

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
 Data File : BF109614.D
 Acq On : 5 Oct 2018 17:11
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Oct 05 17:36:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	87629	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	362388	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	175556	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	345841	20.00	ng	0.00
75) Chrysene-d12	13.84	240	209492	20.00	ng	0.00
86) Perylene-d12	15.24	264	207909	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	354150	66.57	ng	0.00
7) Phenol-d6	6.36	99	446132	65.72	ng	0.00
23) Nitrobenzene-d5	7.27	82	434894	70.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	131539	76.01	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	829840	71.29	ng	-0.01
78) Terphenyl-d14	12.79	244	671863	78.71	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	77036	31.440	ng	92
3) Pyridine	3.06	79	187593	29.746	ng	91
4) n-Nitrosodimethylamine	2.99	42	66198	24.666	ng	# 99
6) Aniline	6.37	93	261248	30.078	ng	# 31
8) 2-Chlorophenol	6.49	128	205181	34.681	ng	98
9) Benzaldehyde	6.25	77	132009	30.269	ng	98
10) Phenol	6.37	94	242130	31.494	ng	# 53
11) bis(2-Chloroethyl)ether	6.44	93	185749	30.876	ng	95
12) 1,3-Dichlorobenzene	6.65	146	229011	33.619	ng	98
13) 1,4-Dichlorobenzene	6.72	146	243130	35.428	ng	98
14) 1,2-Dichlorobenzene	6.87	146	214989	33.960	ng	99
15) Benzyl Alcohol	6.85	79	170231	32.759	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	266775	31.263	ng	73
17) 2-Methylphenol	6.97	107	154536	32.282	ng	# 87
18) Hexachloroethane	7.22	117	87413	36.154	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	148422	33.365	ng	99
20) 3+4-Methylphenols	7.13	107	200073	34.617	ng	94
22) Acetophenone	7.12	105	285073	34.025	ng	97
24) Nitrobenzene	7.29	77	220767	33.822	ng	100
25) Isophorone	7.53	82	350331	31.691	ng	98
26) 2-Nitrophenol	7.60	139	112175	43.456	ng	98
27) 2,4-Dimethylphenol	7.65	122	153298	31.826	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	240246	32.831	ng	98
29) 2,4-Dichlorophenol	7.85	162	174460	34.473	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	188628	33.356	ng	99
31) Naphthalene	8.00	128	551399	32.561	ng	99
32) Benzoic acid	7.78	122	89711	30.323	ng	98
33) 4-Chloroaniline	8.06	127	249795	33.766	ng	99
34) Hexachlorobutadiene	8.13	225	119325	35.002	ng	99
35) Caprolactam	8.43	113	51140	31.651	ng	# 79
36) 4-Chloro-3-methylphenol	8.55	107	183706	34.496	ng	100
37) 2-Methylnaphthalene	8.70	142	367020	33.620	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	195375	34.969	ng	98
40) Hexachlorocyclopentadiene	8.85	237	65658	26.943	ng	95

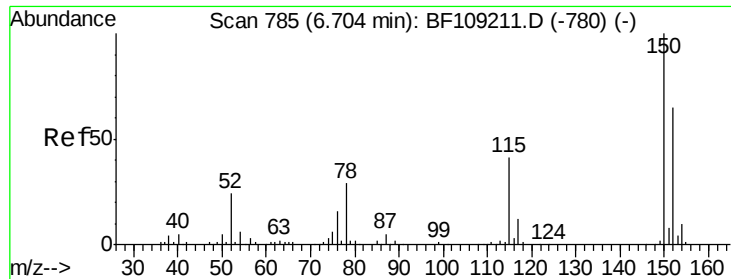
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
 Data File : BF109614.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	121430	33.864	nq	98
43) 2,4,5-Trichlorophenol	9.03	196	136424	36.023	nq	95
45) 1,1'-Biphenyl	9.16	154	488321	34.140	nq	98
46) 2-Chloronaphthalene	9.19	162	384700	33.666	nq	96
47) 2-Nitroaniline	9.28	65	119637	36.928	nq	90
48) Acenaphthylene	9.60	152	570105	33.072	nq	99
49) Dimethylphthalate	9.46	163	432985	33.910	nq	100
50) 2,6-Dinitrotoluene	9.52	165	94884	37.520	nq	94
51) Acenaphthene	9.77	154	330312	31.693	nq	99
52) 3-Nitroaniline	9.69	138	107058	36.555	nq	93
53) 2,4-Dinitrophenol	9.80	184	27185	35.595	nq	# 30
54) Dibenzofuran	9.94	168	512073	33.037	nq	96
55) 4-Nitrophenol	9.87	139	58034	26.305	nq	92
56) 2,4-Dinitrotoluene	9.93	165	122731	38.356	nq	# 98
57) Fluorene	10.28	166	382755	34.610	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	106065	35.371	nq	88
59) Diethylphthalate	10.16	149	439601	33.998	nq	98
60) 4-Chlorophenyl-phenylether	10.27	204	202535	35.063	nq	93
61) 4-Nitroaniline	10.30	138	102018	35.719	nq	93
62) Azobenzene	10.43	77	433417	32.262	nq	96
64) 4,6-Dinitro-2-methylphenol	10.34	198	48990	37.105	nq	83
65) n-Nitrosodiphenylamine	10.39	169	380004	33.257	nq	96
66) 4-Bromophenyl-phenylether	10.76	248	132515	34.505	nq	# 85
67) Hexachlorobenzene	10.83	284	137542	33.722	nq	# 88
68) Atrazine	10.92	200	115351	32.824	nq	95
69) Pentachlorophenol	11.03	266	73530	30.121	nq	97
70) Phenanthrene	11.24	178	559809	32.419	nq	99
71) Anthracene	11.29	178	584661	33.382	nq	99
72) Carbazole	11.45	167	548761	31.492	nq	99
73) Di-n-butylphthalate	11.77	149	697861	34.788	nq	99
74) Fluoranthene	12.42	202	567980	30.779	nq	97
76) Benzidine	12.54	184	195424	25.873	nq	100
77) Pyrene	12.65	202	569464	37.929	nq	99
79) Butylbenzylphthalate	13.26	149	245371	38.414	nq	97
80) Benzo(a)anthracene	13.83	228	378390	29.987	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	152050	31.707	nq	98
82) Chrysene	13.86	228	396843	31.730	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	309393	38.407	nq	99
84) Di-n-octyl phthalate	14.43	149	476627	34.604	nq	97
85) Indeno(1,2,3-cd)pyrene	16.60	276	447138	44.108	nq	# 92
87) Benzo(b)fluoranthene	14.84	252	342598	29.988	nq	97
88) Benzo(k)fluoranthene	14.87	252	348137	32.113	nq	# 97
89) Benzo(a)pyrene	15.18	252	342062	33.228	nq	99
90) Dibenzo(a,h)anthracene	16.61	278	371197	43.952	nq	# 93
91) Benzo(g,h,i)perylene	17.00	276	384462	46.319	nq	# 91

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

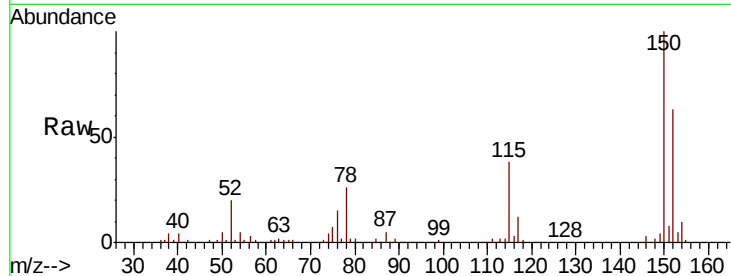


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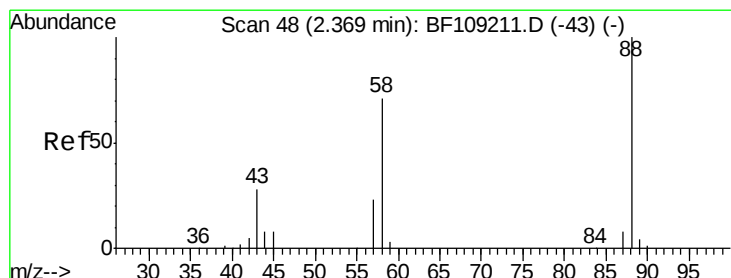
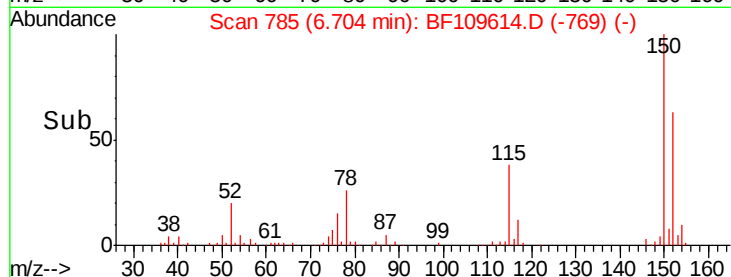
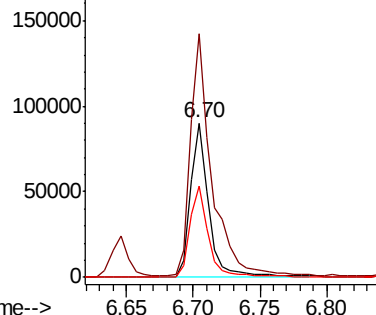
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:152 Resp: 87629
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 59.3 50.1 75.1



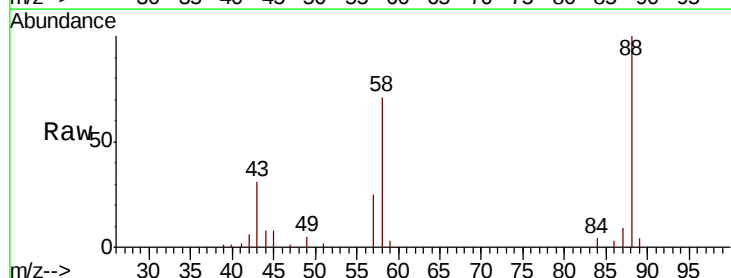
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



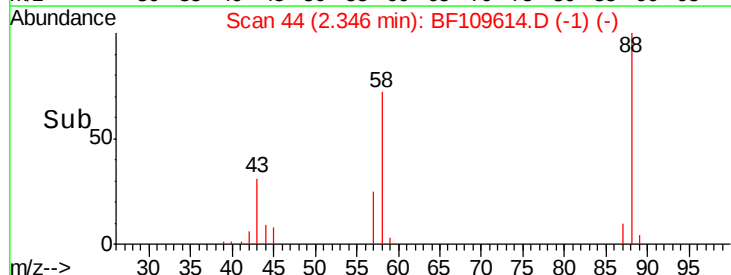
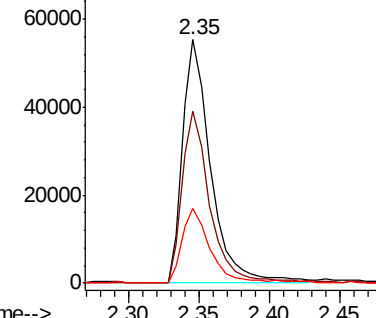
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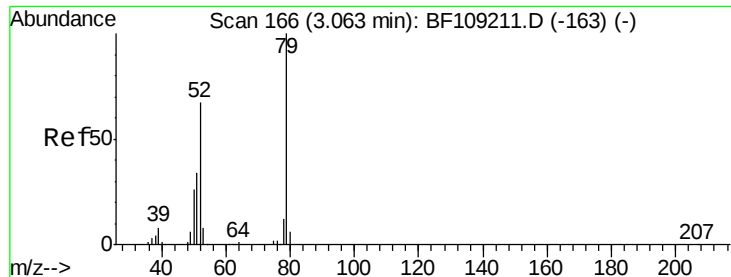
1,4-Dioxane
Concen: 31.440 ng
RT: 2.35 min Scan# 44
Delta R.T. -0.02 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Tgt Ion: 88 Resp: 77036
Ion Ratio Lower Upper
88 100
58 69.0 62.6 93.8
43 30.9 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 29.746 ng

RT: 3.06 min Scan# 166

Delta R.T. 0.00 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

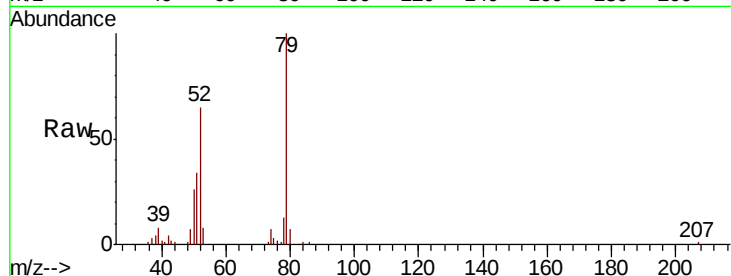
Tot Ion: 79 Resp: 187593

Ion Ratio Lower Upper

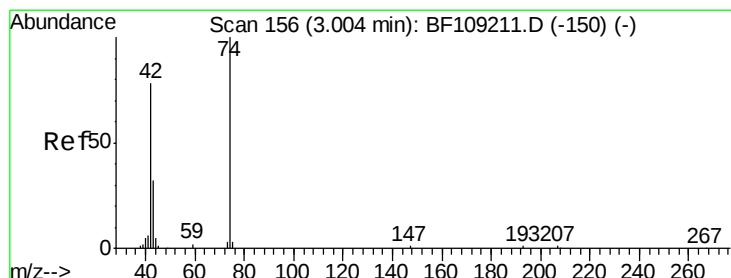
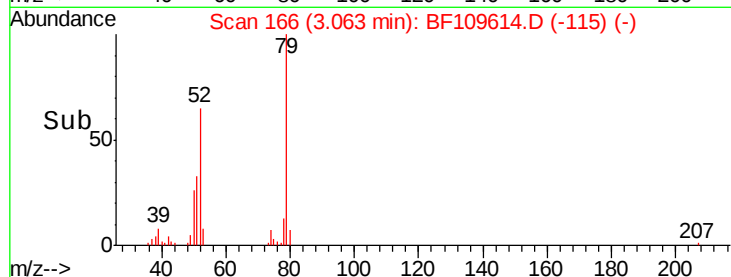
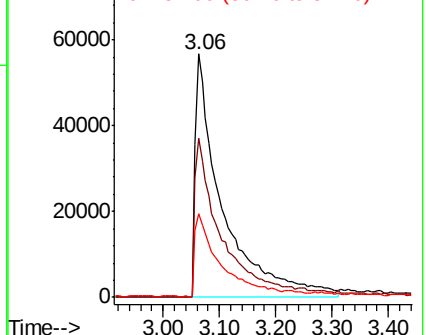
79 100

52 65.2 59.8 89.6

51 34.3 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 24.666 ng

RT: 2.99 min Scan# 154

Delta R.T. -0.03 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

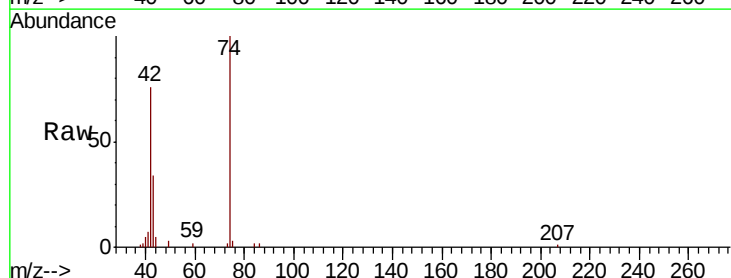
Tgt Ion: 42 Resp: 66198

Ion Ratio Lower Upper

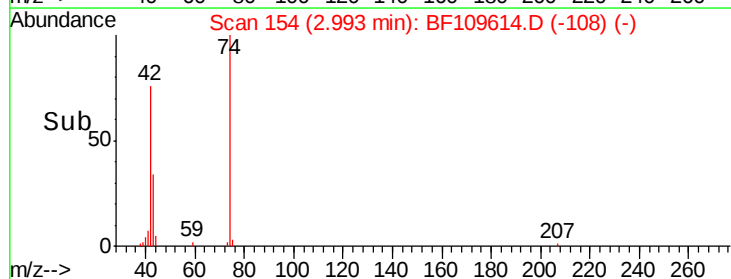
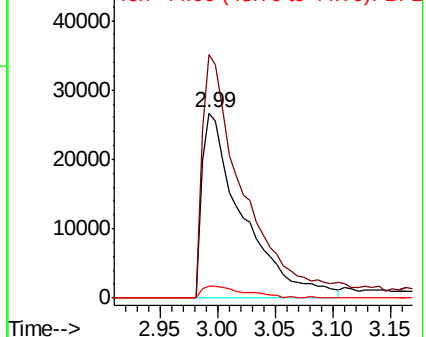
42 100

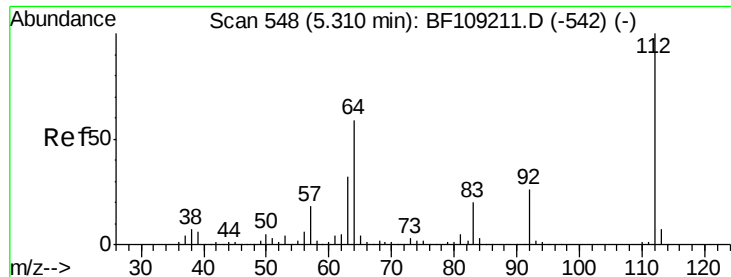
74 131.5 104.9 157.3

44 6.3 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 66.566 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

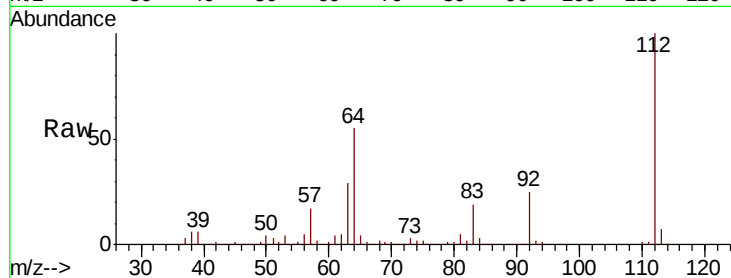
Tot Ion:112 Resp: 354150

Ion Ratio Lower Upper

112 100

64 54.8 47.9 71.9

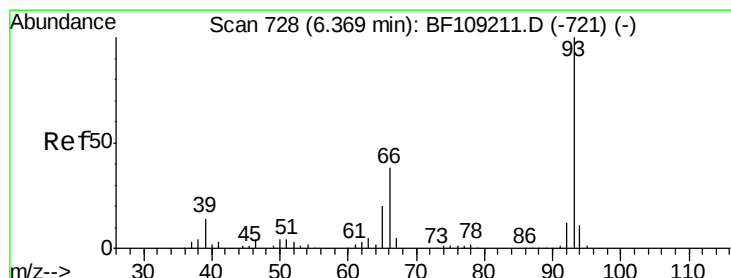
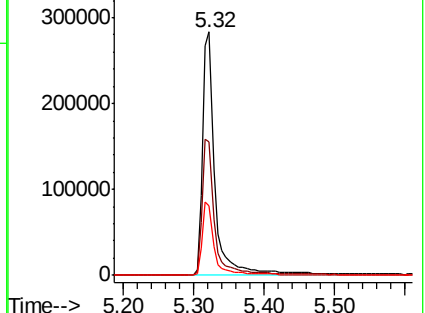
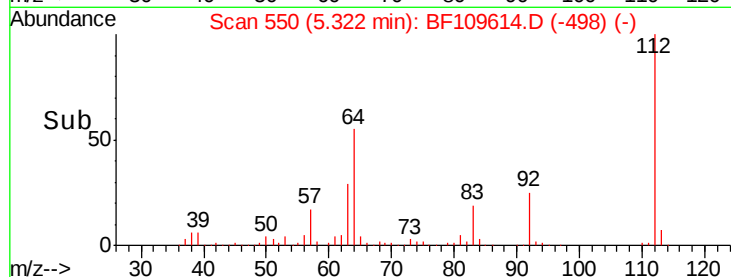
63 28.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.078 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

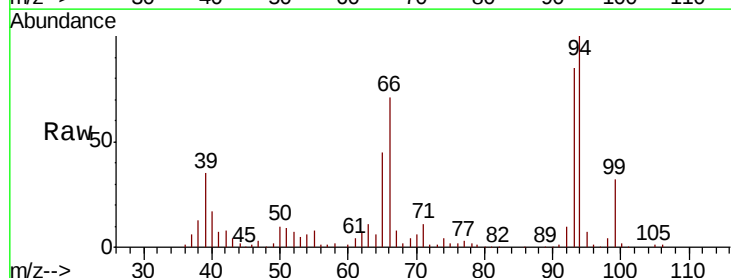
Tgt Ion: 93 Resp: 261248

Ion Ratio Lower Upper

93 100

66 82.8 32.2 48.2#

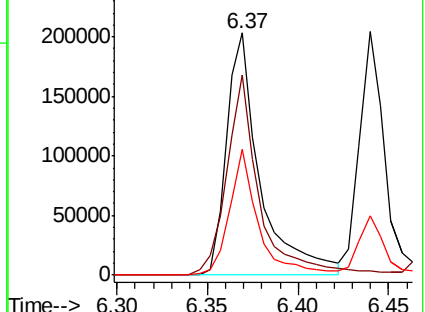
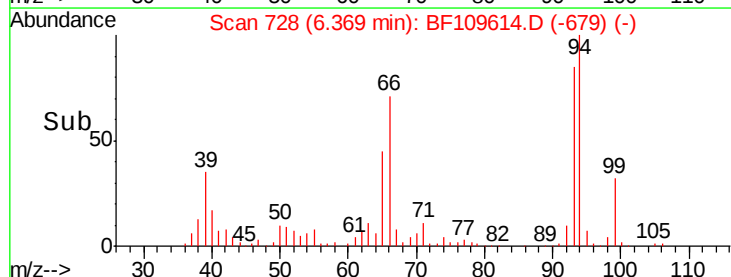
65 52.2 16.4 24.6#

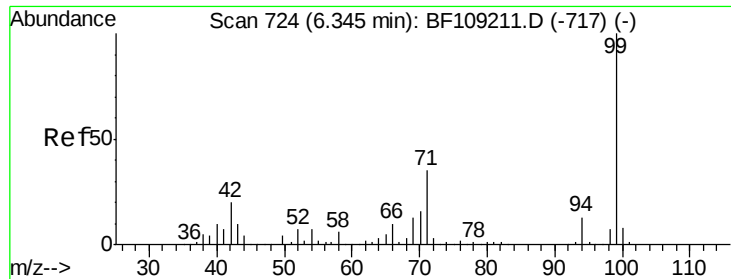


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 65.715 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

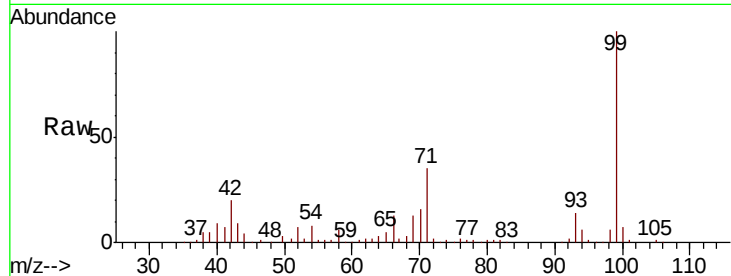
Tot Ion: 99 Resp: 446132

Ion Ratio Lower Upper

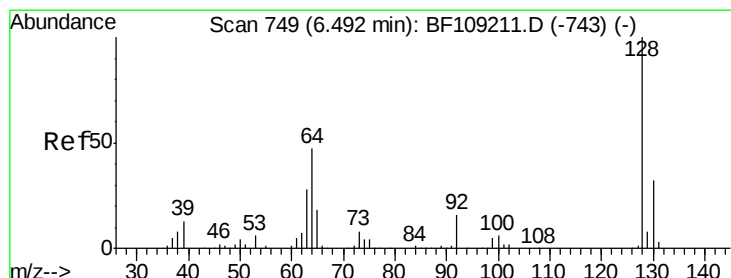
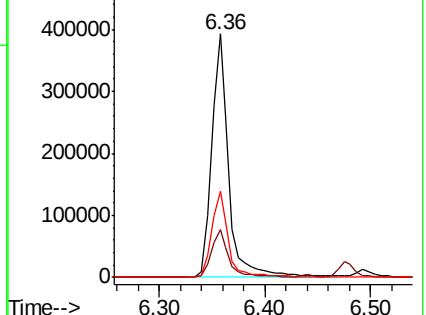
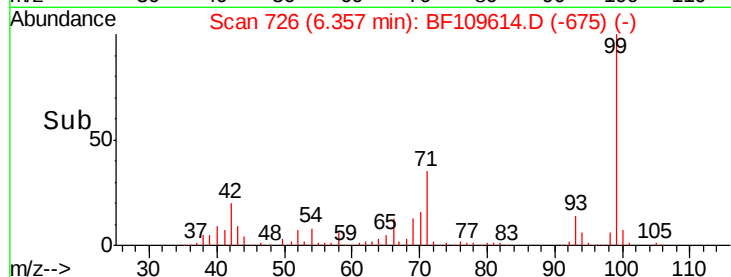
99 100

42 19.6 14.5 21.7

71 35.3 25.4 38.0



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: 34.681 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

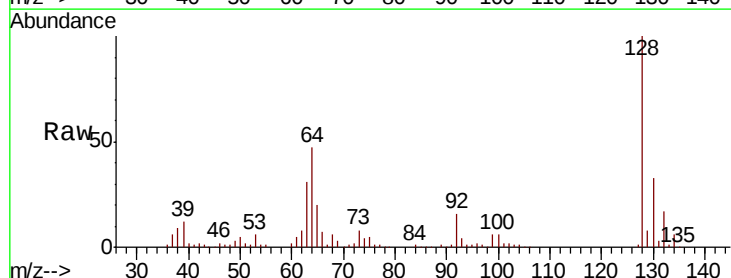
Tgt Ion:128 Resp: 205181

Ion Ratio Lower Upper

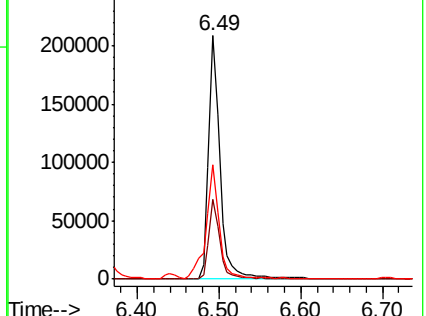
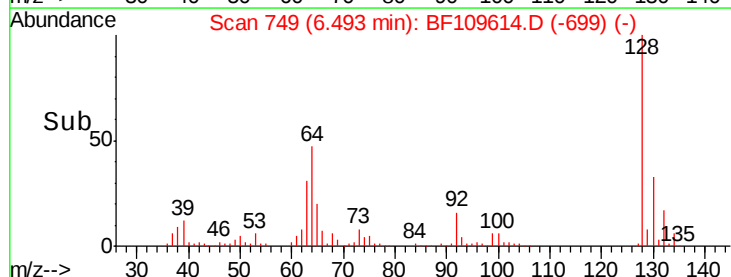
128 100

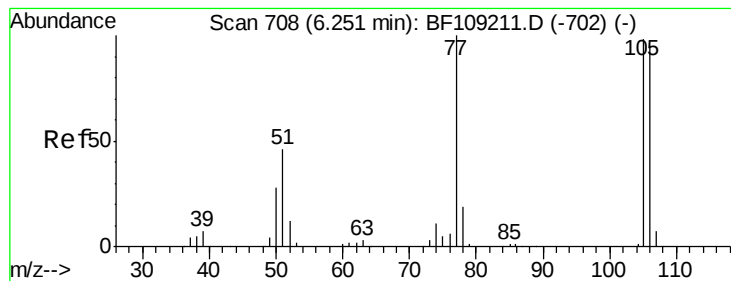
130 32.7 13.0 53.0

64 47.2 29.4 69.4



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: 30.269 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

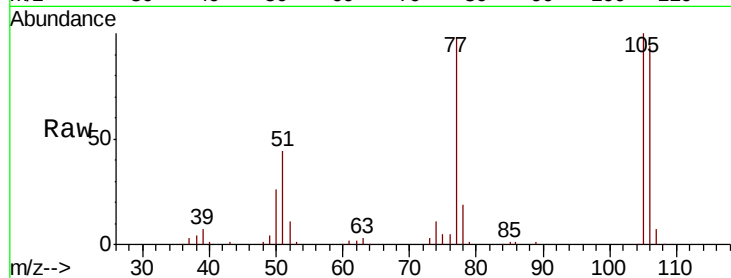
Tot Ion: 77 Resp: 132009

Ion Ratio Lower Upper

77 100

105 102.2 81.1 121.1

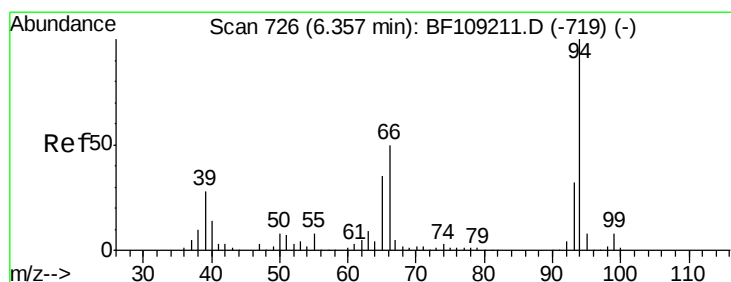
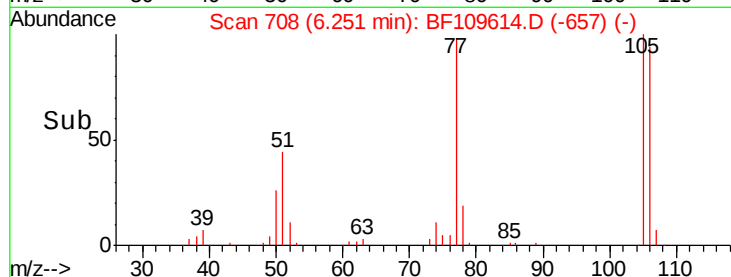
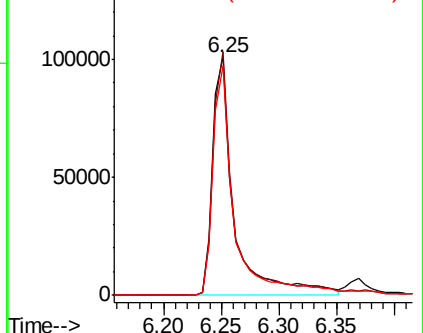
106 96.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 31.494 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

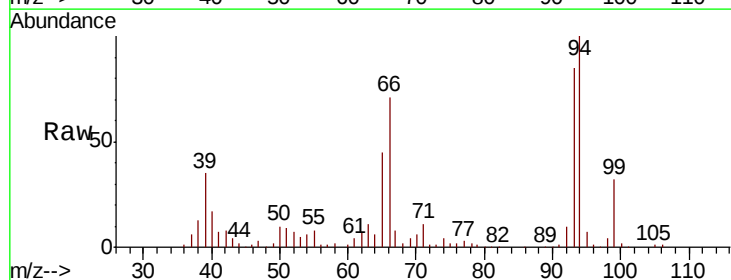
Tgt Ion: 94 Resp: 242130

Ion Ratio Lower Upper

94 100

65 44.6 7.9 47.9

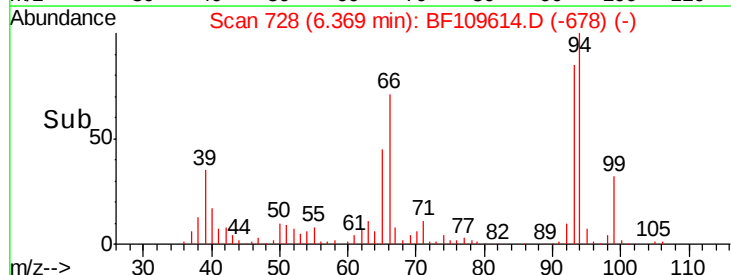
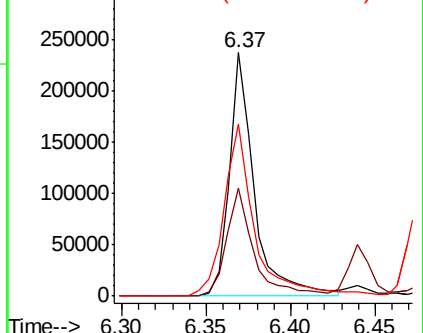
66 70.7 16.2 56.2#

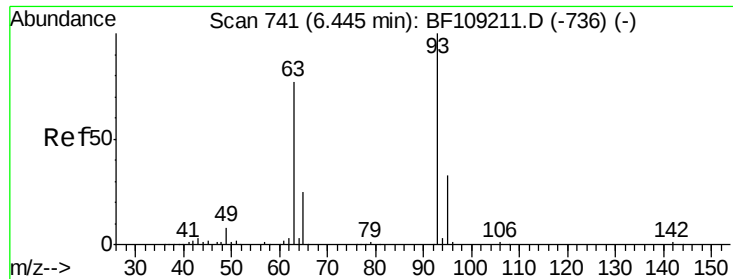


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

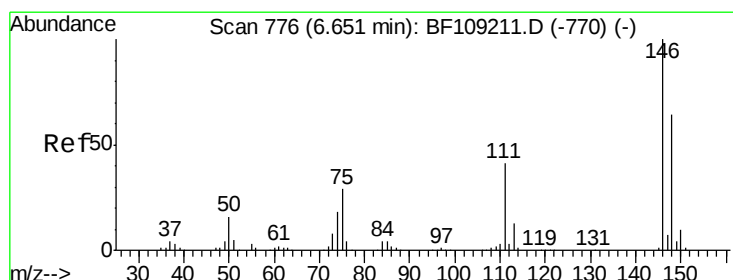
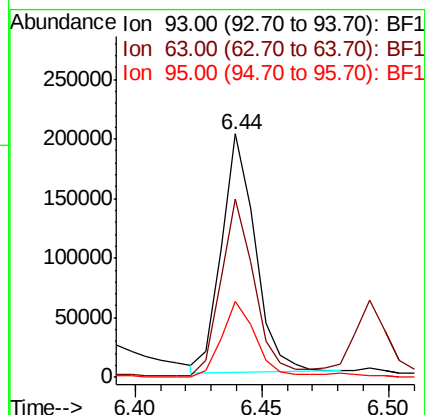
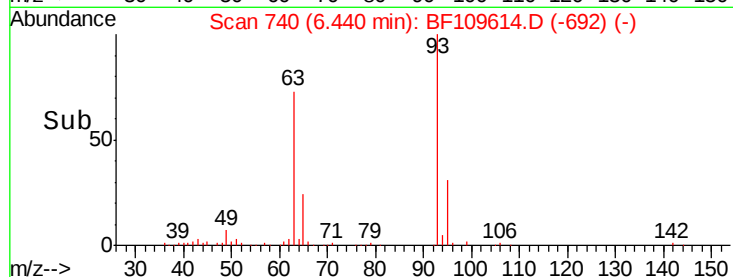
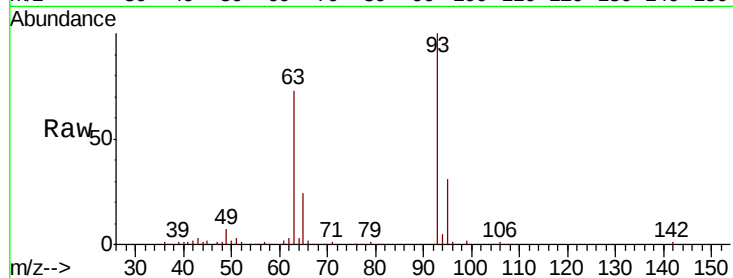




#11
bis(2-Chloroethyl)ether
Concen: 30.876 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

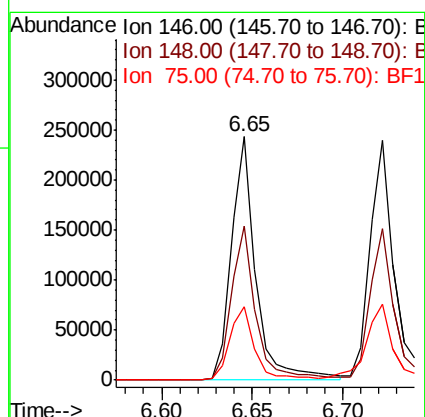
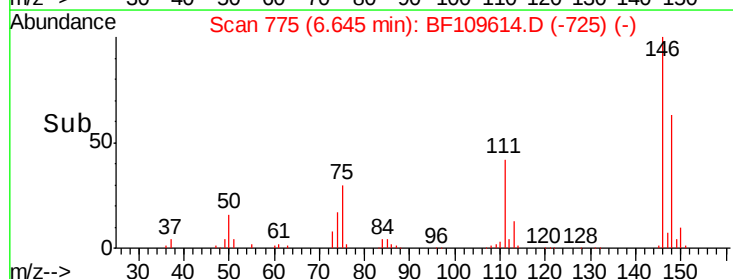
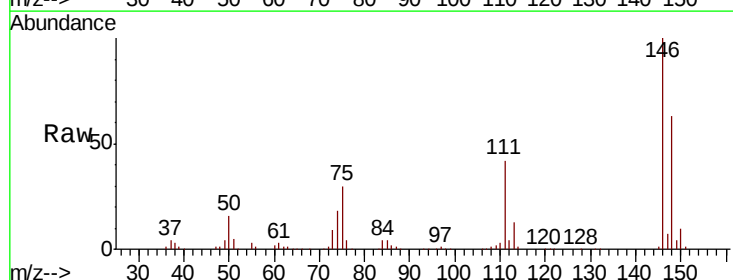
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

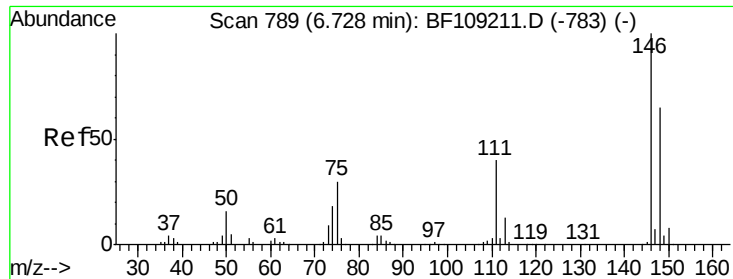
Tot Ion: 93 Resp: 185749
Ion Ratio Lower Upper
93 100
63 73.2 58.6 98.6
95 31.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 33.619 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Tgt Ion: 146 Resp: 229011
Ion Ratio Lower Upper
146 100
148 63.1 51.8 77.8
75 30.1 24.2 36.4

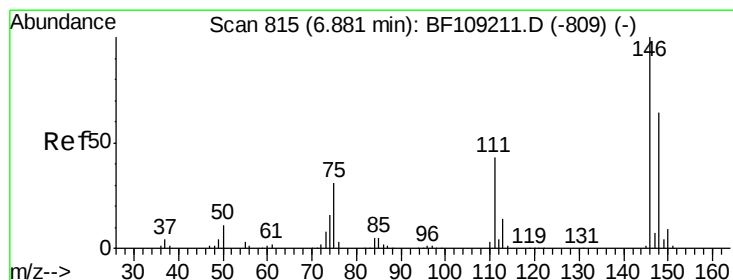
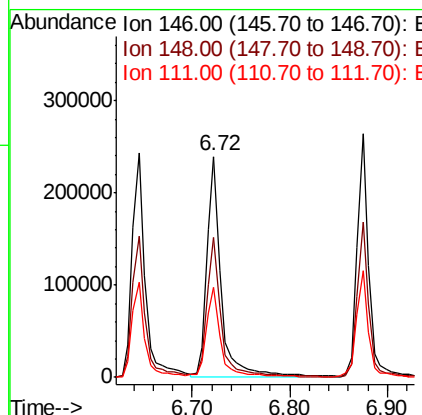
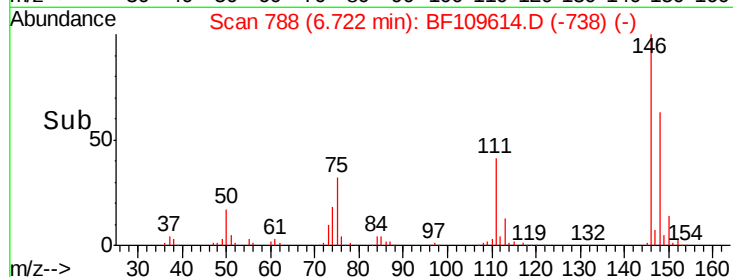
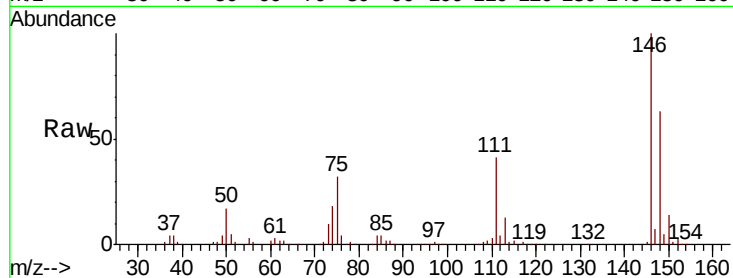




#13
 1,4-Dichlorobenzene
 Concen: 35.428 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF109614.D
 Acq: 5 Oct 2018 17:11

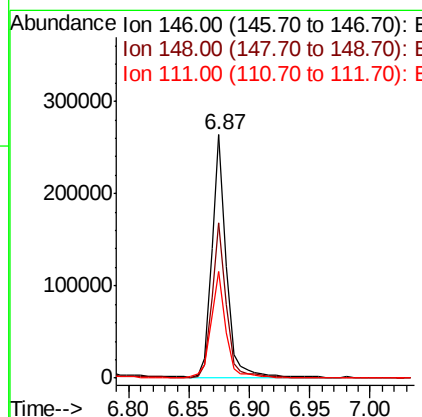
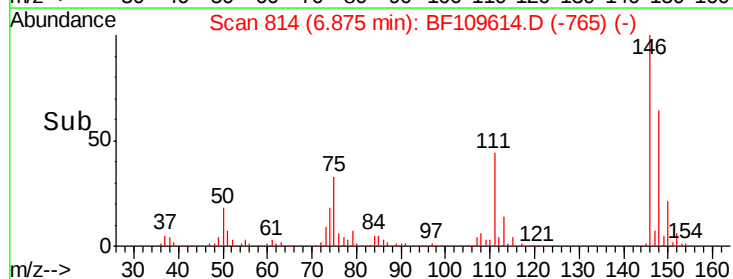
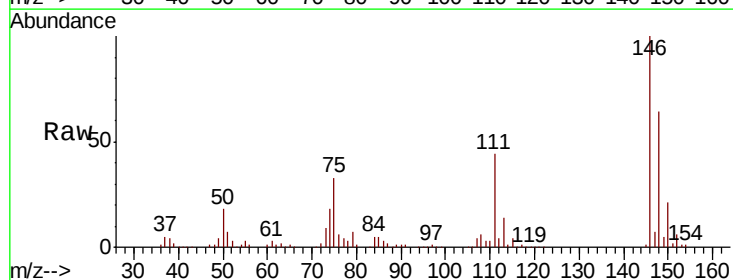
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

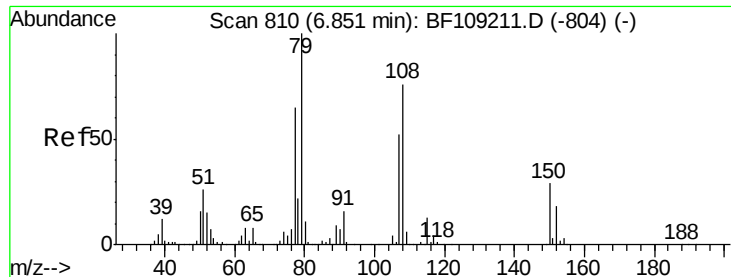
Tot Ion:146 Resp: 243130
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.8 76.2
 111 40.7 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 33.960 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF109614.D
 Acq: 5 Oct 2018 17:11

Tgt Ion:146 Resp: 214989
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 43.6 36.0 54.0





#15

Benzyl Alcohol

Concen: 32.759 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

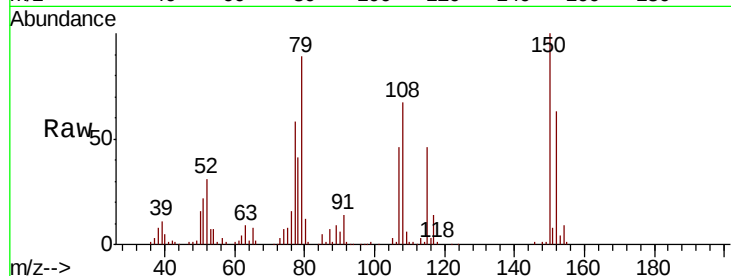
Tot Ion: 79 Resp: 170231

Ion Ratio Lower Upper

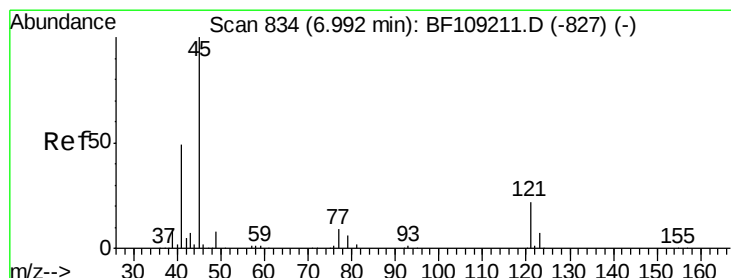
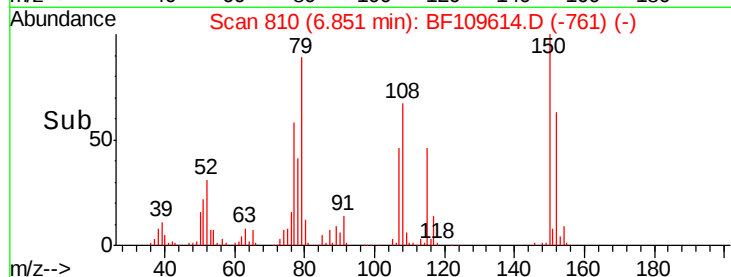
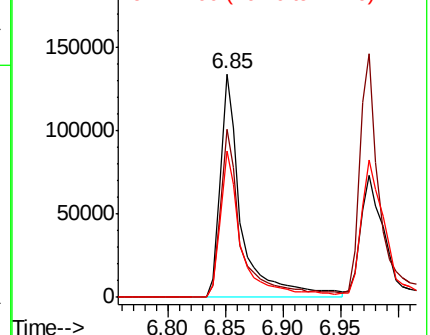
79 100

108 75.2 65.1 97.7

77 65.5 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.263 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

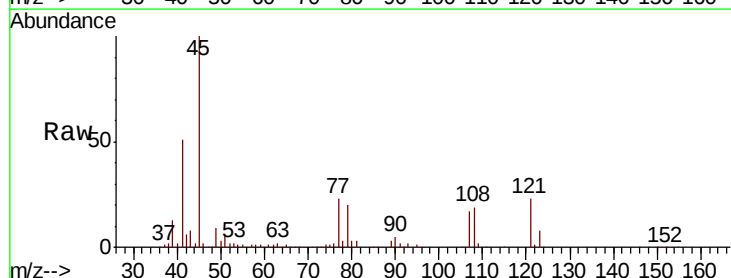
Tgt Ion: 45 Resp: 266775

Ion Ratio Lower Upper

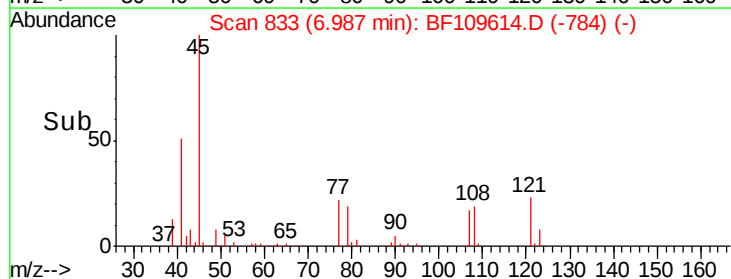
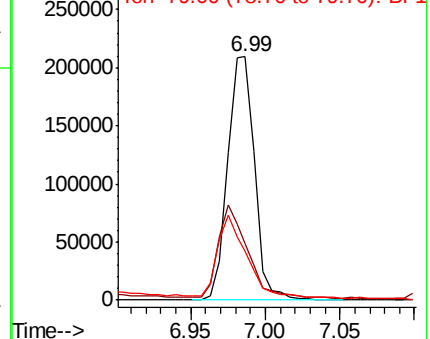
45 100

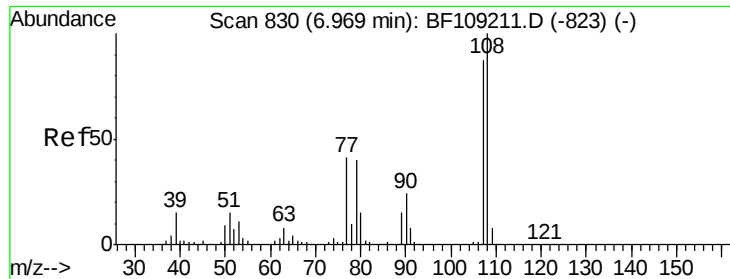
77 23.2 0.0 32.9

79 20.1 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 32.282 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 154536

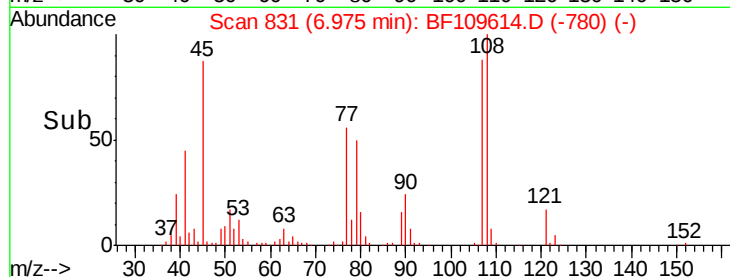
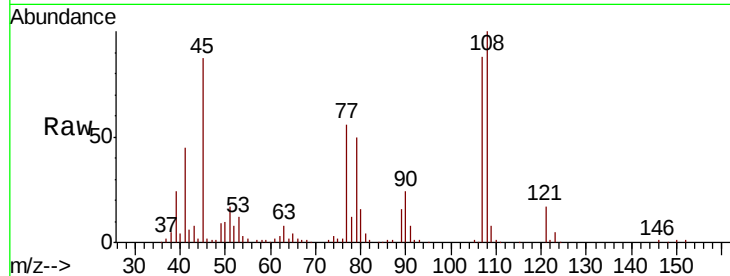
Ion Ratio Lower Upper

107 100

108 113.1 91.7 137.5

77 63.6 33.8 50.8#

79 56.6 33.8 50.8#

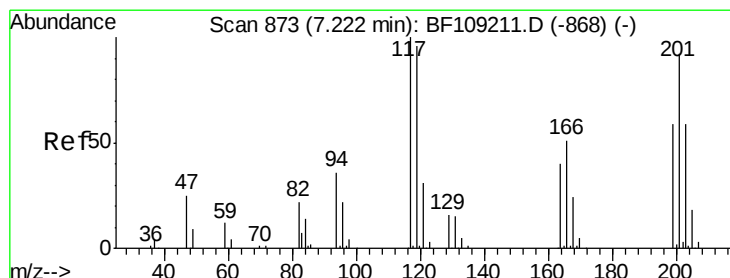
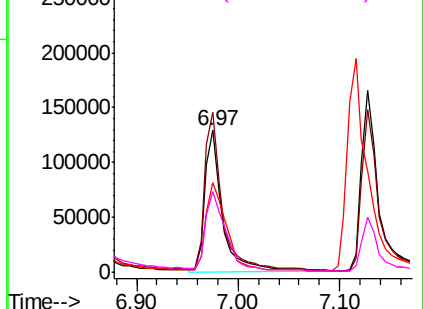


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 36.154 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

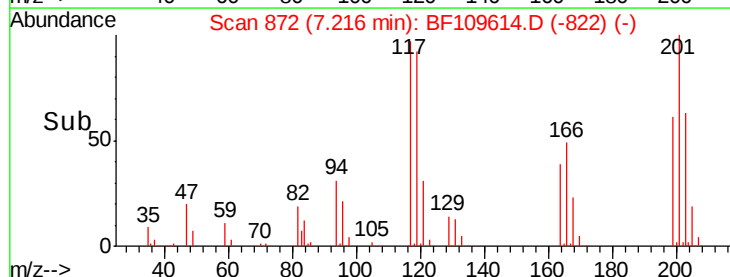
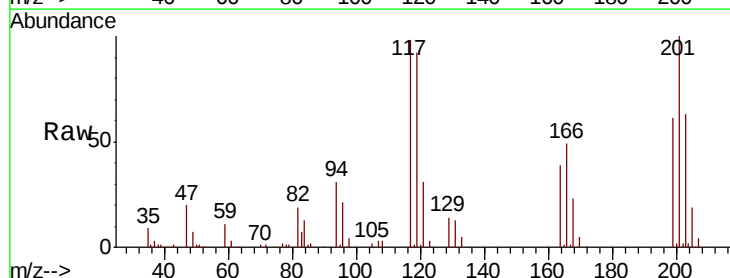
Tgt Ion:117 Resp: 87413

Ion Ratio Lower Upper

117 100

119 94.7 75.8 113.8

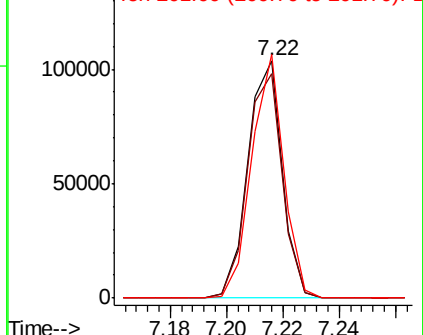
201 102.5 75.7 113.5

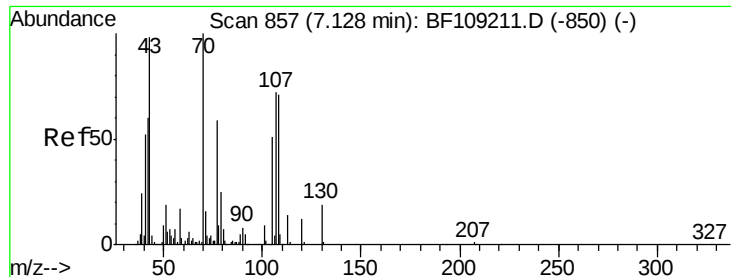


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

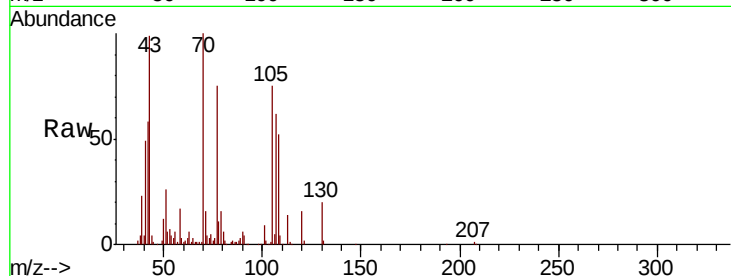




#19
n-Nitroso-di-n-propylamine
Concen: 33.365 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.0	47.5	71.3
101	9.3	7.4	11.2
130	20.4	16.6	25.0



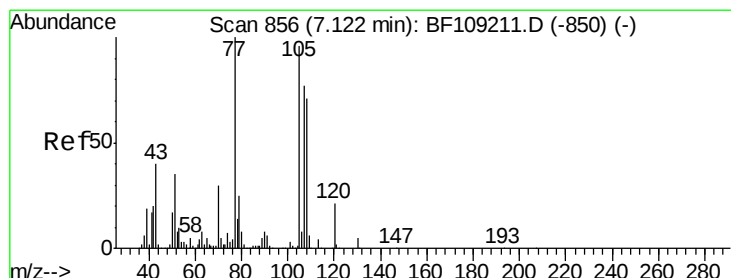
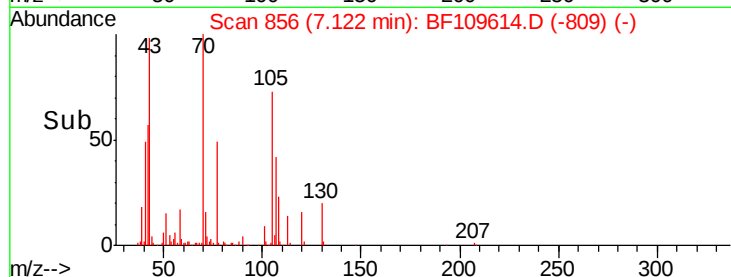
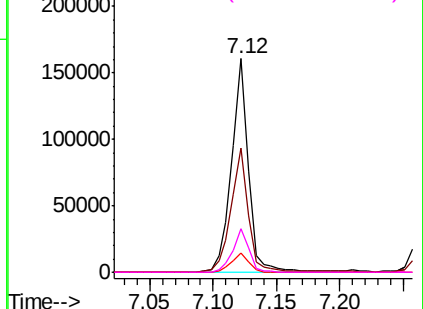
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 34.617 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	68.2	108.2
77	55.9	26.7	66.7
79	30.4	6.3	46.3

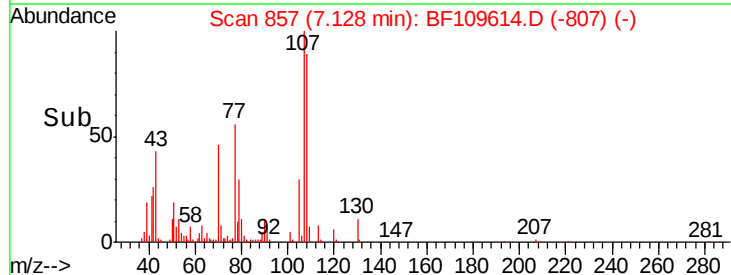
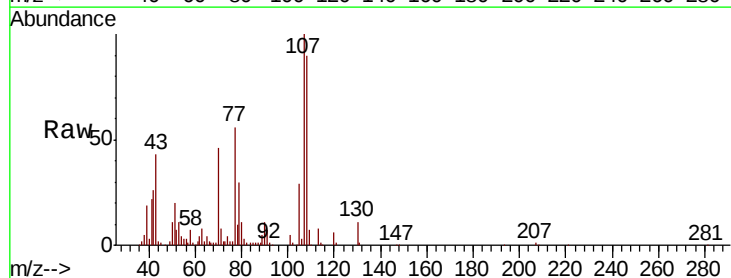
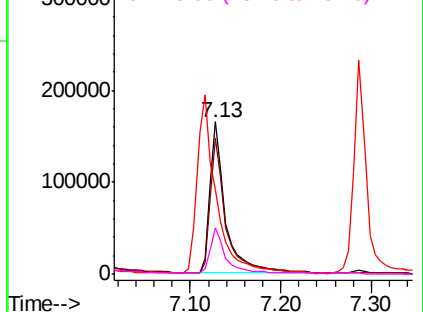
Abundance

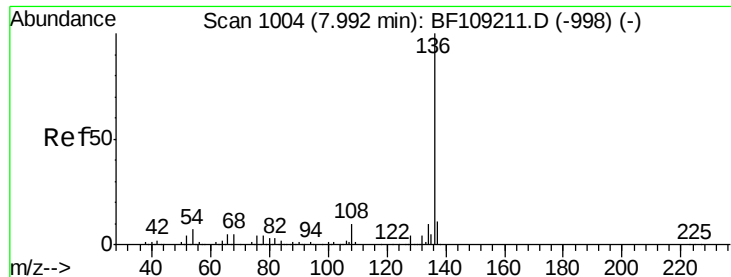
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

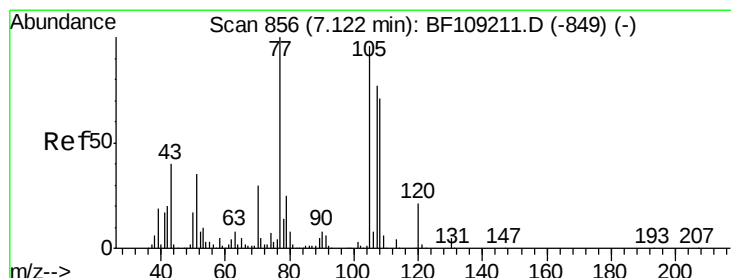
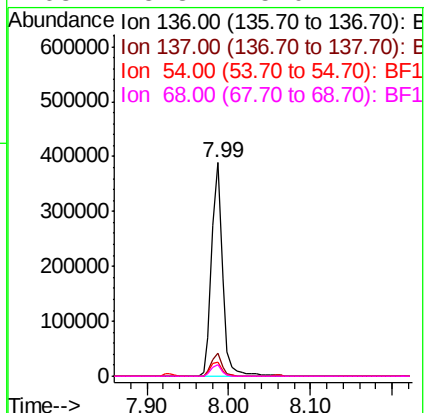
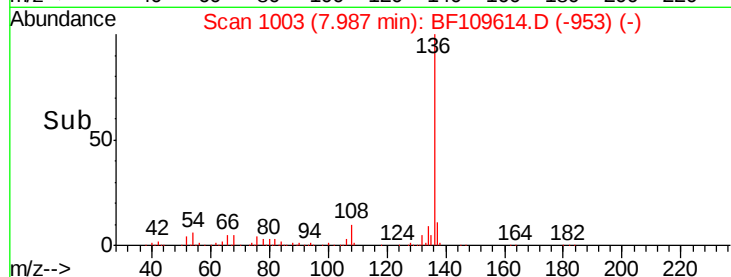
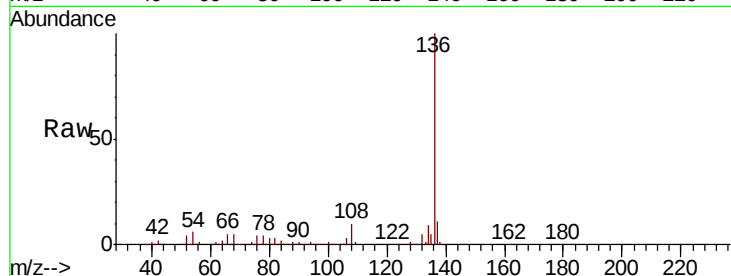




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

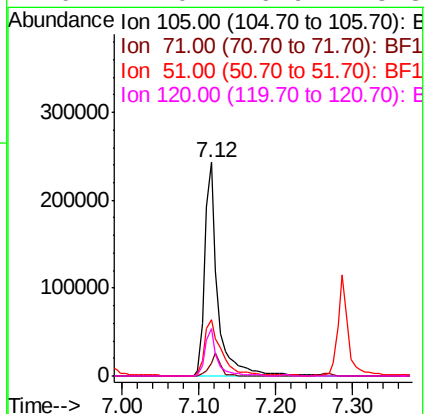
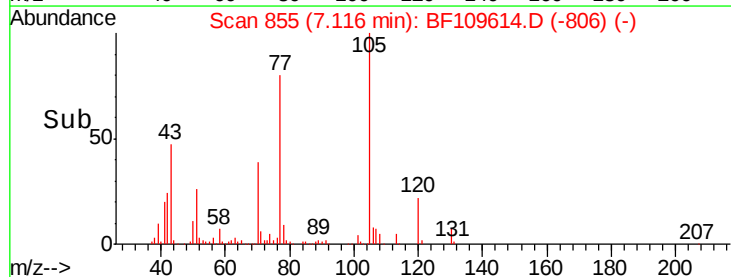
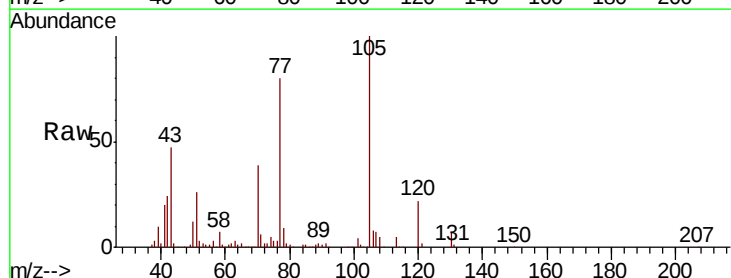
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

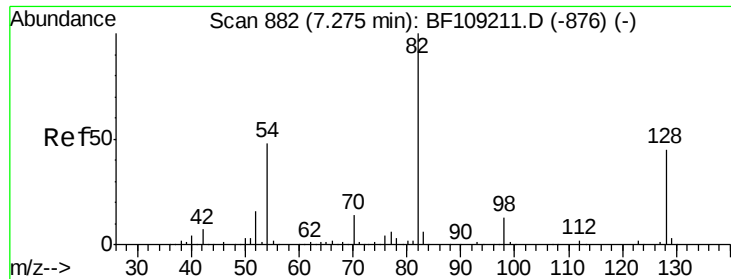
Tot Ion:136	Resp:	362388
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	6.5	6.6 9.8#
68	5.3	5.0 7.4



#22
Acetophenone
Concen: 34.025 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Tgt Ion:105	Resp:	285073
Ion Ratio	Lower	Upper
105	100	
71	6.3	4.4 6.6
51	26.1	22.3 33.5
120	22.0	16.9 25.3

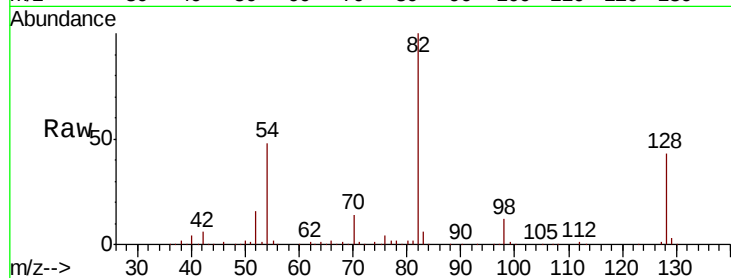




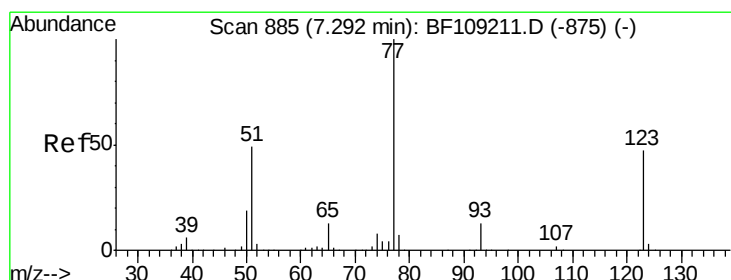
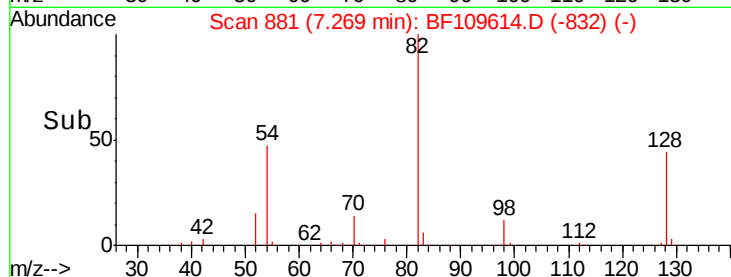
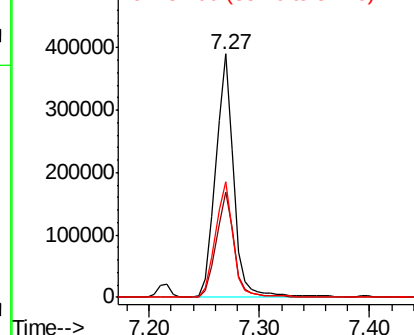
#23
Nitrobenzene-d5
Concen: 70.842 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 82 Resp: 434894
Ion Ratio Lower Upper
82 100
128 43.5 36.1 54.1
54 47.6 41.4 62.2

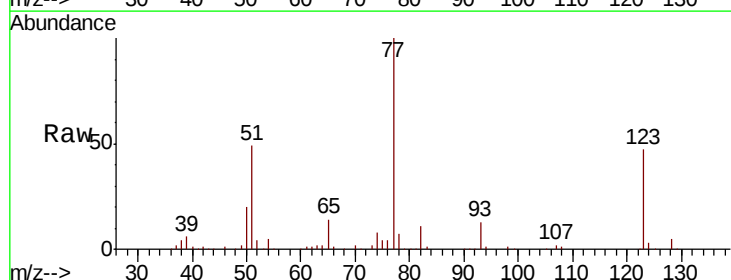


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

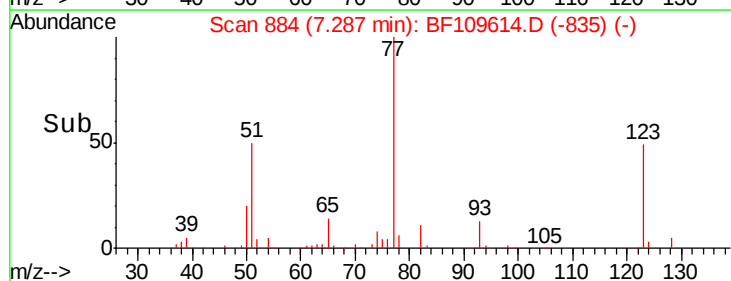
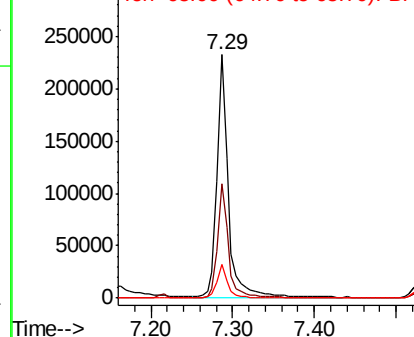


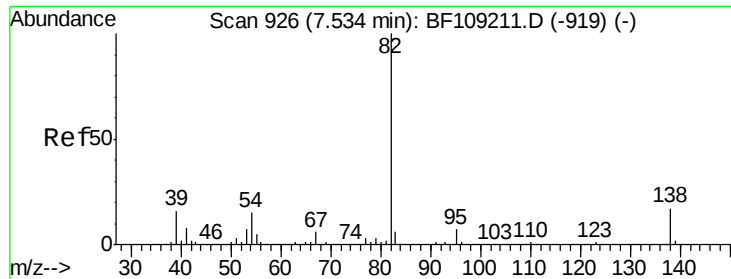
#24
Nitrobenzene
Concen: 33.822 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Tgt Ion: 77 Resp: 220767
Ion Ratio Lower Upper
77 100
123 47.2 37.9 56.9
65 13.7 11.0 16.4



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





#25

Isophorone

Concen: 31.691 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

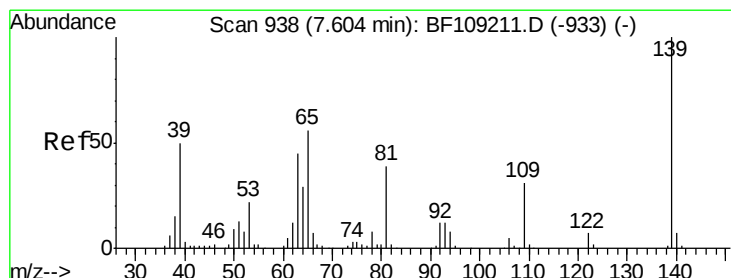
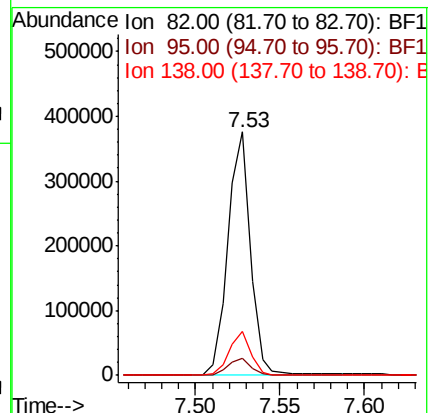
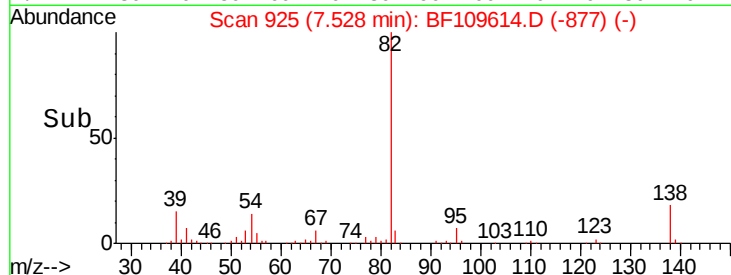
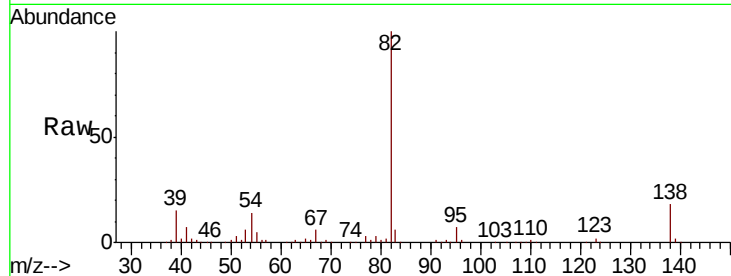
Tot Ion: 82 Resp: 350331

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

138 17.9 14.9 22.3



#26

2-Nitrophenol

Concen: 43.456 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

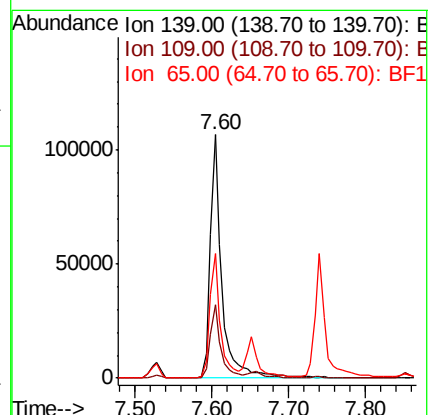
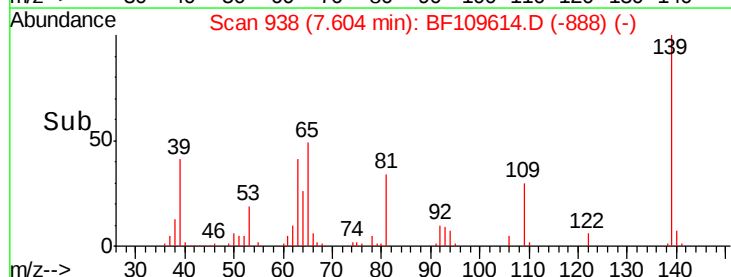
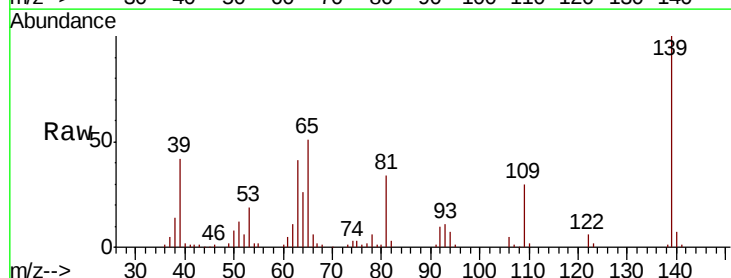
Tgt Ion: 139 Resp: 112175

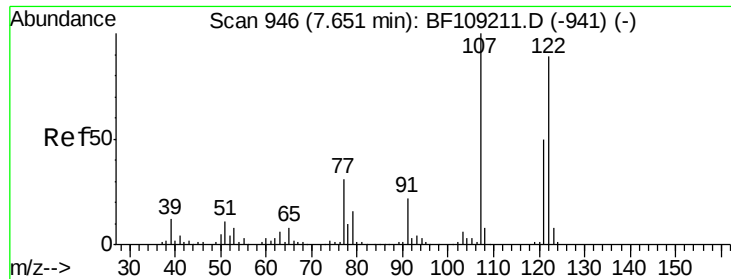
Ion Ratio Lower Upper

139 100

109 30.4 22.7 34.1

65 50.9 40.5 60.7

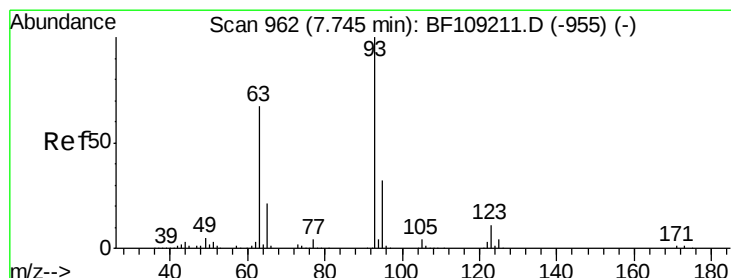
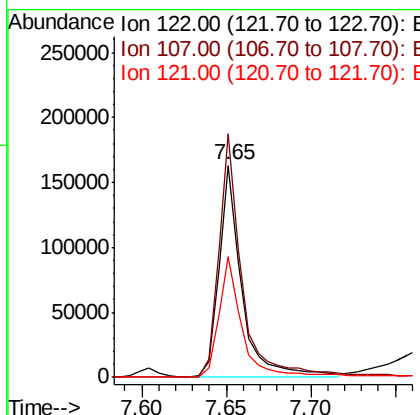
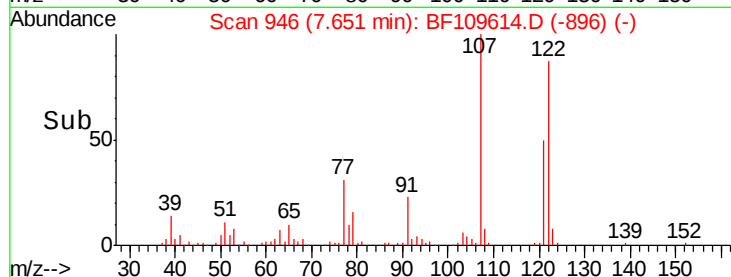
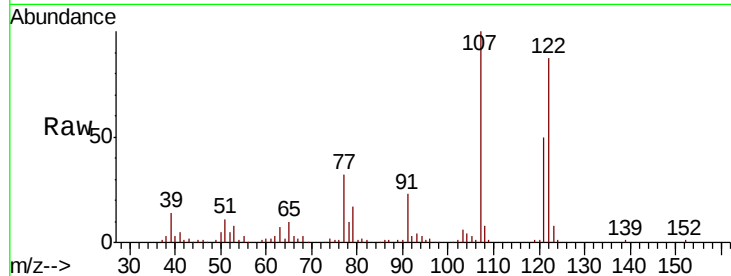




#27
2,4-Dimethylphenol
Concen: 31.826 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

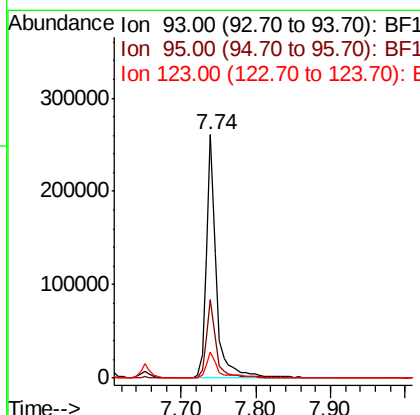
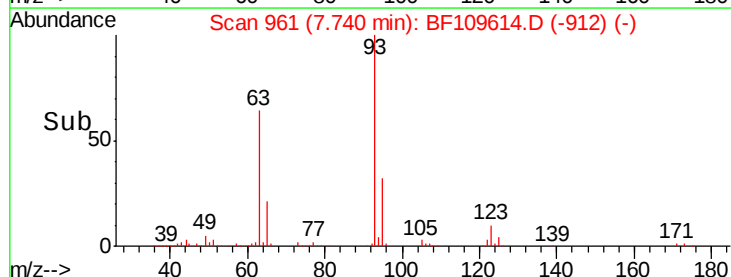
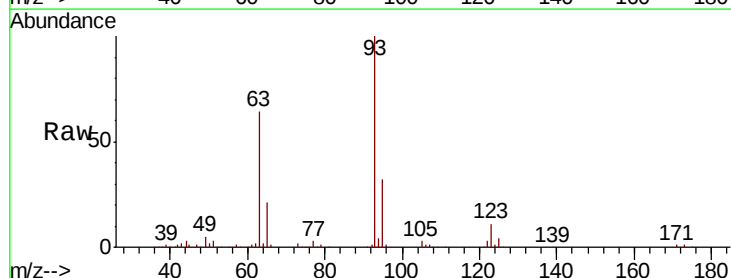
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

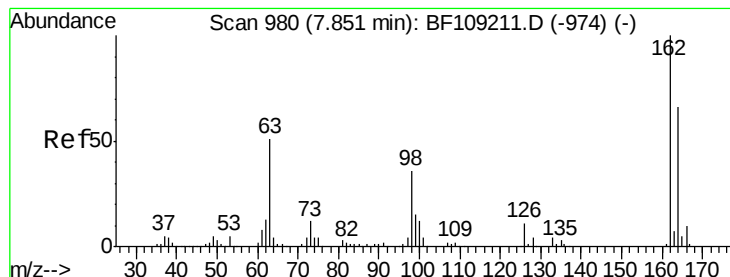
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.9	91.2	136.8
121	56.9	47.2	70.8



#28
bis(2-Chloroethoxy)methane
Concen: 32.831 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.3	39.5
123	10.7	9.8	14.6

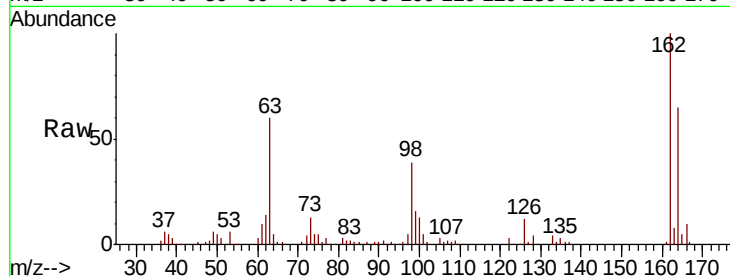




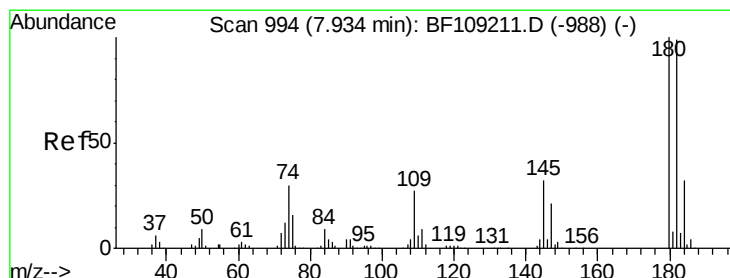
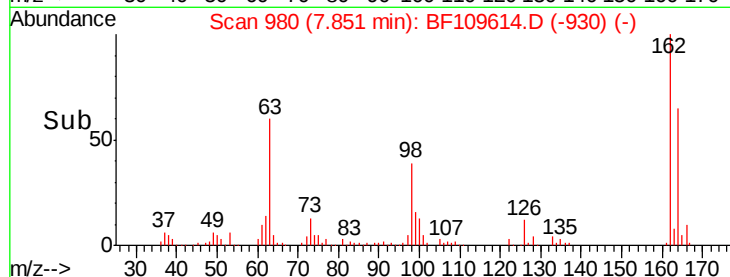
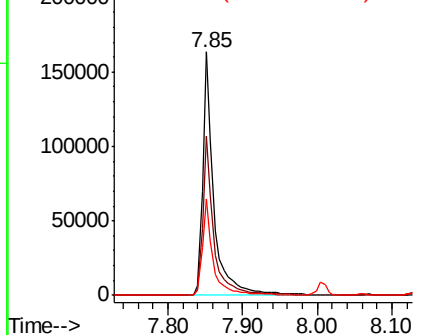
#29
 2,4-Dichlorophenol
 Concen: 34.473 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109614.D
 Acq: 5 Oct 2018 17:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:162 Resp: 174460
 Ion Ratio Lower Upper
 162 100
 164 65.3 42.7 82.7
 98 39.4 18.1 58.1

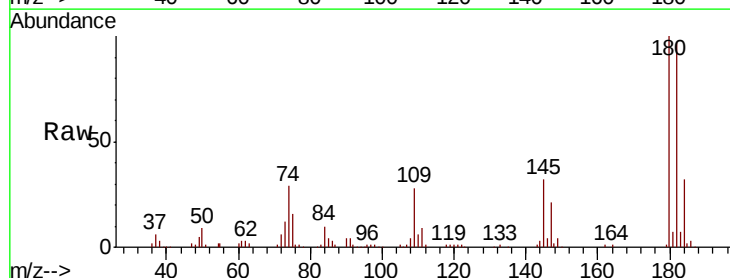


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

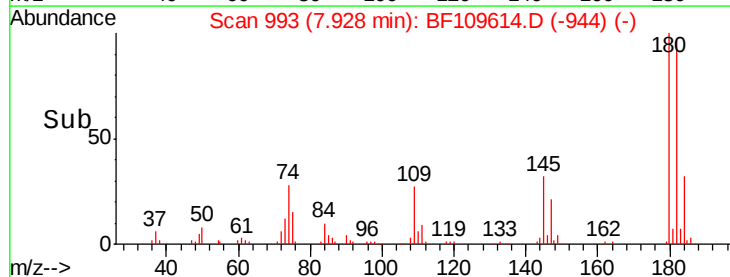
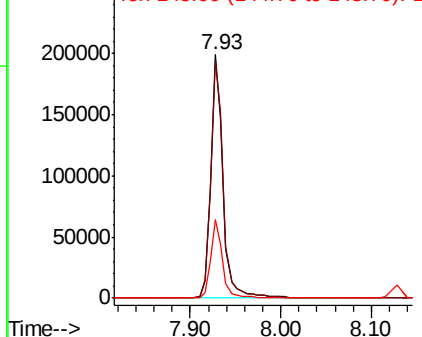


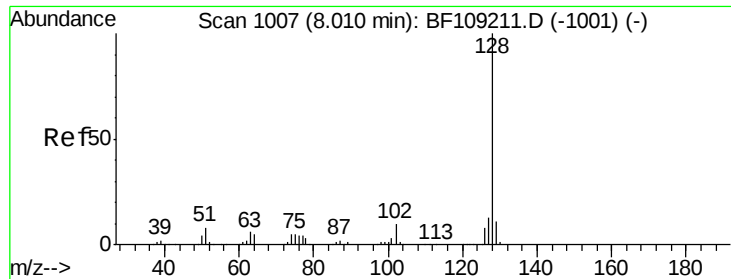
#30
 1,2,4-Trichlorobenzene
 Concen: 33.356 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF109614.D
 Acq: 5 Oct 2018 17:11

Tgt Ion:180 Resp: 188628
 Ion Ratio Lower Upper
 180 100
 182 97.2 76.8 115.2
 145 32.3 26.5 39.7



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

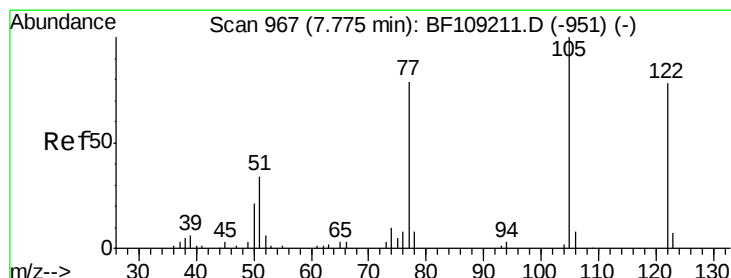
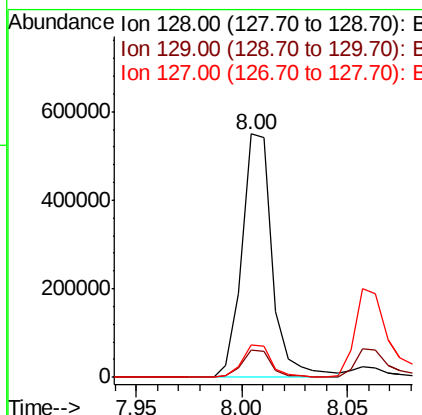
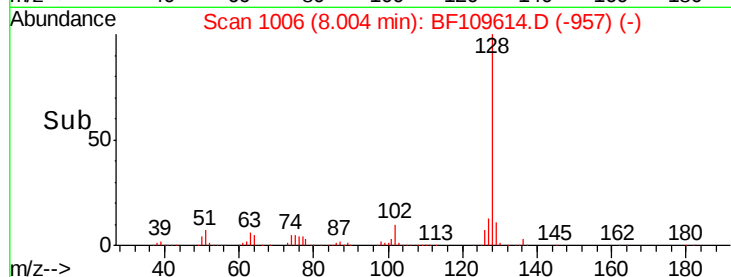
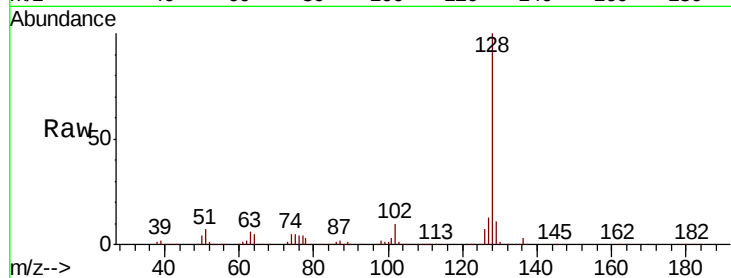




#31
Naphthalene
Concen: 32.561 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

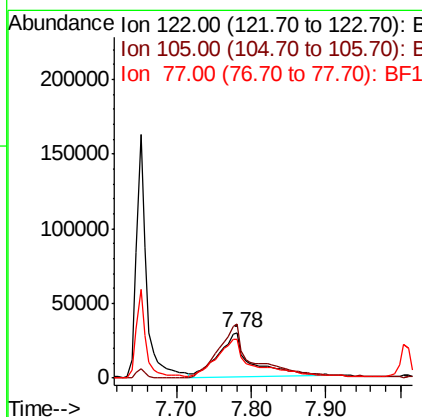
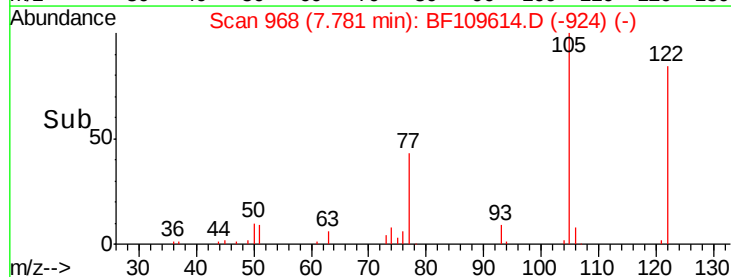
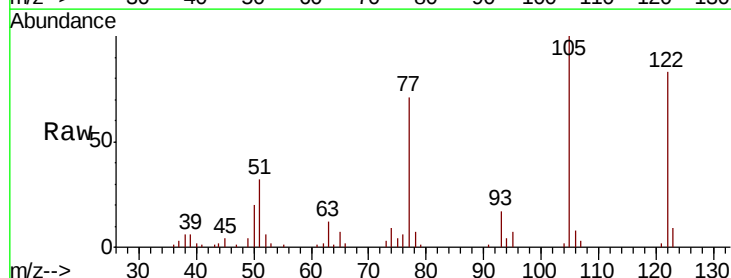
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

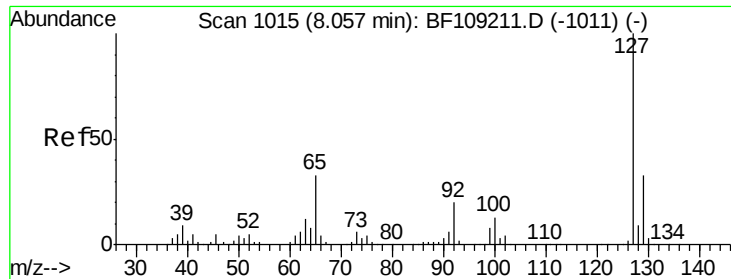
Tot Ion:128 Resp: 551399
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 30.323 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.04 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Tgt Ion:122 Resp: 89711
Ion Ratio Lower Upper
122 100
105 120.6 101.1 141.1
77 86.2 70.7 110.7

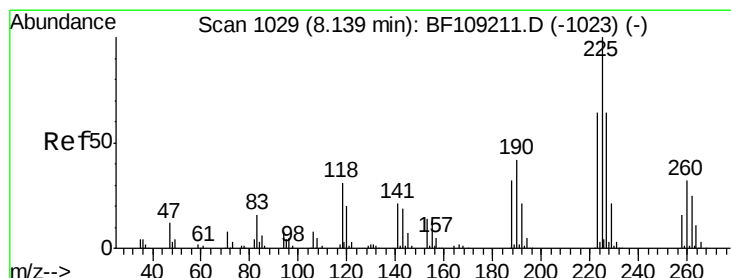
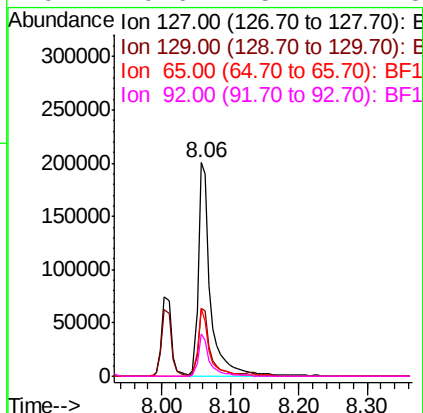
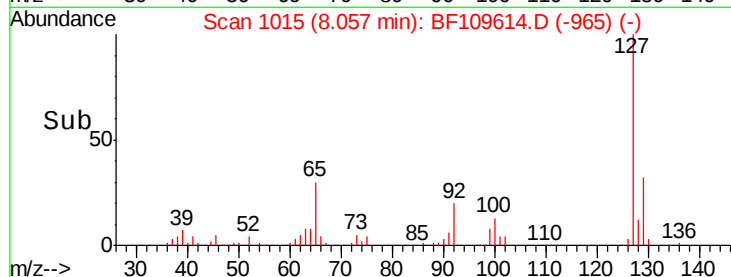
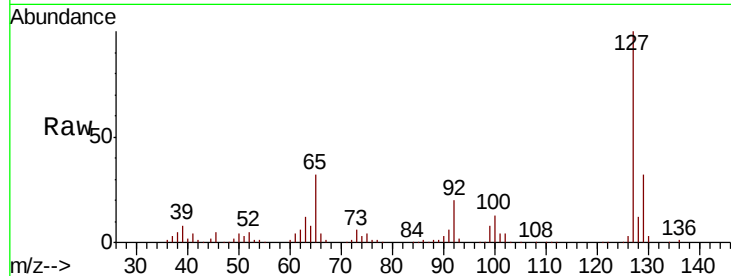




#33
4-Chloroaniline
Concen: 33.766 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

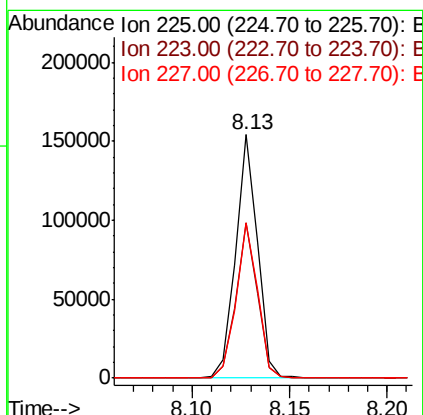
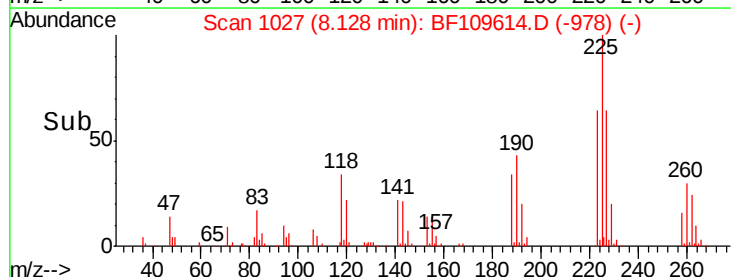
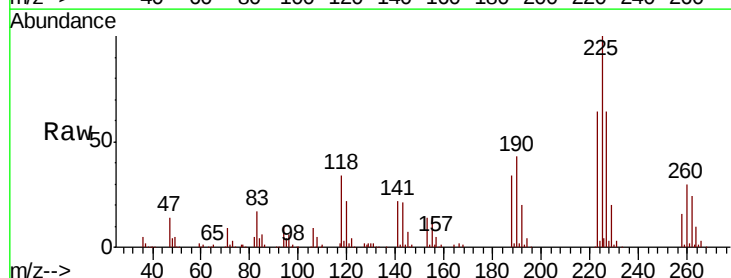
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

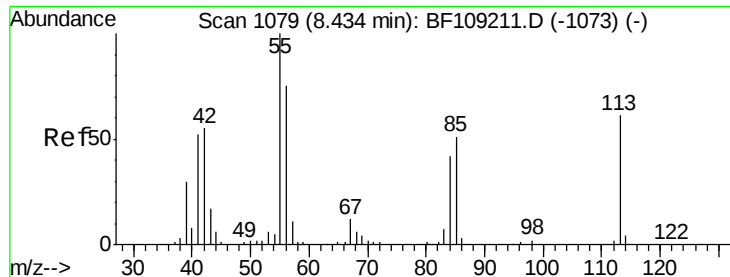
Tot Ion:	127	Resp:	249795
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	31.5	25.0	37.4
92	19.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 35.002 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Tgt Ion:	225	Resp:	119325
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	63.8	51.9	77.9

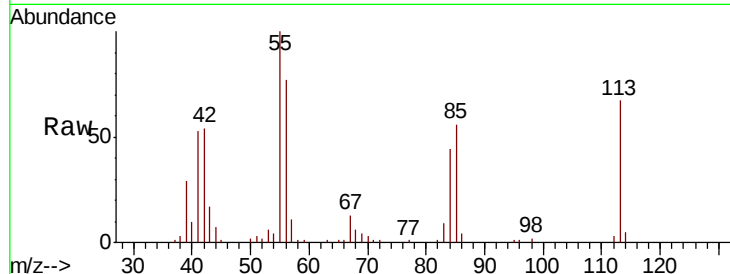




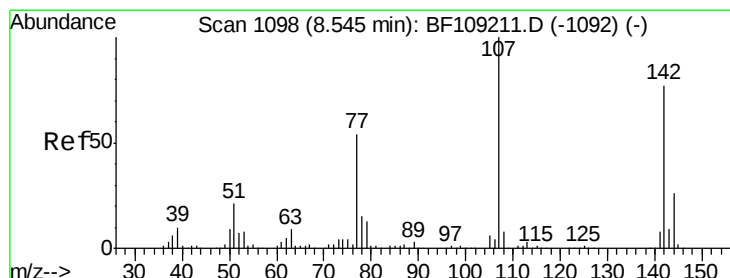
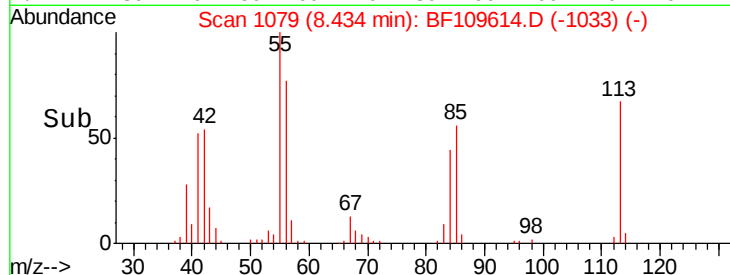
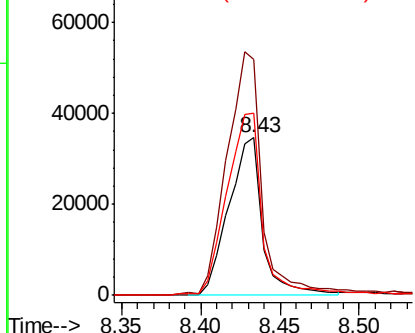
#35
Caprolactam
Concen: 31.651 ng
RT: 8.43 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:113 Resp: 51140
Ion Ratio Lower Upper
113 100
55 149.9 163.3 203.3#
56 115.6 115.7 155.7#

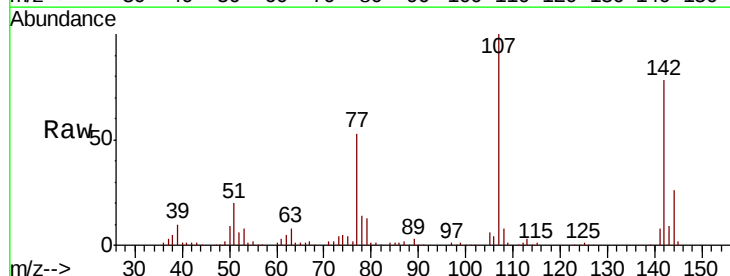


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

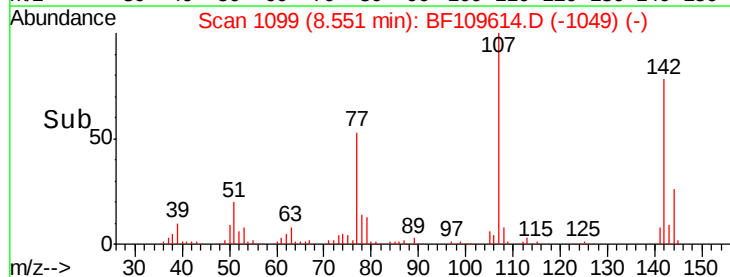
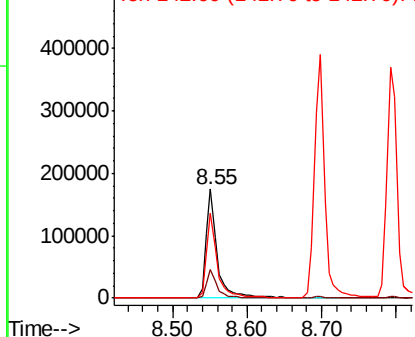


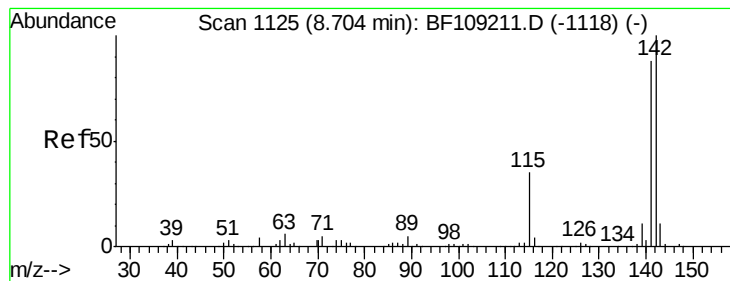
#36
4-Chloro-3-methylphenol
Concen: 34.496 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Tgt Ion:107 Resp: 183706
Ion Ratio Lower Upper
107 100
144 25.9 20.5 30.7
142 77.5 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 33.620 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

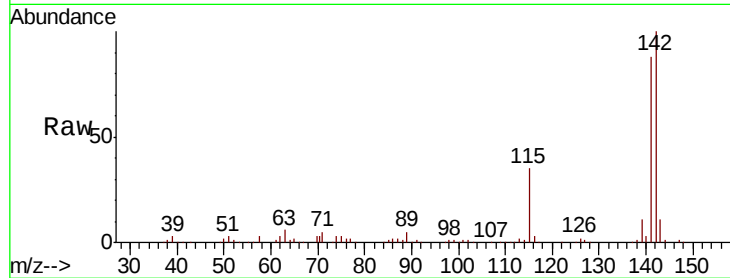
Tot Ion:142 Resp: 367020

Ion Ratio Lower Upper

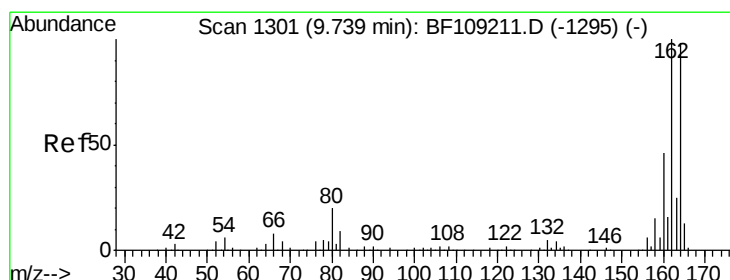
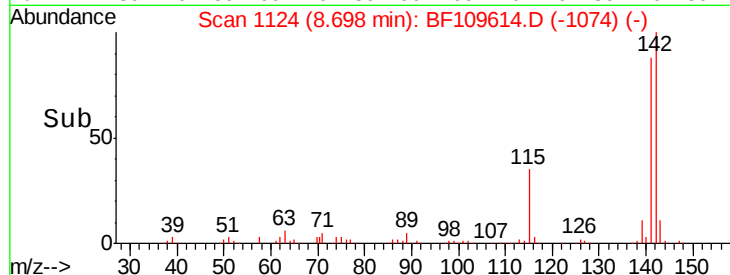
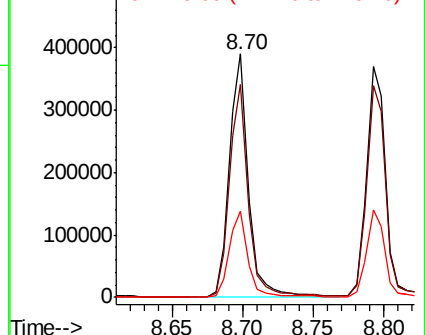
142 100

141 87.5 70.8 106.2

115 35.5 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

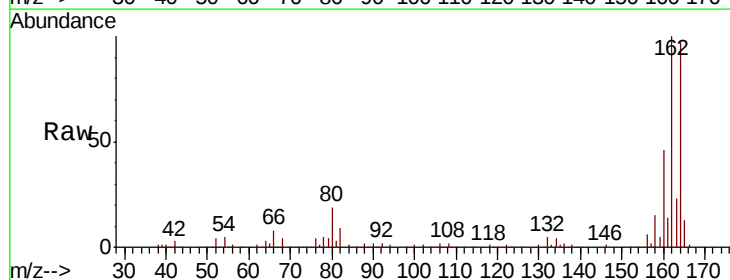
Tgt Ion:164 Resp: 175556

Ion Ratio Lower Upper

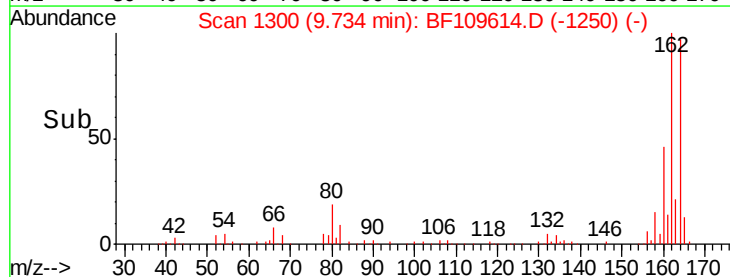
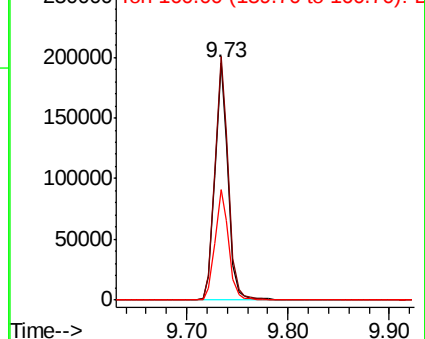
164 100

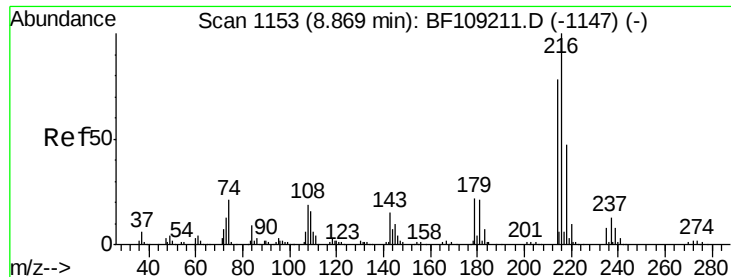
162 102.6 86.1 129.1

160 46.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.969 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:216 Resp: 195375

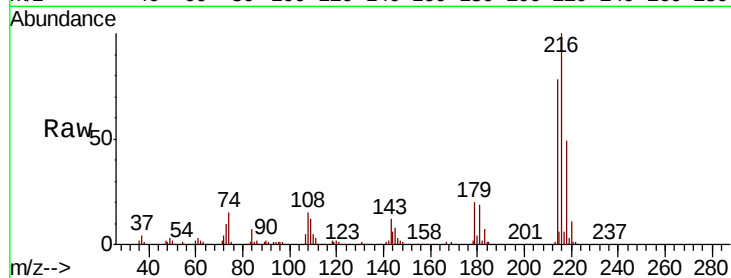
Ion Ratio Lower Upper

216 100

214 78.1 63.0 94.4

179 21.0 18.1 27.1

108 17.9 17.2 25.8

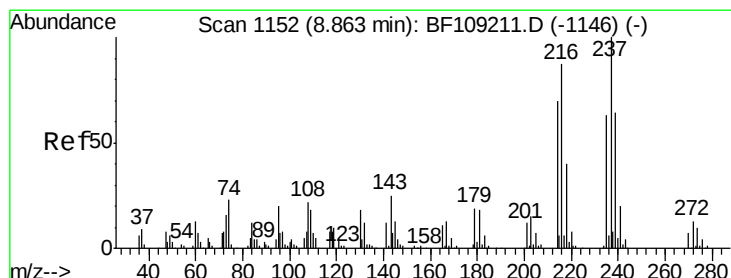
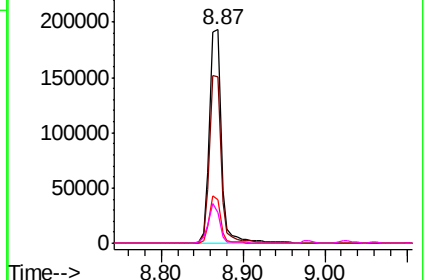
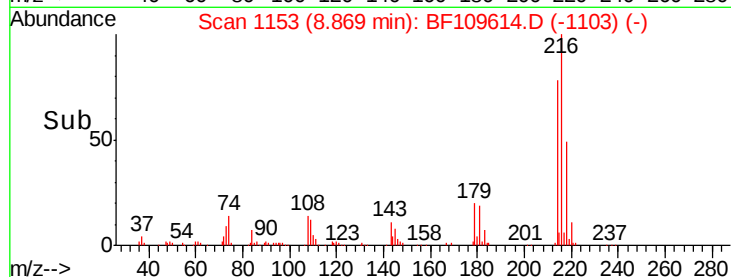


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 26.943 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

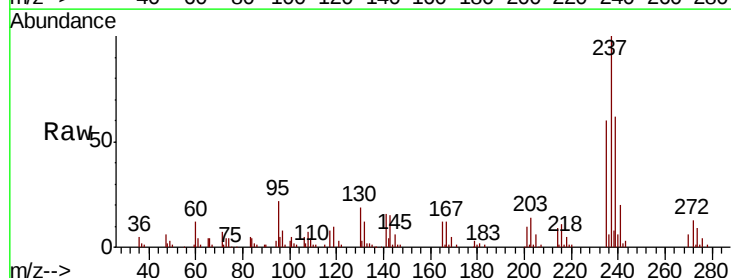
Tgt Ion:237 Resp: 65658

Ion Ratio Lower Upper

237 100

235 60.4 44.8 84.8

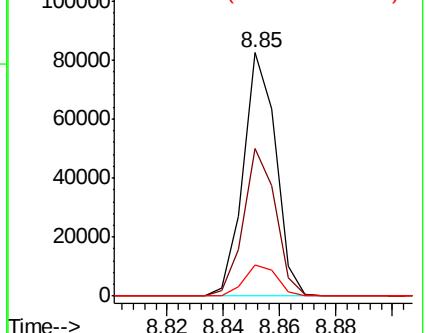
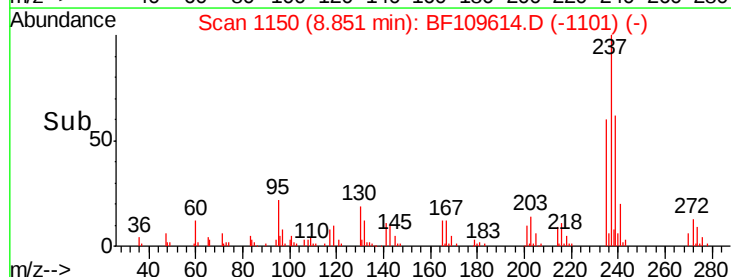
272 13.0 0.0 33.3

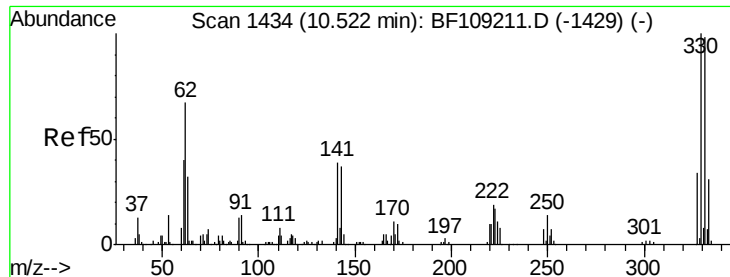


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

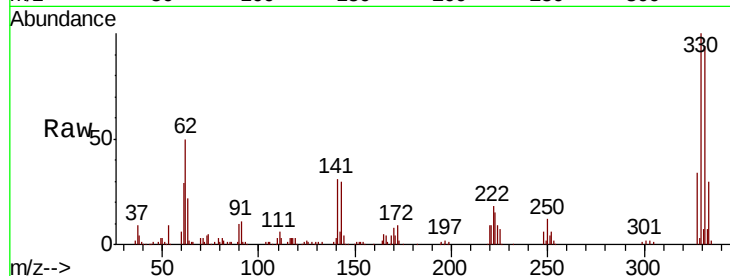




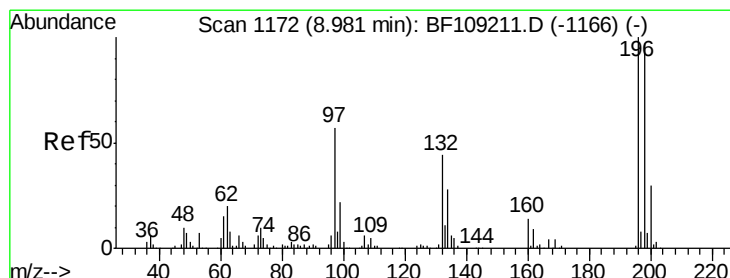
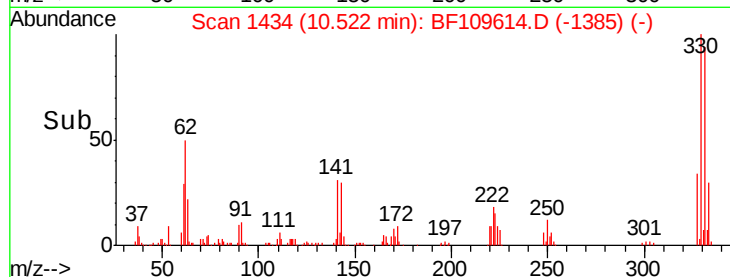
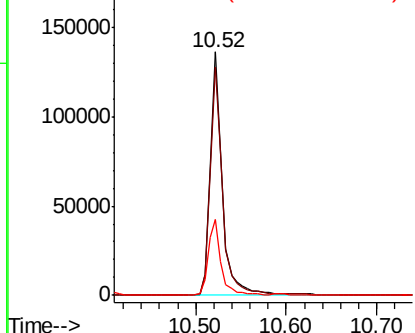
#41
 2,4,6-Tribromophenol
 Concen: 76.007 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109614.D
 Acq: 5 Oct 2018 17:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040EC

Tot Ion:330 Resp: 131539
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 32.4 29.9 44.9

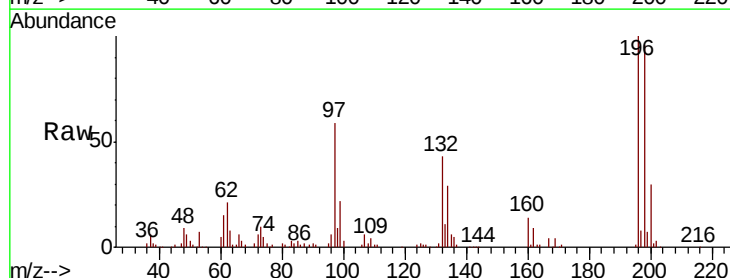


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

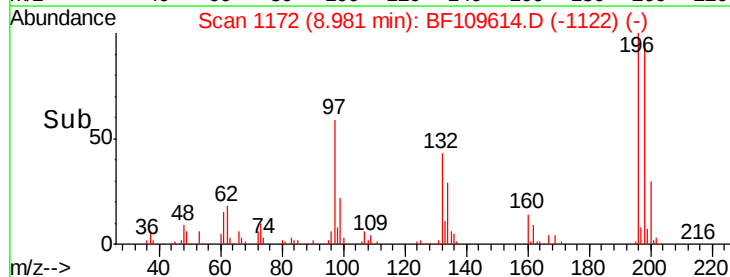
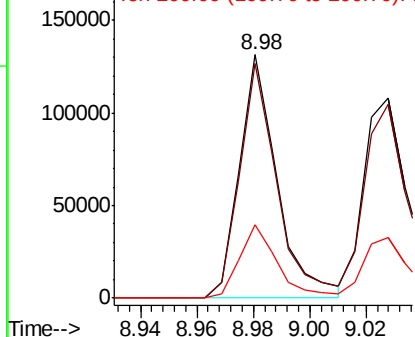


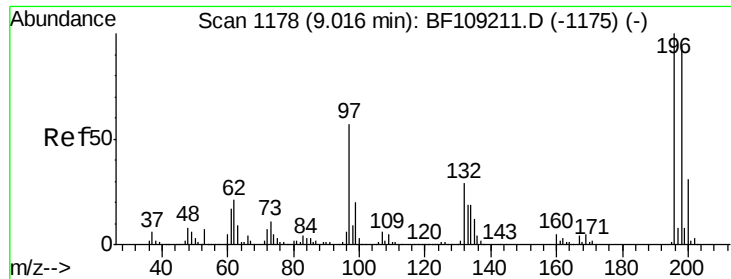
#42
 2,4,6-Trichlorophenol
 Concen: 33.864 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF109614.D
 Acq: 5 Oct 2018 17:11

Tgt Ion:196 Resp: 121430
 Ion Ratio Lower Upper
 196 100
 198 96.5 75.7 113.5
 200 30.3 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

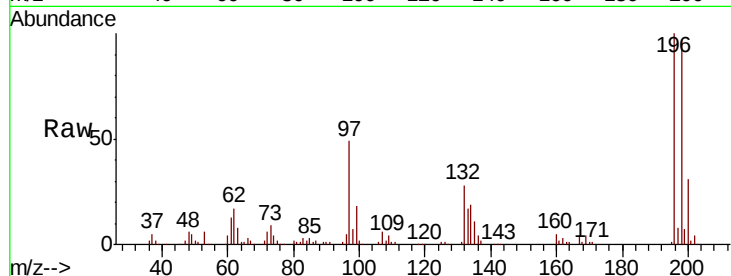




#43
 2,4,5-Trichlorophenol
 Concen: 36.023 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF109614.D
 Acq: 5 Oct 2018 17:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	196	Resp	136424
Ion Ratio	Lower	Upper	
196	100		
198	96.6	74.6	112.0
97	48.8	42.9	64.3
132	27.8	26.3	39.5



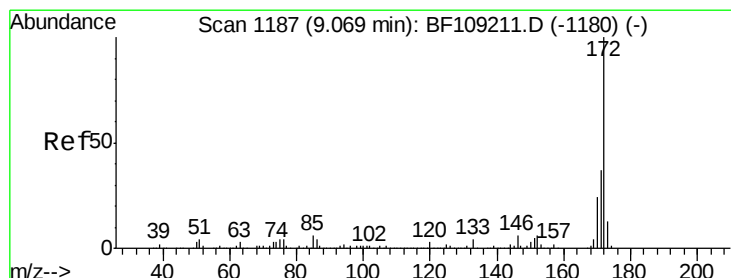
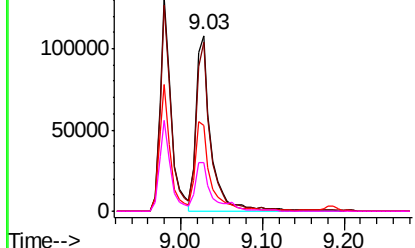
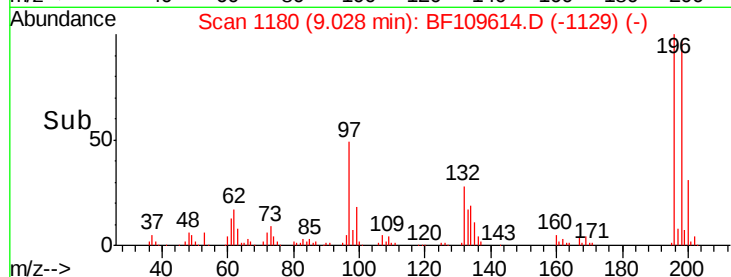
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

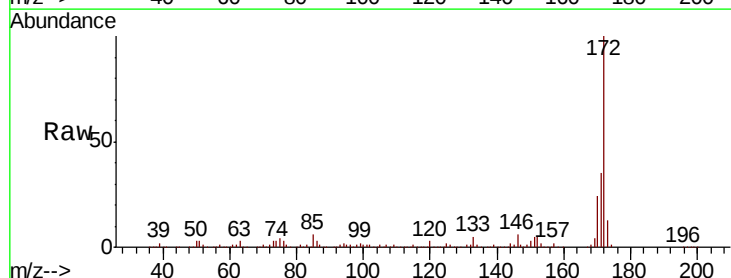
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.291 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109614.D
 Acq: 5 Oct 2018 17:11

Tgt Ion	172	Resp	829840
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.7	44.5
170	24.1	19.6	29.4

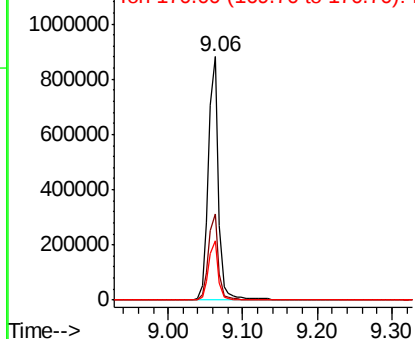
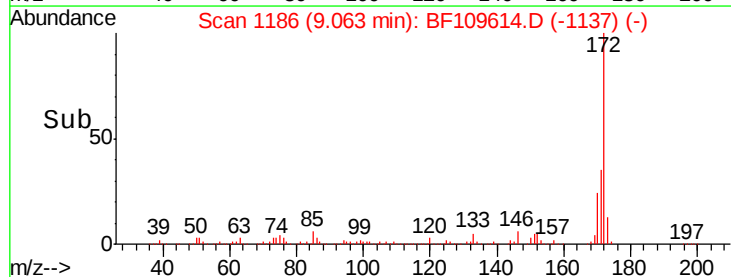


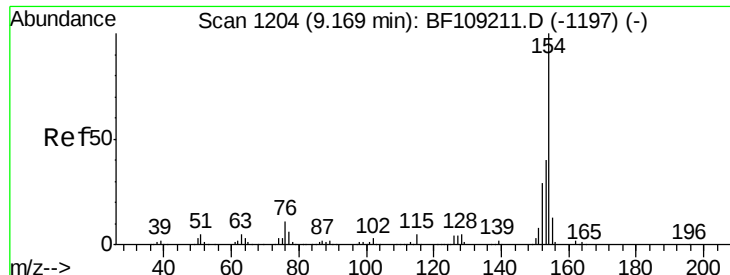
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

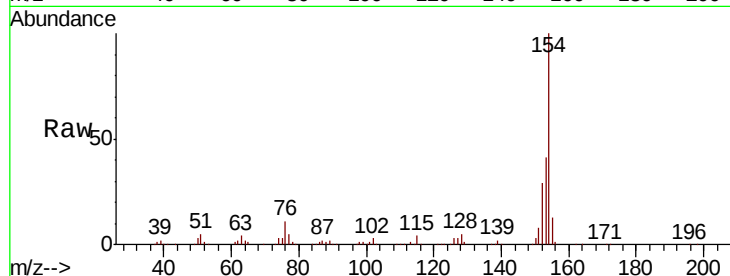




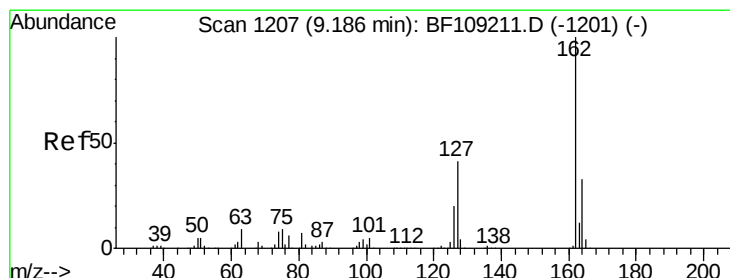
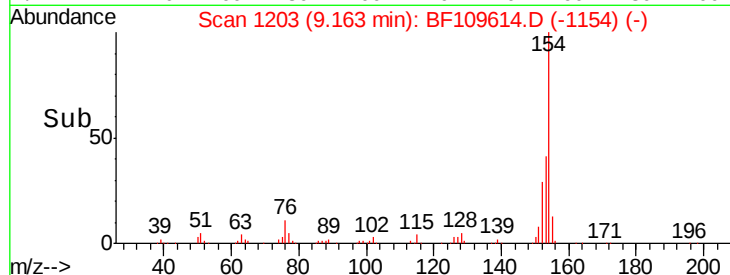
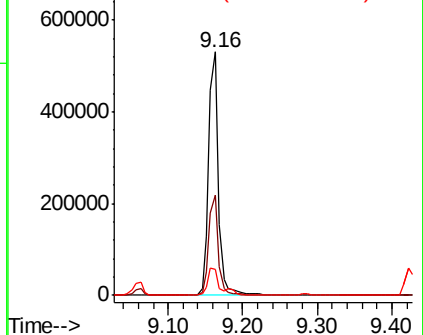
#45
 1,1'-Biphenyl
 Concen: 34.140 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF109614.D
 Acq: 5 Oct 2018 17:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:154 Resp: 488321
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.3 61.3
 76 10.8 0.0 34.0

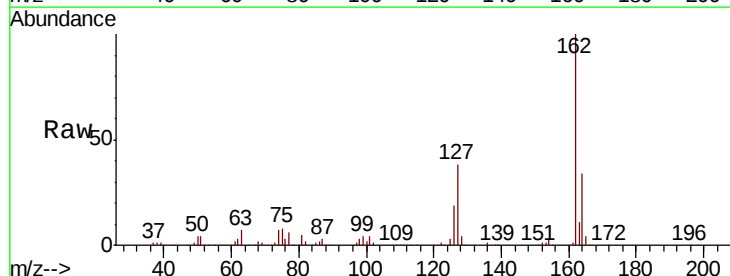


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

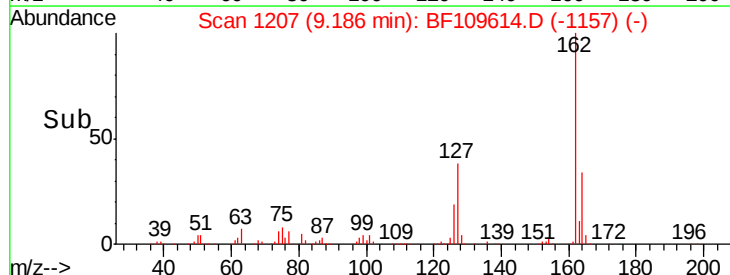
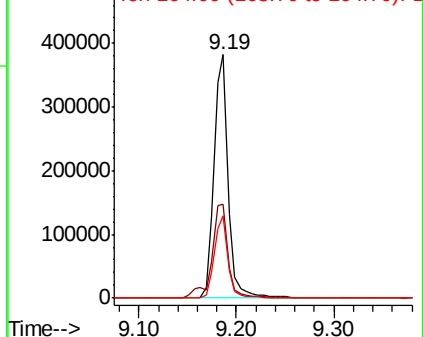


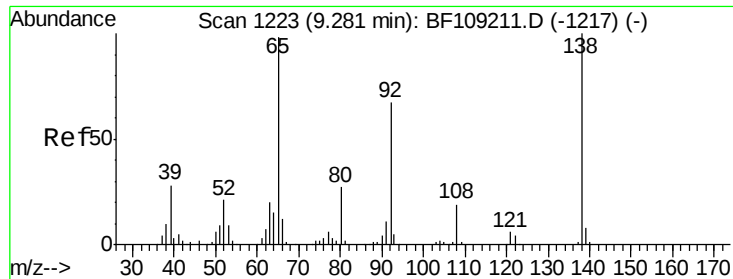
#46
 2-Chloronaphthalene
 Concen: 33.666 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF109614.D
 Acq: 5 Oct 2018 17:11

Tgt Ion:162 Resp: 384700
 Ion Ratio Lower Upper
 162 100
 127 38.4 33.9 50.9
 164 33.6 26.5 39.7



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

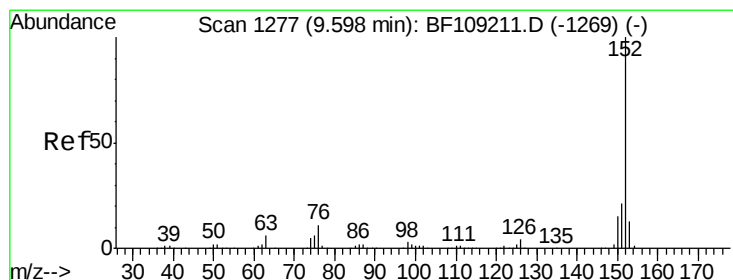
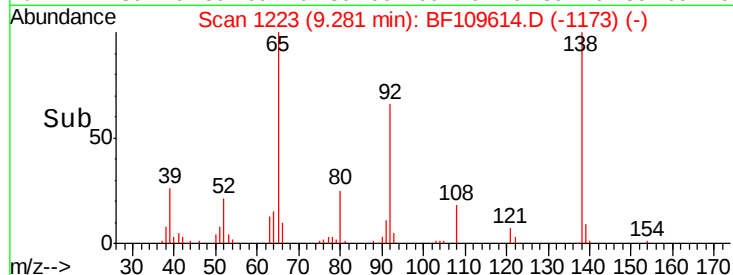
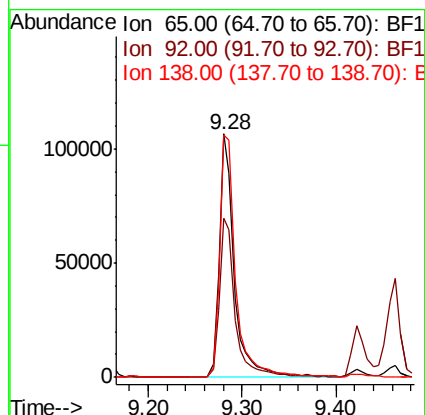
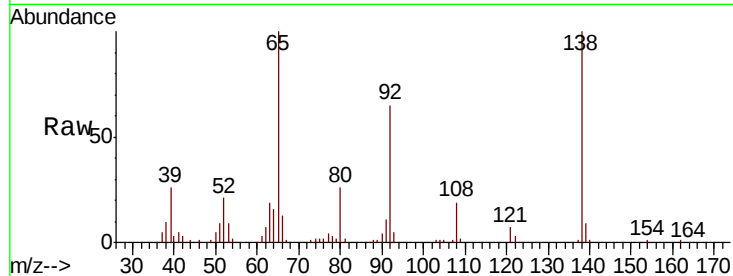




#47
2-Nitroaniline
Concen: 36.928 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

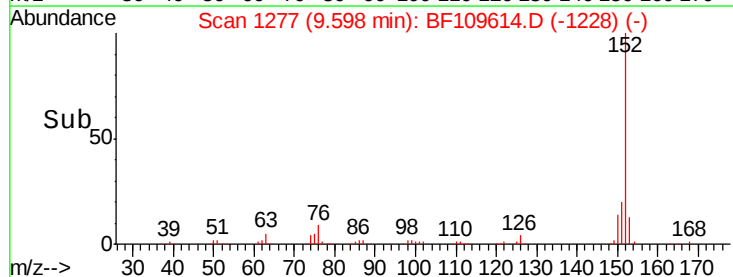
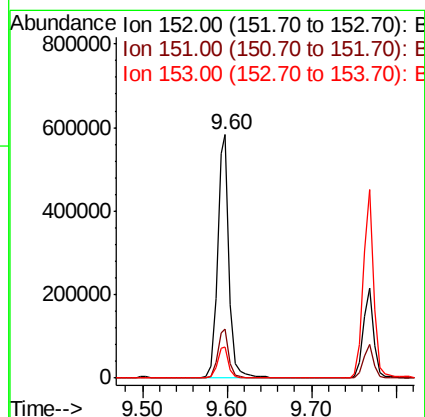
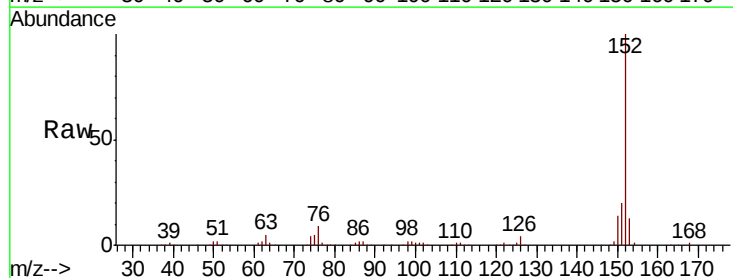
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

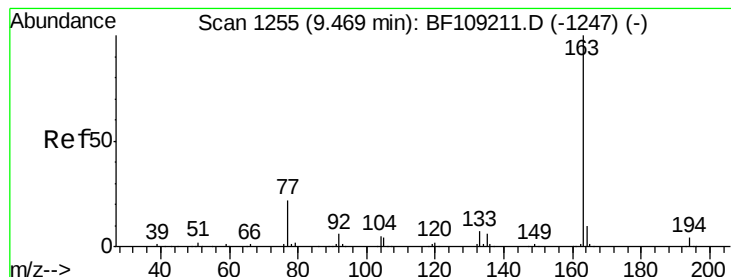
Tot Ion: 65 Resp: 119637
Ion Ratio Lower Upper
65 100
92 65.5 55.8 83.6
138 99.7 91.2 136.8



#48
Acenaphthylene
Concen: 33.072 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Tgt Ion: 152 Resp: 570105
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.0 10.7 16.1





#49

Dimethylphthalate

Concen: 33.910 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

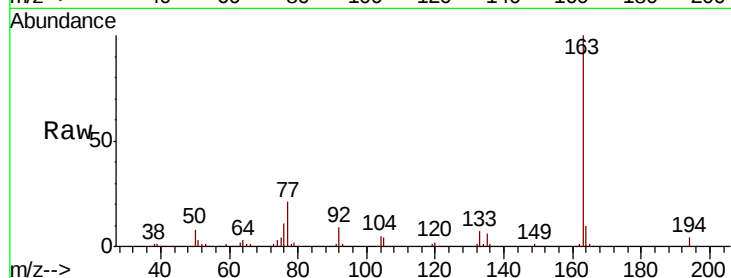
Tot Ion:163 Resp: 432985

Ion Ratio Lower Upper

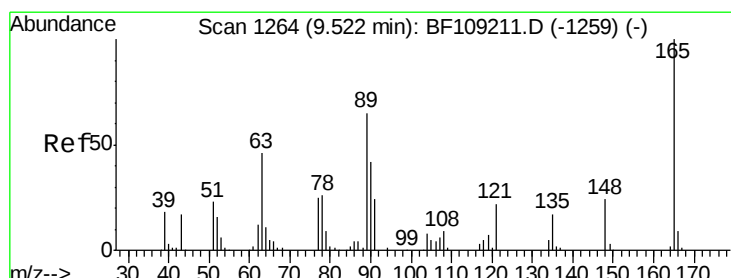
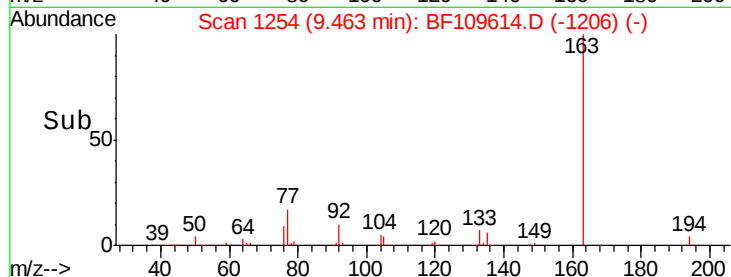
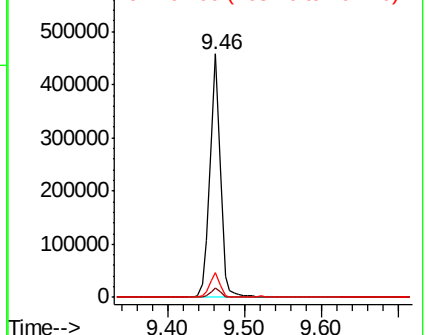
163 100

194 3.9 2.7 4.1

164 10.2 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 37.520 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

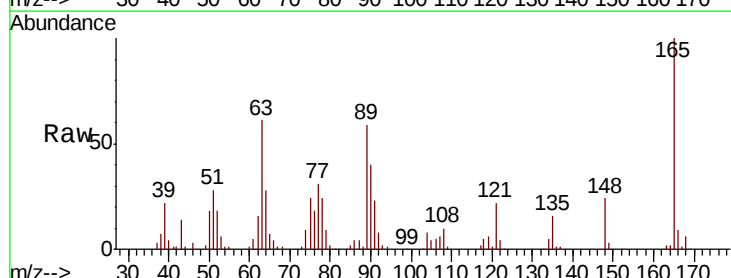
Tgt Ion:165 Resp: 94884

Ion Ratio Lower Upper

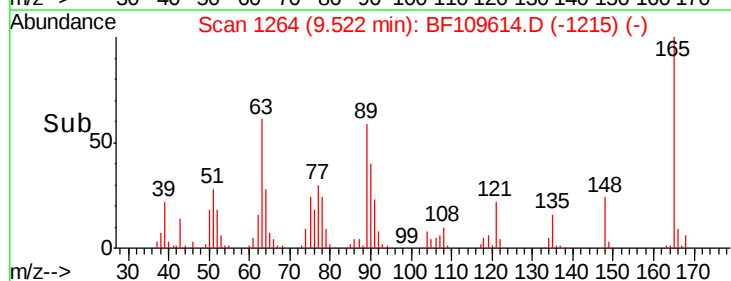
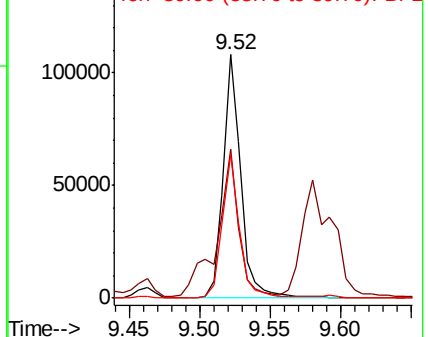
165 100

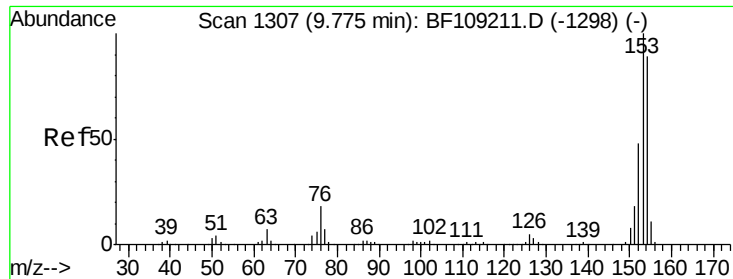
63 61.1 44.7 67.1

89 58.8 44.0 66.0



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





#51

Acenaphthene

Concen: 31.693 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

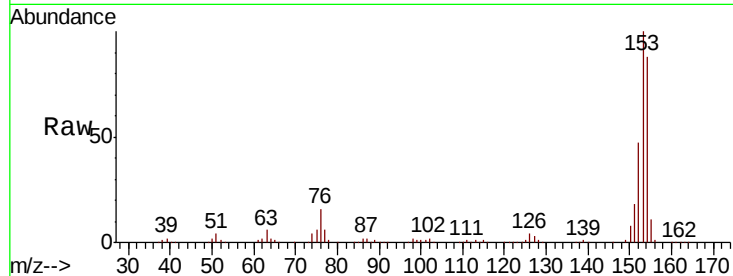
Tot Ion:154 Resp: 330312

Ion Ratio Lower Upper

154 100

153 113.4 91.2 136.8

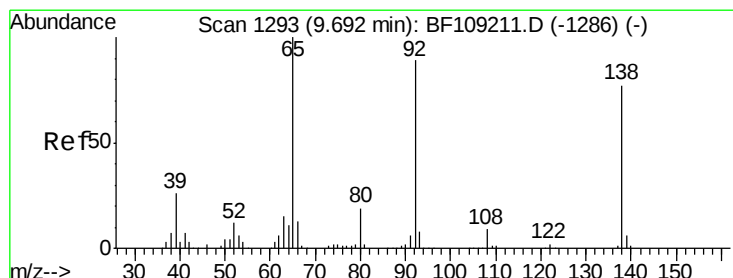
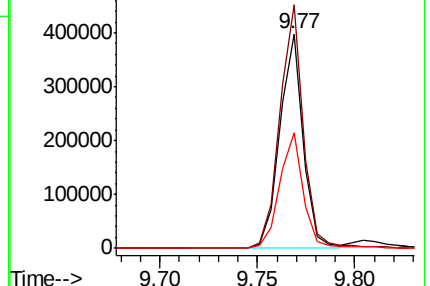
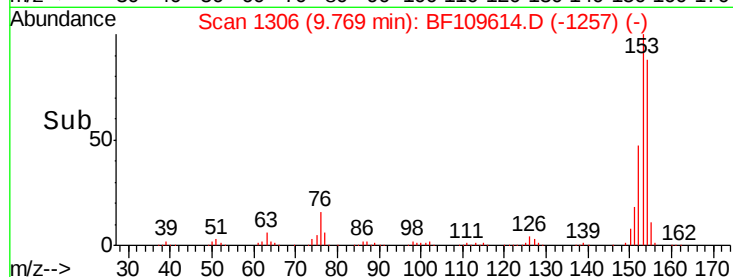
152 53.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.555 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

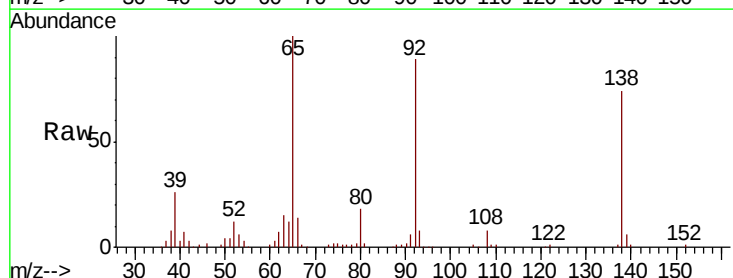
Tgt Ion:138 Resp: 107058

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

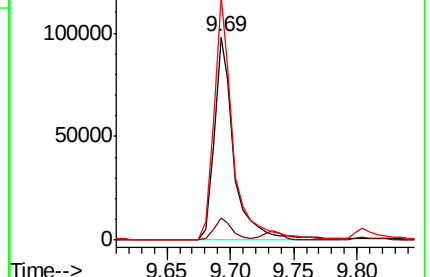
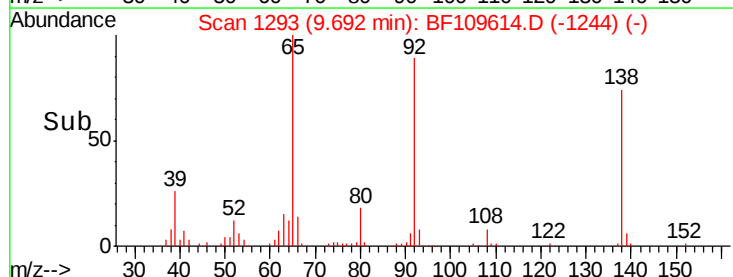
92 120.1 89.4 134.2

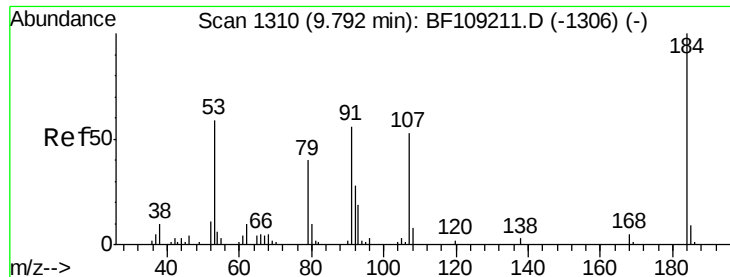


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

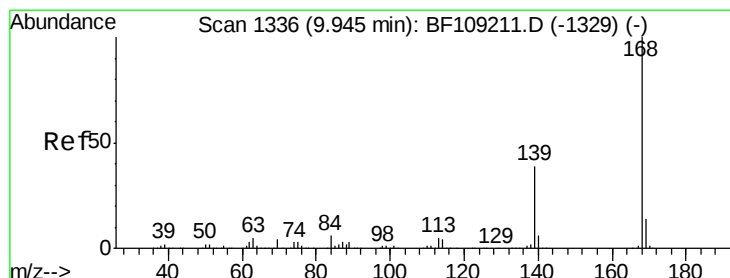
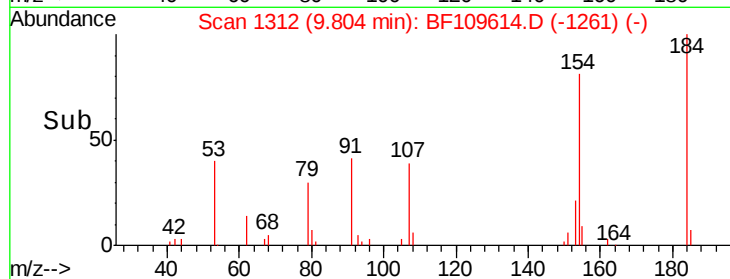
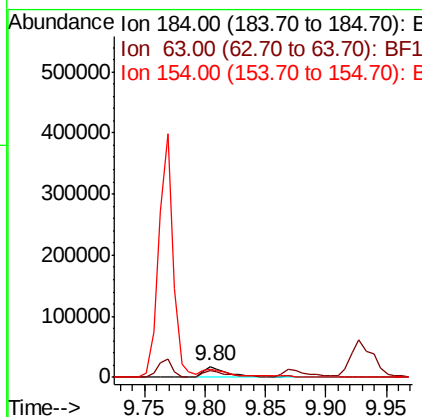
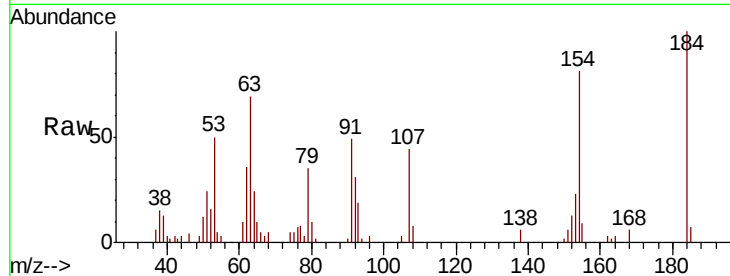




#53
 2,4-Dinitrophenol
 Concen: 35.595 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF109614.D
 Acq: 5 Oct 2018 17:11

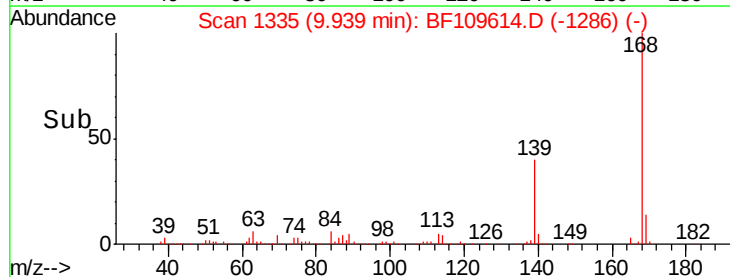
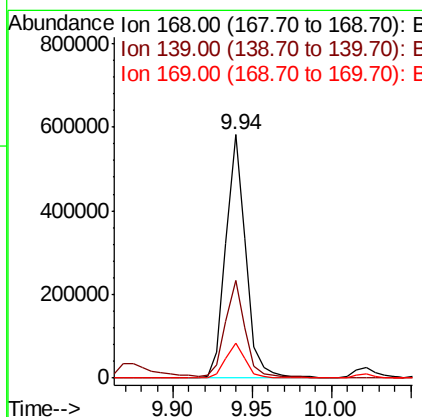
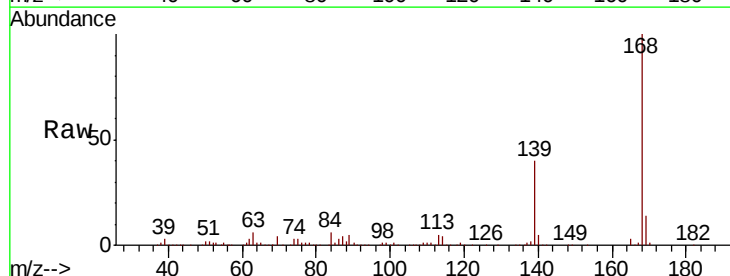
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

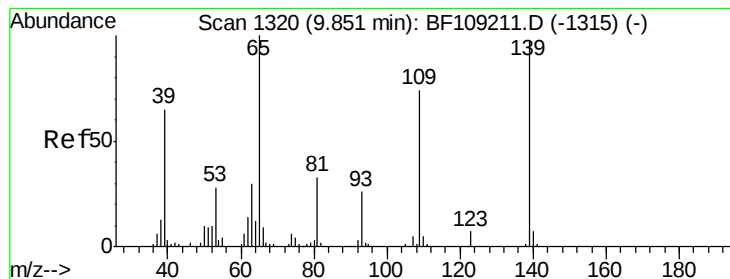
Tot Ion:184 Resp: 27185
 Ion Ratio Lower Upper
 184 100
 63 69.0 54.2 81.2
 154 81.2 184.0 276.0#



#54
 Dibenzofuran
 Concen: 33.037 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF109614.D
 Acq: 5 Oct 2018 17:11

Tgt Ion:168 Resp: 512073
 Ion Ratio Lower Upper
 168 100
 139 40.1 30.1 45.1
 169 14.4 10.9 16.3





#55

4-Nitrophenol

Concen: 26.305 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

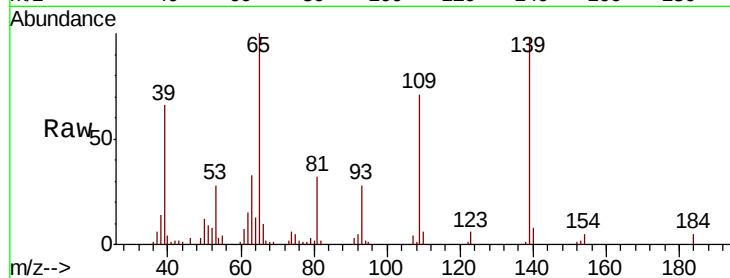
Tot Ion:139 Resp: 58034

Ion Ratio Lower Upper

139 100

109 72.2 48.4 88.4

65 102.3 72.6 112.6

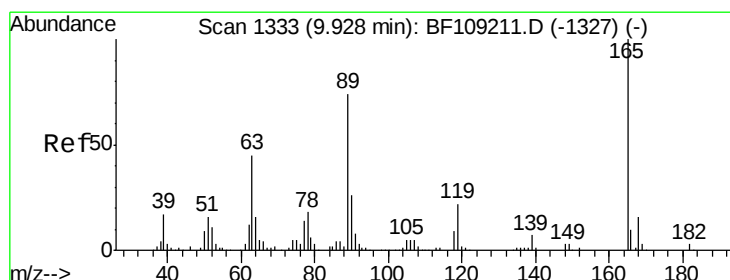
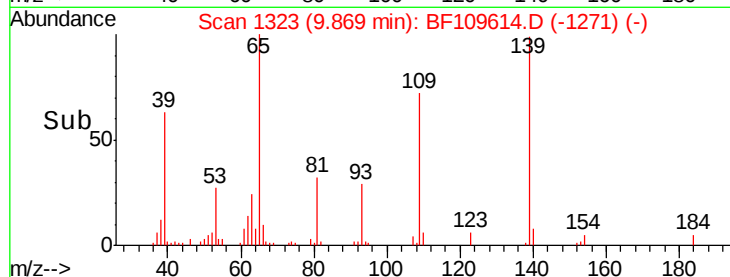
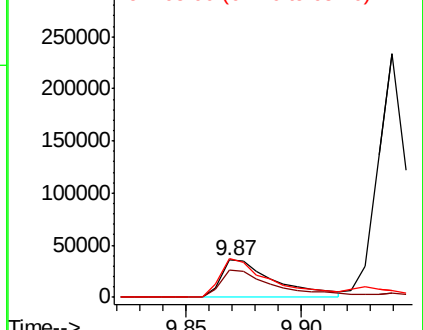


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 38.356 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

Tgt Ion:165 Resp: 122731

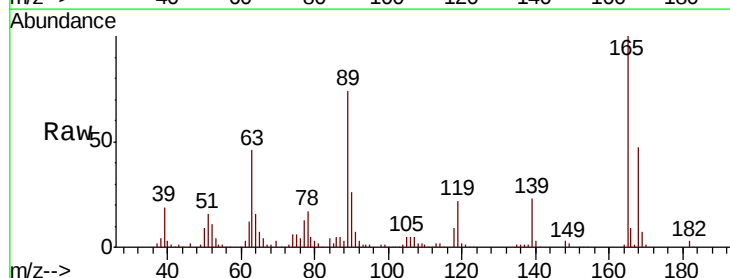
Ion Ratio Lower Upper

165 100

63 46.4 36.4 54.6

89 73.5 57.8 86.6

182 2.7 1.6 2.4#



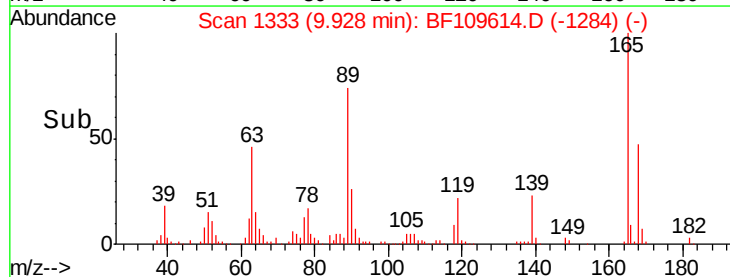
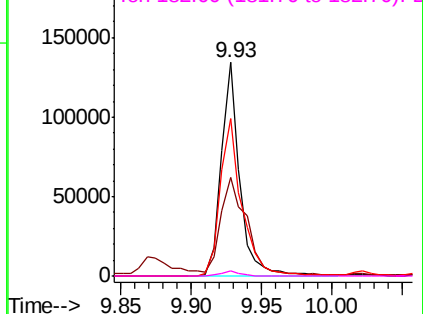
Abundance

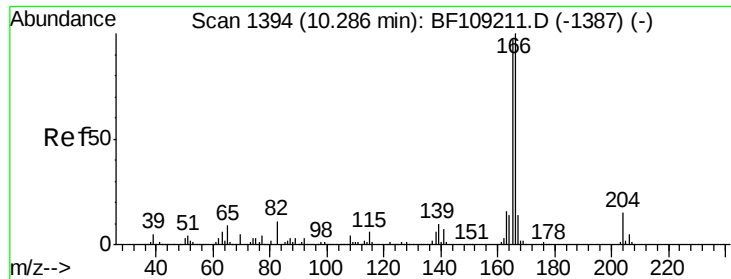
Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: 34.610 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

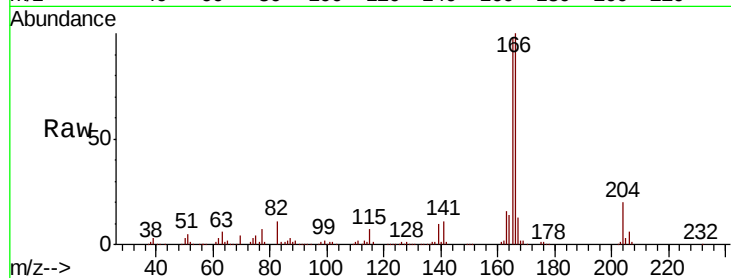
Tot Ion:166 Resp: 382755

Ion Ratio Lower Upper

166 100

165 98.0 79.8 119.8

167 13.1 10.6 16.0

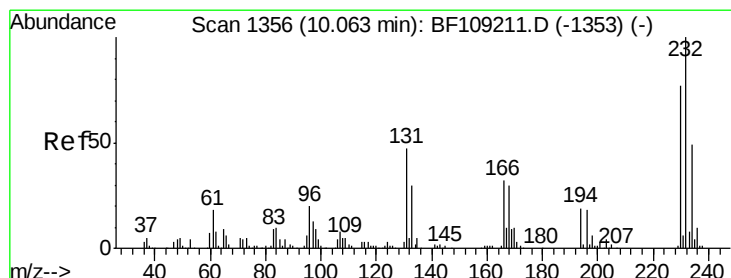
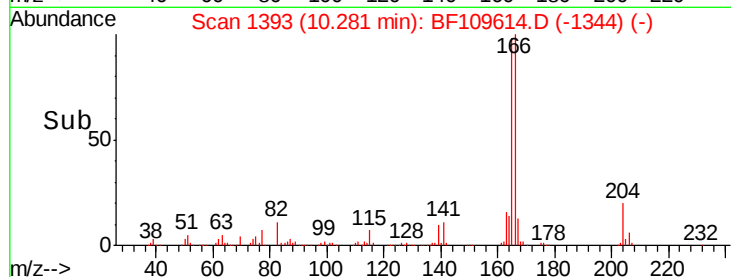
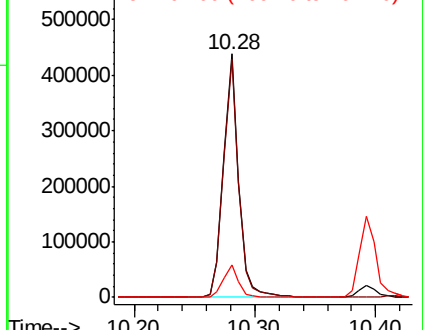


Abundance

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.371 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

Tgt Ion:232 Resp: 106065

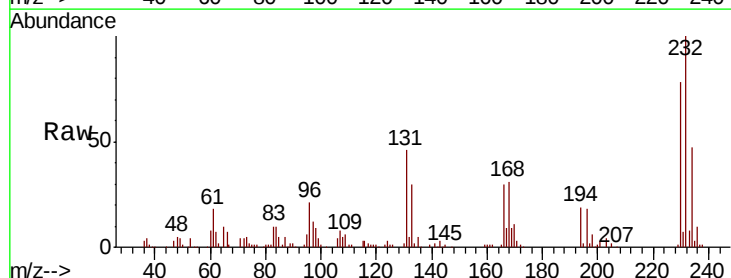
Ion Ratio Lower Upper

232 100

131 44.0 43.8 65.8

130 2.2 2.1 3.1

166 29.3 27.8 41.6



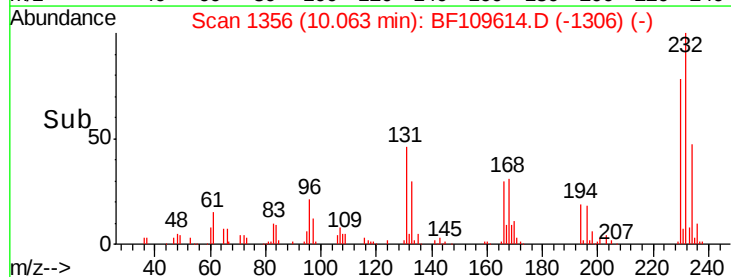
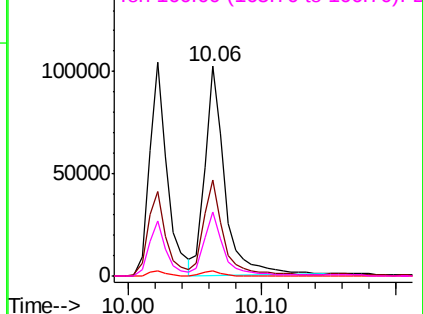
Abundance

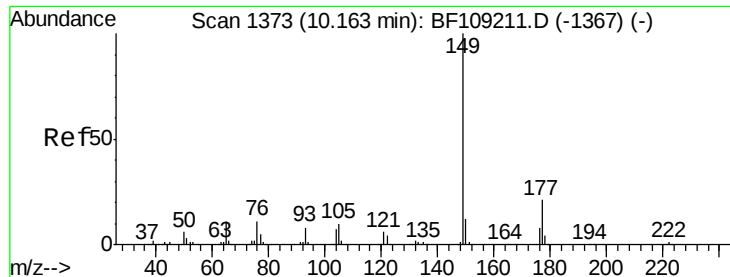
Ion 232.00 (231.70 to 232.70): E

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

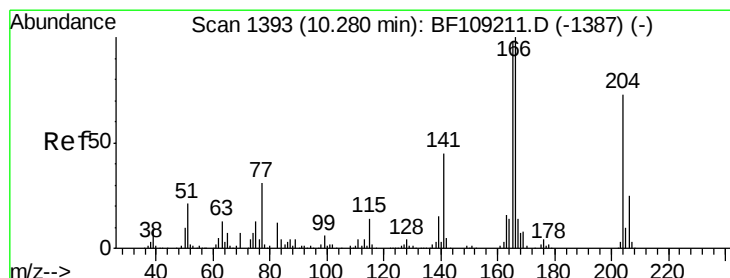
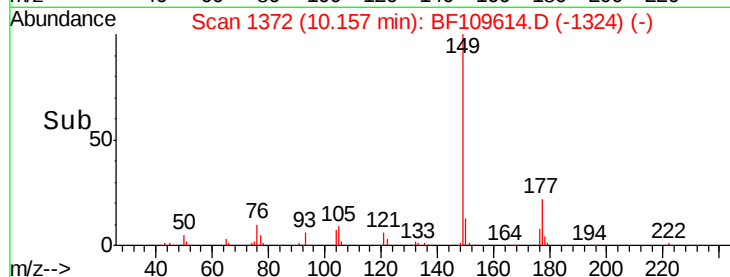
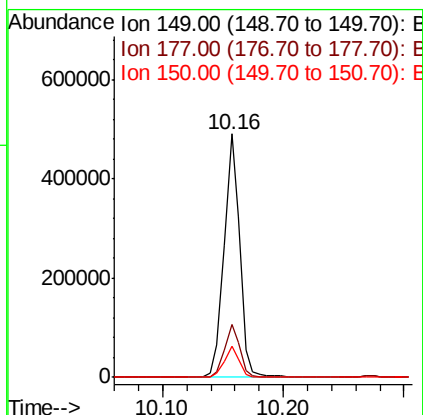
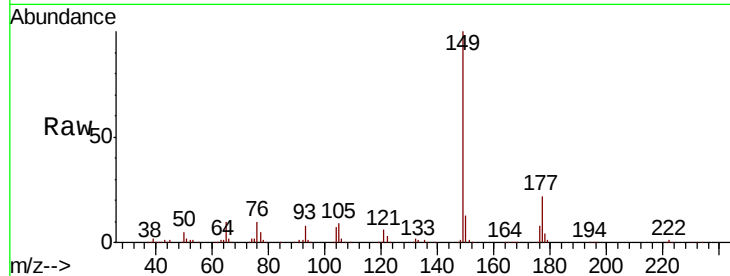




#59
Diethylphthalate
Concen: 33.998 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

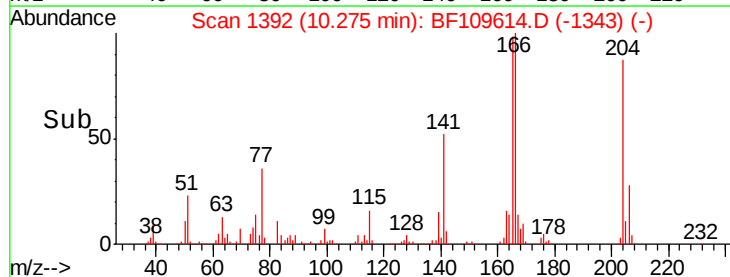
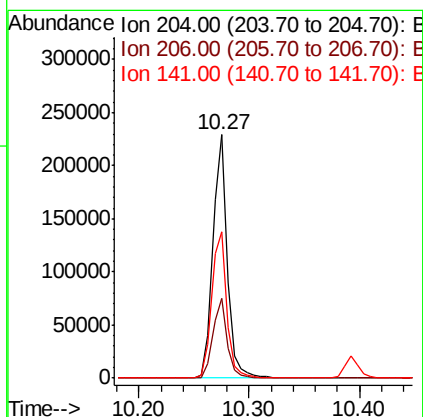
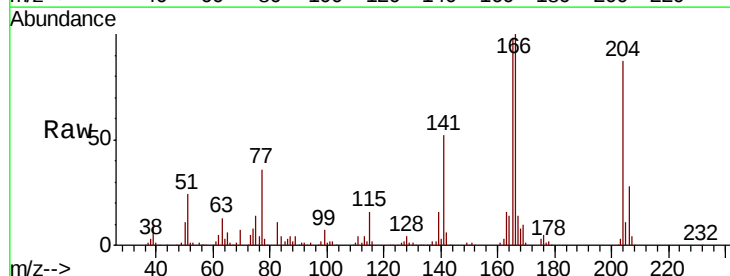
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

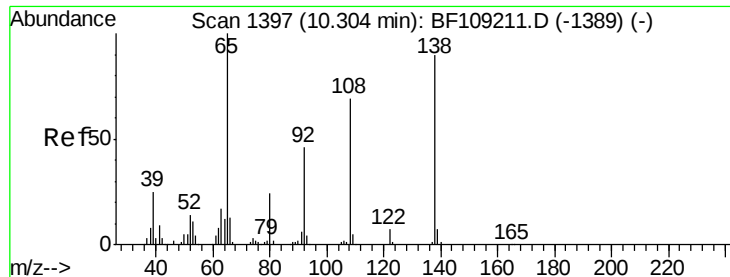
Tot Ion:149 Resp: 439601
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 35.063 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Tgt Ion:204 Resp: 202535
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 60.0 54.6 81.8

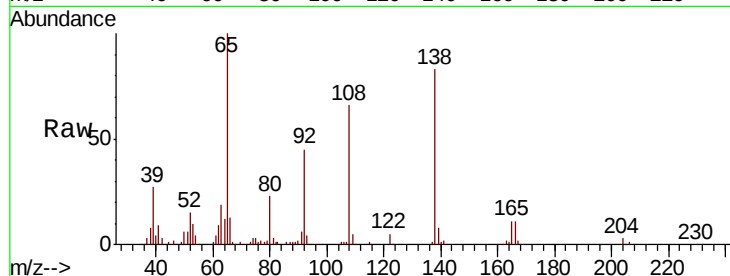




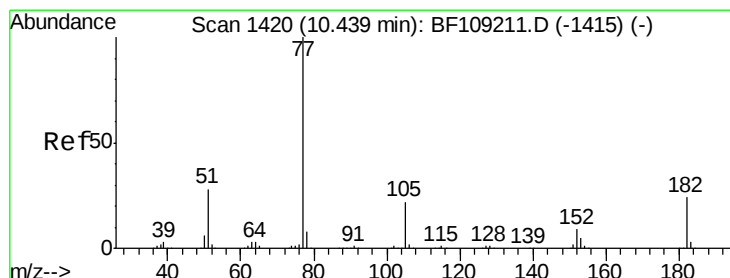
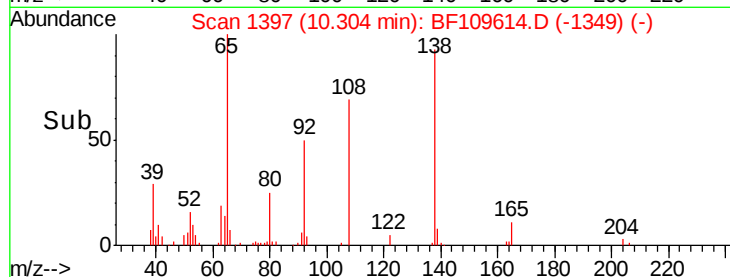
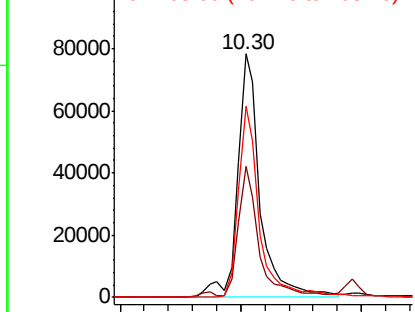
#61
4-Nitroaniline
Concen: 35.719 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:138 Resp: 102018
Ion Ratio Lower Upper
138 100
92 54.0 30.2 70.2
108 78.7 52.5 92.5

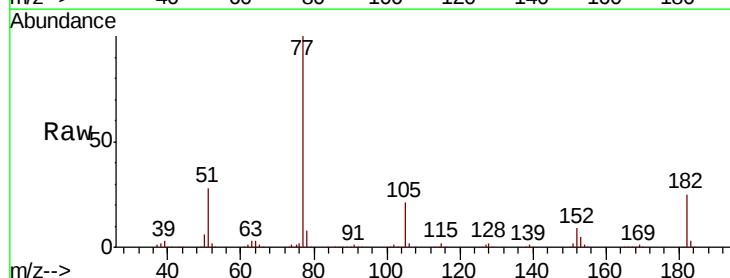


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

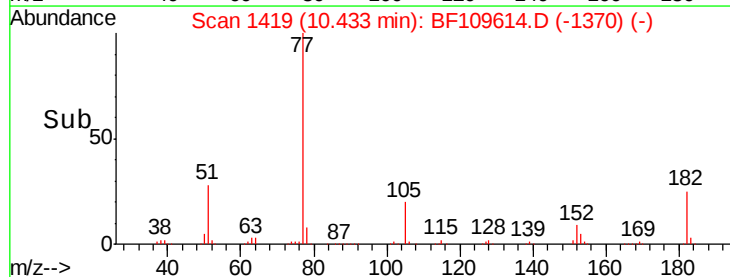
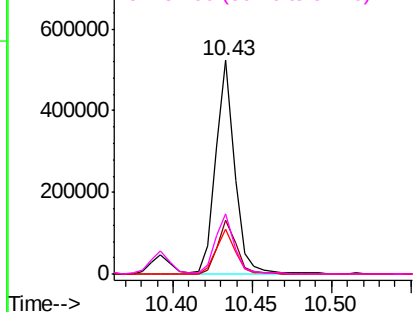


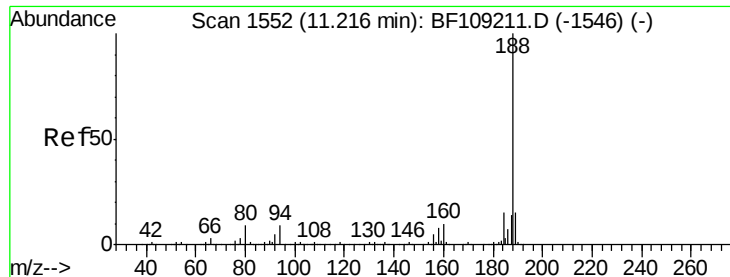
#62
Azobenzene
Concen: 32.262 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Tgt Ion: 77 Resp: 433417
Ion Ratio Lower Upper
77 100
182 25.1 1.7 41.7
105 21.2 3.0 43.0
51 28.5 9.9 49.9



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

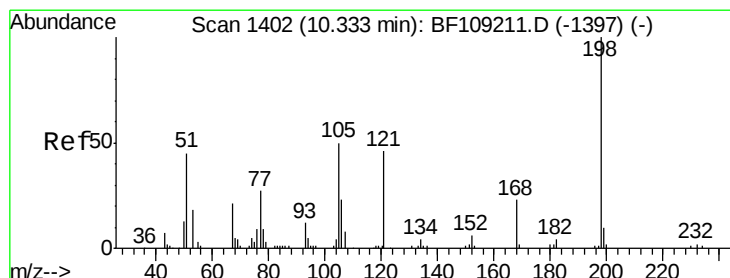
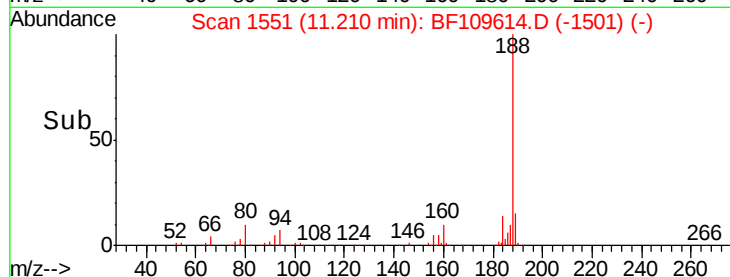
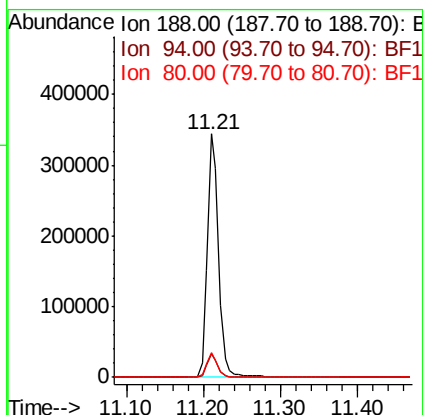
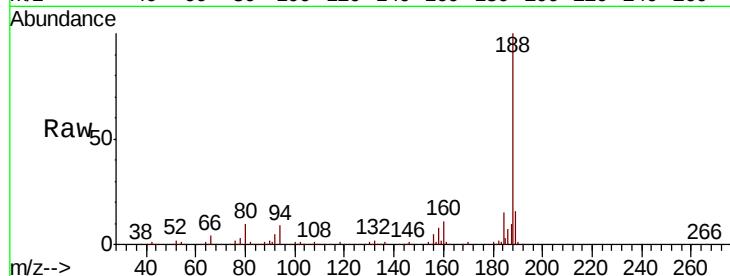




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

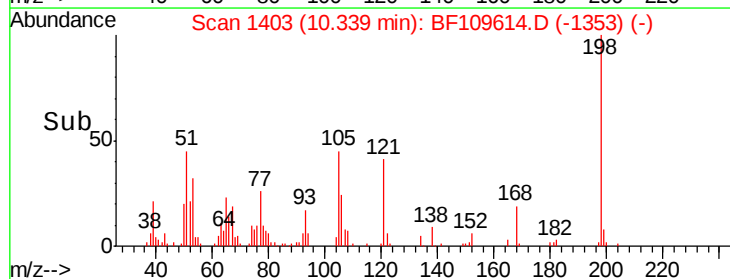
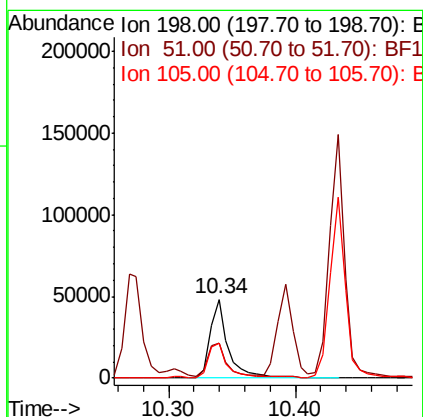
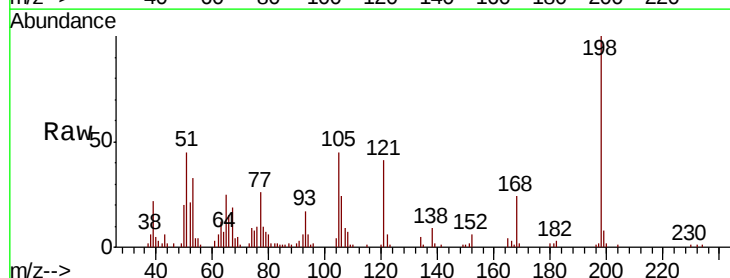
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

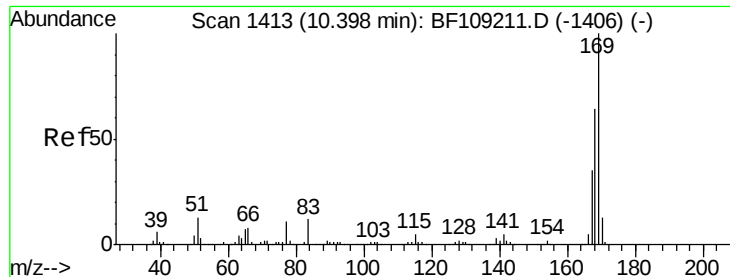
Tot Ion:188 Resp: 345841
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 37.105 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Tgt Ion:198 Resp: 48990
Ion Ratio Lower Upper
198 100
51 44.8 37.7 77.7
105 44.6 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 33.257 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

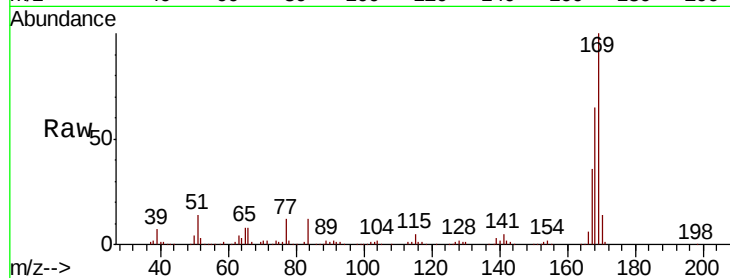
Tot Ion:169 Resp: 380004

Ion Ratio Lower Upper

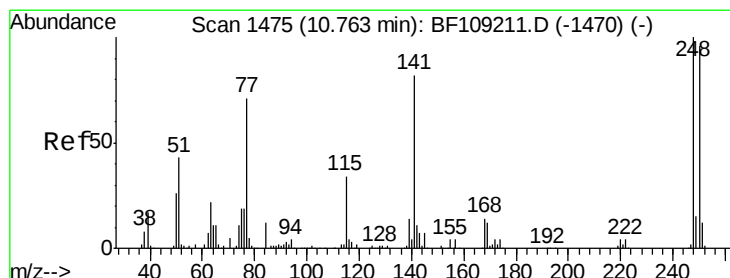
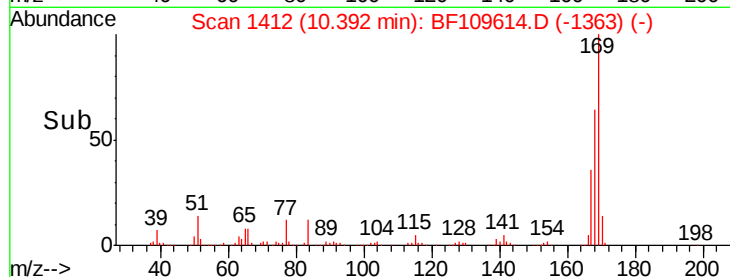
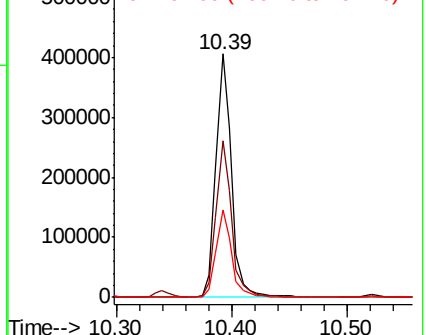
169 100

168 64.5 54.4 81.6

167 35.7 29.8 44.6



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



#66

4-Bromophenyl-phenylether

Concen: 34.505 ng

RT: 10.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

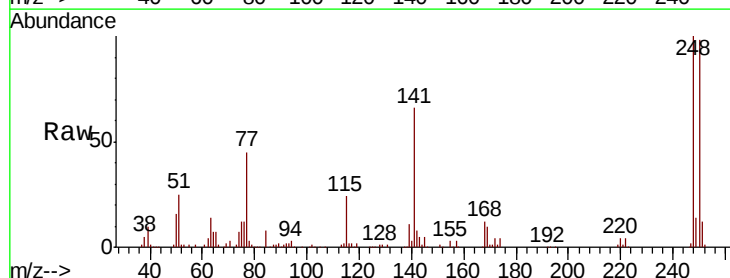
Tgt Ion:248 Resp: 132515

Ion Ratio Lower Upper

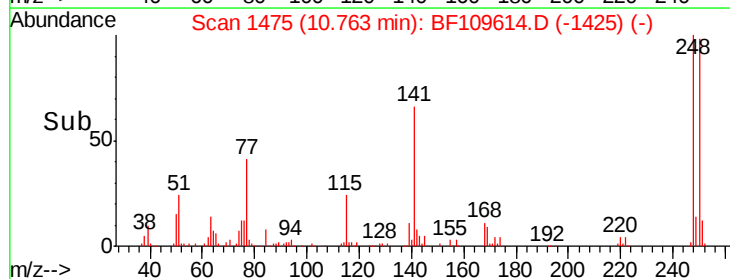
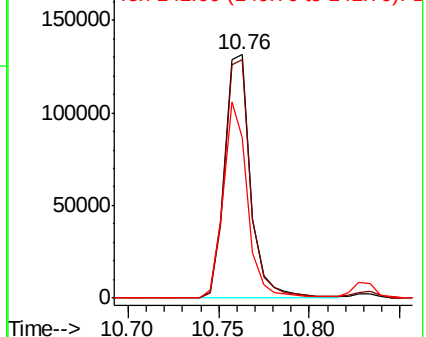
248 100

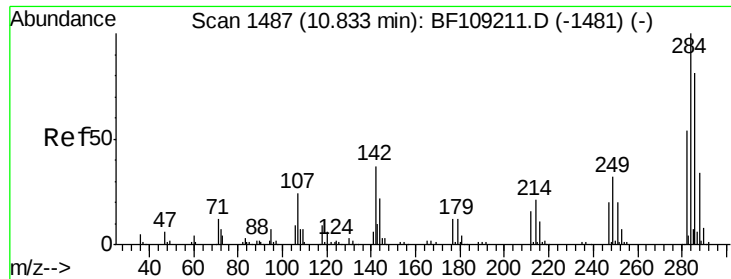
250 98.1 76.9 115.3

141 66.0 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

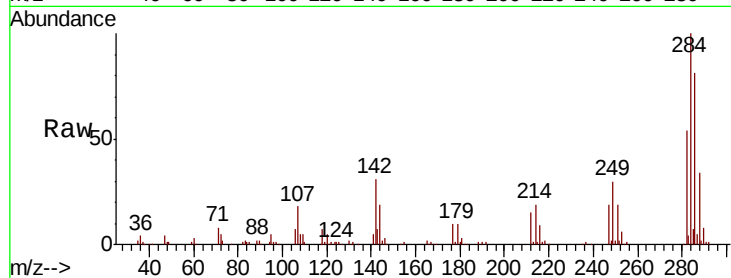




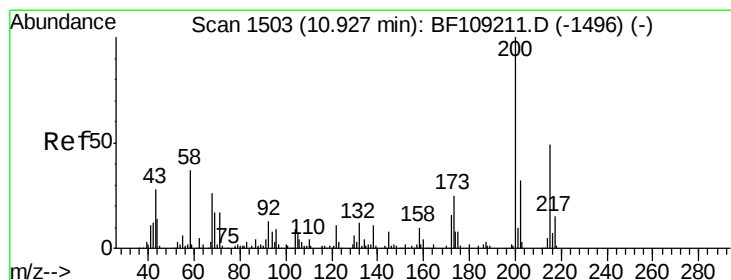
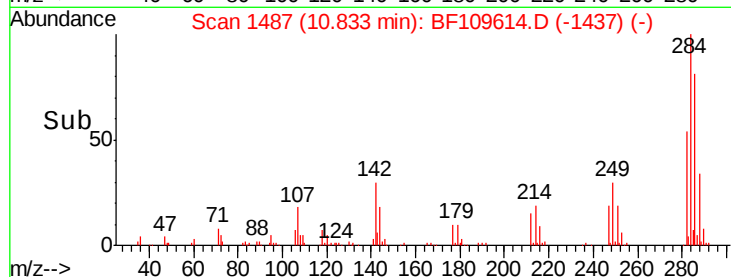
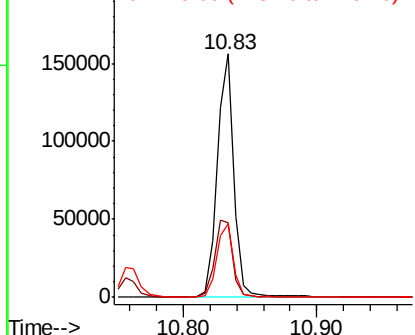
#67
Hexachlorobenzene
Concen: 33.722 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:284 Resp: 137542
Ion Ratio Lower Upper
284 100
142 30.6 34.6 52.0#
249 30.2 24.8 37.2

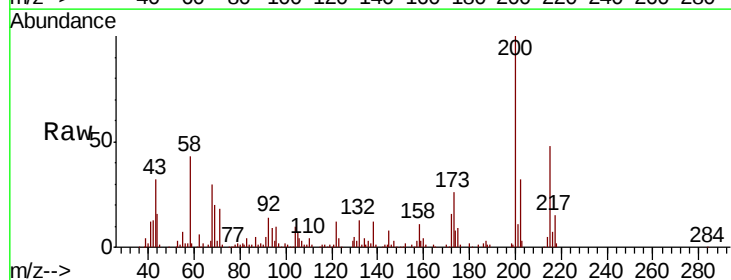


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

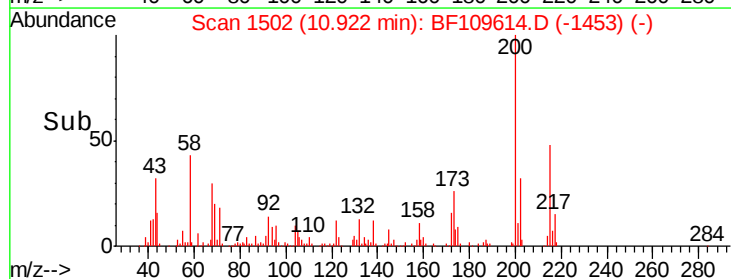
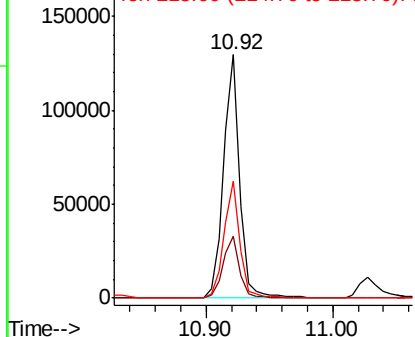


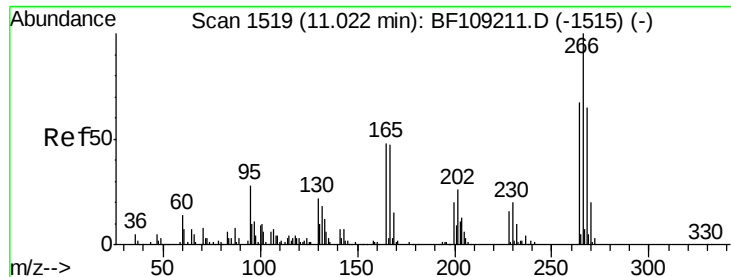
#68
Atrazine
Concen: 32.824 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Tgt Ion:200 Resp: 115351
Ion Ratio Lower Upper
200 100
173 25.6 8.6 48.6
215 47.8 25.1 65.1



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

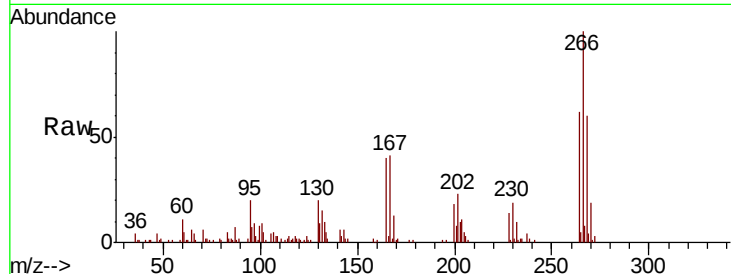




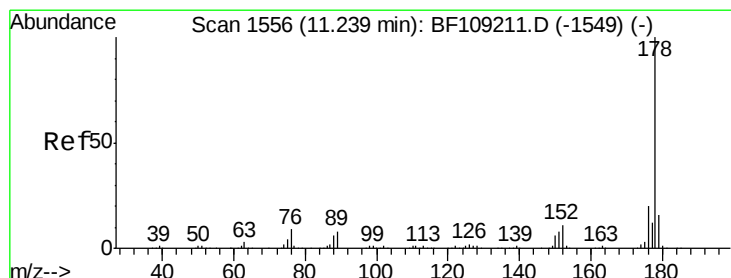
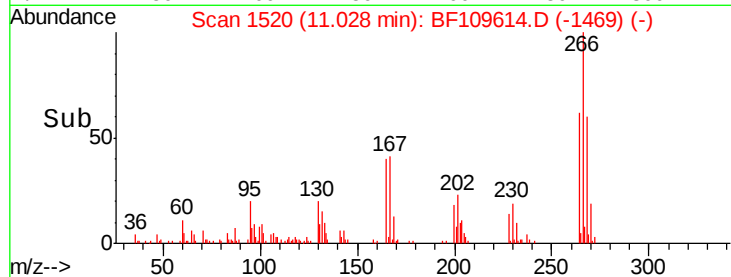
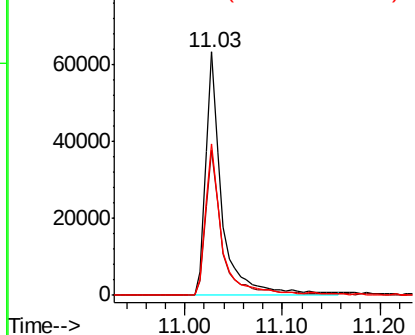
#69
 Pentachlorophenol
 Concen: 30.121 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF109614.D
 Acq: 5 Oct 2018 17:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:266 Resp: 73530
 Ion Ratio Lower Upper
 266 100
 268 59.7 51.1 76.7
 264 62.3 49.5 74.3

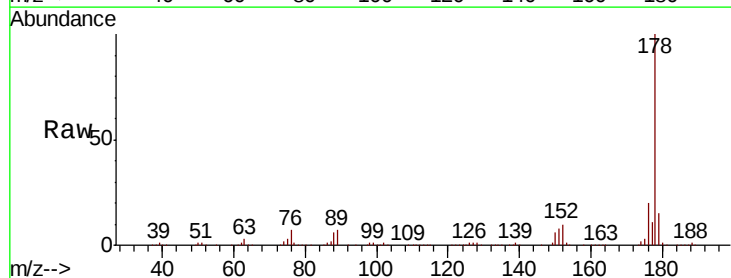


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

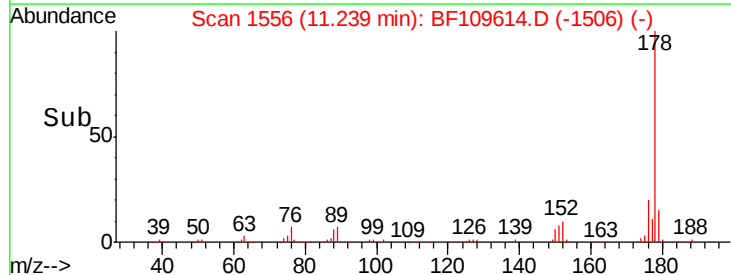
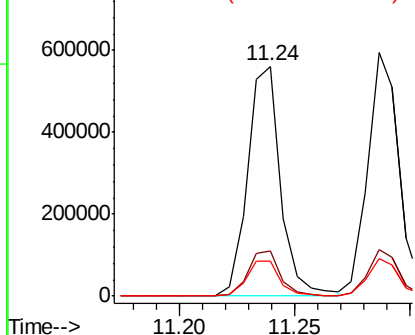


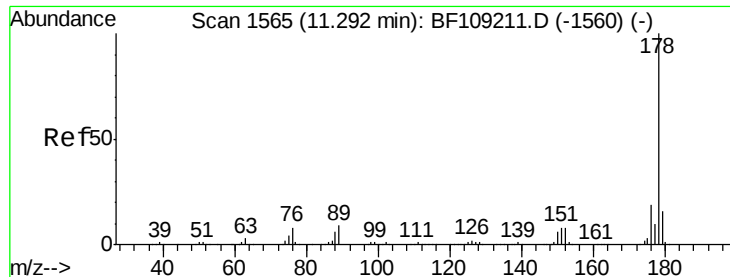
#70
 Phenanthrene
 Concen: 32.419 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109614.D
 Acq: 5 Oct 2018 17:11

Tgt Ion:178 Resp: 559809
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.3 13.0 19.6



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

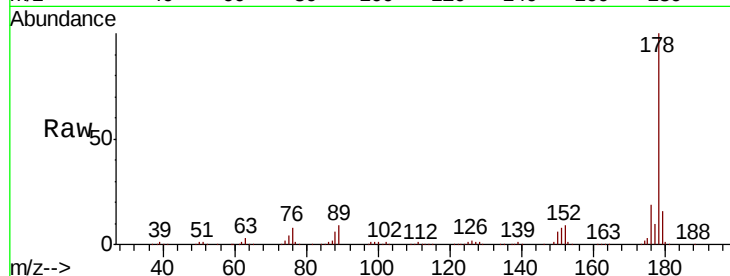




#71
 Anthracene
 Concen: 33.382 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF109614.D
 Acq: 5 Oct 2018 17:11

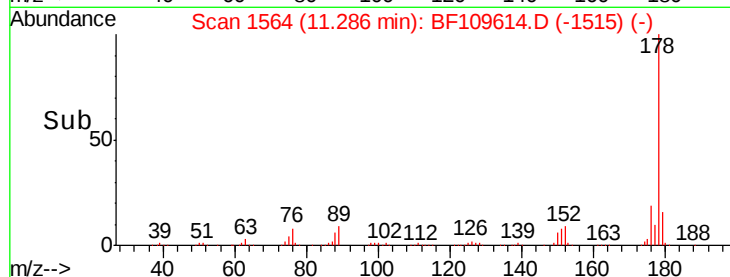
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 584661
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.6 12.6 19.0

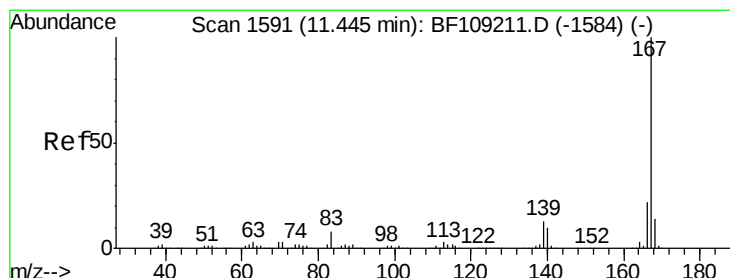


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

11.29

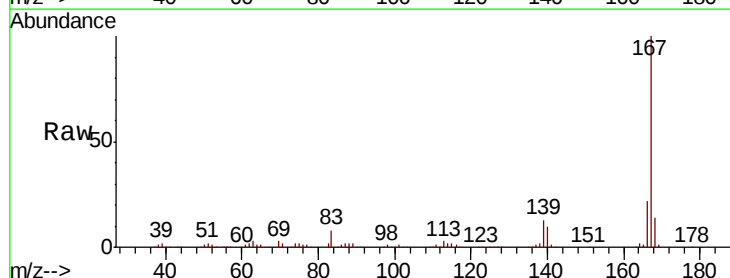


Time--> 11.20 11.30 11.40 11.50



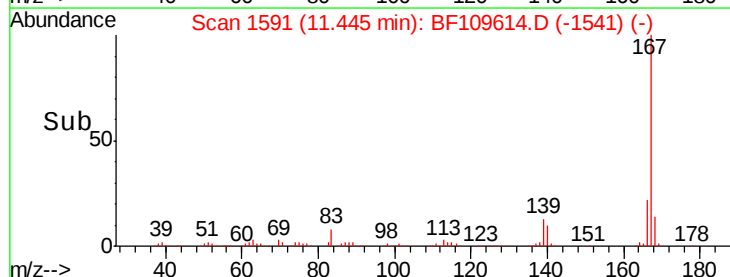
#72
 Carbazole
 Concen: 31.492 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109614.D
 Acq: 5 Oct 2018 17:11

Tgt Ion:167 Resp: 548761
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.1 10.9 16.3

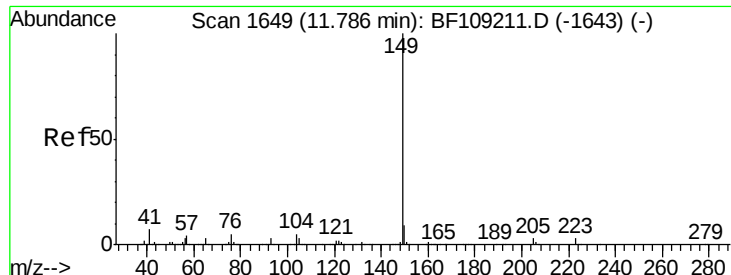


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

11.45



Time--> 11.40 11.50 11.60



#73

Di-n-butylphthalate

Concen: 34.788 ng

RT: 11.77 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

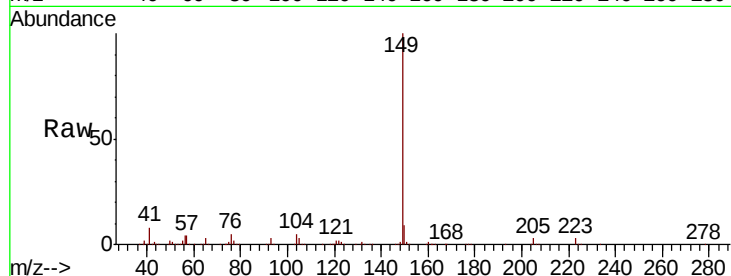
Tot Ion:149 Resp: 697861

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

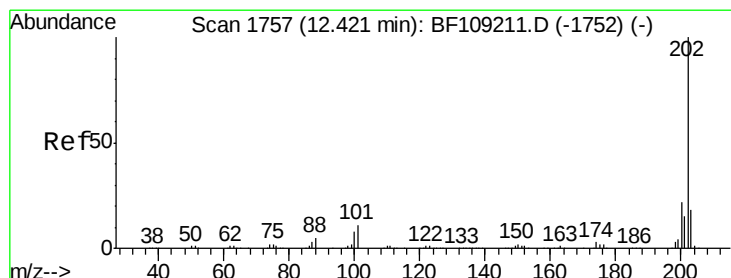
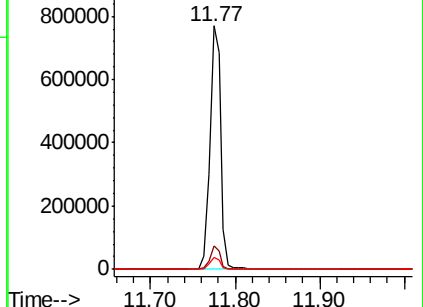
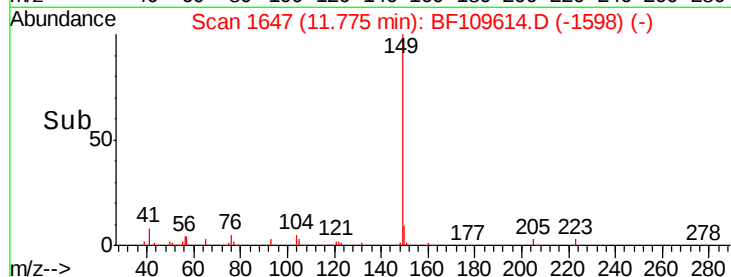
104 5.1 3.8 5.8



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



#74

Fluoranthene

Concen: 30.779 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

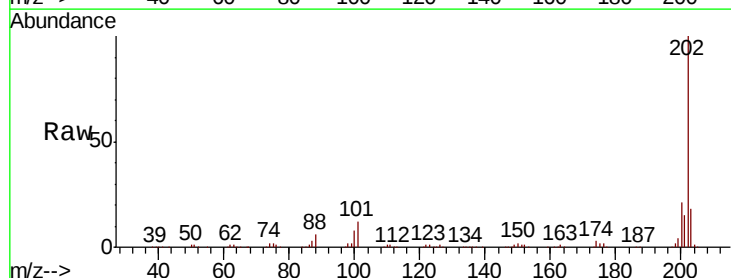
Tgt Ion:202 Resp: 567980

Ion Ratio Lower Upper

202 100

101 11.6 0.0 34.1

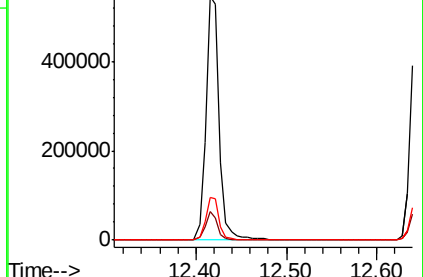
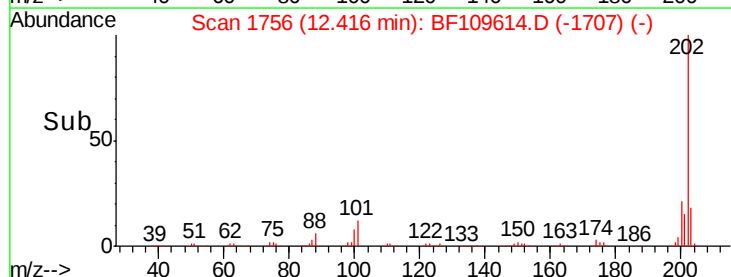
203 17.7 0.0 38.1

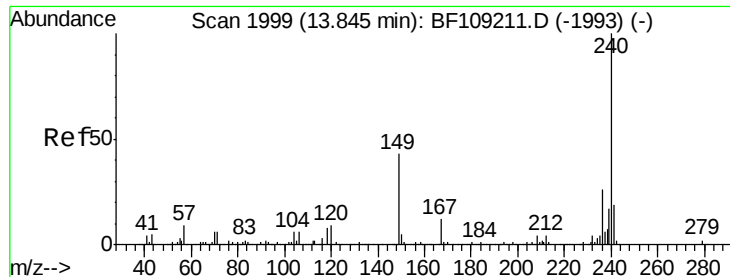


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

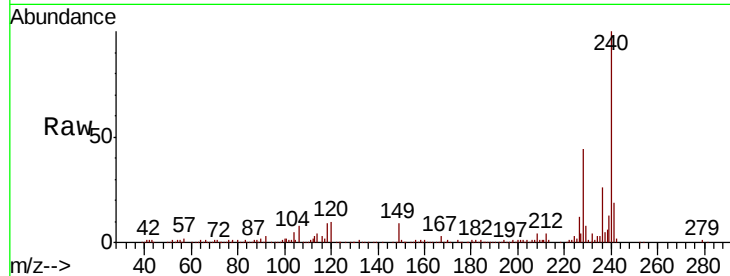
Tot Ion:240 Resp: 209492

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

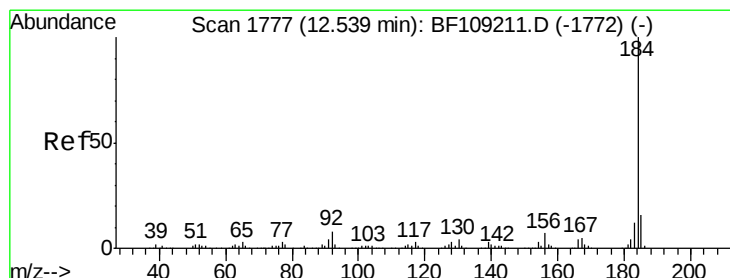
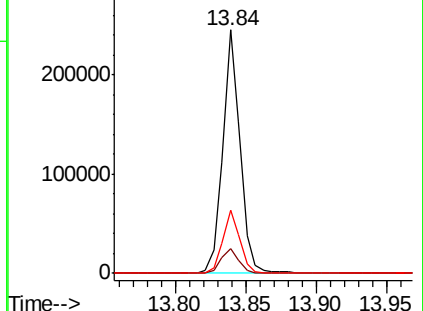
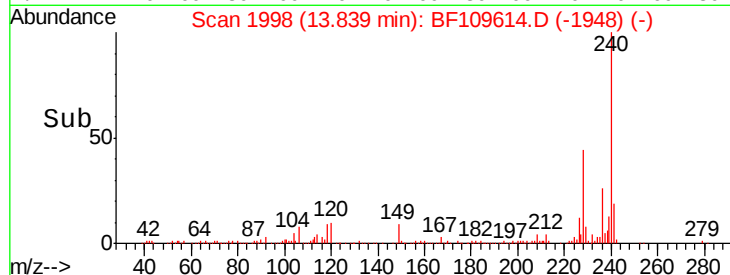
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.873 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

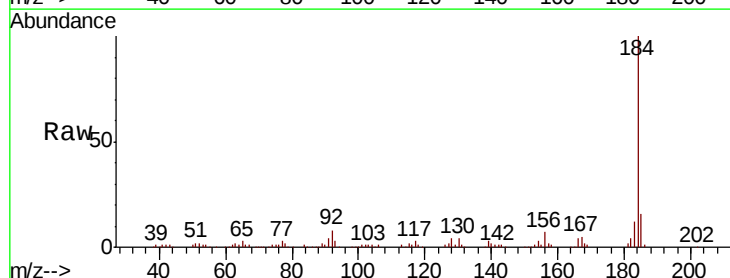
Tgt Ion:184 Resp: 195424

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

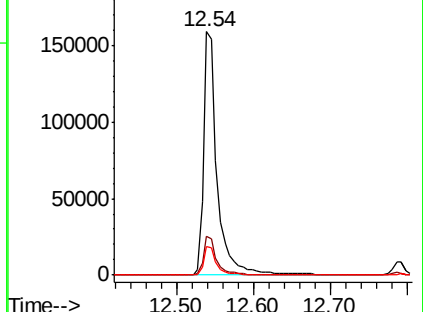
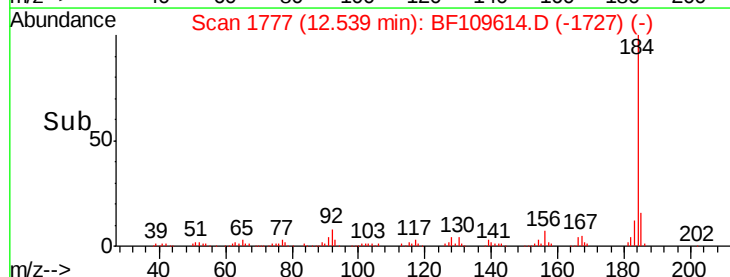
183 11.8 9.3 13.9

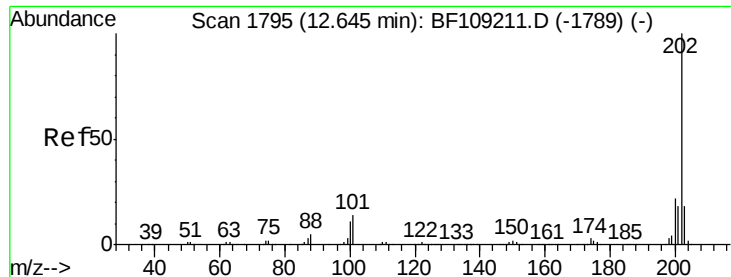


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

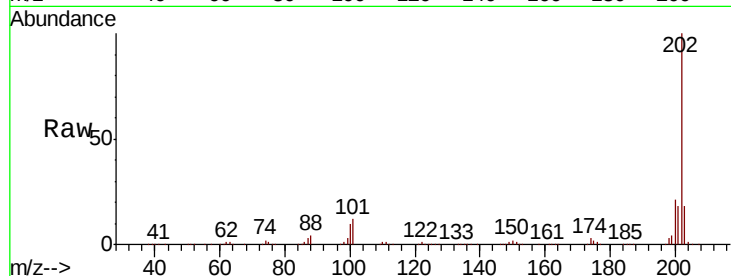




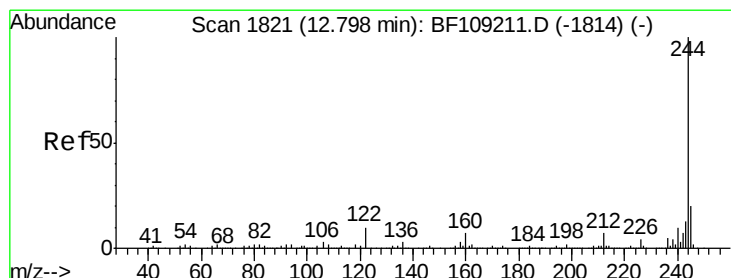
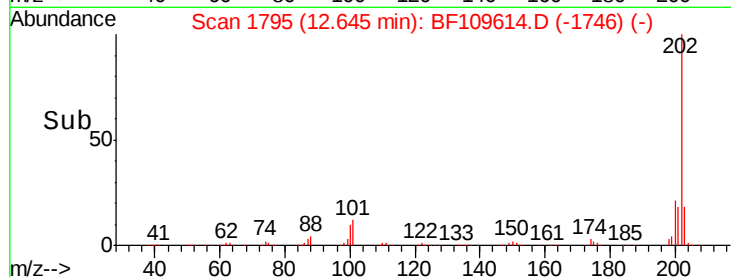
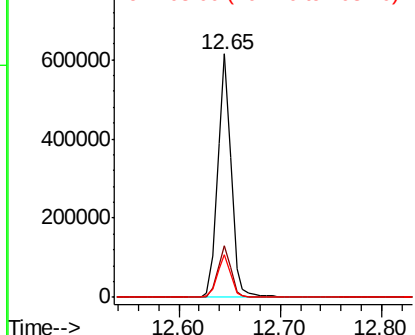
#77
Pvrene
Concen: 37.929 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:202 Resp: 569464
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.6 14.3 21.5

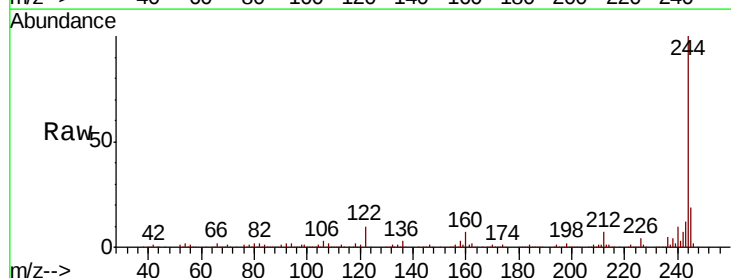


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

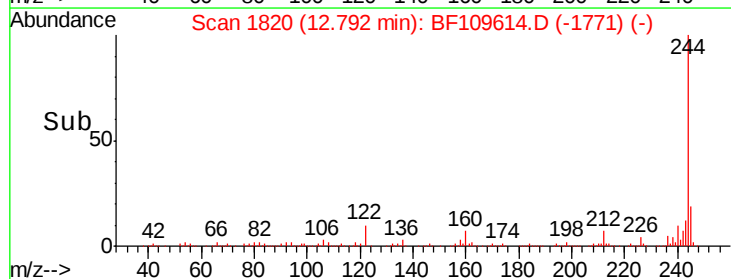
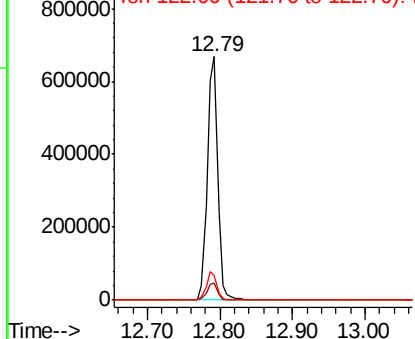


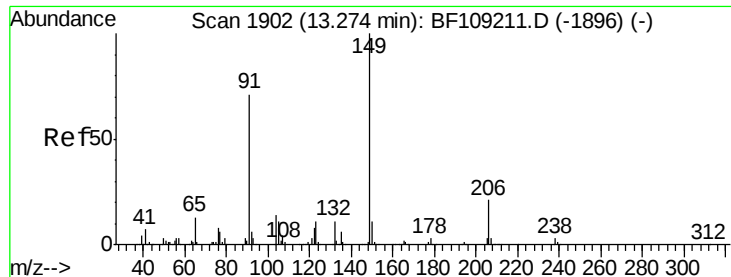
#78
Terphenyl-d14
Concen: 78.708 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Tgt Ion:244 Resp: 671863
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 10.2 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

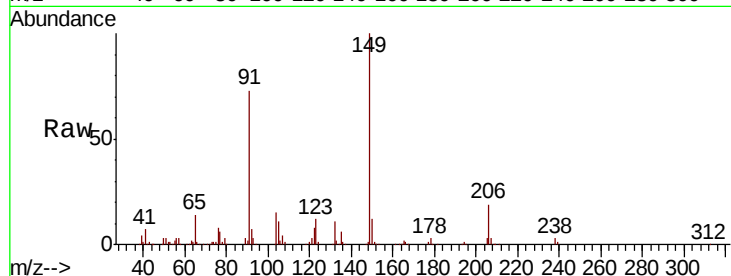




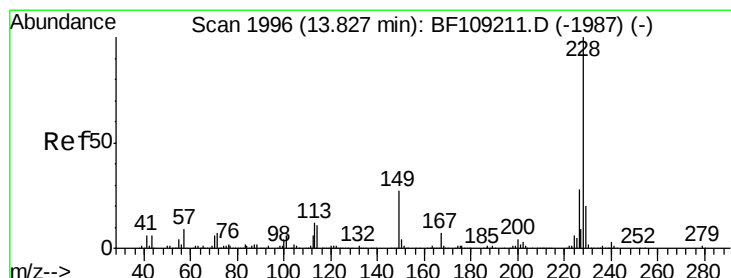
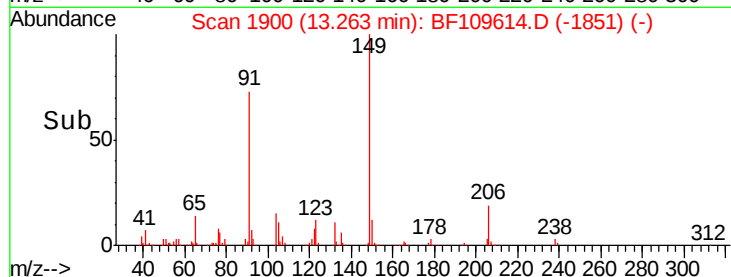
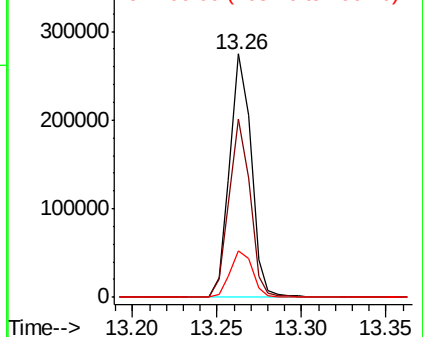
#79
Butylbenzylphthalate
Concen: 38.414 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:149 Resp: 245371
Ion Ratio Lower Upper
149 100
91 73.2 56.8 85.2
206 19.0 14.1 21.1

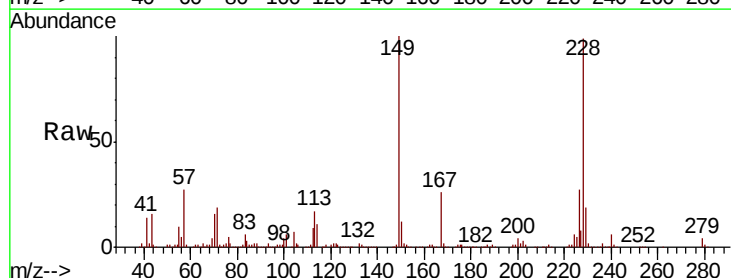


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

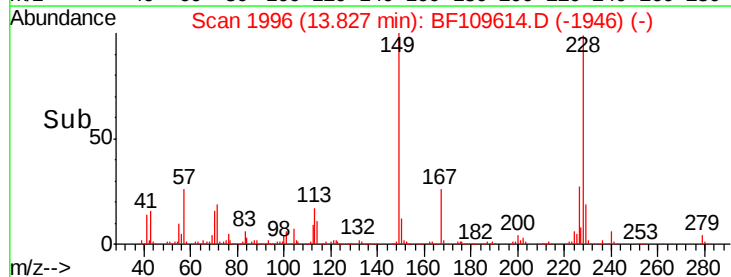
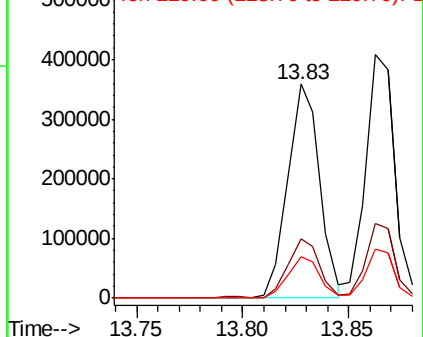


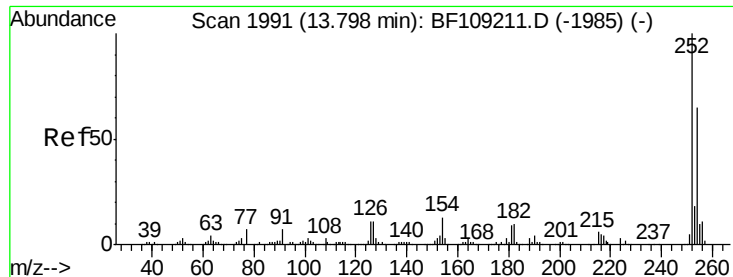
#80
Benzo(a)anthracene
Concen: 29.987 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Tgt Ion:228 Resp: 378390
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.4 15.8 23.6



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

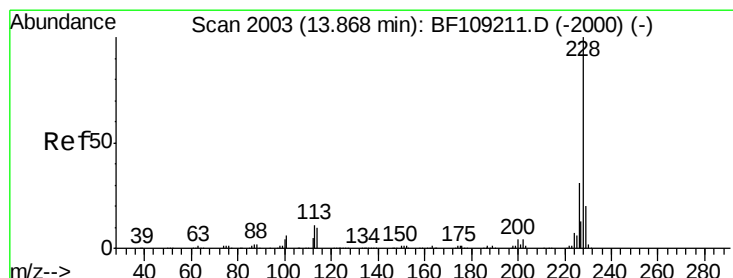
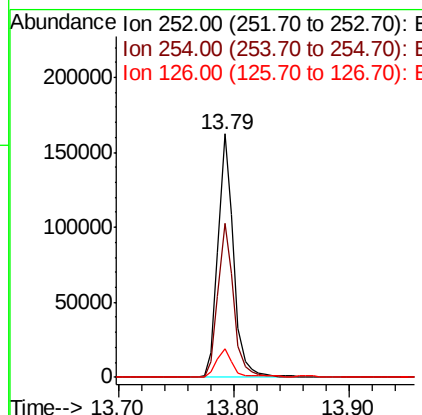
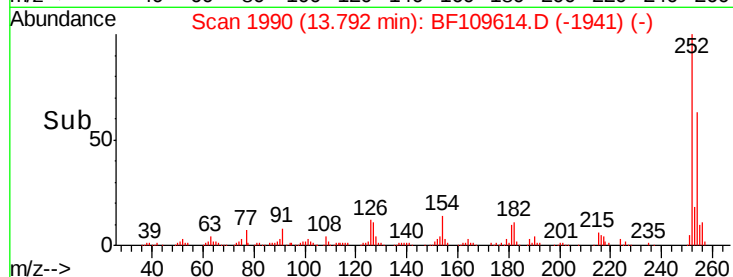
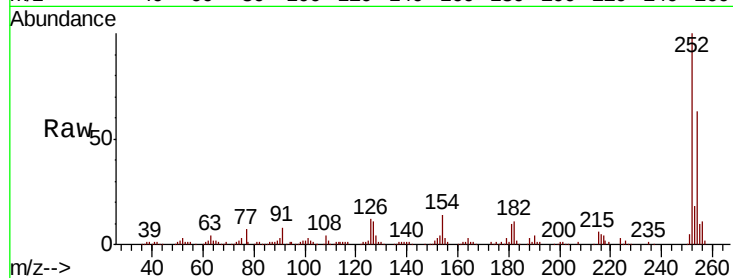




#81
 3,3'-Dichlorobenzidine
 Concen: 31.707 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF109614.D
 Acq: 5 Oct 2018 17:11

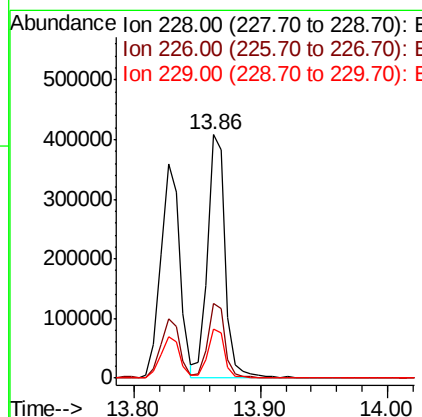
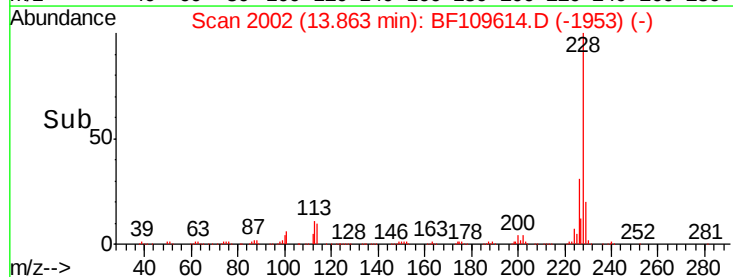
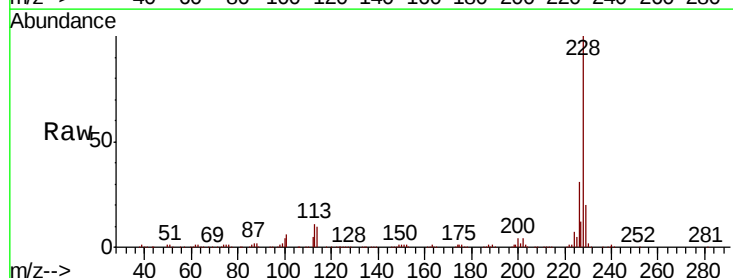
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

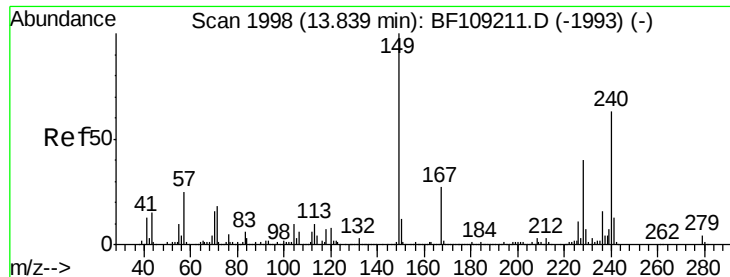
Tot Ion:252 Resp: 152050
 Ion Ratio Lower Upper
 252 100
 254 63.4 50.4 75.6
 126 11.5 11.3 16.9



#82
 Chrysene
 Concen: 31.730 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF109614.D
 Acq: 5 Oct 2018 17:11

Tgt Ion:228 Resp: 396843
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.6
 229 20.1 16.2 24.4

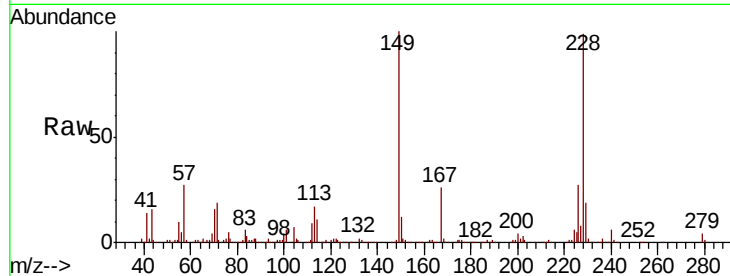




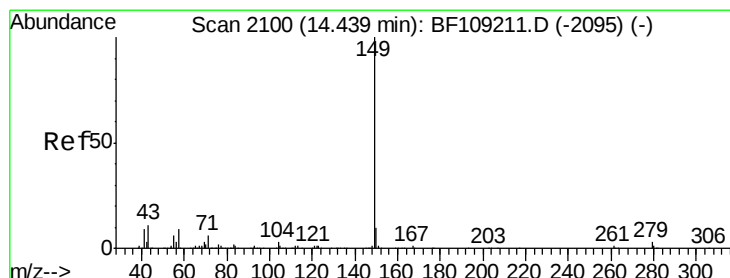
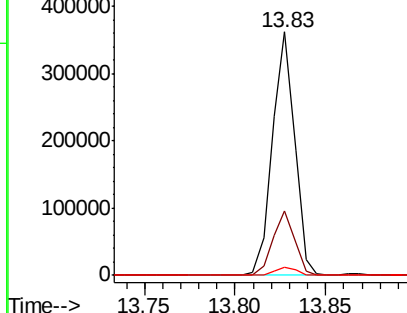
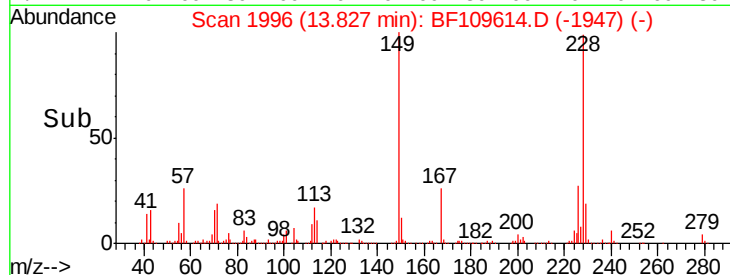
#83
Bis(2-ethylhexyl)phthalate
Concen: 38.407 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:149 Resp: 309393
Ion Ratio Lower Upper
149 100
167 26.3 21.3 31.9
279 3.6 3.0 4.4

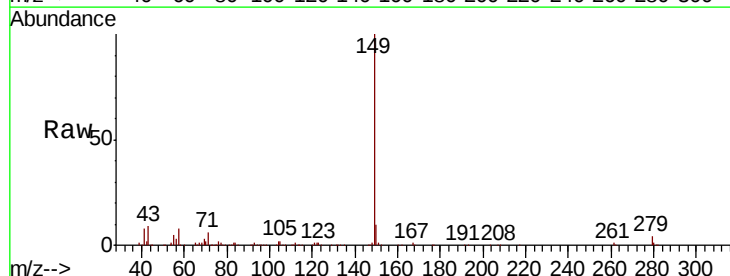


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

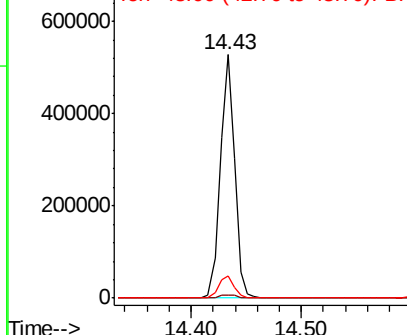
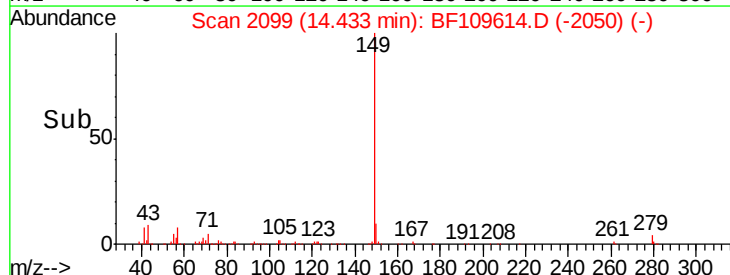


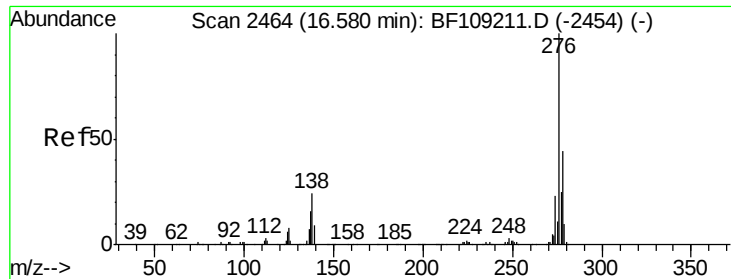
#84
Di-n-octyl phthalate
Concen: 34.604 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Tgt Ion:149 Resp: 476627
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.4 8.4 12.6



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

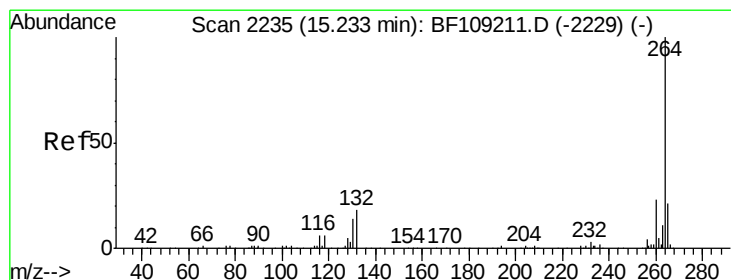
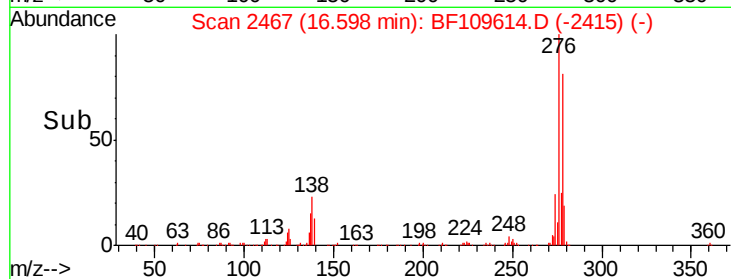
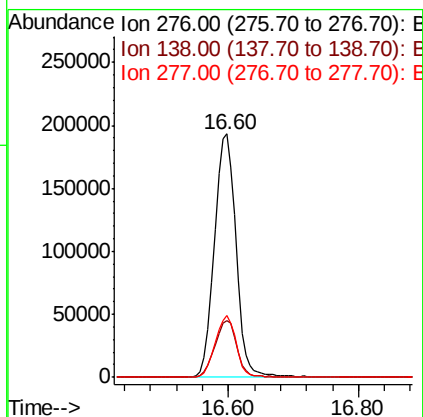
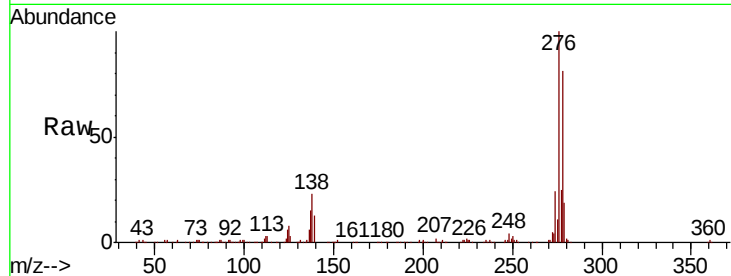




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.108 ng
 RT: 16.60 min Scan# 2467
 Delta R.T. 0.01 min
 Lab File: BF109614.D
 Acq: 5 Oct 2018 17:11

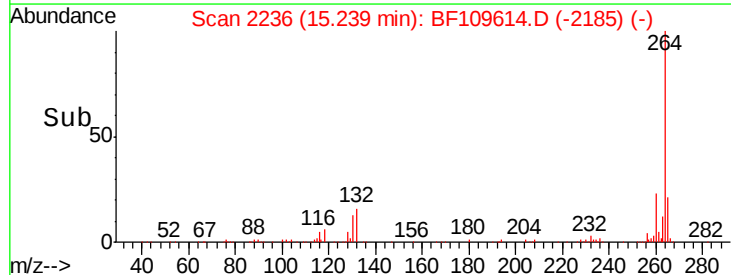
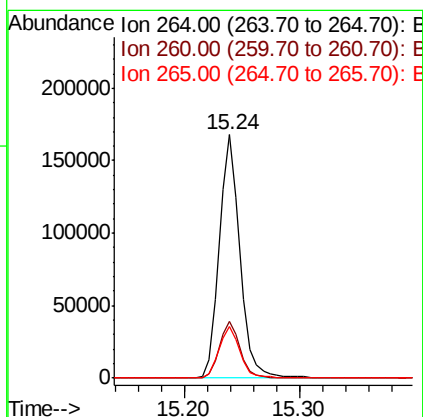
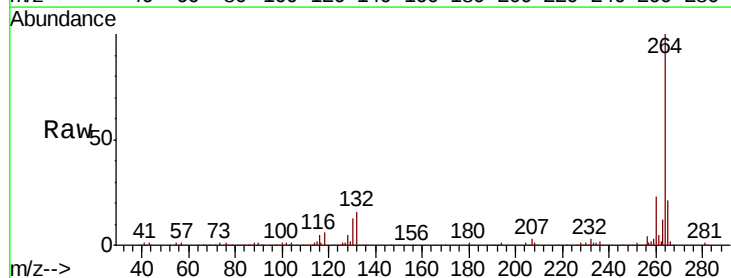
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

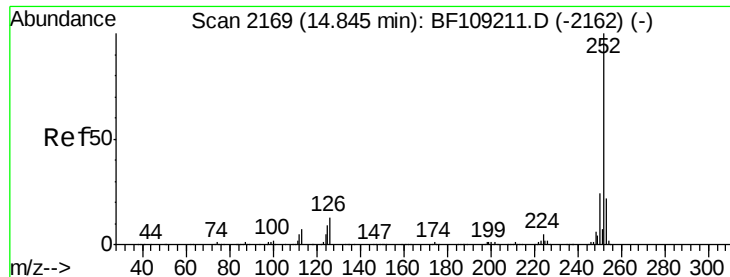
Tot Ion:276 Resp: 447138
 Ion Ratio Lower Upper
 276 100
 138 23.7 25.0 37.6#
 277 24.6 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109614.D
 Acq: 5 Oct 2018 17:11

Tgt Ion:264 Resp: 207909
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.5 17.5 26.3

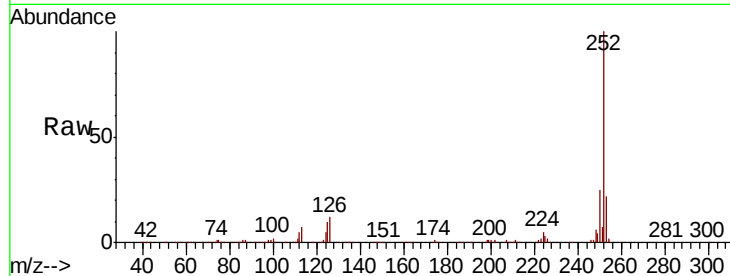




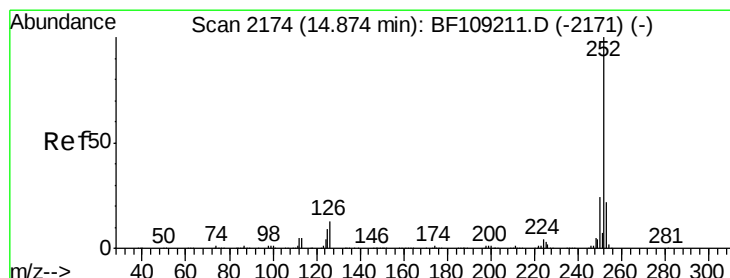
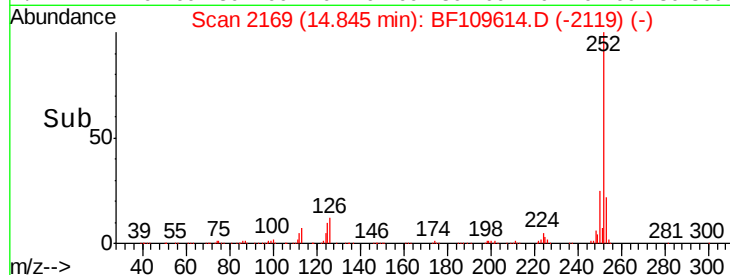
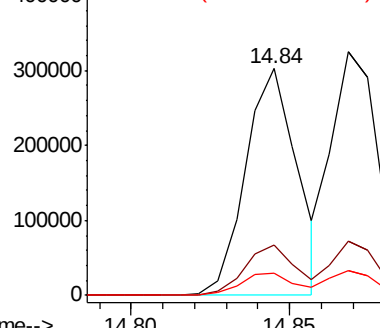
#87
Benzo(b)fluoranthene
Concen: 29.988 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:252 Resp: 342598
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 9.5 9.0 13.6

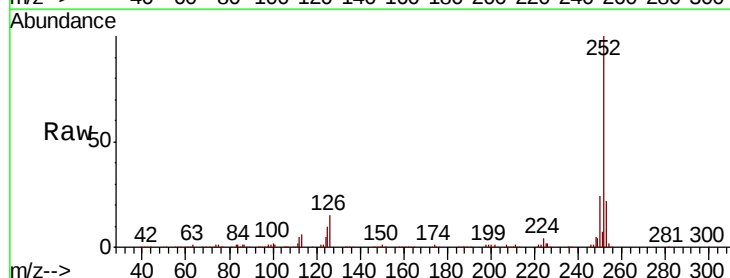


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

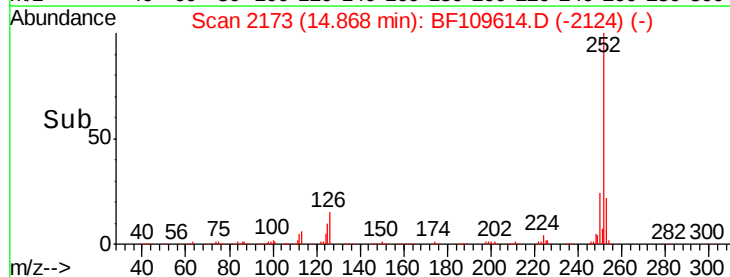
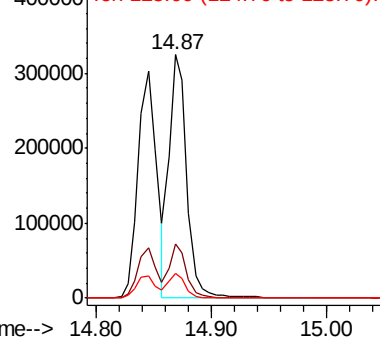


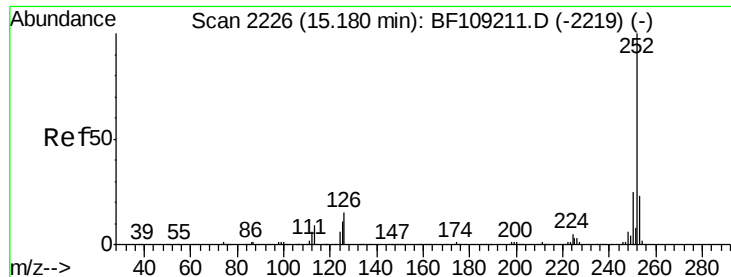
#88
Benzo(k)fluoranthene
Concen: 32.113 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Tgt Ion:252 Resp: 348137
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 10.0 10.2 15.2#



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

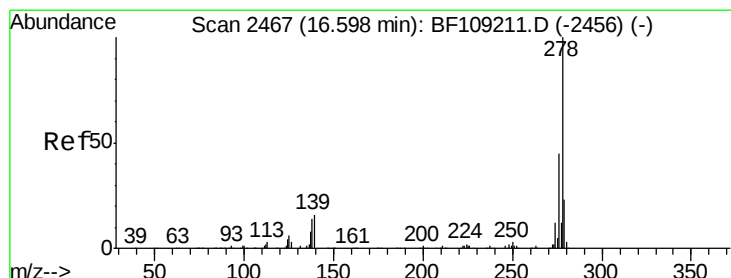
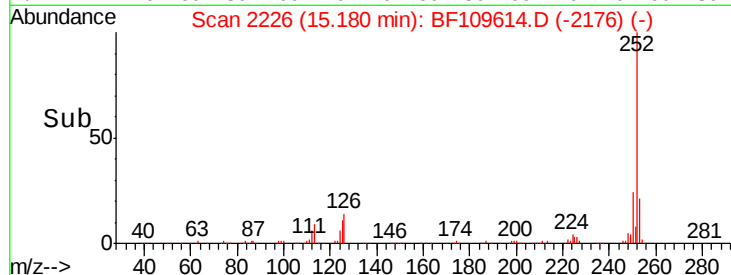
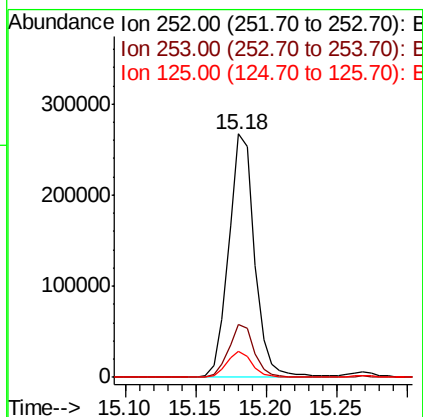
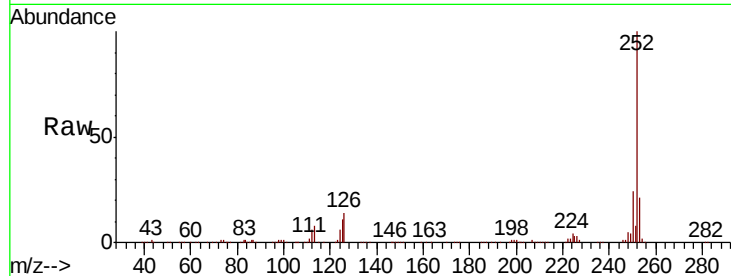




#89
Benzo(a)pyrene
Concen: 33.228 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

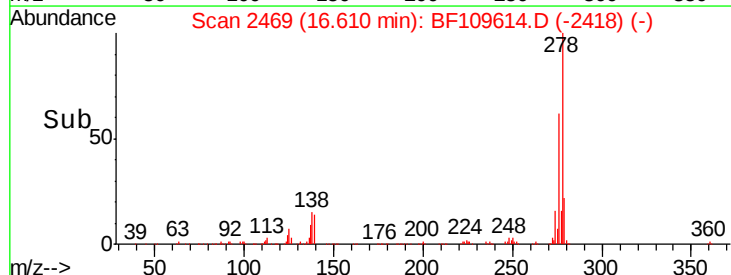
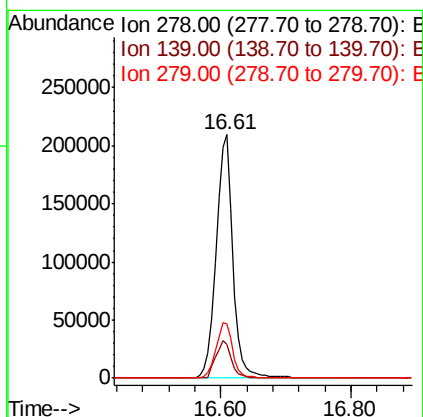
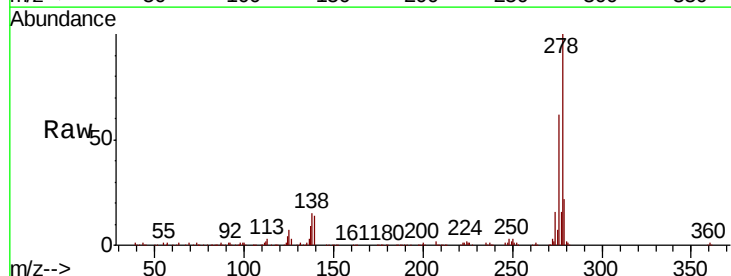
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

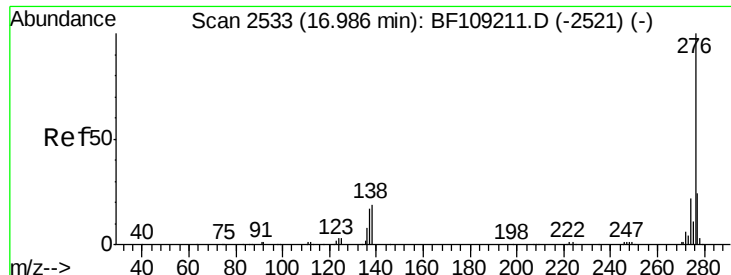
Tot Ion:252 Resp: 342062
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 10.9 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 43.952 ng
RT: 16.61 min Scan# 2469
Delta R.T. 0.00 min
Lab File: BF109614.D
Acq: 5 Oct 2018 17:11

Tgt Ion:278 Resp: 371197
Ion Ratio Lower Upper
278 100
139 14.0 15.9 23.9#
279 22.4 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 46.319 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.00 min

Lab File: BF109614.D

Acq: 5 Oct 2018 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

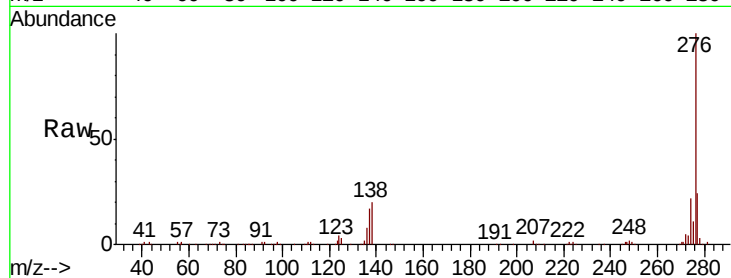
Tot Ion:276 Resp: 384462

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 20.4 21.8 32.8#



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

