

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
 Data File : BF112374.D
 Acq On : 4 Feb 2019 10:33
 Operator : JU/SJ
 Sample : PB116745BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BSD

Manual Integrations
 APPROVED

mohammad
 2/5/2019 8:42:37 AM

Quant Time: Feb 05 05:00:09 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	6.84	152	182546	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	682342	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	326429	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	567060	20.00	ng	0.00
76) Chrysene-d12	14.00	240	373521	20.00	ng	0.00
87) Perylene-d12	15.47	264	376743	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	856644	99.68	ng	0.00
7) Phenol-d6	6.49	99	1072420	89.80	ng	0.00
23) Nitrobenzene-d5	7.40	82	1002878	84.69	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	317517	83.57	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2001652	86.73	ng	0.00
79) Terphenyl-d14	12.94	244	1532061	77.25	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.68	88	152421	44.521	ng	96
3) Pyridine	3.43	79	420370	48.270	ng	98
4) n-Nitrosodimethylamine	3.39	42	205401	56.138	ng	# 95
6) Aniline	6.50	93	250904	17.662	ng	# 1
8) 2-Chlorophenol	6.63	128	508765	44.005	ng	97
9) Benzaldehyde	6.39	77	290281	46.506	ng	100
10) Phenol	6.50	94	559241	42.684	ng	89
11) bis(2-Chloroethyl)ether	6.57	93	432664	41.946	ng	97
12) 1,3-Dichlorobenzene	6.78	146	545907	40.544	ng	99
13) 1,4-Dichlorobenzene	6.86	146	554074	39.985	ng	99
14) 1,2-Dichlorobenzene	7.01	146	524835	40.453	ng	96
15) Benzyl Alcohol	6.99	79	412575	40.983	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	551891	41.671	ng	# 24
17) 2-Methylphenol	7.11	107	388636	42.404	ng	# 88
18) Hexachloroethane	7.35	117	192486	39.557	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	336304	40.841	ng	99
20) 3+4-Methylphenols	7.26	107	518696	44.258	ng	# 63
22) Acetophenone	7.25	105	676962	40.744	ng	94
24) Nitrobenzene	7.42	77	503838	42.601	ng	100
25) Isophorone	7.66	82	893107	48.074	ng	99
26) 2-Nitrophenol	7.74	139	271347	42.932	ng	95
27) 2,4-Dimethylphenol	7.79	122	433320	49.761	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	572585	45.264	ng	99
29) 2,4-Dichlorophenol	7.99	162	435441	44.684	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	472657	42.196	ng	99
31) Naphthalene	8.15	128	1429331	44.794	ng	99
32) Benzoic acid	7.93	122	198763	40.015	ng	98
33) 4-Chloroaniline	8.19	127	102032	7.344	ng	96
34) Hexachlorobutadiene	8.26	225	266864	40.599	ng	98
35) Caprolactam	8.57	113	126568m	36.817	ng	
36) 4-Chloro-3-methylphenol	8.69	107	433935	42.063	ng	96
37) 2-Methylnaphthalene	8.83	142	1011082	46.286	ng	98
38) 1-Methylnaphthalene	8.93	142	948555	45.304	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	468995	43.758	ng	99

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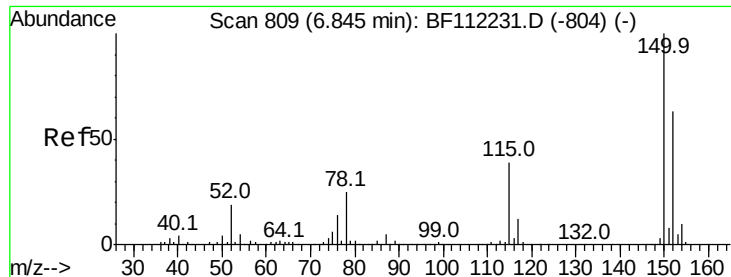
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	165947	45.505	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	296008	44.805	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	305603	44.260	ng	97
46) 1,1'-Biphenyl	9.30	154	1226702	42.985	ng	98
47) 2-Chloronaphthalene	9.33	162	937847	42.379	ng	98
48) 2-Nitroaniline	9.42	65	256357	42.501	ng	90
49) Acenaphthylene	9.74	152	1463310	45.114	ng	99
50) Dimethylphthalate	9.60	163	1143066	45.070	ng	99
51) 2,6-Dinitrotoluene	9.66	165	248908	43.821	ng #	82
52) Acenaphthene	9.91	154	838396	43.269	ng	98
53) 3-Nitroaniline	9.83	138	95539	15.526	ng #	96
54) 2,4-Dinitrophenol	9.96	184	101291	55.566	ng	95
55) Dibenzofuran	10.09	168	1254899	42.381	ng	96
56) 4-Nitrophenol	10.02	139	237341	72.952	ng	92
57) 2,4-Dinitrotoluene	10.07	165	312256	43.182	ng #	84
58) Fluorene	10.43	166	1006687	45.432	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	244177	46.796	ng	98
60) Diethylphthalate	10.30	149	1137332	45.188	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	498429	41.352	ng	96
62) 4-Nitroaniline	10.45	138	222234	36.819	ng	95
63) Azobenzene	10.57	77	947366	42.799	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	92293	29.029	ng	95
66) n-Nitrosodiphenylamine	10.53	169	901626	47.177	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	304629	45.675	ng	99
68) Hexachlorobenzene	10.98	284	313671	43.836	ng	97
69) Atrazine	11.06	200	297916	48.310	ng	96
70) Pentachlorophenol	11.18	266	206172	74.049	ng	99
71) Phenanthrene	11.39	178	1328953	45.079	ng	98
72) Anthracene	11.44	178	1364716	46.472	ng	99
73) Carbazole	11.60	167	1156829	39.935	ng	99
74) Di-n-butylphthalate	11.92	149	1652392	45.956	ng	99
75) Fluoranthene	12.58	202	1229708	38.891	ng	97
77) Benzidine	12.69	184	388520	37.792	ng	96
78) Pyrene	12.81	202	1206843	46.667	ng	98
80) Butylbenzylphthalate	13.41	149	581730	46.495	ng	92
81) Benzo(a)anthracene	14.00	228	1029138	46.870	ng	98
82) 3,3'-Dichlorobenzidine	13.95	252	234972	28.594	ng	99
83) Chrysene	14.03	228	978596	46.690	ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	818633	46.094	ng	98
85) Di-n-octyl phthalate	14.58	149	1245886	45.595	ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	940580	56.634	ng	98
88) Benzo(b)fluoranthene	15.05	252	1068140	47.408	ng	98
89) Benzo(k)fluoranthene	15.08	252	971754	45.027	ng	97
90) Benzo(a)pyrene	15.42	252	976733	48.179	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	809788	49.561	ng	99
92) Benzo(g,h,i)perylene	17.40	276	746507	48.427	ng	97

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



#1

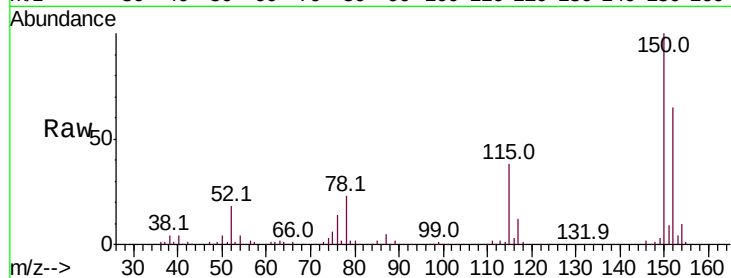
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	127.4	191.0
115	57.3	45.5	68.3

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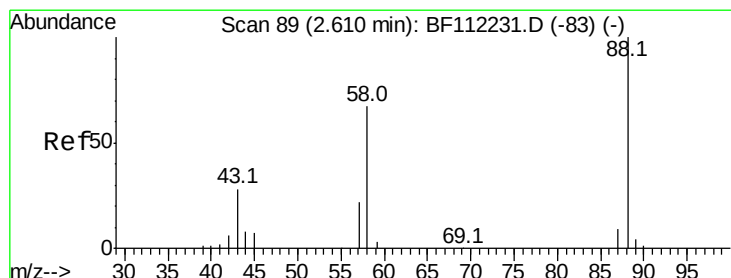
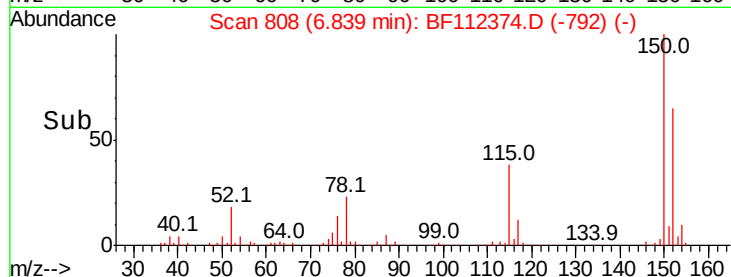
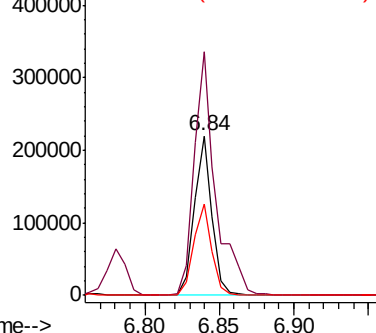


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

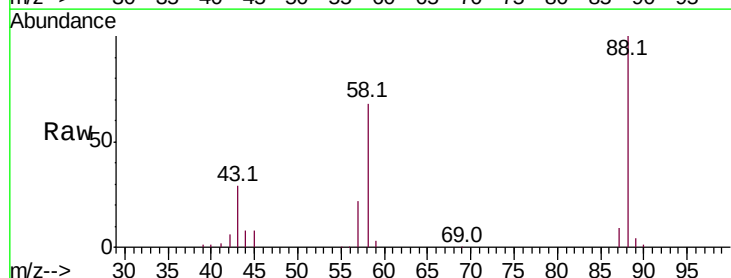
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 44.521 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.07 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.7	57.4	86.2
43	29.5	22.2	33.4

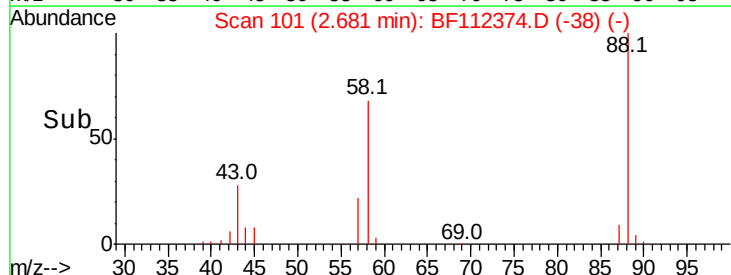
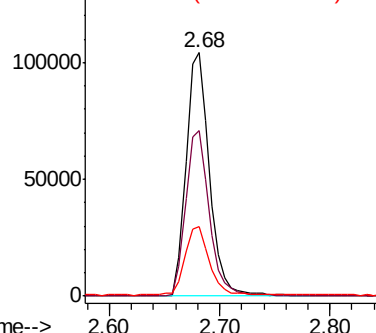


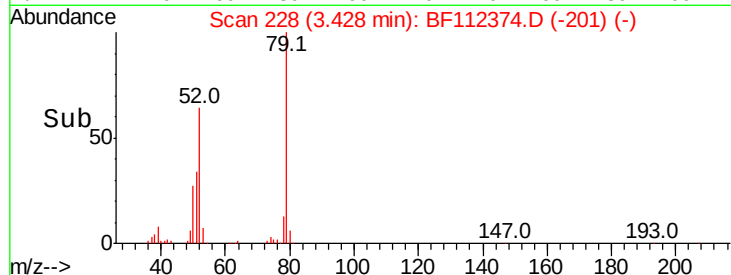
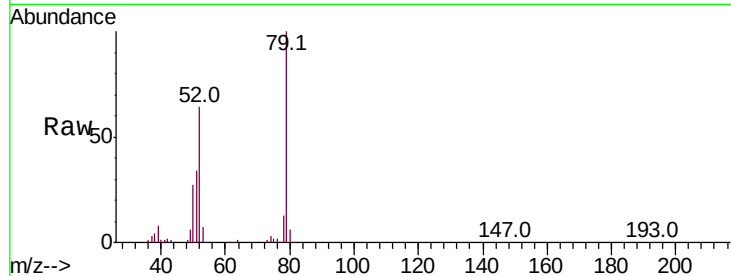
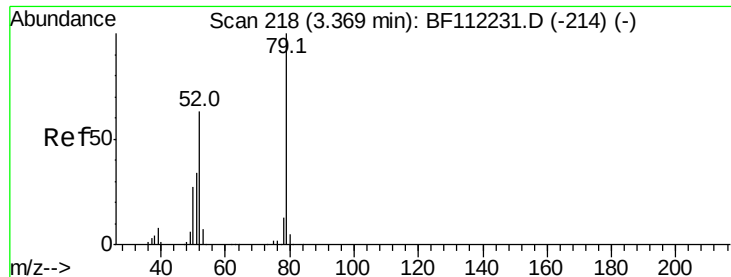
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





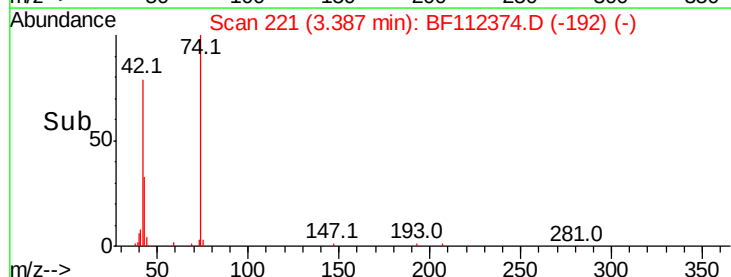
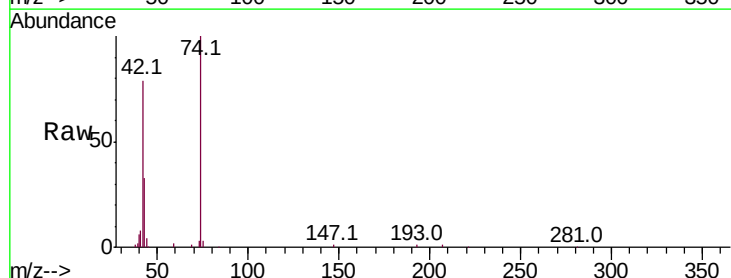
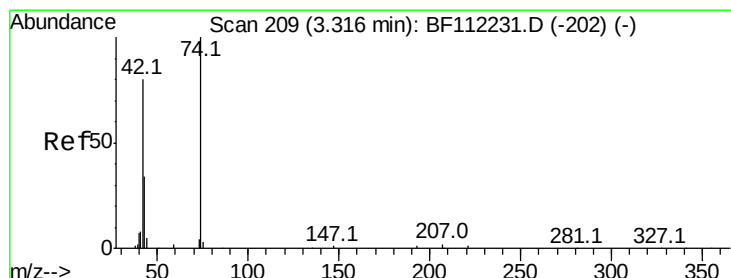
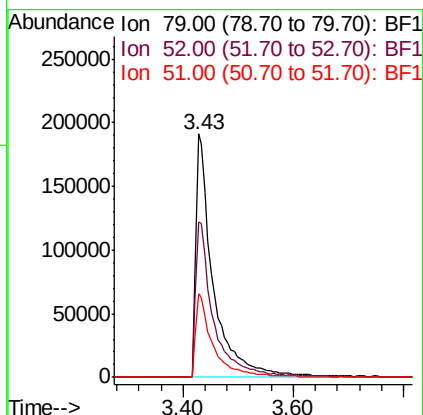
#3
 Pvridine
 Concen: 48.270 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.06 min
 Lab File: BF112374.D
 Acq: 4 Feb 2019 10:33

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	64.0		52.4	78.6
51	34.4		26.1	39.1

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BSD

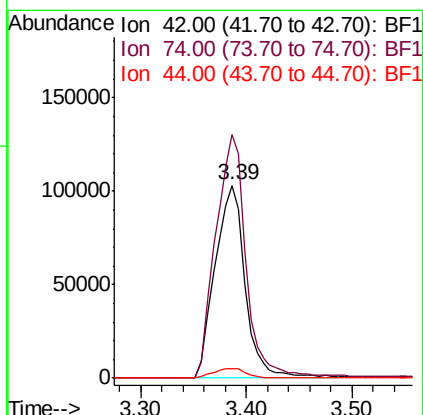
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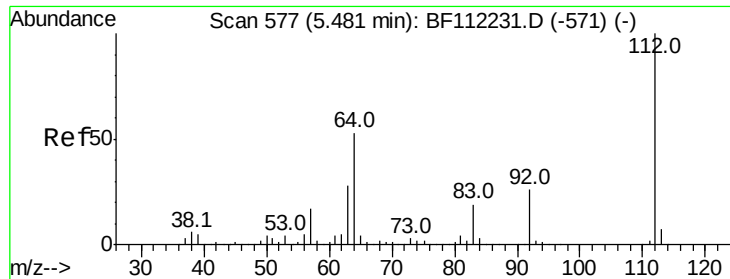
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#4
 n-Nitrosodimethylamine
 Concen: 56.138 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.07 min
 Lab File: BF112374.D
 Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	126.3		105.6	158.4
44	5.2		5.4	8.2#





#5

2-Fluorophenol

Concen: 99.677 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

BNA_F

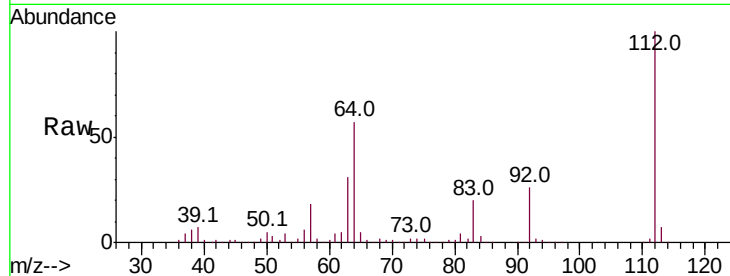
ClientSampleId :

PB116745BSD

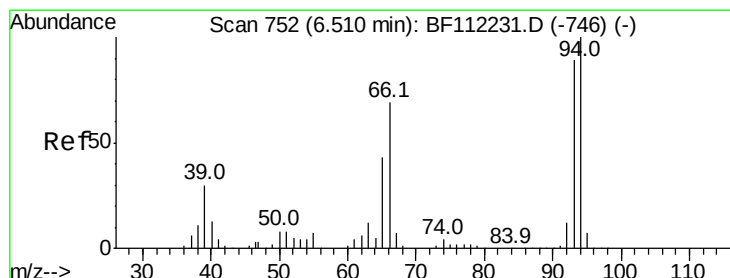
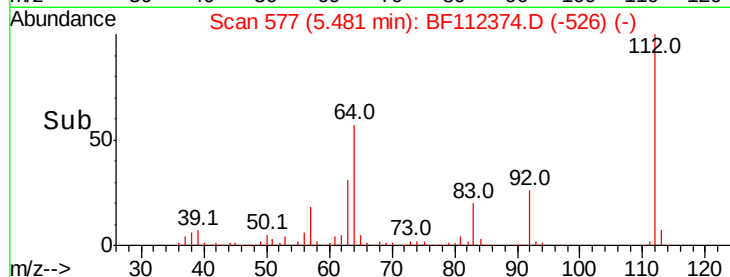
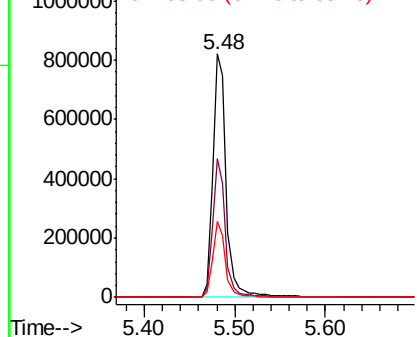
Tot Ion:	112	Resp:	856644
Ion Ratio	Lower	Upper	
112	100		
64	56.8	45.7	68.5
63	31.0	23.6	35.4

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.662 ng

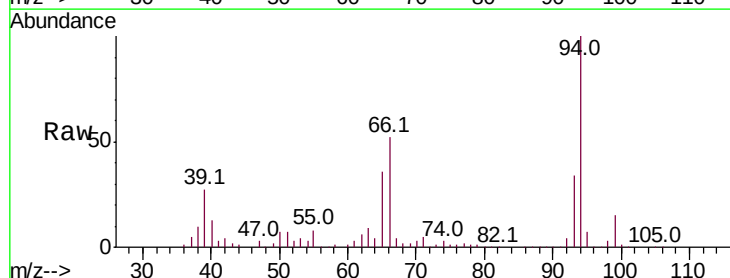
RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

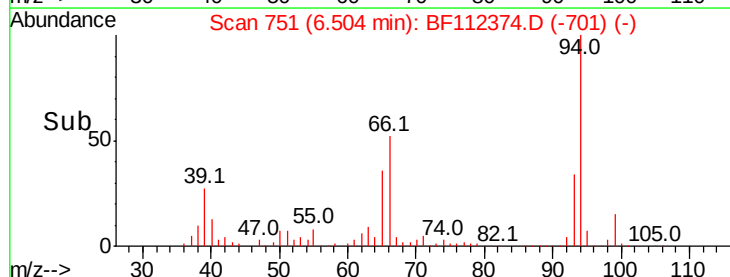
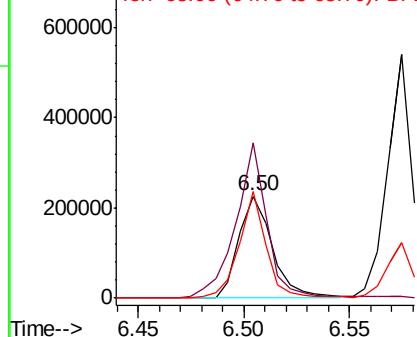
Lab File: BF112374.D

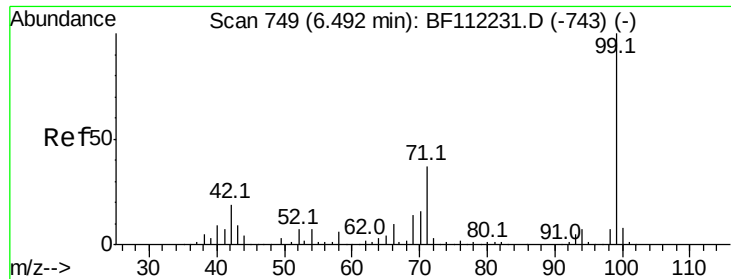
Acq: 4 Feb 2019 10:33

Tgt Ion:	93	Resp:	250904
Ion Ratio	Lower	Upper	
93	100		
66	152.6	43.4	65.2#
65	104.6	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: 89.802 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

BNA_F

ClientSampled :

PB116745BSD

Tot Ion: 99 Resp: 1072420

Ion Ratio Lower Upper

99 100

42 18.7 15.1 22.7

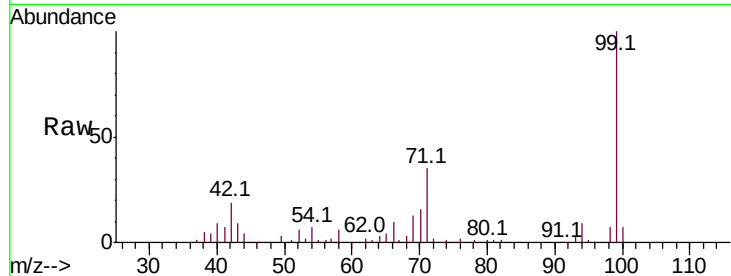
71 35.3 26.9 40.3

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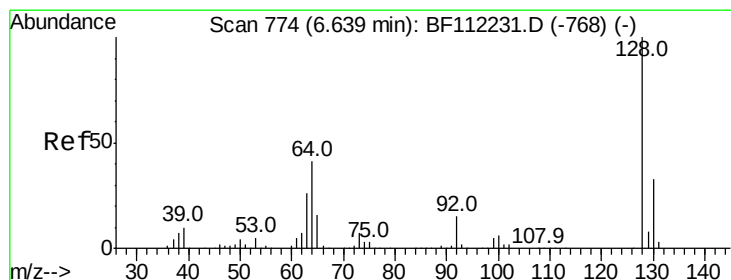
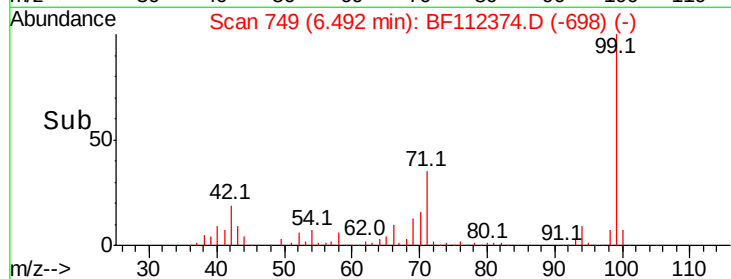
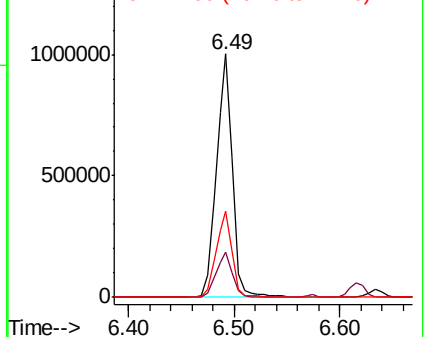
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.005 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

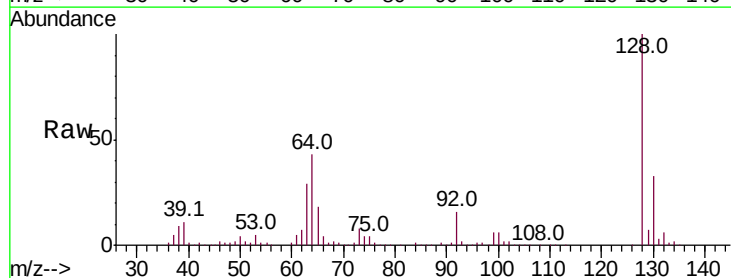
Tgt Ion: 128 Resp: 508765

Ion Ratio Lower Upper

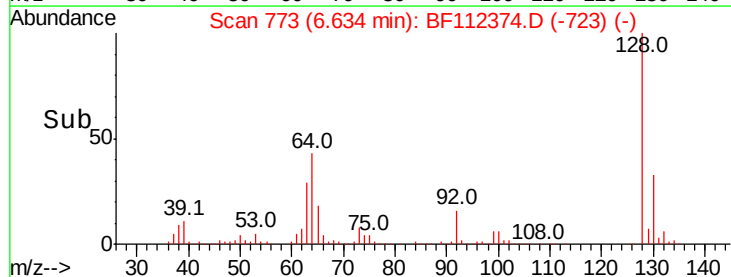
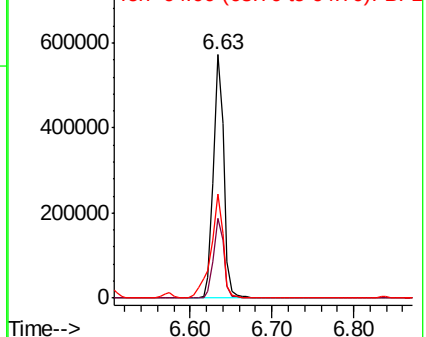
128 100

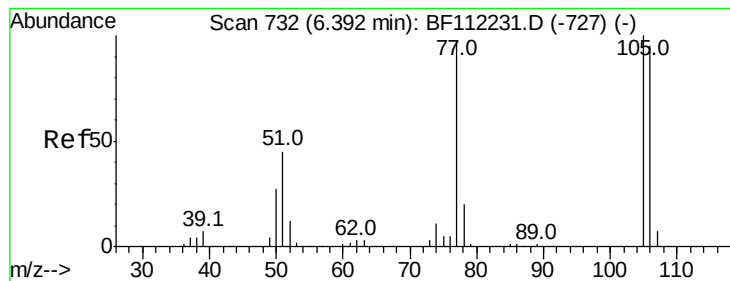
130 33.0 13.4 53.4

64 43.0 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: 46.506 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

BNA_F

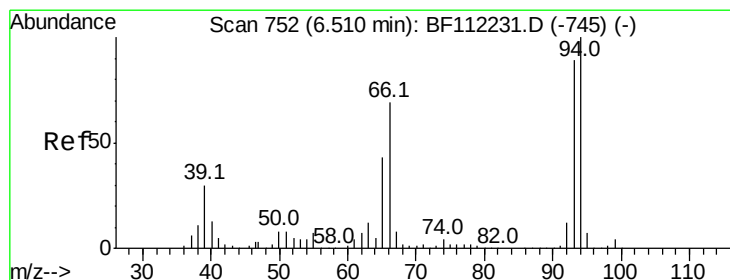
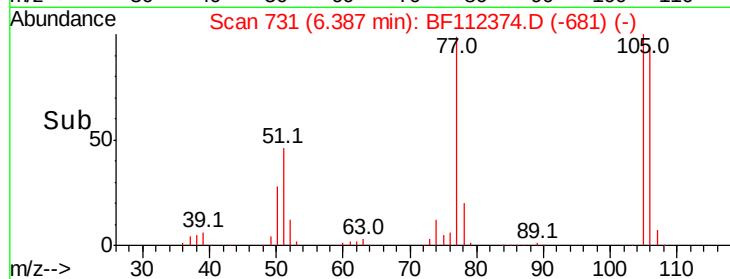
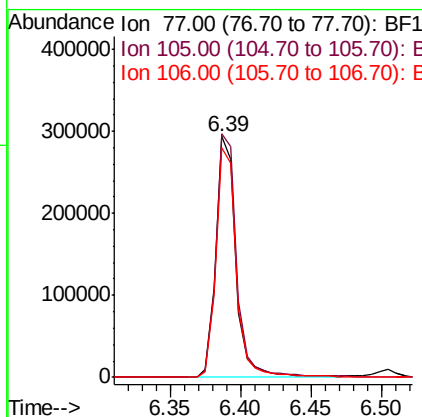
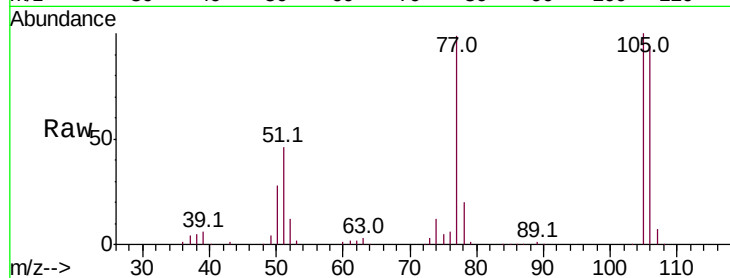
ClientSampleId :

PB116745BSD

Tot Ion:	77	Resp:	290281
Ion Ratio	Lower	Upper	
77	100		
105	101.1	80.8	120.8
106	95.4	75.7	115.7

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#10

Phenol

Concen: 42.684 ng

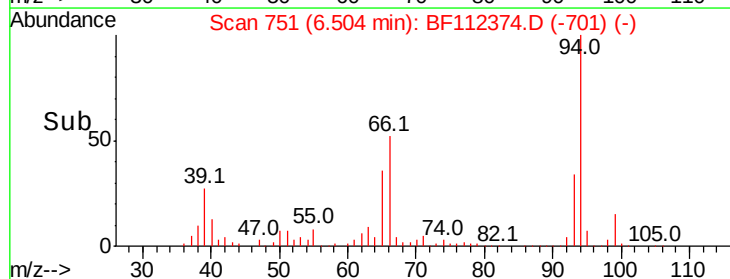
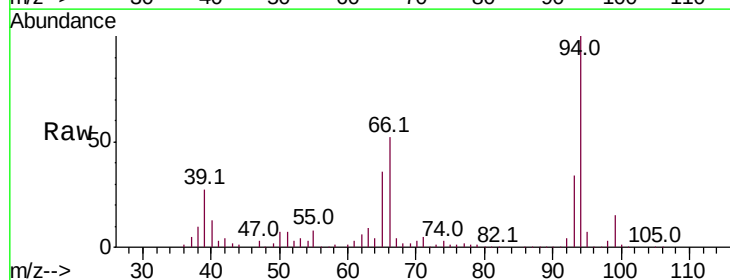
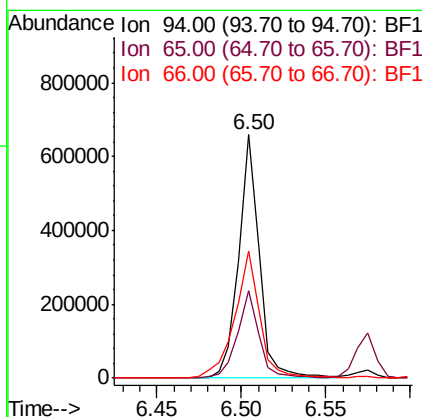
RT: 6.50 min Scan# 751

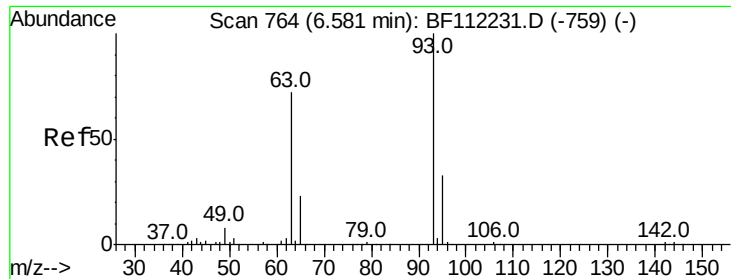
Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Tgt Ion:	94	Resp:	559241
Ion Ratio	Lower	Upper	
94	100		
65	35.8	20.3	60.3
66	52.3	42.4	82.4





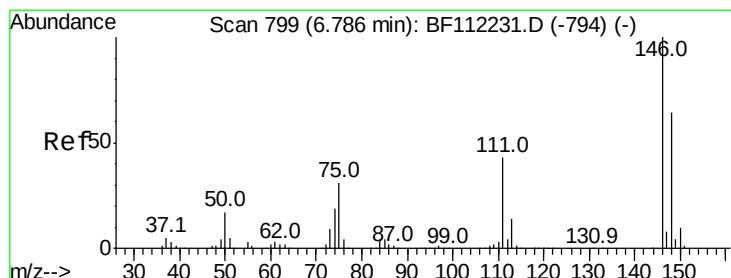
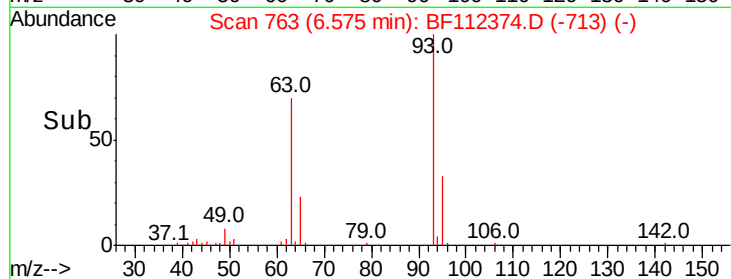
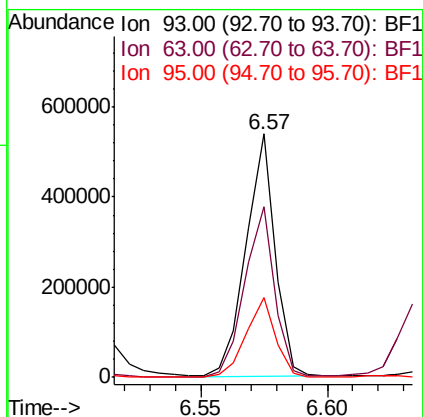
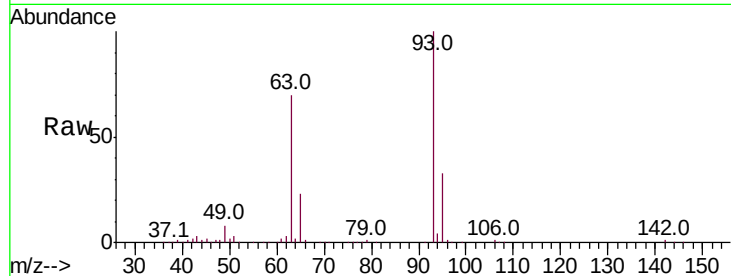
#11
bis(2-Chloroethyl)ether
Concen: 41.946 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.0	53.3	93.3
95	32.8	13.4	53.4

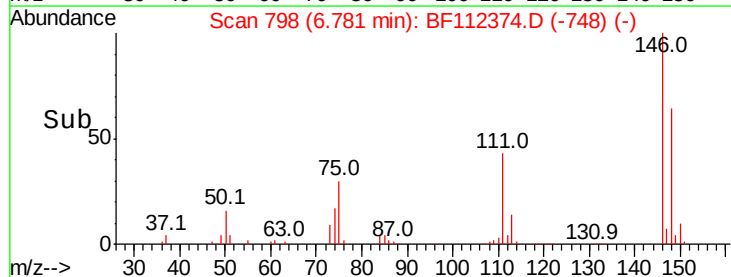
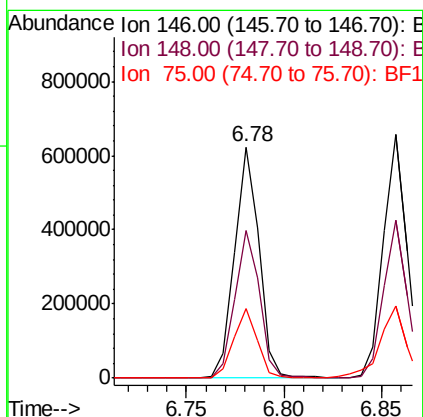
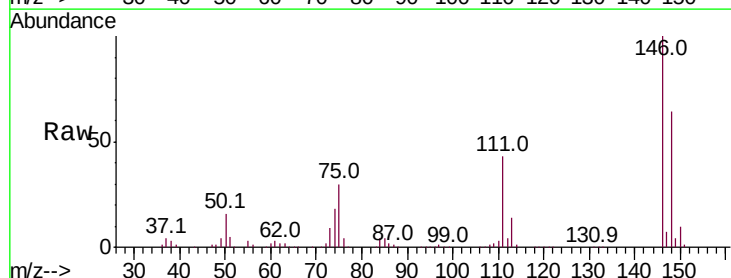
Manual Integrations
APPROVED

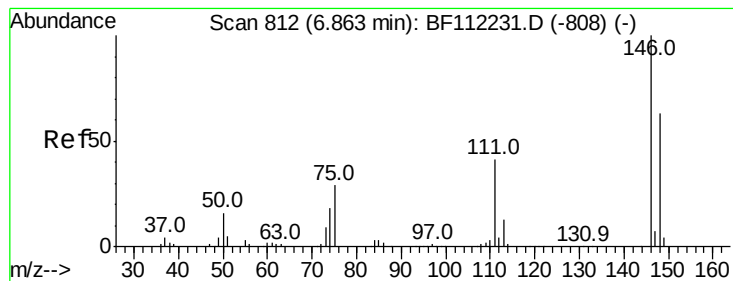
mohammad
2/5/2019 8:42:37 AM



#12
1,3-Dichlorobenzene
Concen: 40.544 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	29.9	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 39.985 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

BNA_F

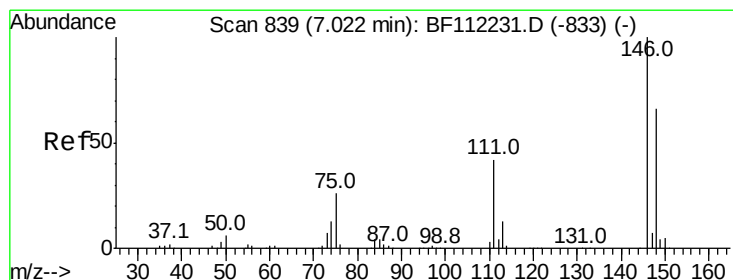
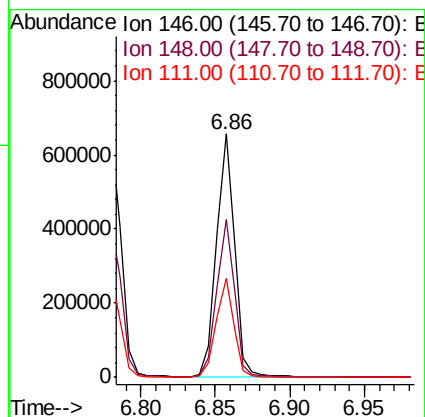
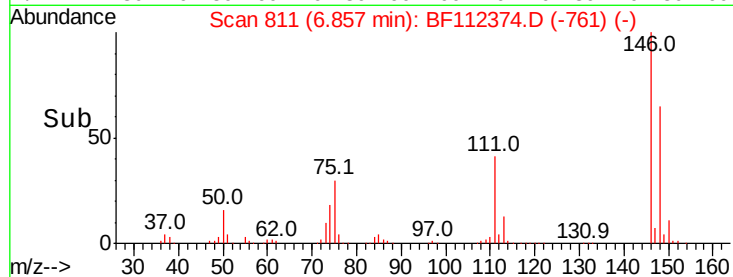
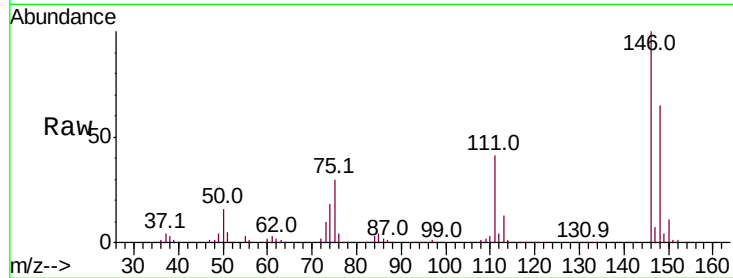
ClientSampleId :

PB116745BSD

Tot Ion:	146	Resp:	554074
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.0	78.0
111	40.7	31.2	46.8

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#14

1,2-Dichlorobenzene

Concen: 40.453 ng

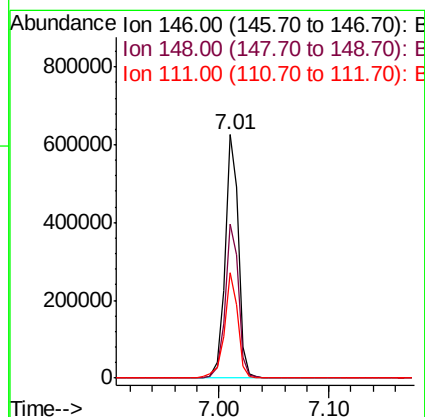
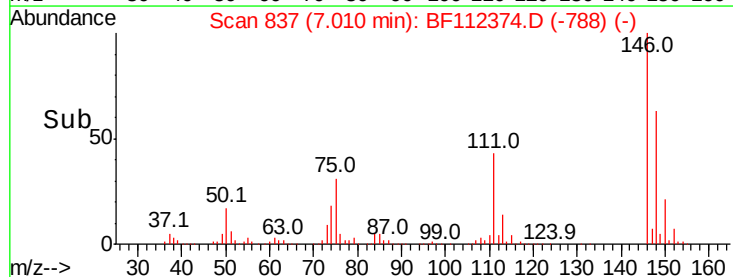
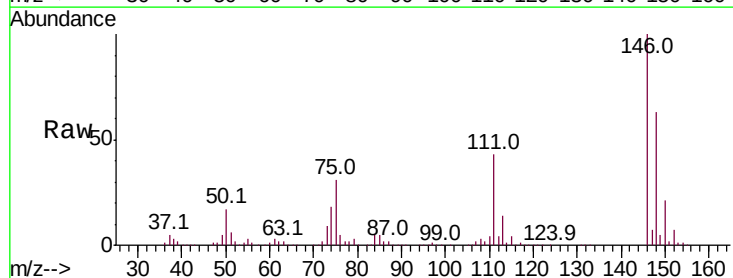
RT: 7.01 min Scan# 837

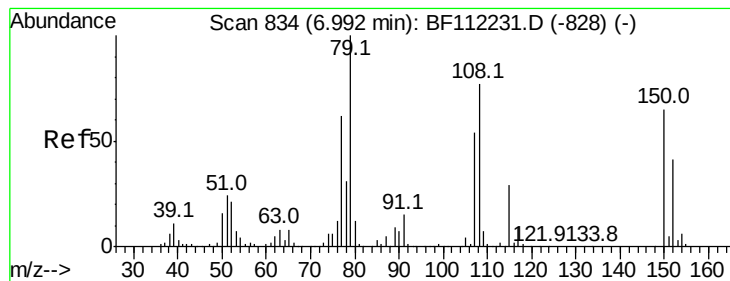
Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Tgt Ion:	146	Resp:	524835
Ion Ratio	Lower	Upper	
146	100		
148	63.3	52.2	78.4
111	43.3	31.2	46.8





#15

Benzyl Alcohol

Concen: 40.983 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

BNA_F

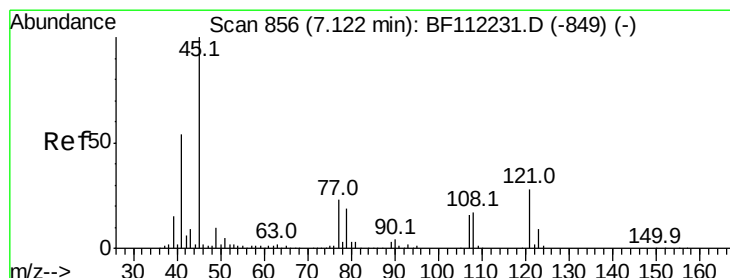
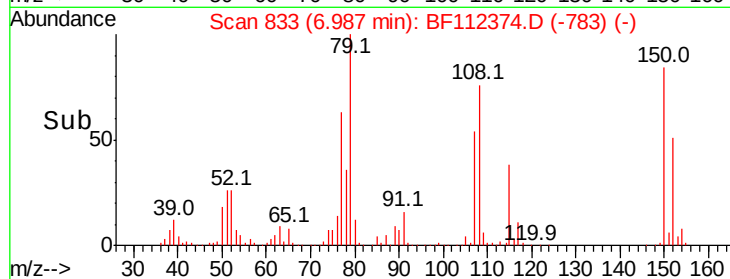
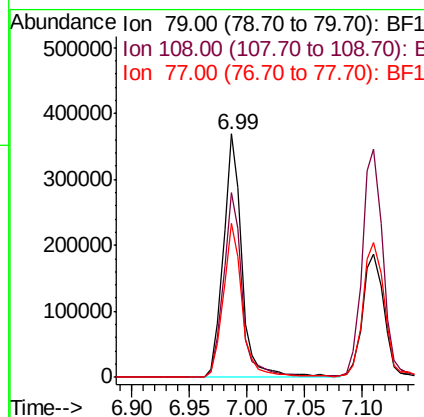
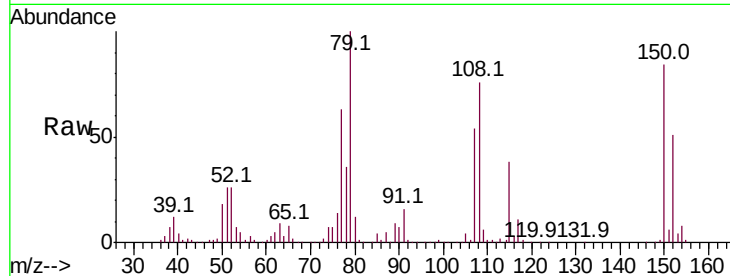
ClientSampleId :

PB116745BSD

Tot Ion:	79	Resp:	412575
Ion Ratio	Lower	Upper	
79	100		
108	76.0	64.2	96.2
77	63.3	50.3	75.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.671 ng

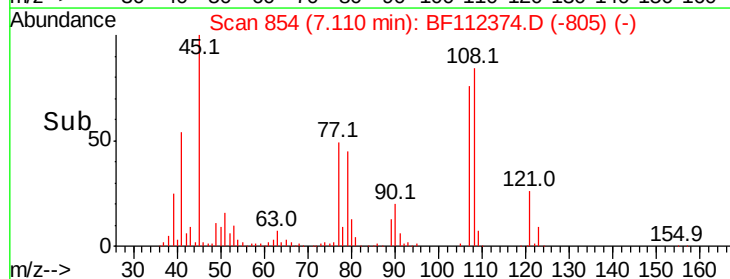
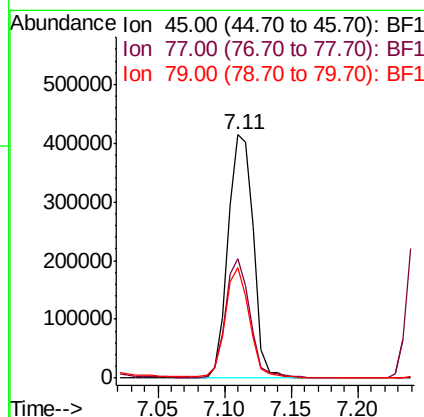
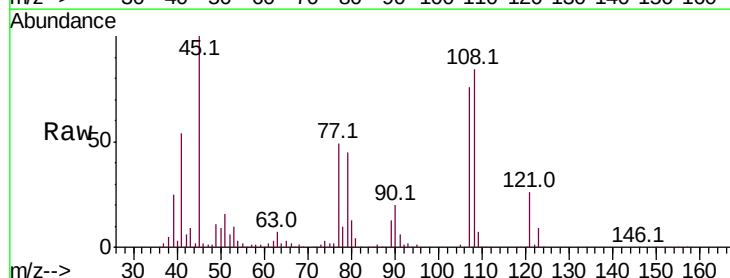
RT: 7.11 min Scan# 854

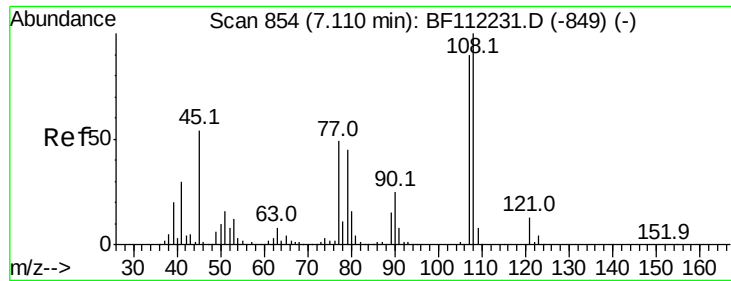
Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Tgt Ion:	45	Resp:	551891
Ion Ratio	Lower	Upper	
45	100		
77	49.3	0.0	36.9#
79	45.3	0.0	34.0#





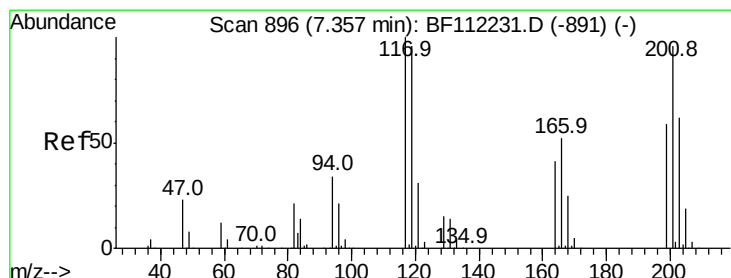
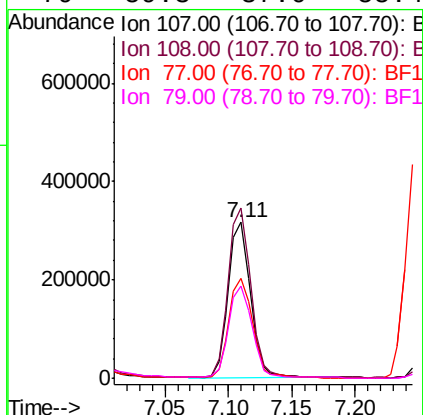
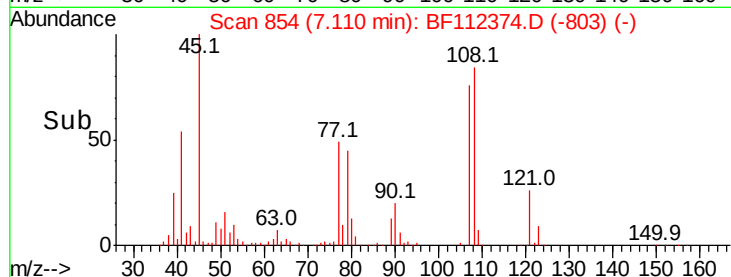
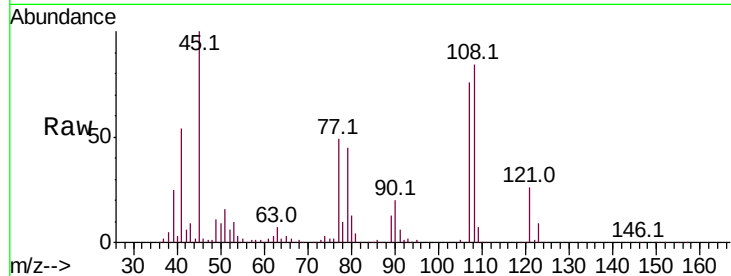
#17
2-Methylphenol
Concen: 42.404 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.6	91.3	136.9	
77	64.5	39.0	58.6#	
79	59.3	37.0	55.4#	

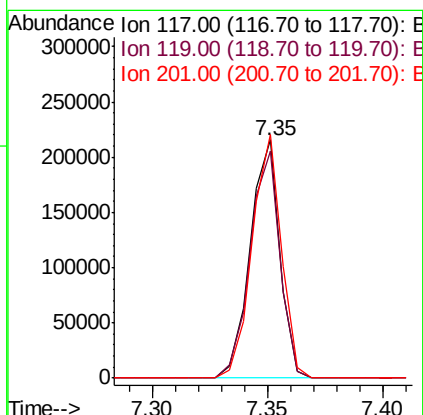
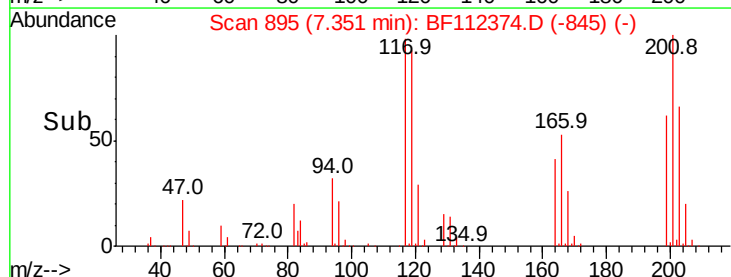
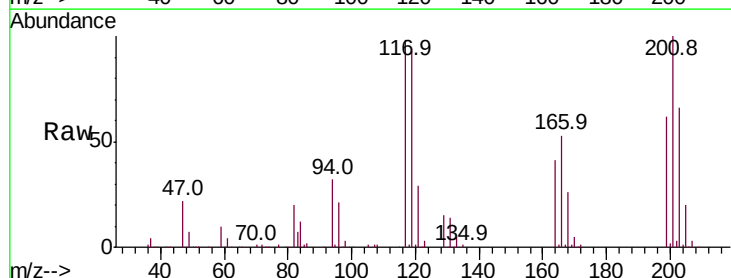
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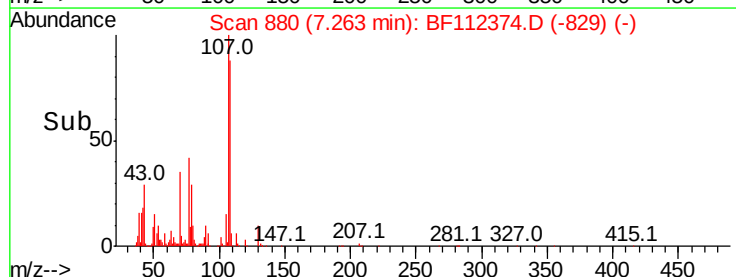
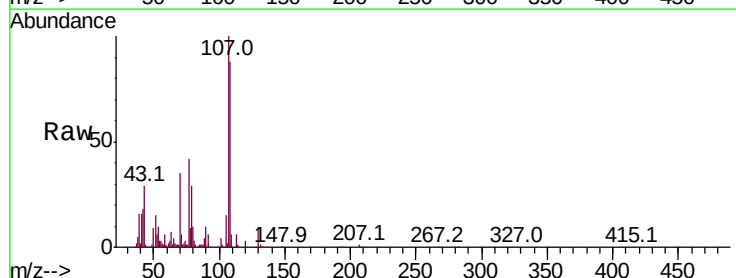
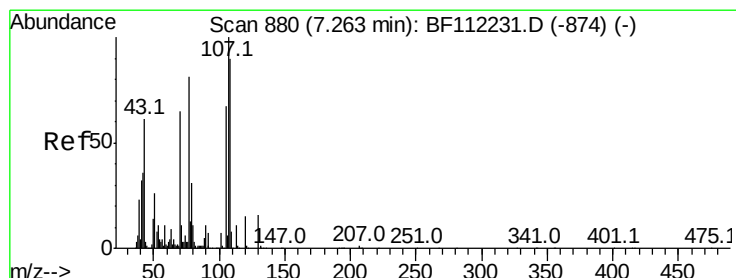
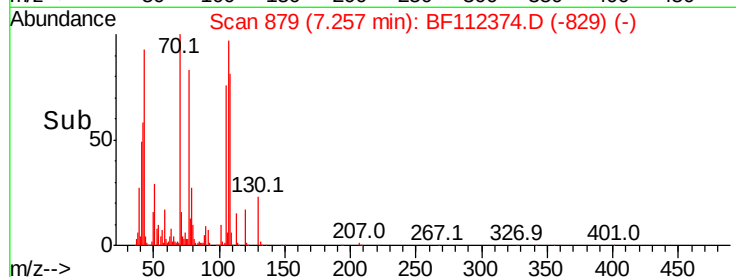
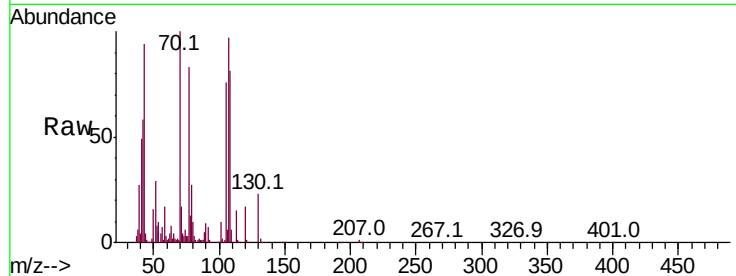
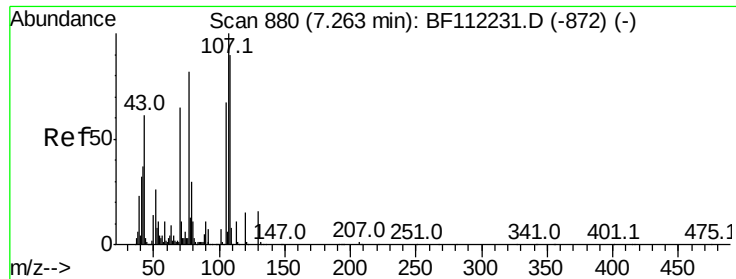
mohammad
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#18
Hexachloroethane
Concen: 39.557 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	77.0	115.4	
201	102.3	74.1	111.1	





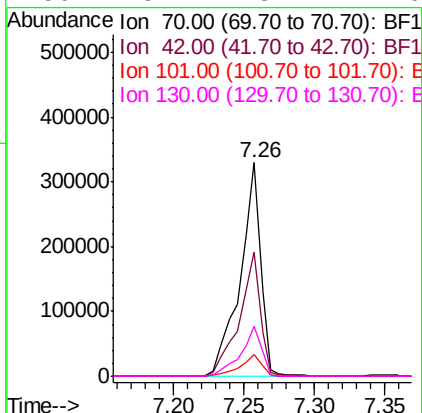
#19
n-Nitroso-di-n-propylamine
Concen: 40.841 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.1	47.6	71.4
101	10.1	7.9	11.9
130	23.4	18.4	27.6

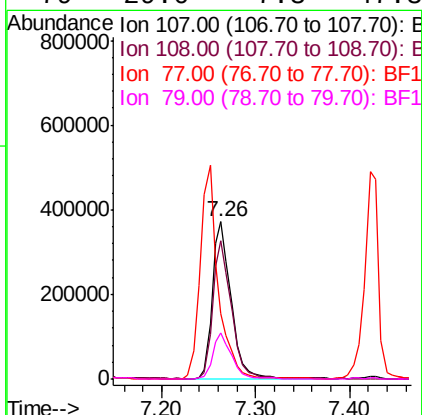
Manual Integrations
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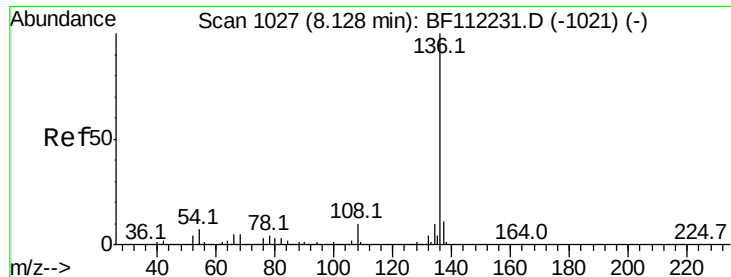
mohammad
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#20
3+4-Methylphenols
Concen: 44.258 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.0	68.2	108.2
77	41.8	100.7	140.7#
79	29.0	7.3	47.3





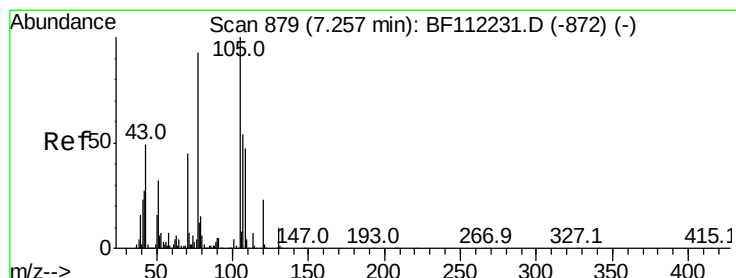
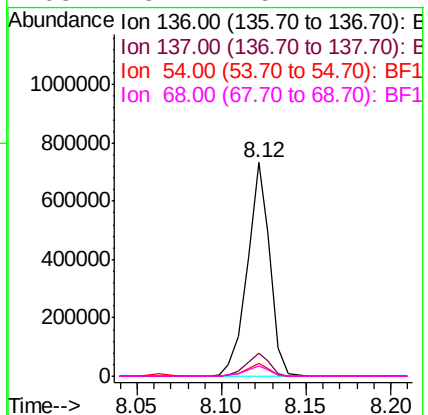
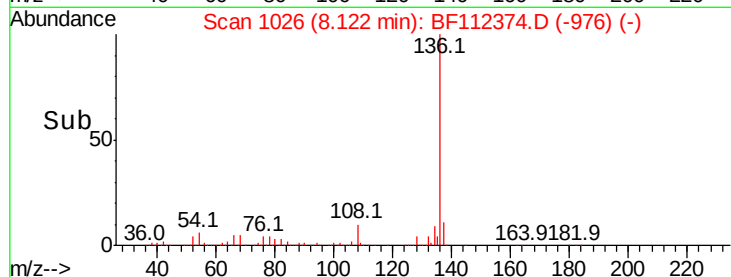
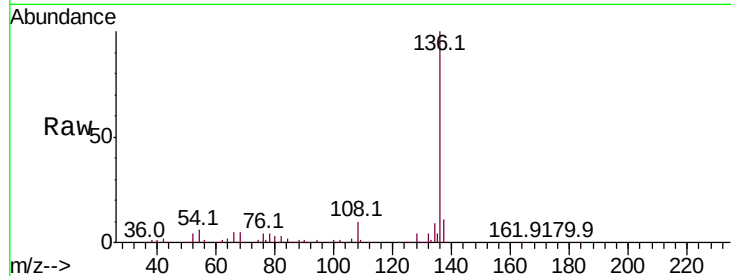
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	682342		
137	10.9	9.1	13.7	
54	6.1	5.9	8.9	
68	5.1	5.1	7.7#	

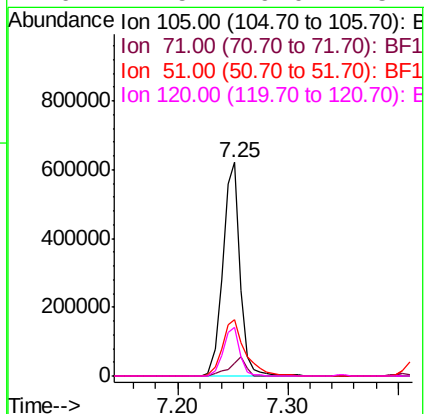
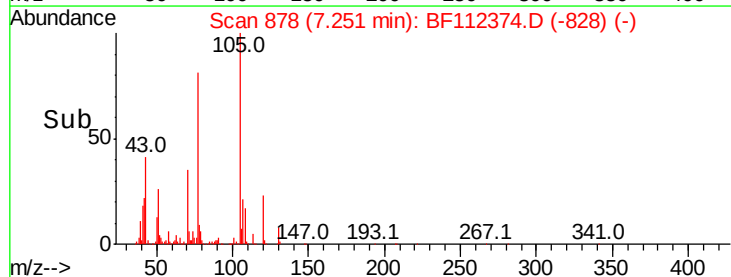
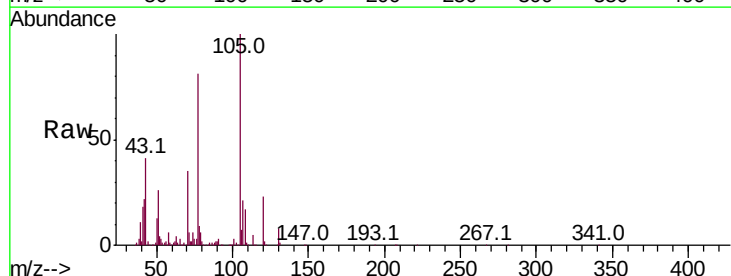
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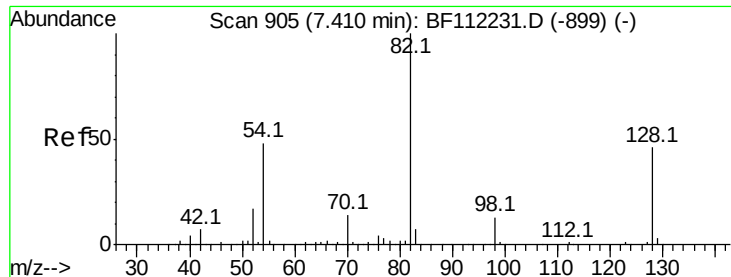
mohammad
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#22
Acetophenone
Concen: 40.744 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	676962		
71	6.2	4.6	6.8	
51	26.5	25.0	37.6	
120	22.5	19.0	28.4	





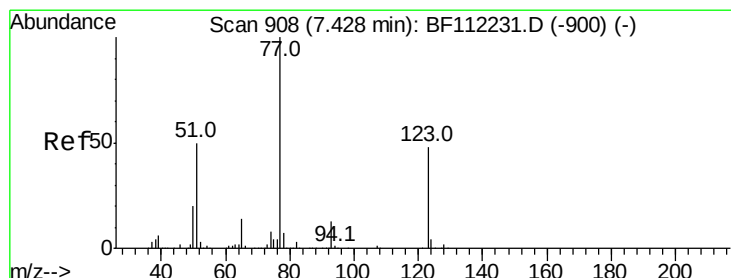
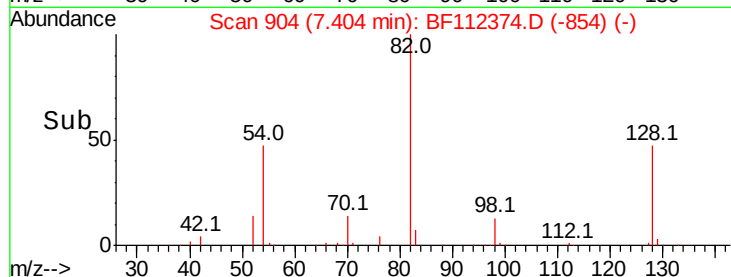
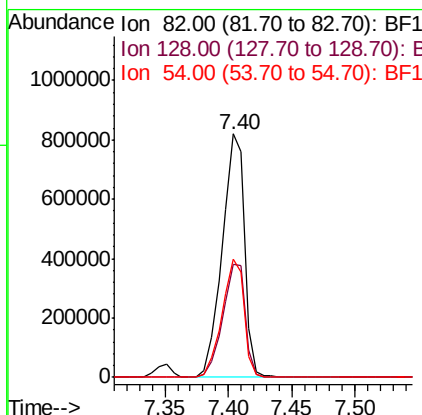
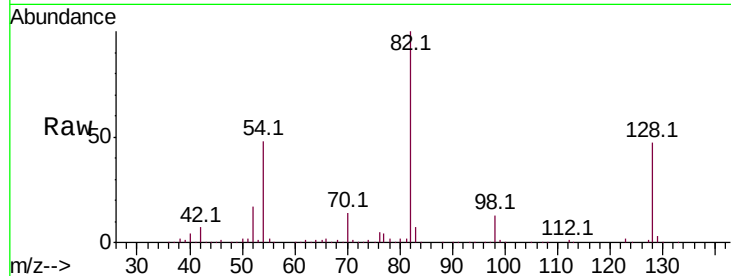
#23
 Nitrobenzene-d5
 Concen: 84.687 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF112374.D
 Acq: 4 Feb 2019 10:33

Instrument :
 BNA_F
 ClientSampled :
 PB116745BSD

Tot Ion: 82 Resp: 1002878
 Ion Ratio Lower Upper
 82 100
 128 46.6 37.8 56.8
 54 48.4 39.7 59.5

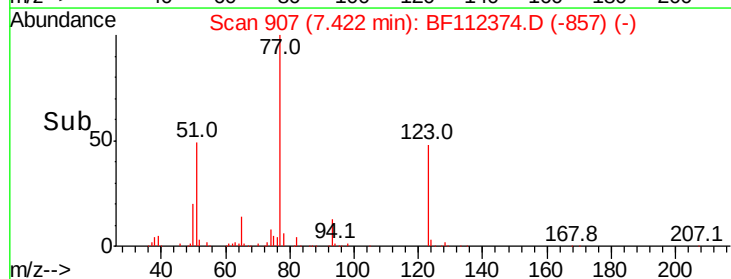
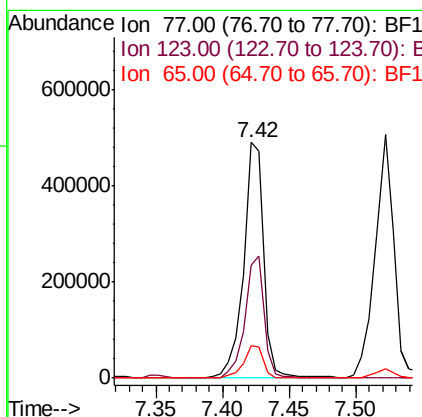
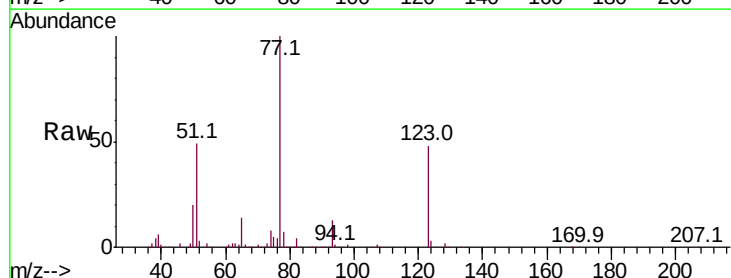
Manual Integrations
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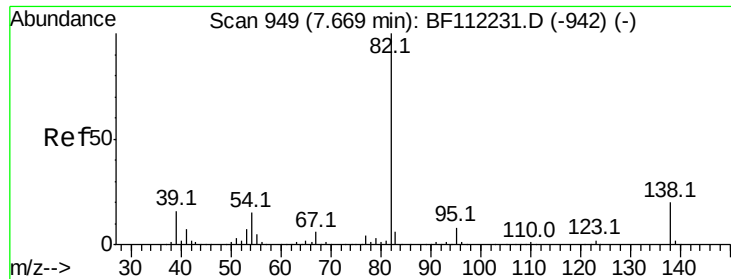
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#24
 Nitrobenzene
 Concen: 42.601 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF112374.D
 Acq: 4 Feb 2019 10:33

Tgt Ion: 77 Resp: 503838
 Ion Ratio Lower Upper
 77 100
 123 47.8 38.4 57.6
 65 13.6 10.6 15.8





#25

Isophorone

Concen: 48.074 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

BNA_F

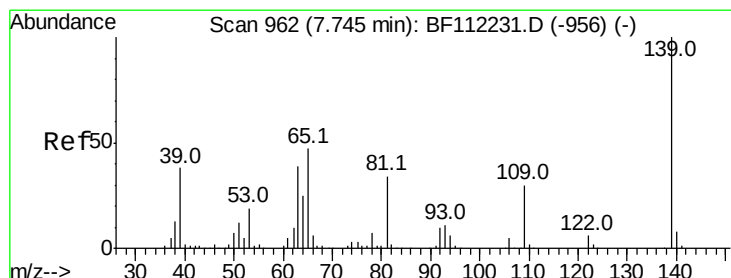
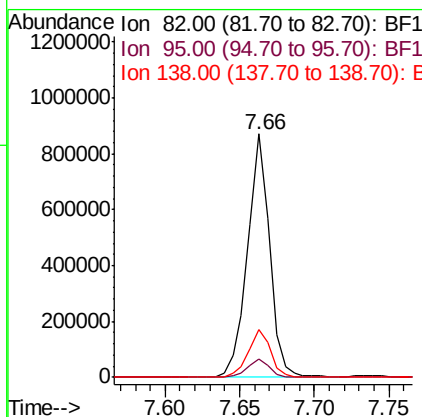
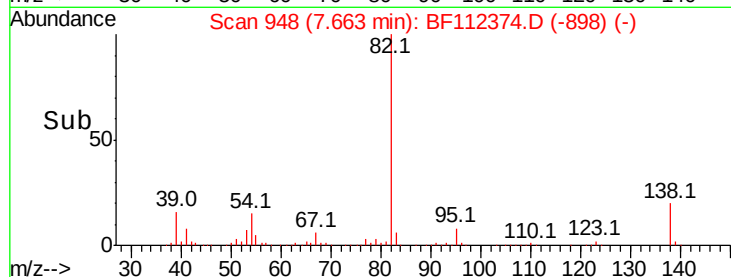
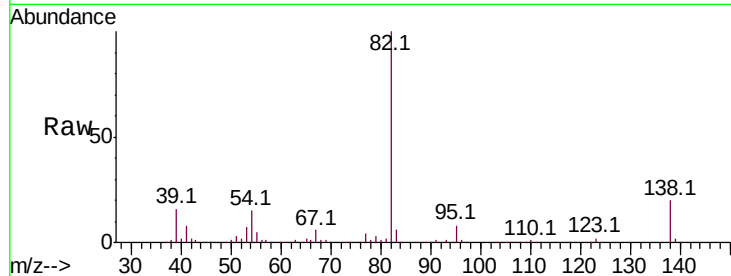
ClientSampleId :

PB116745BSD

Tot Ion:	82	Resp:	893107
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.7	8.5
138	19.6	15.4	23.0

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#26

2-Nitrophenol

Concen: 42.932 ng

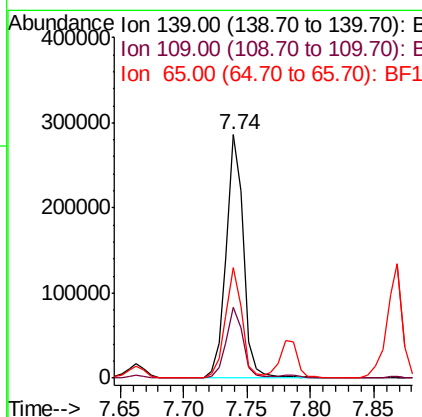
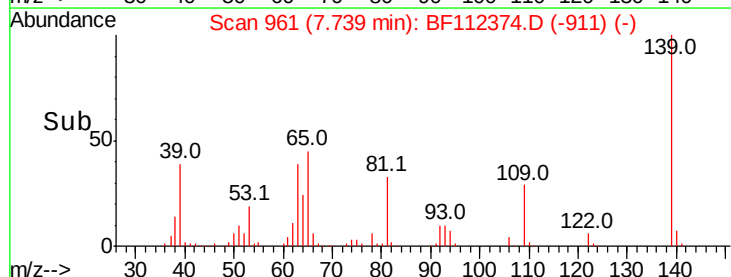
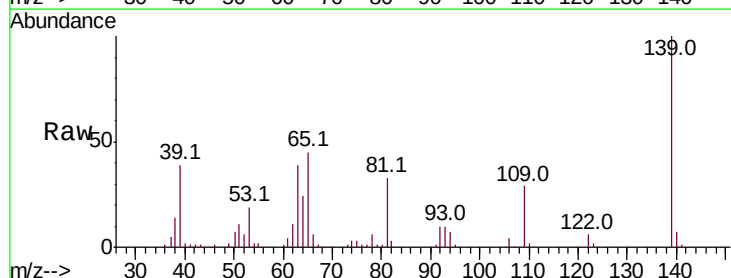
RT: 7.74 min Scan# 961

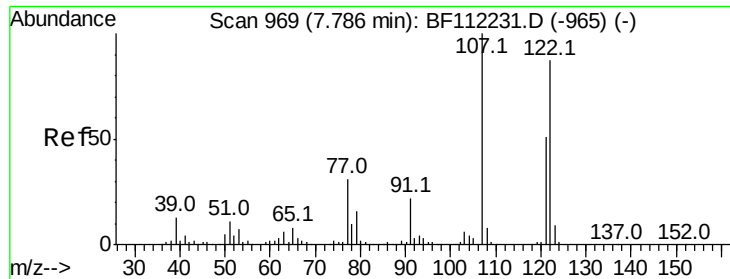
Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Tgt Ion:	139	Resp:	271347
Ion Ratio	Lower	Upper	
139	100		
109	29.2	20.8	31.2
65	45.4	34.4	51.6





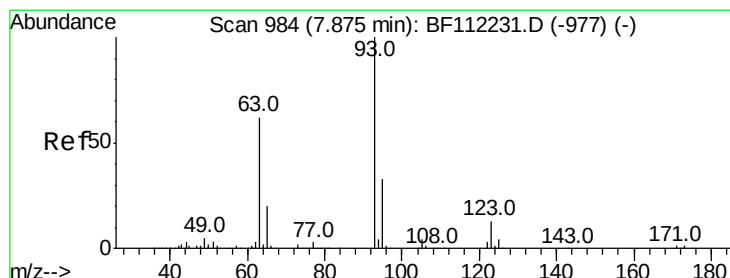
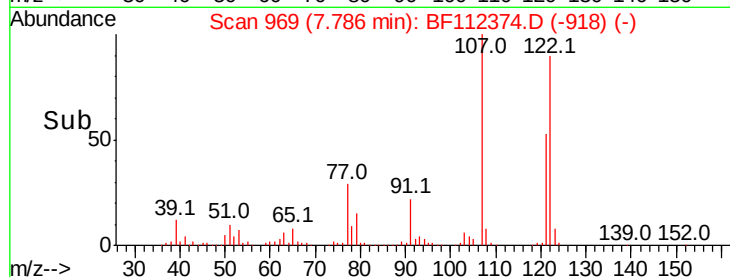
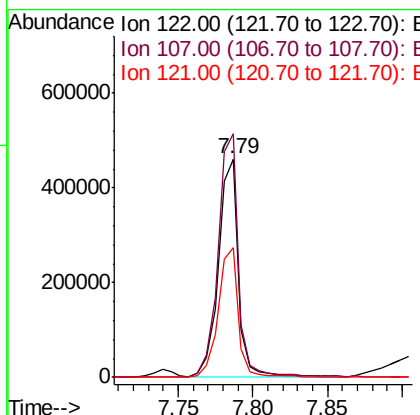
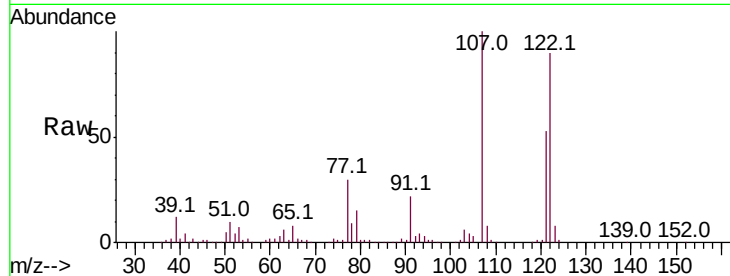
#27
2,4-Dimethylphenol
Concen: 49.761 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	433320		
107	111.5	85.4	128.0	
121	59.5	47.0	70.4	

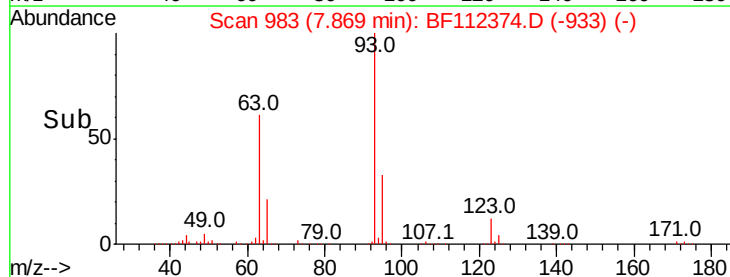
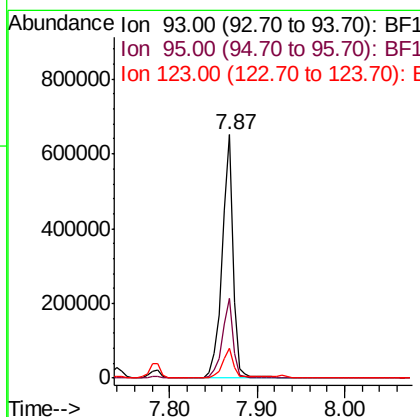
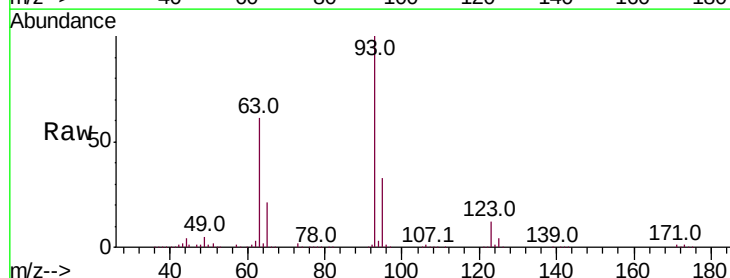
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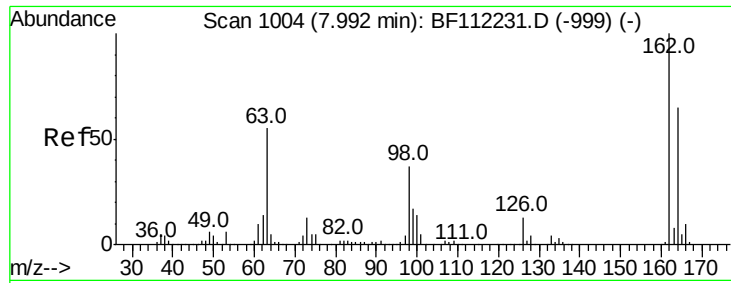
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 45.264 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	572585		
95	32.9	26.8	40.2	
123	12.0	10.2	15.2	





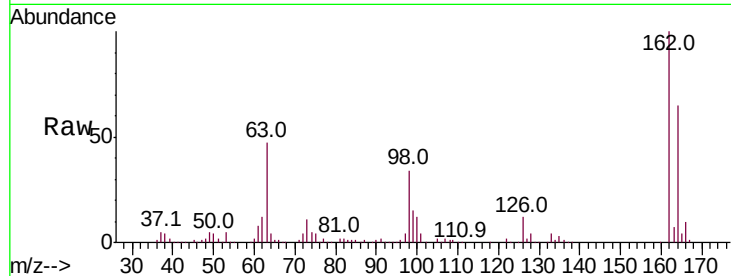
#29
2,4-Dichlorophenol
Concen: 44.684 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	435441		
164	64.7		44.6	84.6
98	33.8		14.6	54.6

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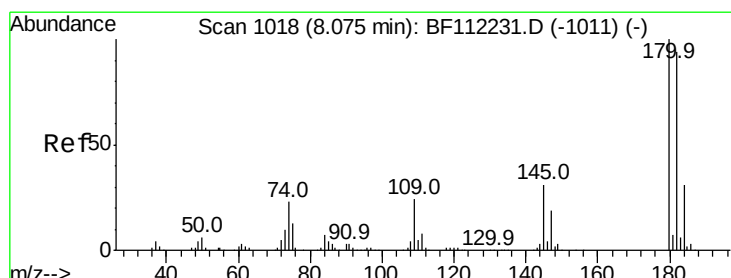
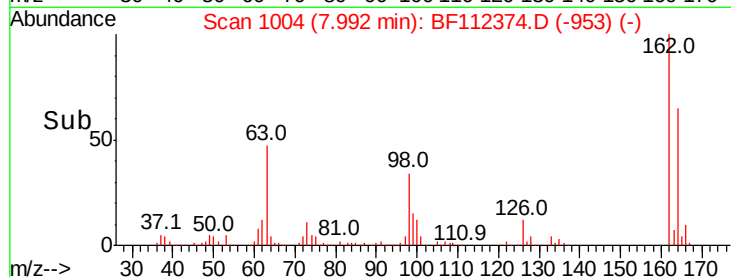
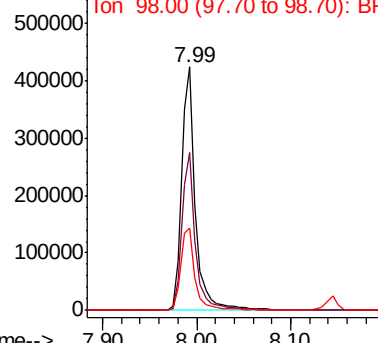


Abundance

Ion 162.00 (161.70 to 162.70): E

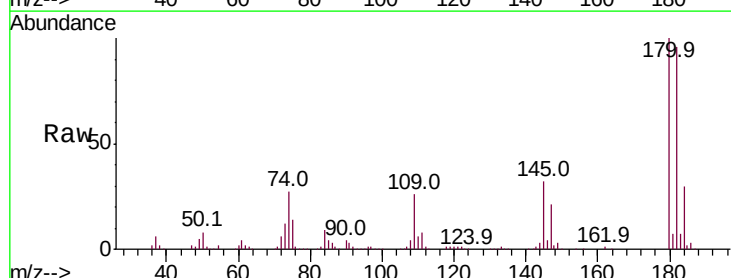
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 42.196 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	472657		
182	95.8		76.4	114.6
145	32.4		25.0	37.4

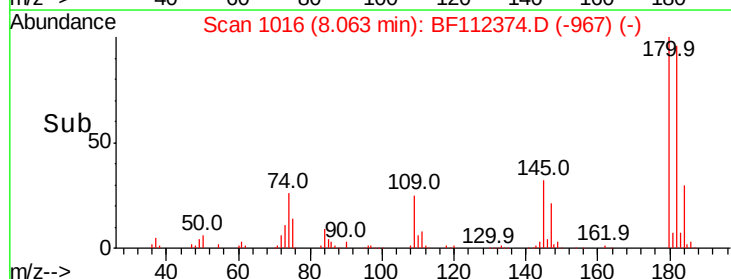
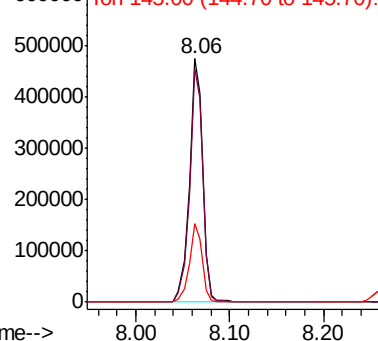


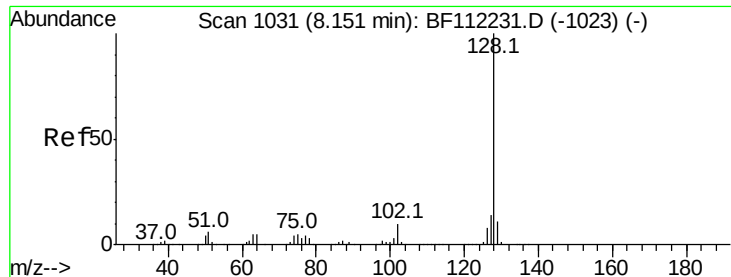
Abundance

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





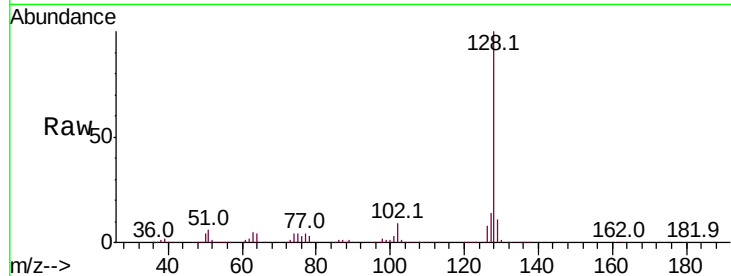
#31
Naphthalene
Concen: 44.794 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.6	14.4
127	14.0	11.1	16.7

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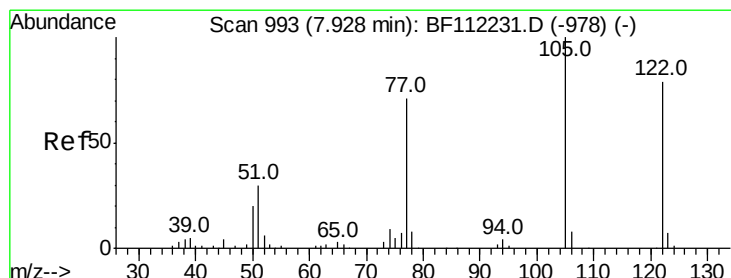
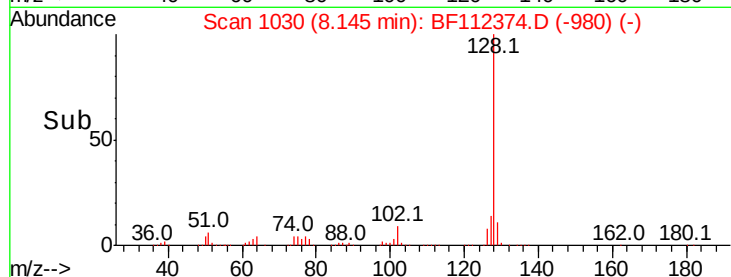
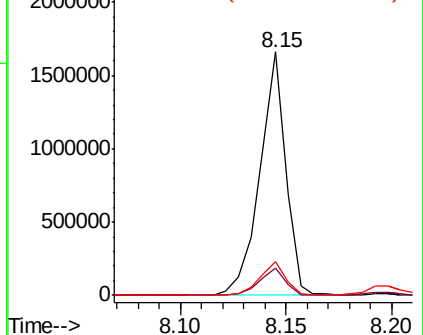


Abundance

Ion 128.00 (127.70 to 128.70): E

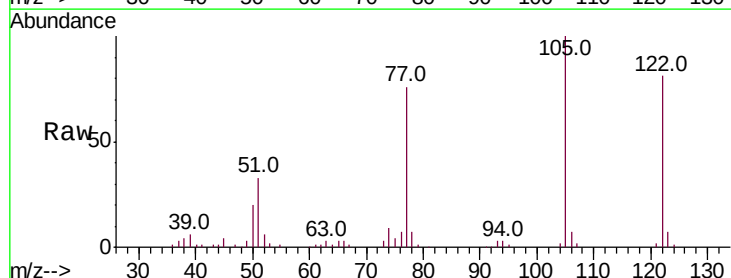
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 40.015 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.1	101.2	141.2
77	93.0	70.4	110.4

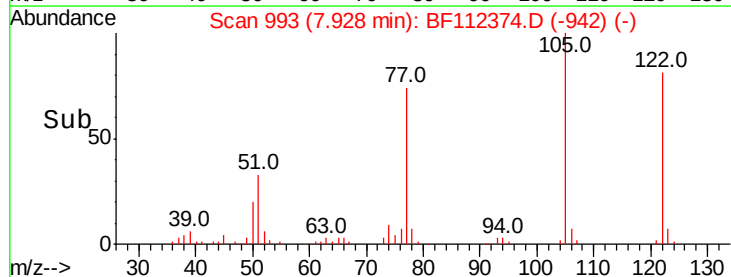
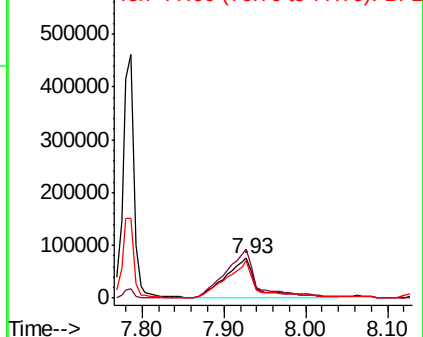


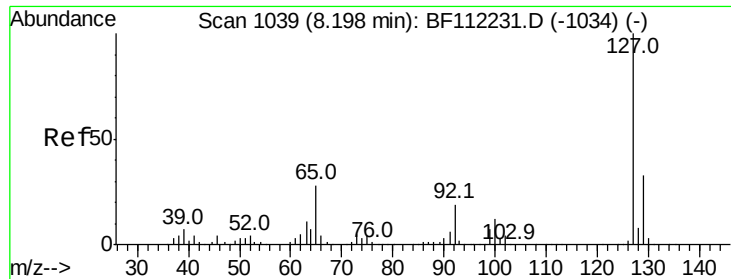
Abundance

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





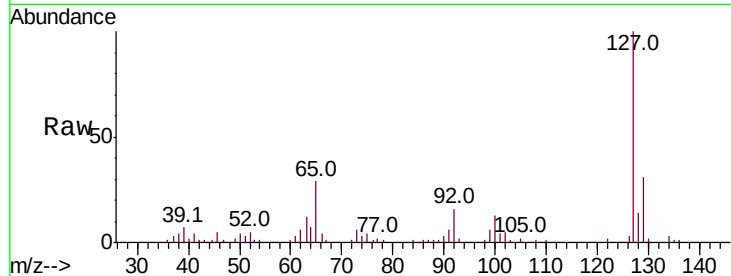
#33
4-Chloroaniline
Concen: 7.344 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.6	39.8
65	29.1	21.4	32.2
92	16.2	14.2	21.2

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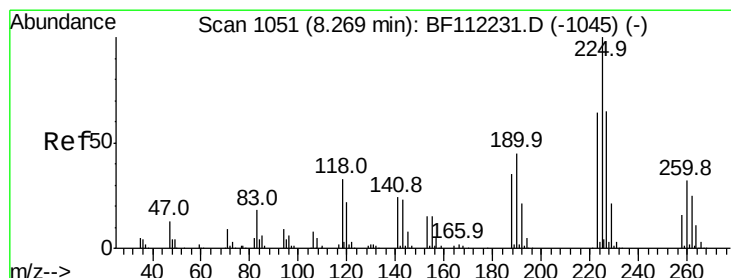
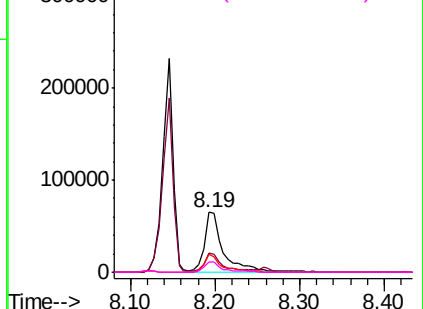
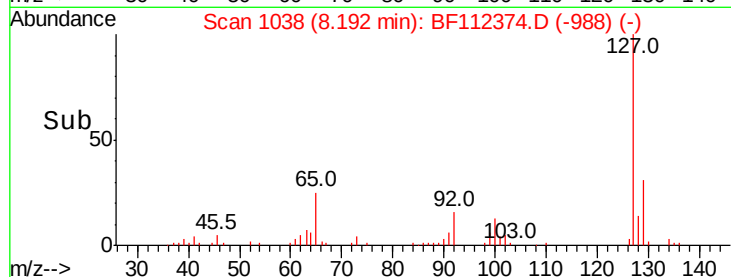
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

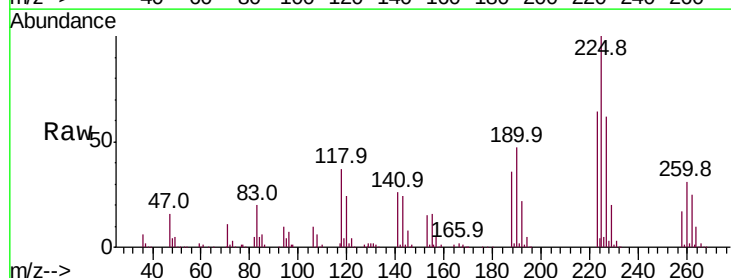
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.599 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.3	75.5
227	62.3	51.8	77.8

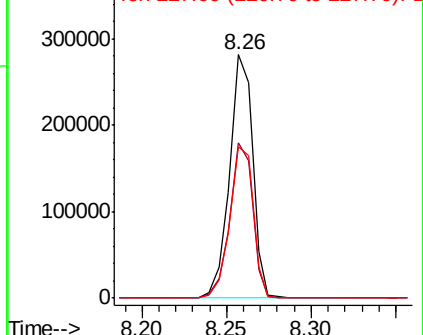
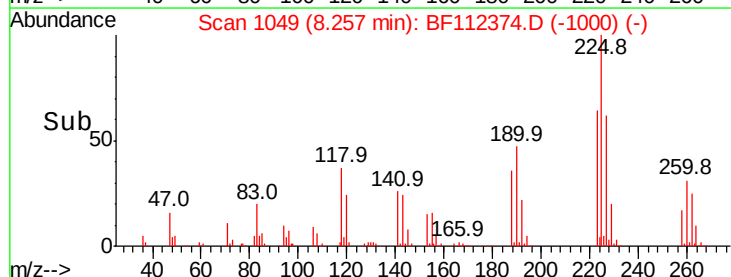


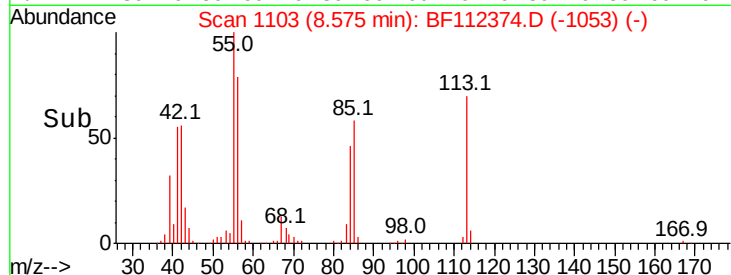
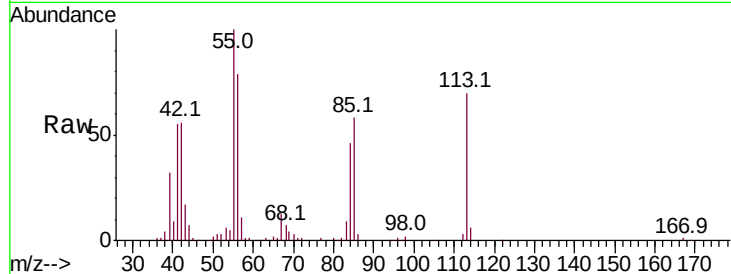
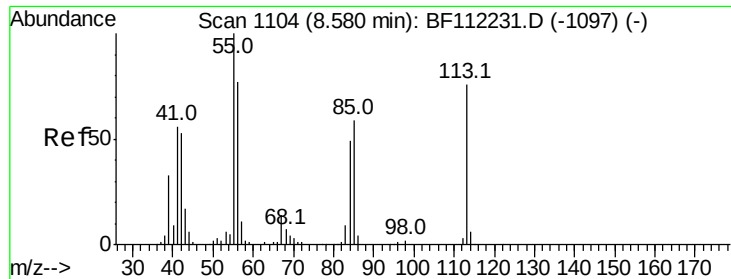
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.817 ng/ml

RT: 8.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Tot Ion:	113	Resp:	126568
Ion Ratio	Lower	Upper	
113	100		
55	143.7	121.6	161.6
56	113.2	86.7	126.7

Instrument :

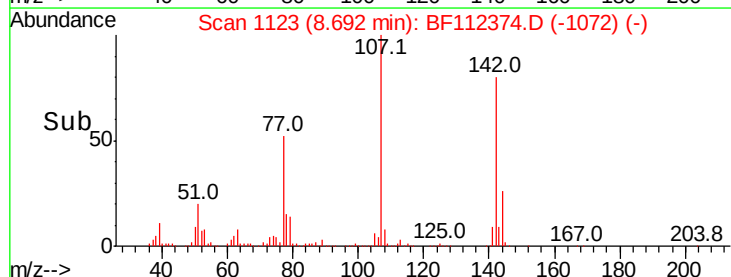
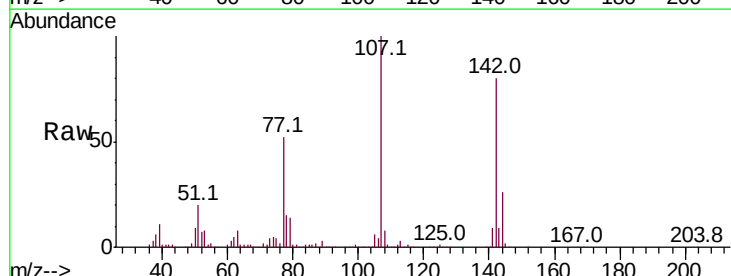
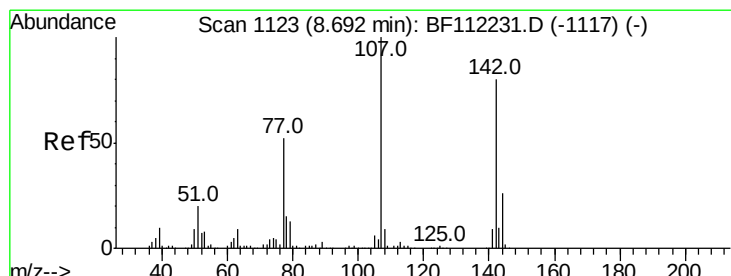
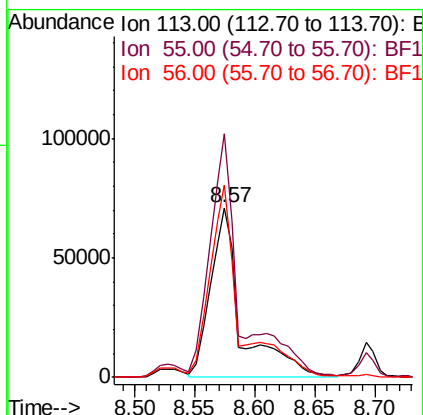
BNA_F

ClientSampleId :

PB116745BSD

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#36

4-Chloro-3-methylphenol

Concen: 42.063 ng/ml

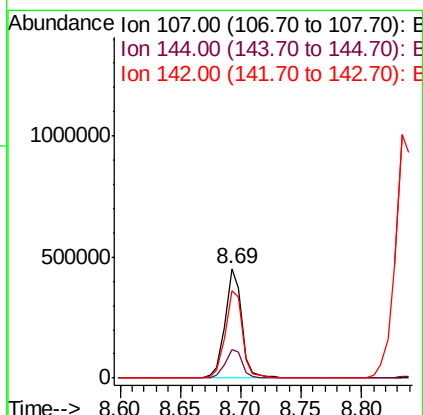
RT: 8.69 min Scan# 1123

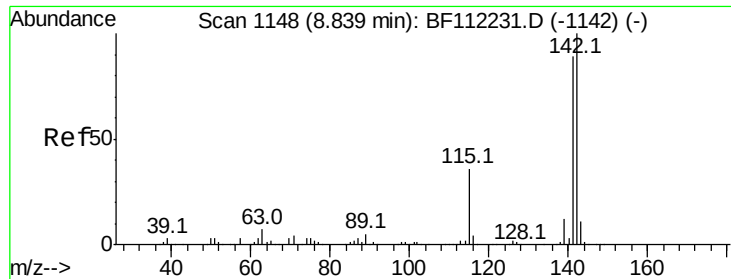
Delta R.T. 0.00 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Tgt Ion:	107	Resp:	433935
Ion Ratio	Lower	Upper	
107	100		
144	26.0	22.2	33.2
142	80.1	67.7	101.5





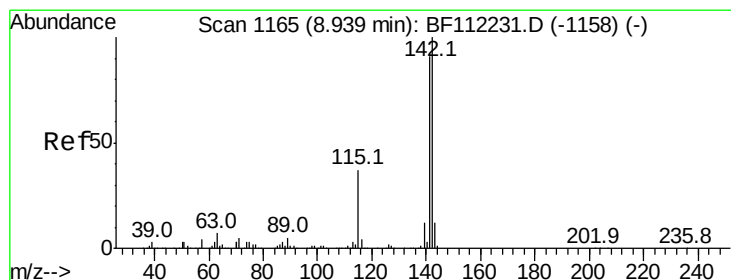
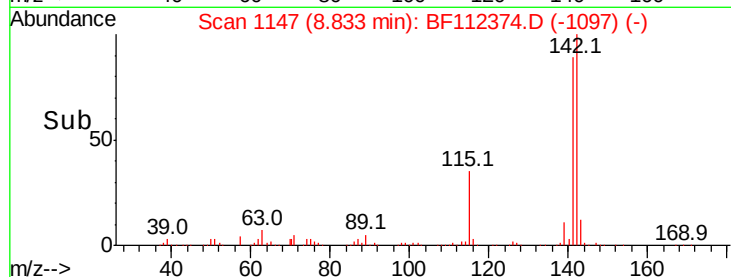
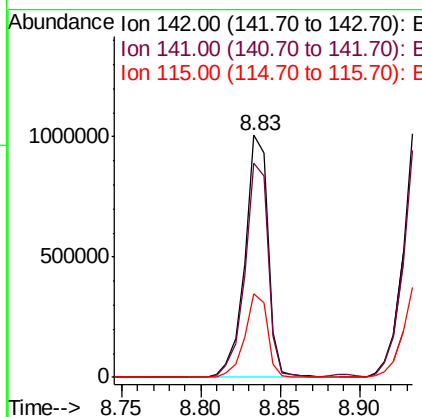
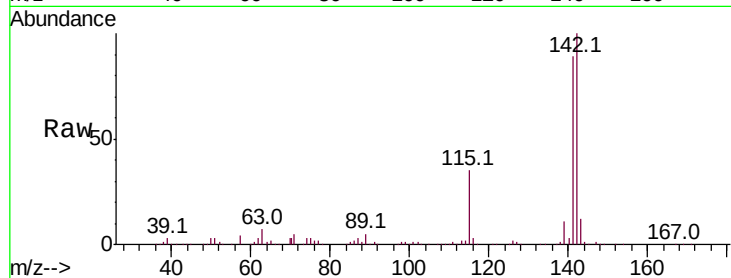
#37
2-Methylnaphthalene
Concen: 46.286 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.9	106.3
115	34.8	24.9	37.3

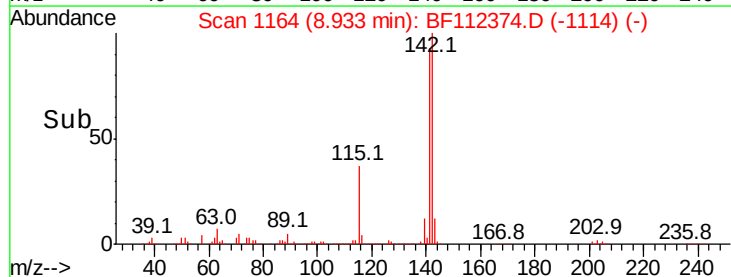
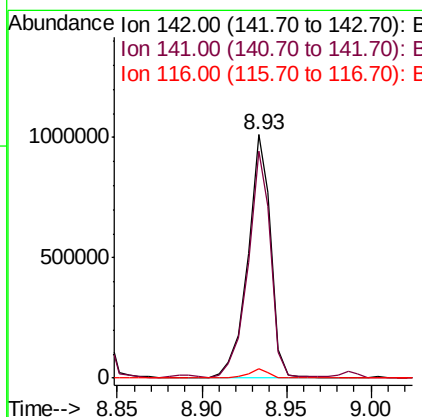
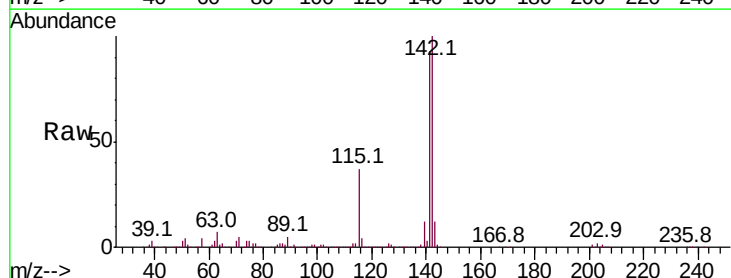
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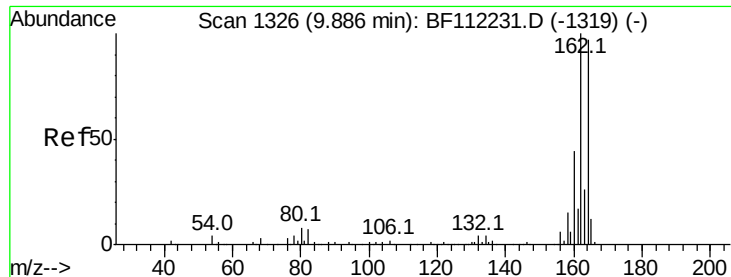
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#38
1-Methylnaphthalene
Concen: 45.304 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	72.6	108.8
116	3.9	2.8	4.2





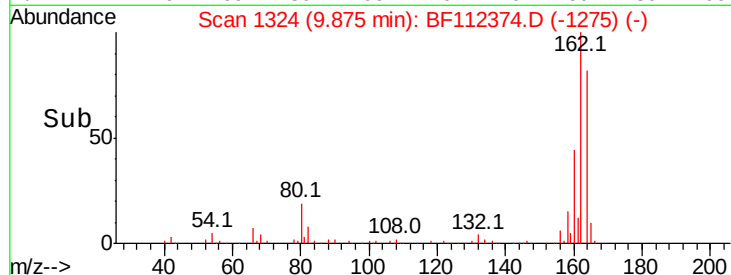
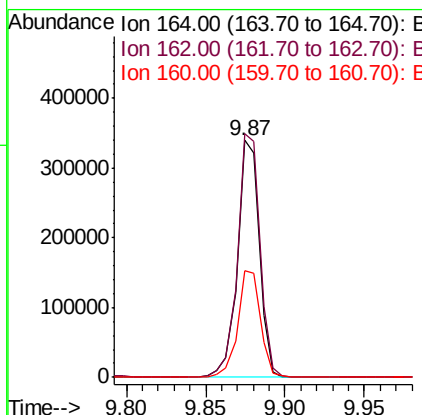
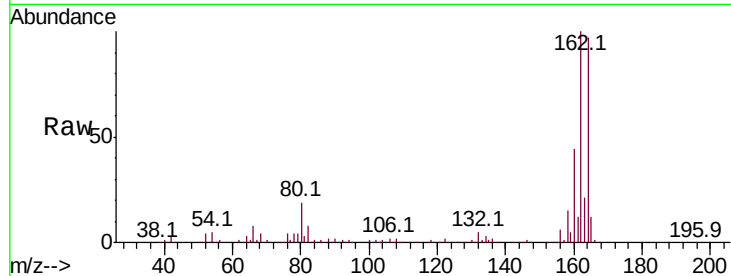
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112374.D
 Acq: 4 Feb 2019 10:33

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.2	123.4
160	44.8	36.2	54.4

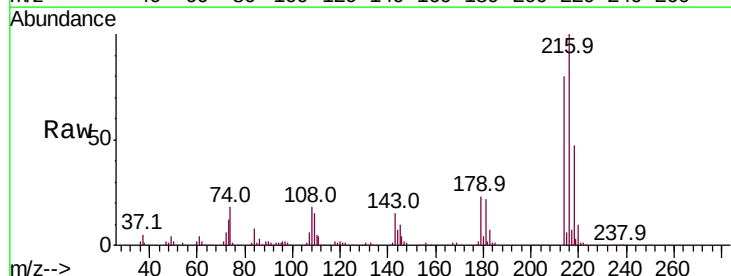
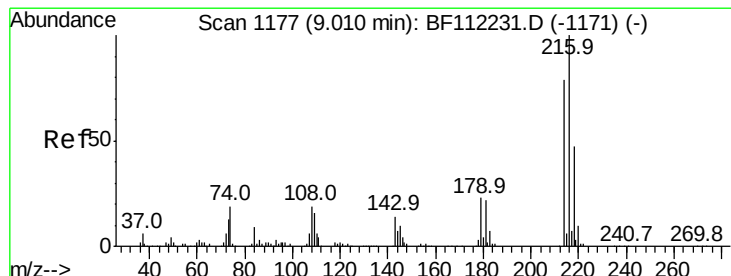
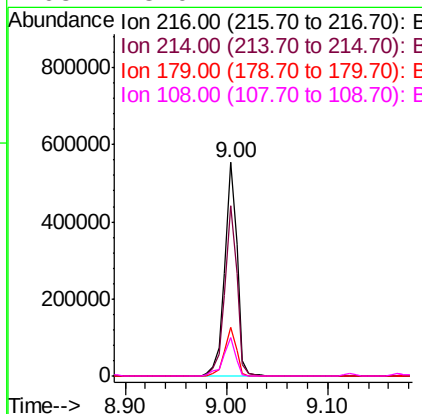
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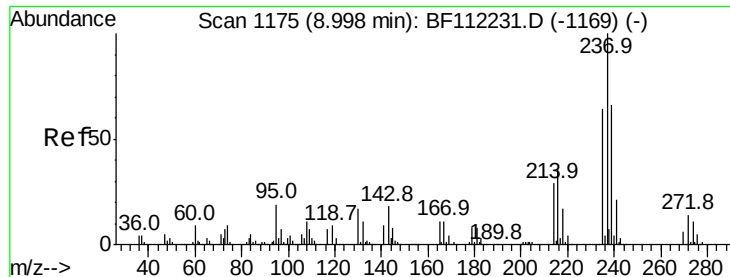
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.758 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF112374.D
 Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.8	95.6
179	22.1	16.9	25.3
108	18.0	14.2	21.4





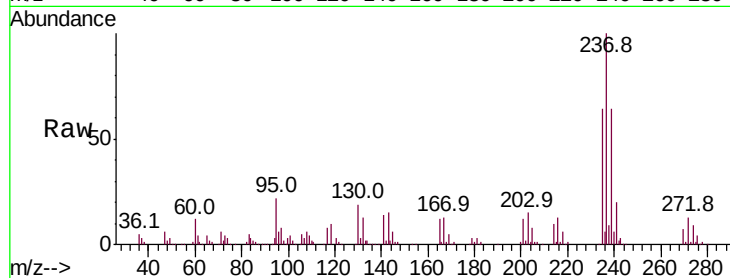
#41
Hexachlorocyclopentadiene
Concen: 45.505 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

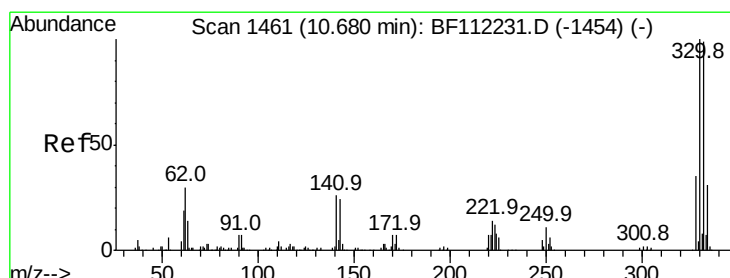
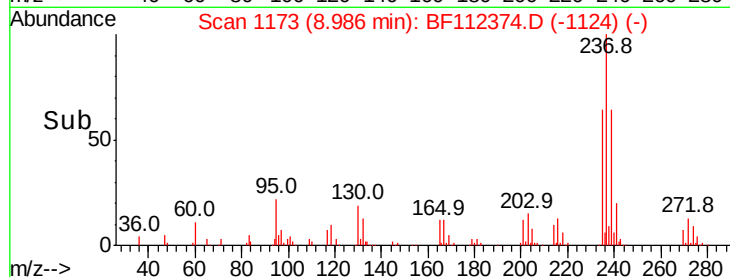
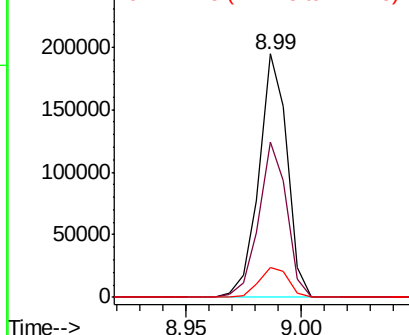
Tot Ion	Ratio	Resp	Lower	Upper
237	100	165947		
235	63.7	44.0	84.0	
272	12.5	0.0	33.3	

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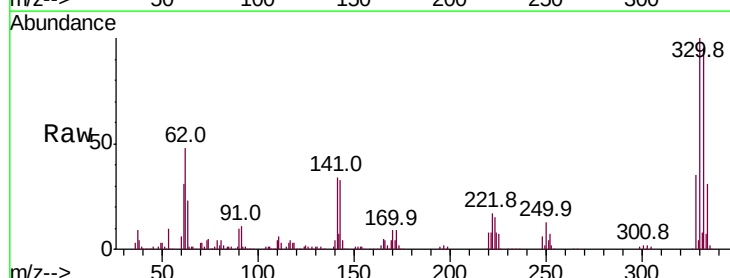


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

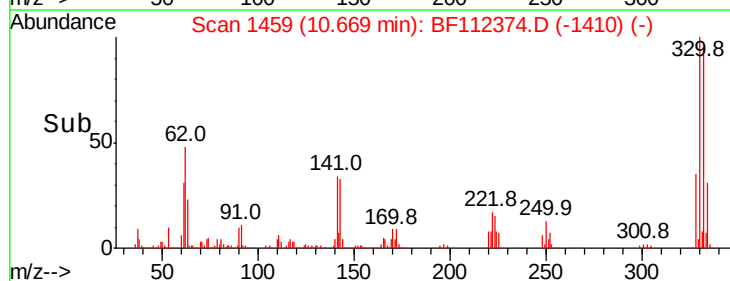
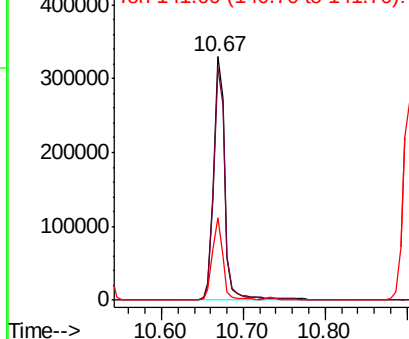


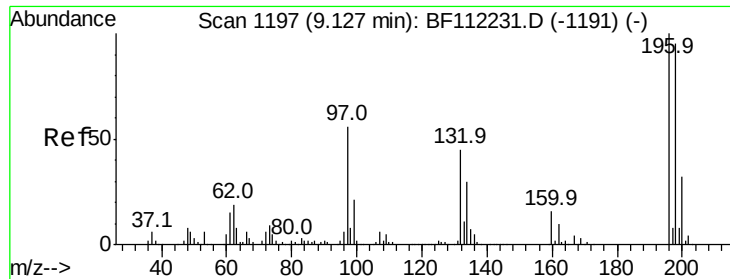
#42
2,4,6-Tribromophenol
Concen: 83.567 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	317517		
332	95.4	76.6	114.8	
141	31.5	24.3	36.5	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





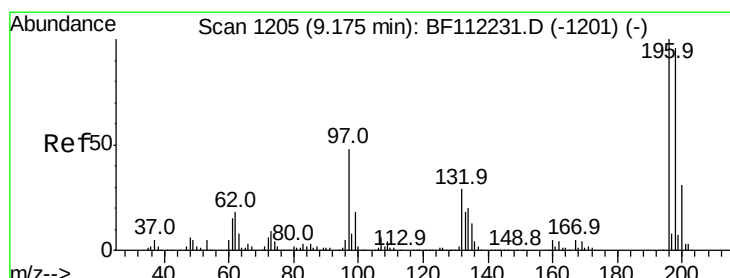
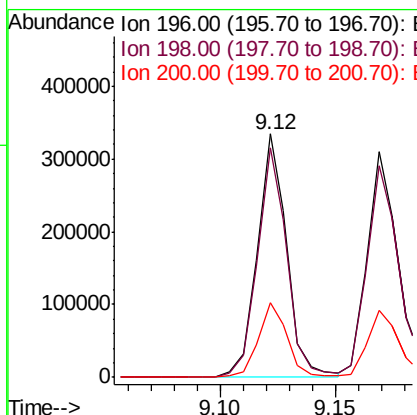
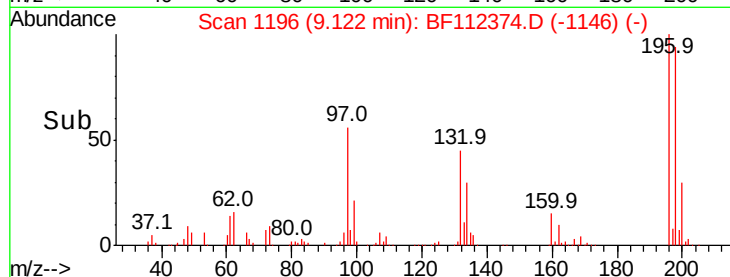
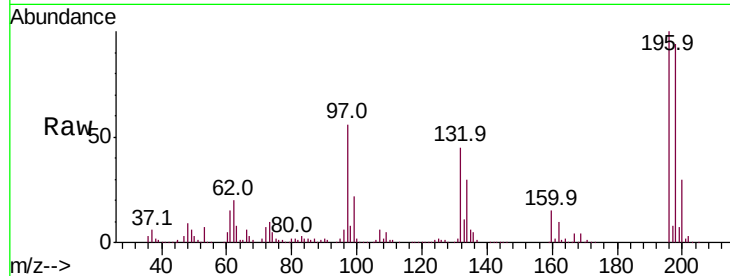
#43
 2,4,6-Trichlorophenol
 Concen: 44.805 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF112374.D
 Acq: 4 Feb 2019 10:33

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BSD

Tot Ion:	196	Resp:	296008
Ion Ratio	Lower	Upper	
196	100		
198	94.1	76.2	114.4
200	30.4	24.3	36.5

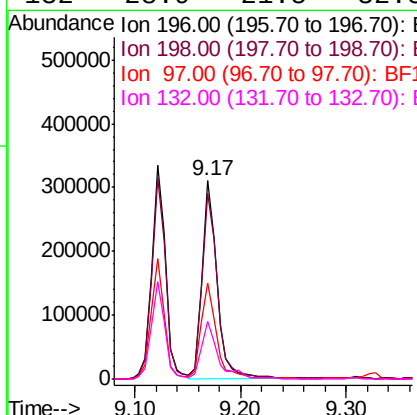
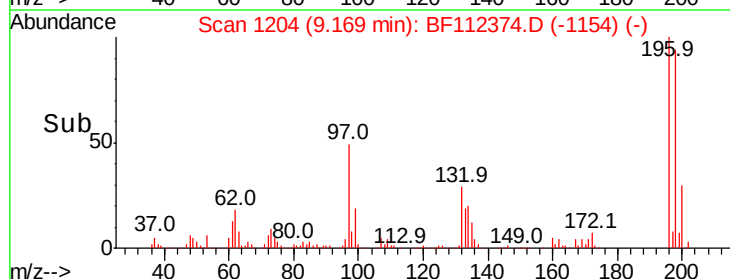
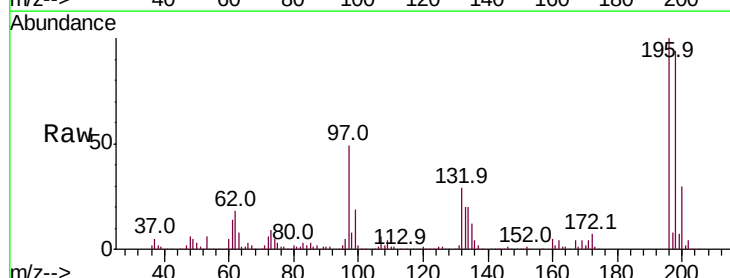
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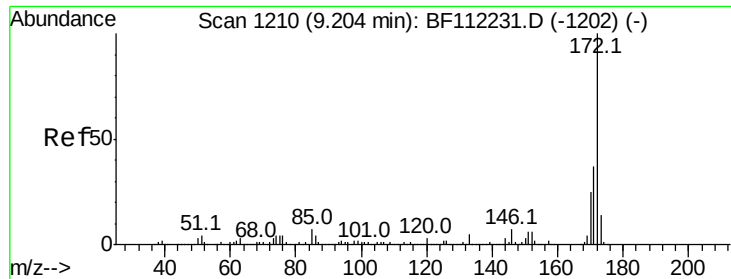
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.260 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112374.D
 Acq: 4 Feb 2019 10:33

Tgt Ion:	196	Resp:	305603
Ion Ratio	Lower	Upper	
196	100		
198	93.7	76.0	114.0
97	48.7	36.4	54.6
132	28.9	21.5	32.3





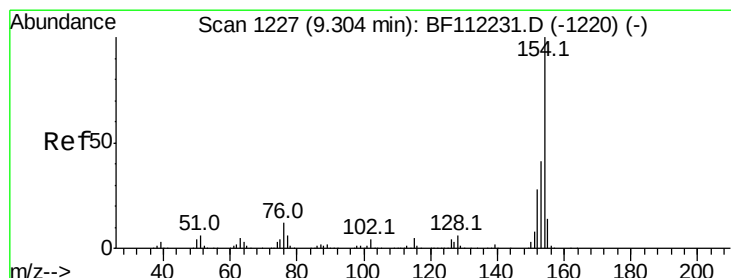
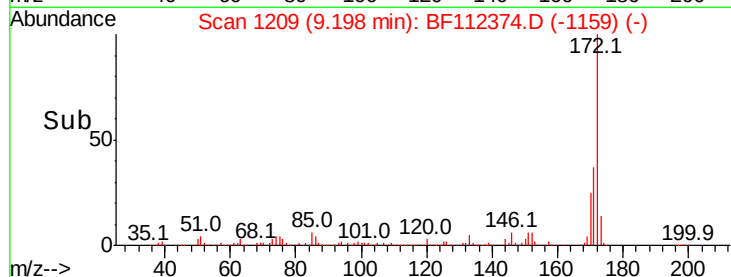
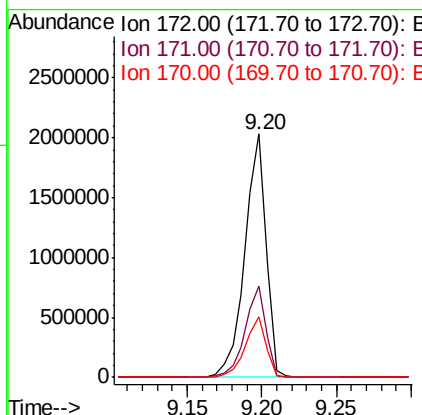
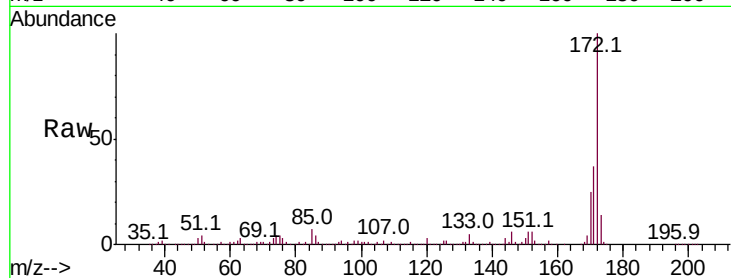
#45
2-Fluorobiphenyl
Concen: 86.727 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion:172 Resp: 2001652
Ion Ratio Lower Upper
172 100
171 37.4 30.5 45.7
170 24.7 20.2 30.4

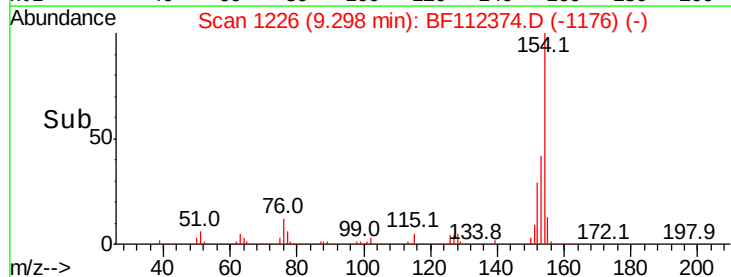
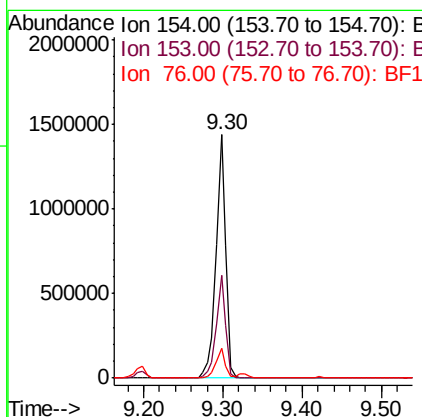
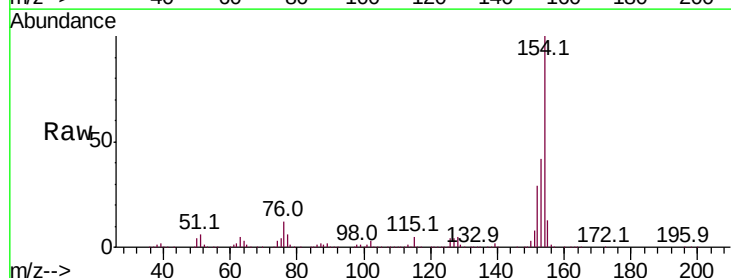
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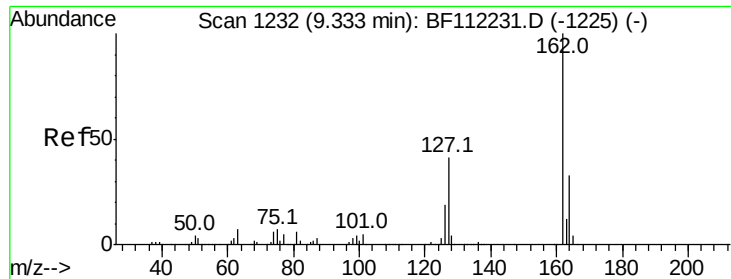
mohammad
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#46
1,1'-Biphenyl
Concen: 42.985 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion:154 Resp: 1226702
Ion Ratio Lower Upper
154 100
153 42.3 21.5 61.5
76 12.0 0.0 33.1





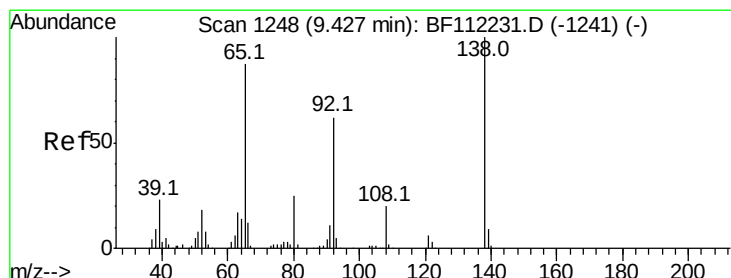
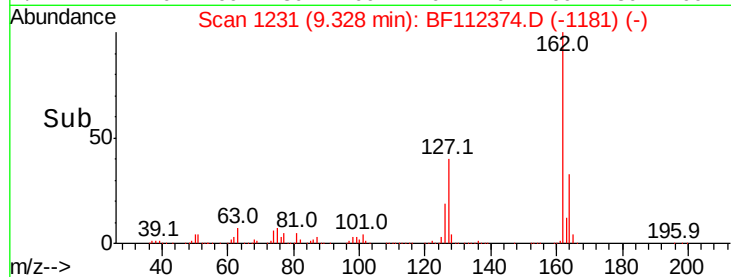
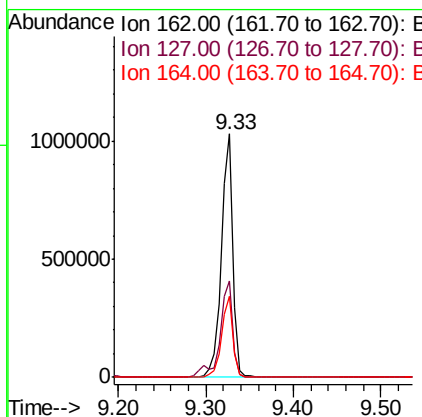
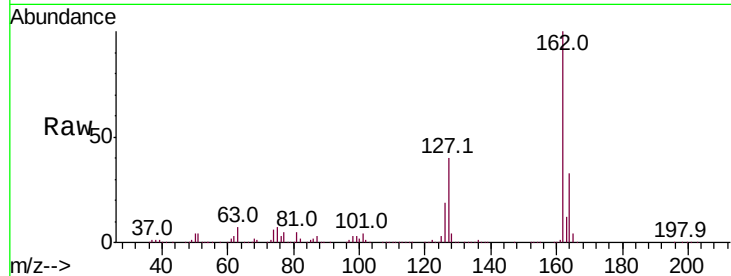
#47
 2-Chloronaphthalene
 Concen: 42.379 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF112374.D
 Acq: 4 Feb 2019 10:33

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BSD

Tot Ion:	162	Resp:	937847
Ion Ratio	Lower	Upper	
162	100		
127	39.7	30.4	45.6
164	33.2	27.4	41.2

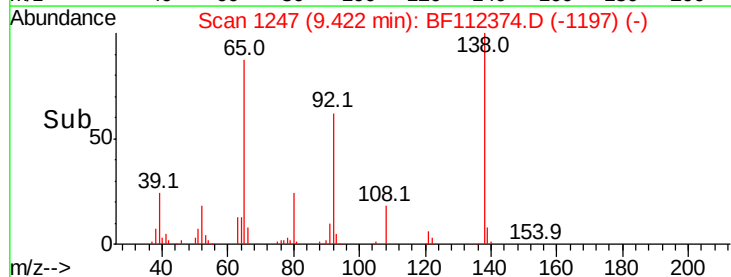
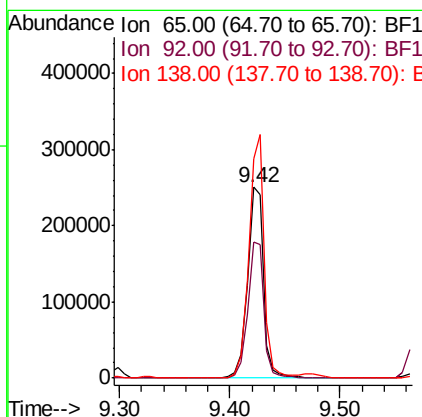
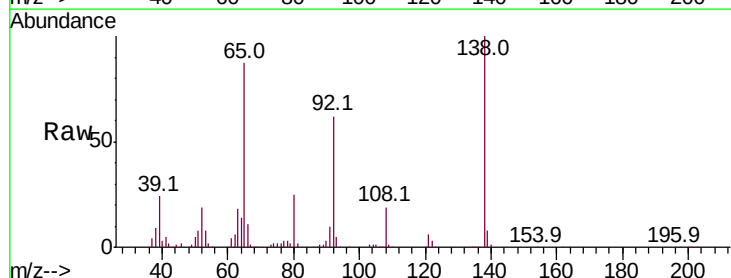
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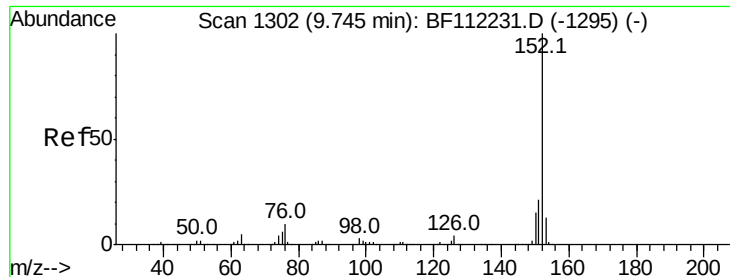
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#48
 2-Nitroaniline
 Concen: 42.501 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF112374.D
 Acq: 4 Feb 2019 10:33

Tgt Ion:	65	Resp:	256357
Ion Ratio	Lower	Upper	
65	100		
92	71.4	60.4	90.6
138	114.8	104.4	156.6





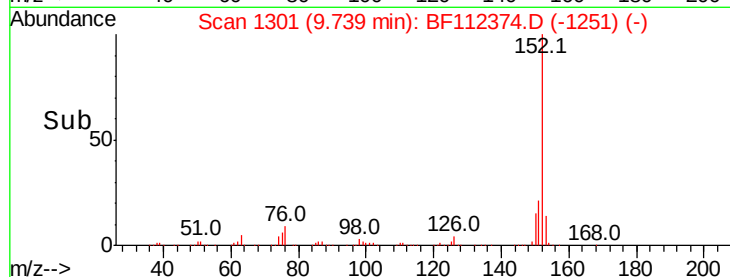
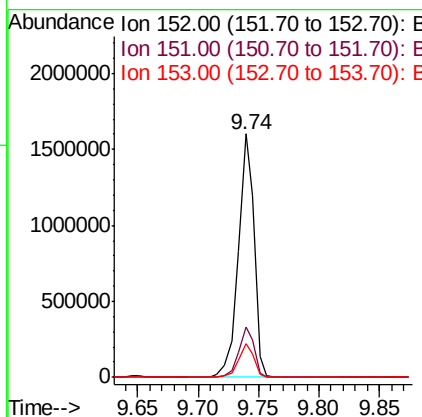
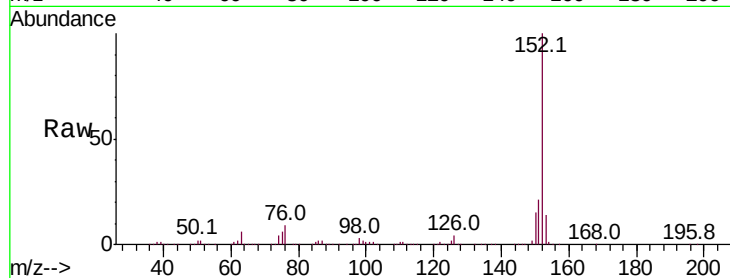
#49
Acenaphthylene
Concen: 45.114 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.0	25.6
153	13.7	11.2	16.8

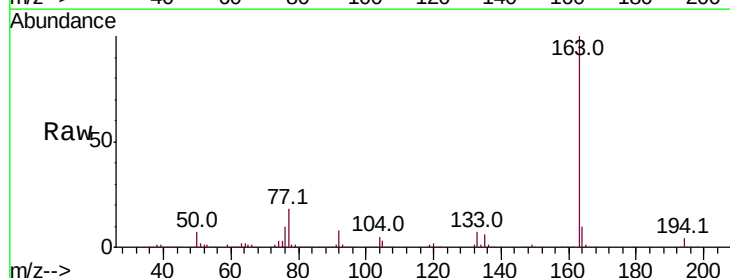
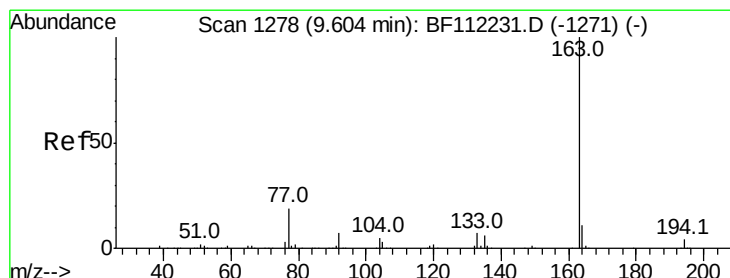
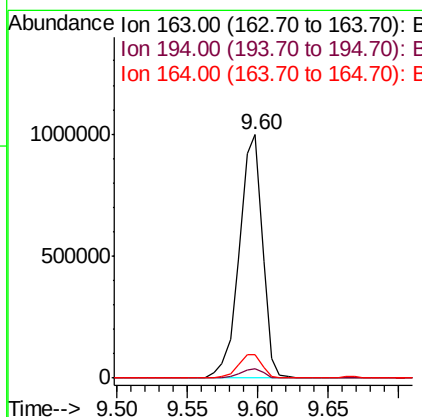
Manual Integrations
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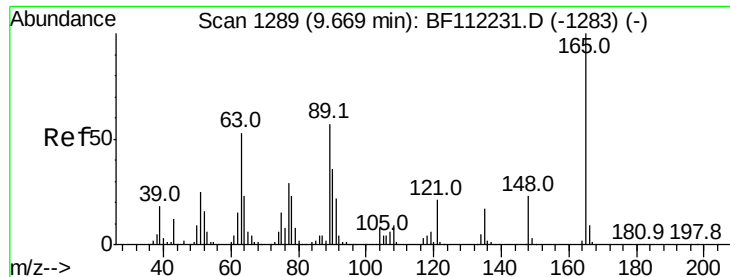
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#50
Dimethylphthalate
Concen: 45.070 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.8	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 43.821 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

Tot Ion:165 Resp: 248908

Ion Ratio Lower Upper

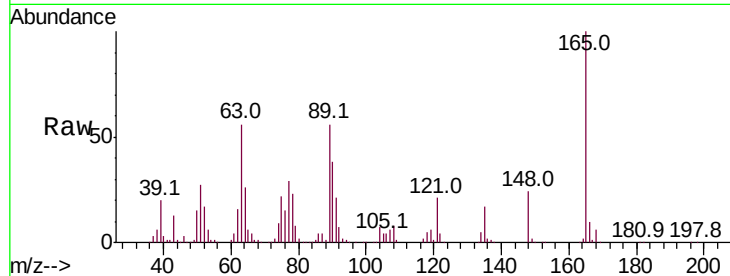
165 100

63 56.4 33.8 50.8#

89 56.1 36.9 55.3#

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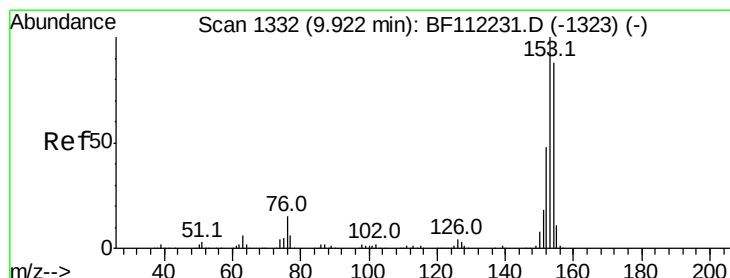
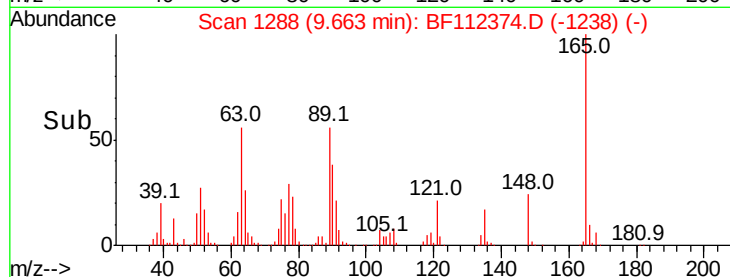
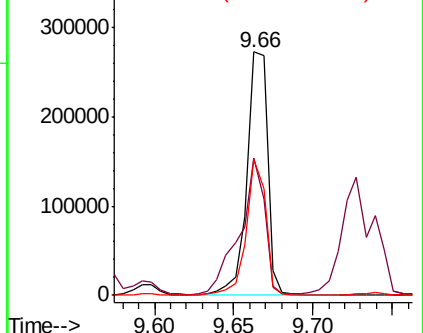
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 43.269 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

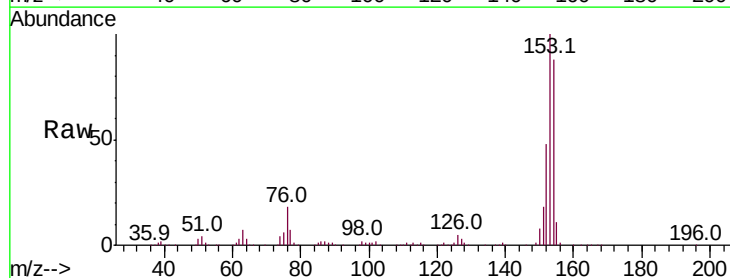
Tgt Ion:154 Resp: 838396

Ion Ratio Lower Upper

154 100

153 114.3 89.8 134.6

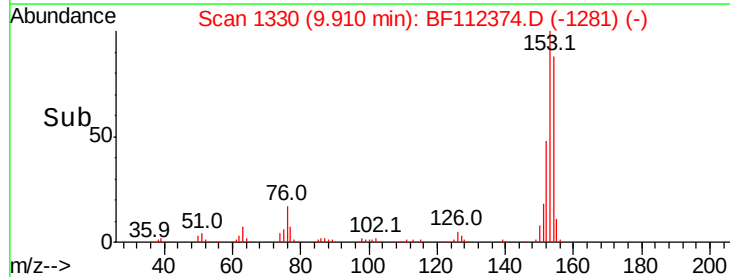
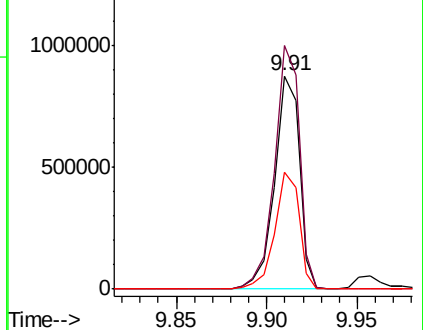
152 54.9 43.5 65.3

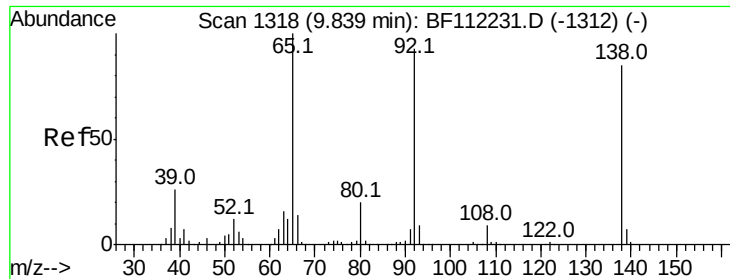


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





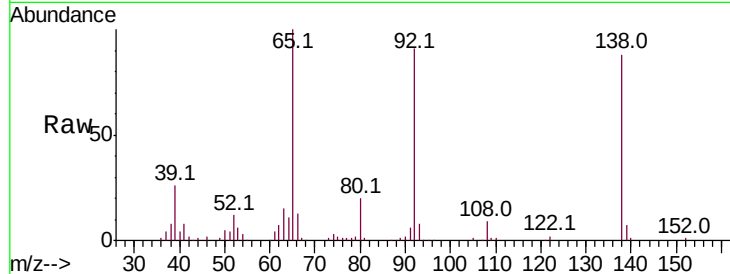
#53
 3-Nitroaniline
 Concen: 15.526 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF112374.D
 Acq: 4 Feb 2019 10:33

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	9.8	14.6#
92	103.4	79.4	119.2

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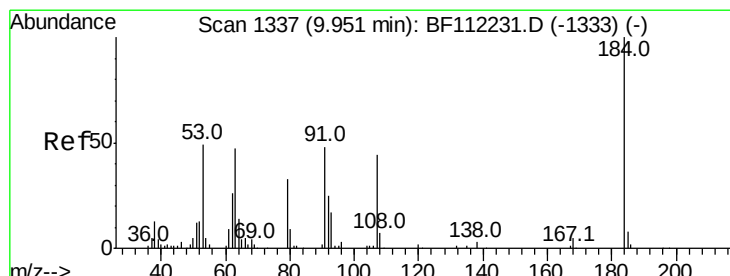
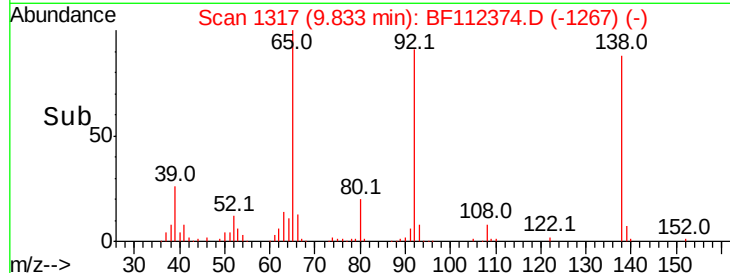
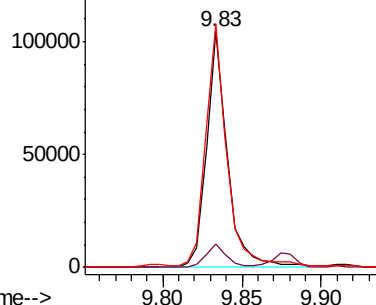


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
 2,4-Dinitrophenol
 Concen: 55.566 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.01 min
 Lab File: BF112374.D
 Acq: 4 Feb 2019 10:33

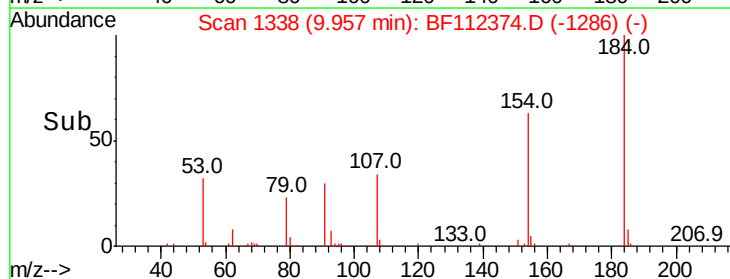
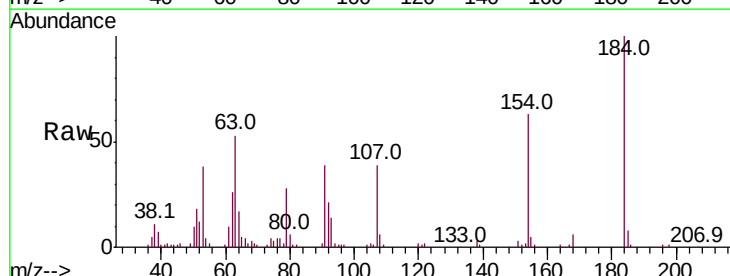
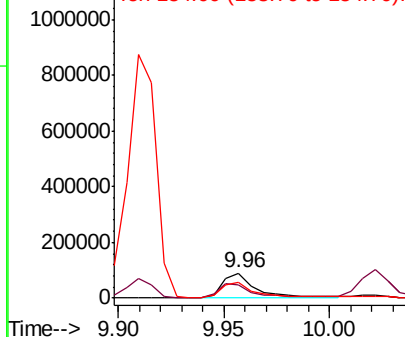
Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.0	47.1	70.7
154	62.7	48.9	73.3

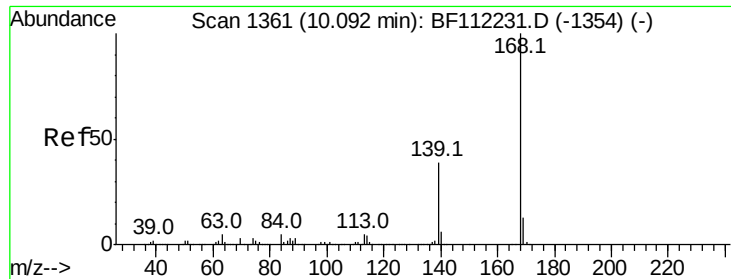
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





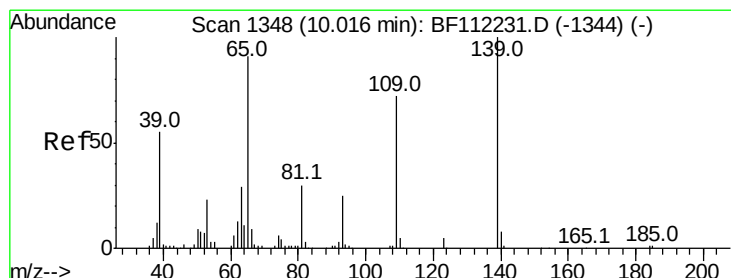
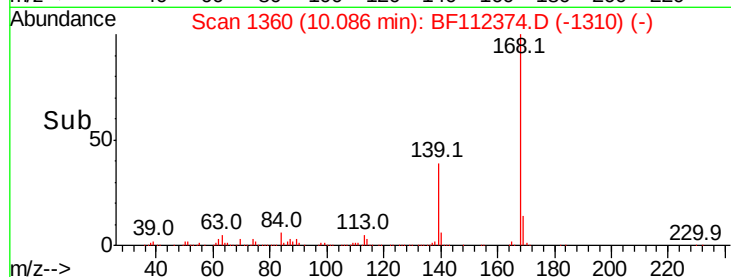
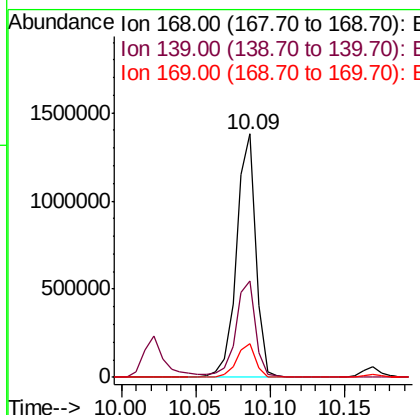
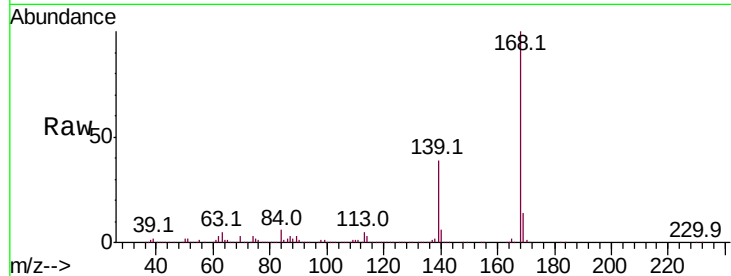
#55
Dibenzofuran
Concen: 42.381 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	29.2	43.8
169	13.6	11.4	17.0

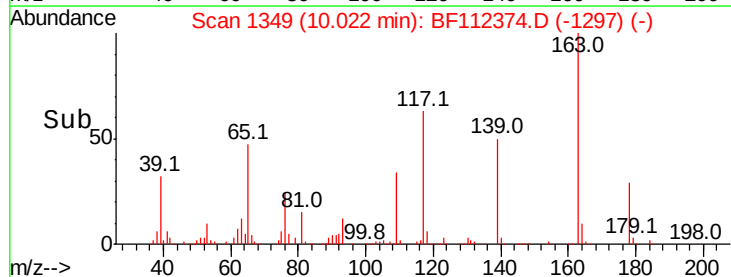
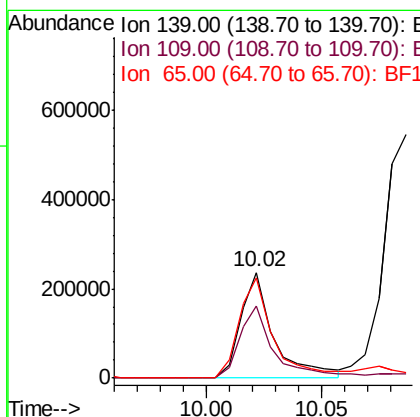
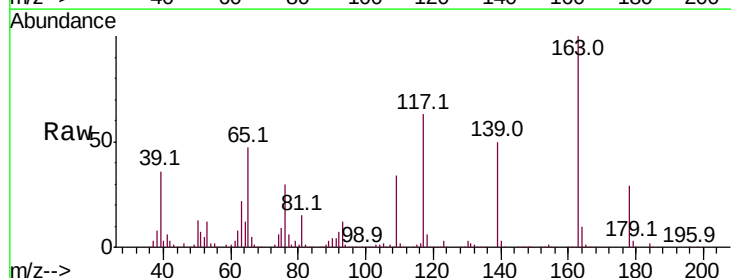
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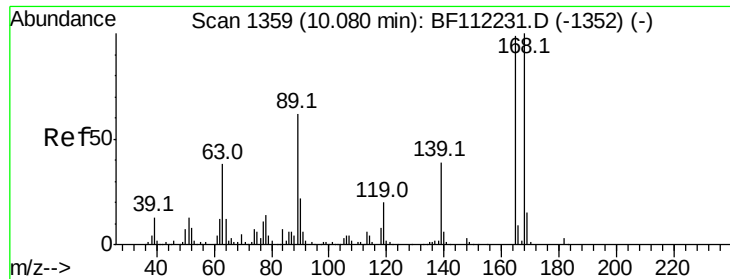
mohammad
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#56
4-Nitrophenol
Concen: 72.952 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.9	42.8	82.8
65	95.1	66.1	106.1





#57

2,4-Dinitrotoluene

Concen: 43.182 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

Tot Ion:165 Resp: 312256
Ion Ratio Lower Upper

165 100

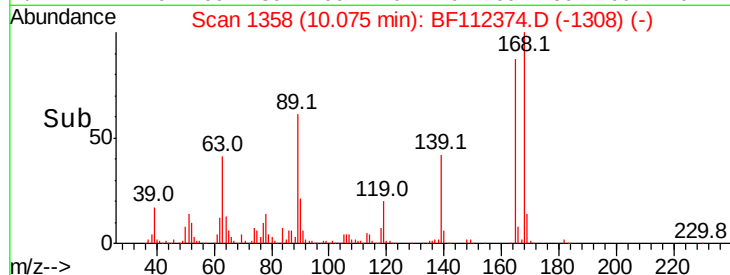
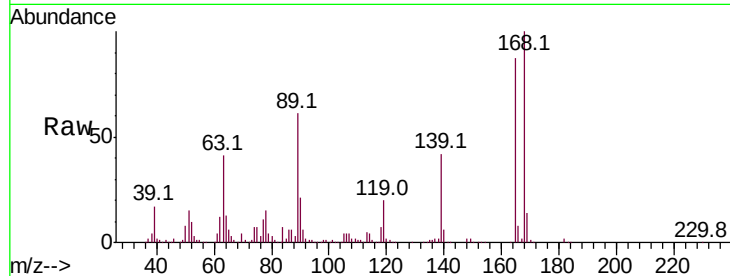
63 47.0 27.9 41.9#

89 70.3 47.9 71.9

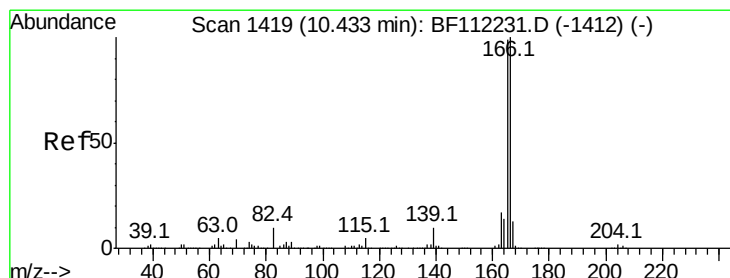
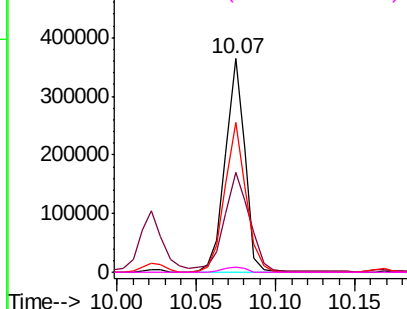
182 2.7 2.2 3.4

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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
Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 45.432 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF112374.D

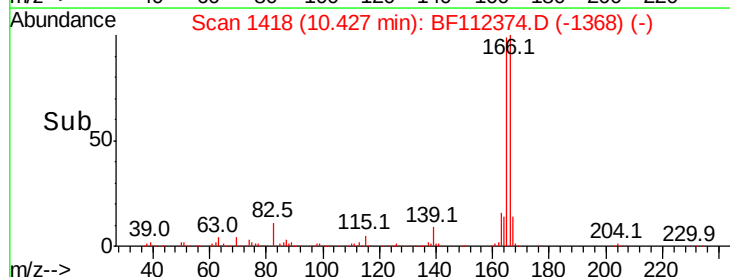
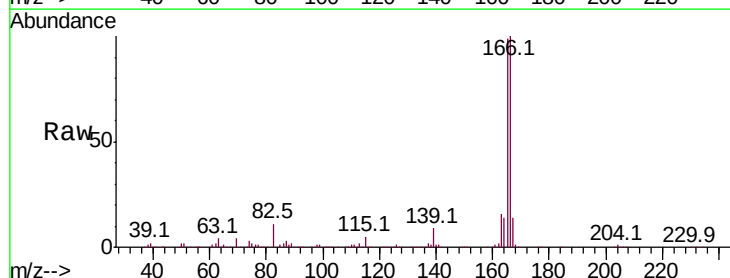
Acq: 4 Feb 2019 10:33

Tgt Ion:166 Resp: 1006687
Ion Ratio Lower Upper

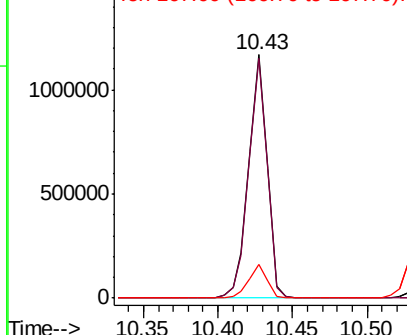
166 100

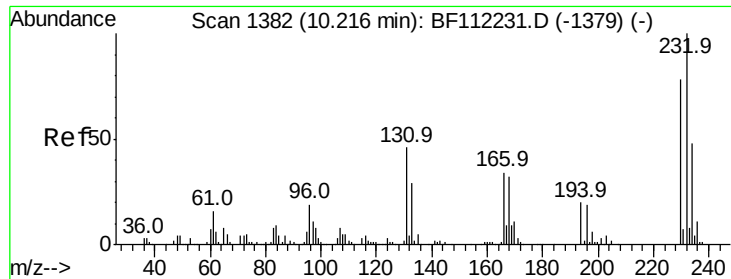
165 98.7 77.1 115.7

167 13.6 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





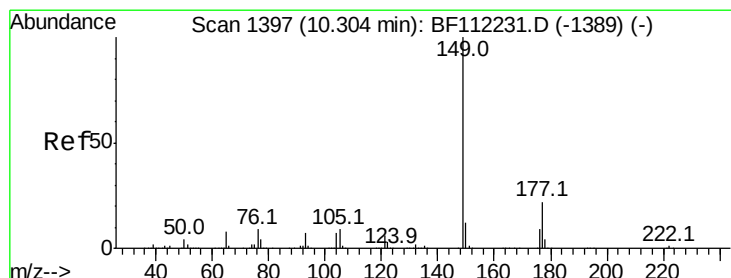
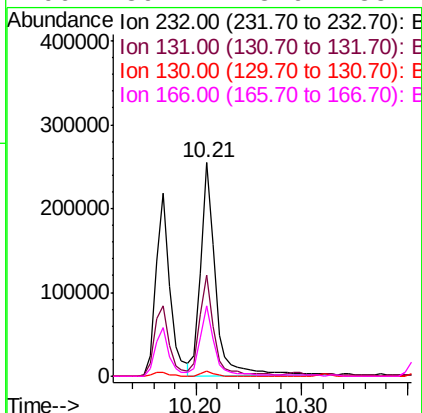
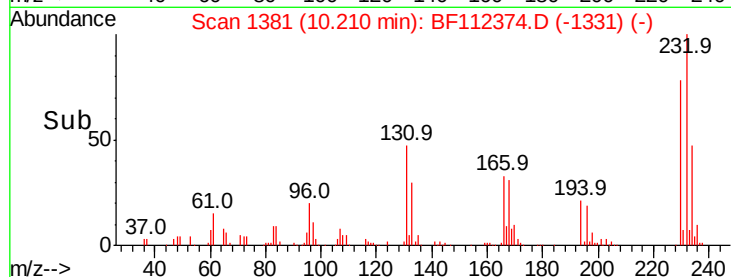
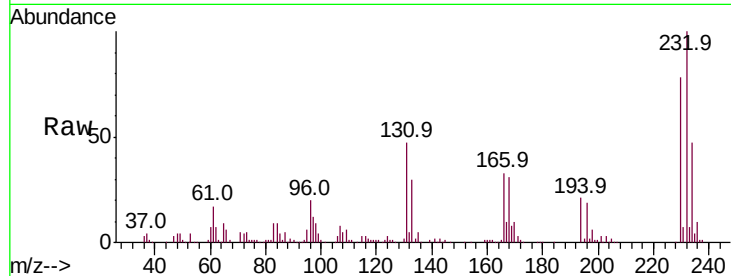
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.796 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	244177		
131	44.2		33.9	50.9
130	2.2		1.8	2.6
166	30.4		23.6	35.4

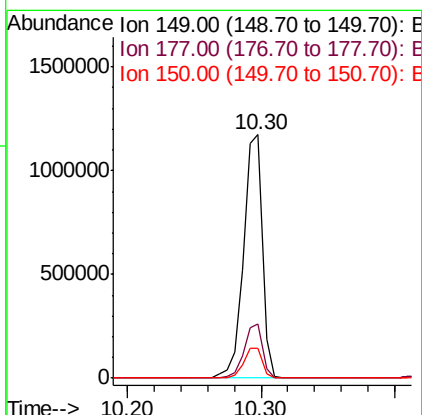
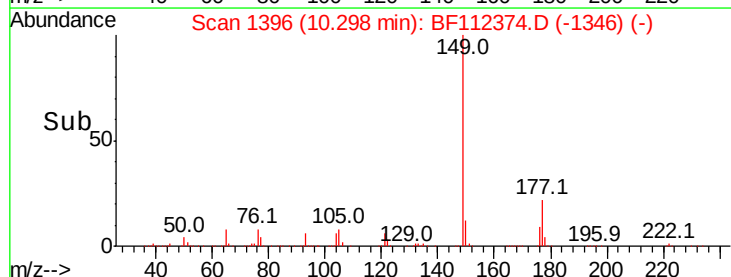
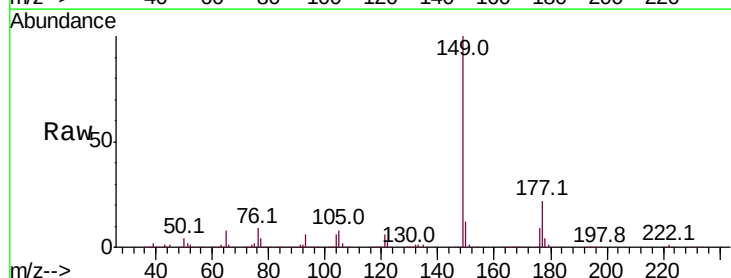
Manual Integrations
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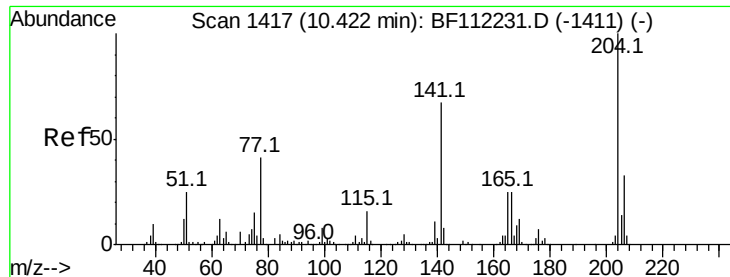
mohammad
2/5/2019 8:42:37 AM



#60
Diethylphthalate
Concen: 45.188 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1137332		
177	22.3		18.2	27.2
150	12.3		10.4	15.6





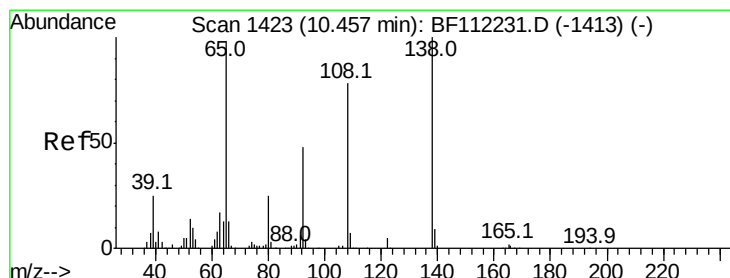
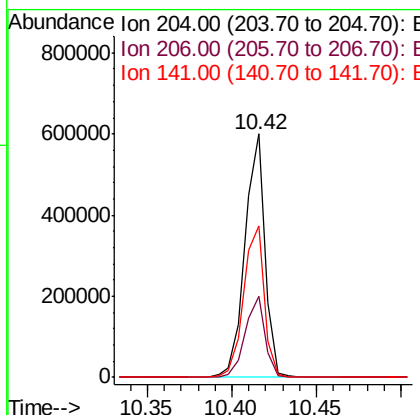
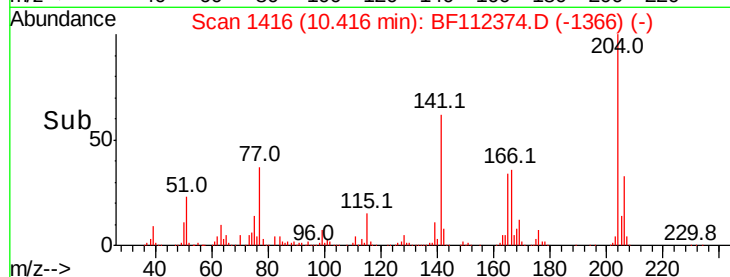
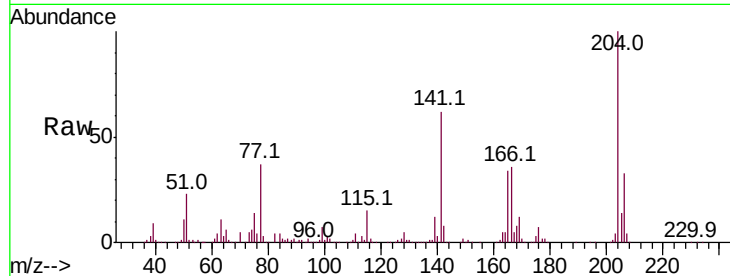
#61
4-Chlorophenyl-phenylether
Concen: 41.352 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	62.5	45.9	68.9

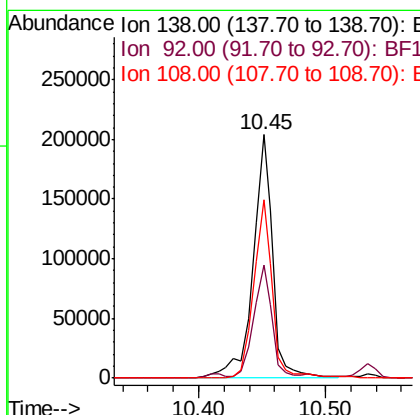
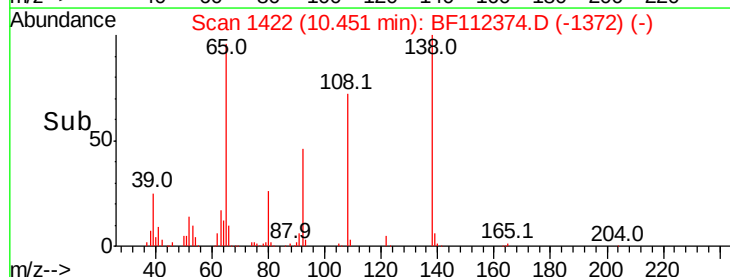
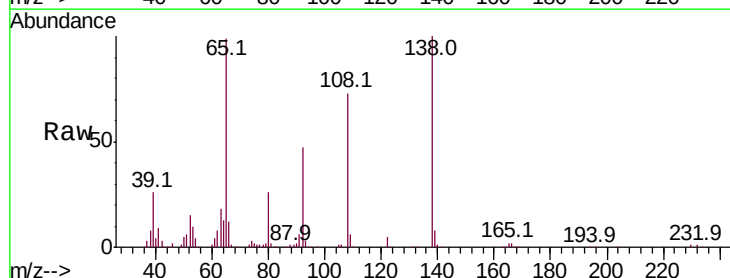
Manual Integrations
APPROVED

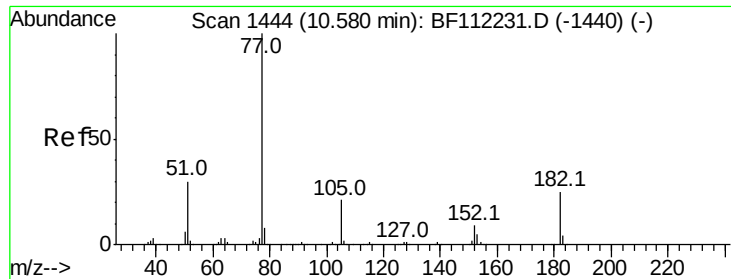
mohammad
2/5/2019 8:42:37 AM



#62
4-Nitroaniline
Concen: 36.819 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.7	30.6	70.6
108	73.3	50.0	90.0





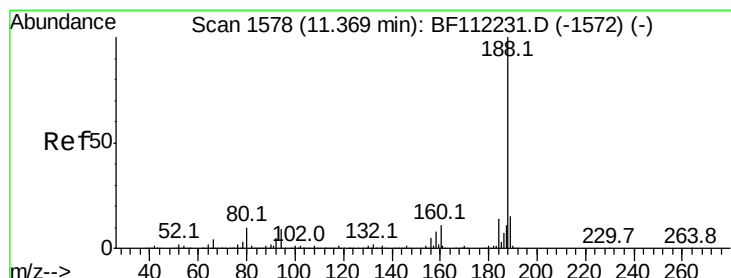
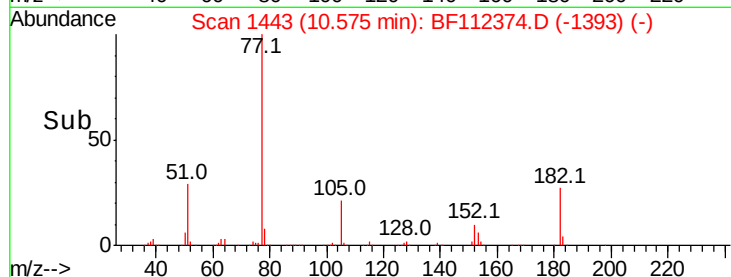
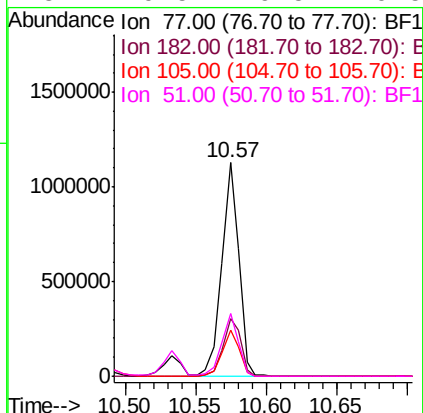
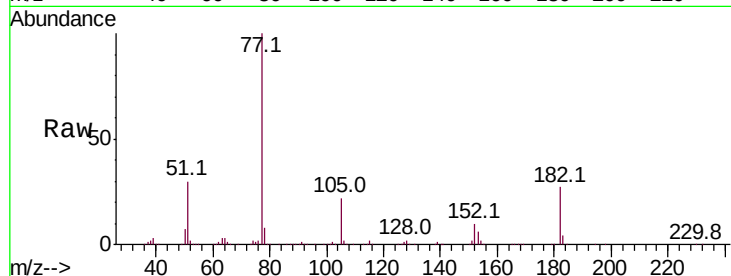
#63
Azobenzene
Concen: 42.799 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.9	5.7	45.7		
105	21.8	1.4	41.4		
51	29.5	9.5	49.5		

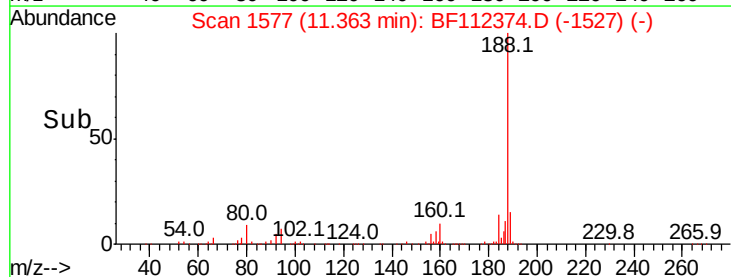
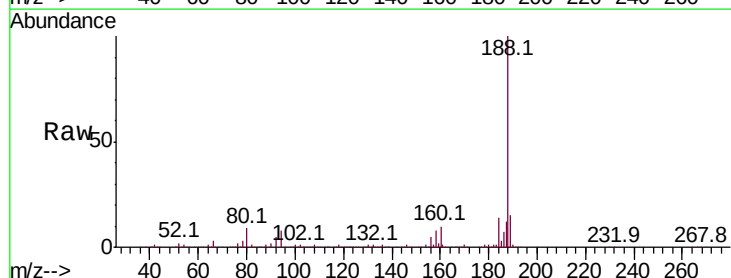
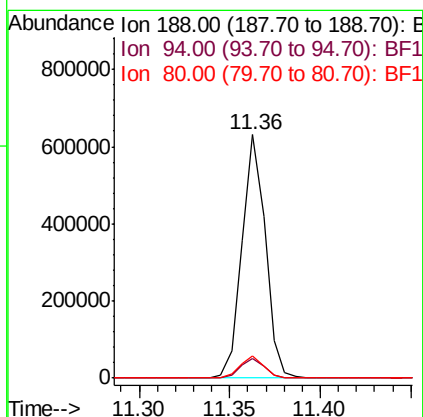
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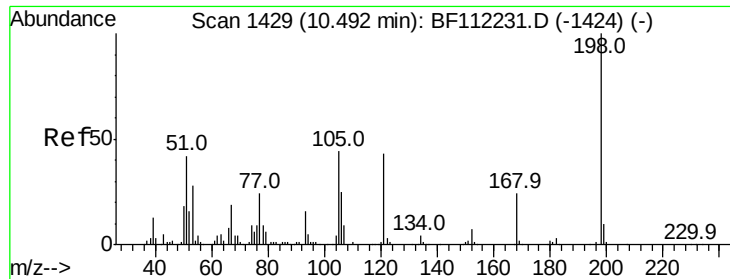
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.1	8.2	12.2#		
80	9.1	8.9	13.3		





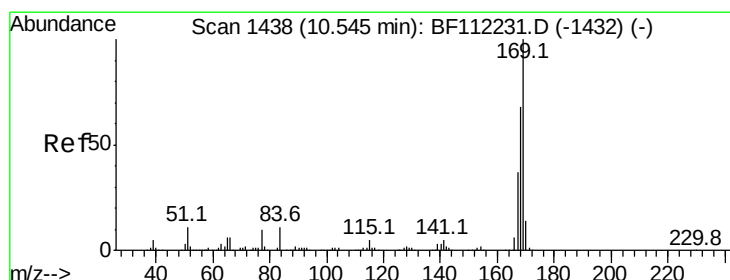
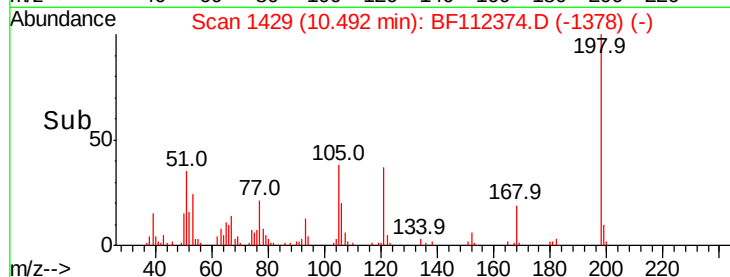
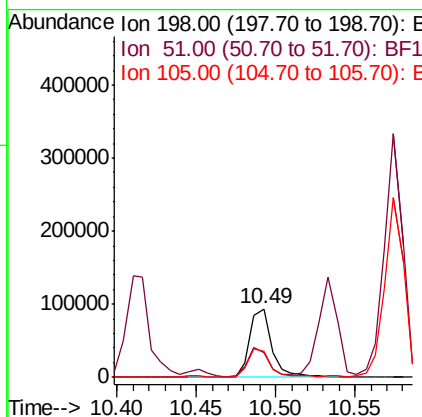
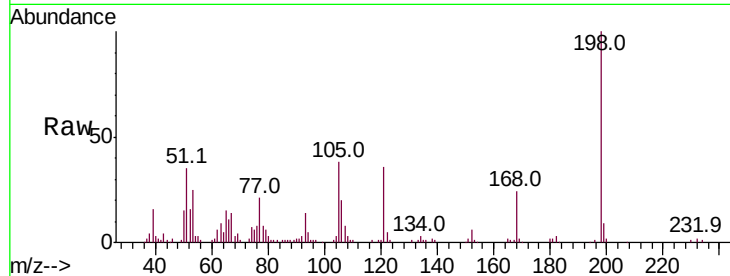
#65
 4,6-Dinitro-2-methylphenol
 Concen: 29.029 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF112374.D
 Acq: 4 Feb 2019 10:33

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100			
51	35.2	17.2	57.2	
105	37.9	21.9	61.9	

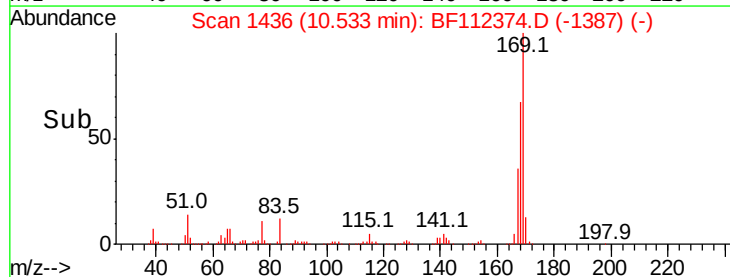
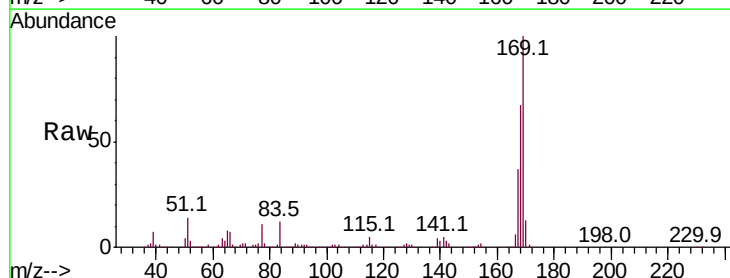
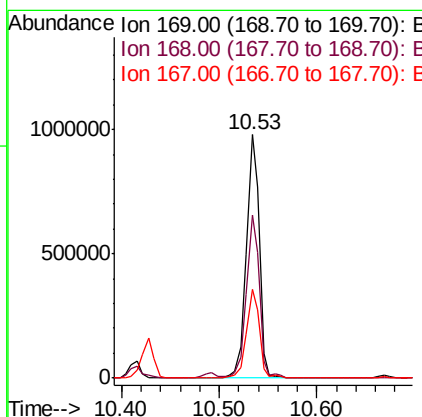
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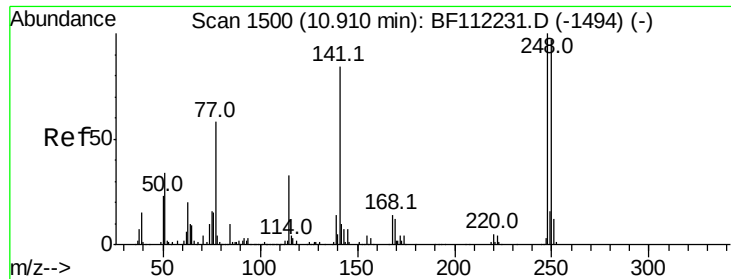
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 47.177 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF112374.D
 Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.9	53.9	80.9	
167	36.5	28.9	43.3	





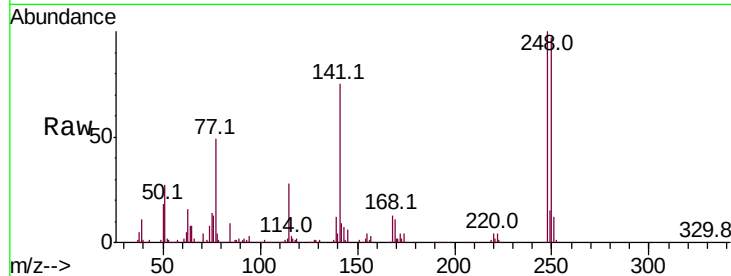
#67
4-Bromophenyl-phenylether
Concen: 45.675 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	79.7	119.5
141	75.2	60.3	90.5

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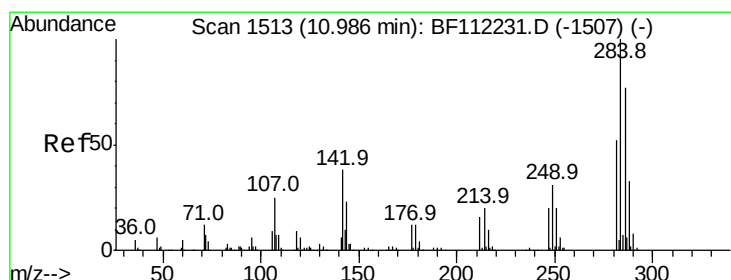
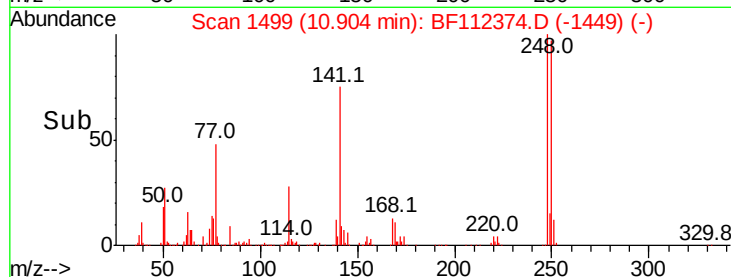
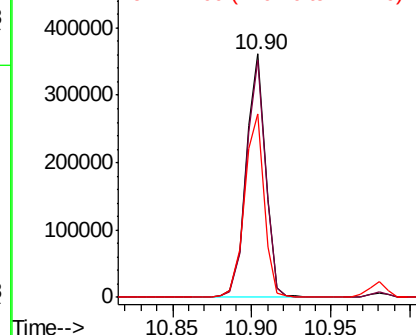


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.836 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

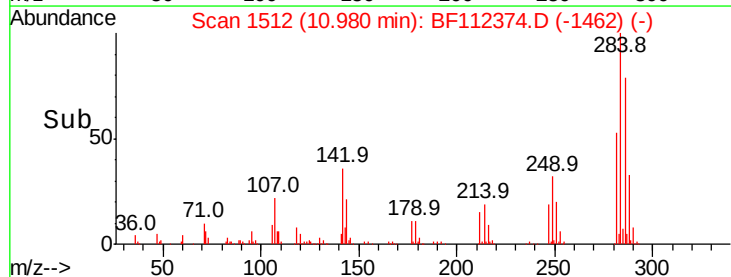
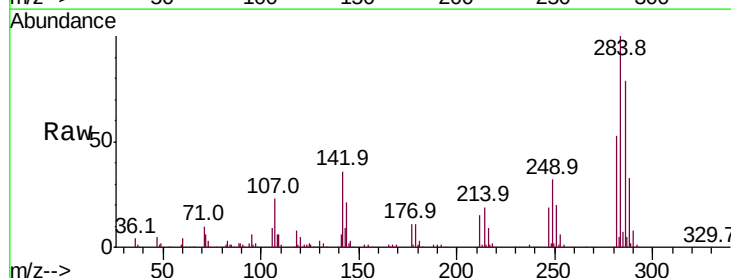
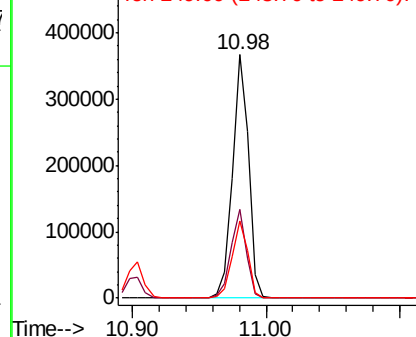
Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.4	27.6	41.4
249	31.5	24.1	36.1

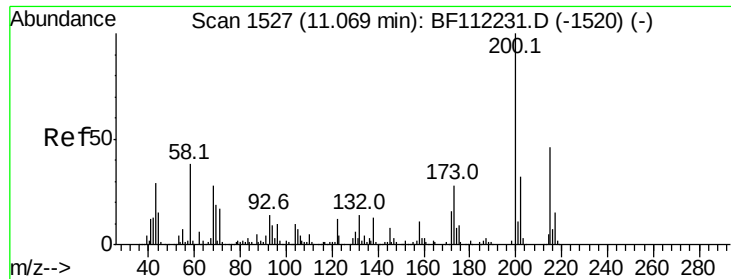
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





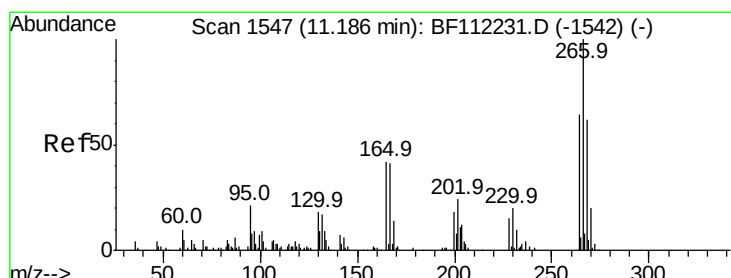
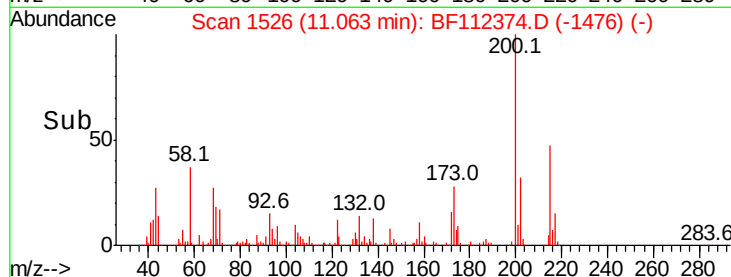
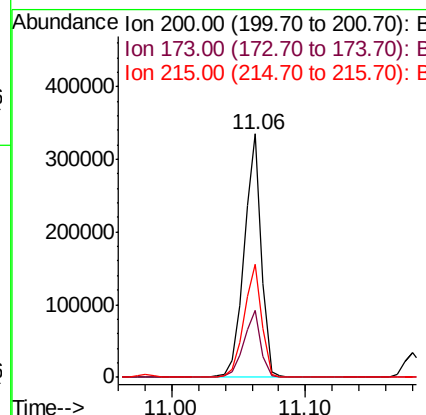
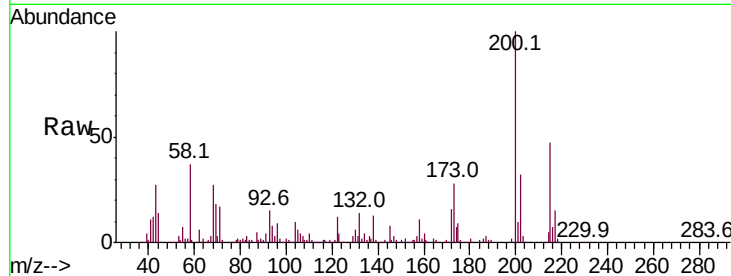
#69
Atrazine
Concen: 48.310 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.7	7.1	47.1
215	46.5	30.4	70.4

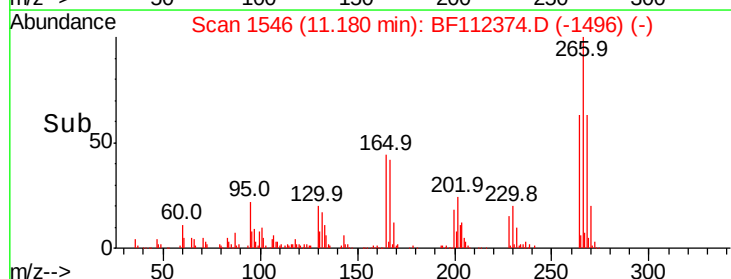
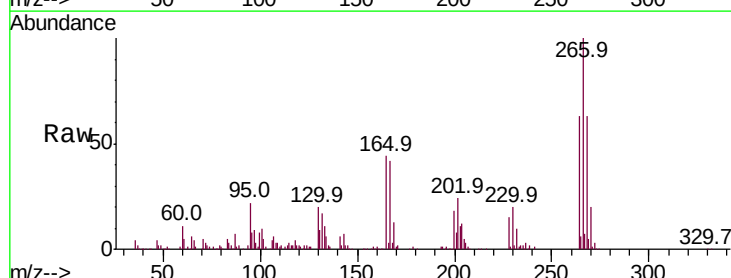
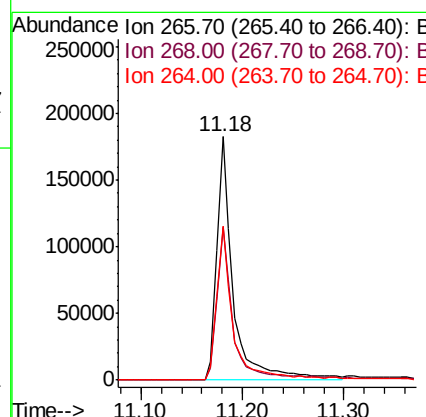
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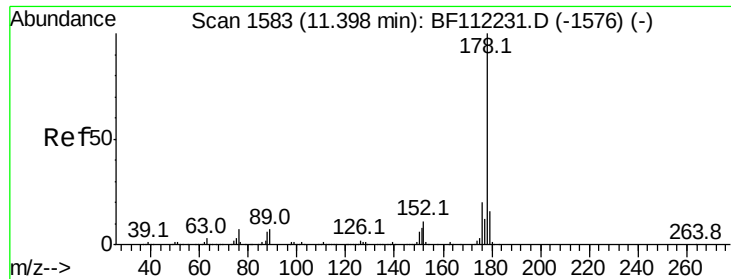
mohammad
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#70
Pentachlorophenol
Concen: 74.049 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.7	51.2	76.8
264	63.4	50.9	76.3





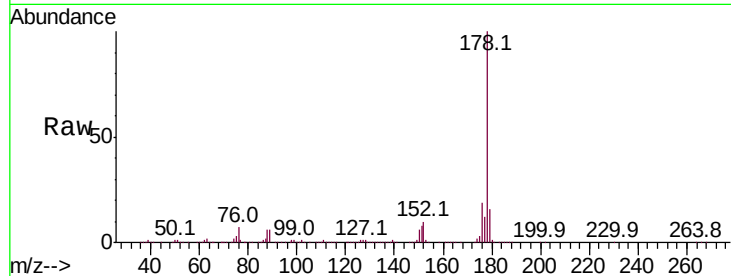
#71
Phenanthrene
Concen: 45.079 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

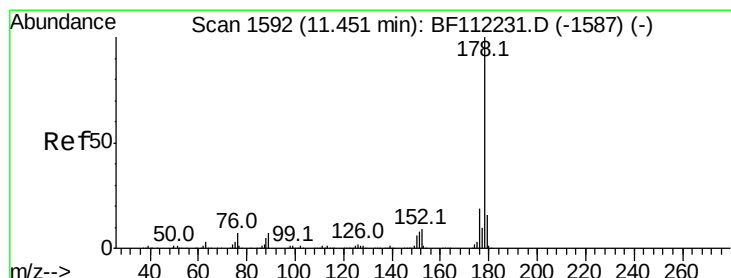
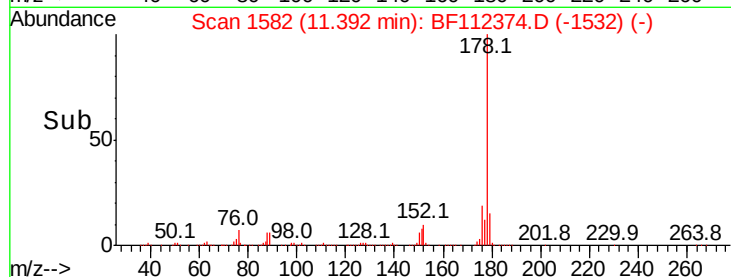
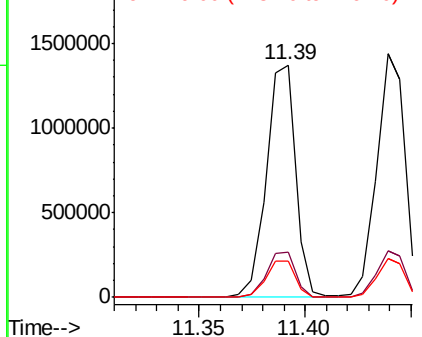
Tot Ion:178 Resp: 1328953
Ion Ratio Lower Upper
178 100
176 19.4 16.3 24.5
179 15.5 13.0 19.4

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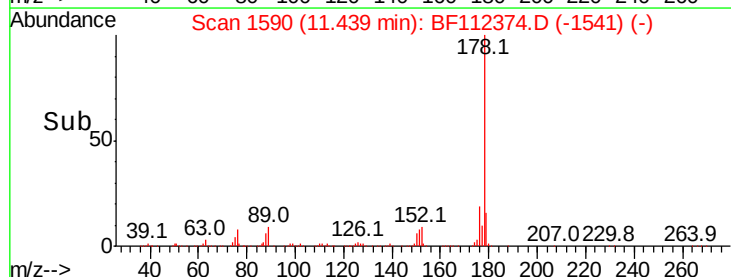
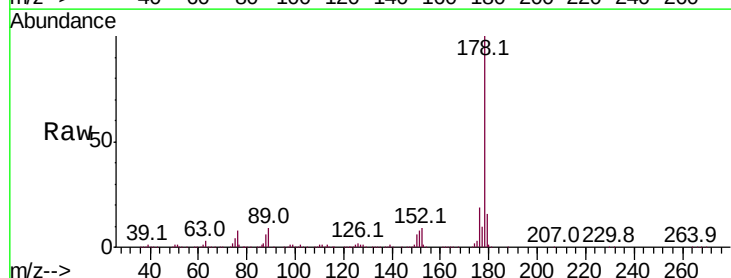
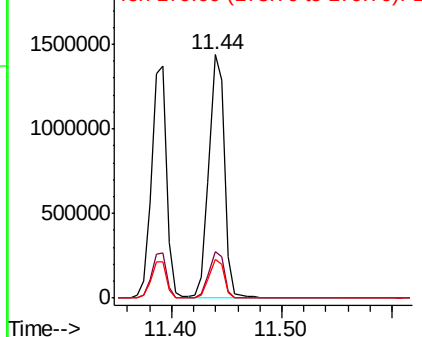
Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

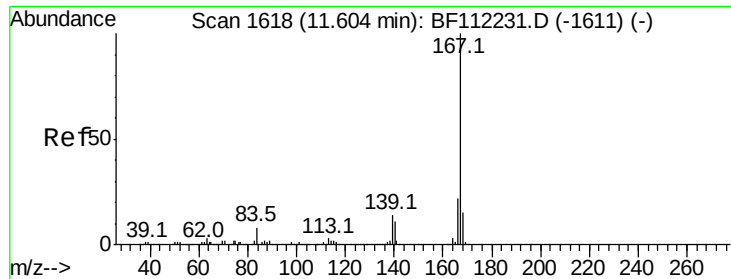


#72
Anthracene
Concen: 46.472 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion:178 Resp: 1364716
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 15.9 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





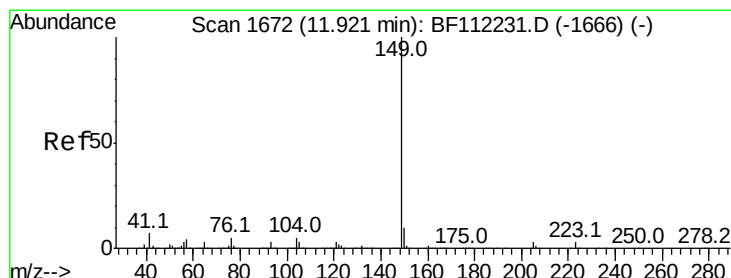
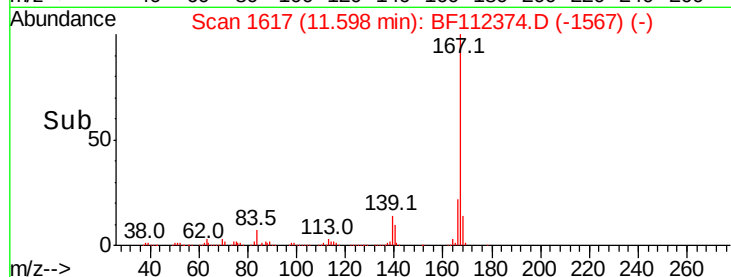
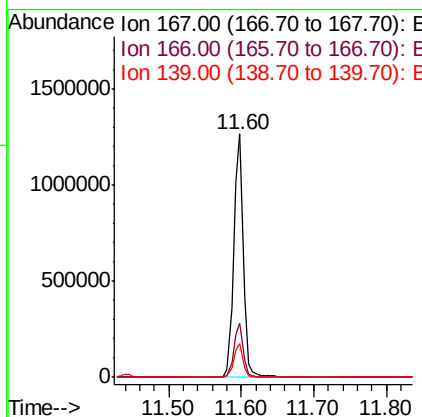
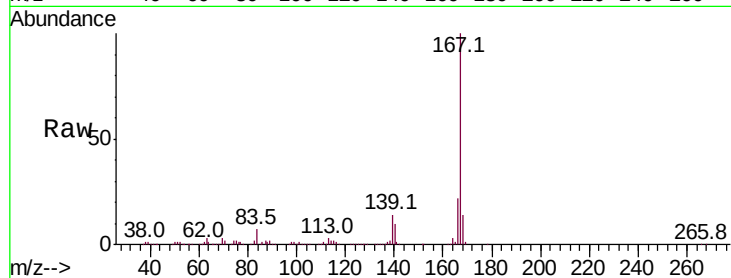
#73
 Carbazole
 Concen: 39.935 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF112374.D
 Acq: 4 Feb 2019 10:33

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.9	26.9
139	13.7	10.2	15.2

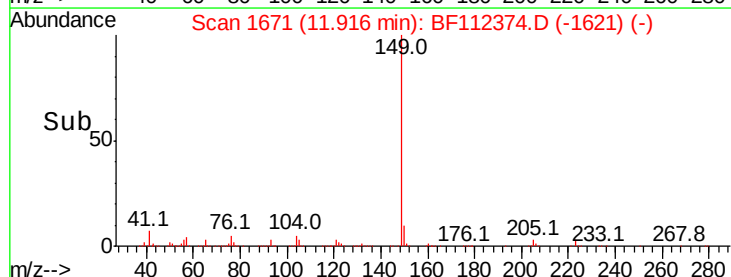
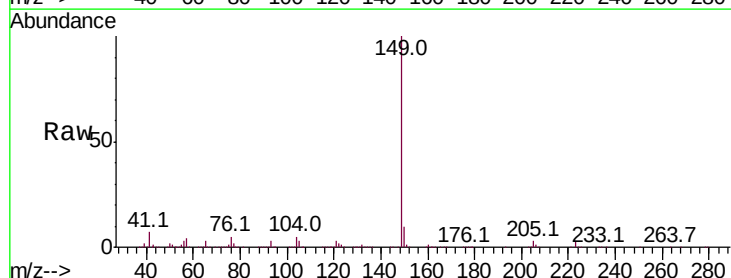
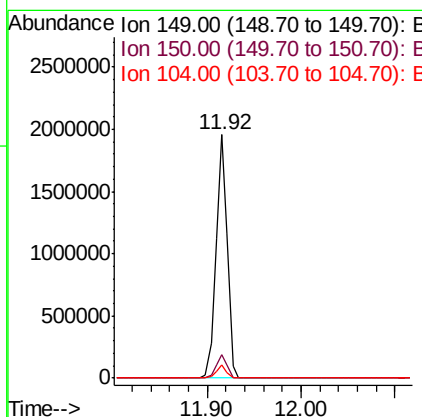
Manual Integrations
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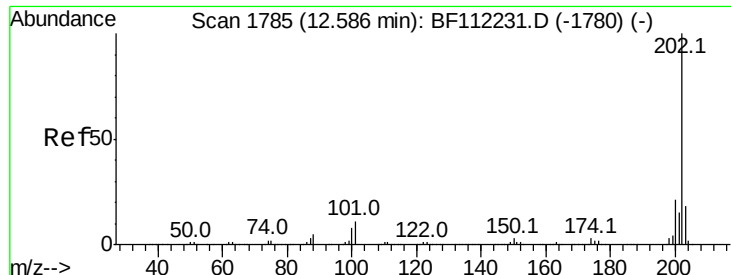
mohammad
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#74
 Di-n-butylphthalate
 Concen: 45.956 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF112374.D
 Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	5.2	3.9	5.9





#75

Fluoranthene

Concen: 38.891 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

BNA_F

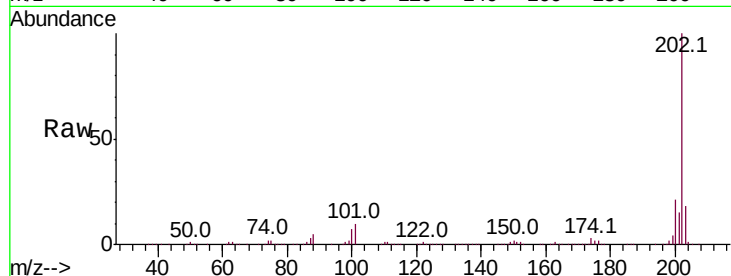
ClientSampleId :

PB116745BSD

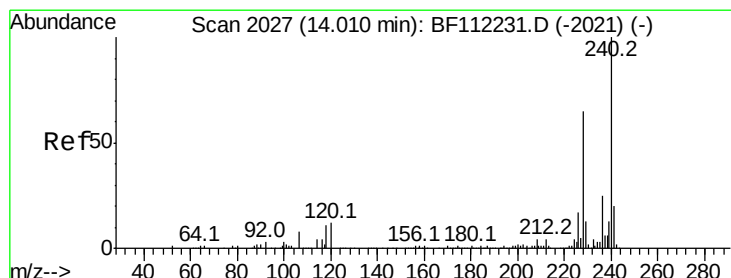
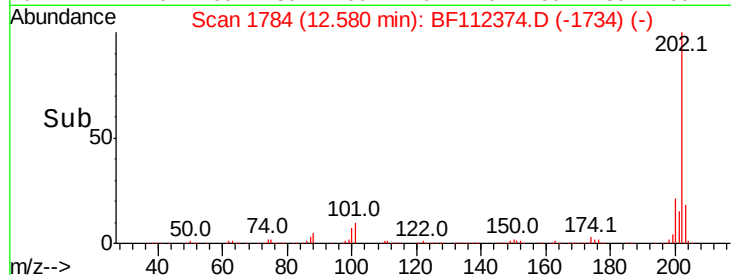
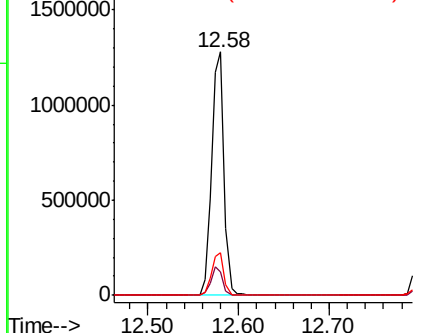
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	31.8
203	17.6	0.0	38.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

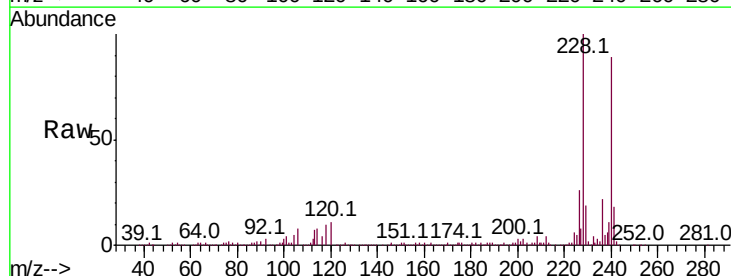
RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

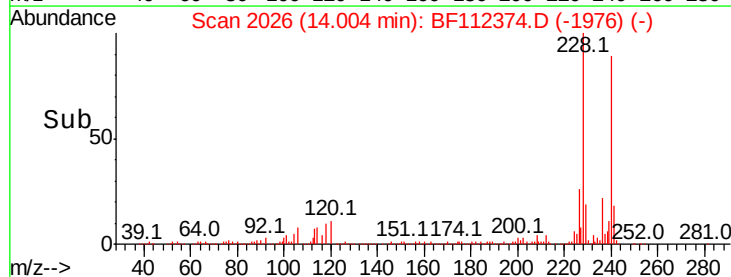
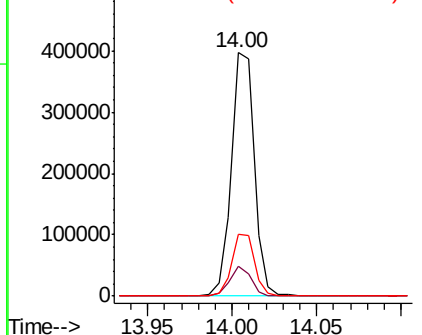
Lab File: BF112374.D

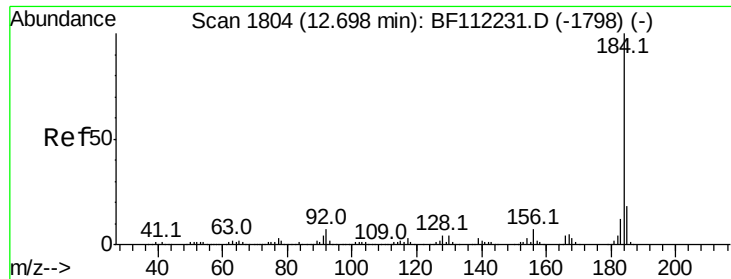
Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.0	13.6
236	25.3	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.792 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

BNA_F

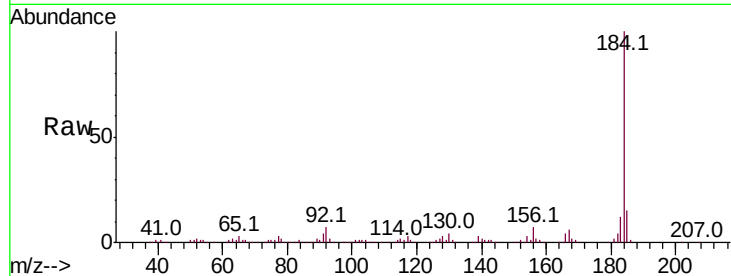
ClientSampleId :

PB116745BSD

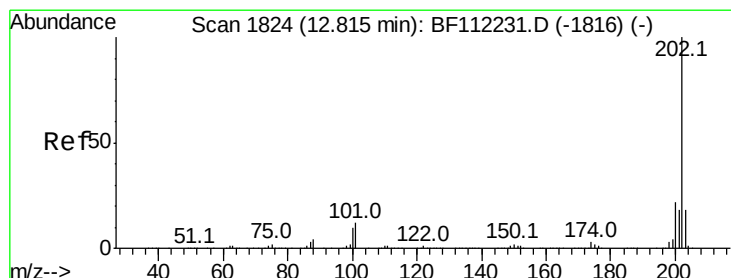
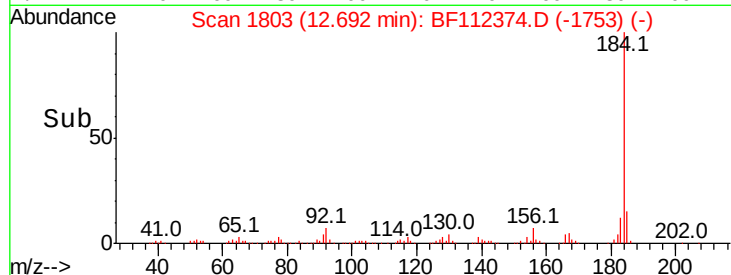
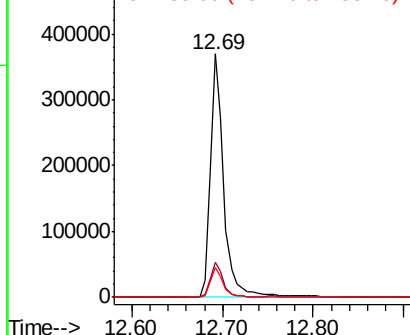
Tot Ion:	184	Resp:	388520
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.9	20.9
183	12.3	10.0	15.0

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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: 46.667 ng

RT: 12.81 min Scan# 1823

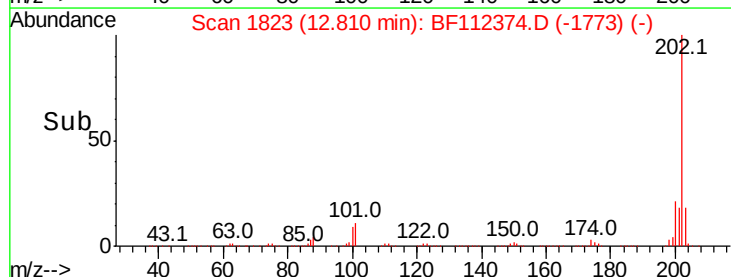
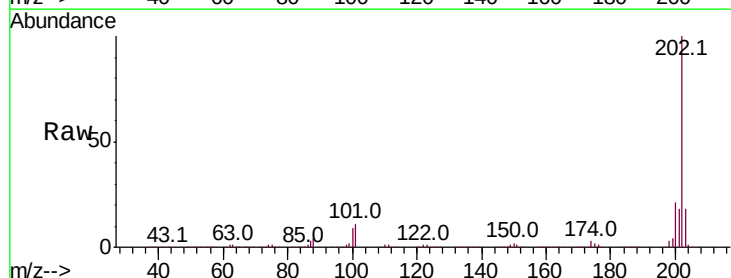
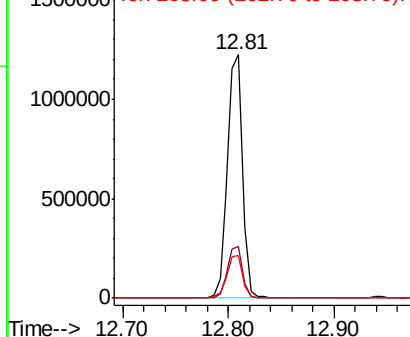
Delta R.T. -0.01 min

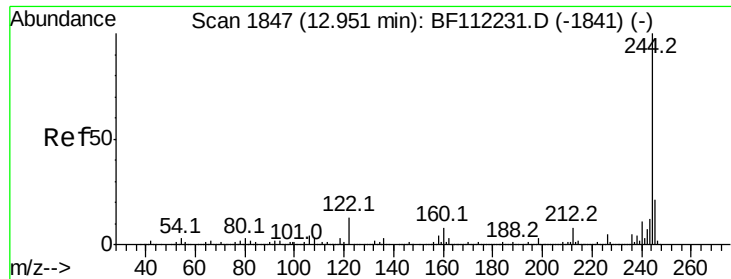
Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Tgt Ion:	202	Resp:	1206843
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.7	26.5
203	17.5	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: 77.253 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

Tot Ion:244 Resp: 1532061

Ion Ratio Lower Upper

244 100

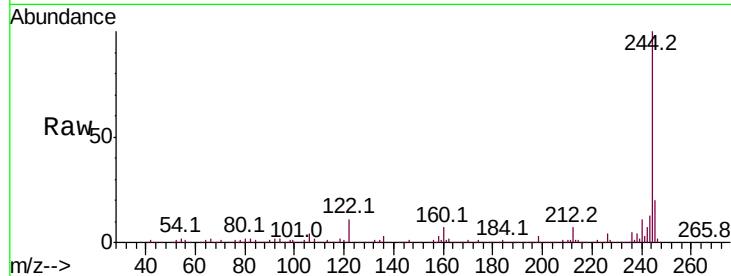
212 7.1 5.9 8.9

122 10.6 9.8 14.6

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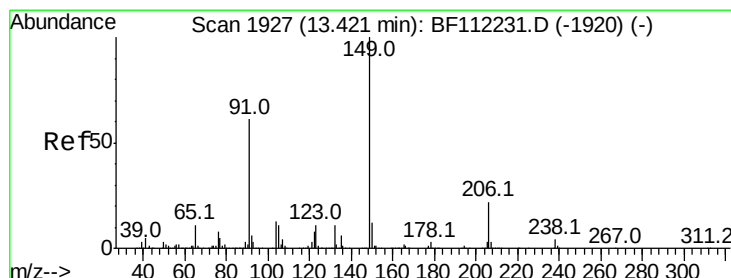
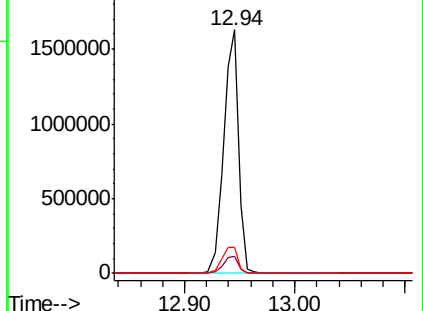
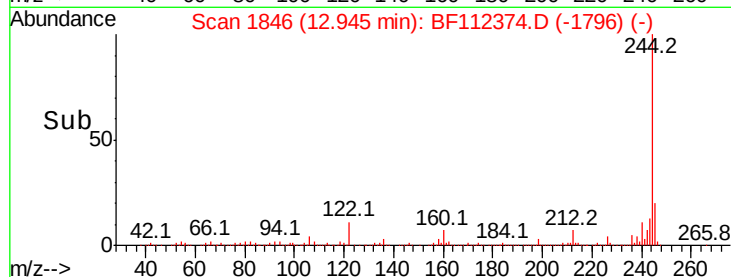
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.495 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

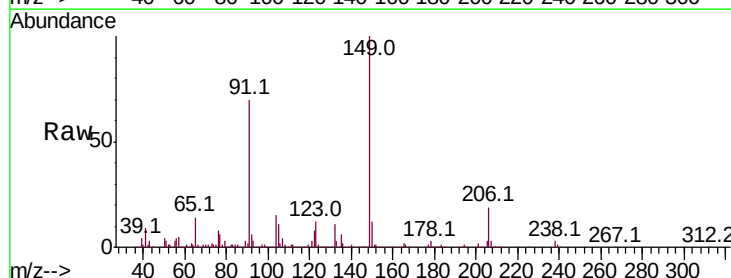
Tgt Ion:149 Resp: 581730

Ion Ratio Lower Upper

149 100

91 69.6 50.3 75.5

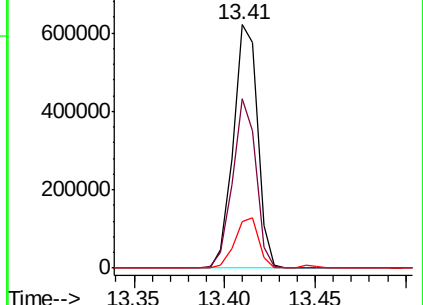
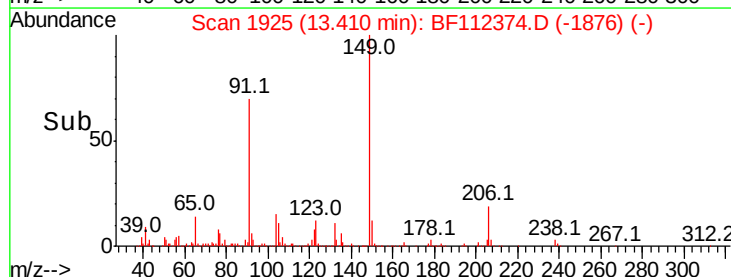
206 19.1 18.2 27.4

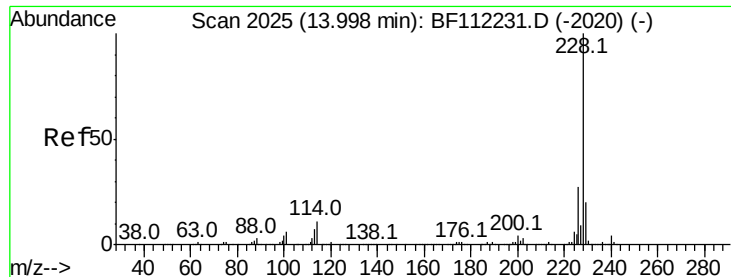


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





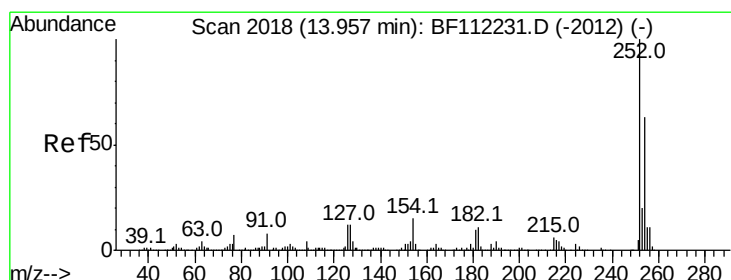
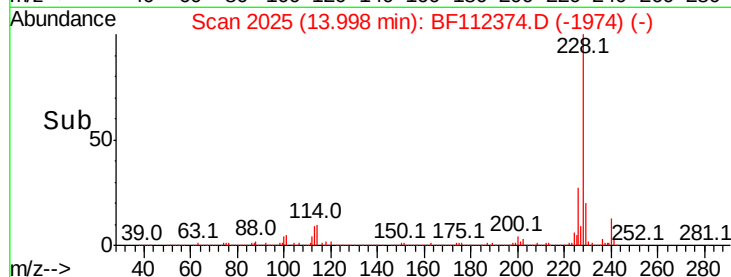
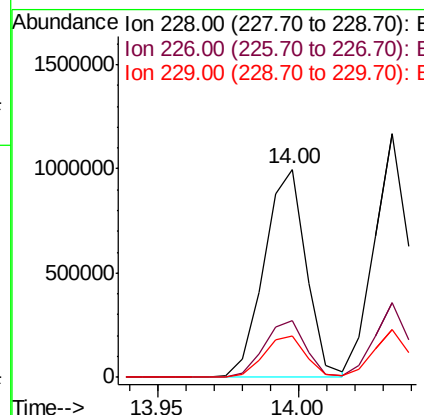
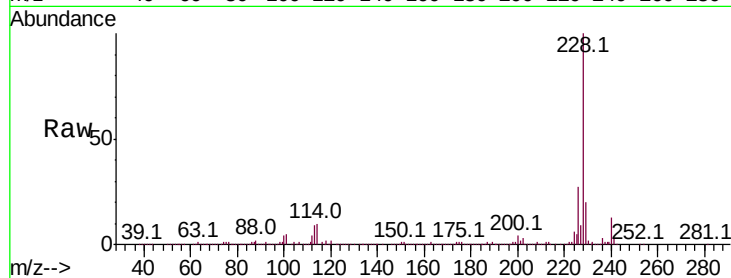
#81
Benzo(a)anthracene
Concen: 46.870 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	34.0
229	19.8	16.5	24.7

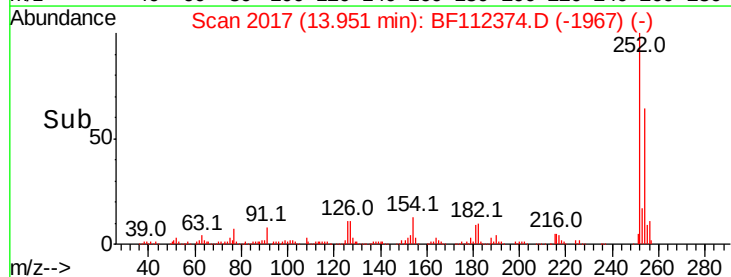
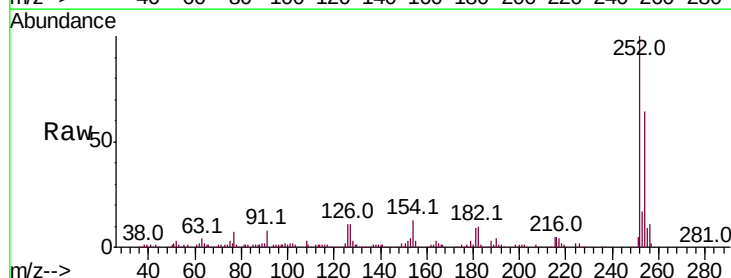
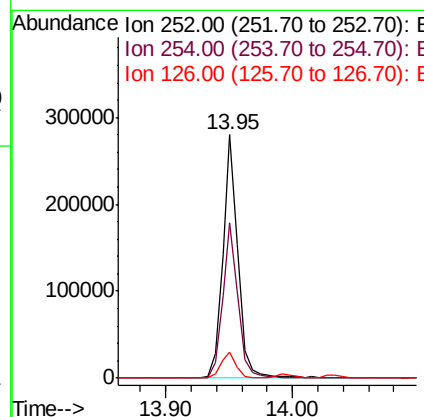
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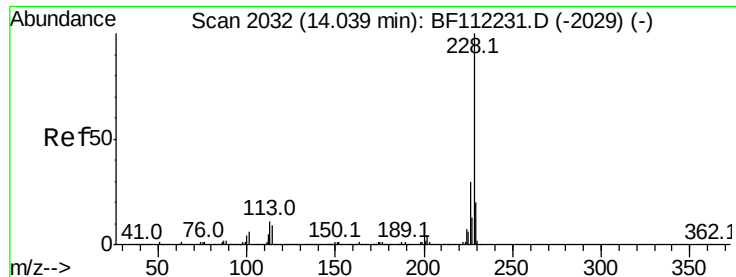
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#82
3,3'-Dichlorobenzidine
Concen: 28.594 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.6	77.4
126	10.6	8.6	12.8





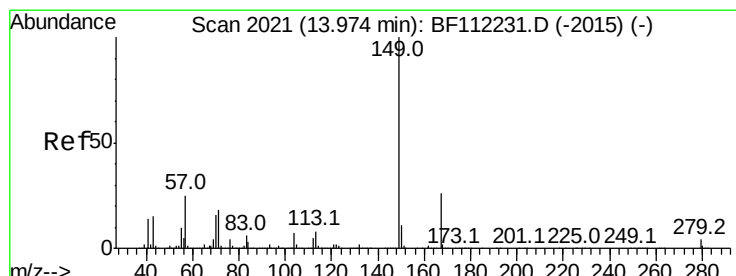
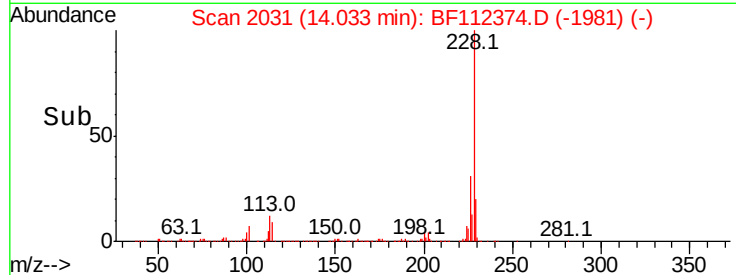
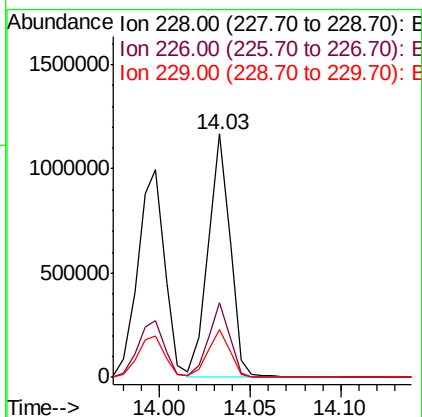
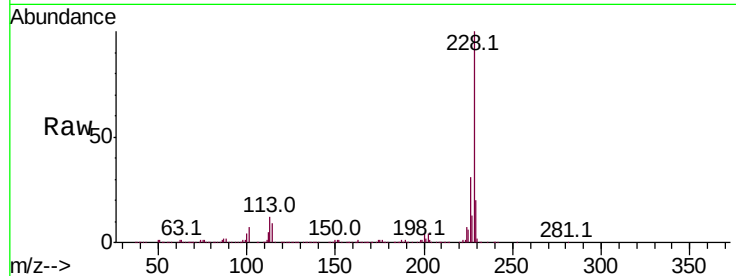
#83
Chrysene
Concen: 46.690 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.6	25.0	37.6	
229	19.7	16.6	24.8	

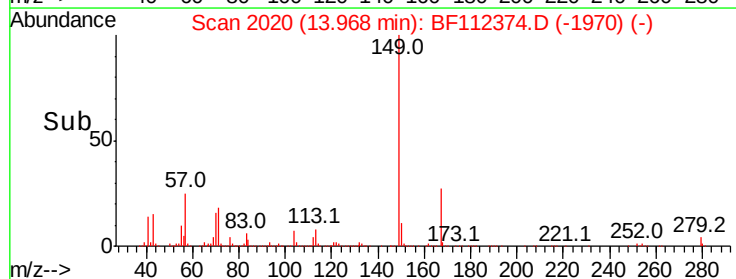
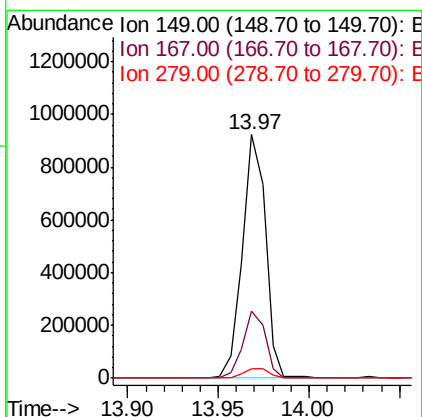
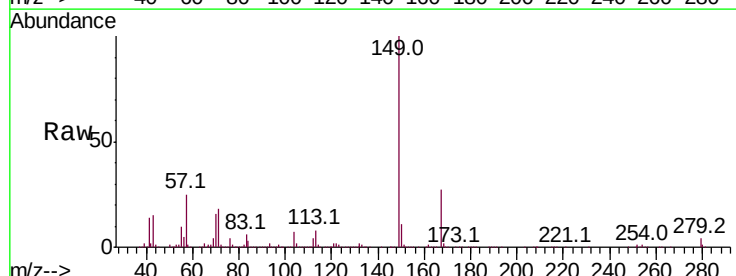
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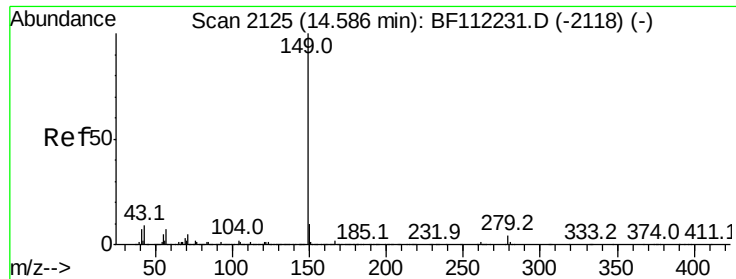
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#84
Bis(2-ethylhexyl)phthalate
Concen: 46.094 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.3	22.5	33.7	
279	3.8	3.8	5.6	





#85

Di-n-octyl phthalate

Concen: 45.595 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

BNA_F

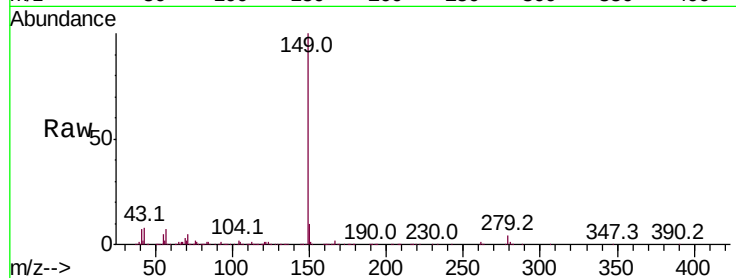
ClientSampleId :

PB116745BSD

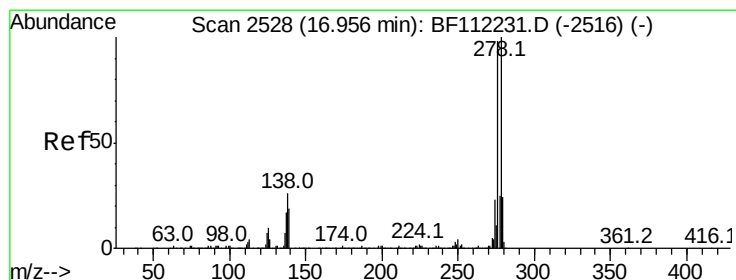
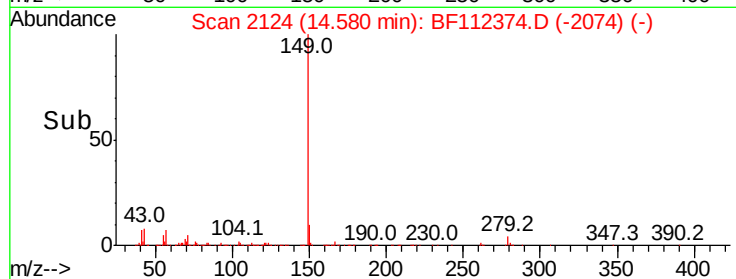
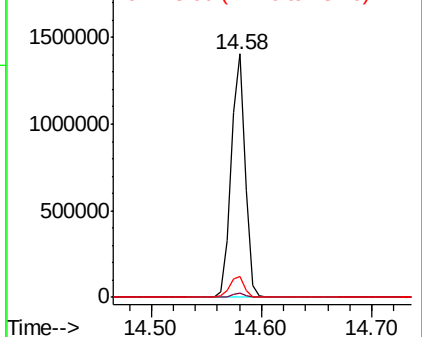
Tot Ion:	149	Resp:	1245886
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.7	7.8	11.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 56.634 ng

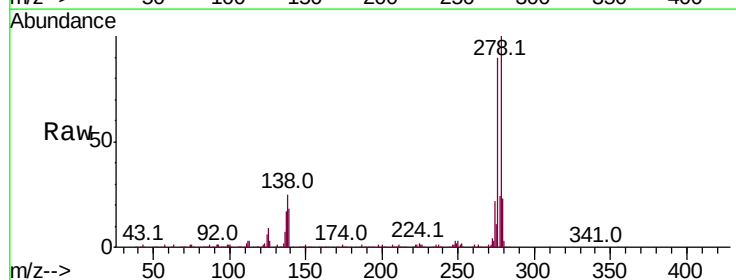
RT: 16.96 min Scan# 2529

Delta R.T. 0.01 min

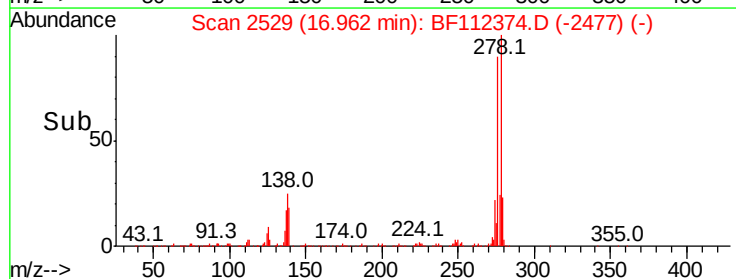
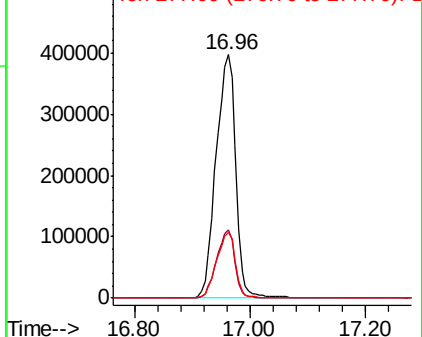
Lab File: BF112374.D

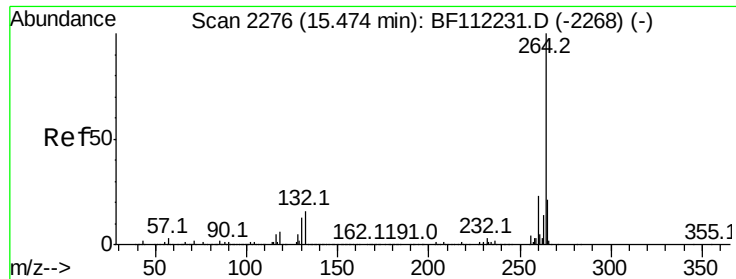
Acq: 4 Feb 2019 10:33

Tgt Ion:	276	Resp:	940580
Ion	Ratio	Lower	Upper
276	100		
138	26.2	22.6	34.0
277	25.8	20.3	30.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





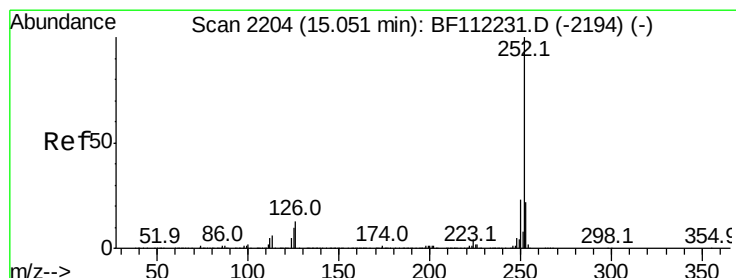
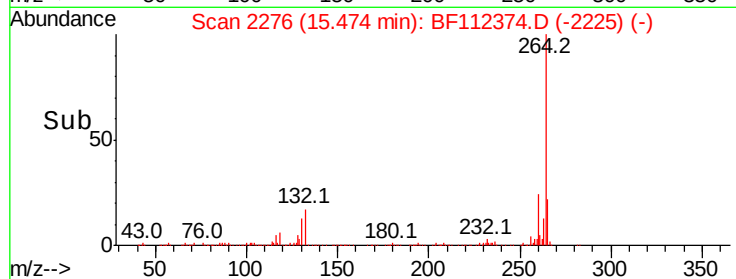
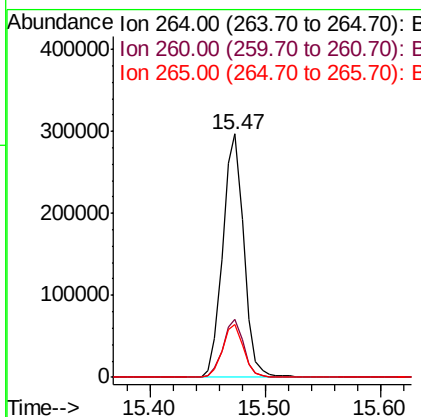
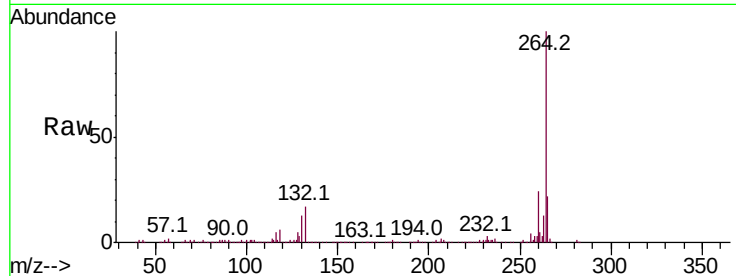
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.2
265	21.8	17.0	25.4

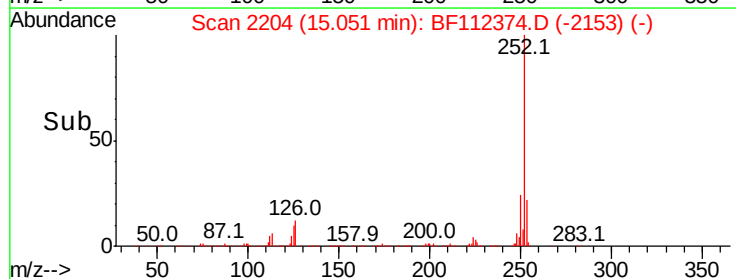
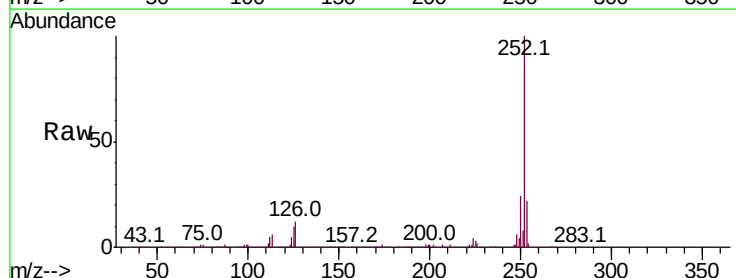
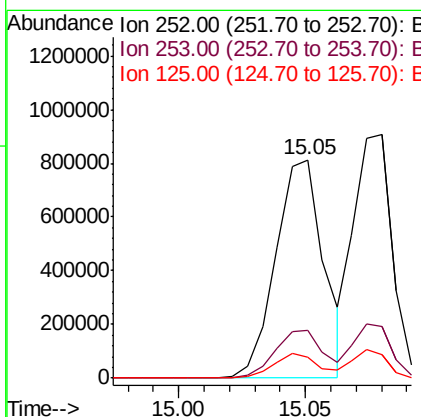
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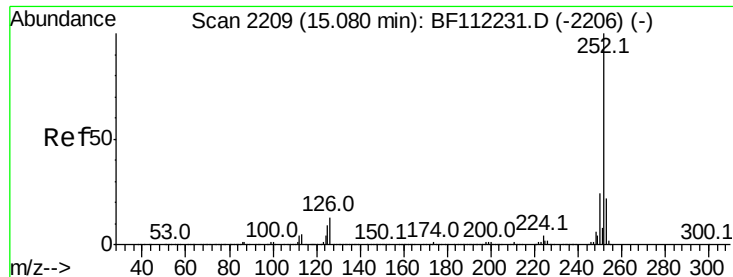
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#88
Benzo(b)fluoranthene
Concen: 47.408 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	9.6	8.7	13.1





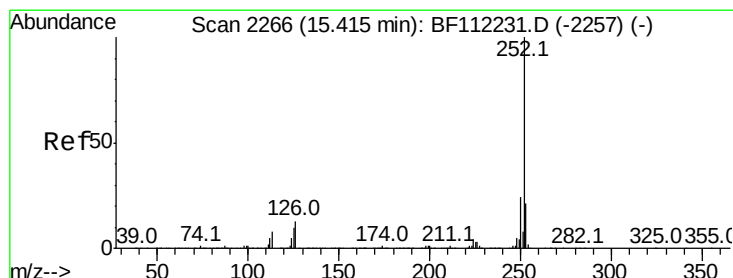
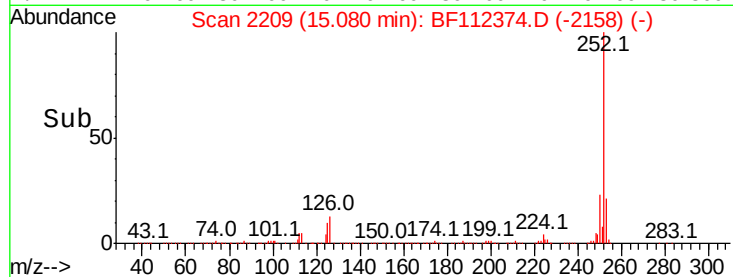
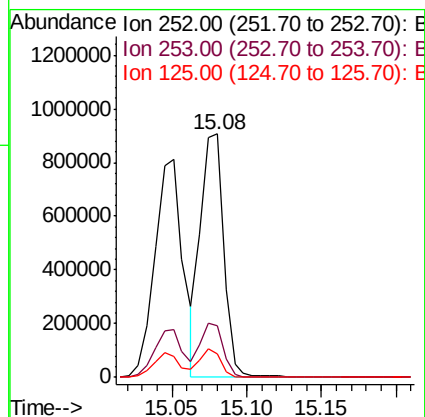
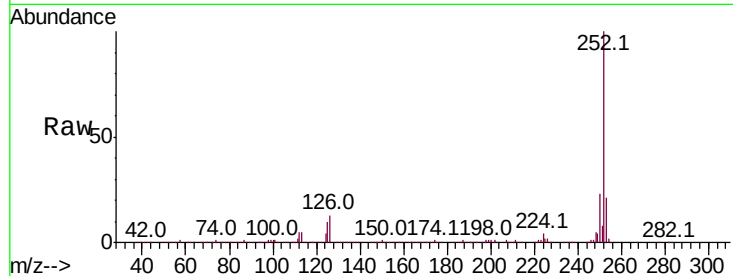
#89
Benzo(k)fluoranthene
Concen: 45.027 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	9.5	9.1	13.7

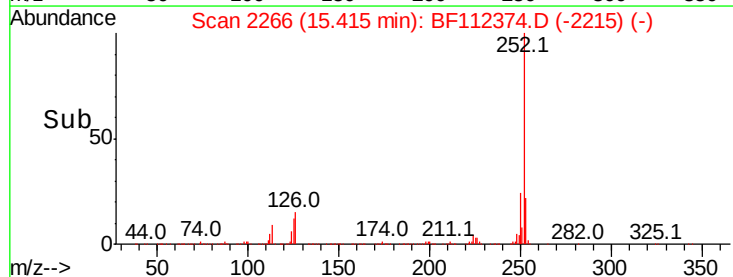
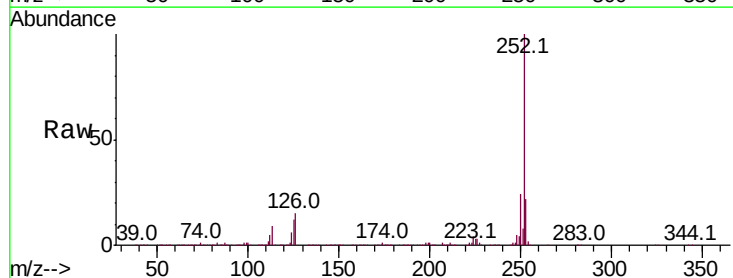
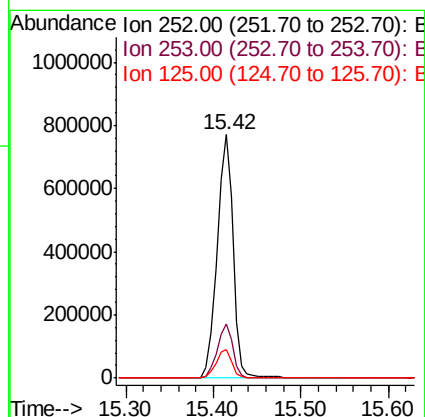
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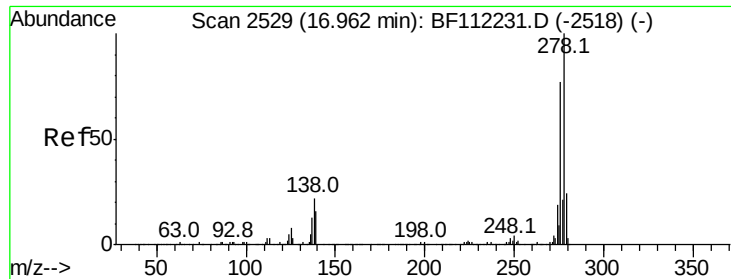
mohammad
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#90
Benzo(a)pyrene
Concen: 48.179 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	11.6	9.0	13.4





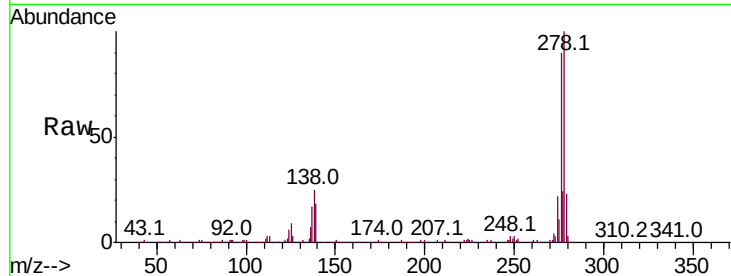
#91
Dibenzo(a,h)anthracene
Concen: 49.561 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.00 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.7	20.5
279	23.4	19.0	28.6

Manual Integrations
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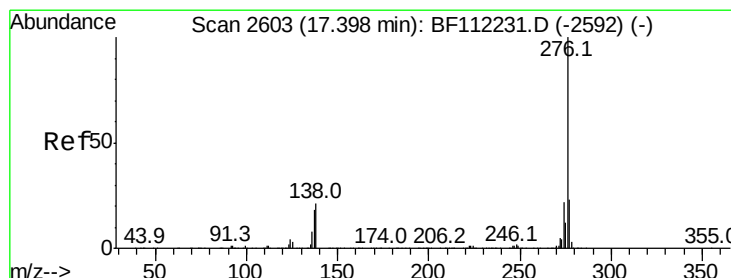
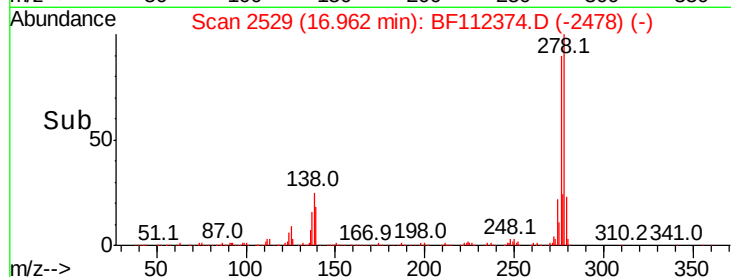
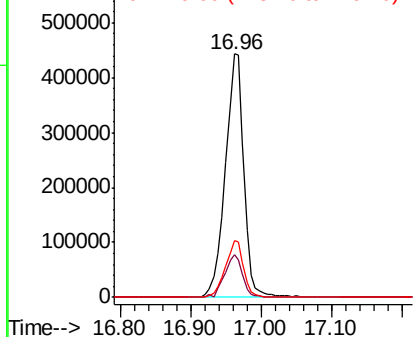


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.427 ng
RT: 17.40 min Scan# 2604
Delta R.T. 0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.0
138	21.4	19.1	28.7

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

