

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
 Data File : BF113233.D
 Acq On : 22 Mar 2019 14:31
 Operator : JU/SJ
 Sample : K2040-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MS

Manual Integrations
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Sohil
 3/25/2019 6:32:38 PM

Quant Time: Mar 23 00:03:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	152772	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	558059	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	277616	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	559533	20.00	ng	-0.01
76) Chrysene-d12	13.87	240	425220	20.00	ng	0.00
87) Perylene-d12	15.27	264	388631	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1037491	105.64	ng	0.00
7) Phenol-d6	6.37	99	1325264	107.42	ng	0.00
23) Nitrobenzene-d5	7.28	82	828175	88.80	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	460295	156.18	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1528660	93.78	ng	-0.01
79) Terphenyl-d14	12.82	244	1965936	89.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	152279	30.932	ng	97
3) Pyridine	3.13	79	401707	30.500	ng	99
4) n-Nitrosodimethylamine	3.06	42	205772	35.715	ng	99
6) Aniline	6.38	93	375113	22.089	ng	# 33
8) 2-Chlorophenol	6.51	128	422898	38.682	ng	95
9) Benzaldehyde	6.26	77	111615	12.556	ng	97
10) Phenol	6.39	94	479510	33.308	ng	91
11) bis(2-Chloroethyl)ether	6.46	93	410099	37.113	ng	96
12) 1,3-Dichlorobenzene	6.66	146	442443	39.176	ng	98
13) 1,4-Dichlorobenzene	6.73	146	451569	39.870	ng	98
14) 1,2-Dichlorobenzene	6.89	146	416102	40.076	ng	99
15) Benzyl Alcohol	6.87	79	348983	37.097	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	638248	34.611	ng	83
17) 2-Methylphenol	6.99	107	338266	38.140	ng	94
18) Hexachloroethane	7.23	117	153168	35.304	ng	95
19) n-Nitroso-di-n-propylamine	7.14	70	286283	36.640	ng	99
20) 3+4-Methylphenols	7.14	107	422878	42.232	ng	# 72
22) Acetophenone	7.13	105	574367	44.016	ng	# 91
24) Nitrobenzene	7.30	77	417872	40.257	ng	97
25) Isophorone	7.55	82	768155	38.232	ng	98
26) 2-Nitrophenol	7.62	139	241552	55.902	ng	96
27) 2,4-Dimethylphenol	7.67	122	360658	44.865	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	525924	41.867	ng	100
29) 2,4-Dichlorophenol	7.87	162	368773	47.305	ng	95
30) 1,2,4-Trichlorobenzene	7.95	180	391320	46.718	ng	99
31) Naphthalene	8.02	128	1183835	42.728	ng	100
32) Benzoic acid	7.77	122	77181	13.699	ng	90
33) 4-Chloroaniline	8.07	127	227717	19.405	ng	98
34) Hexachlorobutadiene	8.15	225	219087	46.378	ng	99
35) Caprolactam	8.45	113	108609m	39.557	ng	
36) 4-Chloro-3-methylphenol	8.57	107	355392	41.194	ng	93
37) 2-Methylnaphthalene	8.72	142	770081	43.039	ng	99
38) 1-Methylnaphthalene	8.81	142	718377	41.448	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	356656	44.056	ng	99

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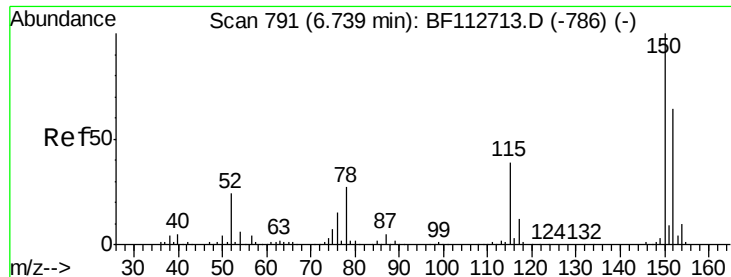
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	366648	82.706	ng	98
43) 2,4,6-Trichlorophenol	9.00	196	254385	45.657	ng	99
44) 2,4,5-Trichlorophenol	9.05	196	270281	44.881	ng	96
46) 1,1'-Biphenyl	9.18	154	982583	43.393	ng	98
47) 2-Chloronaphthalene	9.20	162	757171	42.824	ng	98
48) 2-Nitroaniline	9.30	65	245925	45.760	ng	96
49) Acenaphthylene	9.62	152	1234697	41.134	ng	99
50) Dimethylphthalate	9.48	163	1073795	52.457	ng	100
51) 2,6-Dinitrotoluene	9.55	165	208956	49.020	ng #	74
52) Acenaphthene	9.79	154	709469	40.418	ng	99
53) 3-Nitroaniline	9.71	138	166933	32.139	ng	98
54) 2,4-Dinitrophenol	9.82	184	181704	102.257	ng	93
55) Dibenzofuran	9.96	168	1082418	42.428	ng	99
56) 4-Nitrophenol	9.89	139	322446	76.384	ng	98
57) 2,4-Dinitrotoluene	9.95	165	270287	51.011	ng	88
58) Fluorene	10.30	166	816625	45.099	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	252786	50.382	ng	92
60) Diethylphthalate	10.18	149	934975	43.247	ng	99
61) 4-Chlorophenyl-phenylether	10.29	204	418916	49.725	ng	94
62) 4-Nitroaniline	10.33	138	228111	47.526	ng	98
63) Azobenzene	10.45	77	853784	38.556	ng	96
65) 4,6-Dinitro-2-methylphenol	10.36	198	133811	57.222	ng #	72
66) n-Nitrosodiphenylamine	10.42	169	772060	43.024	ng	100
67) 4-Bromophenyl-phenylether	10.78	248	275096	46.677	ng	93
68) Hexachlorobenzene	10.85	284	317721	47.824	ng	94
69) Atrazine	10.95	200	245886	44.740	ng	98
70) Pentachlorophenol	11.05	266	313410	80.151	ng	98
71) Phenanthrene	11.26	178	1210787	43.493	ng	100
72) Anthracene	11.31	178	1249007	42.860	ng	99
73) Carbazole	11.47	167	1182904	41.611	ng	99
74) Di-n-butylphthalate	11.80	149	1565498	45.928	ng	100
75) Fluoranthene	12.44	202	1391951	46.669	ng	97
77) Benzidine	12.56	184	471831	21.387	ng	98
78) Pyrene	12.67	202	1411532	39.376	ng	100
80) Butylbenzylphthalate	13.29	149	751827	47.515	ng	88
81) Benzo(a)anthracene	13.86	228	1078243	36.587	ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	293990	26.377	ng	99
83) Chrysene	13.89	228	1075803	37.267	ng	99
84) Bis(2-ethylhexyl)phthalate	13.85	149	918698	49.500	ng	100
85) Di-n-octyl phthalate	14.46	149	1551323	48.678	ng	97
86) Indeno(1,2,3-cd)pyrene	16.65	276	1196455	48.616	ng	94
88) Benzo(b)fluoranthene	14.88	252	1073044m	42.687	ng	
89) Benzo(k)fluoranthene	14.90	252	901299	39.583	ng	98
90) Benzo(a)pyrene	15.22	252	942671	42.396	ng #	96
91) Dibenzo(a,h)anthracene	16.66	278	987377	52.040	ng	97
92) Benzo(g,h,i)perylene	17.06	276	1050032	55.115	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.02 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

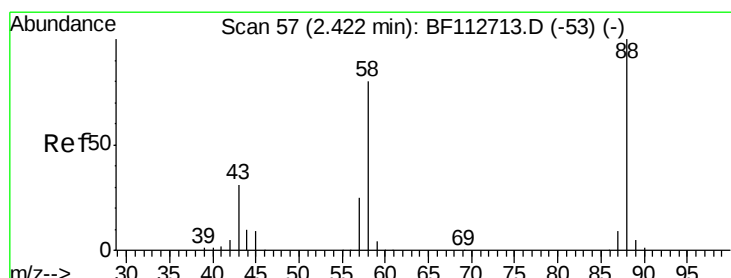
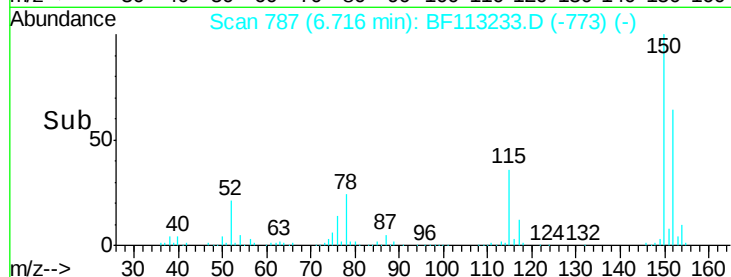
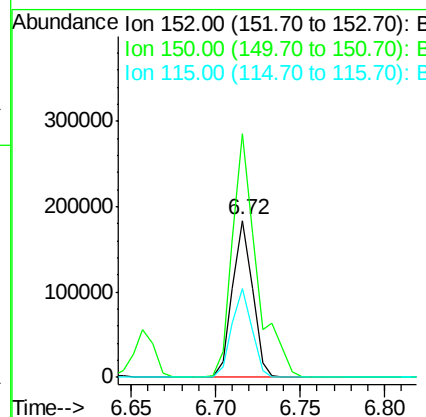
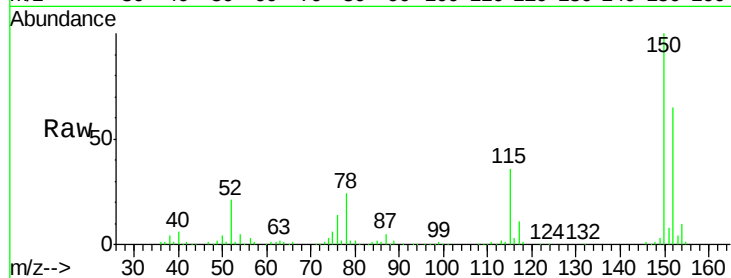
ClientSampleId :

S4B(2-10)MS

Tgt Ion:	152	Resp:	152772
Ion Ratio	Lower	Upper	
152	100		
150	155.0	124.2	186.2
115	56.4	48.2	72.4

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#2

1,4-Dioxane

Concen: 30.932 ng

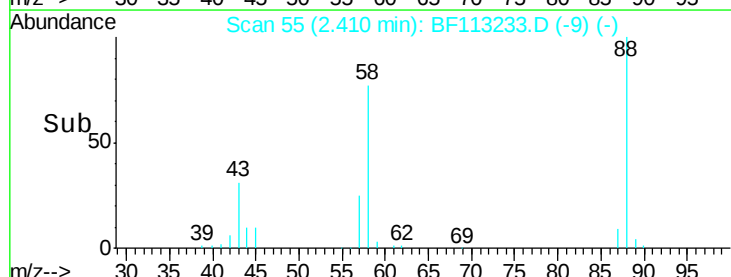
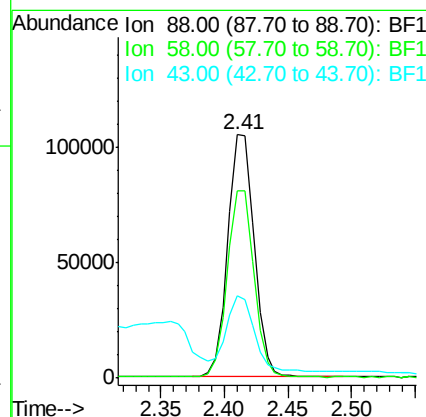
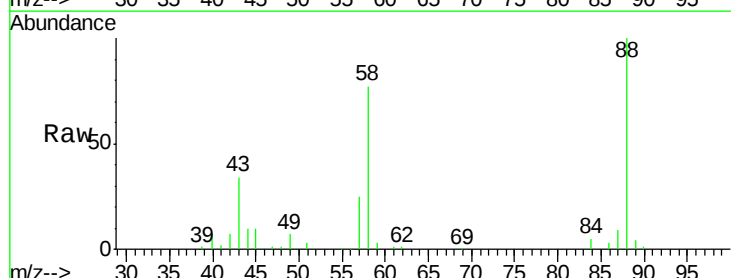
RT: 2.41 min Scan# 55

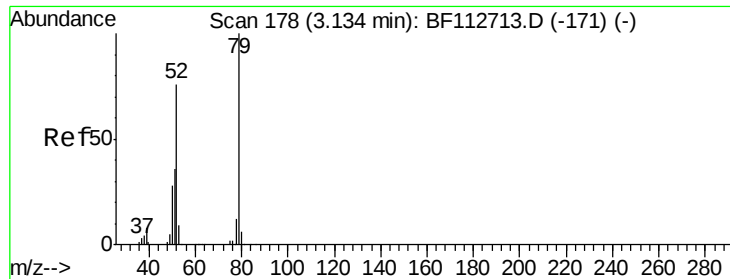
Delta R.T. -0.03 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Tgt Ion:	88	Resp:	152279
Ion Ratio	Lower	Upper	
88	100		
58	77.7	63.1	94.7
43	33.7	24.3	36.5





#3

Pyridine

Concen: 30.500 ng

RT: 3.13 min Scan# 177

Delta R.T. -0.02 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

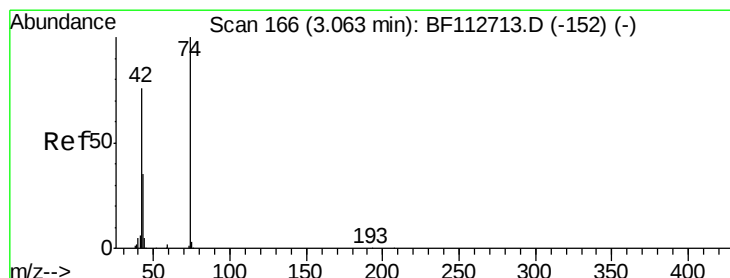
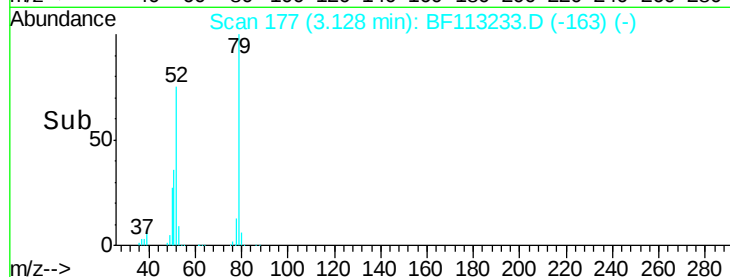
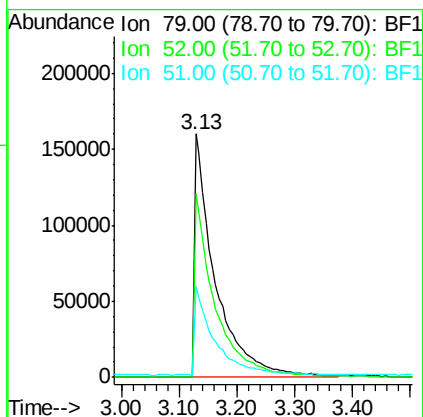
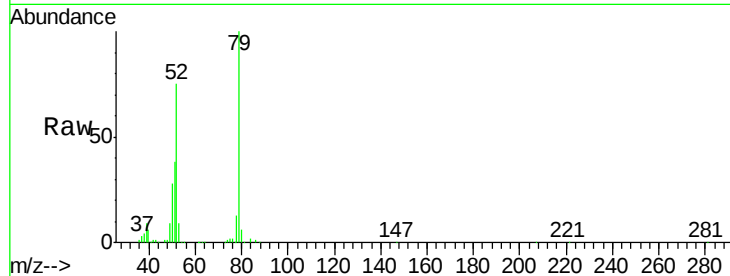
ClientSampleId :

S4B(2-10)MS

Tgt Ion:	79	Resp:	401707
Ion Ratio		Lower	Upper
79	100		
52	75.5	60.5	90.7
51	37.6	28.8	43.2

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.715 ng

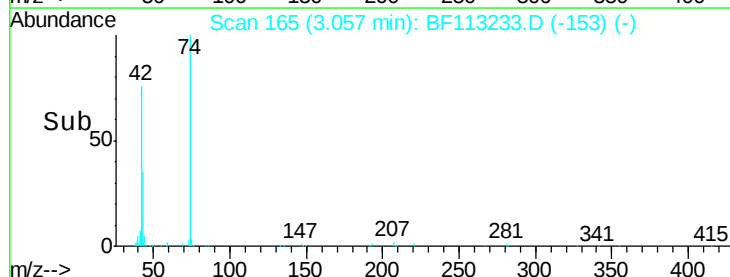
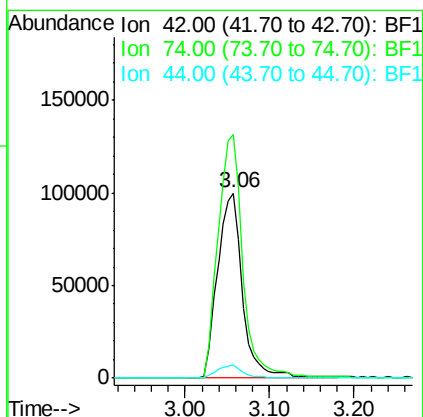
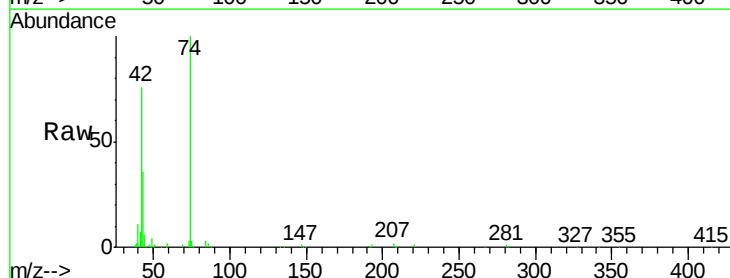
RT: 3.06 min Scan# 165

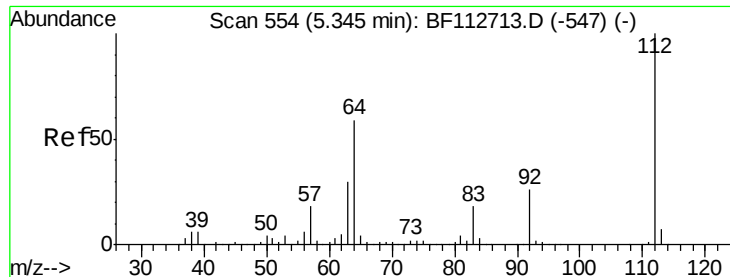
Delta R.T. -0.03 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Tgt Ion:	42	Resp:	205772
Ion Ratio		Lower	Upper
42	100		
74	131.4	105.8	158.8
44	7.4	6.2	9.2





#5

2-Fluorophenol

Concen: 105.639 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

Tgt Ion: 112 Resp: 1037491

Ion Ratio Lower Upper

112 100

64 61.7 47.6 71.4

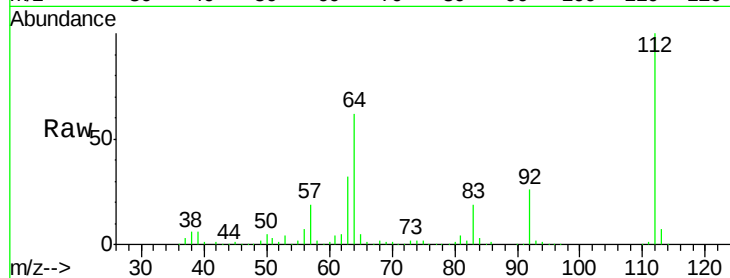
63 32.0 24.4 36.6

Manual Integrations

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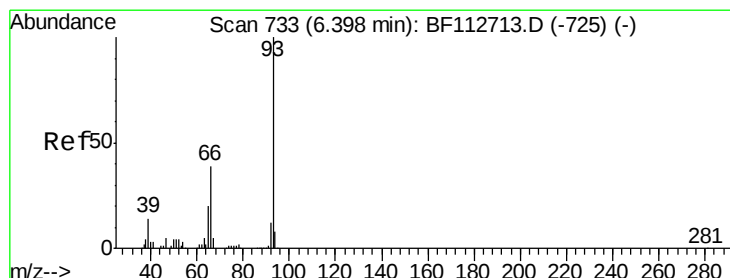
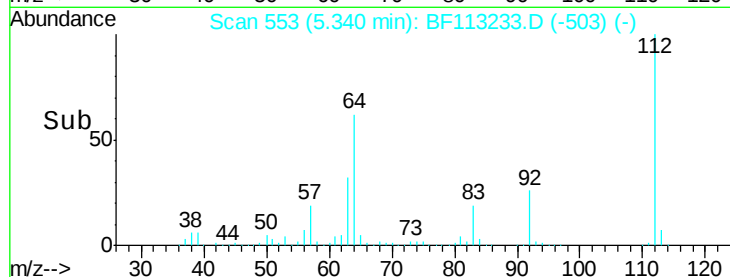
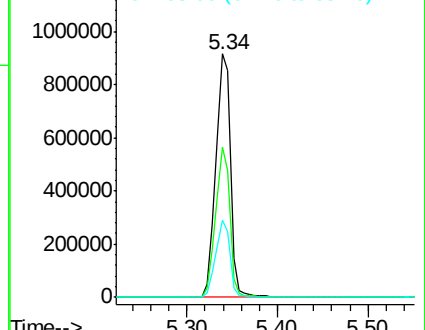
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.089 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

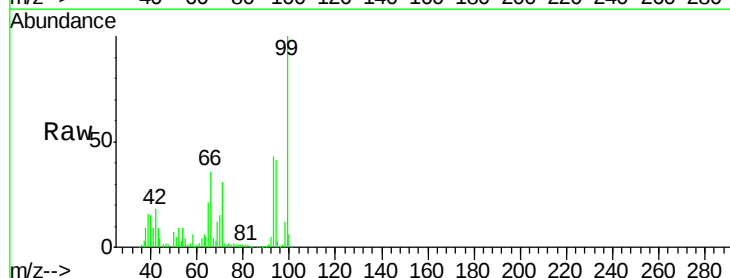
Tgt Ion: 93 Resp: 375113

Ion Ratio Lower Upper

93 100

66 83.7 32.2 48.2#

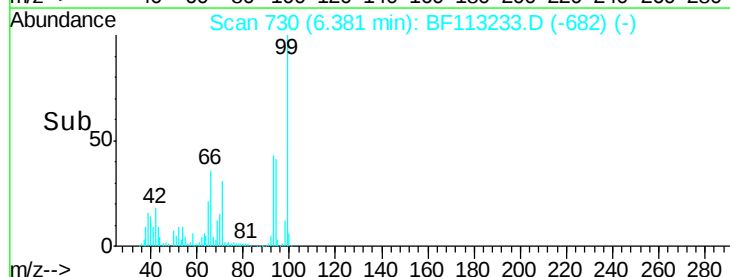
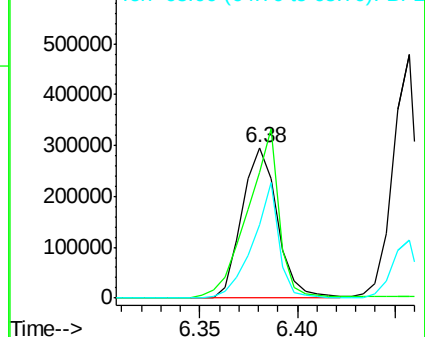
65 48.6 16.2 24.4#

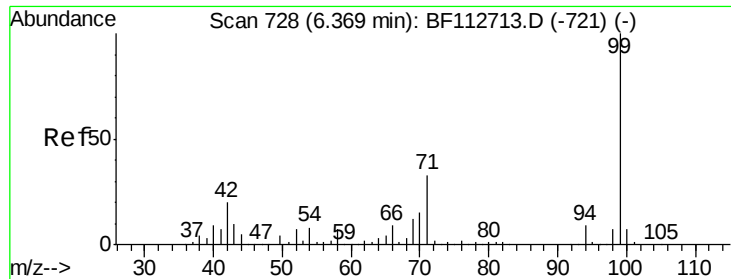


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.422 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

ClientSampled :

S4B(2-10)MS

Tgt Ion: 99 Resp: 1325264

Ion Ratio Lower Upper

99 100

42 19.9 16.3 24.5

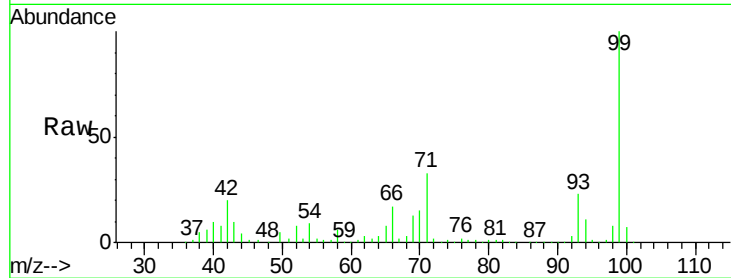
71 33.0 26.2 39.4

Manual Integrations

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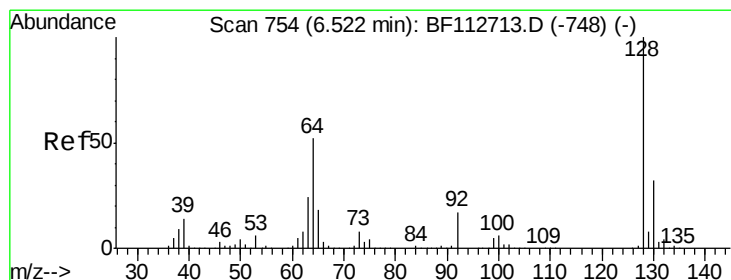
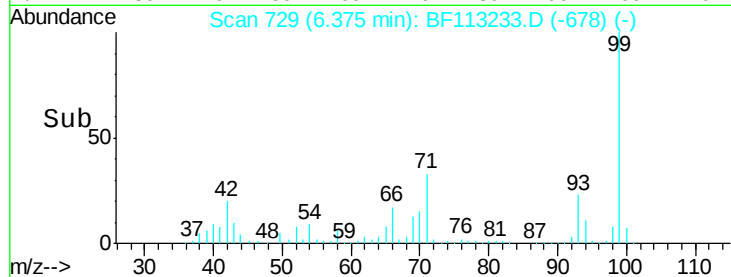
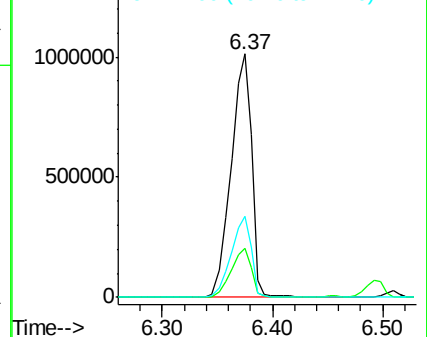
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.682 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

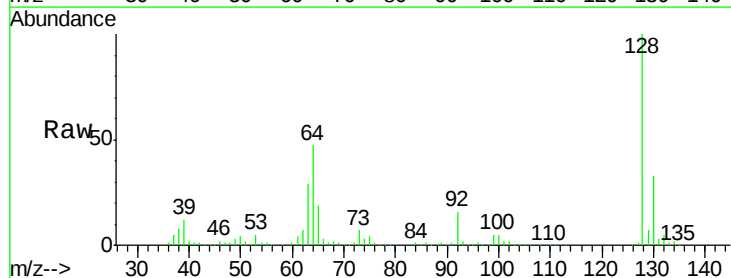
Tgt Ion: 128 Resp: 422898

Ion Ratio Lower Upper

128 100

130 33.0 12.4 52.4

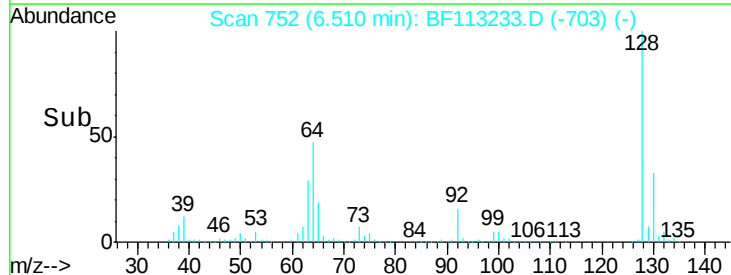
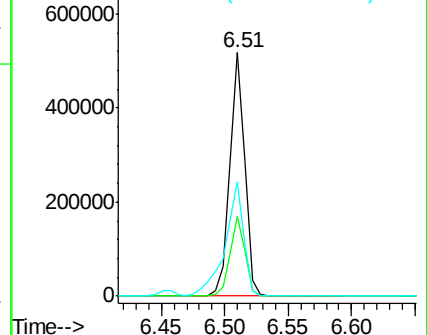
64 47.2 32.2 72.2

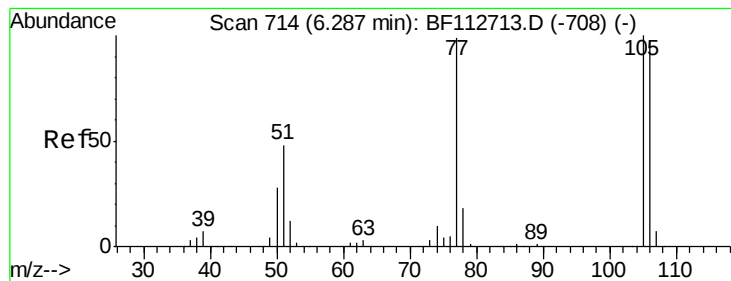


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 12.556 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.02 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

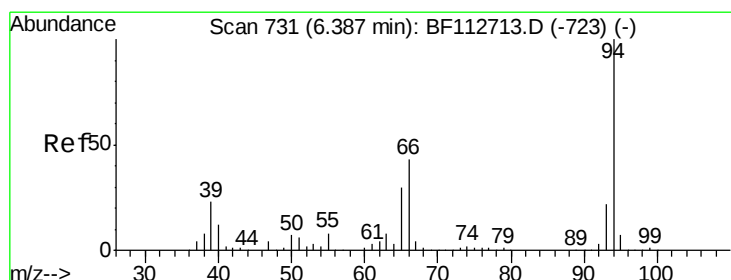
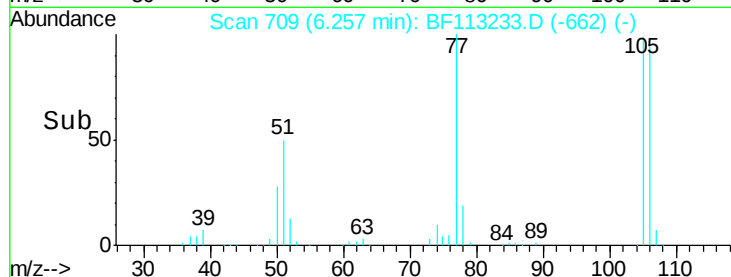
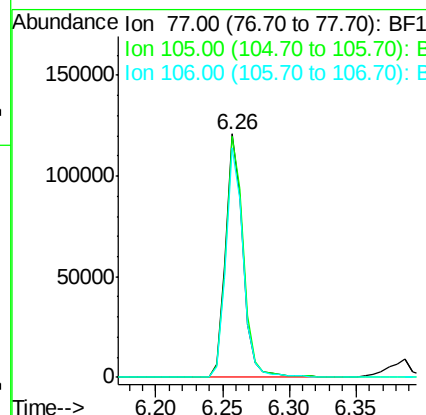
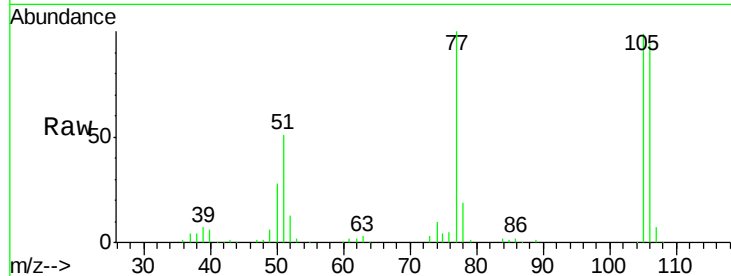
ClientSampleId :

S4B(2-10)MS

Tgt Ion:	77	Resp:	111615
Ion Ratio	Lower	Upper	
77	100		
105	98.8	81.4	121.4
106	94.2	78.3	118.3

Manual Integrations
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#10

Phenol

Concen: 33.308 ng

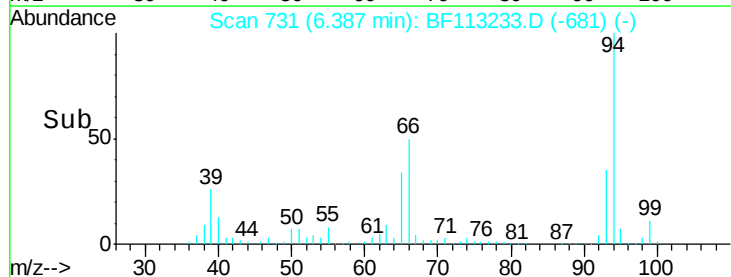
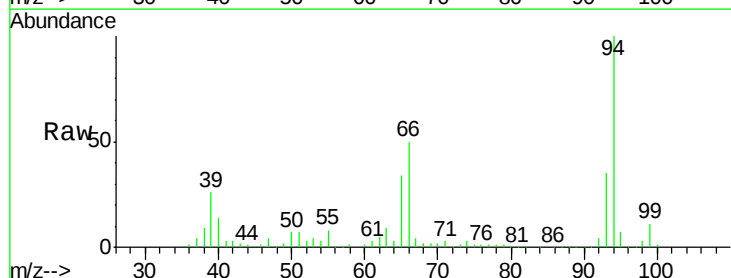
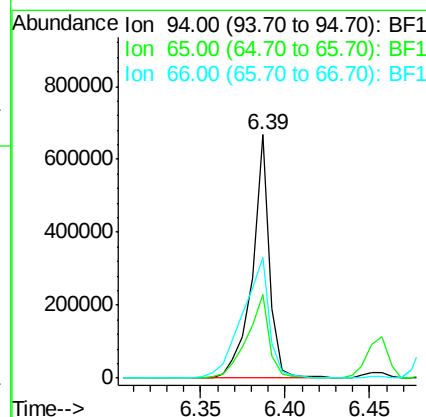
RT: 6.39 min Scan# 731

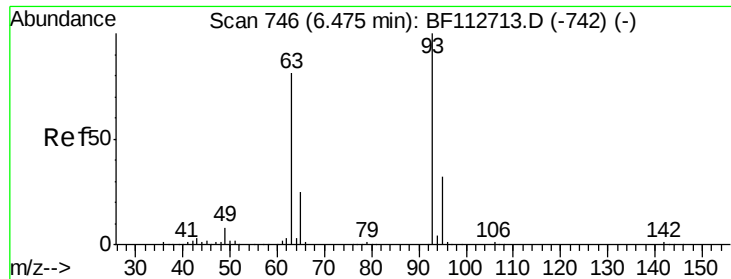
Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Tgt Ion:	94	Resp:	479510
Ion Ratio	Lower	Upper	
94	100		
65	34.1	10.5	50.5
66	49.7	22.6	62.6





#11

bis(2-Chloroethyl)ether

Concen: 37.113 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

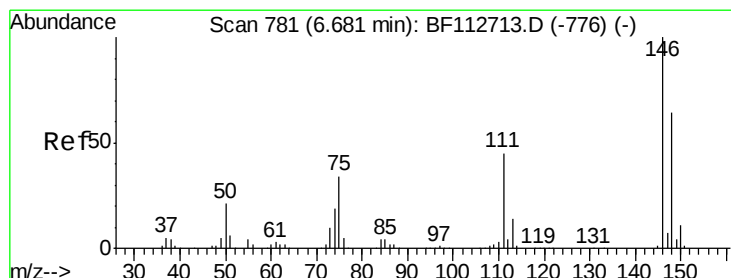
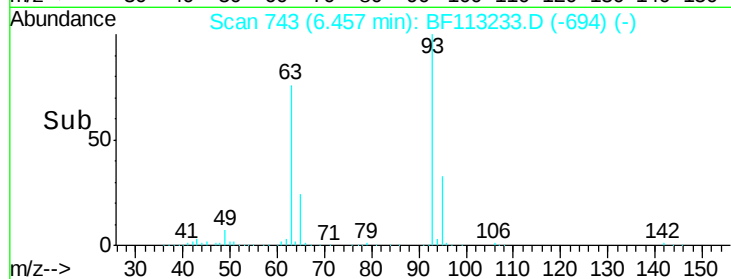
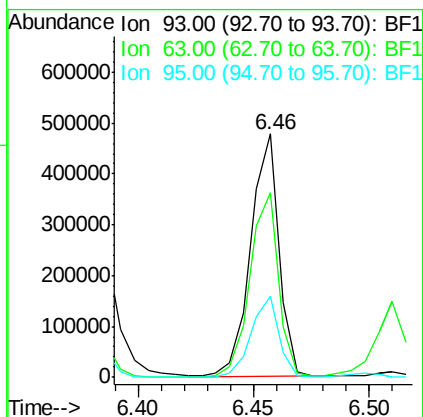
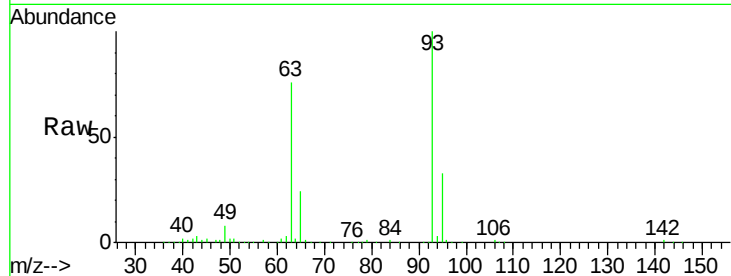
ClientSampleId :

S4B(2-10)MS

Tgt Ion:	93	Resp:	410099
Ion	Ratio	Lower	Upper
93	100		
63	76.0	60.5	100.5
95	33.0	12.1	52.1

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 39.176 ng

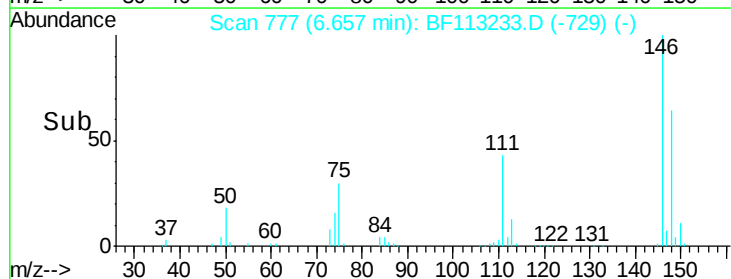
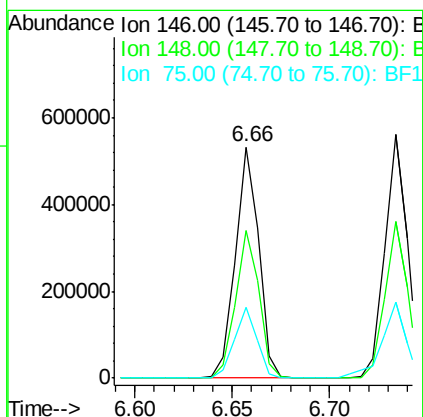
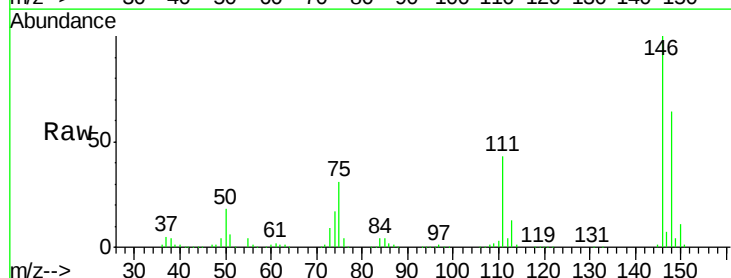
RT: 6.66 min Scan# 777

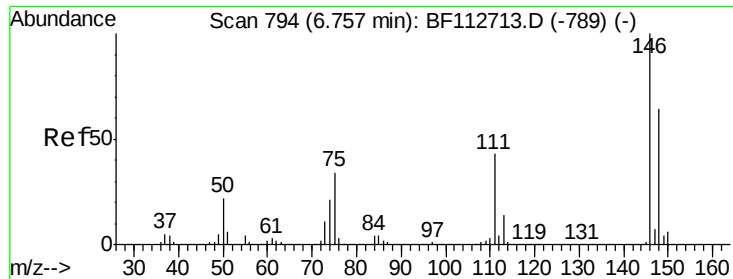
Delta R.T. -0.02 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Tgt Ion:	146	Resp:	442443
Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.9	76.3
75	30.8	26.9	40.3





#13

1,4-Dichlorobenzene

Concen: 39.870 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.02 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

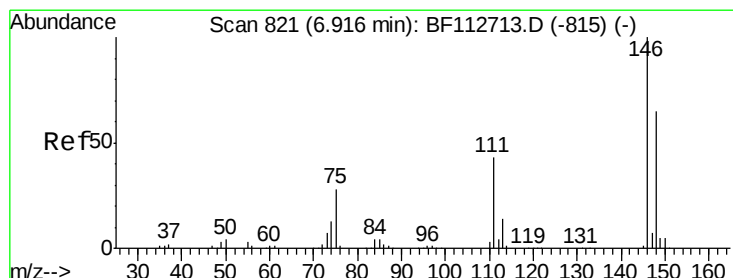
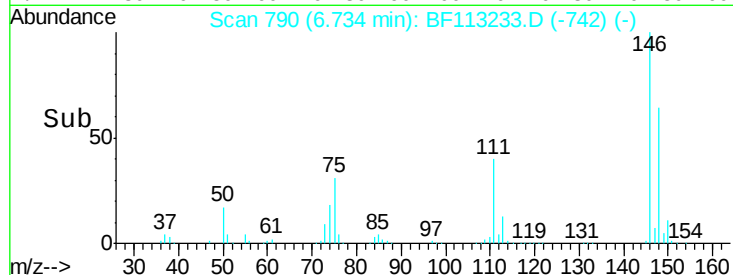
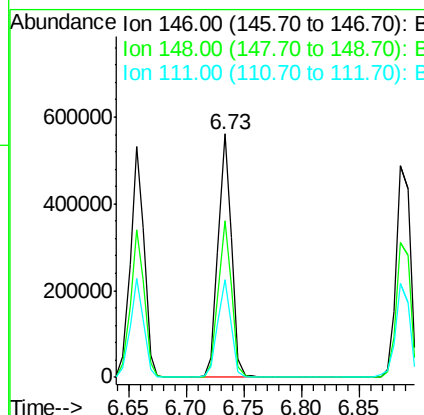
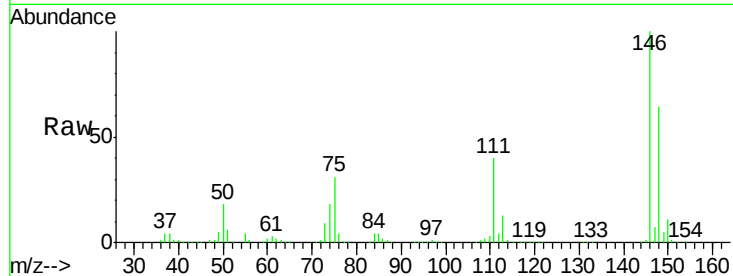
ClientSampleId :

S4B(2-10)MS

Tgt Ion:	146	Resp:	451569
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.0	76.4
111	40.0	34.5	51.7

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.076 ng

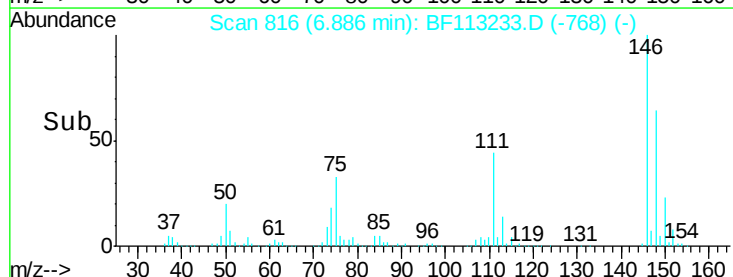
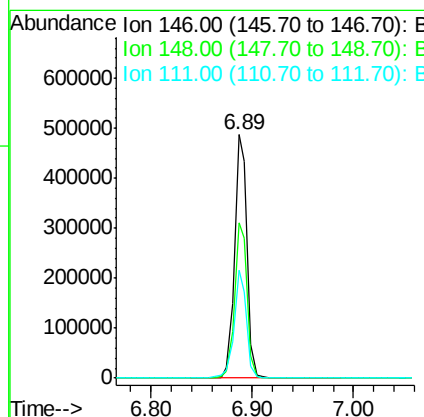
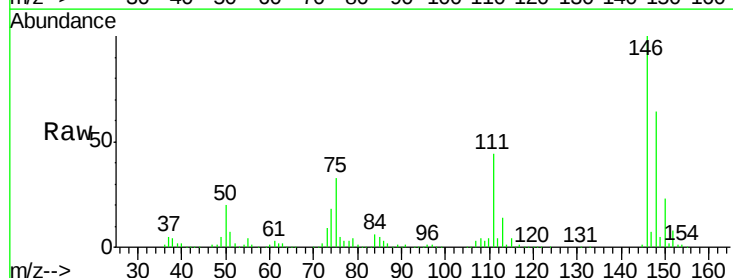
RT: 6.89 min Scan# 816

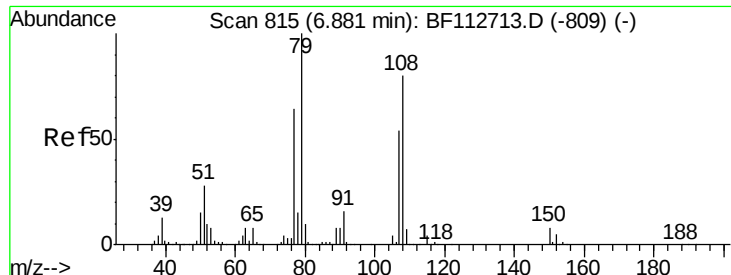
Delta R.T. -0.02 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Tgt Ion:	146	Resp:	416102
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.0	78.0
111	44.4	34.8	52.2





#15

Benzyl Alcohol

Concen: 37.097 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

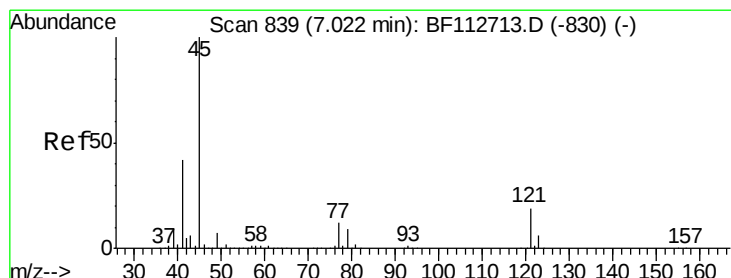
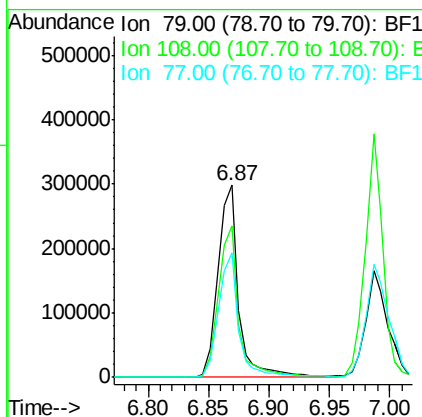
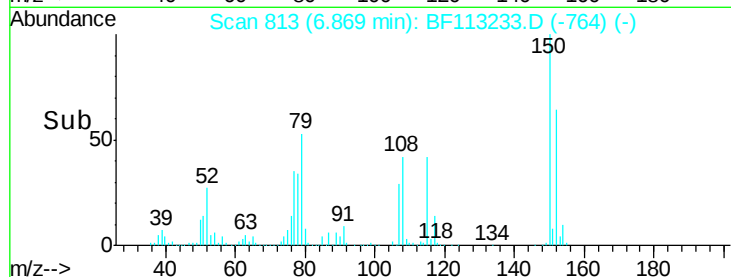
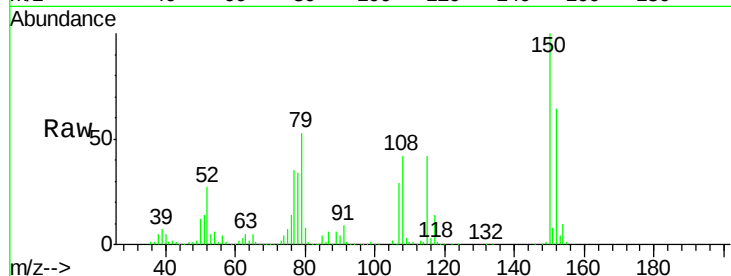
ClientSampled :

S4B(2-10)MS

Tgt Ion:	79	Resp:	348983
Ion Ratio	Lower	Upper	
79	100		
108	79.3	64.2	96.4
77	65.1	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.611 ng

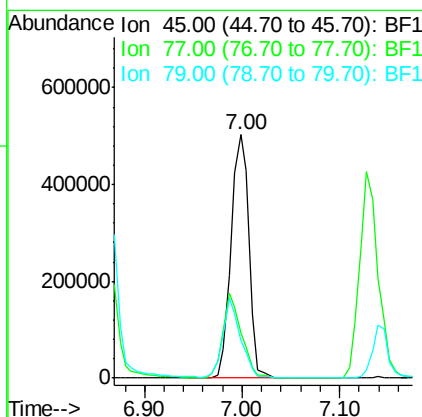
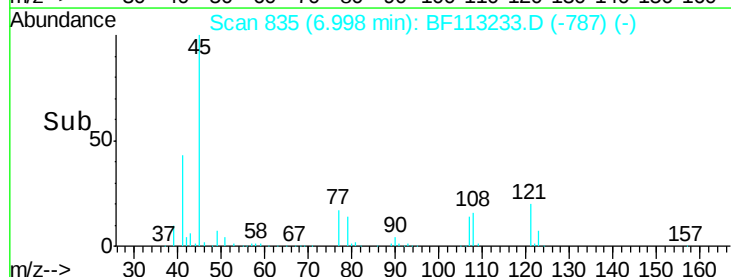
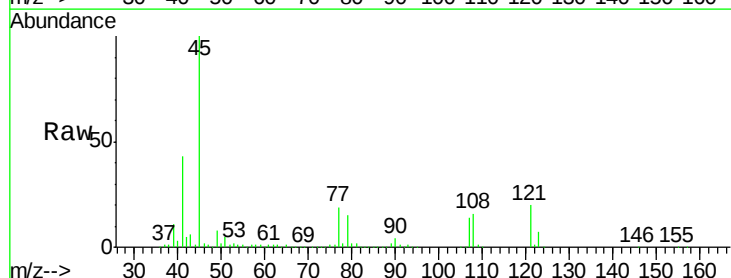
RT: 7.00 min Scan# 835

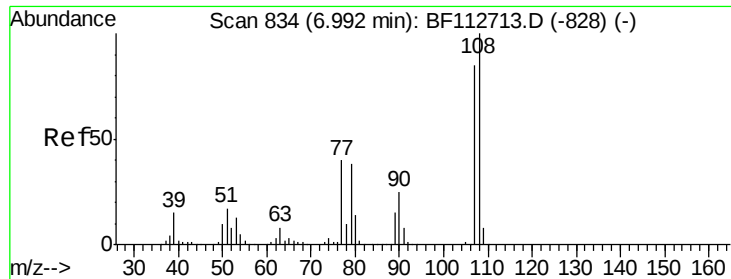
Delta R.T. -0.02 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Tgt Ion:	45	Resp:	638248
Ion Ratio	Lower	Upper	
45	100		
77	18.6	0.0	32.1
79	15.3	0.0	29.4





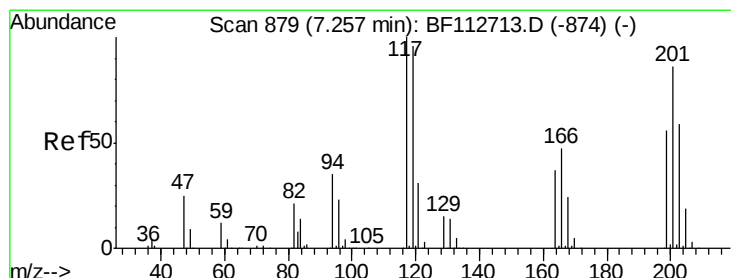
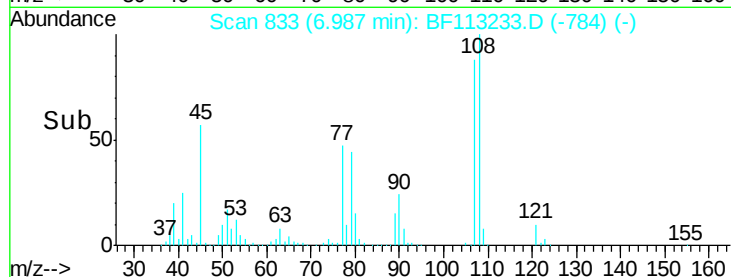
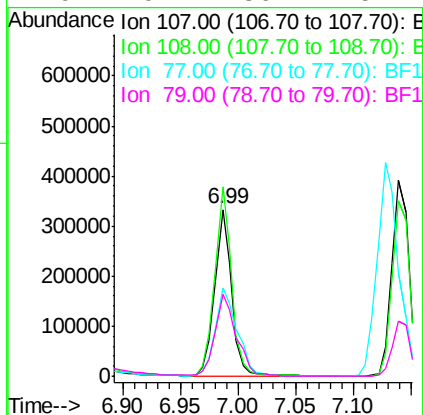
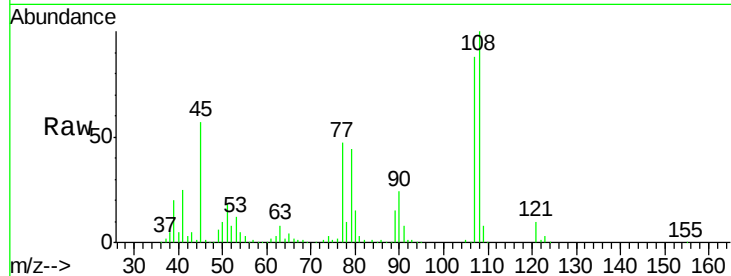
#17
2-Methylphenol
Concen: 38.140 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	94.6	142.0	
77	52.8	37.8	56.8	
79	49.4	36.2	54.2	

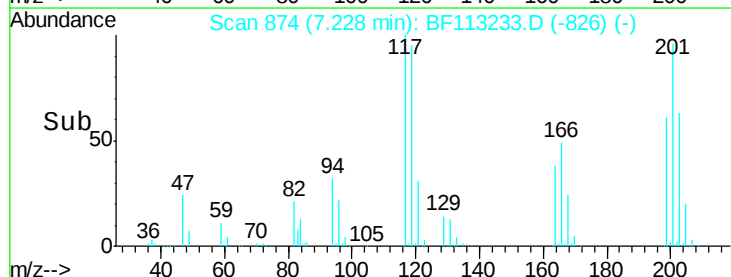
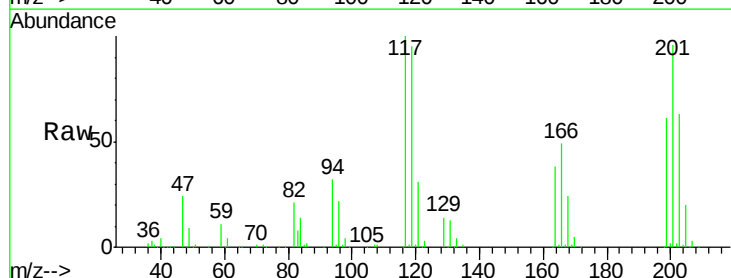
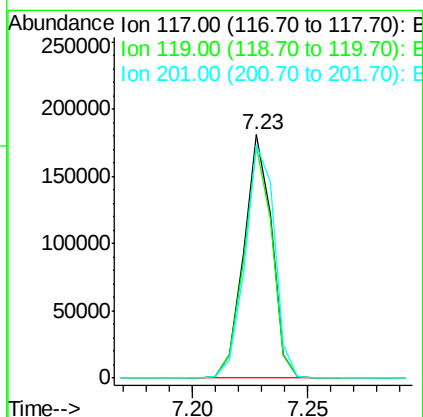
Manual Integrations
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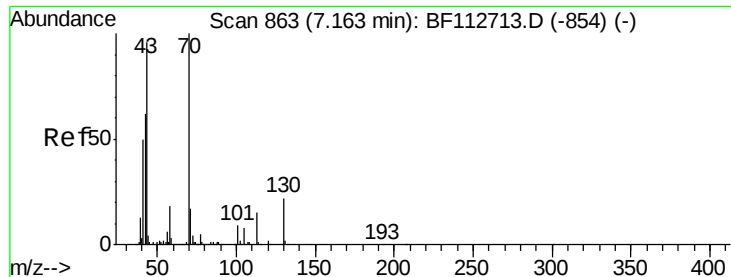
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#18
Hexachloroethane
Concen: 35.304 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	76.6	115.0	
201	96.0	68.9	103.3	





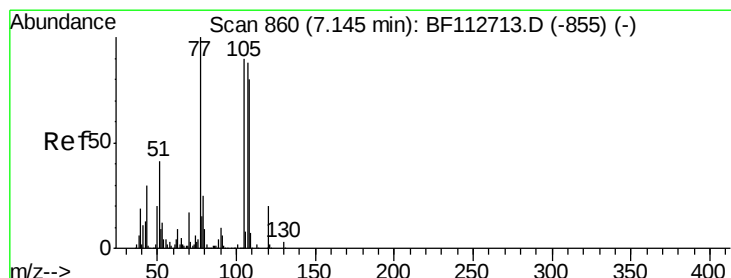
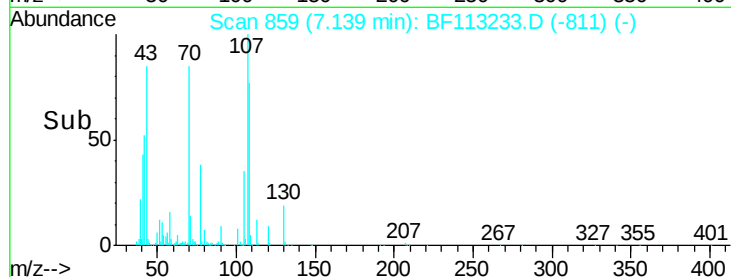
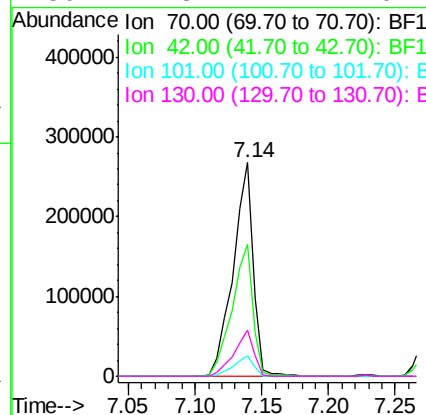
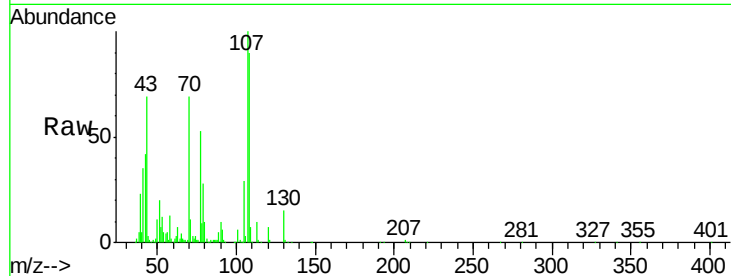
#19
n-Nitroso-di-n-propylamine
Concen: 36.640 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.9	49.9	74.9
101	9.4	7.4	11.2
130	21.8	17.4	26.2

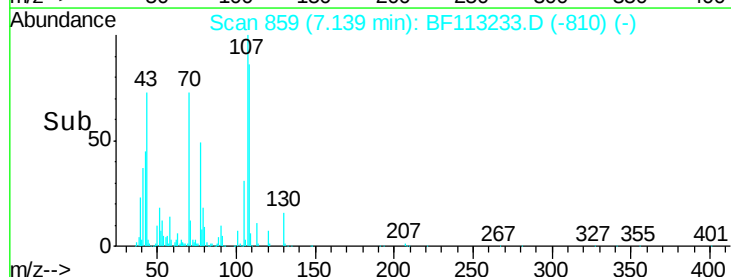
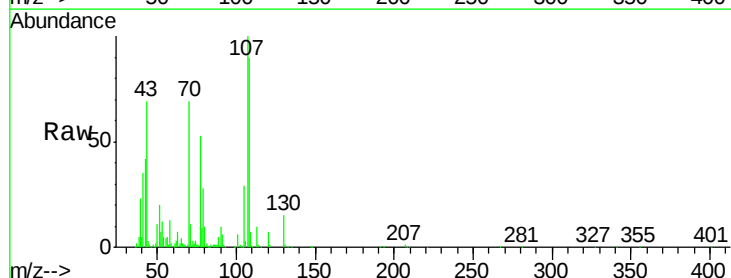
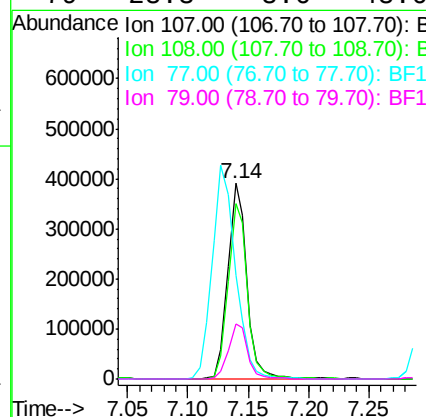
Manual Integrations
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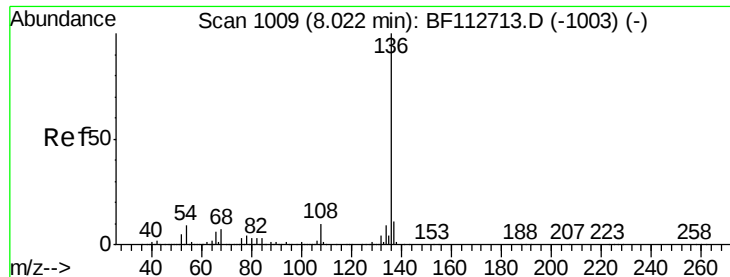
Sohil
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#20
3+4-Methylphenols
Concen: 42.232 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	71.4	111.4
77	53.0	94.1	134.1#
79	28.3	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

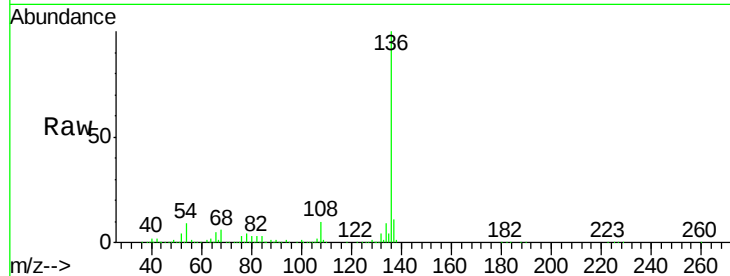
ClientSampleId :

S4B(2-10)MS

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		558059		
137	11.4		8.9	13.3	
54	8.5		7.3	10.9	
68	6.0		5.4	8.2	

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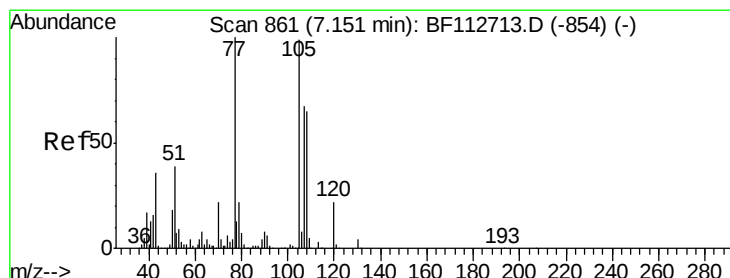
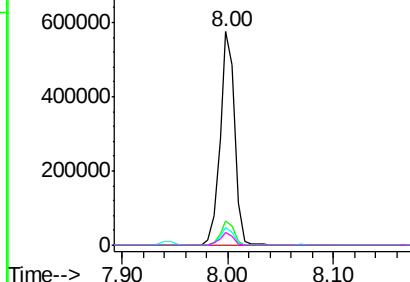
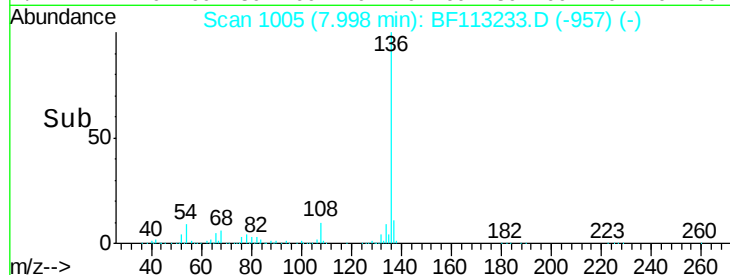


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.016 ng

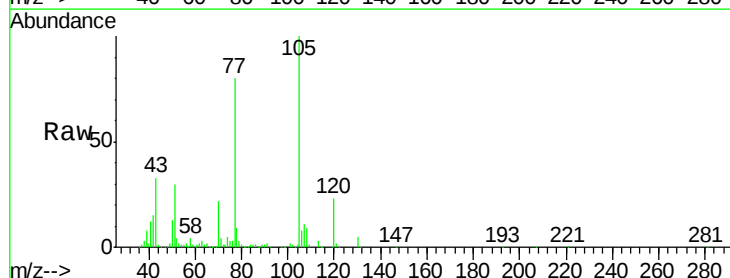
RT: 7.13 min Scan# 857

Delta R.T. -0.02 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		574367		
71	3.9		3.0	4.4	
51	30.0		31.5	47.3	
120	22.8		18.1	27.1	

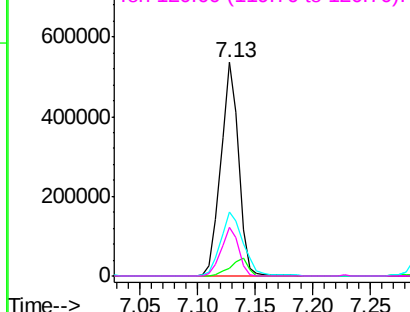
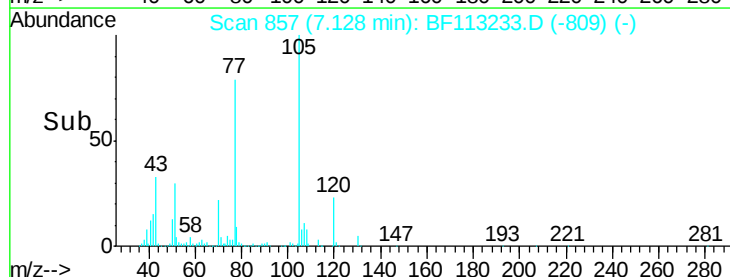


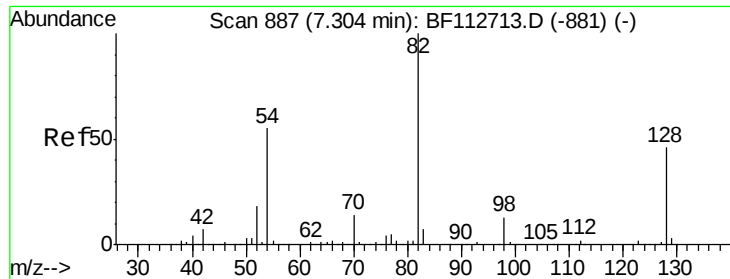
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





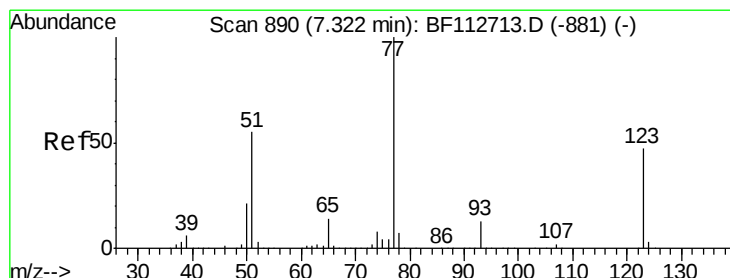
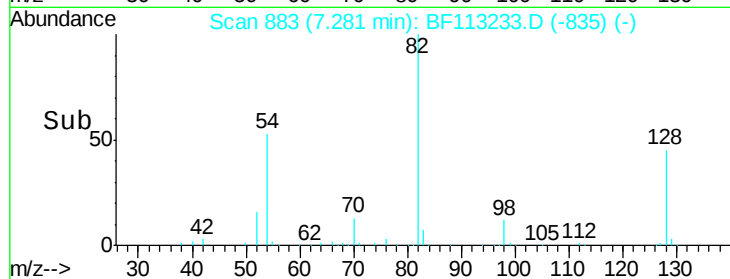
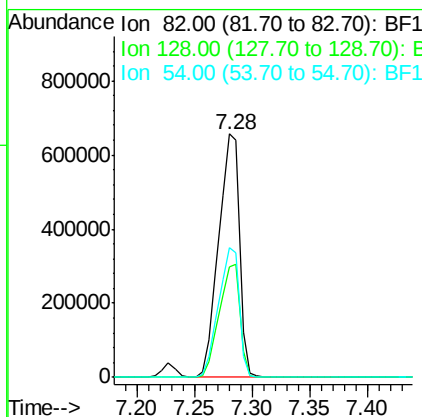
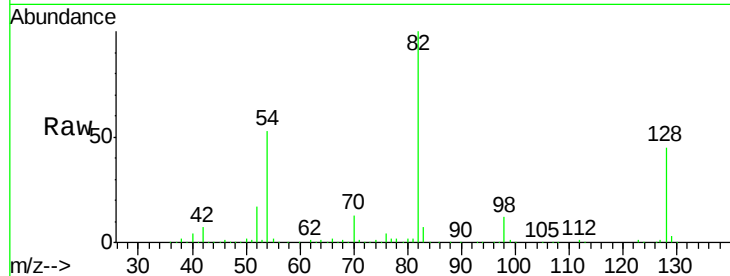
#23
 Nitrobenzene-d5
 Concen: 88.801 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF113233.D
 Acq: 22 Mar 2019 14:31

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	828175		
128	45.3	36.3	54.5	
54	53.5	43.7	65.5	

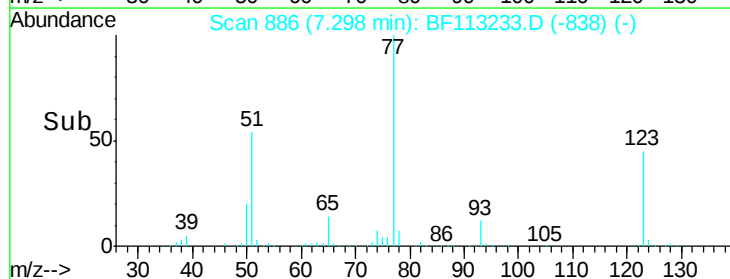
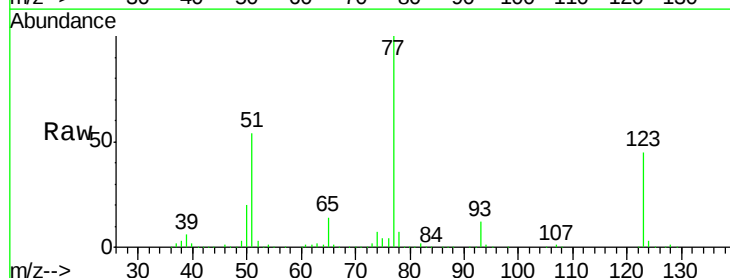
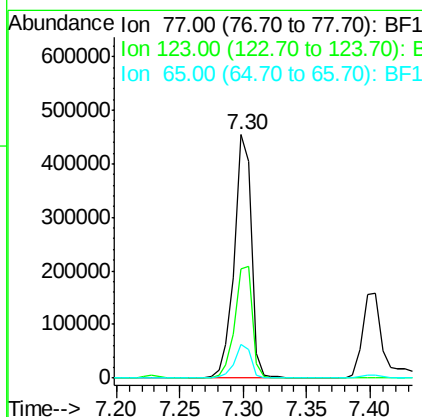
Manual Integrations
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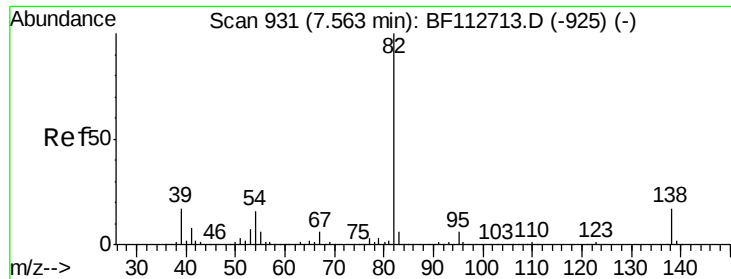
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#24
 Nitrobenzene
 Concen: 40.257 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF113233.D
 Acq: 22 Mar 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	417872		
123	44.7	37.8	56.6	
65	13.7	11.1	16.7	





#25

Isophorone

Concen: 38.232 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

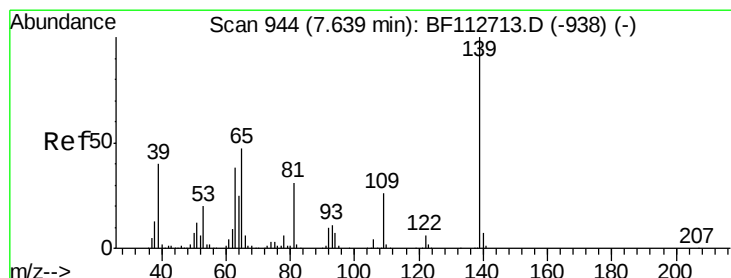
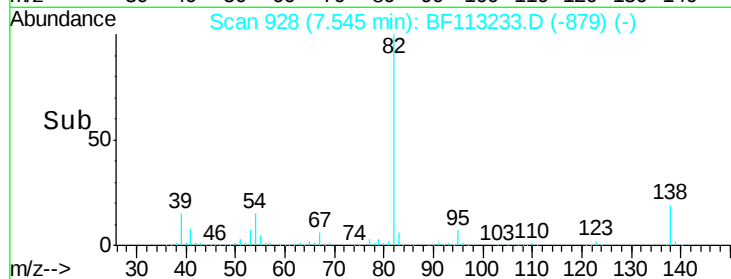
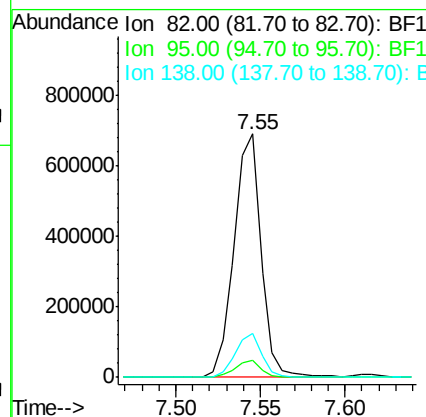
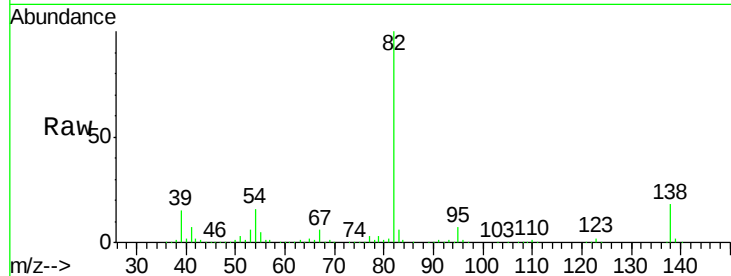
ClientSampleId :

S4B(2-10)MS

Tgt Ion:	82	Resp:	768155
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	18.2	13.8	20.8

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#26

2-Nitrophenol

Concen: 55.902 ng

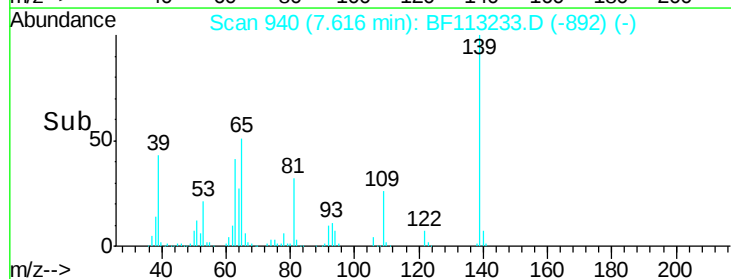
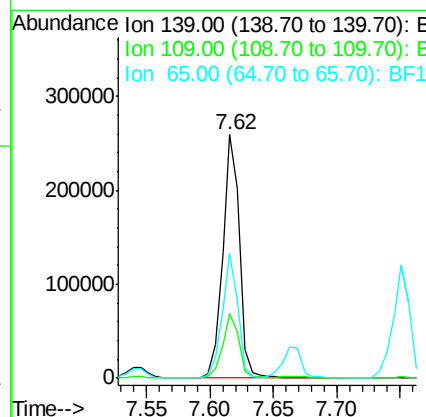
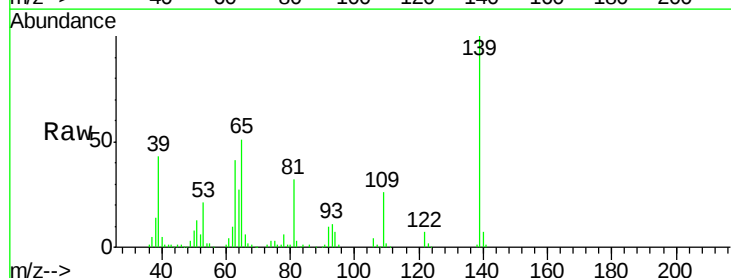
RT: 7.62 min Scan# 940

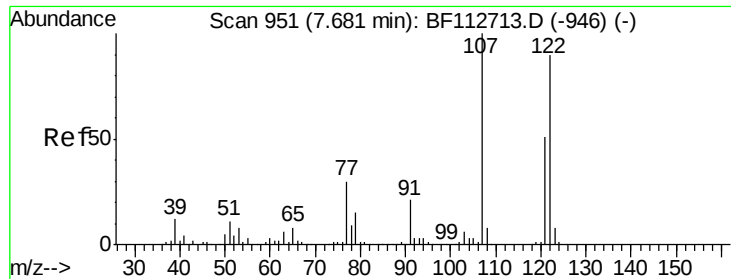
Delta R.T. -0.02 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Tgt Ion:	139	Resp:	241552
Ion Ratio	Lower	Upper	
139	100		
109	26.3	20.6	31.0
65	51.4	37.9	56.9





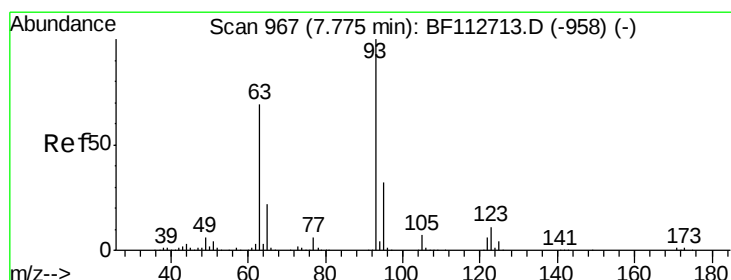
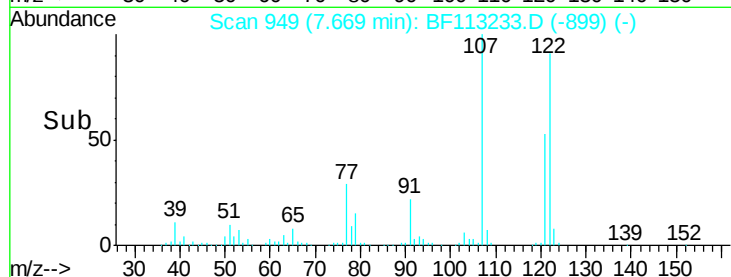
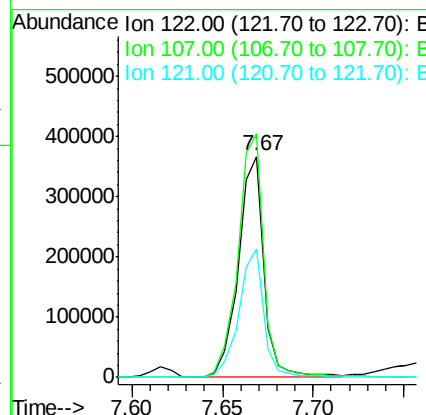
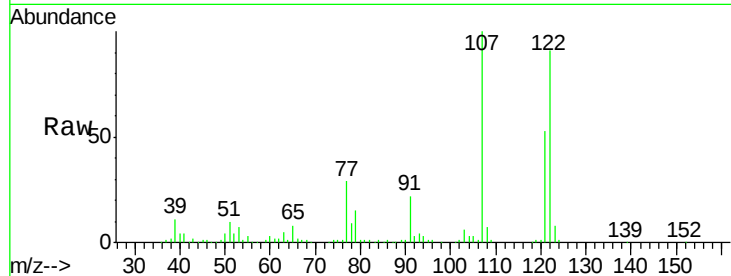
#27
2,4-Dimethylphenol
Concen: 44.865 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	360658		
107	110.2	89.4	134.0	
121	58.1	45.5	68.3	

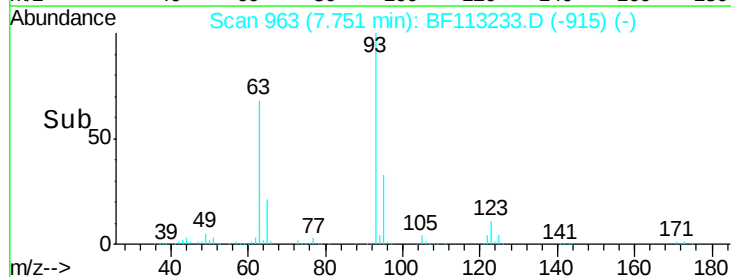
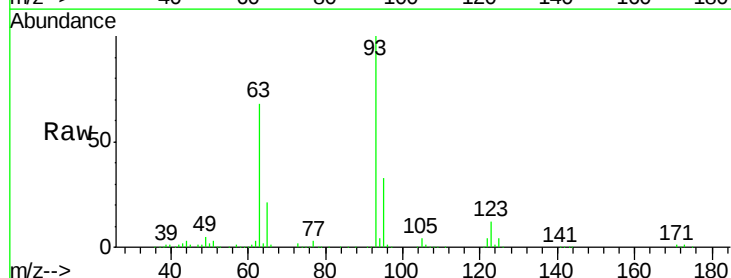
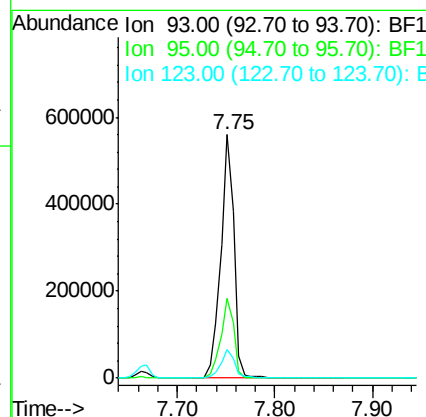
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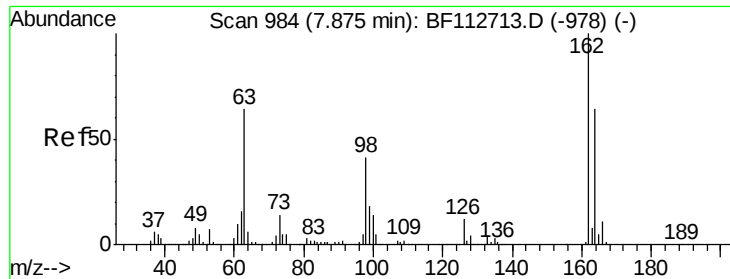
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#28
bis(2-Chloroethoxy)methane
Concen: 41.867 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.02 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	525924		
95	32.6	26.0	39.0	
123	11.5	9.3	13.9	





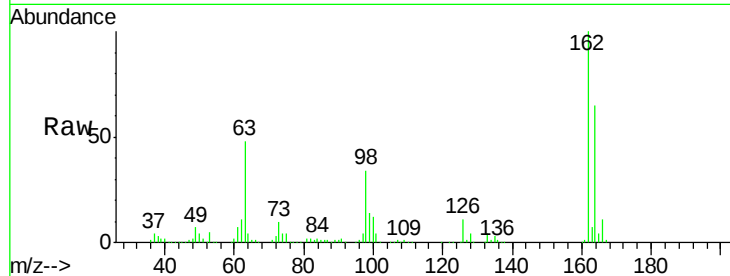
#29
2,4-Dichlorophenol
Concen: 47.305 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

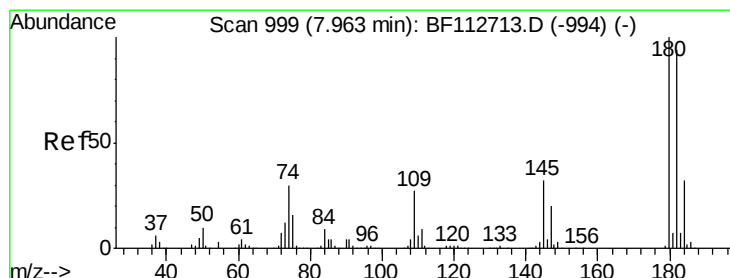
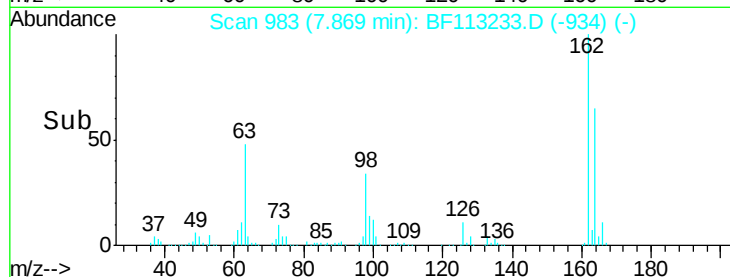
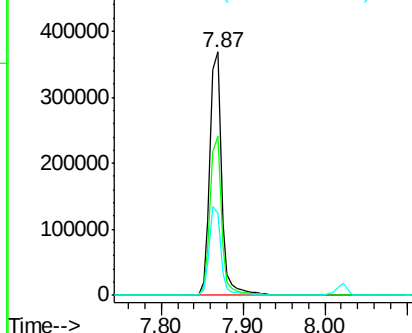
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	368773		
164	65.3	44.0	84.0	
98	33.8	20.7	60.7	

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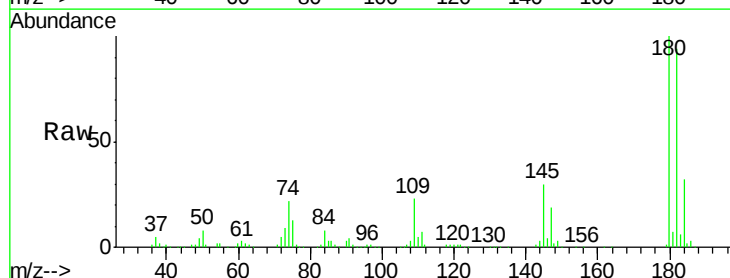


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

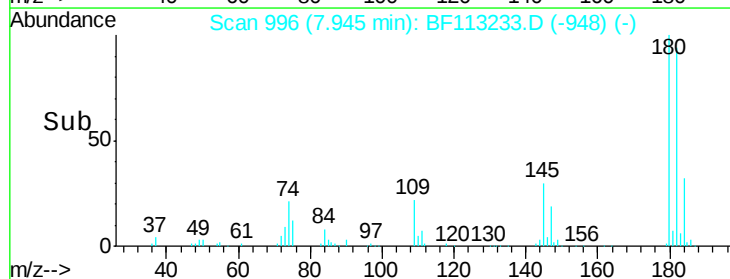
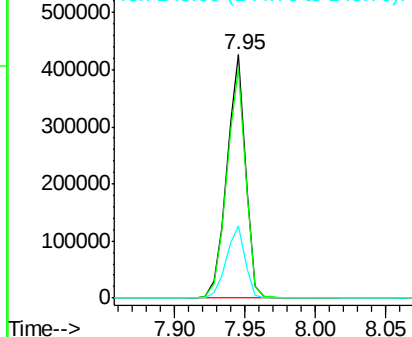


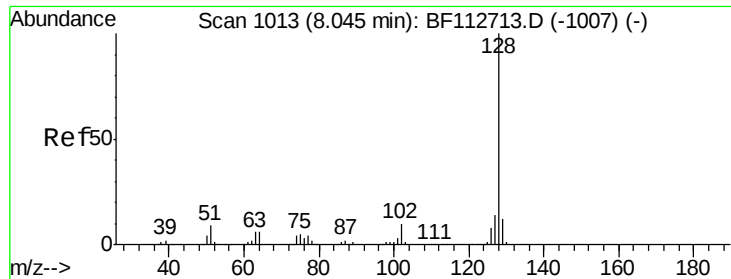
#30
1,2,4-Trichlorobenzene
Concen: 46.718 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.02 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	391320		
182	94.3	75.2	112.8	
145	29.6	25.4	38.0	



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





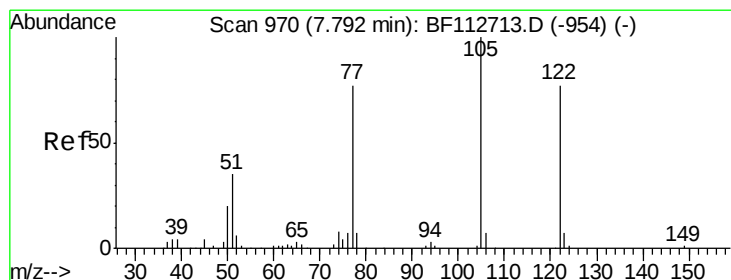
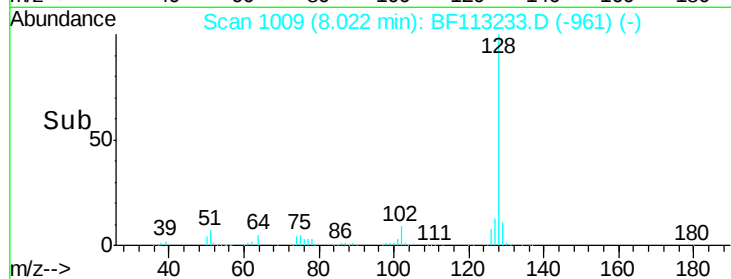
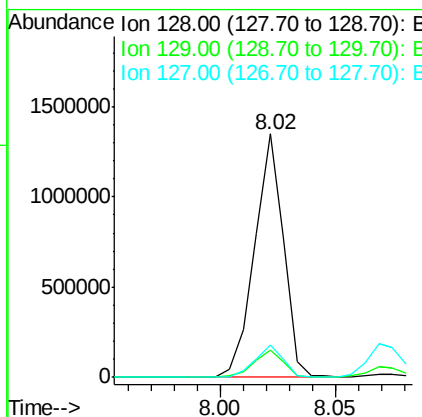
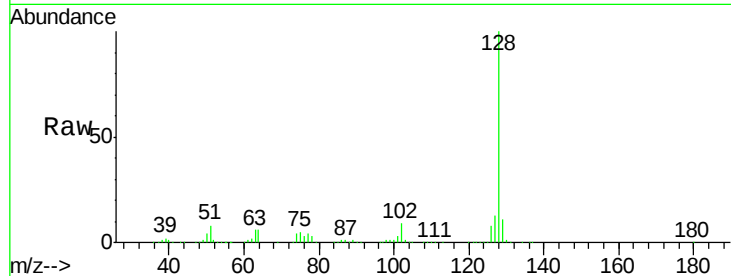
#31
Naphthalene
Concen: 42.728 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	13.5	10.9	16.3

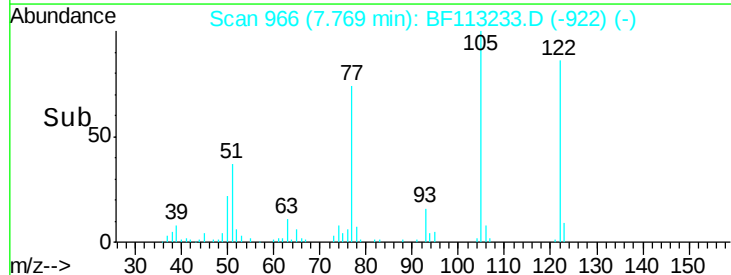
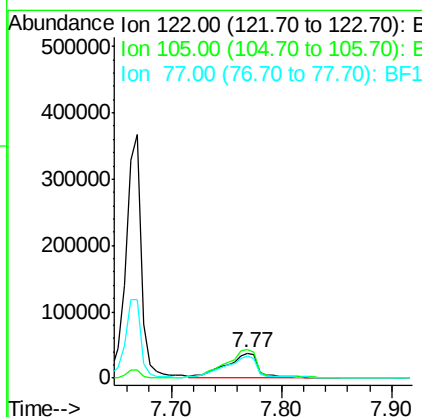
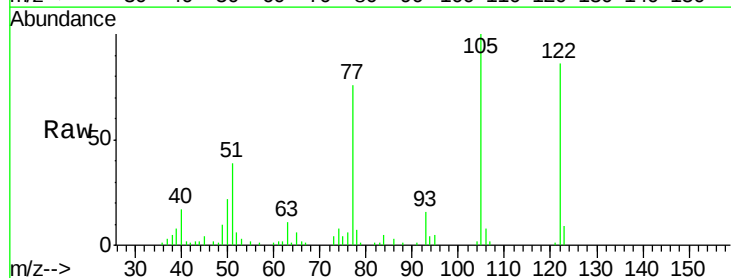
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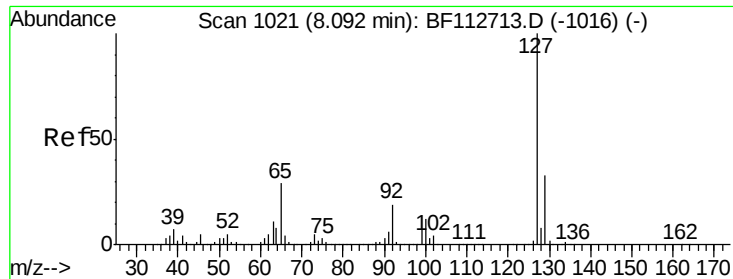
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#32
Benzoic acid
Concen: 13.699 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.04 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.8	106.8	146.8
77	88.1	79.4	119.4





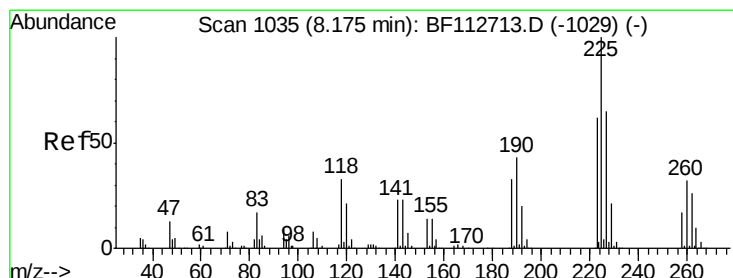
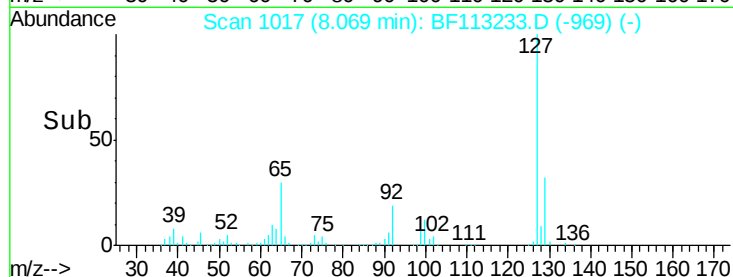
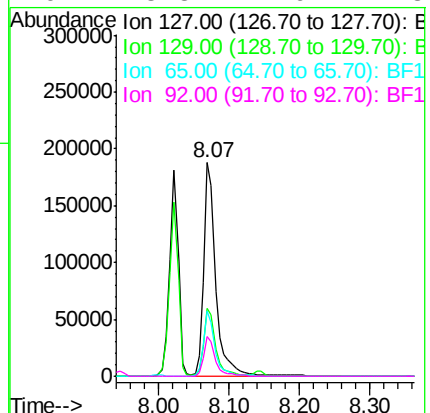
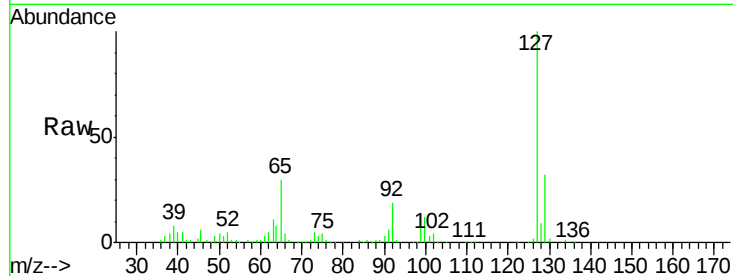
#33
4-Chloroaniline
Concen: 19.405 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	227717		
129	31.8	26.4	39.6	
65	30.3	23.1	34.7	
92	18.8	14.9	22.3	

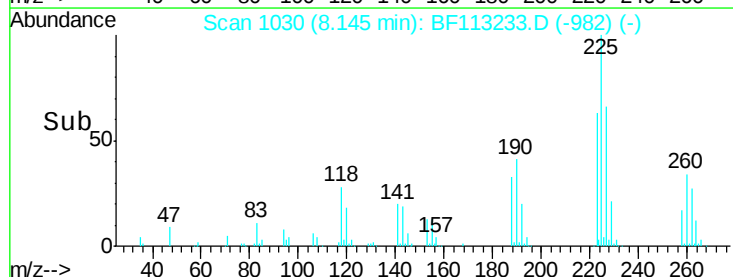
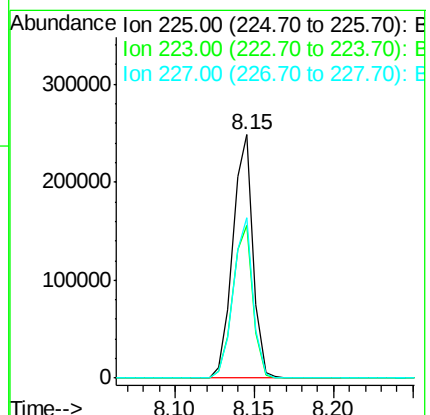
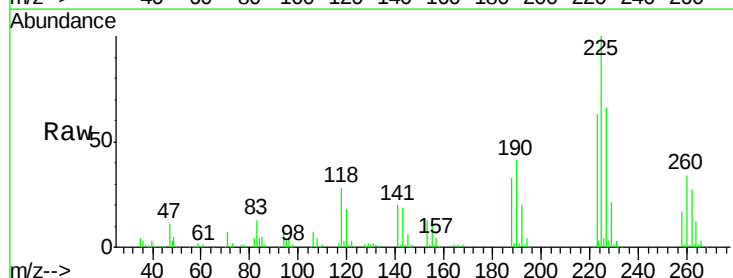
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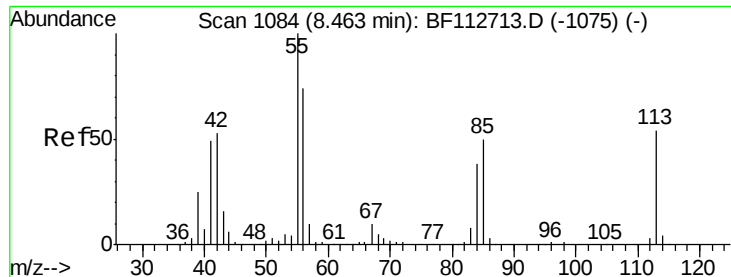
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#34
Hexachlorobutadiene
Concen: 46.378 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	219087		
223	62.7	49.7	74.5	
227	65.6	52.1	78.1	





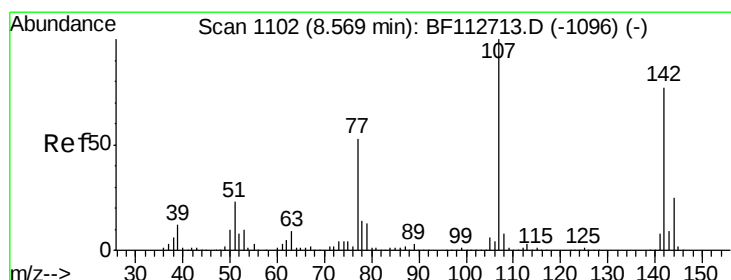
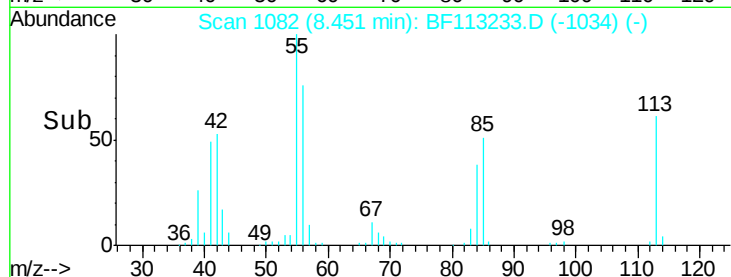
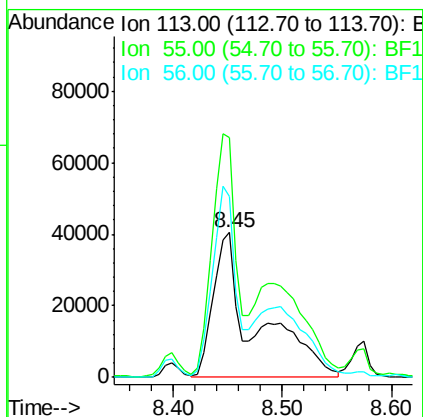
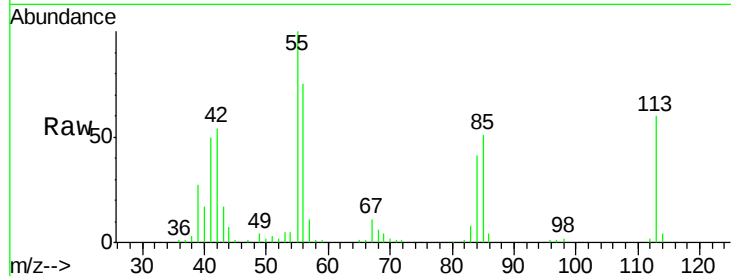
#35
 Caprolactam
 Concen: 39.557 ng m
 RT: 8.45 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF113233.D
 Acq: 22 Mar 2019 14:31

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	165.6	163.5	203.5
56	124.9	115.3	155.3

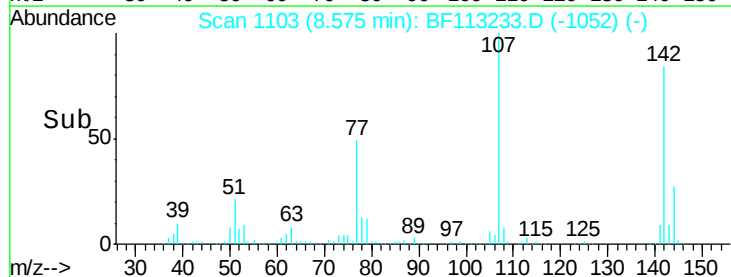
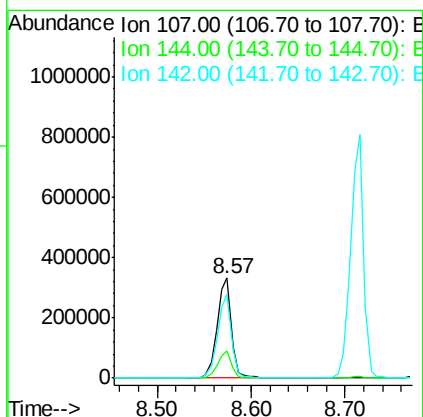
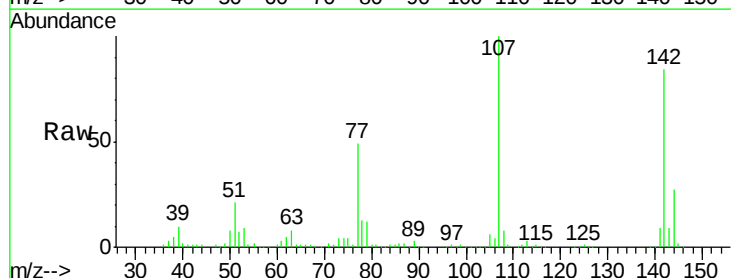
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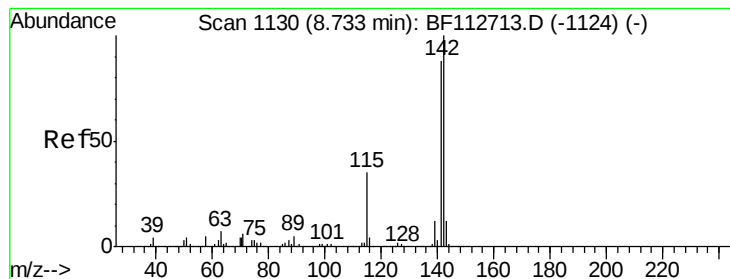
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#36
 4-Chloro-3-methylphenol
 Concen: 41.194 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BF113233.D
 Acq: 22 Mar 2019 14:31

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.4	20.1	30.1
142	84.2	61.9	92.9





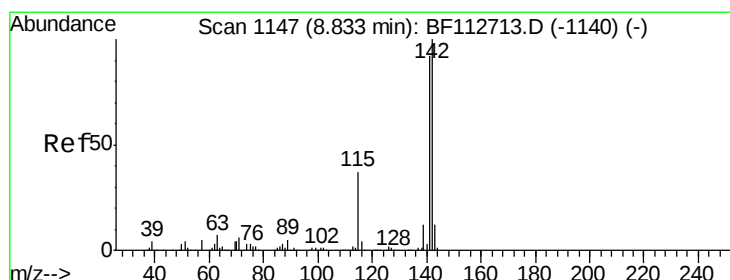
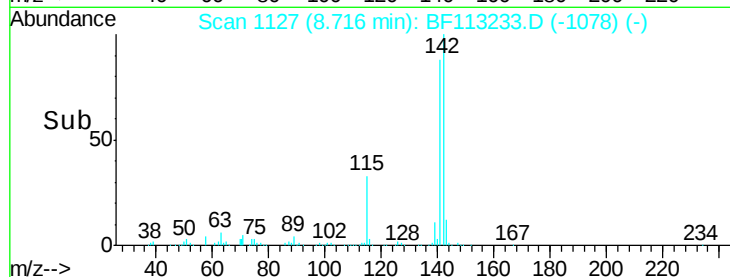
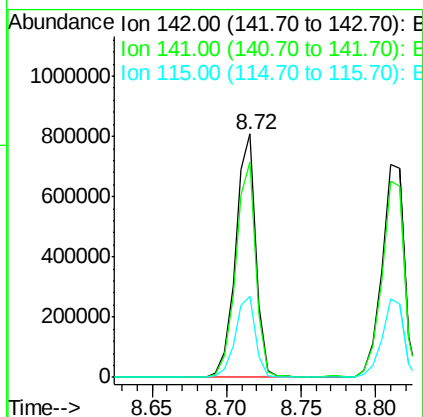
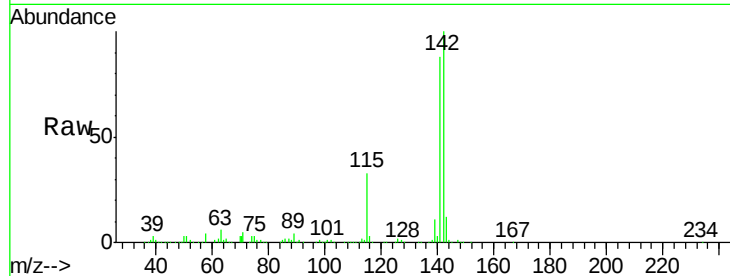
#37
2-Methylnaphthalene
Concen: 43.039 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.3	105.5
115	33.3	27.8	41.6

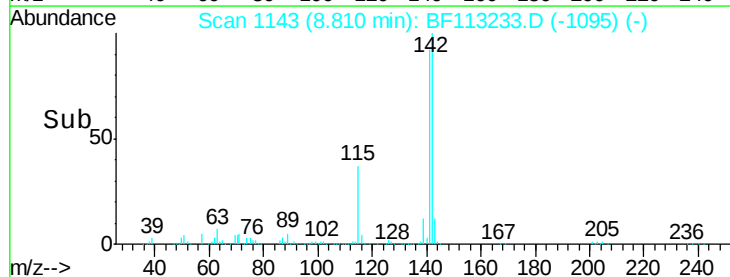
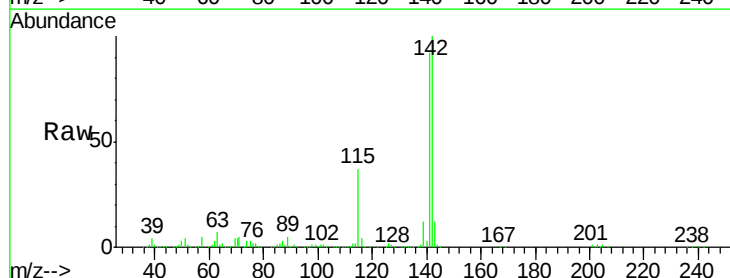
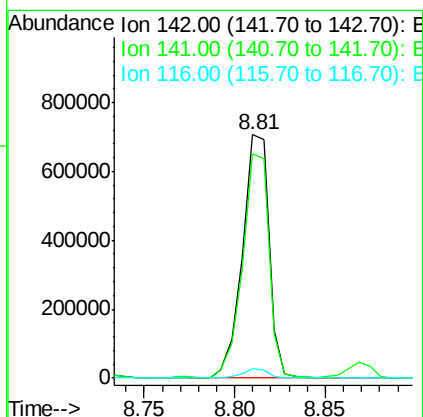
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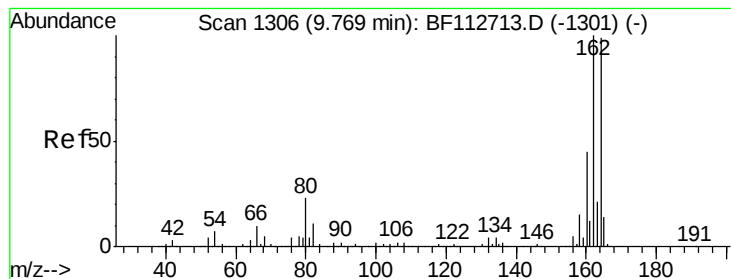
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#38
1-Methylnaphthalene
Concen: 41.448 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.02 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.7	110.5
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF113233.D

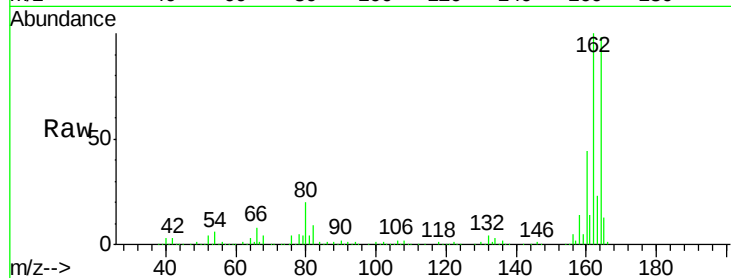
Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

ClientSampleId :

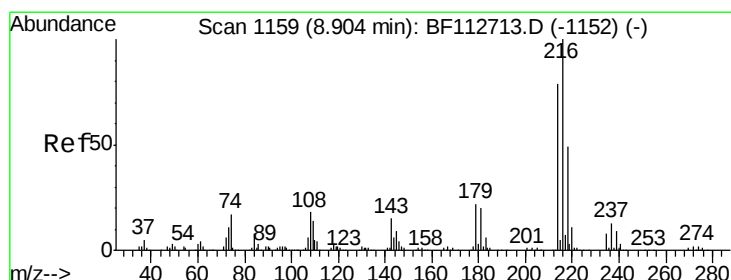
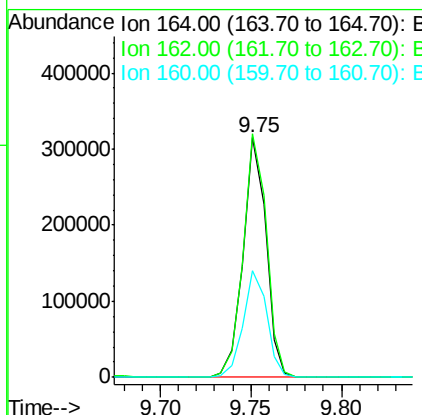
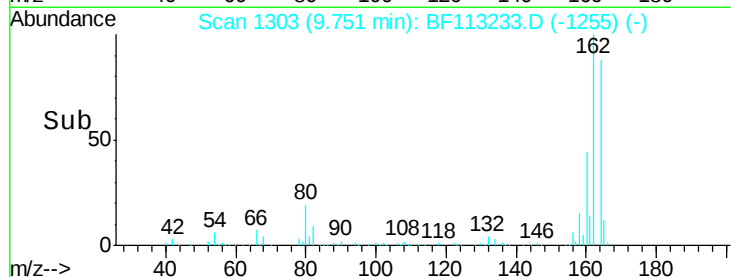
S4B(2-10)MS



Tgt Ion	Ratio	Resp	Lower	Upper
164	100	277616		
162	101.7	80.6	120.8	
160	44.4	36.0	54.0	

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.056 ng

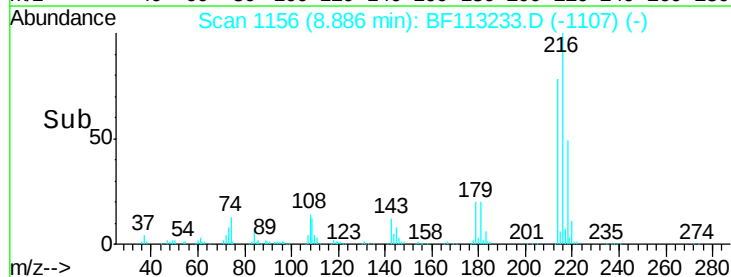
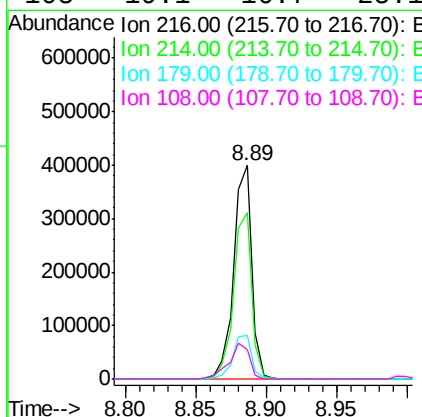
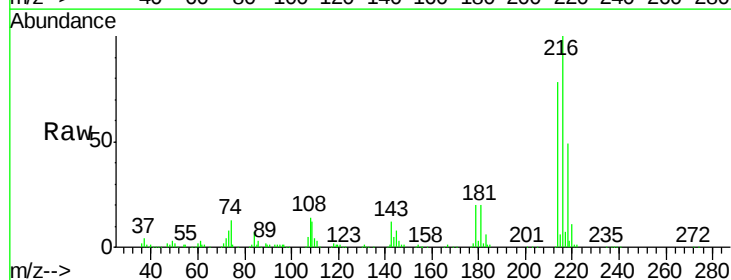
RT: 8.89 min Scan# 1156

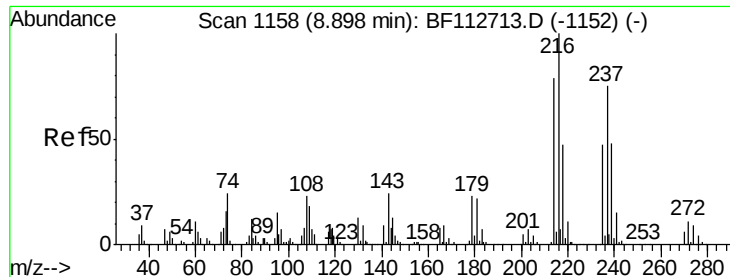
Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	356656		
214	78.8	63.2	94.8	
179	20.8	17.5	26.3	
108	19.1	16.7	25.1	





#41

Hexachlorocyclopentadiene

Concen: 82.706 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

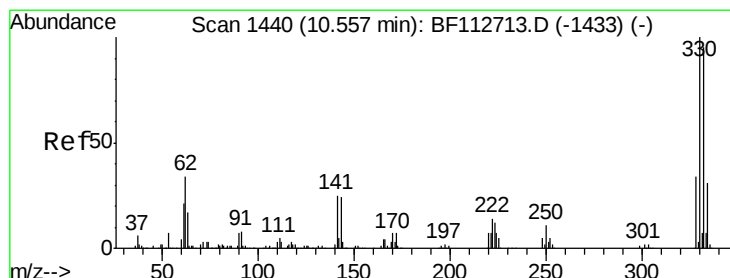
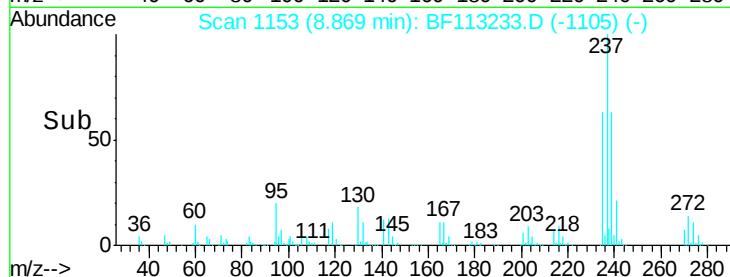
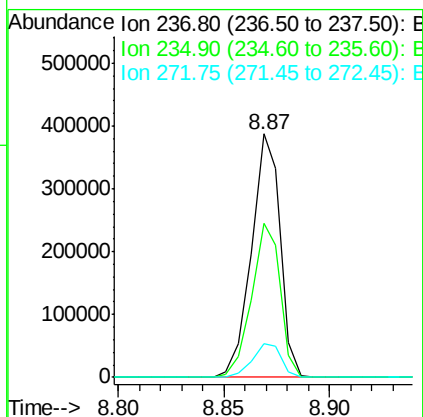
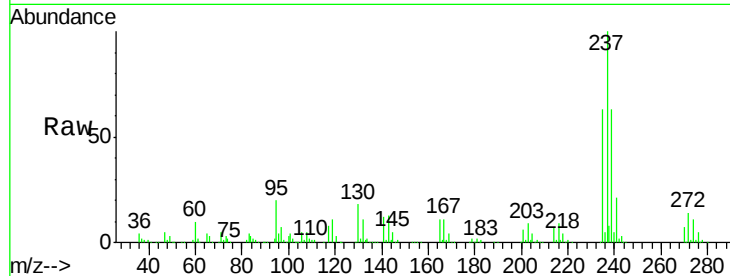
ClientSampleId :

S4B(2-10)MS

Tgt Ion:	237	Resp:	366648
Ion Ratio	Lower	Upper	
237	100		
235	63.5	42.2	82.2
272	13.7	0.0	34.0

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#42

2,4,6-Tribromophenol

Concen: 156.178 ng

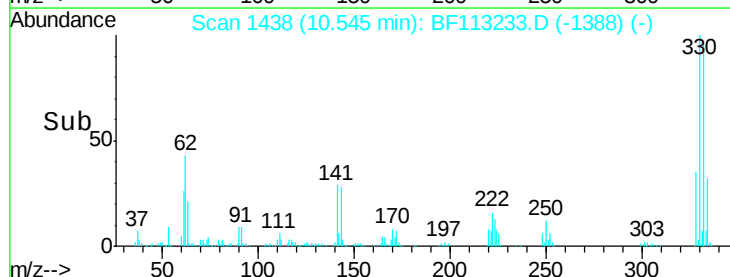
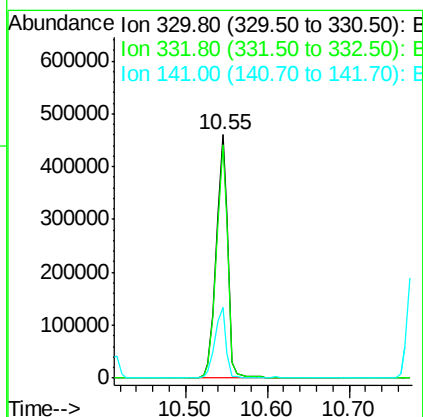
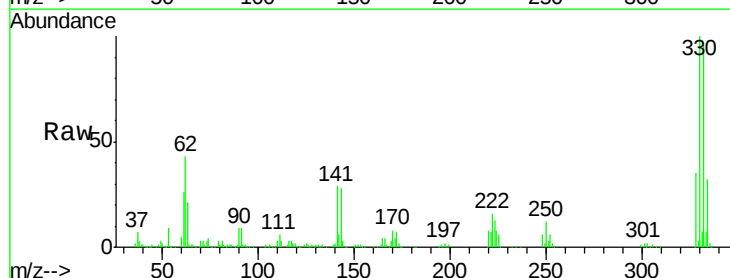
RT: 10.55 min Scan# 1438

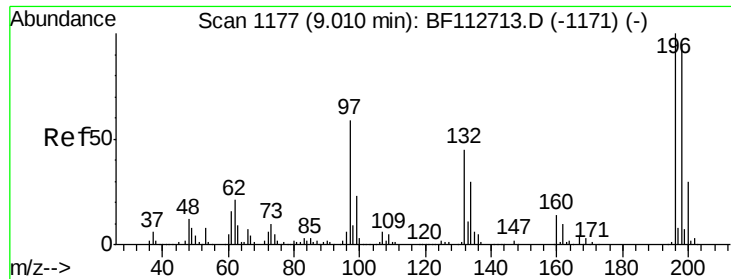
Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Tgt Ion:	330	Resp:	460295
Ion Ratio	Lower	Upper	
330	100		
332	95.5	76.2	114.4
141	27.9	27.0	40.6





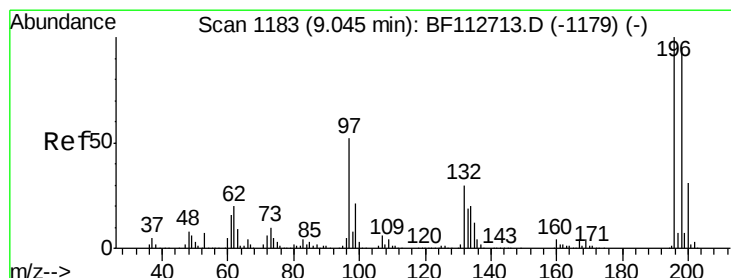
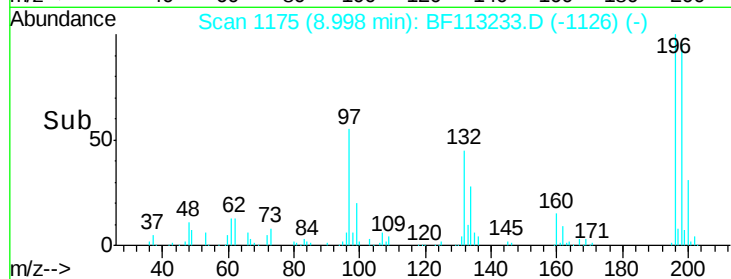
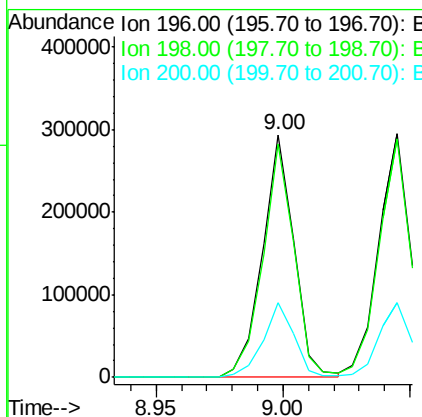
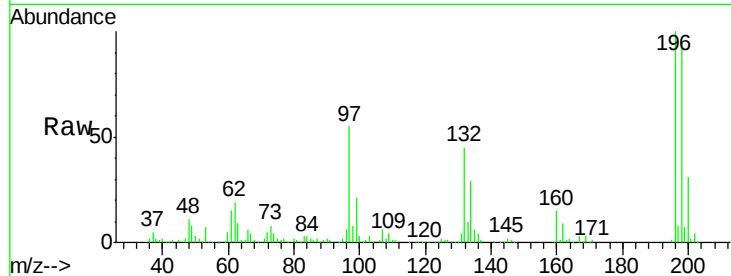
#43
 2,4,6-Trichlorophenol
 Concen: 45.657 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF113233.D
 Acq: 22 Mar 2019 14:31

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MS

Tgt Ion:	196	Resp:	254385
Ion Ratio	Lower	Upper	
196	100		
198	95.9	75.8	113.8
200	30.8	24.3	36.5

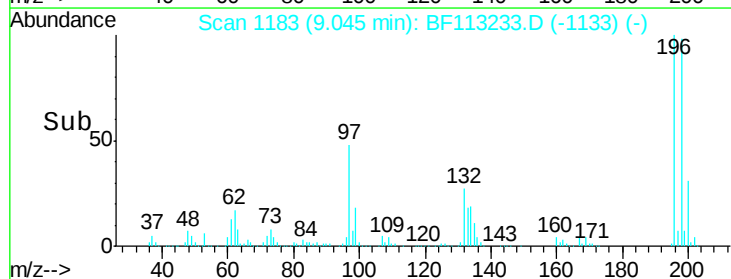
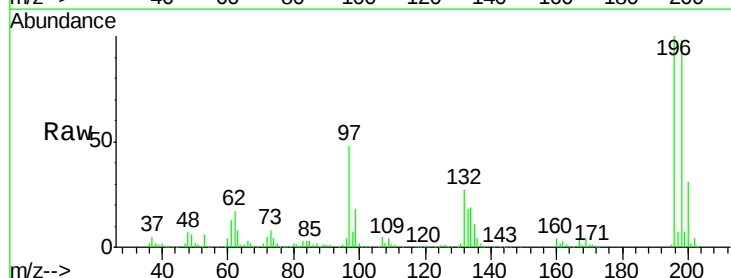
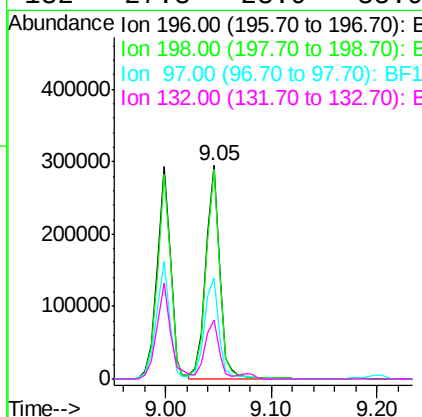
Manual Integrations
 APPROVED

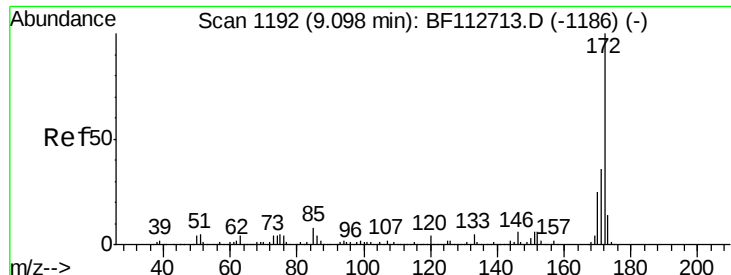
Sohil
 3/25/2019 6:32:38 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.881 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113233.D
 Acq: 22 Mar 2019 14:31

Tgt Ion:	196	Resp:	270281
Ion Ratio	Lower	Upper	
196	100		
198	98.0	76.2	114.2
97	47.6	41.5	62.3
132	27.3	23.9	35.9





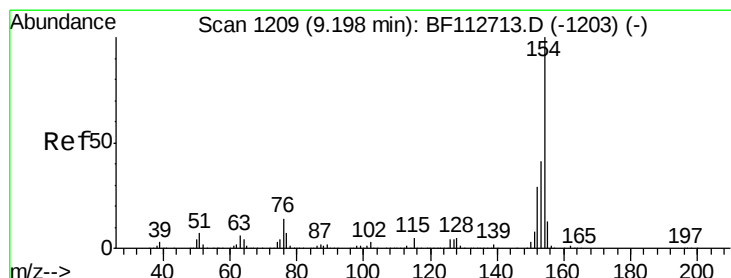
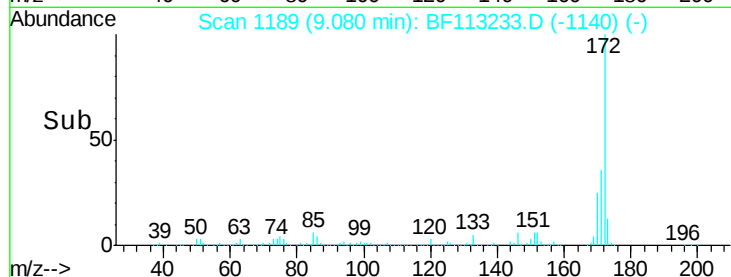
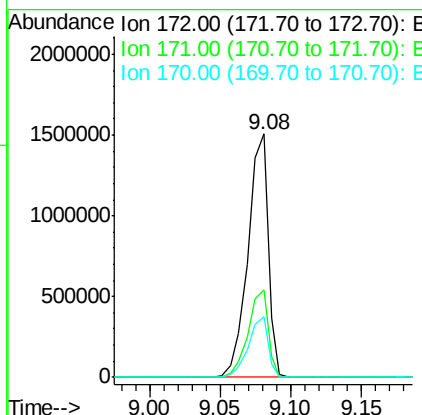
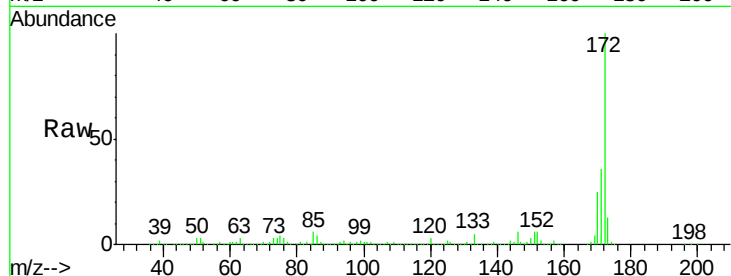
#45
2-Fluorobiphenyl
Concen: 93.782 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.8	20.0	30.0

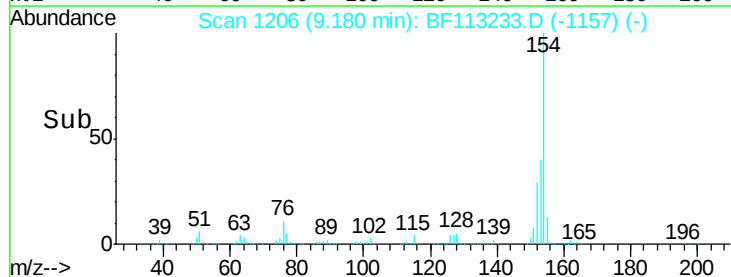
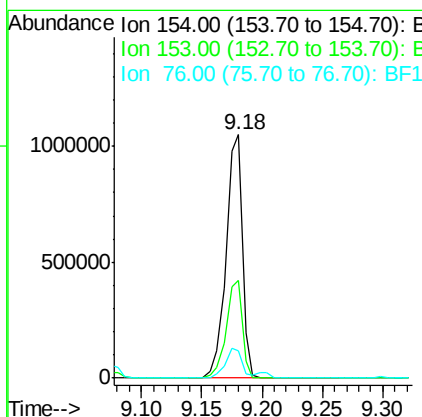
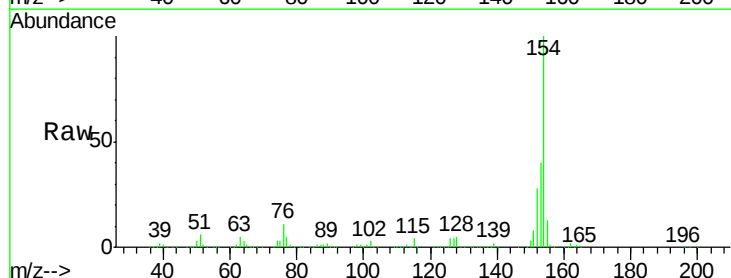
Manual Integrations
APPROVED

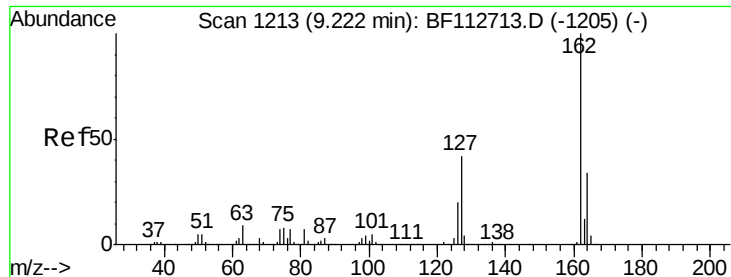
Sohil
3/25/2019 6:32:38 PM



#46
1,1'-Biphenyl
Concen: 43.393 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.8	60.8
76	11.1	0.0	33.8





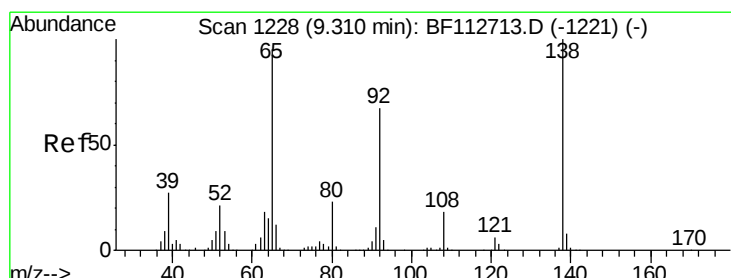
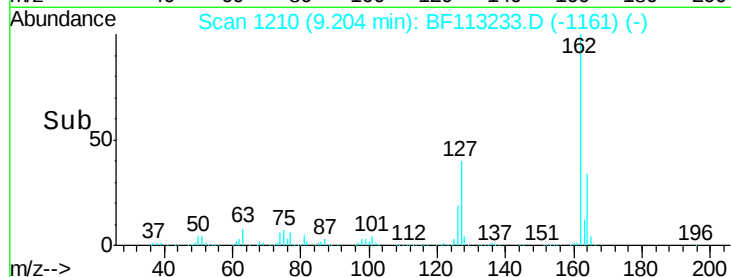
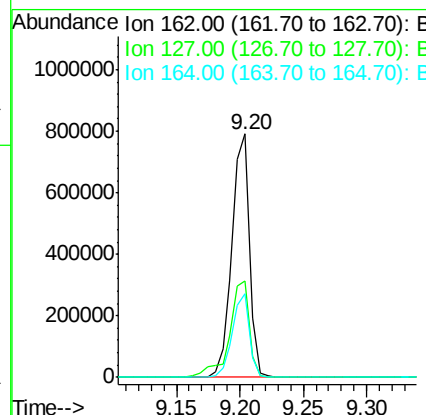
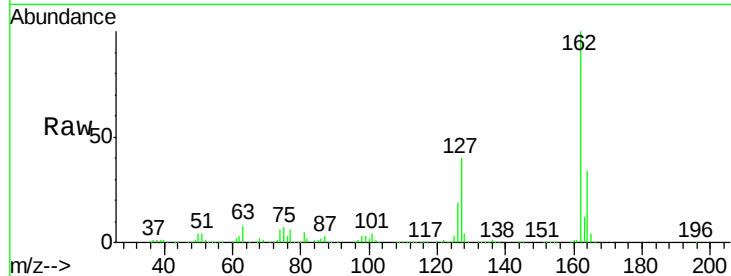
#47
 2-Chloronaphthalene
 Concen: 42.824 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF113233.D
 Acq: 22 Mar 2019 14:31

Instrument :
 BNA_F
 ClientSampled :
 S4B(2-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	757171		
127	39.7	33.4	50.2	
164	34.1	26.9	40.3	

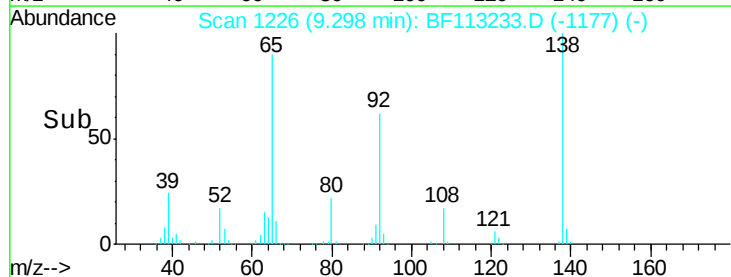
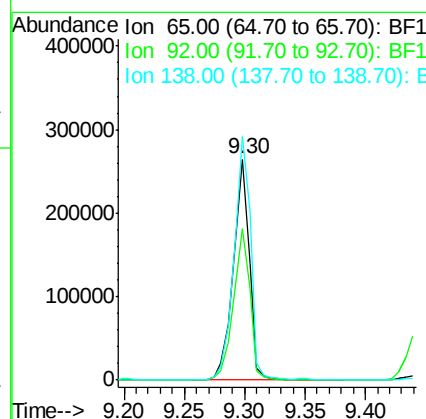
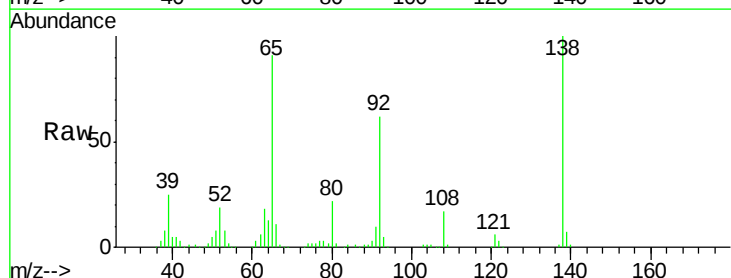
Manual Integrations
 APPROVED

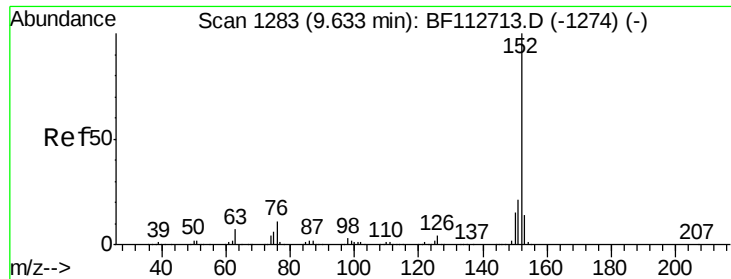
Sohil
 3/25/2019 6:32:38 PM



#48
 2-Nitroaniline
 Concen: 45.760 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF113233.D
 Acq: 22 Mar 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	245925		
92	68.4	56.4	84.6	
138	110.2	84.6	126.8	





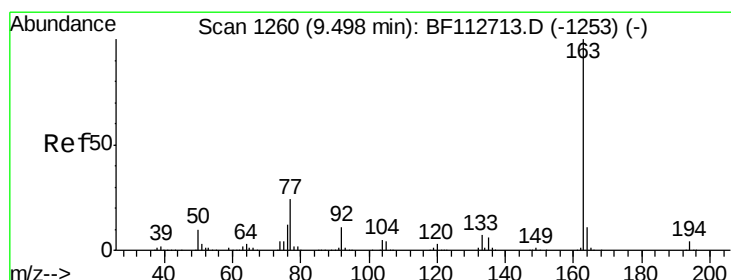
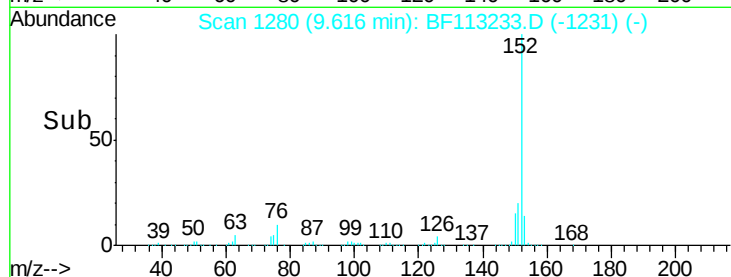
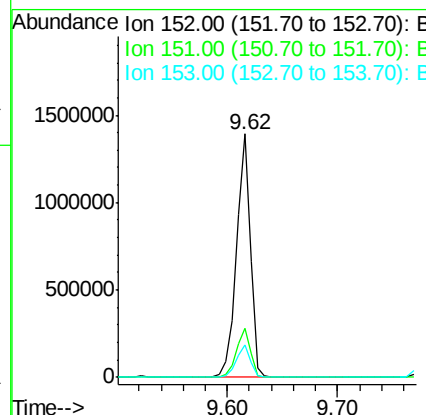
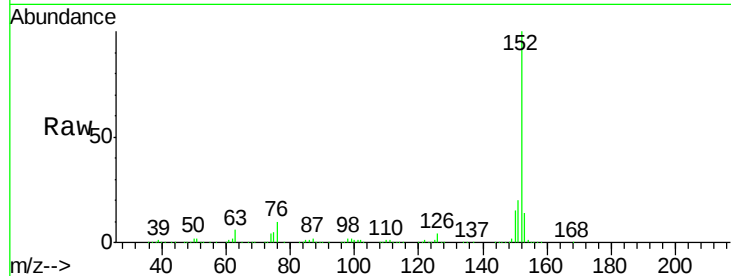
#49
Acenaphthylene
Concen: 41.134 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.9	25.3
153	13.5	11.0	16.6

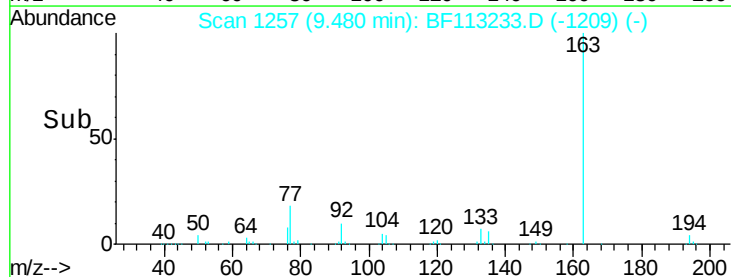
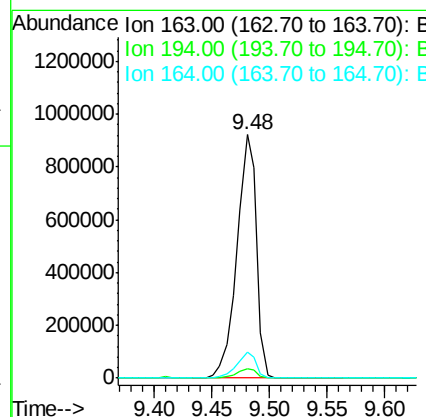
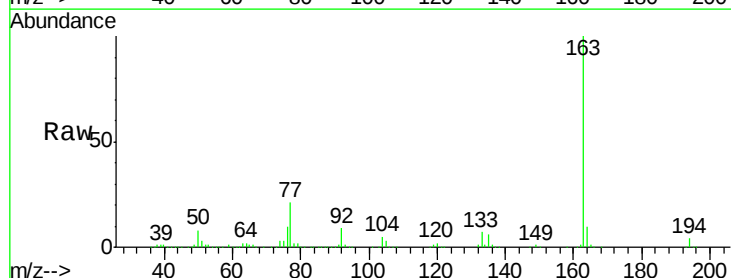
Manual Integrations
APPROVED

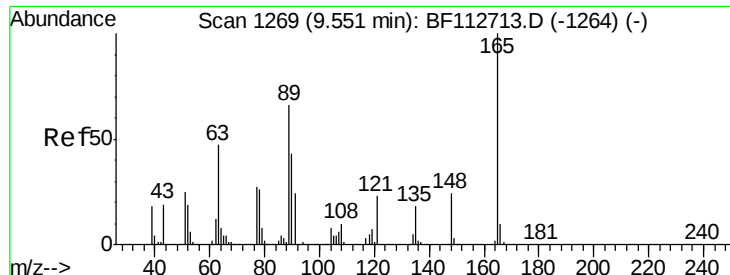
Sohil
3/25/2019 6:32:38 PM



#50
Dimethylphthalate
Concen: 52.457 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.4	8.4	12.6





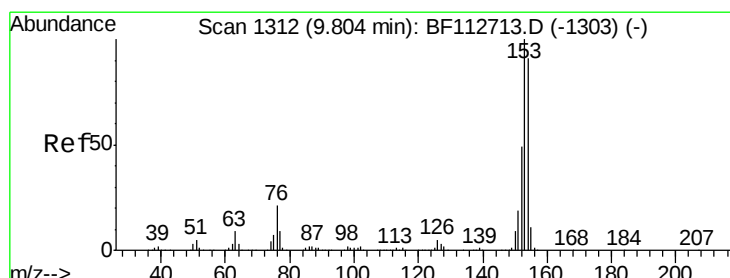
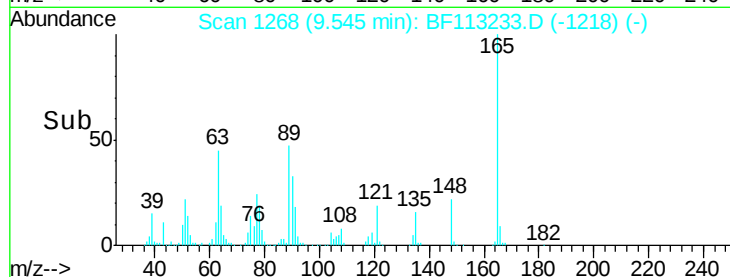
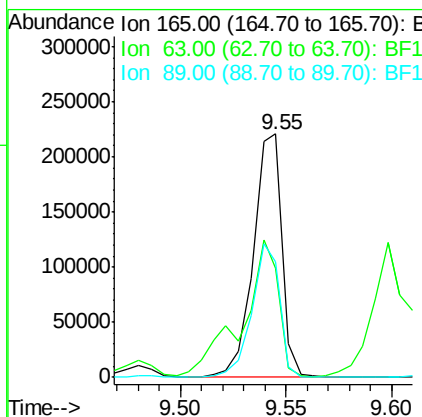
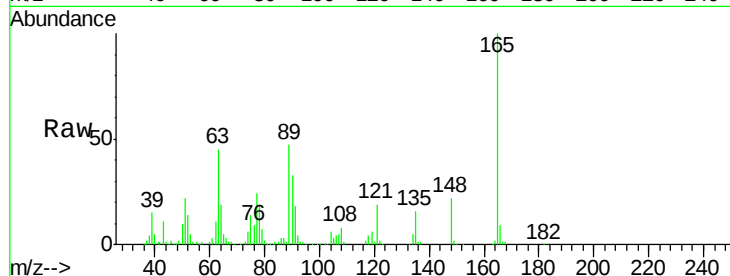
#51
2,6-Dinitrotoluene
Concen: 49.020 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	44.7	54.1	81.1#
89	47.3	52.8	79.2#

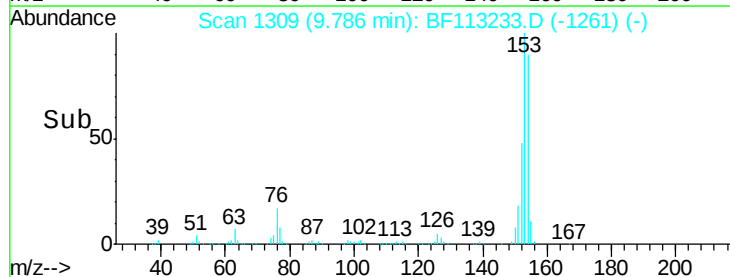
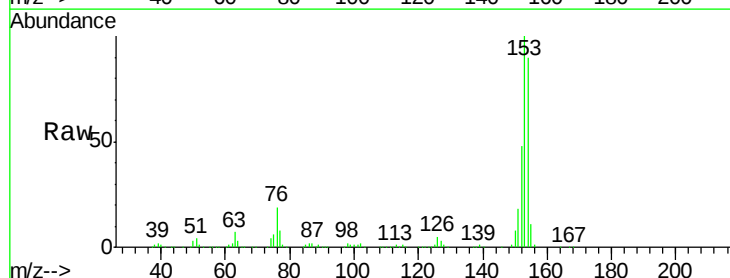
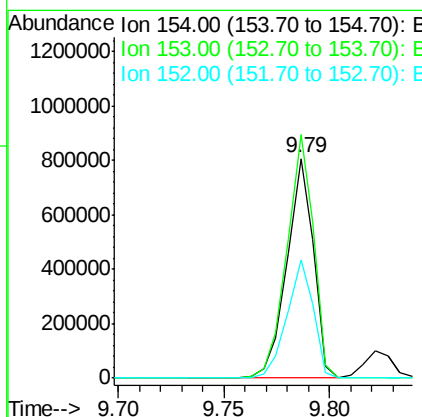
Manual Integrations
APPROVED

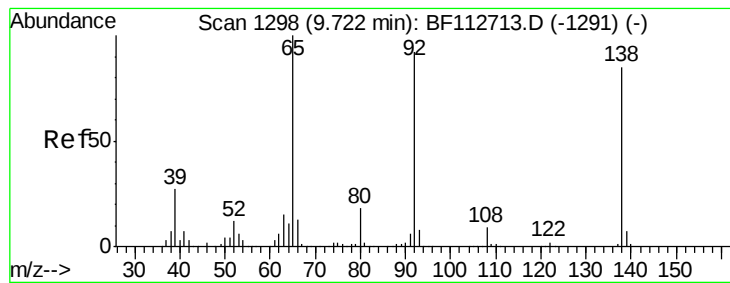
Sohil
3/25/2019 6:32:38 PM



#52
Acenaphthene
Concen: 40.418 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	110.7	87.8	131.8
152	53.7	43.0	64.6





#53

3-Nitroaniline

Concen: 32.139 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

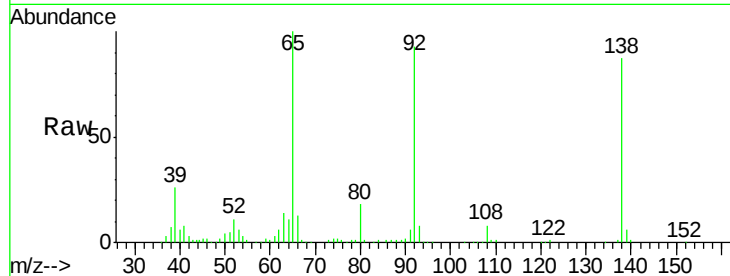
ClientSampleId :

S4B(2-10)MS

Tgt Ion:	138	Resp:	166933
Ion Ratio	Lower	Upper	
138	100		
108	9.5	8.6	13.0
92	106.1	86.6	129.8

Manual Integrations
APPROVED

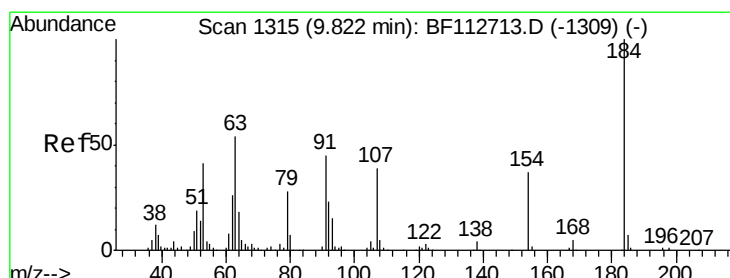
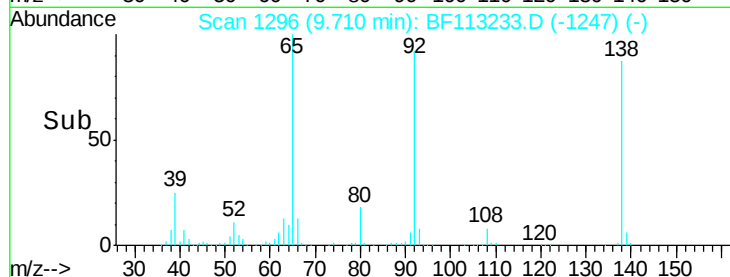
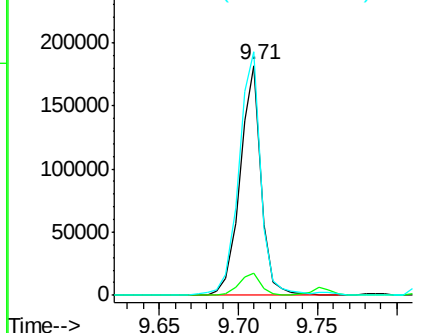
Sohil
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 102.257 ng

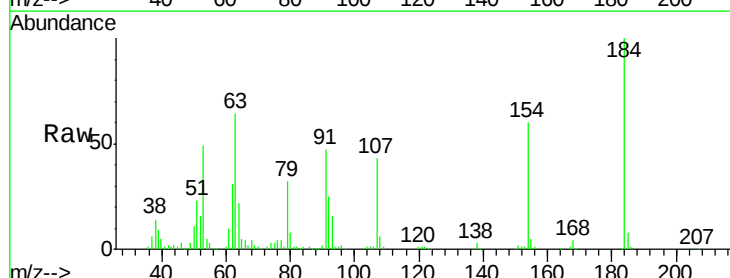
RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

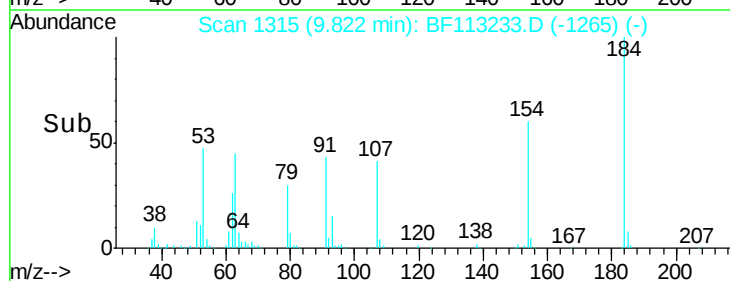
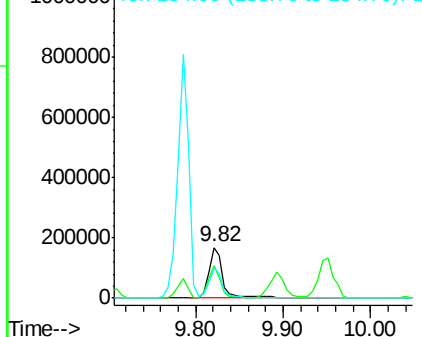
Tgt Ion:	184	Resp:	181704
Ion Ratio	Lower	Upper	
184	100		
63	64.4	45.3	67.9
154	60.1	46.0	69.0

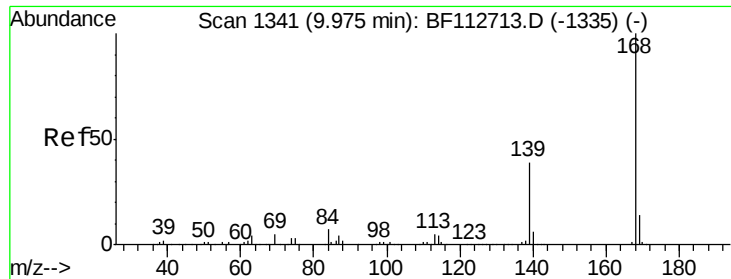


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





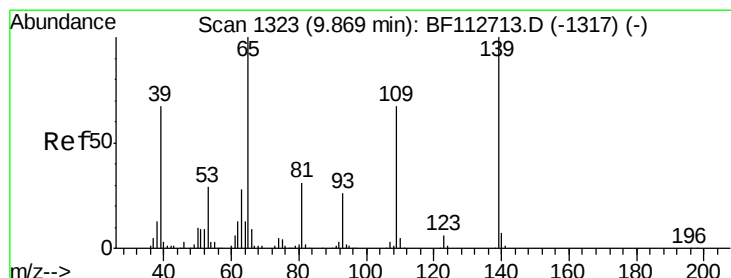
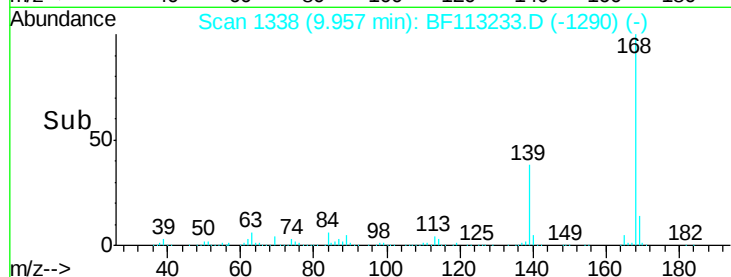
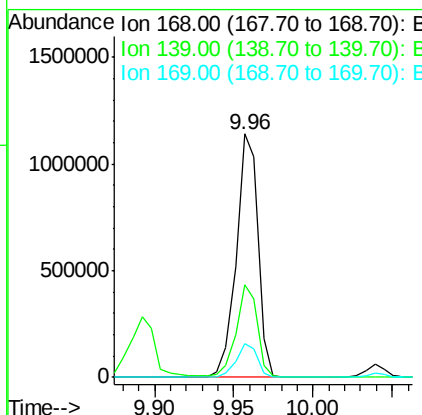
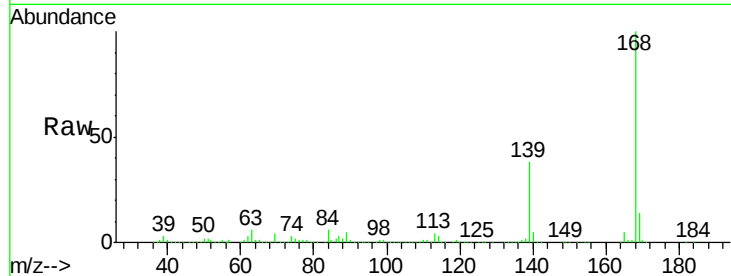
#55
Dibenzofuran
Concen: 42.428 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.0	31.3	46.9
169	14.0	11.3	16.9

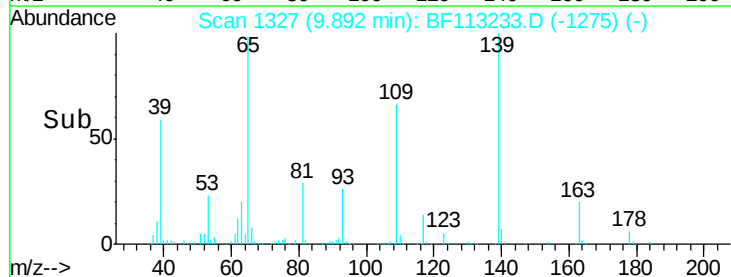
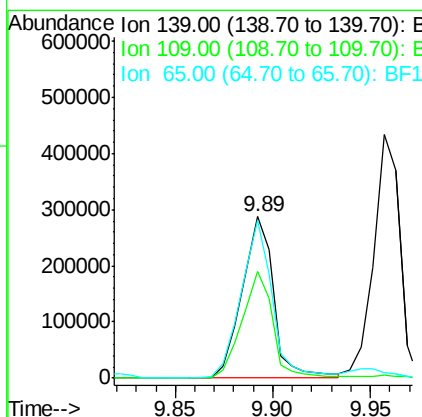
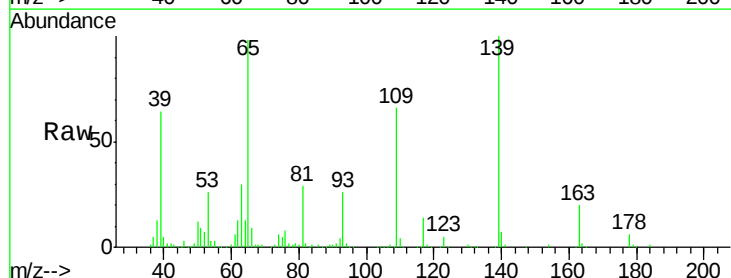
Manual Integrations
APPROVED

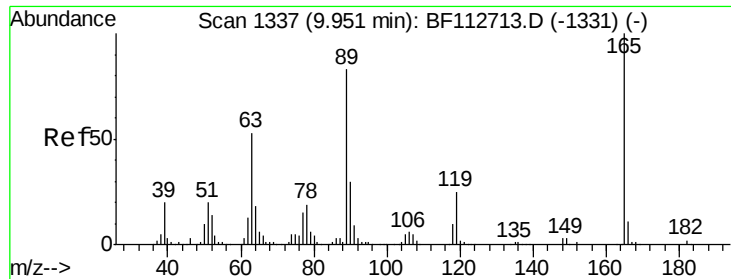
Sohil
3/25/2019 6:32:38 PM



#56
4-Nitrophenol
Concen: 76.384 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.1	46.8	86.8
65	98.3	80.7	120.7





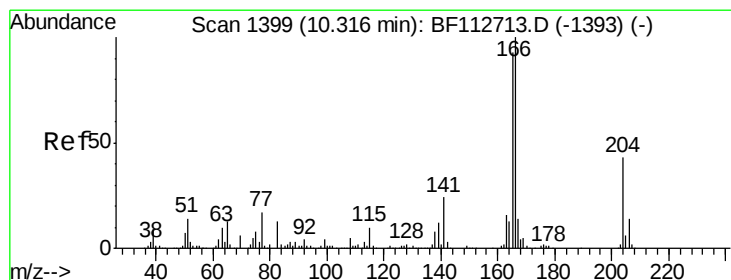
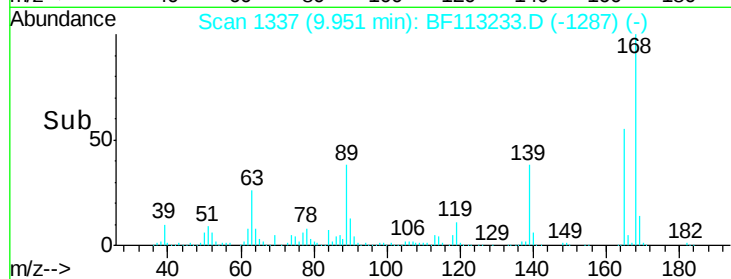
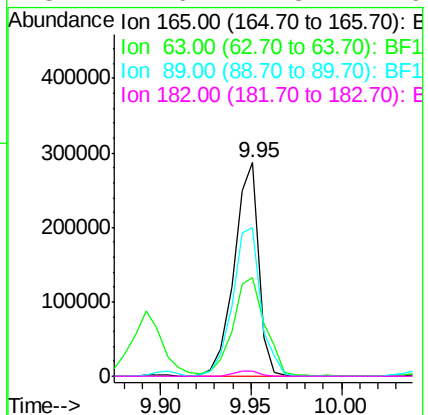
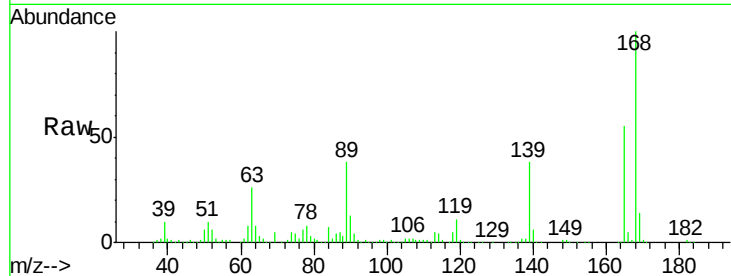
#57
2,4-Dinitrotoluene
Concen: 51.011 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	270287		
63	46.3	42.2	63.2	
89	69.4	66.2	99.4	
182	2.6	1.8	2.6	

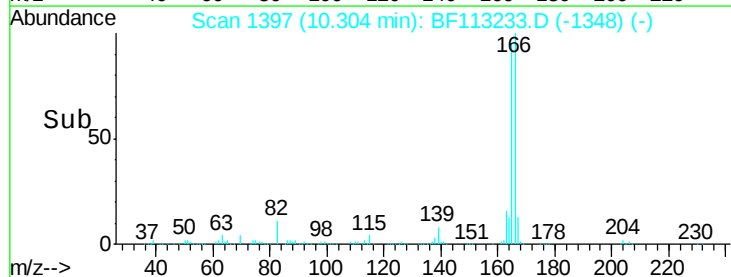
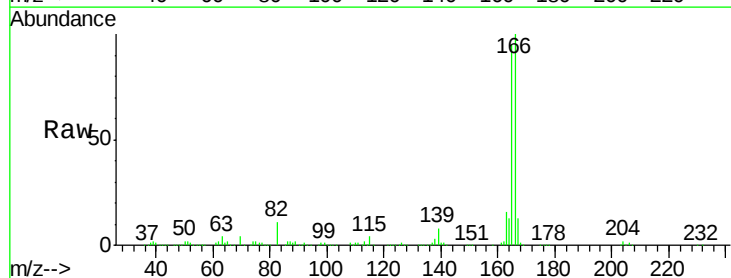
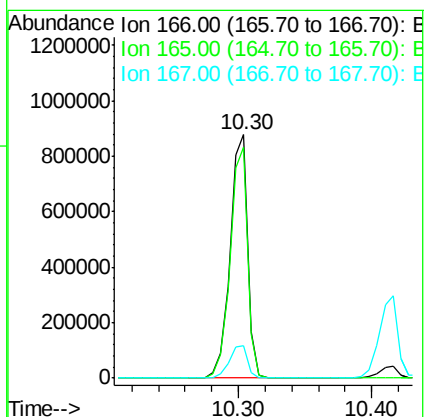
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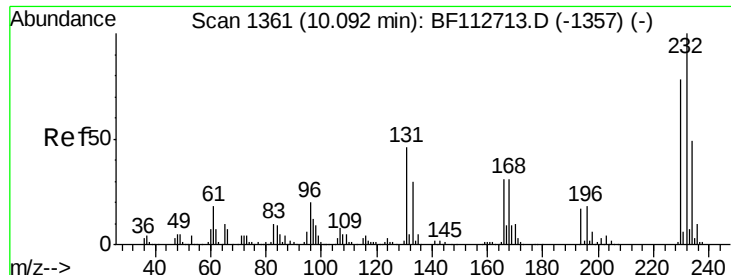
Sohil
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#58
Fluorene
Concen: 45.099 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	816625		
165	94.8	74.7	112.1	
167	13.3	11.0	16.6	





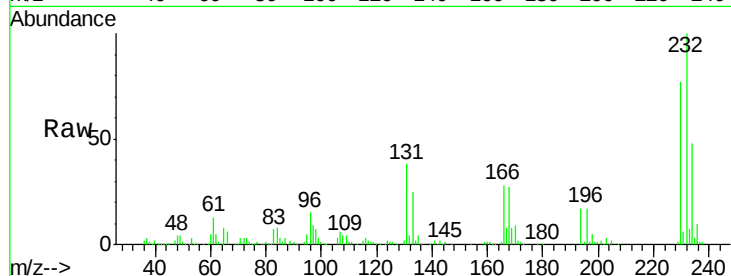
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.382 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

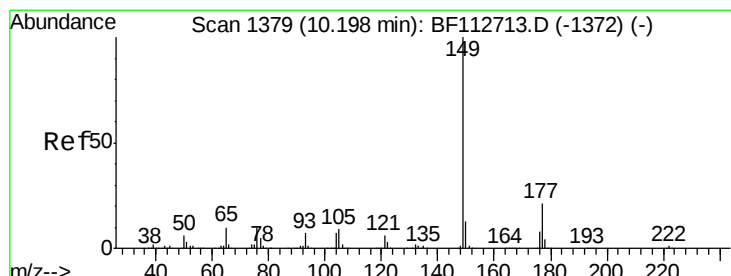
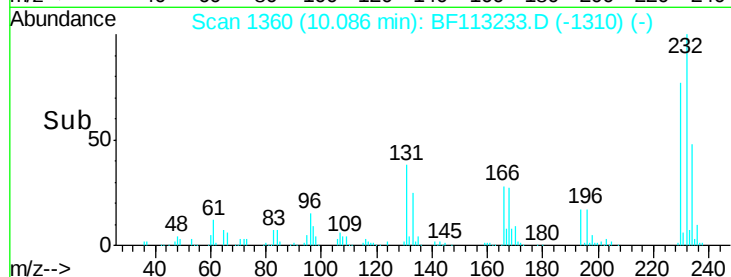
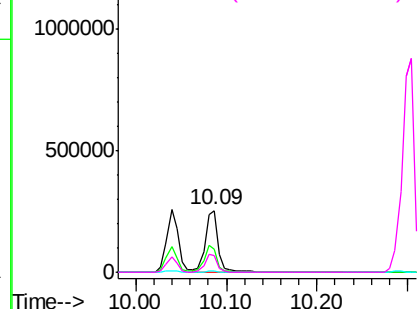
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	252786		
131	41.5	38.7	58.1	
130	2.0	1.9	2.9	
166	28.2	25.2	37.8	

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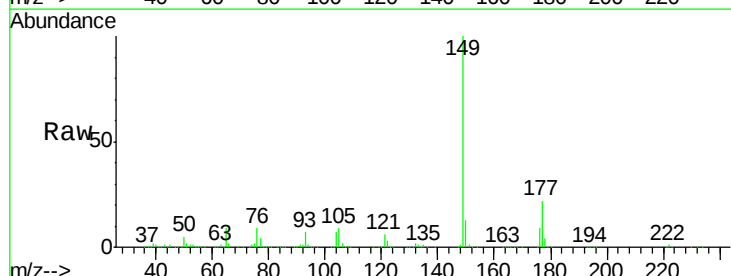


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

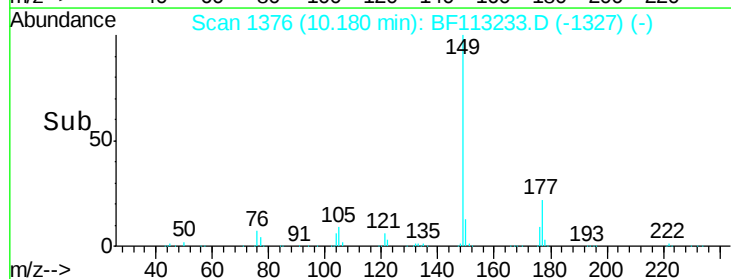
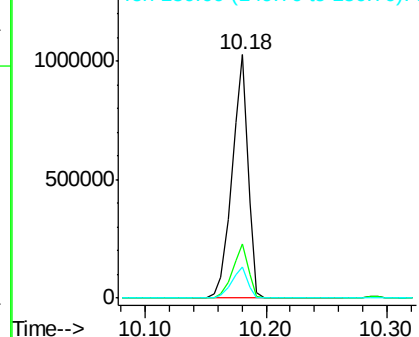


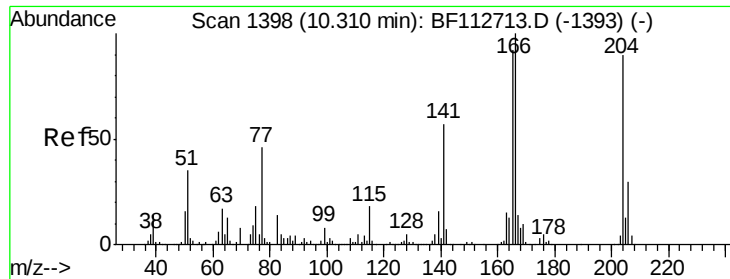
#60
Diethylphthalate
Concen: 43.247 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	934975		
177	22.3	17.0	25.6	
150	12.6	10.0	15.0	



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





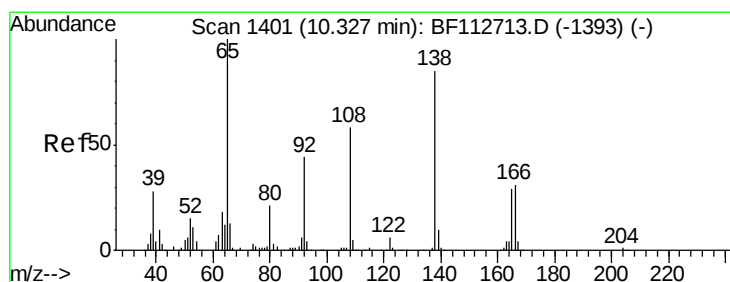
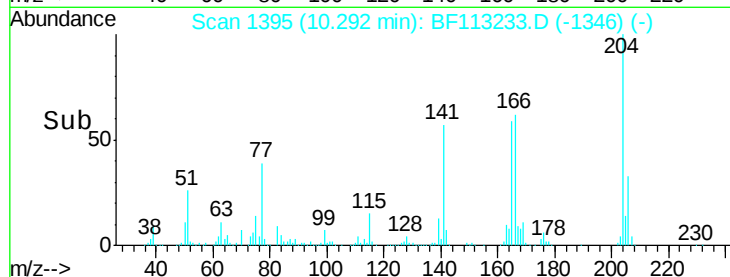
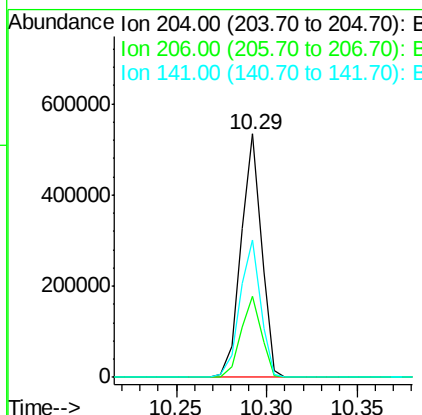
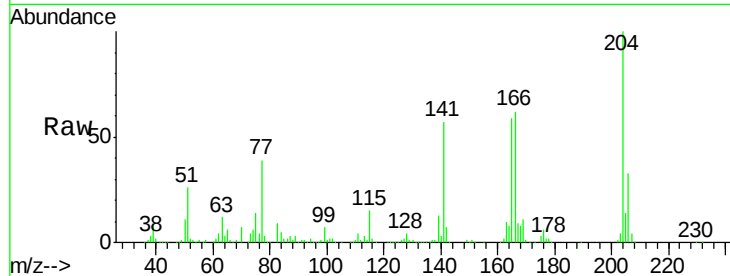
#61
4-Chlorophenyl-phenylether
Concen: 49.725 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	418916		
206	33.5	26.6	40.0	
141	56.7	50.8	76.2	

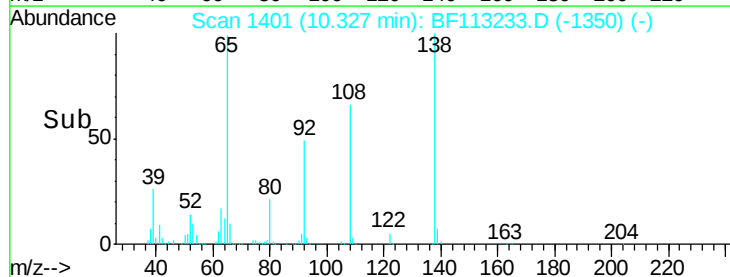
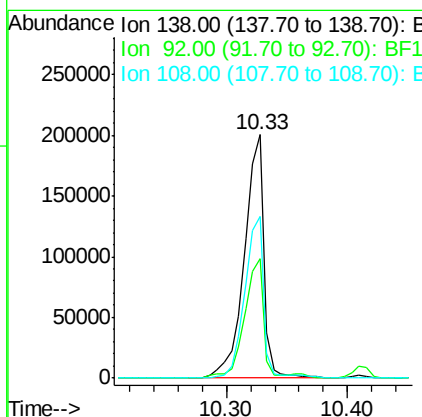
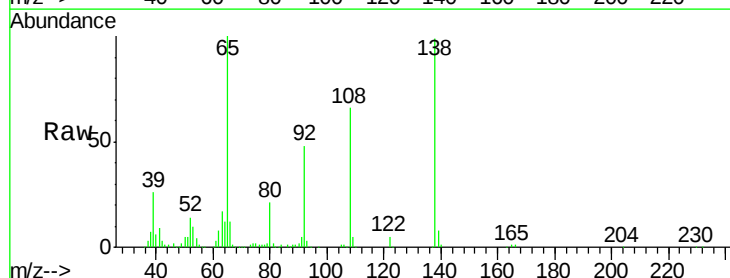
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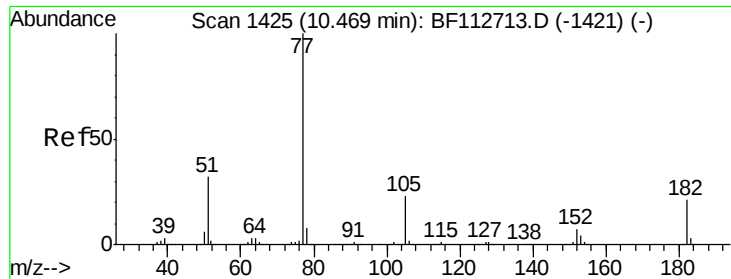
Sohil
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#62
4-Nitroaniline
Concen: 47.526 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

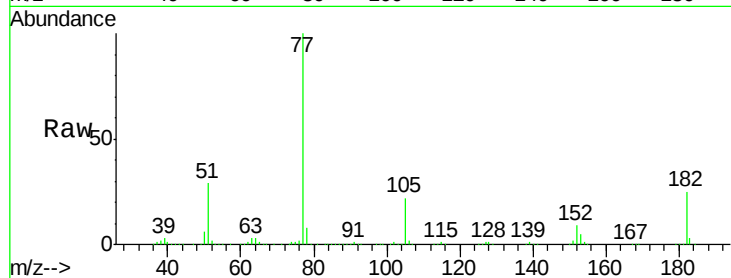
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	228111		
92	49.0	31.3	71.3	
108	66.6	48.1	88.1	





#63
Azobenzene
Concen: 38.556 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

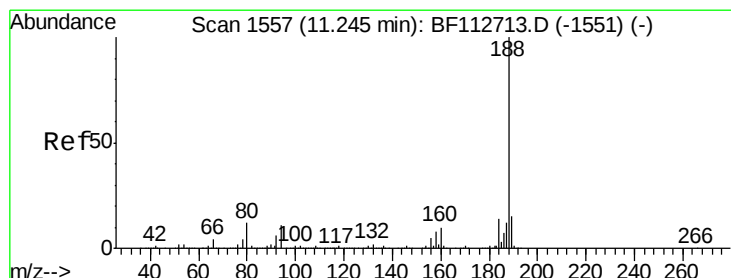
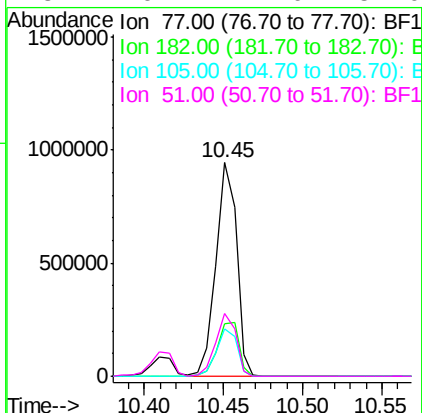
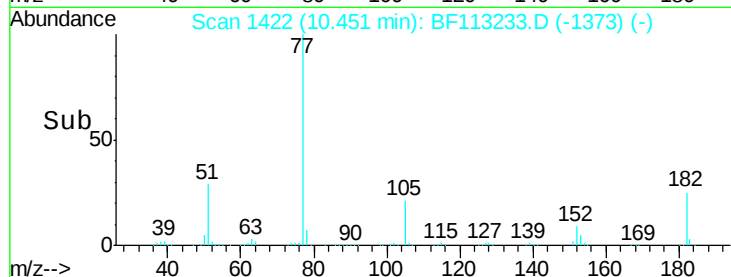
Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS



Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.5	1.4	41.4
105	22.2	2.6	42.6
51	29.4	12.0	52.0

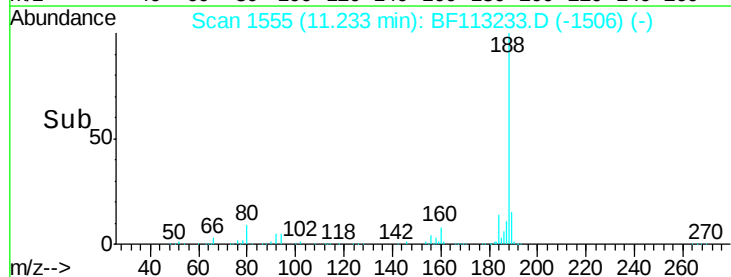
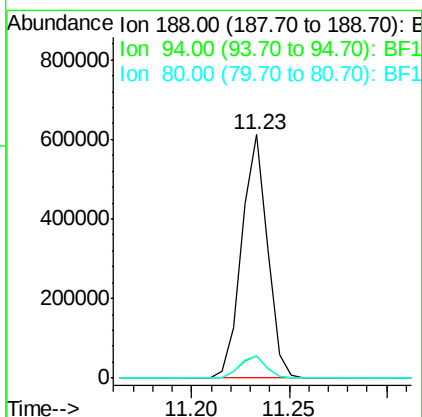
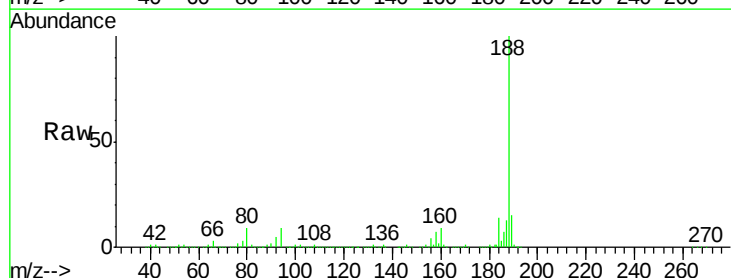
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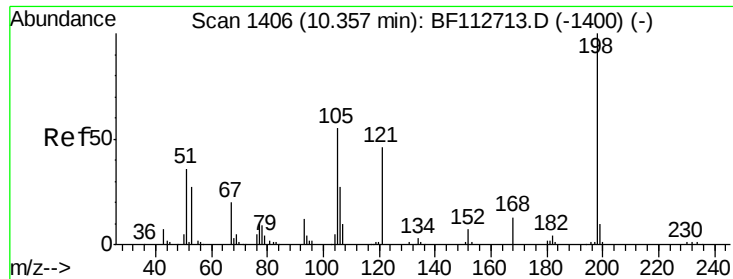
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.0	13.4
80	9.2	9.2	13.8





#65

4,6-Dinitro-2-methylphenol

Concen: 57.222 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

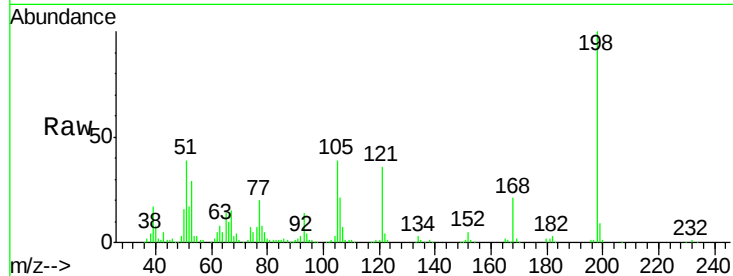
ClientSampleId :

S4B(2-10)MS

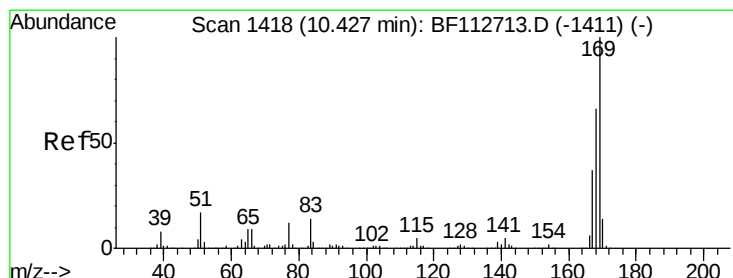
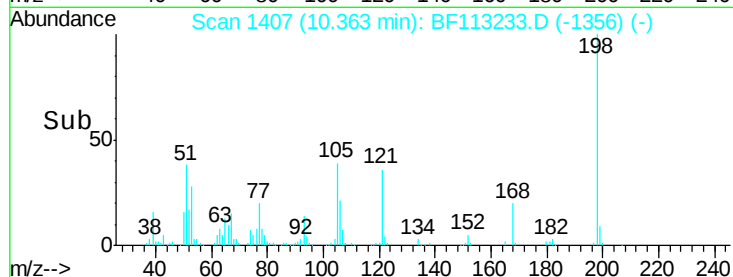
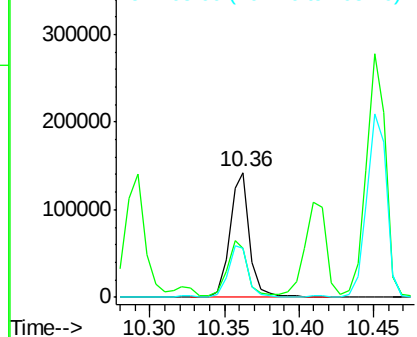
Tgt Ion:	198	Resp:	133811
Ion Ratio	Lower	Upper	
198	100		
51	38.9	43.8	83.8#
105	39.1	36.5	76.5

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



#66

n-Nitrosodiphenylamine

Concen: 43.024 ng

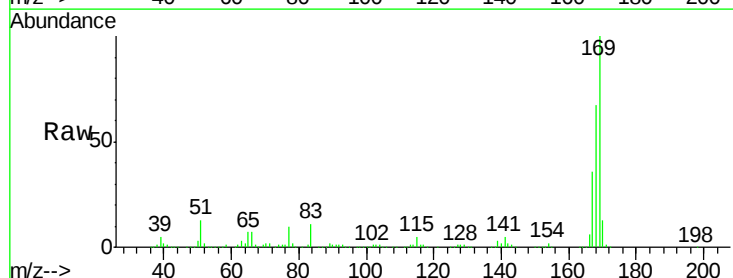
RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

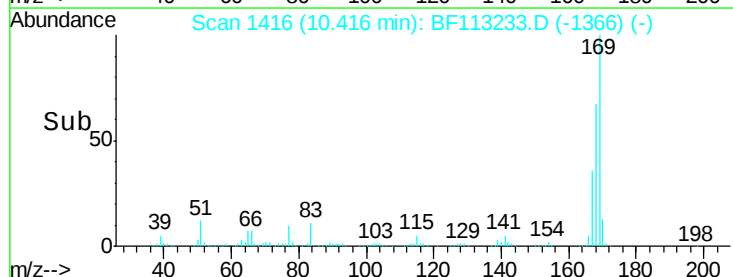
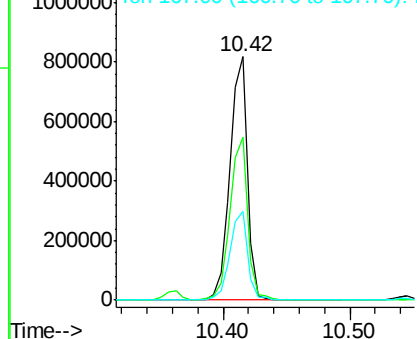
Lab File: BF113233.D

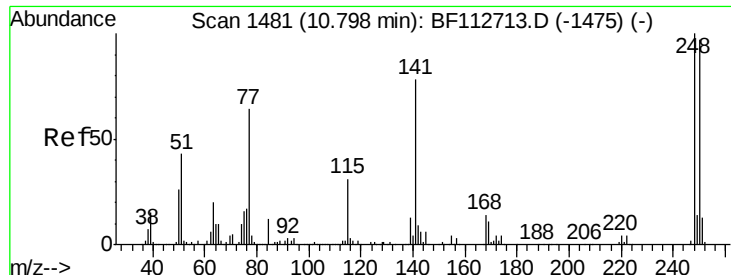
Acq: 22 Mar 2019 14:31

Tgt Ion:	169	Resp:	772060
Ion Ratio	Lower	Upper	
169	100		
168	66.7	53.0	79.6
167	36.5	29.3	43.9



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





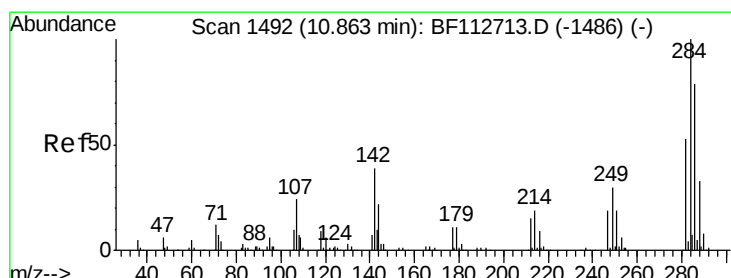
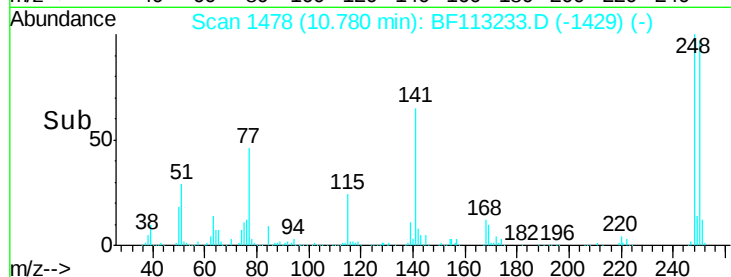
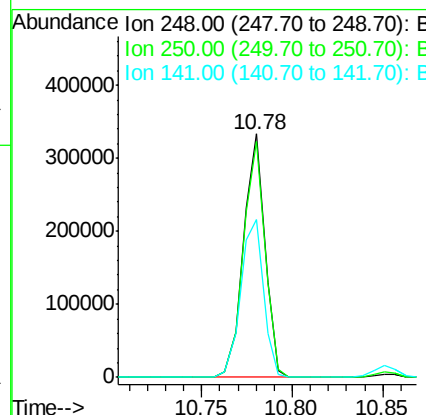
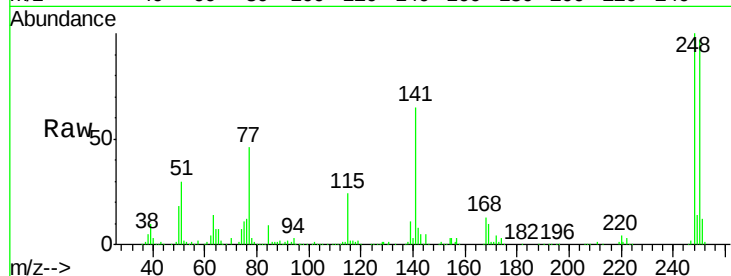
#67
 4-Bromophenyl-phenylether
 Concen: 46.677 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF113233.D
 Acq: 22 Mar 2019 14:31

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.5	116.3
141	64.6	62.4	93.6

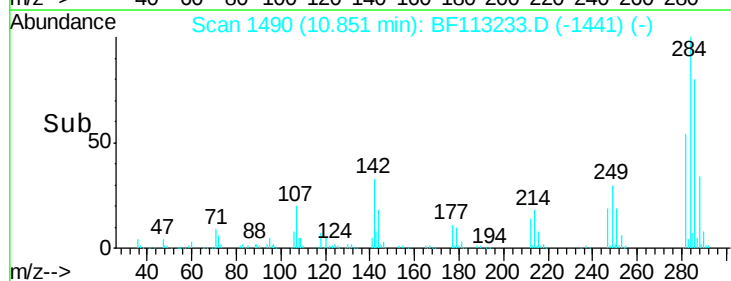
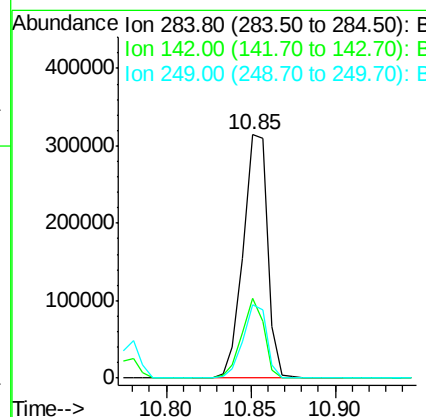
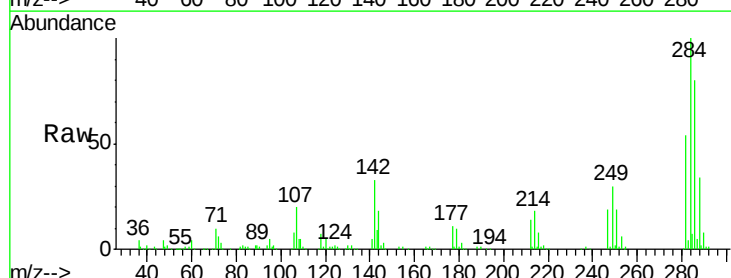
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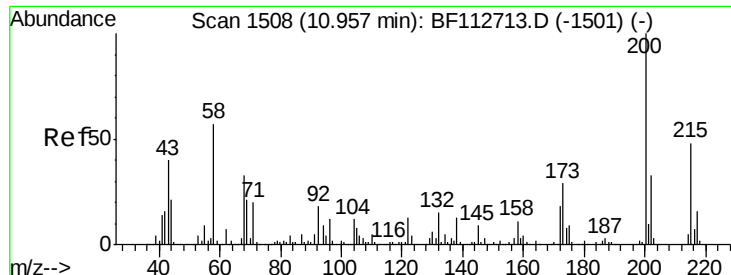
Sohil
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#68
 Hexachlorobenzene
 Concen: 47.824 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: BF113233.D
 Acq: 22 Mar 2019 14:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.7	31.0	46.6
249	30.1	23.6	35.4





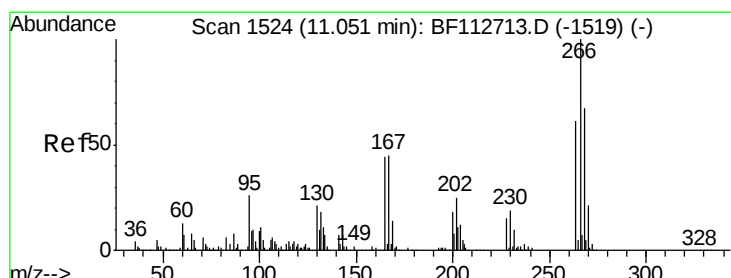
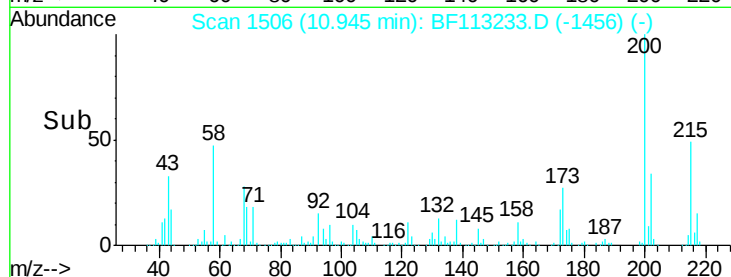
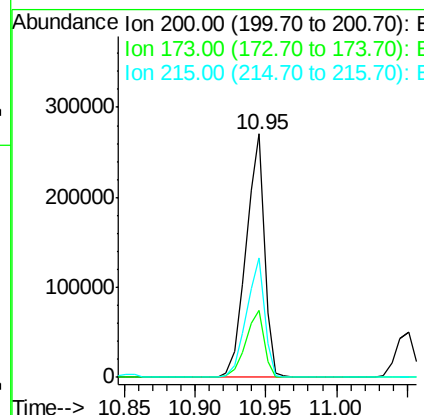
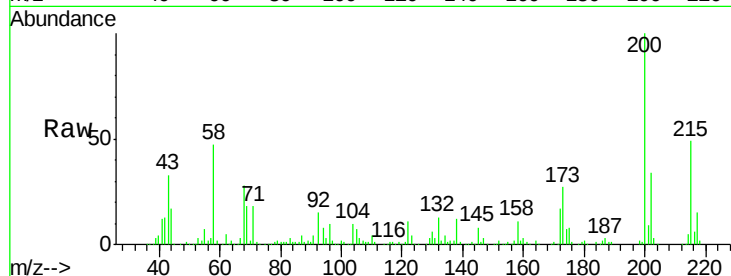
#69
Atrazine
Concen: 44.740 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.4	9.1	49.1
215	48.9	28.2	68.2

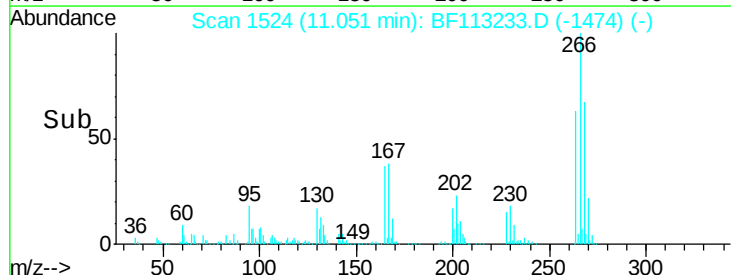
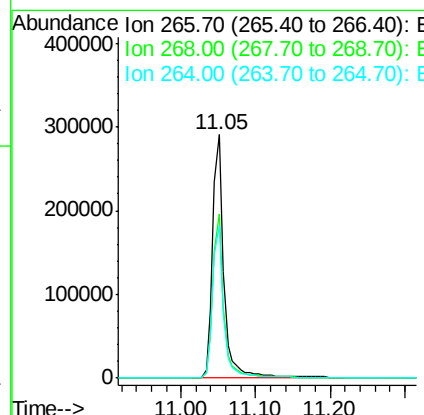
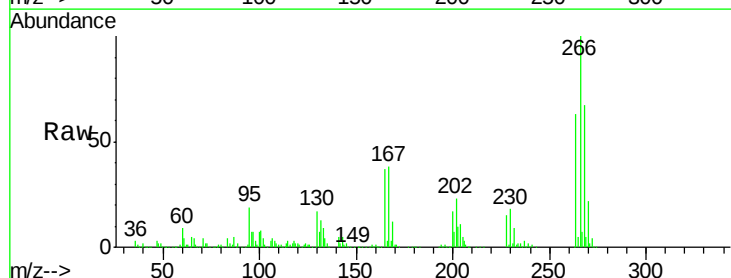
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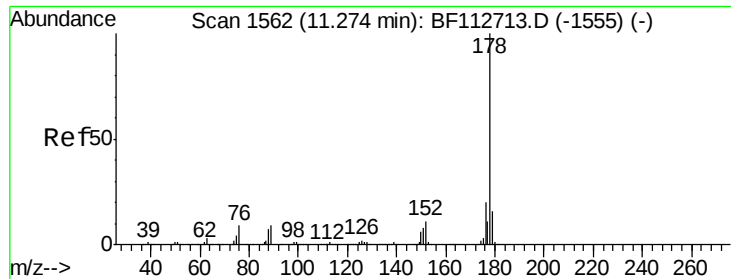
Sohil
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#70
Pentachlorophenol
Concen: 80.151 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.4	53.3	79.9
264	62.7	48.9	73.3





#71

Phenanthrene

Concen: 43.493 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

Tgt Ion:178 Resp: 1210787

Ion Ratio Lower Upper

178 100

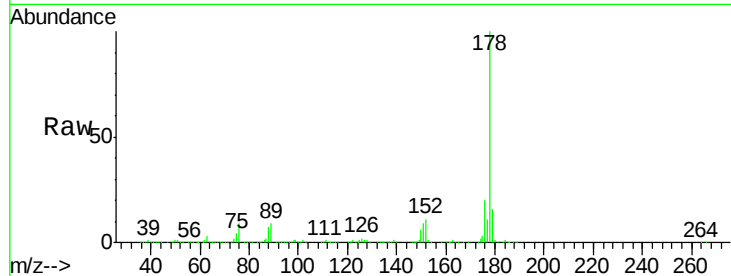
176 20.4 16.3 24.5

179 16.1 12.7 19.1

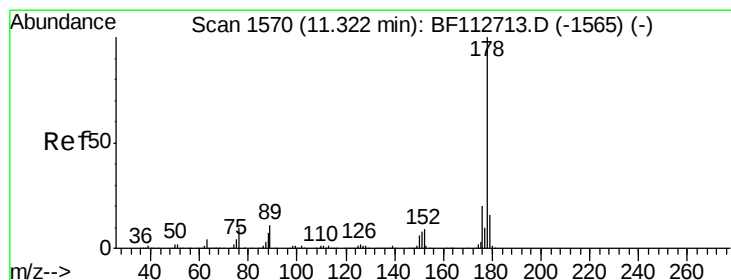
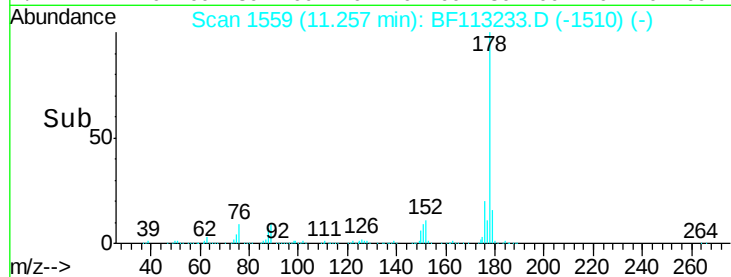
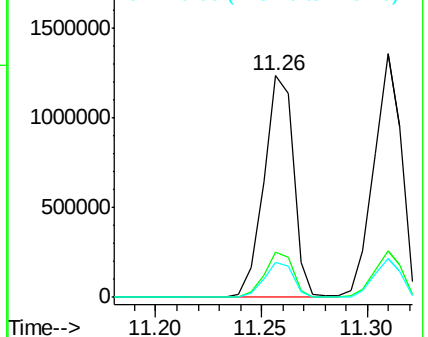
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.860 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Tgt Ion:178 Resp: 1249007

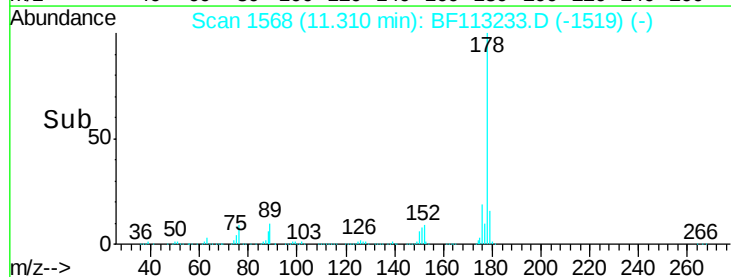
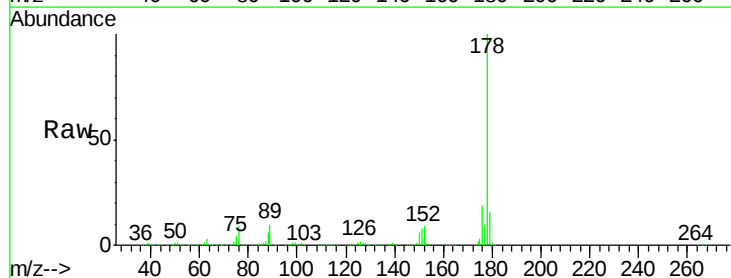
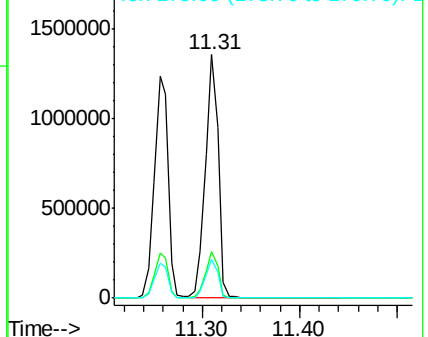
Ion Ratio Lower Upper

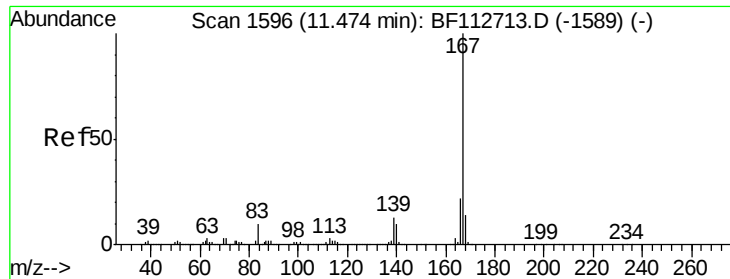
178 100

176 19.4 15.8 23.6

179 16.0 13.0 19.6

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





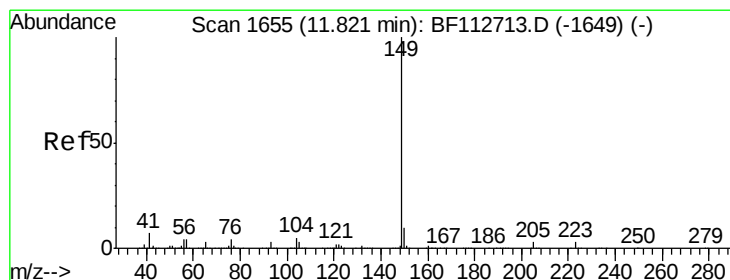
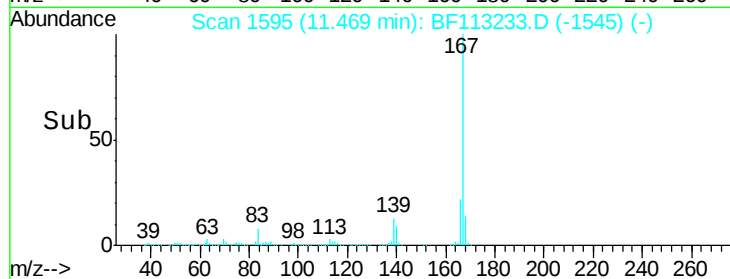
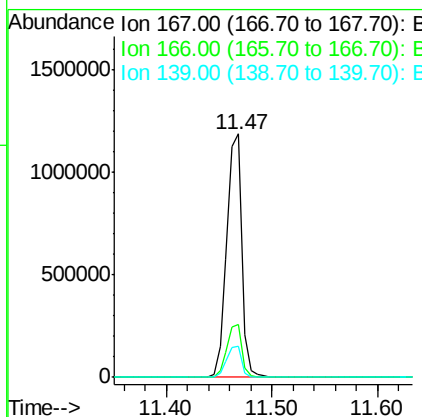
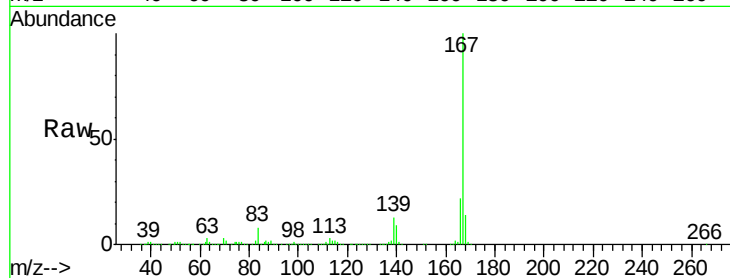
#73
 Carbazole
 Concen: 41.611 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF113233.D
 Acq: 22 Mar 2019 14:31

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MS

Tgt Ion:167 Resp: 1182904
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.5 26.3
 139 12.6 10.8 16.2

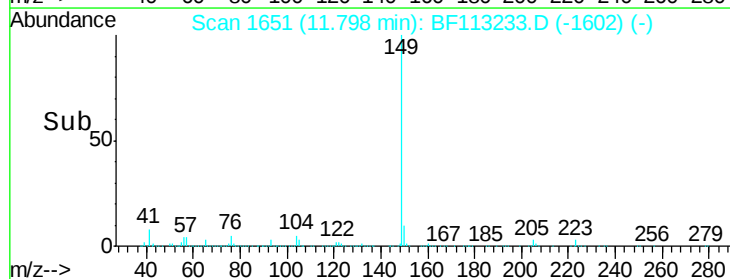
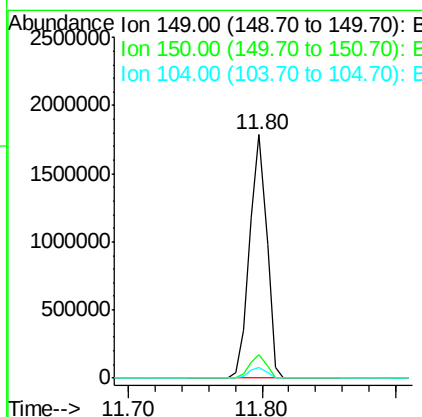
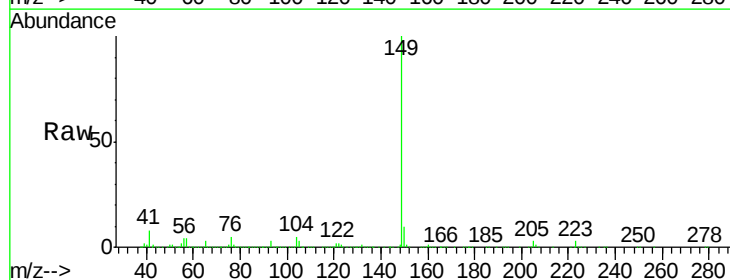
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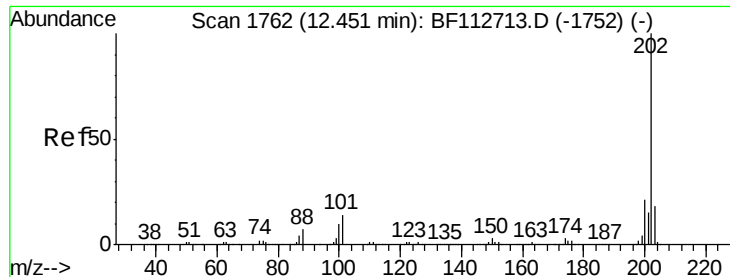
Sohil
 3/25/2019 6:32:38 PM



#74
 Di-n-butylphthalate
 Concen: 45.928 ng
 RT: 11.80 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BF113233.D
 Acq: 22 Mar 2019 14:31

Tgt Ion:149 Resp: 1565498
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.6 11.4
 104 4.5 3.7 5.5





#75

Fluoranthene

Concen: 46.669 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

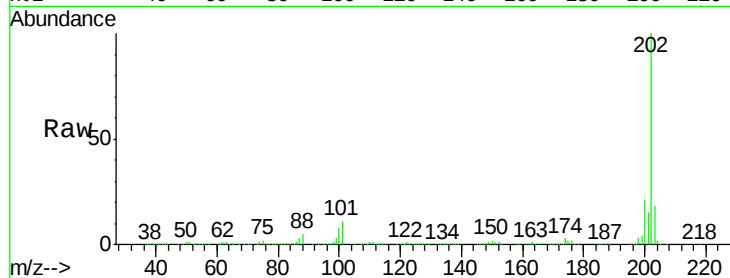
ClientSampleId :

S4B(2-10)MS

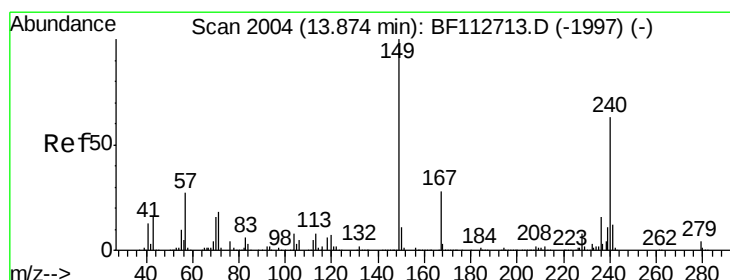
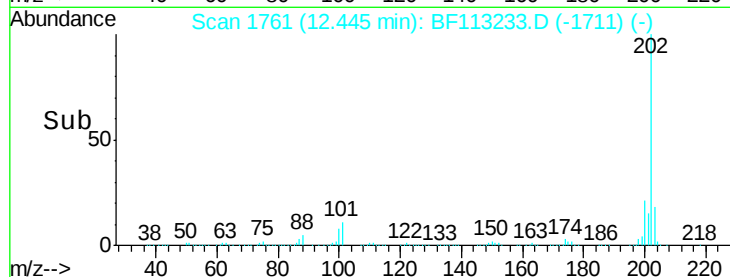
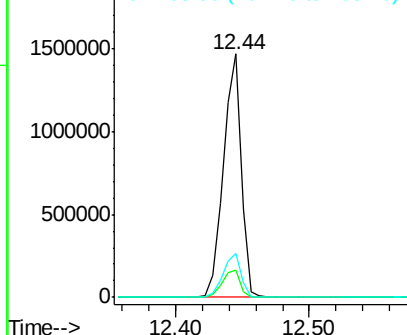
Tgt Ion:	202	Resp:	1391951
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	33.8
203	18.0	0.0	38.4

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Abundance Ion 202.00 (201.70 to 202.70): E
2000000
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

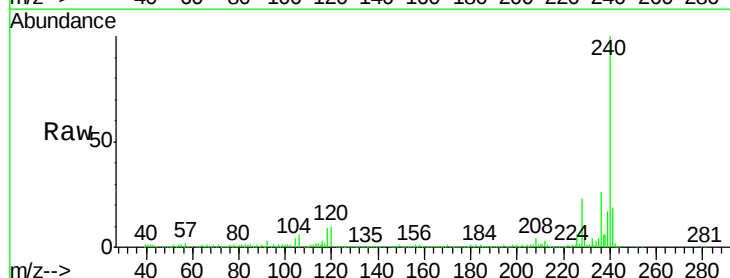
RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

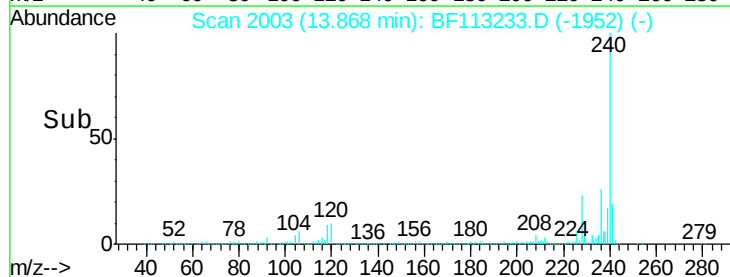
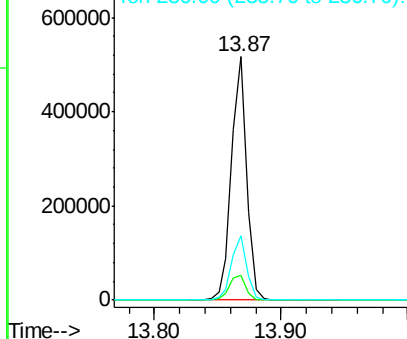
Lab File: BF113233.D

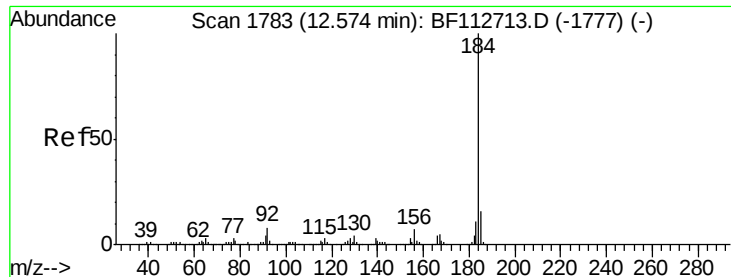
Acq: 22 Mar 2019 14:31

Tgt Ion:	240	Resp:	425220
Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.9	13.3
236	26.3	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
600000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.387 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

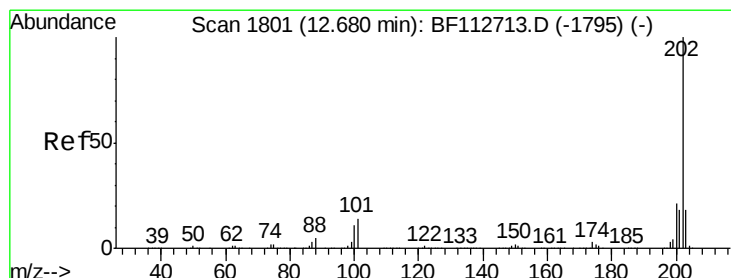
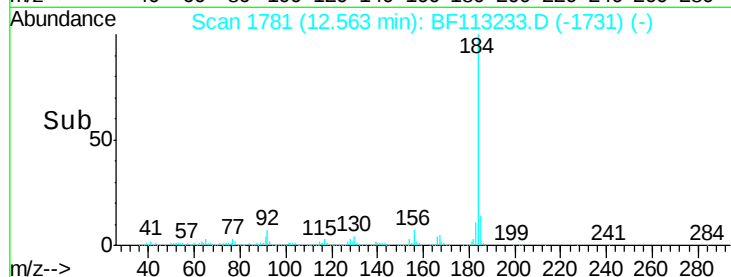
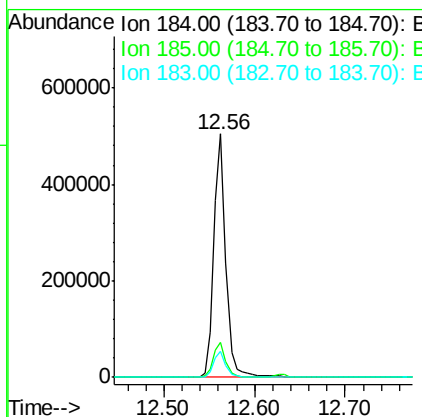
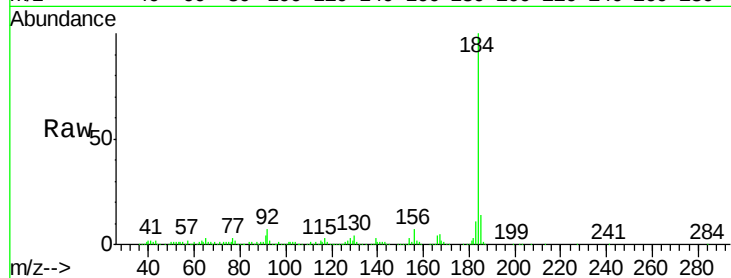
ClientSampleId :

S4B(2-10)MS

Tgt Ion:	184	Resp:	471831
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	18.8
183	10.6	8.6	12.8

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#78

Pyrene

Concen: 39.376 ng

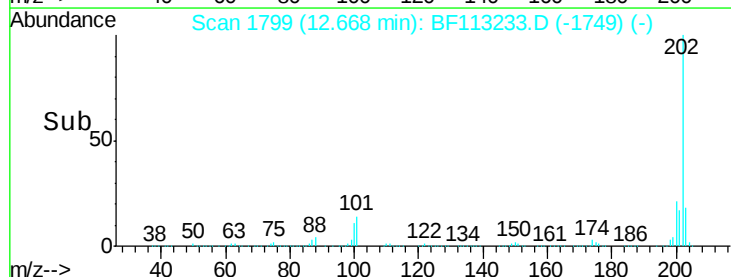
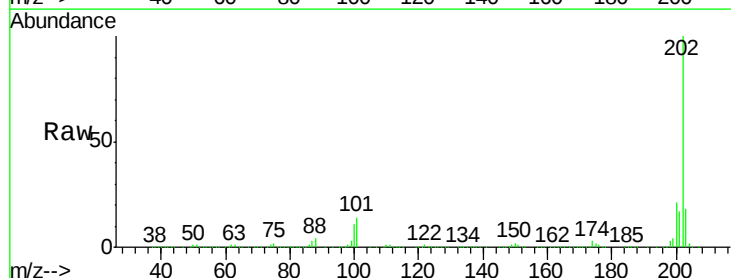
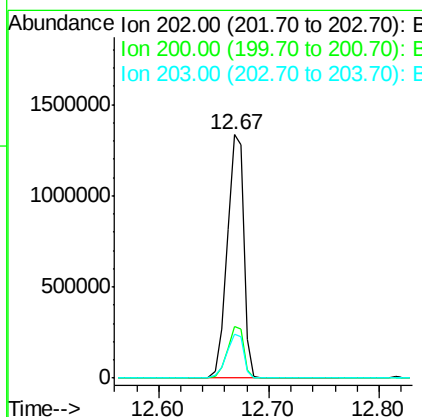
RT: 12.67 min Scan# 1799

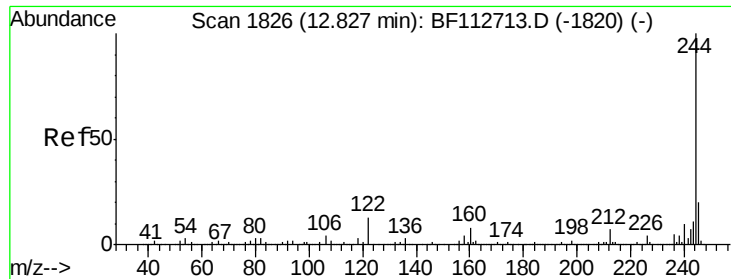
Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Tgt Ion:	202	Resp:	1411532
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.0	25.4
203	18.3	14.4	21.6





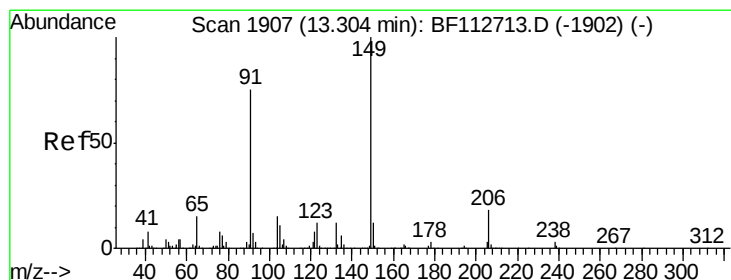
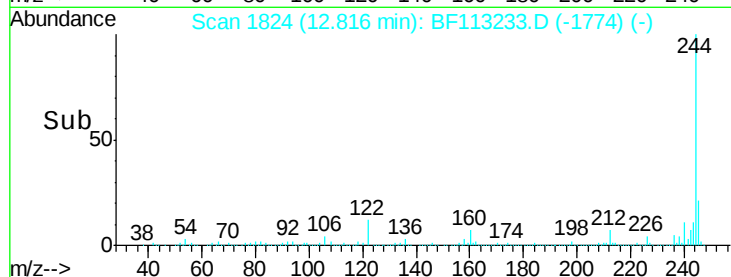
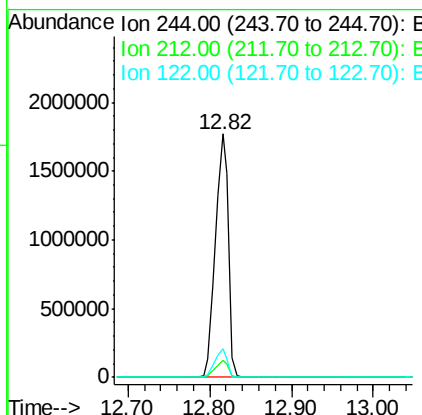
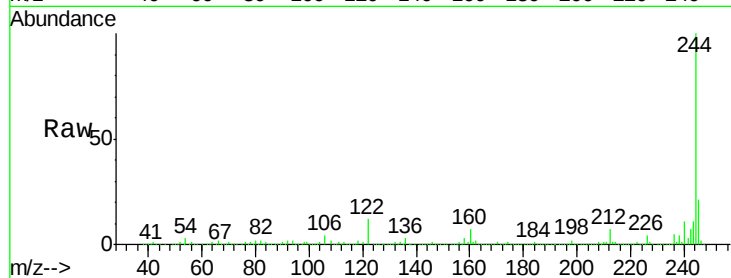
#79
 Terphenyl-d14
 Concen: 89.623 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113233.D
 Acq: 22 Mar 2019 14:31

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.6	10.5	15.7

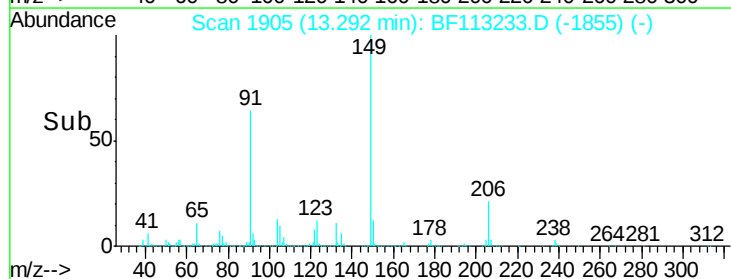
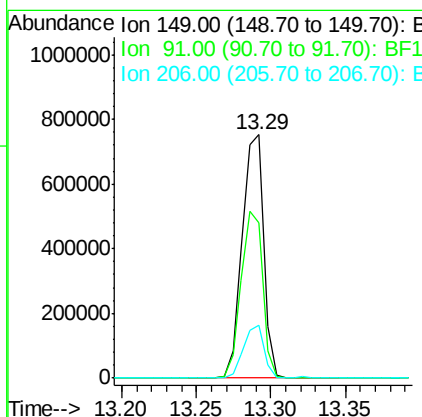
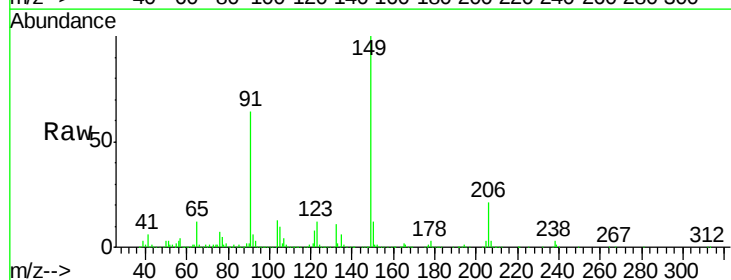
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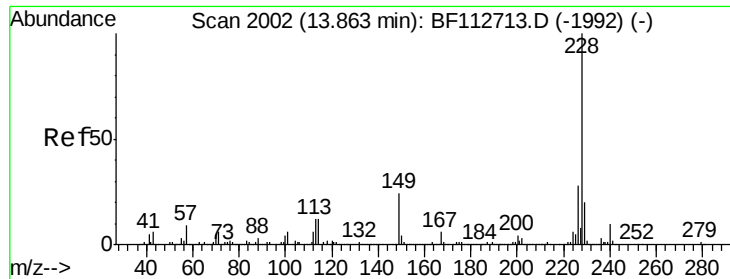
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#80
 Butylbenzylphthalate
 Concen: 47.515 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BF113233.D
 Acq: 22 Mar 2019 14:31

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.9	59.9	89.9
206	21.5	14.7	22.1





#81

Benzo(a)anthracene

Concen: 36.587 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

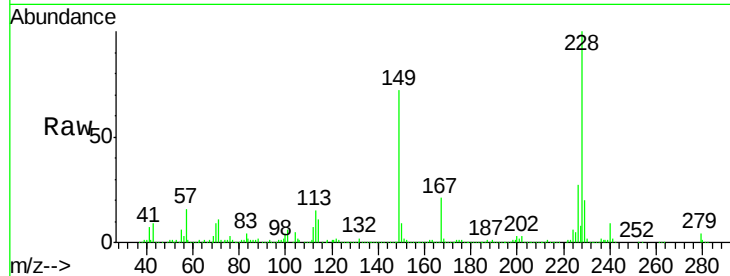
ClientSampleId :

S4B(2-10)MS

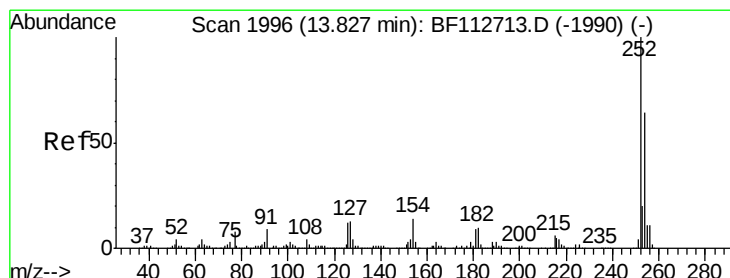
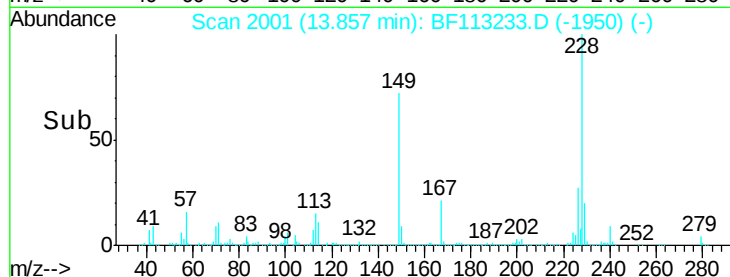
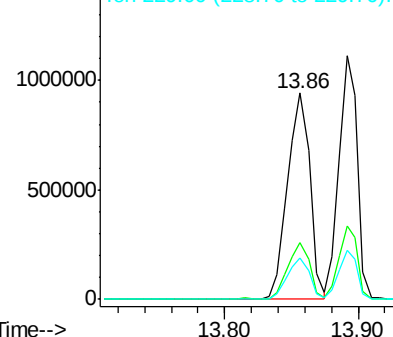
Tgt Ion:	228	Resp:	1078243
Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.4
229	20.2	16.0	24.0

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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: 26.377 ng

RT: 13.82 min Scan# 1994

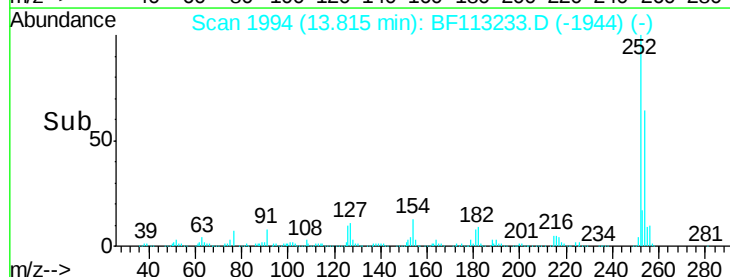
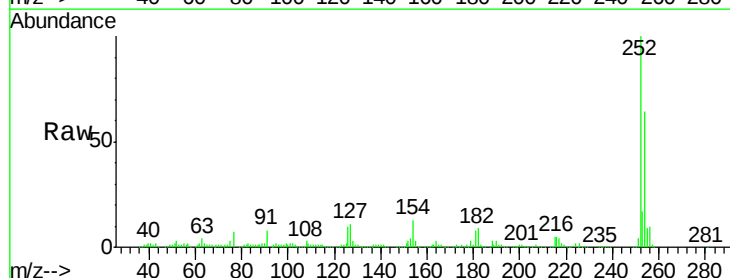
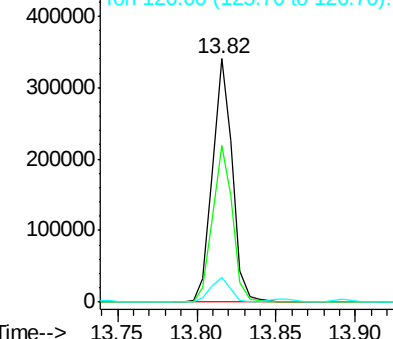
Delta R.T. -0.01 min

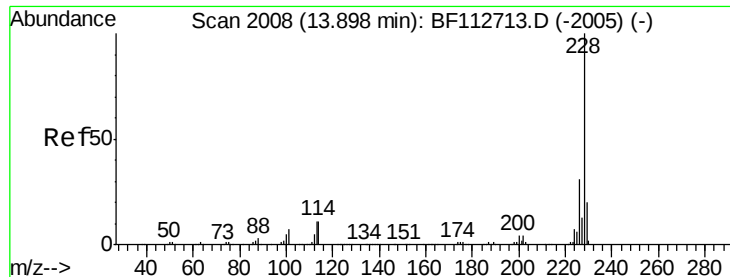
Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Tgt Ion:	252	Resp:	293990
Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.1	76.7
126	10.4	9.9	14.9

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





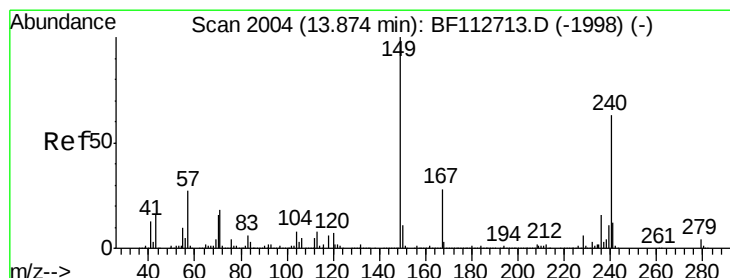
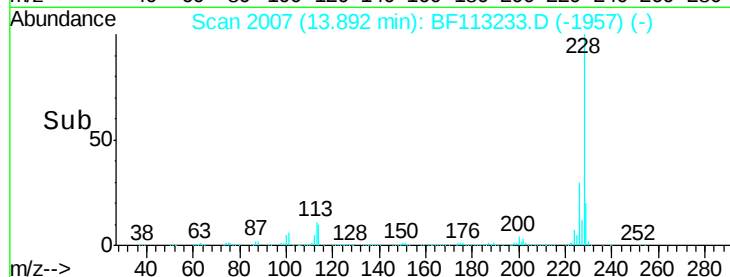
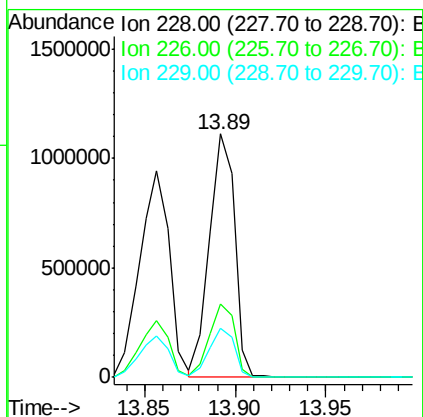
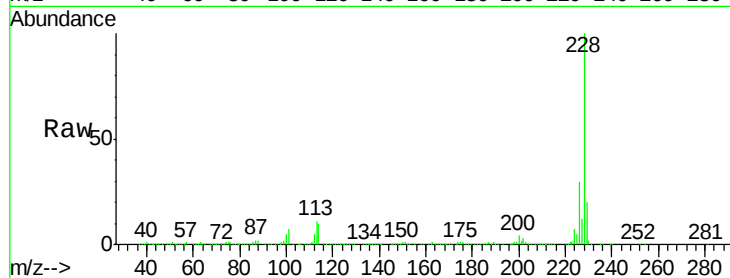
#83
Chrysene
Concen: 37.267 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampled :
S4B(2-10)MS

Tgt Ion: 228 Resp: 1075803
Ion Ratio Lower Upper
228 100
226 30.3 24.9 37.3
229 20.4 16.3 24.5

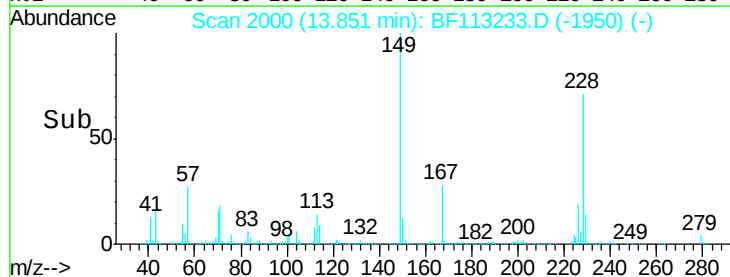
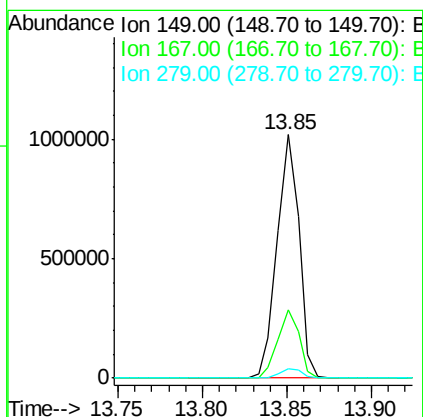
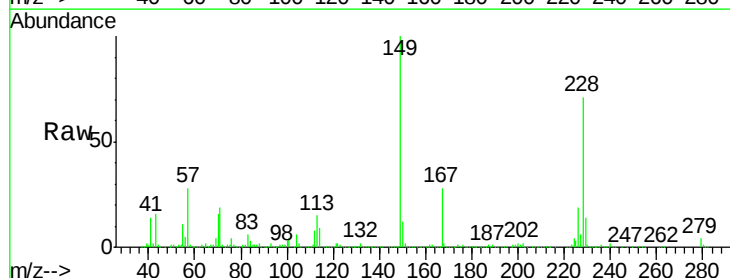
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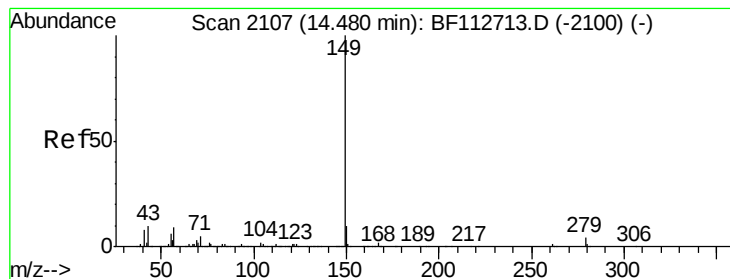
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 49.500 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion: 149 Resp: 918698
Ion Ratio Lower Upper
149 100
167 28.2 22.4 33.6
279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 48.678 ng

RT: 14.46 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

Tgt Ion:149 Resp: 1551323

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

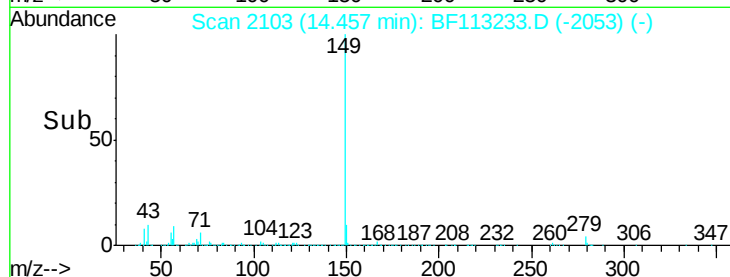
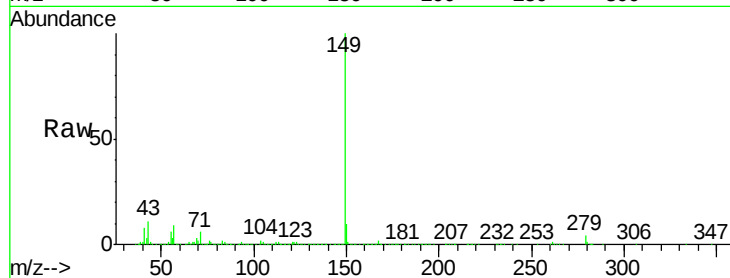
43 9.9 9.0 13.4

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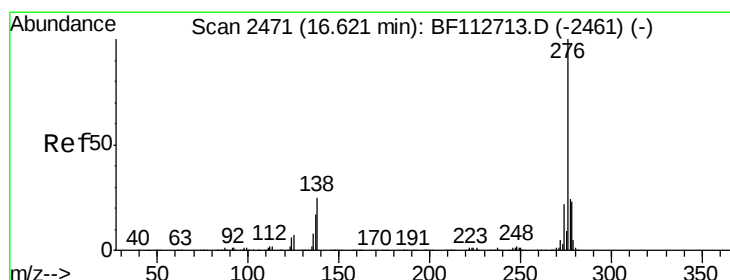
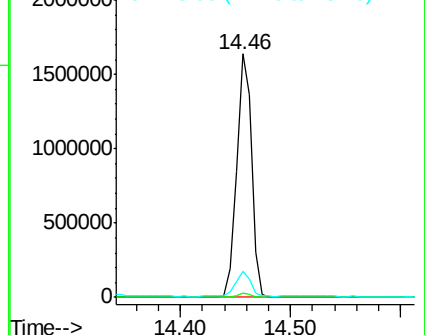
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 48.616 ng

RT: 16.65 min Scan# 2476

Delta R.T. 0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

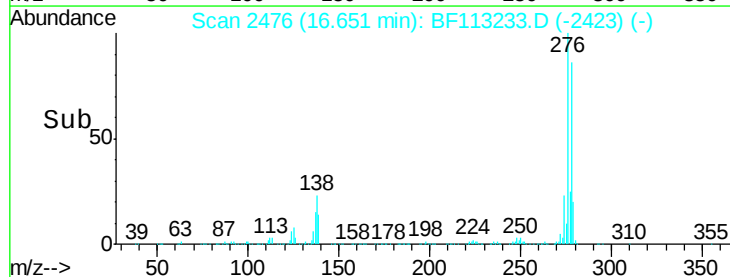
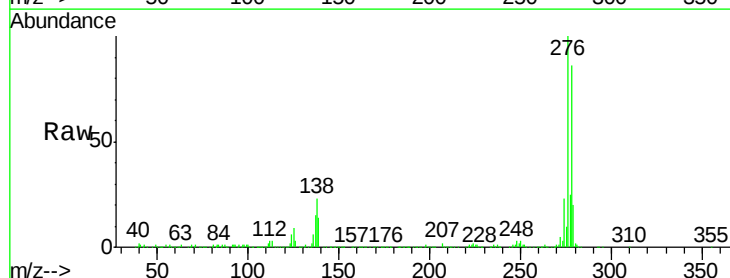
Tgt Ion:276 Resp: 1196455

Ion Ratio Lower Upper

276 100

138 23.3 23.2 34.8

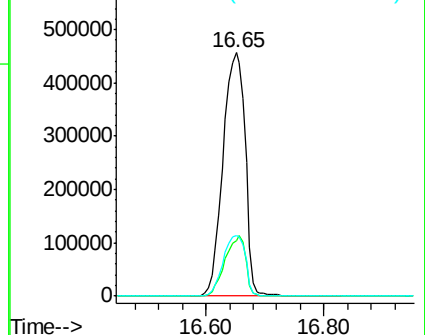
277 25.1 19.9 29.9

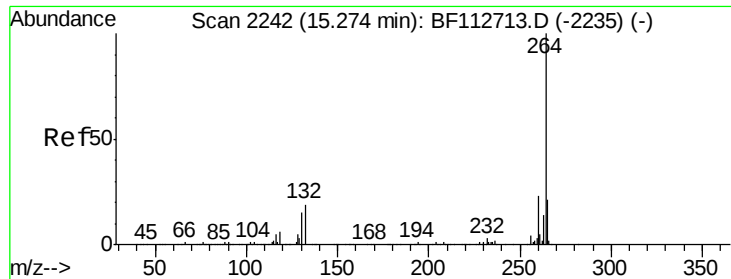


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





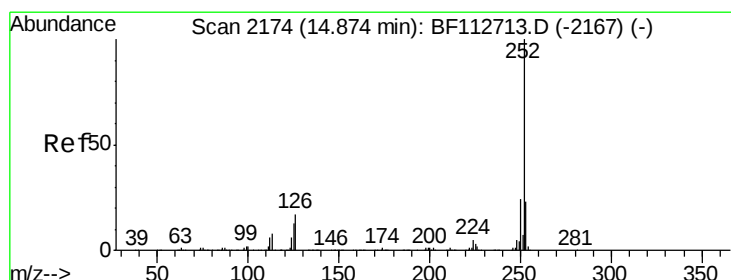
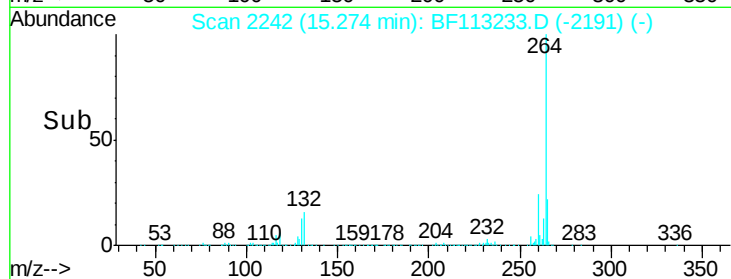
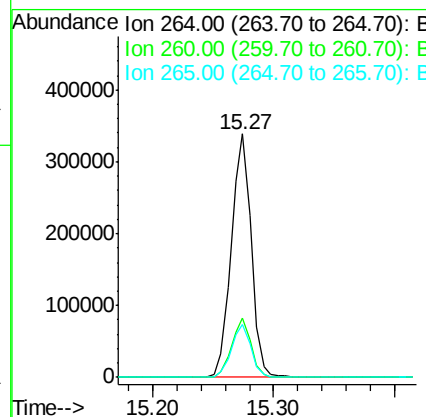
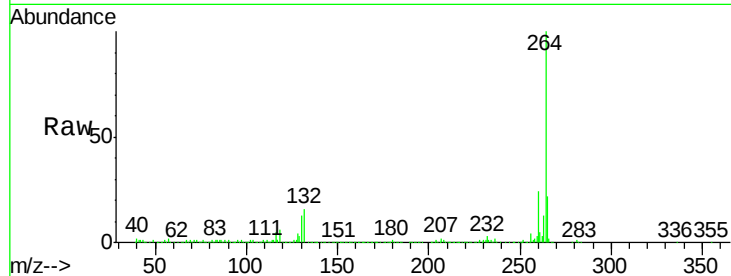
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.8	17.2	25.8

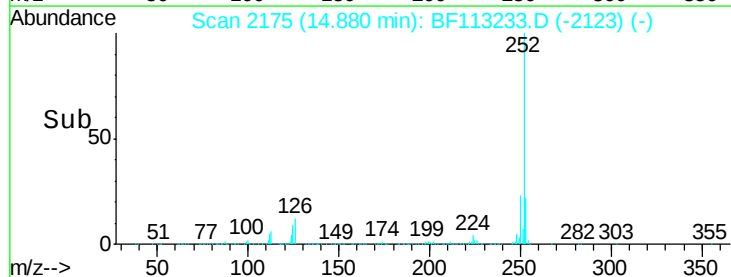
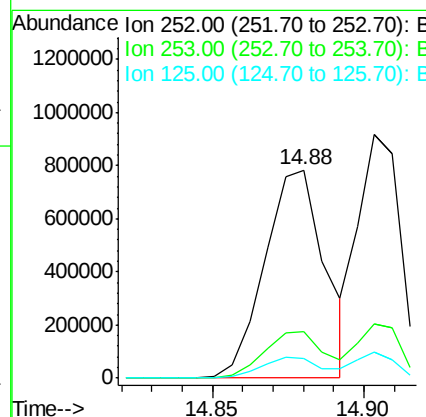
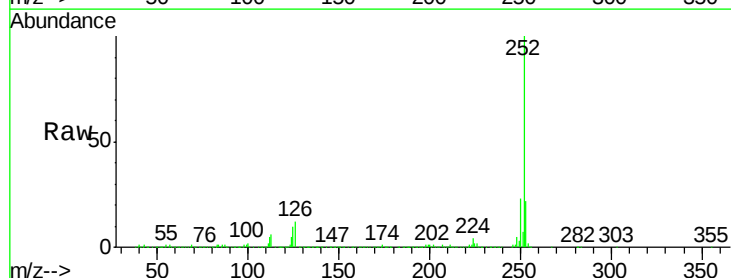
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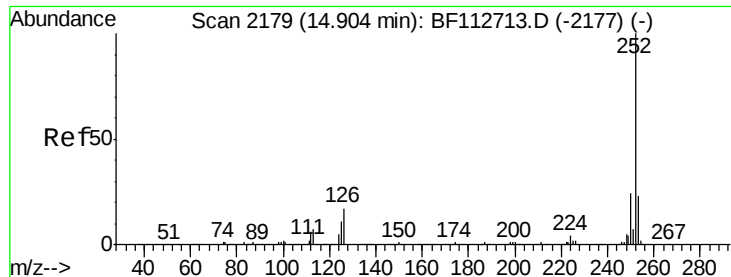
Sohil
3/25/2019 6:32:38 PM



#88
Benzo(b)fluoranthene
Concen: 42.687 ng m
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	9.6	10.2	15.2#





#89

Benzo(k)fluoranthene

Concen: 39.583 ng

RT: 14.90 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

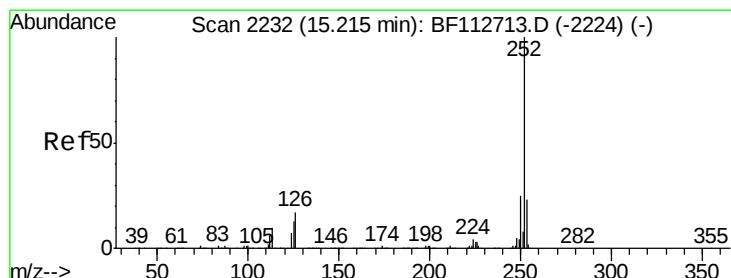
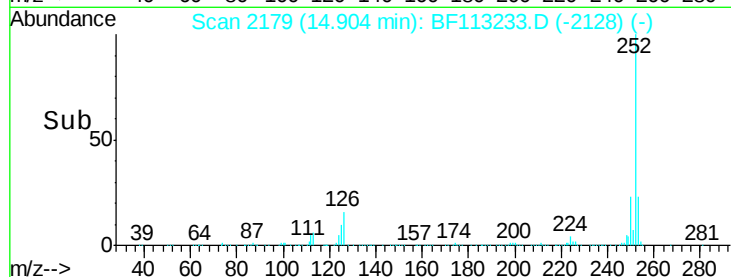
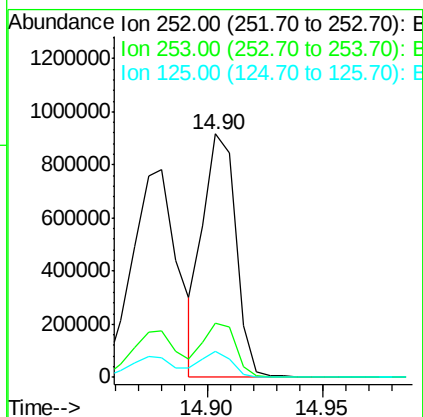
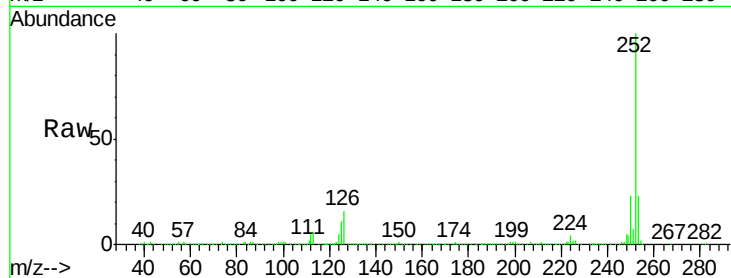
ClientSampleId :

S4B(2-10)MS

Tgt Ion:	252	Resp:	901299
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.2	27.2
125	10.5	9.8	14.6

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 42.396 ng

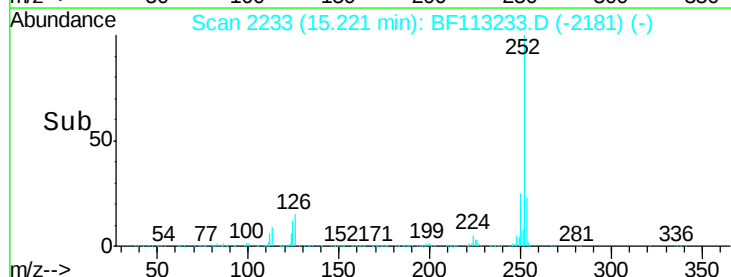
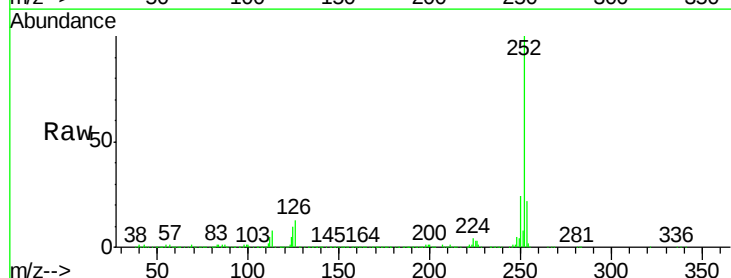
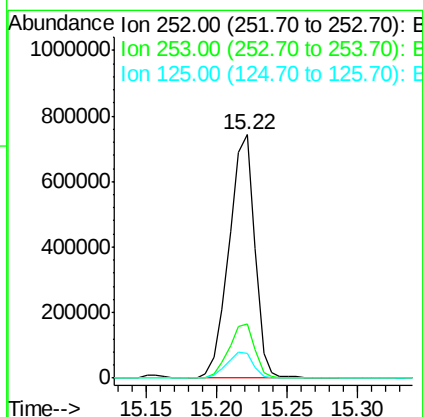
RT: 15.22 min Scan# 2233

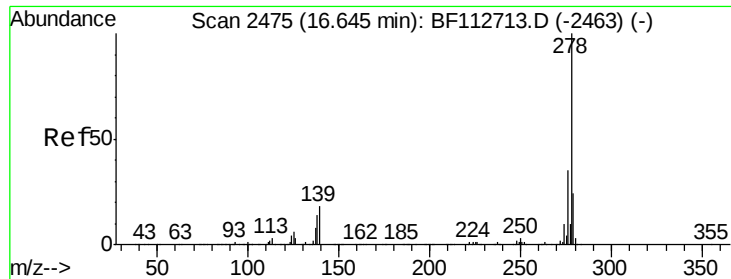
Delta R.T. 0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Tgt Ion:	252	Resp:	942671
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.0	27.0
125	10.3	10.7	16.1#





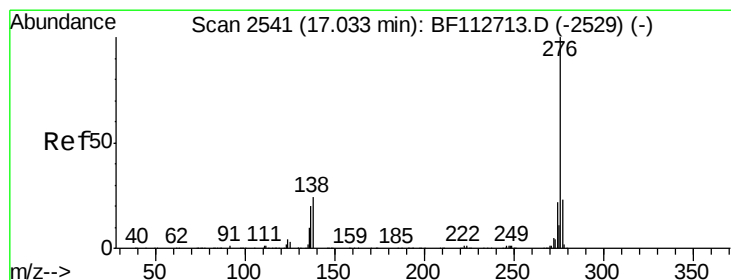
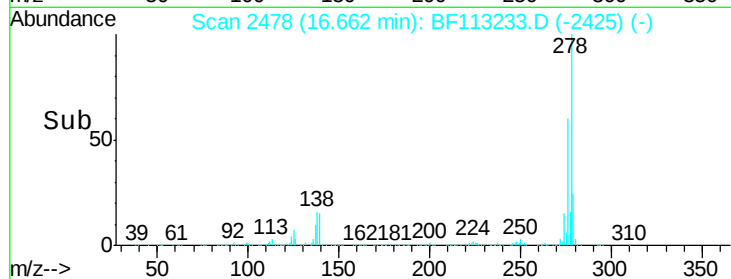
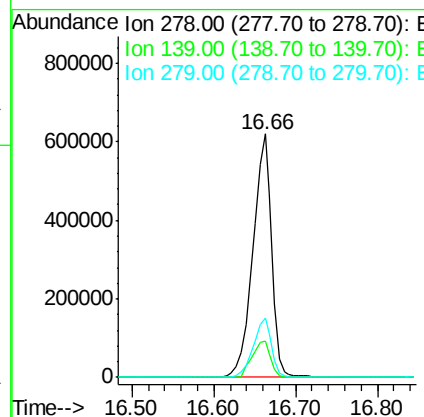
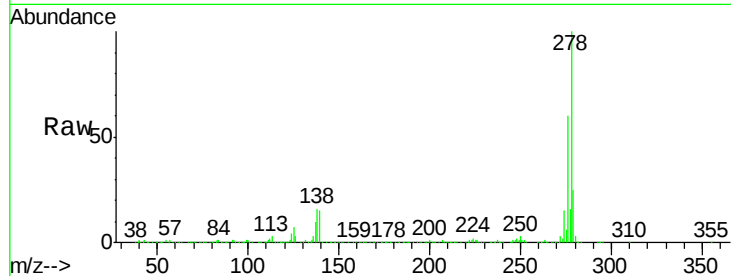
#91
Dibenzo(a,h)anthracene
Concen: 52.040 ng
RT: 16.66 min Scan# 2478
Delta R.T. 0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	14.3	21.5
279	24.5	19.4	29.0

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 55.115 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.02 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	27.8
138	20.0	19.4	29.0

