

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
 Data File : BF112373.D
 Acq On : 4 Feb 2019 10:06
 Operator : JU/SJ
 Sample : PB116745BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BS

Manual Integrations
 APPROVED

mohammad
 2/5/2019 8:42:34 AM

Quant Time: Feb 05 04:59:52 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	176528	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	671674	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	321559	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	562966	20.00	ng	0.00
76) Chrysene-d12	14.01	240	374450	20.00	ng	0.00
87) Perylene-d12	15.47	264	375789	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	836341	100.63	ng	0.00
7) Phenol-d6	6.49	99	1034629	89.59	ng	0.00
23) Nitrobenzene-d5	7.40	82	976400	83.76	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	313423	83.74	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1959363	86.18	ng	0.00
79) Terphenyl-d14	12.94	244	1536290	77.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	149290	45.093	ng	96
3) Pyridine	3.43	79	409807	48.661	ng	99
4) n-Nitrosodimethylamine	3.39	42	197773	55.896	ng	95
6) Aniline	6.50	93	242418	17.646	ng	# 1
8) 2-Chlorophenol	6.63	128	491524	43.964	ng	97
9) Benzaldehyde	6.39	77	283590	46.983	ng	99
10) Phenol	6.50	94	547095	43.181	ng	86
11) bis(2-Chloroethyl)ether	6.57	93	422506	42.357	ng	97
12) 1,3-Dichlorobenzene	6.78	146	532563	40.902	ng	100
13) 1,4-Dichlorobenzene	6.86	146	547286	40.841	ng	99
14) 1,2-Dichlorobenzene	7.01	146	512119	40.818	ng	96
15) Benzyl Alcohol	6.99	79	399729	41.061	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	534956	41.770	ng	57
17) 2-Methylphenol	7.11	107	374899	42.300	ng	# 88
18) Hexachloroethane	7.35	117	186066	39.541	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	331066	41.575	ng	96
20) 3+4-Methylphenols	7.26	107	498364	43.973	ng	# 63
22) Acetophenone	7.25	105	661052	40.418	ng	95
24) Nitrobenzene	7.42	77	488733	41.980	ng	99
25) Isophorone	7.66	82	862356	47.156	ng	98
26) 2-Nitrophenol	7.74	139	262751	42.232	ng	94
27) 2,4-Dimethylphenol	7.78	122	422500	49.289	ng	95
28) bis(2-Chloroethoxy)methane	7.87	93	552932	44.405	ng	99
29) 2,4-Dichlorophenol	7.99	162	422825	44.078	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	466891	42.343	ng	99
31) Naphthalene	8.15	128	1406508	44.778	ng	99
32) Benzoic acid	7.93	122	192934	39.458	ng	99
33) 4-Chloroaniline	8.19	127	104277	7.624	ng	100
34) Hexachlorobutadiene	8.26	225	258520	39.954	ng	99
35) Caprolactam	8.57	113	121453m	35.890	ng	
36) 4-Chloro-3-methylphenol	8.69	107	424731	41.825	ng	98
37) 2-Methylnaphthalene	8.83	142	993419	46.199	ng	98
38) 1-Methylnaphthalene	8.93	142	935413	45.386	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	460196	43.588	ng	99

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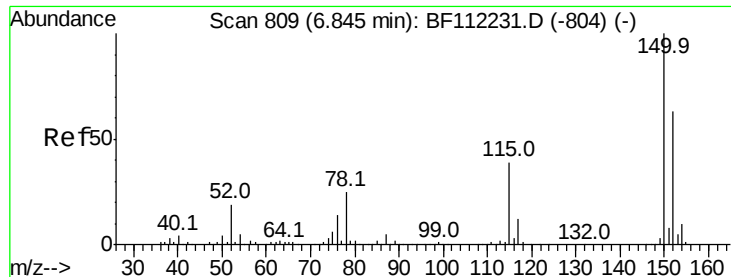
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	153851	43.386	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	286724	44.057	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	298639	43.906	nq	97
46) 1,1'-Biphenyl	9.30	154	1211685	43.102	nq	99
47) 2-Chloronaphthalene	9.33	162	922188	42.302	nq	98
48) 2-Nitroaniline	9.42	65	251776	42.374	nq	89
49) Acenaphthylene	9.74	152	1445907	45.252	nq	99
50) Dimethylphthalate	9.60	163	1113551	44.571	nq	99
51) 2,6-Dinitrotoluene	9.66	165	247690	44.267	nq #	84
52) Acenaphthene	9.91	154	829637	43.465	nq	99
53) 3-Nitroaniline	9.83	138	95130	15.693	nq	95
54) 2,4-Dinitrophenol	9.96	184	96476	53.726	nq	94
55) Dibenzofuran	10.09	168	1253215	42.965	nq	96
56) 4-Nitrophenol	10.02	139	236566	73.815	nq	91
57) 2,4-Dinitrotoluene	10.07	165	307797	43.210	nq #	86
58) Fluorene	10.43	166	991574	45.428	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	231126	44.965	nq #	96
60) Diethylphthalate	10.30	149	1109568	44.753	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	498254	41.963	nq	96
62) 4-Nitroaniline	10.45	138	218026	36.669	nq	96
63) Azobenzene	10.57	77	933500	42.811	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	92557	29.324	nq	96
66) n-Nitrosodiphenylamine	10.53	169	887985	46.801	nq	100
67) 4-Bromophenyl-phenylether	10.90	248	303530	45.841	nq	98
68) Hexachlorobenzene	10.98	284	313895	44.187	nq	97
69) Atrazine	11.06	200	299225	48.876	nq	96
70) Pentachlorophenol	11.18	266	210801	76.263	nq	98
71) Phenanthrene	11.39	178	1329081	45.411	nq	99
72) Anthracene	11.45	178	1366124	46.858	nq	99
73) Carbazole	11.60	167	1163497	40.458	nq	99
74) Di-n-butylphthalate	11.92	149	1677689	46.999	nq	99
75) Fluoranthene	12.58	202	1216718	38.760	nq	97
77) Benzidine	12.69	184	381606	37.027	nq	96
78) Pyrene	12.81	202	1209098	46.639	nq	98
80) Butylbenzylphthalate	13.42	149	593736	47.337	nq	97
81) Benzo(a)anthracene	14.00	228	1029192	46.756	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	224997	27.312	nq	99
83) Chrysene	14.03	228	964894	45.922	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	831146	46.682	nq	98
85) Di-n-octyl phthalate	14.58	149	1250053	45.634	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	942081	56.584	nq	97
88) Benzo(b)fluoranthene	15.05	252	1048854	46.670	nq	98
89) Benzo(k)fluoranthene	15.08	252	973825	45.238	nq	98
90) Benzo(a)pyrene	15.42	252	970462	47.991	nq	99
91) Dibenzo(a,h)anthracene	16.96	278	806418	49.480	nq	99
92) Benzo(g,h,i)perylene	17.40	276	731377	47.566	nq	97

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



#1

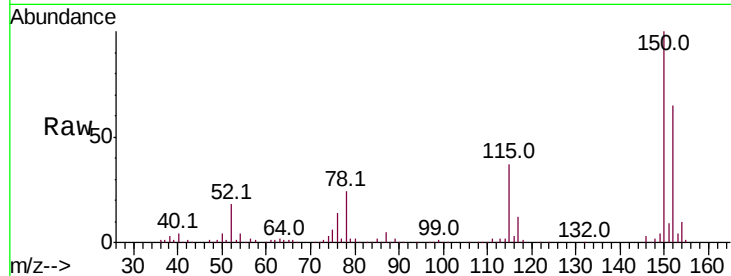
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	127.4	191.0
115	56.6	45.5	68.3

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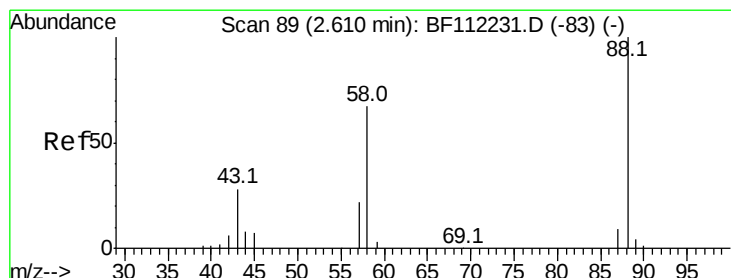
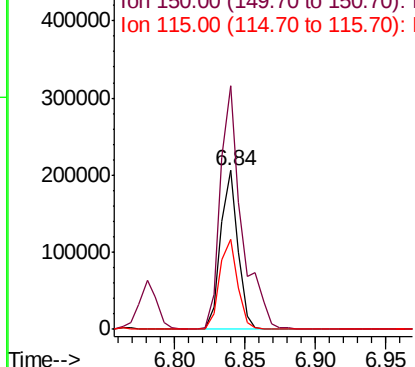
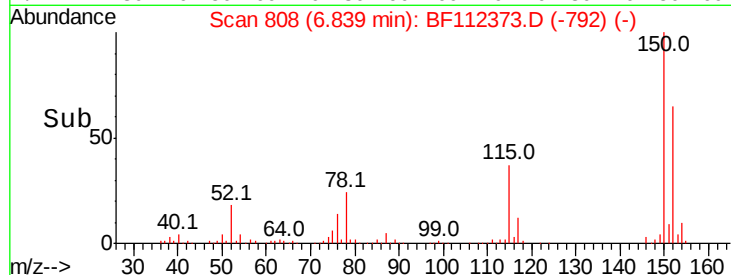


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

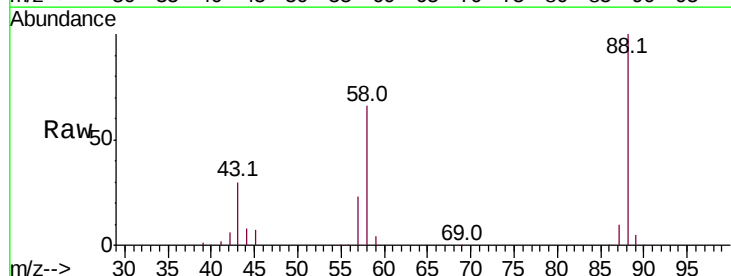
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 45.093 ng
RT: 2.68 min Scan# 100
Delta R.T. 0.06 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.9	57.4	86.2
43	29.6	22.2	33.4

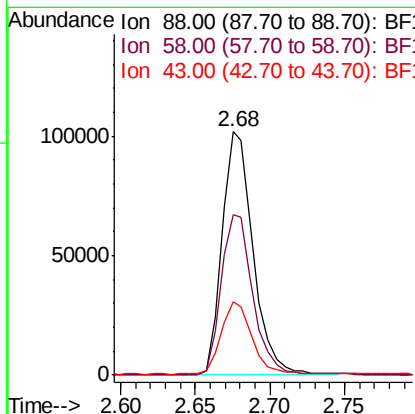
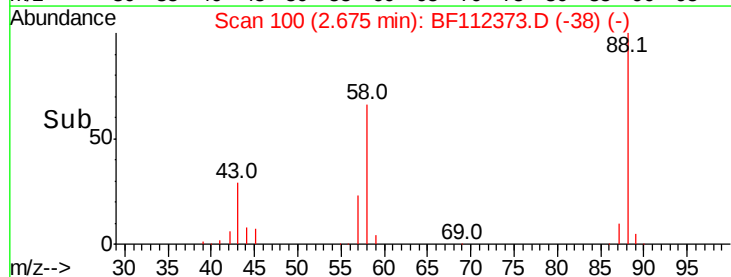


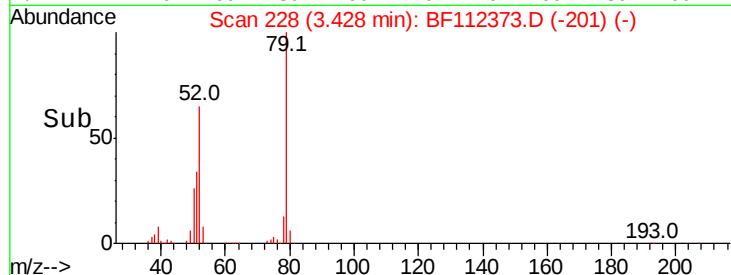
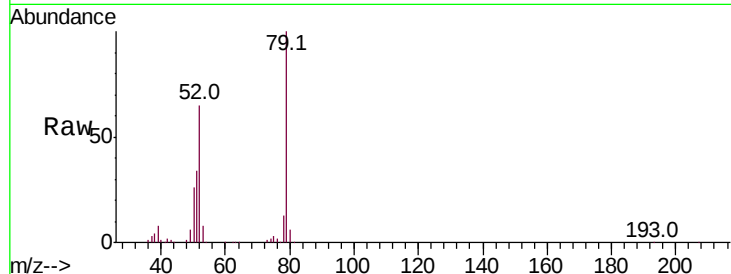
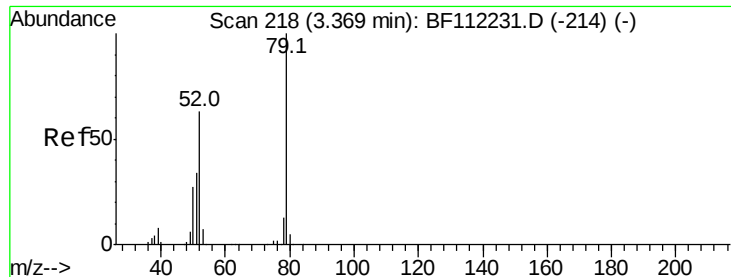
Abundance

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





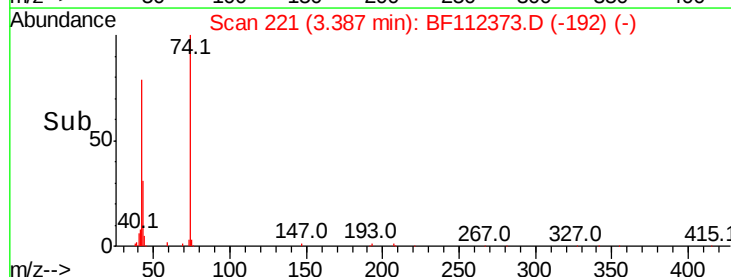
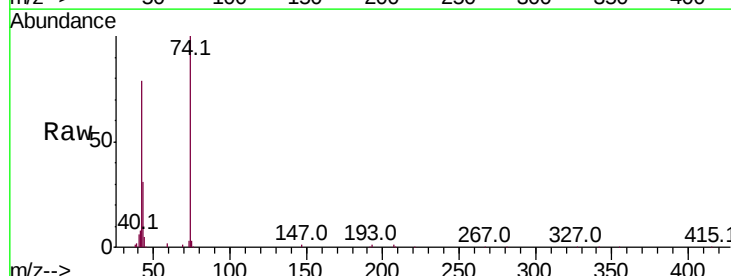
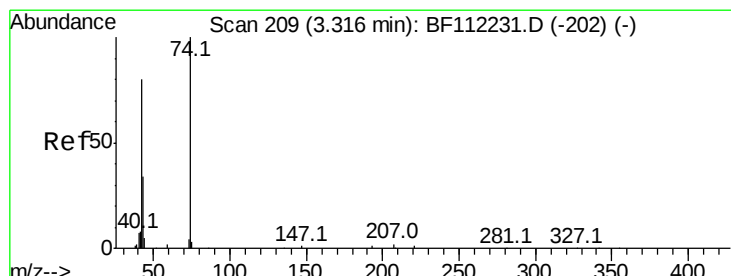
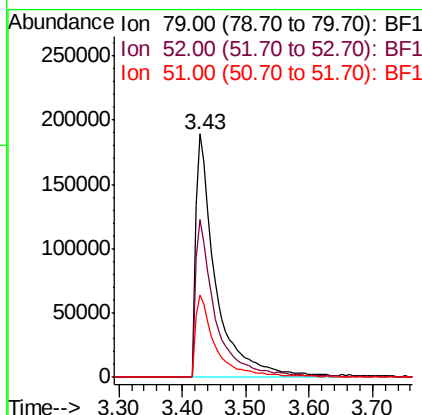
#3
Pvridine
Concen: 48.661 ng
RT: 3.43 min Scan# 228
Delta R.T. 0.06 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tot Ion: 79 Resp: 409807
Ion Ratio Lower Upper
79 100
52 65.0 52.4 78.6
51 34.0 26.1 39.1

Instrument :
BNA_F
ClientSampleId :
PB116745BS

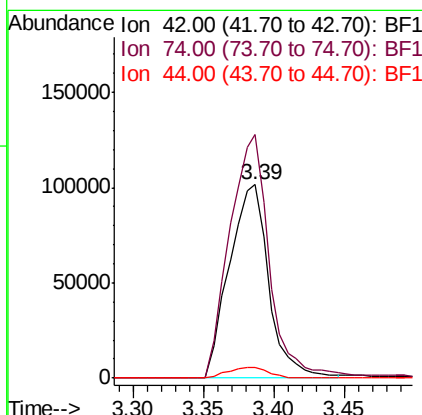
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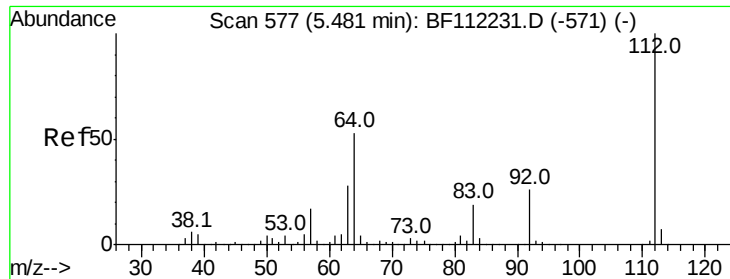
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#4
n-Nitrosodimethylamine
Concen: 55.896 ng
RT: 3.39 min Scan# 221
Delta R.T. 0.07 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion: 42 Resp: 197773
Ion Ratio Lower Upper
42 100
74 125.9 105.6 158.4
44 5.7 5.4 8.2





#5

2-Fluorophenol

Concen: 100.632 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

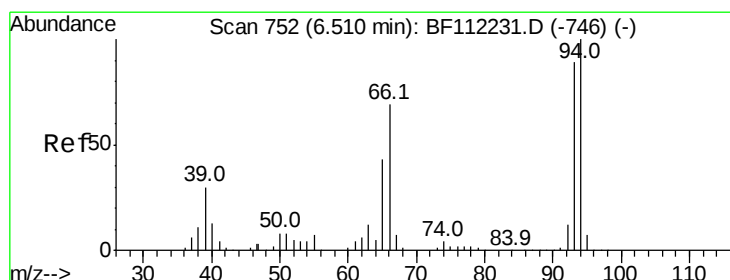
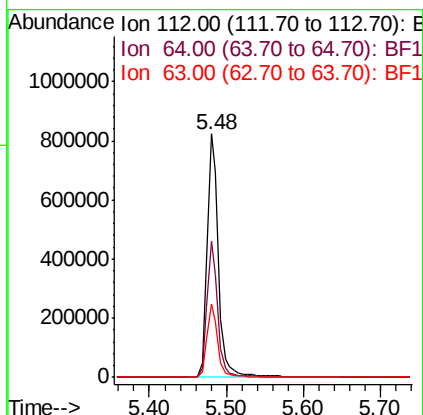
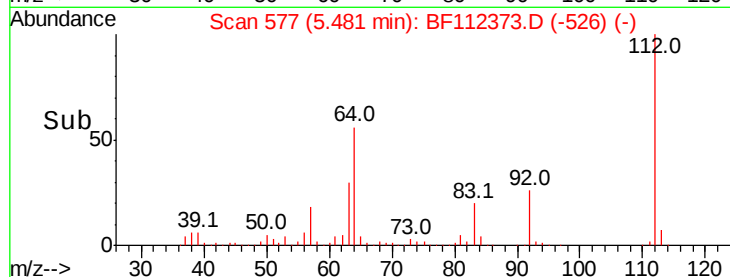
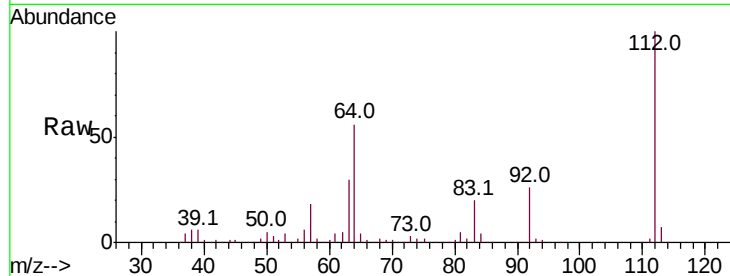
ClientSampleID :

PB116745BS

Tot Ion:	112	Resp:	836341
Ion Ratio	Lower	Upper	
112	100		
64	56.1	45.7	68.5
63	30.1	23.6	35.4

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#6

Aniline

Concen: 17.646 ng

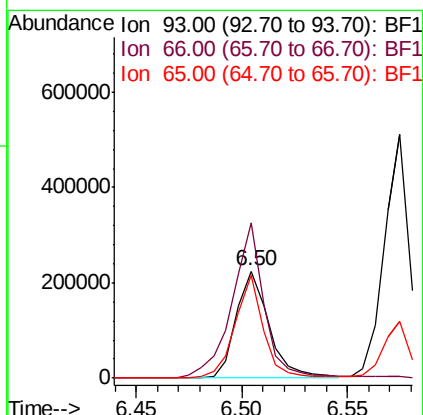
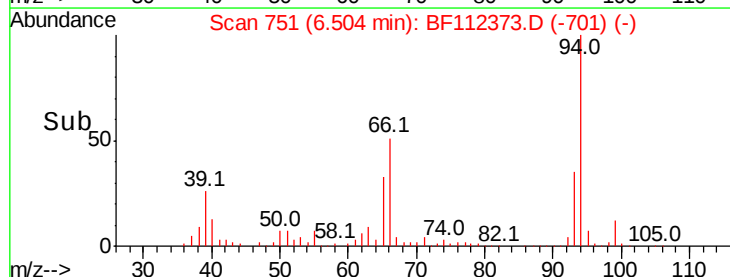
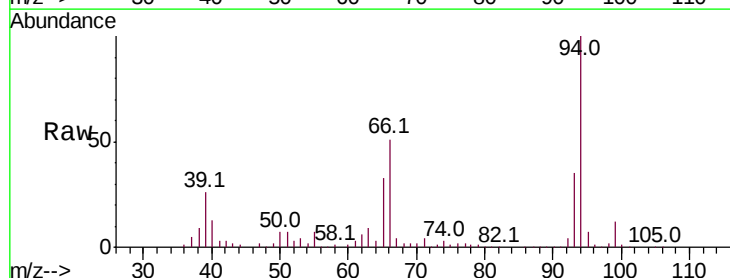
RT: 6.50 min Scan# 751

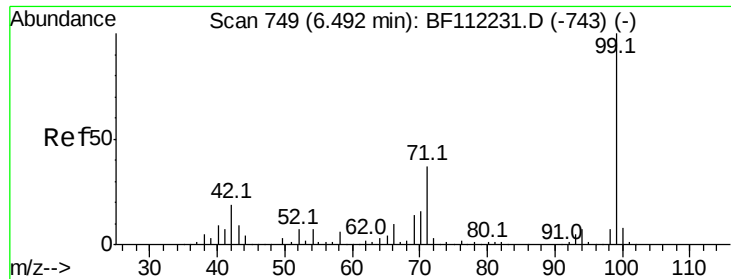
Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Tgt Ion:	93	Resp:	242418
Ion Ratio	Lower	Upper	
93	100		
66	144.9	43.4	65.2#
65	95.6	25.3	37.9#





#7

Phenol-d6

Concen: 89.591 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

Tot Ion: 99 Resp: 1034629

Ion Ratio Lower Upper

99 100

42 18.4 15.1 22.7

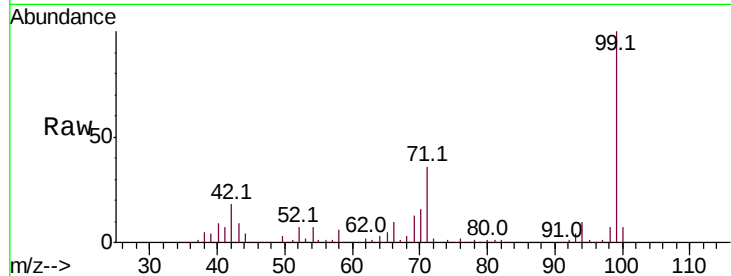
71 35.6 26.9 40.3

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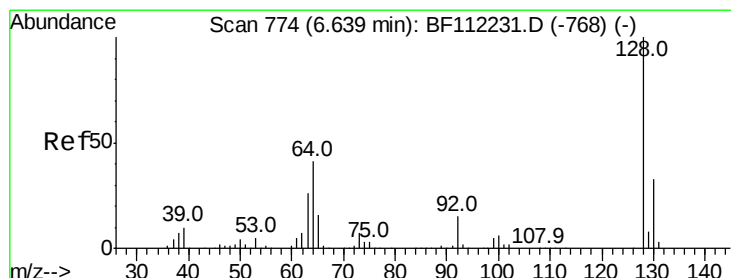
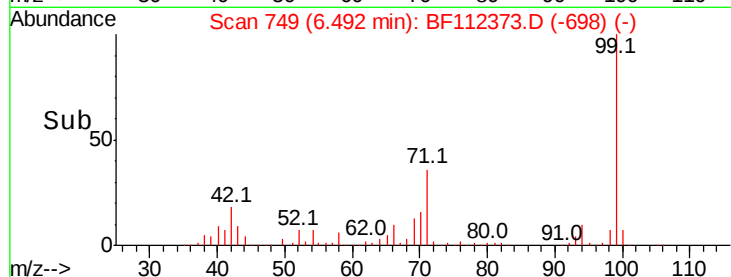
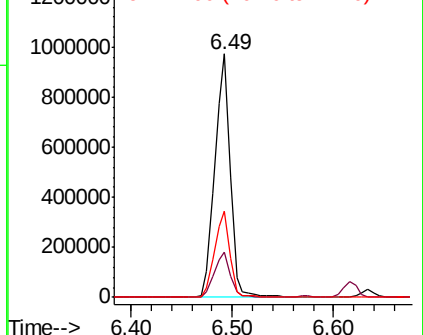
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.964 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

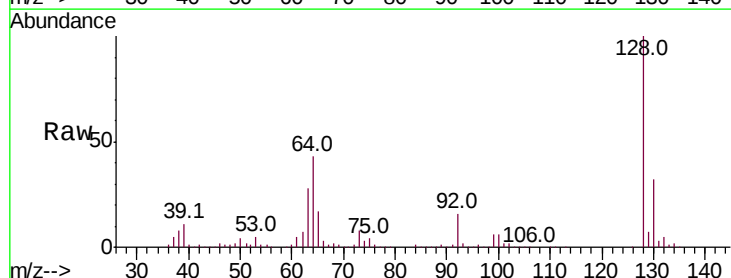
Tgt Ion:128 Resp: 491524

Ion Ratio Lower Upper

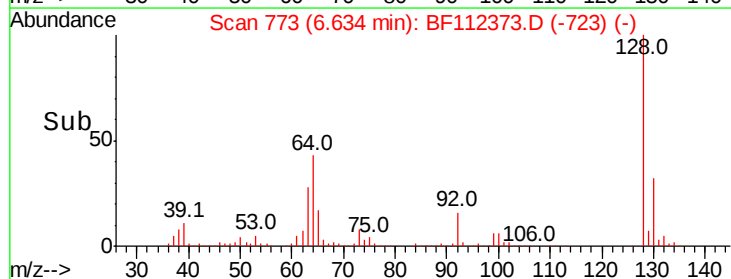
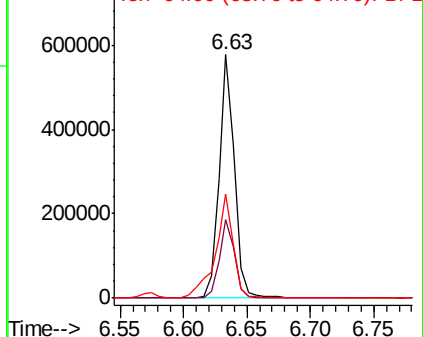
128 100

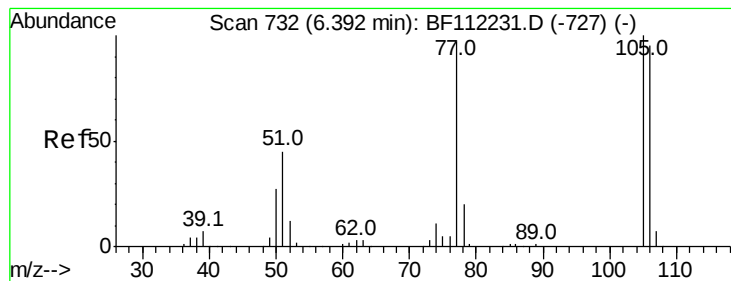
130 32.4 13.4 53.4

64 42.8 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: 46.983 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

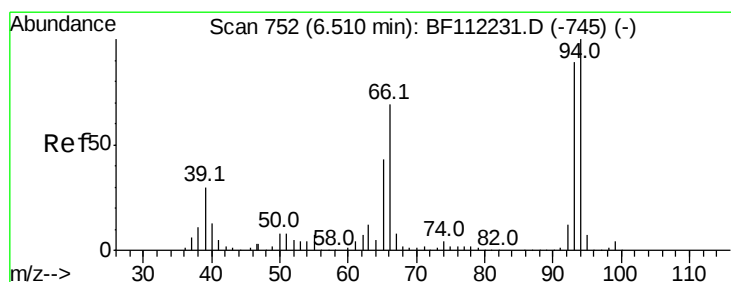
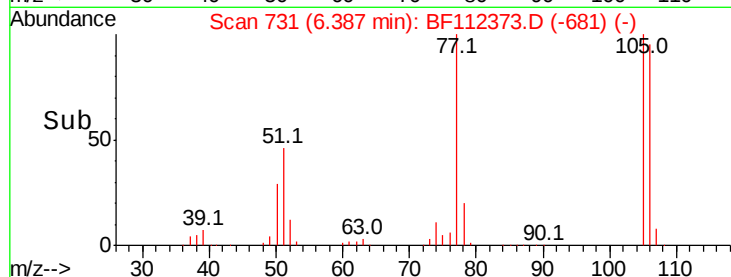
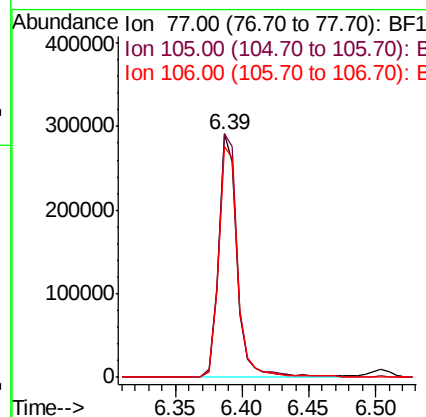
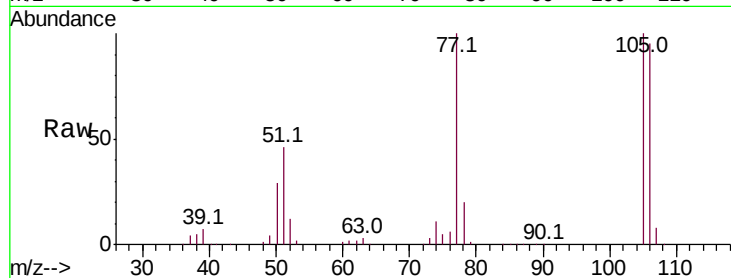
ClientSampleId :

PB116745BS

Tot Ion:	77	Resp:	283590
Ion Ratio	Lower	Upper	
77	100		
105	100.2	80.8	120.8
106	94.8	75.7	115.7

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#10

Phenol

Concen: 43.181 ng

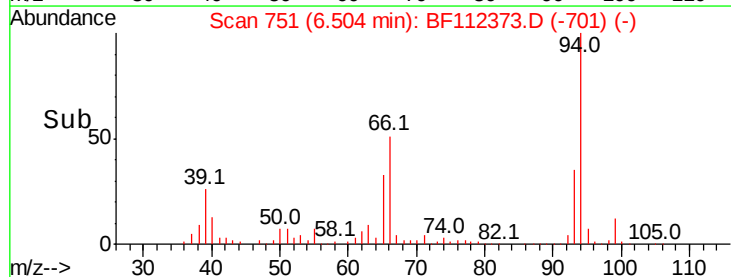
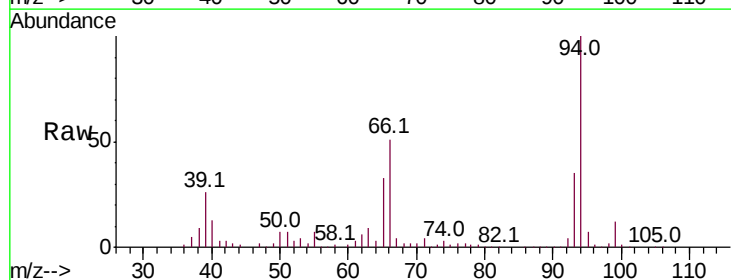
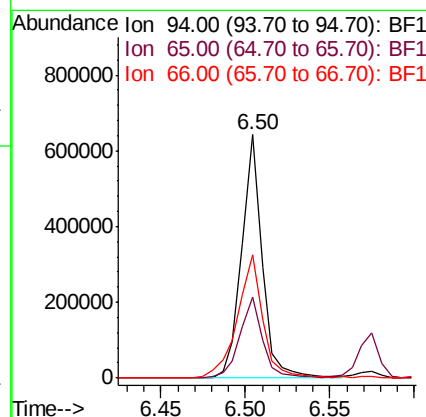
RT: 6.50 min Scan# 751

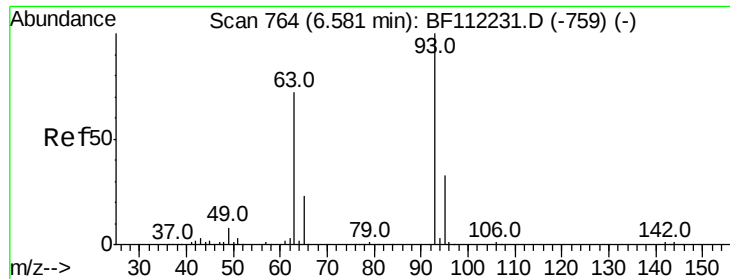
Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Tgt Ion:	94	Resp:	547095
Ion Ratio	Lower	Upper	
94	100		
65	33.4	20.3	60.3
66	50.7	42.4	82.4





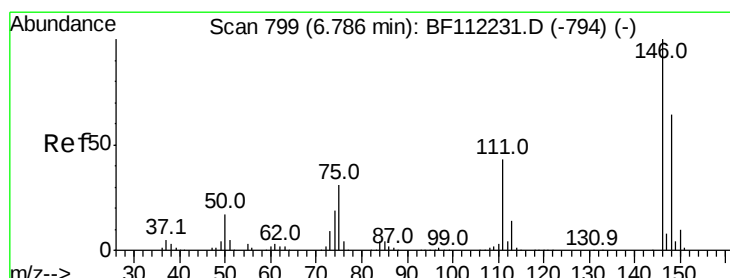
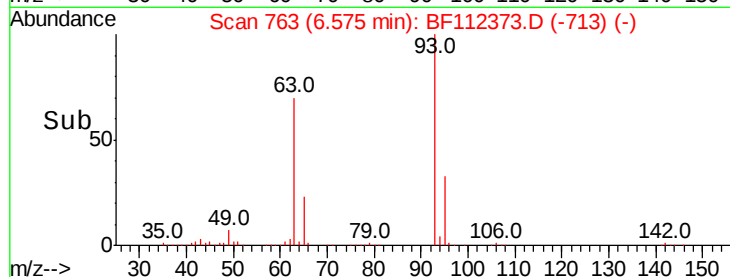
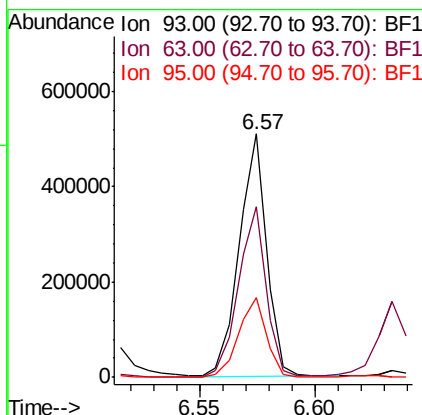
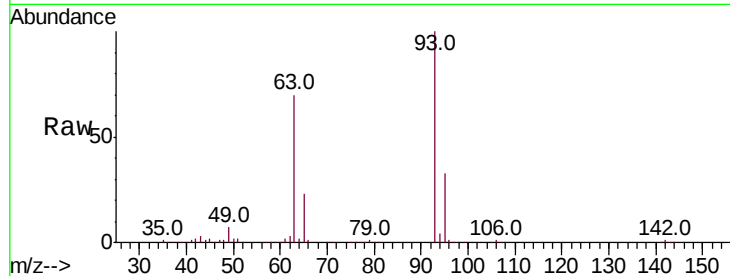
#11
bis(2-Chloroethyl)ether
Concen: 42.357 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.3	53.3	93.3
95	32.7	13.4	53.4

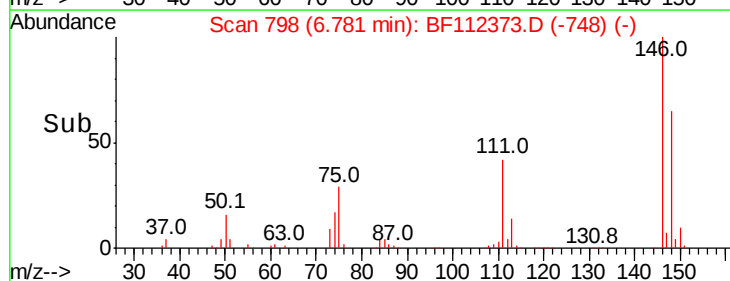
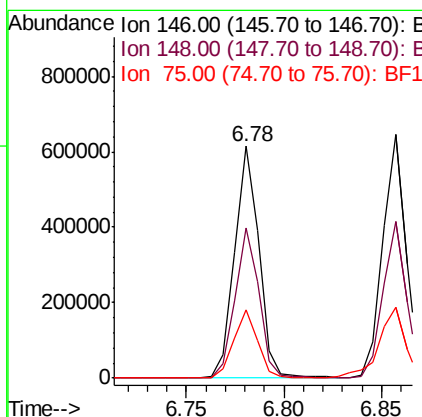
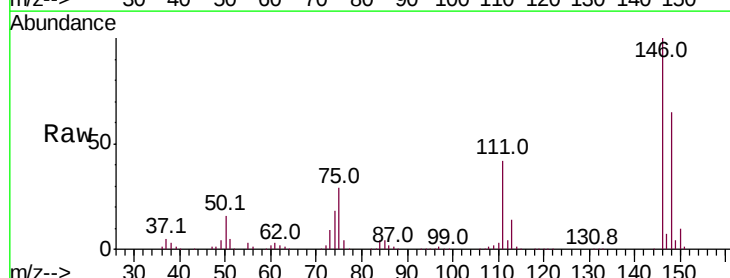
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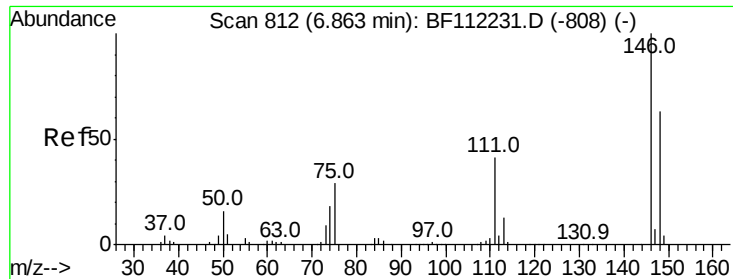
mohammad
2/5/2019 8:42:34 AM



#12
1,3-Dichlorobenzene
Concen: 40.902 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
75	29.3	23.1	34.7





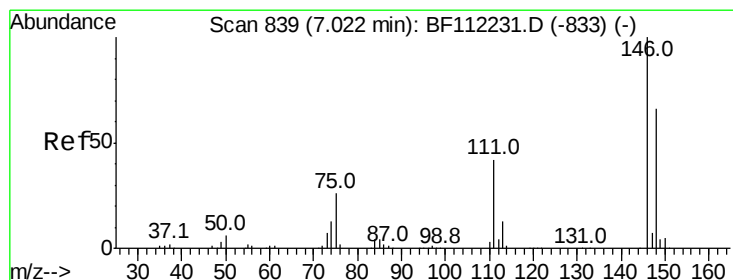
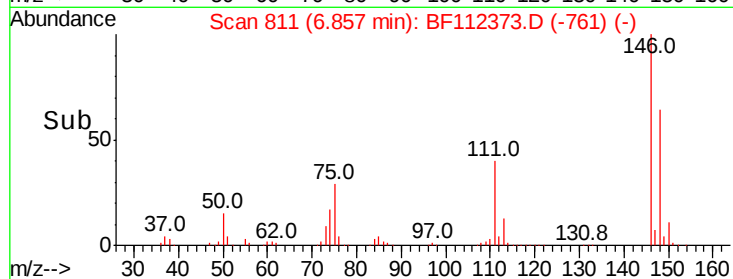
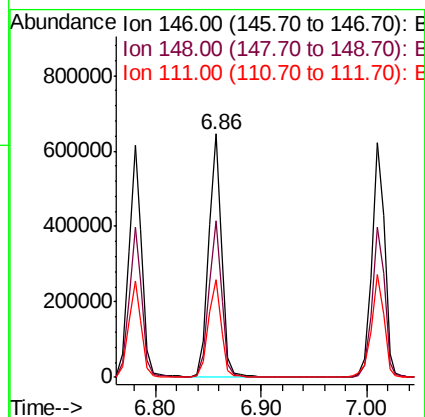
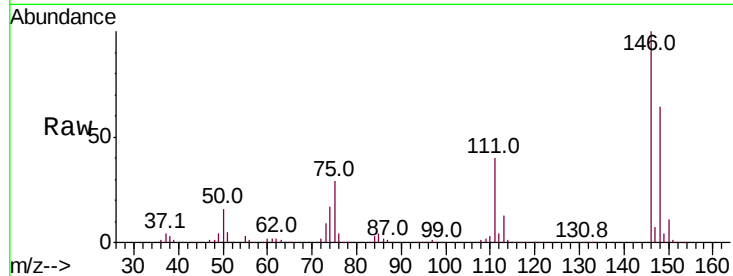
#13
 1,4-Dichlorobenzene
 Concen: 40.841 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.0	78.0
111	40.0	31.2	46.8

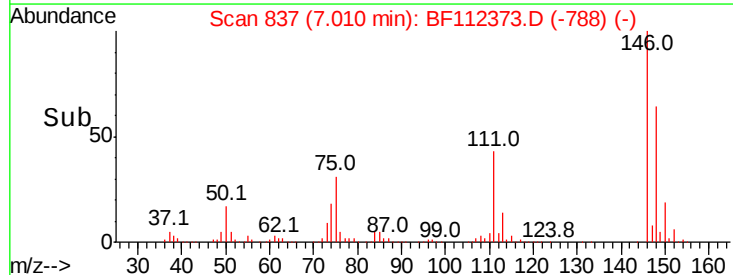
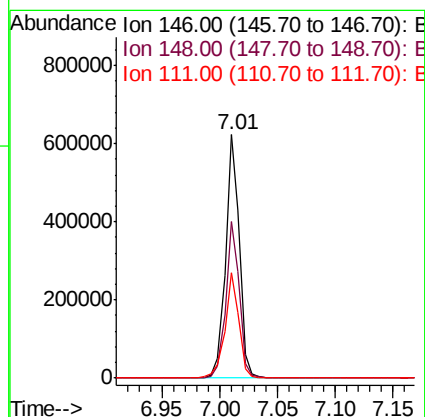
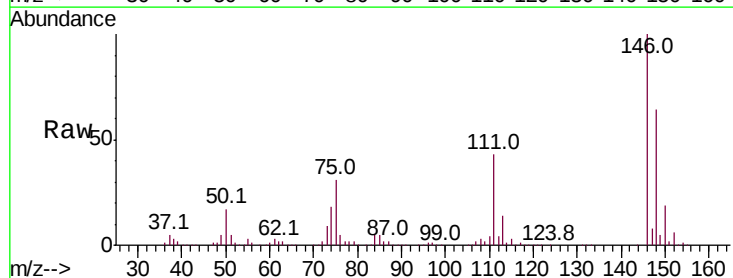
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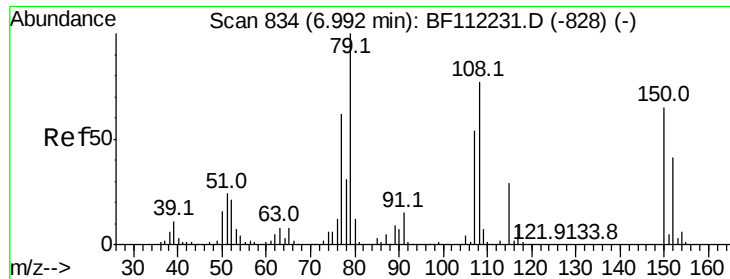
mohammad
 2/5/2019 8:42:34 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.818 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.4
111	43.5	31.2	46.8





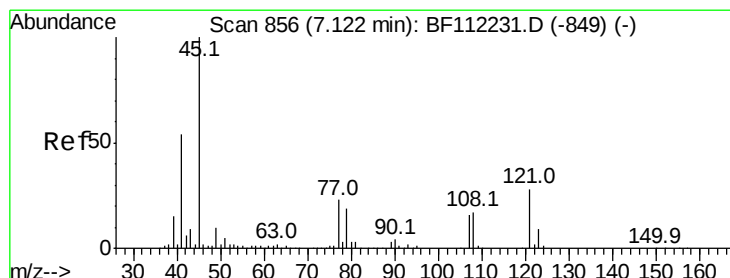
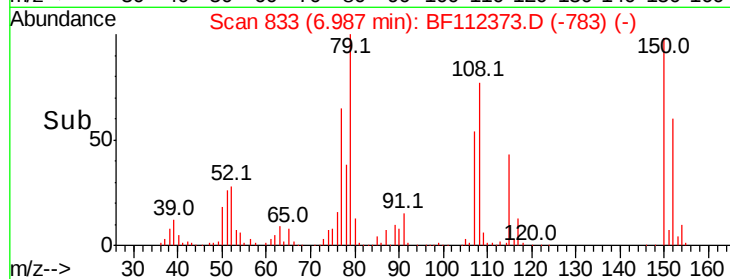
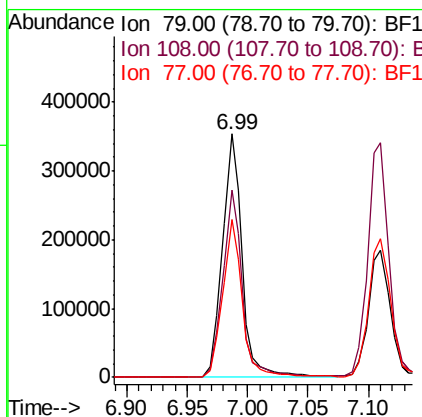
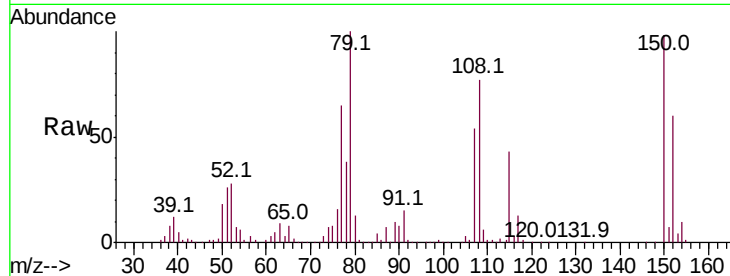
#15
Benzyl Alcohol
Concen: 41.061 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.0	64.2	96.2
77	65.0	50.3	75.5

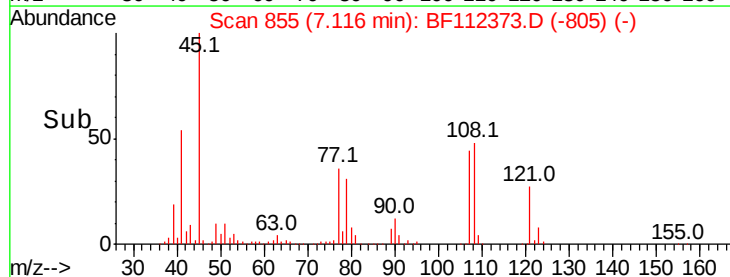
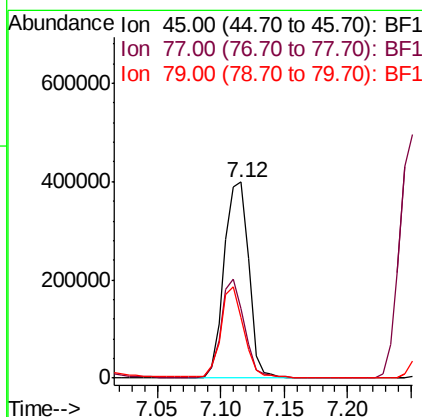
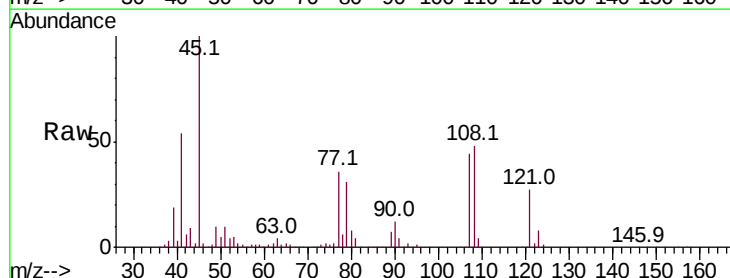
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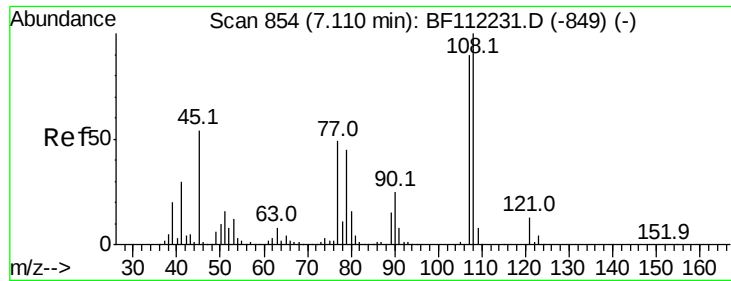
mohammad
2/5/2019 8:42:34 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.770 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	35.6	0.0	36.9
79	31.1	0.0	34.0





#17

2-Methylphenol

Concen: 42.300 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

Tot Ion:107 Resp: 374899
Ion Ratio Lower Upper

107 100

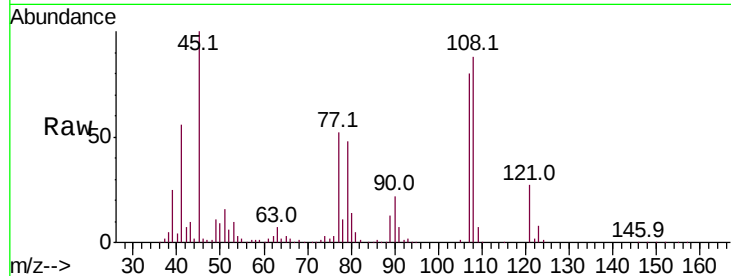
108 108.9 91.3 136.9

77 64.4 39.0 58.6#

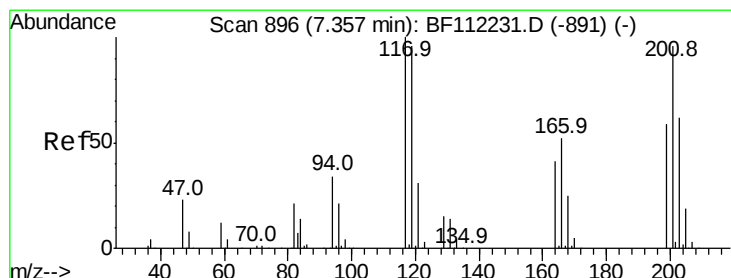
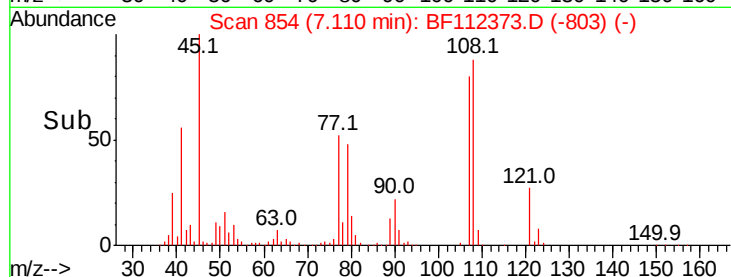
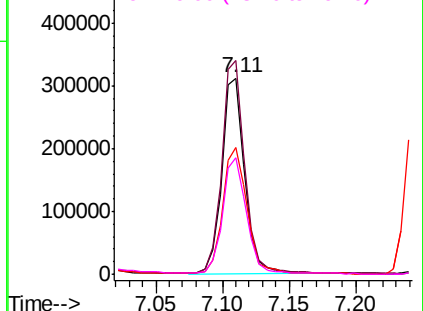
79 59.1 37.0 55.4#

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.541 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF112373.D

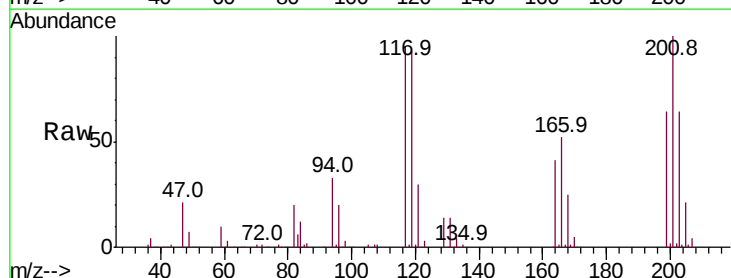
Acq: 4 Feb 2019 10:06

Tgt Ion:117 Resp: 186066
Ion Ratio Lower Upper

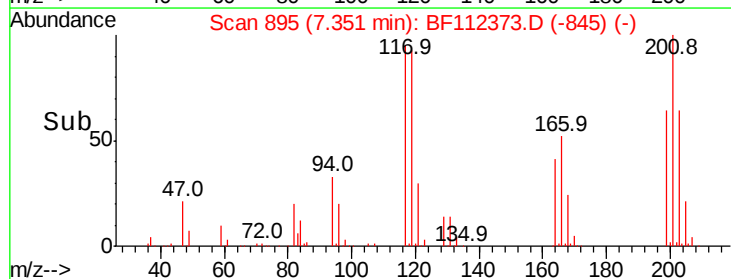
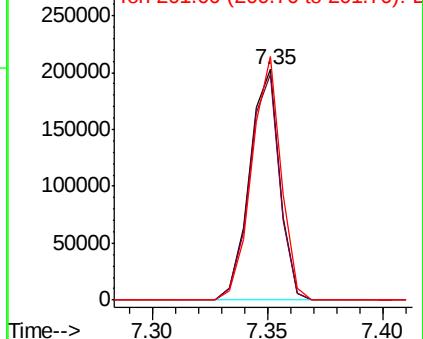
117 100

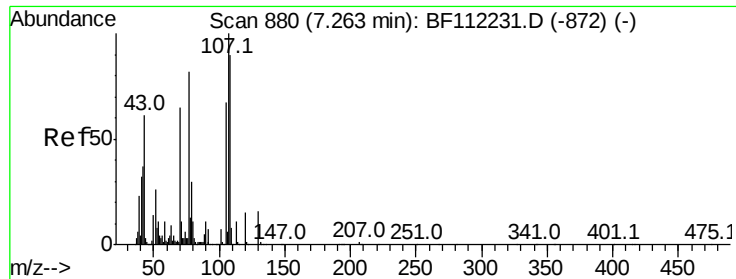
119 97.8 77.0 115.4

201 105.6 74.1 111.1



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





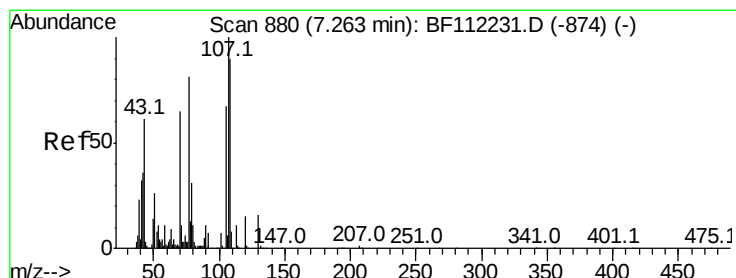
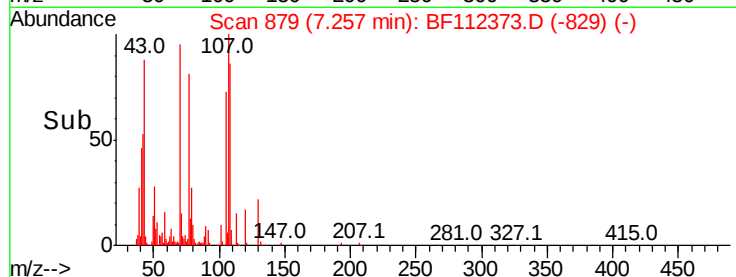
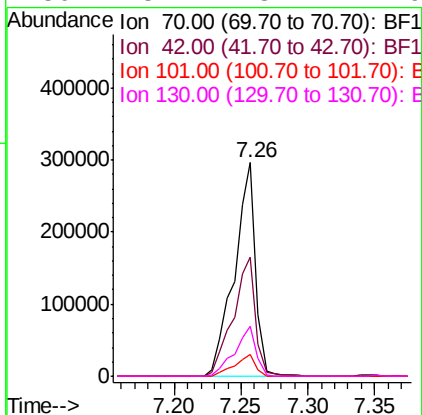
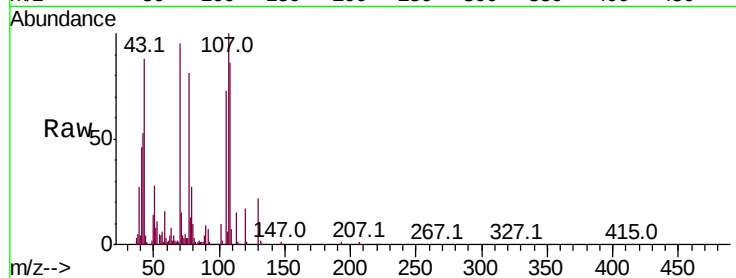
#19
n-Nitroso-di-n-propylamine
Concen: 41.575 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion	70	Resp	331066
Ion Ratio	Lower	Upper	
70	100		
42	55.5	47.6	71.4
101	10.2	7.9	11.9
130	23.2	18.4	27.6

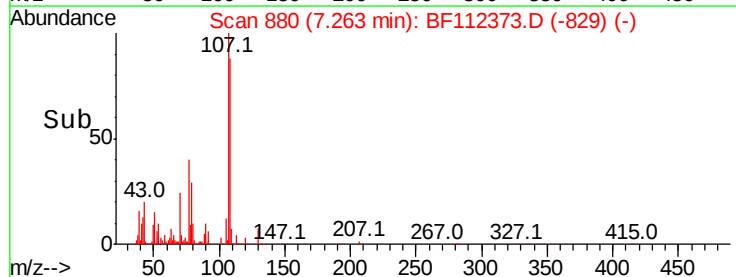
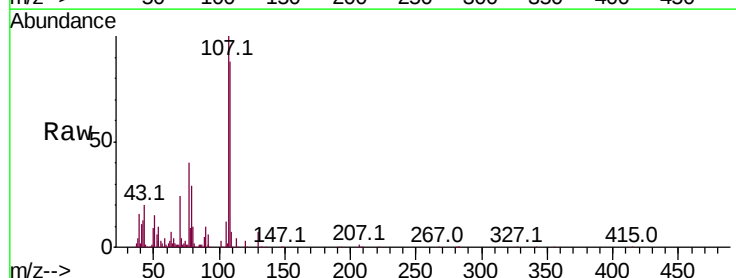
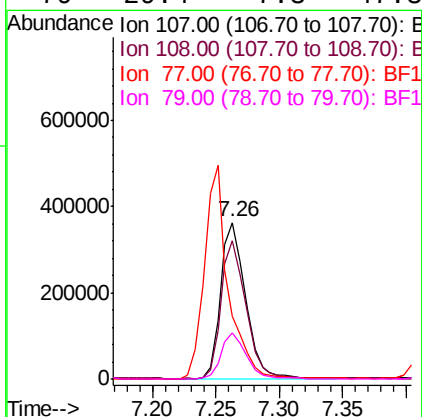
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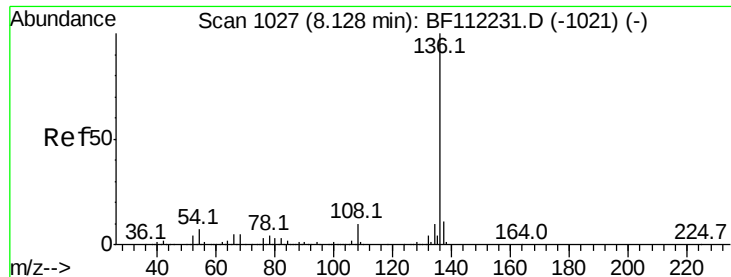
mohammad
2/5/2019 8:42:34 AM



#20
3+4-Methylphenols
Concen: 43.973 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion	107	Resp	498364
Ion Ratio	Lower	Upper	
107	100		
108	88.2	68.2	108.2
77	40.5	100.7	140.7#
79	29.4	7.3	47.3





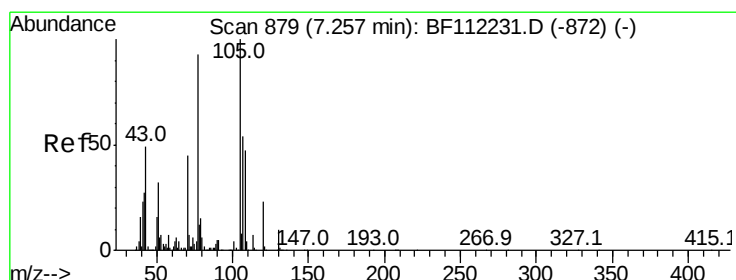
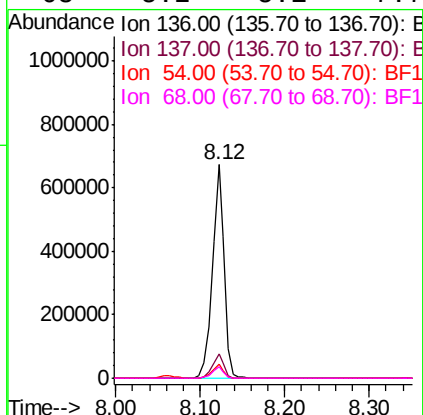
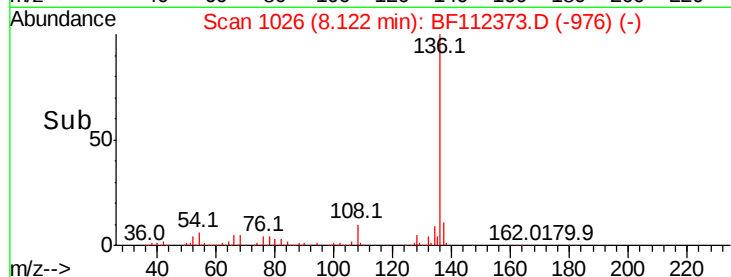
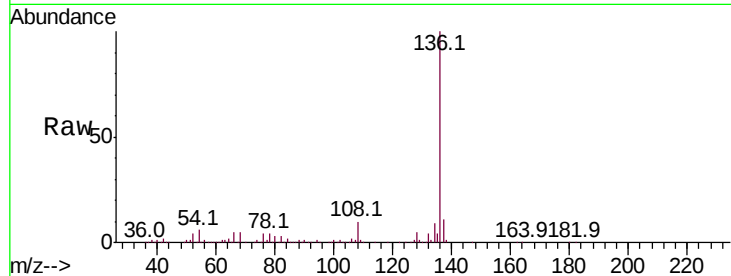
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	671674		
137	11.1		9.1	13.7
54	6.5		5.9	8.9
68	5.2		5.1	7.7

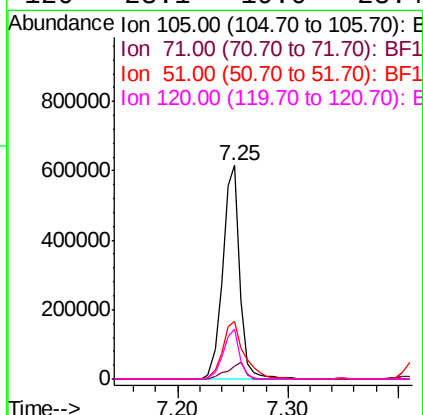
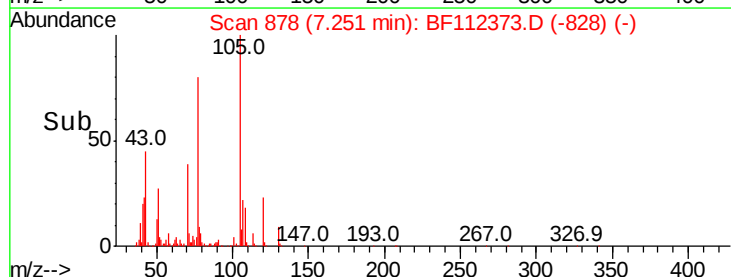
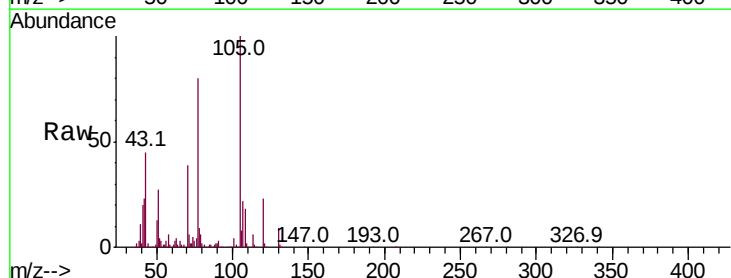
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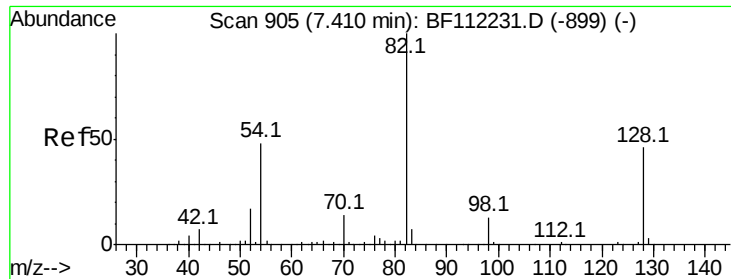
mohammad
2/5/2019 8:42:34 AM



#22
Acetophenone
Concen: 40.418 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	661052		
71	6.3		4.6	6.8
51	27.1		25.0	37.6
120	23.1		19.0	28.4





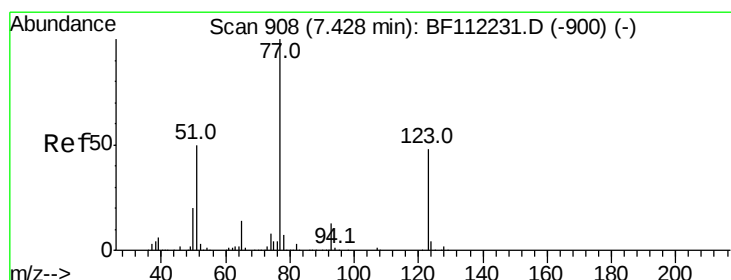
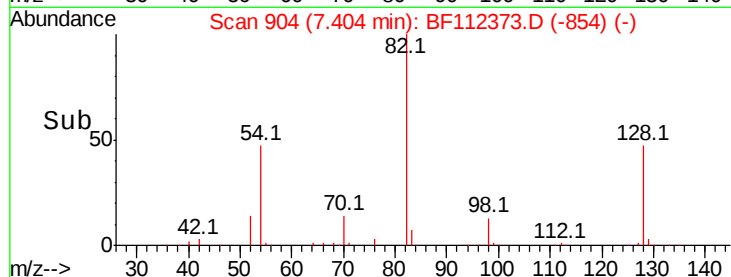
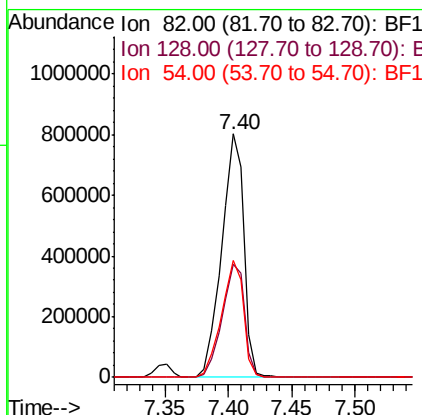
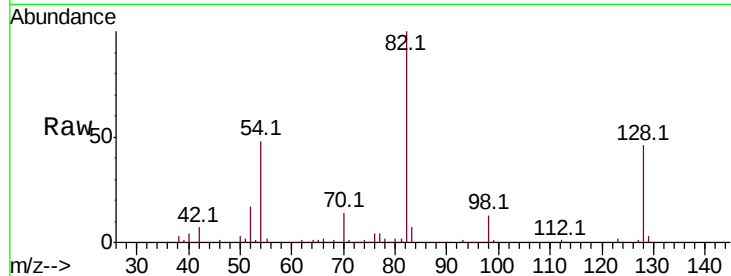
#23
 Nitrobenzene-d5
 Concen: 83.761 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Instrument :
 BNA_F
 ClientSampled :
 PB116745BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.8	56.8
54	47.9	39.7	59.5

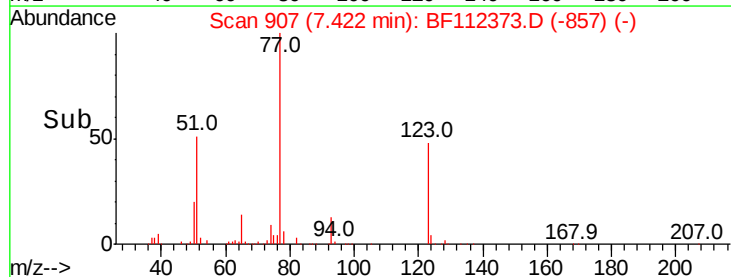
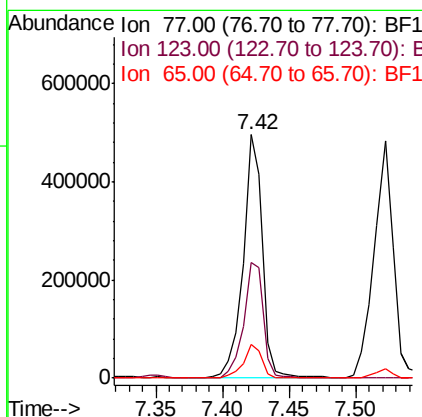
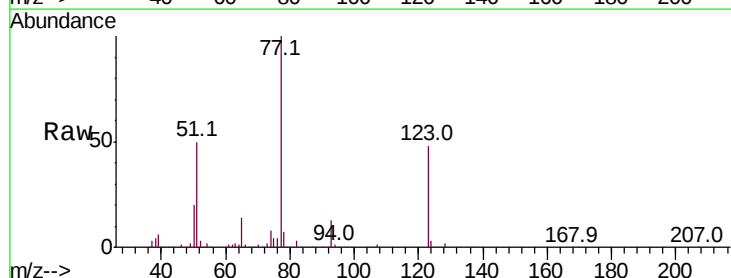
Manual Integrations
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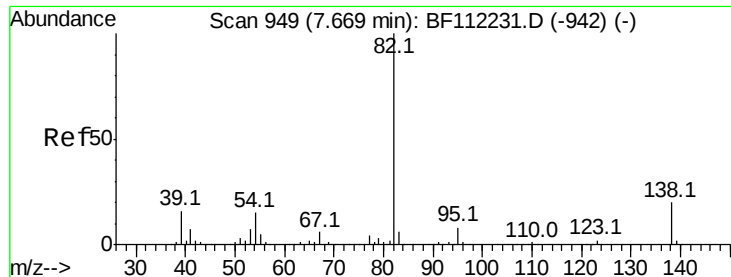
mohammad
 2/5/2019 8:42:34 AM



#24
 Nitrobenzene
 Concen: 41.980 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.5	38.4	57.6
65	13.7	10.6	15.8





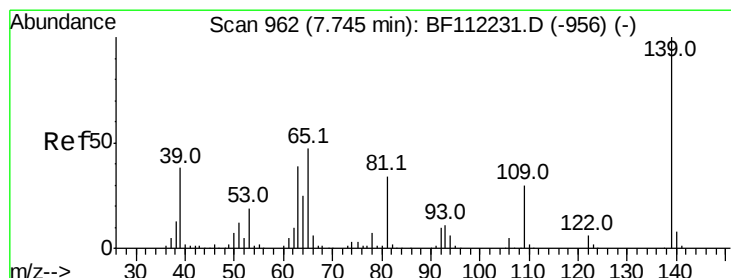
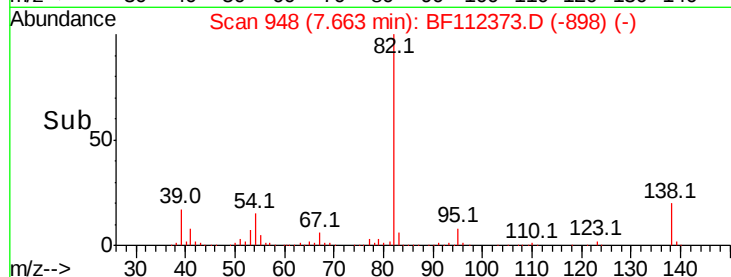
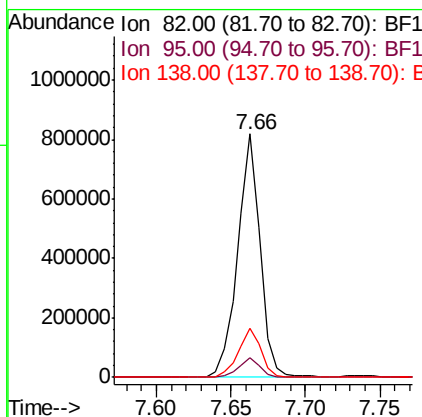
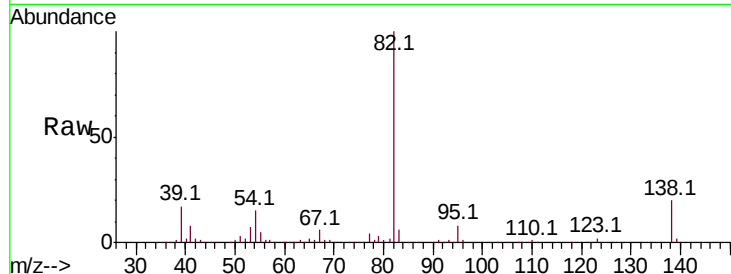
#25
Isophorone
Concen: 47.156 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	862356		
95	7.8		5.7	8.5
138	20.3		15.4	23.0

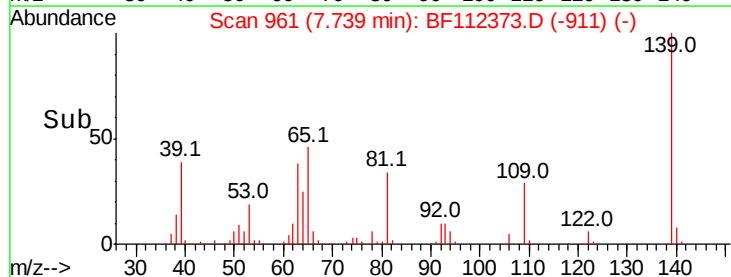
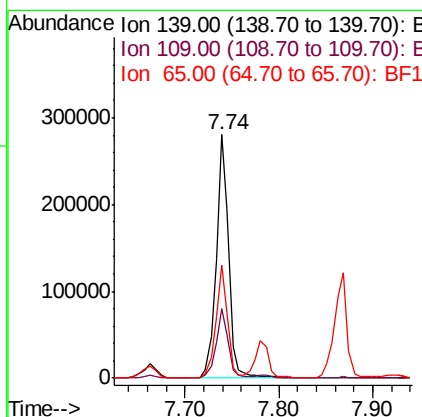
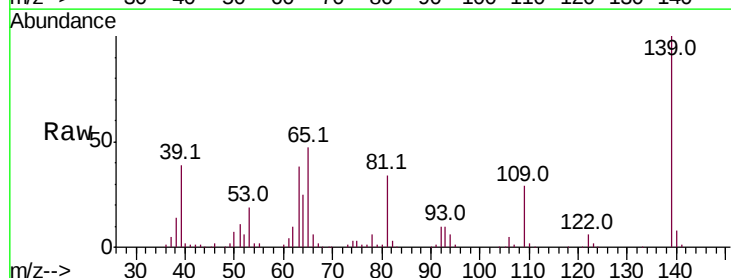
Manual Integrations
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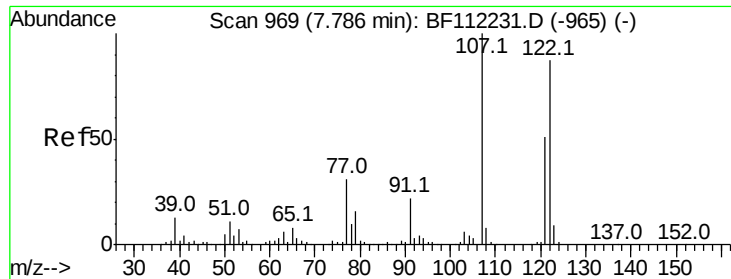
mohammad
2/5/2019 8:42:34 AM



#26
2-Nitrophenol
Concen: 42.232 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	262751		
109	28.8		20.8	31.2
65	46.7		34.4	51.6





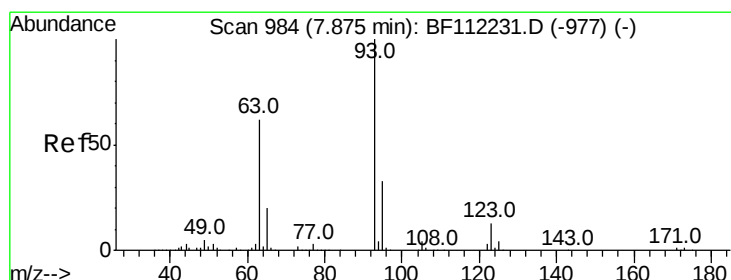
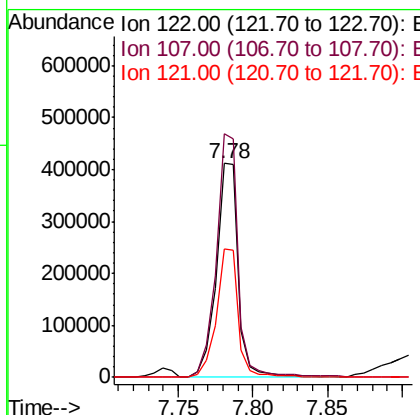
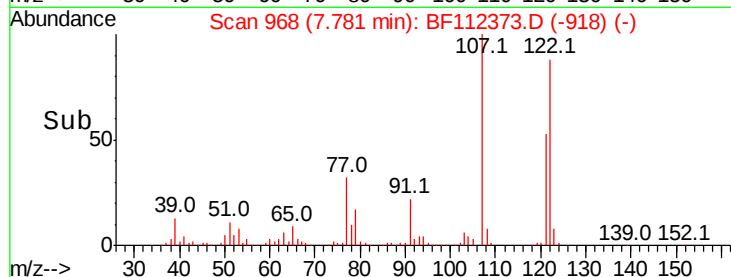
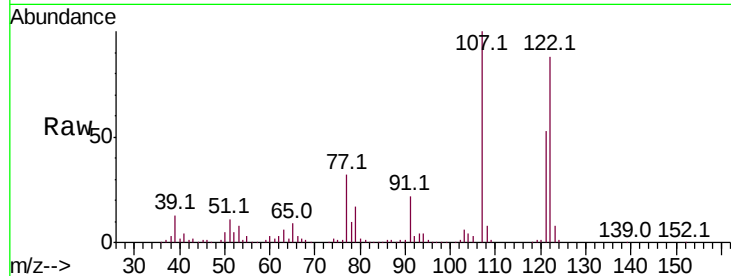
#27
2,4-Dimethylphenol
Concen: 49.289 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	422500		
107	114.0	85.4	128.0	
121	60.4	47.0	70.4	

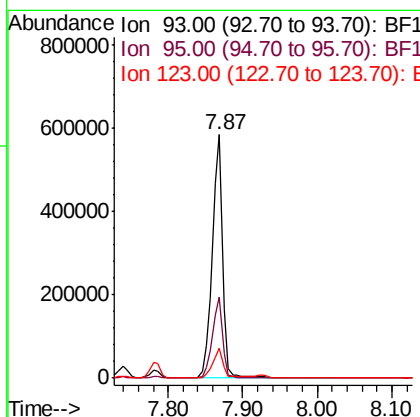
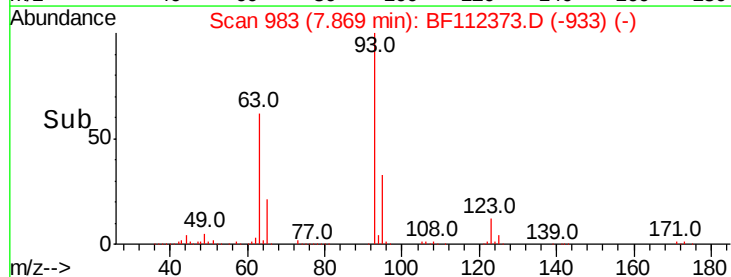
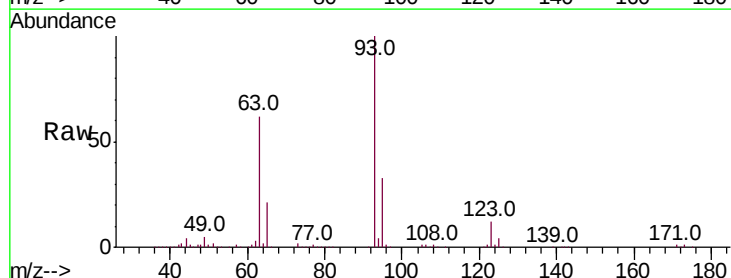
Manual Integrations
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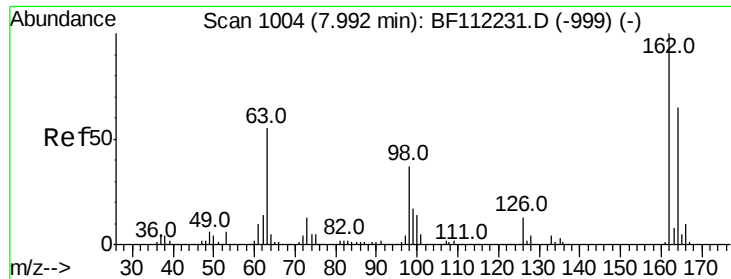
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 44.405 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	552932		
95	33.1	26.8	40.2	
123	12.4	10.2	15.2	





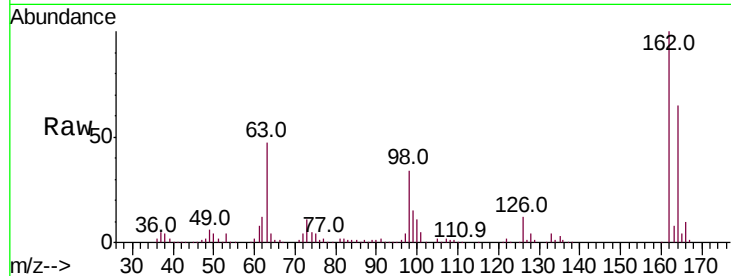
#29
 2,4-Dichlorophenol
 Concen: 44.078 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	422825		
164	64.9		44.6	84.6
98	33.8		14.6	54.6

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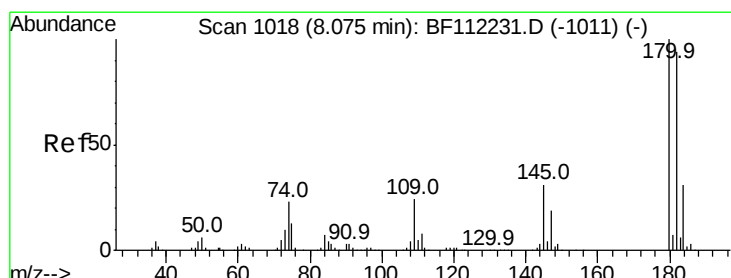
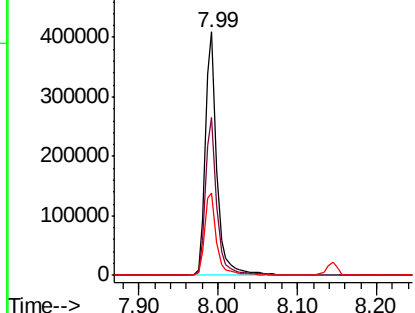
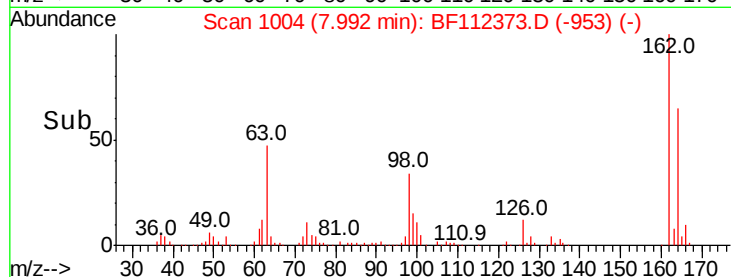


Abundance

Ion 162.00 (161.70 to 162.70): E

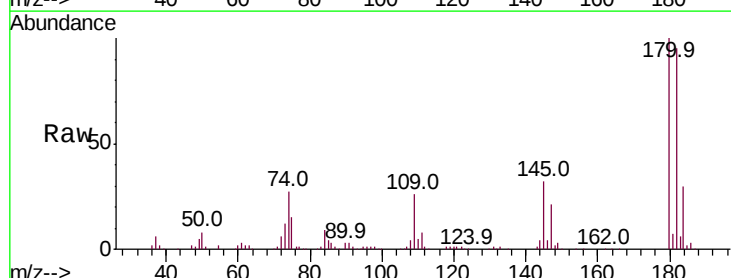
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.343 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	466891		
182	95.0		76.4	114.6
145	32.4		25.0	37.4

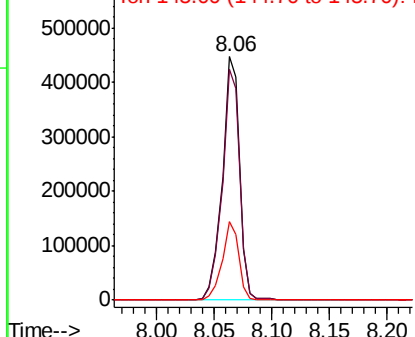
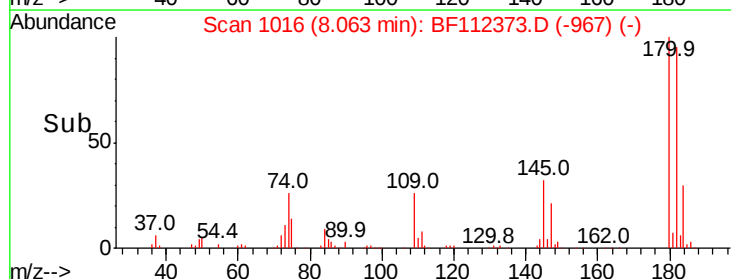


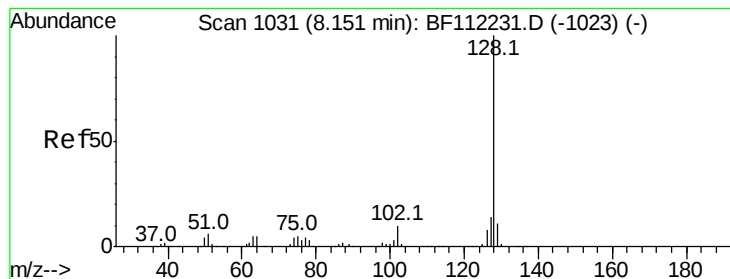
Abundance

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: 44.778 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

Tot Ion:128 Resp: 1406508

Ion Ratio Lower Upper

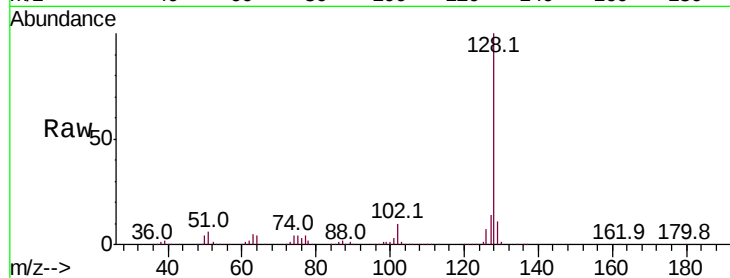
128 100

129 11.3 9.6 14.4

127 13.9 11.1 16.7

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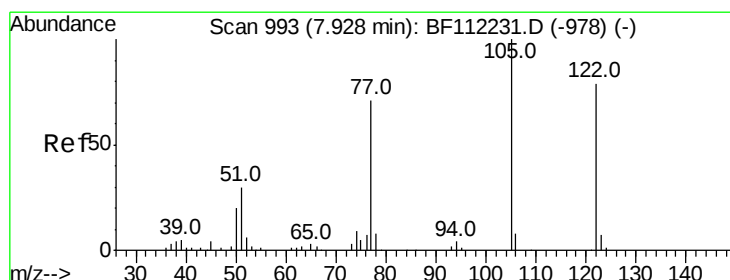
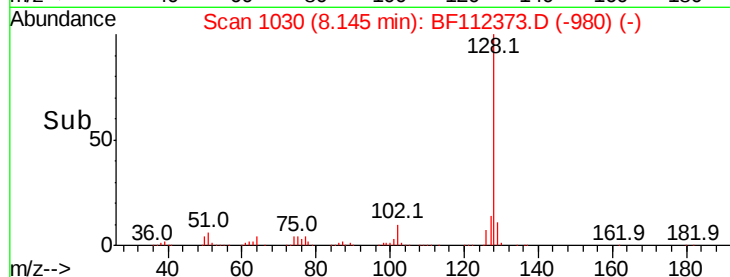
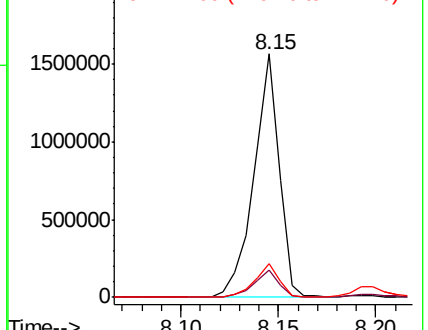


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.458 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

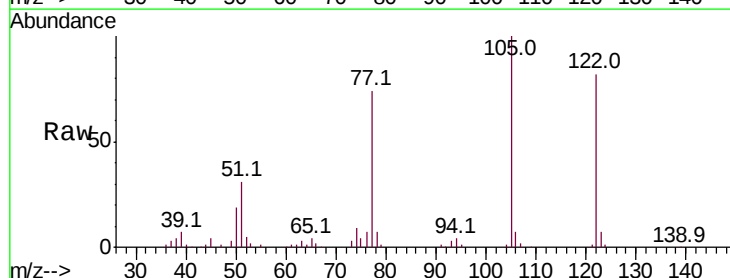
Tgt Ion:122 Resp: 192934

Ion Ratio Lower Upper

122 100

105 122.1 101.2 141.2

77 90.1 70.4 110.4

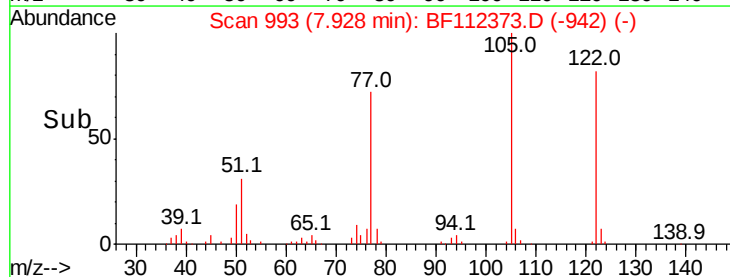
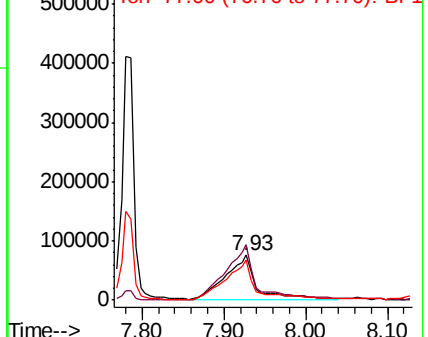


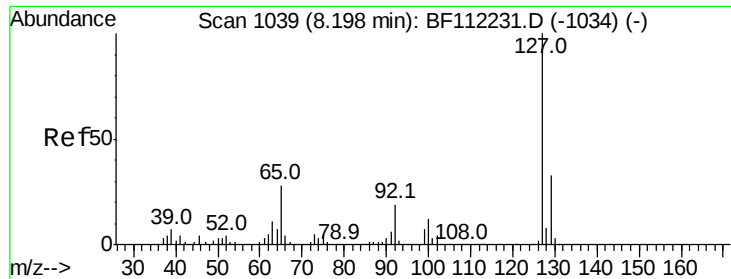
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





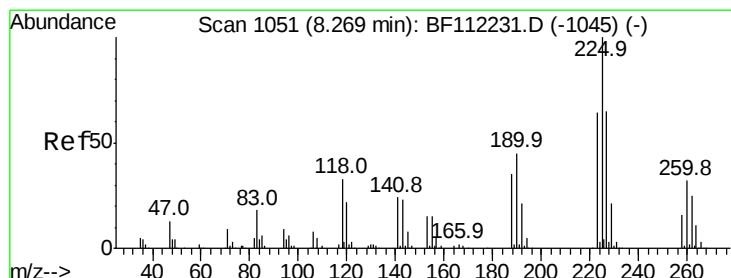
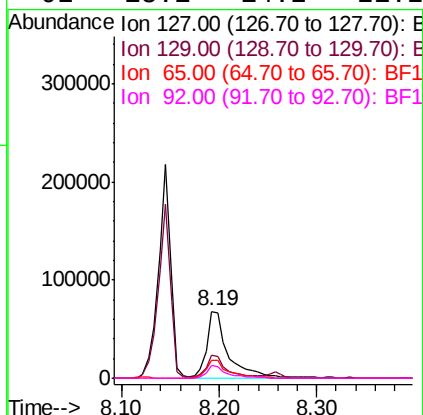
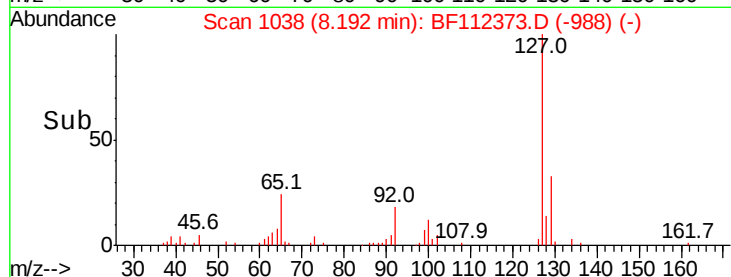
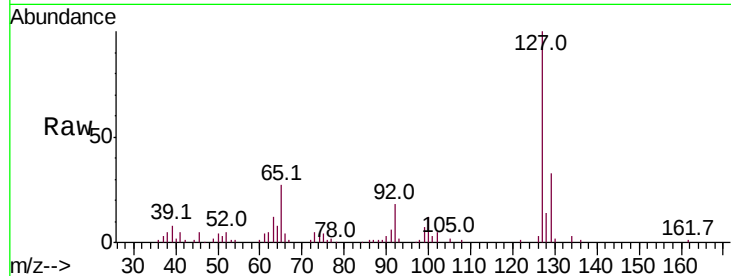
#33
4-Chloroaniline
Concen: 7.624 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.4	26.6	39.8	
65	26.9	21.4	32.2	
92	18.1	14.2	21.2	

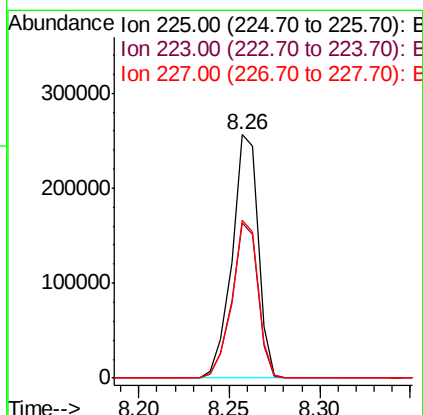
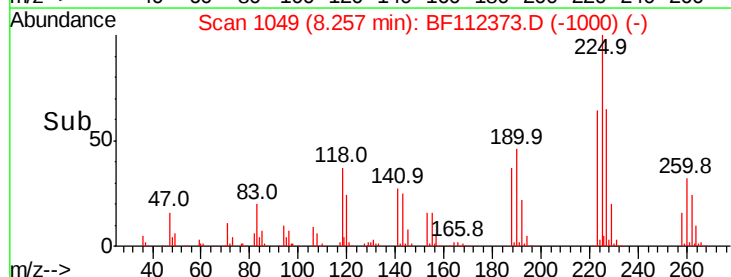
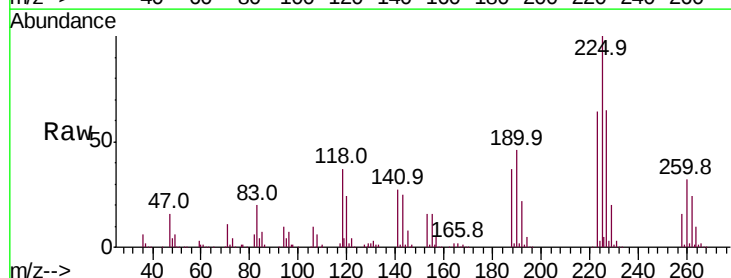
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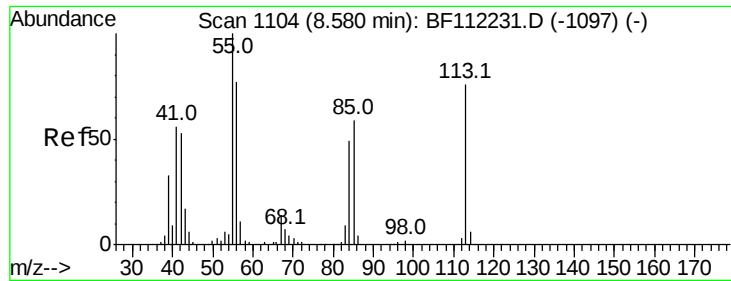
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#34
Hexachlorobutadiene
Concen: 39.954 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.9	50.3	75.5	
227	65.0	51.8	77.8	





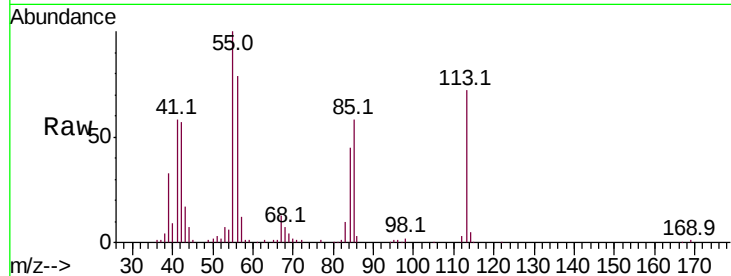
#35
 Caprolactam
 Concen: 35.890 ng/ml
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Instrument :
 BNA_F
 ClientSampled :
 PB116745BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	138.0	121.6	161.6
56	109.0	86.7	126.7

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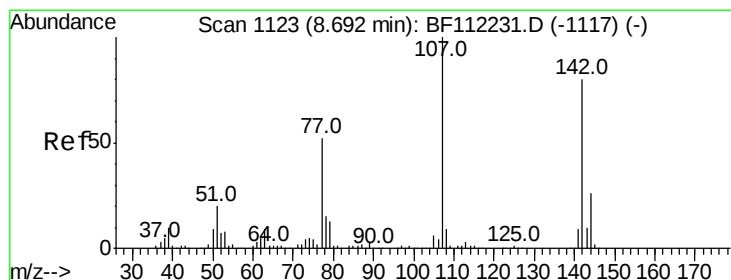
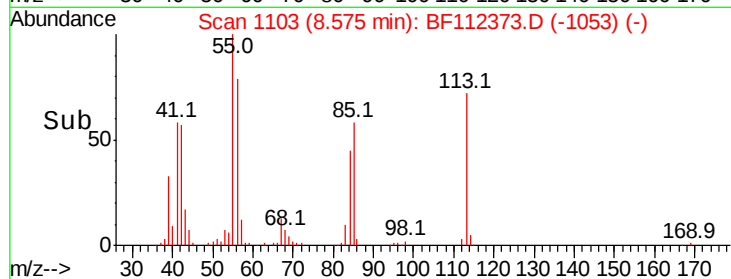
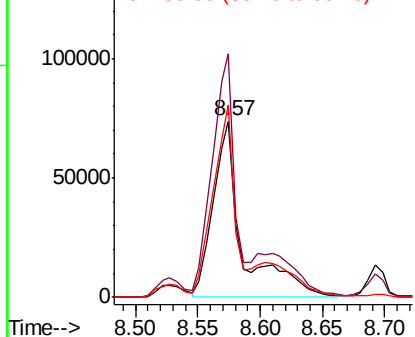


Abundance

Ion 113.00 (112.70 to 113.70): E

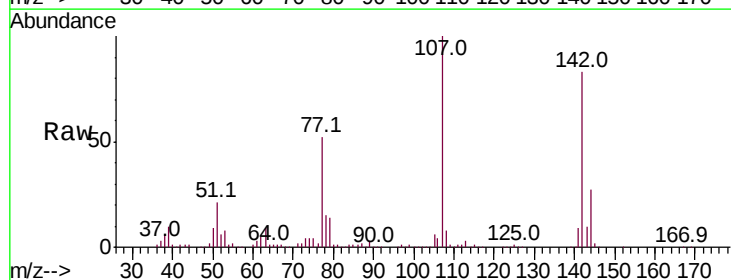
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 41.825 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	22.2	33.2
142	82.9	67.7	101.5

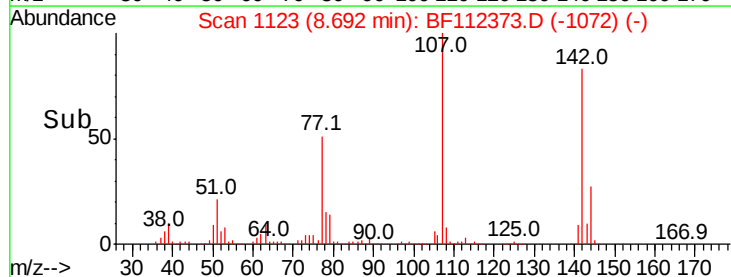
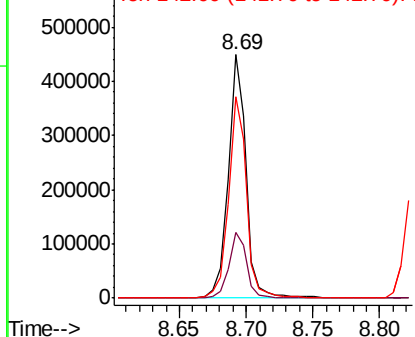


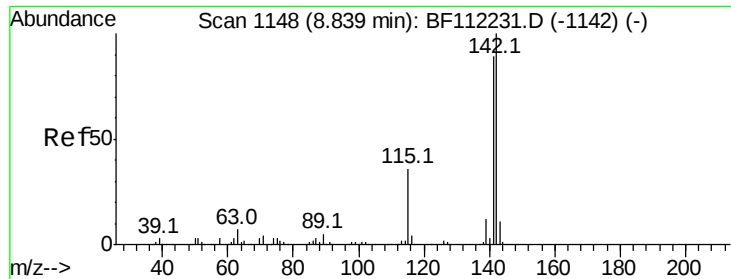
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





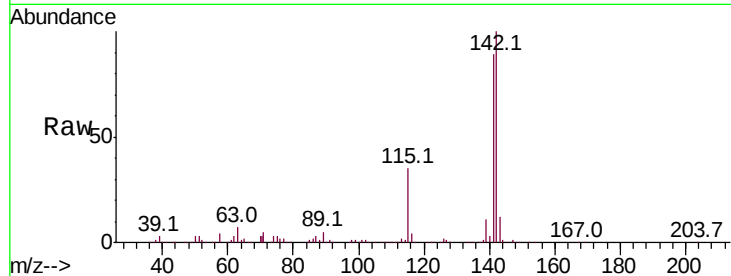
#37
2-Methylnaphthalene
Concen: 46.199 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	993419		
141	89.3	70.9	106.3	
115	35.1	24.9	37.3	

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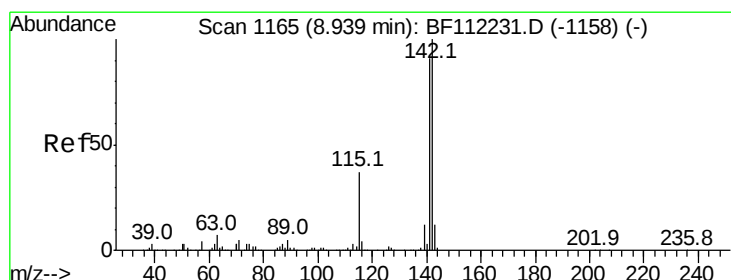
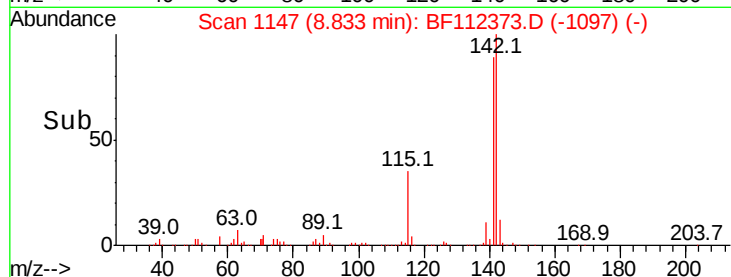
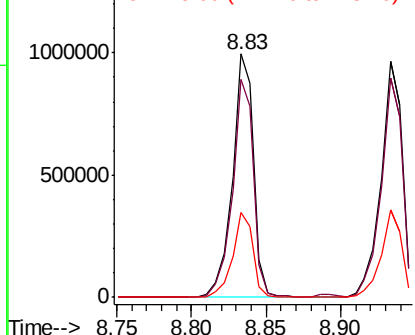


Abundance

Ion 142.00 (141.70 to 142.70): E

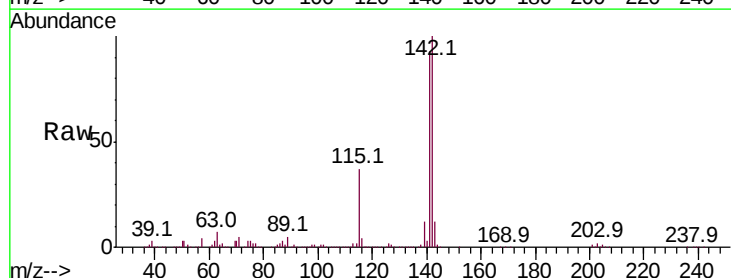
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.386 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	935413		
141	92.9	72.6	108.8	
116	3.9	2.8	4.2	

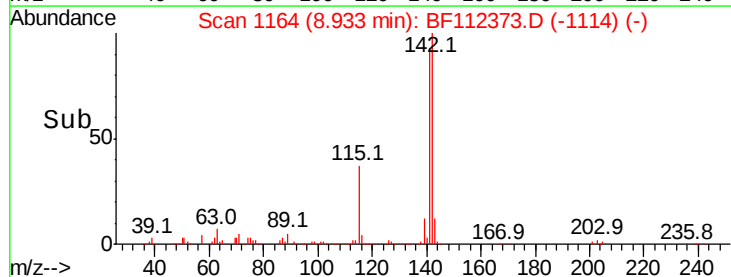
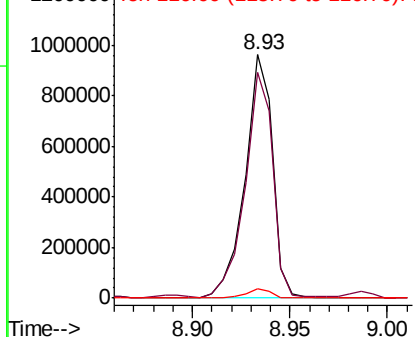


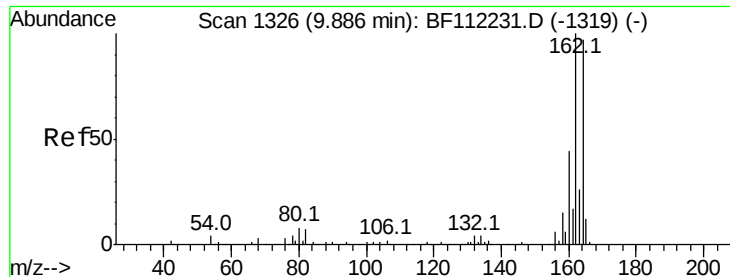
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





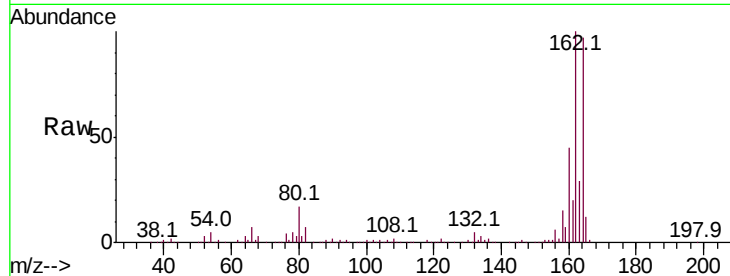
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.2	123.4
160	47.0	36.2	54.4

Manual Integrations
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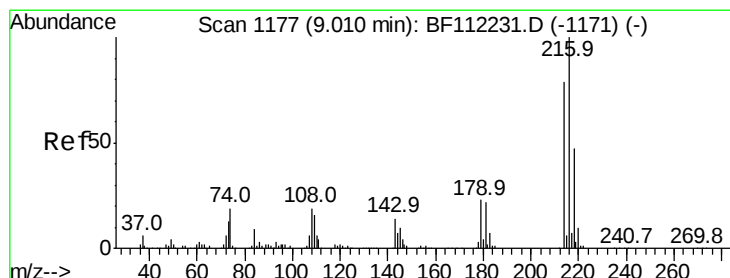
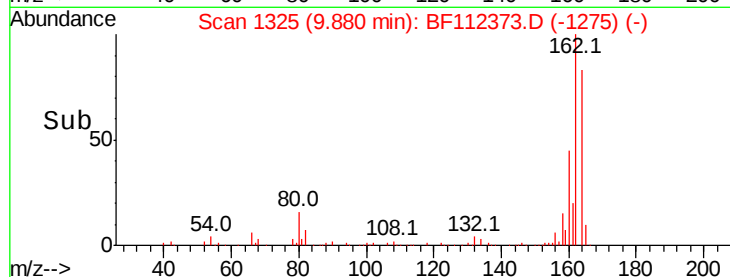
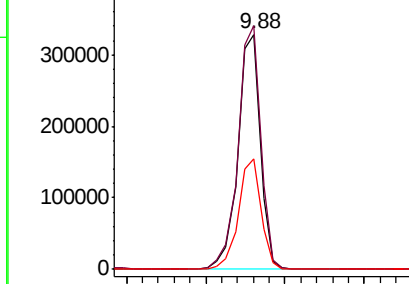


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.588 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.8	95.6
179	21.7	16.9	25.3
108	18.1	14.2	21.4

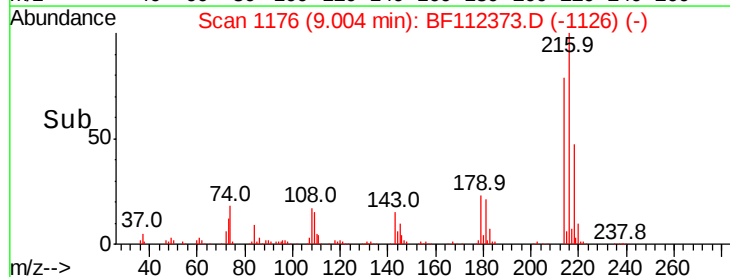
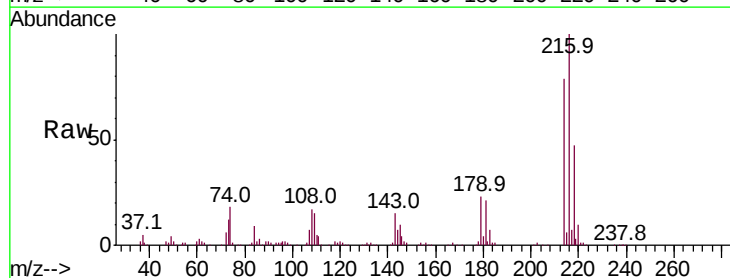
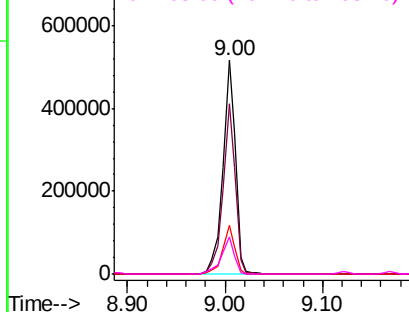
Abundance

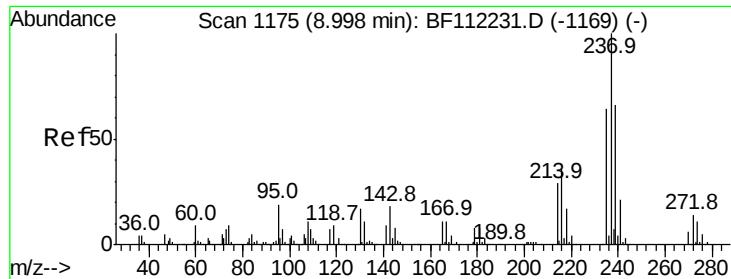
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





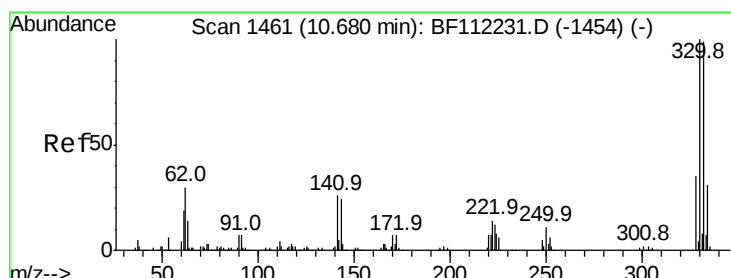
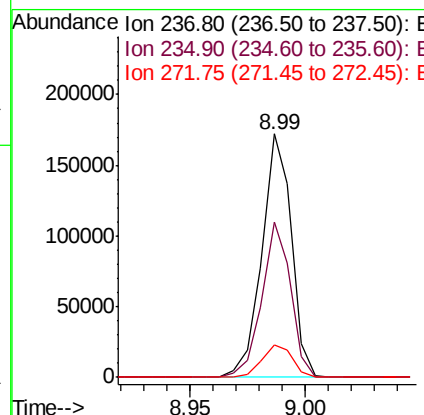
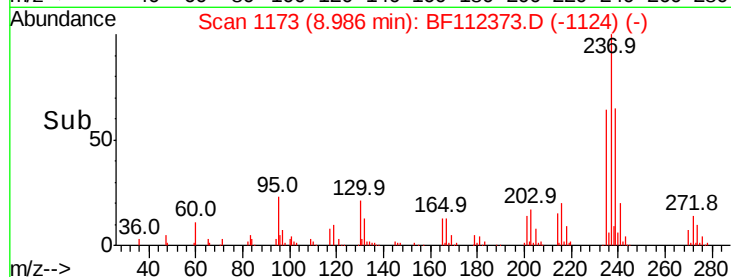
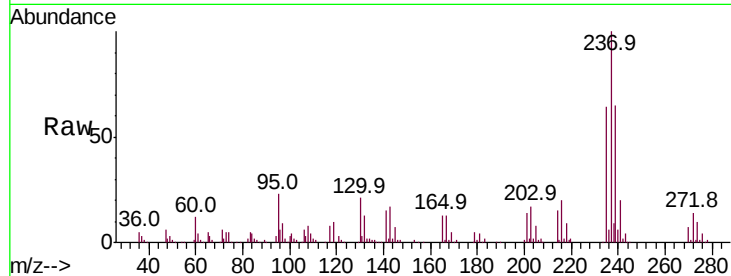
#41
Hexachlorocyclopentadiene
Concen: 43.386 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	153851		
235	63.6	44.0	84.0	
272	13.5	0.0	33.3	

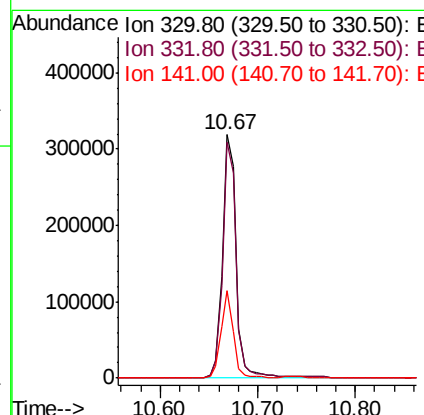
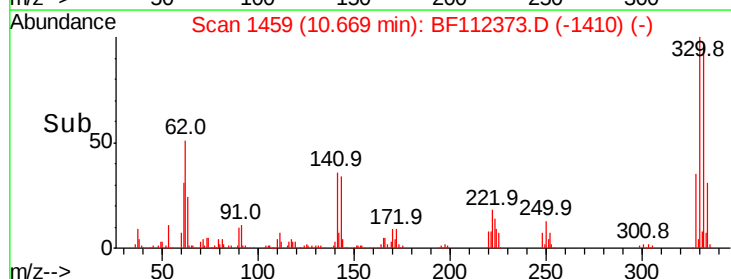
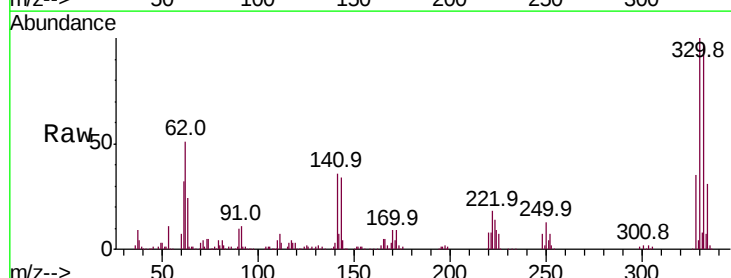
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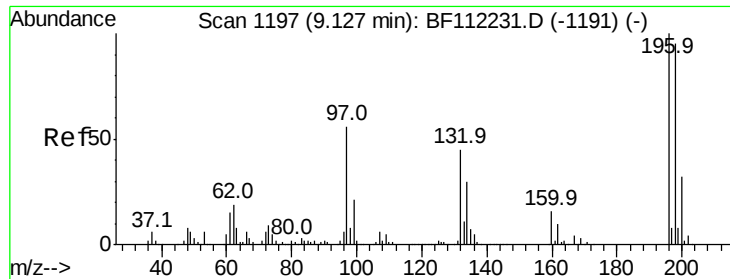
mohammad
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#42
2,4,6-Tribromophenol
Concen: 83.739 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	313423		
332	96.3	76.6	114.8	
141	32.2	24.3	36.5	





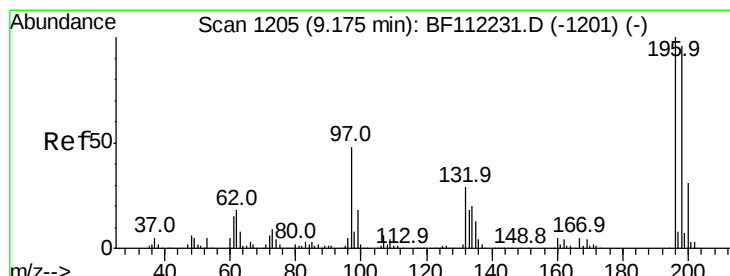
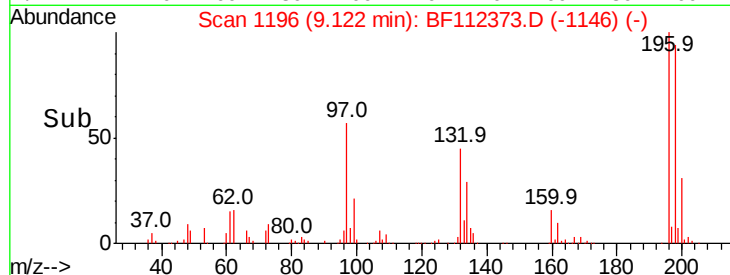
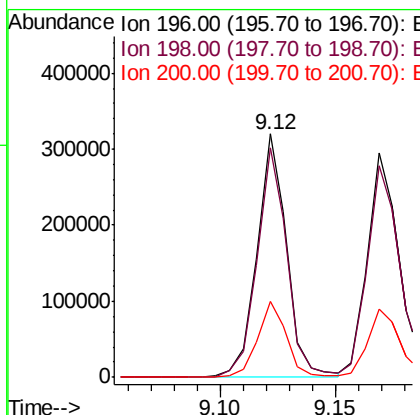
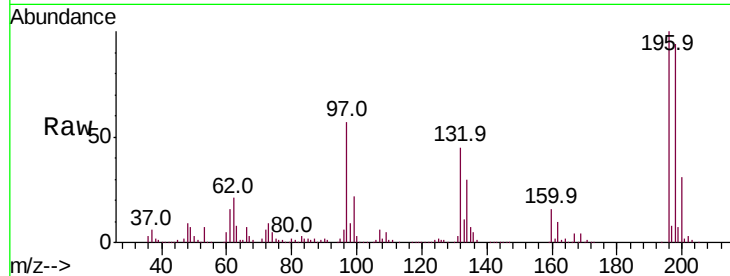
#43
 2,4,6-Trichlorophenol
 Concen: 44.057 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	286724		
198	94.3	76.2	114.4	
200	31.2	24.3	36.5	

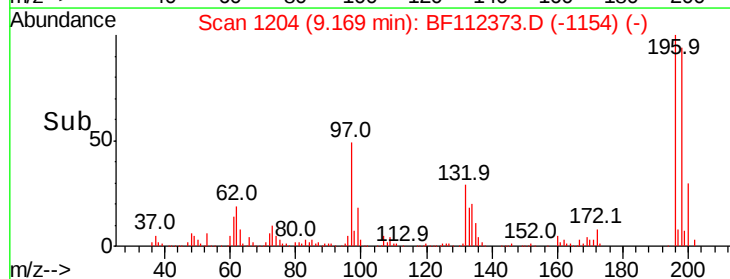
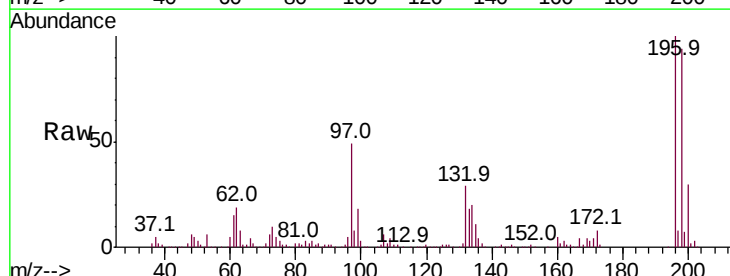
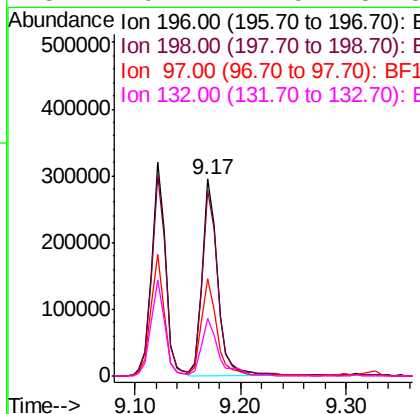
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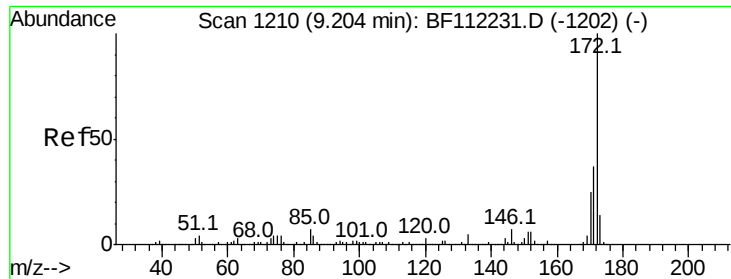
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 43.906 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	298639		
198	94.2	76.0	114.0	
97	49.4	36.4	54.6	
132	29.4	21.5	32.3	





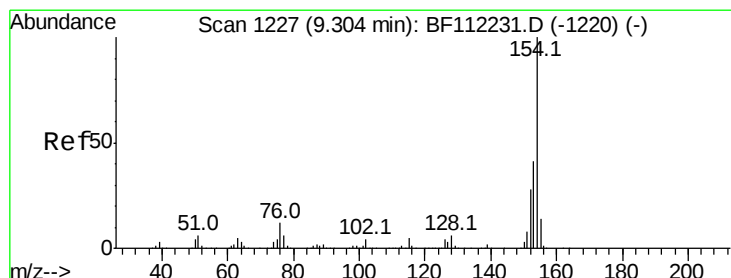
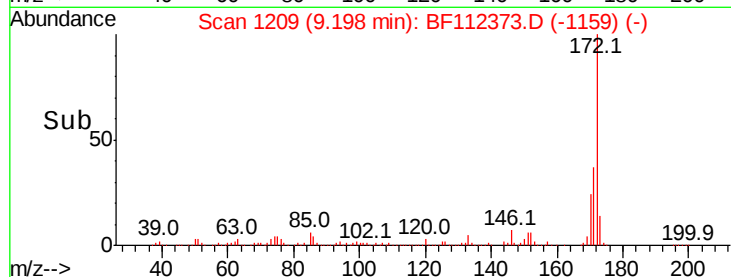
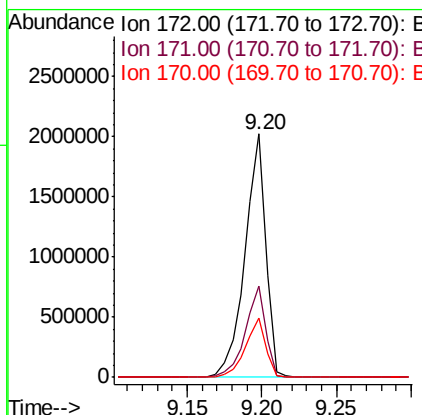
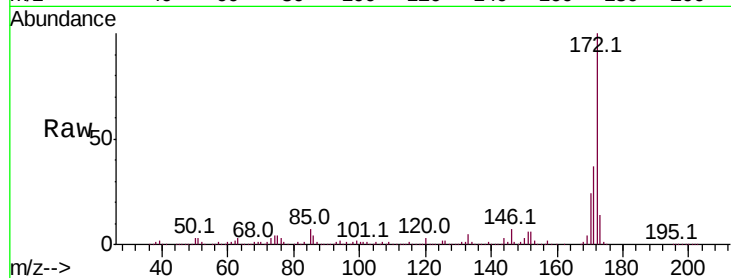
#45
2-Fluorobiphenyl
Concen: 86.180 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion:172 Resp: 1959363
Ion Ratio Lower Upper
172 100
171 37.4 30.5 45.7
170 24.4 20.2 30.4

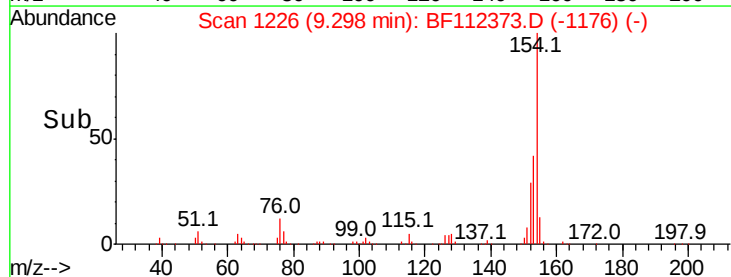
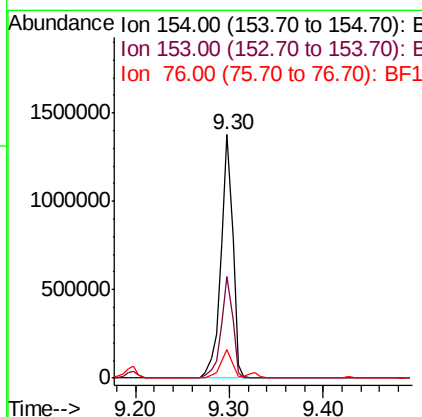
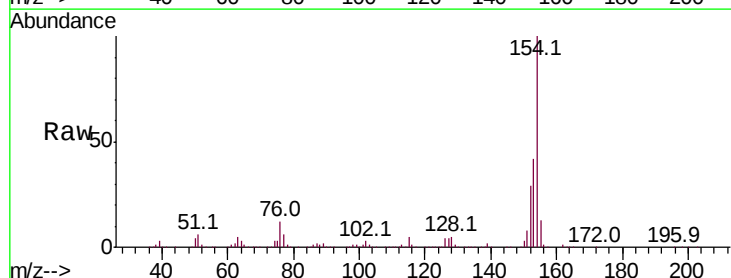
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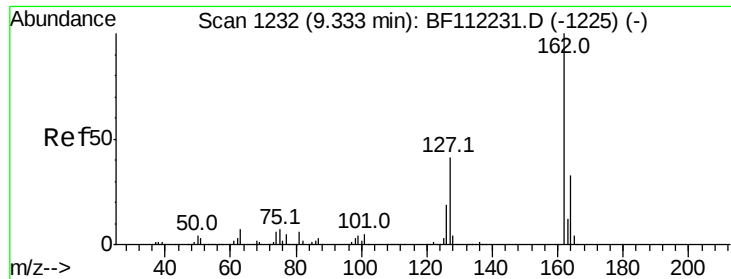
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#46
1,1'-Biphenyl
Concen: 43.102 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion:154 Resp: 1211685
Ion Ratio Lower Upper
154 100
153 42.0 21.5 61.5
76 11.8 0.0 33.1





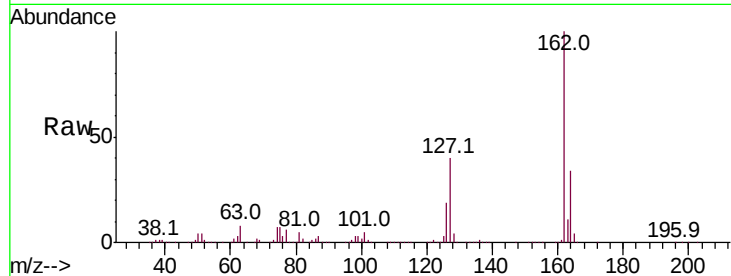
#47
2-Chloronaphthalene
Concen: 42.302 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

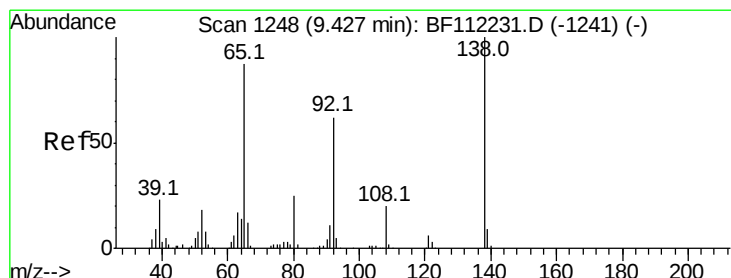
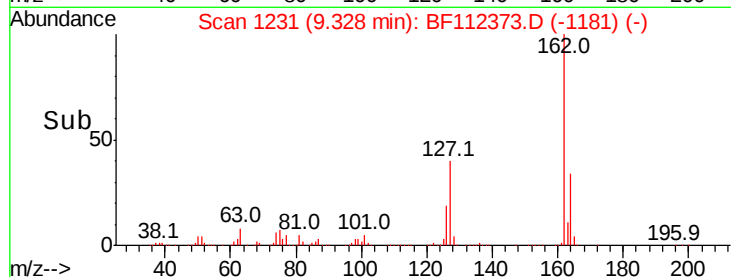
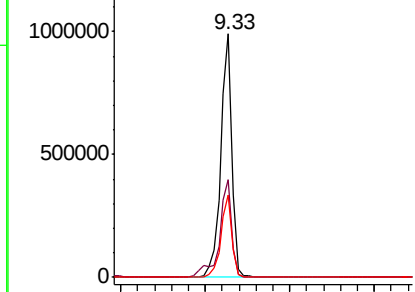
Tot Ion	Ratio	Resp	Lower	Upper
162	100	922188		
127	40.1		30.4	45.6
164	33.6		27.4	41.2

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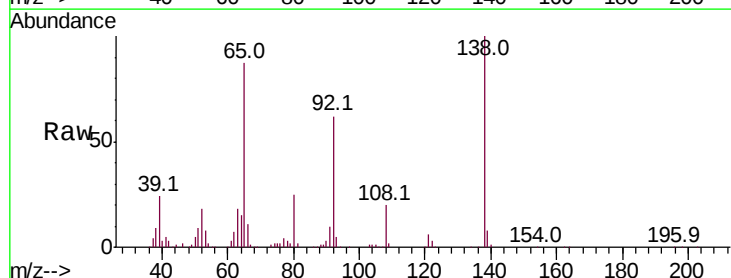


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

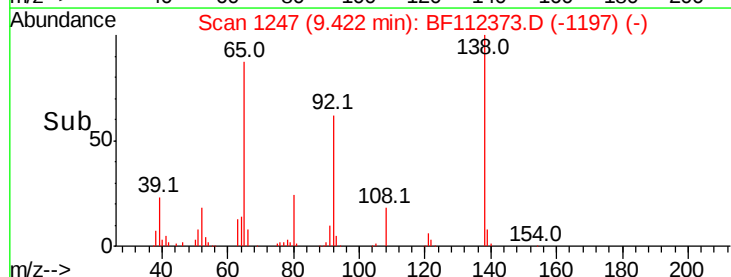
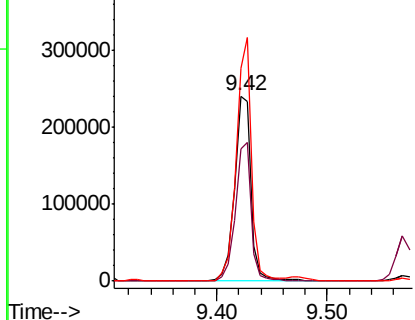


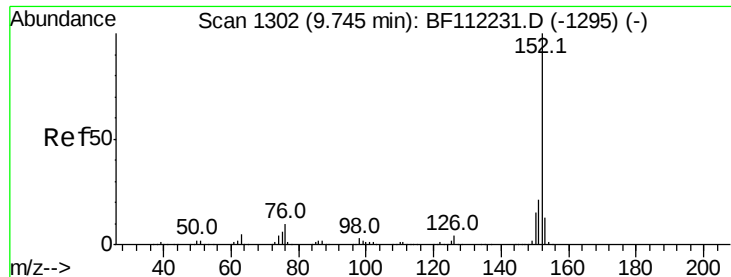
#48
2-Nitroaniline
Concen: 42.374 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	251776		
92	71.1		60.4	90.6
138	114.6		104.4	156.6



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





#49

Acenaphthylene

Concen: 45.252 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

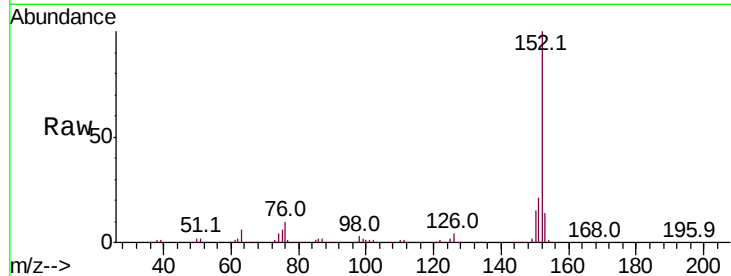
ClientSampleId :

PB116745BS

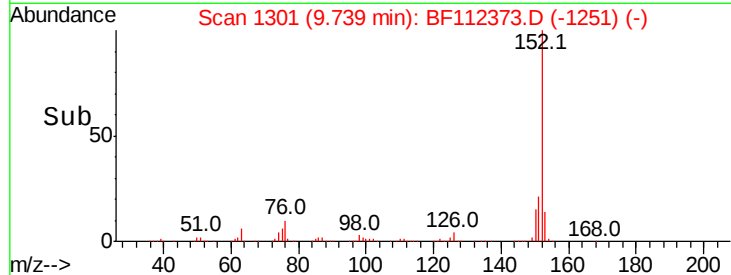
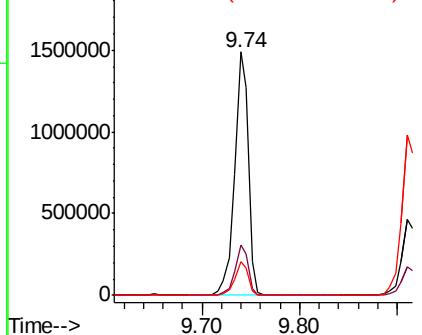
Tot Ion:	152	Resp:	1445907
Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.0	25.6
153	13.6	11.2	16.8

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Abundance Ion 152.00 (151.70 to 152.70): E
2000000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.571 ng

RT: 9.60 min Scan# 1277

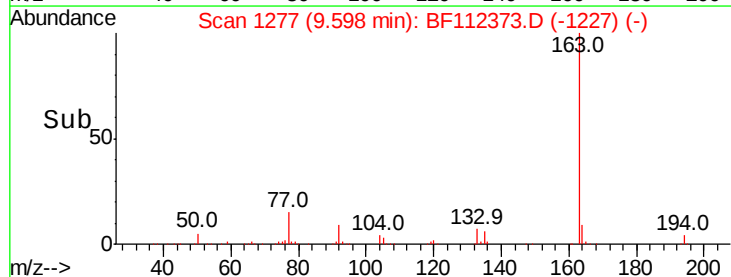
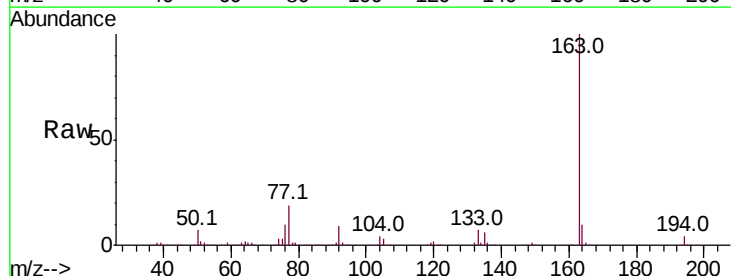
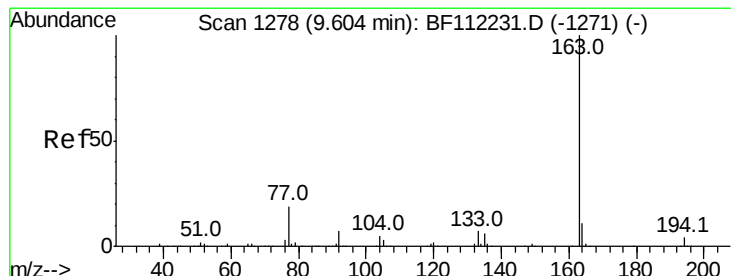
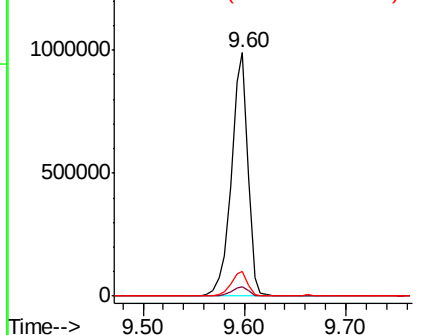
Delta R.T. -0.01 min

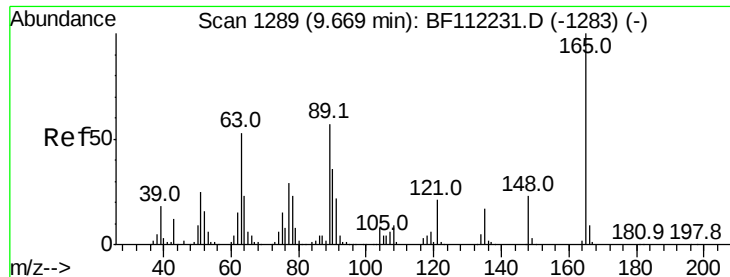
Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Tgt Ion:	163	Resp:	1113551
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.2	8.5	12.7

Abundance Ion 163.00 (162.70 to 163.70): E
1000000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.267 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

Tot Ion:165 Resp: 247690

Ion Ratio Lower Upper

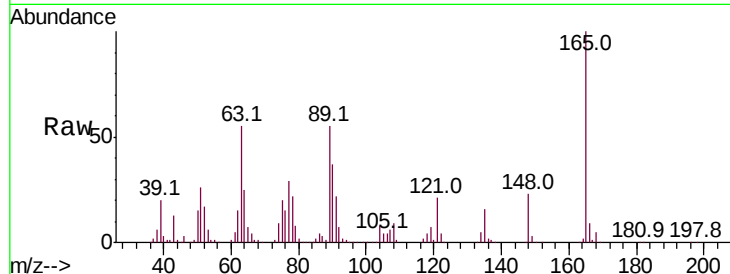
165 100

63 54.7 33.8 50.8#

89 55.1 36.9 55.3

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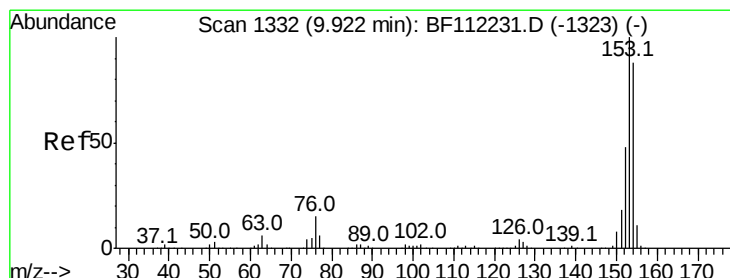
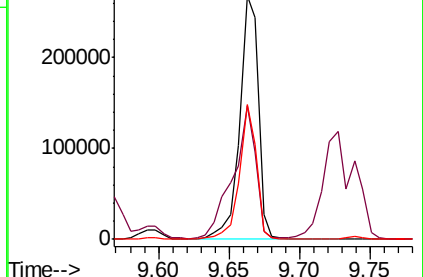
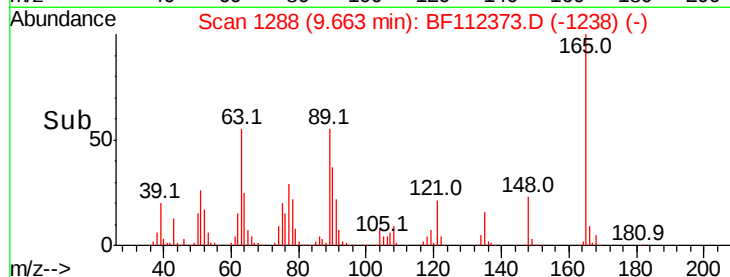
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 43.465 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

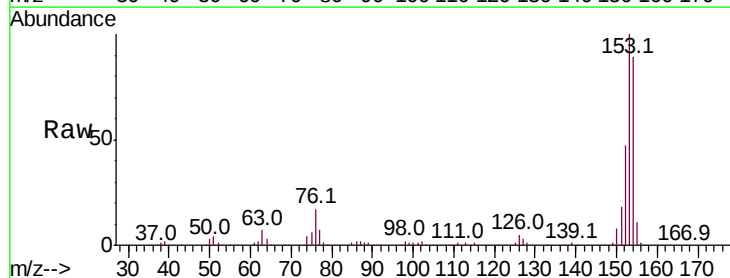
Tgt Ion:154 Resp: 829637

Ion Ratio Lower Upper

154 100

153 112.5 89.8 134.6

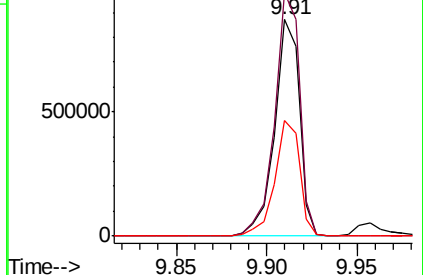
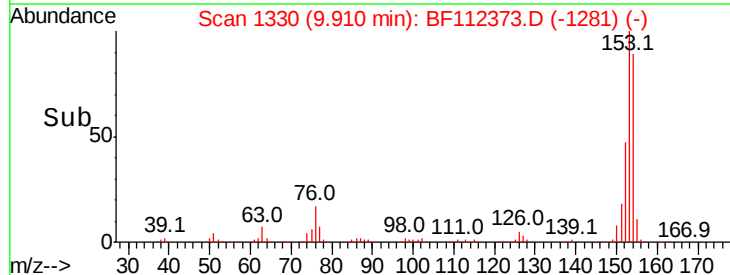
152 53.3 43.5 65.3

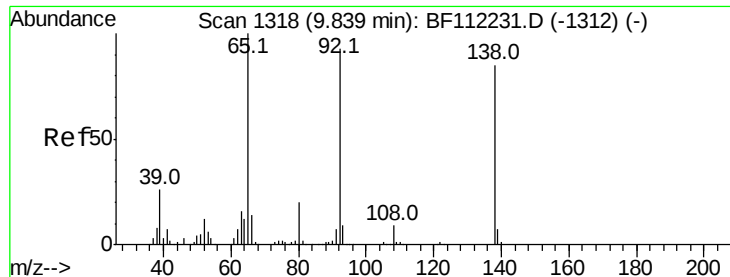


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





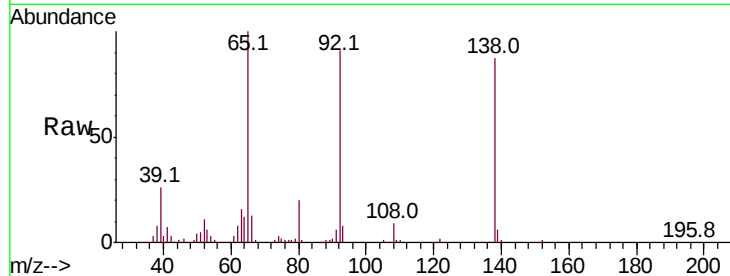
#53
3-Nitroaniline
Concen: 15.693 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.8	14.6
92	104.6	79.4	119.2

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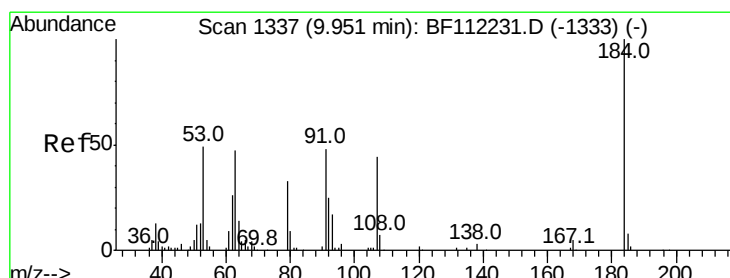
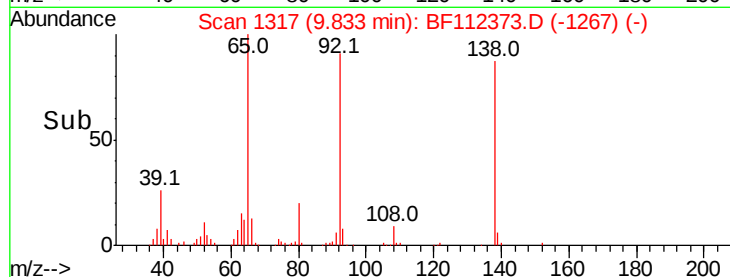
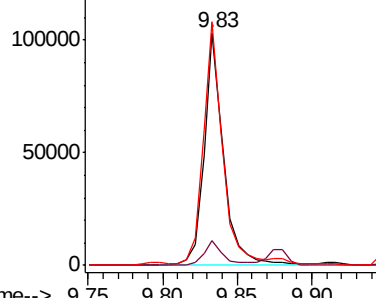


Abundance

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: 53.726 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

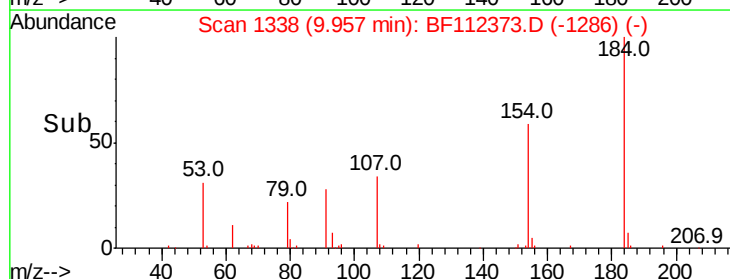
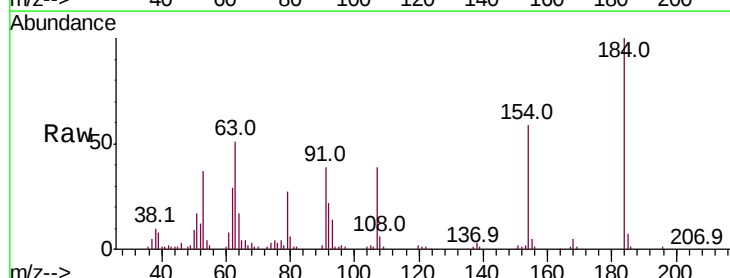
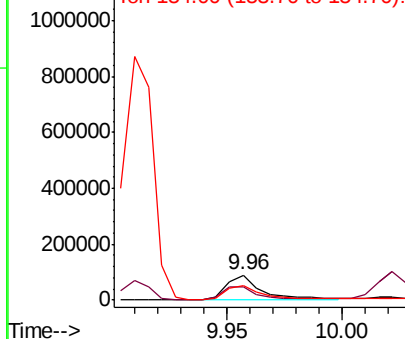
Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.8	47.1	70.7
154	59.5	48.9	73.3

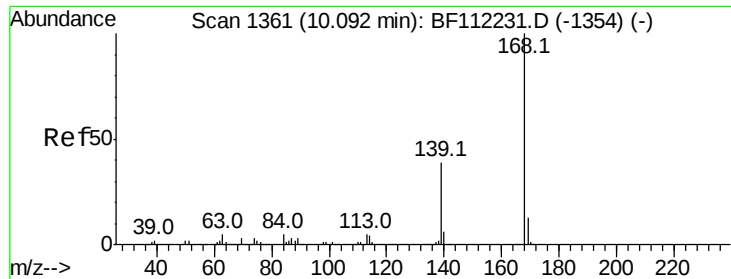
Abundance

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





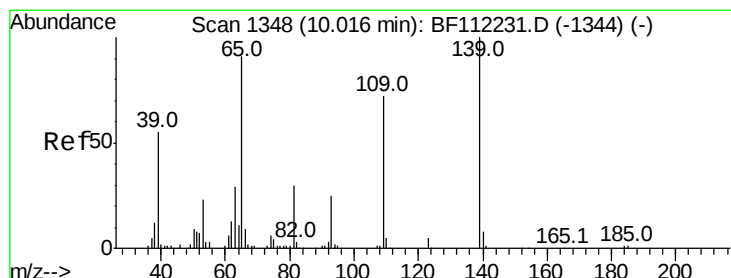
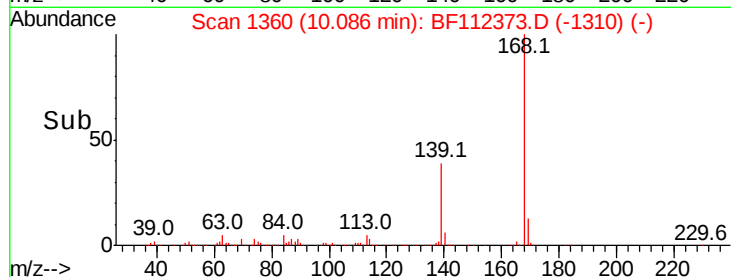
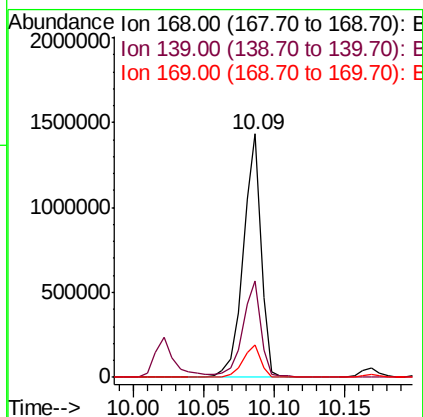
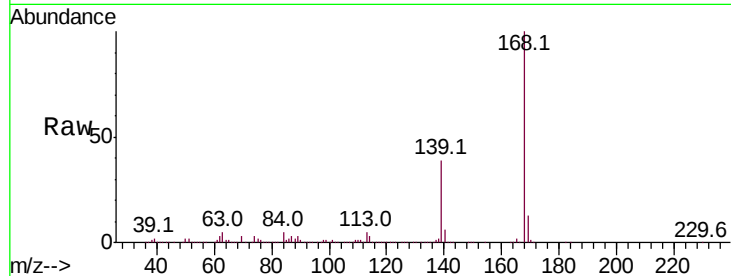
#55
Dibenzofuran
Concen: 42.965 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	29.2	43.8
169	13.4	11.4	17.0

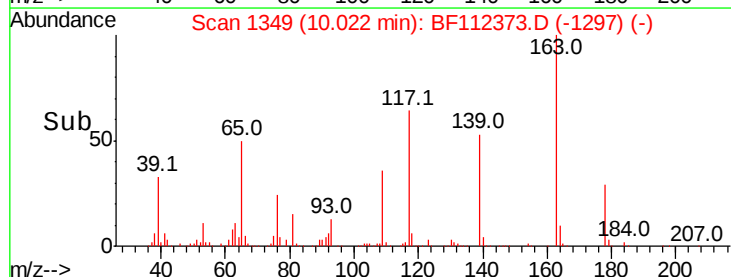
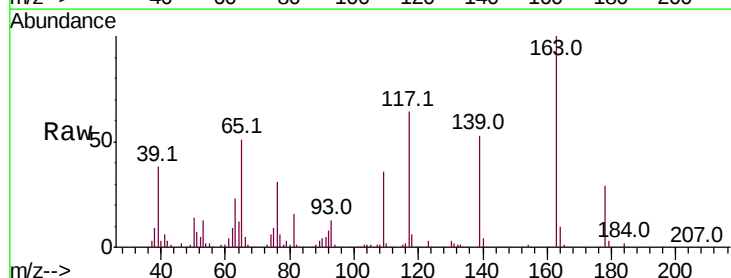
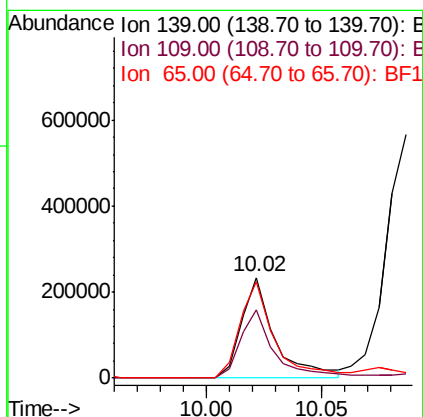
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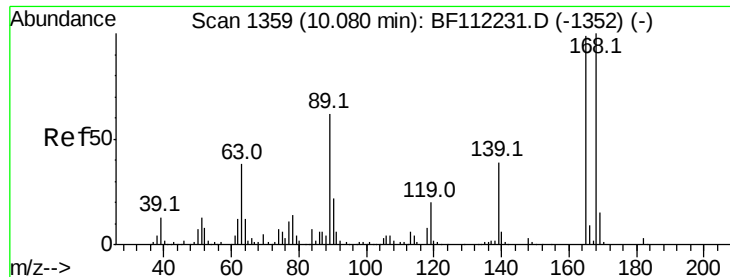
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#56
4-Nitrophenol
Concen: 73.815 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.0	42.8	82.8
65	95.2	66.1	106.1





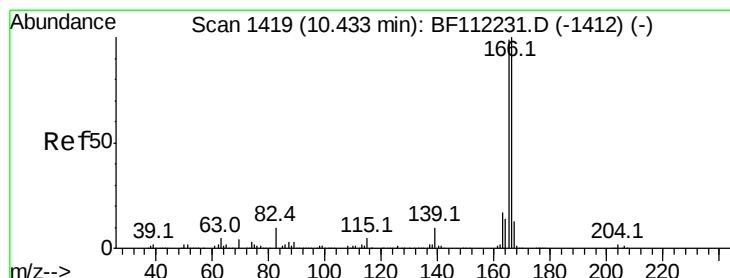
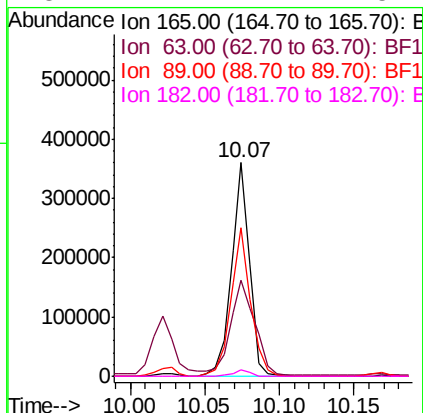
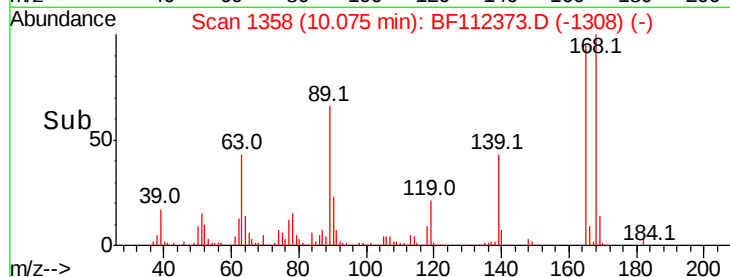
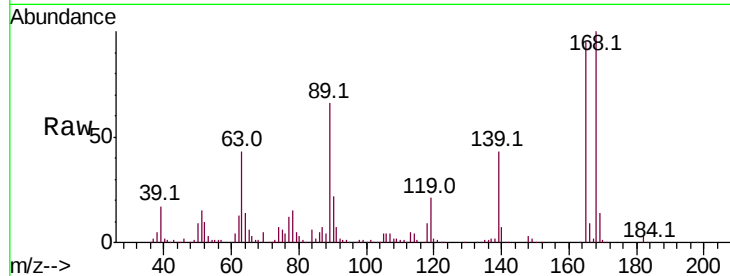
#57
2,4-Dinitrotoluene
Concen: 43.210 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampled :
PB116745BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	45.2	27.9	41.9#
89	69.7	47.9	71.9
182	2.7	2.2	3.4

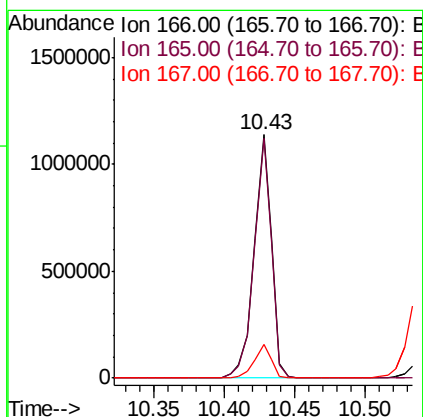
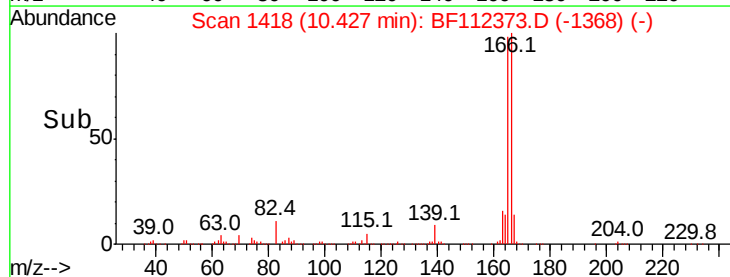
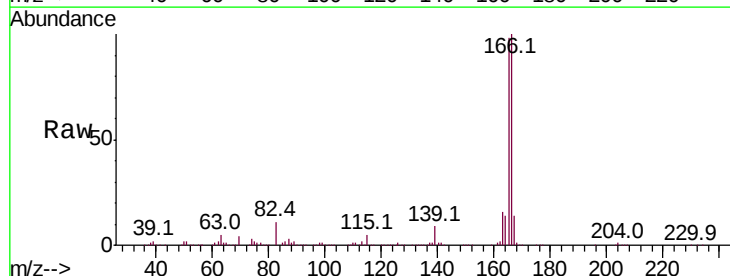
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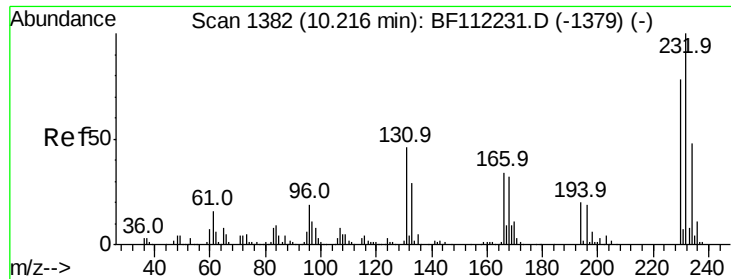
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#58
Fluorene
Concen: 45.428 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.3	77.1	115.7
167	13.7	11.3	16.9





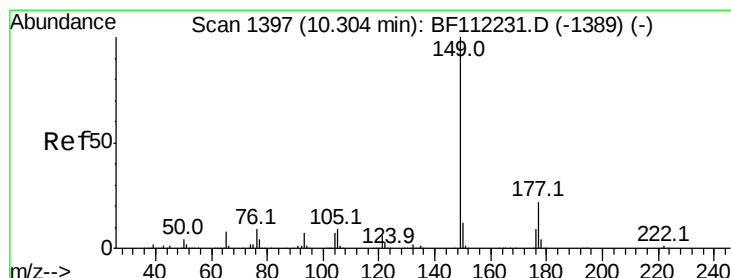
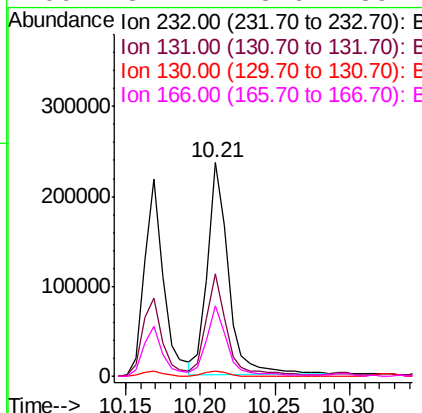
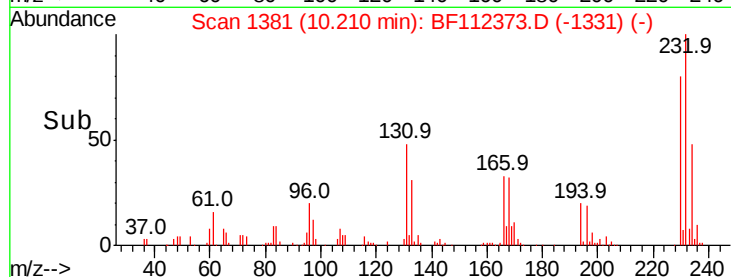
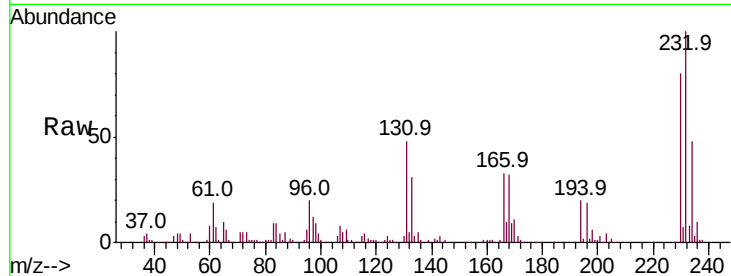
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.965 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	231126		
131	45.2		33.9	50.9
130	2.7		1.8	2.6
166	31.4		23.6	35.4

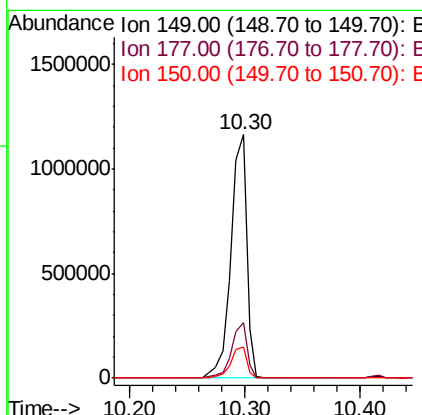
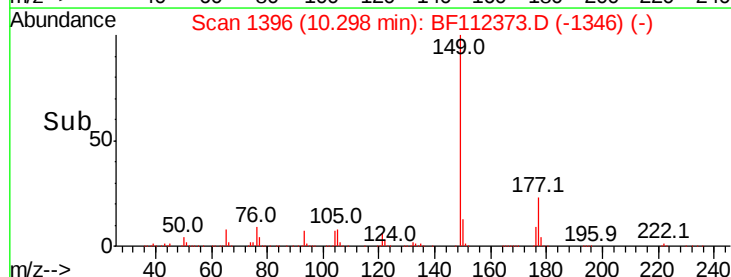
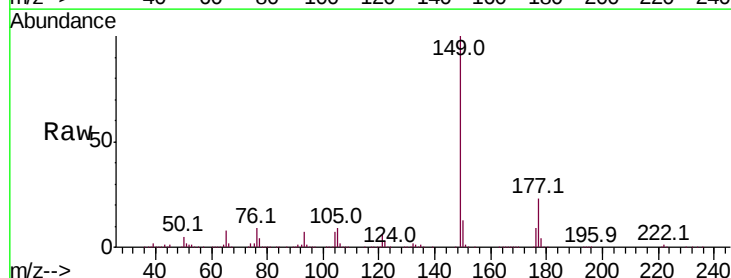
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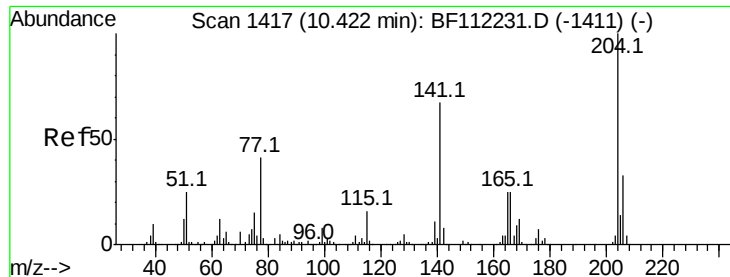
mohammad
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#60
 Diethylphthalate
 Concen: 44.753 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1109568		
177	22.9		18.2	27.2
150	12.6		10.4	15.6





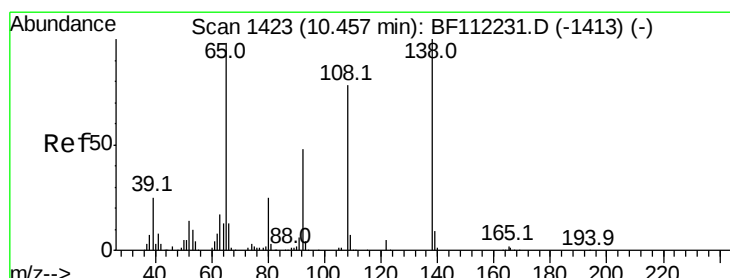
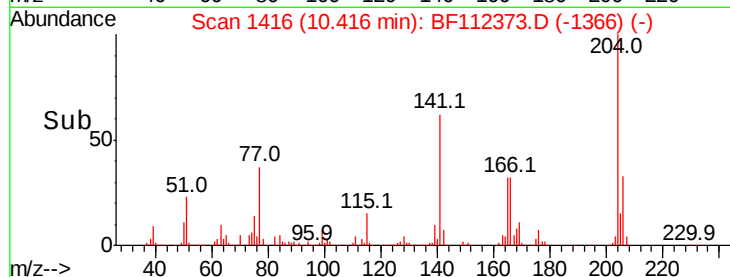
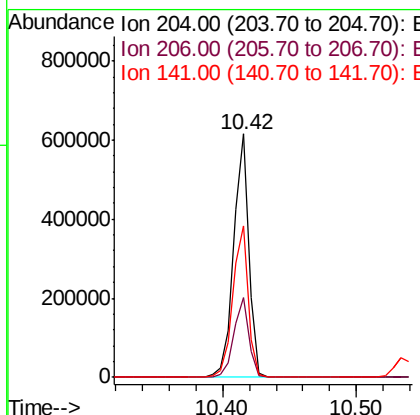
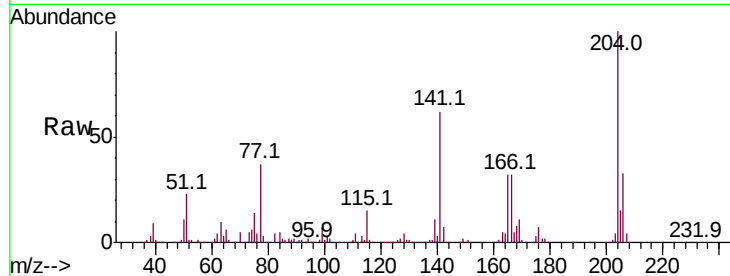
#61
 4-Chlorophenyl-phenylether
 Concen: 41.963 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	62.1	45.9	68.9

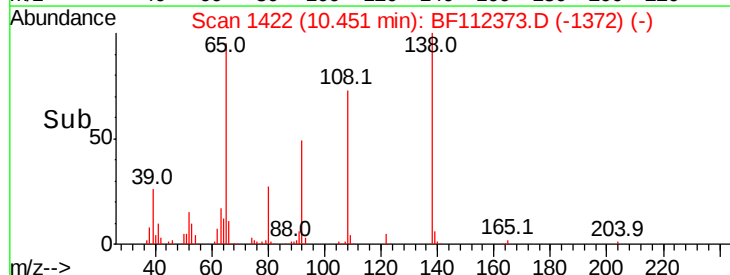
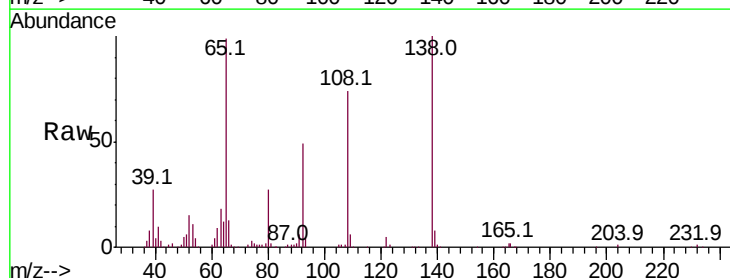
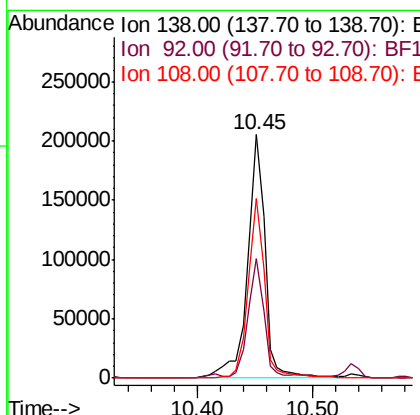
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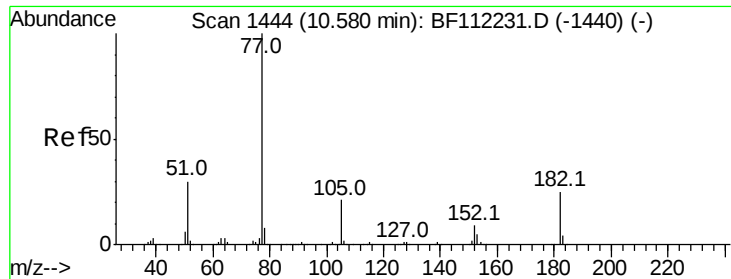
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#62
 4-Nitroaniline
 Concen: 36.669 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	30.6	70.6
108	74.0	50.0	90.0





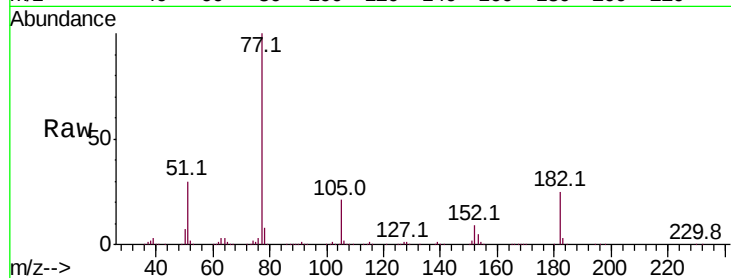
#63
Azobenzene
Concen: 42.811 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

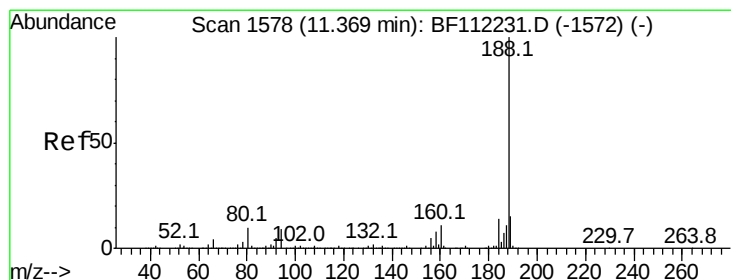
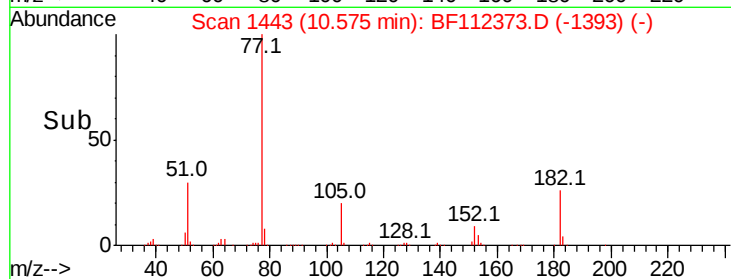
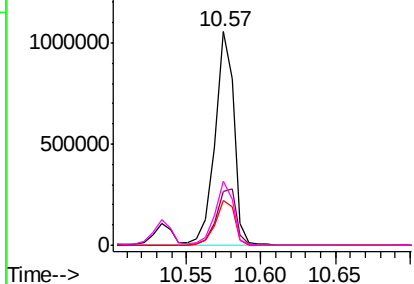
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.4	5.7	45.7
105	20.8	1.4	41.4
51	29.8	9.5	49.5

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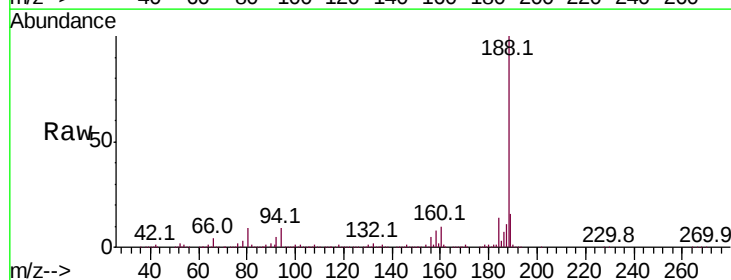


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

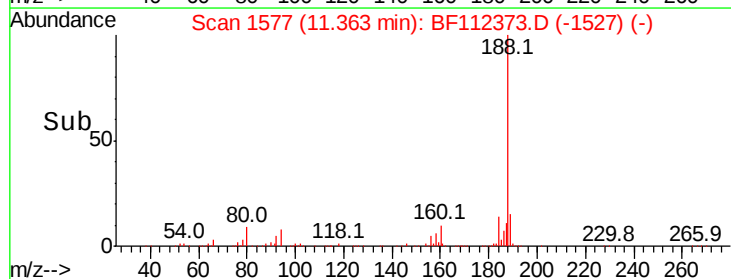
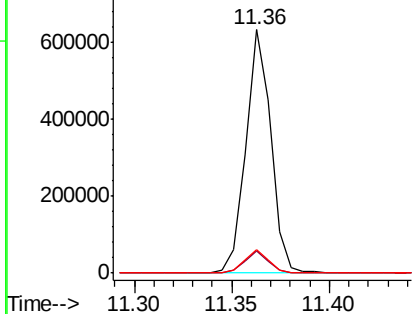


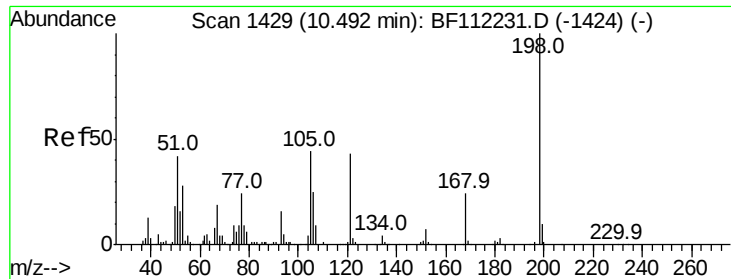
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.2	12.2
80	9.4	8.9	13.3



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





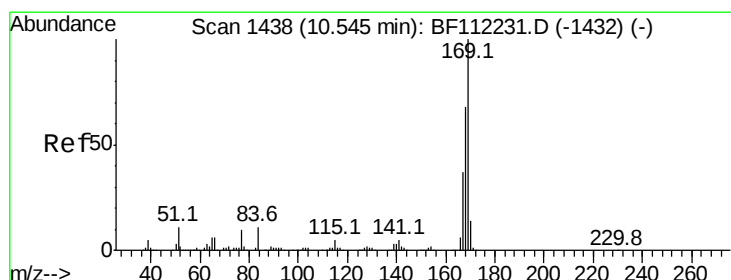
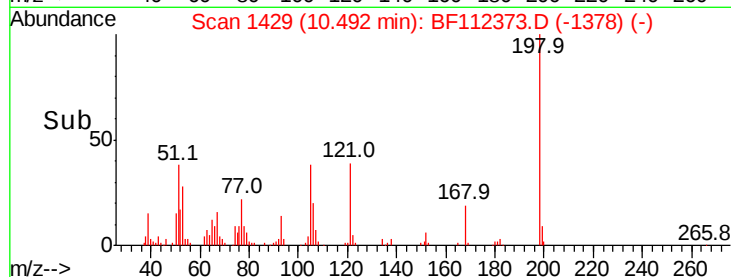
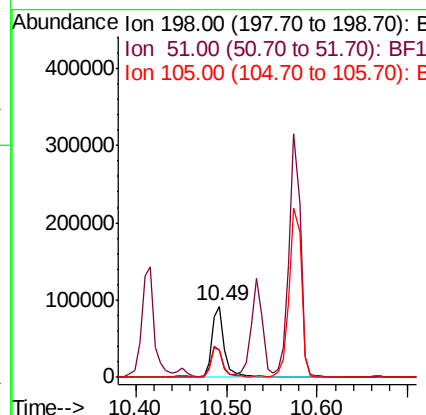
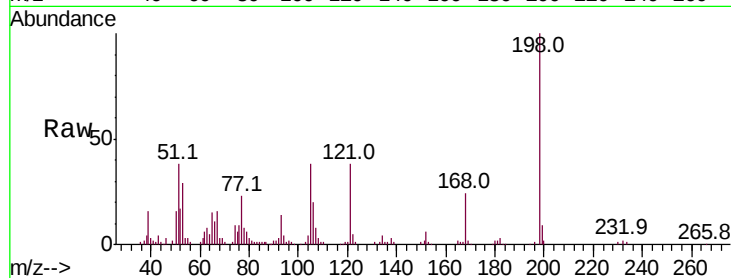
#65
 4,6-Dinitro-2-methylphenol
 Concen: 29.324 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.7	17.2	57.2
105	37.8	21.9	61.9

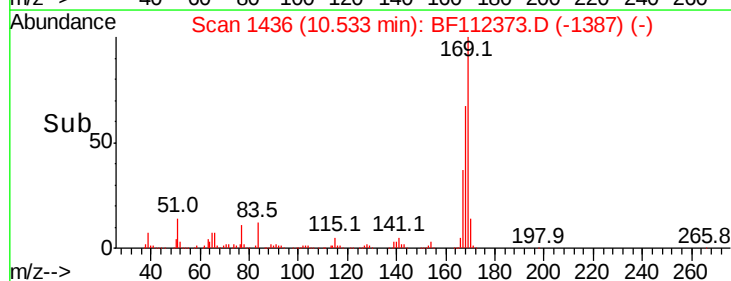
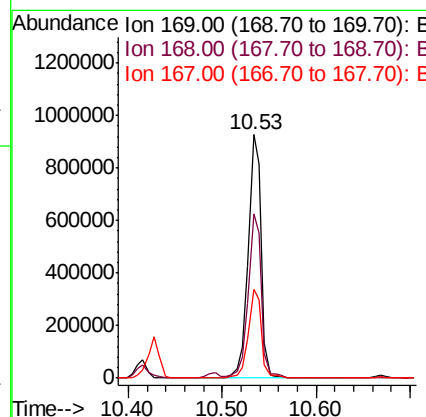
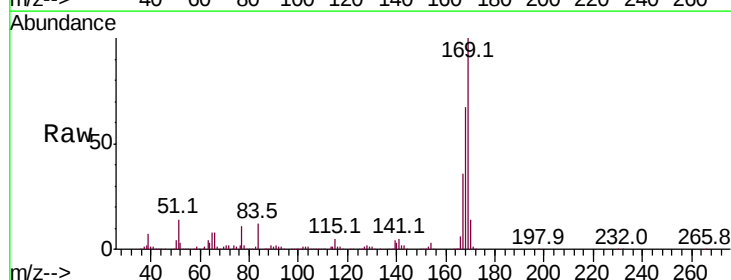
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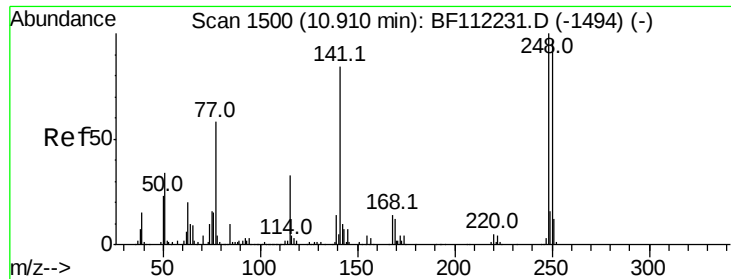
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#66
 n-Nitrosodiphenylamine
 Concen: 46.801 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.9	80.9
167	36.5	28.9	43.3





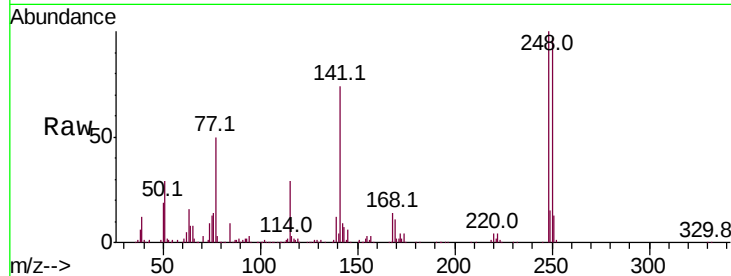
#67
4-Bromophenyl-phenylether
Concen: 45.841 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	79.7	119.5
141	74.4	60.3	90.5

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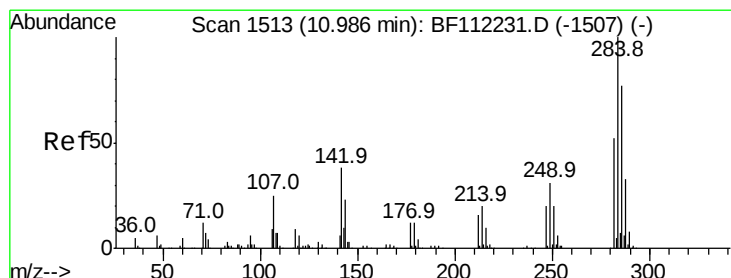
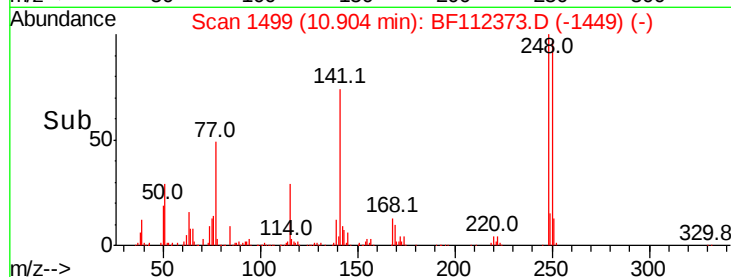
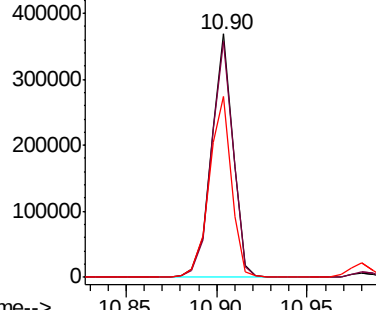


Abundance

Ion 248.00 (247.70 to 248.70): E

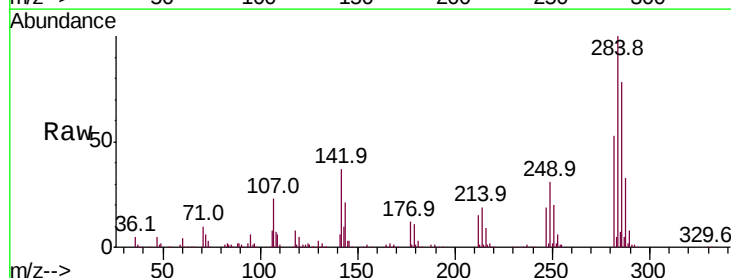
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.187 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.5	27.6	41.4
249	31.3	24.1	36.1

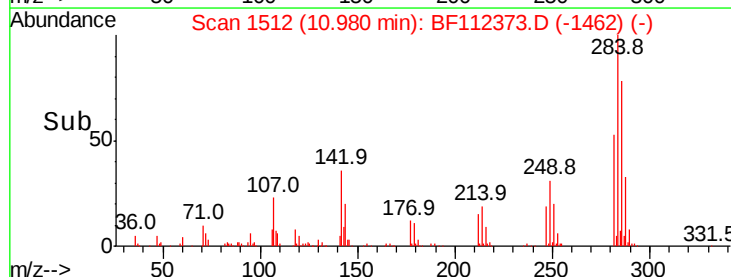
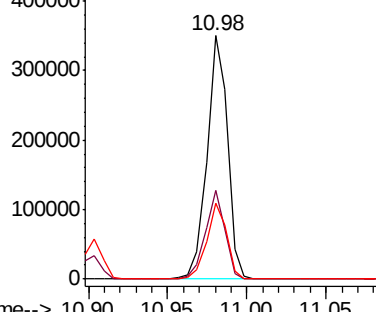


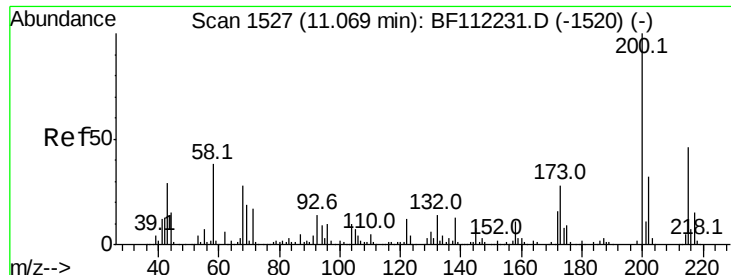
Abundance

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





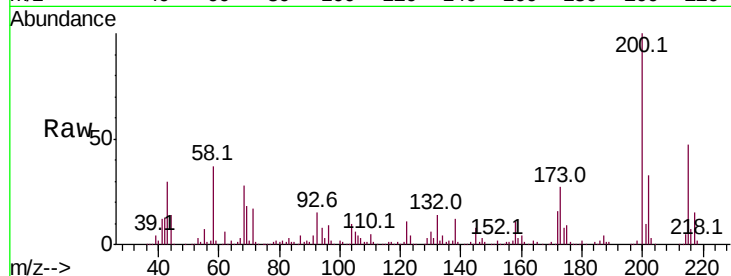
#69
Atrazine
Concen: 48.876 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

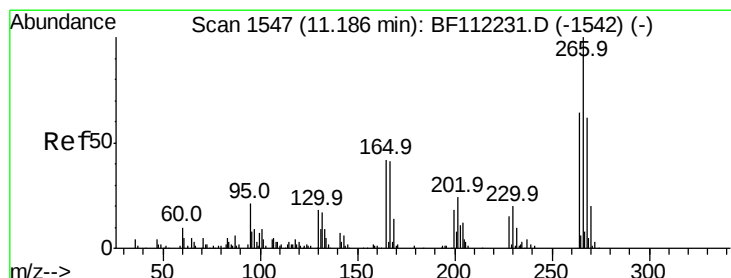
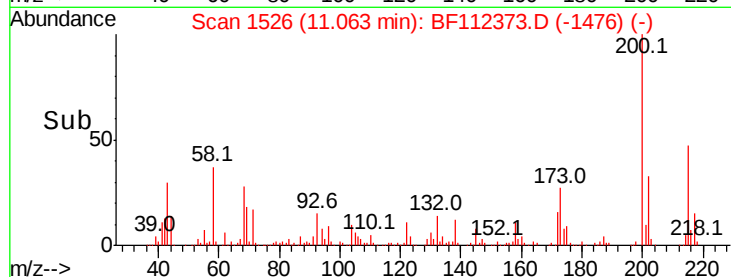
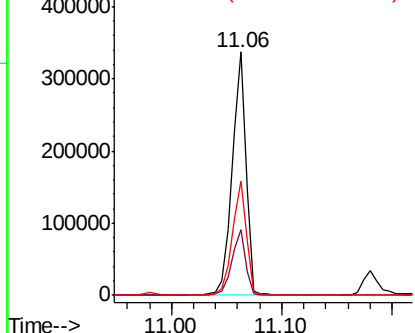
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.8	7.1	47.1
215	46.9	30.4	70.4

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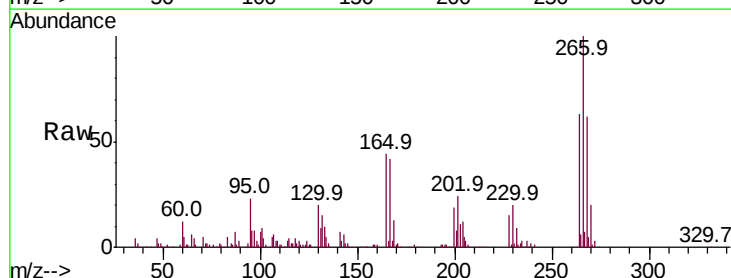


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

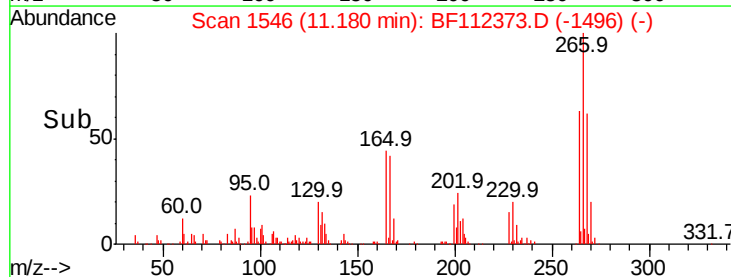
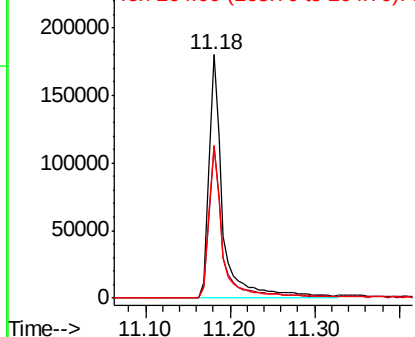


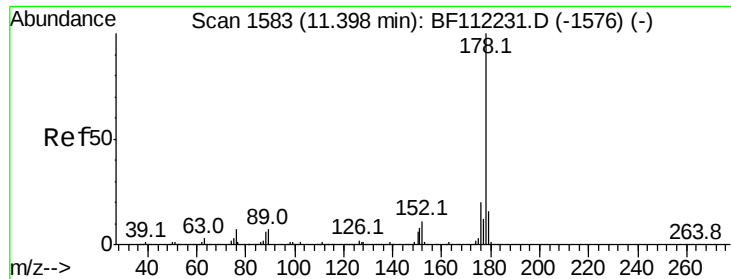
#70
Pentachlorophenol
Concen: 76.263 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.3	51.2	76.8
264	62.6	50.9	76.3



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





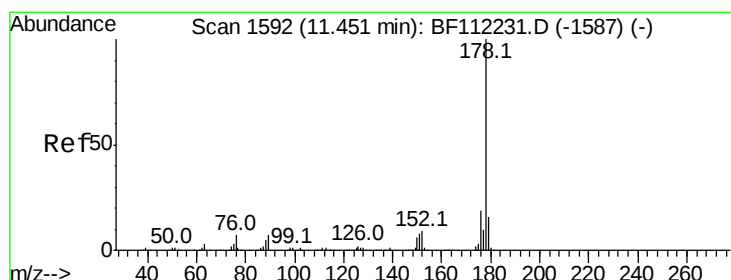
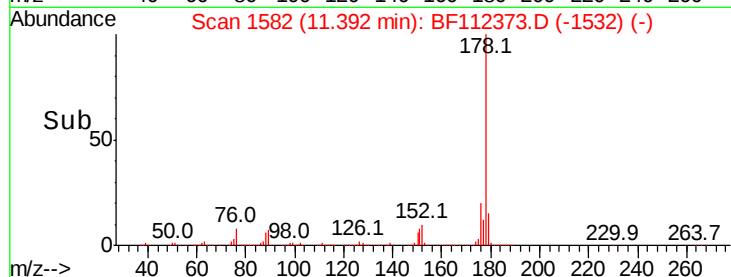
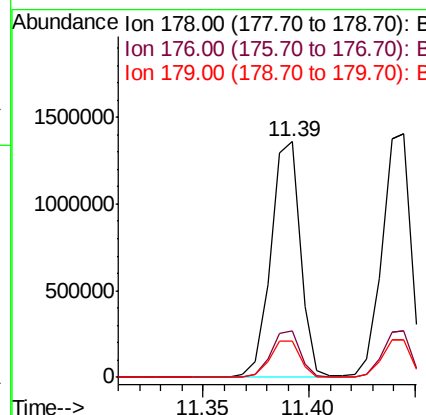
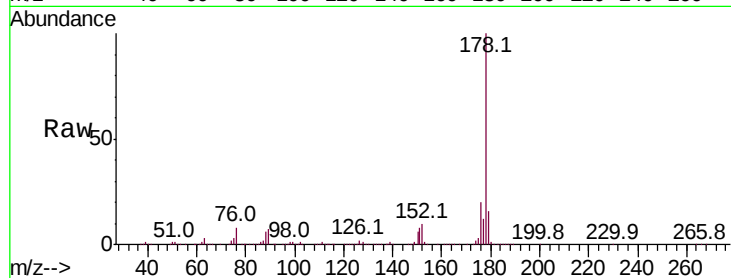
#71
Phenanthrene
Concen: 45.411 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.3	24.5
179	15.6	13.0	19.4

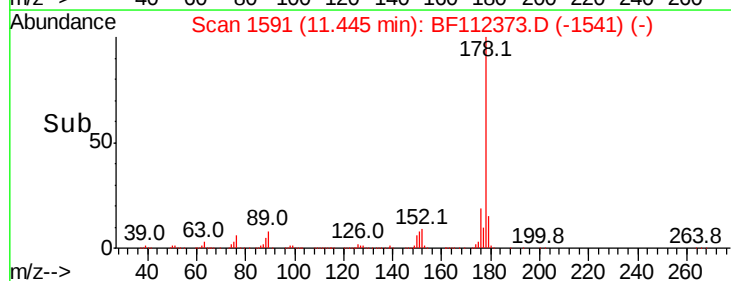
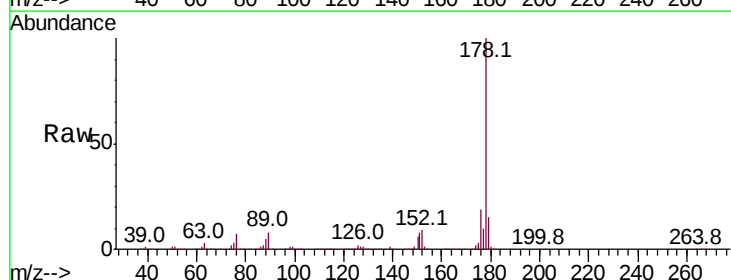
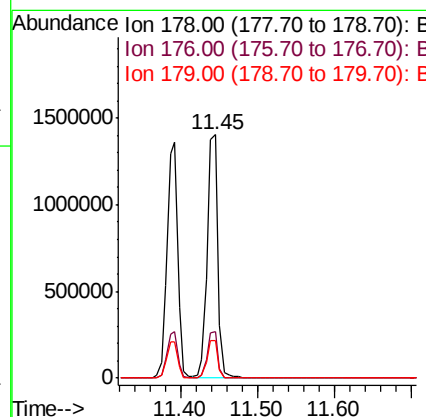
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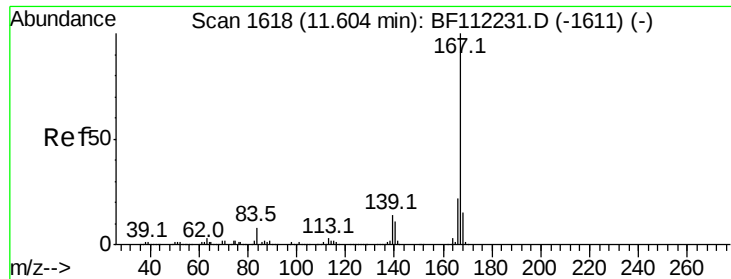
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#72
Anthracene
Concen: 46.858 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.5	12.8	19.2





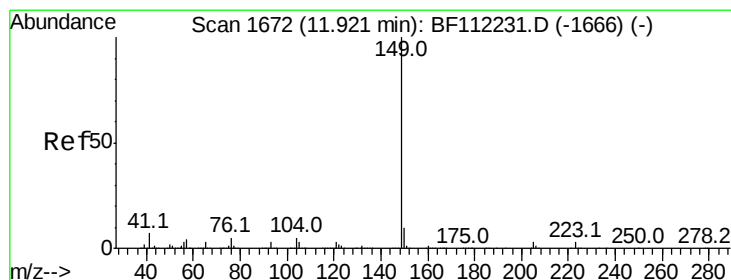
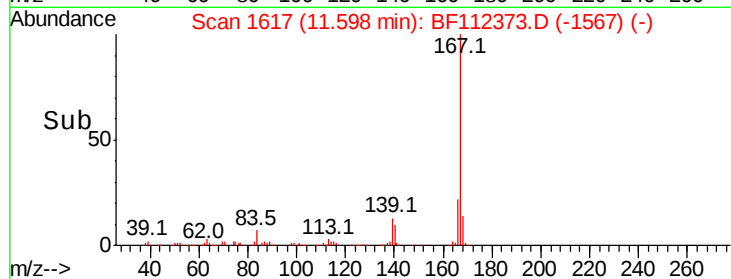
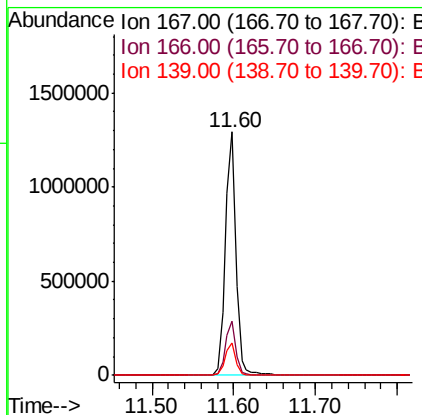
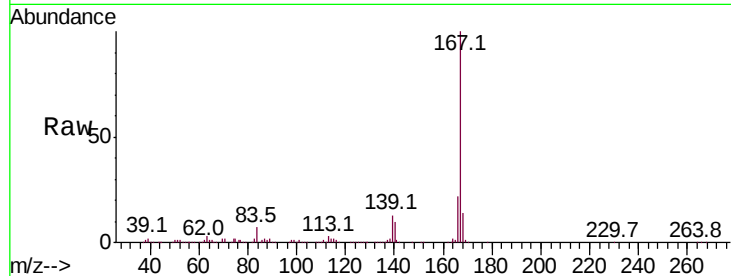
#73
 Carbazole
 Concen: 40.458 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.9	26.9
139	13.3	10.2	15.2

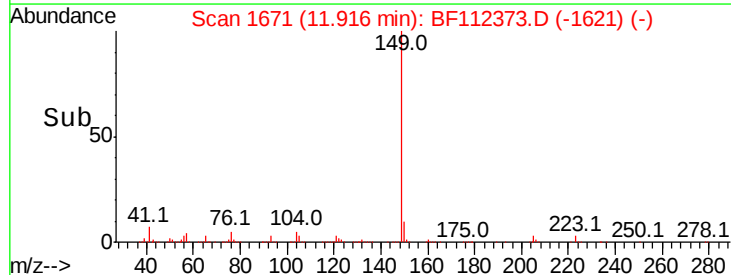
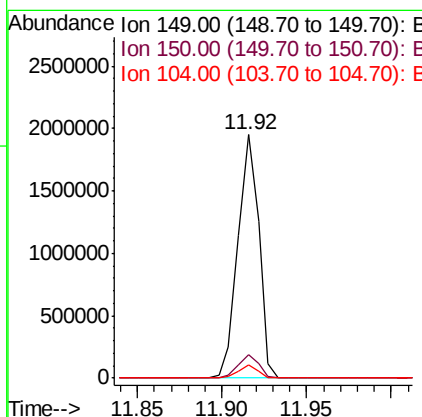
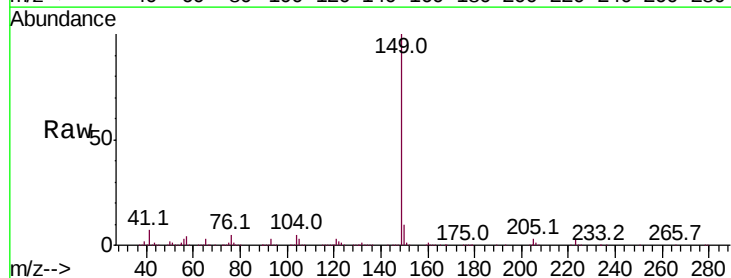
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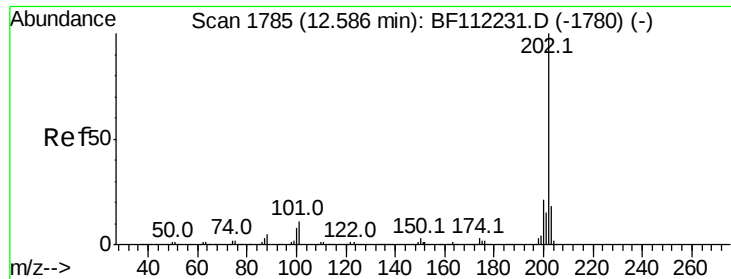
mohammad
 2/5/2019 8:42:34 AM



#74
 Di-n-butylphthalate
 Concen: 46.999 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

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





#75

Fluoranthene

Concen: 38.760 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

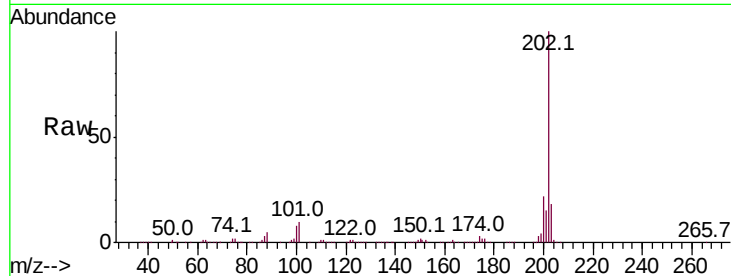
ClientSampleId :

PB116745BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.8
203	17.8	0.0	38.4

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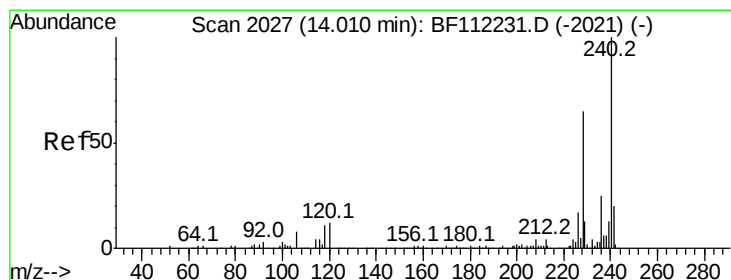
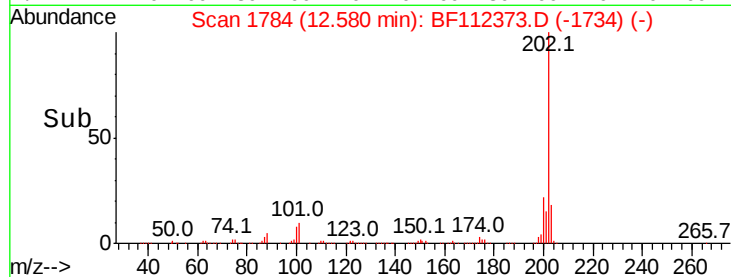
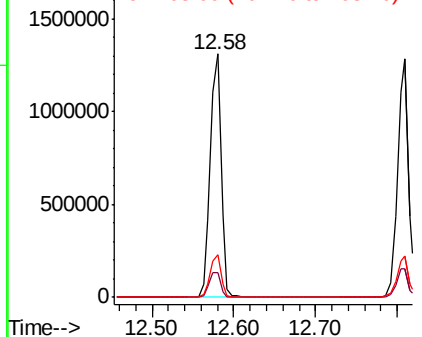


Abundance

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: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

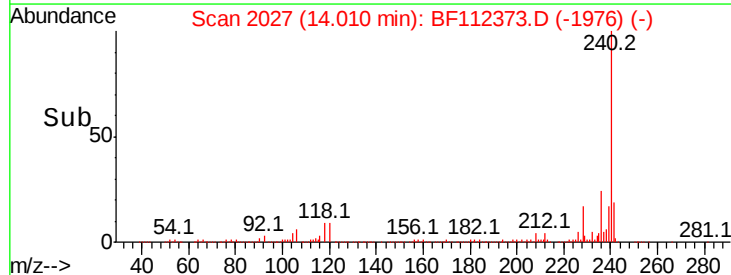
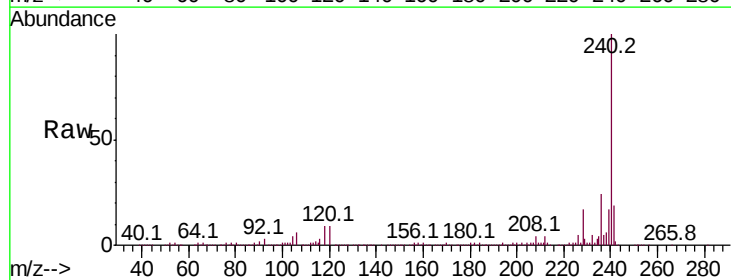
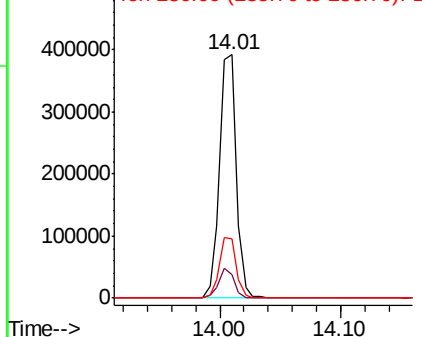
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.0	13.6
236	24.4	20.7	31.1

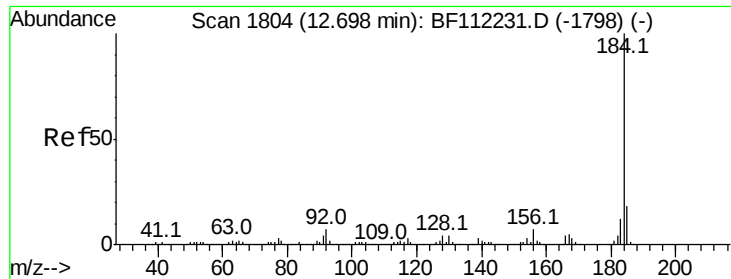
Abundance

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





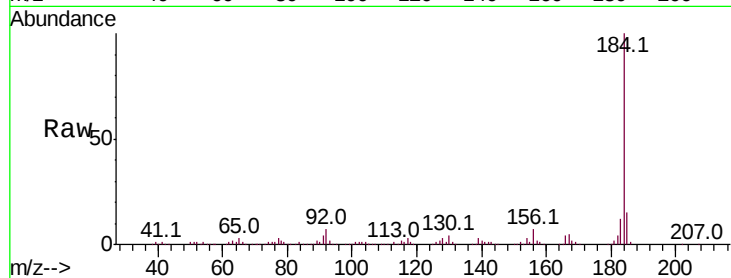
#77
Benzidine
Concen: 37.027 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

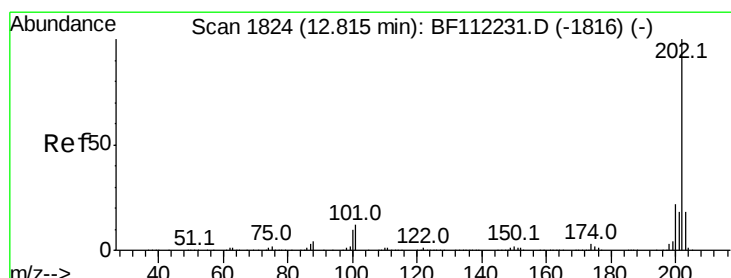
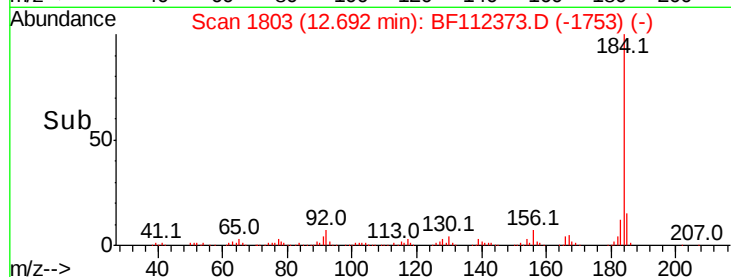
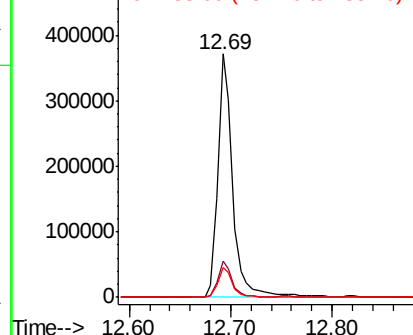
Tot Ion	Ratio	Lower	Upper
184	100		
185	14.8	13.9	20.9
183	12.2	10.0	15.0

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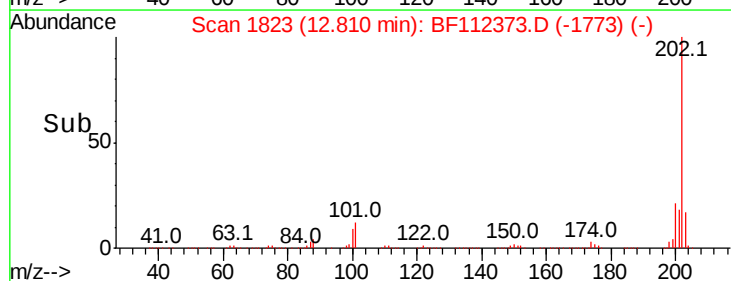
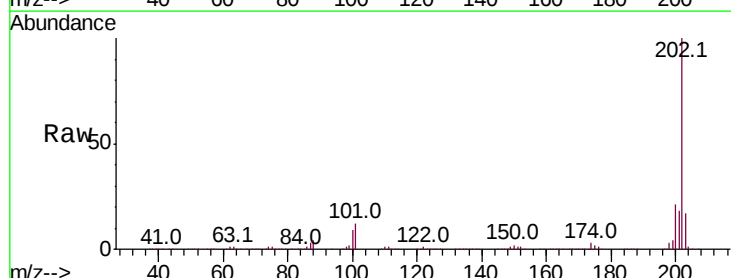
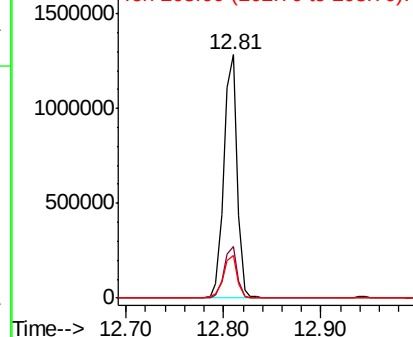
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

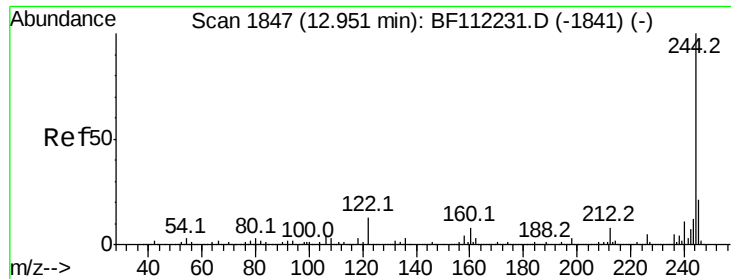


#78
Pyrene
Concen: 46.639 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.7	26.5
203	17.3	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





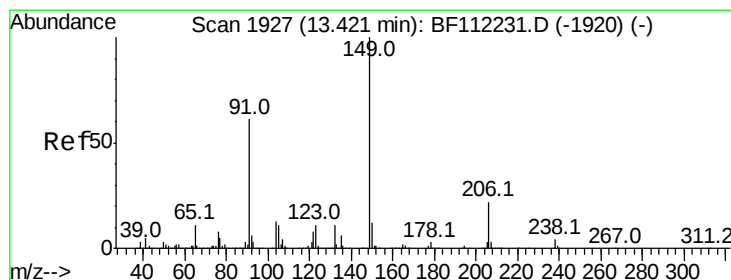
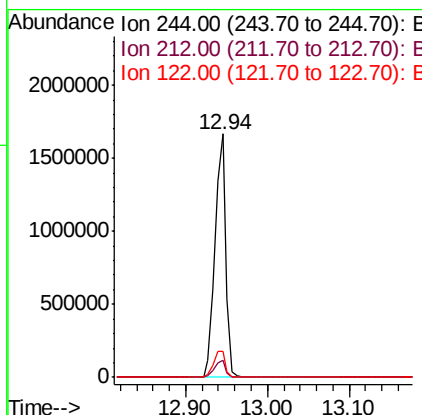
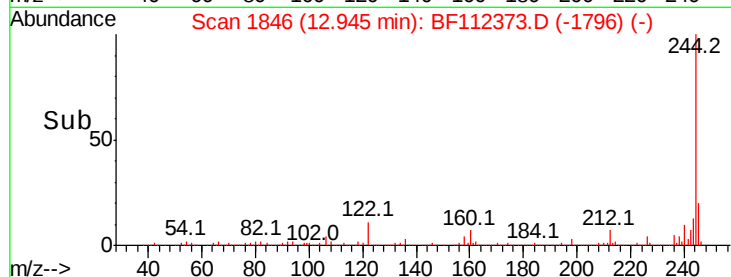
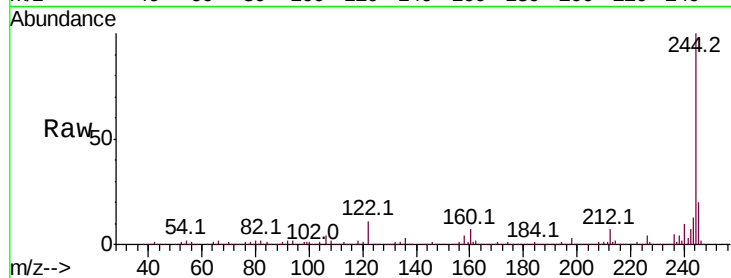
#79
 Terphenyl-d14
 Concen: 77.274 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BS

Tot Ion:244 Resp: 1536290
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 10.9 9.8 14.6

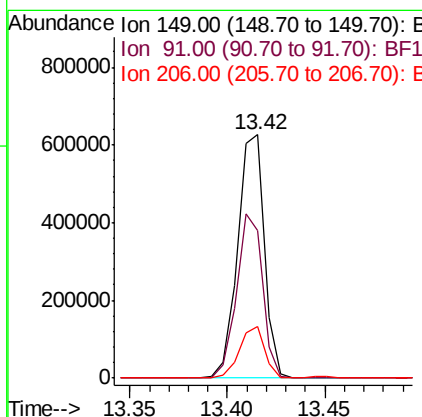
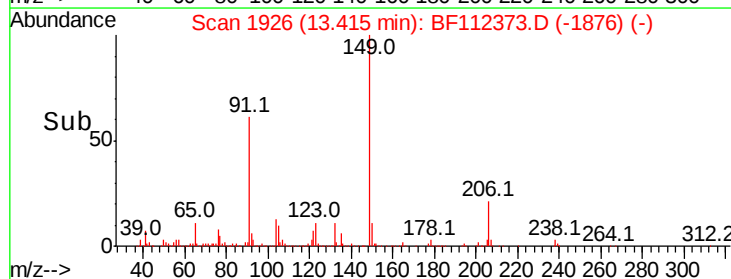
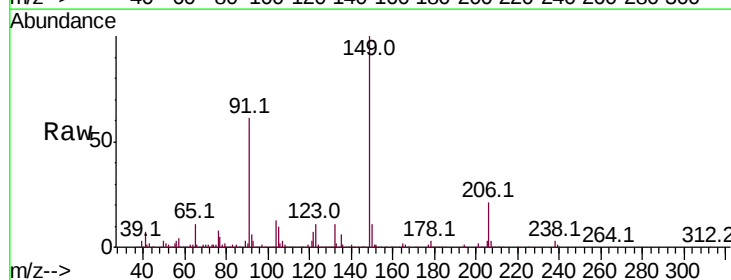
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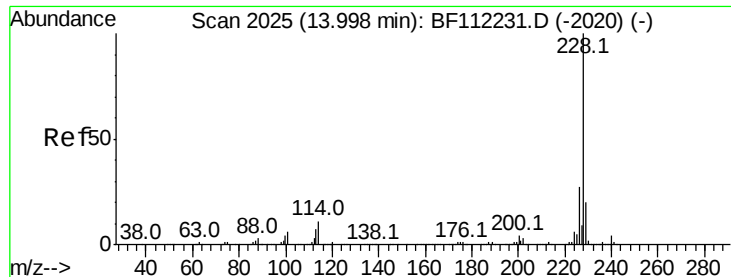
mohammad
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#80
 Butylbenzylphthalate
 Concen: 47.337 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Tgt Ion:149 Resp: 593736
 Ion Ratio Lower Upper
 149 100
 91 60.8 50.3 75.5
 206 21.5 18.2 27.4





#81

Benzo(a)anthracene

Concen: 46.756 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

Tot Ion:228 Resp: 1029192

Ion Ratio Lower Upper

228 100

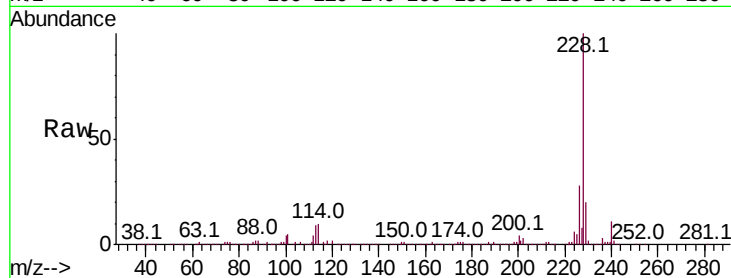
226 28.0 22.6 34.0

229 19.8 16.5 24.7

Manual Integrations
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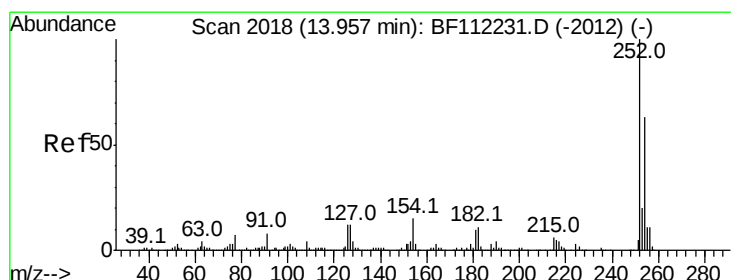
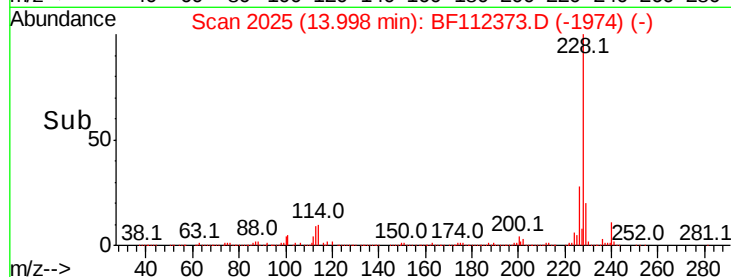
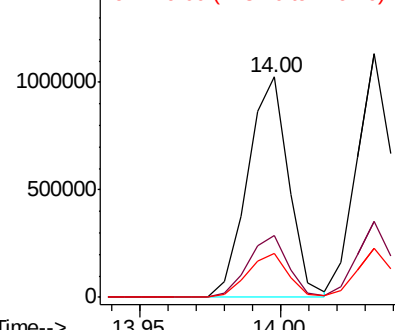


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.312 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

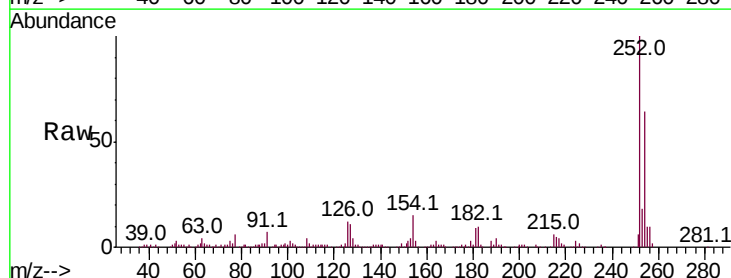
Tgt Ion:252 Resp: 224997

Ion Ratio Lower Upper

252 100

254 64.5 51.6 77.4

126 12.0 8.6 12.8

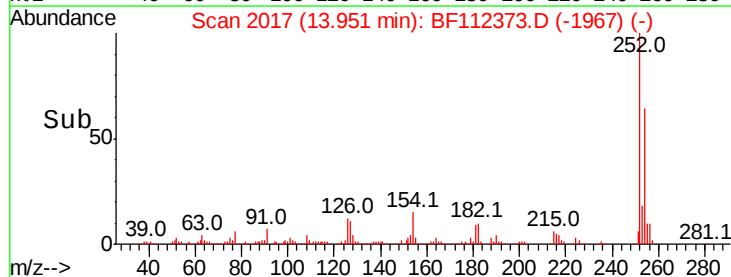
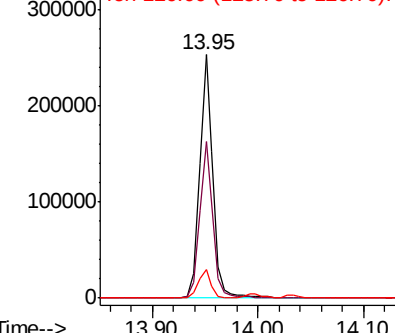


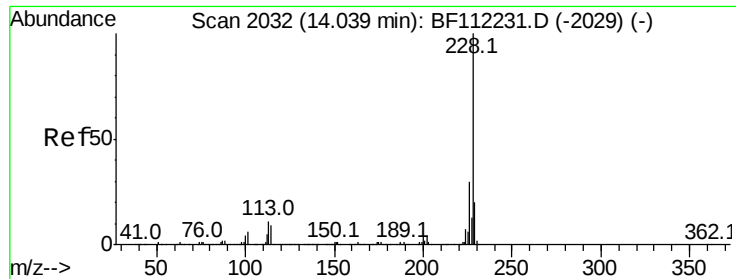
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





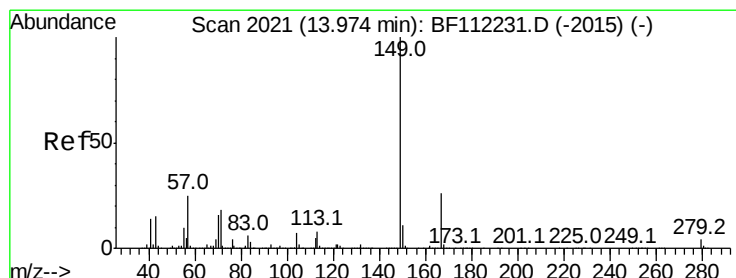
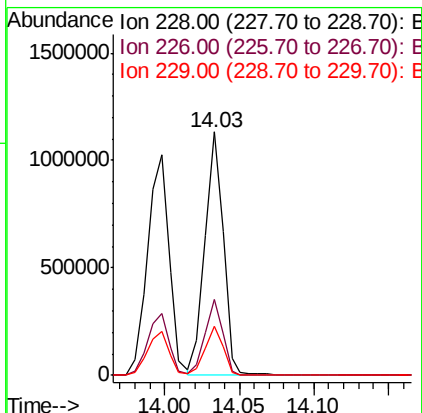
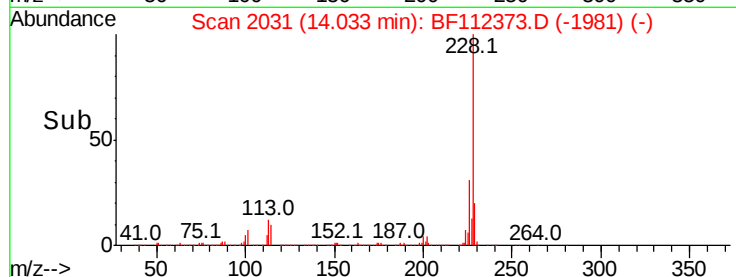
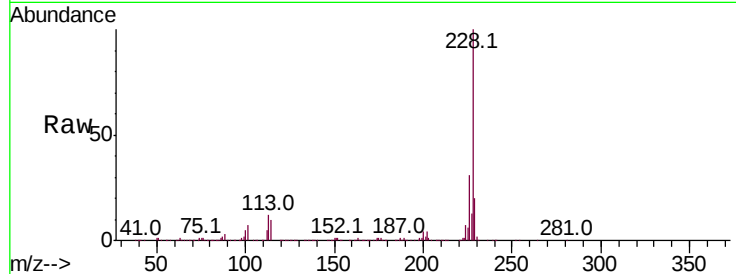
#83
Chrysene
Concen: 45.922 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.2	16.6	24.8

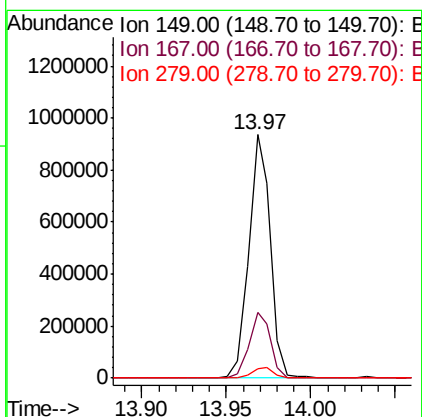
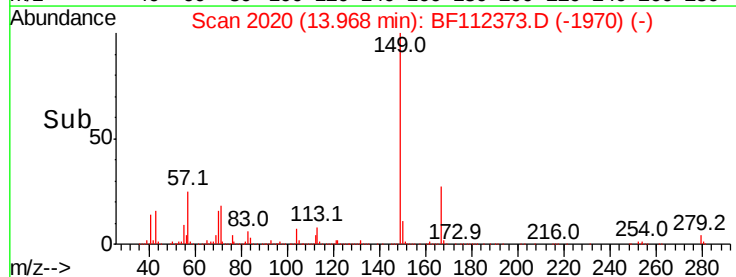
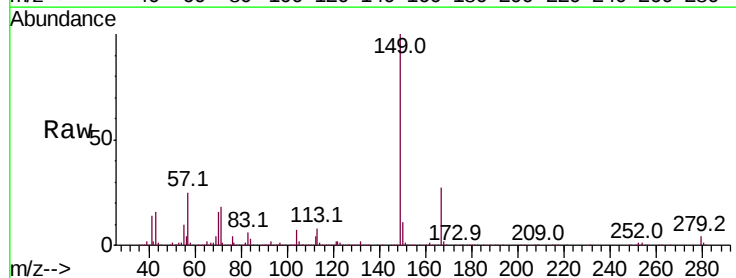
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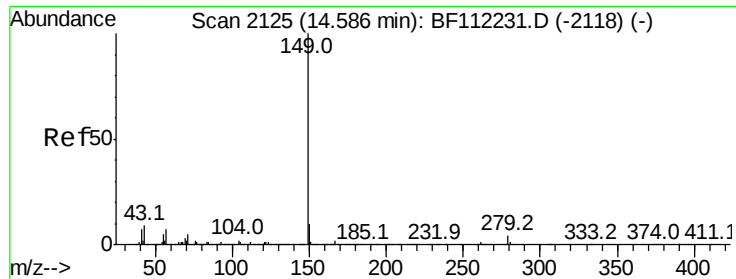
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 46.682 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

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





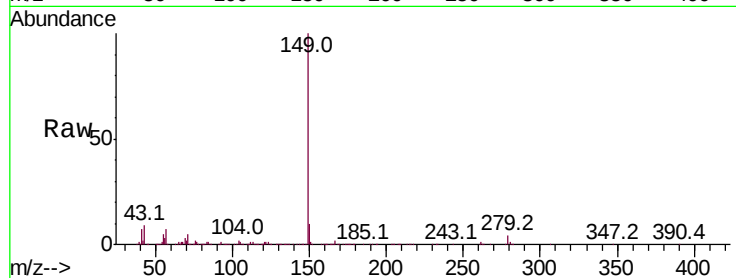
#85
Di-n-octyl phthalate
Concen: 45.634 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.8	7.8	11.6

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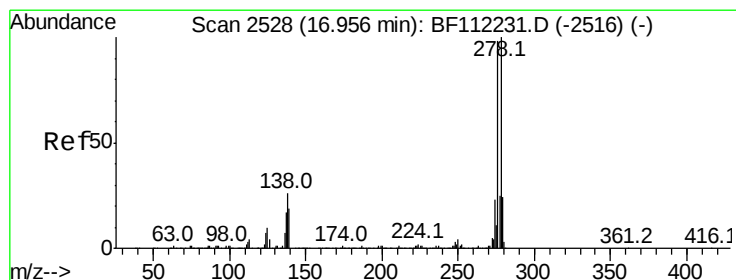
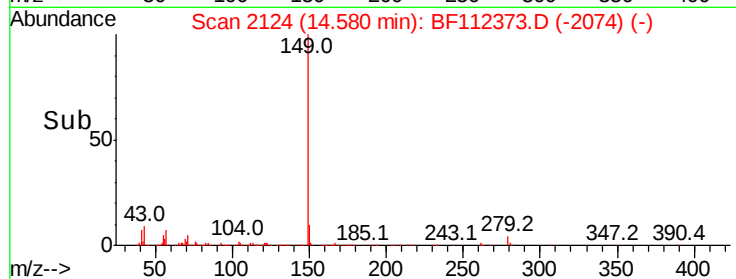
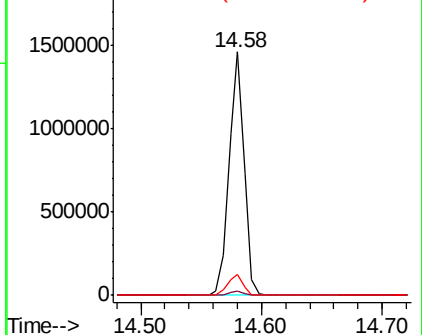


Abundance

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: 56.584 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

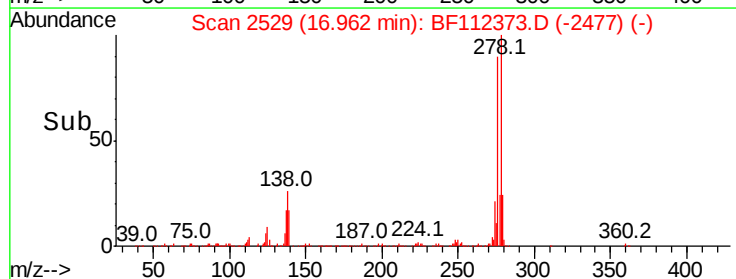
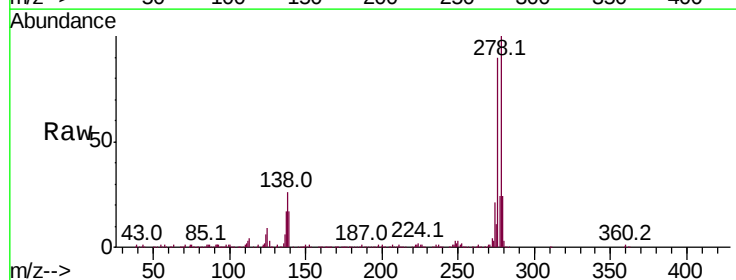
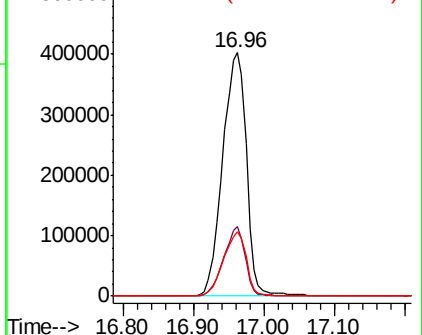
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	22.6	34.0
277	25.6	20.3	30.5

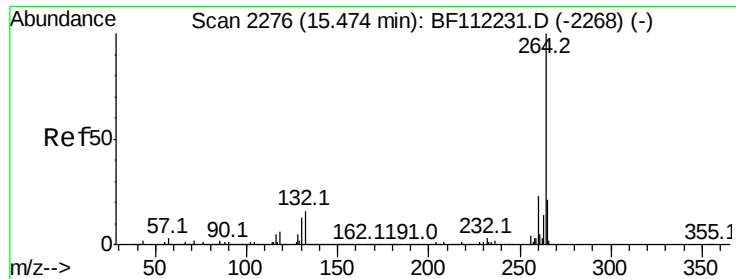
Abundance

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: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

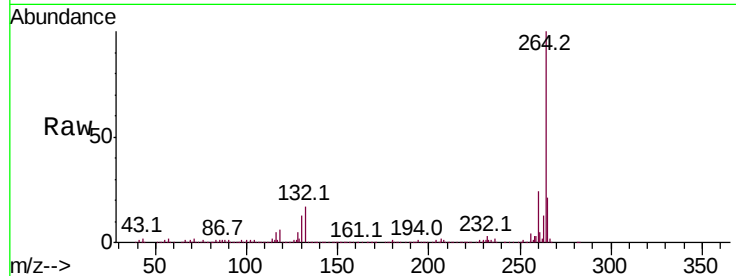
ClientSampleId :

PB116745BS

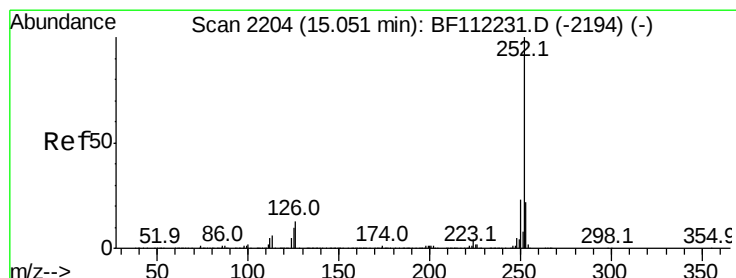
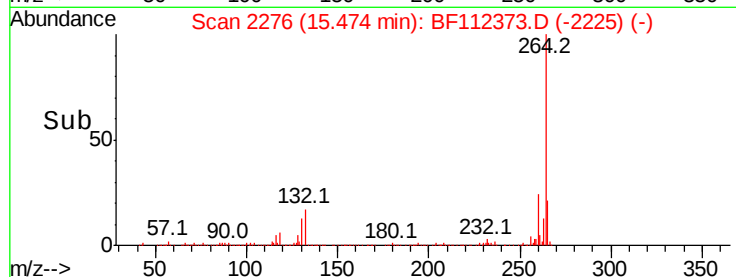
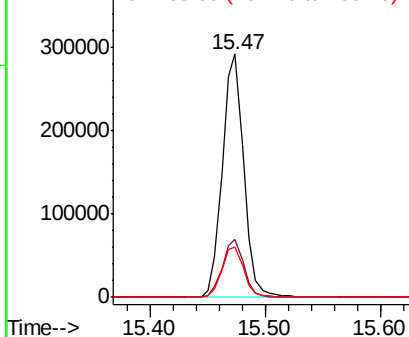
Tot Ion:	264	Resp:	375789
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.2	27.2
265	20.8	17.0	25.4

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.670 ng

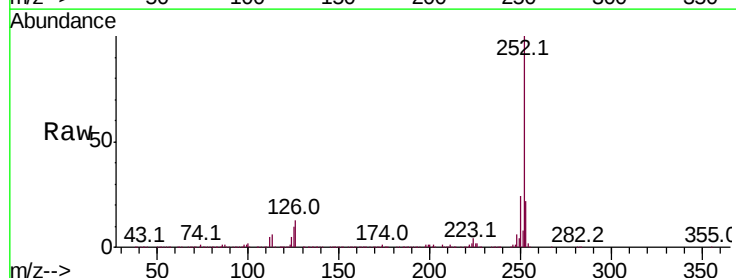
RT: 15.05 min Scan# 2204

Delta R.T. 0.00 min

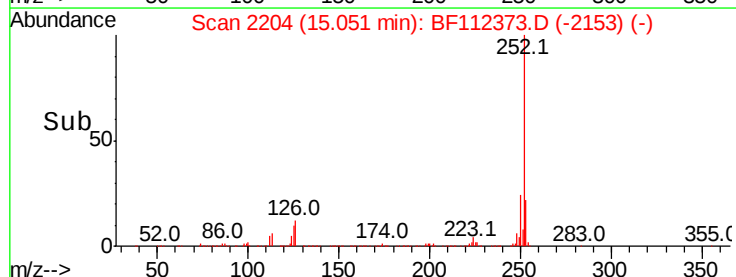
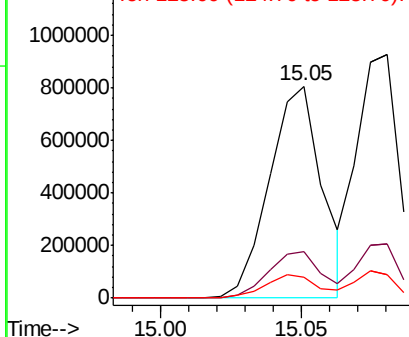
Lab File: BF112373.D

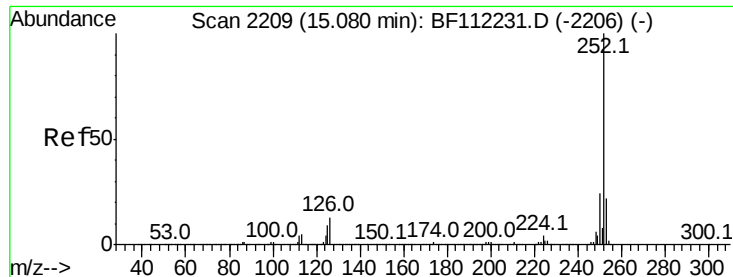
Acq: 4 Feb 2019 10:06

Tgt Ion:	252	Resp:	1048854
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.0	27.0
125	9.6	8.7	13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





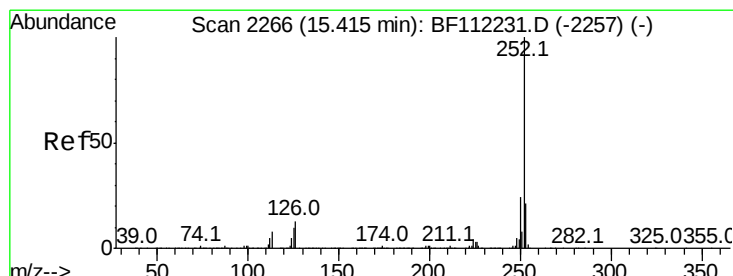
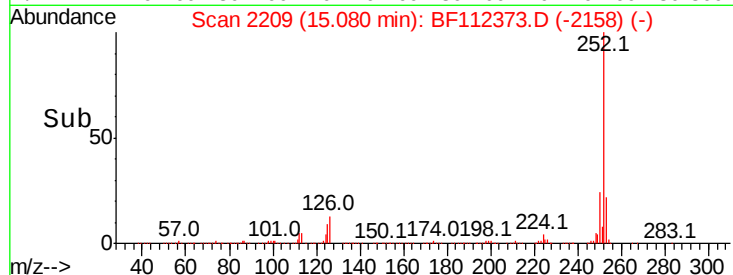
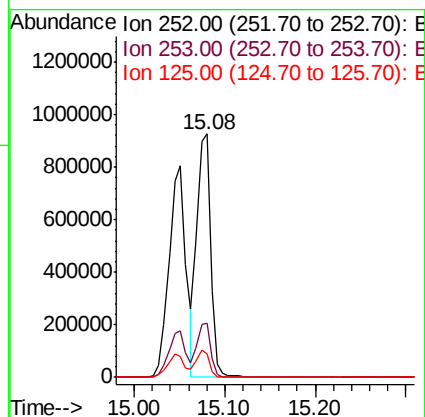
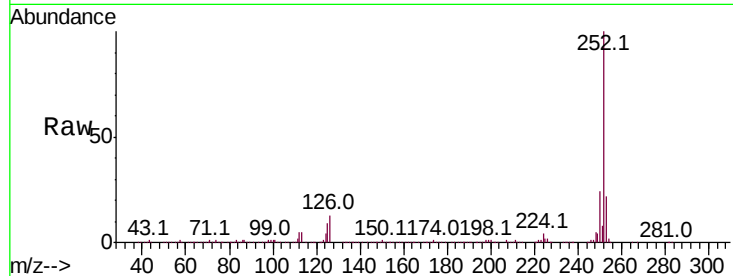
#89
Benzo(k)fluoranthene
Concen: 45.238 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.2	18.0	27.0	
125	9.5	9.1	13.7	

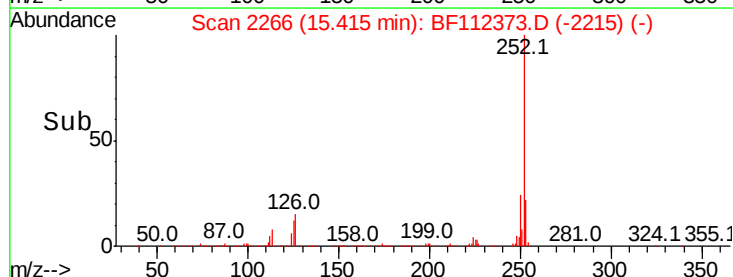
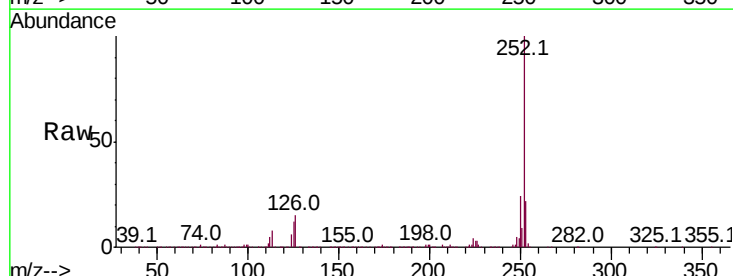
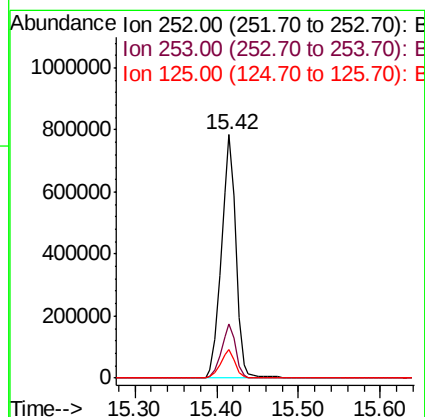
Manual Integrations
APPROVED

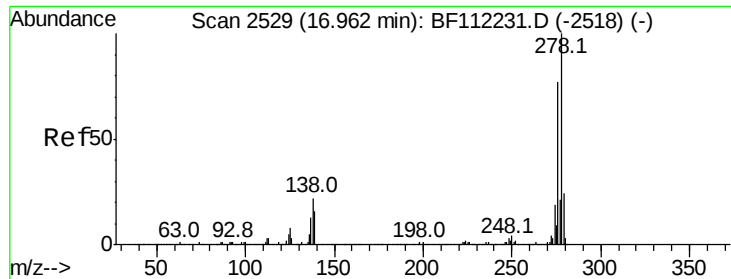
mohammad
2/5/2019 8:42:34 AM



#90
Benzo(a)pyrene
Concen: 47.991 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.0	17.5	26.3	
125	11.9	9.0	13.4	





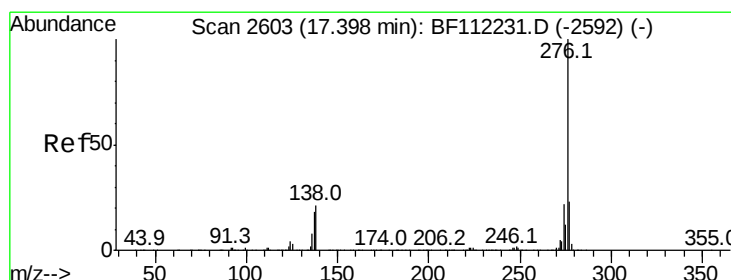
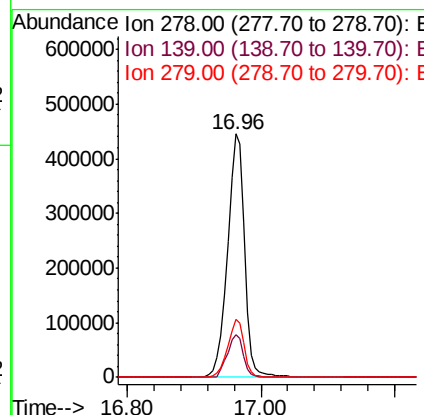
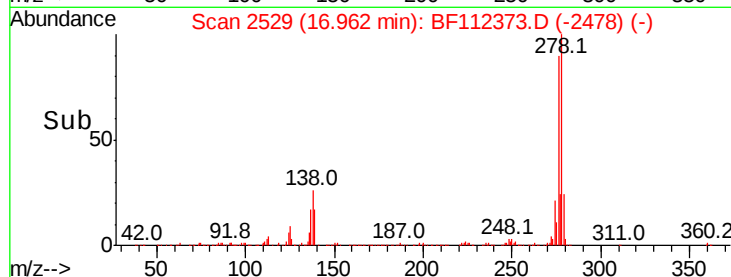
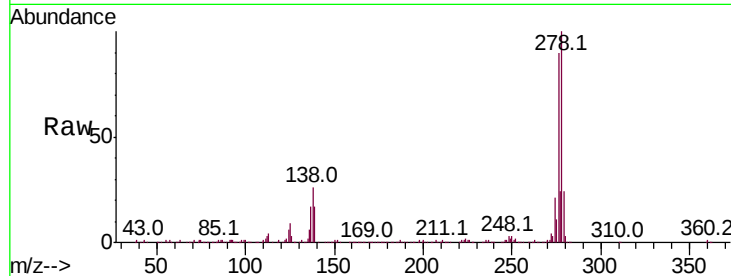
#91
Dibenzo(a,h)anthracene
Concen: 49.480 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.00 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.7	20.5
279	24.0	19.0	28.6

Manual Integrations
APPROVED

mohammad
2/5/2019 8:42:34 AM



#92
Benzo(g,h,i)perylene
Concen: 47.566 ng
RT: 17.40 min Scan# 2604
Delta R.T. 0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.4	29.0
138	22.2	19.1	28.7

