

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
 Data File : BF113200.D
 Acq On : 21 Mar 2019 11:11
 Operator : JU/SJ
 Sample : PB118085BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB118085BS

Manual Integrations
 APPROVED

Sohil
 3/22/2019 3:35:47 PM

Quant Time: Mar 22 00:59:26 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	196819	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	704038	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	356886	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	724978	20.00	ng	0.00
76) Chrysene-d12	13.87	240	566524	20.00	ng	0.00
87) Perylene-d12	15.28	264	460288	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1360103	107.49	ng	0.01
7) Phenol-d6	6.38	99	1858432	116.93	ng	0.00
23) Nitrobenzene-d5	7.29	82	944402	80.27	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	518761	136.92	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1777230	81.65	ng	0.00
79) Terphenyl-d14	12.82	244	1983898	67.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	204150	32.188	ng	98
3) Pyridine	3.20	79	443402	26.131	ng	99
4) n-Nitrosodimethylamine	3.13	42	237684	32.021	ng	100
6) Aniline	6.39	93	585881	26.780	ng	# 48
8) 2-Chlorophenol	6.52	128	536802	38.112	ng	97
9) Benzaldehyde	6.27	77	286461	25.014	ng	99
10) Phenol	6.39	94	668277	36.031	ng	83
11) bis(2-Chloroethyl)ether	6.46	93	546729	38.405	ng	98
12) 1,3-Dichlorobenzene	6.67	146	525645	36.127	ng	96
13) 1,4-Dichlorobenzene	6.74	146	545135	37.360	ng	99
14) 1,2-Dichlorobenzene	6.90	146	453729	33.921	ng	98
15) Benzyl Alcohol	6.87	79	378460	31.227	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	689754	29.033	ng	76
17) 2-Methylphenol	7.00	107	377001	32.994	ng	# 89
18) Hexachloroethane	7.23	117	178580	31.950	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	318542	31.645	ng	99
20) 3+4-Methylphenols	7.15	107	466876	36.192	ng	# 78
22) Acetophenone	7.13	105	643268	39.075	ng	# 91
24) Nitrobenzene	7.31	77	493327	37.672	ng	98
25) Isophorone	7.55	82	914624	36.083	ng	98
26) 2-Nitrophenol	7.62	139	261906	48.045	ng	94
27) 2,4-Dimethylphenol	7.67	122	424344	41.842	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	570794	36.018	ng	100
29) 2,4-Dichlorophenol	7.87	162	412119	41.904	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	443389	41.958	ng	99
31) Naphthalene	8.03	128	1355251	38.773	ng	100
32) Benzoic acid	7.82	122	288924	40.647	ng	93
33) 4-Chloroaniline	8.08	127	387857	26.198	ng	99
34) Hexachlorobutadiene	8.15	225	263707	44.249	ng	99
35) Caprolactam	8.46	113	134343m	38.784	ng	
36) 4-Chloro-3-methylphenol	8.58	107	427650	39.291	ng	95
37) 2-Methylnaphthalene	8.72	142	929035	41.157	ng	99
38) 1-Methylnaphthalene	8.82	142	874288	39.984	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	427926	41.118	ng	99

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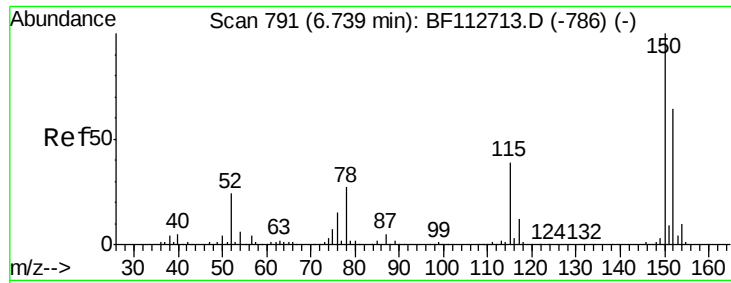
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	466613	81.877	ng	98
43) 2,4,6-Trichlorophenol	9.00	196	299936	41.876	ng	98
44) 2,4,5-Trichlorophenol	9.05	196	325937	42.101	ng	97
46) 1,1'-Biphenyl	9.19	154	1113863	38.264	ng	99
47) 2-Chloronaphthalene	9.21	162	865959	38.098	ng	98
48) 2-Nitroaniline	9.30	65	276731	40.055	ng	99
49) Acenaphthylene	9.62	152	1406123	36.440	ng	99
50) Dimethylphthalate	9.49	163	1054693	40.079	ng	99
51) 2,6-Dinitrotoluene	9.55	165	233269	42.569	ng #	79
52) Acenaphthene	9.79	154	807690	35.793	ng	99
53) 3-Nitroaniline	9.72	138	185869	27.836	ng	99
54) 2,4-Dinitrophenol	9.83	184	247563	107.989	ng	97
55) Dibenzofuran	9.97	168	1227382	37.424	ng	97
56) 4-Nitrophenol	9.90	139	350523	64.592	ng	95
57) 2,4-Dinitrotoluene	9.96	165	303451	44.549	ng	90
58) Fluorene	10.31	166	923761	39.685	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	284906	44.171	ng	94
60) Diethylphthalate	10.19	149	1045325	37.611	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	466091	43.036	ng	97
62) 4-Nitroaniline	10.33	138	257700	41.766	ng	98
63) Azobenzene	10.46	77	952949	33.475	ng	97
65) 4,6-Dinitro-2-methylphenol	10.37	198	152903	51.010	ng #	76
66) n-Nitrosodiphenylamine	10.42	169	857558	36.883	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	309738	40.562	ng	97
68) Hexachlorobenzene	10.86	284	360139	41.838	ng	94
69) Atrazine	10.95	200	265989	37.353	ng	99
70) Pentachlorophenol	11.06	266	373285	73.678	ng	99
71) Phenanthrene	11.27	178	1362107	37.762	ng	100
72) Anthracene	11.32	178	1425532	37.754	ng	100
73) Carbazole	11.47	167	1325391	35.983	ng	100
74) Di-n-butylphthalate	11.80	149	1659863	37.583	ng	100
75) Fluoranthene	12.45	202	1528744	39.558	ng	96
77) Benzidine	12.57	184	618293	21.036	ng	99
78) Pyrene	12.67	202	1537595	32.195	ng	100
80) Butylbenzylphthalate	13.29	149	720766	34.190	ng	97
81) Benzo(a)anthracene	13.86	228	1251227	31.867	ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	433586	29.198	ng	100
83) Chrysene	13.90	228	1284149	33.389	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	926472	37.468	ng	100
85) Di-n-octyl phthalate	14.46	149	1642038	38.673	ng	97
86) Indeno(1,2,3-cd)pyrene	16.65	276	1071680	32.685	ng #	94
88) Benzo(b)fluoranthene	14.89	252	1287266	43.236	ng #	97
89) Benzo(k)fluoranthene	14.91	252	1072767	39.779	ng	98
90) Benzo(a)pyrene	15.23	252	1095581	41.603	ng #	97
91) Dibenzo(a,h)anthracene	16.67	278	894673	39.813	ng #	95
92) Benzo(g,h,i)perylene	17.06	276	879871	38.993	ng #	94

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



#1

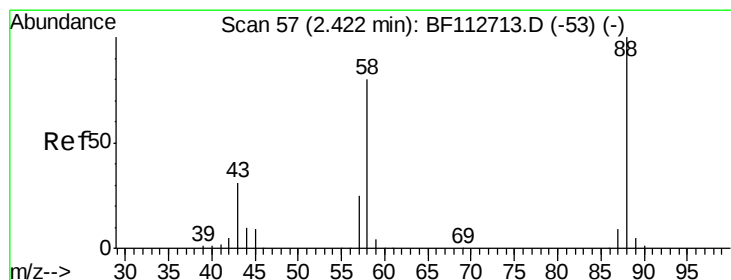
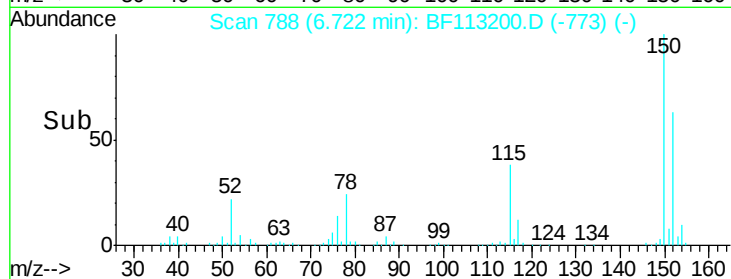
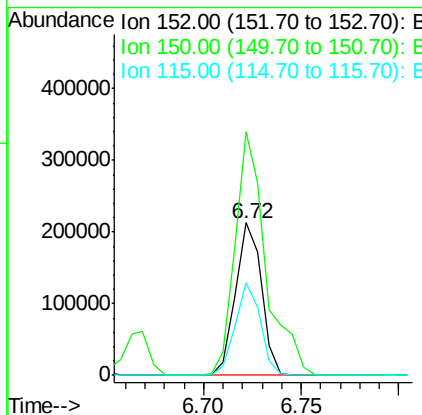
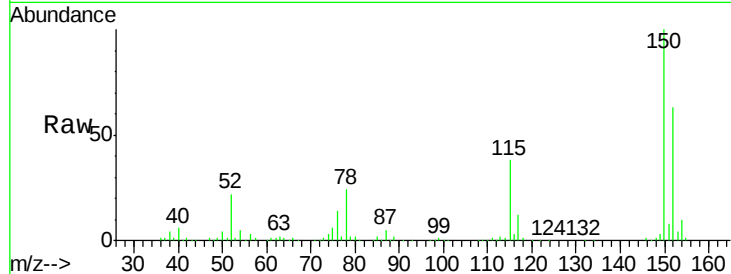
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.2	186.2
115	60.6	48.2	72.4

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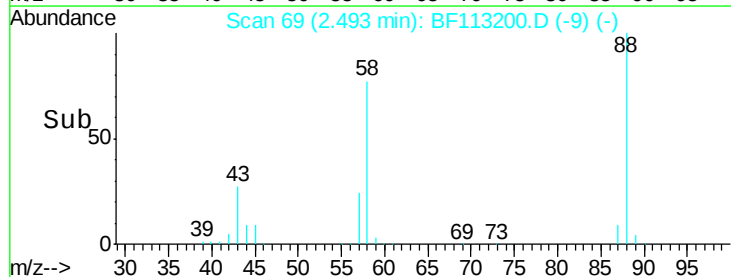
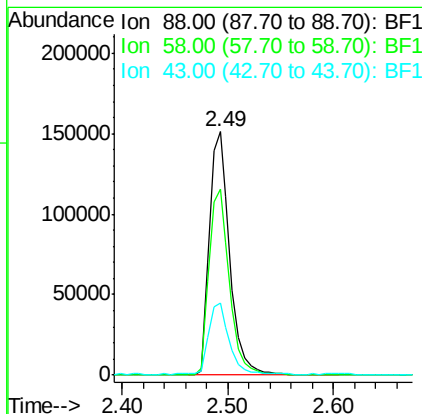
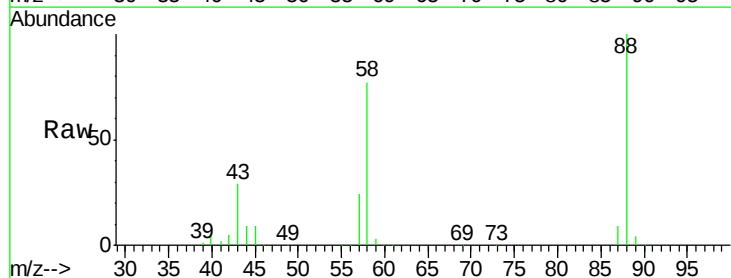
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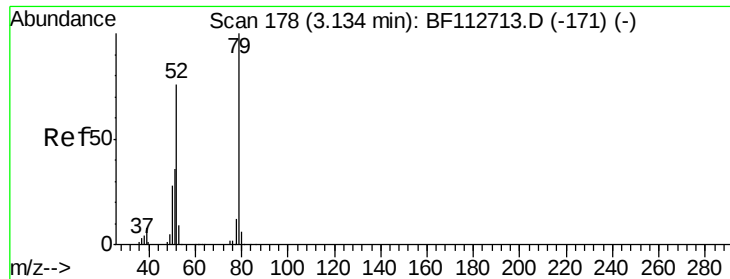


#2

1,4-Dioxane
Concen: 32.188 ng
RT: 2.49 min Scan# 69
Delta R.T. 0.05 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.3	63.1	94.7
43	29.4	24.3	36.5





#3

Pyridine

Concen: 26.131 ng

RT: 3.20 min Scan# 190

Delta R.T. 0.06 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

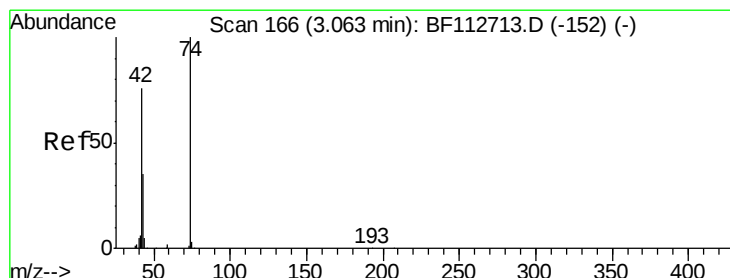
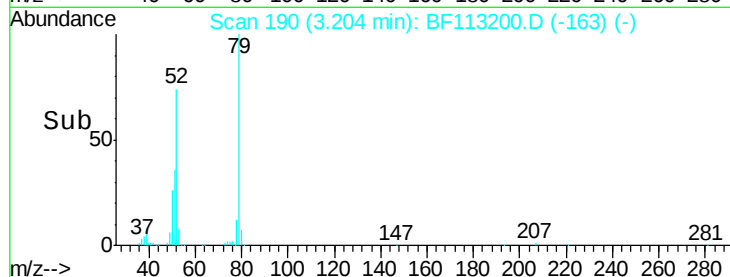
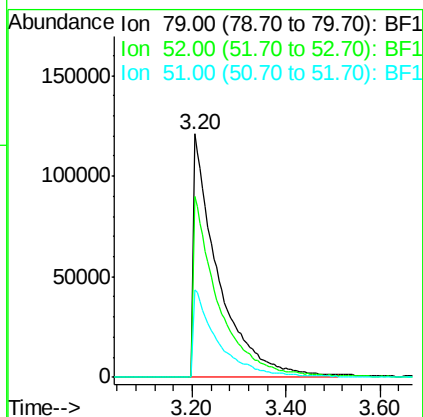
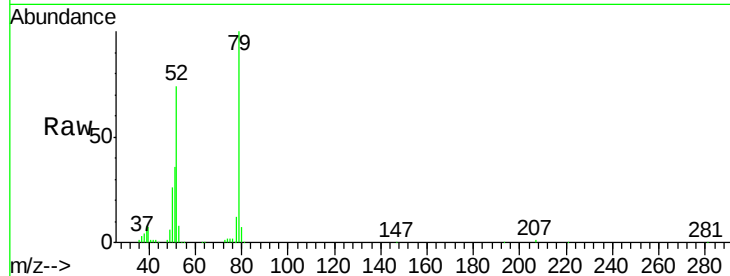
ClientSampleId :

PB118085BS

Tgt Ion:	79	Resp:	443402
Ion Ratio		Lower	Upper
79	100		
52	74.2	60.5	90.7
51	36.1	28.8	43.2

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 32.021 ng

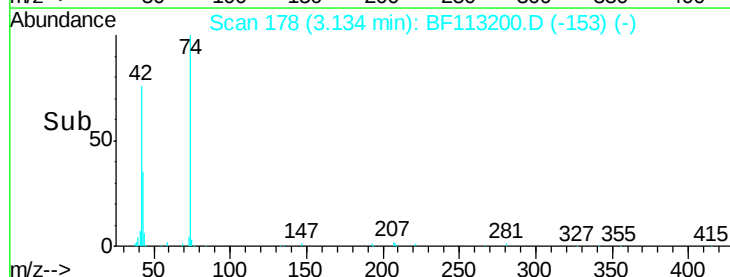
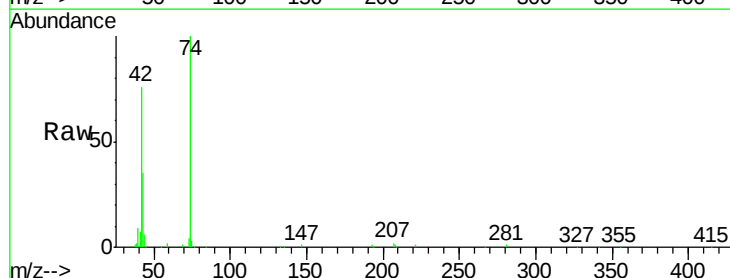
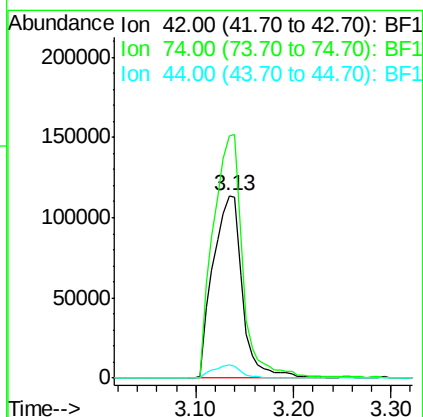
RT: 3.13 min Scan# 178

Delta R.T. 0.05 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Tgt Ion:	42	Resp:	237684
Ion Ratio		Lower	Upper
42	100		
74	132.3	105.8	158.8
44	7.4	6.2	9.2





#5

2-Fluorophenol

Concen: 107.495 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

PB118085BS

Tgt Ion: 112 Resp: 1360103

Ion Ratio Lower Upper

112 100

64 61.3 47.6 71.4

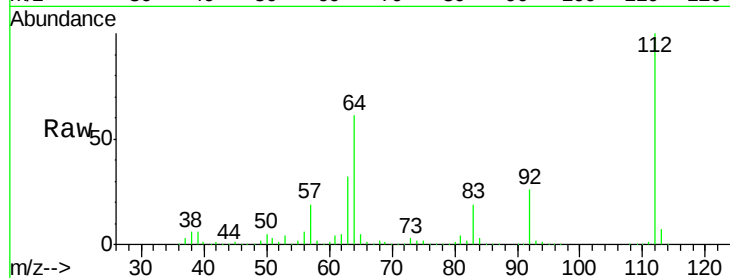
63 31.7 24.4 36.6

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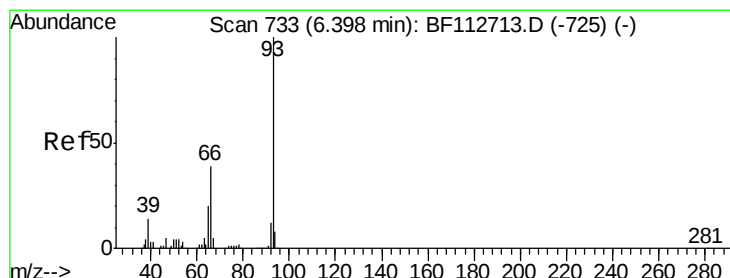
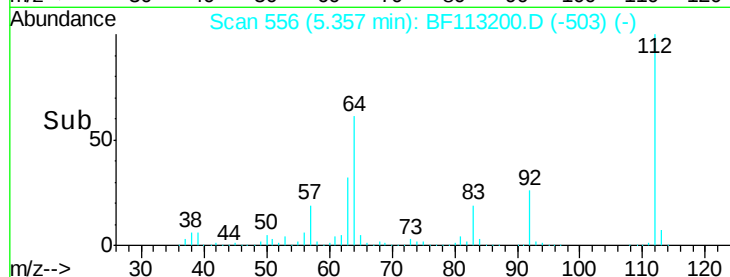
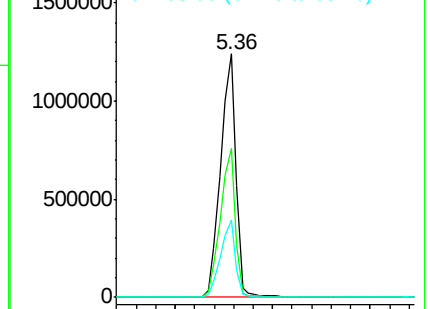
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.780 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

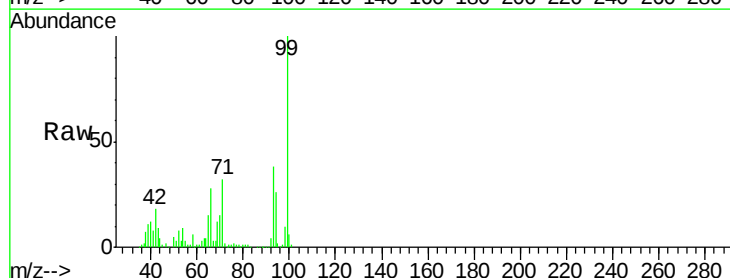
Tgt Ion: 93 Resp: 585881

Ion Ratio Lower Upper

93 100

66 75.8 32.2 48.2#

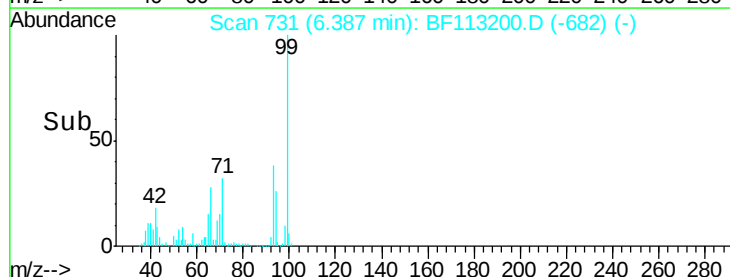
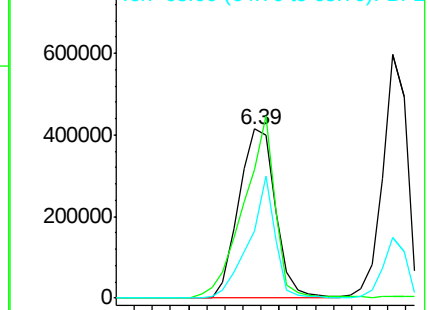
65 39.8 16.2 24.4#

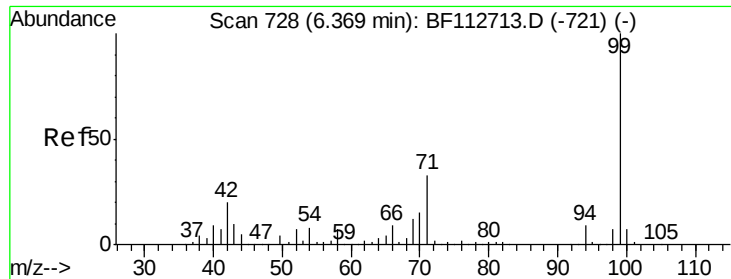


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.927 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

PB118085BS

Tgt Ion: 99 Resp: 1858432

Ion Ratio Lower Upper

99 100

42 19.8 16.3 24.5

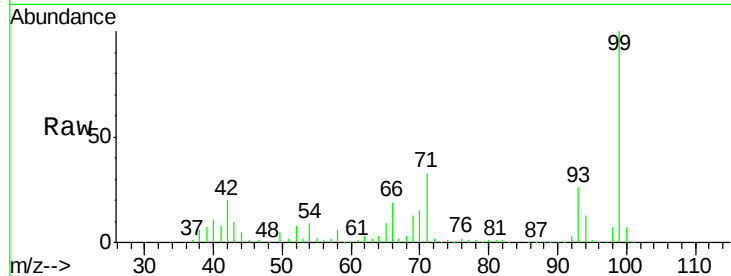
71 33.1 26.2 39.4

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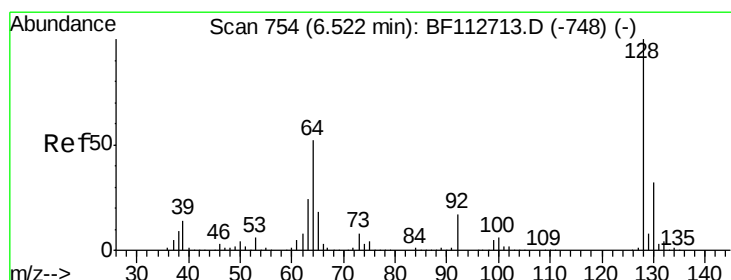
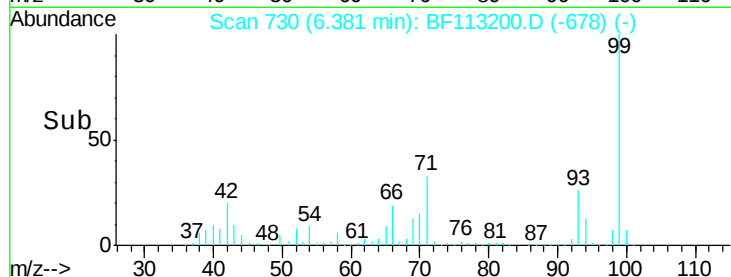
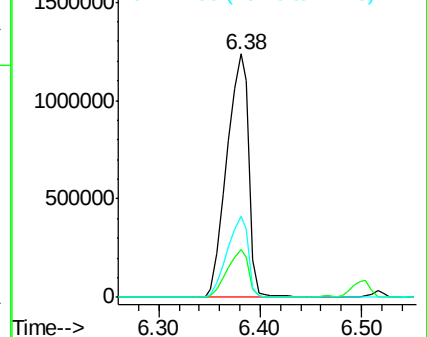
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.112 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

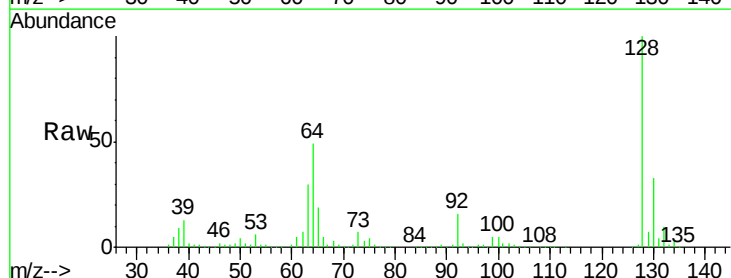
Tgt Ion: 128 Resp: 536802

Ion Ratio Lower Upper

128 100

130 32.6 12.4 52.4

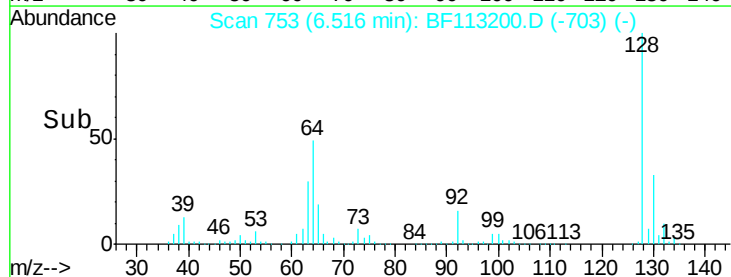
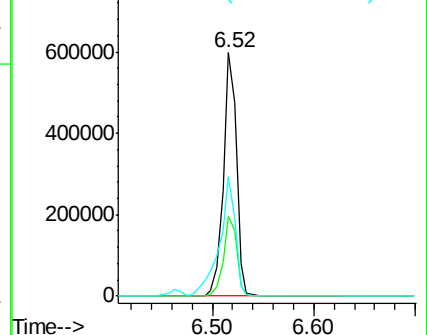
64 49.3 32.2 72.2

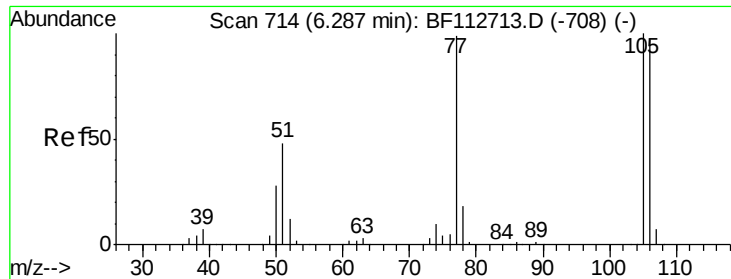


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.014 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

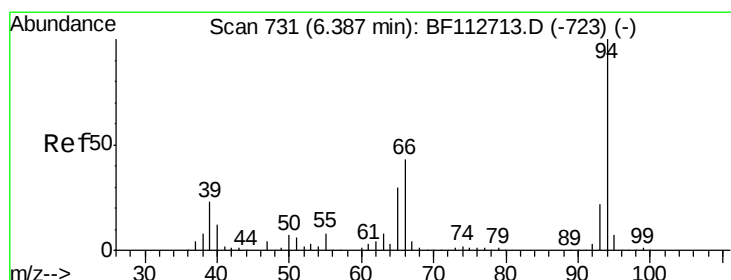
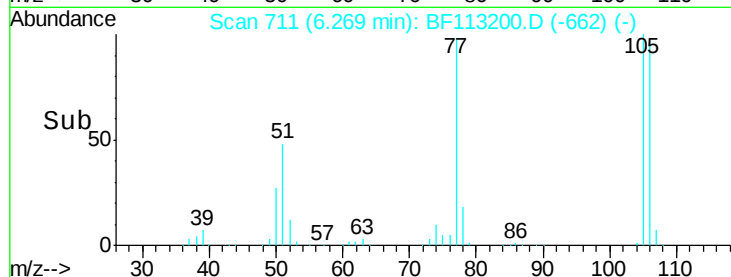
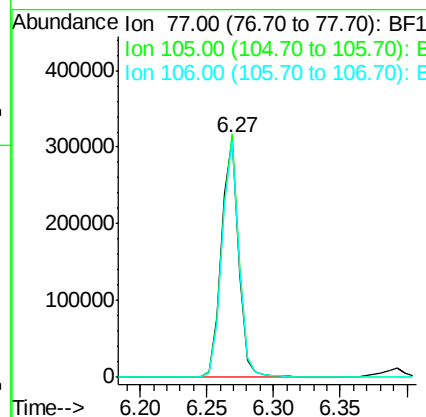
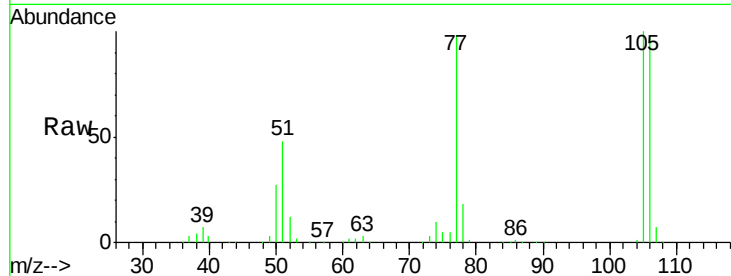
ClientSampleId :

PB118085BS

Tgt Ion:	77	Resp:	286461
Ion Ratio	Lower	Upper	
77	100		
105	101.9	81.4	121.4
106	98.9	78.3	118.3

Manual Integrations
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#10

Phenol

Concen: 36.031 ng

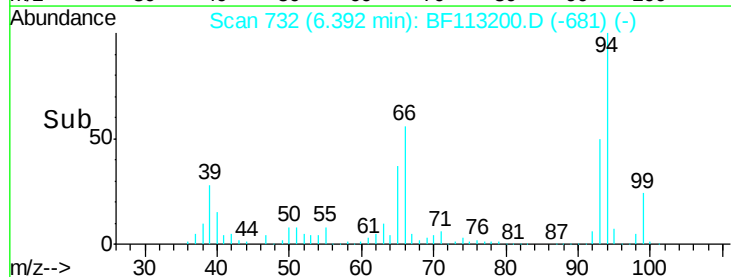
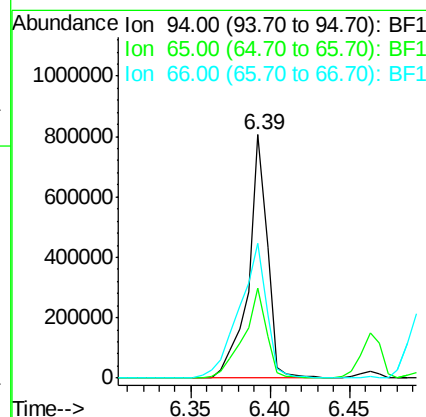
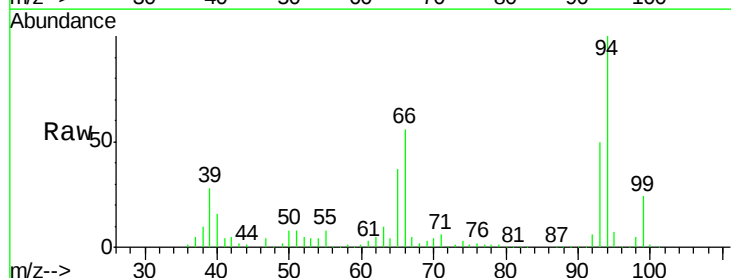
RT: 6.39 min Scan# 732

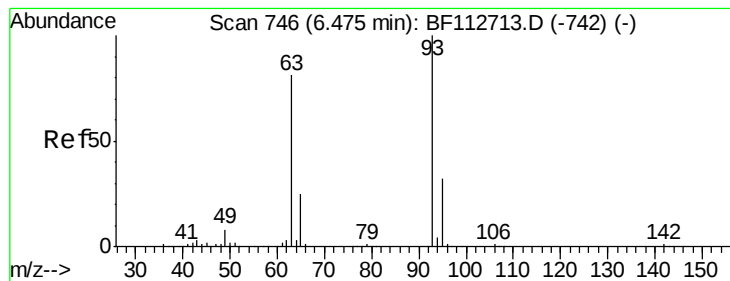
Delta R.T. -0.00 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Tgt Ion:	94	Resp:	668277
Ion Ratio	Lower	Upper	
94	100		
65	37.0	10.5	50.5
66	55.5	22.6	62.6





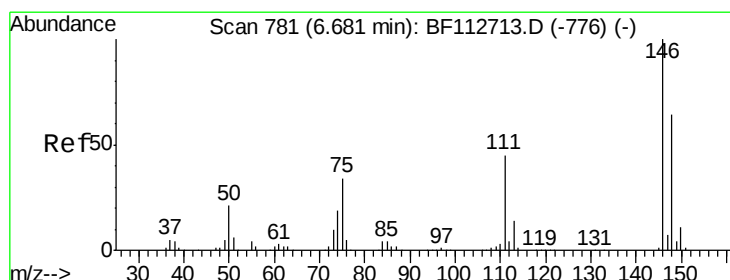
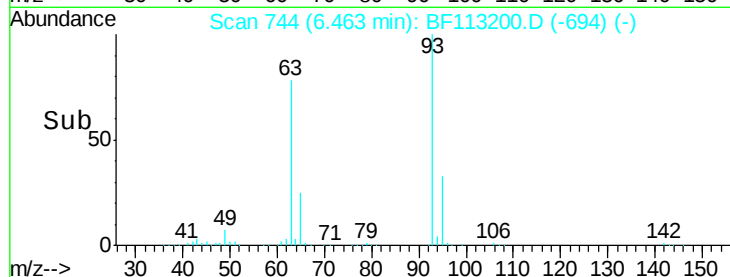
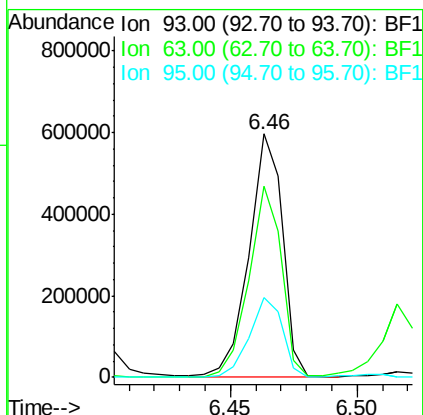
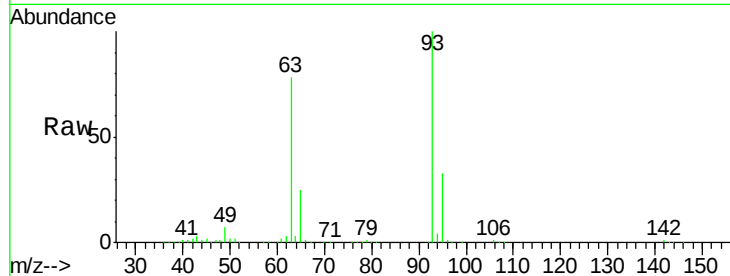
#11
bis(2-Chloroethyl)ether
Concen: 38.405 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	546729		
63	78.4	60.5	100.5	
95	33.0	12.1	52.1	

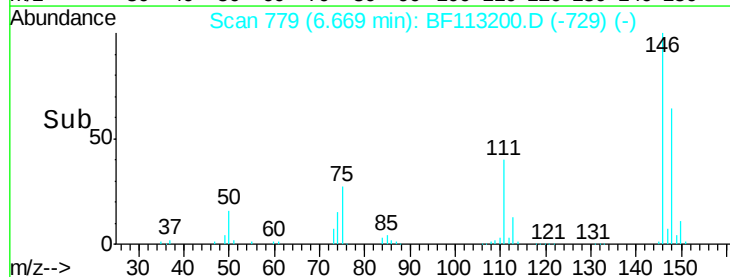
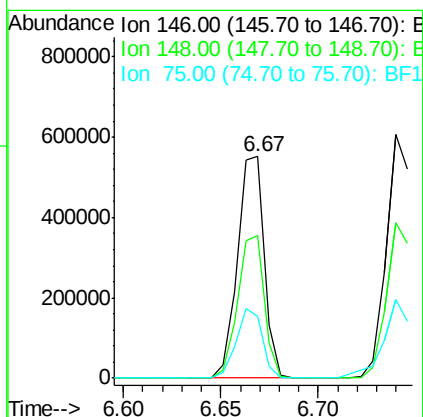
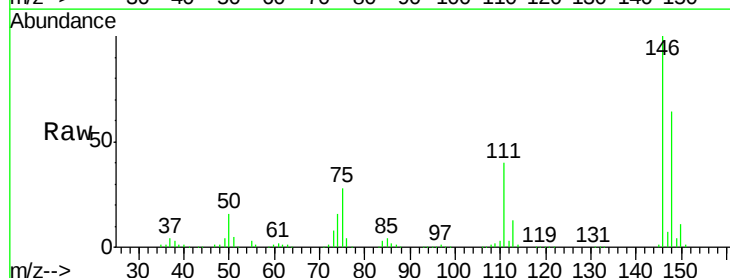
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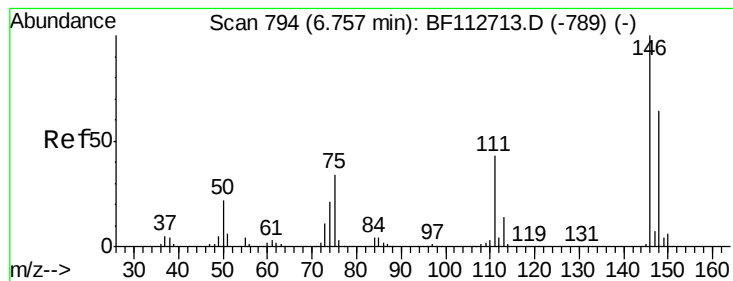
Sohil
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#12
1,3-Dichlorobenzene
Concen: 36.127 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	525645		
148	64.5	50.9	76.3	
75	27.8	26.9	40.3	





#13

1,4-Dichlorobenzene

Concen: 37.360 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

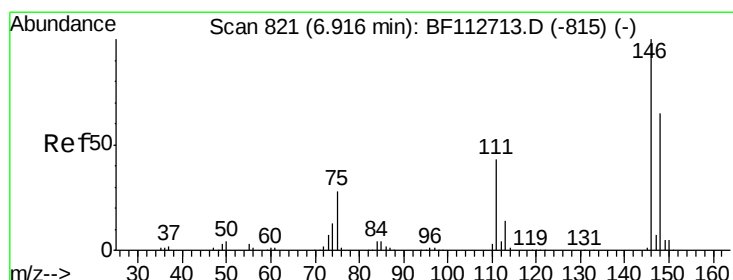
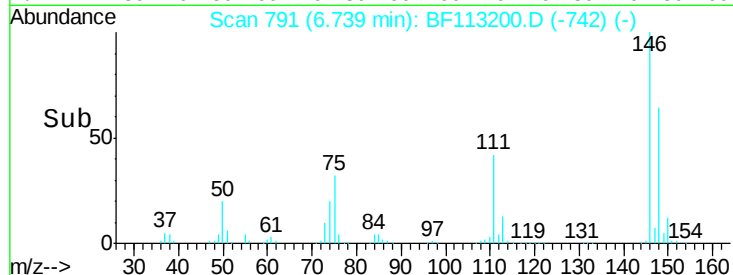
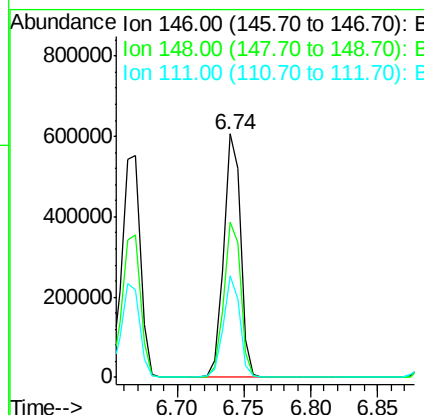
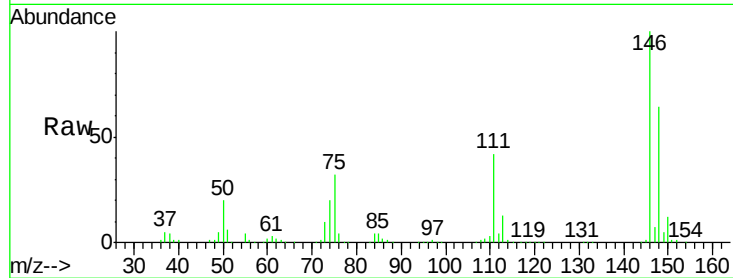
ClientSampleId :

PB118085BS

Tgt Ion:	146	Resp:	545135
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.0	76.4
111	41.7	34.5	51.7

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#14

1,2-Dichlorobenzene

Concen: 33.921 ng

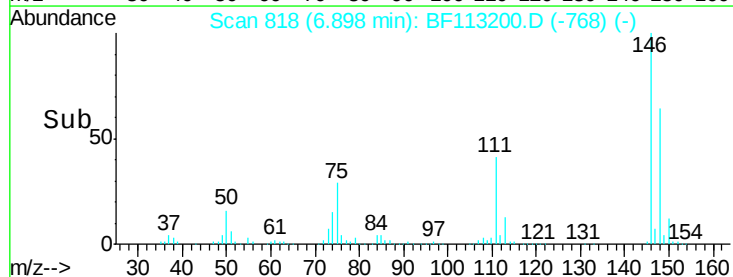
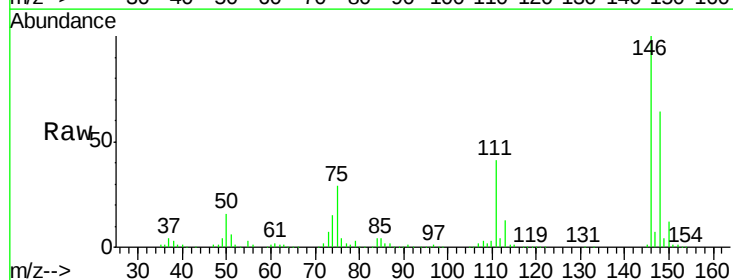
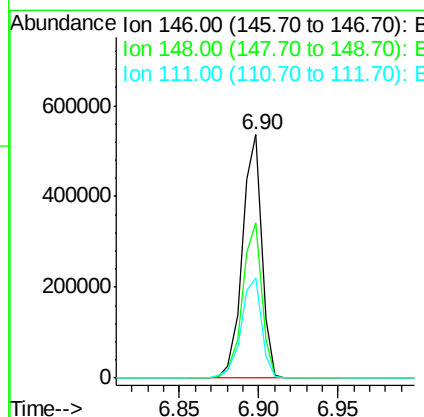
RT: 6.90 min Scan# 818

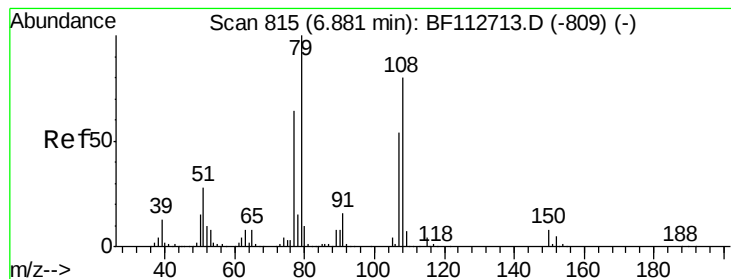
Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Tgt Ion:	146	Resp:	453729
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.0	78.0
111	41.3	34.8	52.2





#15

Benzyl Alcohol

Concen: 31.227 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

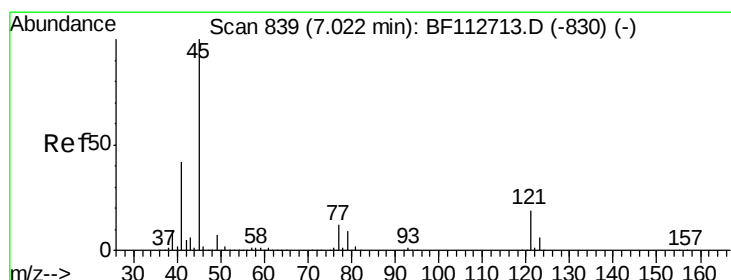
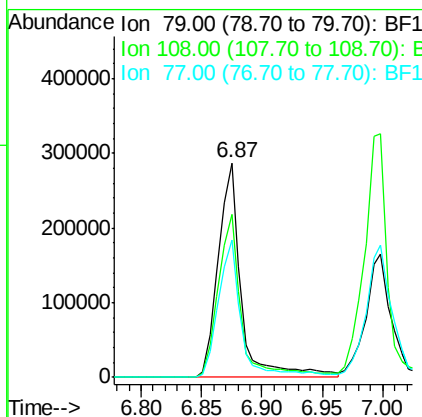
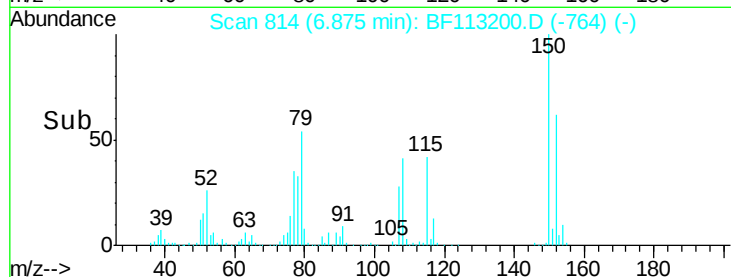
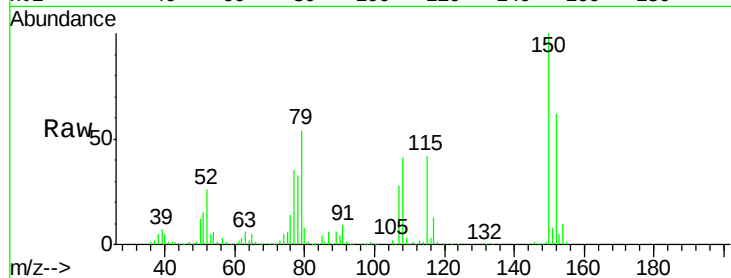
ClientSampled :

PB118085BS

Tgt Ion:	79	Resp:	378460
Ion Ratio	Lower	Upper	
79	100		
108	76.3	64.2	96.4
77	64.3	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.033 ng

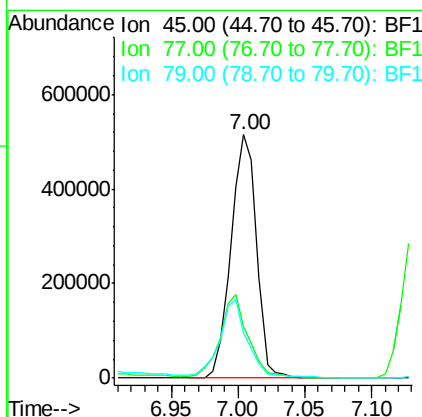
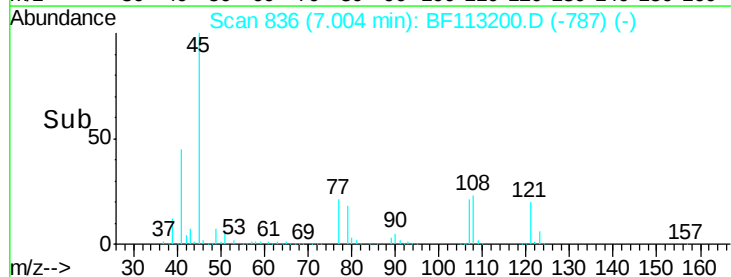
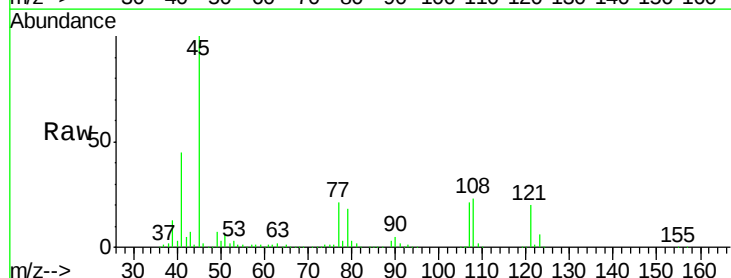
RT: 7.00 min Scan# 836

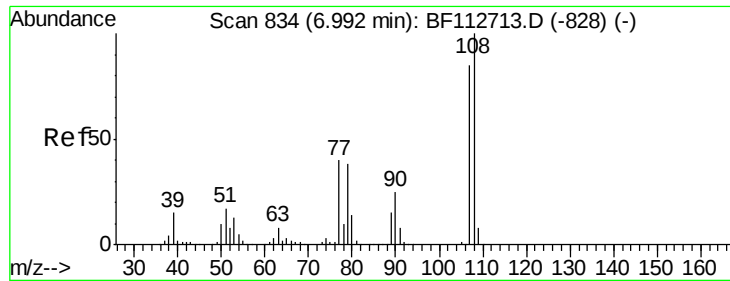
Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

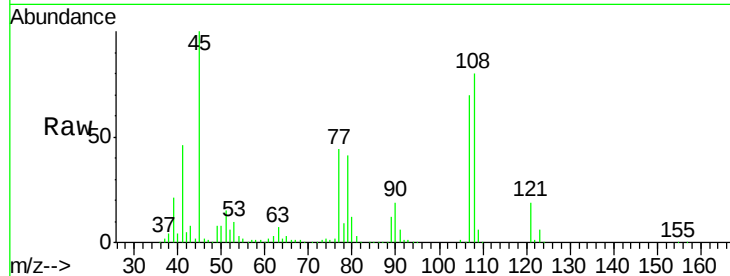
Tgt Ion:	45	Resp:	689754
Ion Ratio	Lower	Upper	
45	100		
77	21.4	0.0	32.1
79	18.4	0.0	29.4





#17
2-Methylphenol
Concen: 32.994 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

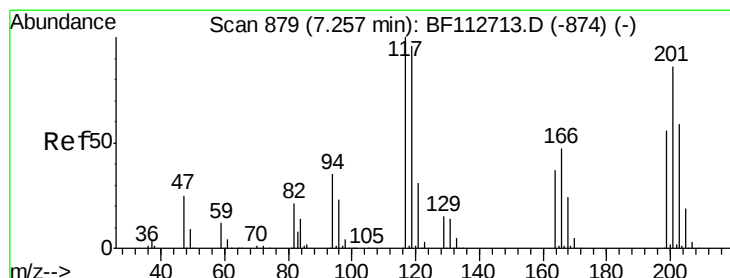
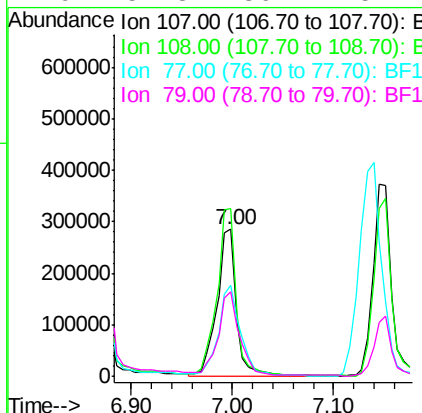
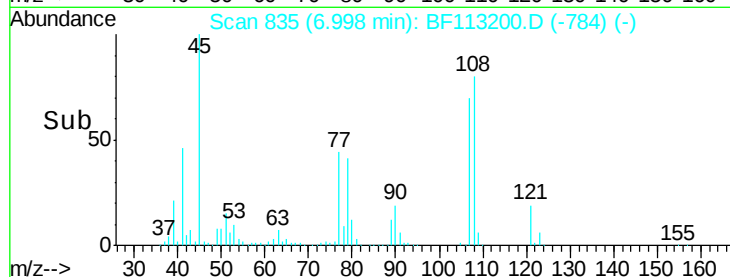
Instrument :
BNA_F
ClientSampleId :
PB118085BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	377001		
108	114.3	94.6	142.0	
77	62.0	37.8	56.8#	
79	57.8	36.2	54.2#	

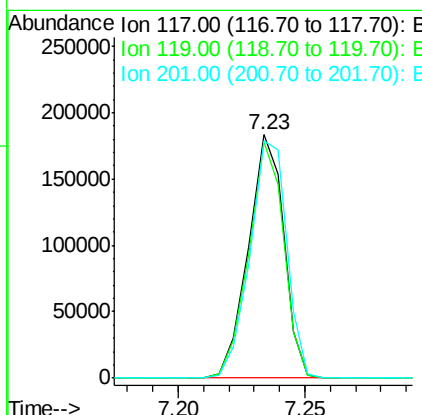
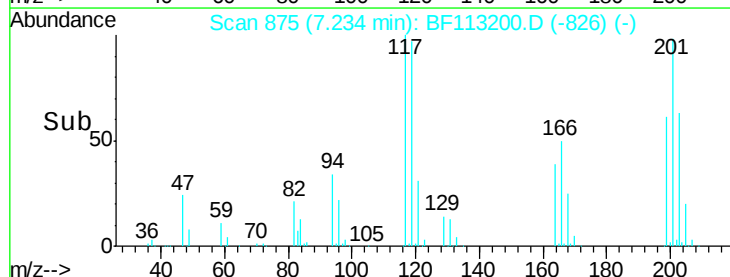
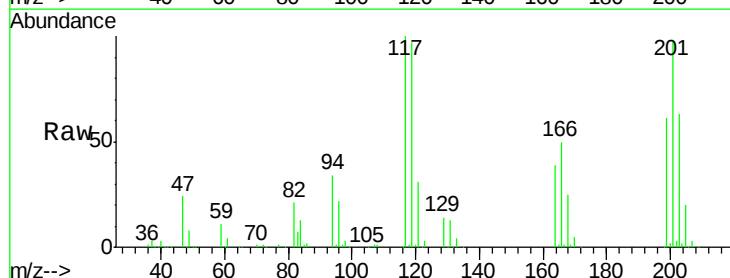
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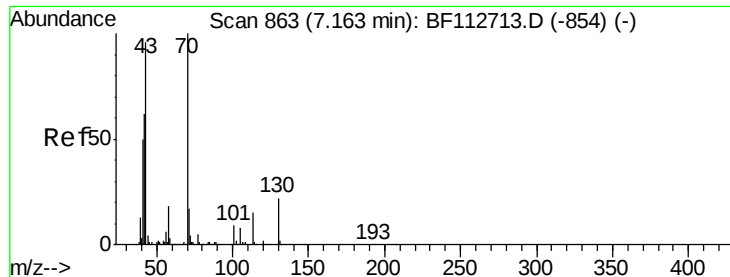
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#18
Hexachloroethane
Concen: 31.950 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	178580		
119	97.0	76.6	115.0	
201	97.6	68.9	103.3	





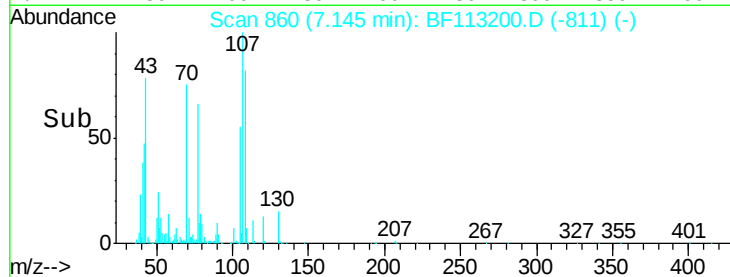
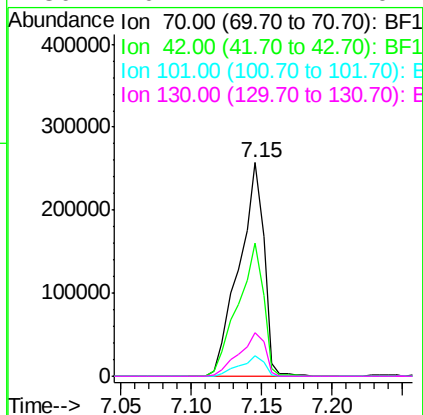
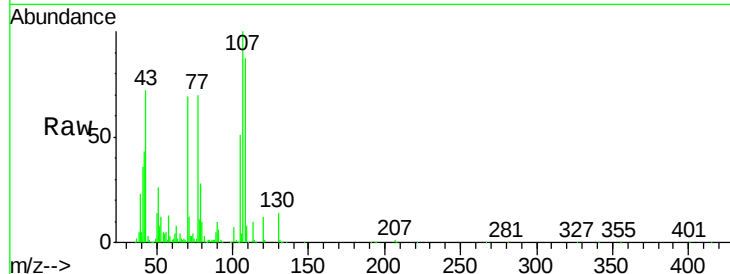
#19
n-Nitroso-di-n-propylamine
Concen: 31.645 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.4	49.9	74.9
101	9.6	7.4	11.2
130	20.7	17.4	26.2

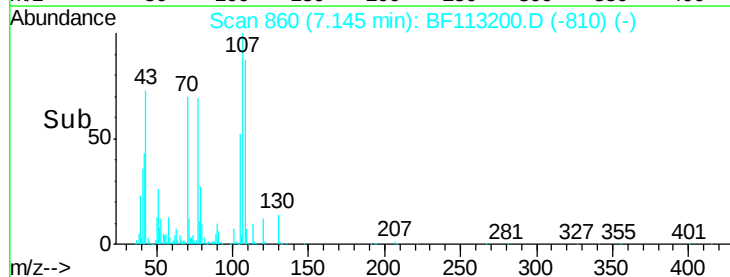
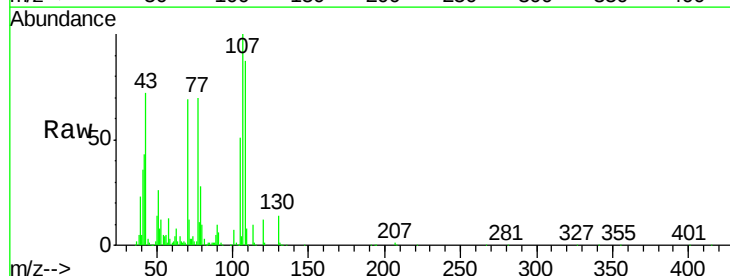
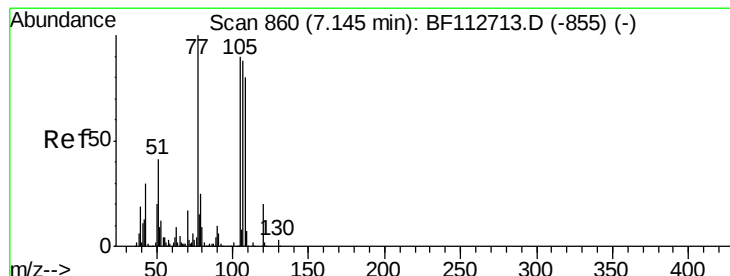
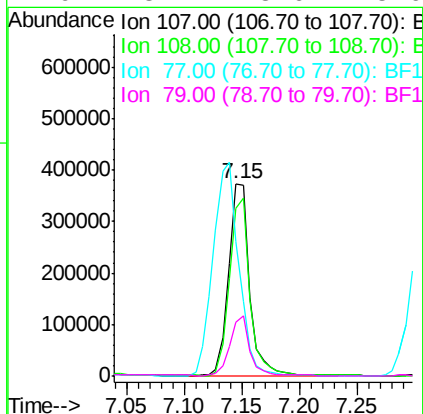
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#20
3+4-Methylphenols
Concen: 36.192 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	71.4	111.4
77	70.1	94.1	134.1#
79	28.2	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

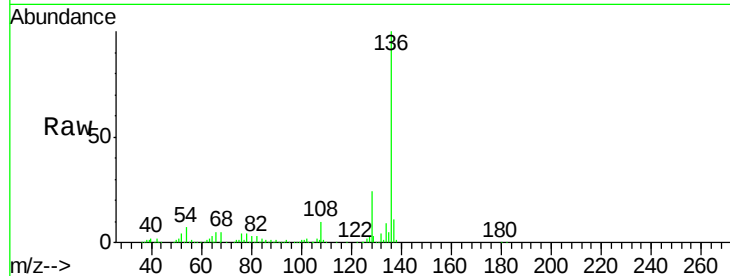
ClientSampleId :

PB118085BS

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		704038		
137	10.9	8.9	13.3		
54	7.2	7.3	10.9#		
68	5.2	5.4	8.2#		

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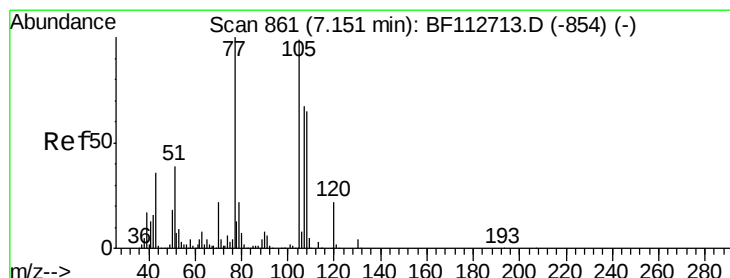
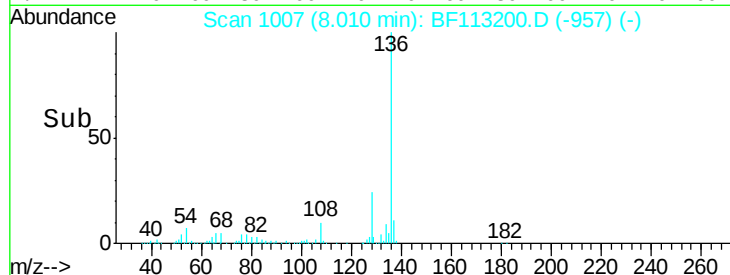
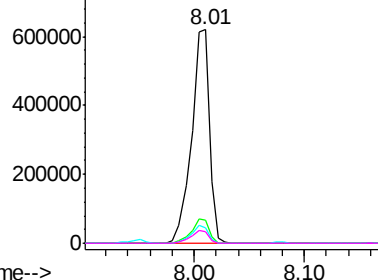


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.075 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

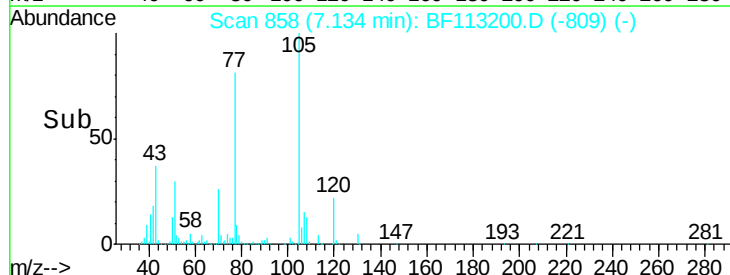
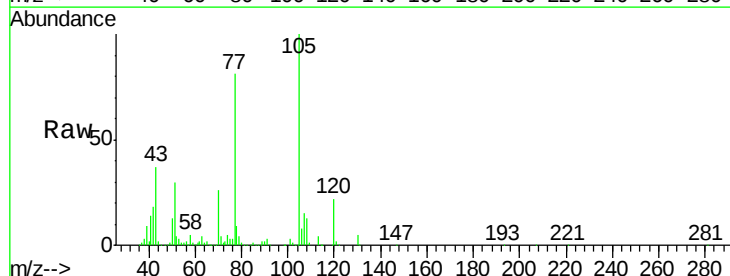
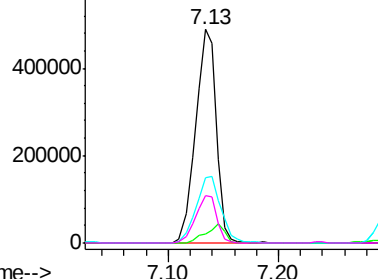
Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		643268		
71	4.4	3.0	4.4		
51	30.4	31.5	47.3#		
120	22.0	18.1	27.1		

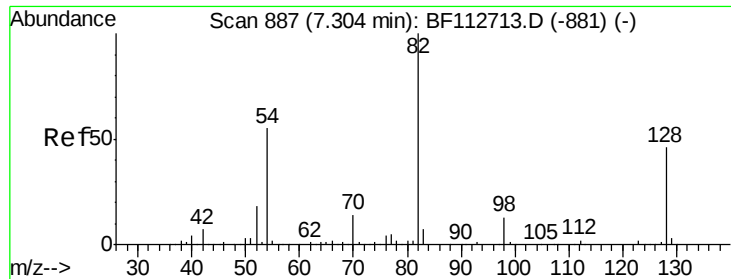
Abundance Ion 105.00 (104.70 to 105.70): E

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





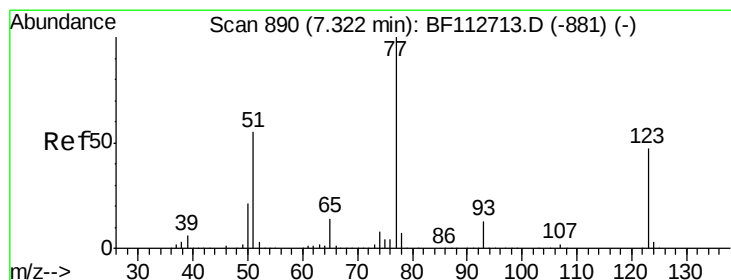
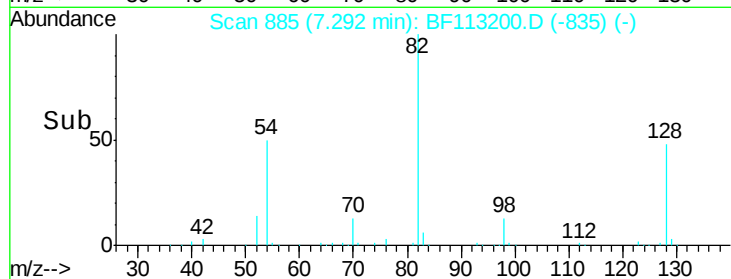
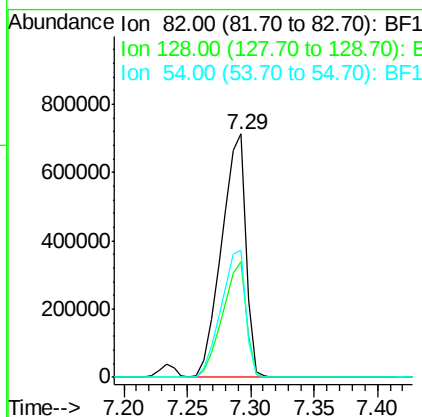
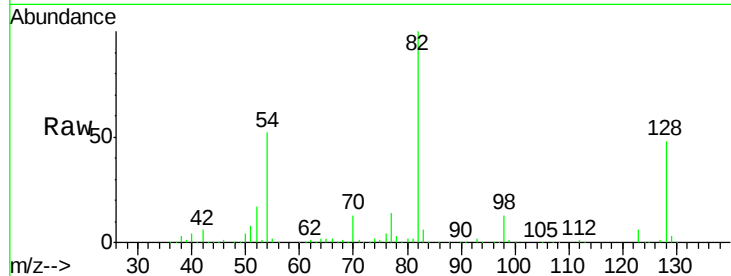
#23
 Nitrobenzene-d5
 Concen: 80.267 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Instrument :
 BNA_F
 ClientSampleID :
 PB118085BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	944402		
128	47.6	36.3	54.5	
54	52.2	43.7	65.5	

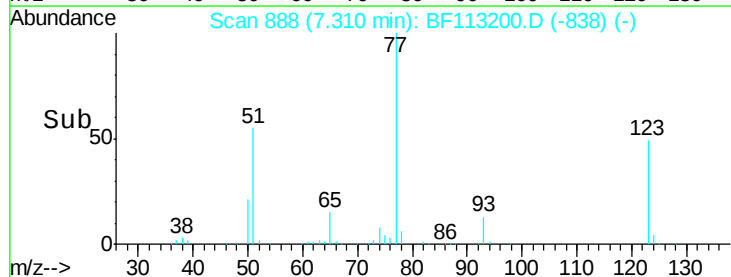
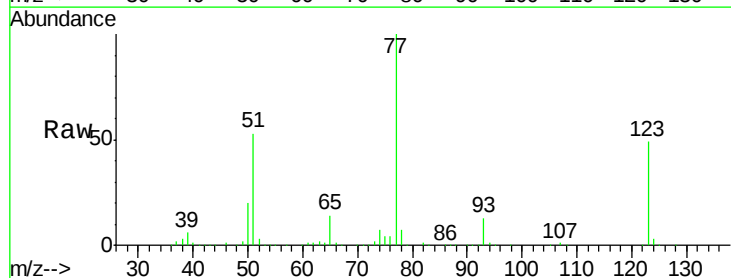
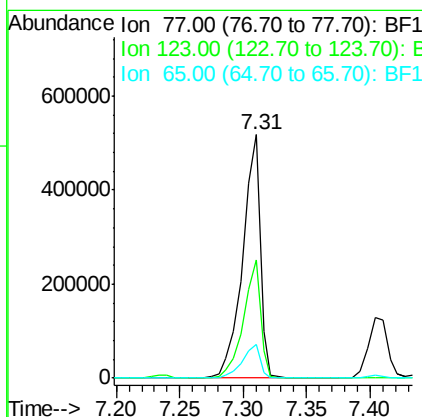
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#24
 Nitrobenzene
 Concen: 37.672 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	493327		
123	48.7	37.8	56.6	
65	14.0	11.1	16.7	





#25

Isophorone

Concen: 36.083 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

PB118085BS

Tgt Ion: 82 Resp: 914624
Ion Ratio Lower Upper

82 100

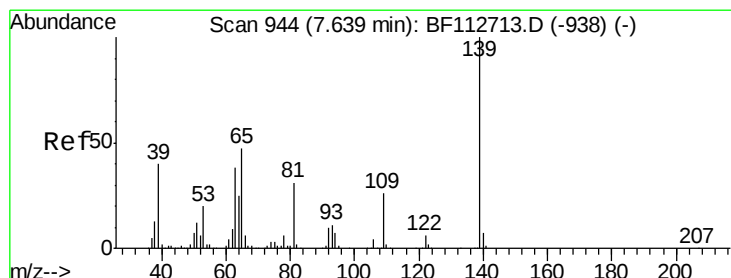
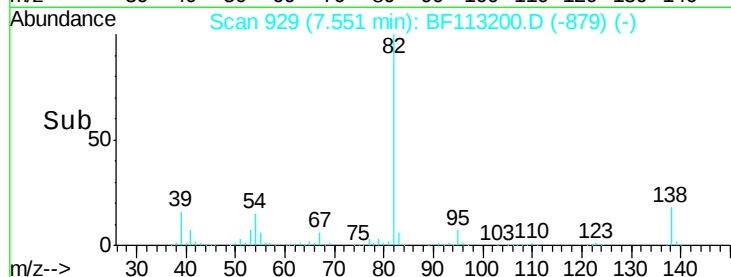
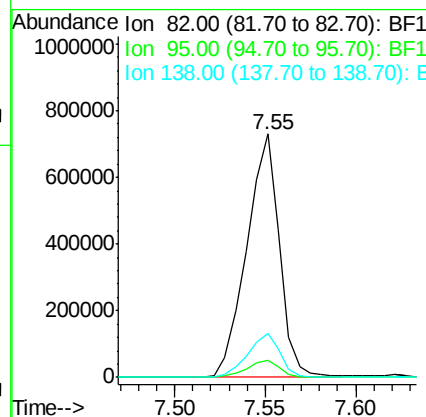
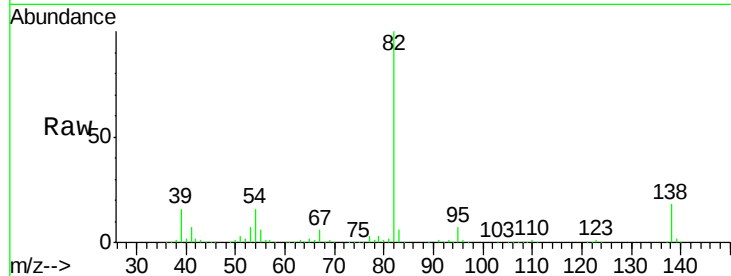
95 7.1 5.2 7.8

138 18.1 13.8 20.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.045 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF113200.D

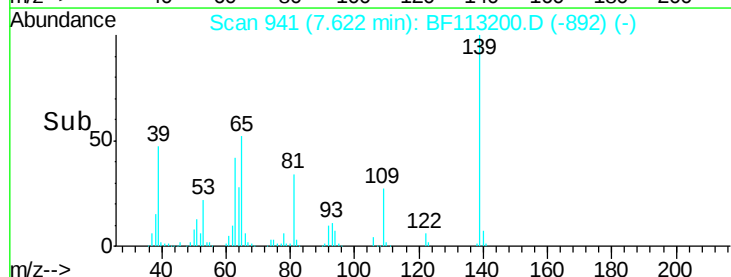
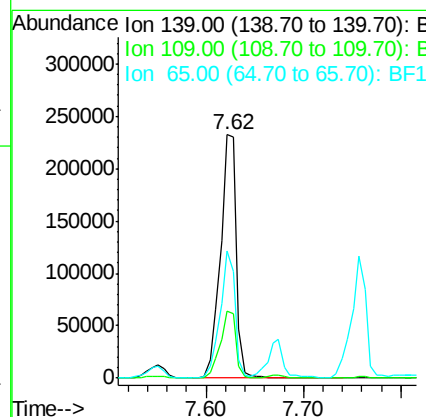
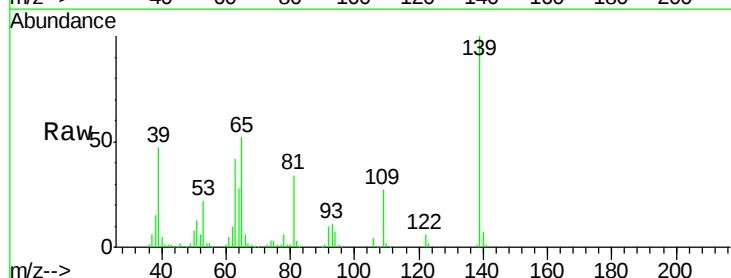
Acq: 21 Mar 2019 11:11

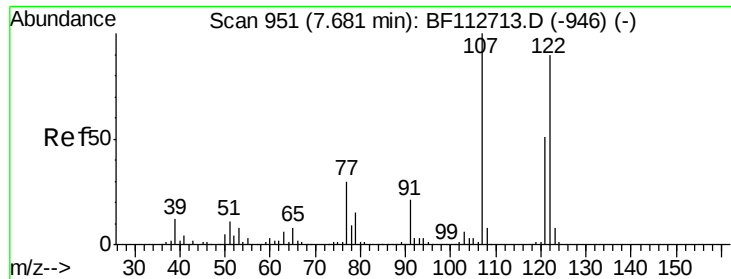
Tgt Ion: 139 Resp: 261906
Ion Ratio Lower Upper

139 100

109 27.4 20.6 31.0

65 52.0 37.9 56.9





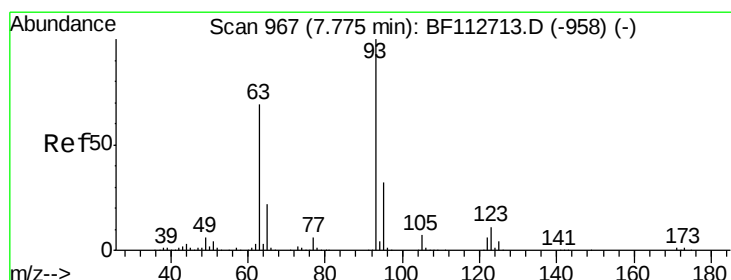
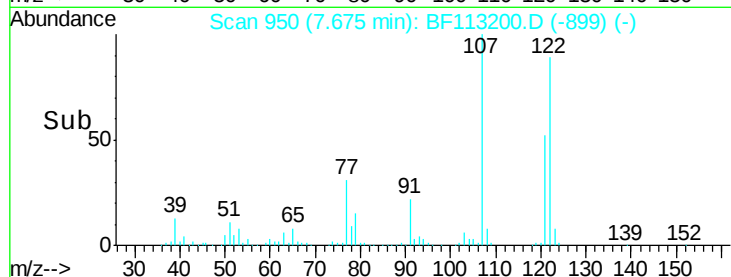
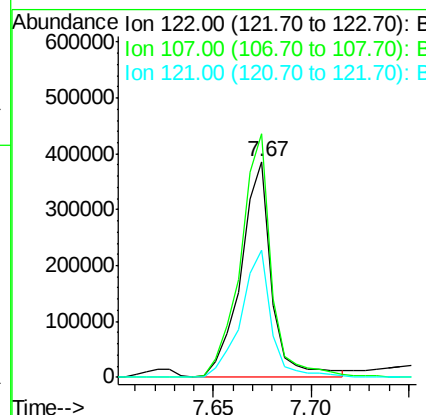
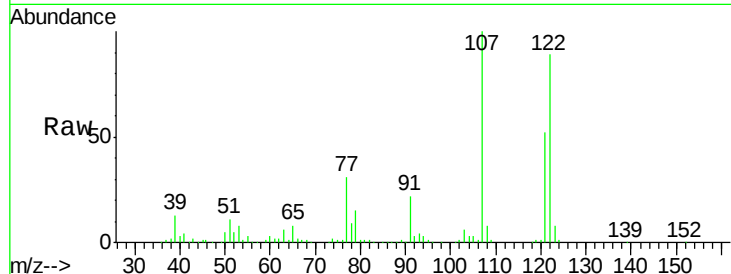
#27
 2,4-Dimethylphenol
 Concen: 41.842 ng
 RT: 7.67 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB118085BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	424344		
107	112.8	89.4	134.0	
121	59.0	45.5	68.3	

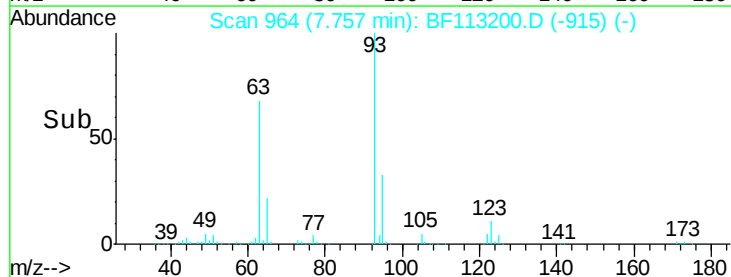
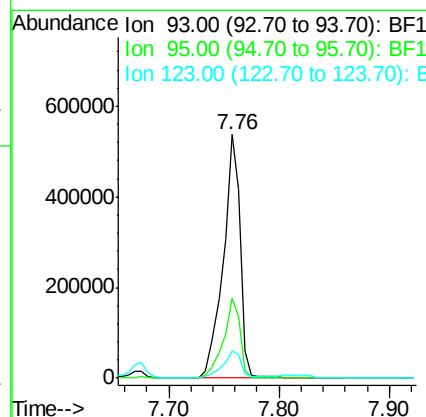
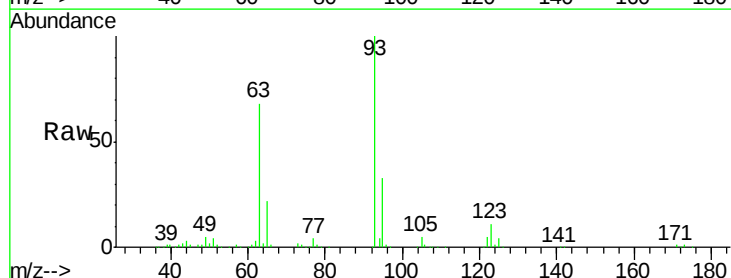
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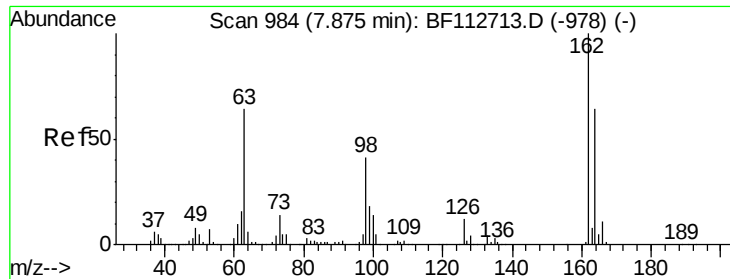
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.018 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	570794		
95	32.7	26.0	39.0	
123	11.4	9.3	13.9	





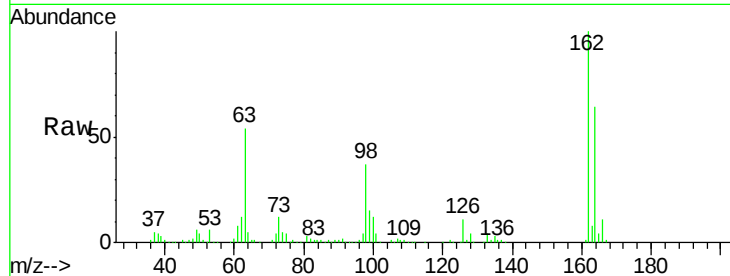
#29
2,4-Dichlorophenol
Concen: 41.904 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

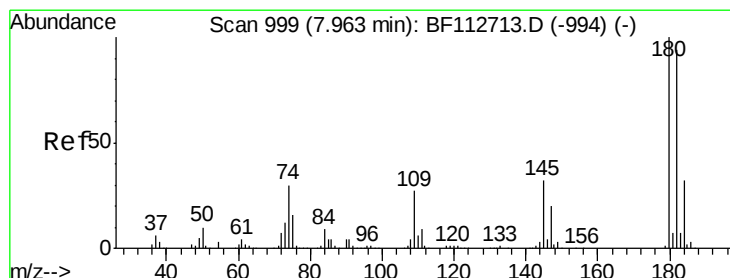
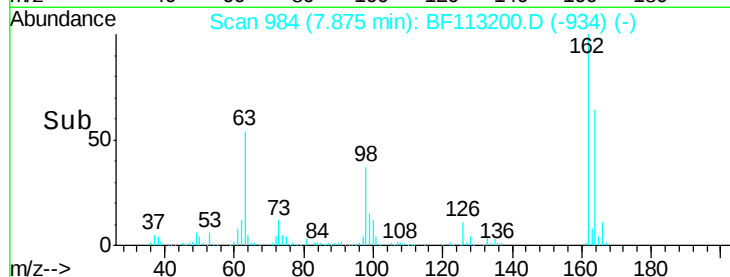
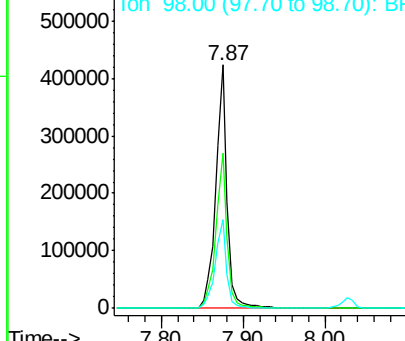
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	412119		
164	63.9	44.0	84.0	
98	36.6	20.7	60.7	

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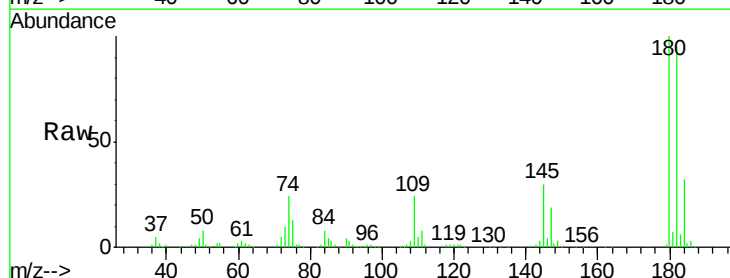


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

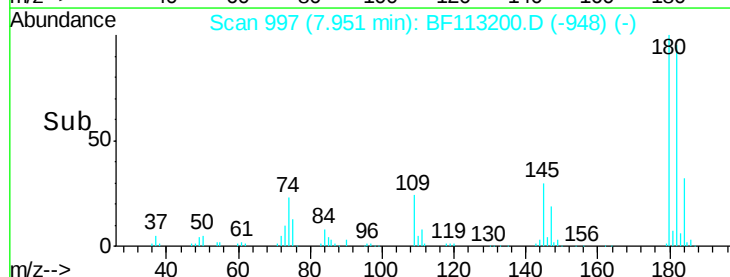
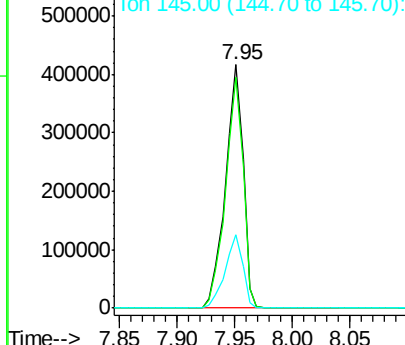


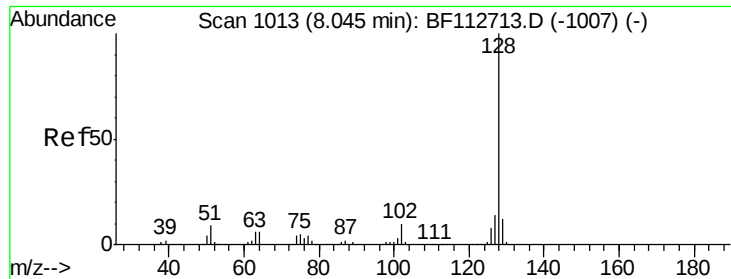
#30
1,2,4-Trichlorobenzene
Concen: 41.958 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	443389		
182	94.6	75.2	112.8	
145	29.9	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





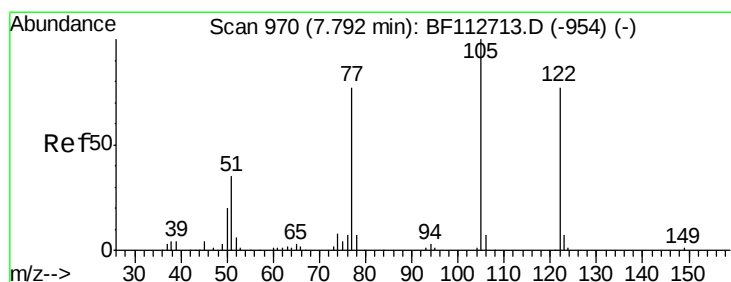
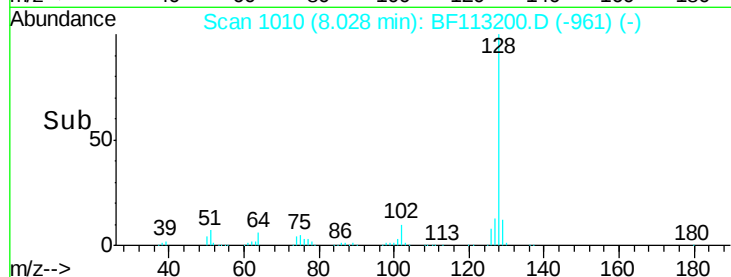
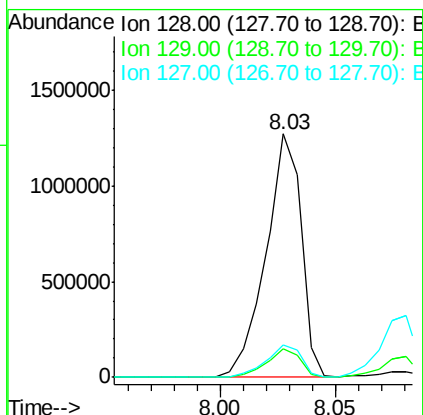
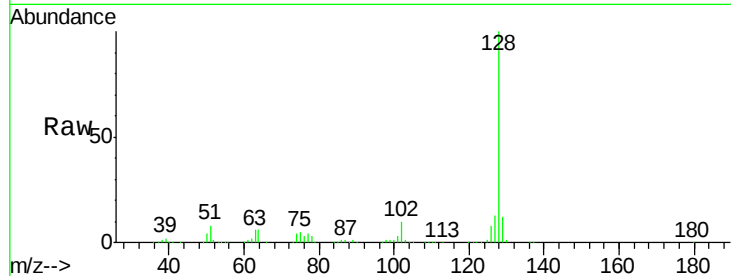
#31
Naphthalene
Concen: 38.773 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

Tgt Ion:128 Resp: 1355251
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.4 10.9 16.3

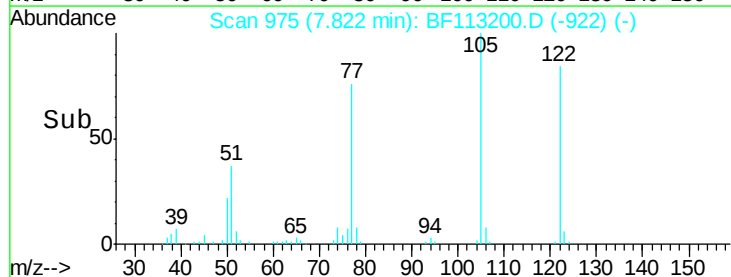
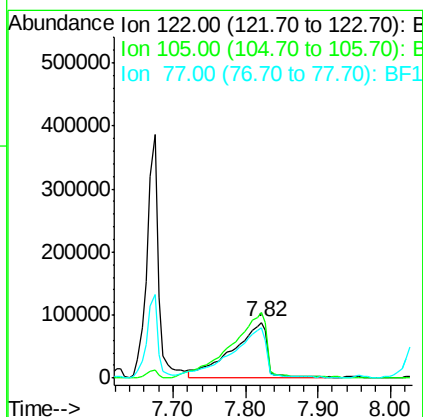
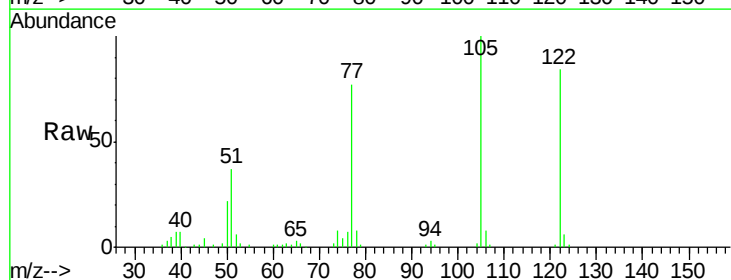
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#32
Benzoic acid
Concen: 40.647 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion:122 Resp: 288924
Ion Ratio Lower Upper
122 100
105 119.3 106.8 146.8
77 91.5 79.4 119.4





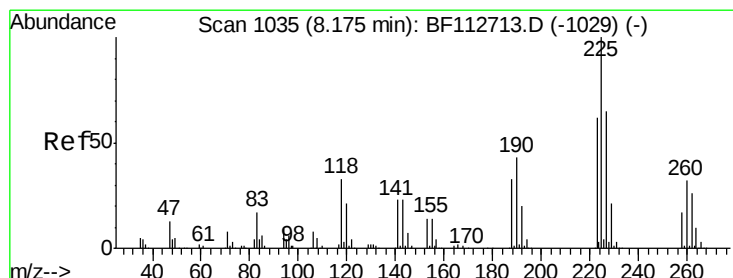
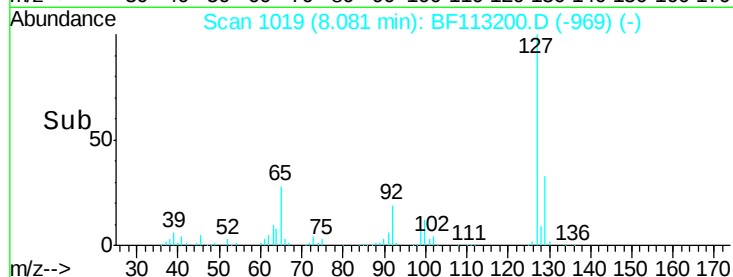
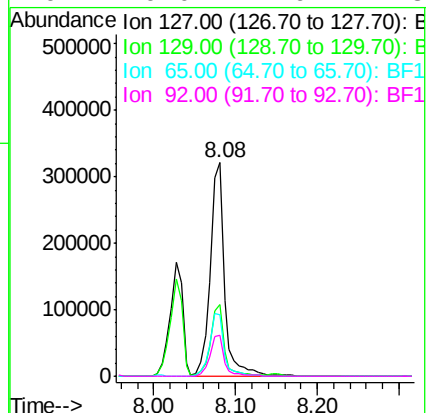
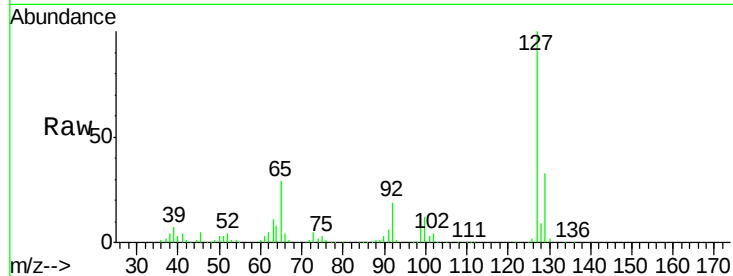
#33
4-Chloroaniline
Concen: 26.198 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	387857		
129	33.3	26.4	39.6	
65	28.6	23.1	34.7	
92	19.0	14.9	22.3	

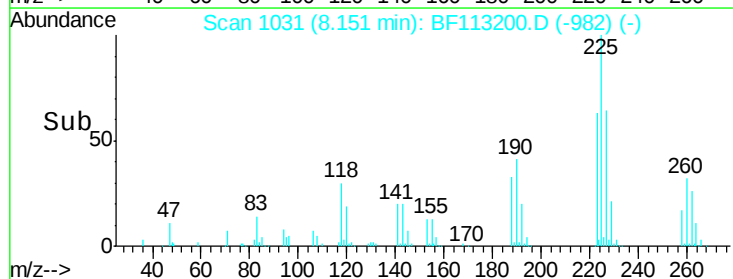
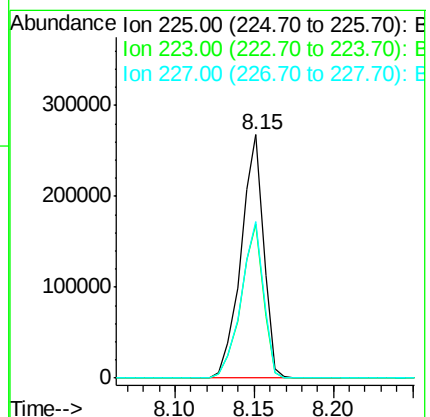
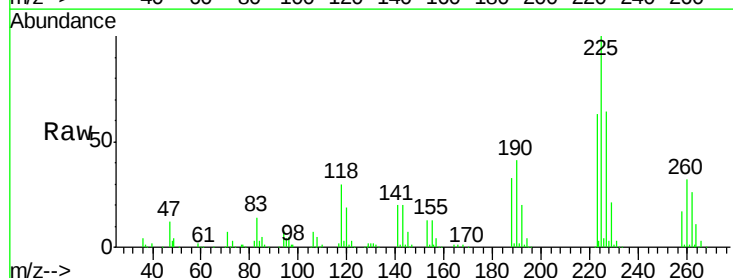
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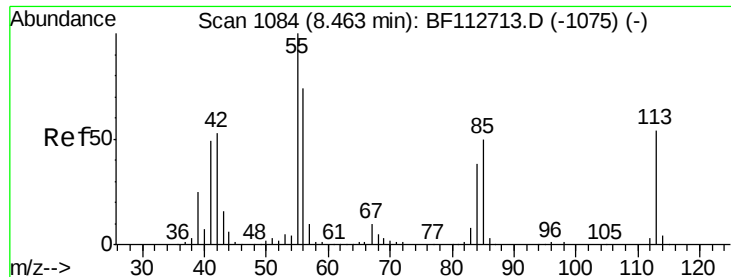
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#34
Hexachlorobutadiene
Concen: 44.249 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	263707		
223	63.3	49.7	74.5	
227	64.1	52.1	78.1	





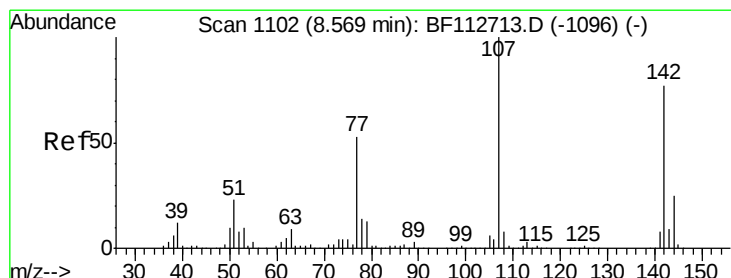
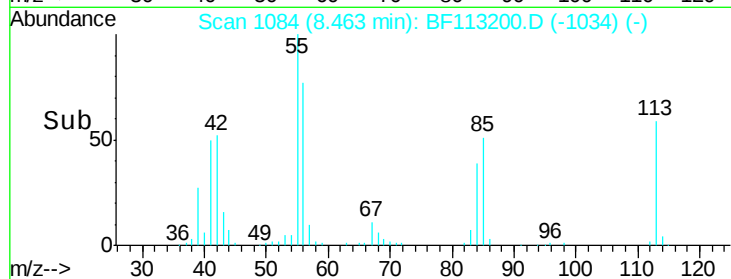
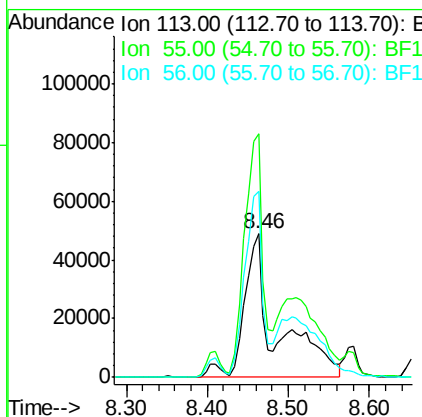
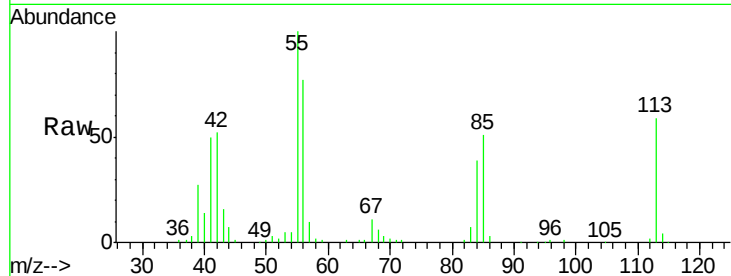
#35
 Caprolactam
 Concen: 38.784 ng m
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB118085BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	169.4	163.5	203.5
56	129.8	115.3	155.3

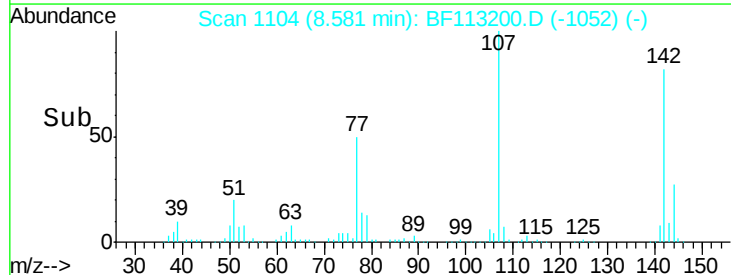
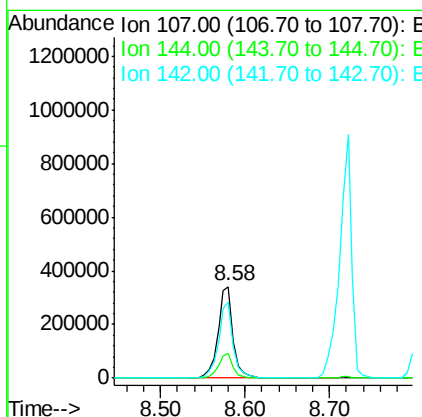
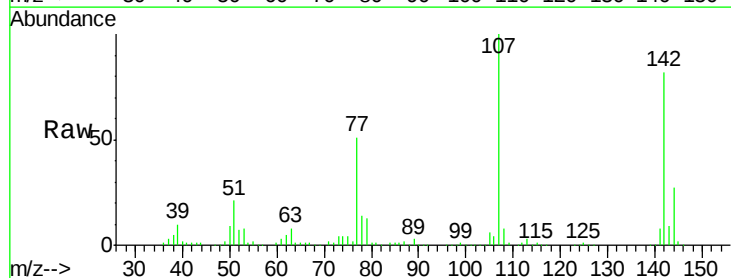
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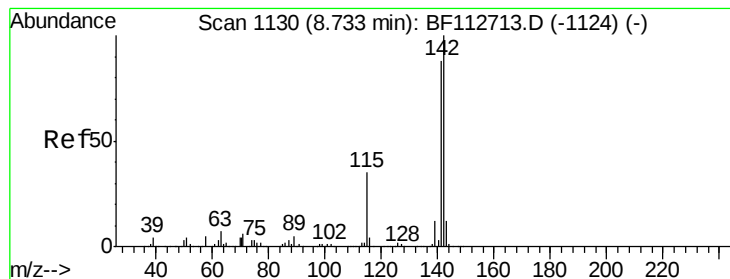
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#36
 4-Chloro-3-methylphenol
 Concen: 39.291 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	20.1	30.1
142	82.4	61.9	92.9





#37

2-Methylnaphthalene

Concen: 41.157 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

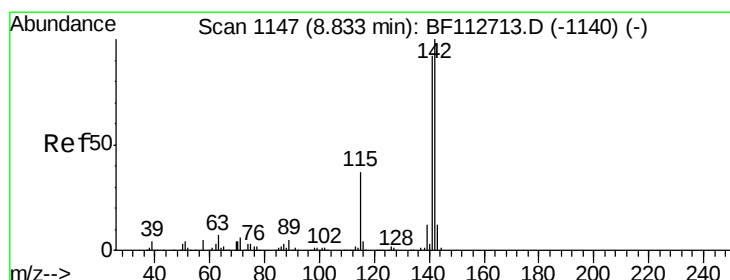
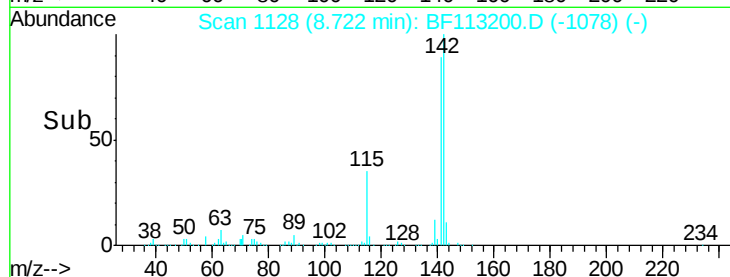
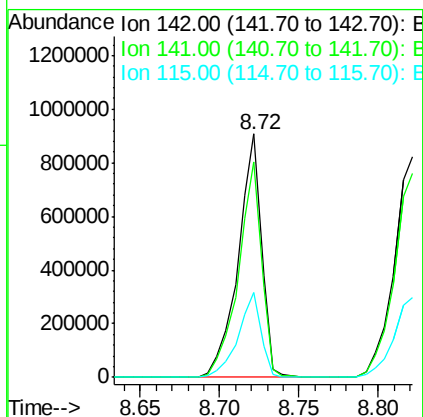
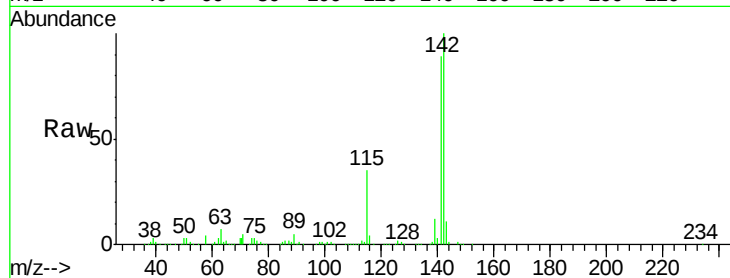
ClientSampleId :

PB118085BS

Tgt Ion:	142	Resp:	929035
Ion Ratio	Lower	Upper	
142	100		
141	88.5	70.3	105.5
115	34.8	27.8	41.6

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#38

1-Methylnaphthalene

Concen: 39.984 ng

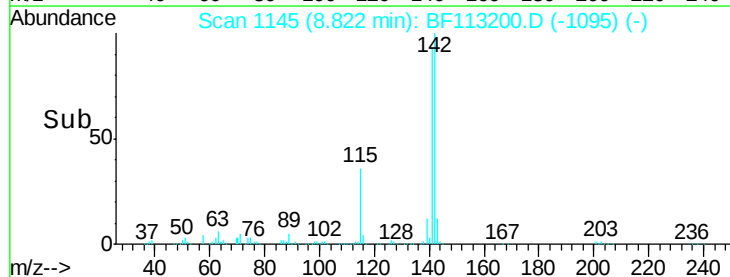
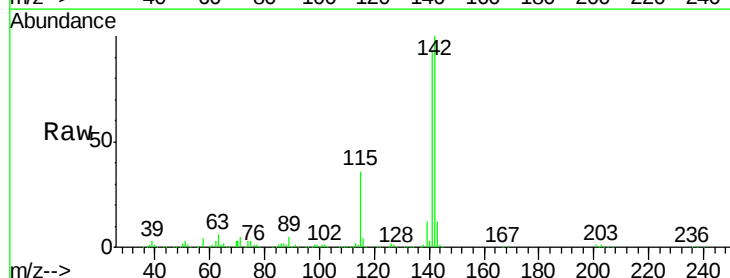
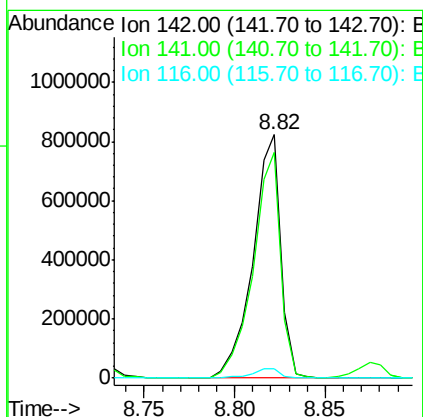
RT: 8.82 min Scan# 1145

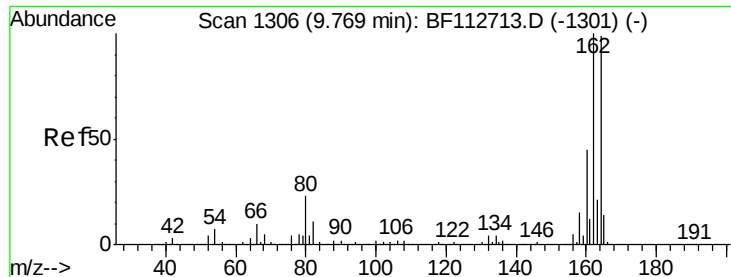
Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Tgt Ion:	142	Resp:	874288
Ion Ratio	Lower	Upper	
142	100		
141	92.6	73.7	110.5
116	3.6	3.1	4.7





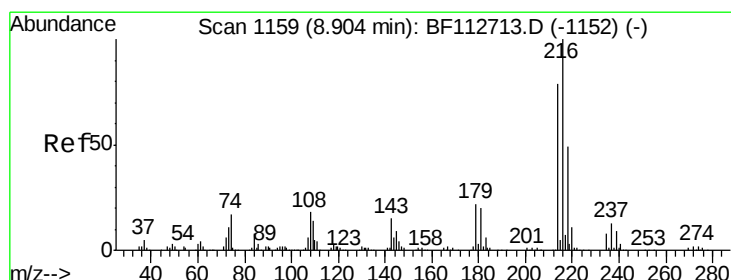
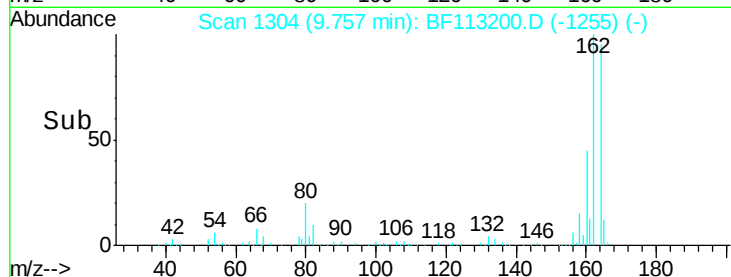
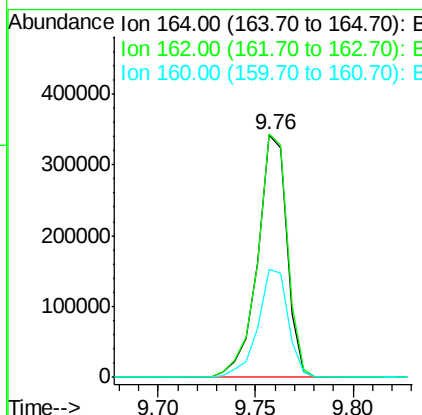
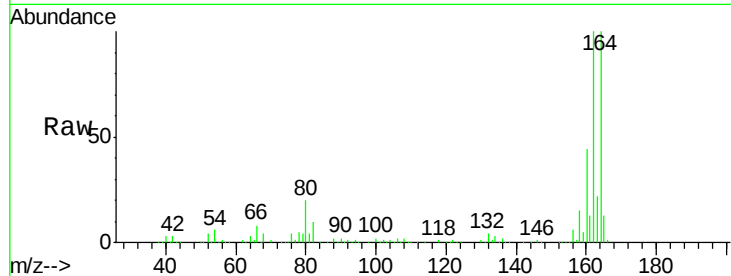
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	356886		
162	100.4	80.6	120.8	
160	44.6	36.0	54.0	

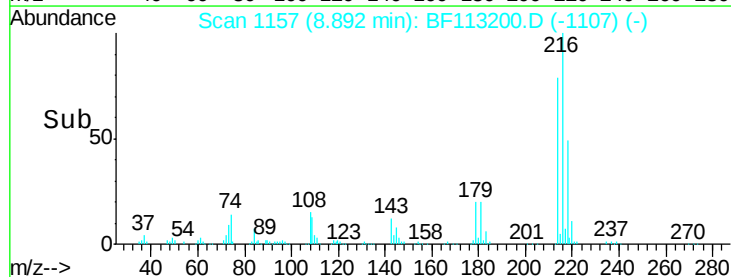
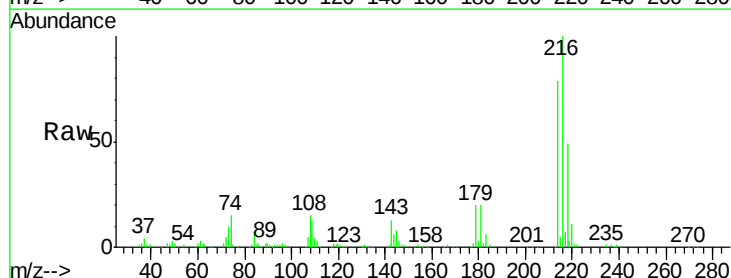
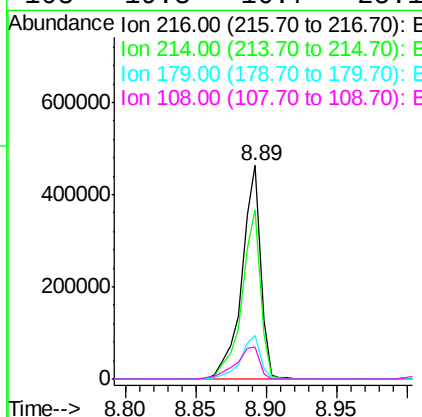
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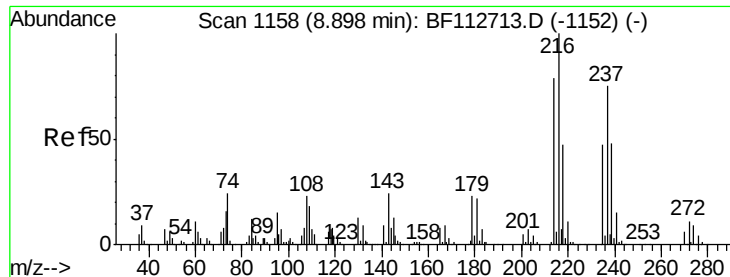
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.118 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	427926		
214	79.3	63.2	94.8	
179	20.7	17.5	26.3	
108	19.3	16.7	25.1	





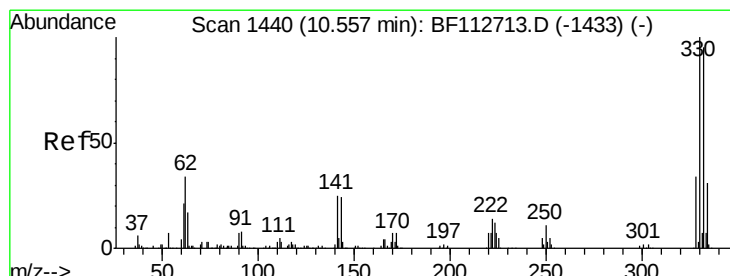
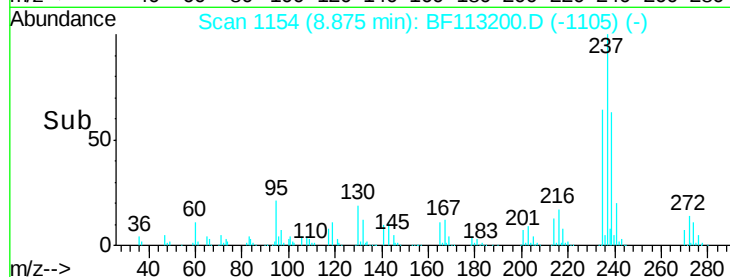
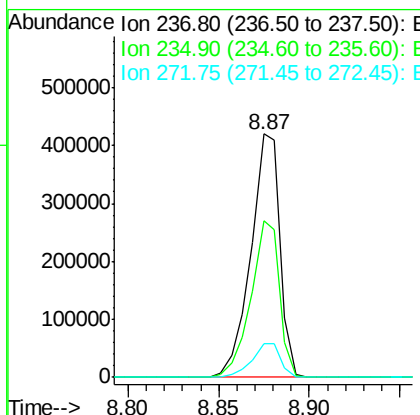
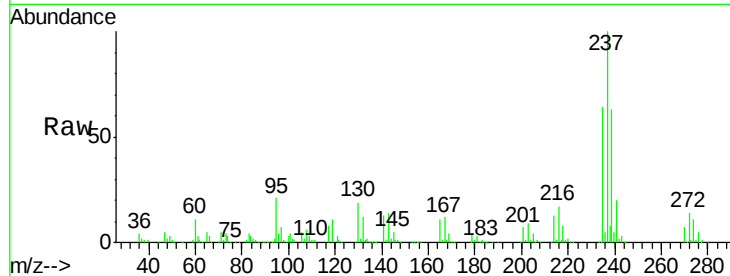
#41
Hexachlorocyclopentadiene
Concen: 81.877 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.3	42.2	82.2
272	13.7	0.0	34.0

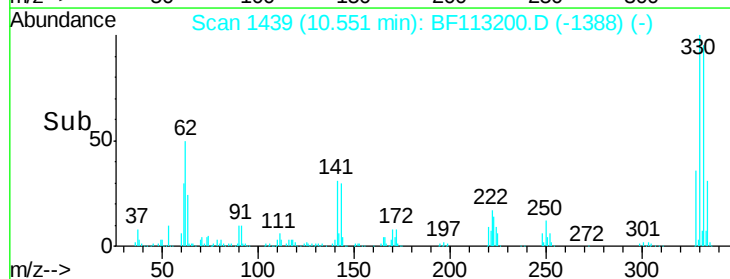
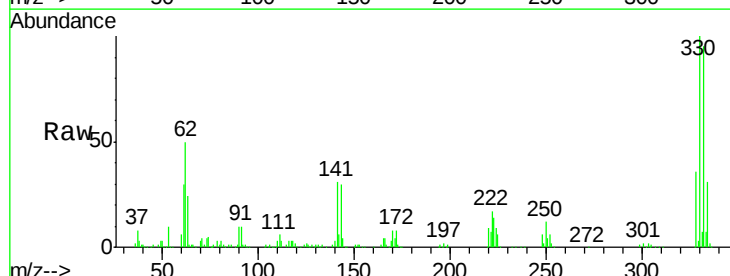
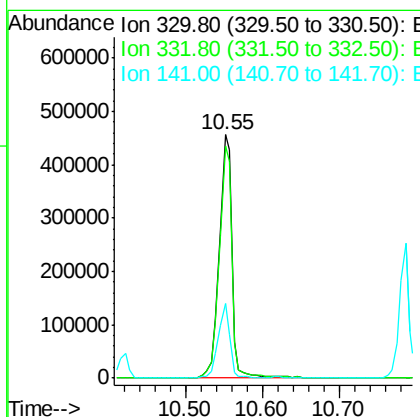
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#42
2,4,6-Tribromophenol
Concen: 136.920 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.0	76.2	114.4
141	28.2	27.0	40.6





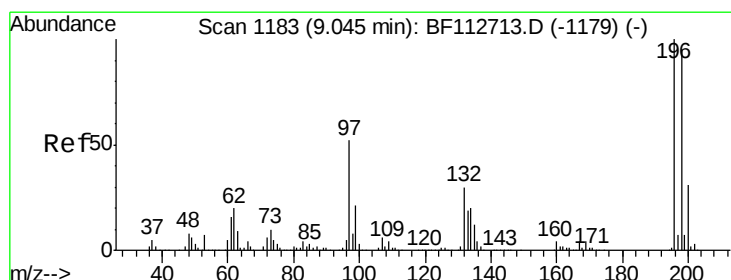
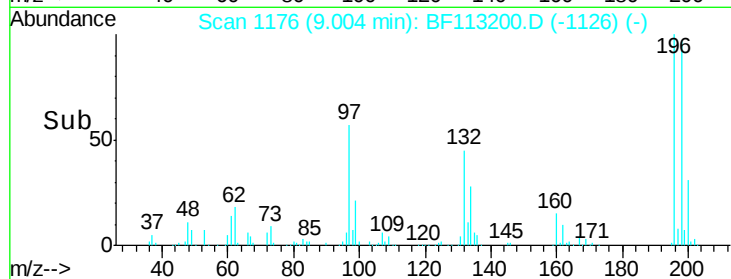
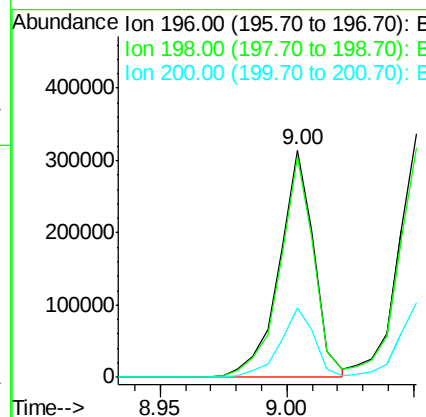
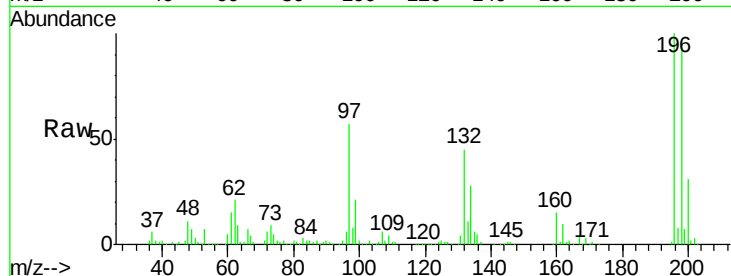
#43
 2,4,6-Trichlorophenol
 Concen: 41.876 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Instrument :
 BNA_F
 ClientSampled :
 PB118085BS

Tgt Ion:	196	Resp:	299936
Ion Ratio	Lower	Upper	
196	100		
198	97.0	75.8	113.8
200	30.5	24.3	36.5

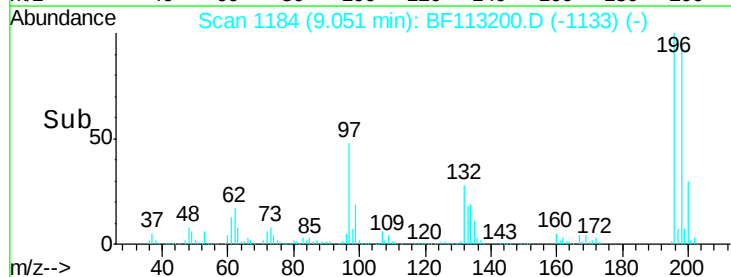
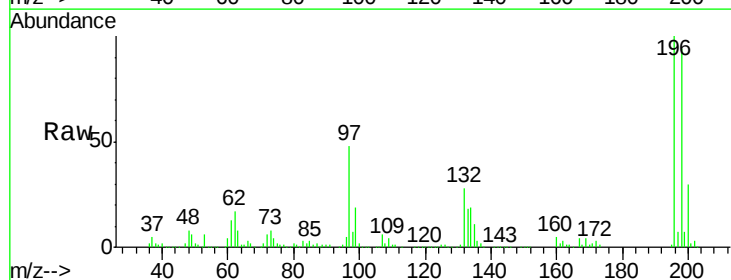
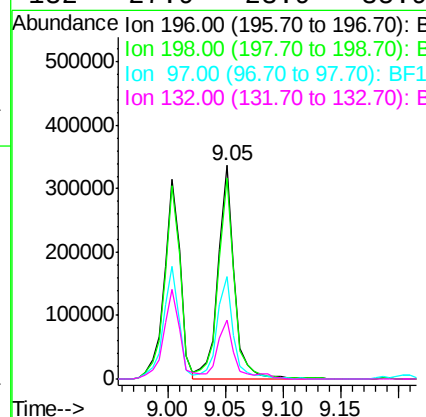
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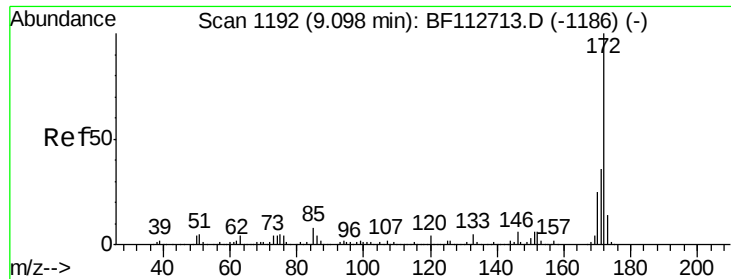
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#44
 2,4,5-Trichlorophenol
 Concen: 42.101 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Tgt Ion:	196	Resp:	325937
Ion Ratio	Lower	Upper	
196	100		
198	94.1	76.2	114.2
97	48.0	41.5	62.3
132	27.9	23.9	35.9





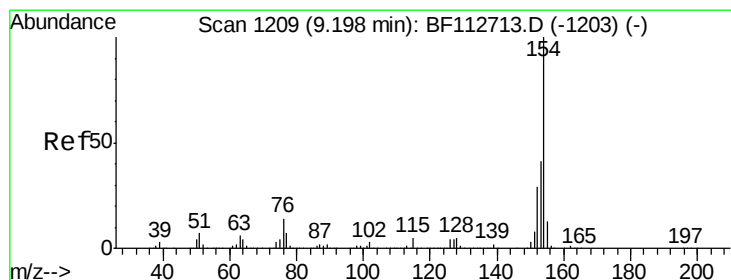
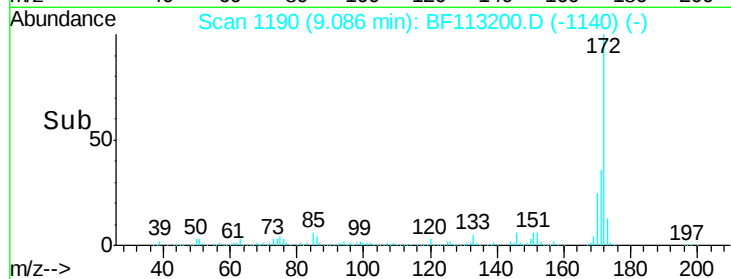
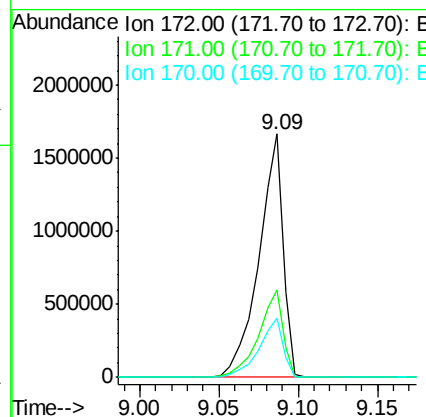
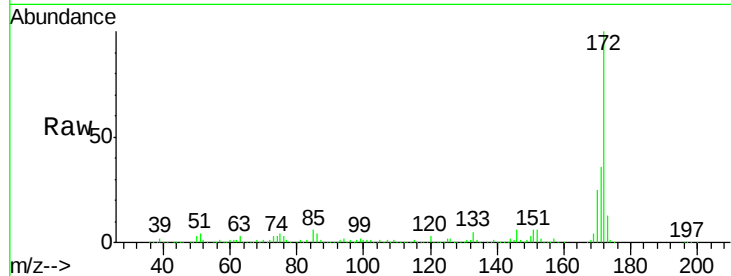
#45
2-Fluorobiphenyl
Concen: 81.652 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

Tgt Ion:172 Resp: 1777230
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 24.6 20.0 30.0

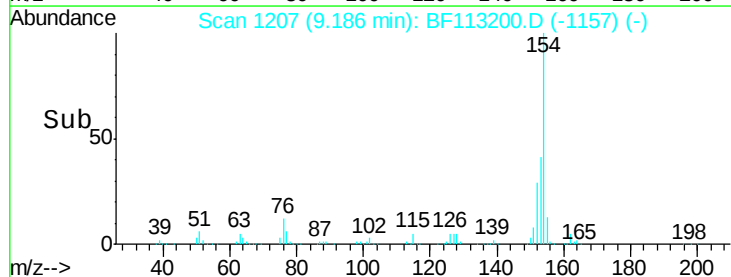
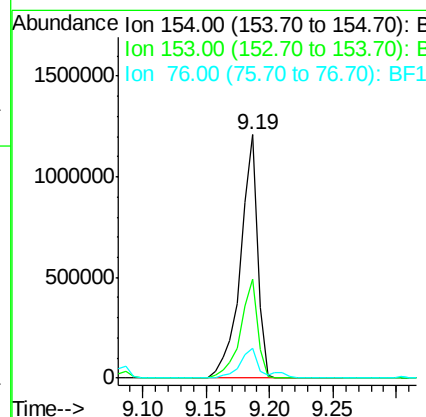
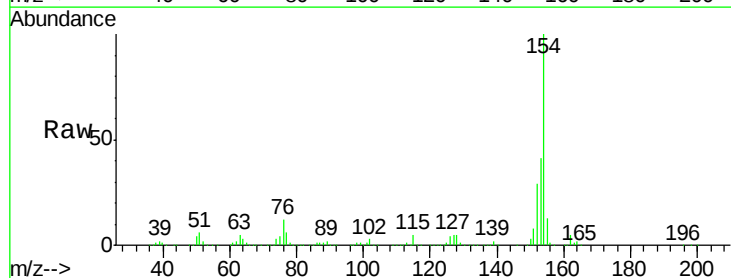
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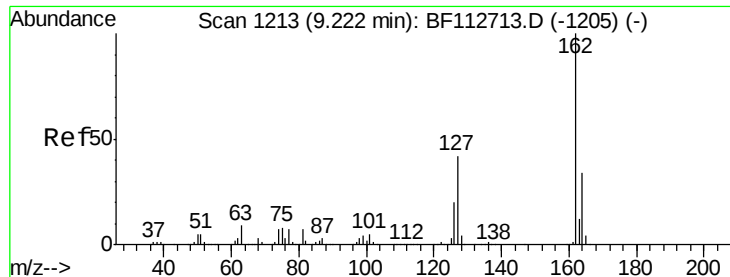
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#46
1,1'-Biphenyl
Concen: 38.264 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion:154 Resp: 1113863
Ion Ratio Lower Upper
154 100
153 40.7 20.8 60.8
76 12.1 0.0 33.8





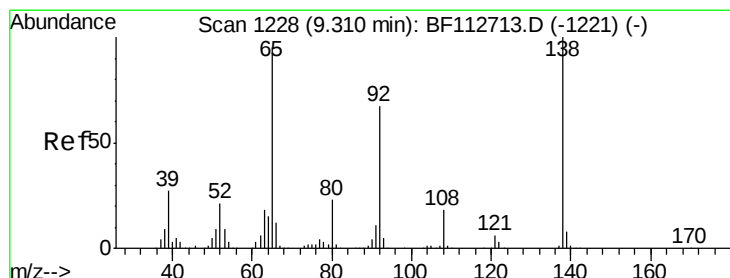
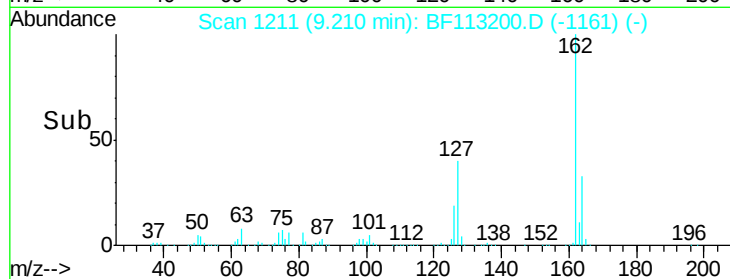
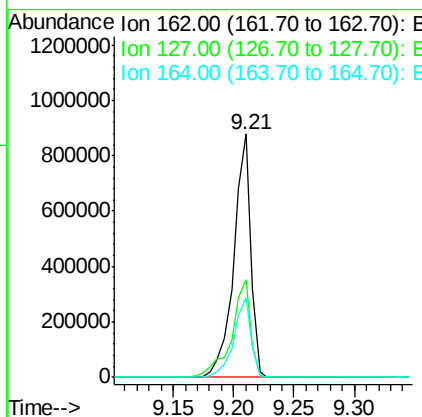
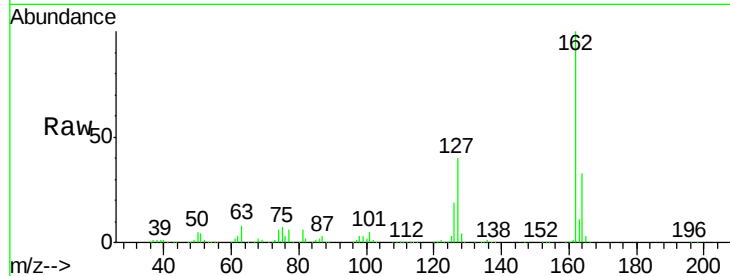
#47
 2-Chloronaphthalene
 Concen: 38.098 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB118085BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	865959		
127	40.0	33.4	50.2	
164	32.8	26.9	40.3	

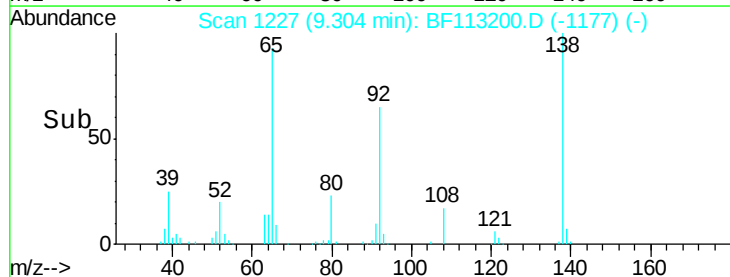
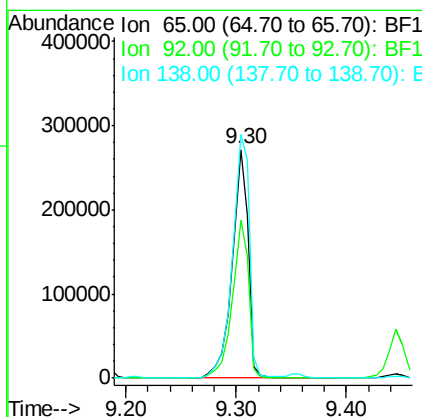
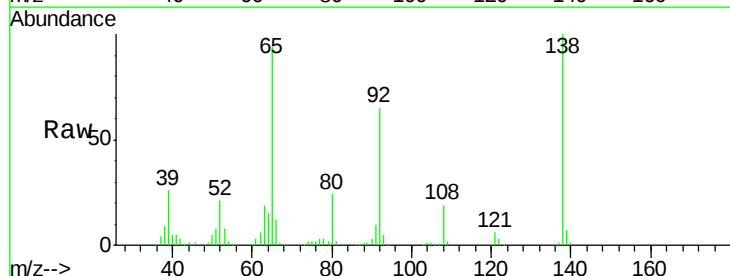
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#48
 2-Nitroaniline
 Concen: 40.055 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	276731		
92	69.1	56.4	84.6	
138	106.7	84.6	126.8	





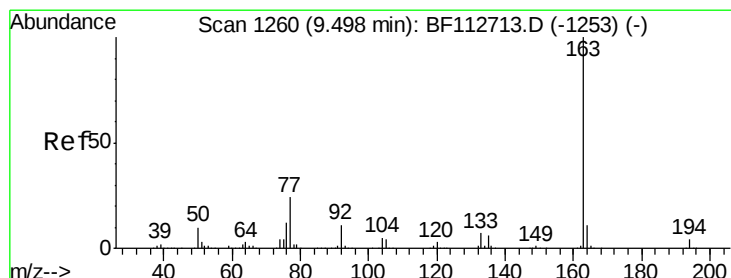
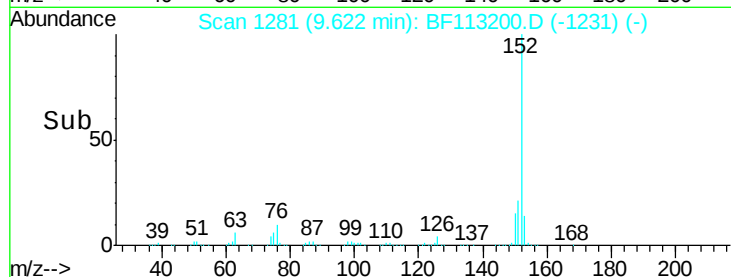
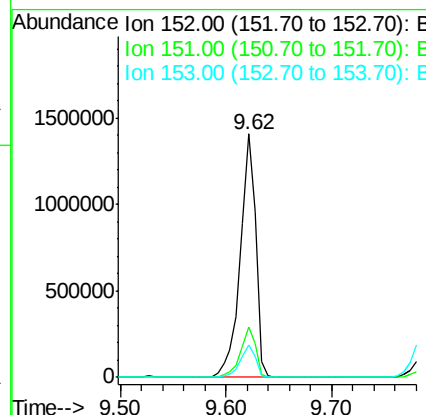
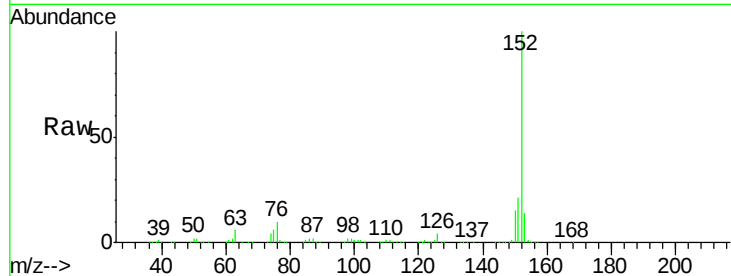
#49
Acenaphthylene
Concen: 36.440 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

Tgt Ion:152 Resp: 1406123
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 13.5 11.0 16.6

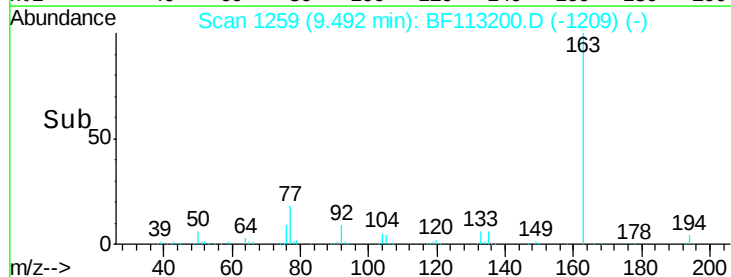
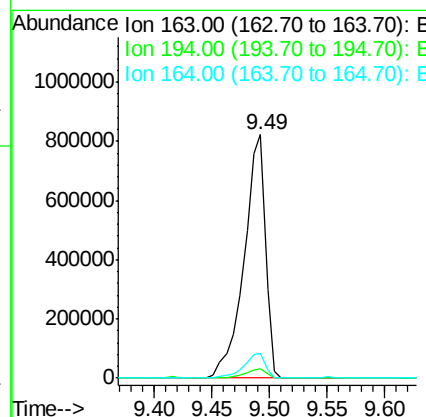
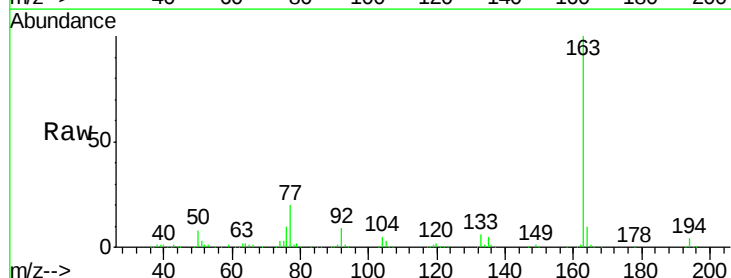
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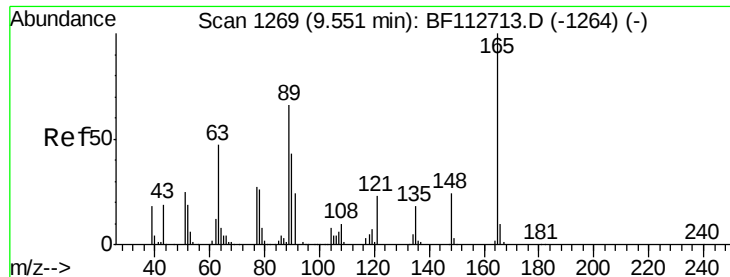
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#50
Dimethylphthalate
Concen: 40.079 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion:163 Resp: 1054693
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 10.2 8.4 12.6





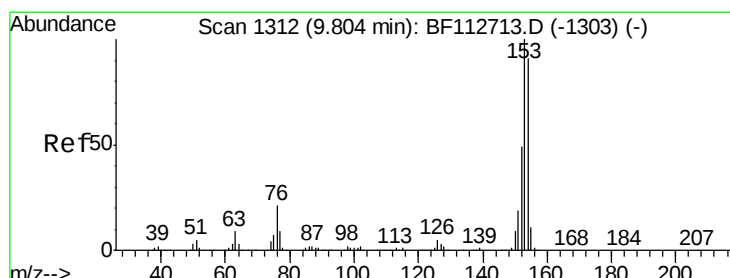
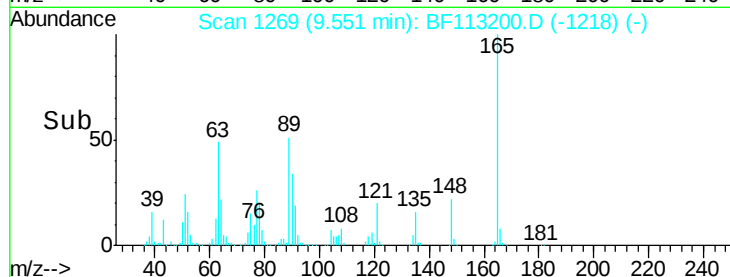
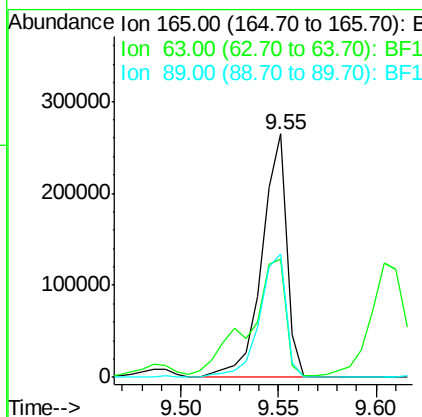
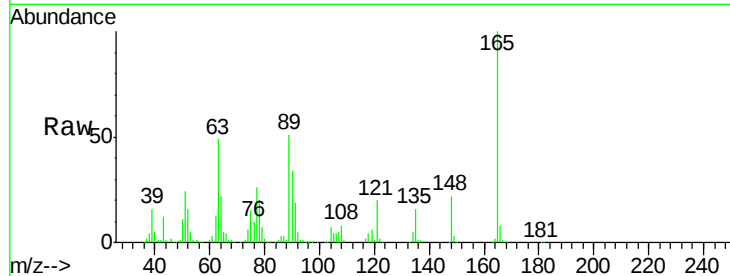
#51
 2,6-Dinitrotoluene
 Concen: 42.569 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB118085BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	48.8	54.1	81.1#
89	50.6	52.8	79.2#

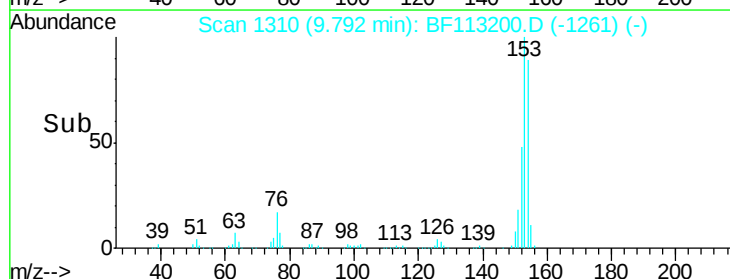
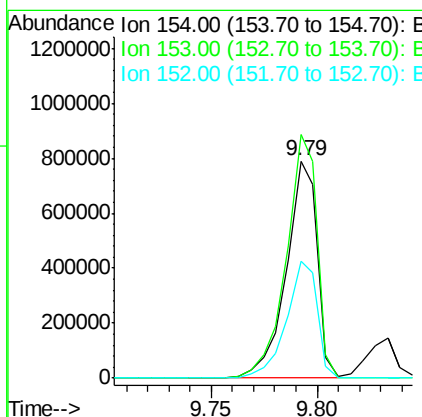
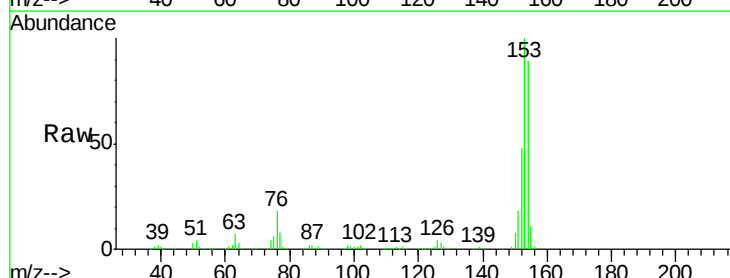
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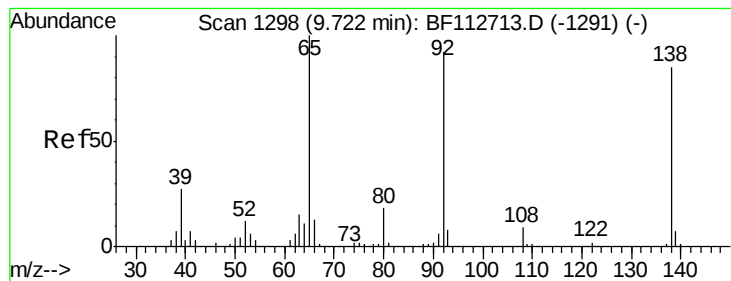
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#52
 Acenaphthene
 Concen: 35.793 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	112.0	87.8	131.8
152	53.7	43.0	64.6





#53

3-Nitroaniline

Concen: 27.836 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

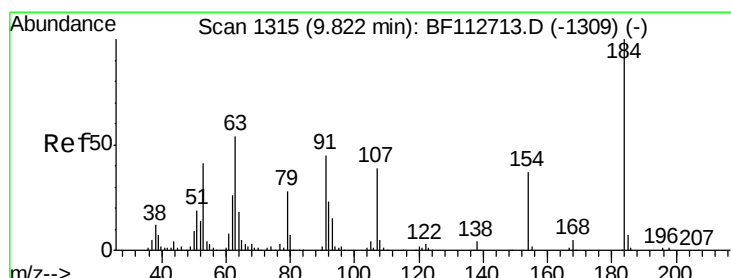
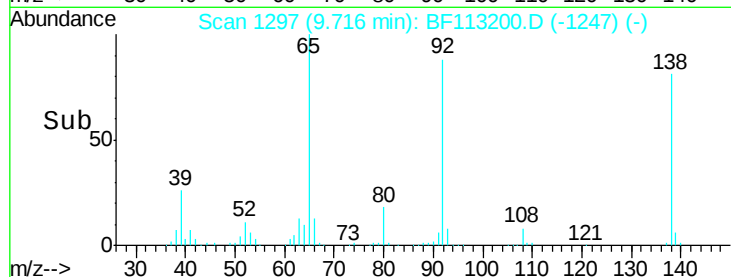
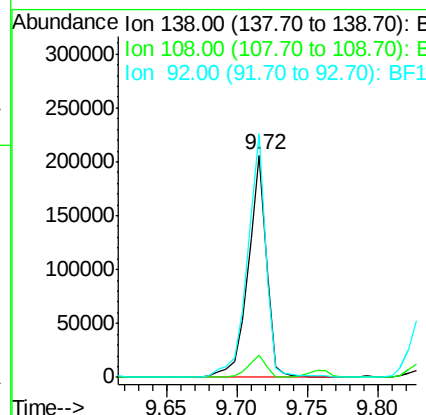
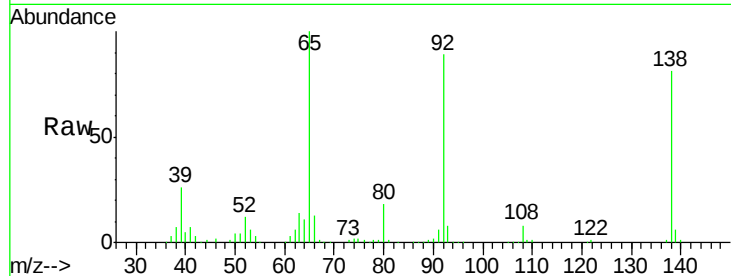
ClientSampleId :

PB118085BS

Tgt Ion:	138	Resp:	185869
Ion Ratio	Lower	Upper	
138	100		
108	10.1	8.6	13.0
92	109.5	86.6	129.8

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#54

2,4-Dinitrophenol

Concen: 107.989 ng

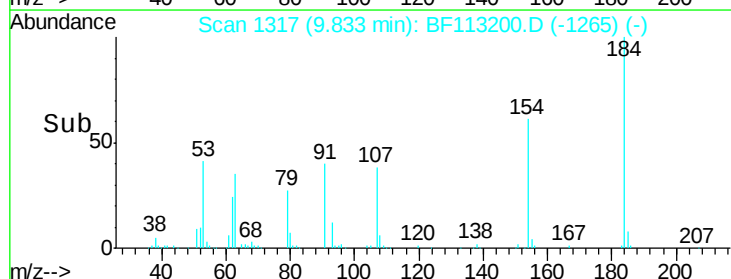
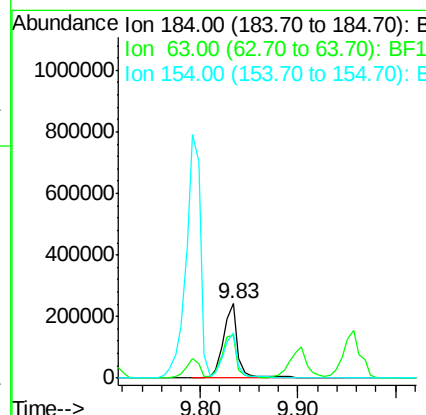
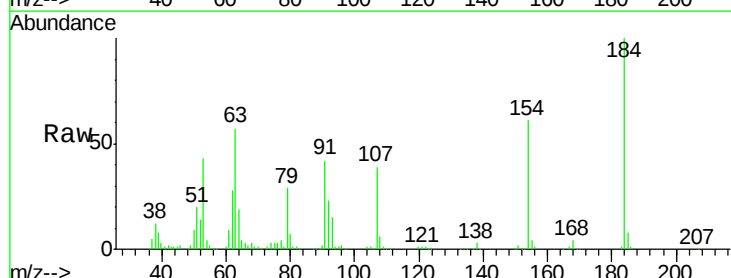
RT: 9.83 min Scan# 1317

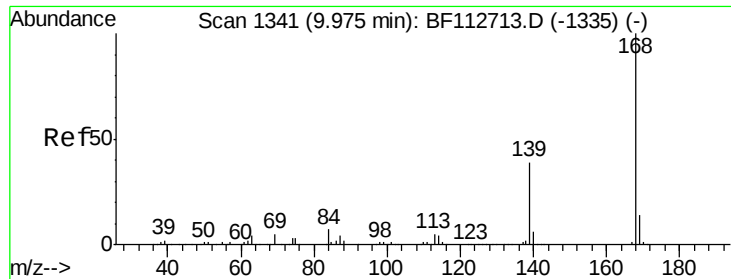
Delta R.T. 0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Tgt Ion:	184	Resp:	247563
Ion Ratio	Lower	Upper	
184	100		
63	57.1	45.3	67.9
154	60.7	46.0	69.0





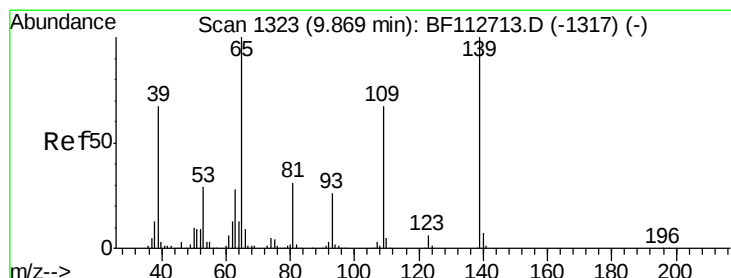
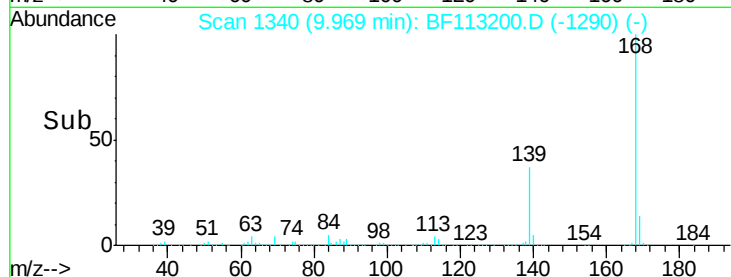
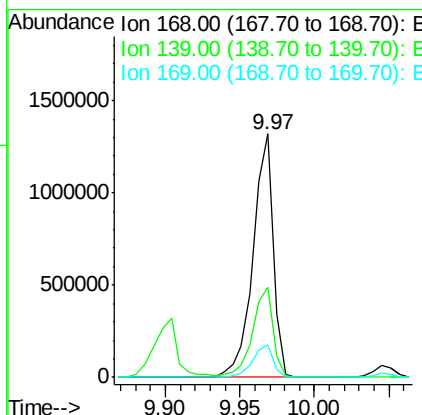
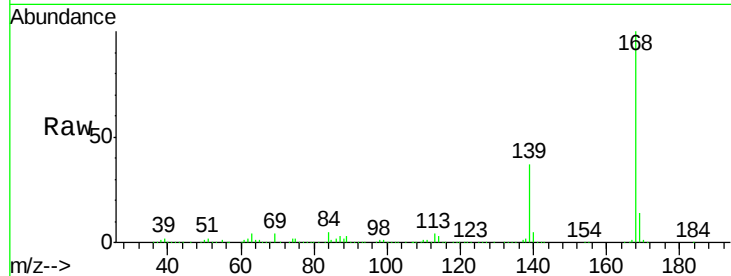
#55
Dibenzenofuran
Concen: 37.424 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

Tgt Ion:168 Resp: 1227382
Ion Ratio Lower Upper
168 100
139 36.7 31.3 46.9
169 13.5 11.3 16.9

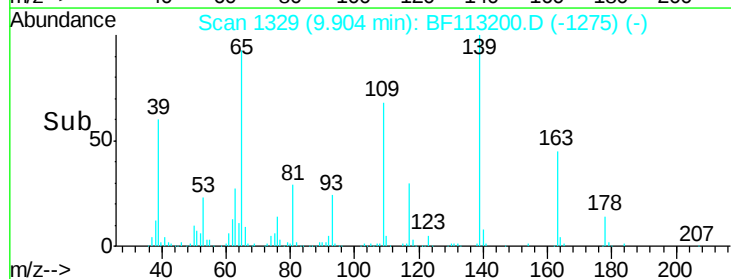
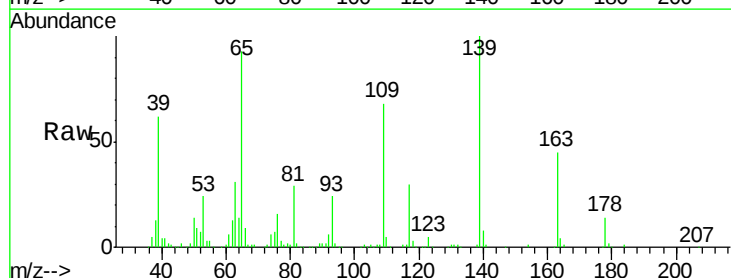
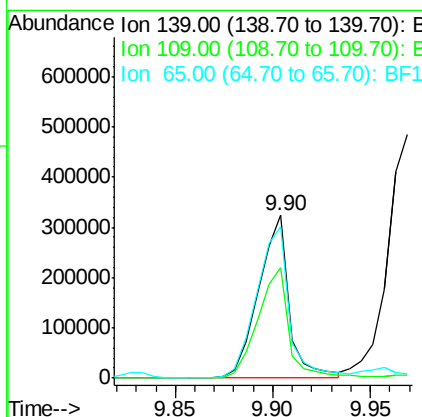
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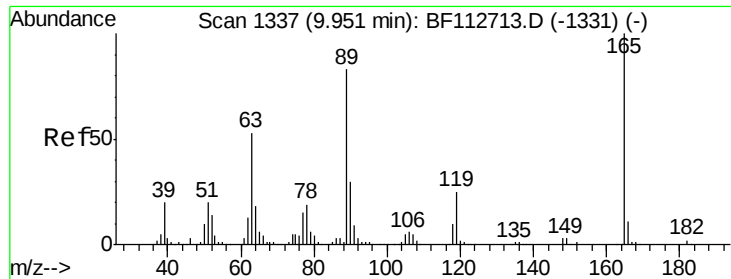
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#56
4-Nitrophenol
Concen: 64.592 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.02 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion:139 Resp: 350523
Ion Ratio Lower Upper
139 100
109 67.9 46.8 86.8
65 93.1 80.7 120.7





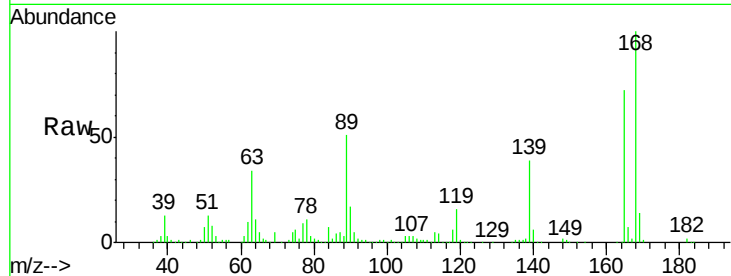
#57
2,4-Dinitrotoluene
Concen: 44.549 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

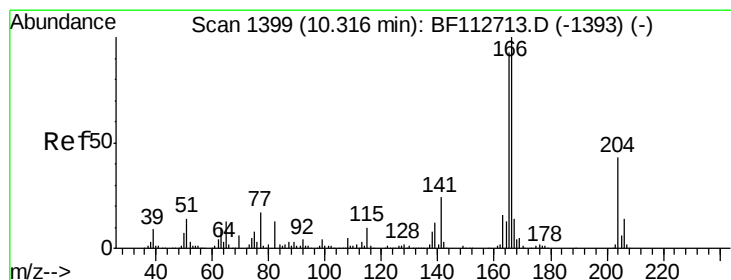
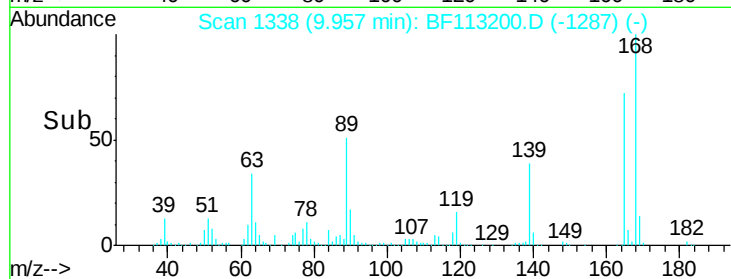
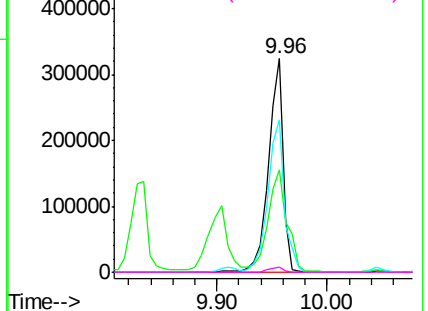
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	303451		
63	47.8	42.2	63.2	
89	71.6	66.2	99.4	
182	2.6	1.8	2.6	

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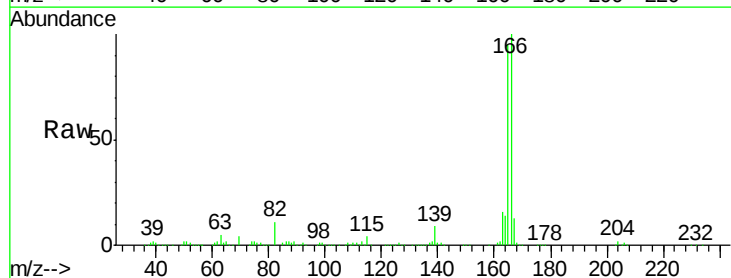


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

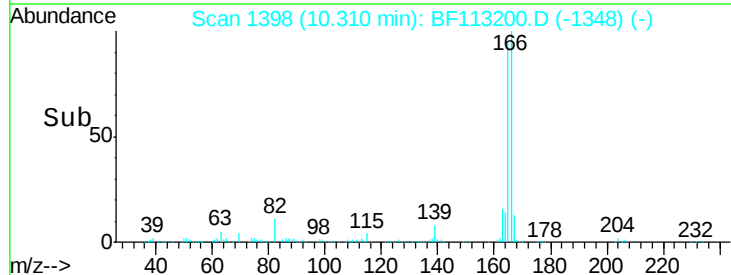
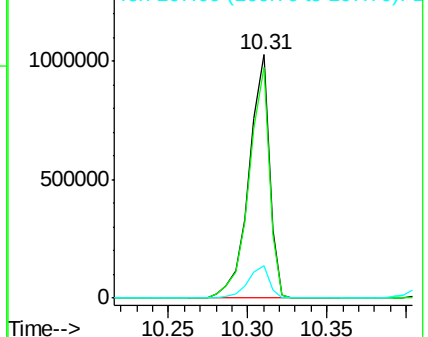


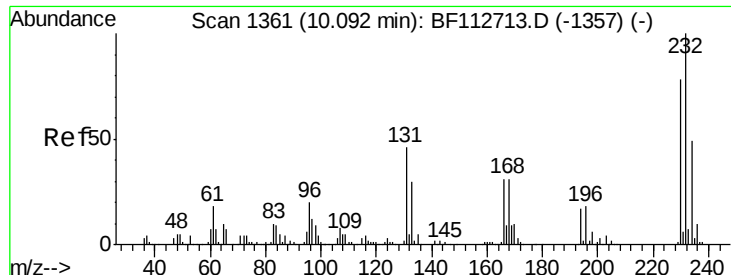
#58
Fluorene
Concen: 39.685 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	923761		
165	94.6	74.7	112.1	
167	13.5	11.0	16.6	



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





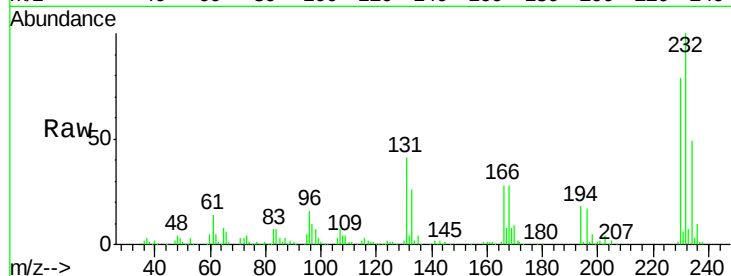
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.171 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

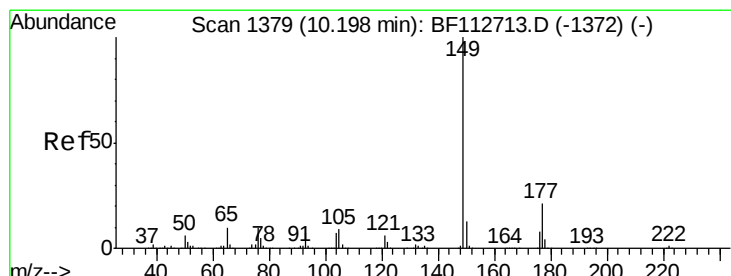
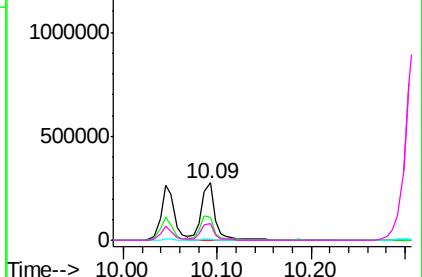
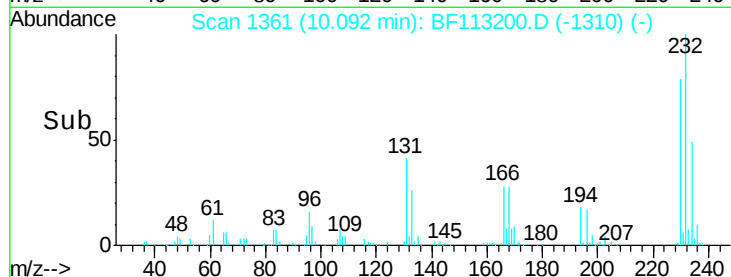
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	284906		
131	44.3	38.7	58.1	
130	2.1	1.9	2.9	
166	28.5	25.2	37.8	

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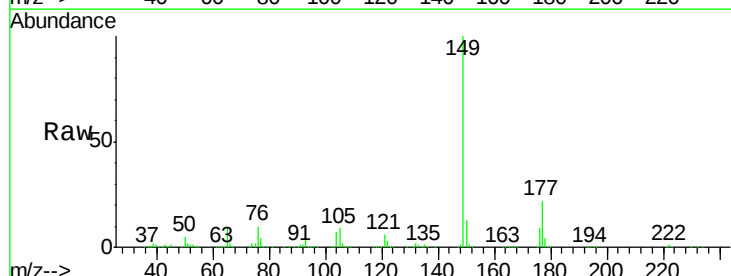


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

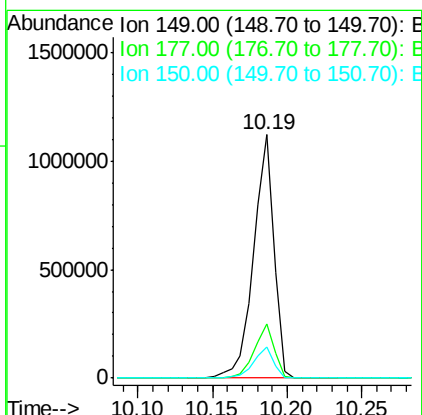
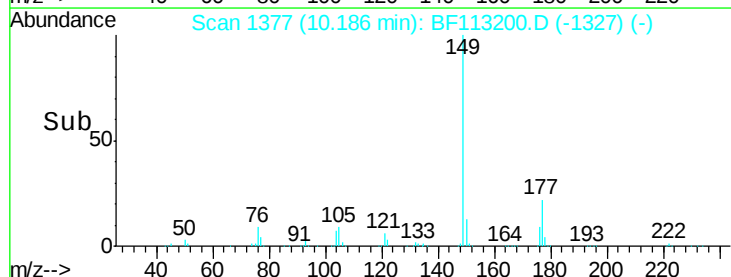


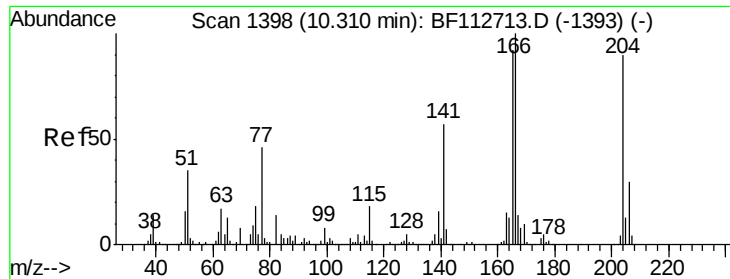
#60
Diethylphthalate
Concen: 37.611 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1045325		
177	22.1	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





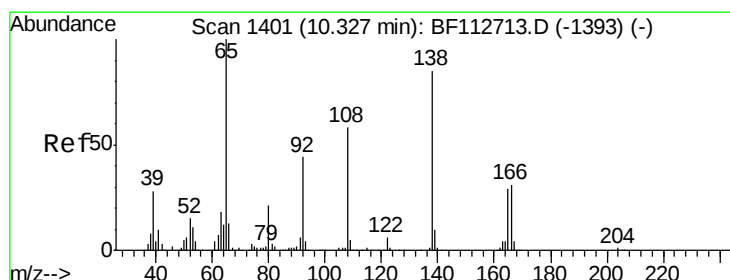
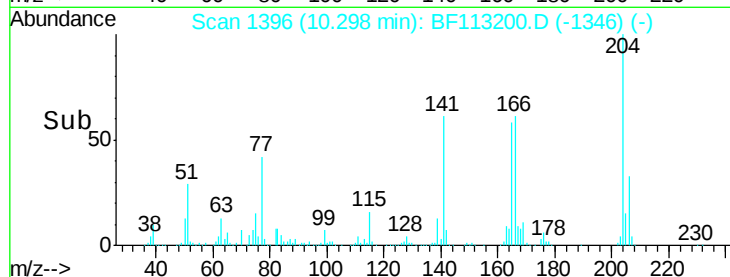
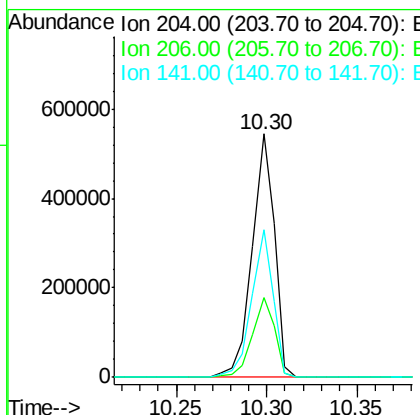
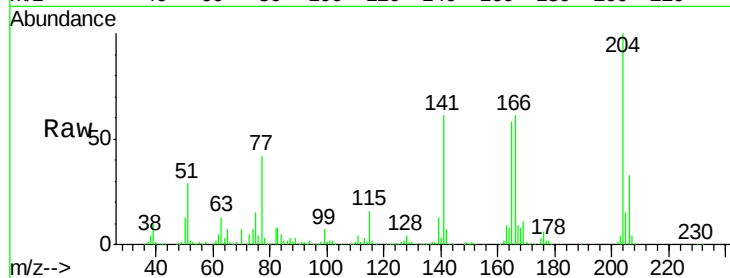
#61
 4-Chlorophenyl-phenylether
 Concen: 43.036 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB118085BS

Tgt Ion:	204	Resp:	466091
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.6	40.0
141	60.7	50.8	76.2

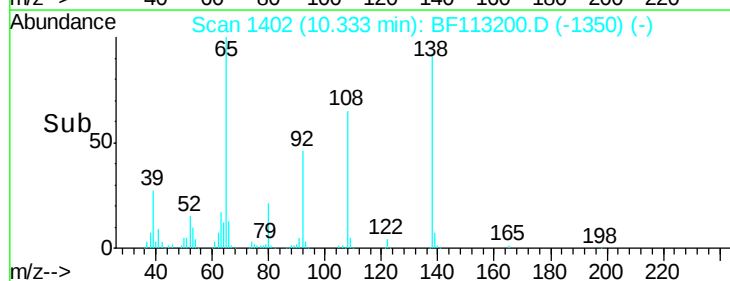
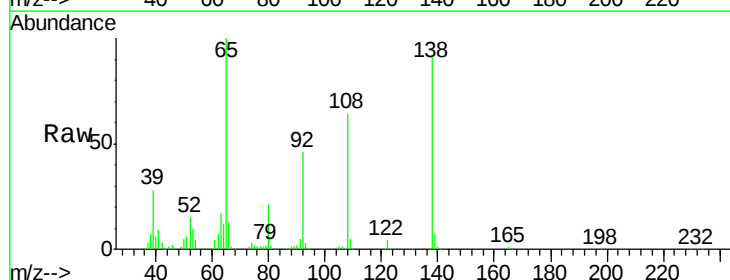
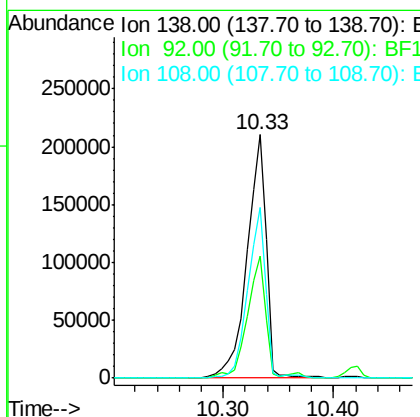
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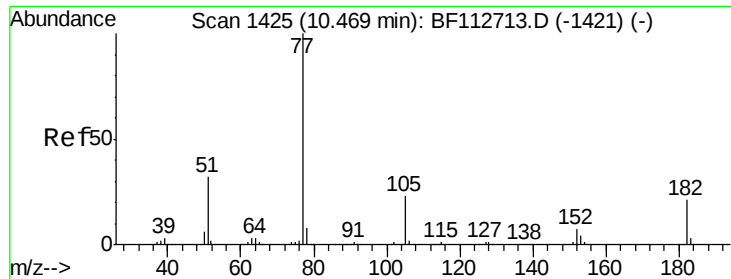
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#62
 4-Nitroaniline
 Concen: 41.766 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Tgt Ion:	138	Resp:	257700
Ion Ratio	Lower	Upper	
138	100		
92	49.9	31.3	71.3
108	70.3	48.1	88.1





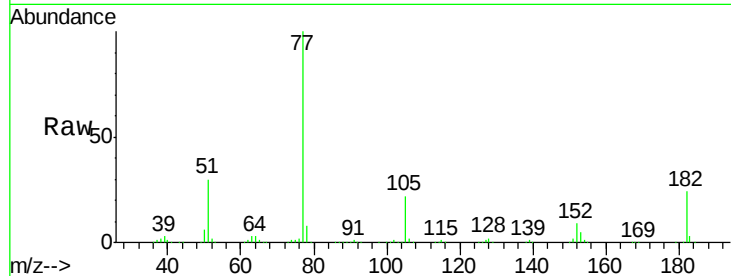
#63
Azobenzene
Concen: 33.475 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

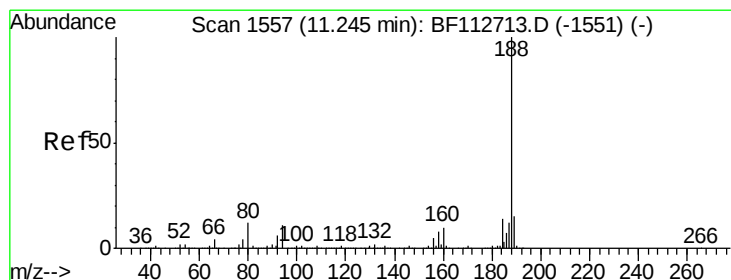
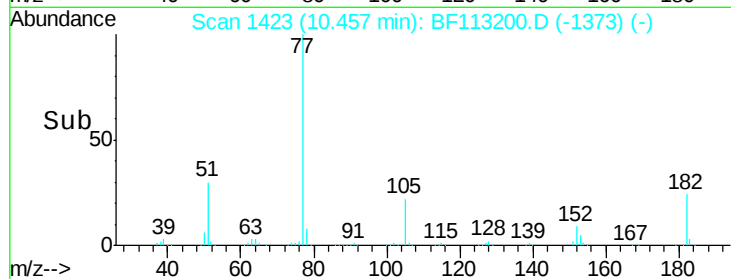
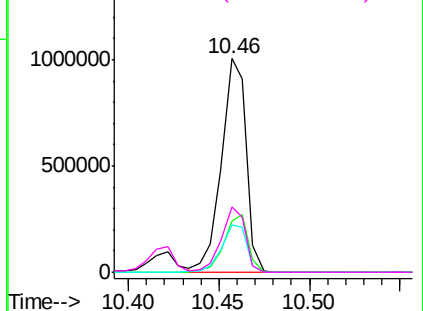
Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.8	1.4	41.4
105	22.4	2.6	42.6
51	30.5	12.0	52.0

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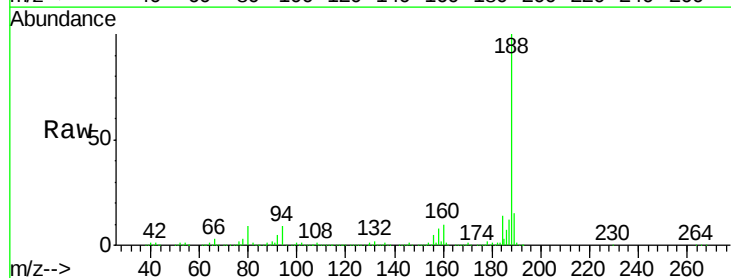


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

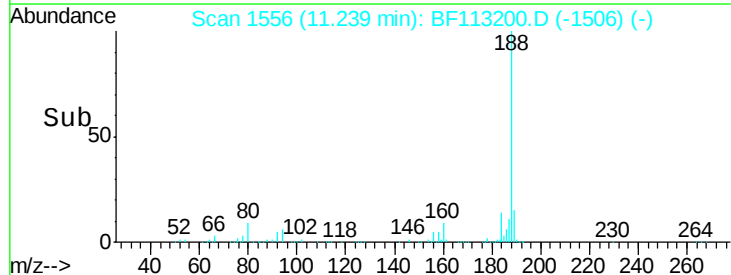
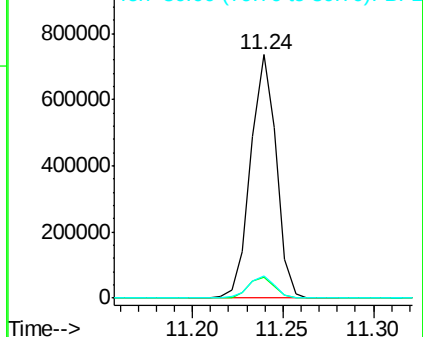


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.0	13.4#
80	9.3	9.2	13.8



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





#65

4,6-Dinitro-2-methylphenol

Concen: 51.010 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

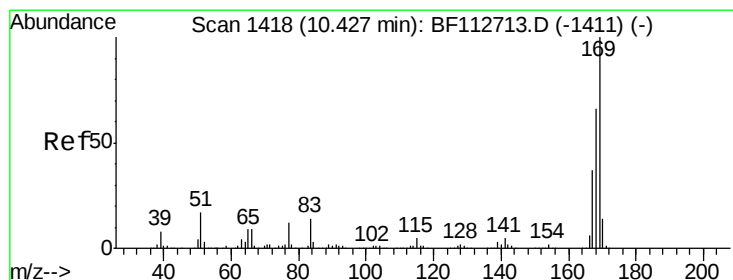
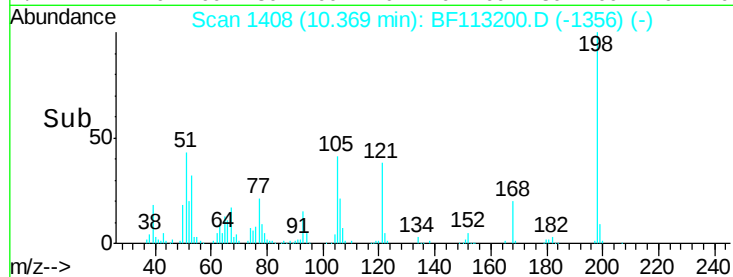
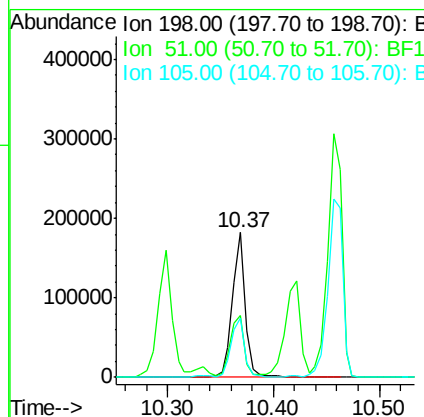
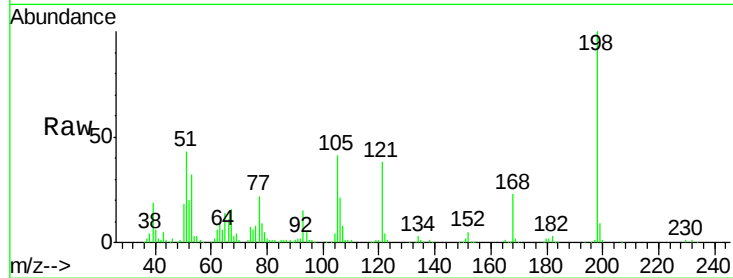
ClientSampleId :

PB118085BS

Tgt Ion:	198	Resp:	152903
Ion Ratio	Lower	Upper	
198	100		
51	42.6	43.8	83.8#
105	41.1	36.5	76.5

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#66

n-Nitrosodiphenylamine

Concen: 36.883 ng

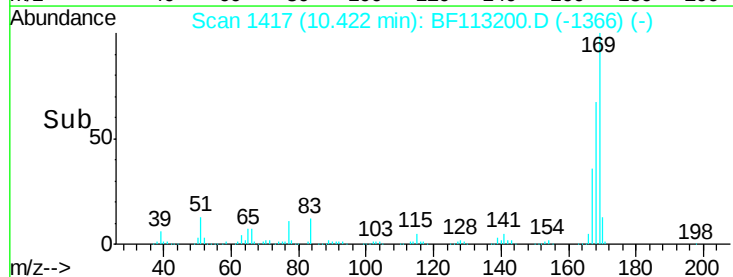
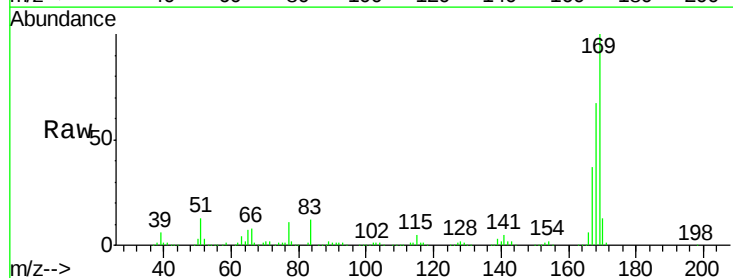
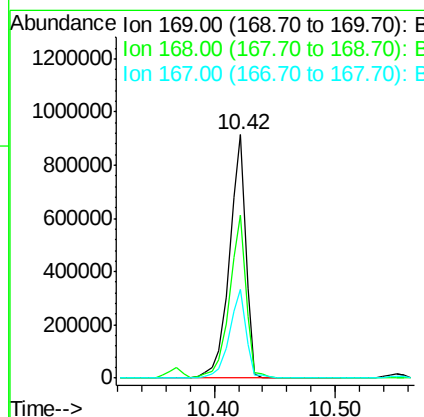
RT: 10.42 min Scan# 1417

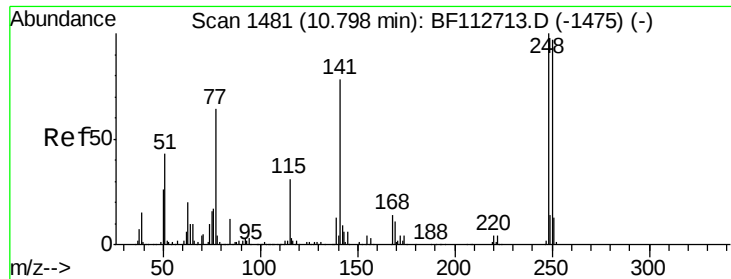
Delta R.T. -0.00 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Tgt Ion:	169	Resp:	857558
Ion Ratio	Lower	Upper	
169	100		
168	67.2	53.0	79.6
167	36.6	29.3	43.9





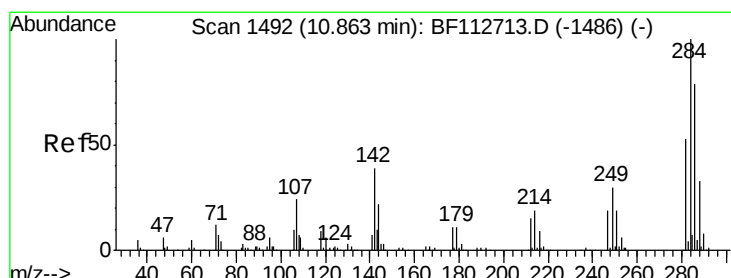
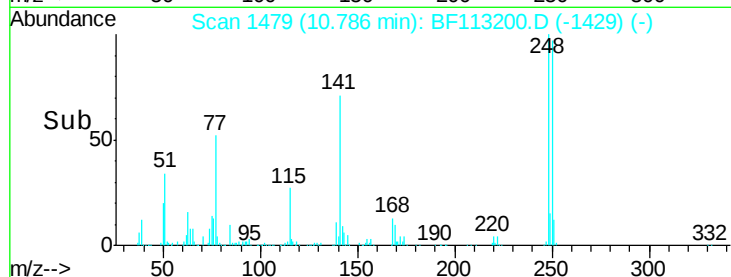
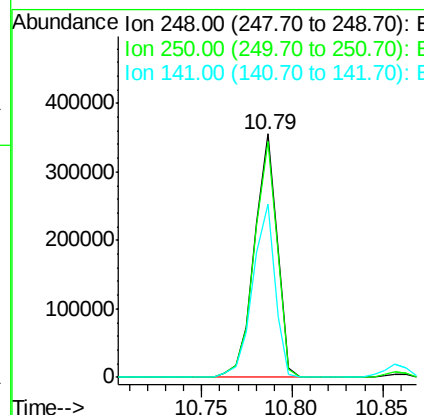
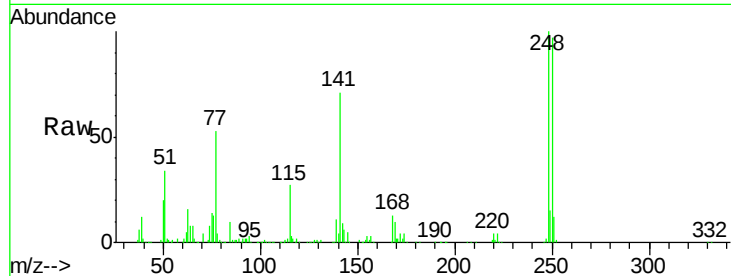
#67
 4-Bromophenyl-phenylether
 Concen: 40.562 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB118085BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	309738		
250	97.0	77.5	116.3	
141	71.4	62.4	93.6	

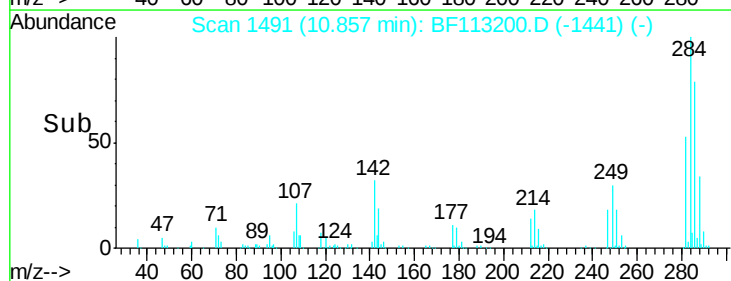
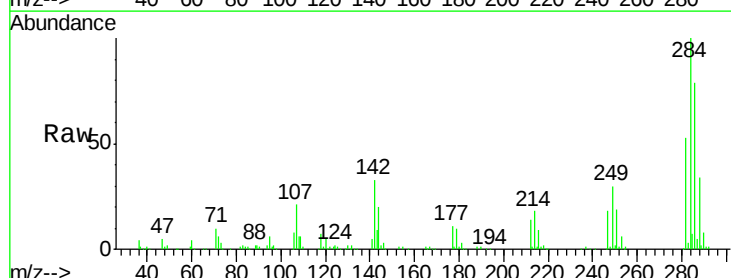
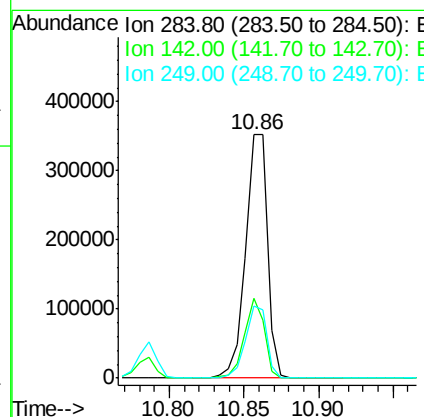
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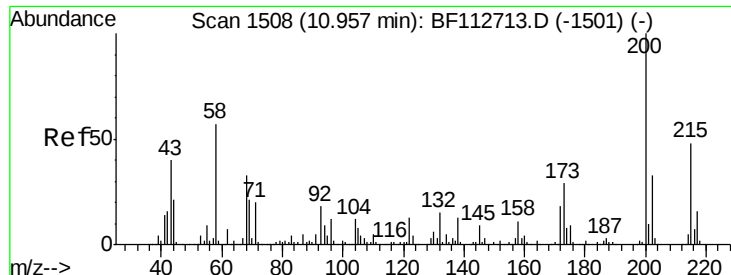
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#68
 Hexachlorobenzene
 Concen: 41.838 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	360139		
142	32.6	31.0	46.6	
249	29.7	23.6	35.4	





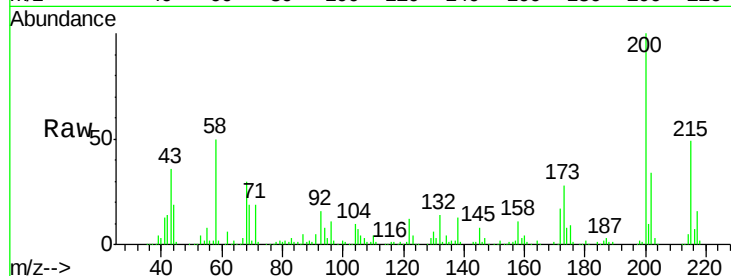
#69
Atrazine
Concen: 37.353 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

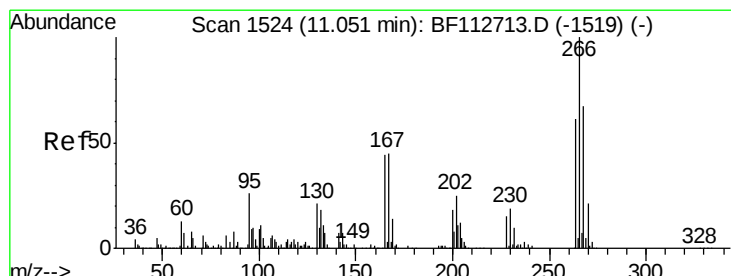
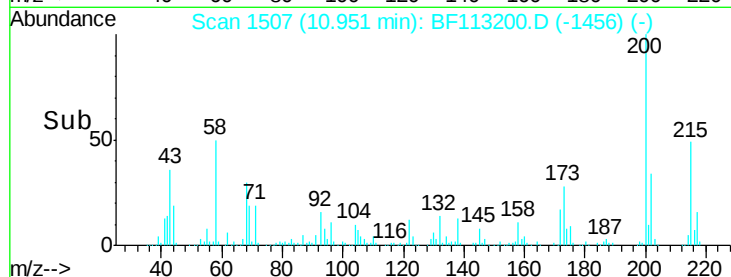
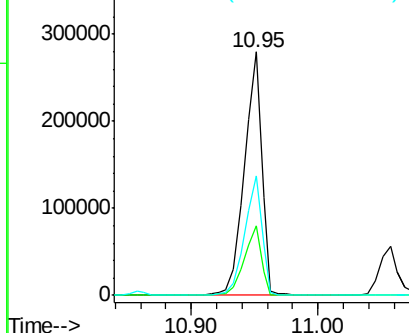
Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.4	9.1	49.1
215	49.1	28.2	68.2

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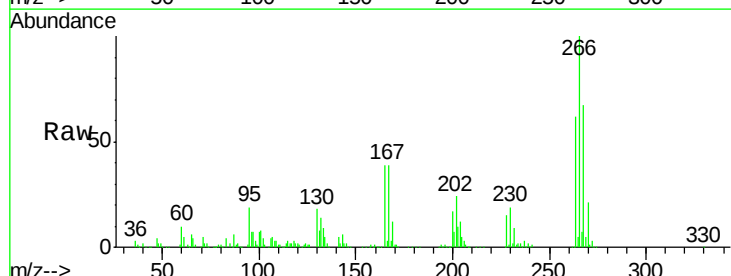


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

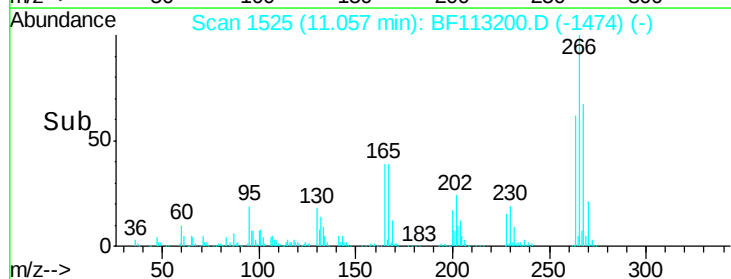
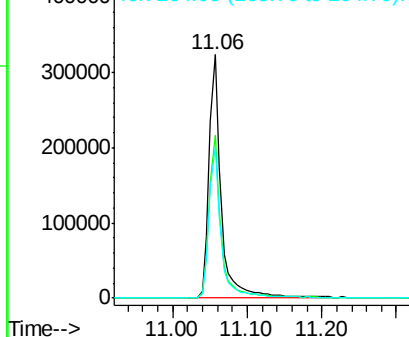


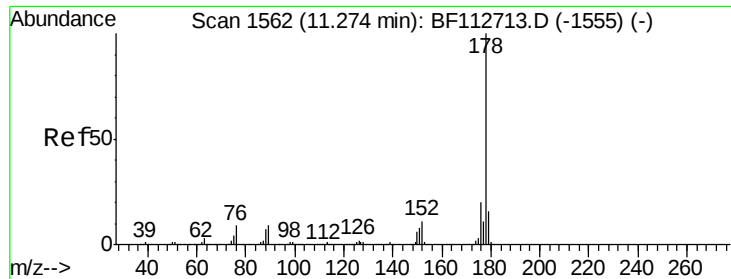
#70
Pentachlorophenol
Concen: 73.678 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.0	53.3	79.9
264	62.0	48.9	73.3



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





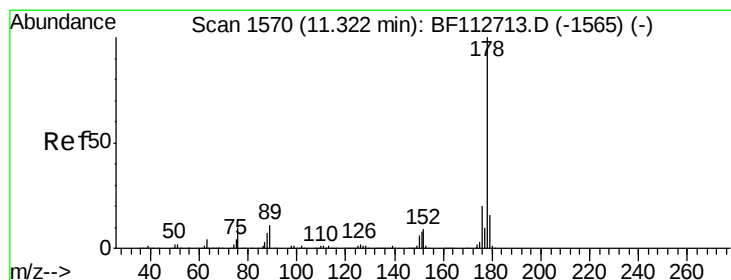
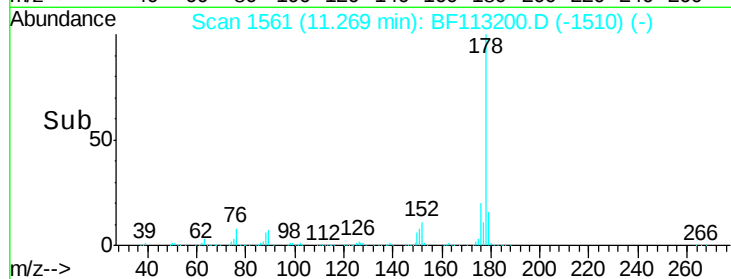
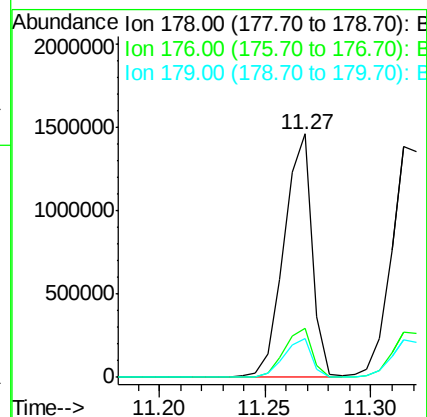
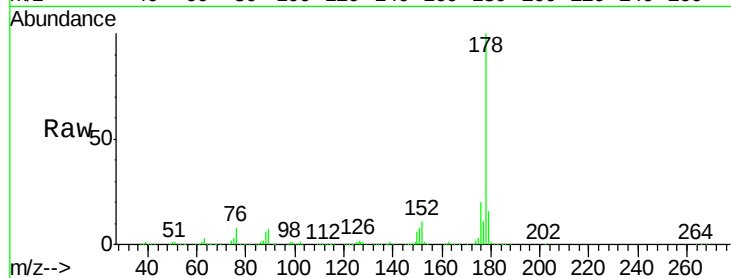
#71
Phenanthrene
Concen: 37.762 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

Tgt Ion:178 Resp: 1362107
Ion Ratio Lower Upper
178 100
176 20.2 16.3 24.5
179 15.8 12.7 19.1

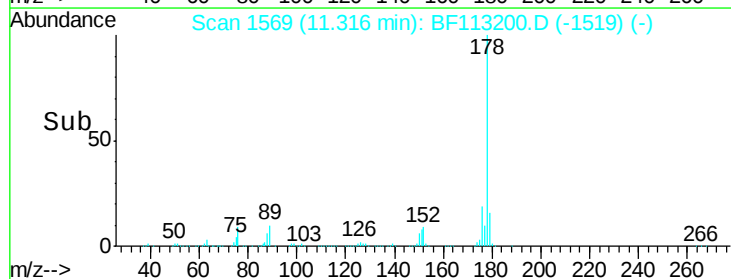
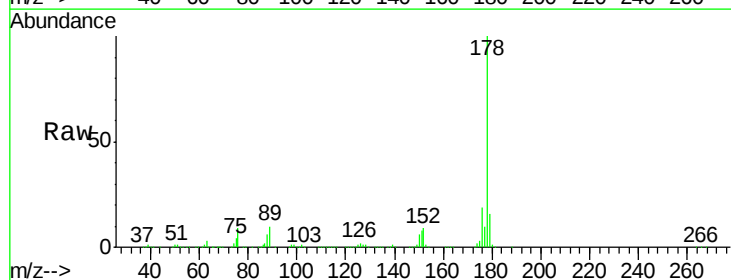
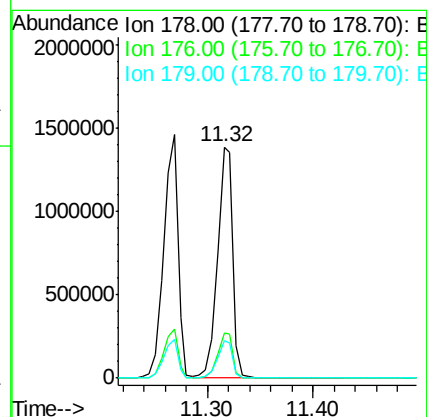
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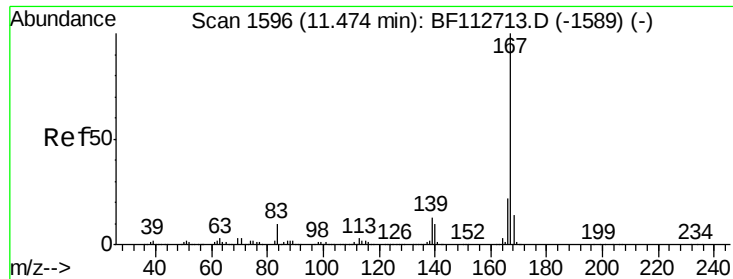
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#72
Anthracene
Concen: 37.754 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion:178 Resp: 1425532
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 16.2 13.0 19.6





#73

Carbazole

Concen: 35.983 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

PB118085BS

Tgt Ion:167 Resp: 1325391

Ion Ratio Lower Upper

167 100

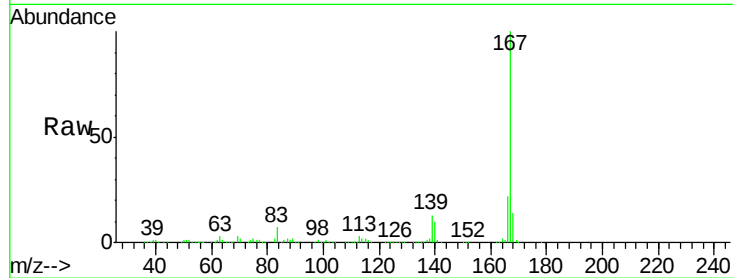
166 21.9 17.5 26.3

139 13.1 10.8 16.2

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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.47

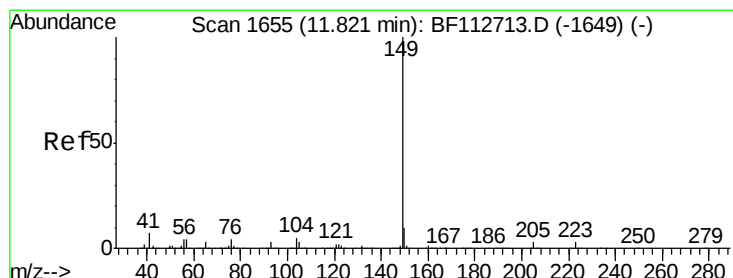
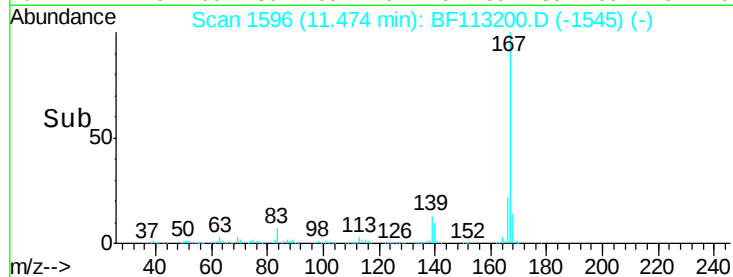
1500000

1000000

500000

0

Time-->



#74

Di-n-butylphthalate

Concen: 37.583 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

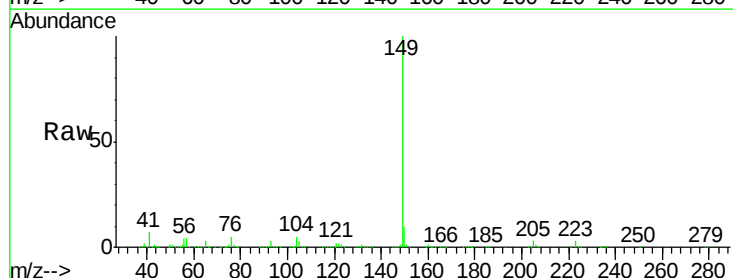
Tgt Ion:149 Resp: 1659863

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

104 4.8 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.80

2500000

2000000

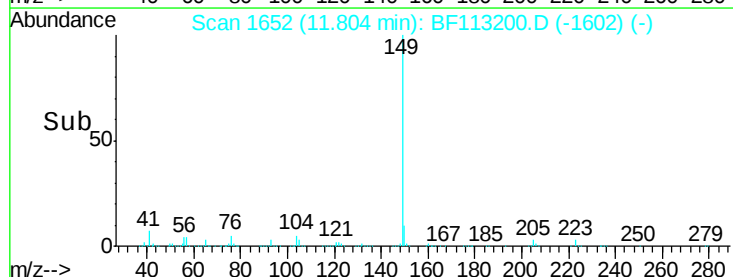
1500000

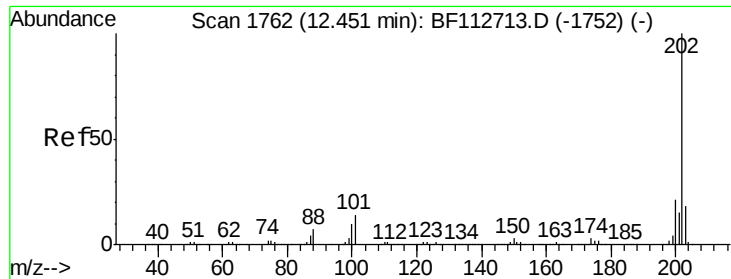
1000000

500000

0

Time-->





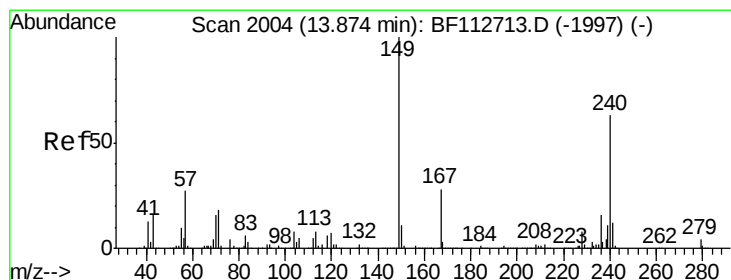
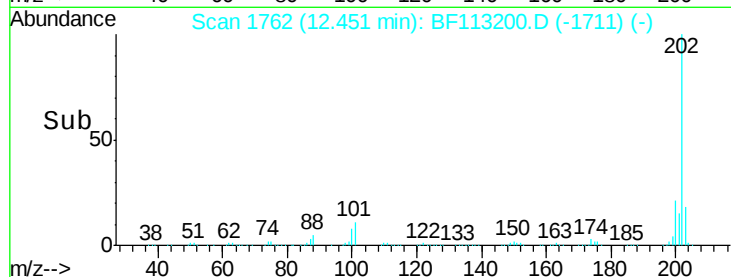
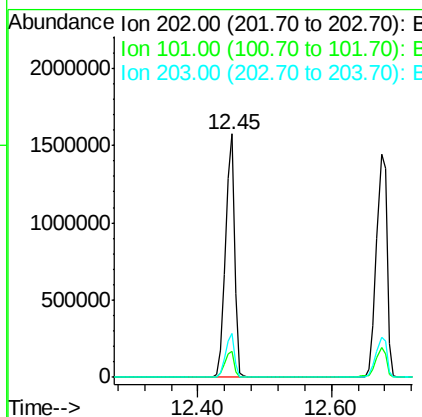
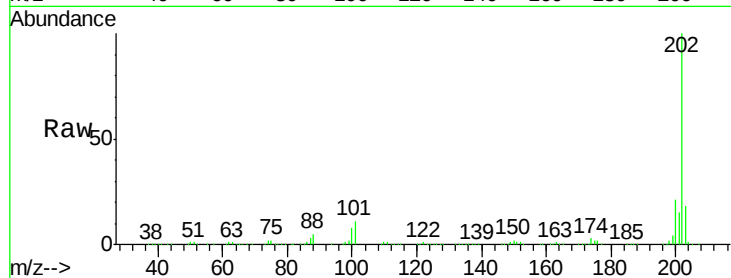
#75
 Fluoranthene
 Concen: 39.558 ng
 RT: 12.45 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB118085BS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	33.8
203	17.9	0.0	38.4

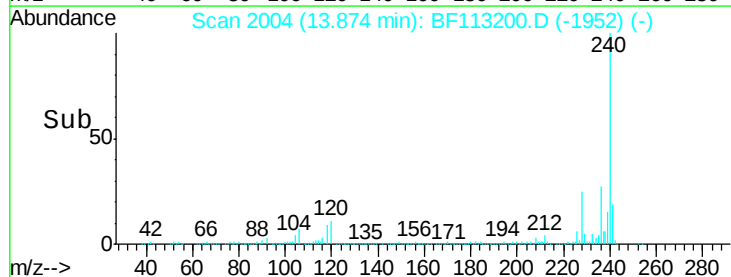
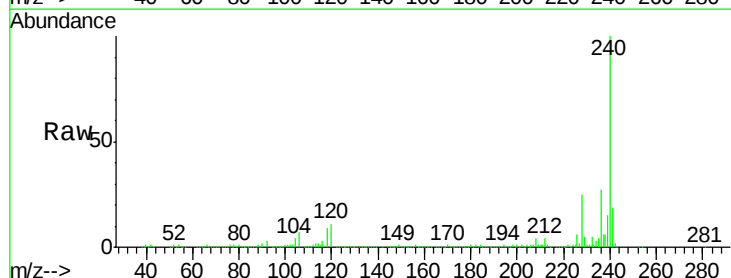
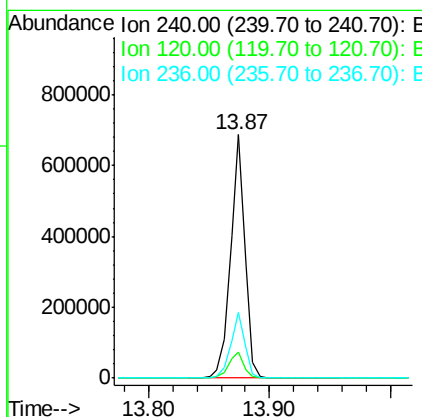
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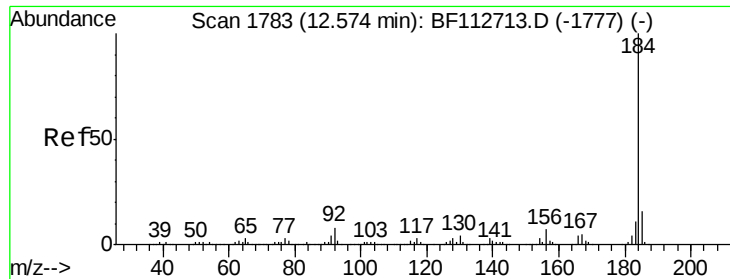
Sohil
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.9	13.3
236	26.8	20.7	31.1





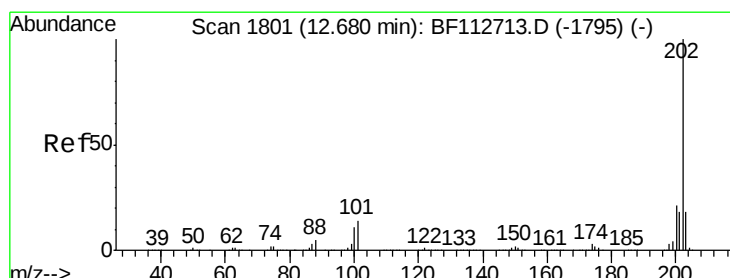
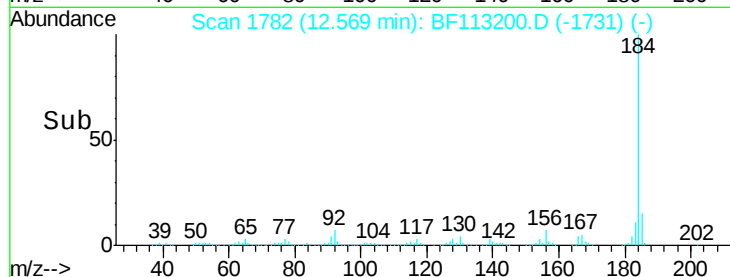
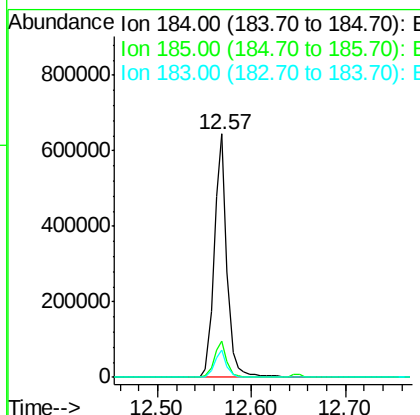
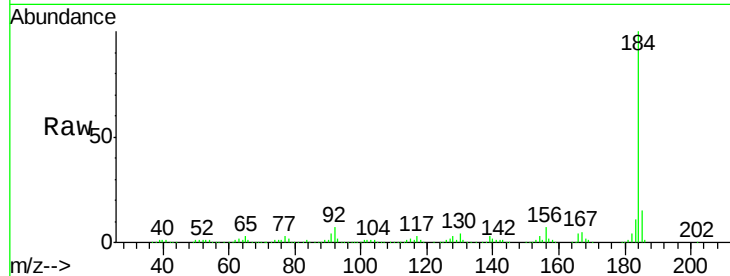
#77
Benzidine
Concen: 21.036 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	618293		
185	15.1	12.6	18.8	
183	11.0	8.6	12.8	

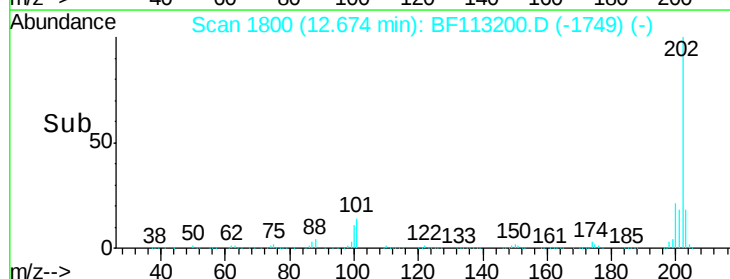
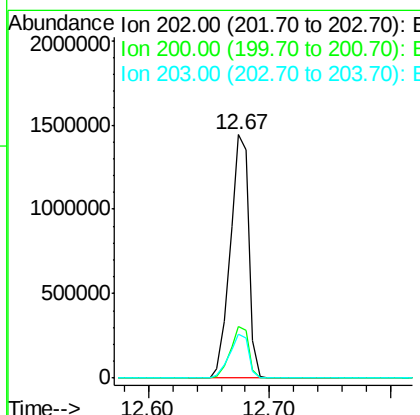
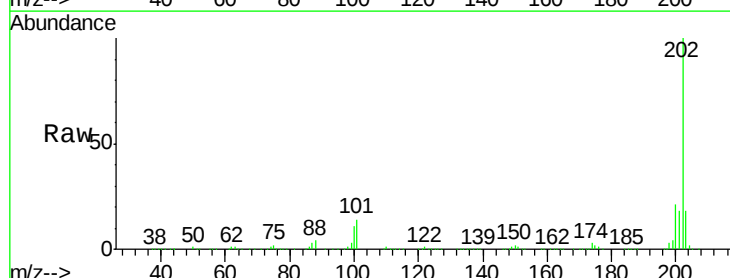
Manual Integrations
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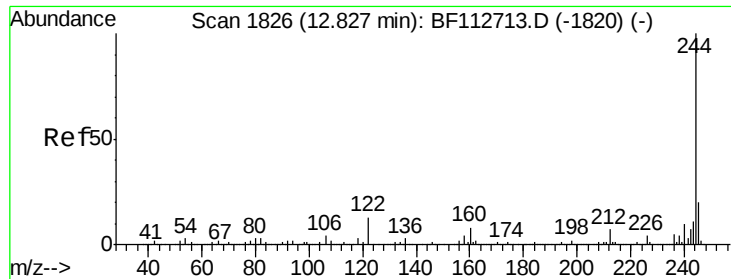
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#78
Pyrene
Concen: 32.195 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1537595		
200	21.1	17.0	25.4	
203	18.3	14.4	21.6	





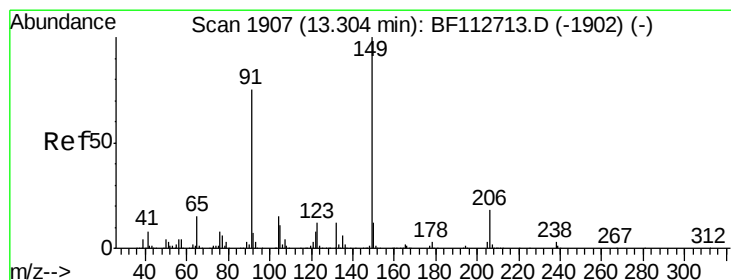
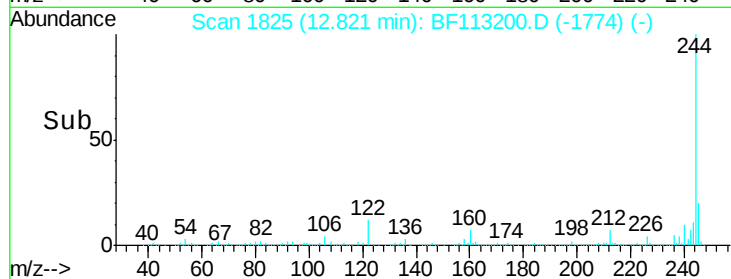
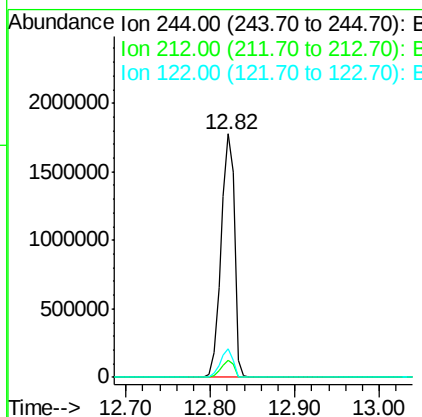
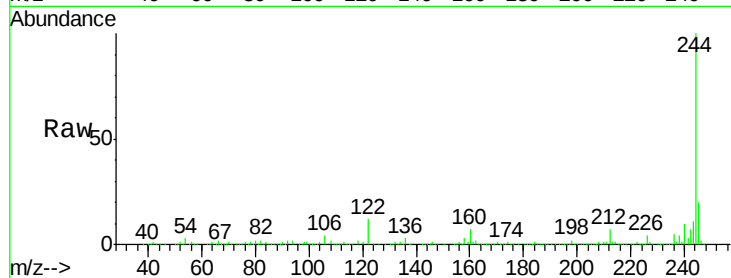
#79
 Terphenyl-d14
 Concen: 67.884 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB118085BS

Tgt Ion: 244 Resp: 1983898
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.9 10.5 15.7

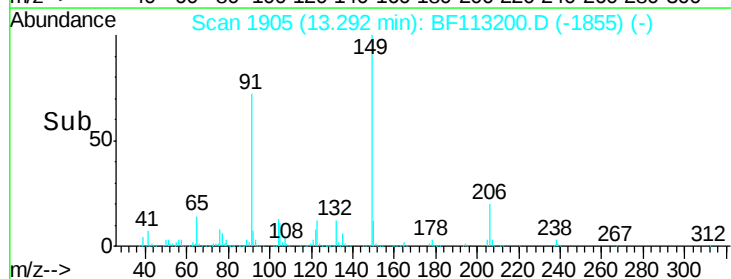
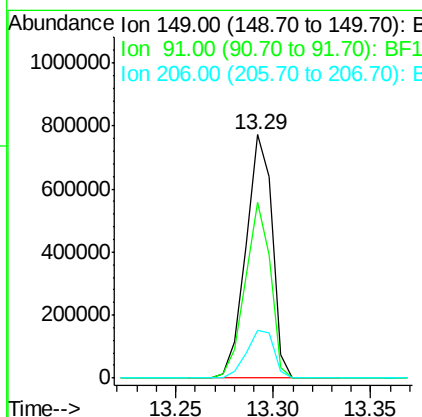
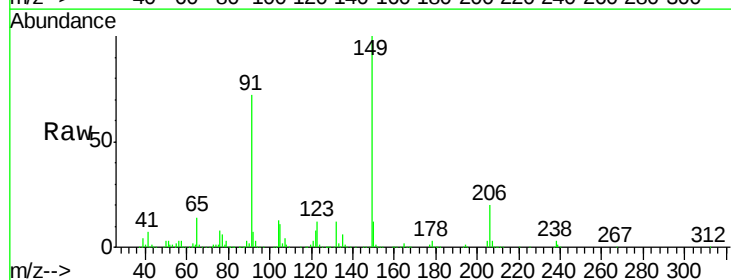
Manual Integrations
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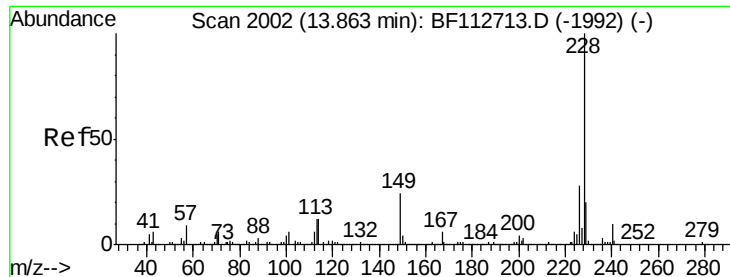
Sohil
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#80
 Butylbenzylphthalate
 Concen: 34.190 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Tgt Ion: 149 Resp: 720766
 Ion Ratio Lower Upper
 149 100
 91 72.2 59.9 89.9
 206 19.7 14.7 22.1





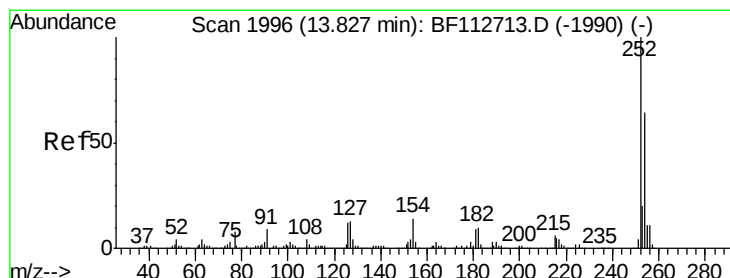
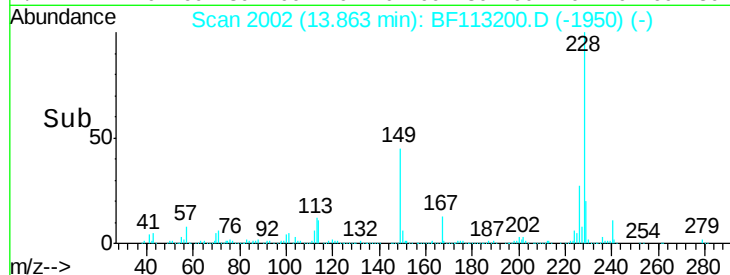
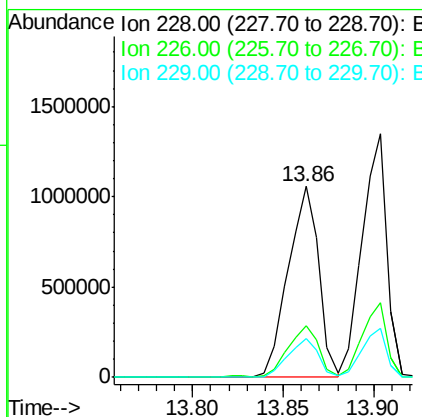
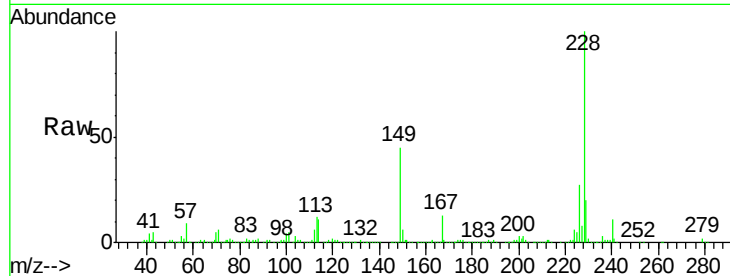
#81
Benzo(a)anthracene
Concen: 31.867 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

Tgt Ion:228 Resp: 1251227
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.4
229 20.1 16.0 24.0

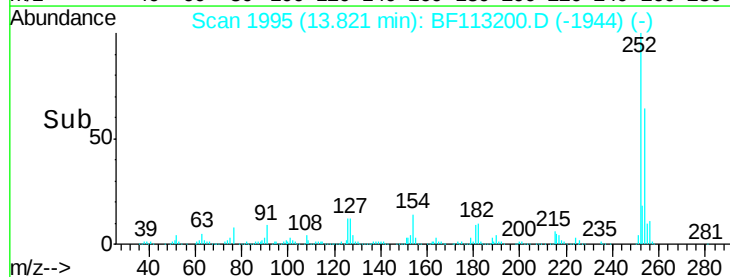
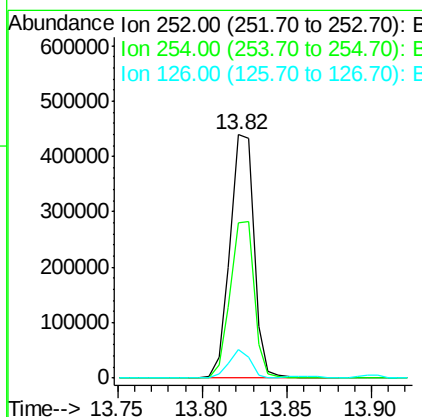
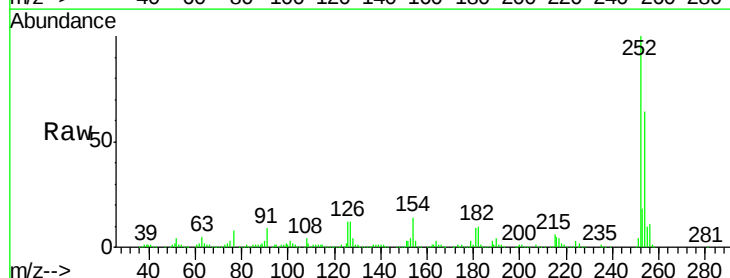
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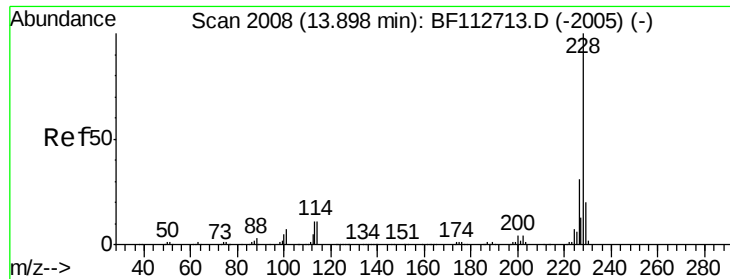
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#82
3,3'-Dichlorobenzidine
Concen: 29.198 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion:252 Resp: 433586
Ion Ratio Lower Upper
252 100
254 63.8 51.1 76.7
126 11.7 9.9 14.9





#83

Chrysene

Concen: 33.389 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

PB118085BS

Tgt Ion:228 Resp: 1284149

Ion Ratio Lower Upper

228 100

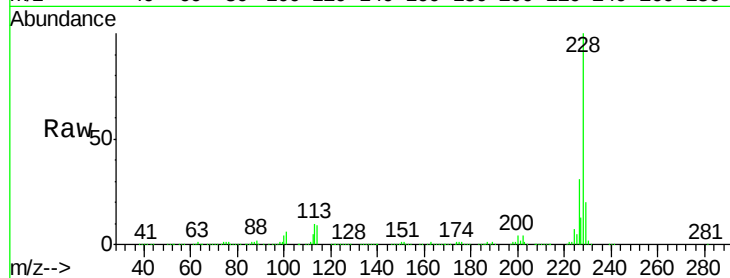
226 30.8 24.9 37.3

229 20.0 16.3 24.5

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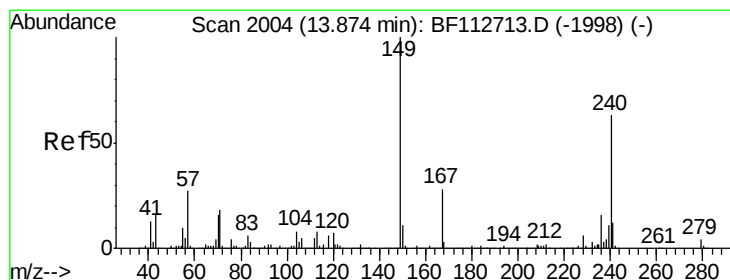
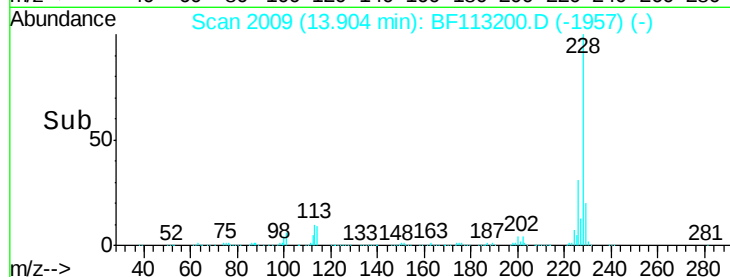
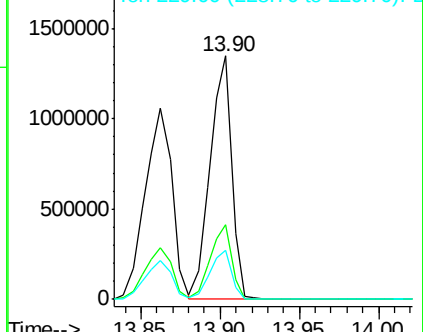
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.468 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

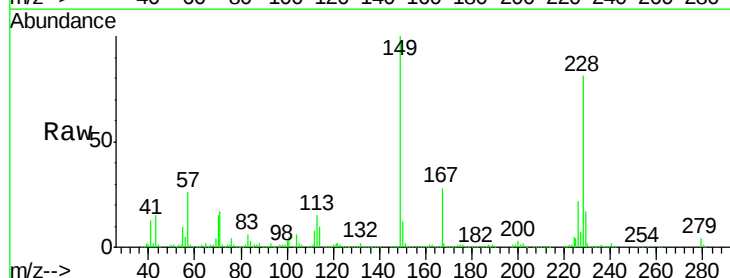
Tgt Ion:149 Resp: 926472

Ion Ratio Lower Upper

149 100

167 27.7 22.4 33.6

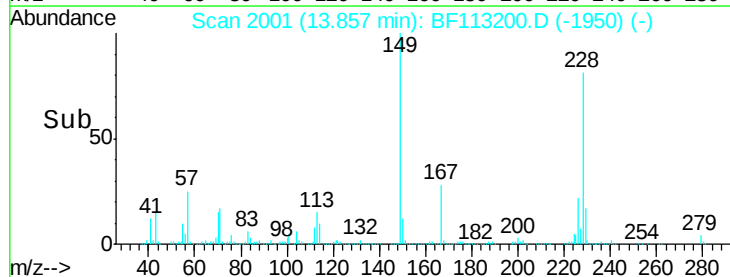
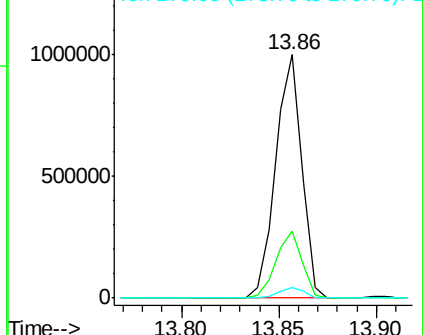
279 4.2 3.3 4.9

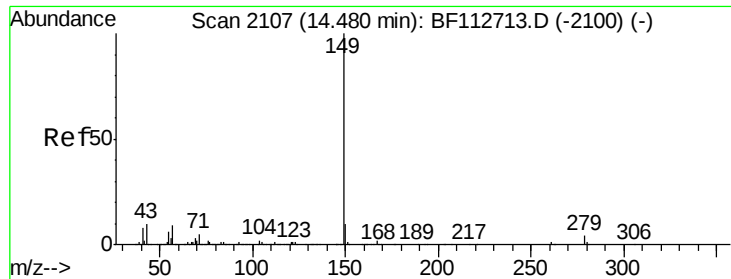


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





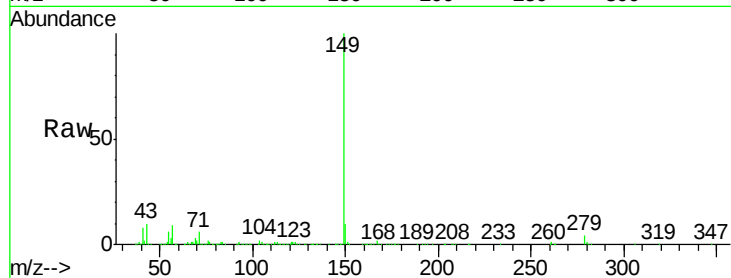
#85
Di-n-octyl phthalate
Concen: 38.673 ng
RT: 14.46 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

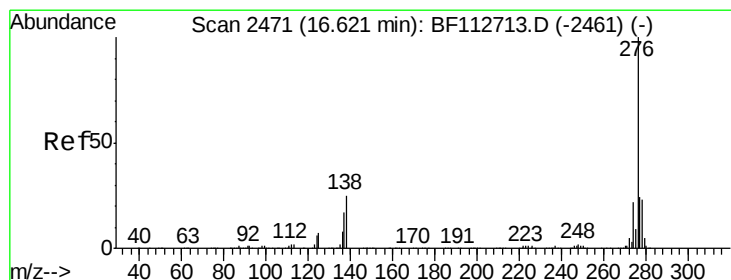
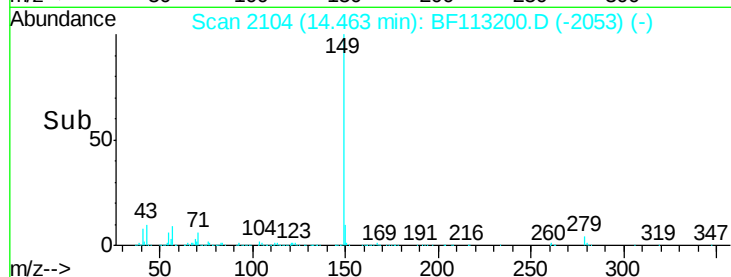
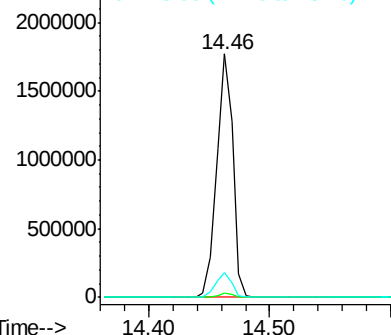
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.9	9.0	13.4

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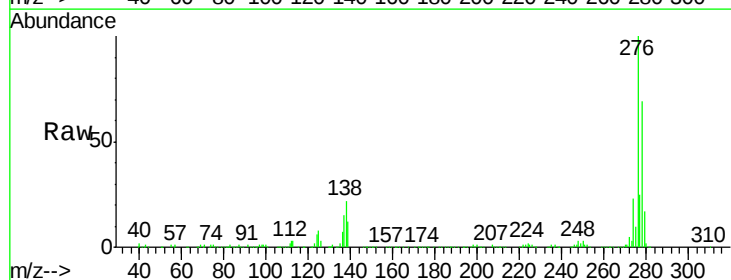


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

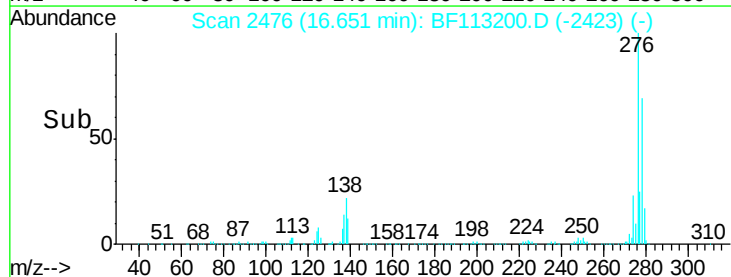
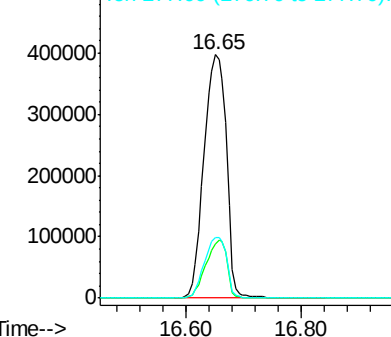


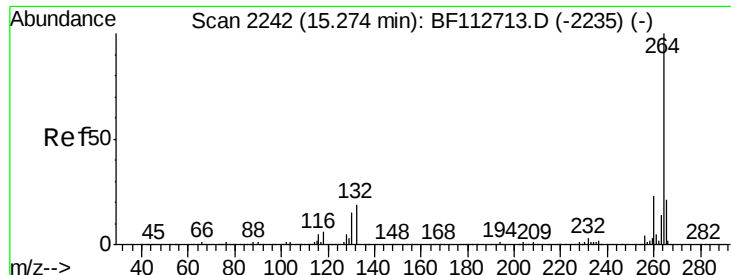
#86
Indeno(1,2,3-cd)pyrene
Concen: 32.685 ng
RT: 16.65 min Scan# 2476
Delta R.T. 0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.7	23.2	34.8#
277	25.0	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





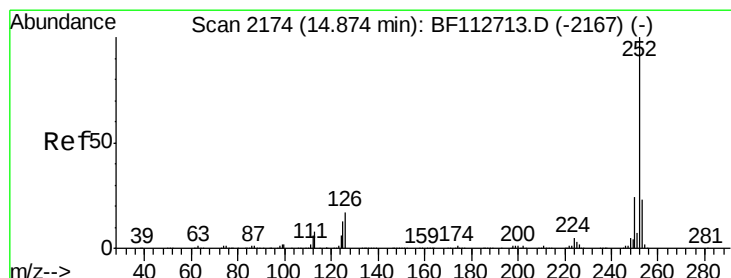
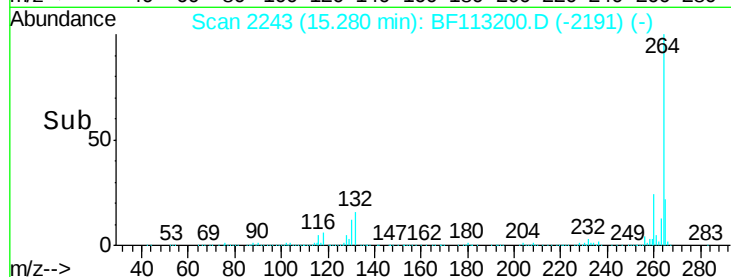
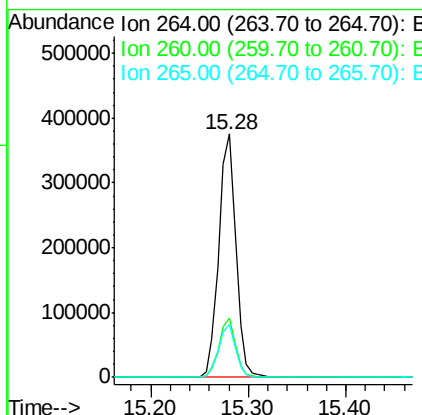
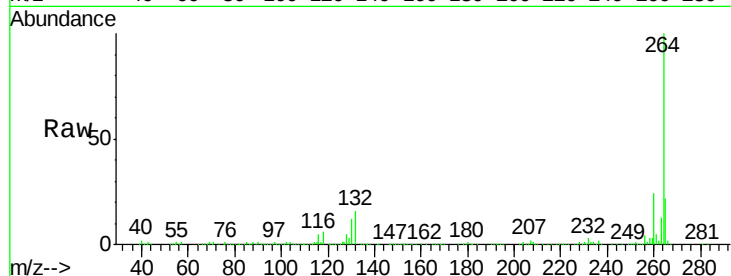
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampled :
PB118085BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	22.0	17.2	25.8

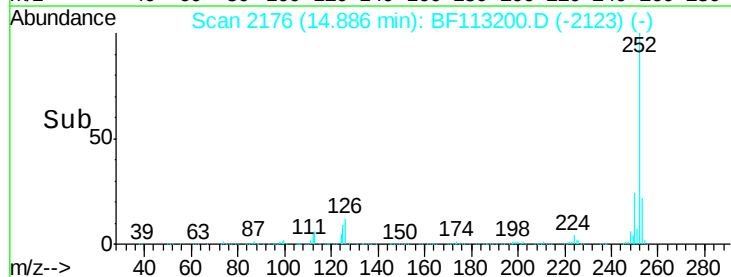
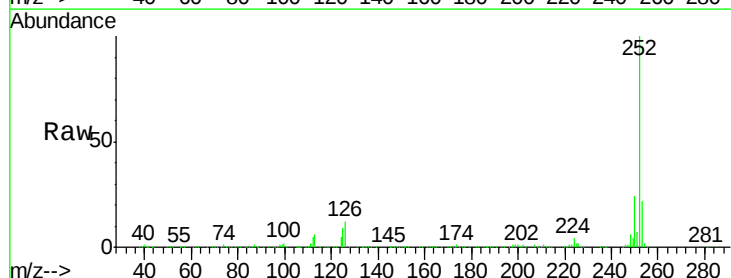
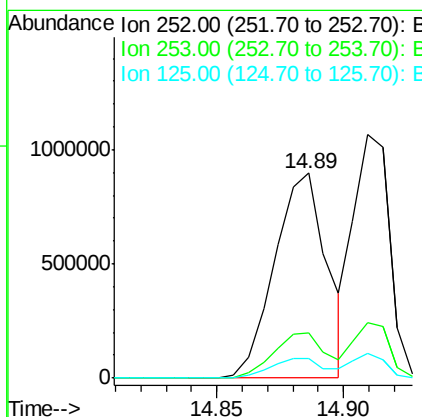
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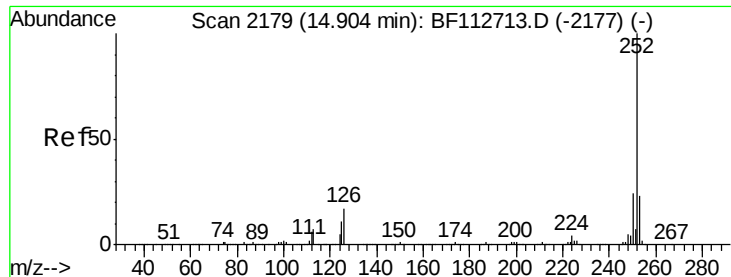
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#88
Benzo(b)fluoranthene
Concen: 43.236 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	9.5	10.2	15.2#





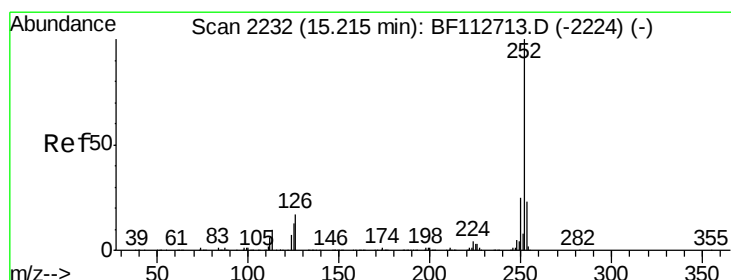
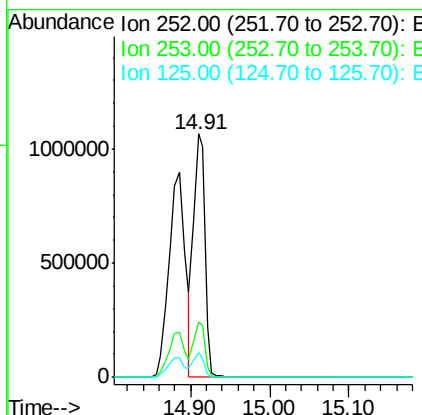
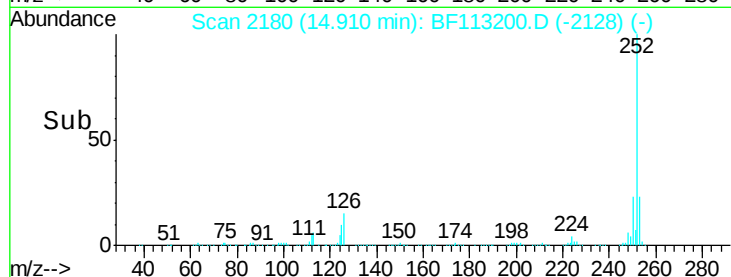
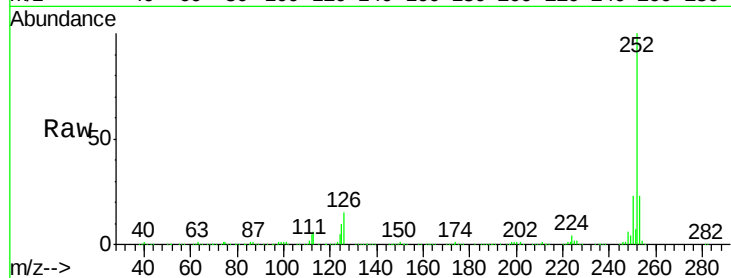
#89
Benzo(k)fluoranthene
Concen: 39.779 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

Tgt Ion:252 Resp: 1072767
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 10.1 9.8 14.6

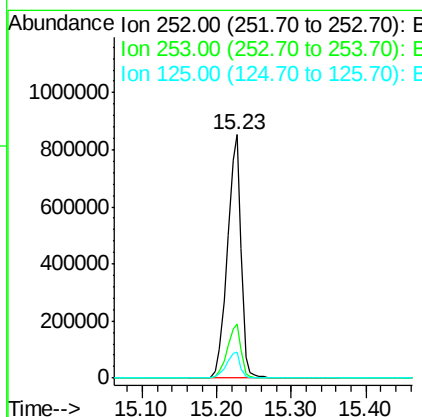
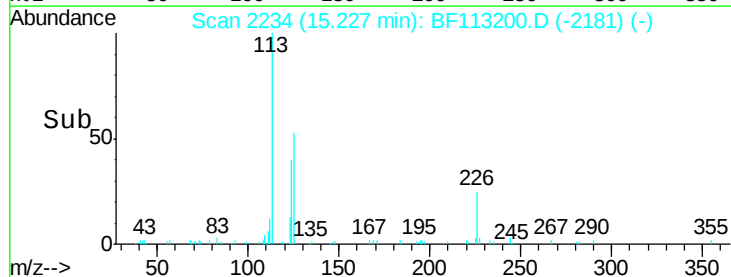
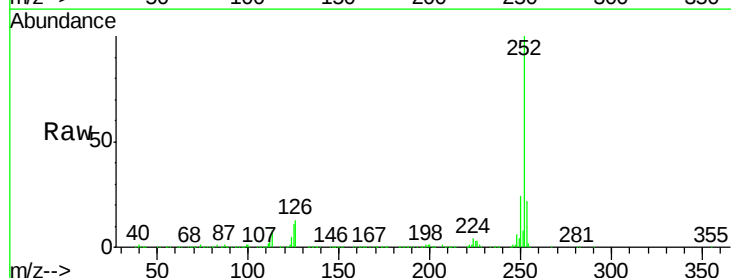
Manual Integrations
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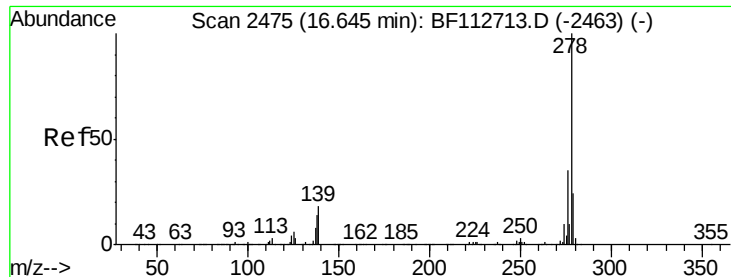
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#90
Benzo(a)pyrene
Concen: 41.603 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion:252 Resp: 1095581
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 10.6 10.7 16.1#





#91

Dibenzo(a,h)anthracene

Concen: 39.813 ng

RT: 16.67 min Scan# 2479

Delta R.T. 0.02 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

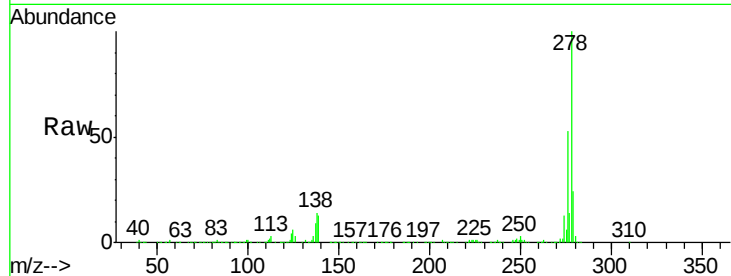
ClientSampleId :

PB118085BS

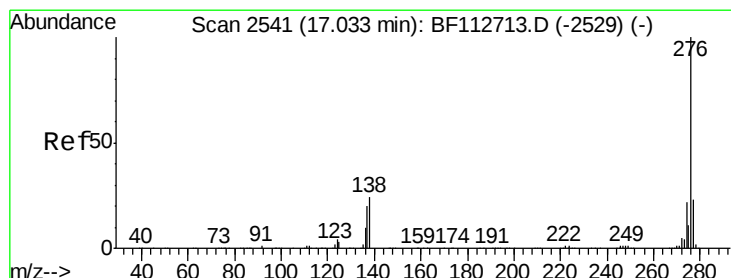
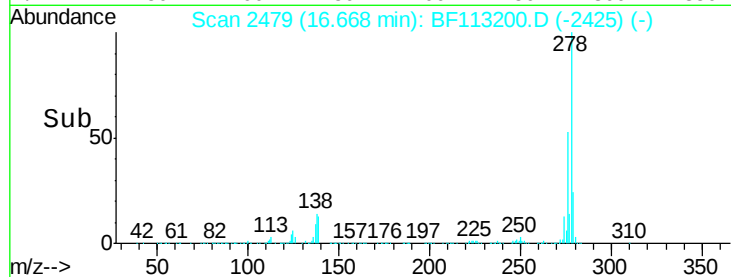
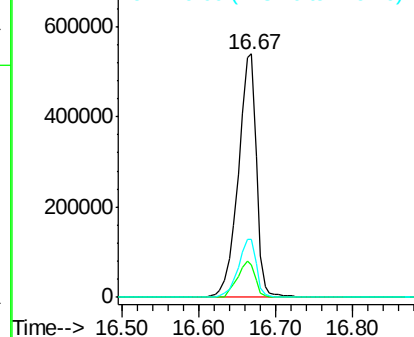
Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.4	14.3	21.5#
279	23.9	19.4	29.0

Manual Integrations
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.993 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.02 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	27.8
138	18.7	19.4	29.0#

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

