

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
 Data File : BF109493.D
 Acq On : 2 Oct 2018 11:40
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 02 12:28:47 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	112394	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	451504	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	220877	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	429179	20.00	ng	0.00
75) Chrysene-d12	13.84	240	321970	20.00	ng	0.00
86) Perylene-d12	15.24	264	276163	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	591780	86.72	ng	0.00
7) Phenol-d6	6.36	99	724940	83.25	ng	0.00
23) Nitrobenzene-d5	7.27	82	684672	89.52	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	203057	93.26	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1242857	84.86	ng	0.00
78) Terphenyl-d14	12.80	244	1063010	81.03	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.38	88	120111	38.219	ng	94
3) Pyridine	3.08	79	320654	39.642	ng	92
4) n-Nitrosodimethylamine	3.03	42	132927	38.616	ng	# 98
6) Aniline	6.37	93	442323	39.705	ng	# 49
8) 2-Chlorophenol	6.50	128	327213	43.121	ng	95
9) Benzaldehyde	6.25	77	216029	38.620	ng	99
10) Phenol	6.37	94	396469	40.206	ng	# 47
11) bis(2-Chloroethyl)ether	6.45	93	305271	39.563	ng	97
12) 1,3-Dichlorobenzene	6.65	146	369942	42.342	ng	98
13) 1,4-Dichlorobenzene	6.72	146	379289	43.091	ng	99
14) 1,2-Dichlorobenzene	6.88	146	341343	42.039	ng	97
15) Benzyl Alcohol	6.86	79	276477	41.481	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	432672	39.532	ng	84
17) 2-Methylphenol	6.97	107	248915	40.540	ng	# 92
18) Hexachloroethane	7.22	117	137951	44.485	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	237574	41.639	ng	98
20) 3+4-Methylphenols	7.13	107	318311	42.939	ng	# 77
22) Acetophenone	7.12	105	438189	41.977	ng	97
24) Nitrobenzene	7.29	77	348026	42.795	ng	98
25) Isophorone	7.53	82	565652	41.070	ng	98
26) 2-Nitrophenol	7.61	139	174752	54.336	ng	96
27) 2,4-Dimethylphenol	7.66	122	251695	41.940	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	388329	42.593	ng	99
29) 2,4-Dichlorophenol	7.85	162	280003	44.408	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	303795	43.118	ng	98
31) Naphthalene	8.01	128	877828	41.606	ng	99
32) Benzoic acid	7.80	122	186271	46.005	ng	99
33) 4-Chloroaniline	8.06	127	398701	43.257	ng	99
34) Hexachlorobutadiene	8.13	225	186117	43.819	ng	99
35) Caprolactam	8.45	113	86675	43.056	ng	87
36) 4-Chloro-3-methylphenol	8.56	107	292894	44.144	ng	97
37) 2-Methylnaphthalene	8.70	142	569924	41.902	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	302745	43.068	ng	98
40) Hexachlorocyclopentadiene	8.86	237	115234	37.584	ng	98

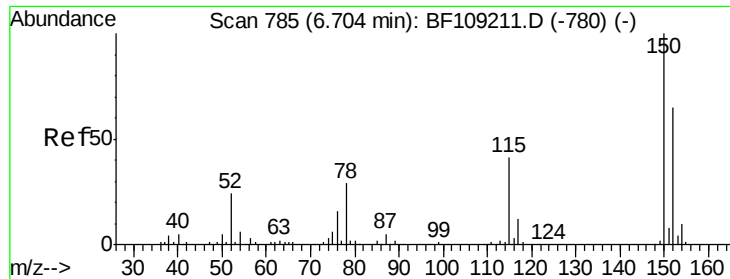
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	200251	44.386	nq	97
43) 2,4,5-Trichlorophenol	9.03	196	214825	45.086	nq	95
45) 1,1'-Biphenyl	9.16	154	746202	41.464	nq	98
46) 2-Chloronaphthalene	9.19	162	593546	41.285	nq	100
47) 2-Nitroaniline	9.29	65	186313	45.709	nq	95
48) Acenaphthylene	9.60	152	886977	40.896	nq	99
49) Dimethylphthalate	9.47	163	678098	42.209	nq	99
50) 2,6-Dinitrotoluene	9.53	165	150663	47.352	nq	91
51) Acenaphthene	9.77	154	516224	39.368	nq	100
52) 3-Nitroaniline	9.70	138	174713	47.416	nq	96
53) 2,4-Dinitrophenol	9.80	184	53350	50.762	nq #	22
54) Dibenzofuran	9.95	168	787225	40.368	nq	96
55) 4-Nitrophenol	9.87	139	117642	42.382	nq	92
56) 2,4-Dinitrotoluene	9.93	165	190145	47.231	nq #	95
57) Fluorene	10.29	166	573264	41.200	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	178435	47.296	nq	88
59) Diethylphthalate	10.16	149	676681	41.595	nq	98
60) 4-Chlorophenyl-phenylether	10.28	204	303584	41.773	nq	92
61) 4-Nitroaniline	10.31	138	172872	48.108	nq	97
62) Azobenzene	10.44	77	671342	39.719	nq	94
64) 4,6-Dinitro-2-methylphenol	10.35	198	87453	50.516	nq	86
65) n-Nitrosodiphenylamine	10.40	169	591958	41.746	nq	95
66) 4-Bromophenyl-phenylether	10.76	248	204031	42.811	nq	92
67) Hexachlorobenzene	10.83	284	217793	43.028	nq	93
68) Atrazine	10.93	200	178665	40.969	nq	97
69) Pentachlorophenol	11.03	266	136015	44.898	nq	100
70) Phenanthrene	11.24	178	884969	41.298	nq	99
71) Anthracene	11.29	178	901089	41.459	nq	100
72) Carbazole	11.45	167	884086	40.883	nq	100
73) Di-n-butylphthalate	11.78	149	1052808	42.291	nq	99
74) Fluoranthene	12.43	202	944732	41.254	nq	94
76) Benzidine	12.55	184	412078	35.498	nq	99
77) Pyrene	12.65	202	963144	41.740	nq	99
79) Butylbenzylphthalate	13.27	149	436207	44.433	nq	95
80) Benzo(a)anthracene	13.84	228	740629	38.190	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	314692	42.698	nq	98
82) Chrysene	13.87	228	767123	39.909	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	527395	42.597	nq	99
84) Di-n-octyl phthalate	14.44	149	901485	42.585	nq	98
85) Indeno(1,2,3-cd)pyrene	16.61	276	580256	37.243	nq #	93
87) Benzo(b)fluoranthene	14.85	252	636063	41.915	nq	98
88) Benzo(k)fluoranthene	14.88	252	630793	43.806	nq #	96
89) Benzo(a)pyrene	15.19	252	582341	42.588	nq	98
90) Dibenzo(a,h)anthracene	16.62	278	484328	43.174	nq #	95
91) Benzo(g,h,i)perylene	17.01	276	481067	43.634	nq #	91

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

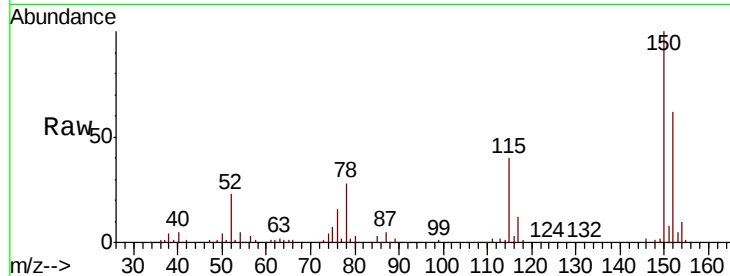


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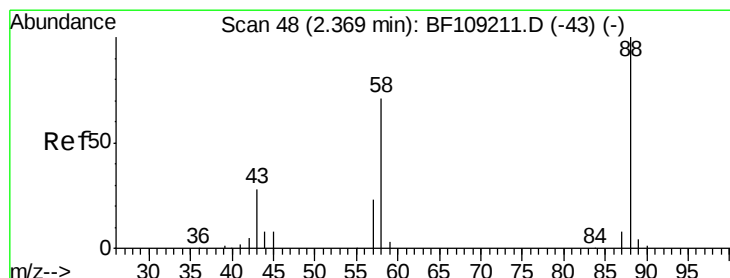
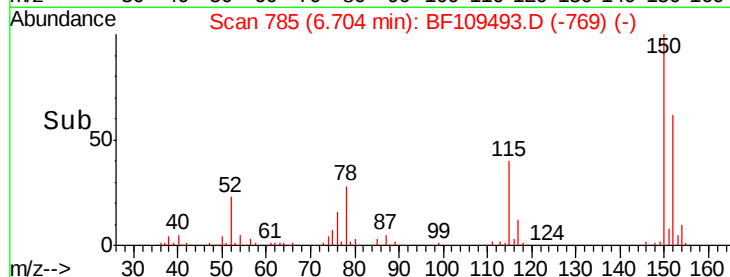
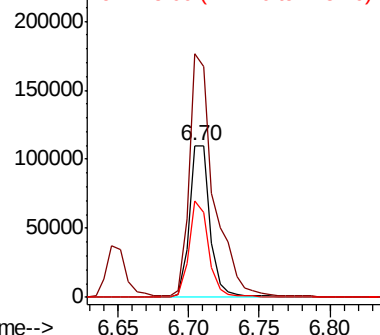
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 112394
Ion Ratio Lower Upper
152 100
150 160.6 124.6 186.8
115 63.8 50.1 75.1



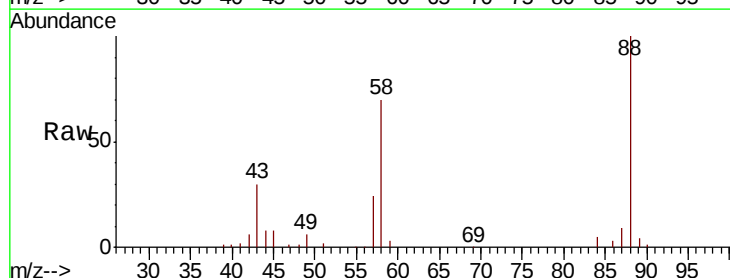
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



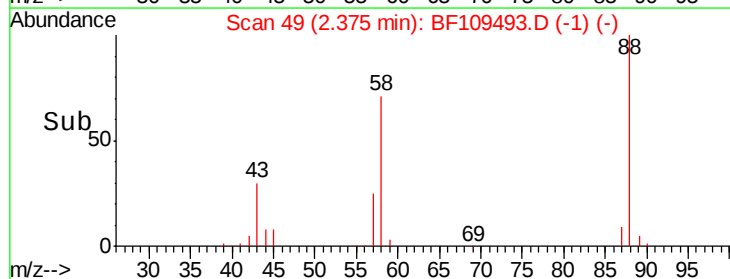
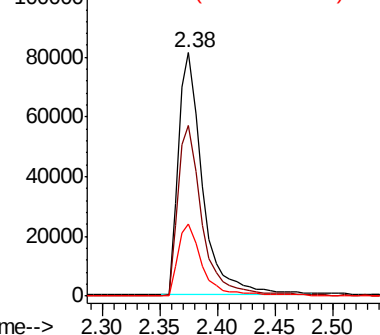
#2

1,4-Dioxane
Concen: 38.219 ng
RT: 2.38 min Scan# 49
Delta R.T. 0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Tgt Ion: 88 Resp: 120111
Ion Ratio Lower Upper
88 100
58 71.4 62.6 93.8
43 30.7 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: 39.642 ng

RT: 3.08 min Scan# 169

Delta R.T. 0.02 min

Lab File: BF109493.D

Acq: 2 Oct 2018 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

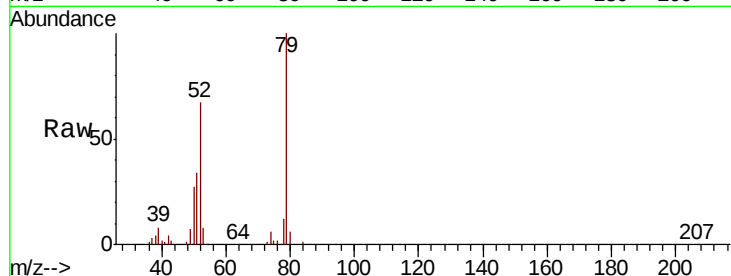
Tot Ion: 79 Resp: 320654

Ion Ratio Lower Upper

79 100

52 67.3 59.8 89.6

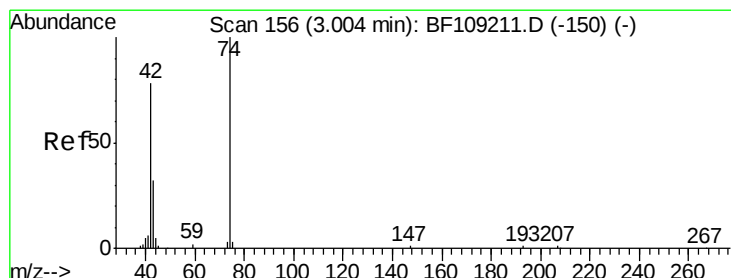
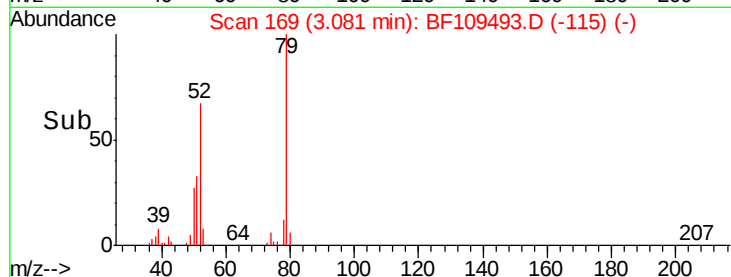
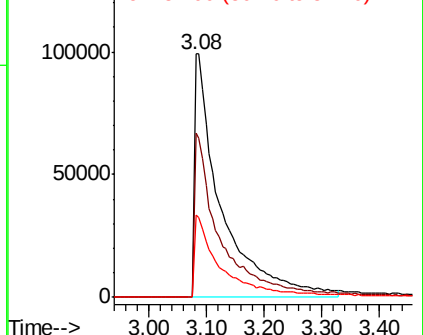
51 33.7 29.8 44.8



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: 38.616 ng

RT: 3.03 min Scan# 160

Delta R.T. 0.01 min

Lab File: BF109493.D

Acq: 2 Oct 2018 11:40

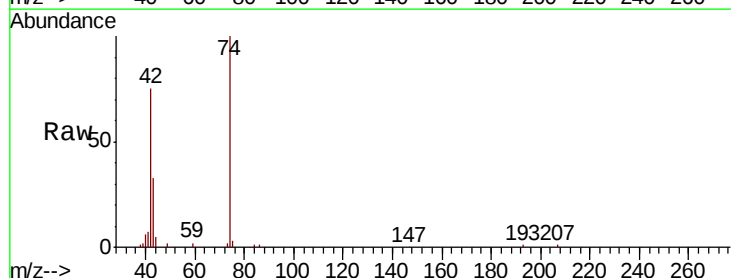
Tgt Ion: 42 Resp: 132927

Ion Ratio Lower Upper

42 100

74 133.2 104.9 157.3

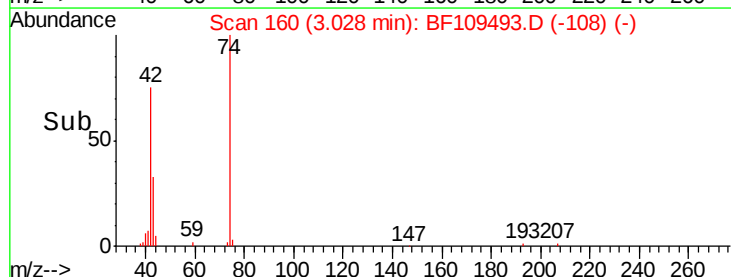
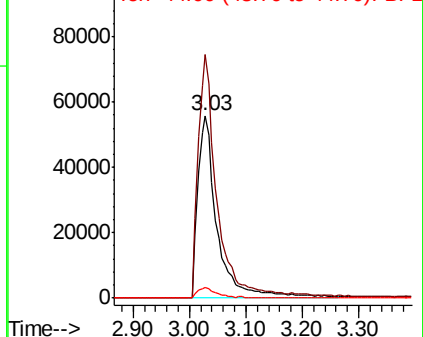
44 6.1 6.9 10.3#



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: 86.722 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF109493.D

Acq: 2 Oct 2018 11:40

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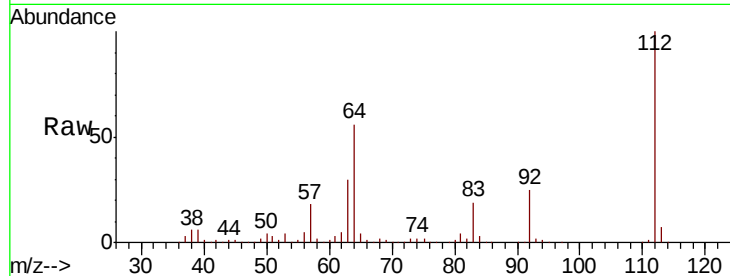
Tot Ion:112 Resp: 591780

Ion Ratio Lower Upper

112 100

64 55.6 47.9 71.9

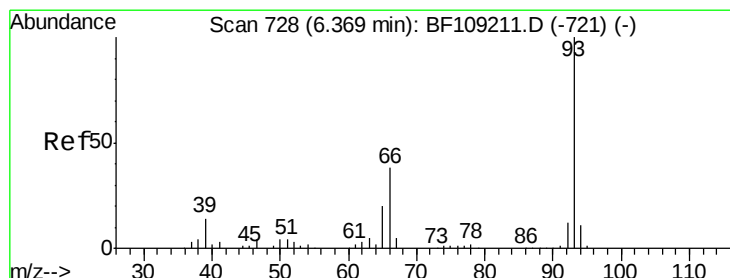
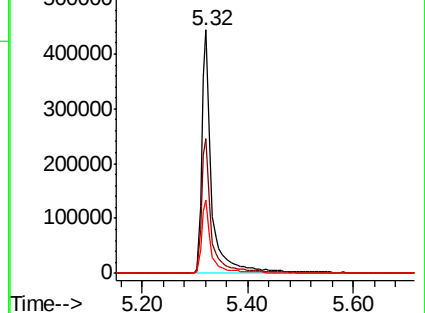
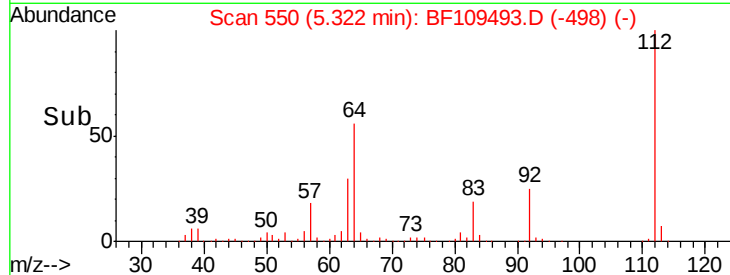
63 30.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.705 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF109493.D

Acq: 2 Oct 2018 11:40

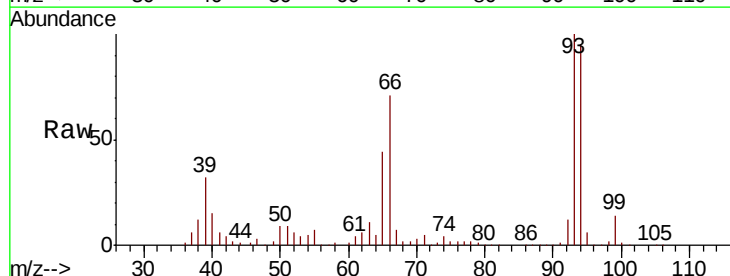
Tgt Ion: 93 Resp: 442323

Ion Ratio Lower Upper

93 100

66 71.5 32.2 48.2#

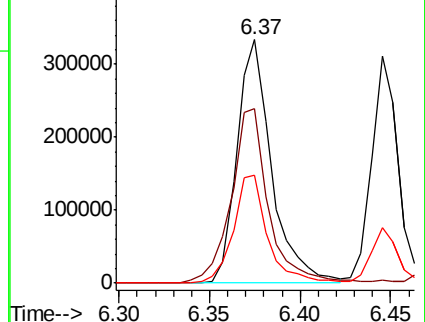
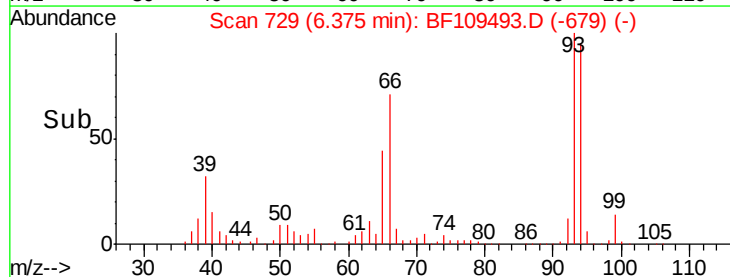
65 44.3 16.4 24.6#

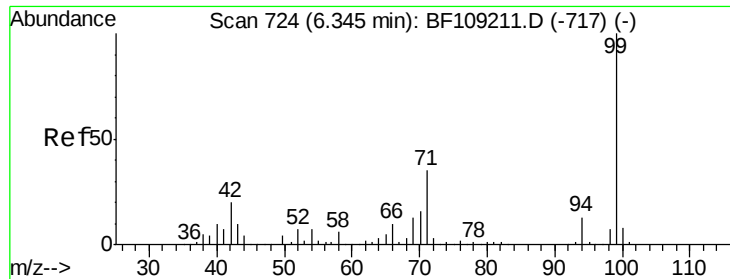


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.255 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF109493.D

Acq: 2 Oct 2018 11:40

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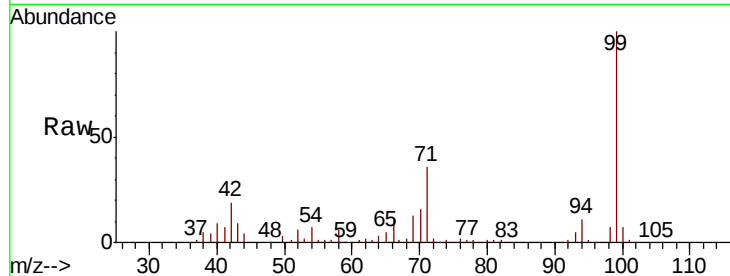
Tot Ion: 99 Resp: 724940

Ion Ratio Lower Upper

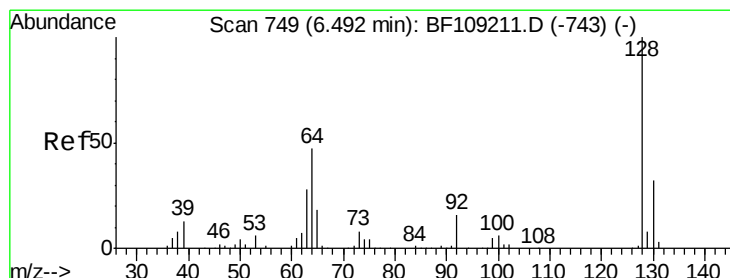
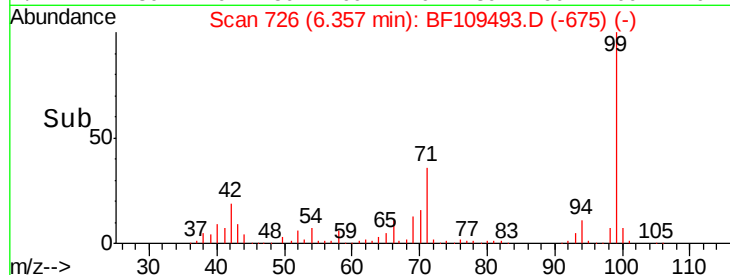
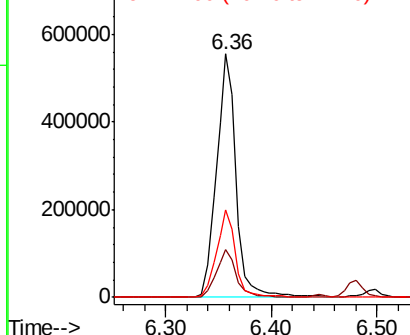
99 100

42 19.4 14.5 21.7

71 36.1 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: 43.121 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF109493.D

Acq: 2 Oct 2018 11:40

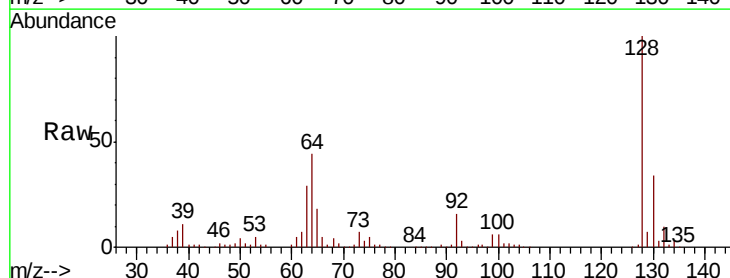
Tgt Ion:128 Resp: 327213

Ion Ratio Lower Upper

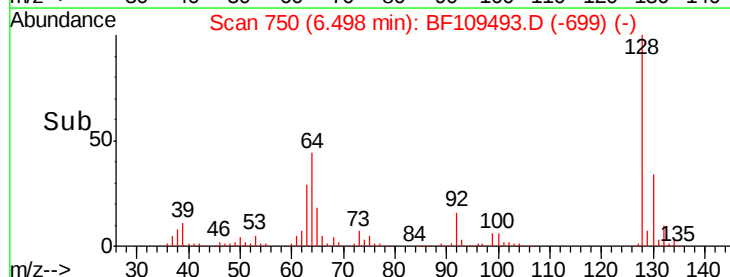
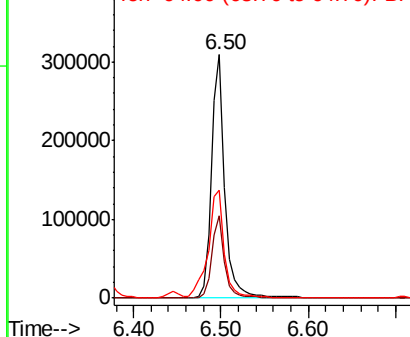
128 100

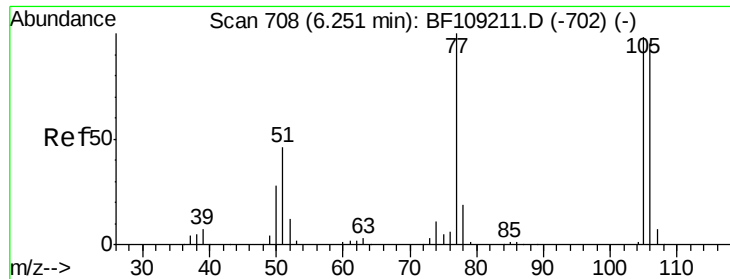
130 33.6 13.0 53.0

64 44.3 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

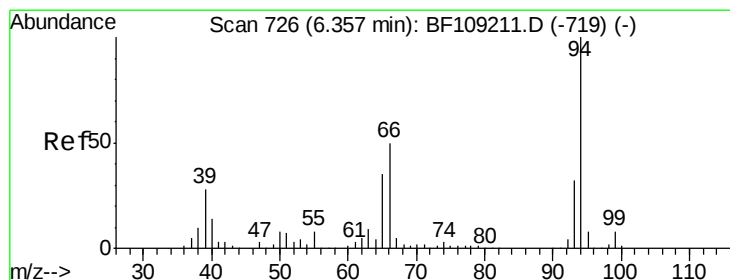
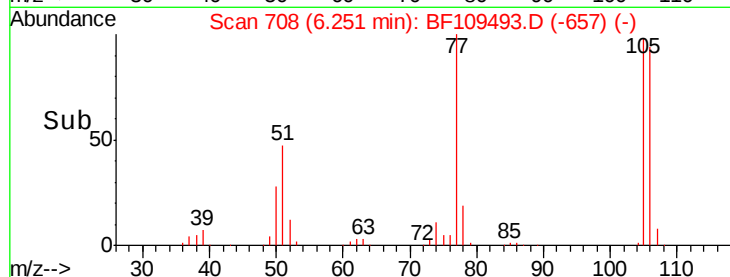
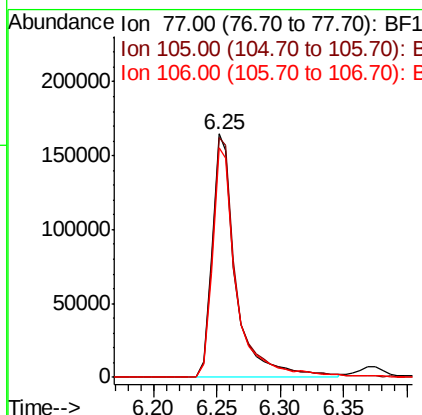
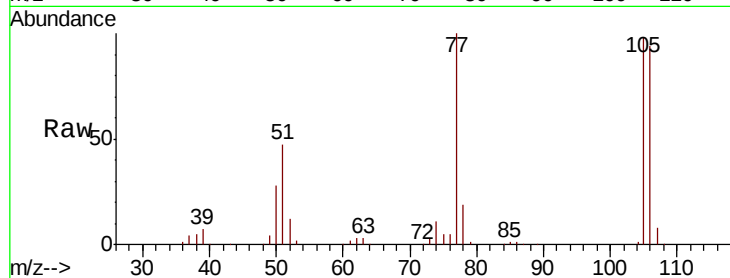




#9
Benzaldehyde
Concen: 38.620 ng
RT: 6.25 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

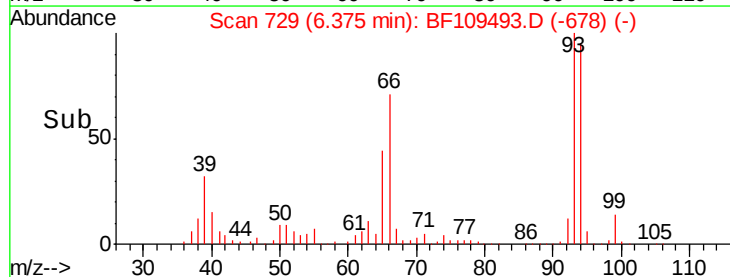
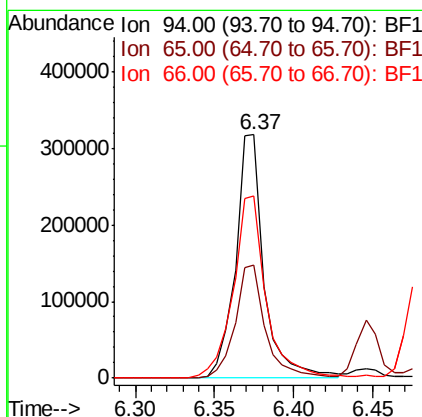
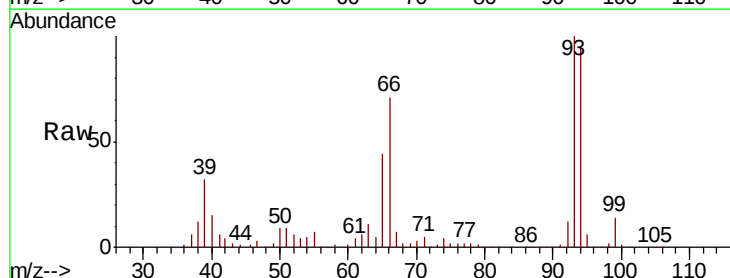
Instrument :
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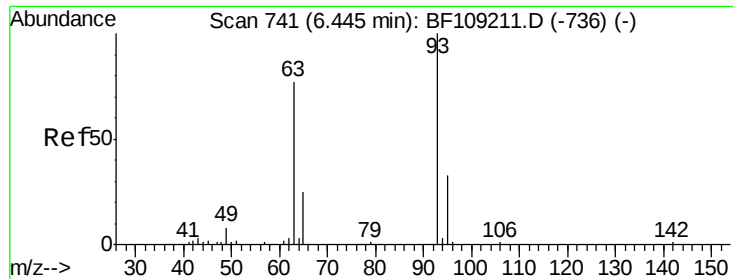
Tot Ion: 77 Resp: 216029
Ion Ratio Lower Upper
77 100
105 98.3 81.1 121.1
106 94.5 74.5 114.5



#10
Phenol
Concen: 40.206 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Tgt Ion: 94 Resp: 396469
Ion Ratio Lower Upper
94 100
65 46.5 7.9 47.9
66 75.0 16.2 56.2#

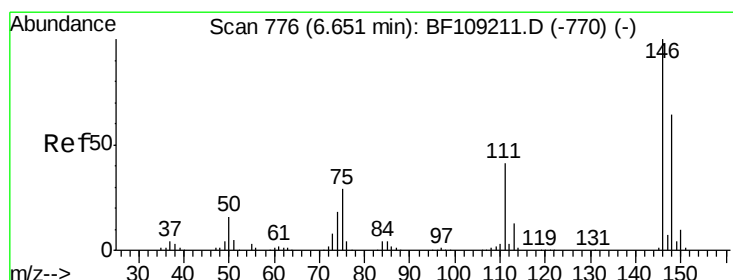
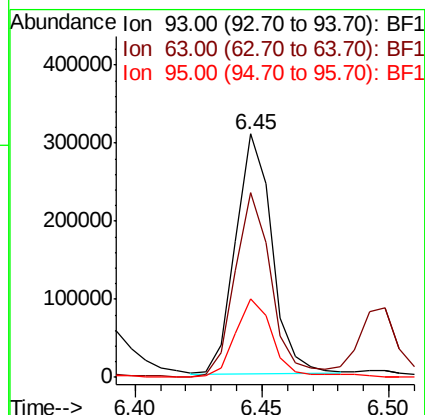
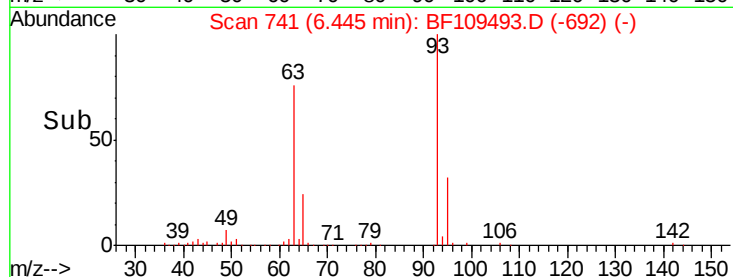
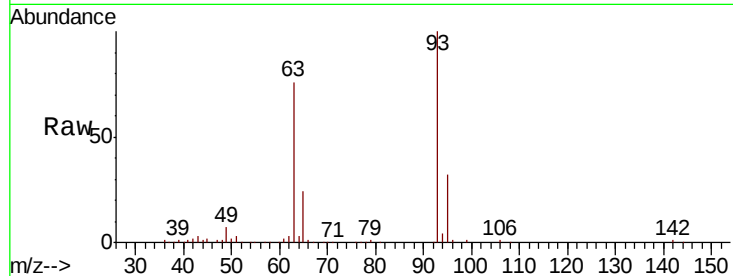




#11
bis(2-Chloroethyl)ether
Concen: 39.563 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

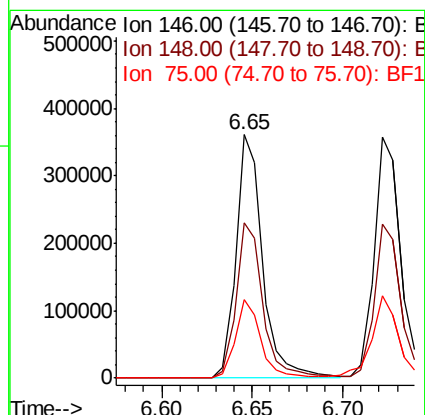
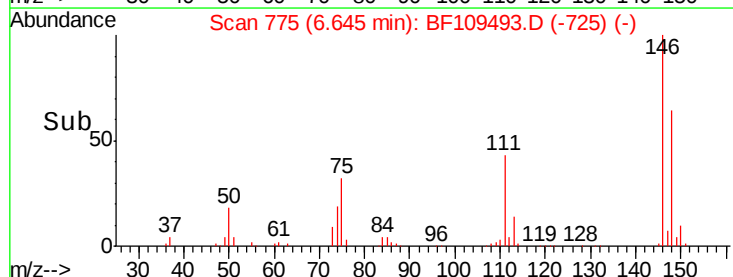
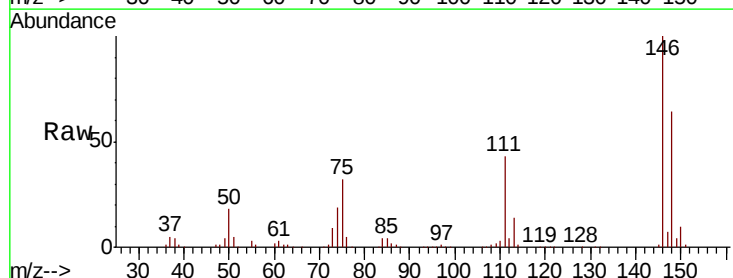
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

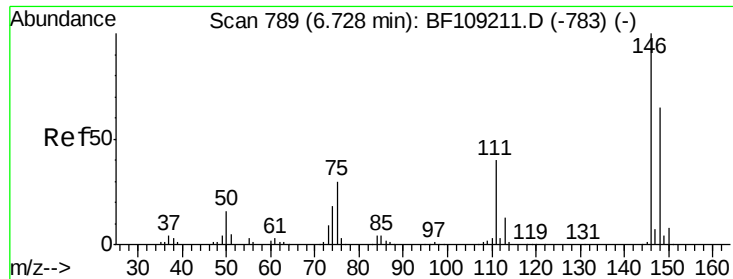
Tot Ion: 93 Resp: 305271
Ion Ratio Lower Upper
93 100
63 75.7 58.6 98.6
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 42.342 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Tgt Ion: 146 Resp: 369942
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
75 32.1 24.2 36.4

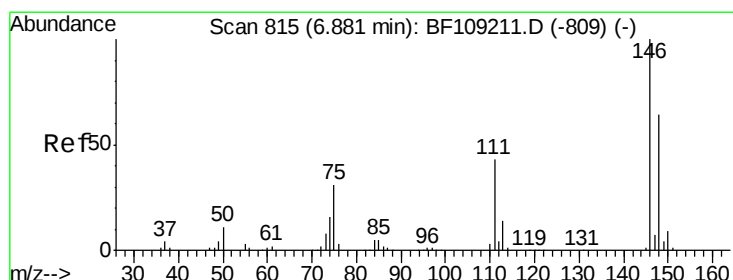
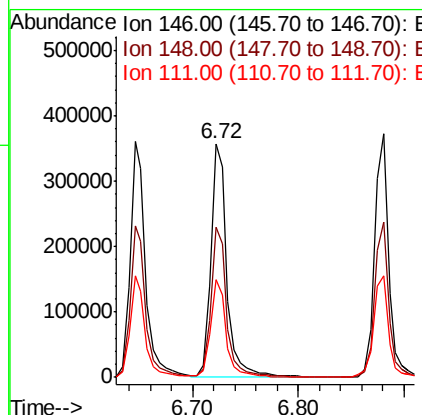
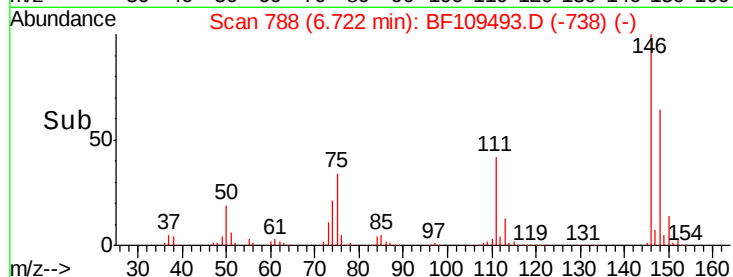
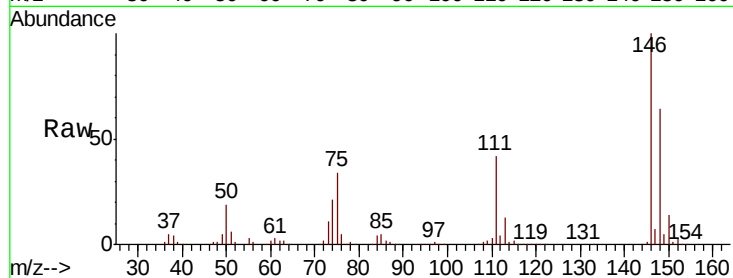




#13
 1,4-Dichlorobenzene
 Concen: 43.091 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF109493.D
 Acq: 2 Oct 2018 11:40

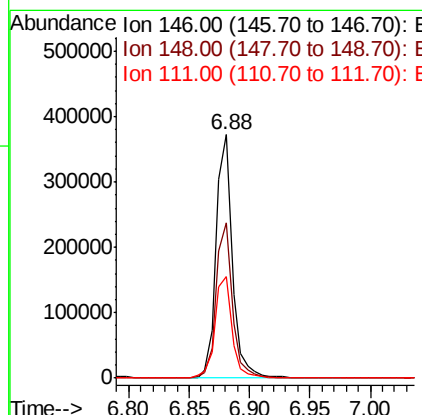
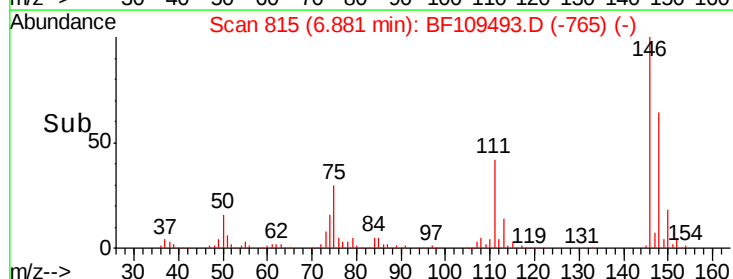
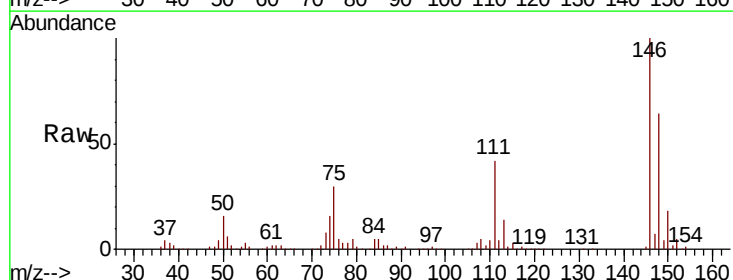
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

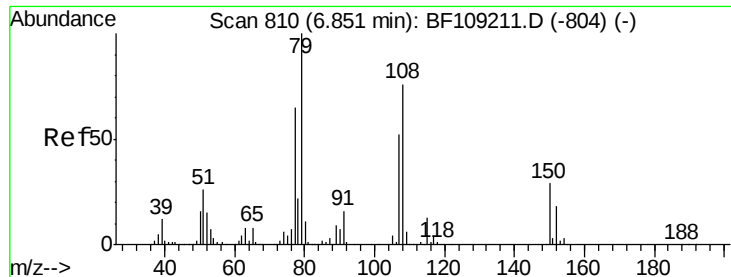
Tot Ion:146 Resp: 379289
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 41.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 42.039 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109493.D
 Acq: 2 Oct 2018 11:40

Tgt Ion:146 Resp: 341343
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 75.8
 111 41.8 36.0 54.0





#15

Benzyl Alcohol

Concen: 41.481 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF109493.D

Acq: 2 Oct 2018 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

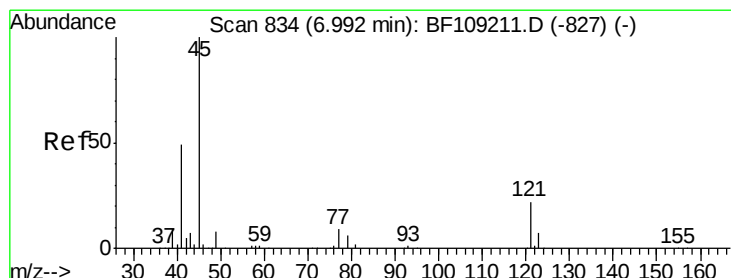
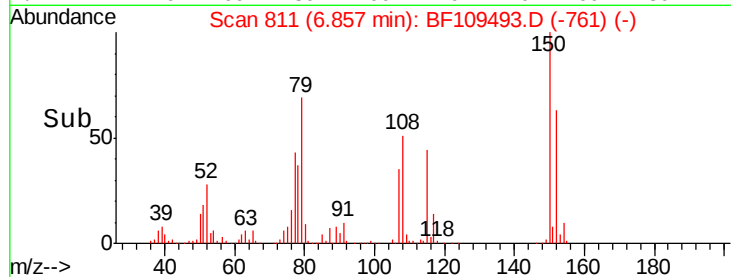
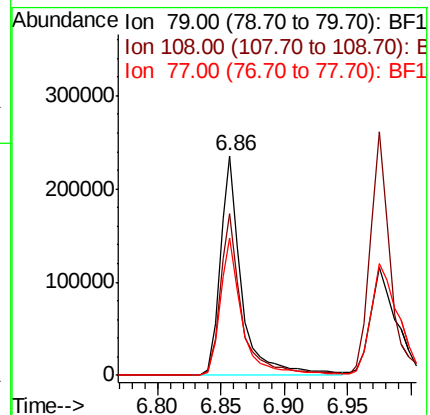
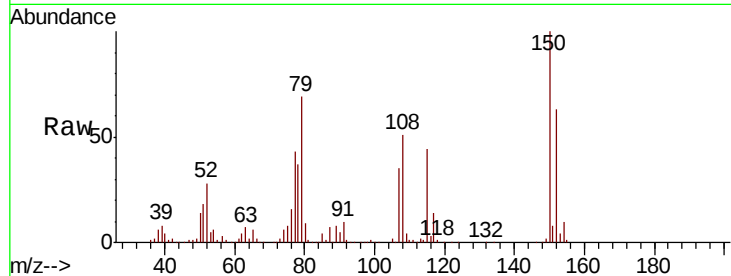
Tot Ion: 79 Resp: 276477

Ion Ratio Lower Upper

79 100

108 73.5 65.1 97.7

77 62.6 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.532 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF109493.D

Acq: 2 Oct 2018 11:40

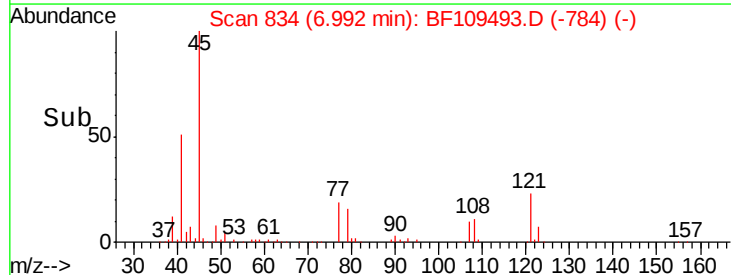
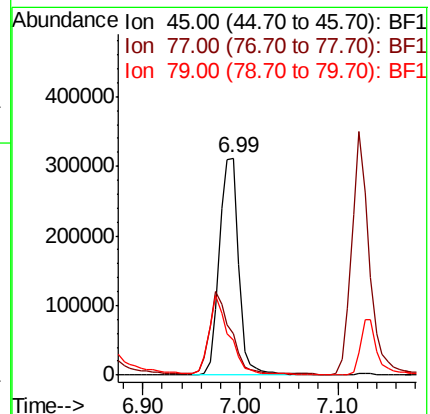
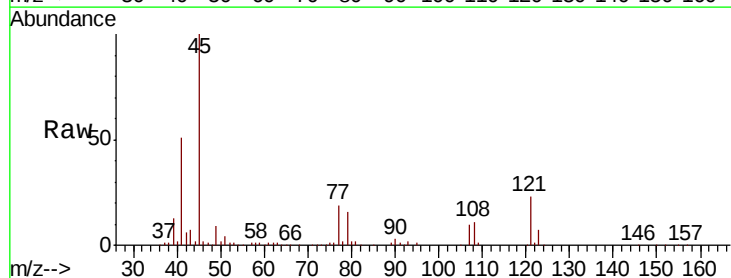
Tgt Ion: 45 Resp: 432672

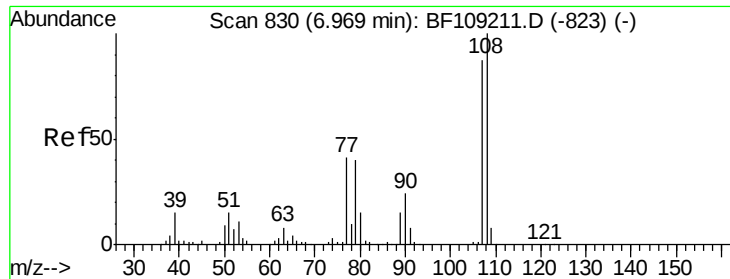
Ion Ratio Lower Upper

45 100

77 19.1 0.0 32.9

79 16.1 0.0 29.6





#17

2-Methylphenol

Concen: 40.540 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF109493.D

Acq: 2 Oct 2018 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 248915

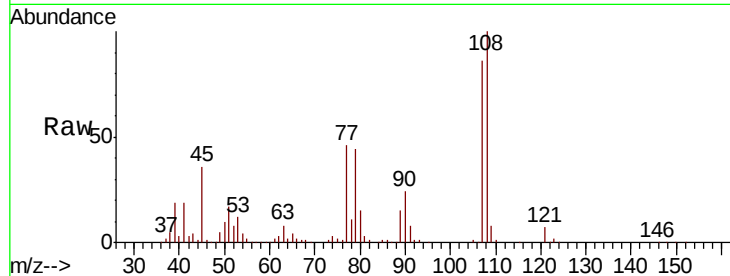
Ion Ratio Lower Upper

107 100

108 116.4 91.7 137.5

77 53.6 33.8 50.8#

79 51.4 33.8 50.8#

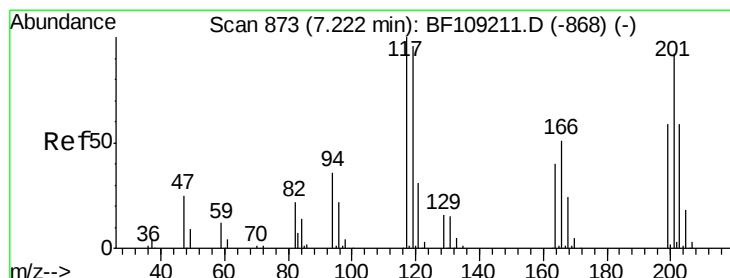
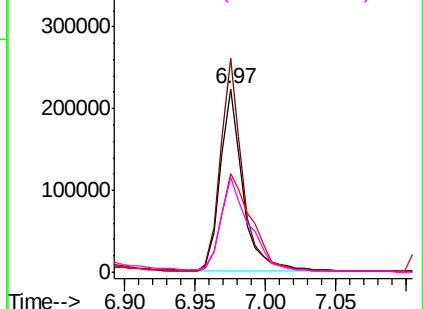
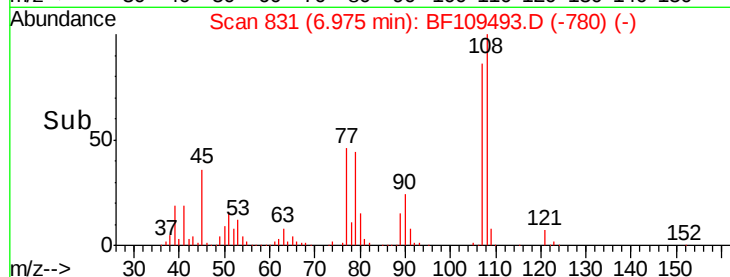


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.485 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF109493.D

Acq: 2 Oct 2018 11:40

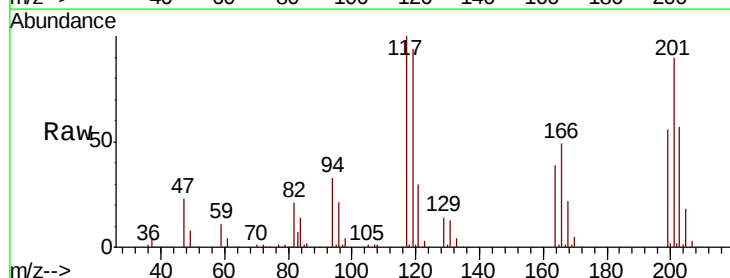
Tgt Ion:117 Resp: 137951

Ion Ratio Lower Upper

117 100

119 93.7 75.8 113.8

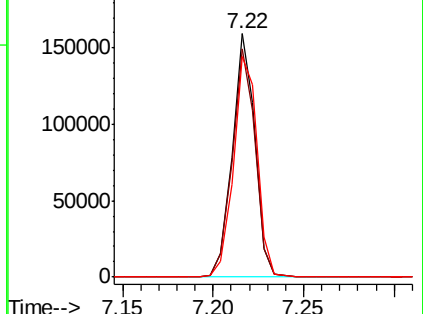
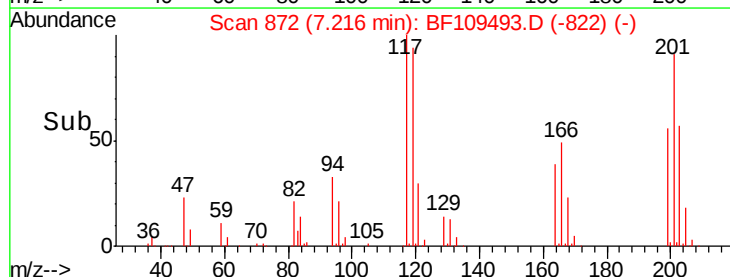
201 90.4 75.7 113.5

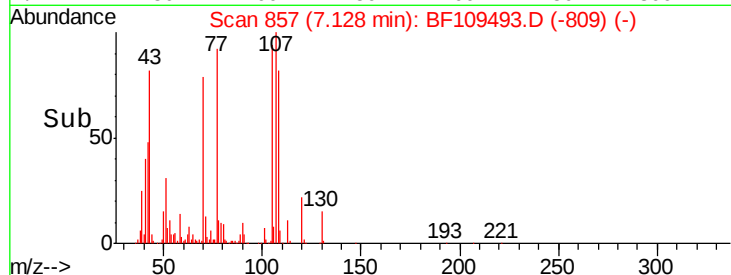
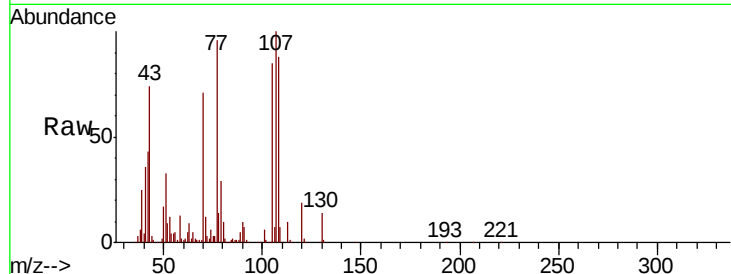
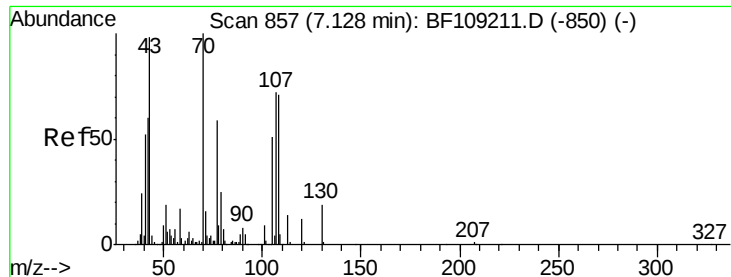


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

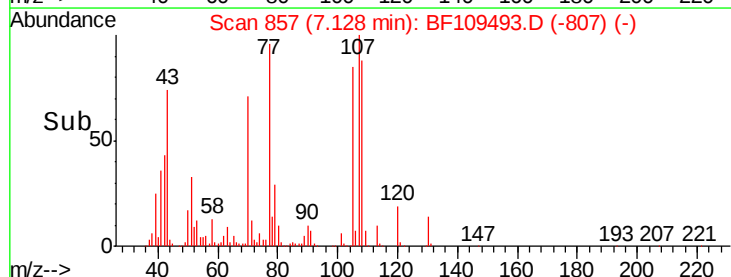
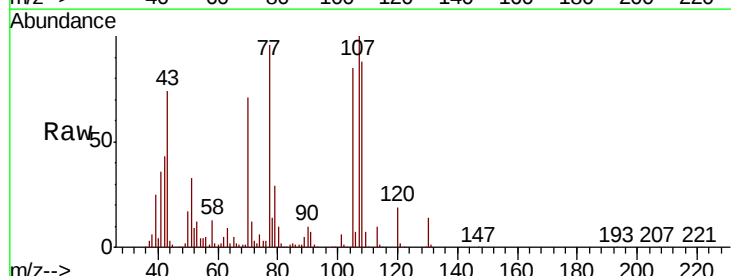
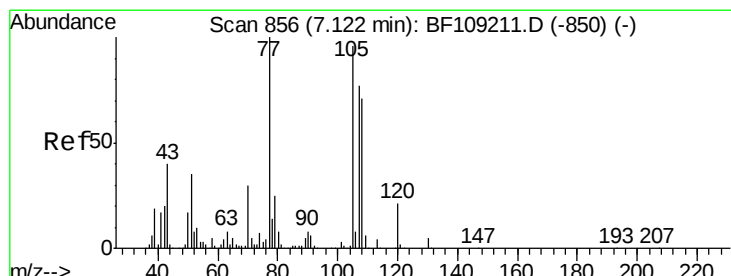
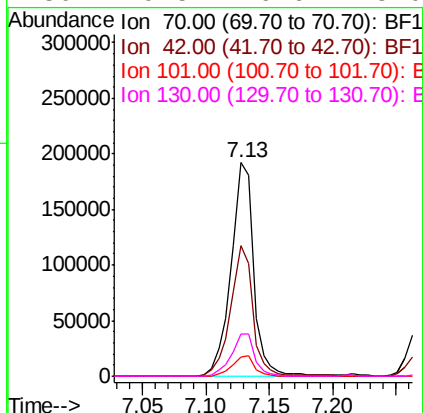




#19
n-Nitroso-di-n-propylamine
Concen: 41.639 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

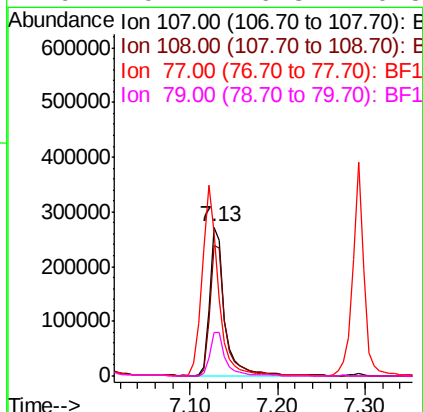
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

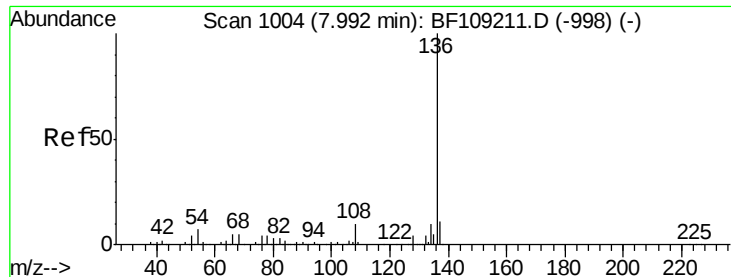
Tot Ion	Ratio	Lower	Upper
70	100		
42	61.0	47.5	71.3
101	9.1	7.4	11.2
130	19.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 42.939 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	68.2	108.2
77	96.4	26.7	66.7#
79	29.4	6.3	46.3

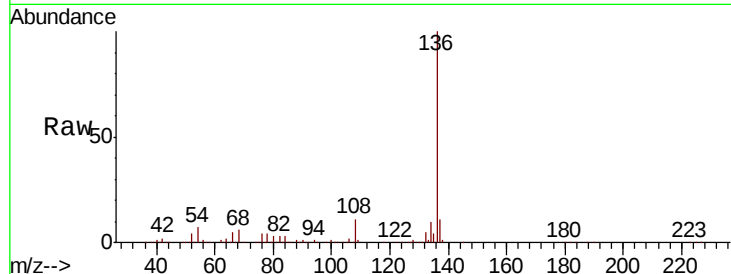




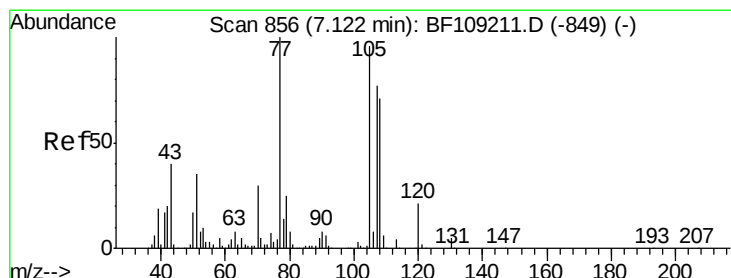
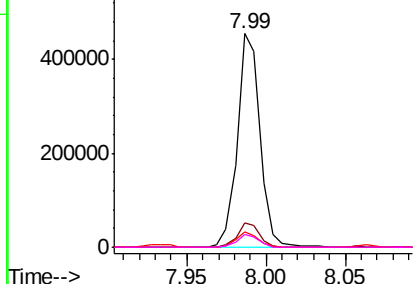
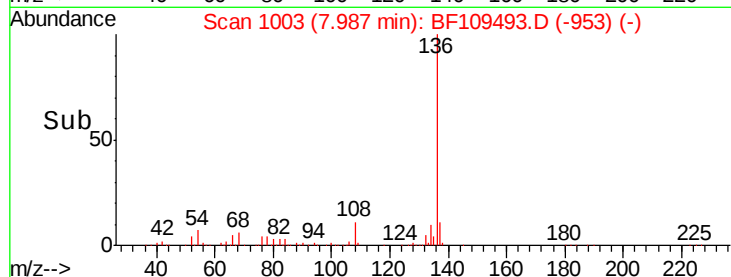
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	451504
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	7.3	6.6 9.8
68	5.8	5.0 7.4

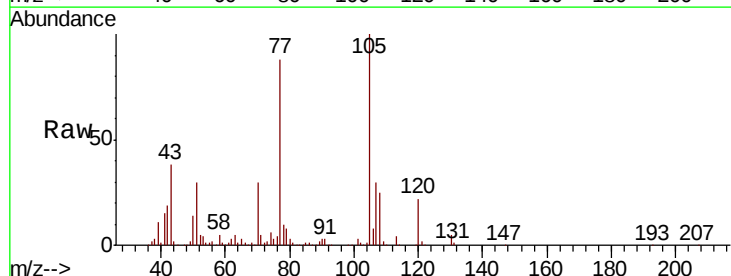


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

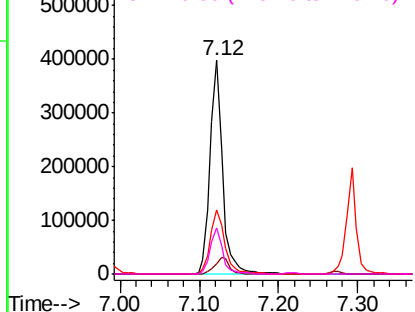
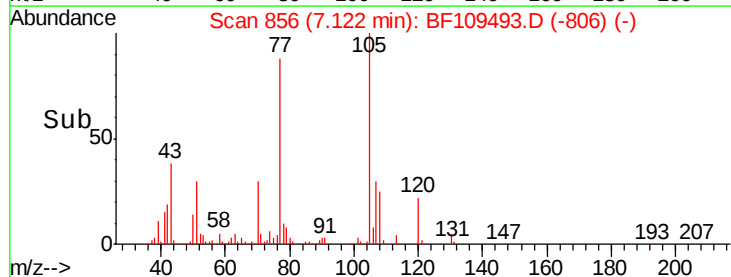


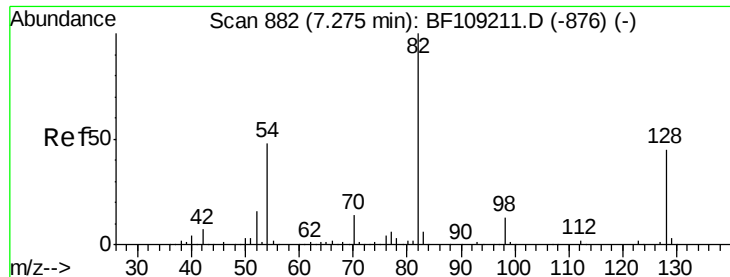
#22
Acetophenone
Concen: 41.977 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Tgt Ion:105	Resp:	438189
Ion Ratio	Lower	Upper
105	100	
71	4.5	4.4 6.6
51	30.1	22.3 33.5
120	21.5	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

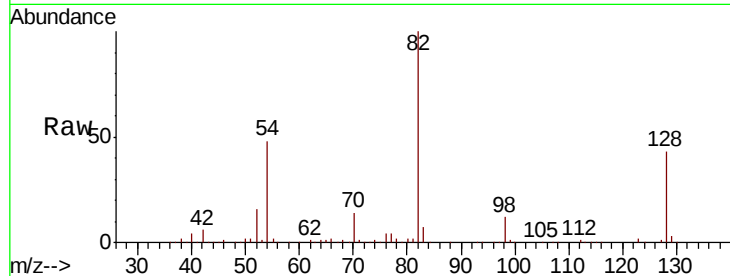




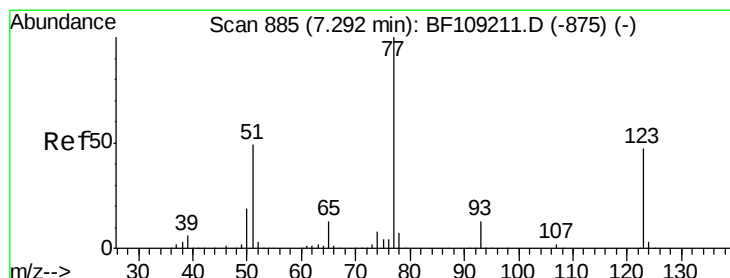
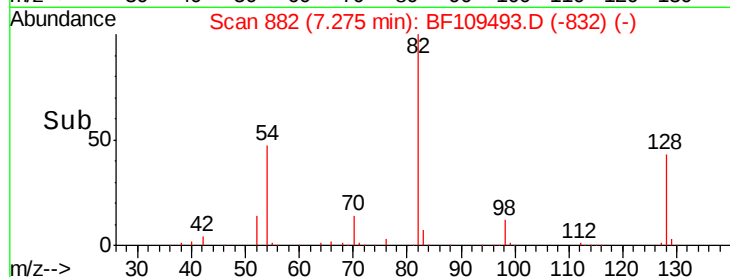
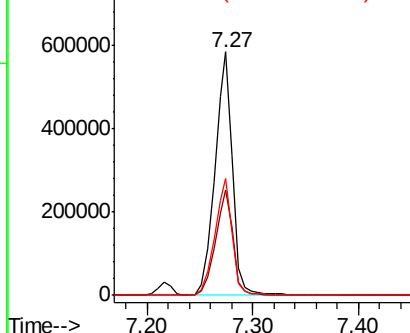
#23
Nitrobenzene-d5
Concen: 89.517 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 684672
Ion Ratio Lower Upper
82 100
128 43.3 36.1 54.1
54 48.3 41.4 62.2

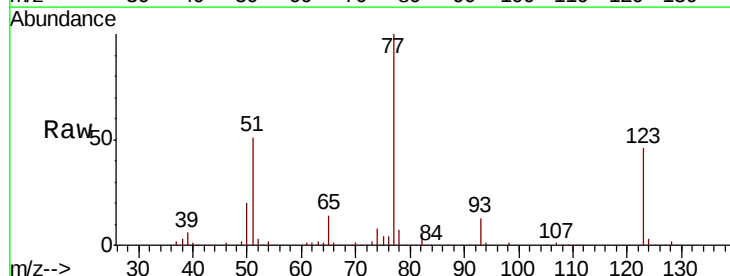


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

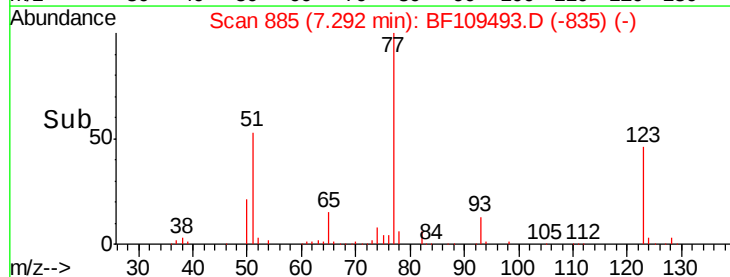
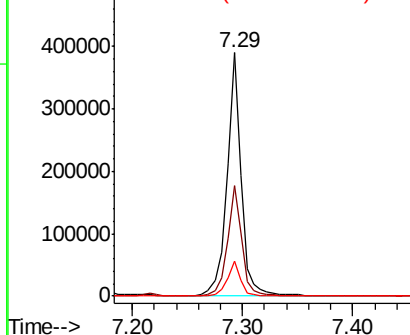


#24
Nitrobenzene
Concen: 42.795 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Tgt Ion: 77 Resp: 348026
Ion Ratio Lower Upper
77 100
123 45.6 37.9 56.9
65 14.2 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: 41.070 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF109493.D

Acq: 2 Oct 2018 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

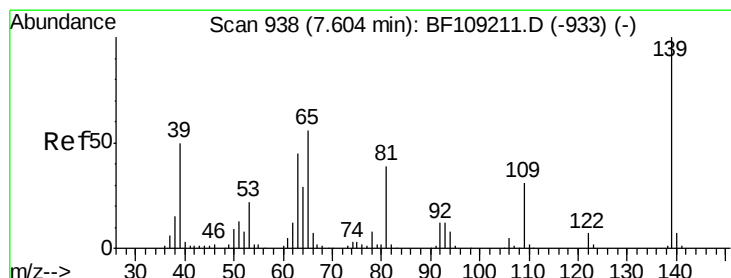
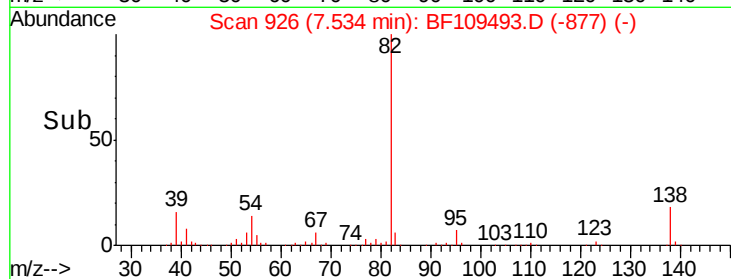
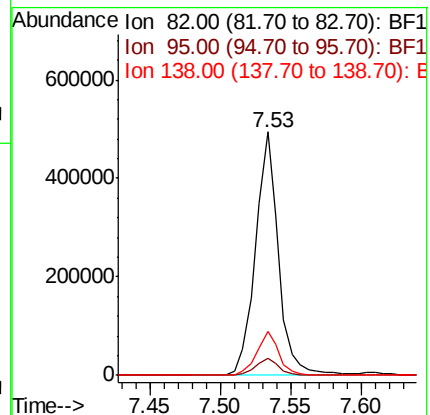
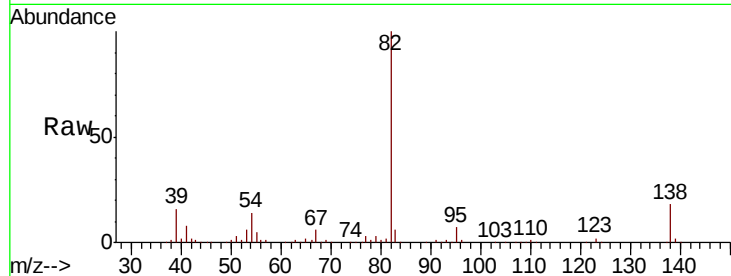
Tot Ion: 82 Resp: 565652

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 17.9 14.9 22.3



#26

2-Nitrophenol

Concen: 54.336 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF109493.D

Acq: 2 Oct 2018 11:40

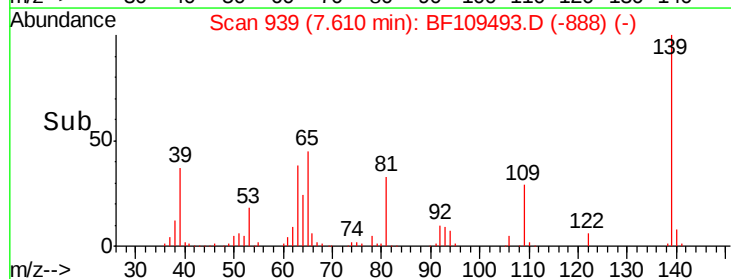
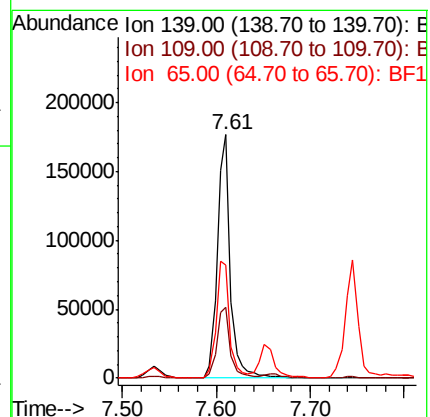
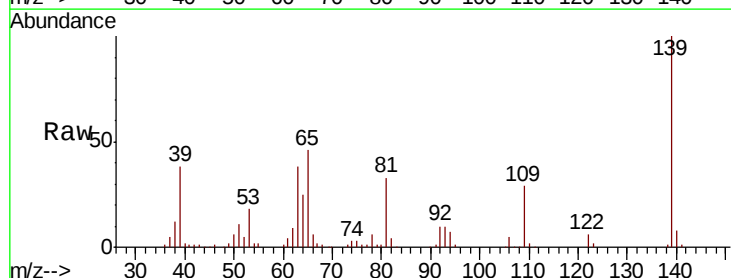
Tgt Ion: 139 Resp: 174752

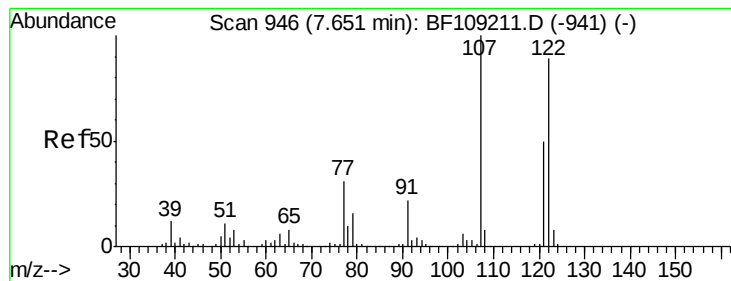
Ion Ratio Lower Upper

139 100

109 29.0 22.7 34.1

65 46.4 40.5 60.7

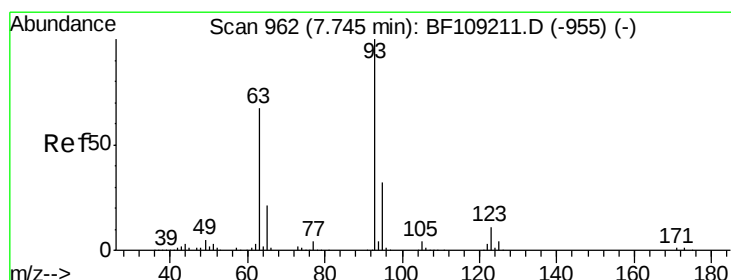
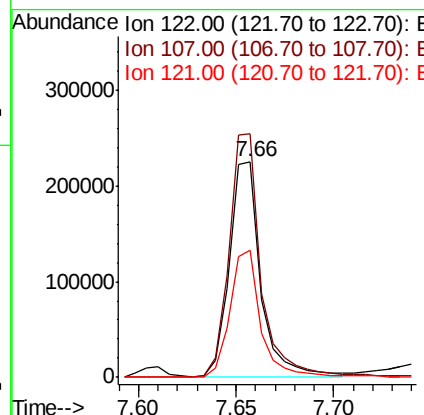
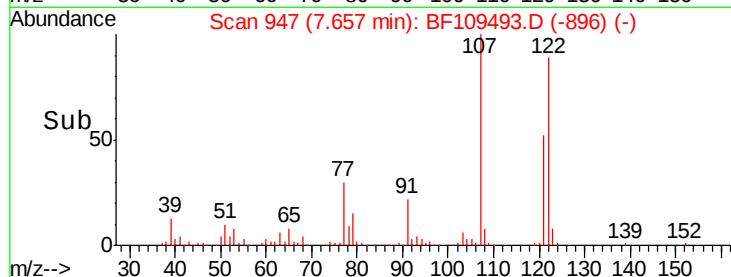
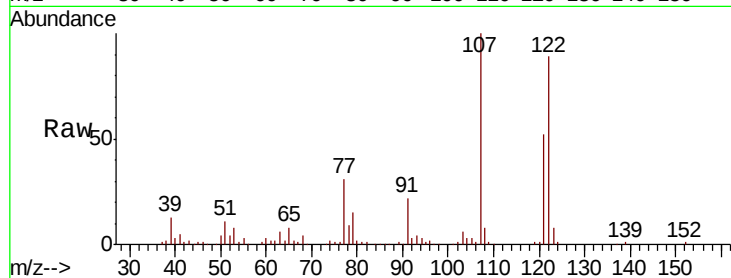




#27
 2,4-Dimethylphenol
 Concen: 41.940 ng
 RT: 7.66 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF109493.D
 Acq: 2 Oct 2018 11:40

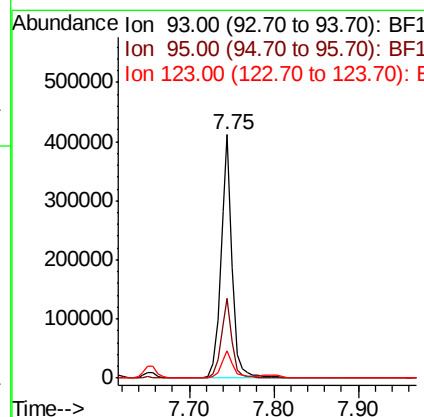
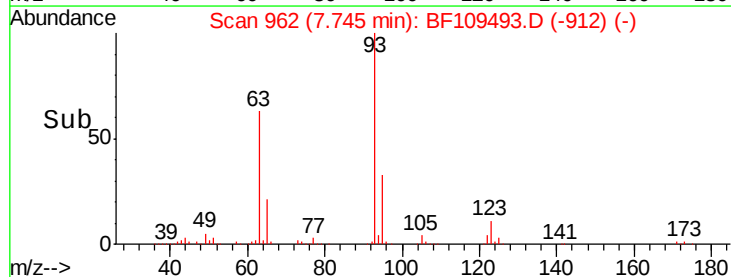
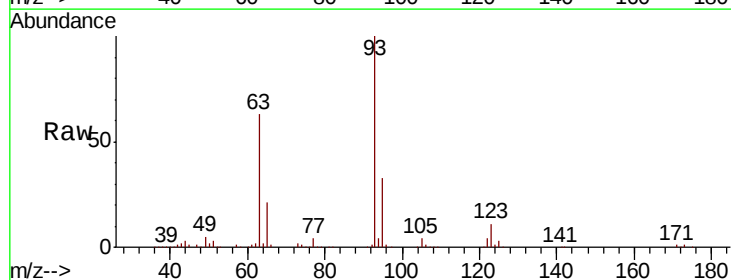
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

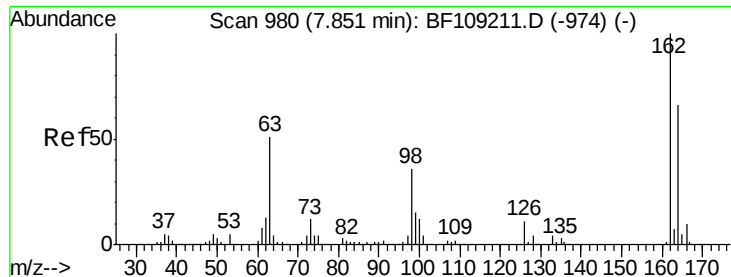
Tot Ion:122 Resp: 251695
 Ion Ratio Lower Upper
 122 100
 107 112.7 91.2 136.8
 121 58.9 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.593 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF109493.D
 Acq: 2 Oct 2018 11:40

Tgt Ion: 93 Resp: 388329
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 11.3 9.8 14.6

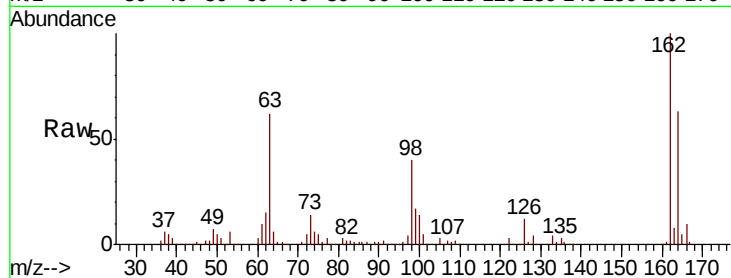




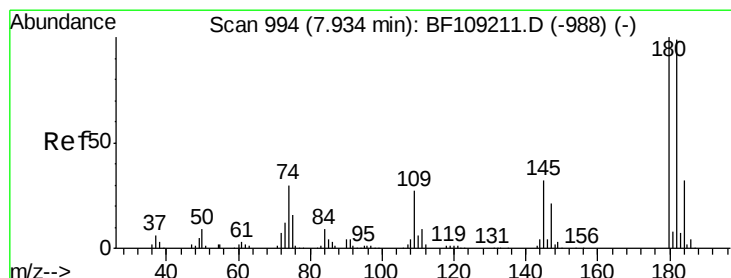
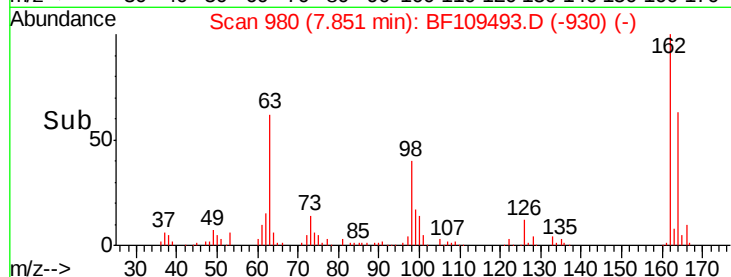
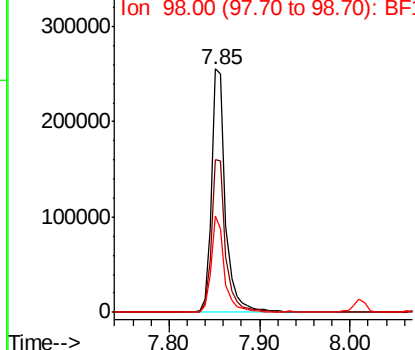
#29
 2,4-Dichlorophenol
 Concen: 44.408 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109493.D
 Acq: 2 Oct 2018 11:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 280003
 Ion Ratio Lower Upper
 162 100
 164 62.9 42.7 82.7
 98 39.8 18.1 58.1

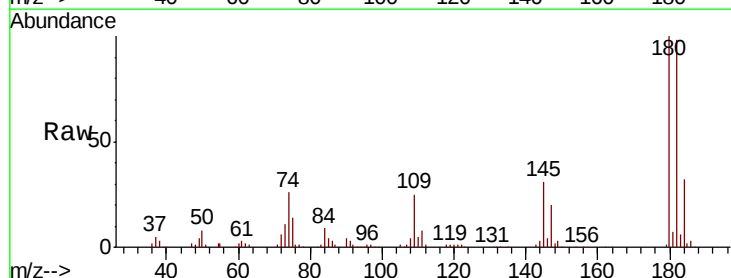


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

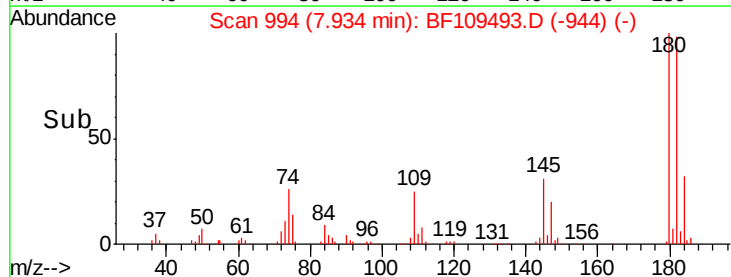
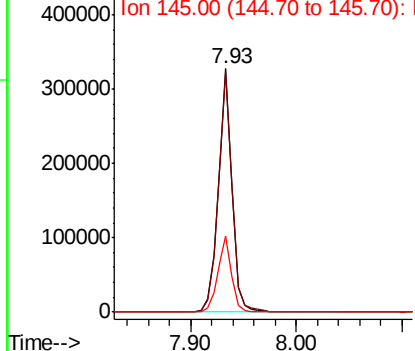


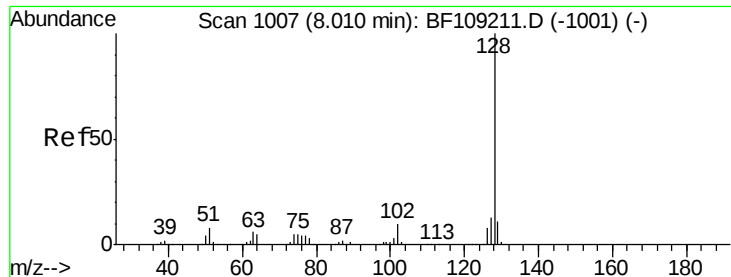
#30
 1,2,4-Trichlorobenzene
 Concen: 43.118 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109493.D
 Acq: 2 Oct 2018 11:40

Tgt Ion:180 Resp: 303795
 Ion Ratio Lower Upper
 180 100
 182 98.2 76.8 115.2
 145 31.4 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

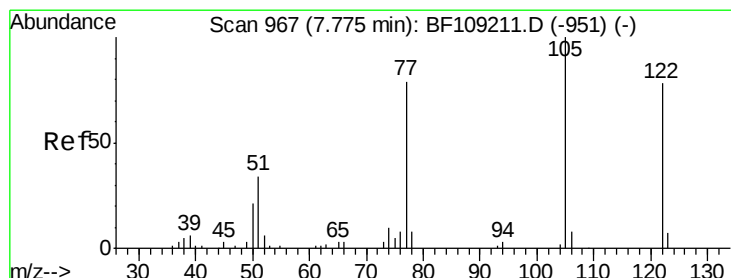
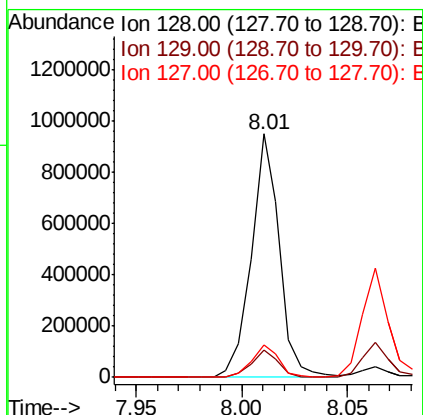
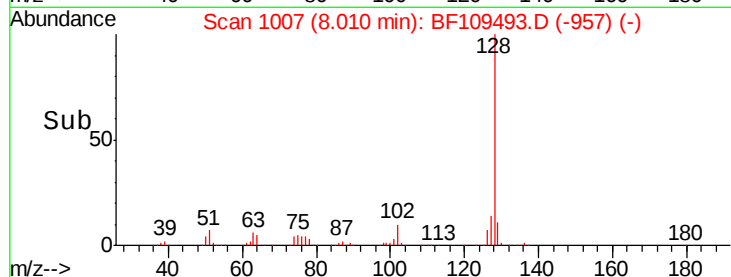
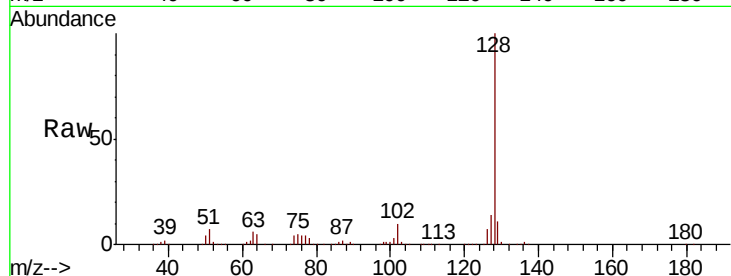




#31
Naphthalene
Concen: 41.606 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

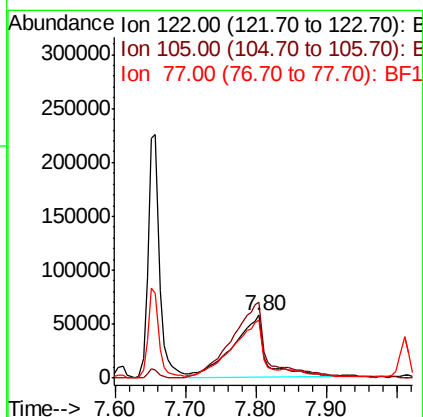
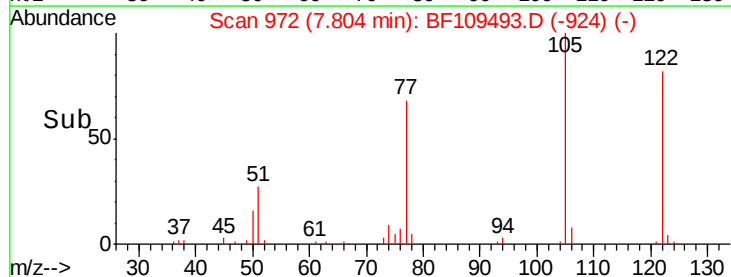
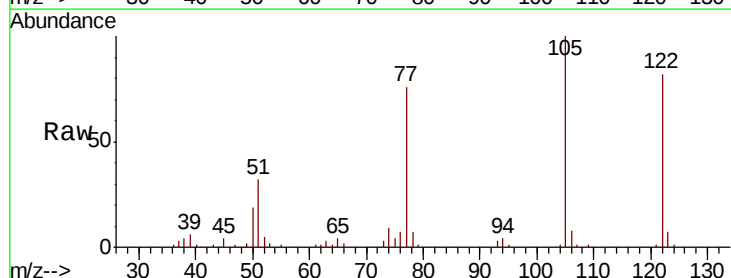
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

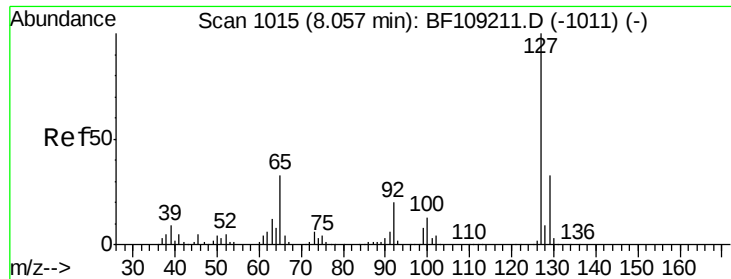
Tot Ion:128 Resp: 877828
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 46.005 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Tgt Ion:122 Resp: 186271
Ion Ratio Lower Upper
122 100
105 122.1 101.1 141.1
77 92.3 70.7 110.7

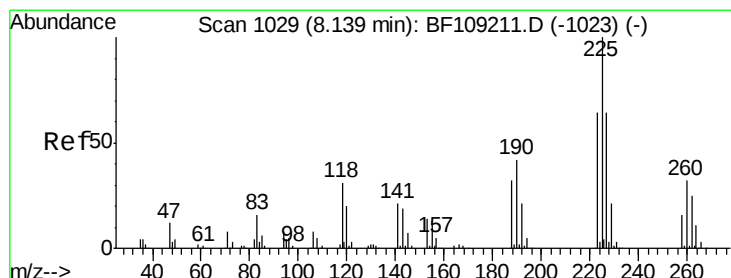
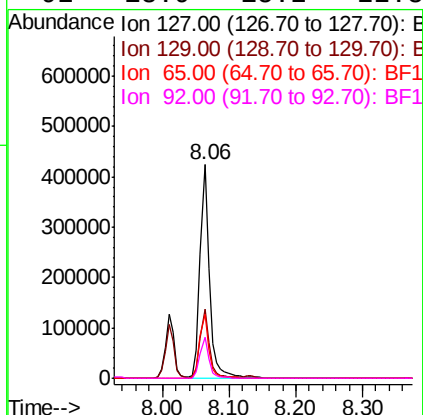
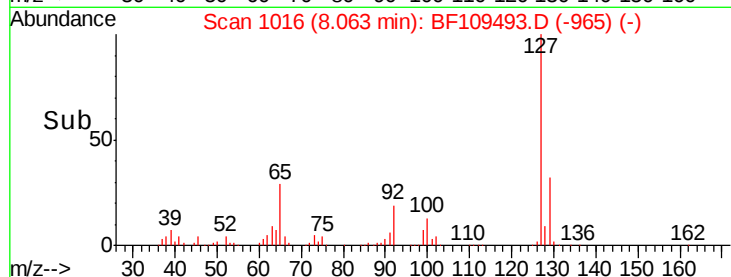
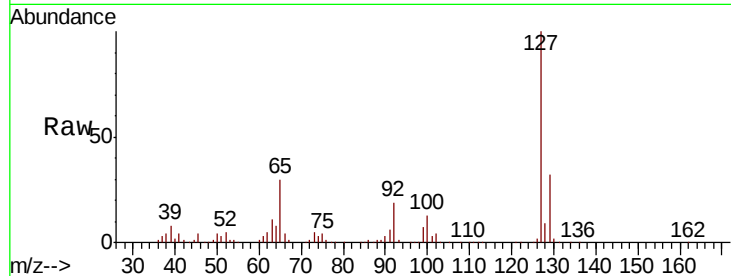




#33
4-Chloroaniline
Concen: 43.257 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

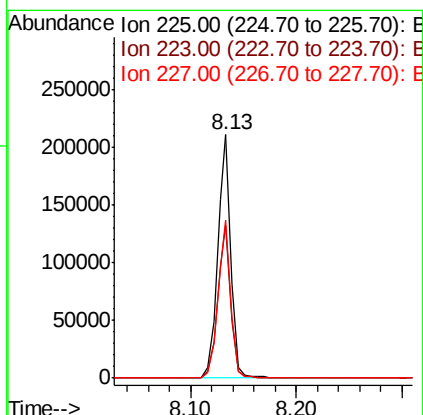
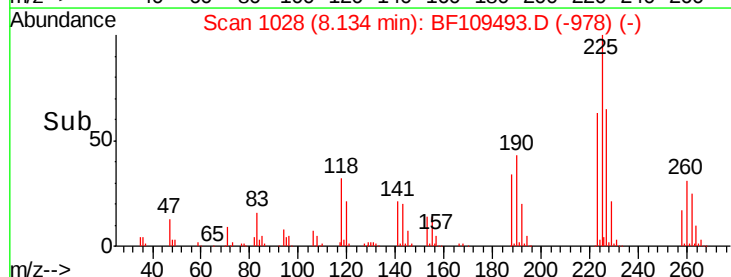
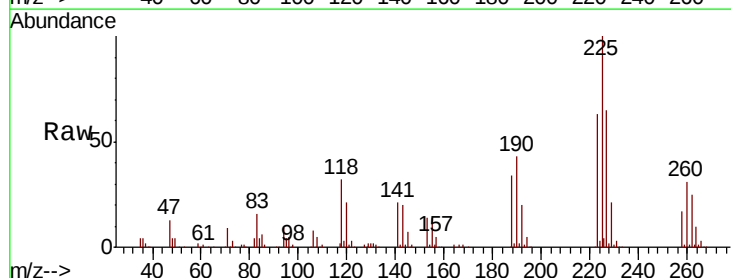
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

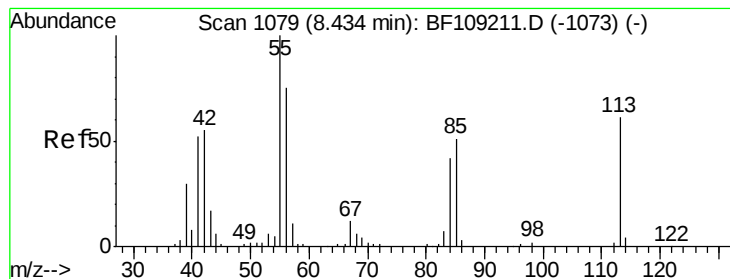
Tot Ion:	127	Resp:	398701
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	30.0	25.0	37.4
92	18.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 43.819 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Tgt Ion:	225	Resp:	186117
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	64.7	51.9	77.9





#35

Caprolactam

Concen: 43.056 ng

RT: 8.45 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF109493.D

Acq: 2 Oct 2018 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

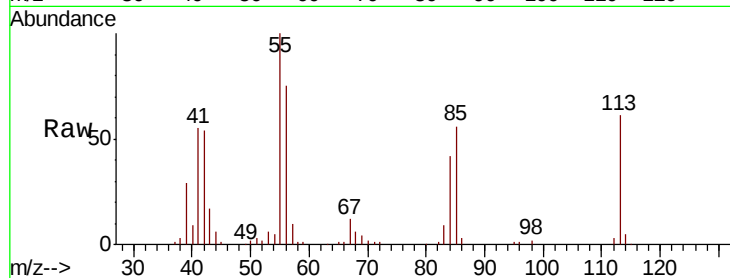
Tot Ion:113 Resp: 86675

Ion Ratio Lower Upper

113 100

55 163.5 163.3 203.3

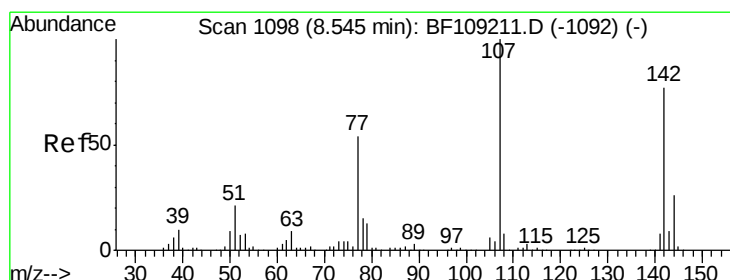
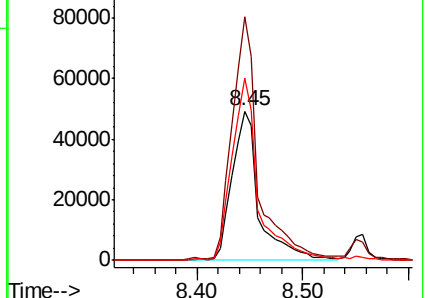
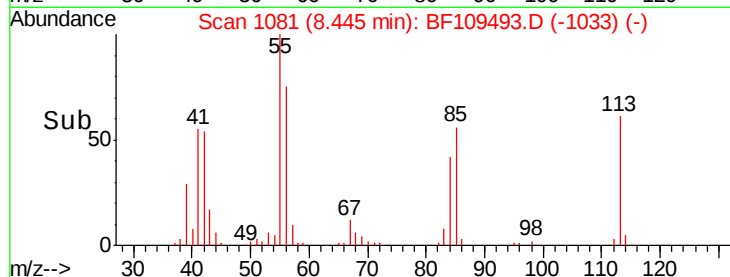
56 122.5 115.7 155.7



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: 44.144 ng

RT: 8.56 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF109493.D

Acq: 2 Oct 2018 11:40

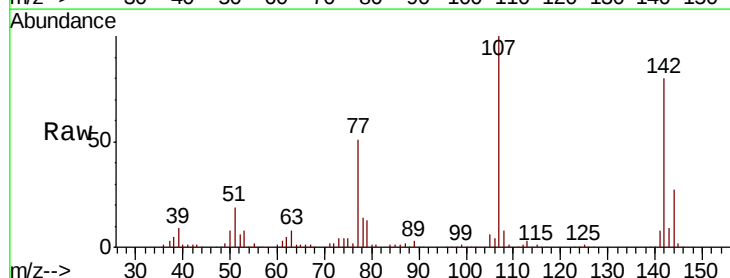
Tgt Ion:107 Resp: 292894

Ion Ratio Lower Upper

107 100

144 27.1 20.5 30.7

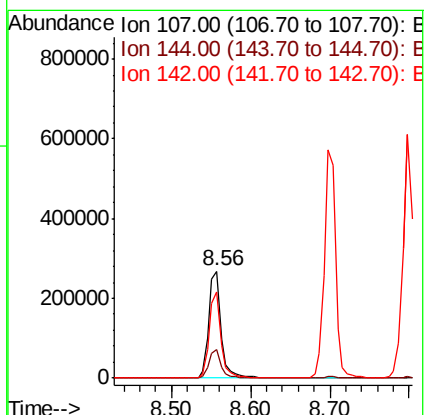
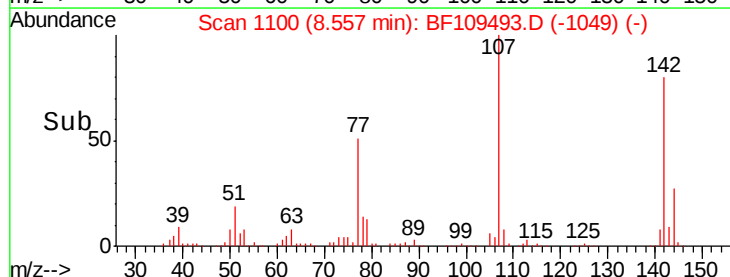
142 79.9 62.0 93.0

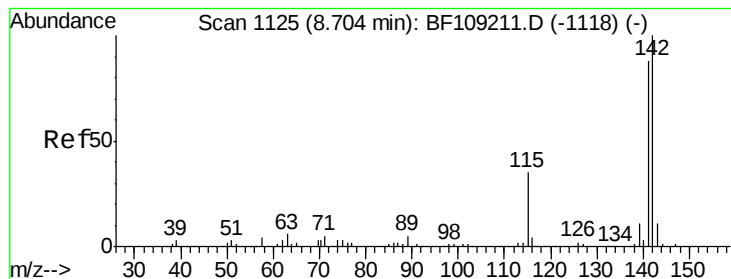


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.902 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF109493.D

Acq: 2 Oct 2018 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

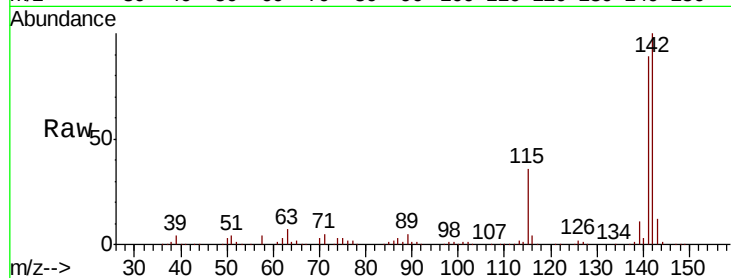
Tot Ion:142 Resp: 569924

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2

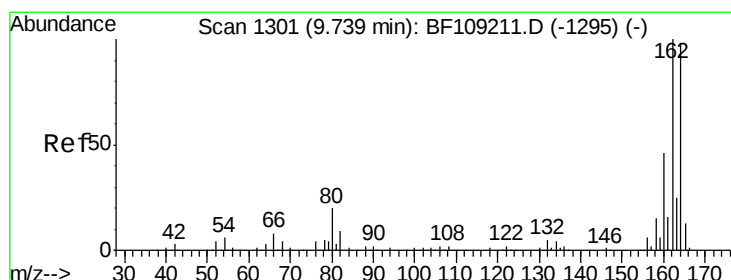
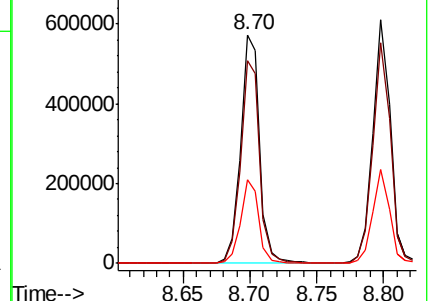
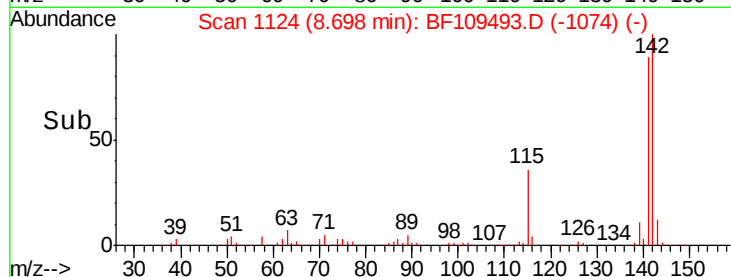
115 36.5 26.1 39.1



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: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF109493.D

Acq: 2 Oct 2018 11:40

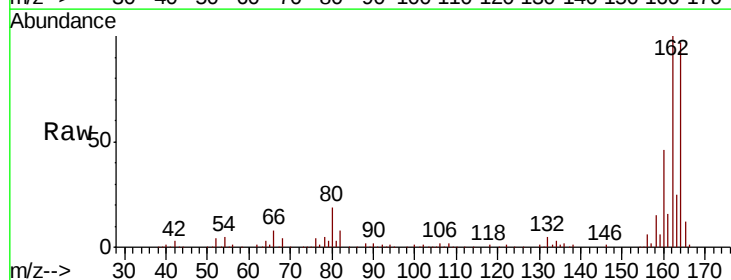
Tgt Ion:164 Resp: 220877

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

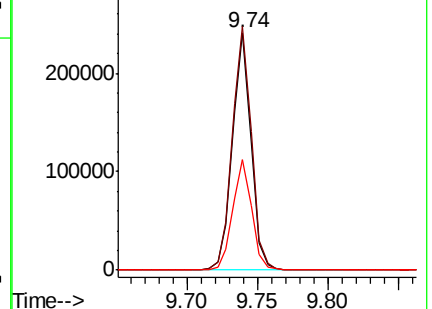
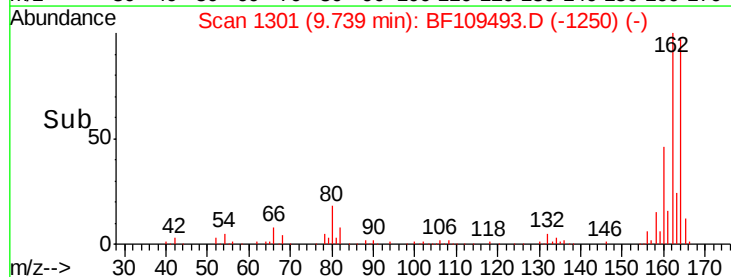
160 46.7 38.3 57.5

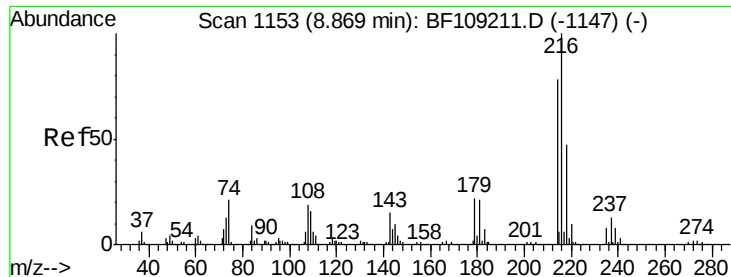


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

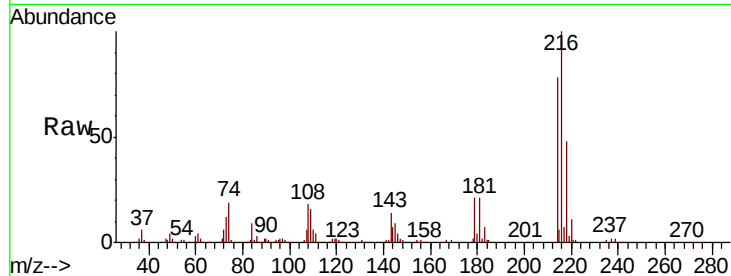




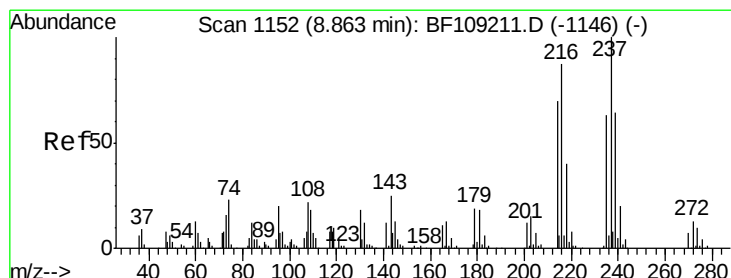
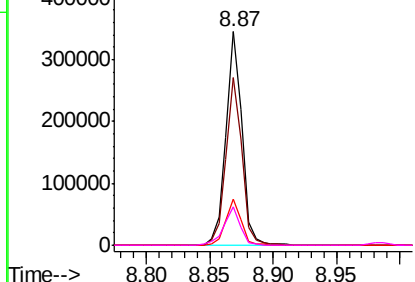
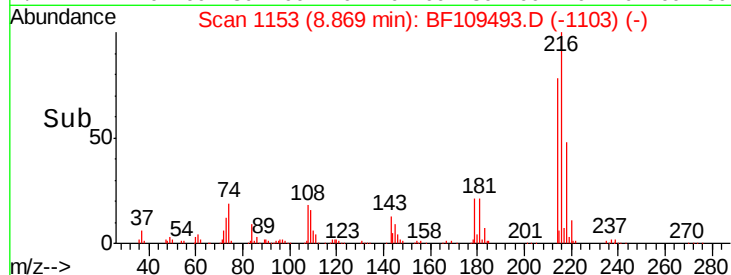
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.068 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF109493.D
 Acq: 2 Oct 2018 11:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	302745
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	20.6	18.1	27.1
108	18.5	17.2	25.8

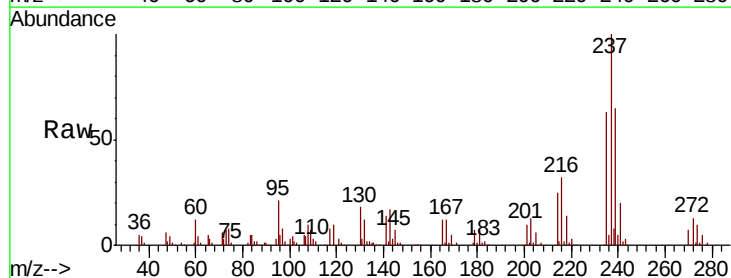


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

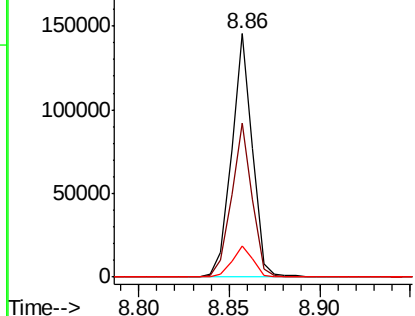
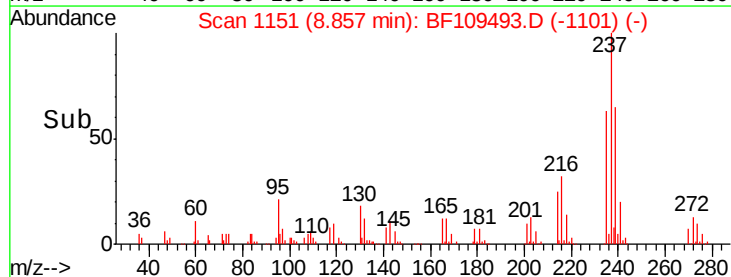


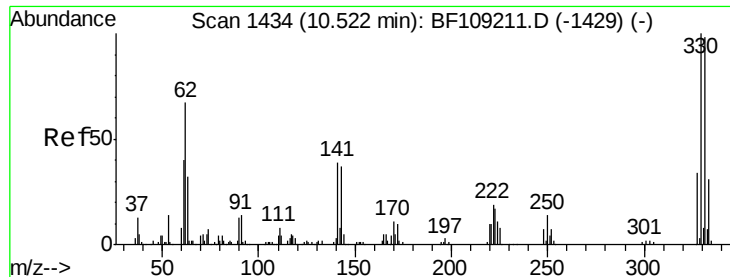
#40
 Hexachlorocyclopentadiene
 Concen: 37.584 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF109493.D
 Acq: 2 Oct 2018 11:40

Tgt Ion:	237	Resp:	115234
Ion	Ratio	Lower	Upper
237	100		
235	63.3	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

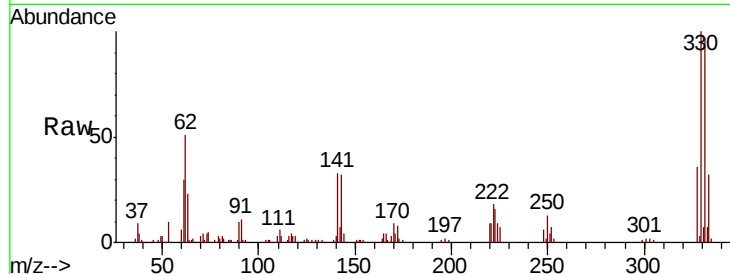




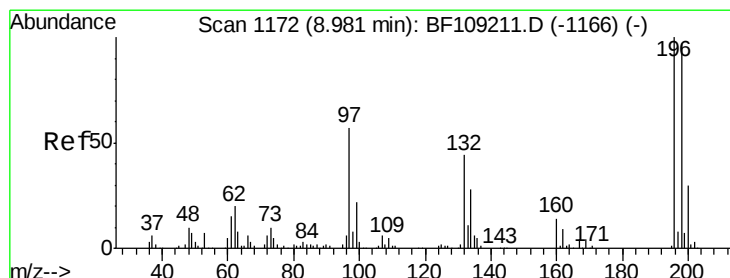
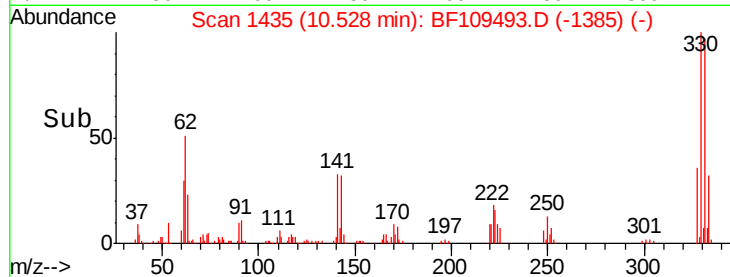
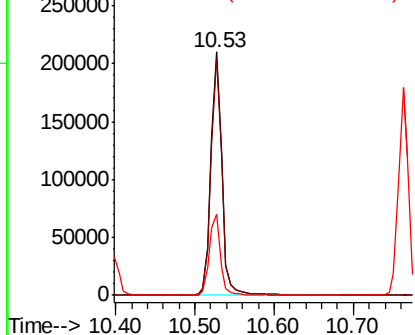
#41
 2,4,6-Tribromophenol
 Concen: 93.257 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109493.D
 Acq: 2 Oct 2018 11:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	33.2	29.9	44.9

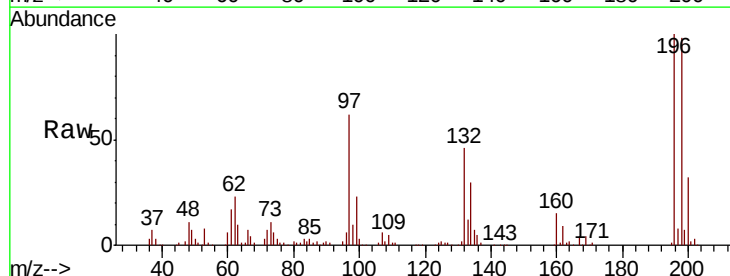


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

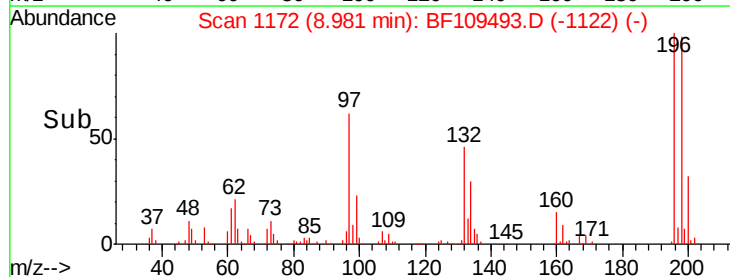
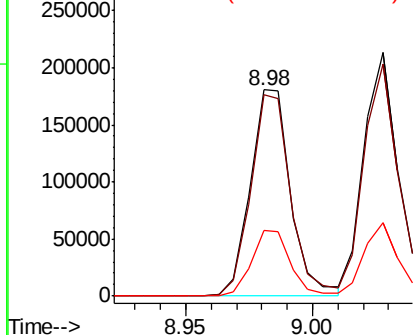


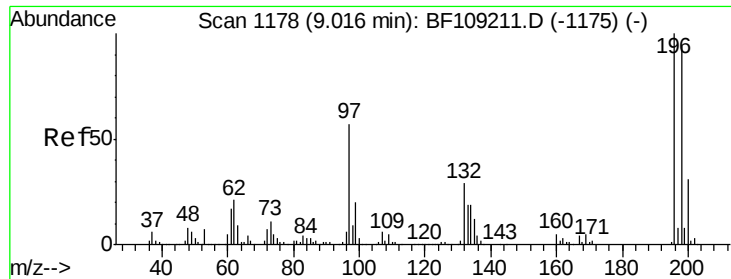
#42
 2,4,6-Trichlorophenol
 Concen: 44.386 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF109493.D
 Acq: 2 Oct 2018 11:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	75.7	113.5
200	31.7	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

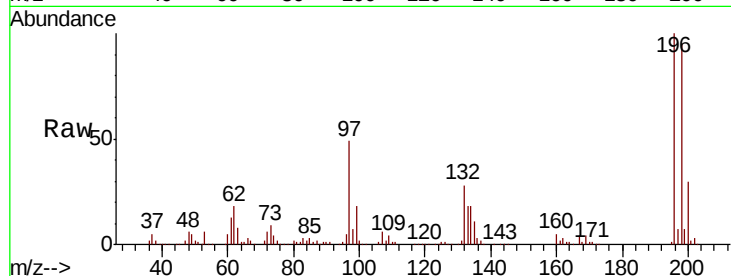




#43
2,4,5-Trichlorophenol
Concen: 45.086 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	74.6	112.0
97	49.0	42.9	64.3
132	27.8	26.3	39.5



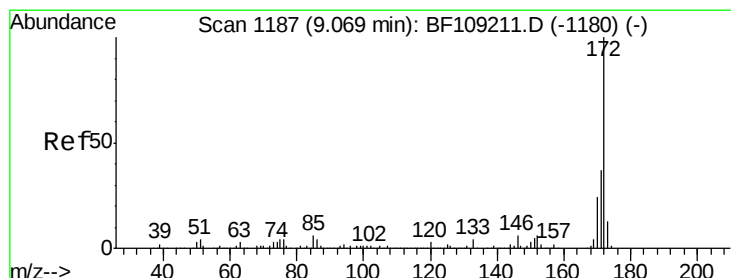
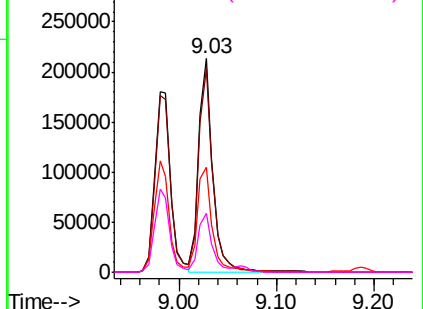
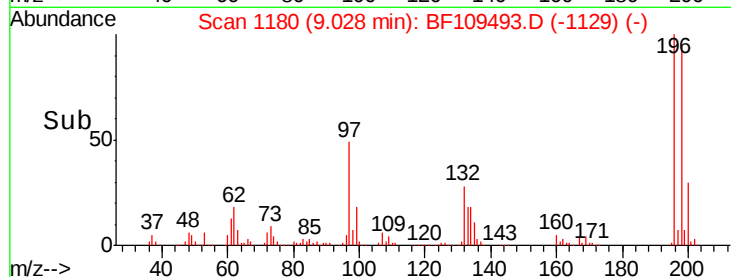
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

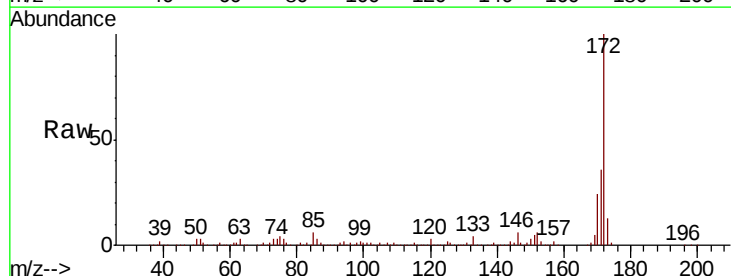
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 84.865 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.9	19.6	29.4

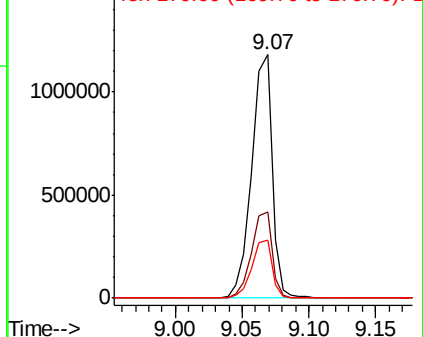
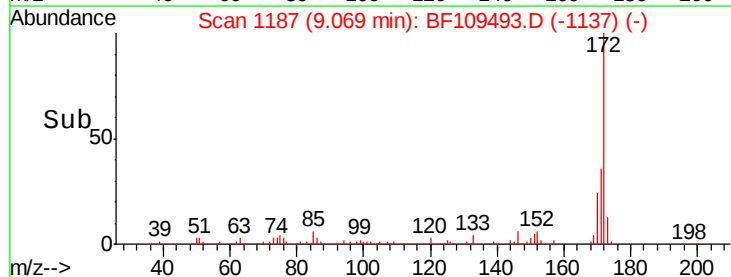


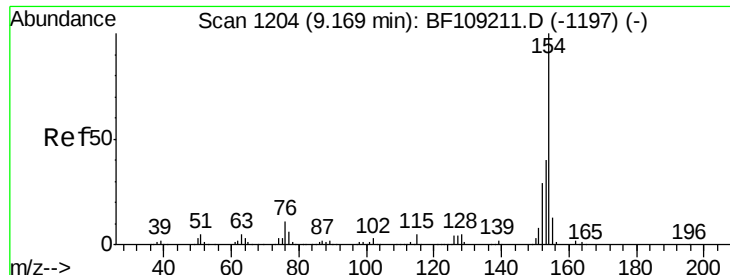
Abundance

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

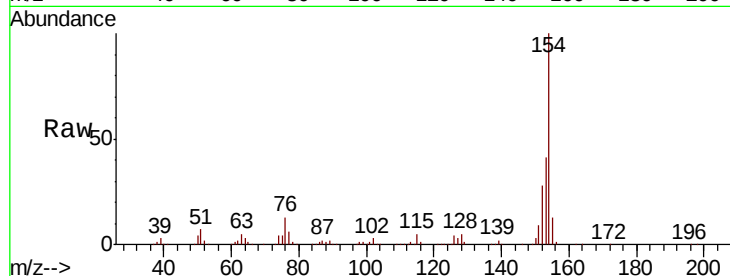




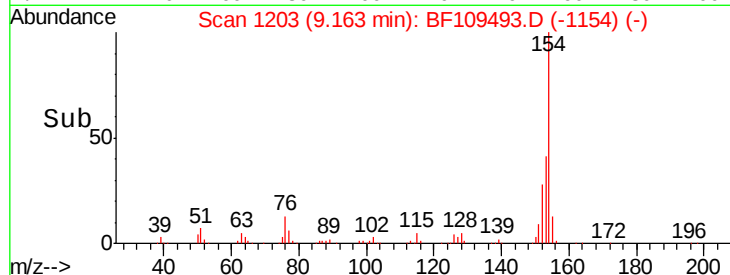
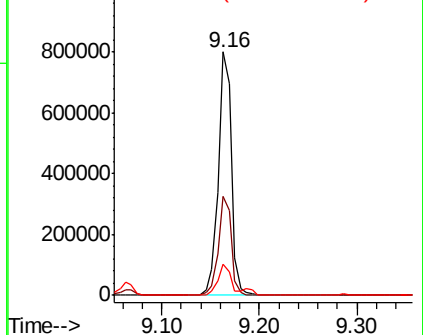
#45
 1,1'-Biphenyl
 Concen: 41.464 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF109493.D
 Acq: 2 Oct 2018 11:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 746202
 Ion Ratio Lower Upper
 154 100
 153 40.6 21.3 61.3
 76 12.8 0.0 34.0

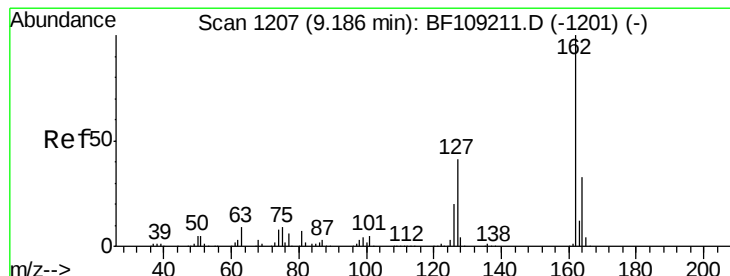


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

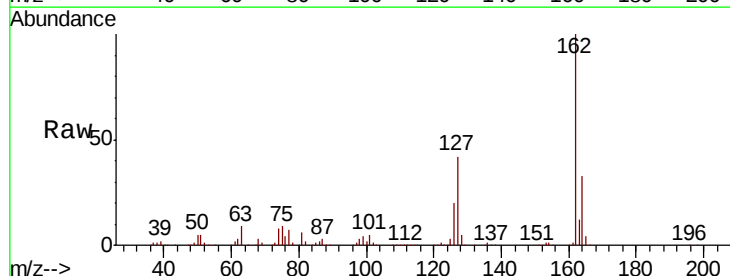
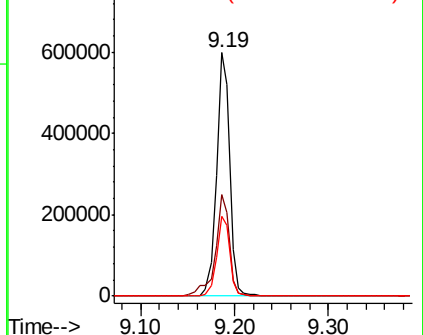


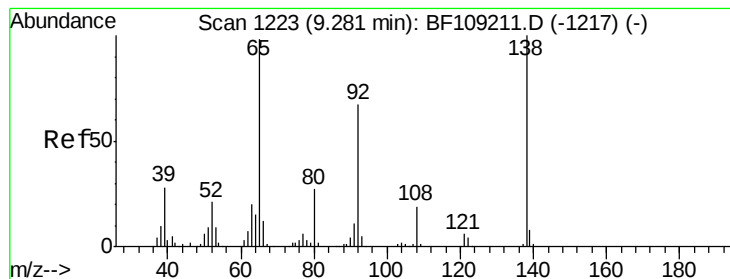
#46
 2-Chloronaphthalene
 Concen: 41.285 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF109493.D
 Acq: 2 Oct 2018 11:40

Tgt Ion:162 Resp: 593546
 Ion Ratio Lower Upper
 162 100
 127 42.0 33.9 50.9
 164 33.0 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: 45.709 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF109493.D

Acq: 2 Oct 2018 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

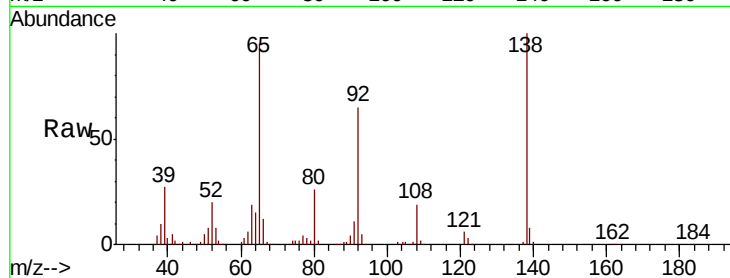
Tot Ion: 65 Resp: 186313

Ion Ratio Lower Upper

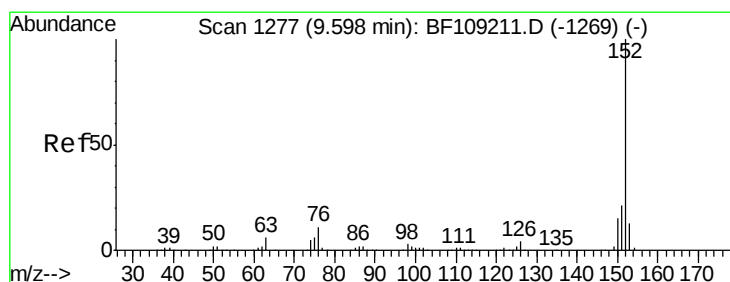
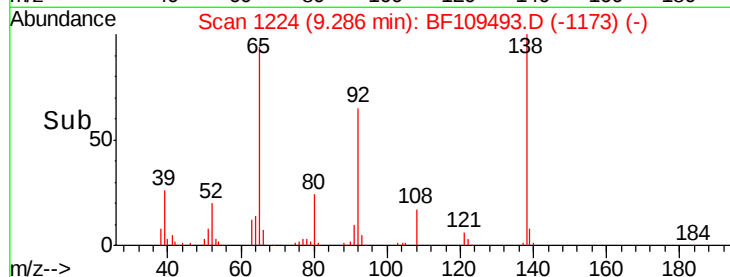
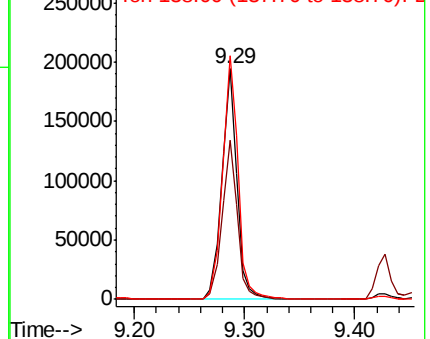
65 100

92 69.0 55.8 83.6

138 105.7 91.2 136.8



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



#48

Acenaphthylene

Concen: 40.896 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF109493.D

Acq: 2 Oct 2018 11:40

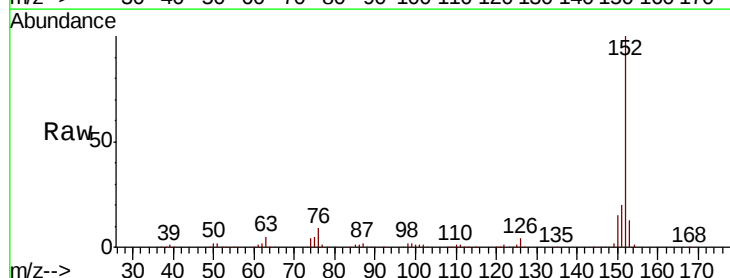
Tgt Ion: 152 Resp: 886977

Ion Ratio Lower Upper

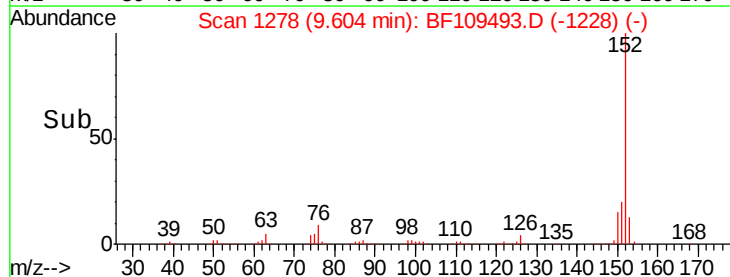
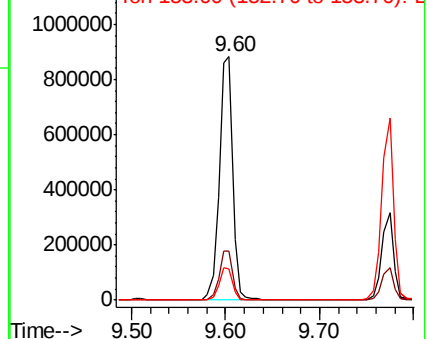
152 100

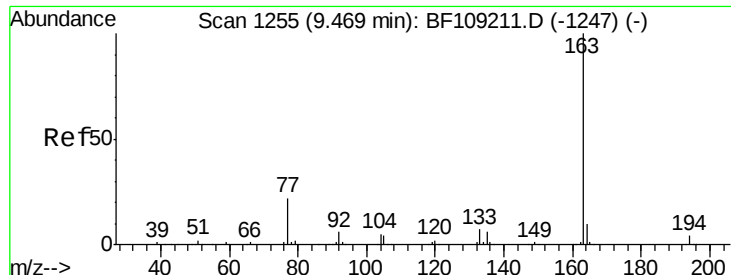
151 20.2 16.3 24.5

153 13.0 10.7 16.1



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

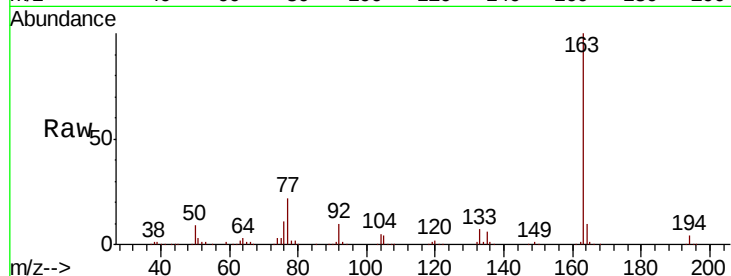




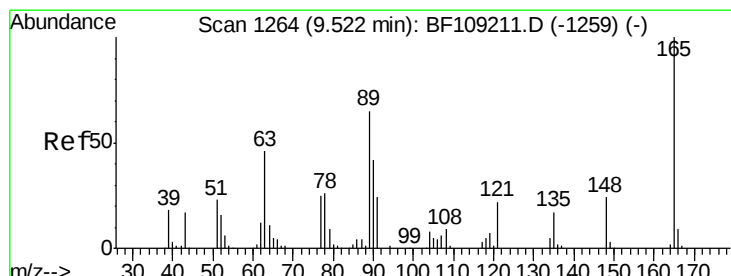
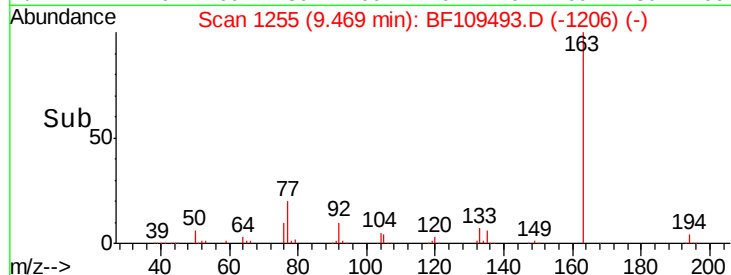
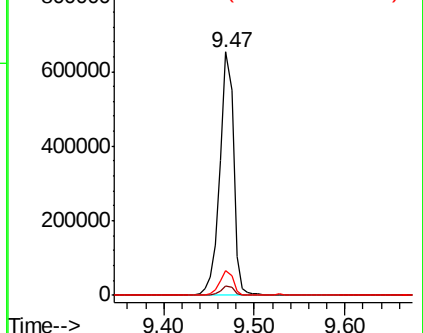
#49
Dimethylphthalate
Concen: 42.209 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 678098
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.4 8.2 12.2

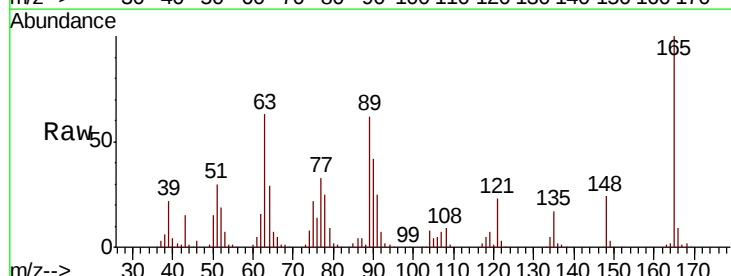


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

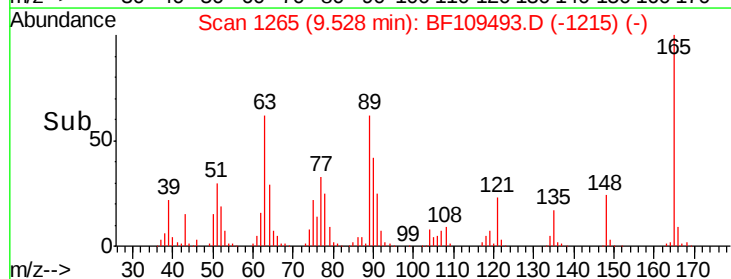
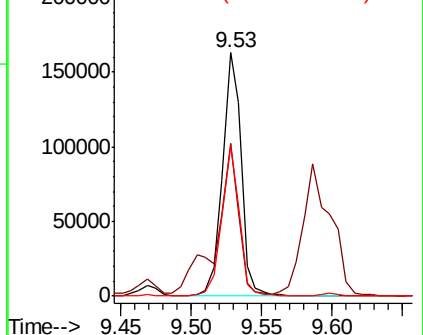


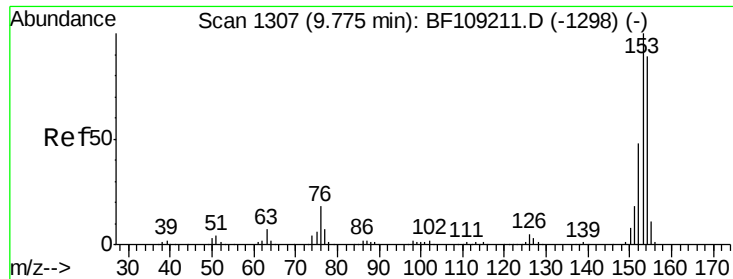
#50
2,6-Dinitrotoluene
Concen: 47.352 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Tgt Ion:165 Resp: 150663
Ion Ratio Lower Upper
165 100
63 62.7 44.7 67.1
89 61.9 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: 39.368 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF109493.D

Acq: 2 Oct 2018 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

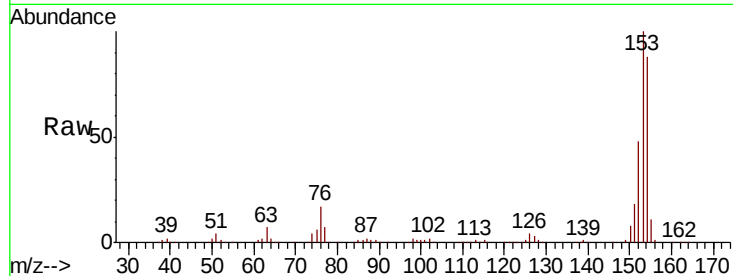
Tot Ion:154 Resp: 516224

Ion Ratio Lower Upper

154 100

153 113.8 91.2 136.8

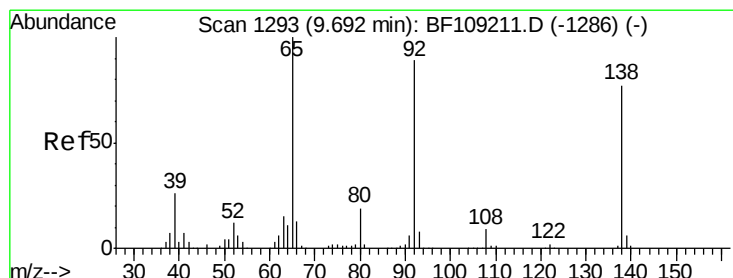
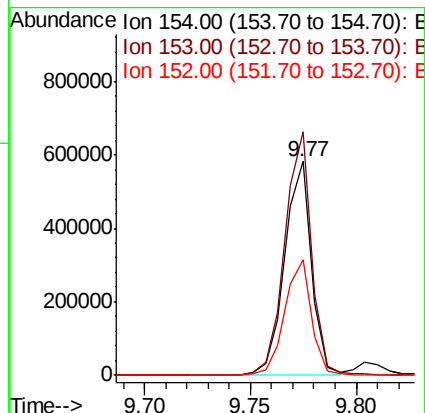
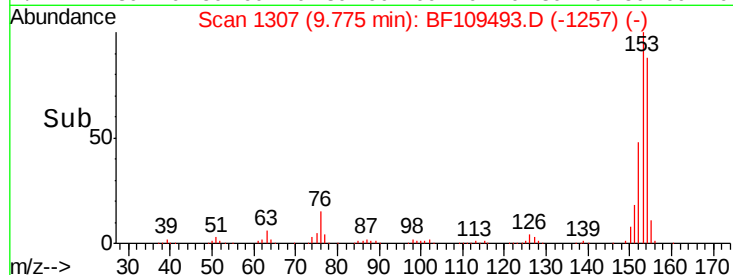
152 54.2 43.8 65.8



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: 47.416 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF109493.D

Acq: 2 Oct 2018 11:40

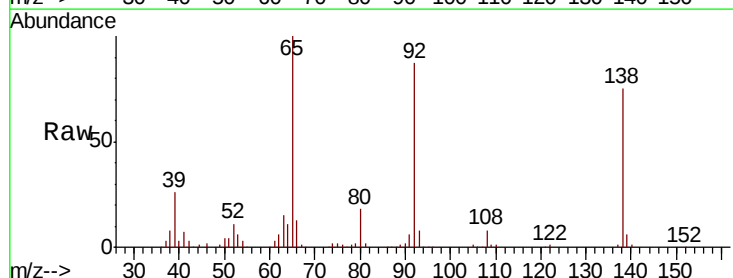
Tgt Ion:138 Resp: 174713

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

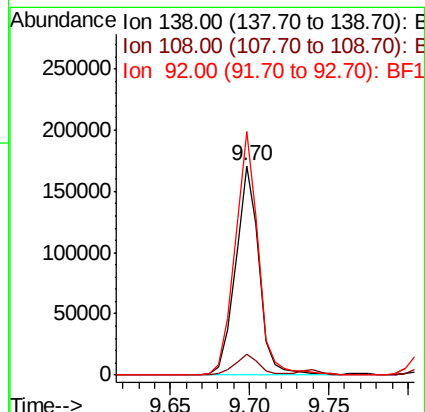
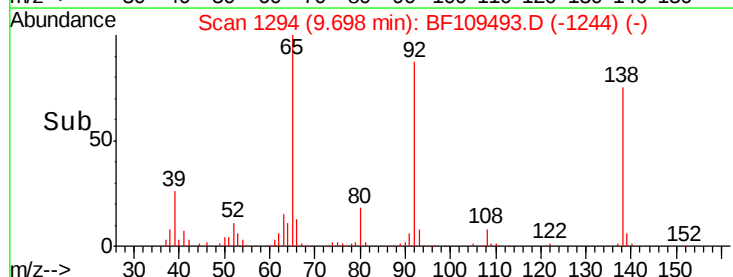
92 116.1 89.4 134.2

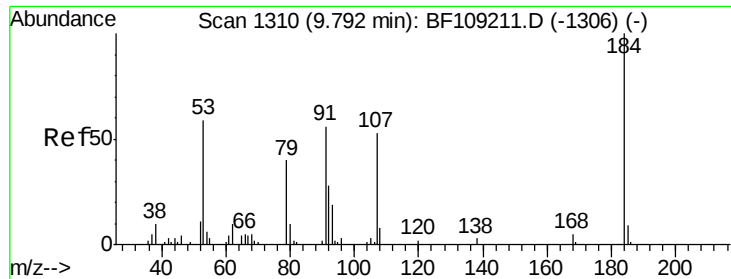


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

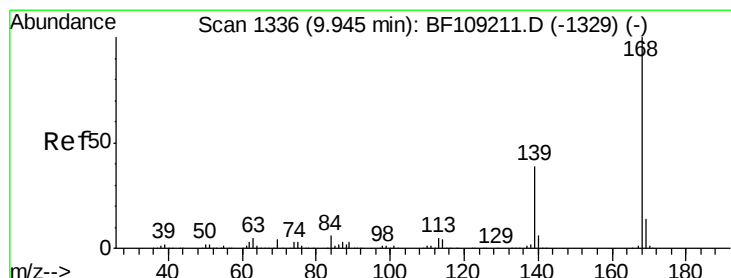
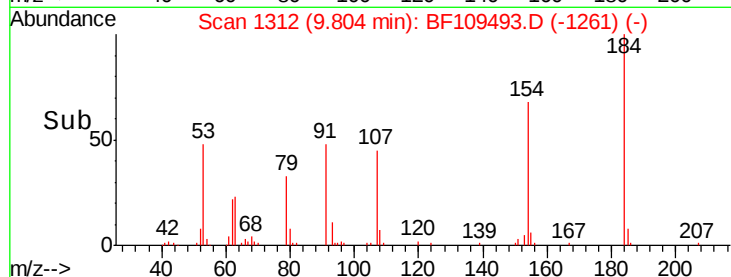
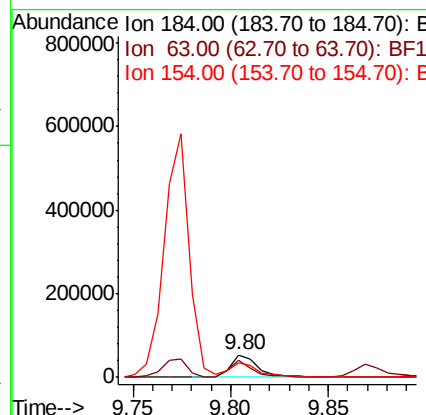
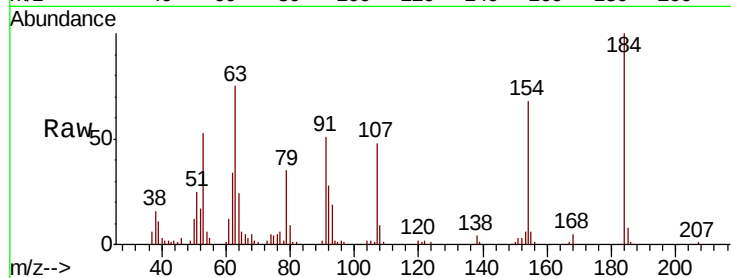




#53
 2,4-Dinitrophenol
 Concen: 50.762 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF109493.D
 Acq: 2 Oct 2018 11:40

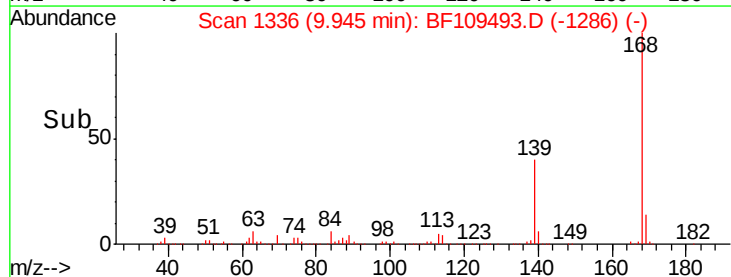
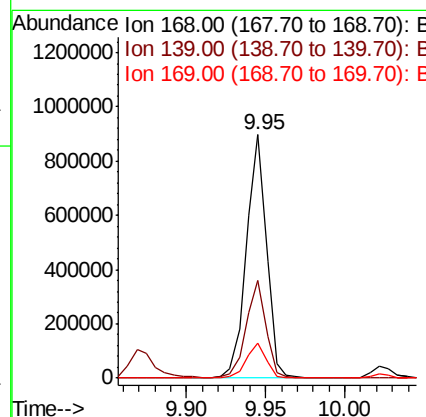
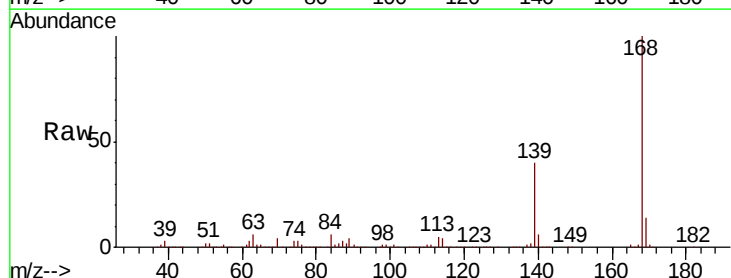
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

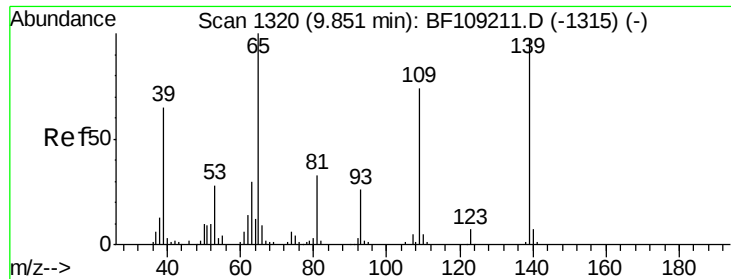
Tot Ion:184 Resp: 53350
 Ion Ratio Lower Upper
 184 100
 63 75.4 54.2 81.2
 154 68.1 184.0 276.0#



#54
 Dibenzofuran
 Concen: 40.368 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF109493.D
 Acq: 2 Oct 2018 11:40

Tgt Ion:168 Resp: 787225
 Ion Ratio Lower Upper
 168 100
 139 40.1 30.1 45.1
 169 14.4 10.9 16.3

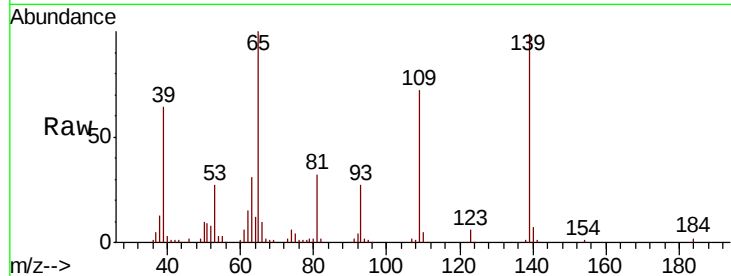




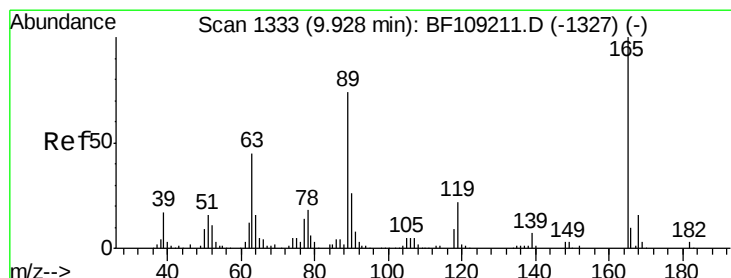
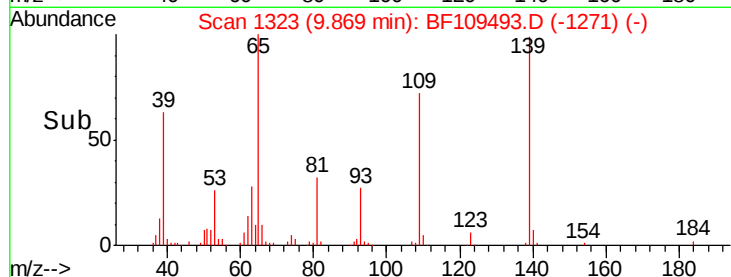
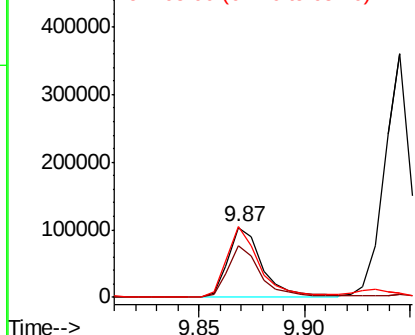
#55
4-Nitrophenol
Concen: 42.382 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 117642
Ion Ratio Lower Upper
139 100
109 73.3 48.4 88.4
65 101.3 72.6 112.6

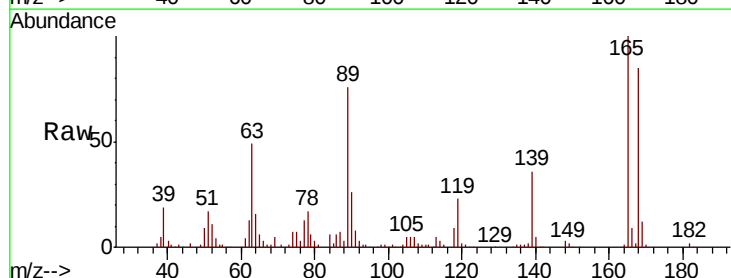


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

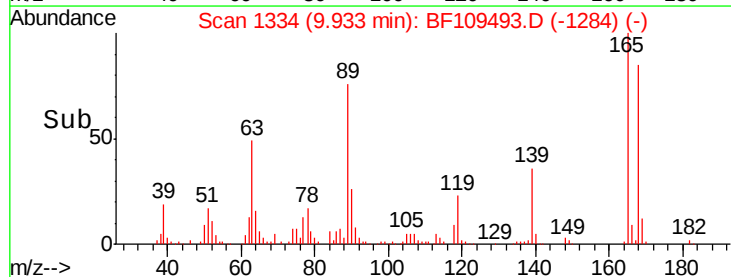
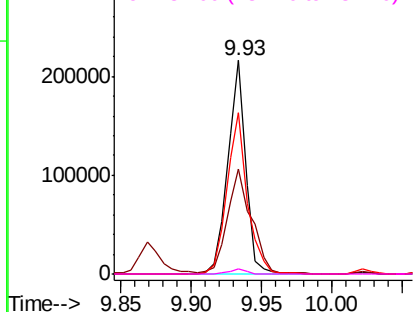


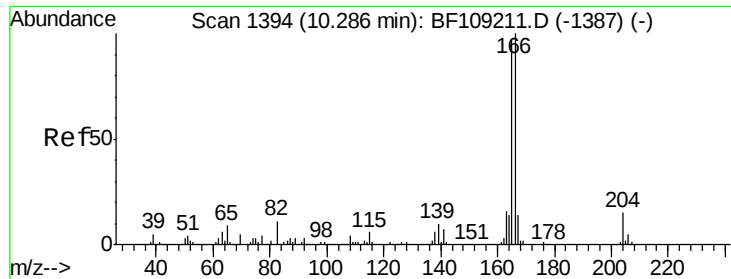
#56
2,4-Dinitrotoluene
Concen: 47.231 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Tgt Ion:165 Resp: 190145
Ion Ratio Lower Upper
165 100
63 49.2 36.4 54.6
89 75.8 57.8 86.6
182 2.4 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: 41.200 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF109493.D

Acq: 2 Oct 2018 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

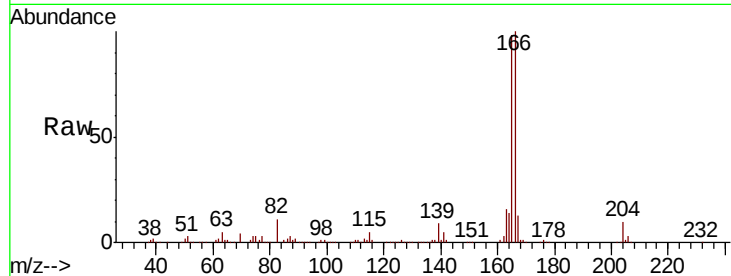
Tot Ion:166 Resp: 573264

Ion Ratio Lower Upper

166 100

165 98.0 79.8 119.8

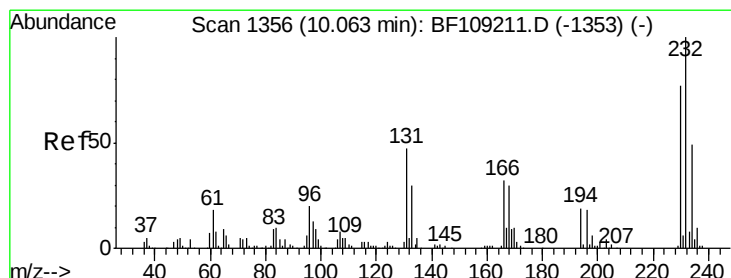
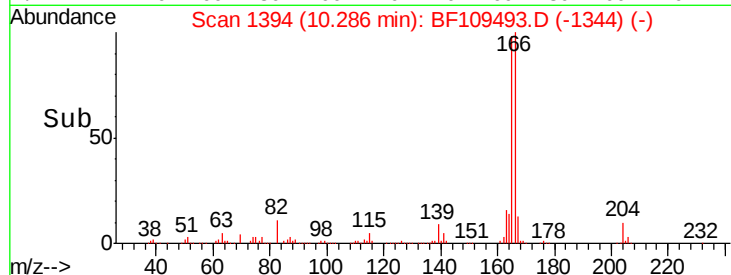
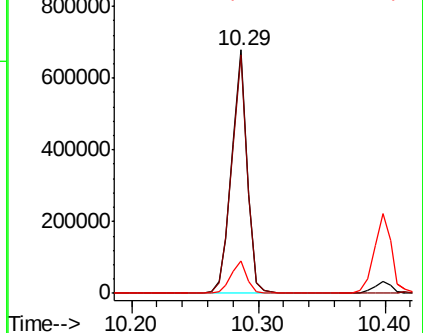
167 13.5 10.6 16.0



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: 47.296 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF109493.D

Acq: 2 Oct 2018 11:40

Tgt Ion:232 Resp: 178435

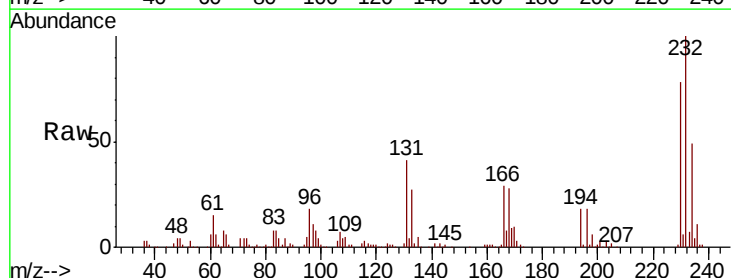
Ion Ratio Lower Upper

232 100

131 44.4 43.8 65.8

130 2.1 2.1 3.1

166 29.0 27.8 41.6

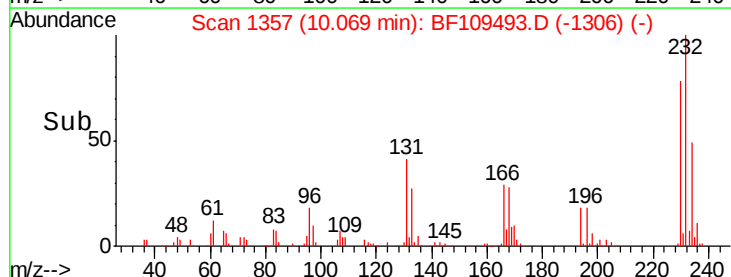
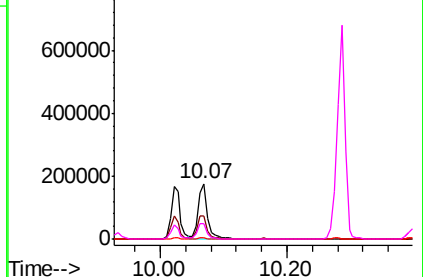


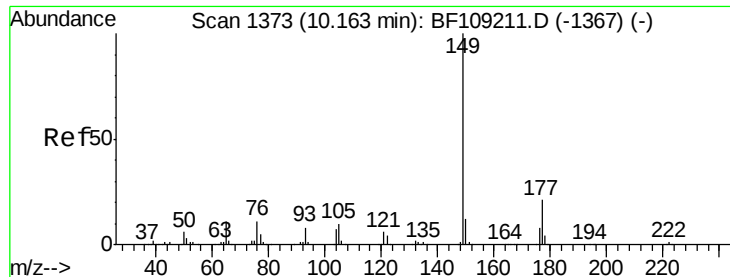
Abundance Ion 232.00 (231.70 to 232.70): E

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

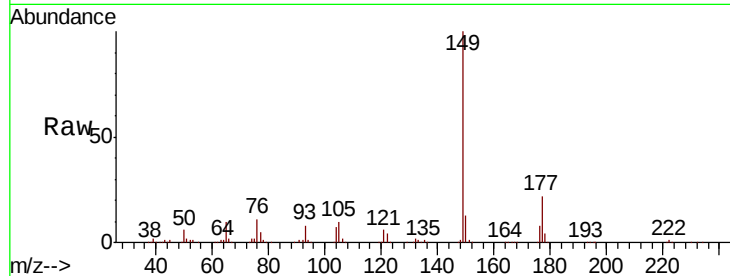




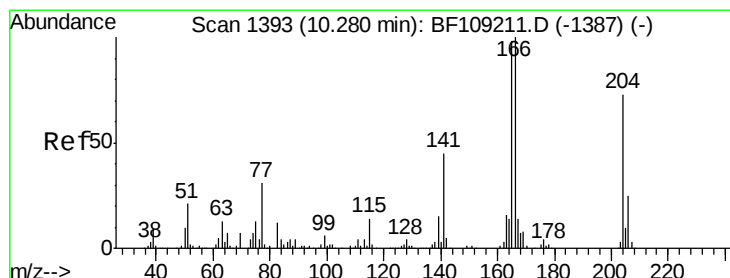
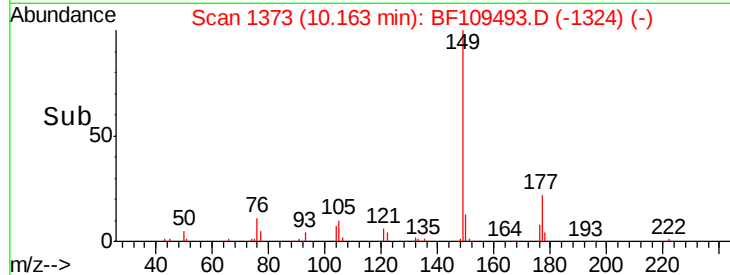
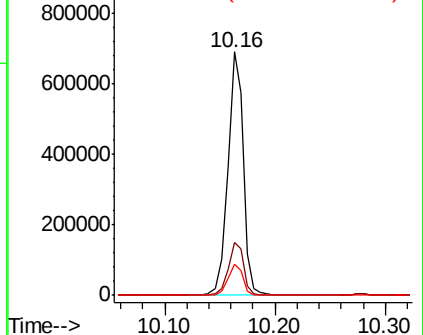
#59
Diethylphthalate
Concen: 41.595 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 676681
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.5 10.1 15.1

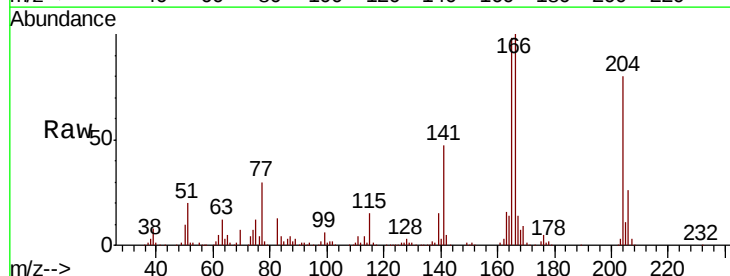


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

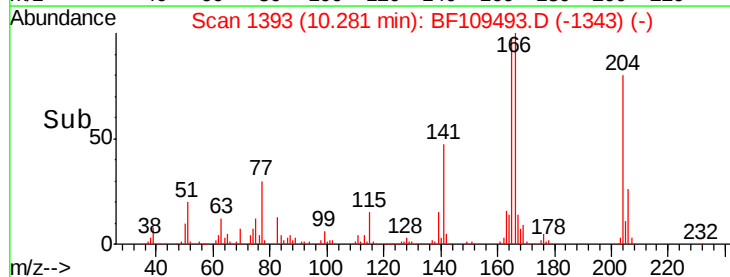
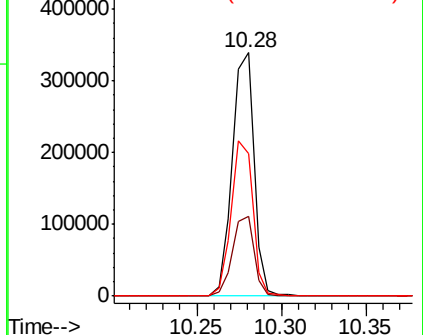


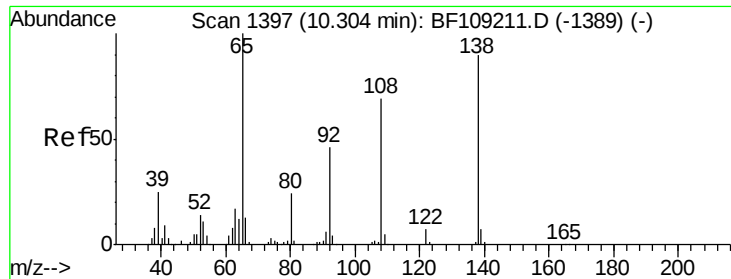
#60
4-Chlorophenyl-phenylether
Concen: 41.773 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Tgt Ion:204 Resp: 303584
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 58.4 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

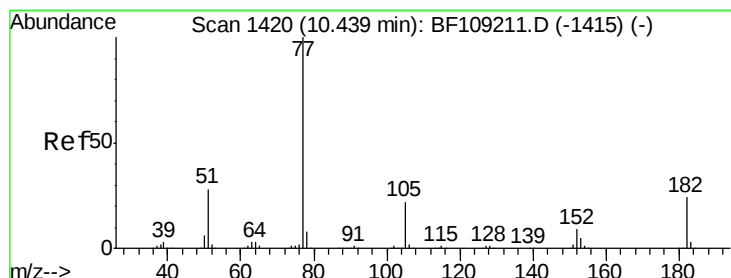
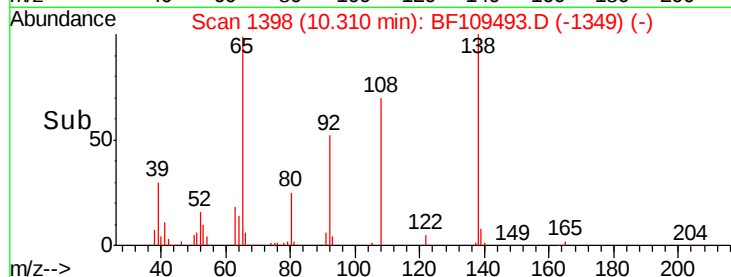
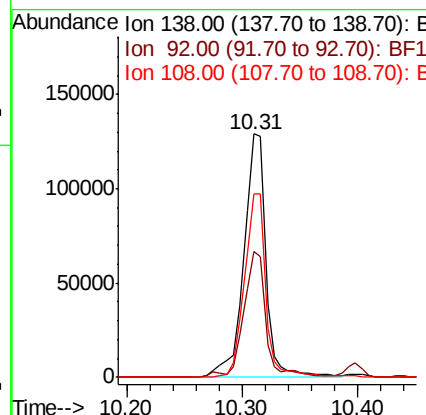
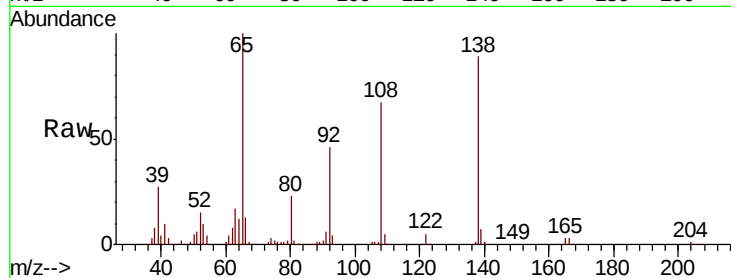




#61
4-Nitroaniline
Concen: 48.108 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

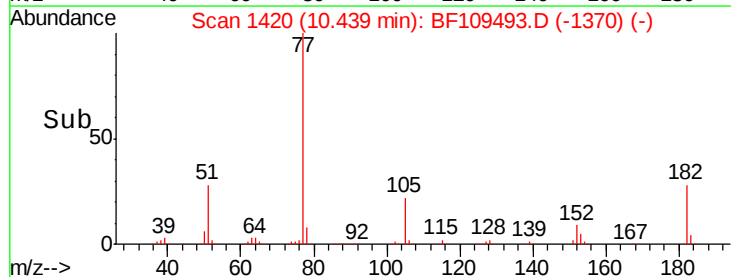
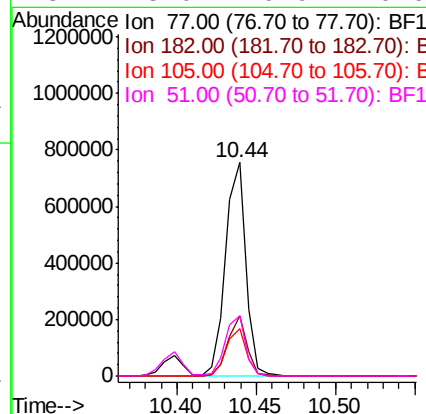
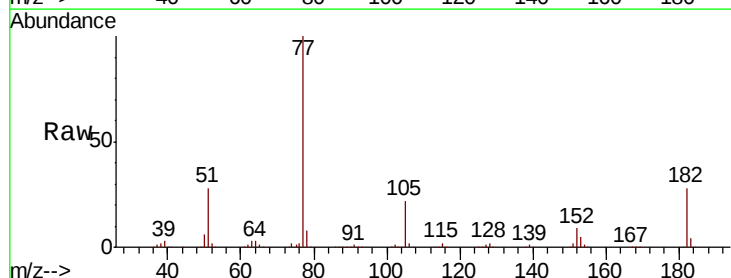
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

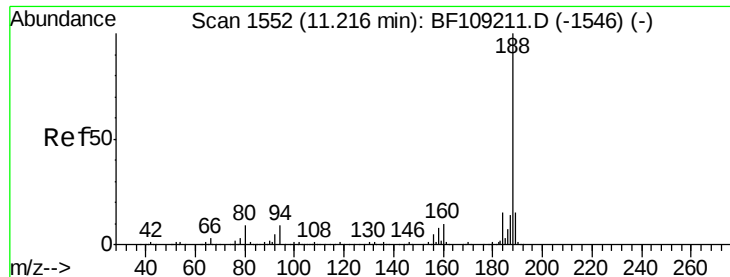
Tot Ion:138 Resp: 172872
Ion Ratio Lower Upper
138 100
92 51.9 30.2 70.2
108 75.2 52.5 92.5



#62
Azobenzene
Concen: 39.719 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Tgt Ion: 77 Resp: 671342
Ion Ratio Lower Upper
77 100
182 27.9 1.7 41.7
105 22.4 3.0 43.0
51 28.0 9.9 49.9

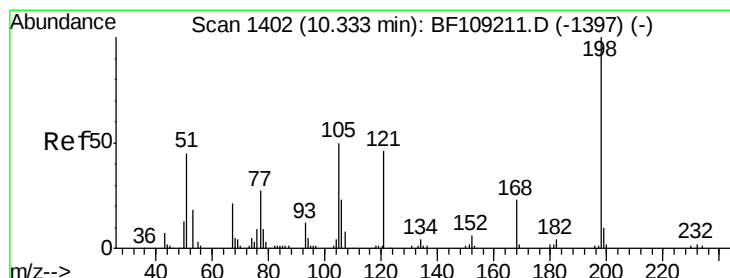
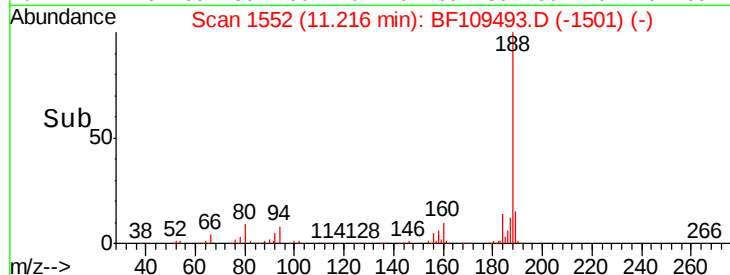
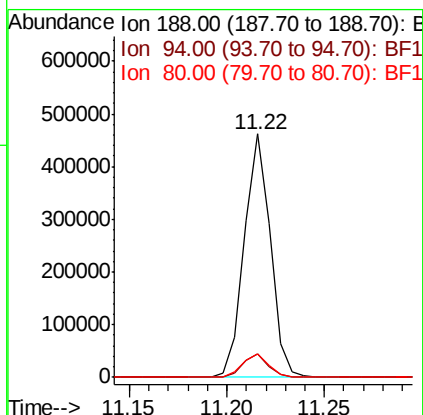
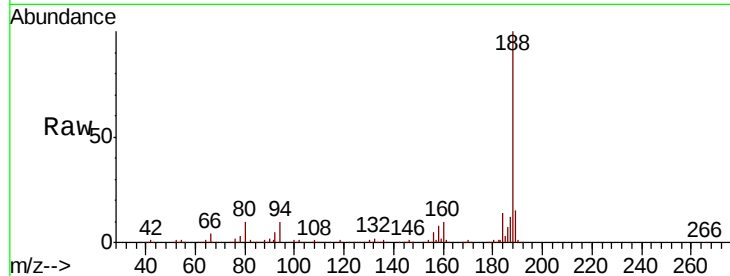




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

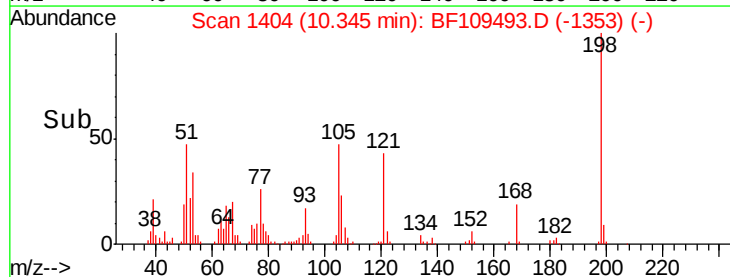
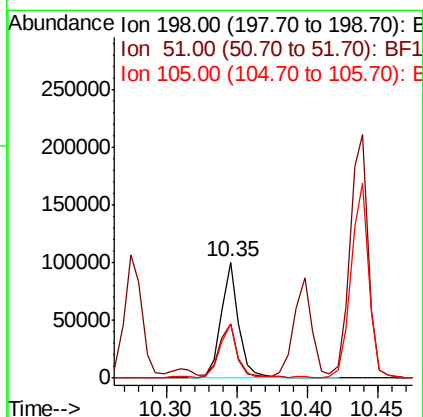
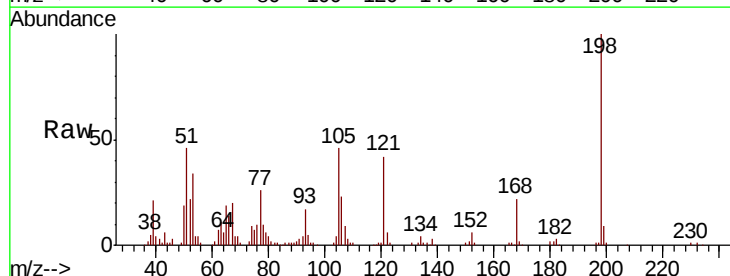
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

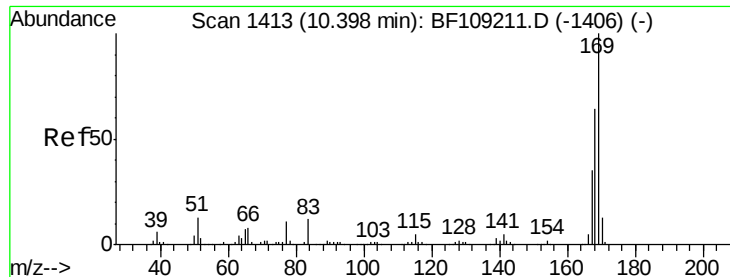
Tot Ion:188 Resp: 429179
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 9.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 50.516 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Tgt Ion:198 Resp: 87453
Ion Ratio Lower Upper
198 100
51 46.4 37.7 77.7
105 46.4 36.3 76.3

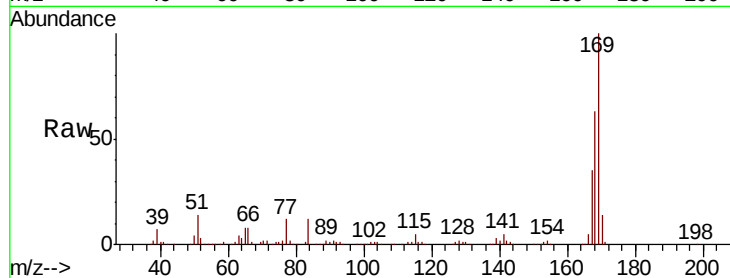




#65
n-Nitrosodiphenylamine
Concen: 41.746 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	169	Resp	591958
Ion Ratio	100	Lower	Upper
168	63.5	54.4	81.6
167	35.4	29.8	44.6

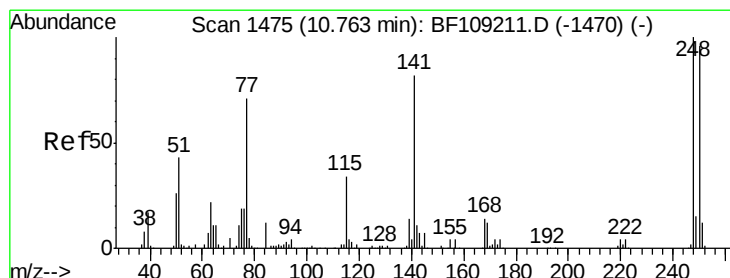
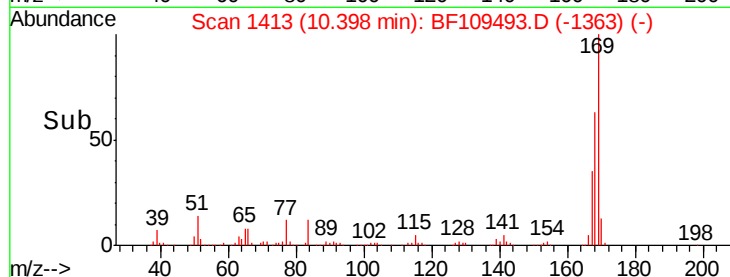
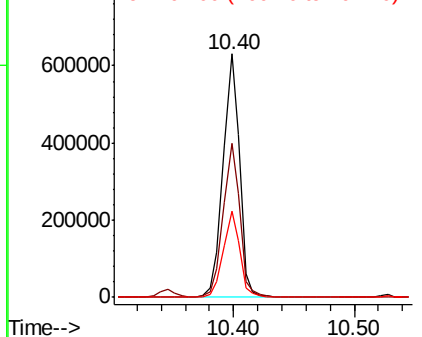


Abundance

Ion 169.00 (168.70 to 169.70): E

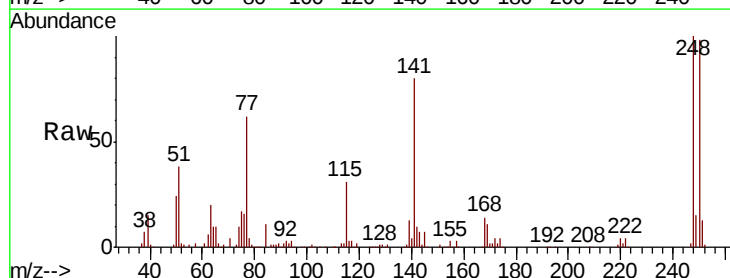
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 42.811 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Tgt Ion	248	Resp	204031
Ion Ratio	100	Lower	Upper
250	98.0	76.9	115.3
141	80.2	74.4	111.6

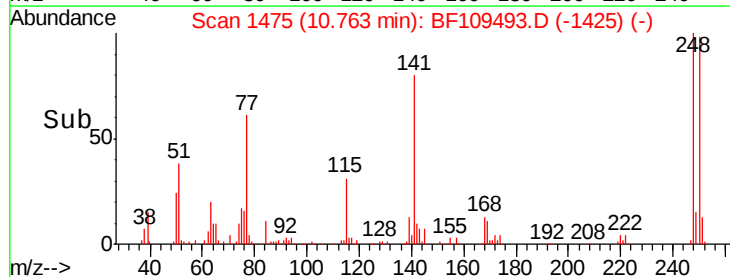
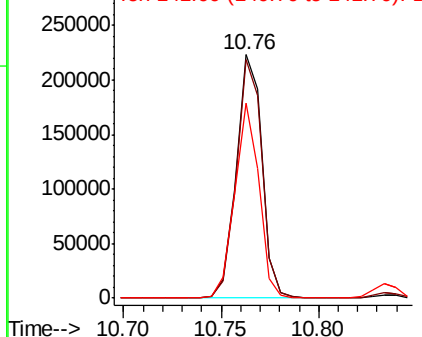


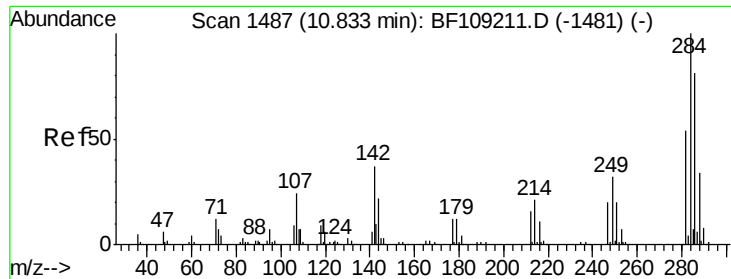
Abundance

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

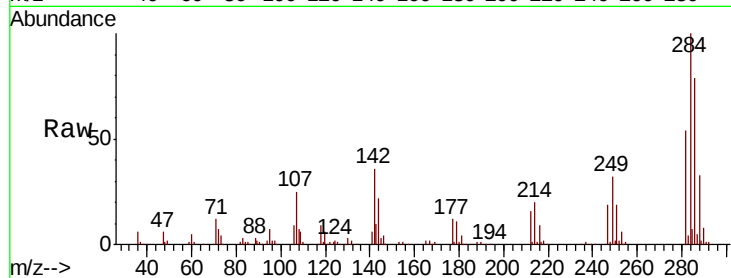




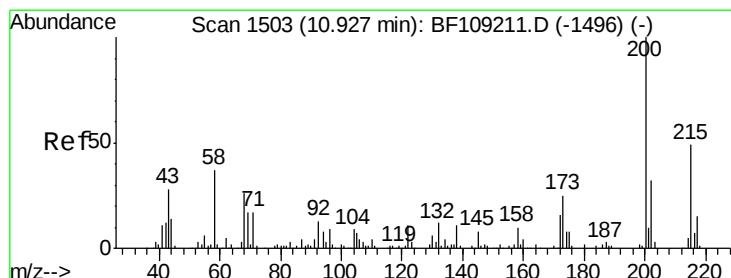
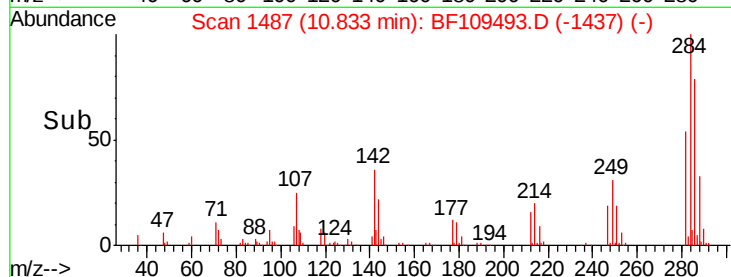
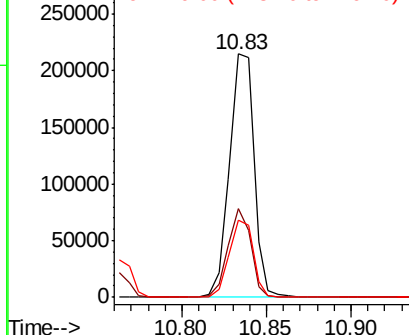
#67
Hexachlorobenzene
Concen: 43.028 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 217793
Ion Ratio Lower Upper
284 100
142 36.3 34.6 52.0
249 31.6 24.8 37.2

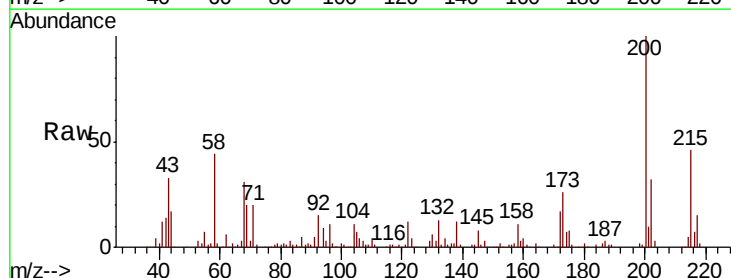


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

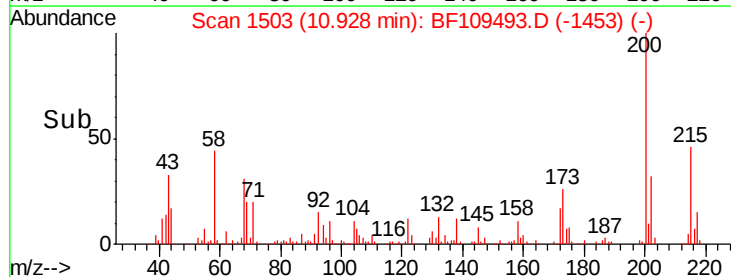
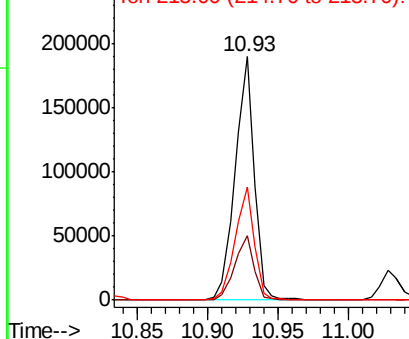


#68
Atrazine
Concen: 40.969 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Tgt Ion:200 Resp: 178665
Ion Ratio Lower Upper
200 100
173 26.3 8.6 48.6
215 46.3 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

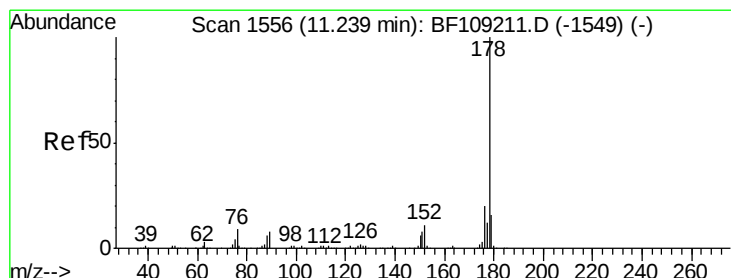
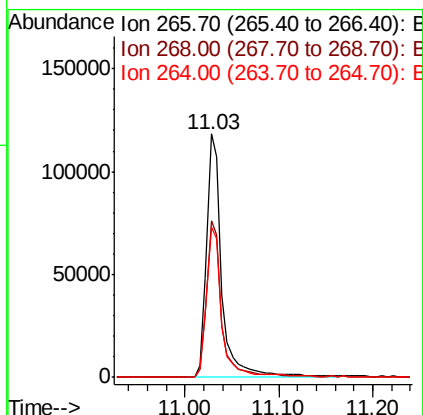
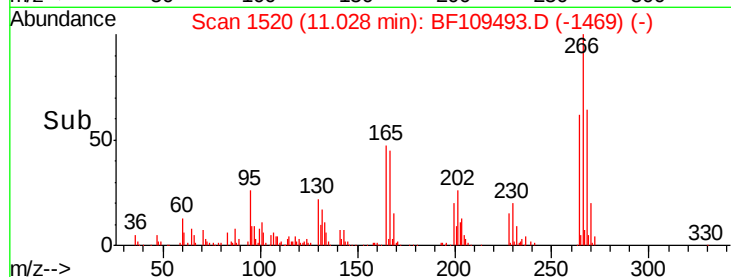
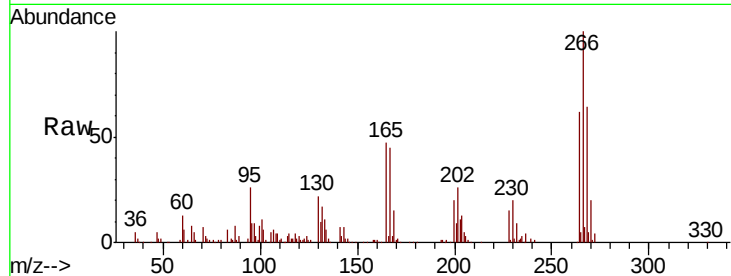




#69
 Pentachlorophenol
 Concen: 44.898 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF109493.D
 Acq: 2 Oct 2018 11:40

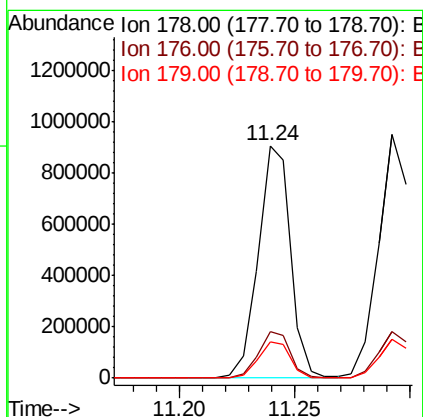
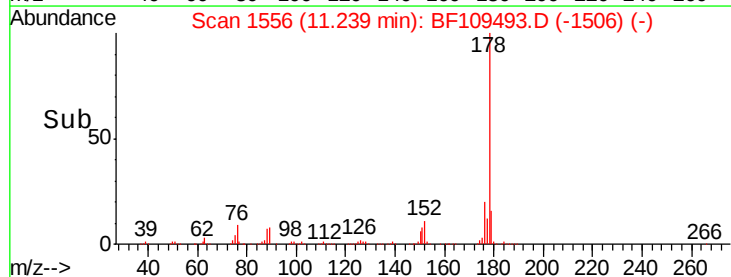
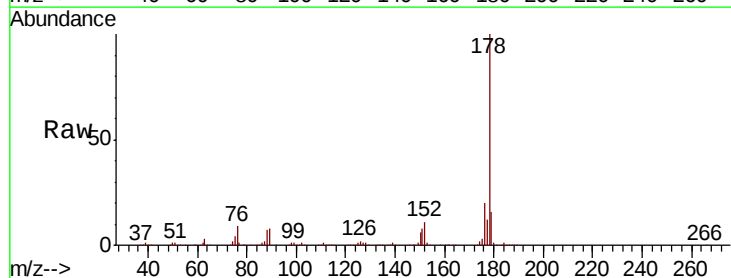
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

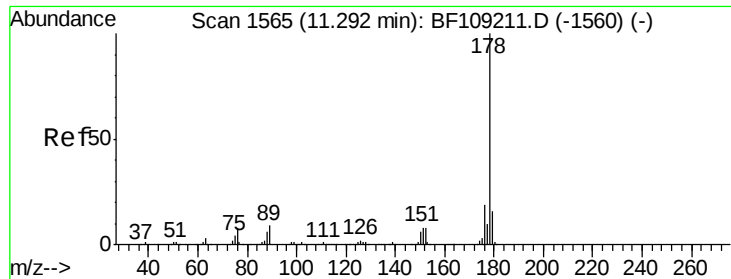
Tot Ion:266 Resp: 136015
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.1 76.7
 264 61.7 49.5 74.3



#70
 Phenanthrene
 Concen: 41.298 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109493.D
 Acq: 2 Oct 2018 11:40

Tgt Ion:178 Resp: 884969
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.7 13.0 19.6

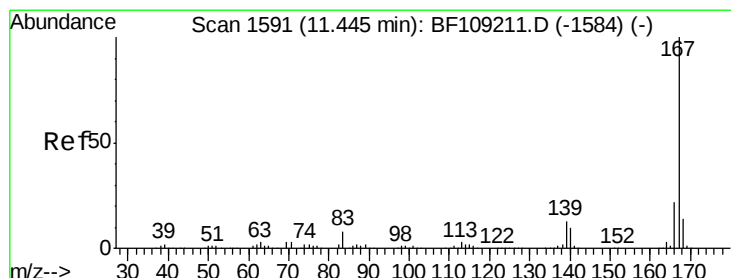
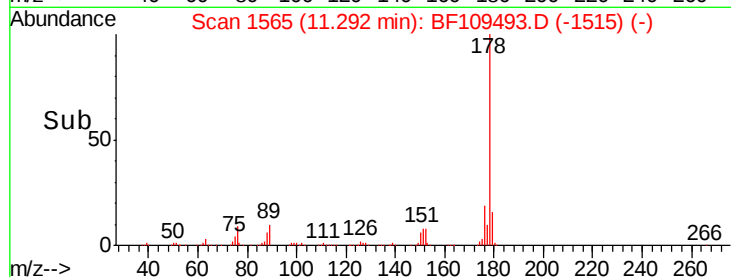
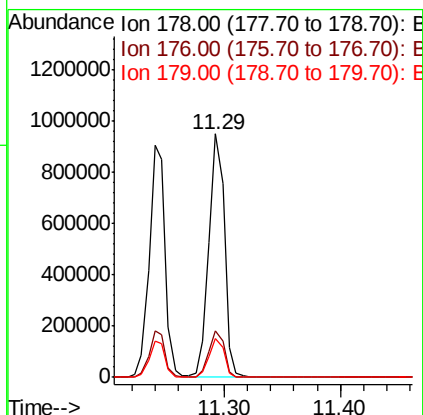
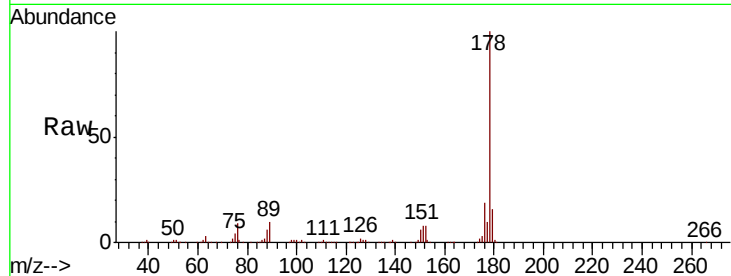




#71
 Anthracene
 Concen: 41.459 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109493.D
 Acq: 2 Oct 2018 11:40

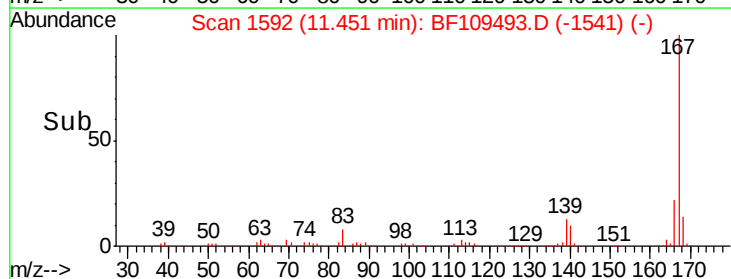
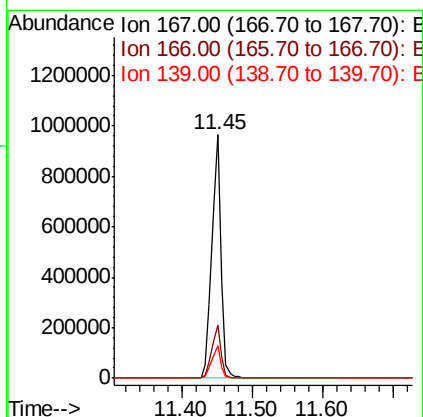
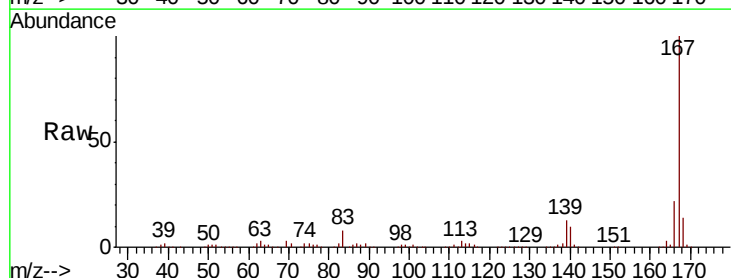
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

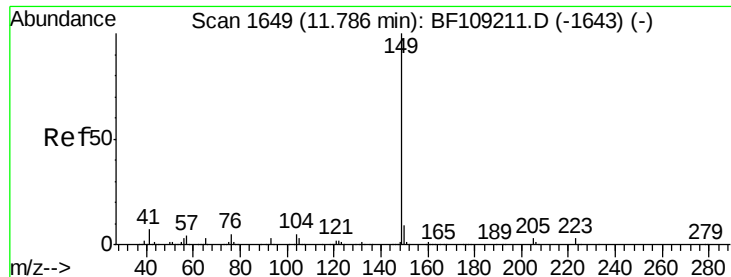
Tot Ion:178 Resp: 901089
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 40.883 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF109493.D
 Acq: 2 Oct 2018 11:40

Tgt Ion:167 Resp: 884086
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 42.291 ng

RT: 11.78 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF109493.D

Acq: 2 Oct 2018 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

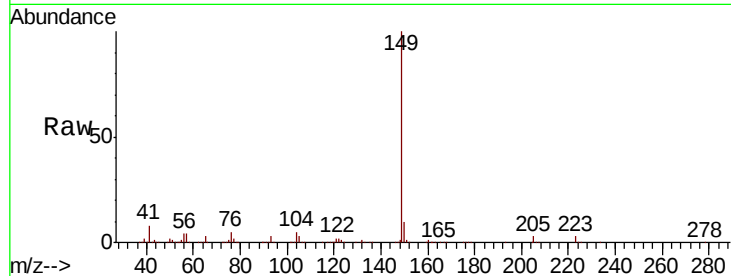
Tot Ion:149 Resp: 1052808

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

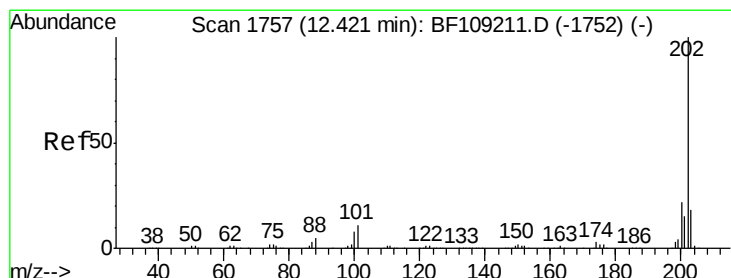
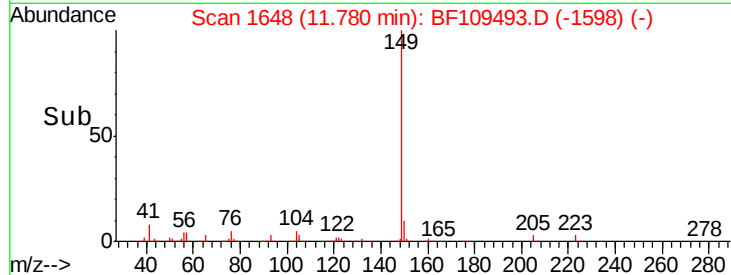
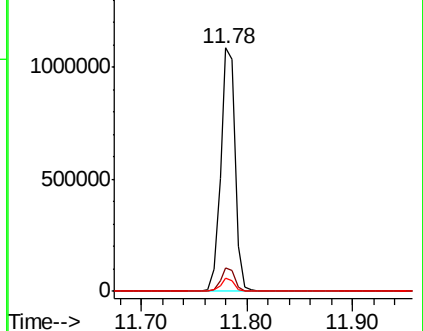
104 5.2 3.8 5.8



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: 41.254 ng

RT: 12.43 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BF109493.D

Acq: 2 Oct 2018 11:40

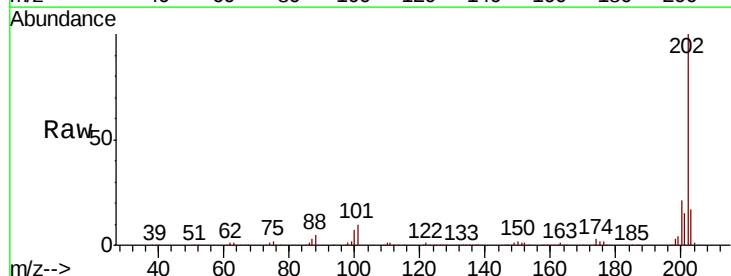
Tgt Ion:202 Resp: 944732

Ion Ratio Lower Upper

202 100

101 9.6 0.0 34.1

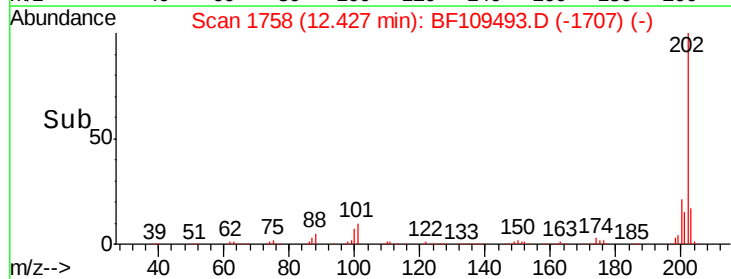
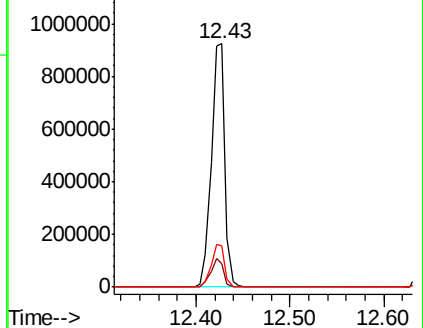
203 17.2 0.0 38.1

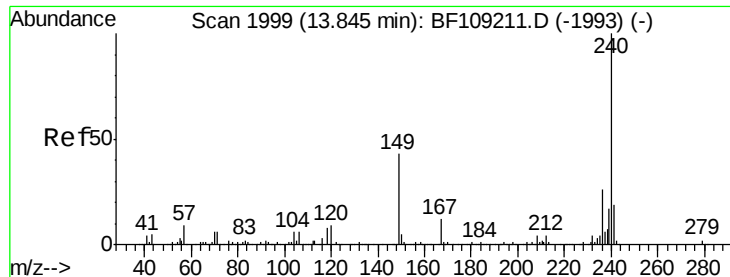


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1999

Delta R.T. 0.00 min

Lab File: BF109493.D

Acq: 2 Oct 2018 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

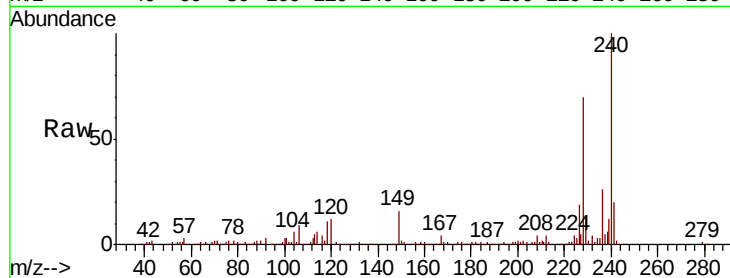
Tot Ion:240 Resp: 321970

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

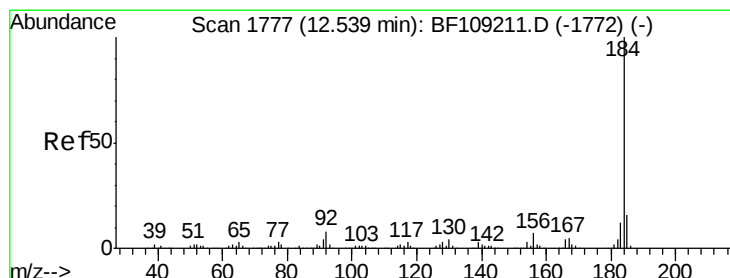
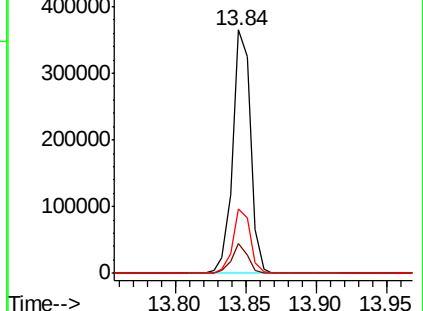
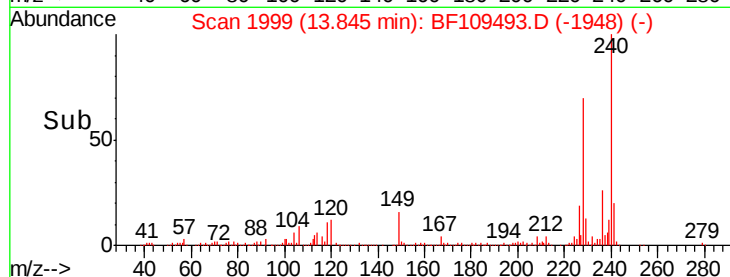
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.498 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF109493.D

Acq: 2 Oct 2018 11:40

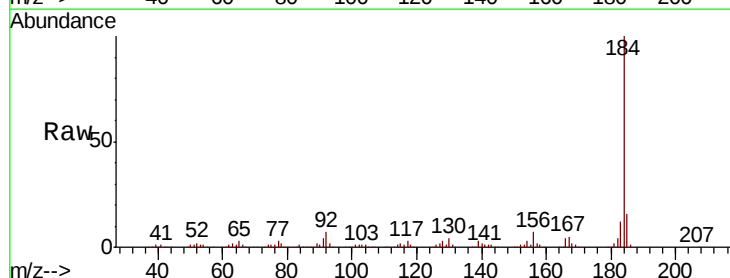
Tgt Ion:184 Resp: 412078

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

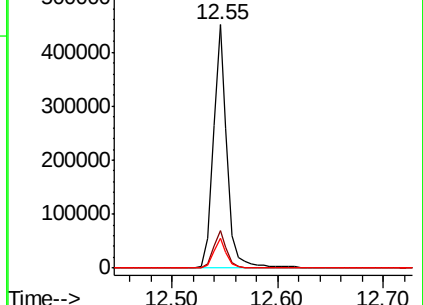
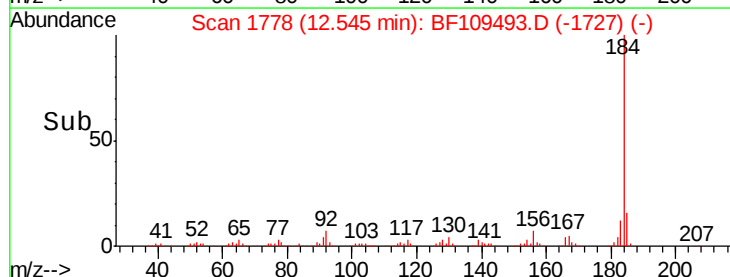
183 12.2 9.3 13.9

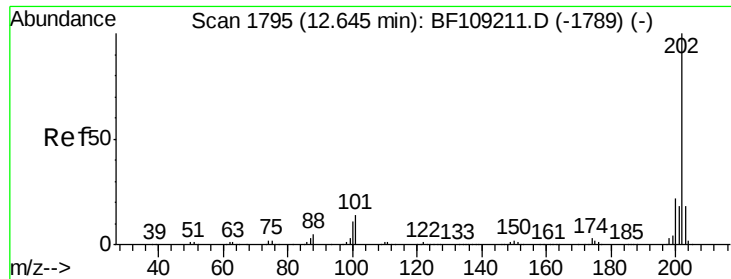


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

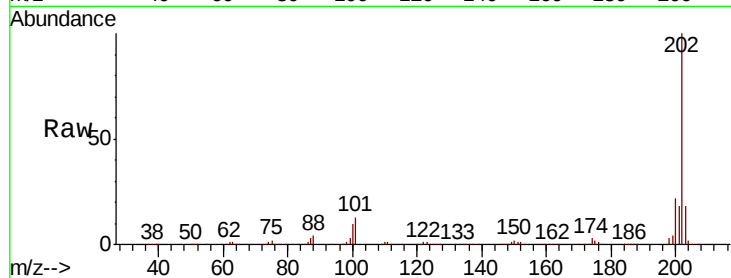




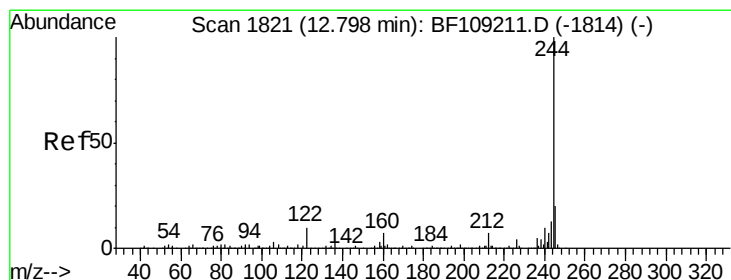
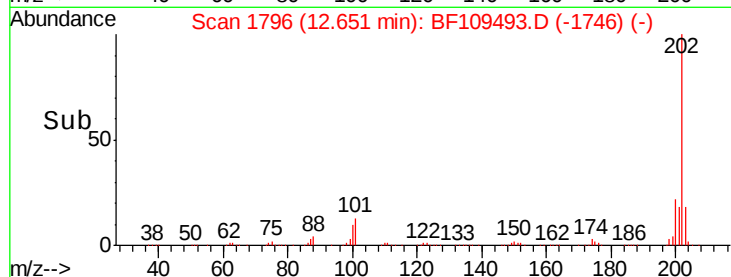
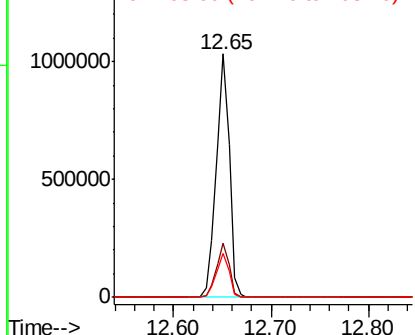
#77
Pvrene
Concen: 41.740 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	18.1	14.3	21.5

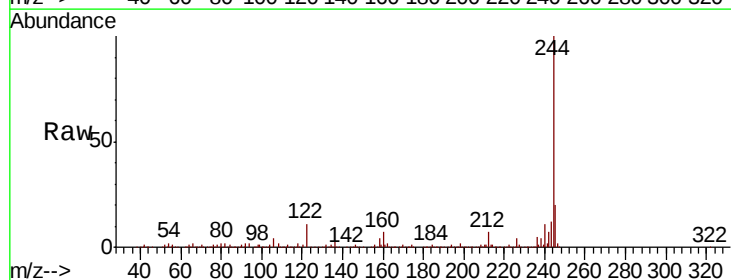


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

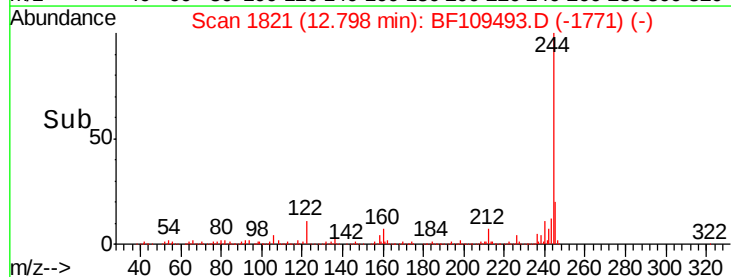
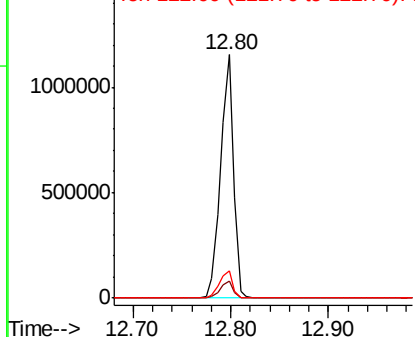


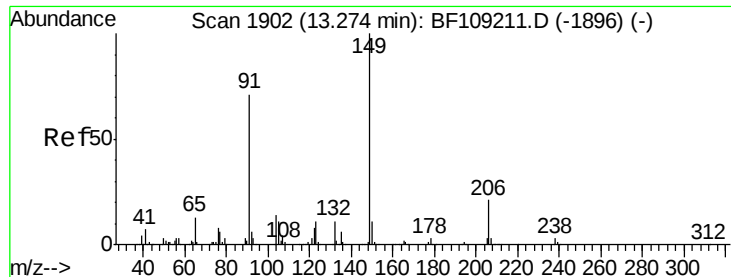
#78
Terphenyl-d14
Concen: 81.026 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.2	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

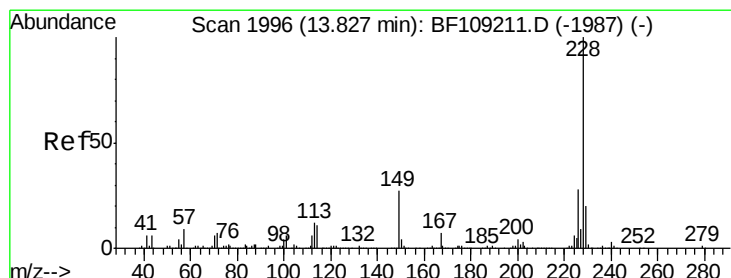
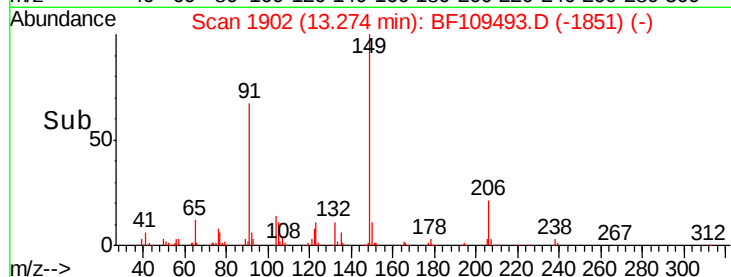
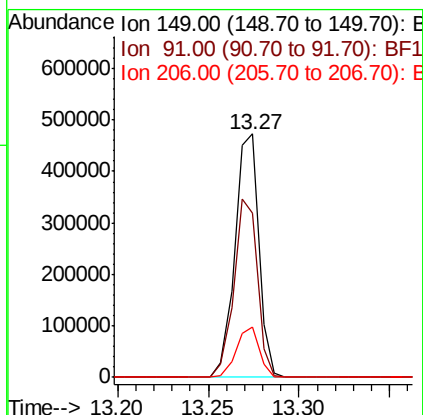
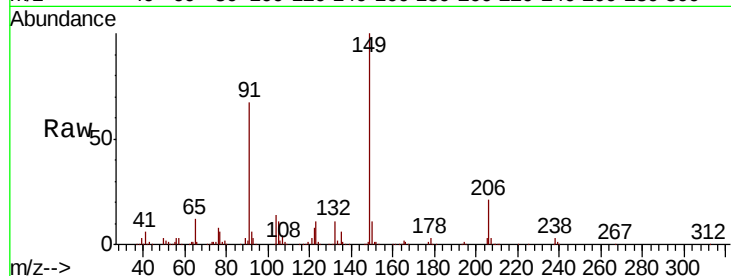




#79
Butylbenzylphthalate
Concen: 44.433 ng
RT: 13.27 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

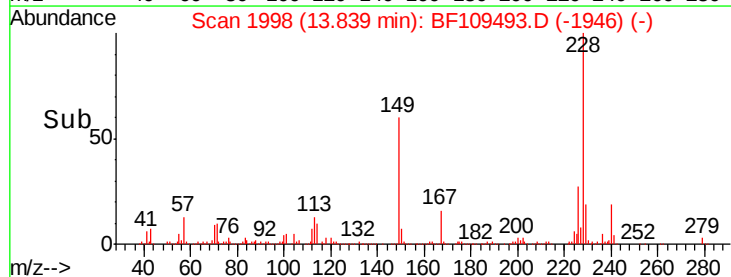
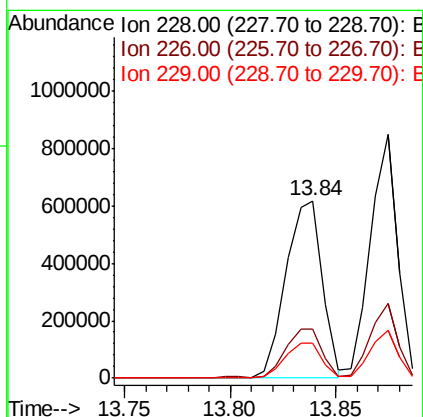
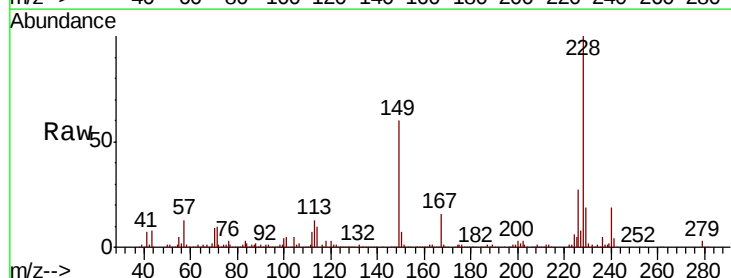
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

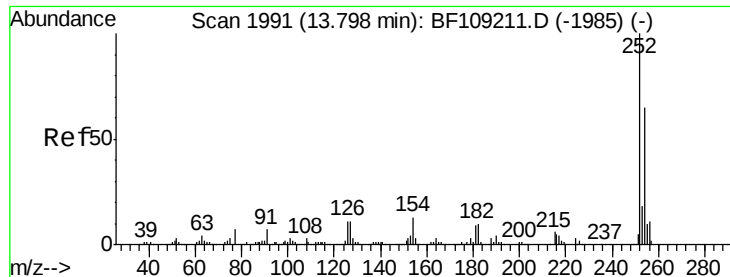
Tot Ion:149 Resp: 436207
Ion Ratio Lower Upper
149 100
91 67.3 56.8 85.2
206 20.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.190 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Tgt Ion:228 Resp: 740629
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 19.5 15.8 23.6

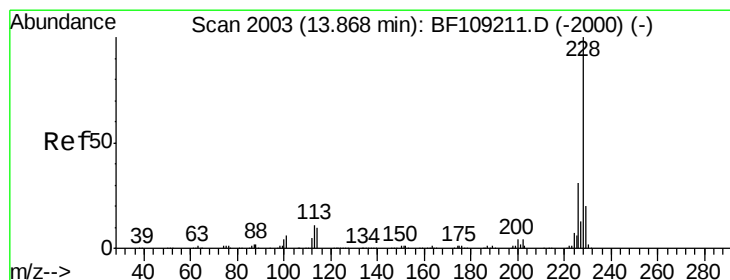
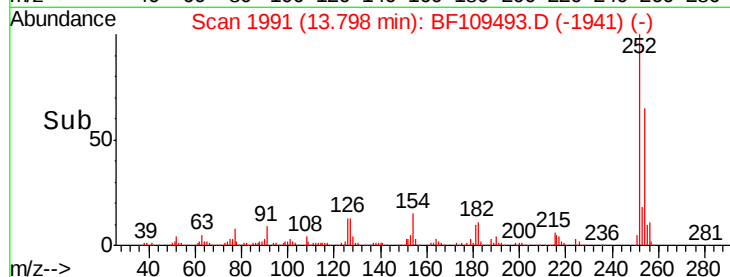
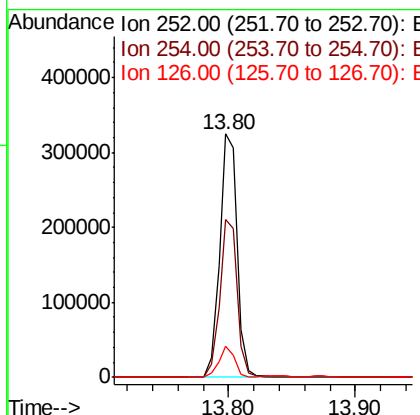
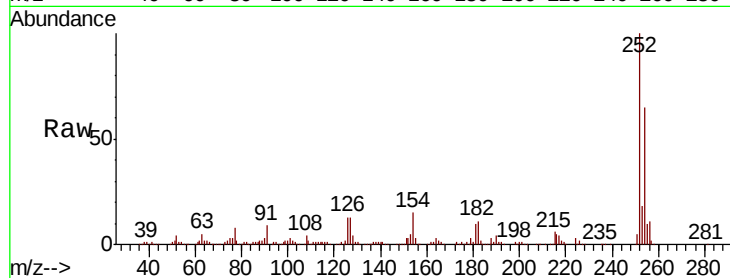




#81
 3,3'-Dichlorobenzidine
 Concen: 42.698 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BF109493.D
 Acq: 2 Oct 2018 11:40

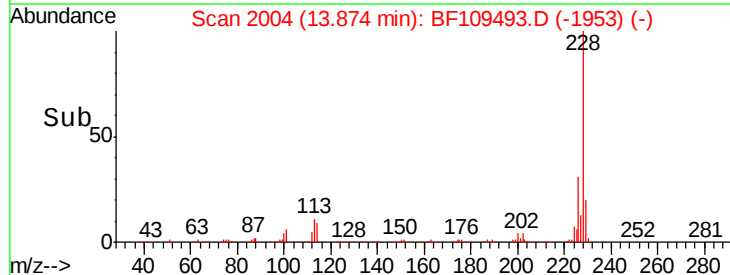
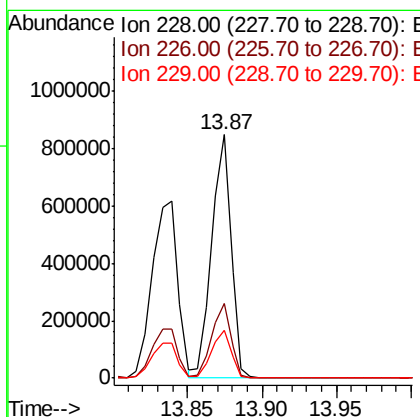
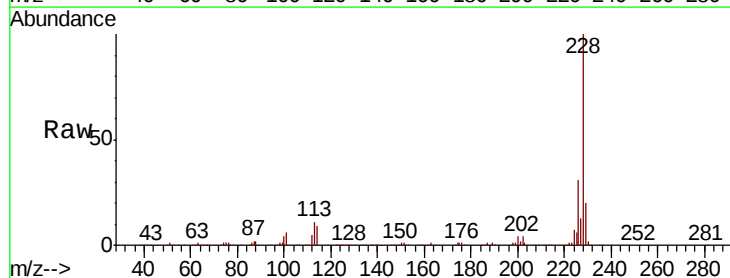
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

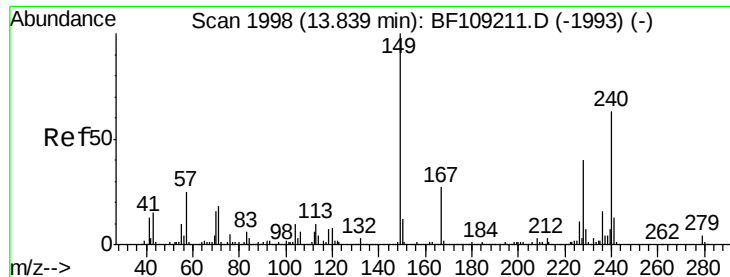
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.4	75.6
126	12.9	11.3	16.9



#82
 Chrysene
 Concen: 39.909 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF109493.D
 Acq: 2 Oct 2018 11:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.8	16.2	24.4

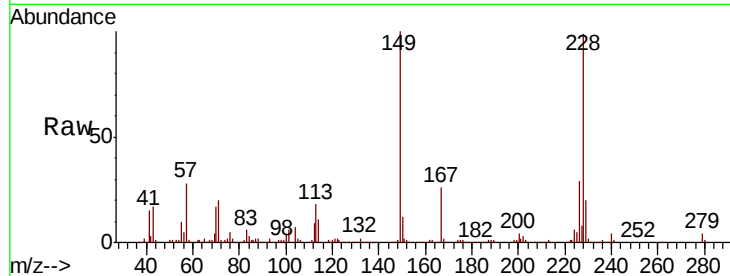




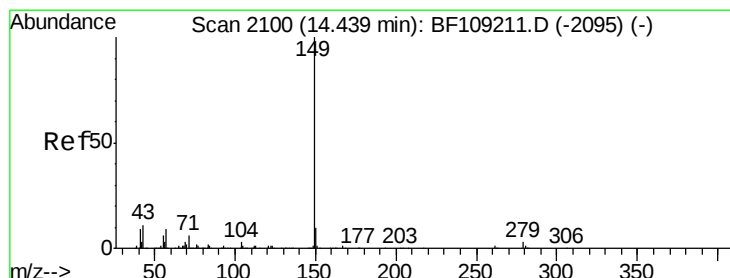
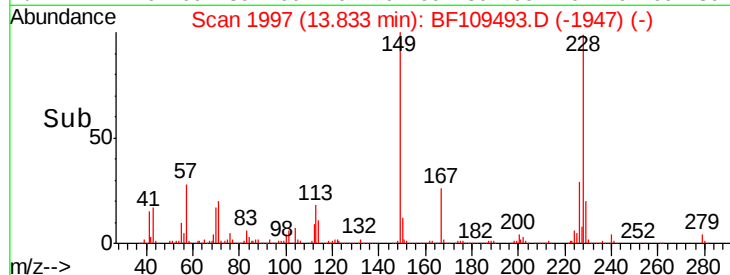
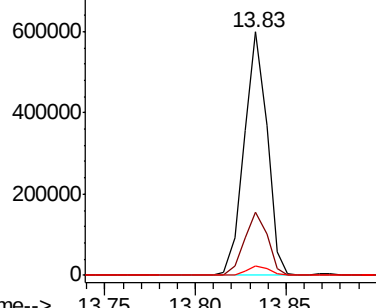
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.597 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF109493.D
 Acq: 2 Oct 2018 11:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	3.6	3.0	4.4

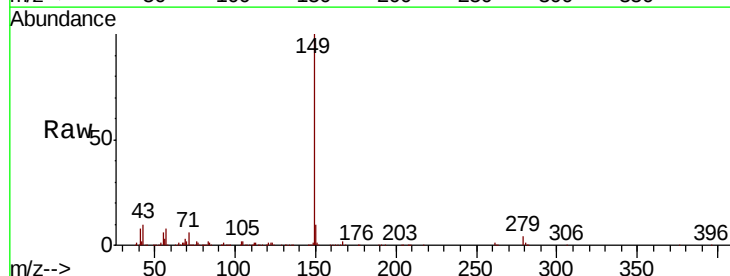


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

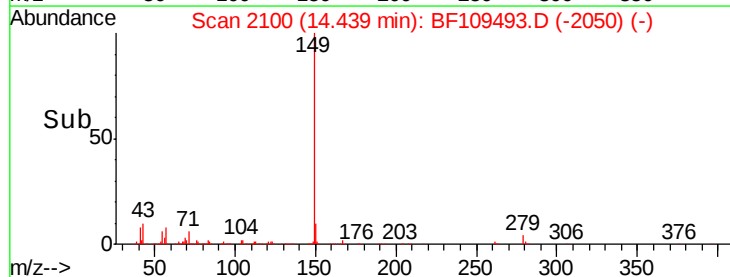
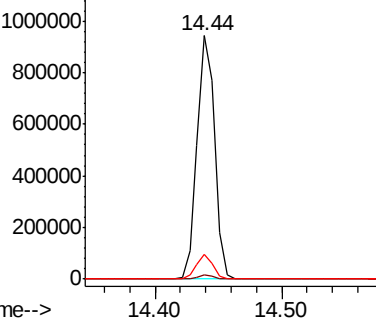


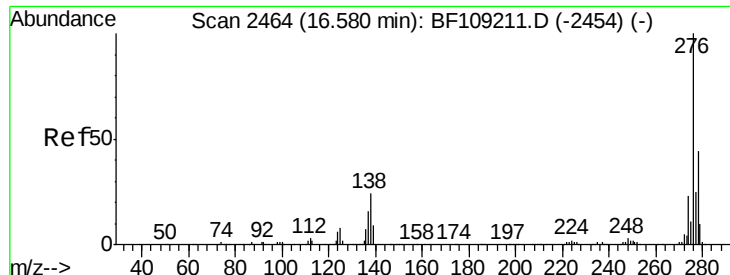
#84
 Di-n-octyl phthalate
 Concen: 42.585 ng
 RT: 14.44 min Scan# 2100
 Delta R.T. -0.01 min
 Lab File: BF109493.D
 Acq: 2 Oct 2018 11:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	9.5	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

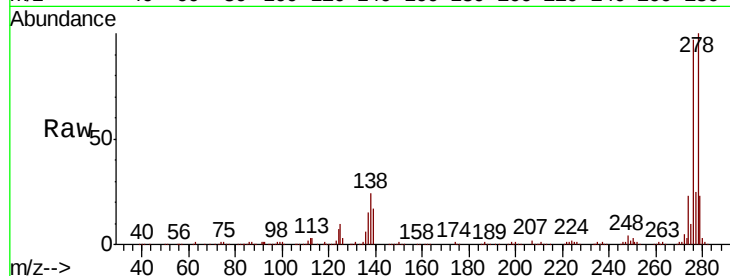




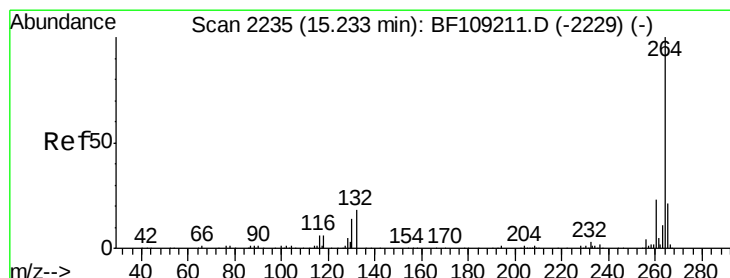
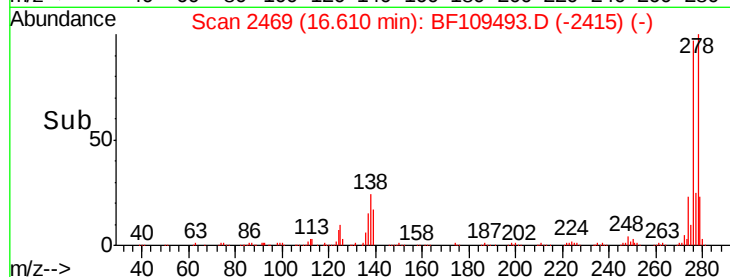
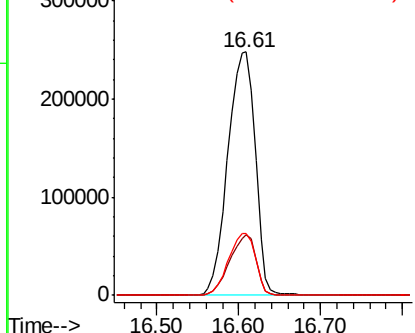
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.243 ng
 RT: 16.61 min Scan# 2469
 Delta R.T. 0.02 min
 Lab File: BF109493.D
 Acq: 2 Oct 2018 11:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 580256
 Ion Ratio Lower Upper
 276 100
 138 23.9 25.0 37.6#
 277 25.1 20.1 30.1

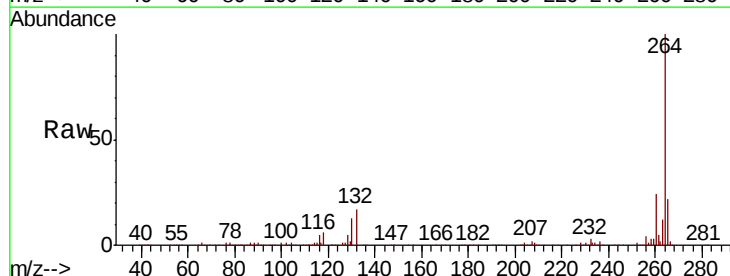


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

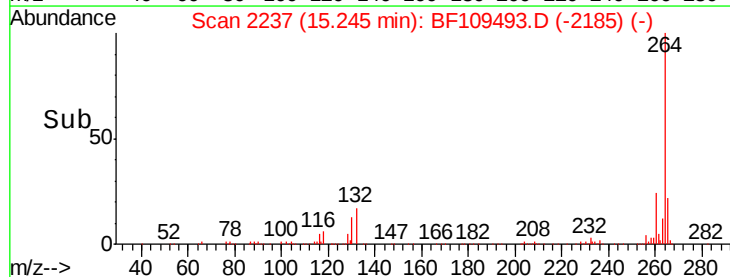
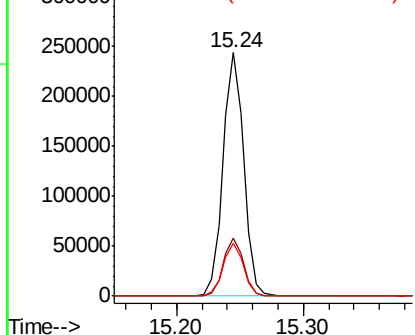


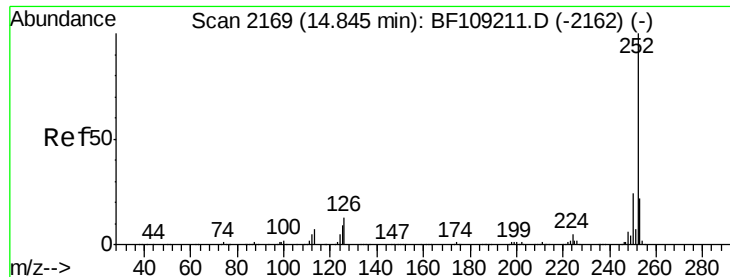
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BF109493.D
 Acq: 2 Oct 2018 11:40

Tgt Ion:264 Resp: 276163
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 22.0 17.5 26.3



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

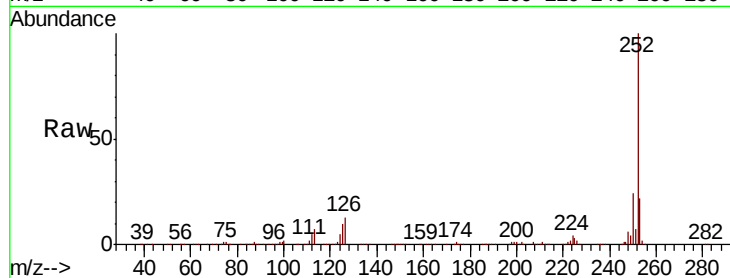




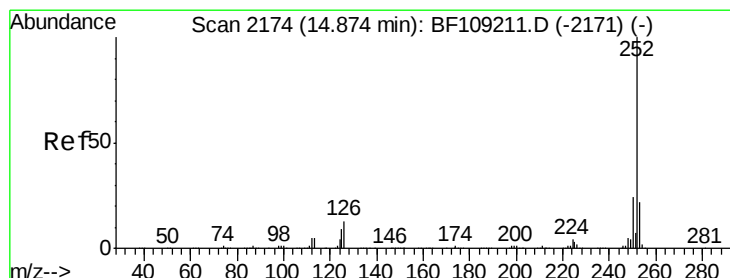
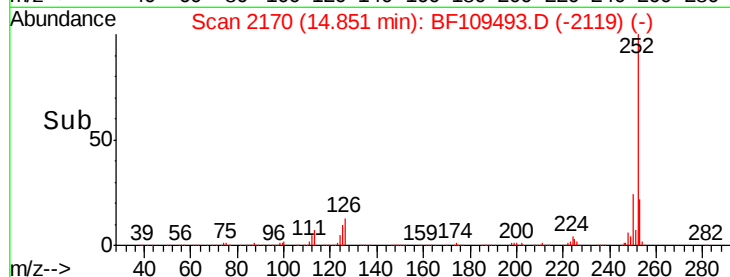
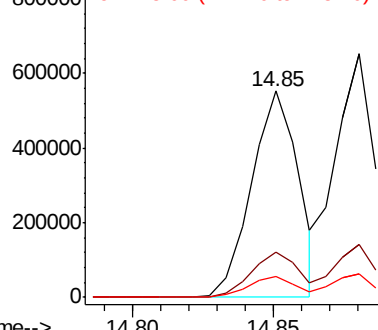
#87
Benzo(b)fluoranthene
Concen: 41.915 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 636063
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 10.1 9.0 13.6

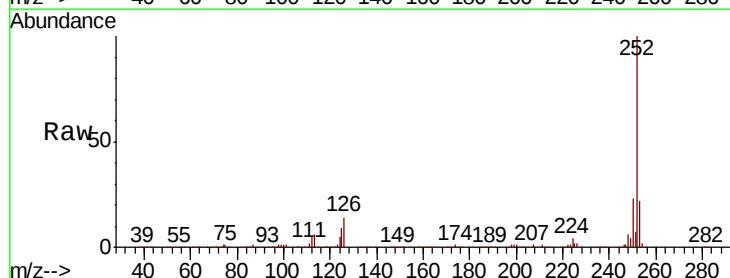


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

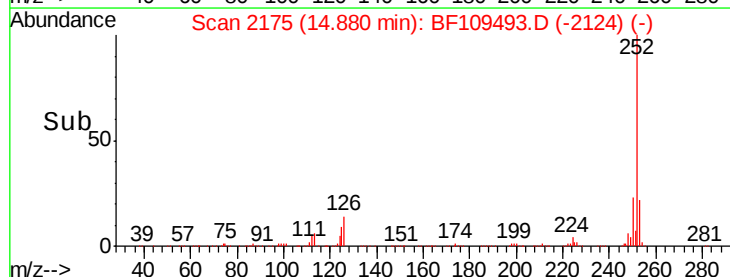
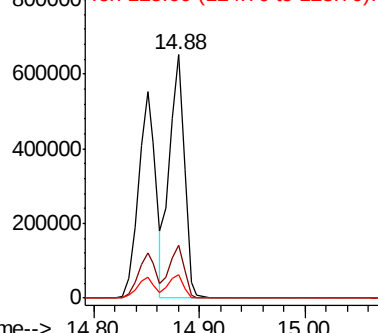


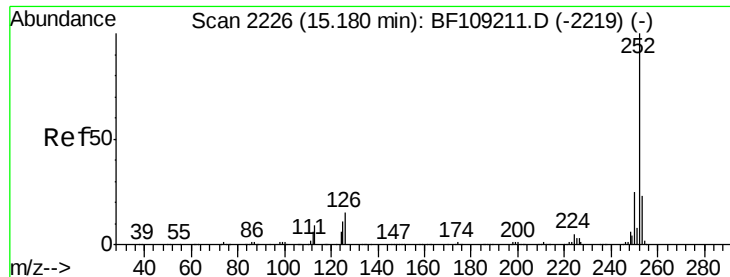
#88
Benzo(k)fluoranthene
Concen: 43.806 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Tgt Ion:252 Resp: 630793
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 9.4 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

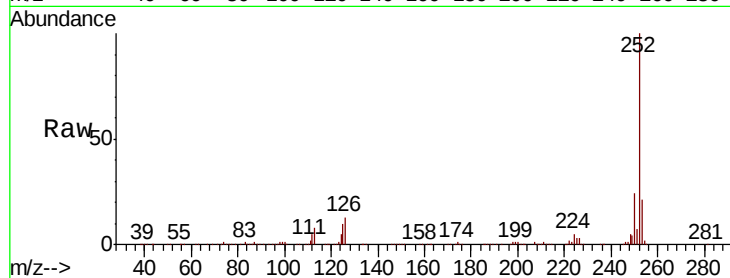




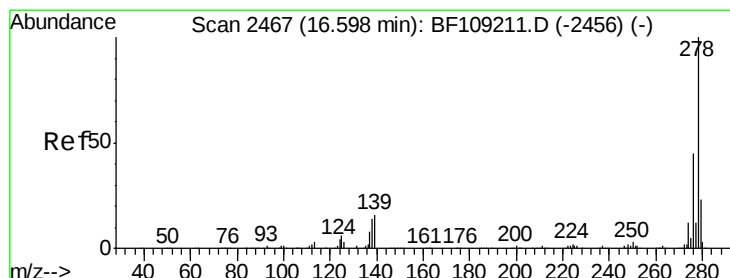
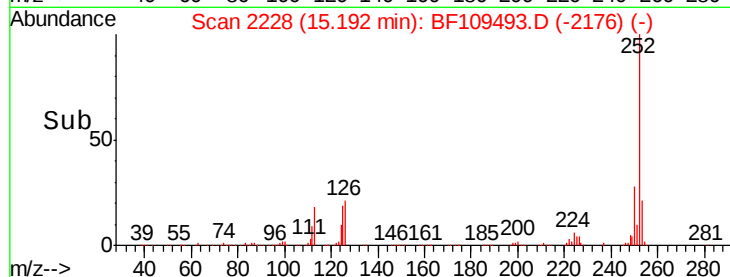
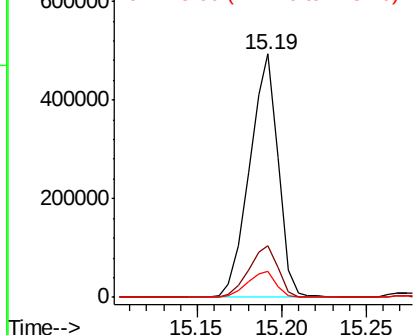
#89
Benzo(a)pyrene
Concen: 42.588 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 582341
Ion Ratio Lower Upper
252 100
253 21.2 17.1 25.7
125 10.5 9.8 14.6

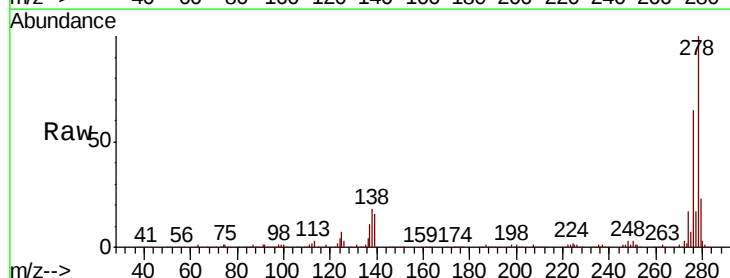


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

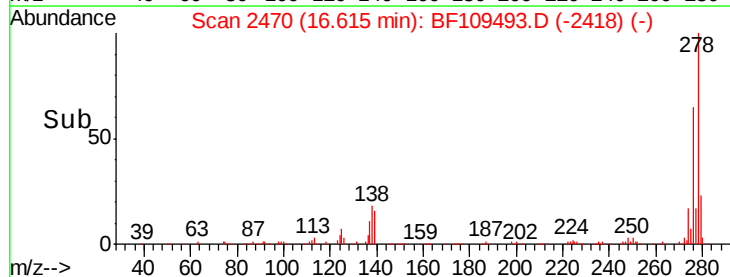
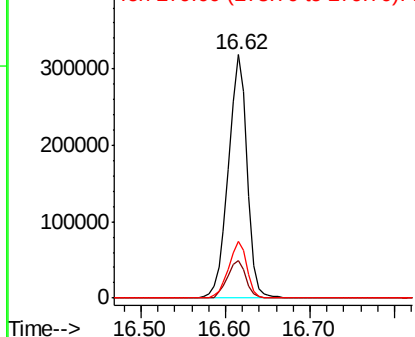


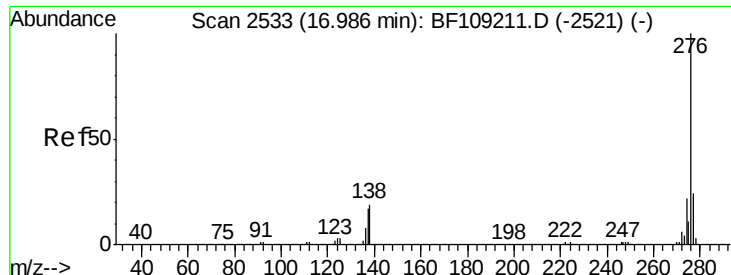
#90
Dibenzo(a,h)anthracene
Concen: 43.174 ng
RT: 16.62 min Scan# 2470
Delta R.T. 0.01 min
Lab File: BF109493.D
Acq: 2 Oct 2018 11:40

Tgt Ion:278 Resp: 484328
Ion Ratio Lower Upper
278 100
139 15.6 15.9 23.9#
279 23.2 19.0 28.4



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





#91

Benzo(a,h,i)perylene

Concen: 43.634 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF109493.D

Acq: 2 Oct 2018 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

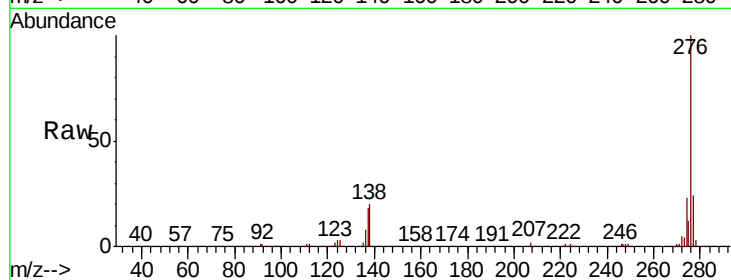
Tot Ion:276 Resp: 481067

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 20.2 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

