

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
 Data File : BF112410.D
 Acq On : 5 Feb 2019 21:49
 Operator : JU/SJ
 Sample : K1341-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-020419-AMS

Manual Integrations
 APPROVED

mohammad
 2/6/2019 9:16:18 AM

Quant Time: Feb 06 04:14:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	160691	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	608152	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	274498	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	453249	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	315008	20.00	ng	0.00
87) Perylene-d12	15.47	264	256611	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1076301	142.27	ng	0.00
7) Phenol-d6	6.49	99	1279703	121.73	ng	0.00
23) Nitrobenzene-d5	7.40	82	916100	86.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	391287	122.47	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1773364	91.37	ng	-0.01
79) Terphenyl-d14	12.94	244	1511132	90.35	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	140738	46.700	ng	# 83
3) Pyridine	3.50	79	272085	35.492	ng	98
4) n-Nitrosodimethylamine	3.42	42	194243	60.309	ng	93
6) Aniline	6.50	93	143497	11.475	ng	# 1
8) 2-Chlorophenol	6.63	128	452198	44.432	ng	95
9) Benzaldehyde	6.39	77	170706	31.068	ng	95
10) Phenol	6.50	94	455459	39.491	ng	81
11) bis(2-Chloroethyl)ether	6.57	93	404503	44.549	ng	98
12) 1,3-Dichlorobenzene	6.77	146	493714	41.655	ng	99
13) 1,4-Dichlorobenzene	6.85	146	507281	41.587	ng	98
14) 1,2-Dichlorobenzene	7.00	146	474597	41.556	ng	96
15) Benzyl Alcohol	6.98	79	362323	40.887	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	492263	42.224	ng	# 22
17) 2-Methylphenol	7.10	107	344474	42.698	ng	# 88
18) Hexachloroethane	7.35	117	159511	37.239	ng	91
19) n-Nitroso-di-n-propylamine	7.25	70	309076	42.639	ng	96
20) 3+4-Methylphenols	7.26	107	455055	44.109	ng	# 64
22) Acetophenone	7.25	105	631404	42.638	ng	94
24) Nitrobenzene	7.42	77	463351	43.957	ng	99
25) Isophorone	7.66	82	808931	48.855	ng	99
26) 2-Nitrophenol	7.73	139	233328	41.420	ng	95
27) 2,4-Dimethylphenol	7.78	122	390195	50.275	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	512229	45.433	ng	100
29) 2,4-Dichlorophenol	7.99	162	384244	44.240	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	429432	43.014	ng	100
31) Naphthalene	8.14	128	1314021	46.204	ng	99
32) Benzoic acid	7.93	122	199900	45.153	ng	97
33) 4-Chloroaniline	8.19	127	70594	5.701	ng	96
34) Hexachlorobutadiene	8.25	225	235959	40.276	ng	99
35) Caprolactam	8.56	113	97872m	31.943	ng	
36) 4-Chloro-3-methylphenol	8.69	107	384952	41.867	ng	98
37) 2-Methylnaphthalene	8.83	142	909335	46.706	ng	98
38) 1-Methylnaphthalene	8.93	142	850691	45.586	ng	96
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	411206	45.625	ng	99

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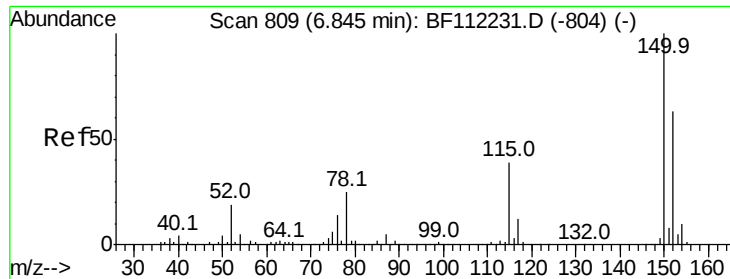
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	63431	25.868	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	262920	47.326	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	275271	47.409	nq	99
46) 1,1'-Biphenyl	9.29	154	1091639	45.489	nq	99
47) 2-Chloronaphthalene	9.32	162	824706	44.317	nq	97
48) 2-Nitroaniline	9.42	65	232324	45.804	nq	99
49) Acenaphthylene	9.73	152	1277360	46.831	nq	99
50) Dimethylphthalate	9.59	163	989579	46.400	nq	99
51) 2,6-Dinitrotoluene	9.66	165	208872	43.730	nq #	81
52) Acenaphthene	9.90	154	732964	44.984	nq	99
53) 3-Nitroaniline	9.83	138	102405	19.790	nq	93
54) 2,4-Dinitrophenol	9.95	184	49993	32.613	nq	99
55) Dibenzofuran	10.08	168	1080897	43.410	nq	97
56) 4-Nitrophenol	10.02	139	218105	79.722	nq	91
57) 2,4-Dinitrotoluene	10.07	165	257122	42.284	nq #	83
58) Fluorene	10.42	166	858513	46.075	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	210528	47.980	nq	96
60) Diethylphthalate	10.29	149	965068	45.598	nq	99
61) 4-Chlorophenyl-phenylether	10.41	204	423594	41.792	nq	94
62) 4-Nitroaniline	10.45	138	189160	37.268	nq	95
63) Azobenzene	10.57	77	787256	42.294	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	43547	17.136	nq	97
66) n-Nitrosodiphenylamine	10.53	169	756530	49.525	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	253343	47.524	nq	98
68) Hexachlorobenzene	10.97	284	263409	46.056	nq	97
69) Atrazine	11.06	200	207530	42.104	nq	98
70) Pentachlorophenol	11.17	266	212568	95.517	nq	99
71) Phenanthrene	11.39	178	1117119	47.408	nq	98
72) Anthracene	11.43	178	1160225	49.429	nq	99
73) Carbazole	11.59	167	1003705	43.350	nq	99
74) Di-n-butylphthalate	11.91	149	1363848	47.456	nq	99
75) Fluoranthene	12.57	202	1063669	42.086	nq	98
77) Benzidine	12.69	184	326571	37.666	nq #	95
78) Pyrene	12.80	202	1065837	48.871	nq	98
80) Butylbenzylphthalate	13.41	149	502629	47.635	nq	98
81) Benzo(a)anthracene	13.99	228	884099	47.743	nq	98
82) 3,3'-Dichlorobenzidine	13.95	252	253113	36.523	nq	98
83) Chrysene	14.03	228	838971	47.463	nq	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	694827	46.390	nq	98
85) Di-n-octyl phthalate	14.57	149	1075378	46.666	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	681963	48.690	nq	98
88) Benzo(b)fluoranthene	15.04	252	755273	49.214	nq	99
89) Benzo(k)fluoranthene	15.07	252	715413m	48.668	nq	
90) Benzo(a)pyrene	15.41	252	686348	49.704	nq	99
91) Dibenzo(a,h)anthracene	16.96	278	575521	51.713	nq	100
92) Benzo(g,h,i)perylene	17.40	276	546535	52.052	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

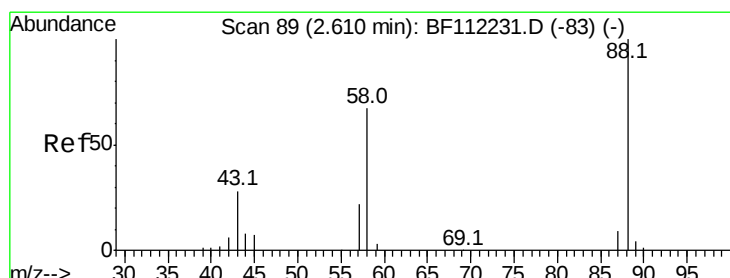
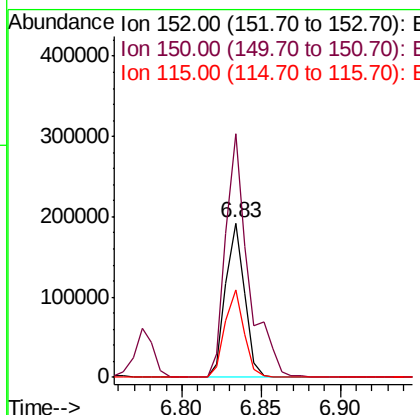
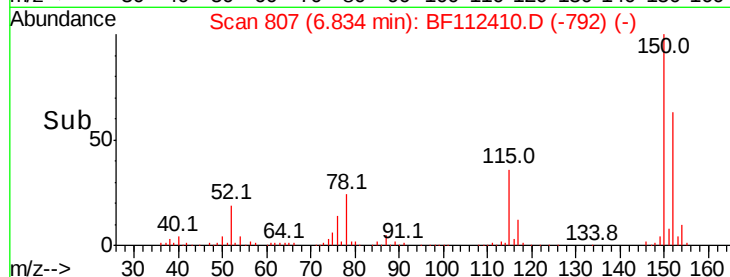
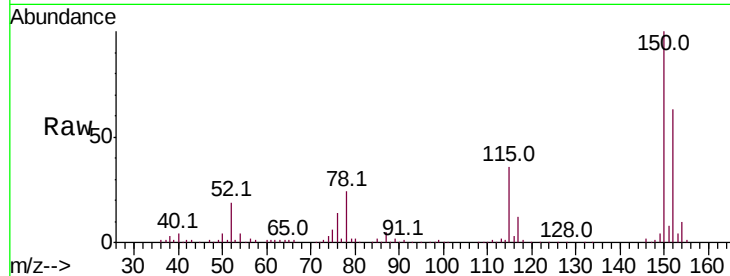
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	127.4	191.0
115	56.9	45.5	68.3

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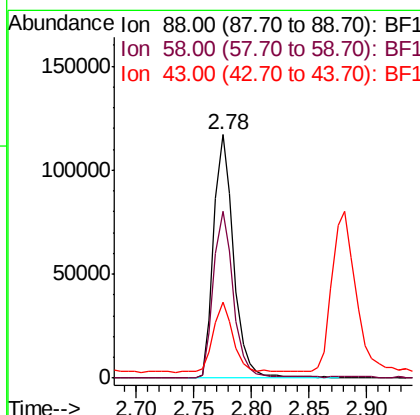
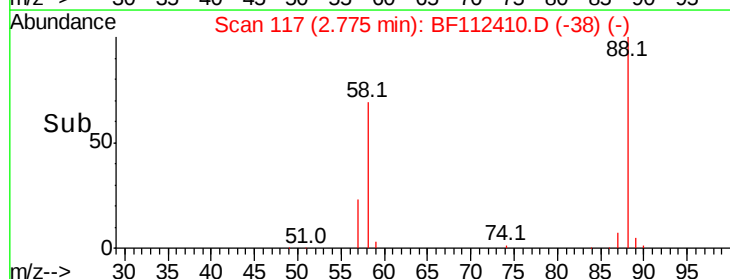
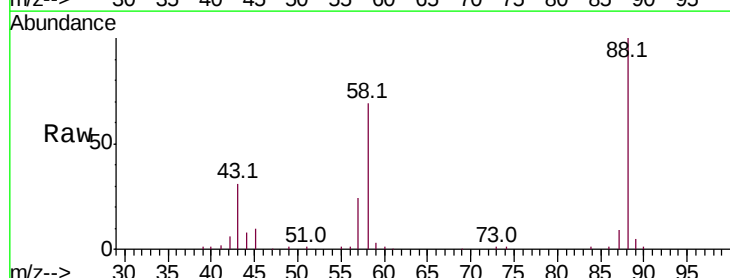
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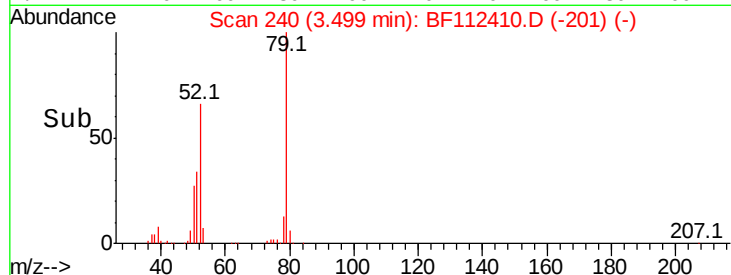
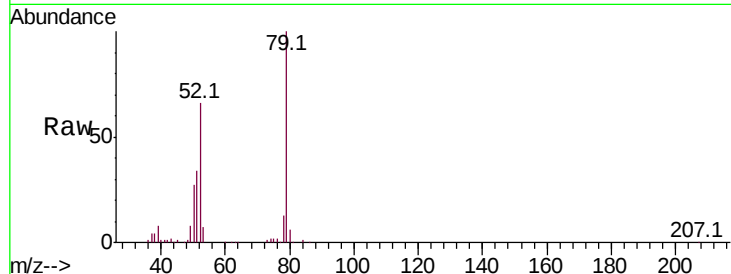
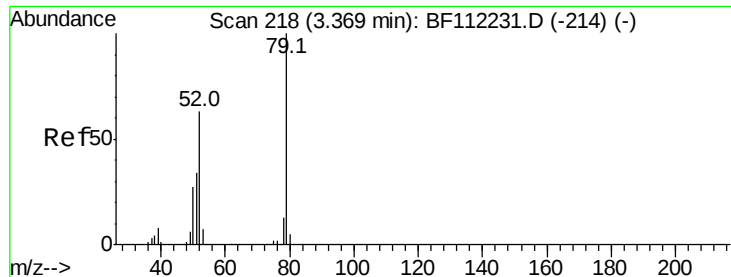


#2

1,4-Dioxane
Concen: 46.700 ng
RT: 2.78 min Scan# 117
Delta R.T. 0.16 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.6	57.4	86.2
43	0.0	22.2	33.4#





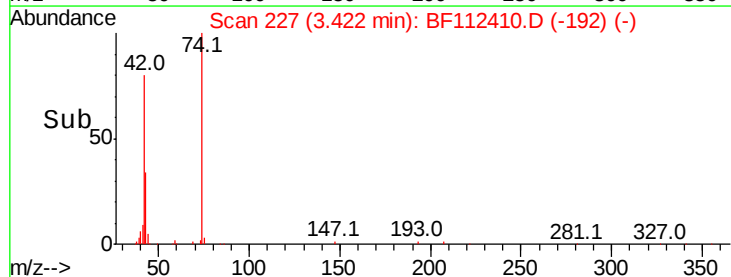
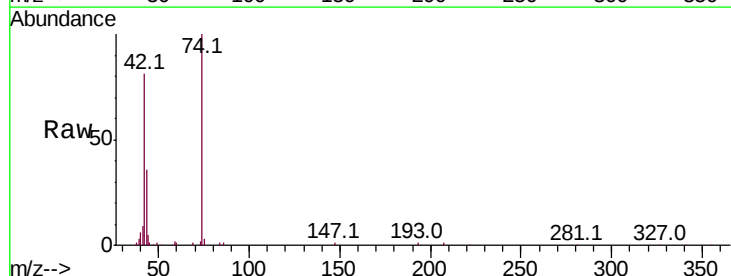
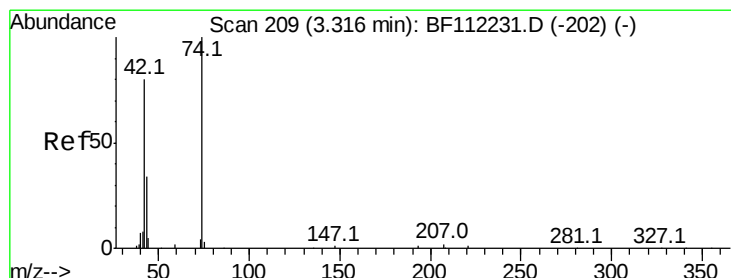
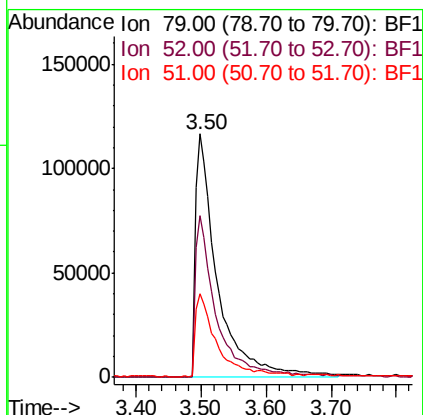
#3
Pvridine
Concen: 35.492 ng
RT: 3.50 min Scan# 240
Delta R.T. 0.13 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.2	52.4	78.6
51	34.3	26.1	39.1

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-AMS

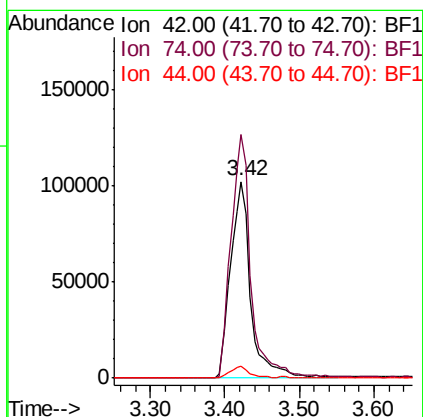
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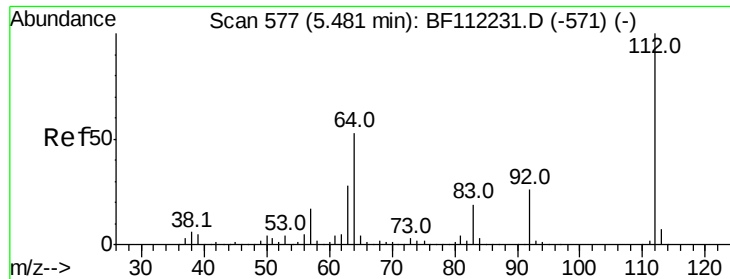
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2/6/2019 9:16:18 AM



#4
n-Nitrosodimethylamine
Concen: 60.309 ng
RT: 3.42 min Scan# 227
Delta R.T. 0.11 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Lower	Upper
42	100		
74	124.0	105.6	158.4
44	6.0	5.4	8.2





#5

2-Fluorophenol

Concen: 142.269 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

Instrument :

BNA_F

ClientSampleId :

HR-05-020419-AMS

Tot Ion:112 Resp: 1076301

Ion Ratio Lower Upper

112 100

64 56.2 45.7 68.5

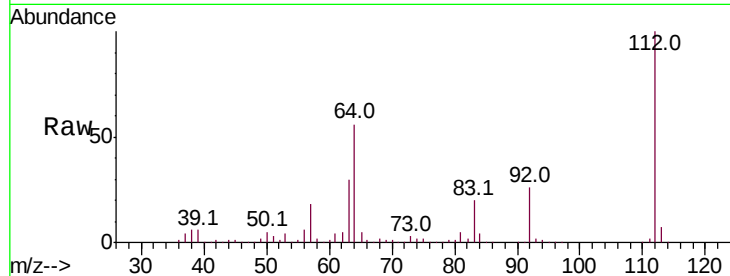
63 30.3 23.6 35.4

Manual Integrations

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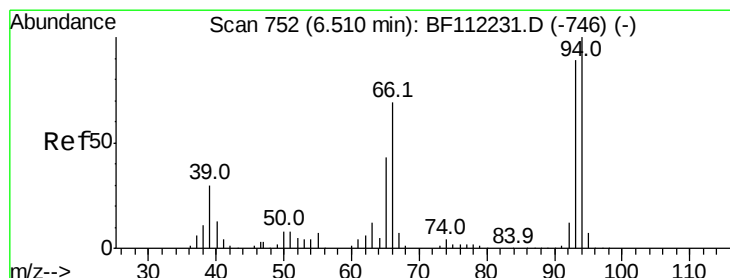
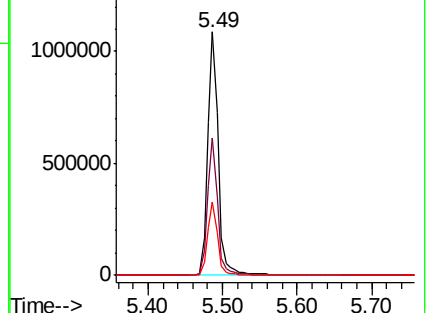
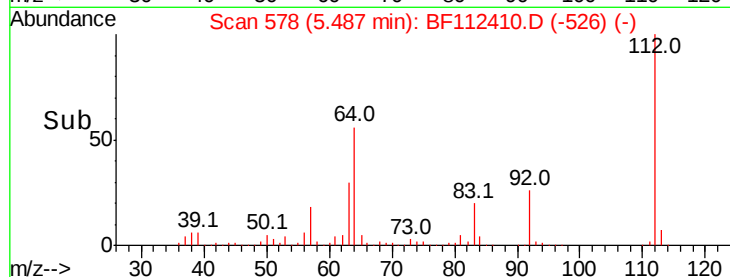
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.475 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

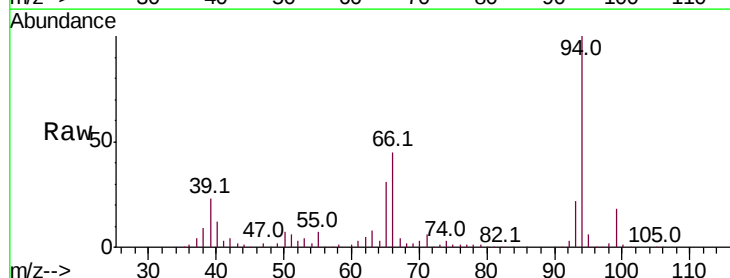
Tgt Ion: 93 Resp: 143497

Ion Ratio Lower Upper

93 100

66 209.4 43.4 65.2#

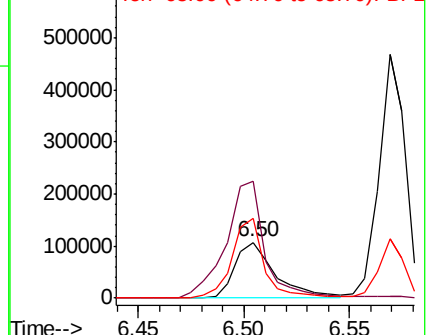
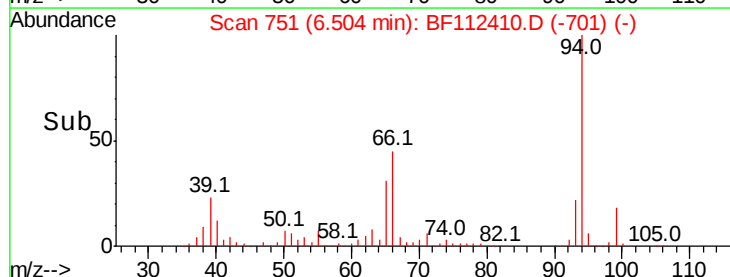
65 143.6 25.3 37.9#

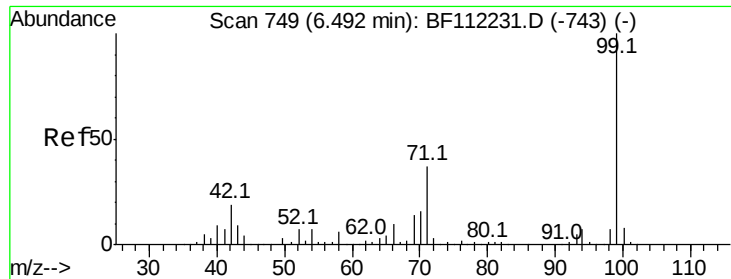


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.734 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

Instrument :

BNA_F

ClientSampleId :

HR-05-020419-AMS

Tot Ion: 99 Resp: 1279703

Ion Ratio Lower Upper

99 100

42 18.7 15.1 22.7

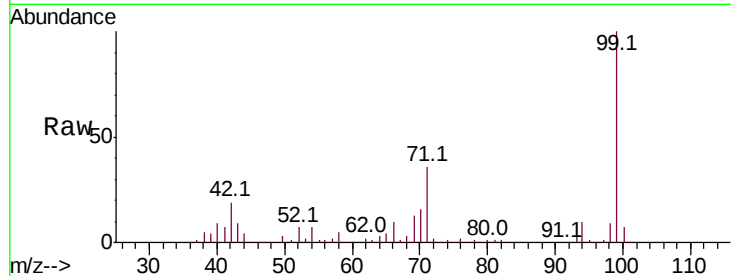
71 36.3 26.9 40.3

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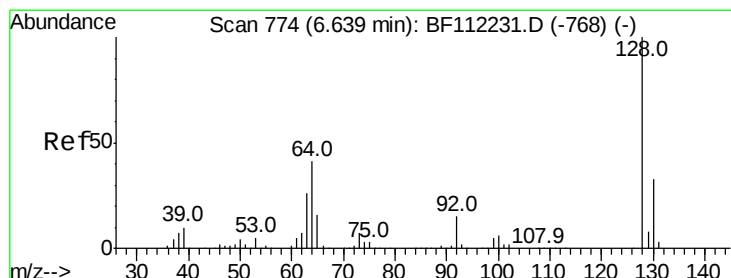
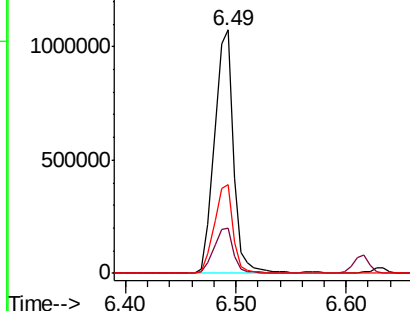
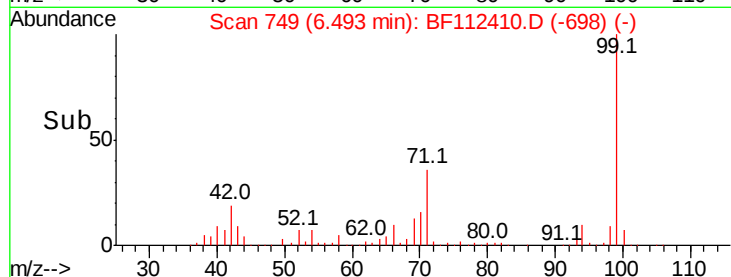
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.432 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

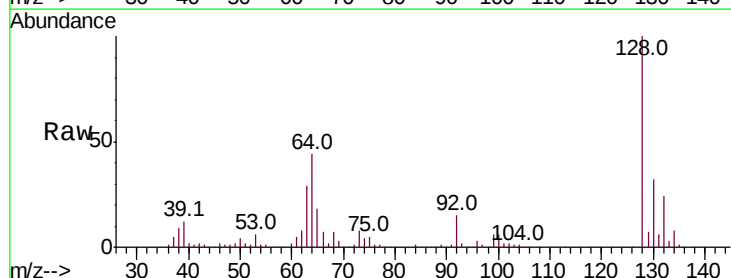
Tgt Ion:128 Resp: 452198

Ion Ratio Lower Upper

128 100

130 32.0 13.4 53.4

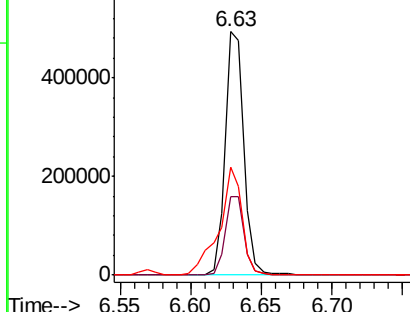
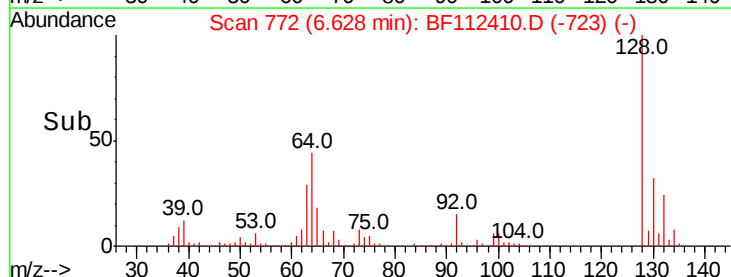
64 44.4 20.5 60.5

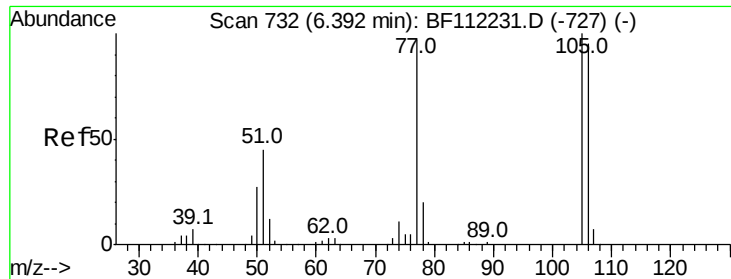


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 31.068 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

Instrument :

BNA_F

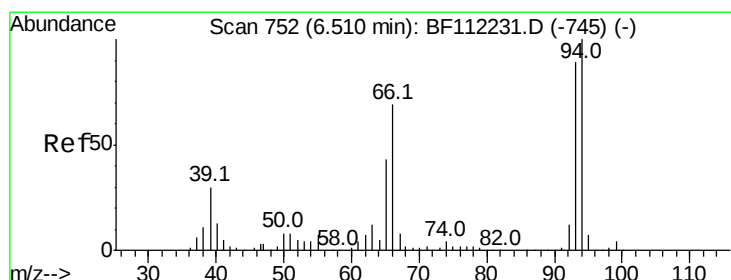
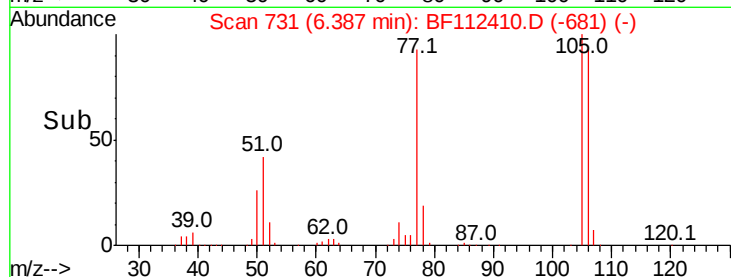
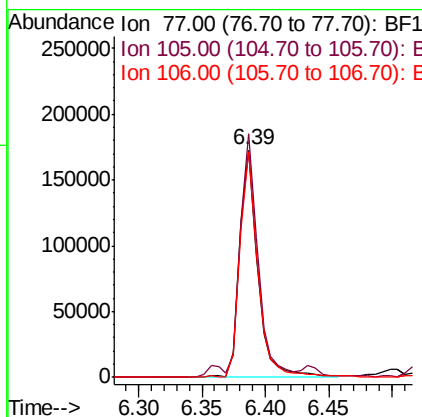
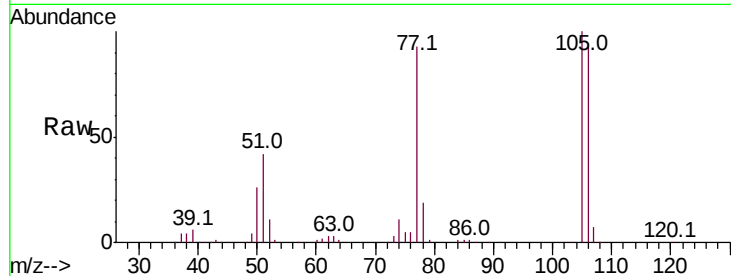
ClientSampleId :

HR-05-020419-AMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	107.1	80.8	120.8
106	99.2	75.7	115.7

Manual Integrations
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#10

Phenol

Concen: 39.491 ng

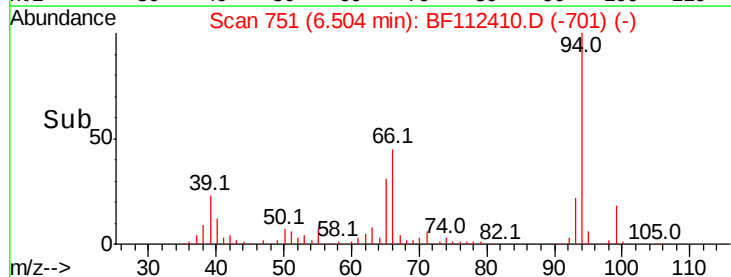
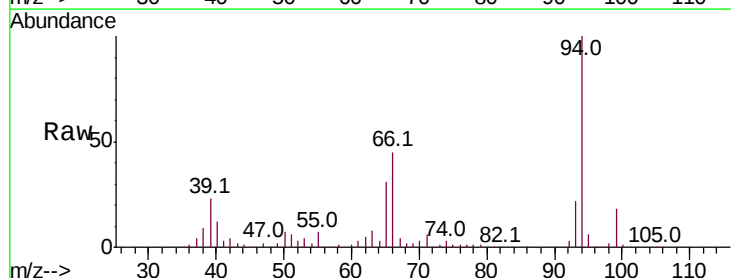
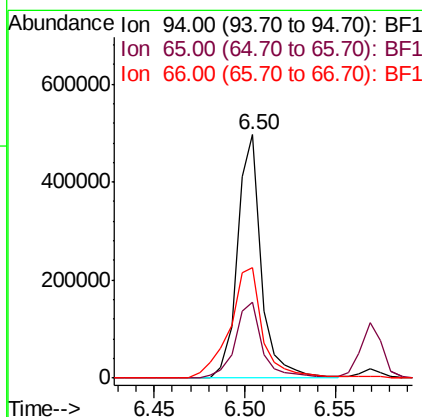
RT: 6.50 min Scan# 751

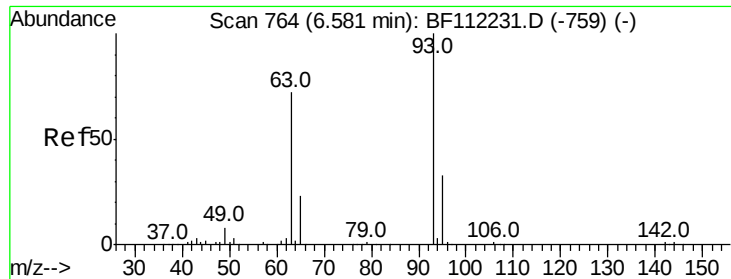
Delta R.T. -0.01 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.0	20.3	60.3
66	45.2	42.4	82.4





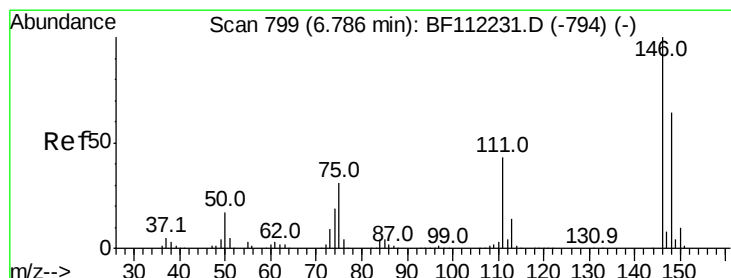
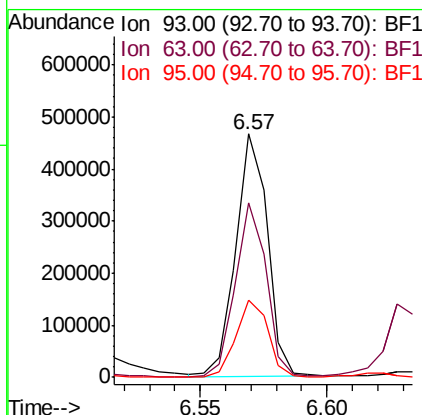
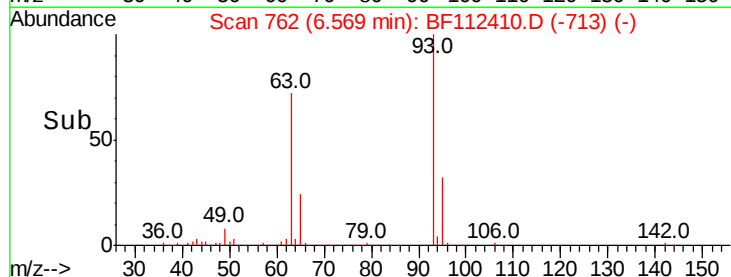
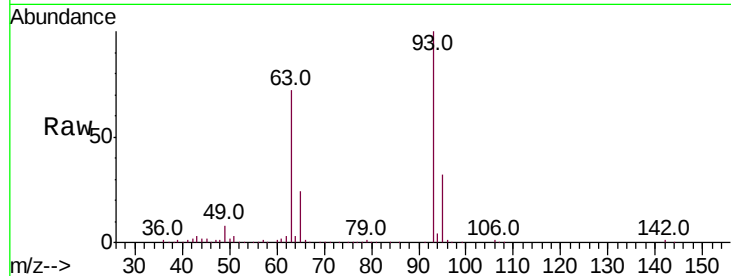
#11
bis(2-Chloroethyl)ether
Concen: 44.549 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.6	53.3	93.3
95	31.9	13.4	53.4

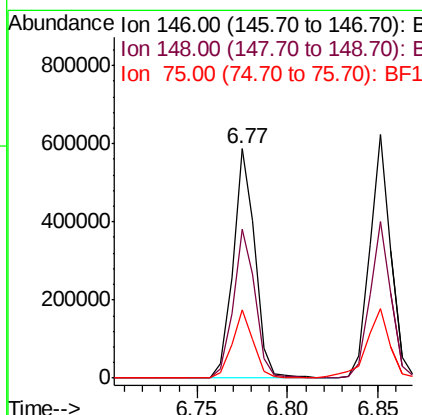
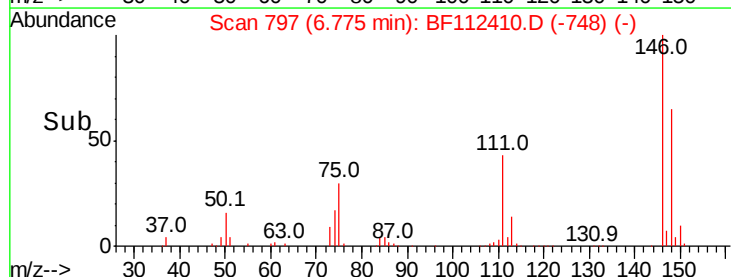
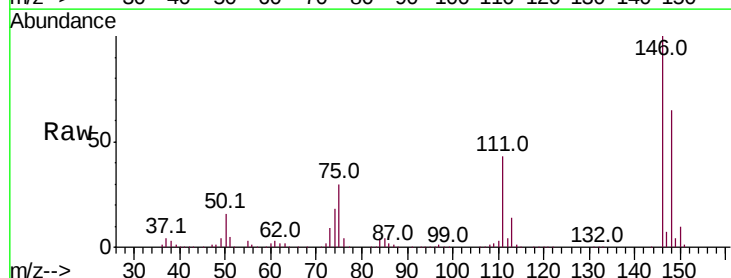
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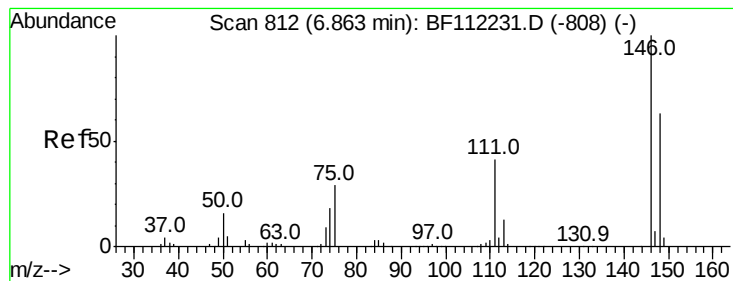
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.655 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
75	29.9	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 41.587 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

Instrument :

BNA_F

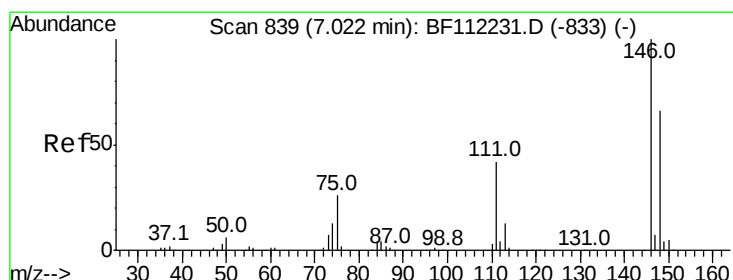
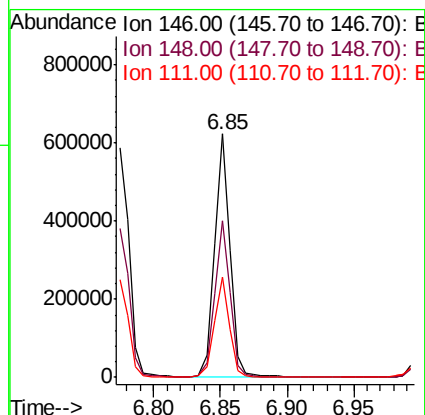
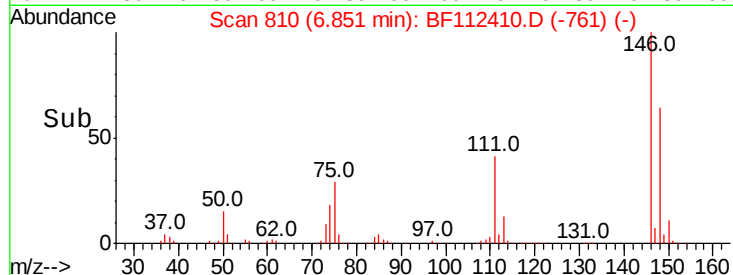
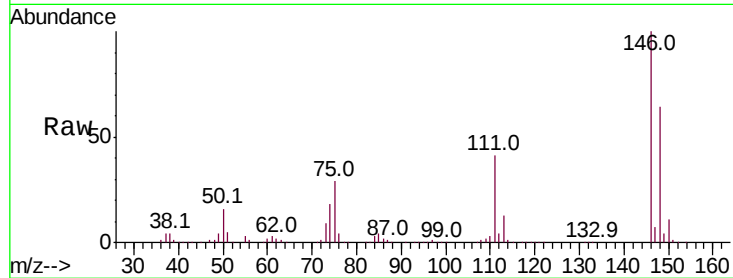
ClientSampleId :

HR-05-020419-AMS

Tot Ion:	146	Resp:	507281
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.0	78.0
111	40.9	31.2	46.8

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#14

1,2-Dichlorobenzene

Concen: 41.556 ng

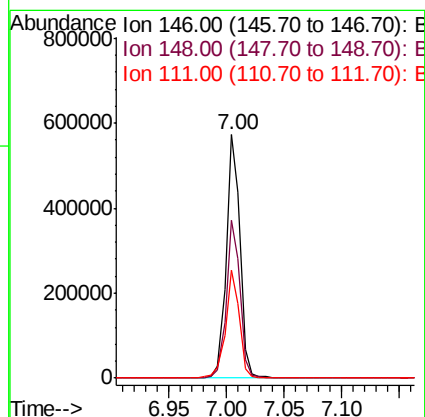
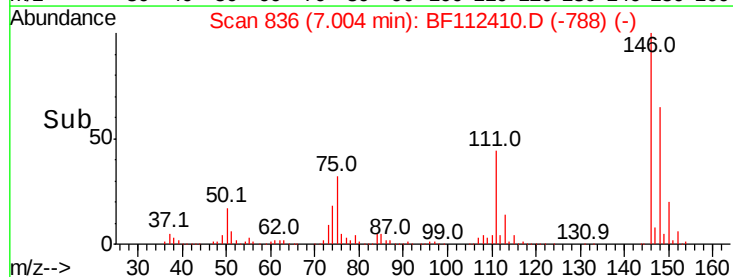
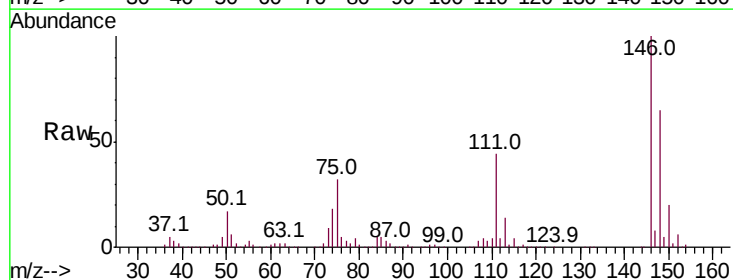
RT: 7.00 min Scan# 836

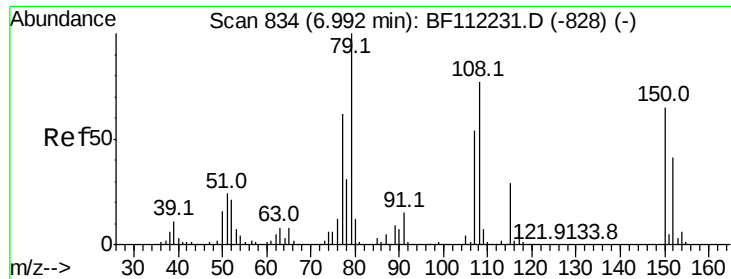
Delta R.T. -0.02 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

Tgt Ion:	146	Resp:	474597
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.2	78.4
111	44.3	31.2	46.8





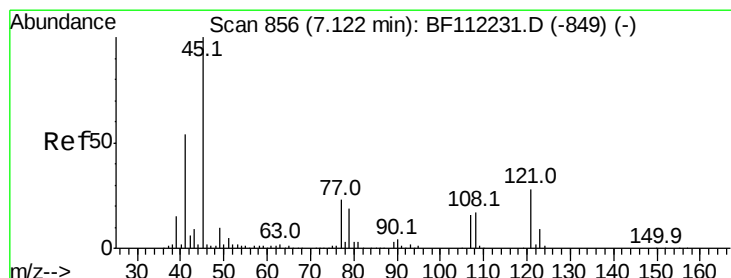
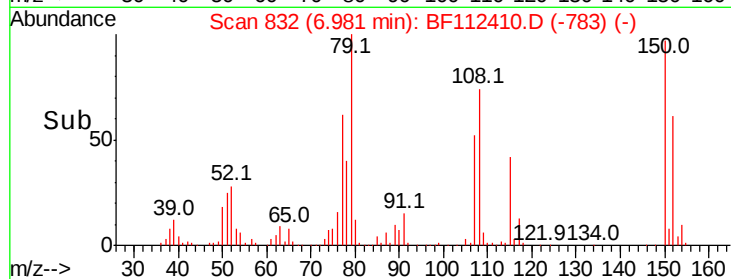
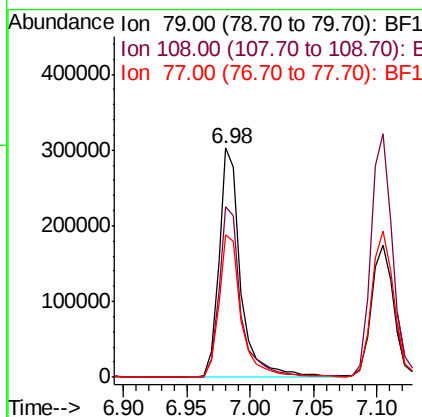
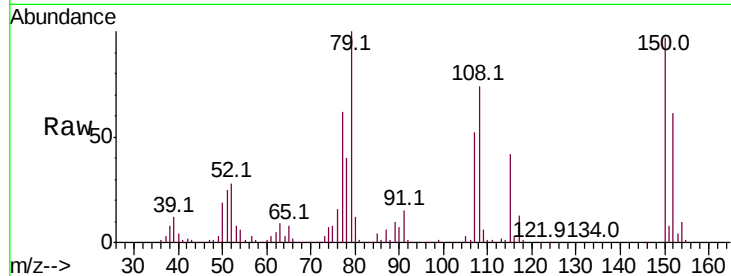
#15
Benzyl Alcohol
Concen: 40.887 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-AMS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	74.2	64.2	96.2	
77	62.4	50.3	75.5	

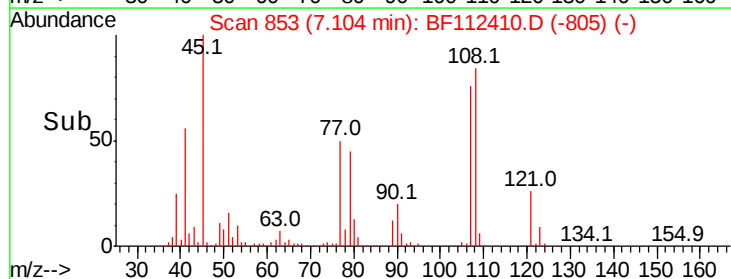
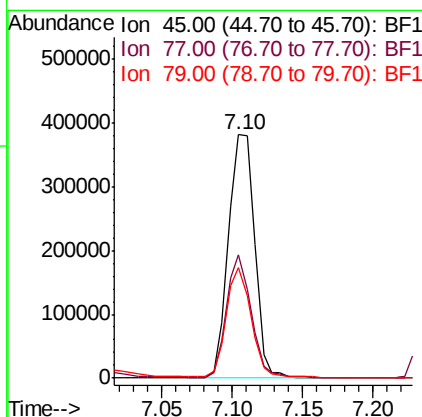
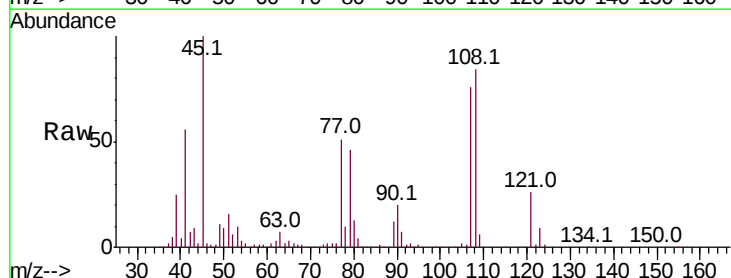
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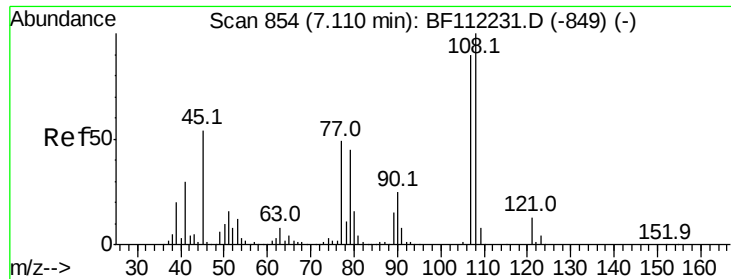
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.224 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	50.7	0.0	36.9#	
79	45.6	0.0	34.0#	





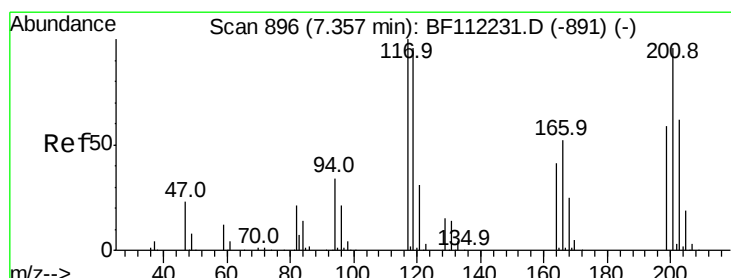
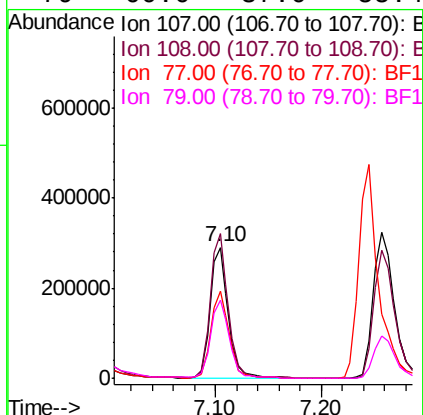
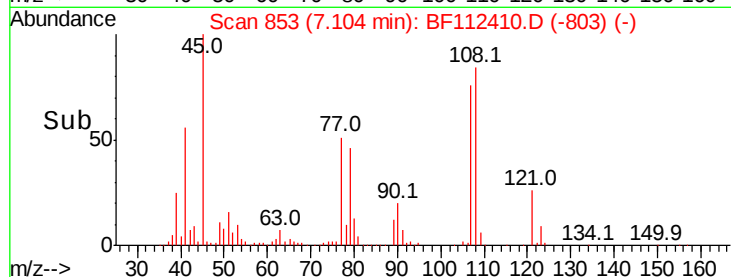
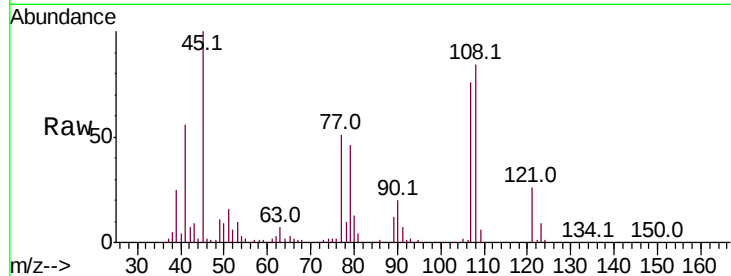
#17
2-Methylphenol
Concen: 42.698 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.6	91.3	136.9	
77	66.6	39.0	58.6	
79	60.0	37.0	55.4	

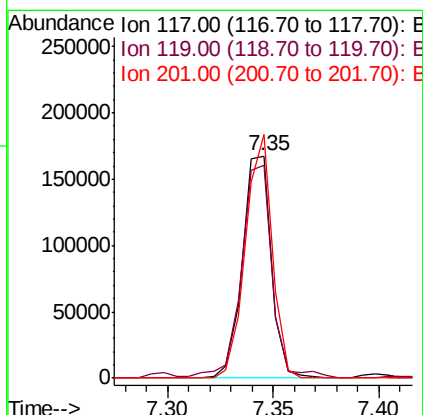
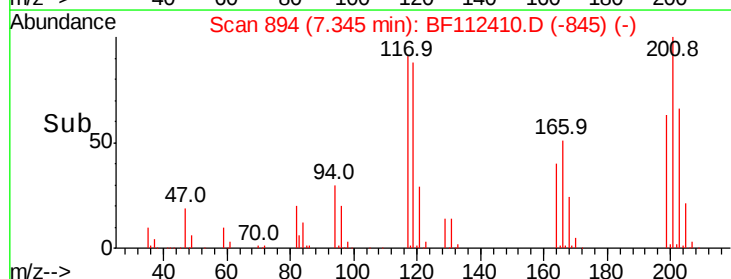
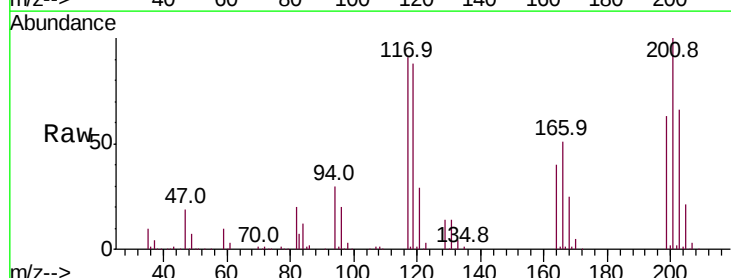
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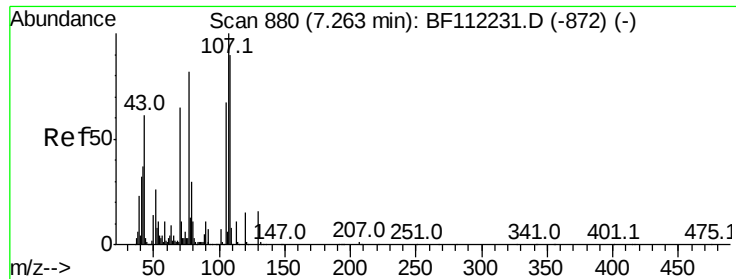
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#18
Hexachloroethane
Concen: 37.239 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	77.0	115.4	
201	109.6	74.1	111.1	





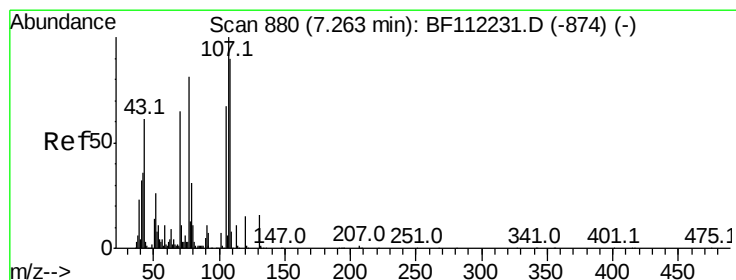
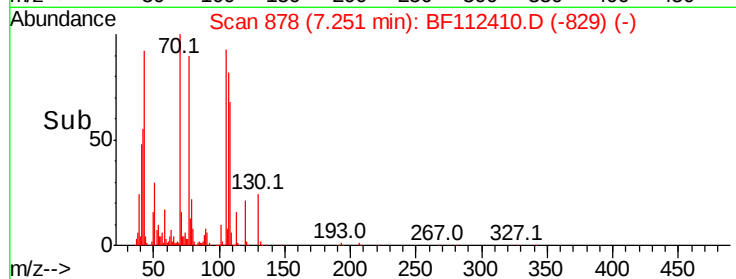
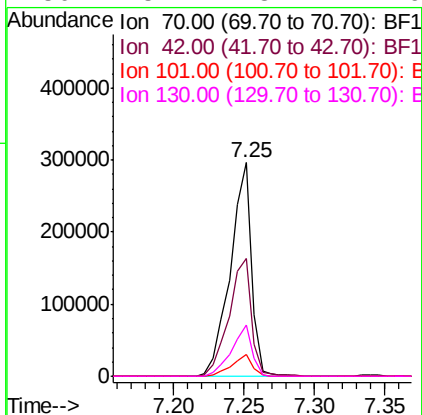
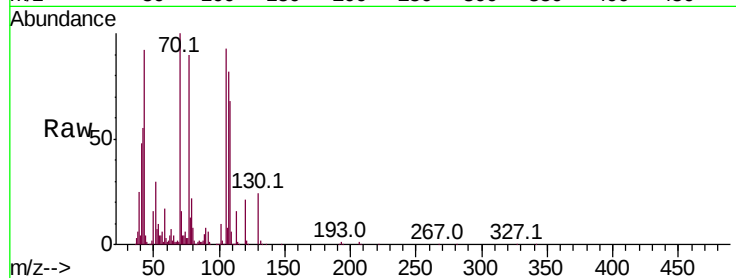
#19
n-Nitroso-di-n-propylamine
Concen: 42.639 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-AMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.3	47.6	71.4
101	9.9	7.9	11.9
130	23.7	18.4	27.6

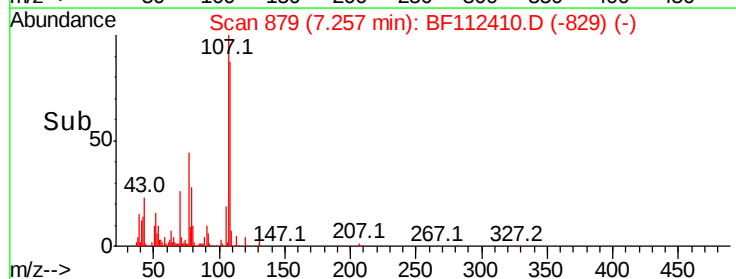
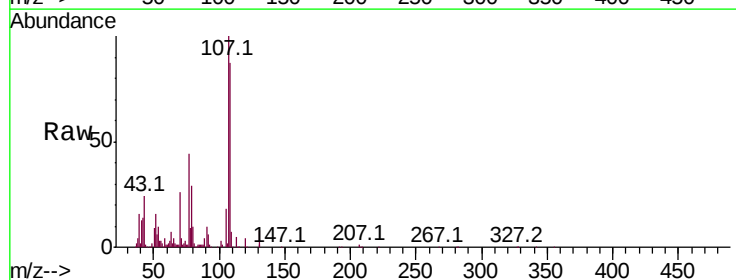
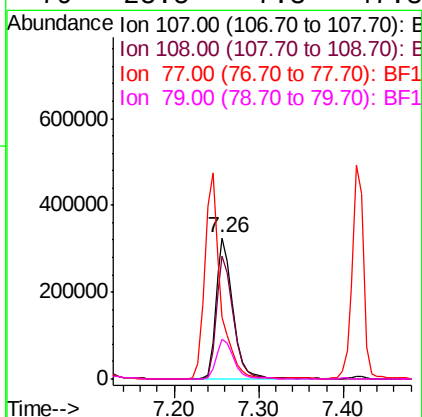
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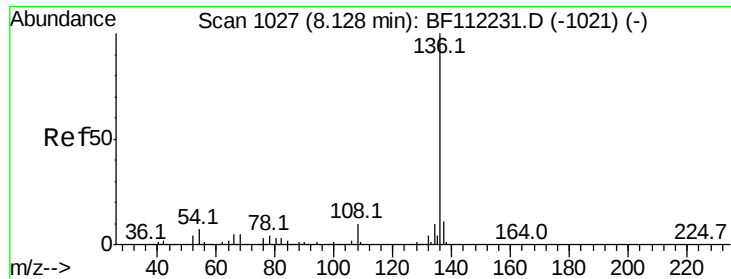
mohammad
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#20
3+4-Methylphenols
Concen: 44.109 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	68.2	108.2
77	43.8	100.7	140.7#
79	28.5	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

Instrument :

BNA_F

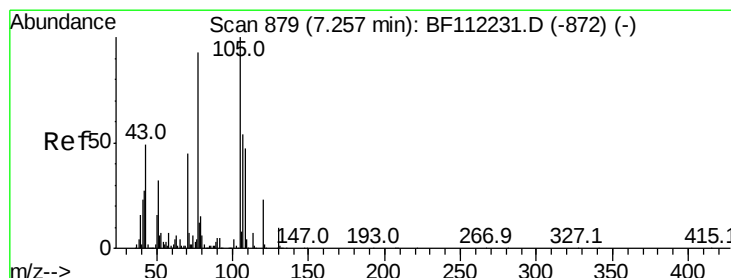
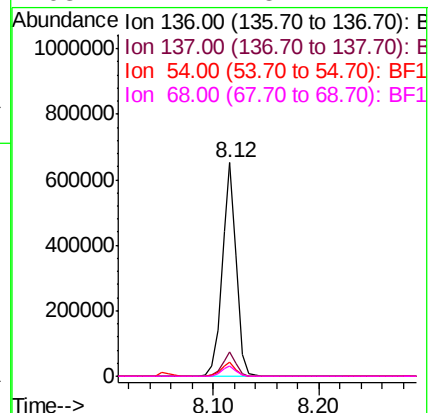
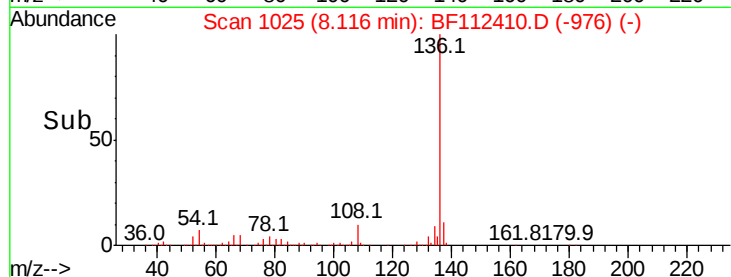
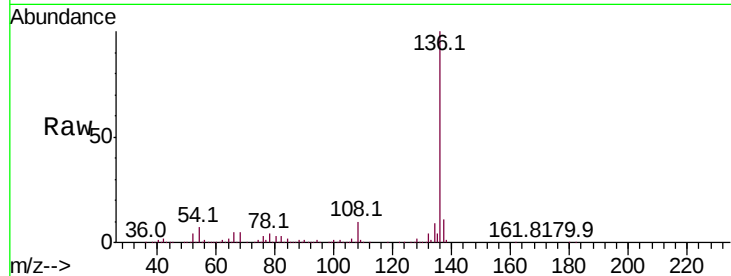
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
136	100	608152		
137	11.2	9.1	13.7	
54	6.6	5.9	8.9	
68	4.7	5.1	7.7#	

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#22

Acetophenone

Concen: 42.638 ng

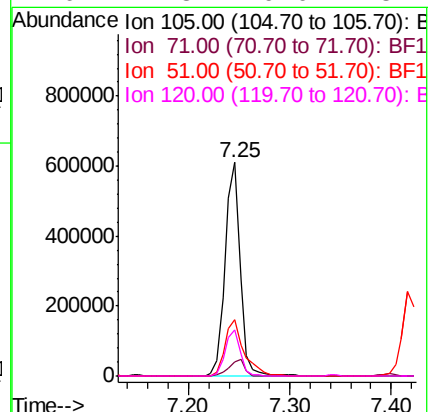
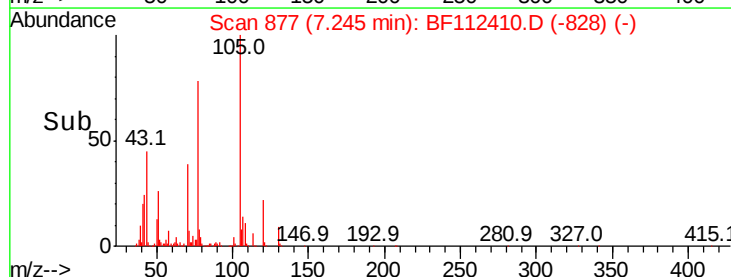
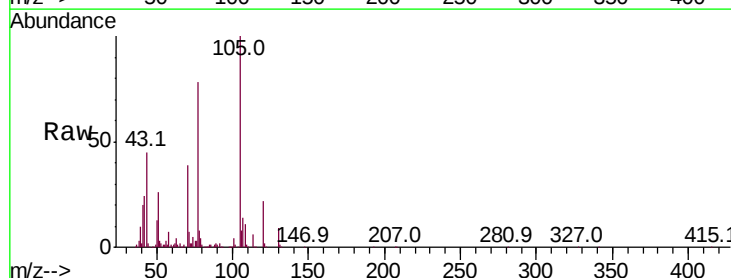
RT: 7.25 min Scan# 877

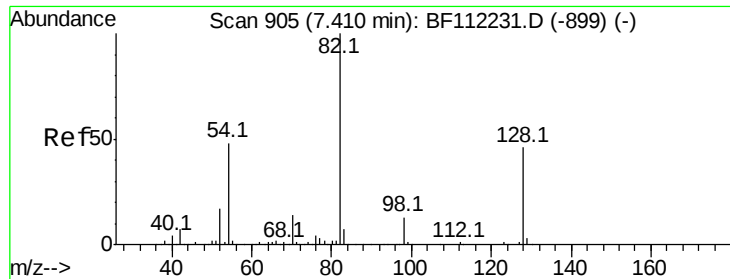
Delta R.T. -0.01 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	631404		
71	6.5	4.6	6.8	
51	26.4	25.0	37.6	
120	21.8	19.0	28.4	





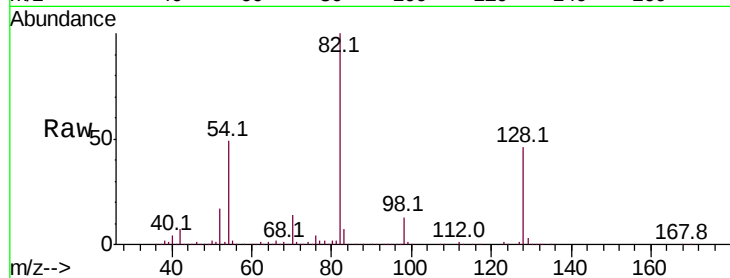
#23
Nitrobenzene-d5
Concen: 86.797 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-AMS

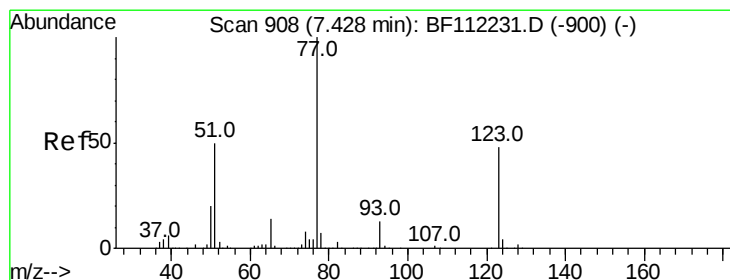
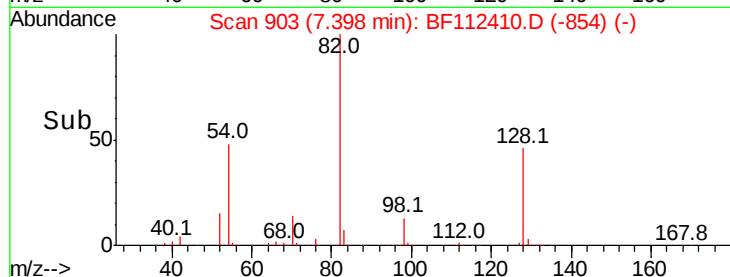
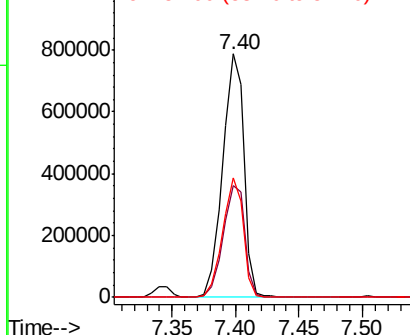
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.8	56.8
54	48.8	39.7	59.5

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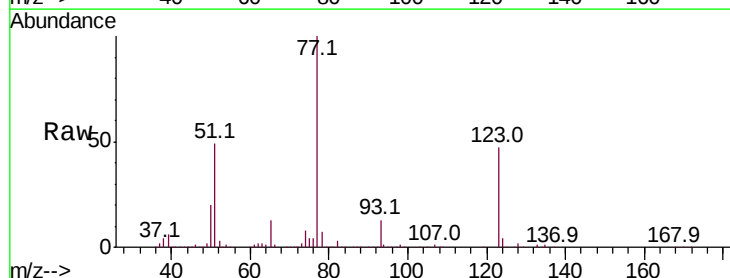


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

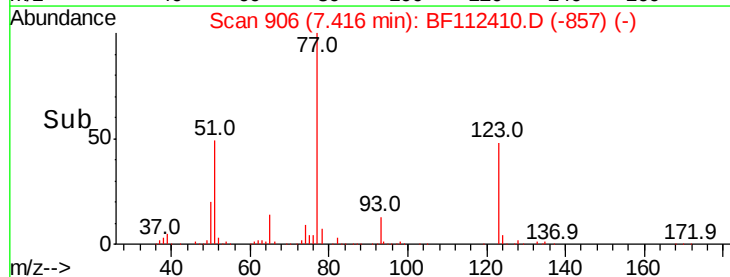
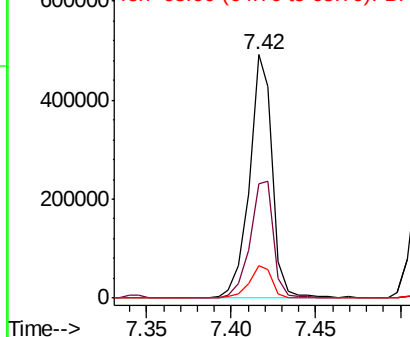


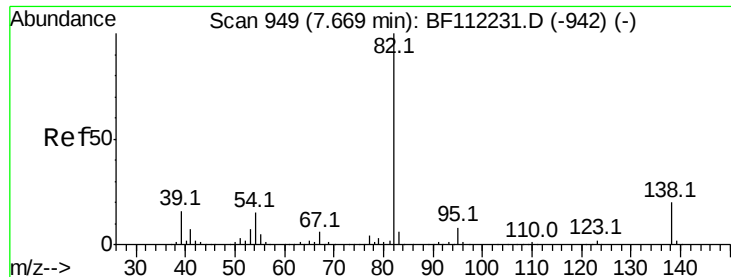
#24
Nitrobenzene
Concen: 43.957 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.0	38.4	57.6
65	13.5	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 48.855 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

Instrument :

BNA_F

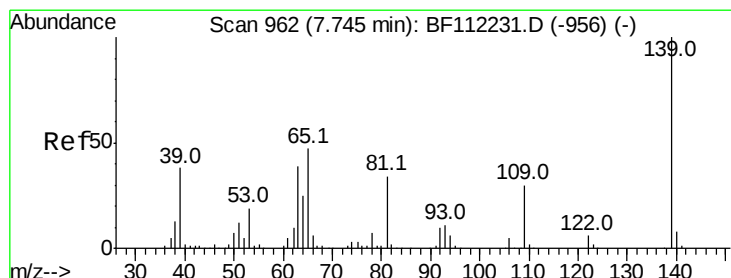
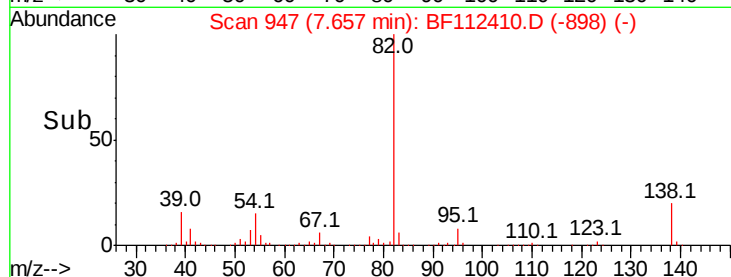
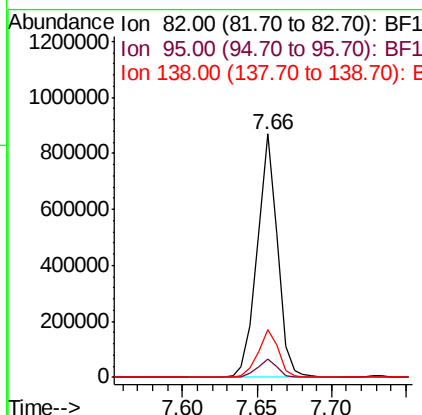
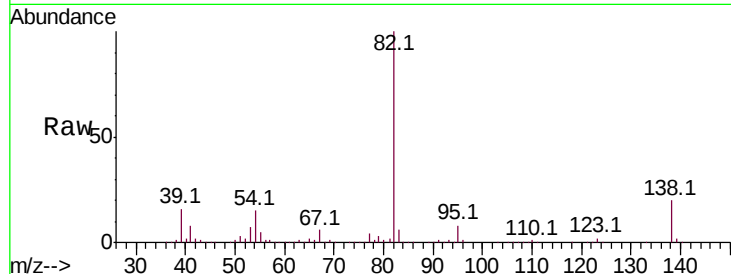
ClientSampleId :

HR-05-020419-AMS

Tot Ion:	82	Resp:	808931
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.7	8.5
138	19.9	15.4	23.0

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#26

2-Nitrophenol

Concen: 41.420 ng

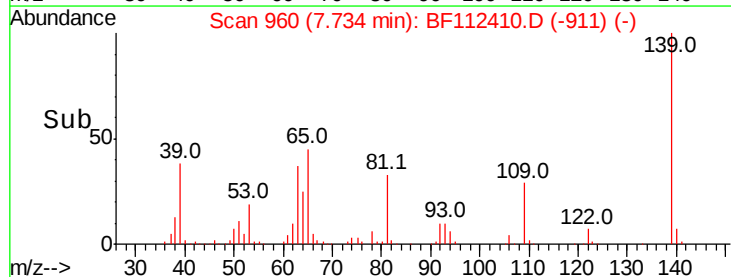
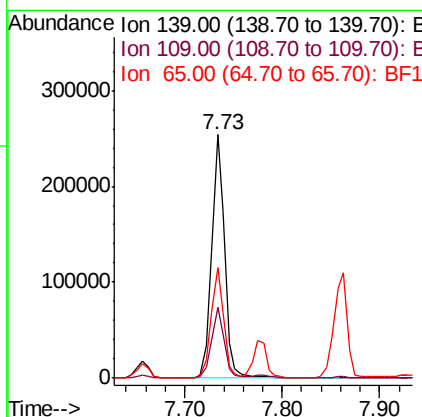
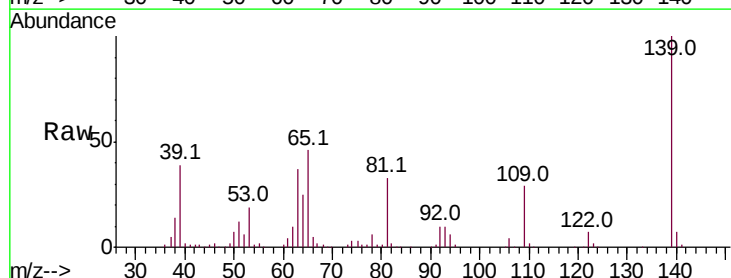
RT: 7.73 min Scan# 960

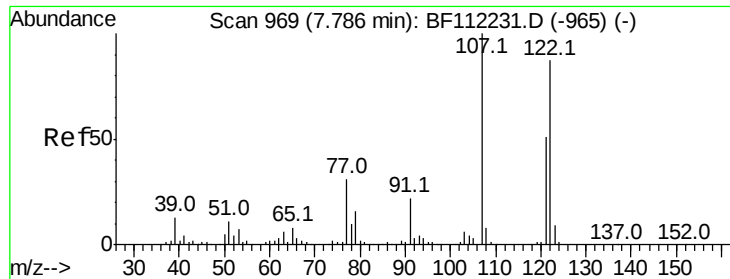
Delta R.T. -0.01 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

Tgt Ion:	139	Resp:	233328
Ion Ratio	Lower	Upper	
139	100		
109	29.2	20.8	31.2
65	45.6	34.4	51.6





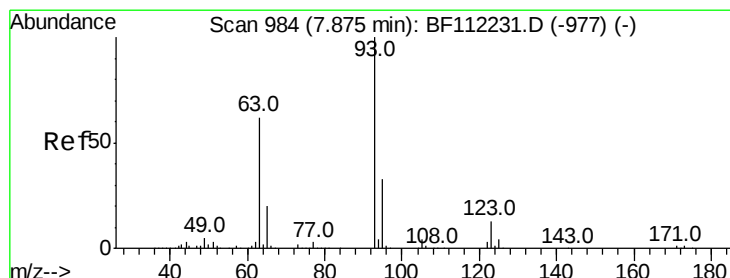
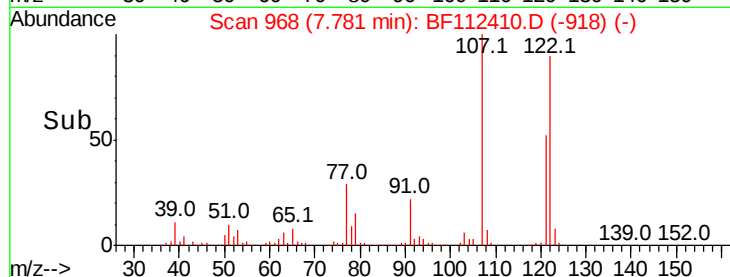
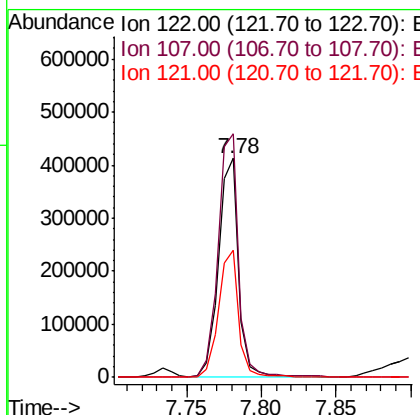
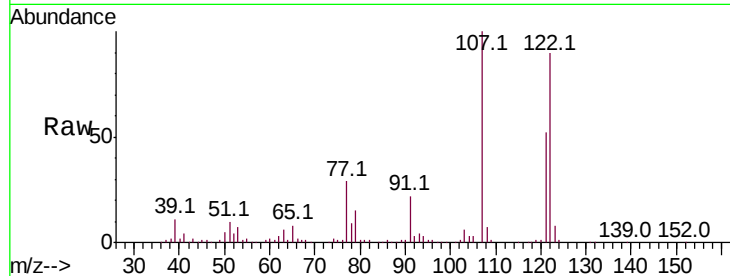
#27
2,4-Dimethylphenol
Concen: 50.275 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-AMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	390195		
107	111.3	85.4	128.0	
121	58.2	47.0	70.4	

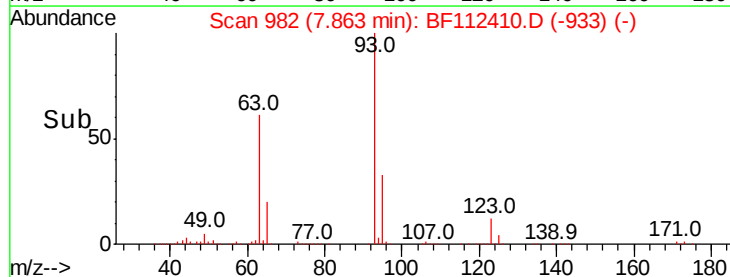
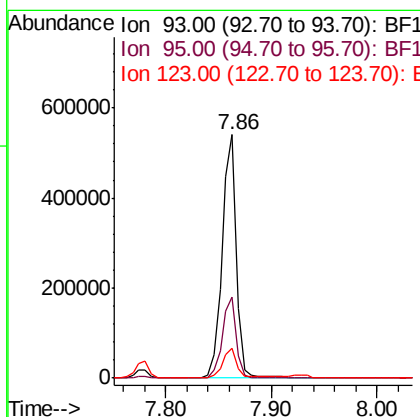
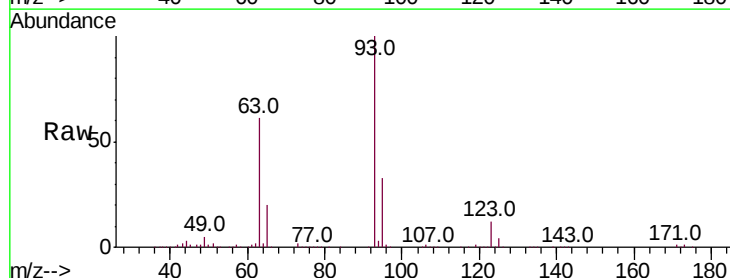
Manual Integrations
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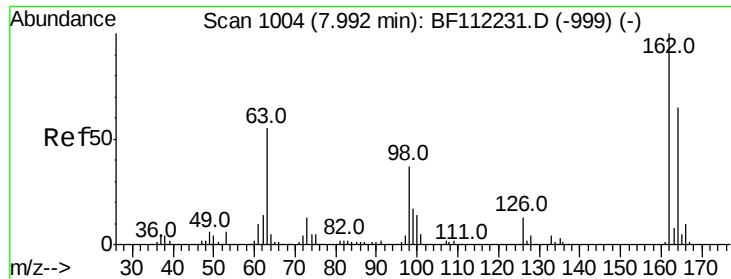
mohammad
2/6/2019 9:16:18 AM



#28
bis(2-Chloroethoxy)methane
Concen: 45.433 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	512229		
95	33.4	26.8	40.2	
123	12.4	10.2	15.2	





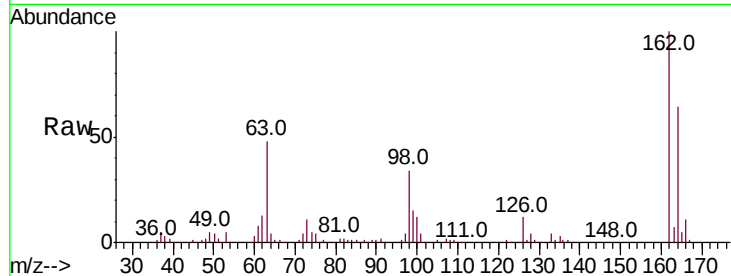
#29
 2,4-Dichlorophenol
 Concen: 44.240 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF112410.D
 Acq: 5 Feb 2019 21:49

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-020419-AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	384244		
164	64.3		44.6	84.6
98	33.7		14.6	54.6

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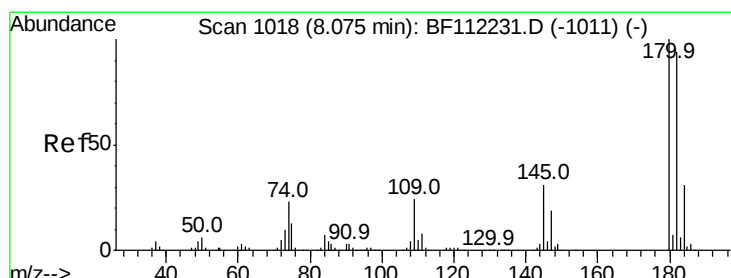
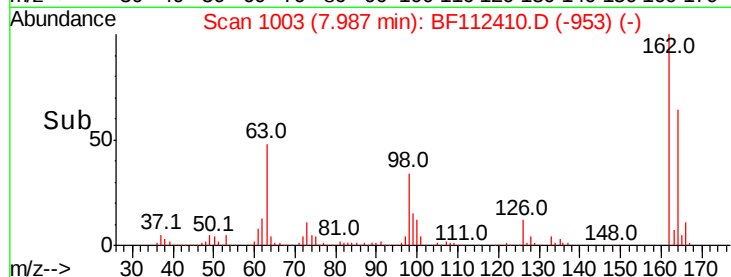
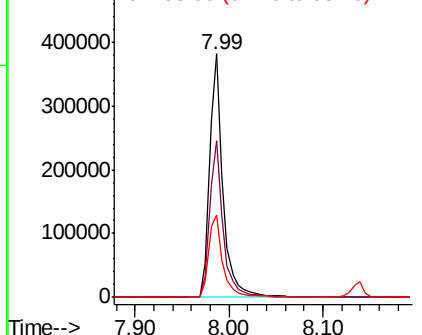


Abundance

Ion 162.00 (161.70 to 162.70): E

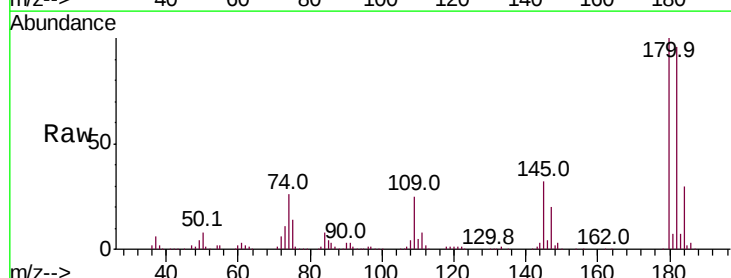
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.014 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.02 min
 Lab File: BF112410.D
 Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	429432		
182	95.7		76.4	114.6
145	31.8		25.0	37.4

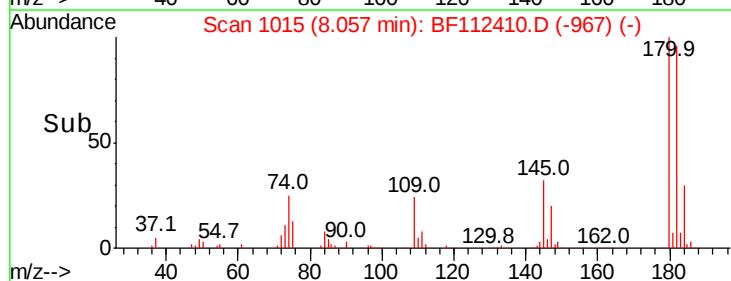
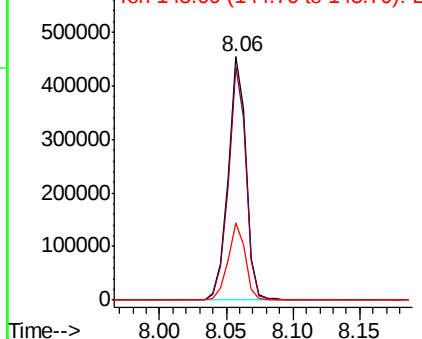


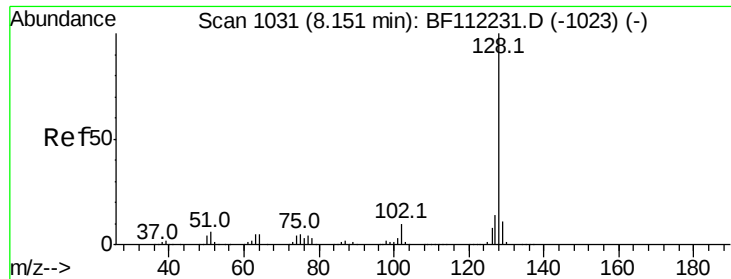
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





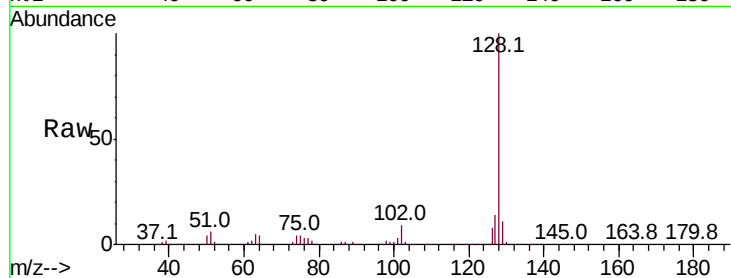
#31
Naphthalene
Concen: 46.204 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.6	14.4
127	13.9	11.1	16.7

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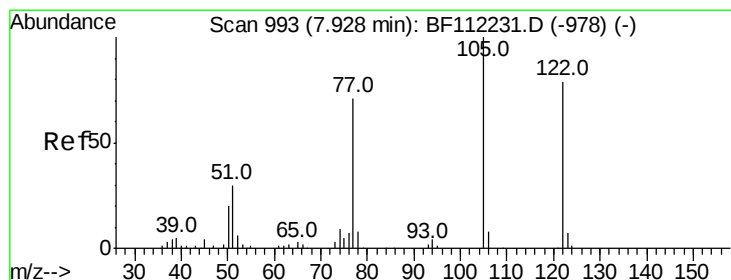
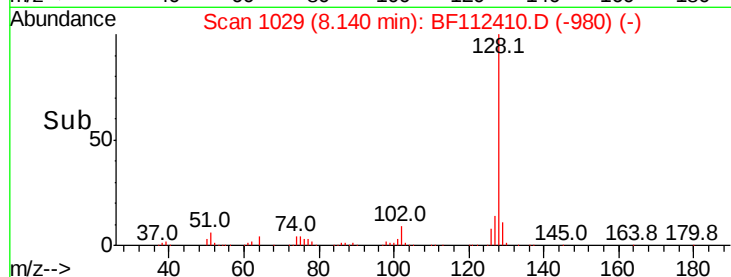
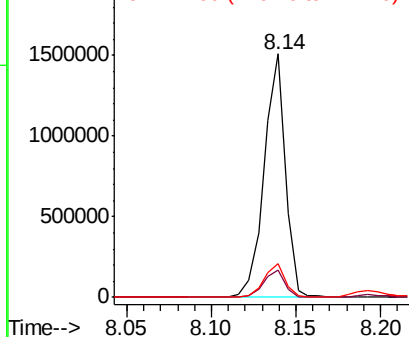


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 45.153 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

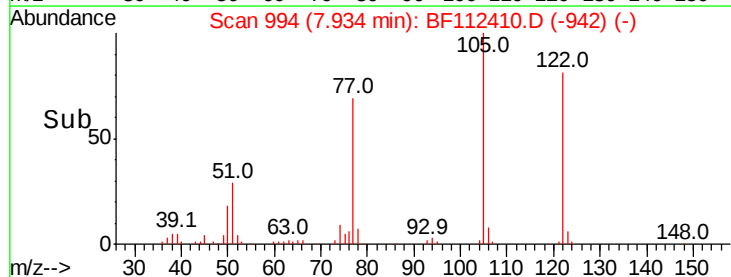
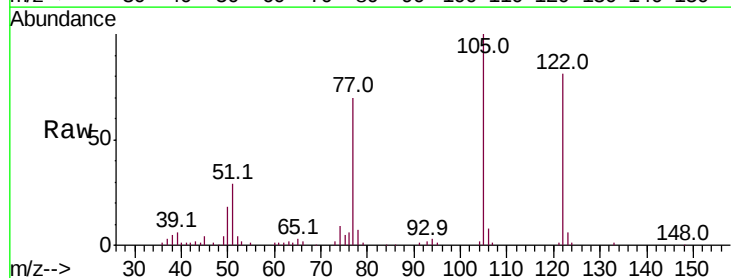
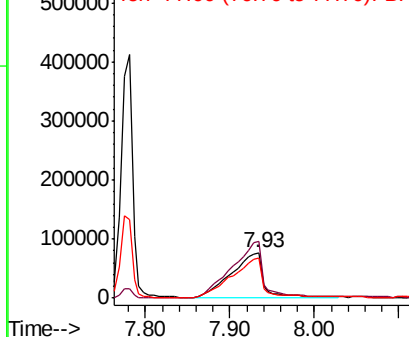
Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.7	101.2	141.2
77	87.1	70.4	110.4

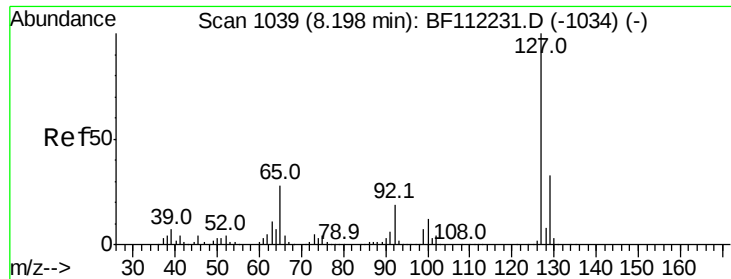
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





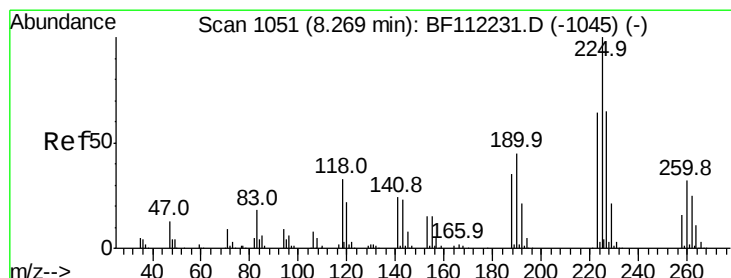
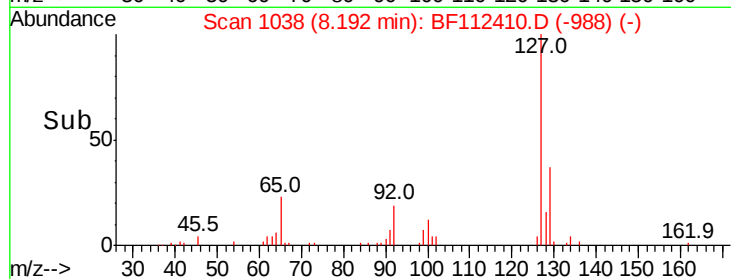
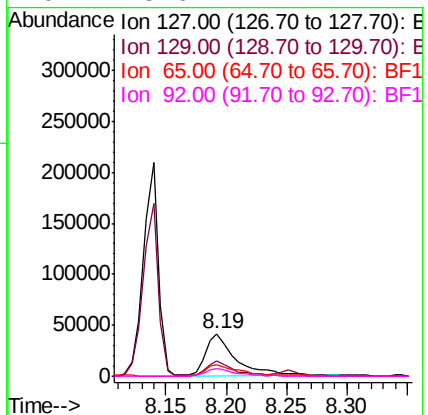
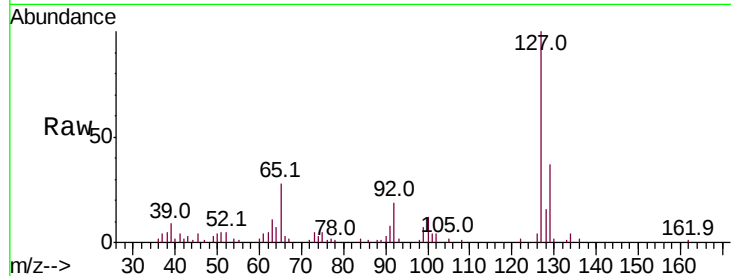
#33
 4-Chloroaniline
 Concen: 5.701 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF112410.D
 Acq: 5 Feb 2019 21:49

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-020419-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	36.6	26.6	39.8		
65	28.4	21.4	32.2		
92	18.6	14.2	21.2		

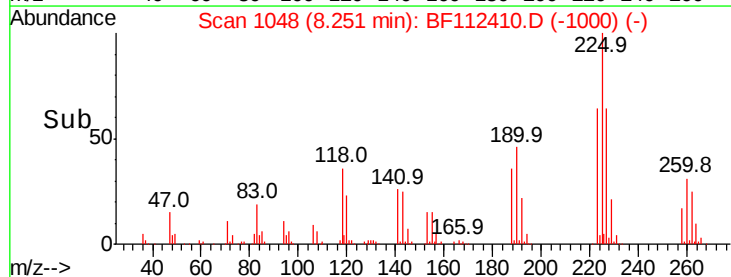
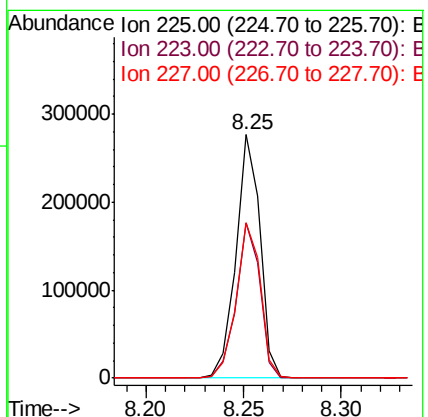
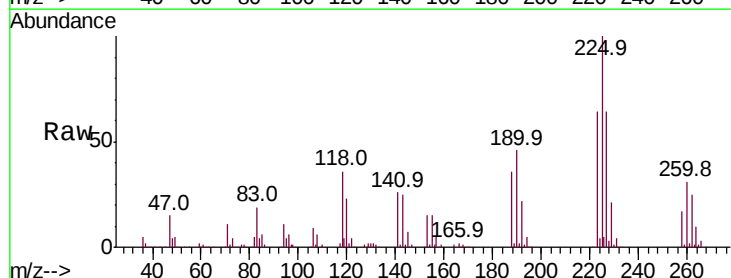
Manual Integrations
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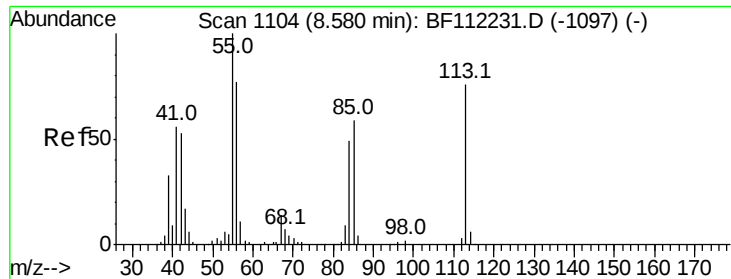
mohammad
 2/6/2019 9:16:18 AM



#34
 Hexachlorobutadiene
 Concen: 40.276 ng
 RT: 8.25 min Scan# 1048
 Delta R.T. -0.02 min
 Lab File: BF112410.D
 Acq: 5 Feb 2019 21:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.9	50.3	75.5		
227	64.0	51.8	77.8		





#35

Caprolactam

Concen: 31.943 ng/mL

RT: 8.56 min Scan# 1101

Delta R.T. -0.02 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

Instrument :

BNA_F

ClientSampleId :

HR-05-020419-AMS

Tot Ion:113 Resp: 97872

Ion Ratio Lower Upper

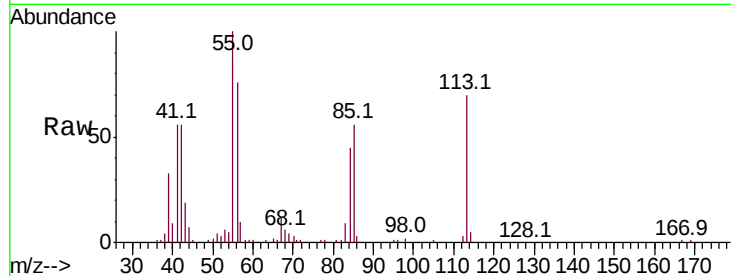
113 100

55 143.7 121.6 161.6

56 109.7 86.7 126.7

Manual Integrations
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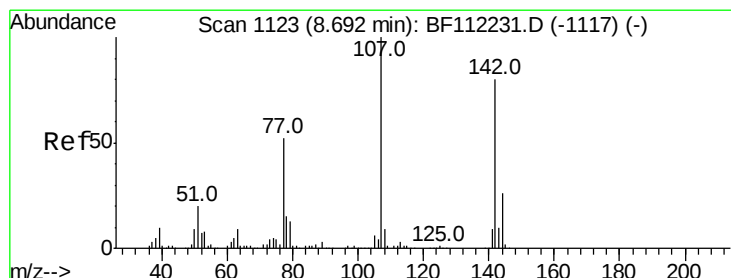
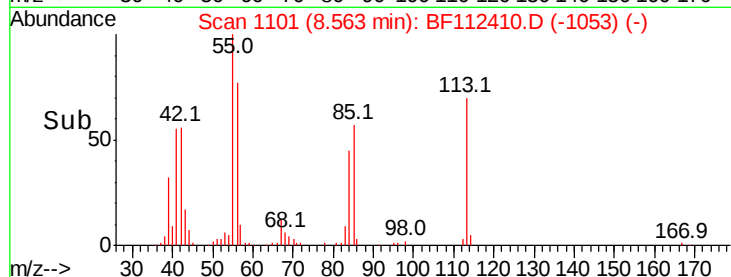
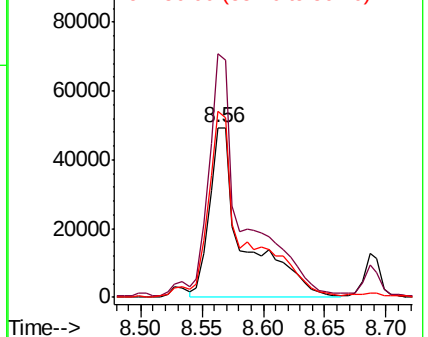
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.867 ng/mL

RT: 8.69 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

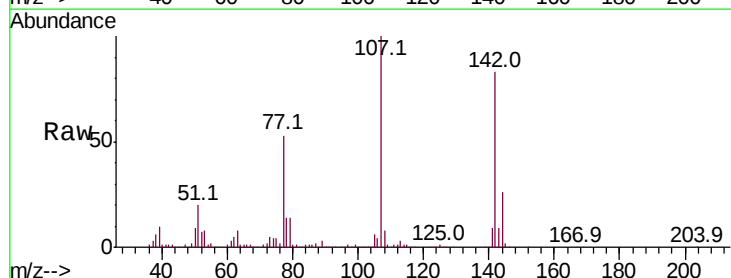
Tgt Ion:107 Resp: 384952

Ion Ratio Lower Upper

107 100

144 26.3 22.2 33.2

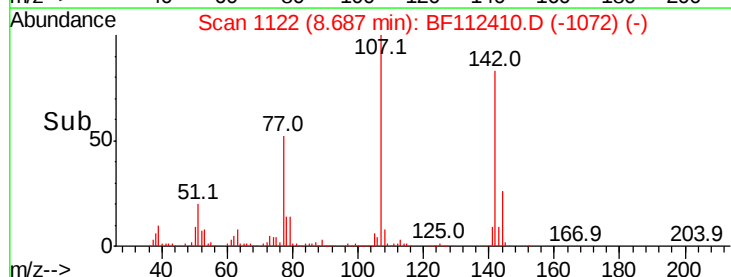
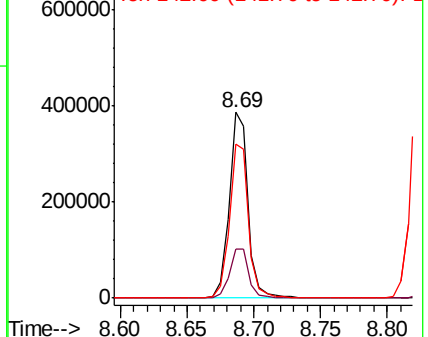
142 82.7 67.7 101.5

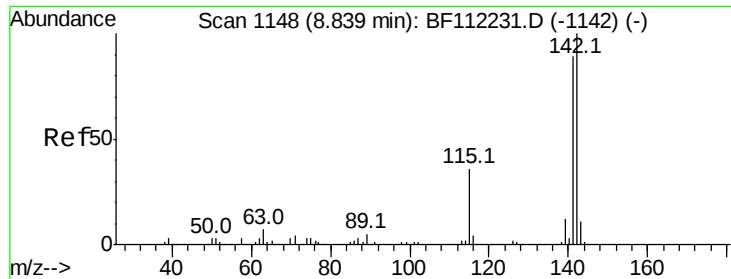


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





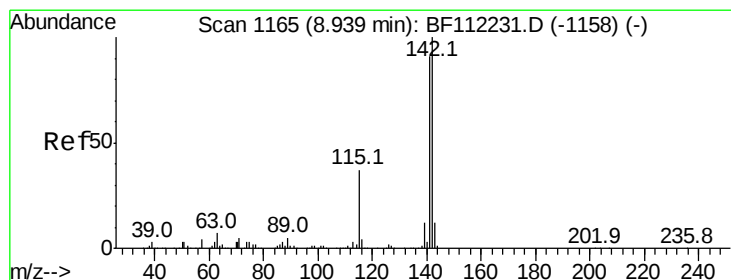
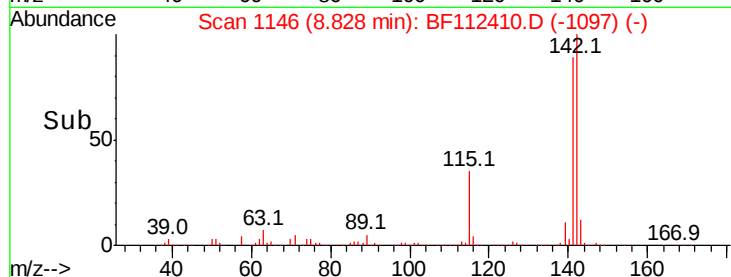
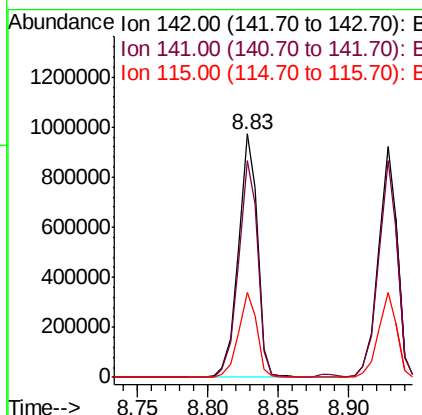
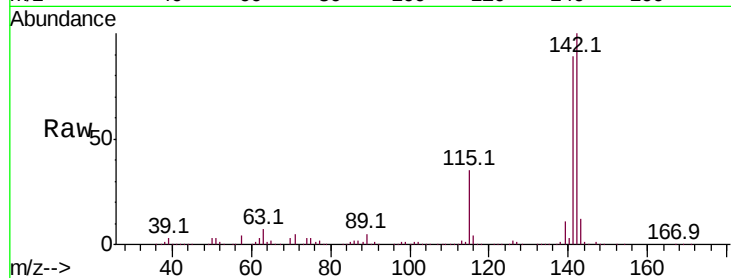
#37
2-Methylnaphthalene
Concen: 46.706 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-AMS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	909335		
141	89.3		70.9	106.3
115	34.9		24.9	37.3

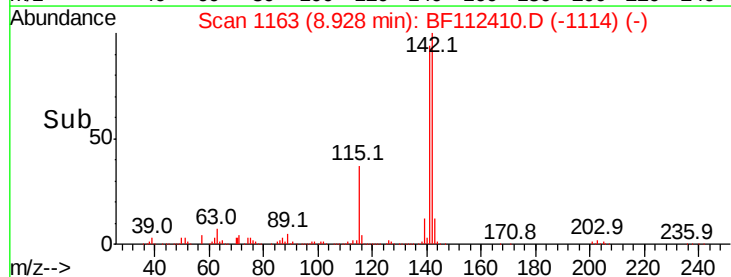
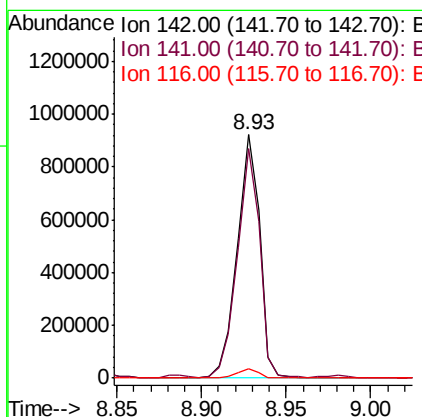
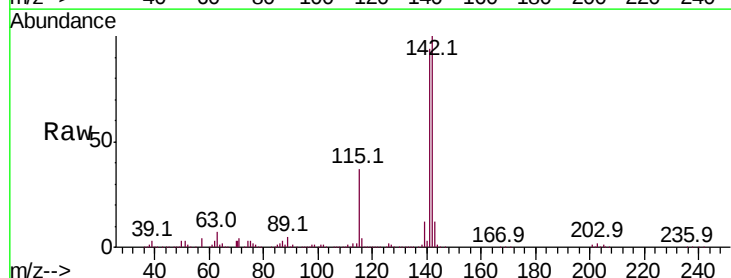
Manual Integrations
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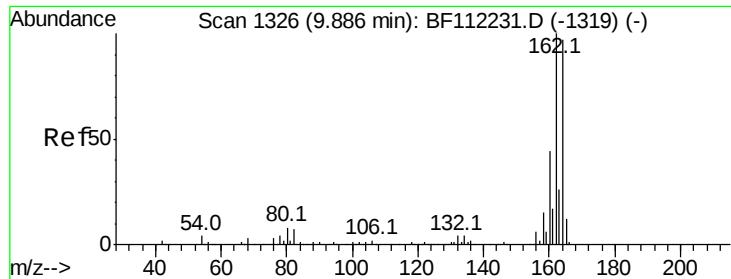
mohammad
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#38
1-Methylnaphthalene
Concen: 45.586 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	850691		
141	94.1		72.6	108.8
116	3.9		2.8	4.2





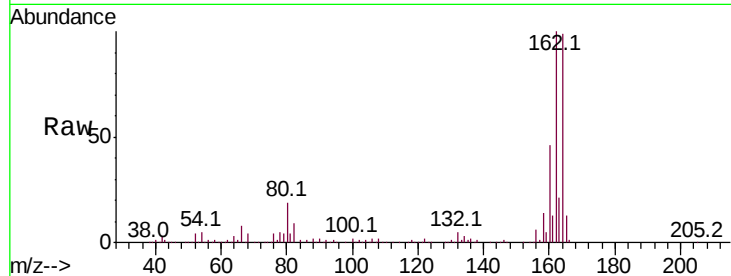
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112410.D
 Acq: 5 Feb 2019 21:49

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-020419-AMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.9	82.2	123.4	
160	46.4	36.2	54.4	

Manual Integrations
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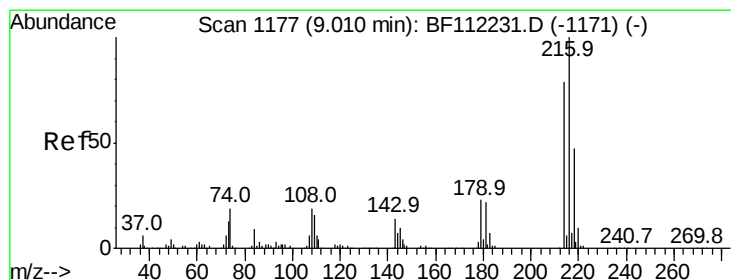
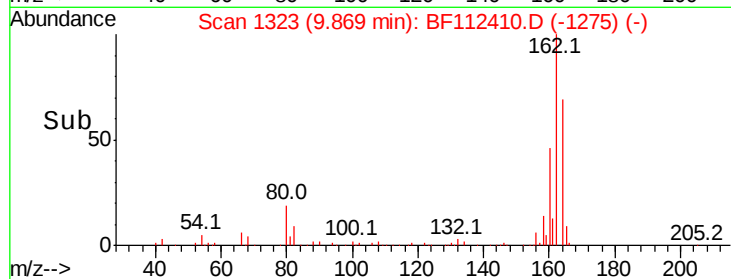
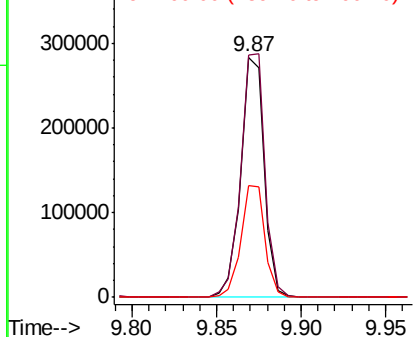


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.625 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF112410.D
 Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.8	63.8	95.6	
179	22.3	16.9	25.3	
108	17.5	14.2	21.4	

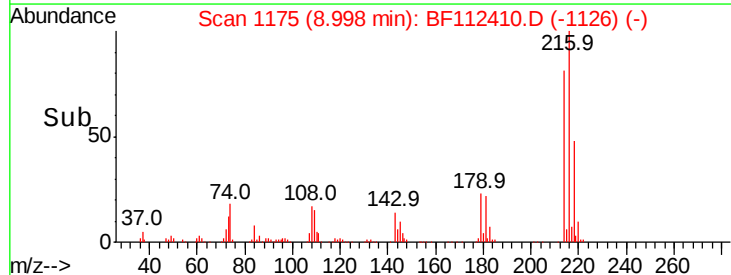
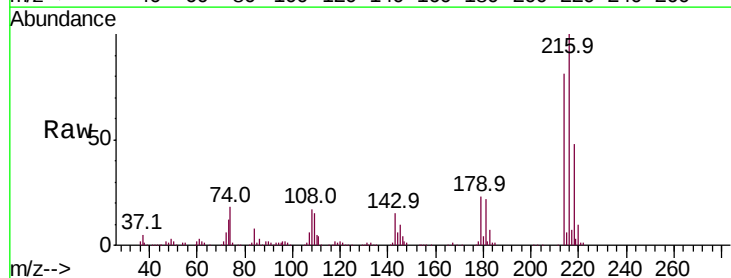
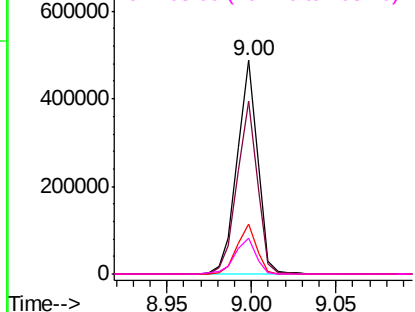
Abundance

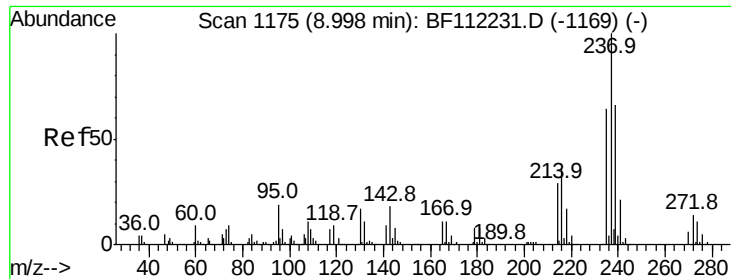
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





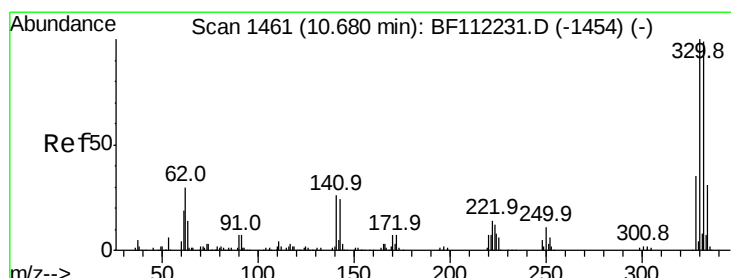
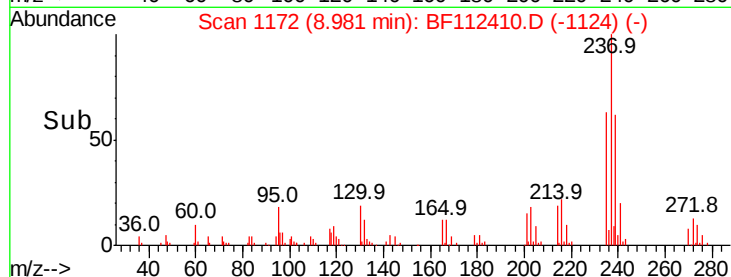
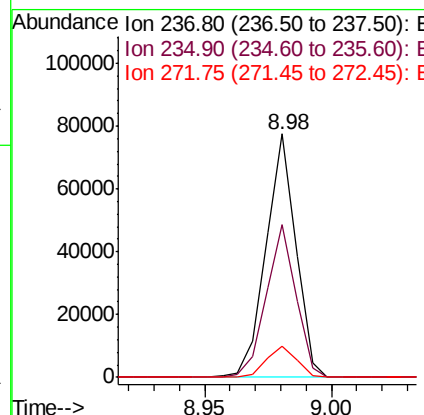
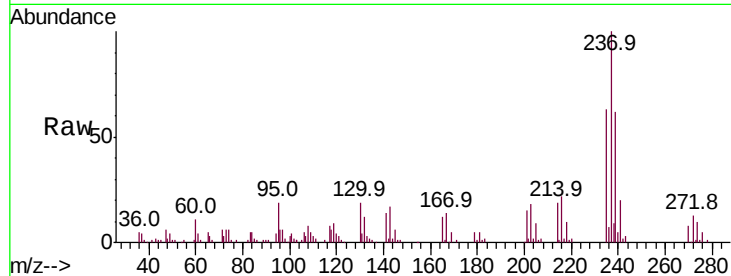
#41
Hexachlorocyclopentadiene
Concen: 25.868 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-AMS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	63431		
235	62.8	44.0	84.0	
272	12.8	0.0	33.3	

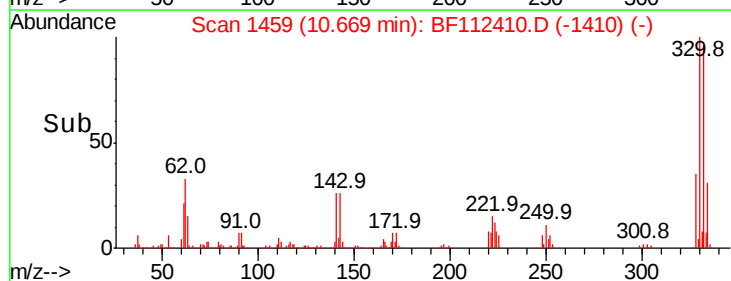
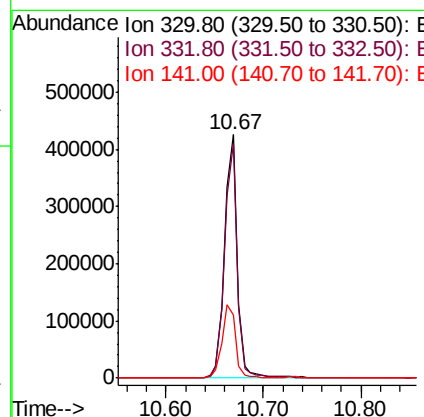
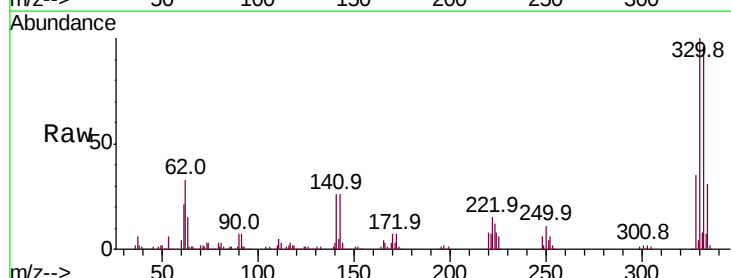
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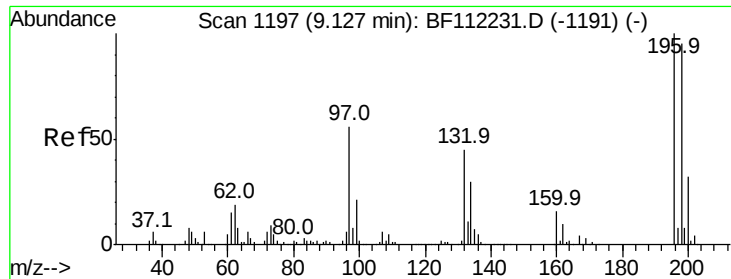
mohammad
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#42
2,4,6-Tribromophenol
Concen: 122.465 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	391287		
332	95.6	76.6	114.8	
141	31.8	24.3	36.5	





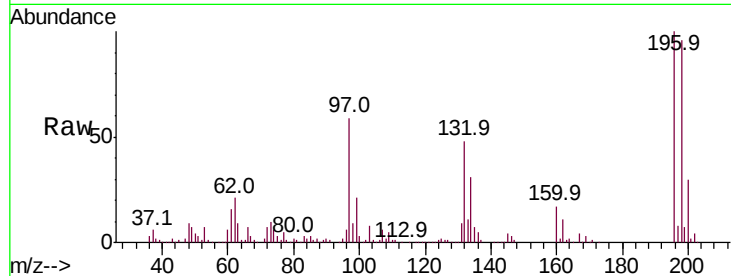
#43
 2,4,6-Trichlorophenol
 Concen: 47.326 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF112410.D
 Acq: 5 Feb 2019 21:49

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-020419-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	262920		
198	96.2	76.2	114.4	
200	30.4	24.3	36.5	

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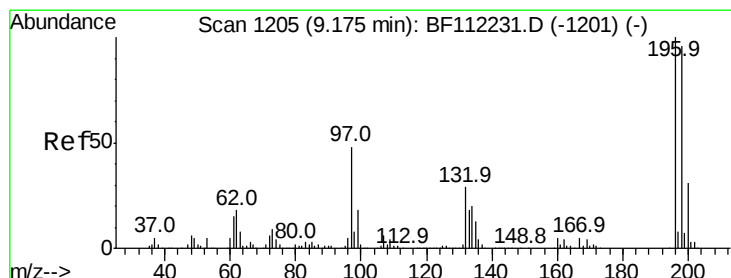
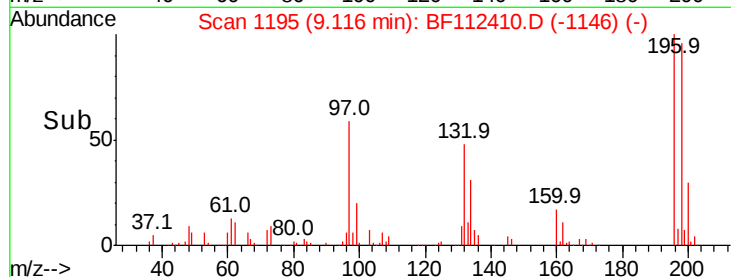
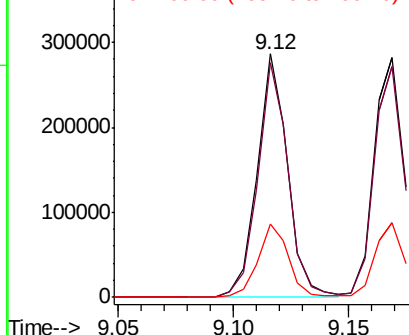


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 47.409 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112410.D
 Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	275271		
198	96.5	76.0	114.0	
97	44.5	36.4	54.6	
132	26.7	21.5	32.3	

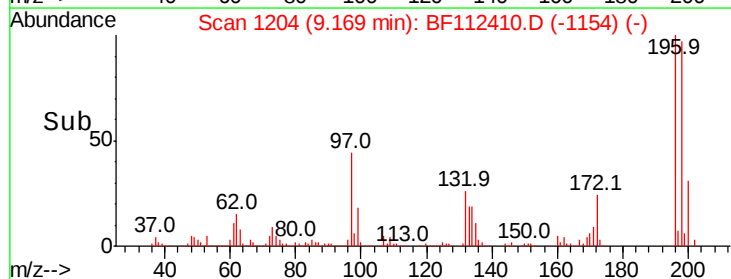
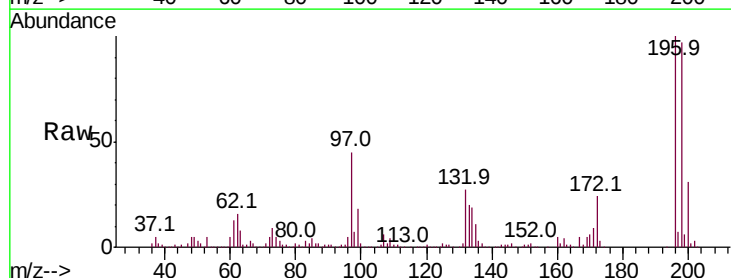
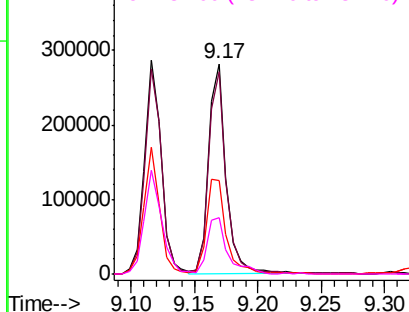
Abundance

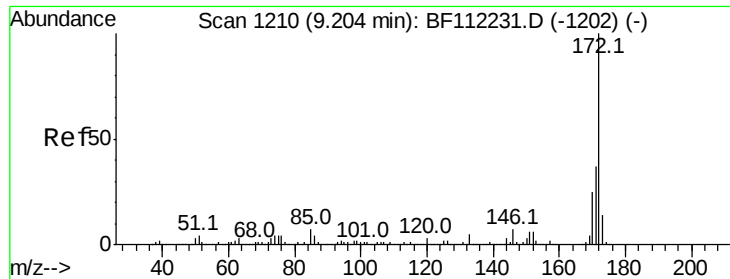
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





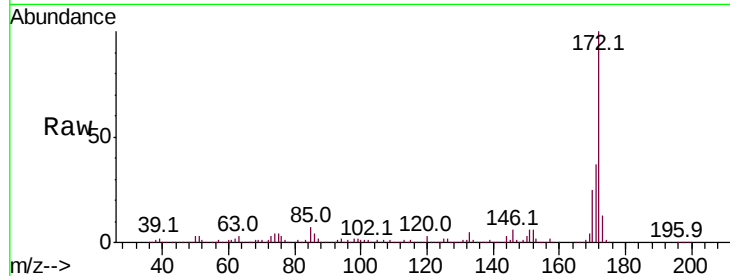
#45
2-Fluorobiphenyl
Concen: 91.372 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-AMS

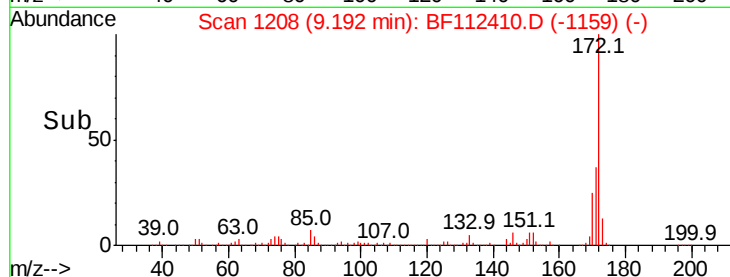
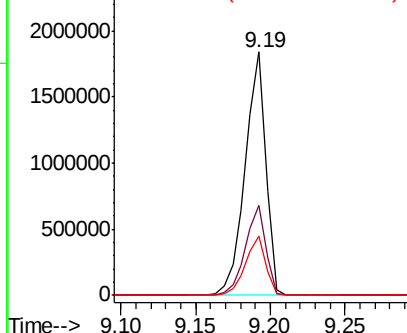
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.5	45.7
170	24.6	20.2	30.4

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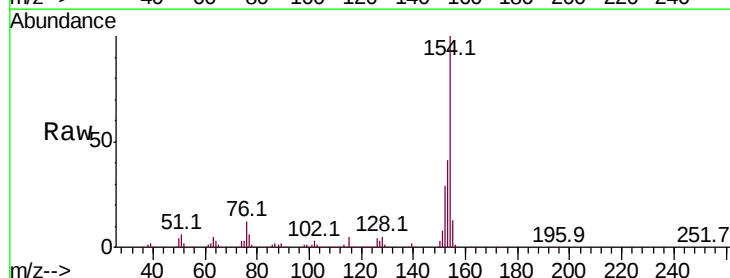
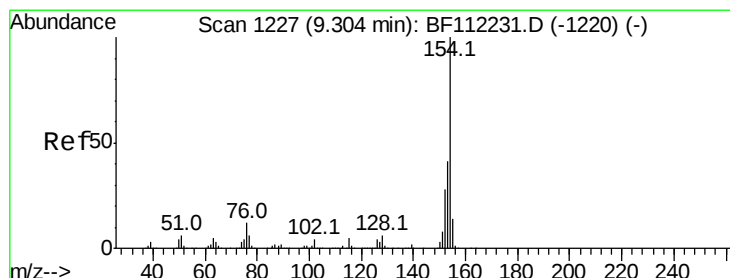
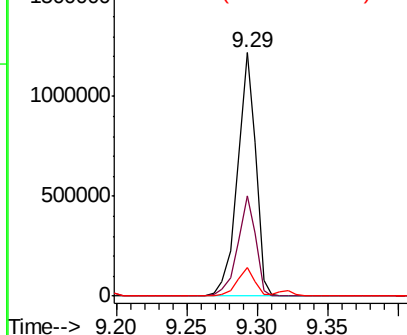
Abundance Ion 172.00 (171.70 to 172.70): E
2500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

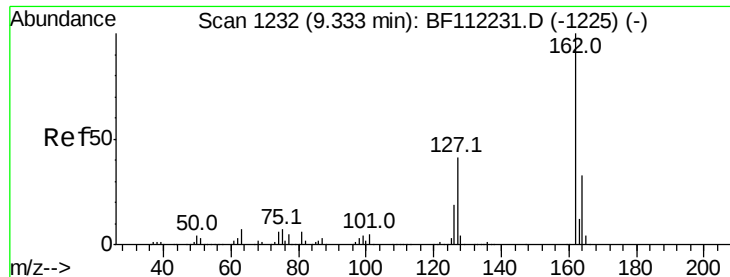


#46
1,1'-Biphenyl
Concen: 45.489 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.5	61.5
76	11.6	0.0	33.1

Abundance Ion 154.00 (153.70 to 154.70): E
1500000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





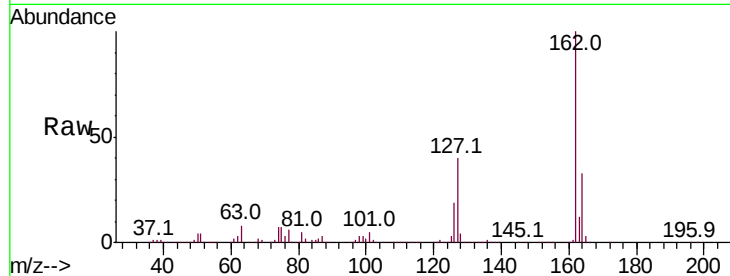
#47
2-Chloronaphthalene
Concen: 44.317 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-AMS

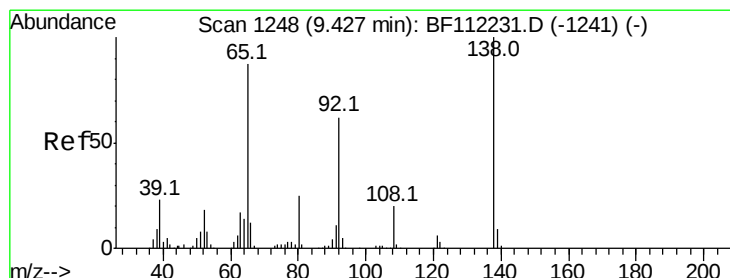
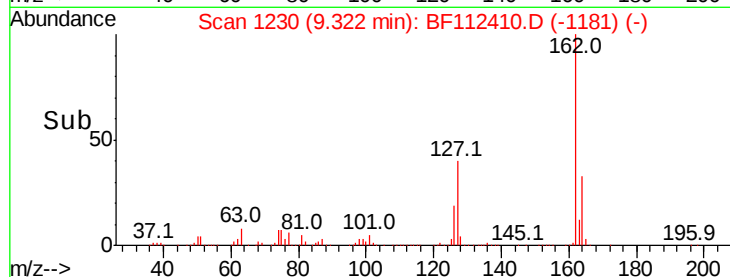
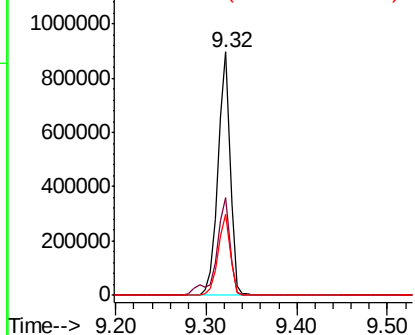
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.2	30.4	45.6	
164	33.4	27.4	41.2	

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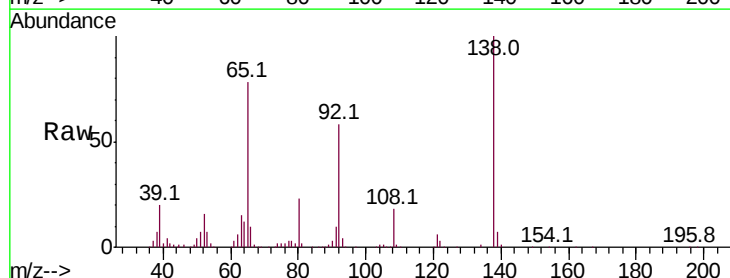


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

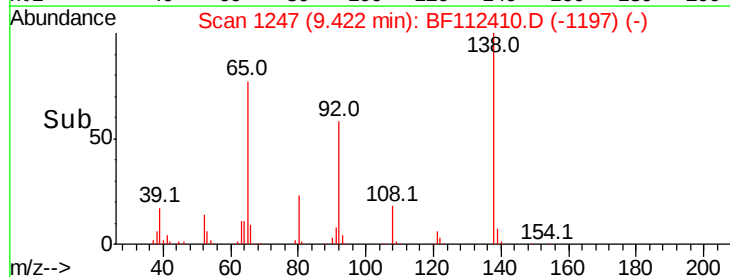
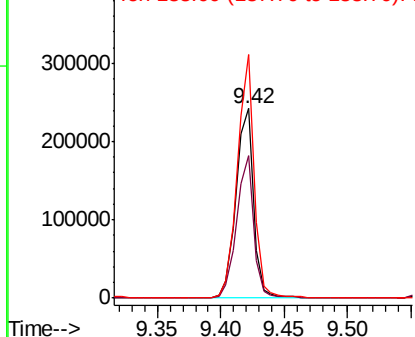


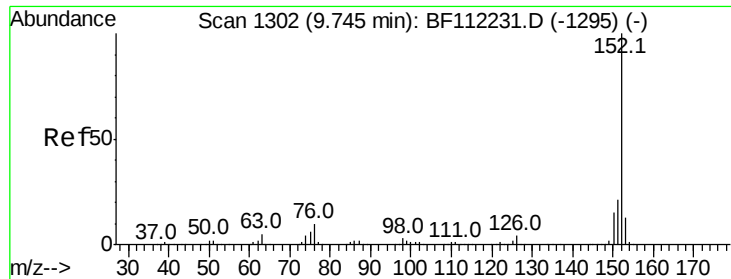
#48
2-Nitroaniline
Concen: 45.804 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	75.0	60.4	90.6	
138	128.4	104.4	156.6	



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.831 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

Instrument :

BNA_F

ClientSampleId :

HR-05-020419-AMS

Tot Ion:152 Resp: 1277360

Ion Ratio Lower Upper

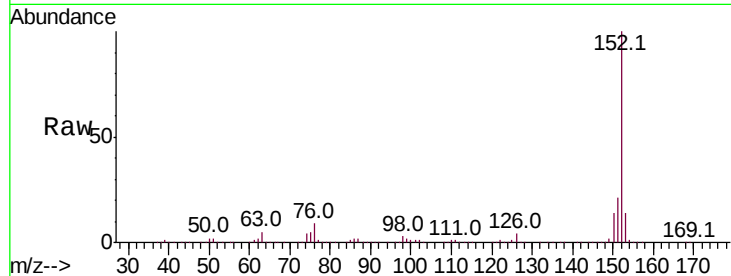
152 100

151 20.7 17.0 25.6

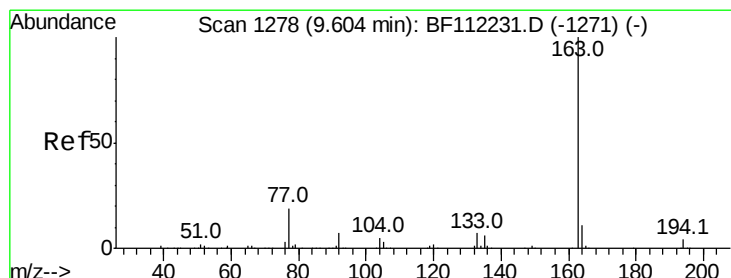
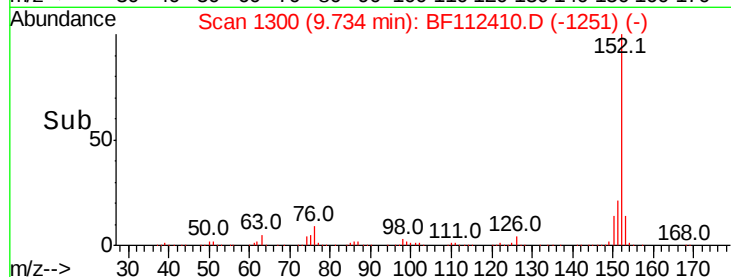
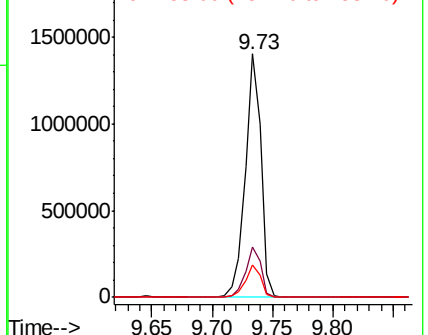
153 13.6 11.2 16.8

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.400 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

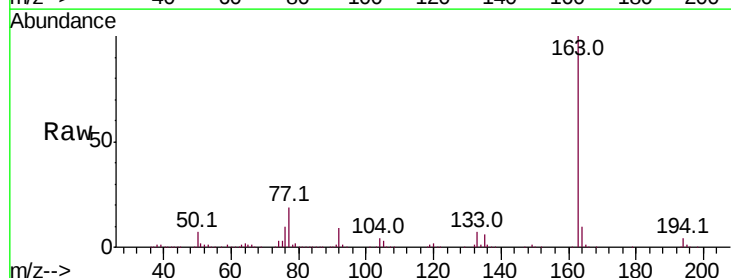
Tgt Ion:163 Resp: 989579

Ion Ratio Lower Upper

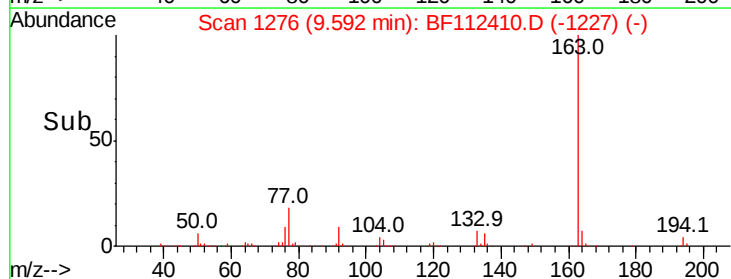
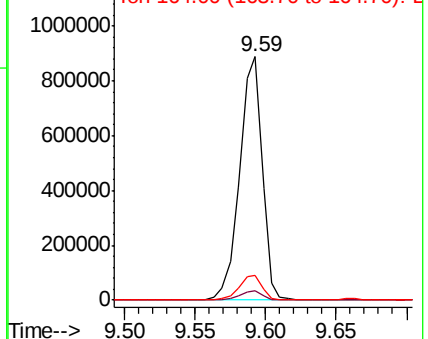
163 100

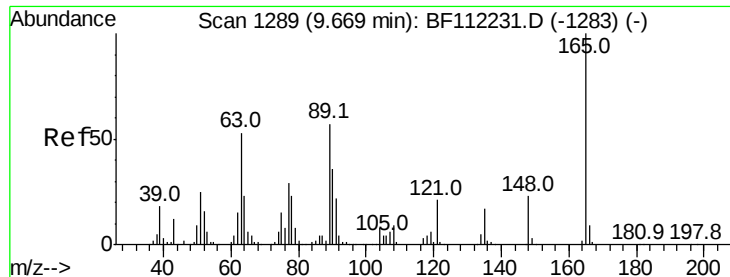
194 4.0 3.3 4.9

164 10.1 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.730 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

Instrument :

BNA_F

ClientSampleId :

HR-05-020419-AMS

Tot Ion:165 Resp: 208872
Ion Ratio Lower Upper

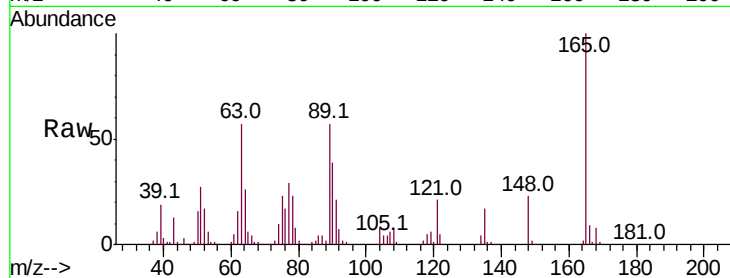
165 100

63 56.7 33.8 50.8#

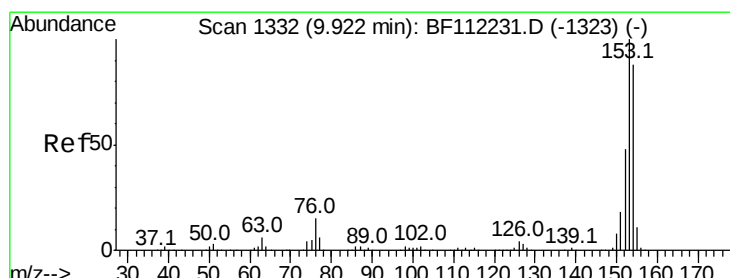
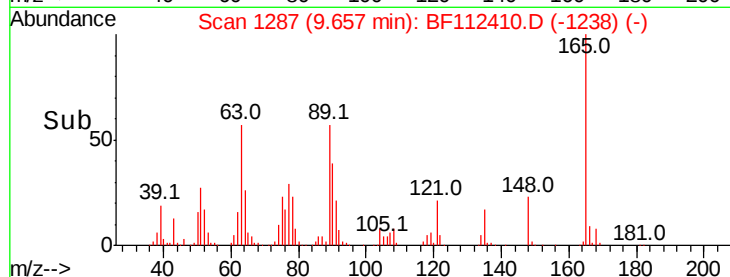
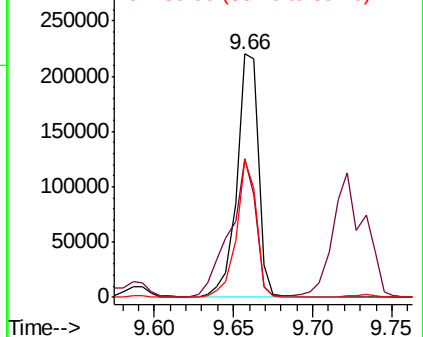
89 56.5 36.9 55.3#

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 44.984 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF112410.D

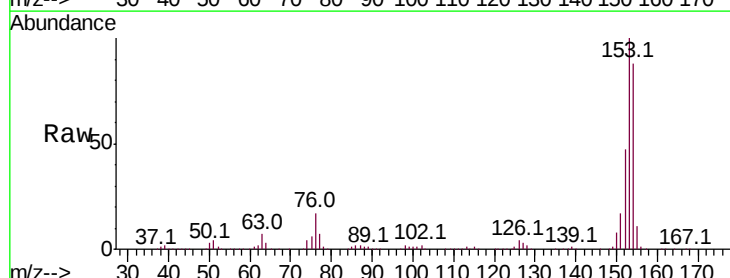
Acq: 5 Feb 2019 21:49

Tgt Ion:154 Resp: 732964
Ion Ratio Lower Upper

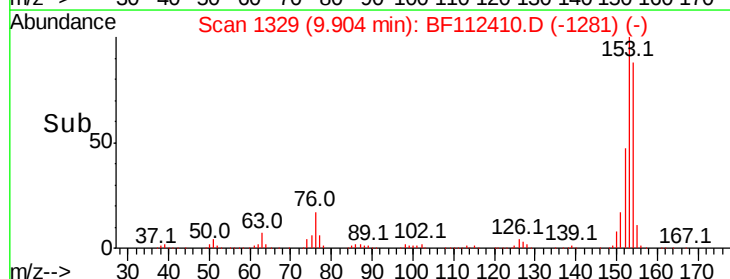
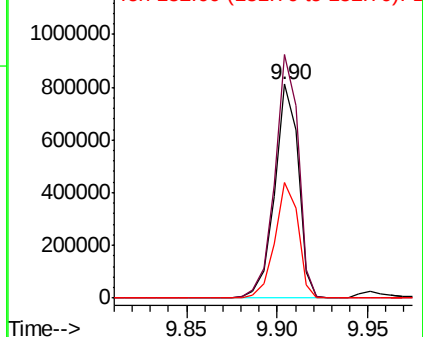
154 100

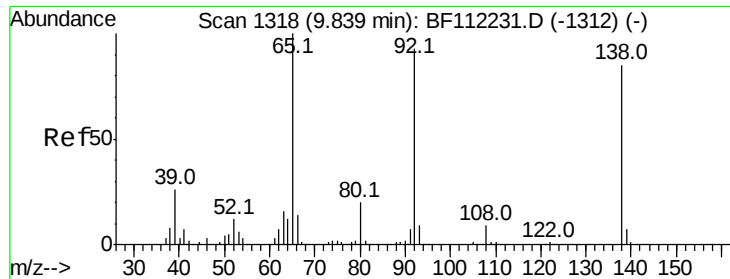
153 113.7 89.8 134.6

152 53.9 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





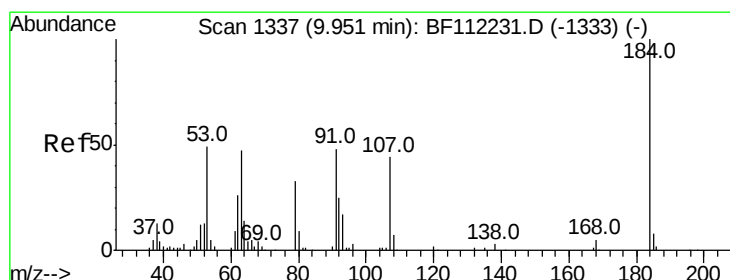
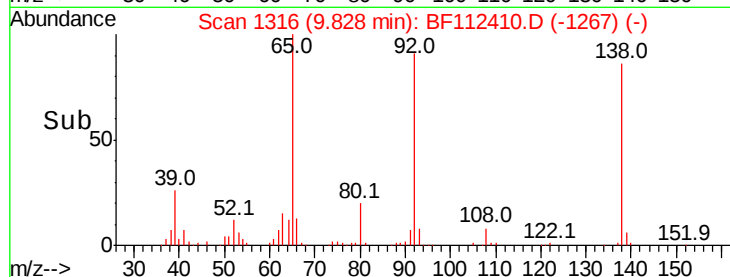
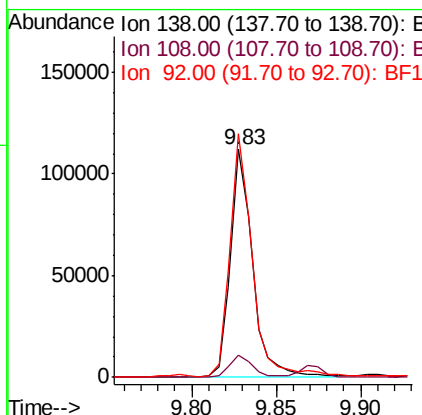
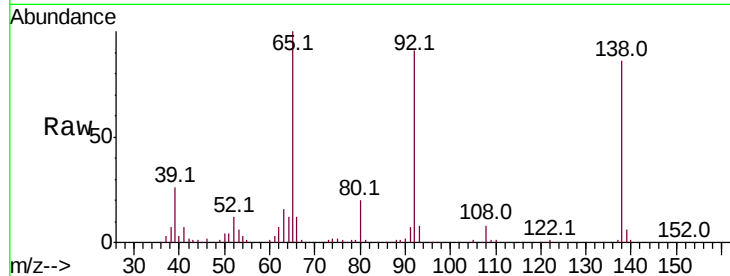
#53
3-Nitroaniline
Concen: 19.790 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.8	14.6
92	106.8	79.4	119.2

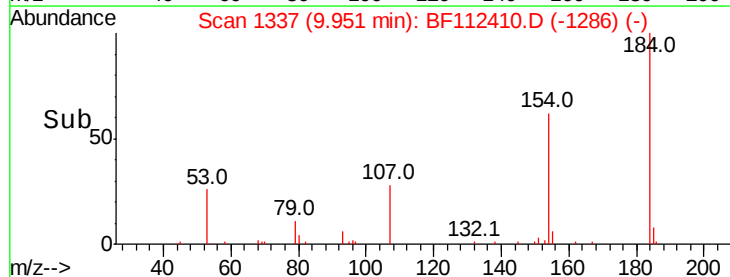
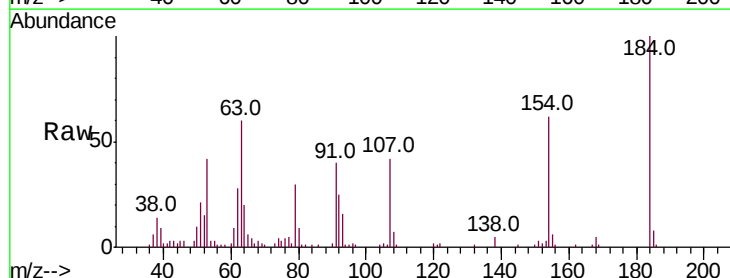
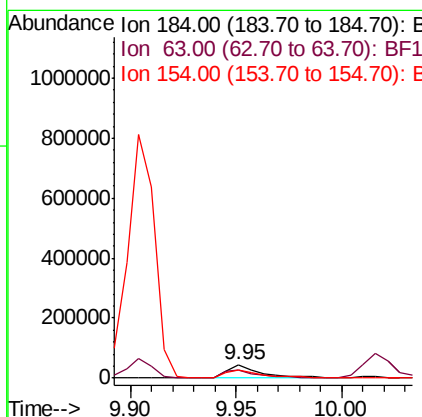
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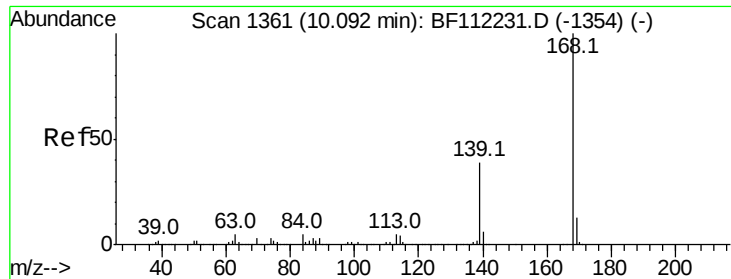
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#54
2,4-Dinitrophenol
Concen: 32.613 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.7	47.1	70.7
154	62.1	48.9	73.3





#55

Dibenzofuran

Concen: 43.410 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

Instrument :

BNA_F

ClientSampleId :

HR-05-020419-AMS

Tot Ion:168 Resp: 1080897

Ion Ratio Lower Upper

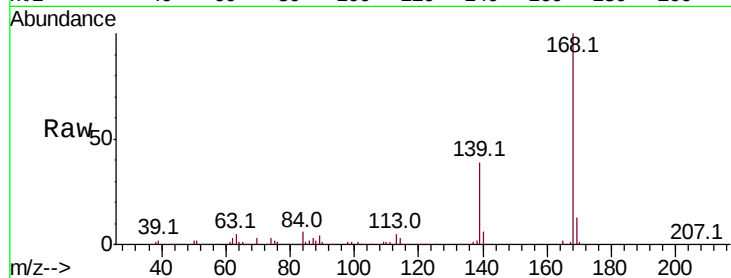
168 100

139 38.8 29.2 43.8

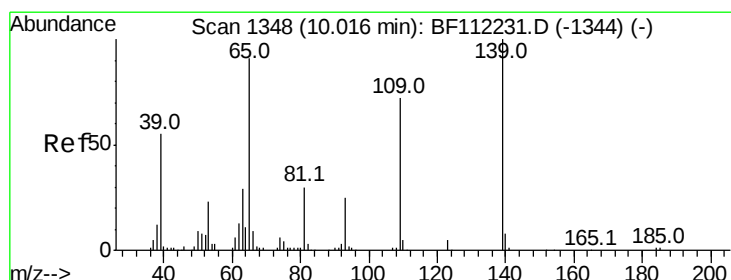
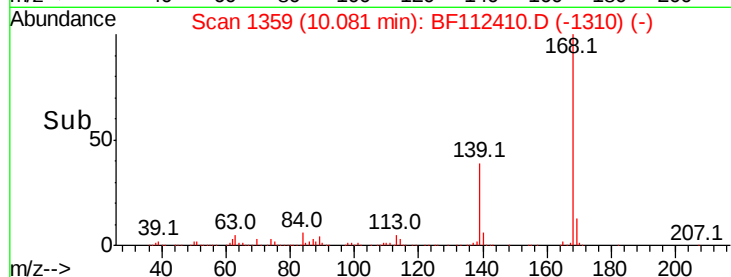
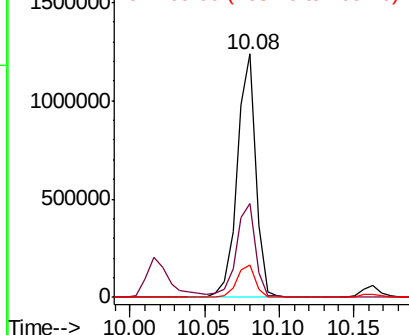
169 13.4 11.4 17.0

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 79.722 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

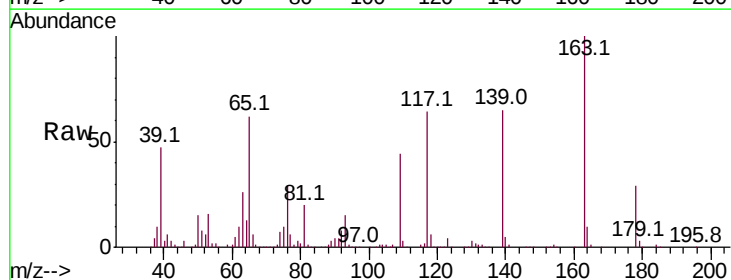
Tgt Ion:139 Resp: 218105

Ion Ratio Lower Upper

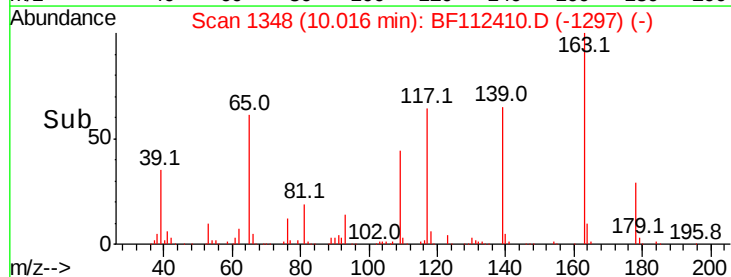
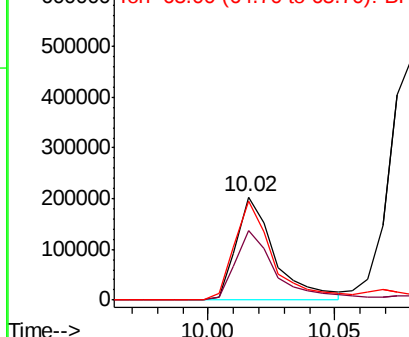
139 100

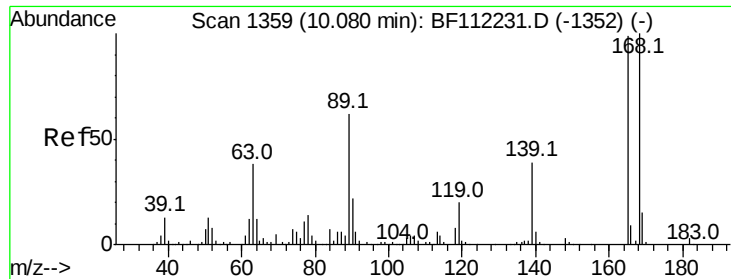
109 67.8 42.8 82.8

65 95.3 66.1 106.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





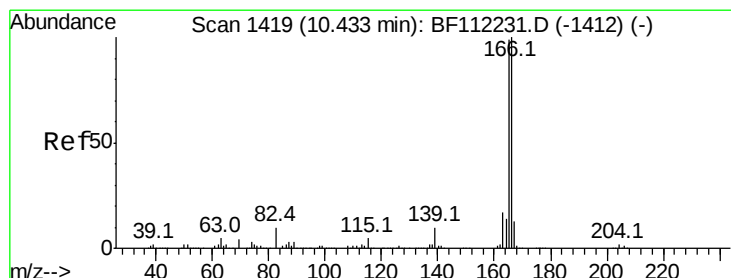
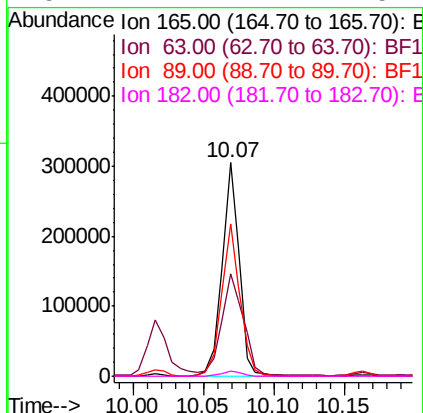
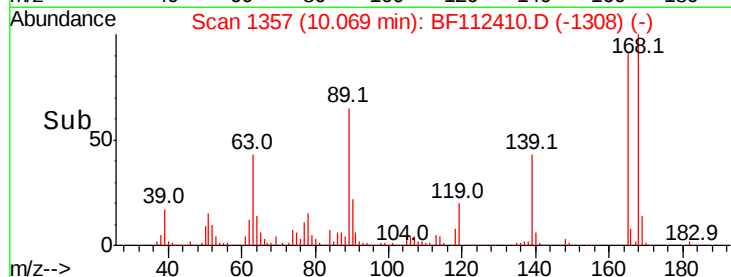
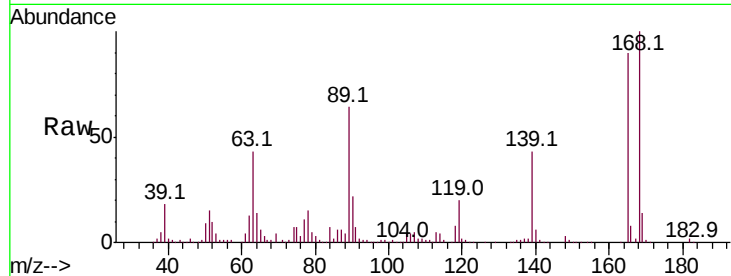
#57
2,4-Dinitrotoluene
Concen: 42.284 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.9	27.9	41.9#	
89	71.3	47.9	71.9	
182	2.7	2.2	3.4	

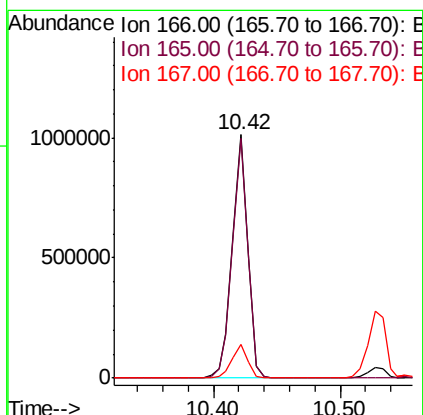
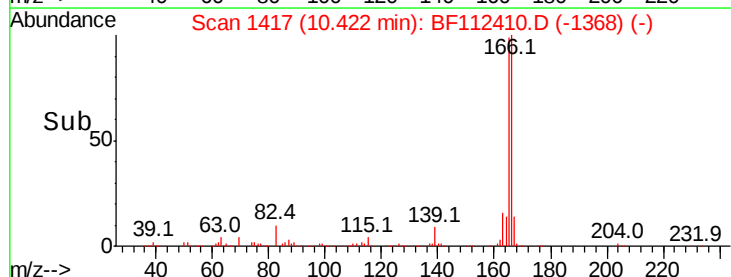
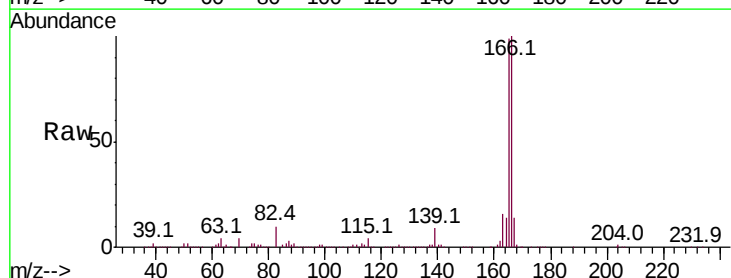
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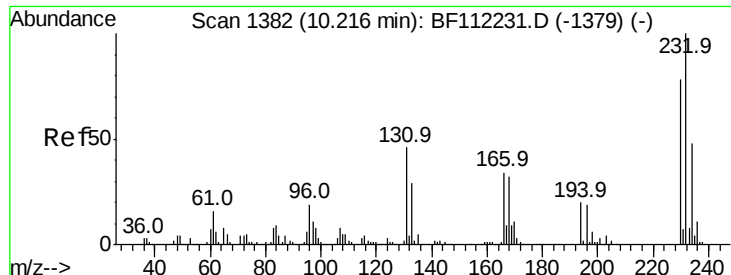
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#58
Fluorene
Concen: 46.075 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.6	77.1	115.7	
167	13.7	11.3	16.9	





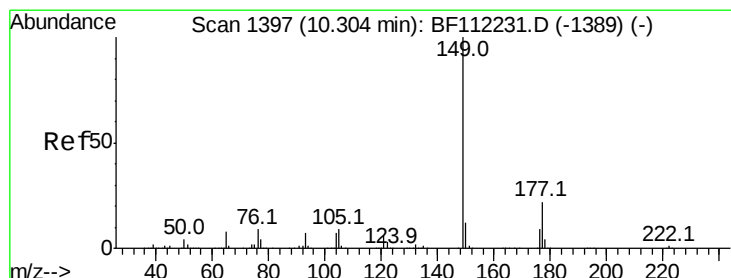
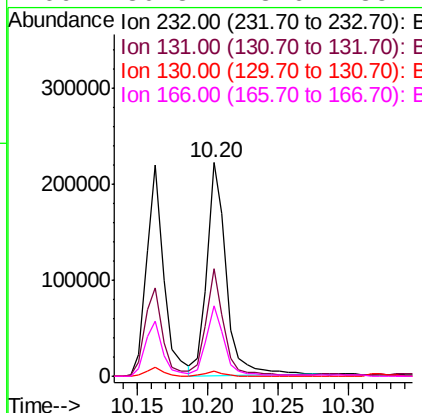
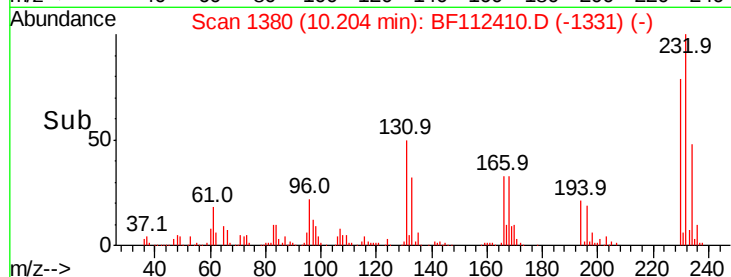
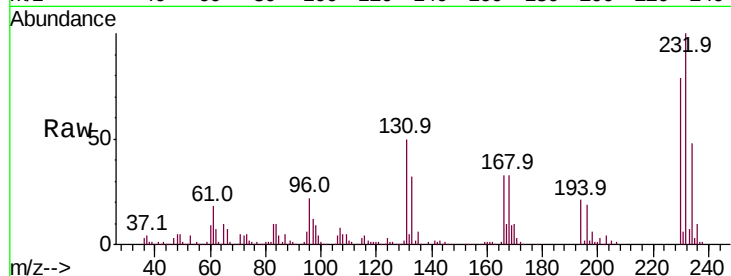
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.980 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-AMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	210528		
131	45.8	33.9	50.9	
130	2.5	1.8	2.6	
166	30.8	23.6	35.4	

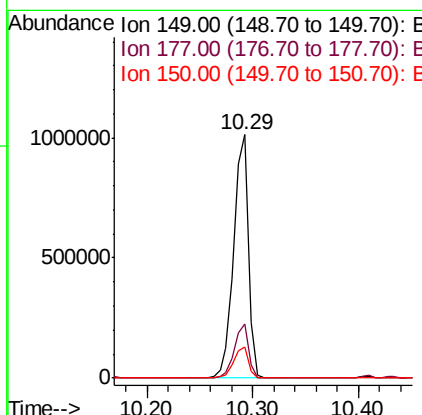
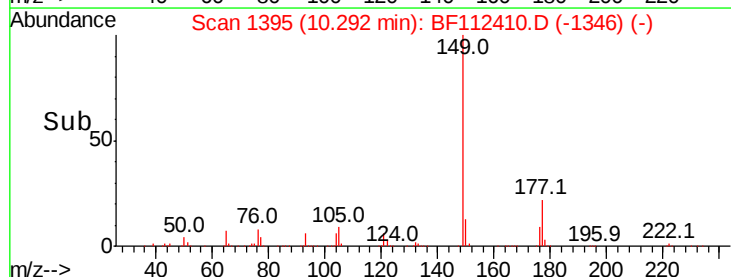
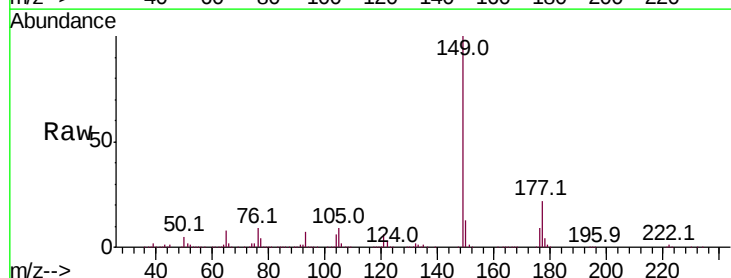
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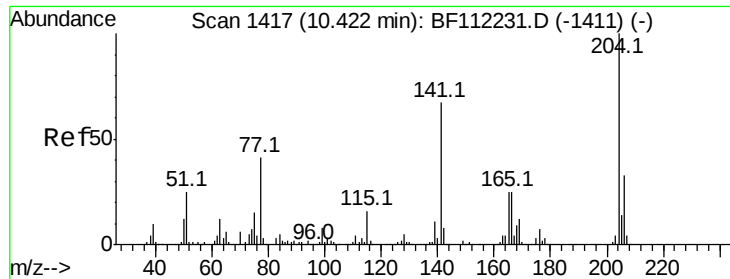
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#60
Diethylphthalate
Concen: 45.598 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	965068		
177	22.2	18.2	27.2	
150	12.9	10.4	15.6	





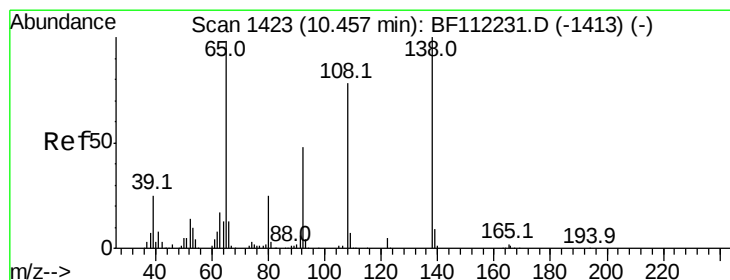
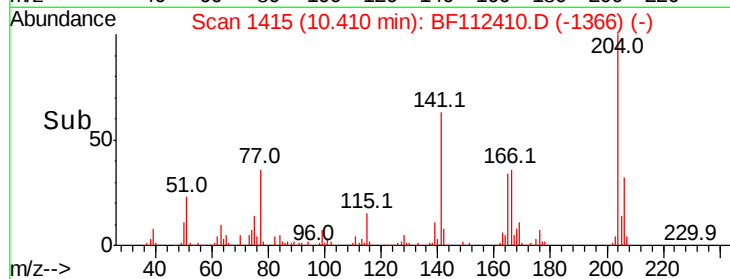
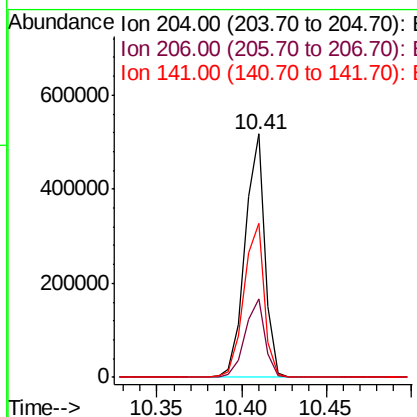
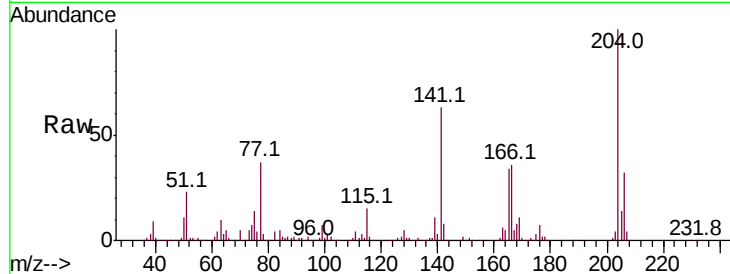
#61
 4-Chlorophenyl-phenylether
 Concen: 41.792 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF112410.D
 Acq: 5 Feb 2019 21:49

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-020419-AMS

Tot Ion:	204	Resp:	423594
Ion Ratio	Lower	Upper	
204	100		
206	32.4	26.5	39.7
141	63.3	45.9	68.9

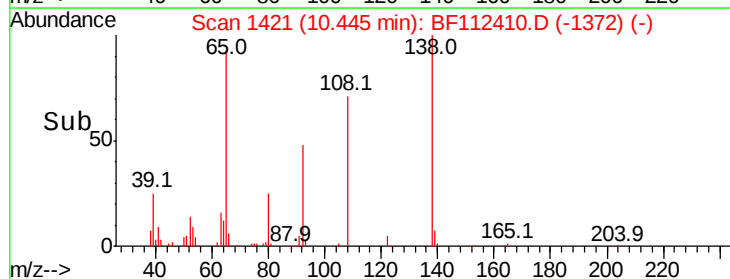
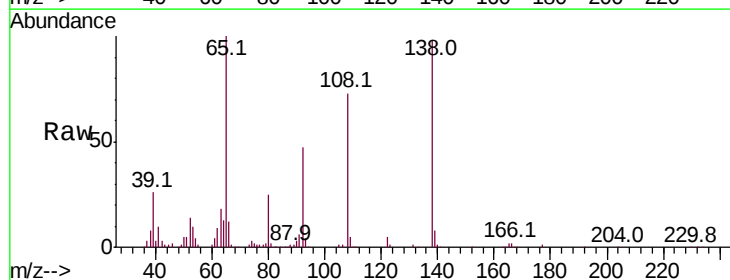
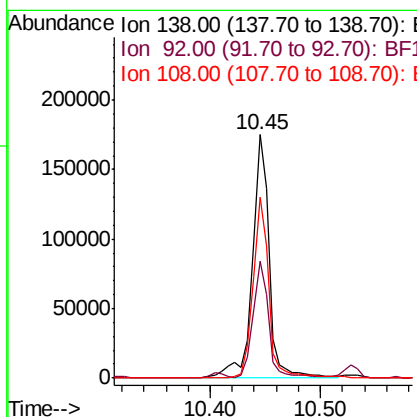
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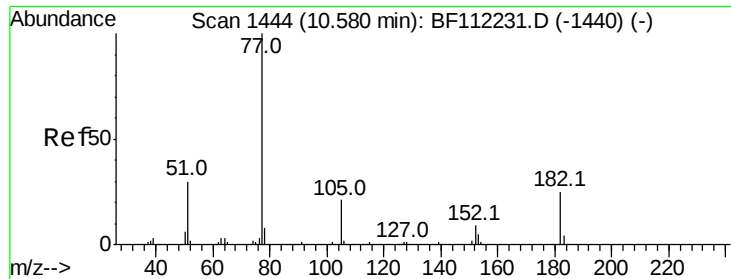
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#62
 4-Nitroaniline
 Concen: 37.268 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF112410.D
 Acq: 5 Feb 2019 21:49

Tgt Ion:	138	Resp:	189160
Ion Ratio	Lower	Upper	
138	100		
92	47.9	30.6	70.6
108	74.4	50.0	90.0





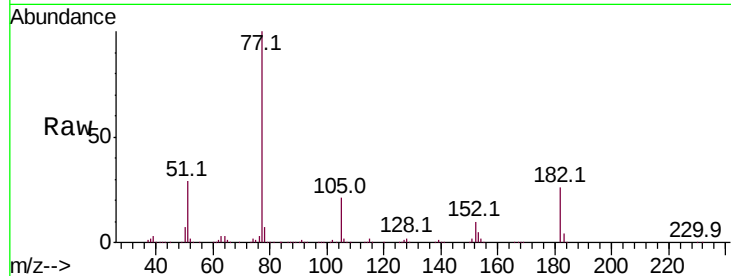
#63
Azobenzene
Concen: 42.294 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-AMS

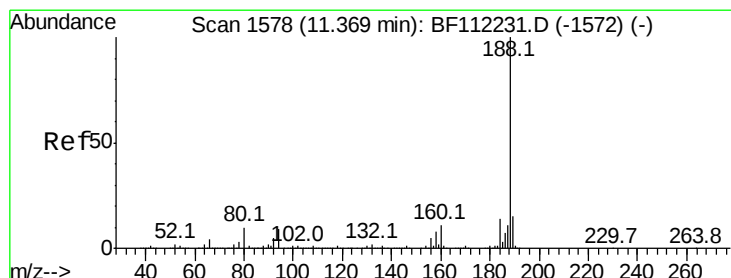
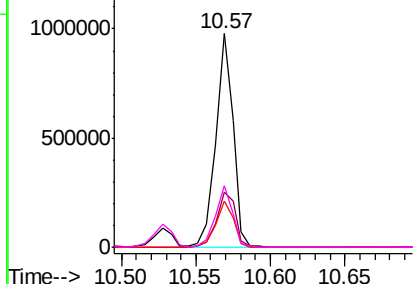
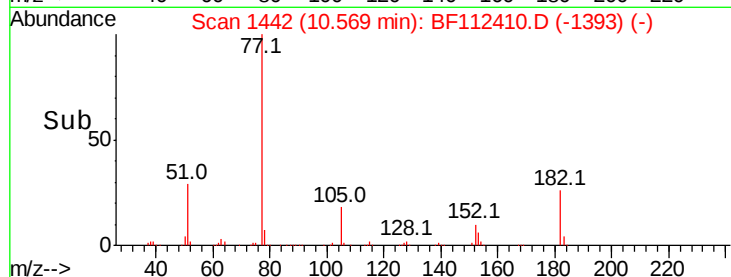
Tot Ion	Ratio	Resp	Lower	Upper
77	100	787256		
182	25.9	5.7	45.7	
105	21.3	1.4	41.4	
51	29.1	9.5	49.5	

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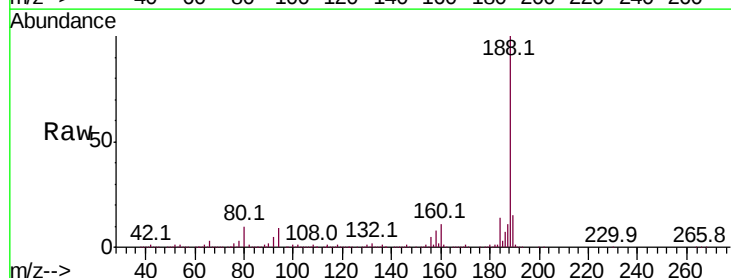


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

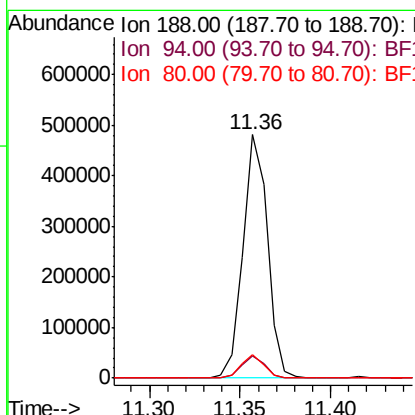
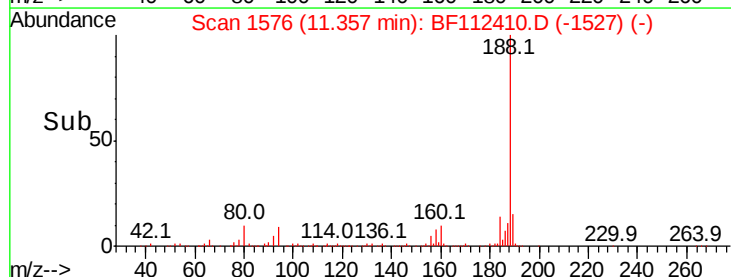


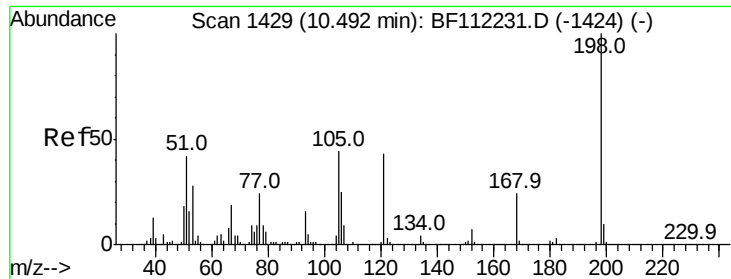
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	453249		
94	9.0	8.2	12.2	
80	9.7	8.9	13.3	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





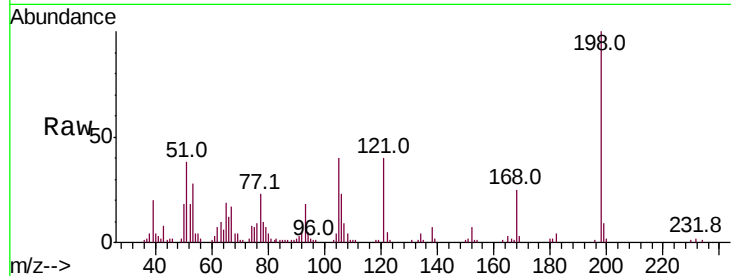
#65
4,6-Dinitro-2-methylphenol
Concen: 17.136 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-AMS

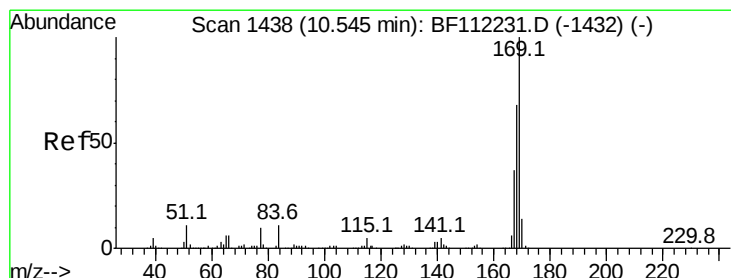
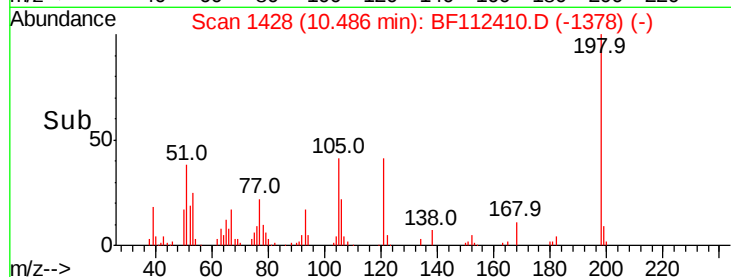
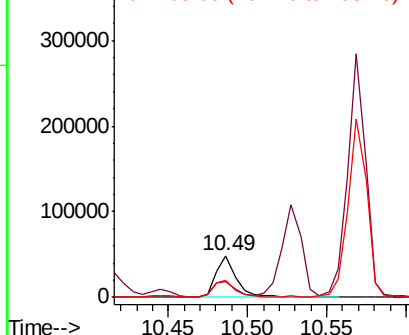
Tot Ion	Ratio	Lower	Upper
198	100		
51	38.0	17.2	57.2
105	39.6	21.9	61.9

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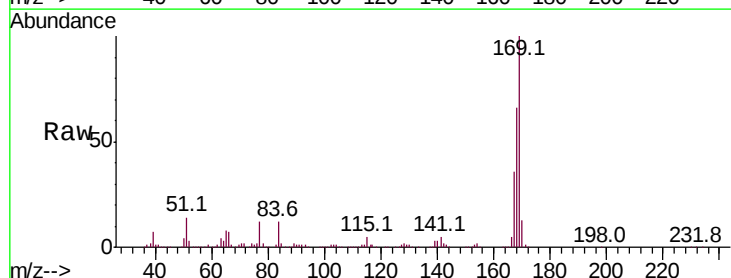


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

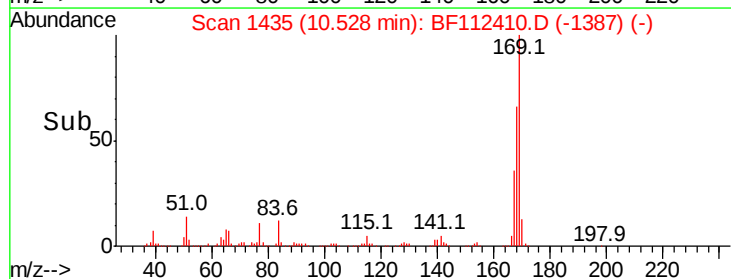
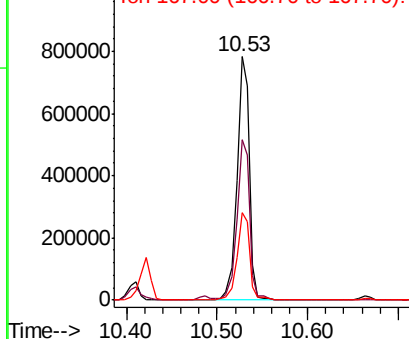


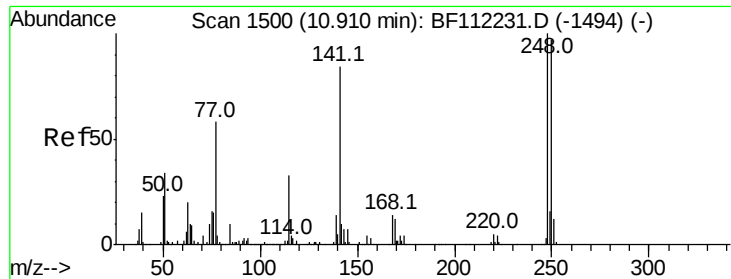
#66
n-Nitrosodiphenylamine
Concen: 49.525 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.0	53.9	80.9
167	35.8	28.9	43.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 47.524 ng

RT: 10.90 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BF112410.D

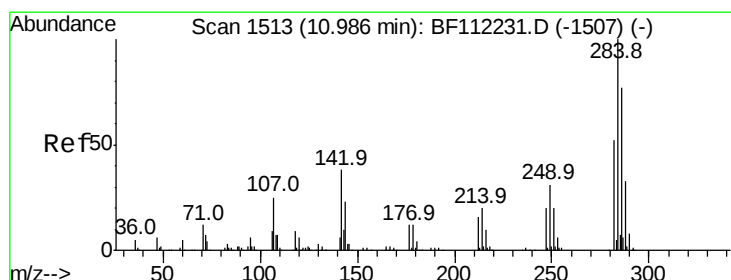
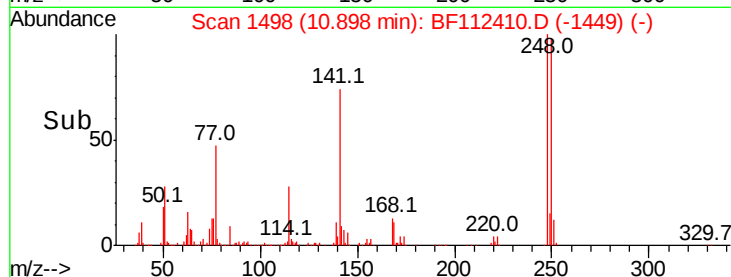
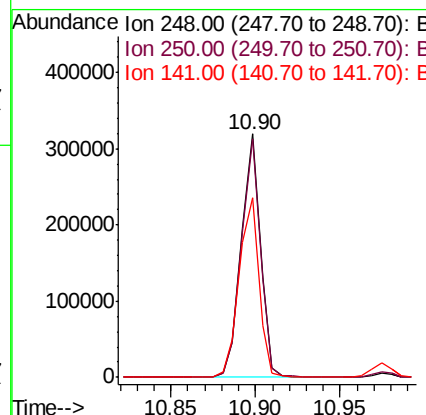
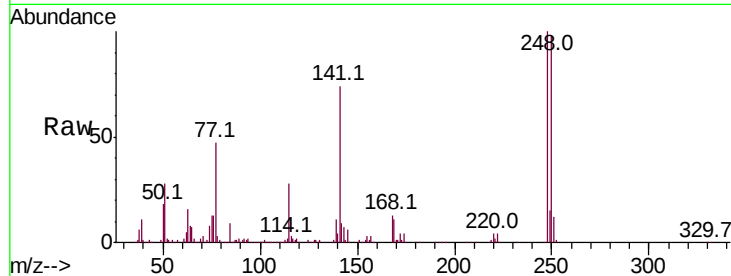
Acq: 5 Feb 2019 21:49

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.7	119.5
141	73.8	60.3	90.5

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#68

Hexachlorobenzene

Concen: 46.056 ng

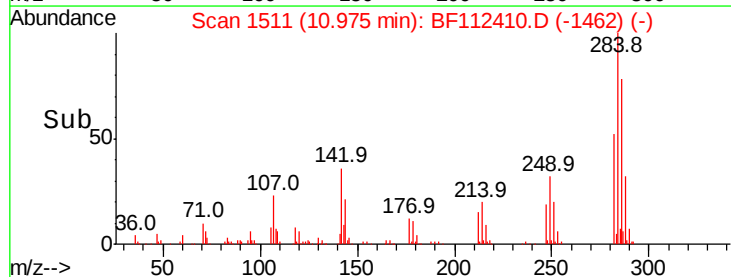
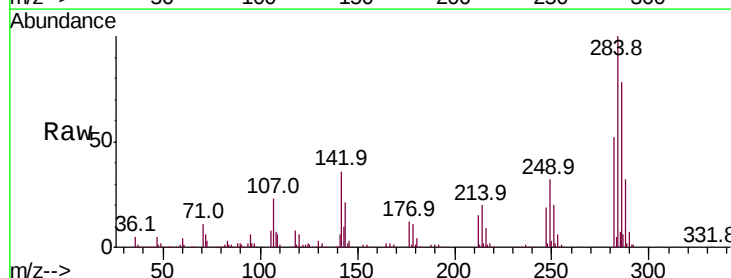
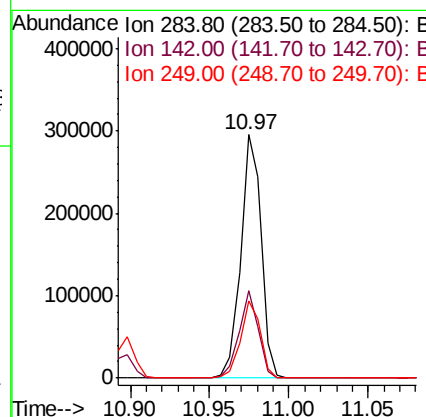
RT: 10.97 min Scan# 1511

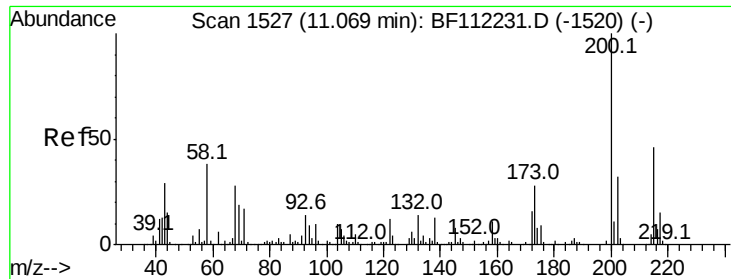
Delta R.T. -0.01 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.9	27.6	41.4
249	31.6	24.1	36.1





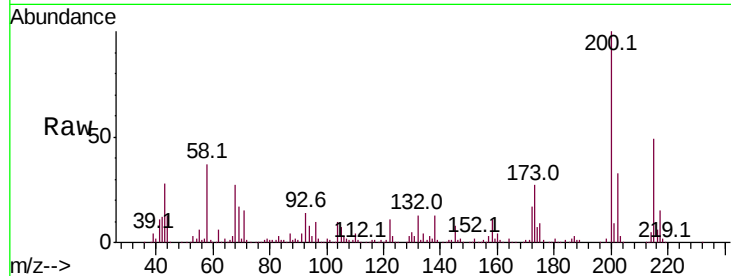
#69
Atrazine
Concen: 42.104 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-AMS

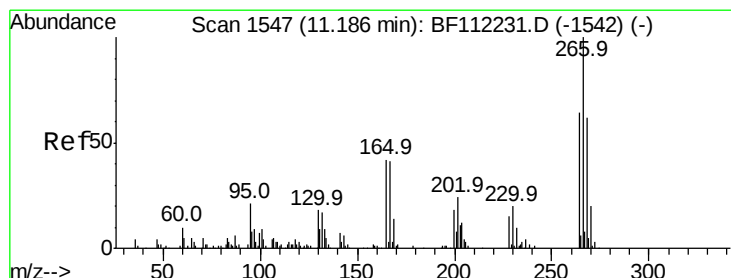
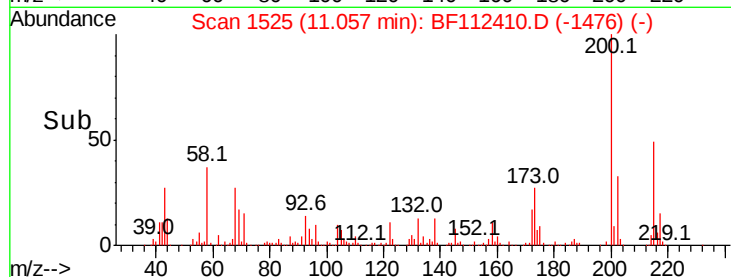
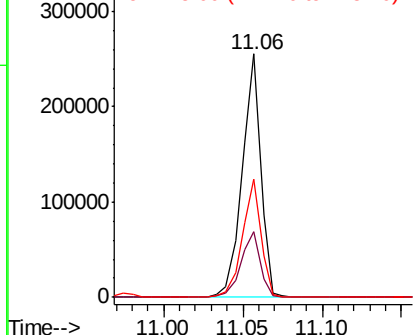
Tot Ion	Ratio	Resp	Lower	Upper
200	100	207530		
173	26.9	7.1	47.1	
215	48.5	30.4	70.4	

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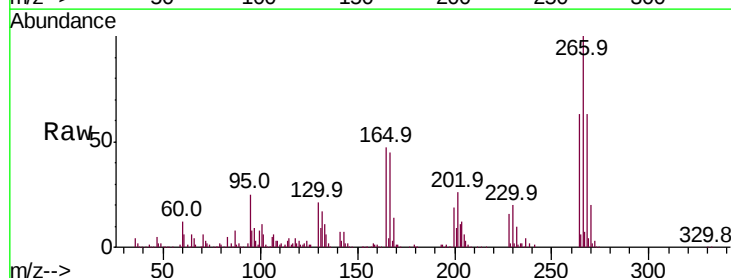


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

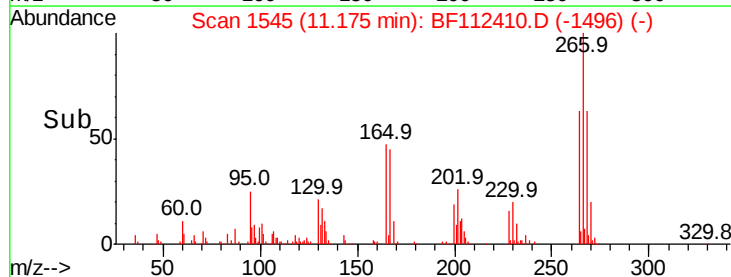
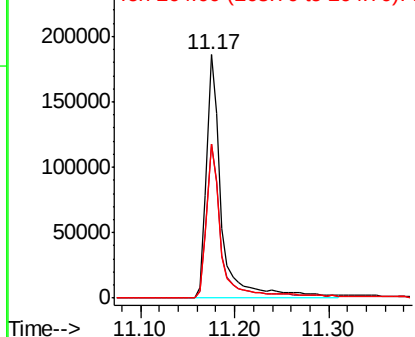


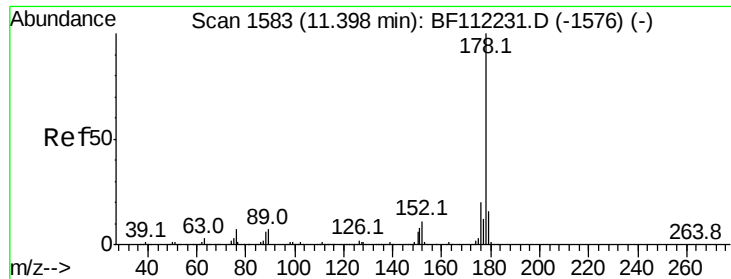
#70
Pentachlorophenol
Concen: 95.517 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	212568		
268	63.2	51.2	76.8	
264	63.4	50.9	76.3	



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





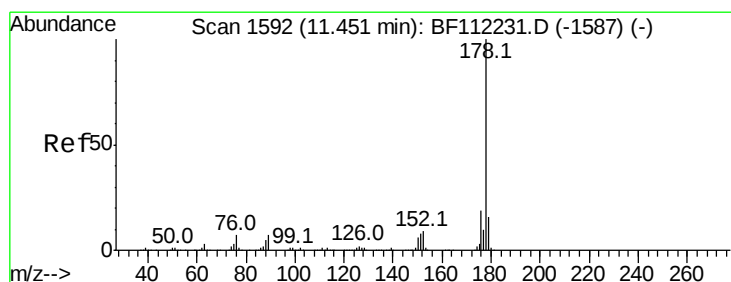
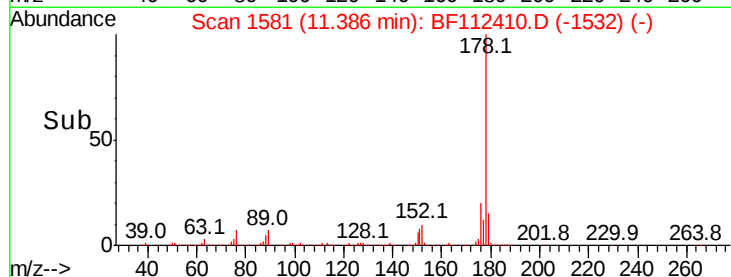
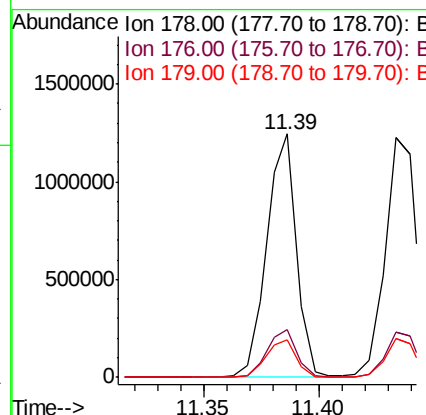
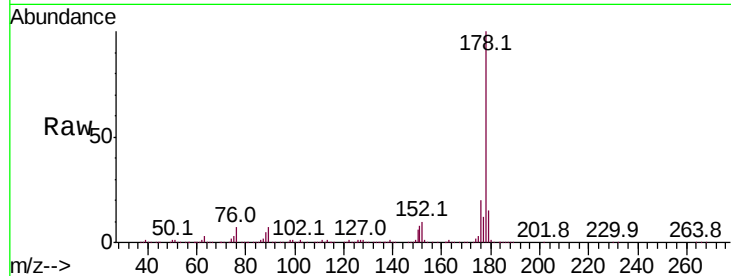
#71
Phenanthrene
Concen: 47.408 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.3	24.5
179	15.5	13.0	19.4

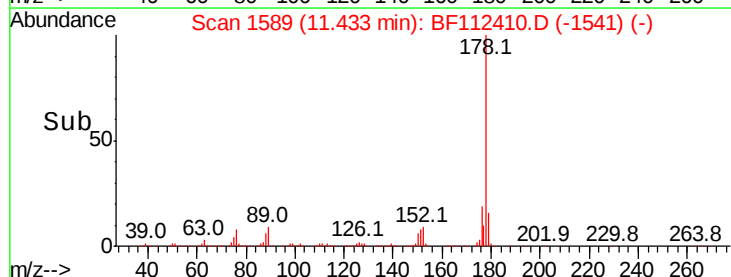
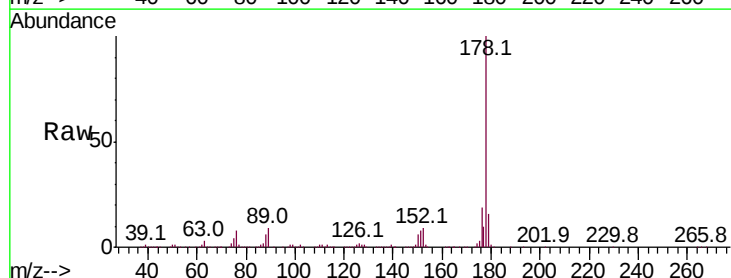
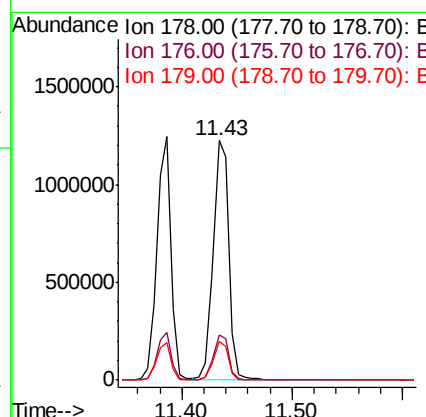
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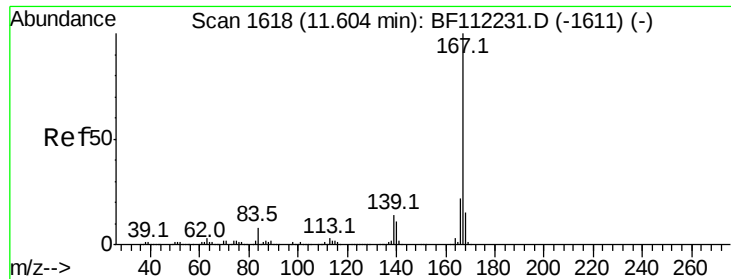
mohammad
2/6/2019 9:16:18 AM



#72
Anthracene
Concen: 49.429 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	16.1	12.8	19.2





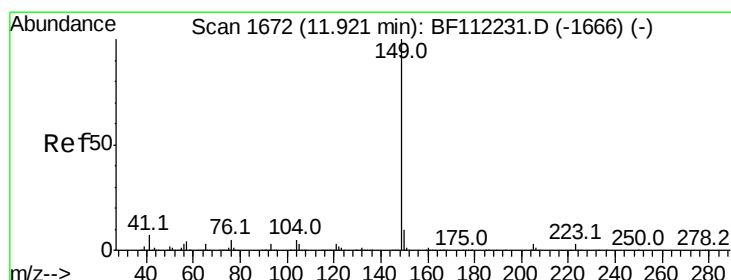
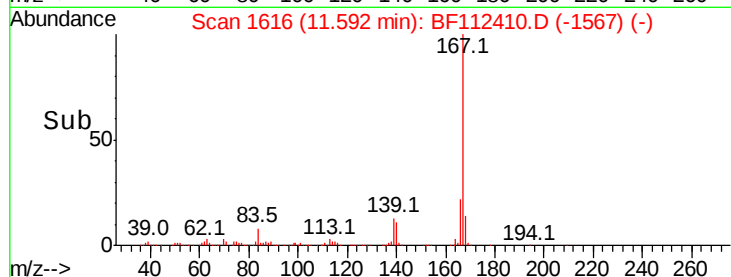
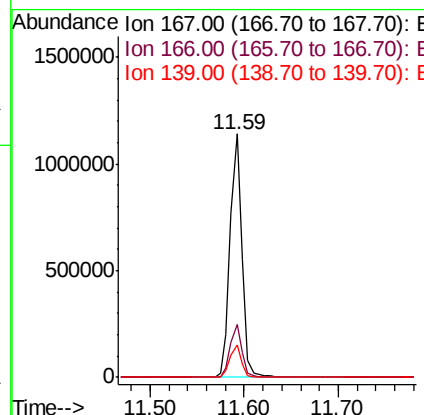
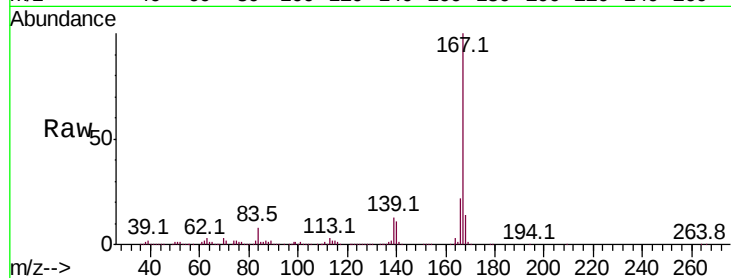
#73
 Carbazole
 Concen: 43.350 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF112410.D
 Acq: 5 Feb 2019 21:49

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-020419-AMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.9	26.9
139	13.5	10.2	15.2

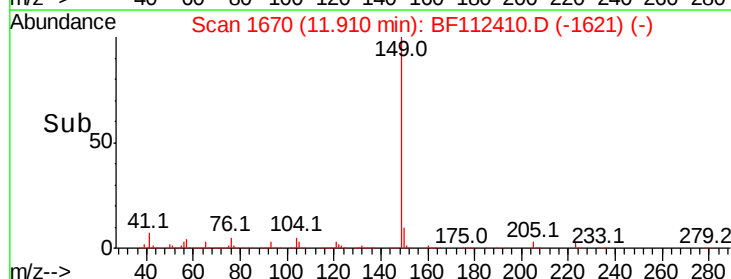
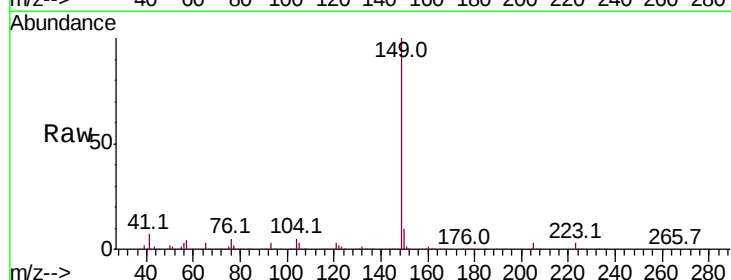
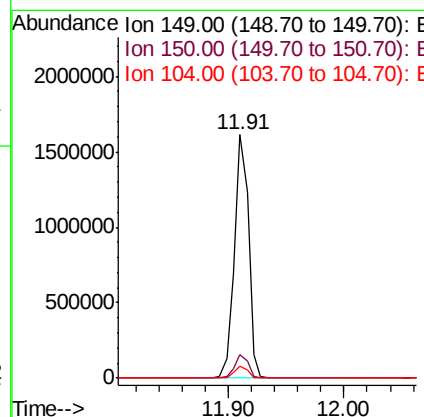
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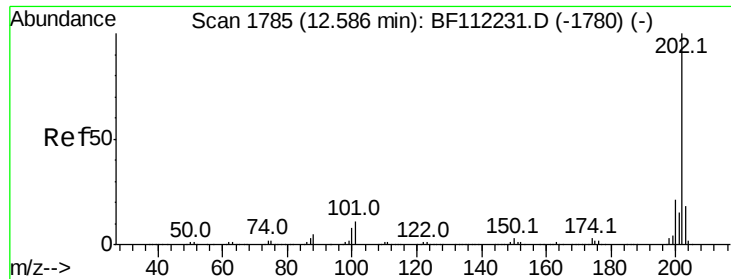
mohammad
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#74
 Di-n-butylphthalate
 Concen: 47.456 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF112410.D
 Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.1	12.1
104	5.1	3.9	5.9





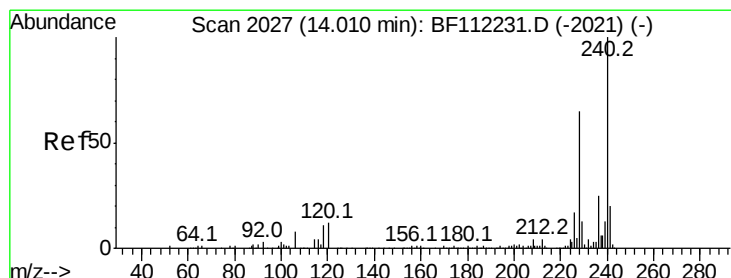
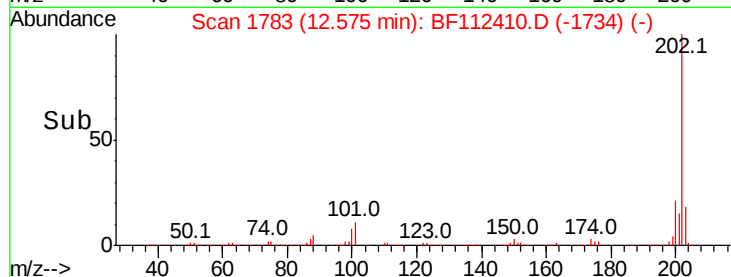
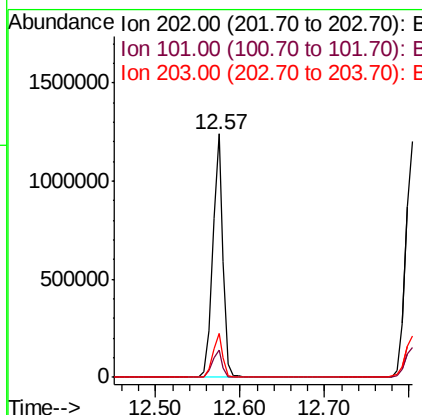
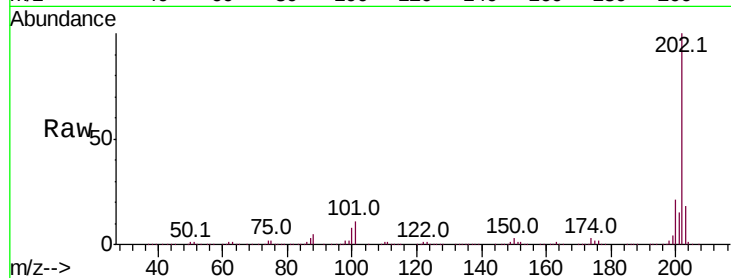
#75
 Fluoranthene
 Concen: 42.086 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF112410.D
 Acq: 5 Feb 2019 21:49

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-020419-AMS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1063669		
101	11.0		0.0	31.8
203	17.8		0.0	38.4

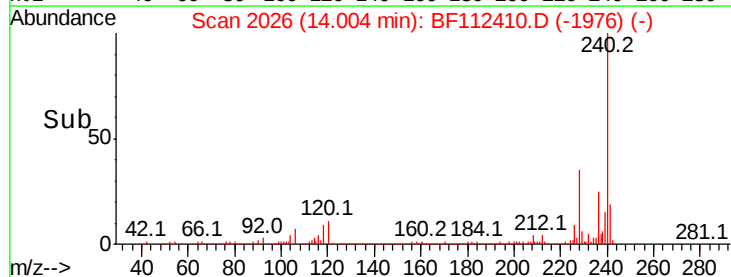
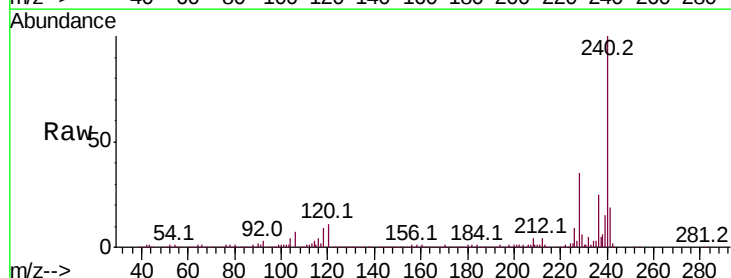
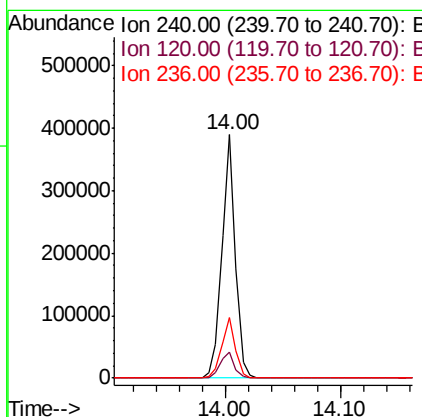
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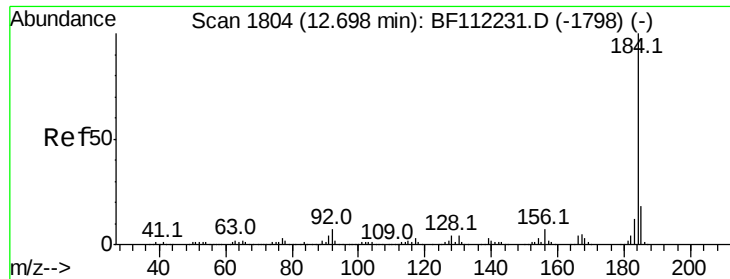
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF112410.D
 Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	315008		
120	10.8		9.0	13.6
236	24.9		20.7	31.1





#77

Benzidine

Concen: 37.666 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

Instrument :

BNA_F

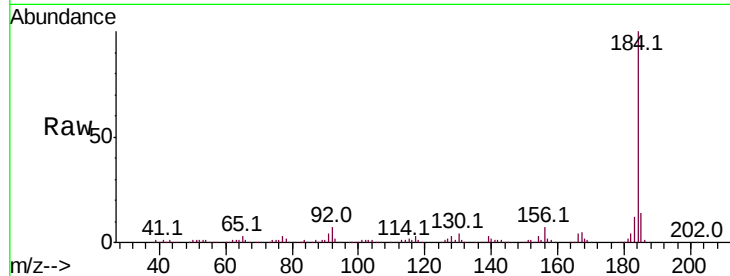
ClientSampleId :

HR-05-020419-AMS

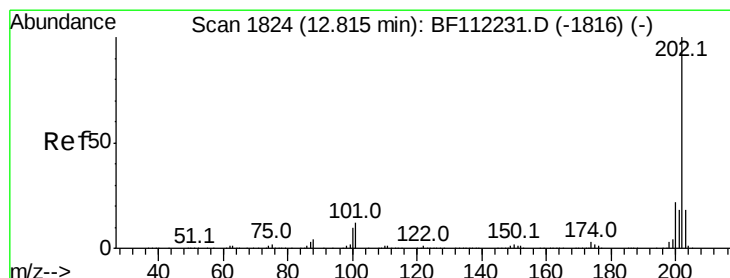
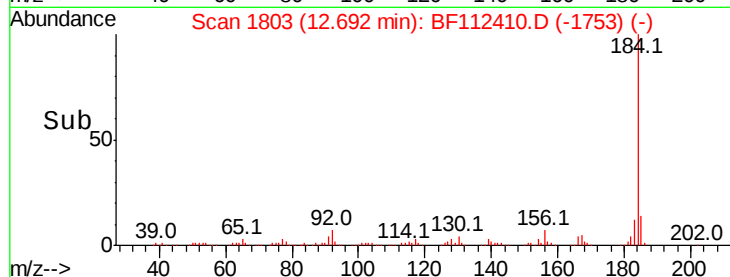
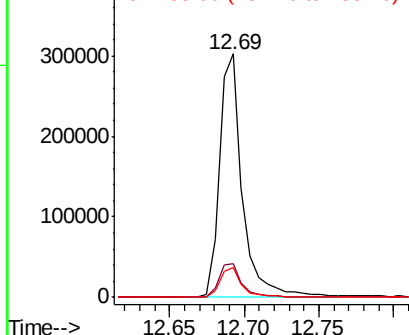
Tot Ion:	184	Resp:	326571
Ion Ratio	Lower	Upper	
184	100		
185	13.8	13.9	20.9#
183	12.1	10.0	15.0

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.871 ng

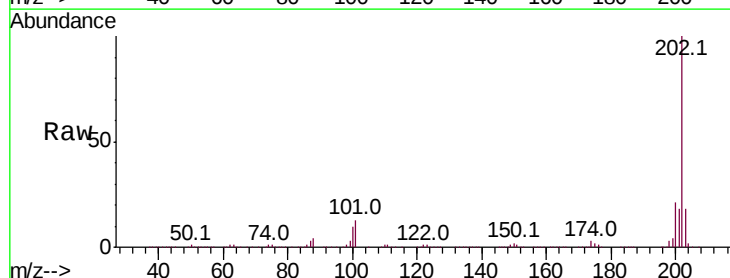
RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

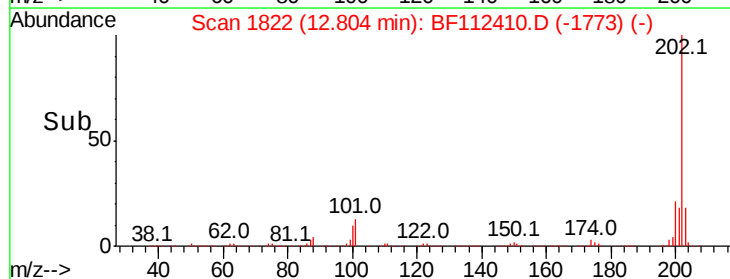
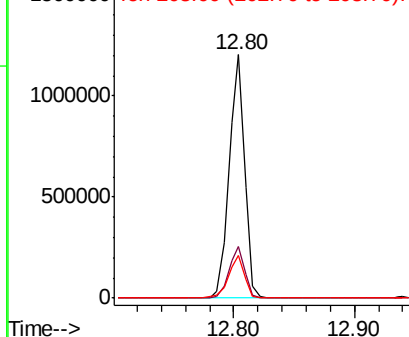
Lab File: BF112410.D

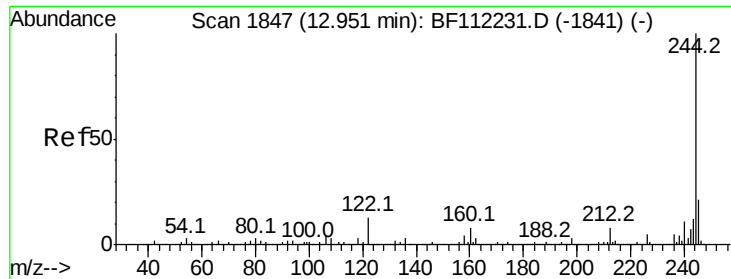
Acq: 5 Feb 2019 21:49

Tgt Ion:	202	Resp:	1065837
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.7	26.5
203	17.6	14.6	22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.351 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

Instrument :

BNA_F

ClientSampleId :

HR-05-020419-AMS

Tot Ion:244 Resp: 1511132

Ion Ratio Lower Upper

244 100

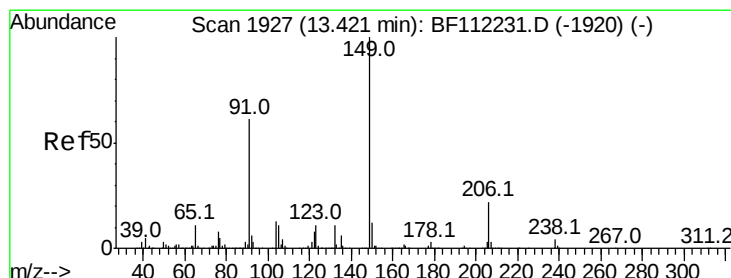
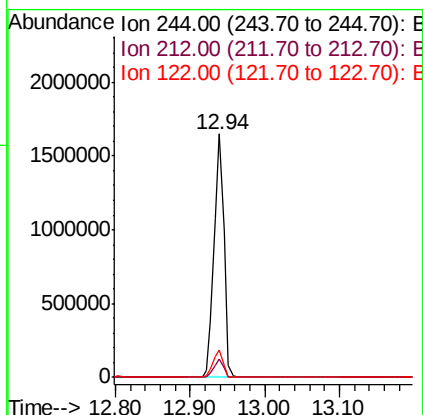
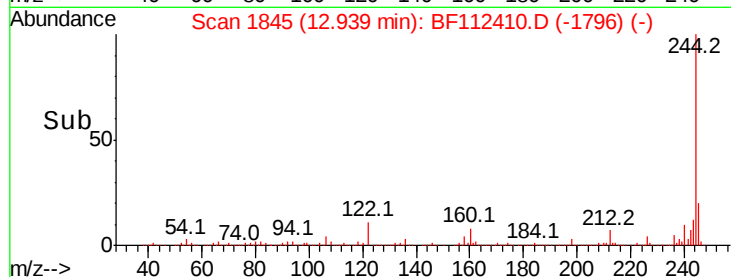
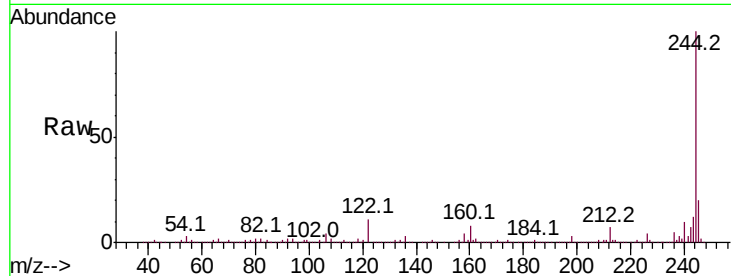
212 7.3 5.9 8.9

122 11.4 9.8 14.6

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#80

Butylbenzylphthalate

Concen: 47.635 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

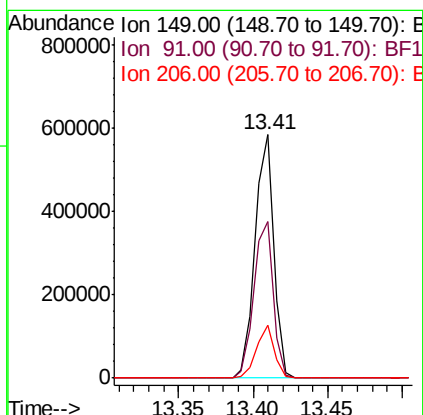
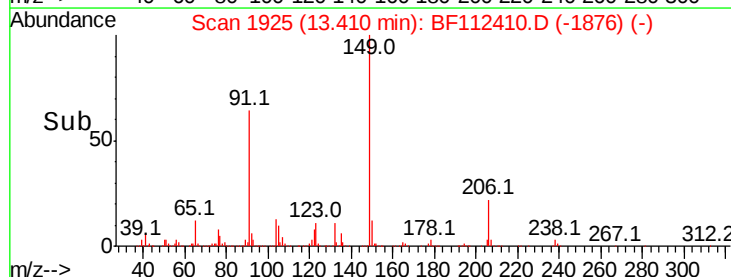
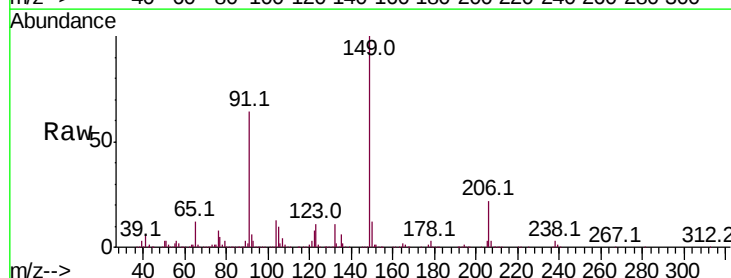
Tgt Ion:149 Resp: 502629

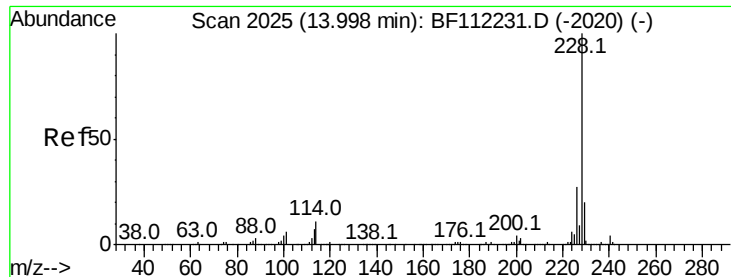
Ion Ratio Lower Upper

149 100

91 64.3 50.3 75.5

206 21.5 18.2 27.4





#81

Benzo(a)anthracene

Concen: 47.743 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

Instrument :

BNA_F

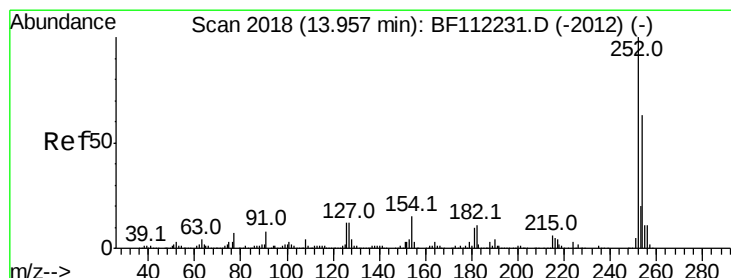
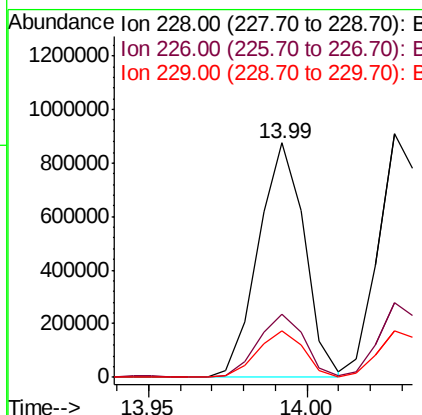
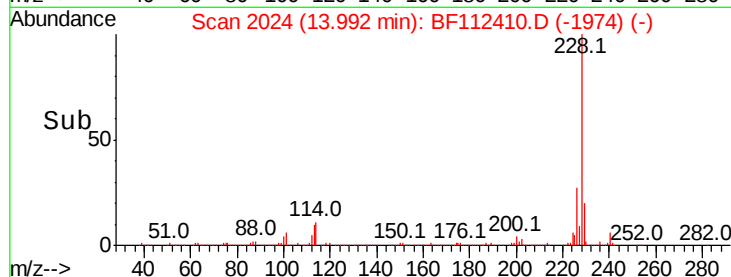
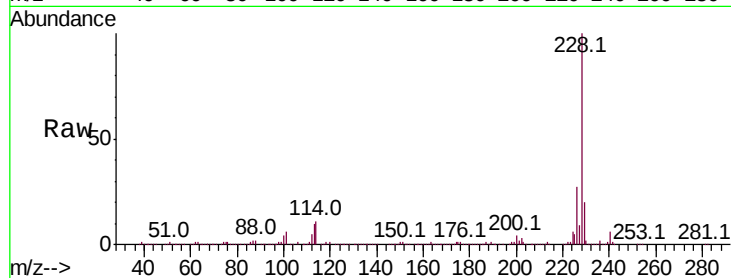
ClientSampleId :

HR-05-020419-AMS

Tot Ion:	228	Resp:	884099
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.6	34.0
229	20.0	16.5	24.7

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#82

3,3'-Dichlorobenzidine

Concen: 36.523 ng

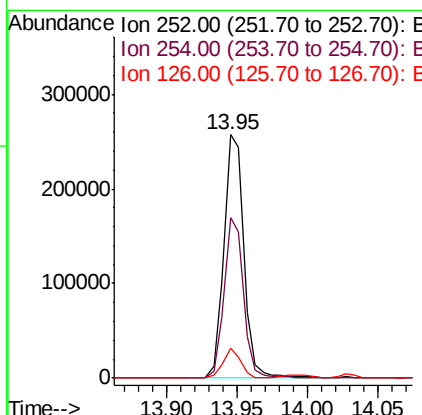
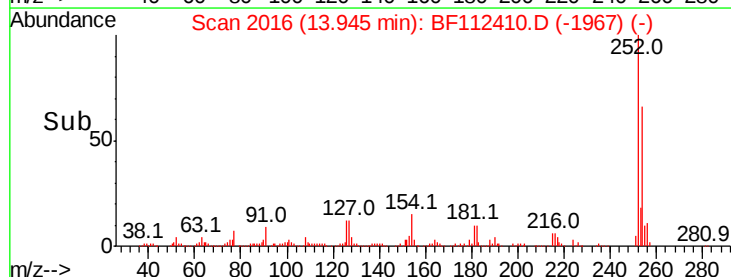
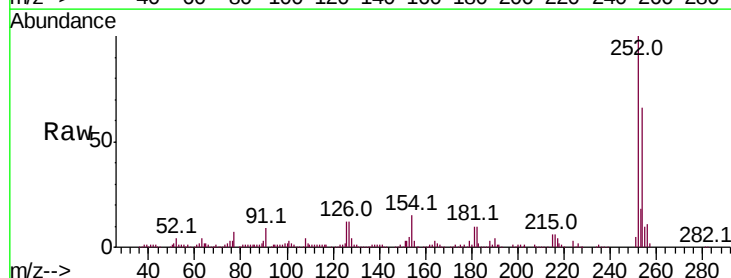
RT: 13.95 min Scan# 2016

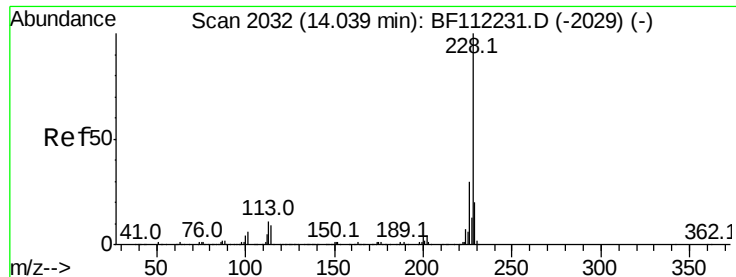
Delta R.T. -0.01 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

Tgt Ion:	252	Resp:	253113
Ion Ratio	Lower	Upper	
252	100		
254	65.8	51.6	77.4
126	12.5	8.6	12.8





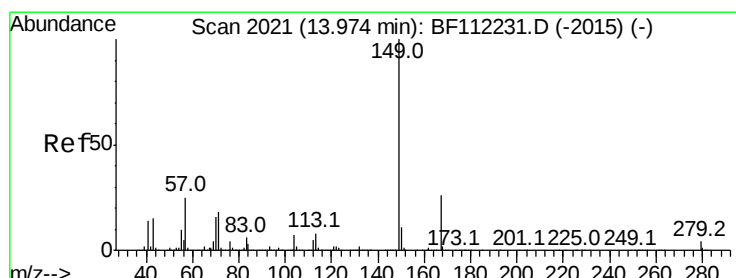
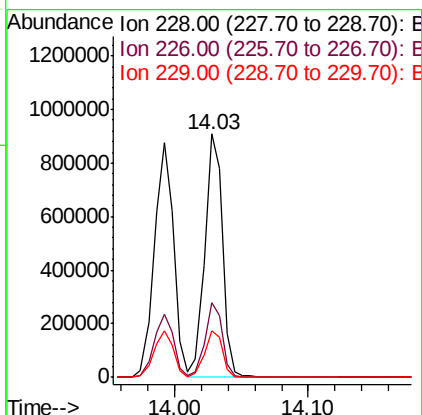
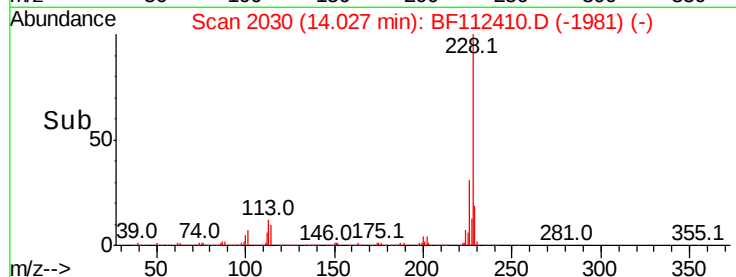
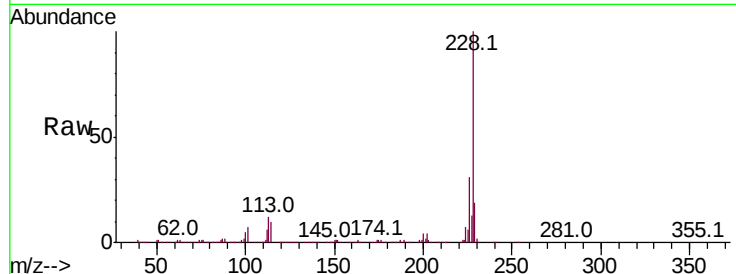
#83
Chrysene
Concen: 47.463 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.3	16.6	24.8

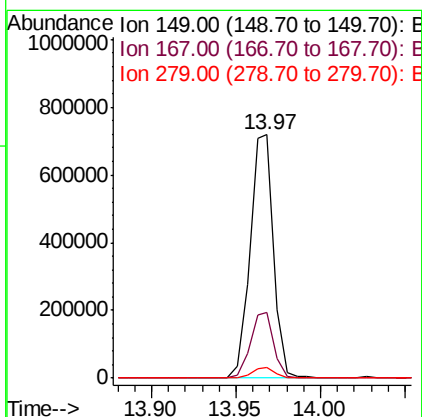
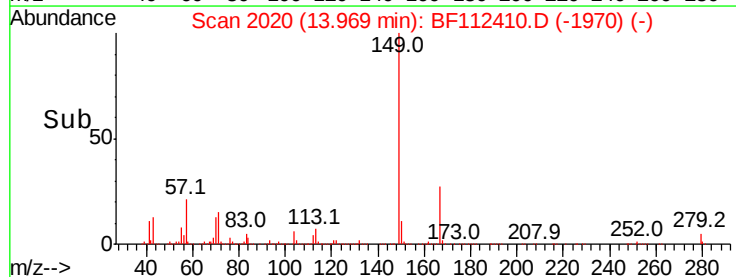
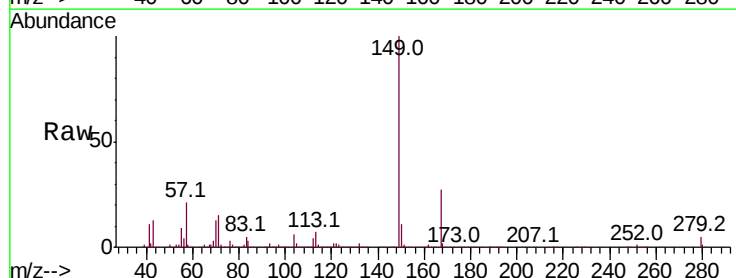
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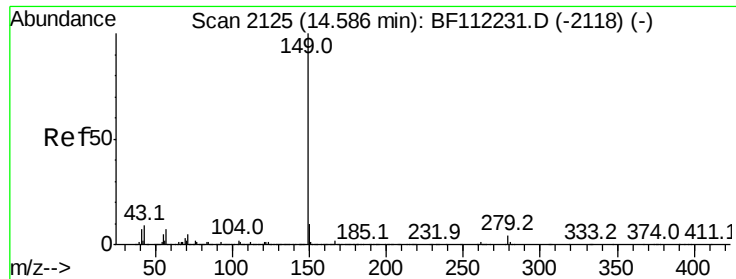
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 46.390 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.5	33.7
279	4.6	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 46.666 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

Instrument :

BNA_F

ClientSampleId :

HR-05-020419-AMS

Tot Ion:149 Resp: 1075378

Ion Ratio Lower Upper

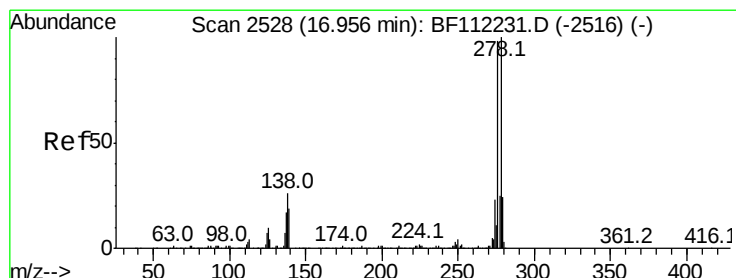
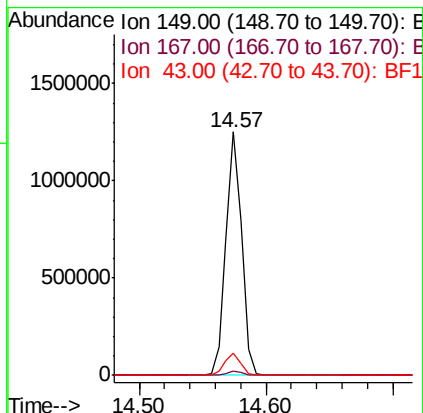
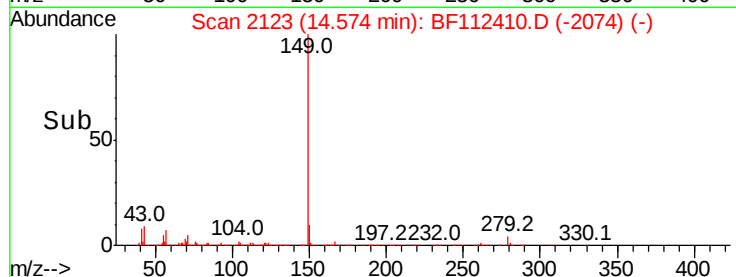
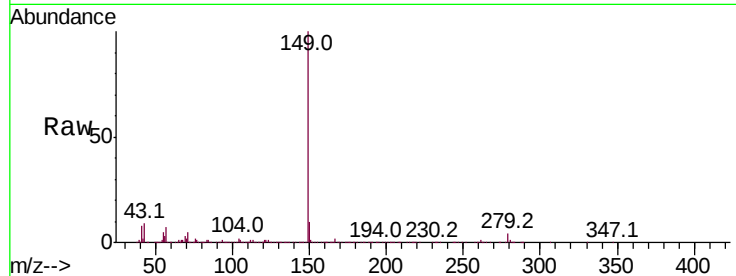
149 100

167 1.6 1.3 1.9

43 8.9 7.8 11.6

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 48.690 ng

RT: 16.96 min Scan# 2528

Delta R.T. 0.00 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

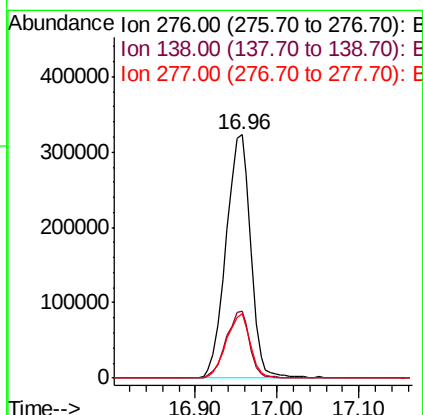
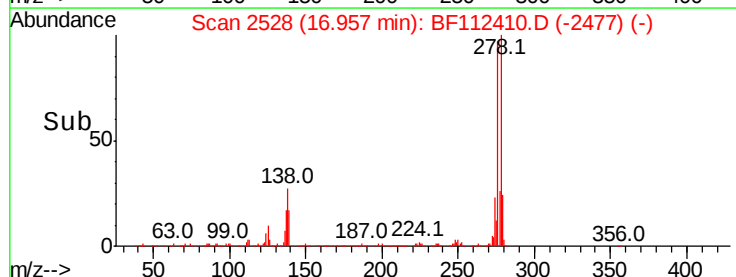
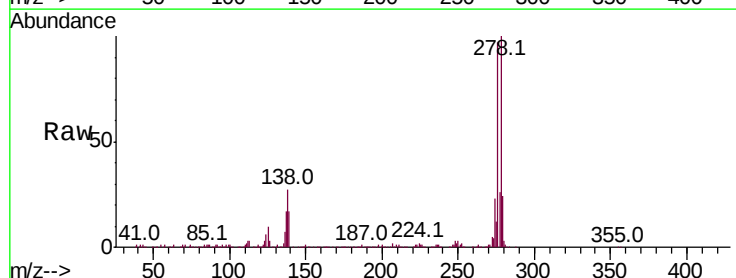
Tgt Ion:276 Resp: 681963

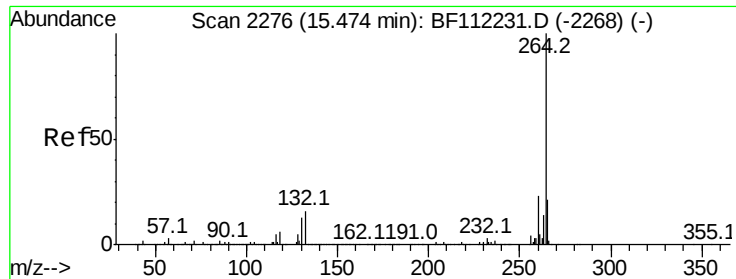
Ion Ratio Lower Upper

276 100

138 26.4 22.6 34.0

277 26.0 20.3 30.5





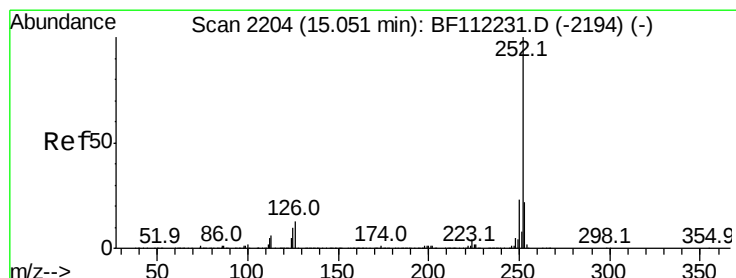
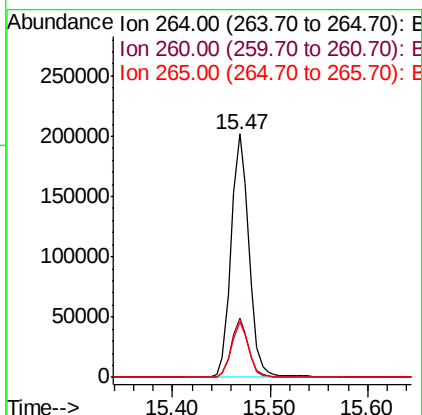
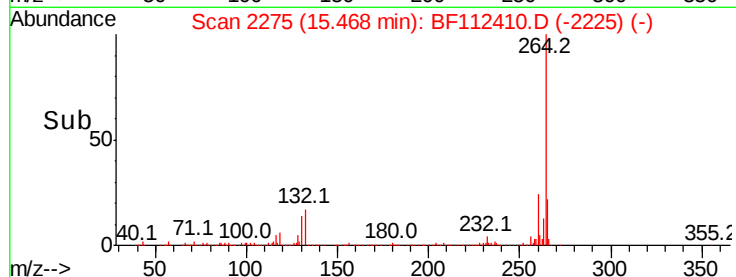
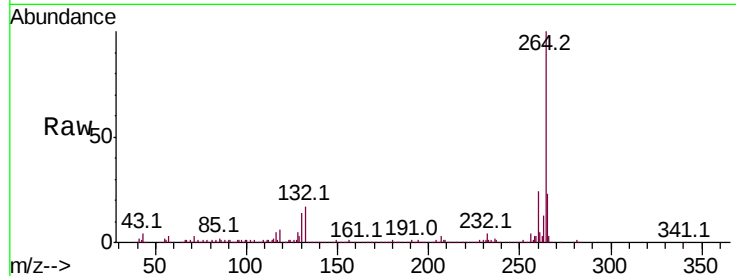
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-AMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.2
265	22.5	17.0	25.4

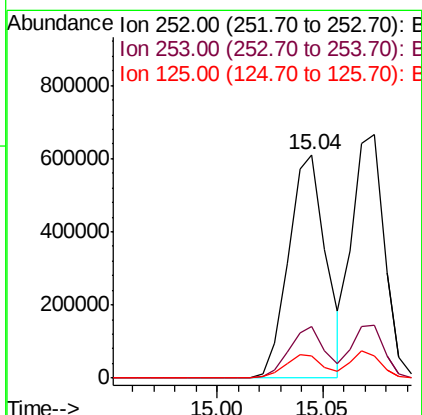
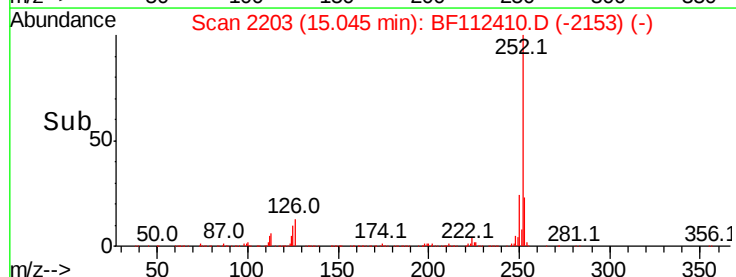
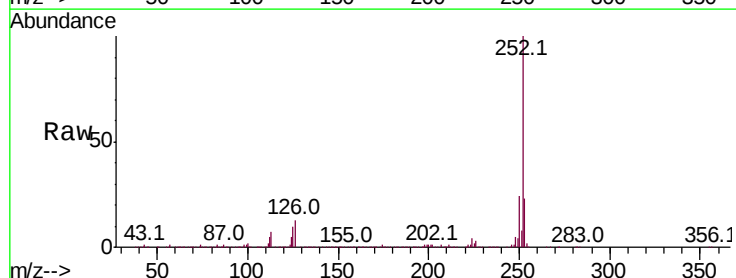
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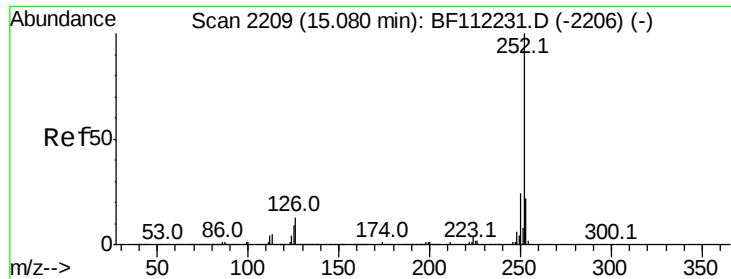
mohammad
2/6/2019 9:16:18 AM



#88
Benzo(b)fluoranthene
Concen: 49.214 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	9.8	8.7	13.1





#89

Benzo(k)fluoranthene

Concen: 48.668 ng m

RT: 15.07 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

Instrument :

BNA_F

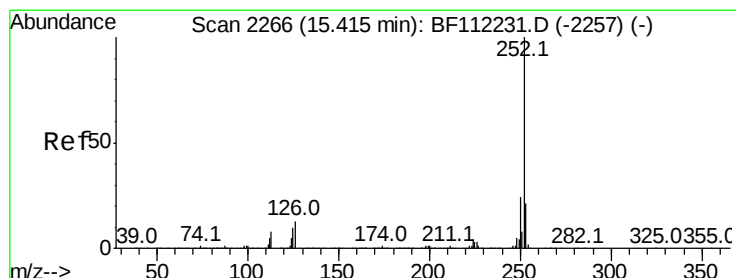
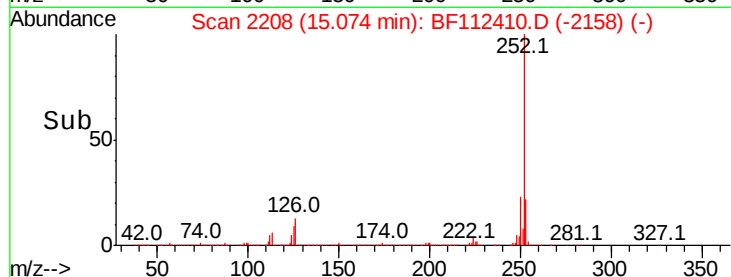
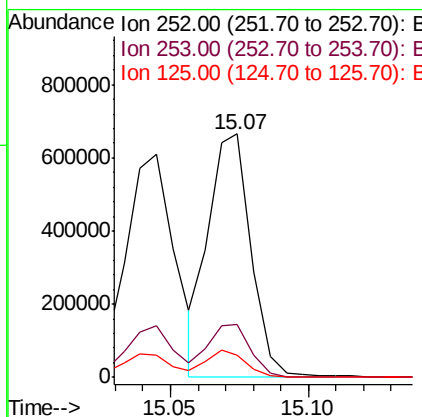
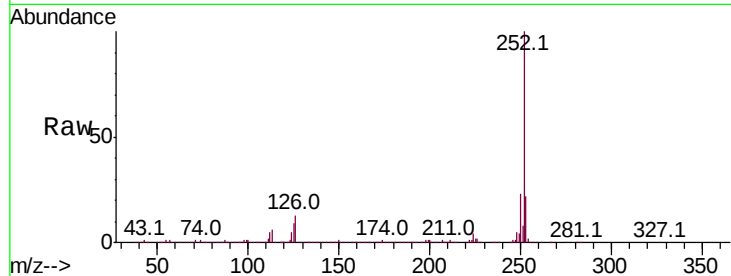
ClientSampleId :

HR-05-020419-AMS

Tot Ion:	252	Resp:	715413
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.0	27.0
125	9.1	9.1	13.7#

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#90

Benzo(a)pyrene

Concen: 49.704 ng

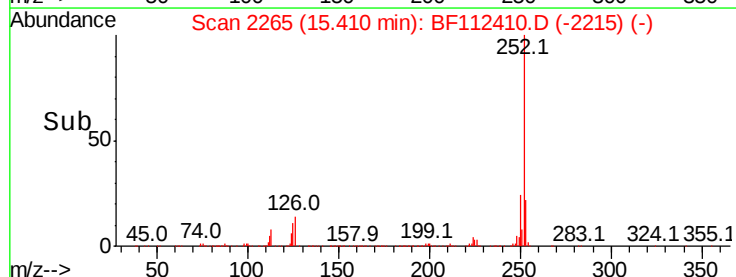
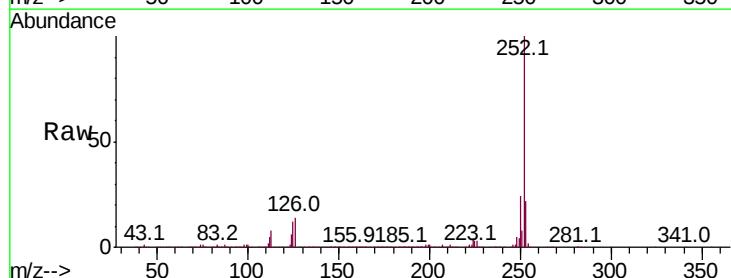
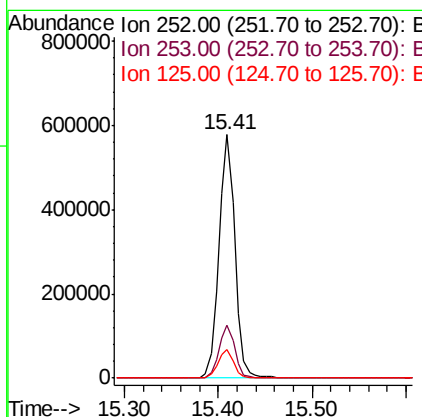
RT: 15.41 min Scan# 2265

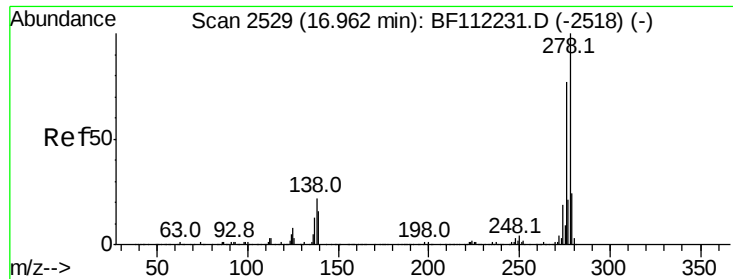
Delta R.T. -0.01 min

Lab File: BF112410.D

Acq: 5 Feb 2019 21:49

Tgt Ion:	252	Resp:	686348
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.5	26.3
125	11.5	9.0	13.4





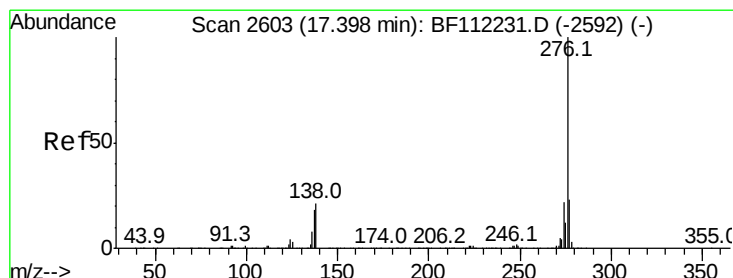
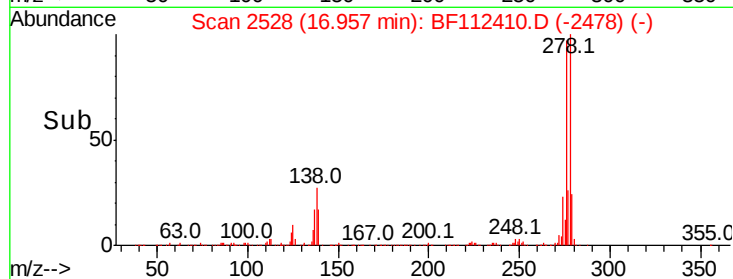
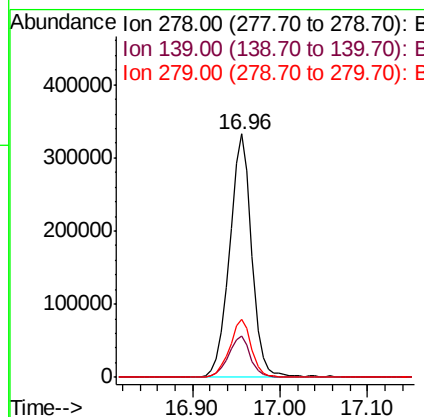
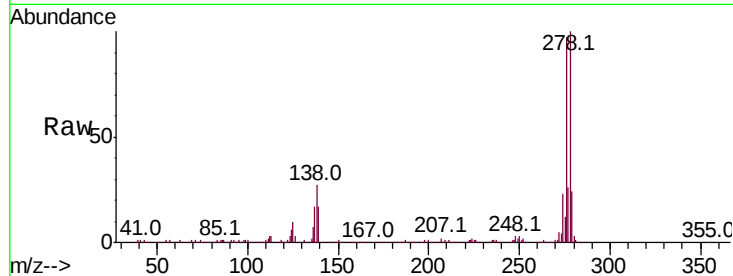
#91
Dibenzo(a,h)anthracene
Concen: 51.713 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.7	20.5
279	23.9	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 52.052 ng
RT: 17.40 min Scan# 2603
Delta R.T. 0.00 min
Lab File: BF112410.D
Acq: 5 Feb 2019 21:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	22.5	19.1	28.7

