

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110233.D
 Acq On : 27 Oct 2018 1:55
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 27 02:21:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	105206	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	401442	20.00	ng	-0.02
39) Acenaphthene-d10	10.02	164	156015	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	247478	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	178892	20.00	ng	-0.01
87) Perylene-d12	15.68	264	123807	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	524554	81.19	ng	-0.01
7) Phenol-d6	6.59	99	638821	77.31	ng	-0.01
23) Nitrobenzene-d5	7.53	82	557940	82.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	102772	66.50	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	935825	94.19	ng	-0.01
79) Terphenyl-d14	13.09	244	753309	87.58	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.81	88	134769	39.816	ng	92
3) Pyridine	3.59	79	309989	41.118	ng	89
4) n-Nitrosodimethylamine	3.55	42	128321	40.626	ng	# 94
6) Aniline	6.63	93	409529	38.044	ng	# 53
8) 2-Chlorophenol	6.76	128	294375	39.522	ng	97
9) Benzaldehyde	6.52	77	192782	40.242	ng	99
10) Phenol	6.60	94	338799	38.356	ng	# 65
11) bis(2-Chloroethyl)ether	6.70	93	279357	38.441	ng	96
12) 1,3-Dichlorobenzene	6.91	146	322057	39.290	ng	98
13) 1,4-Dichlorobenzene	6.99	146	325395	39.251	ng	99
14) 1,2-Dichlorobenzene	7.14	146	302240	39.273	ng	99
15) Benzyl Alcohol	7.10	79	238897	37.588	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.24	45	431425	37.130	ng	68
17) 2-Methylphenol	7.22	107	221811	37.367	ng	# 81
18) Hexachloroethane	7.48	117	84221	27.749	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	196004	36.972	ng	95
20) 3+4-Methylphenols	7.37	107	291857	38.037	ng	97
22) Acetophenone	7.38	105	381496	41.242	ng	98
24) Nitrobenzene	7.55	77	286593	41.014	ng	96
25) Isophorone	7.79	82	447508	38.789	ng	96
26) 2-Nitrophenol	7.87	139	97548	29.336	ng	89
27) 2,4-Dimethylphenol	7.90	122	214798	38.962	ng	97
28) bis(2-Chloroethoxy)methane	7.99	93	316380	40.367	ng	99
29) 2,4-Dichlorophenol	8.10	162	212313	38.119	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	250993	40.232	ng	96
31) Naphthalene	8.27	128	726794	39.282	ng	99
32) Benzoic acid	7.98	122	56475	13.254	ng	97
33) 4-Chloroaniline	8.32	127	318741	38.278	ng	99
34) Hexachlorobutadiene	8.39	225	142128	41.030	ng	98
35) Caprolactam	8.69	113	67275	34.655	ng	94
36) 4-Chloro-3-methylphenol	8.80	107	210486	34.948	ng	91
37) 2-Methylnaphthalene	8.97	142	452392	36.956	ng	98
38) 1-Methylnaphthalene	9.07	142	427145	36.108	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	217015	44.643	ng	99

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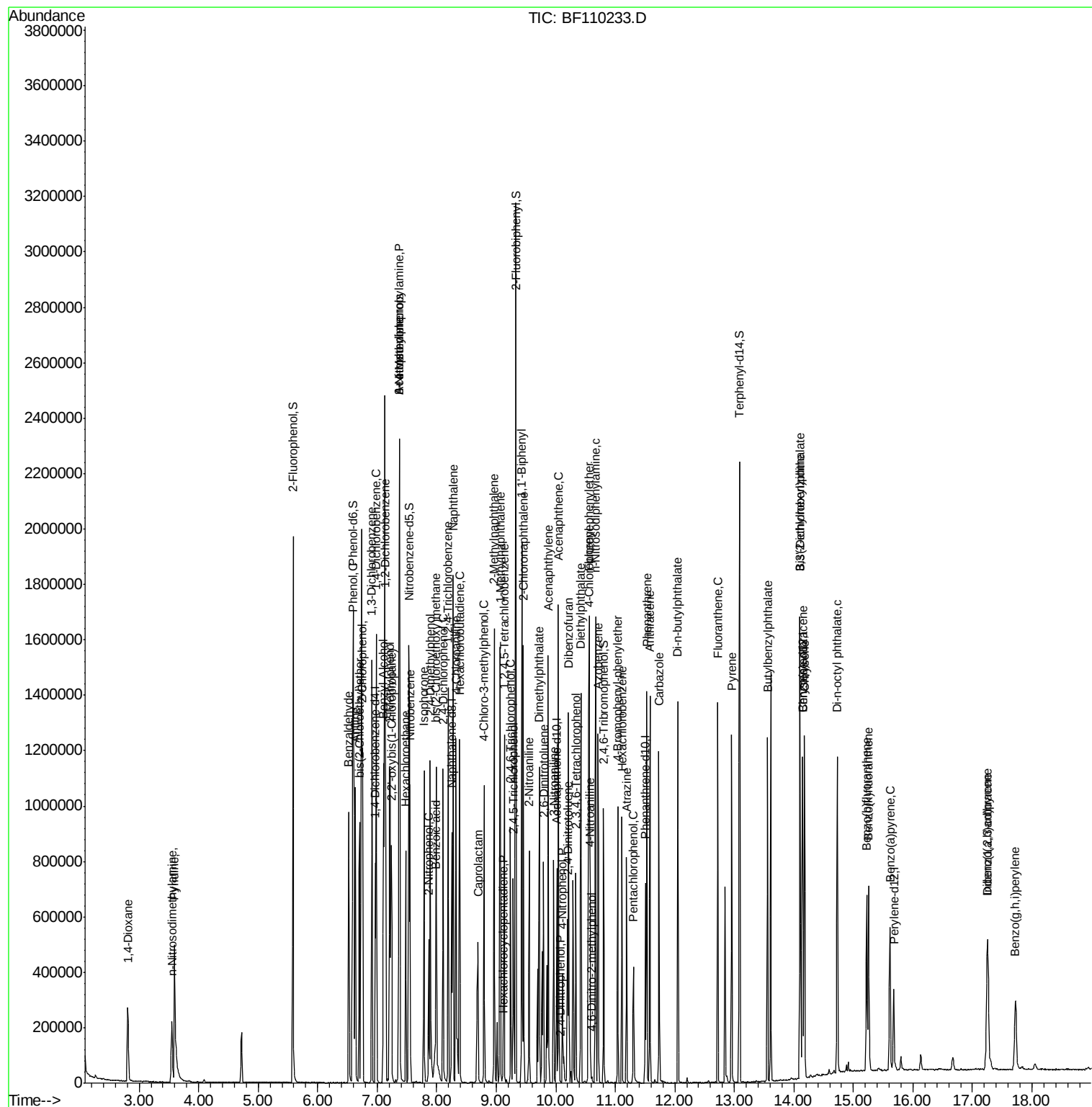
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	8951	3.601	nq	92
43) 2,4,6-Trichlorophenol	9.25	196	124339	39.657	nq	97
44) 2,4,5-Trichlorophenol	9.29	196	123608	37.297	nq	94
46) 1,1'-Biphenyl	9.43	154	619659	43.921	nq	99
47) 2-Chloronaphthalene	9.46	162	439974	42.514	nq	100
48) 2-Nitroaniline	9.55	65	136641	43.571	nq	98
49) Acenaphthylene	9.87	152	602742	40.324	nq	99
50) Dimethylphthalate	9.72	163	500856	43.490	nq	99
51) 2,6-Dinitrotoluene	9.79	165	89399	36.037	nq	88
52) Acenaphthene	10.05	154	373358	37.757	nq	98
53) 3-Nitroaniline	9.96	138	126859	43.002	nq	92
54) 2,4-Dinitrophenol	10.07	184	1033	6.156	nq	91
55) Dibenzofuran	10.22	168	537460	38.821	nq	94
56) 4-Nitrophenol	10.12	139	62791	28.758	nq	91
57) 2,4-Dinitrotoluene	10.20	165	97111	30.819	nq	# 84
58) Fluorene	10.56	166	379280	36.809	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	84982	31.459	nq	94
60) Diethylphthalate	10.42	149	464475	41.316	nq	99
61) 4-Chlorophenyl-phenylether	10.55	204	210918	38.803	nq	98
62) 4-Nitroaniline	10.58	138	119528	40.737	nq	91
63) Azobenzene	10.71	77	406137	36.395	nq	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	2316	2.048	nq	# 69
66) n-Nitrosodiphenylamine	10.67	169	365314	45.004	nq	96
67) 4-Bromophenyl-phenylether	11.05	248	115762	43.124	nq	98
68) Hexachlorobenzene	11.11	284	114362	40.152	nq	# 89
69) Atrazine	11.19	200	98907	38.557	nq	99
70) Pentachlorophenol	11.30	266	50123	30.179	nq	98
71) Phenanthrene	11.53	178	513523	39.657	nq	99
72) Anthracene	11.58	178	518669	39.961	nq	99
73) Carbazole	11.73	167	510179	40.257	nq	100
74) Di-n-butylphthalate	12.05	149	631787	44.141	nq	99
75) Fluoranthene	12.72	202	514171	39.124	nq	99
77) Benzidine	12.84	184	289276	Below	Cal	98
78) Pyrene	12.96	202	533875	41.628	nq	98
80) Butylbenzylphthalate	13.56	149	249973	44.906	nq	99
81) Benzo(a)anthracene	14.14	228	422155	39.793	nq	98
82) 3,3'-Dichlorobenzidine	14.10	252	166979	45.201	nq	98
83) Chrysene	14.18	228	402928	39.988	nq	98
84) Bis(2-ethylhexyl)phthalate	14.11	149	347532	46.184	nq	97
85) Di-n-octyl phthalate	14.73	149	534312	45.665	nq	98
86) Indeno(1,2,3-cd)pyrene	17.24	276	272603	32.611	nq	96
88) Benzo(b)fluoranthene	15.22	252	303092	42.394	nq	98
89) Benzo(k)fluoranthene	15.26	252	289892	41.245	nq	99
90) Benzo(a)pyrene	15.62	252	264467	40.201	nq	98
91) Dibenzo(a,h)anthracene	17.26	278	232397	40.941	nq	98
92) Benzo(g,h,i)perylene	17.73	276	221505	39.600	nq	97

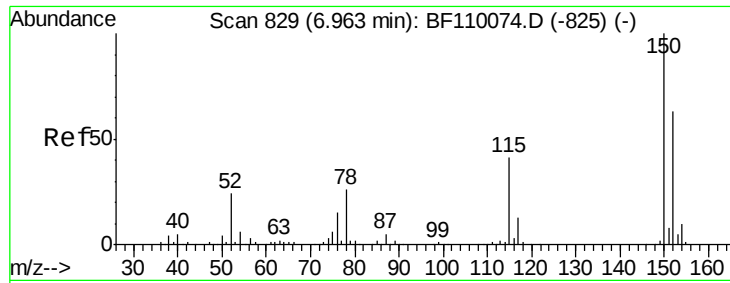
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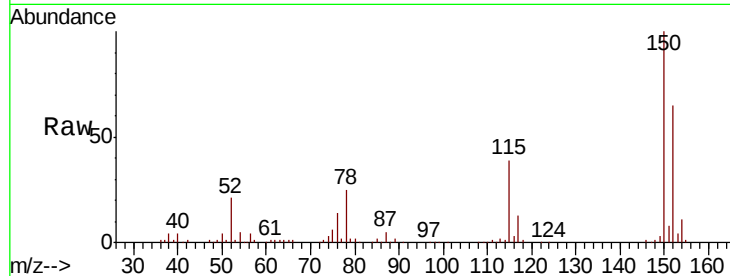


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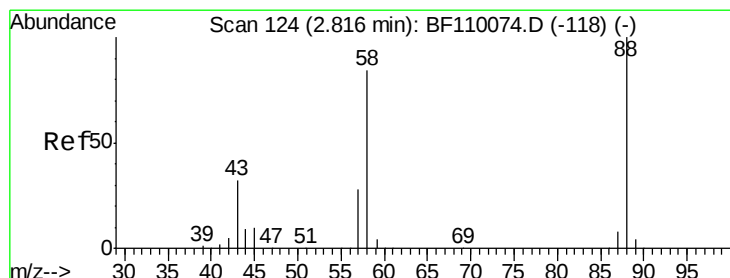
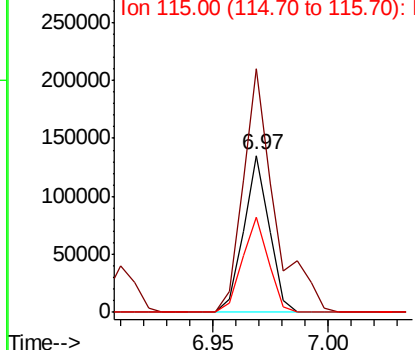
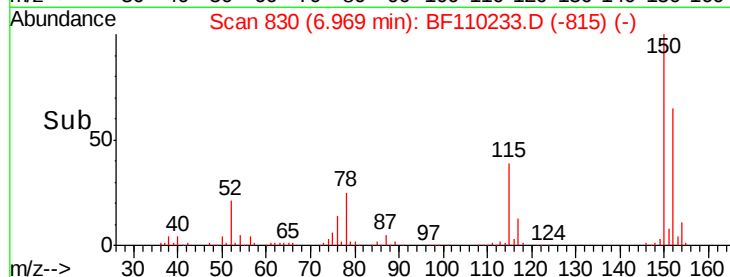
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 105206
Ion Ratio Lower Upper
152 100
150 154.9 122.7 184.1
115 60.5 49.1 73.7



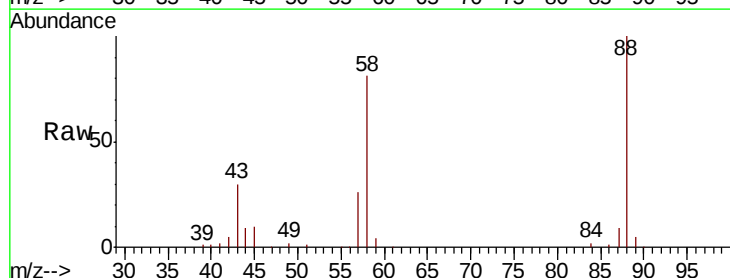
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



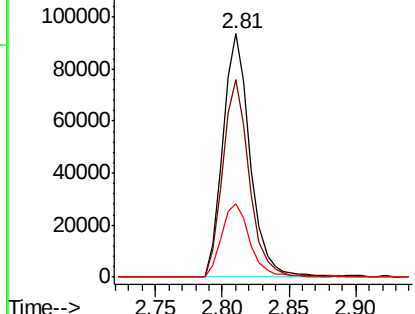
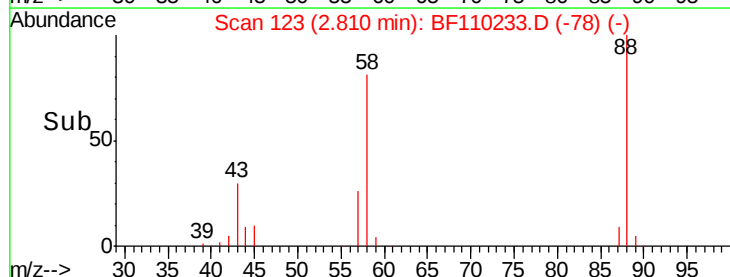
#2

1,4-Dioxane
Concen: 39.816 ng
RT: 2.81 min Scan# 123
Delta R.T. -0.04 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Tgt Ion: 88 Resp: 134769
Ion Ratio Lower Upper
88 100
58 79.3 57.1 85.7
43 31.6 24.1 36.1



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

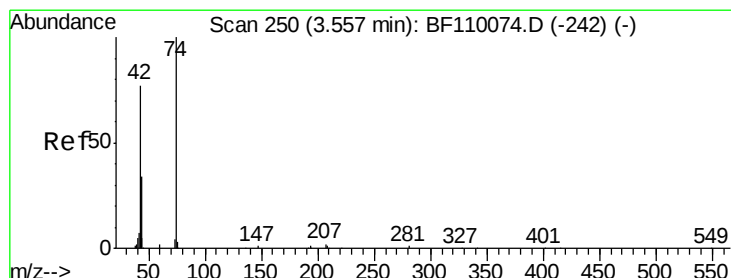
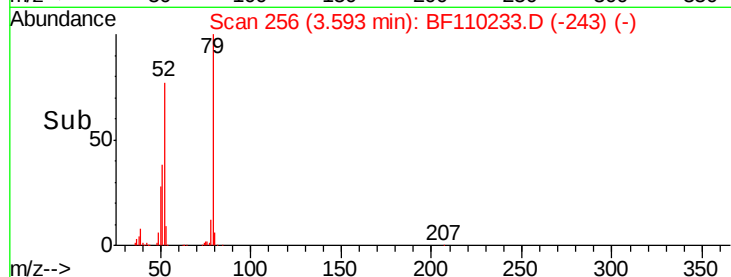
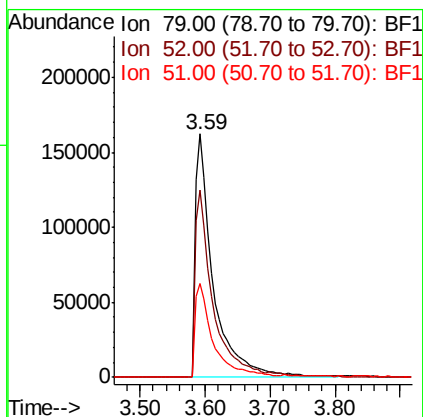
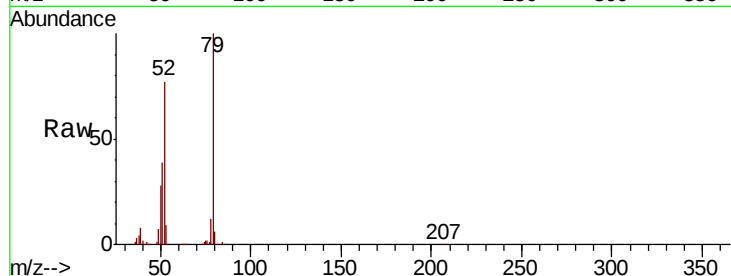




#3
 Pvridine
 Concen: 41.118 ng
 RT: 3.59 min Scan# 256
 Delta R.T. -0.02 min
 Lab File: BF110233.D
 Acq: 27 Oct 2018 1:55

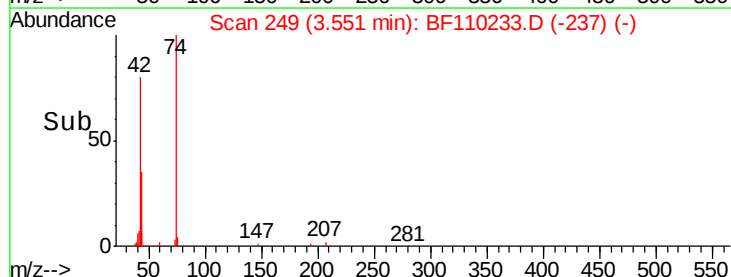
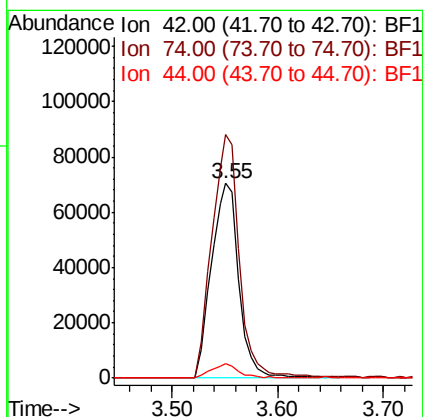
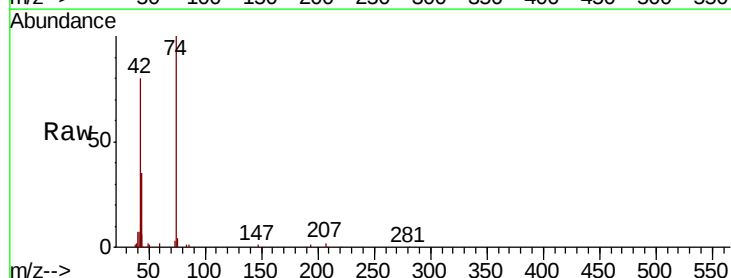
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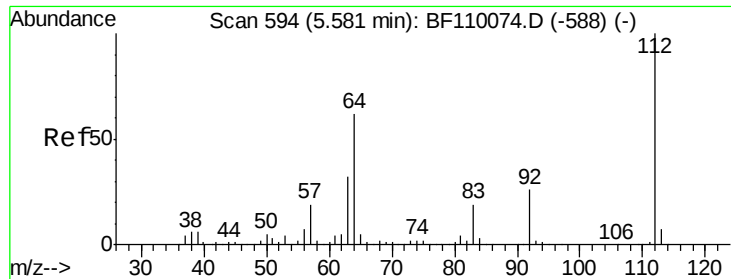
Tot Ion: 79 Resp: 309989
 Ion Ratio Lower Upper
 79 100
 52 76.9 53.1 79.7
 51 38.8 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 40.626 ng
 RT: 3.55 min Scan# 249
 Delta R.T. -0.03 min
 Lab File: BF110233.D
 Acq: 27 Oct 2018 1:55

Tgt Ion: 42 Resp: 128321
 Ion Ratio Lower Upper
 42 100
 74 125.2 105.5 158.3
 44 7.5 4.9 7.3#

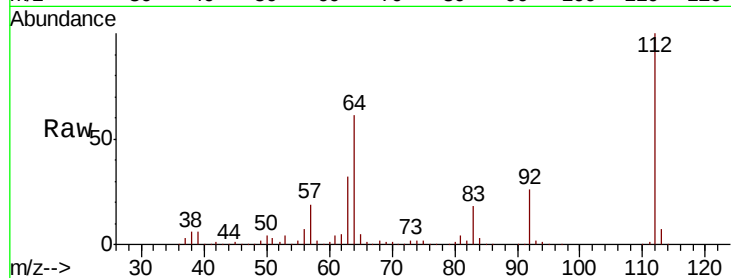




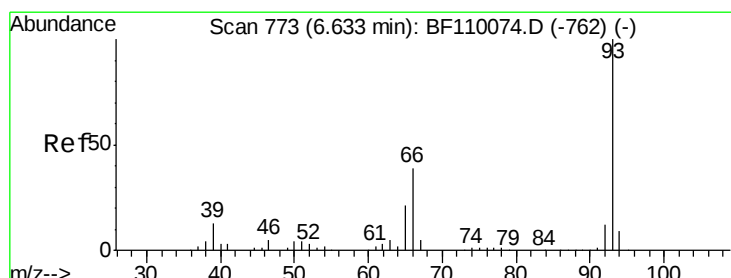
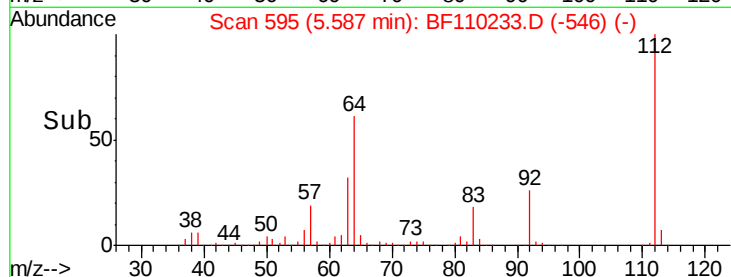
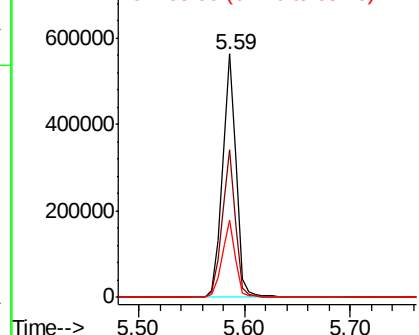
#5
2-Fluorophenol
Concen: 81.194 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

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Tot Ion:112 Resp: 524554
Ion Ratio Lower Upper
112 100
64 60.8 44.1 66.1
63 31.8 23.7 35.5

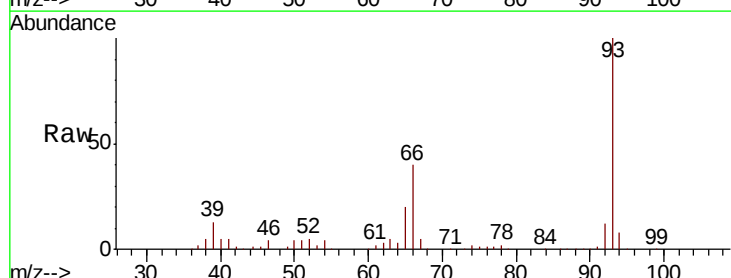


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

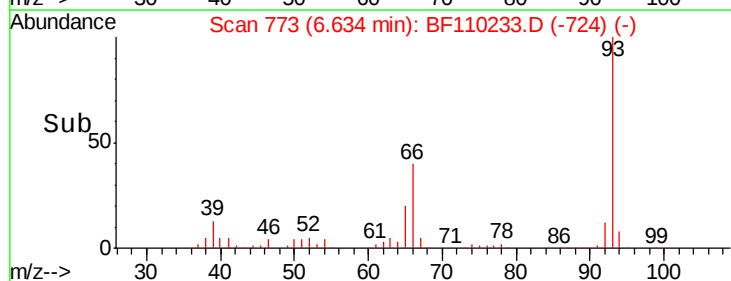
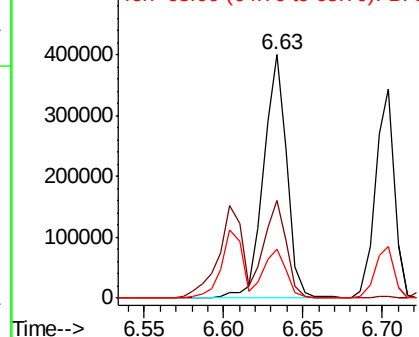


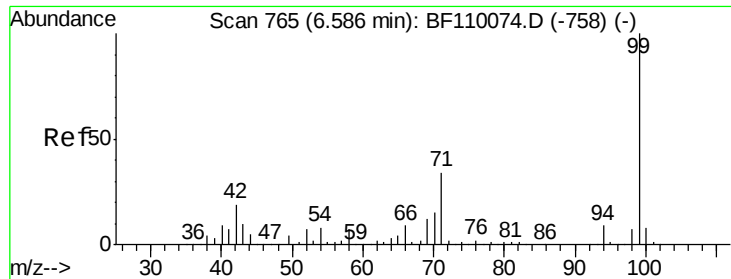
#6
Aniline
Concen: 38.044 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Tgt Ion: 93 Resp: 409529
Ion Ratio Lower Upper
93 100
66 39.9 67.4 101.0#
65 20.2 41.0 61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.307 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

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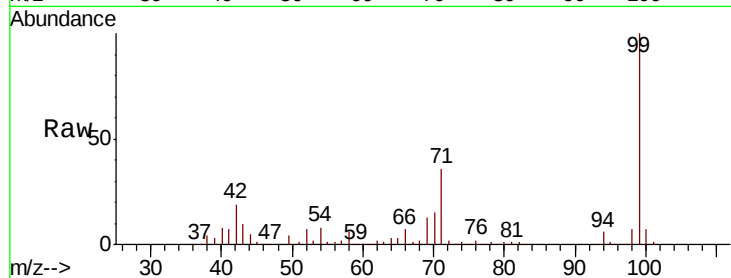
Tot Ion: 99 Resp: 638821

Ion Ratio Lower Upper

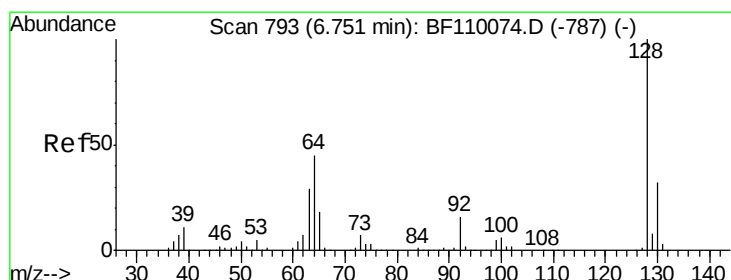
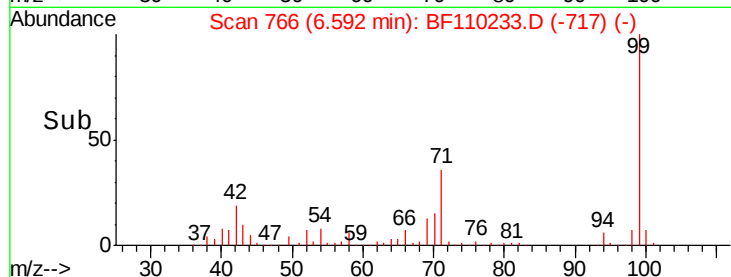
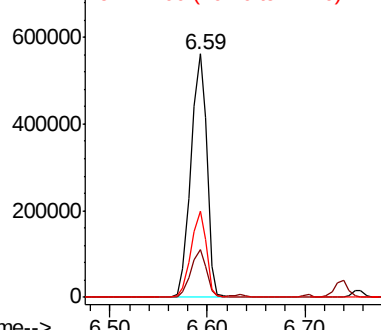
99 100

42 19.4 15.8 23.6

71 35.6 28.0 42.0



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: 39.522 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF110233.D

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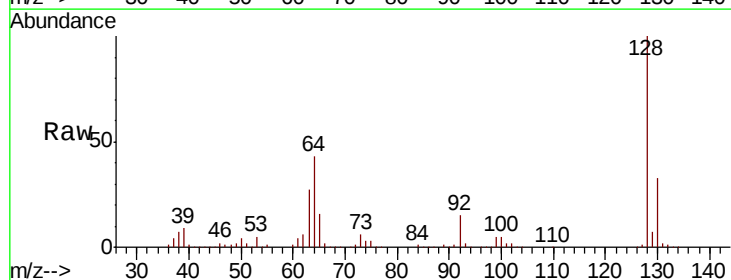
Tgt Ion: 128 Resp: 294375

Ion Ratio Lower Upper

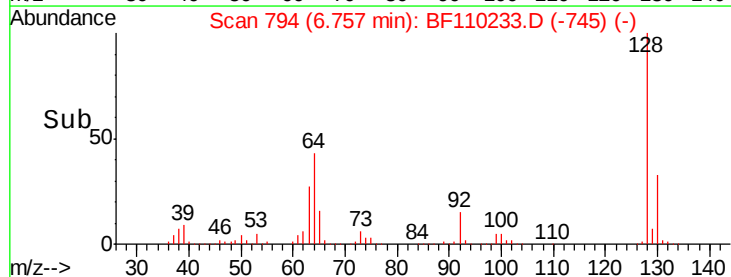
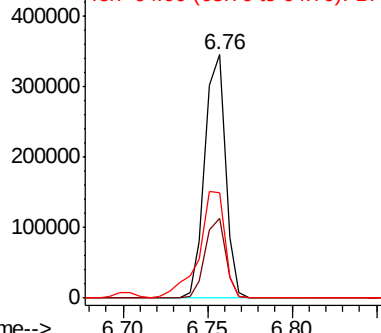
128 100

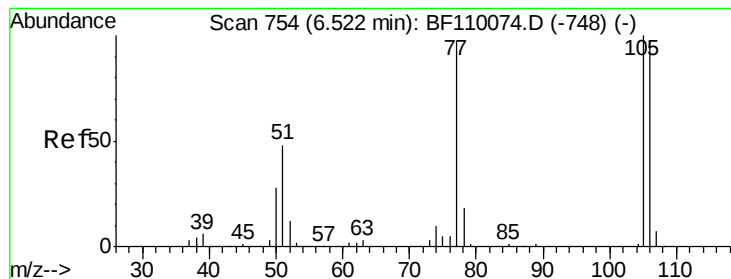
130 32.7 13.1 53.1

64 43.0 26.0 66.0



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: 40.242 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

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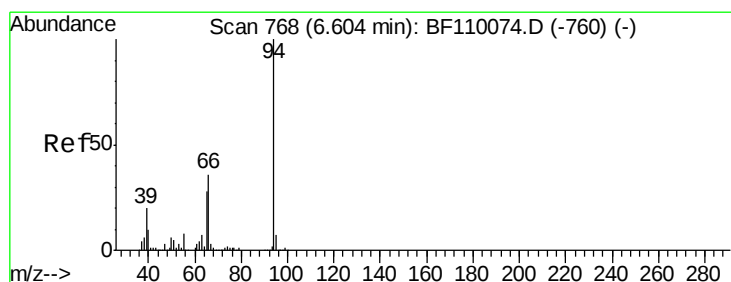
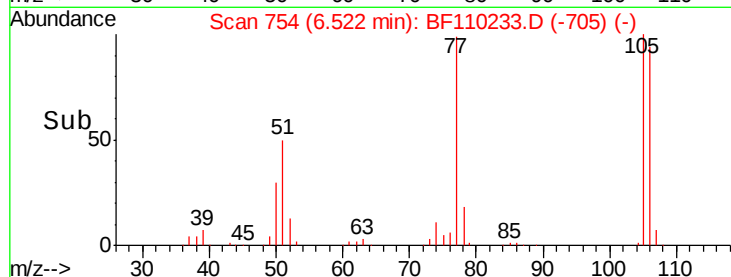
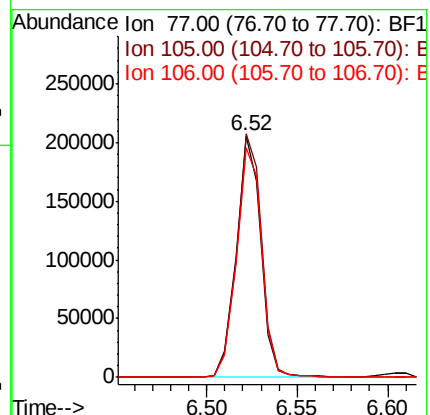
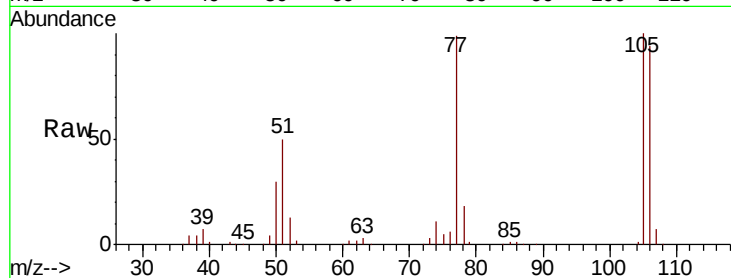
Tot Ion: 77 Resp: 192782

Ion Ratio Lower Upper

77 100

105 100.9 78.6 118.6

106 95.3 74.8 114.8



#10

Phenol

Concen: 38.356 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

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Acq: 27 Oct 2018 1:55

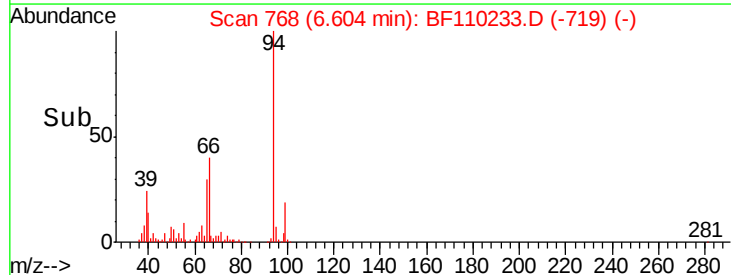
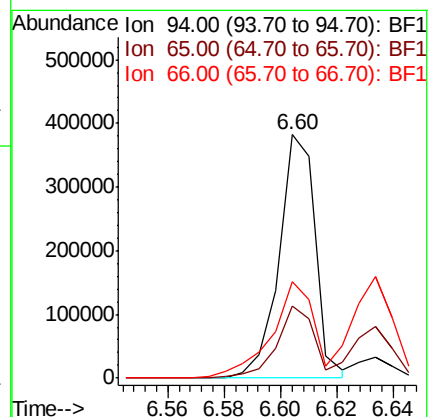
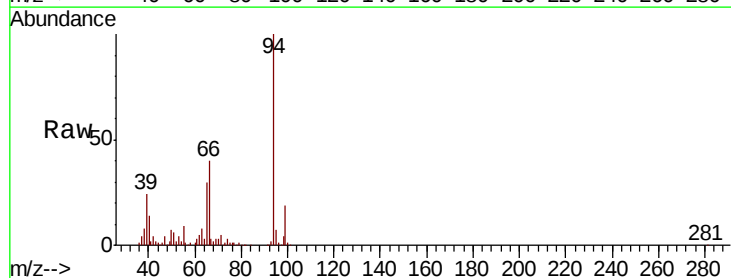
Tgt Ion: 94 Resp: 338799

Ion Ratio Lower Upper

94 100

65 29.6 25.3 65.3

66 39.6 54.5 94.5#





#11

bis(2-Chloroethyl)ether

Concen: 38.441 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

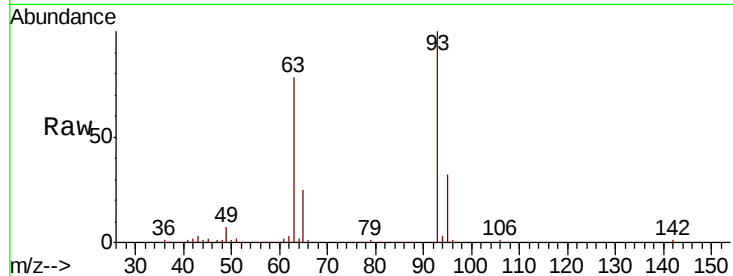
Tot Ion: 93 Resp: 279357

Ion Ratio Lower Upper

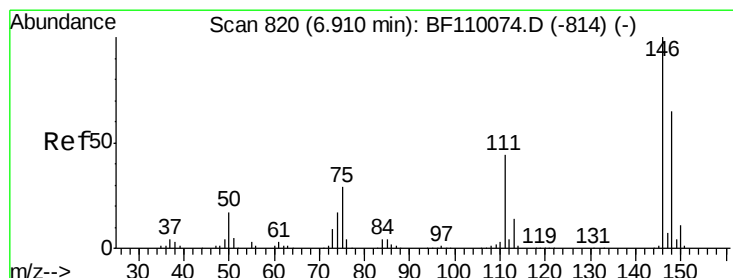
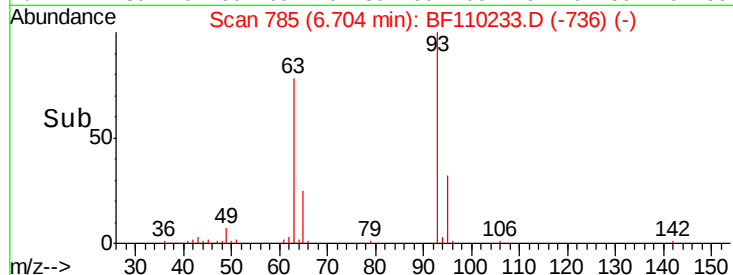
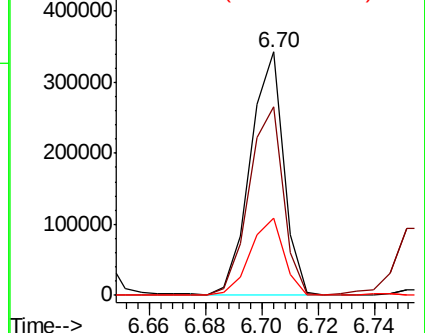
93 100

63 77.5 53.4 93.4

95 31.6 12.1 52.1



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.290 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

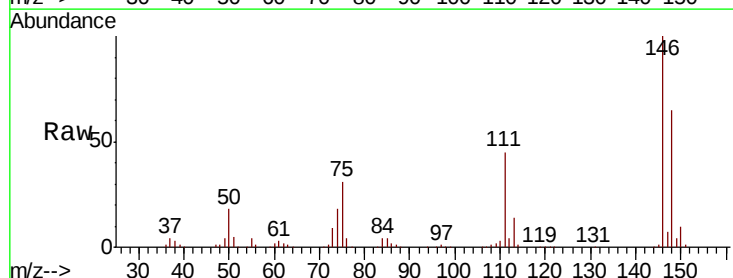
Tgt Ion: 146 Resp: 322057

Ion Ratio Lower Upper

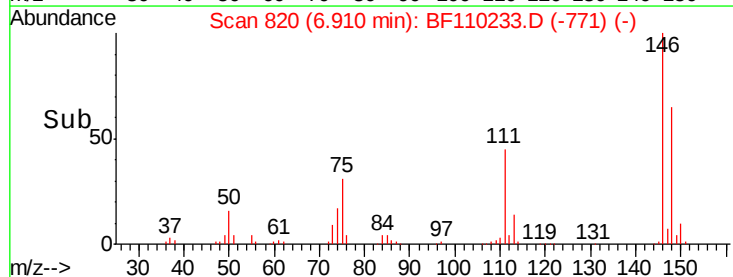
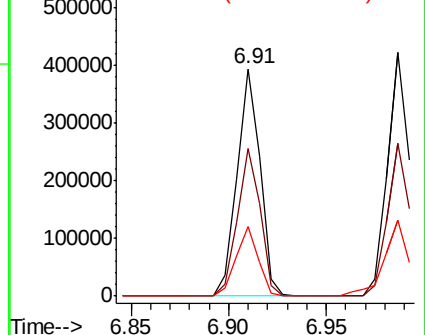
146 100

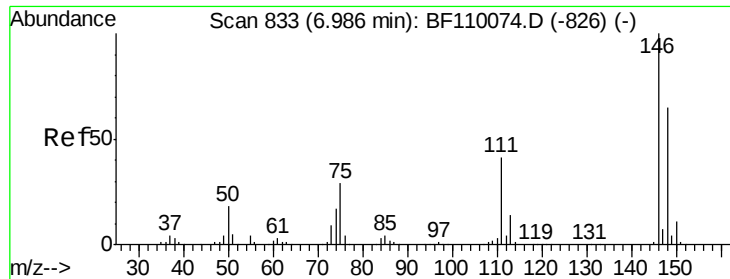
148 64.7 50.4 75.6

75 30.8 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

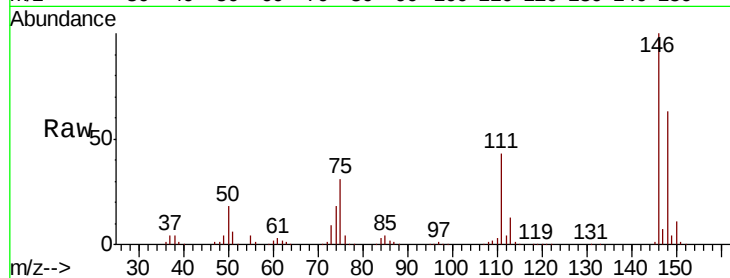




#13
 1,4-Dichlorobenzene
 Concen: 39.251 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110233.D
 Acq: 27 Oct 2018 1:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.3	75.5
111	42.8	32.7	49.1

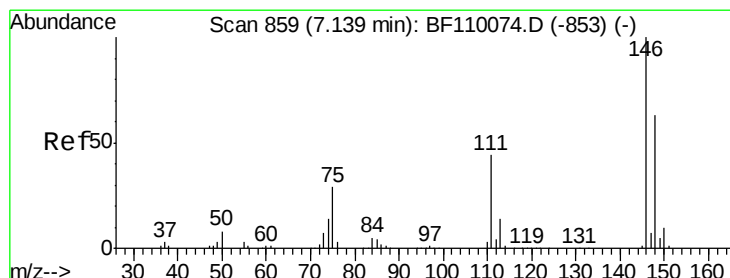
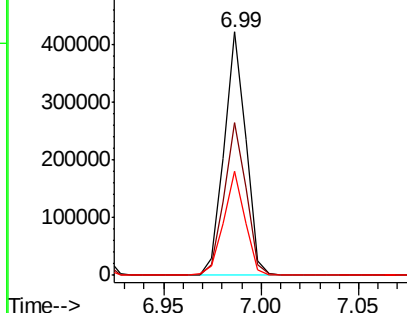
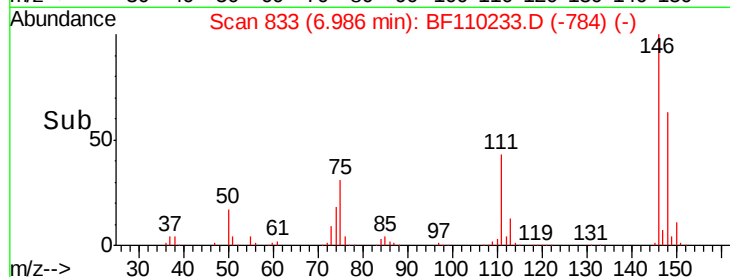


Abundance

Ion 146.00 (145.70 to 146.70): E

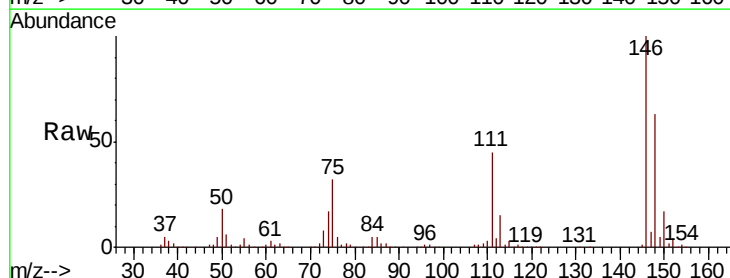
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.273 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110233.D
 Acq: 27 Oct 2018 1:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.1	76.7
111	45.3	35.8	53.6

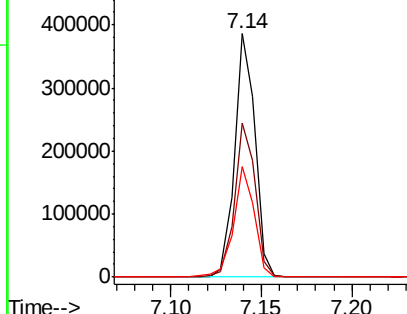
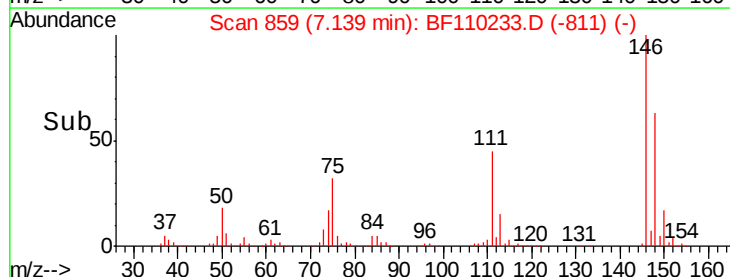


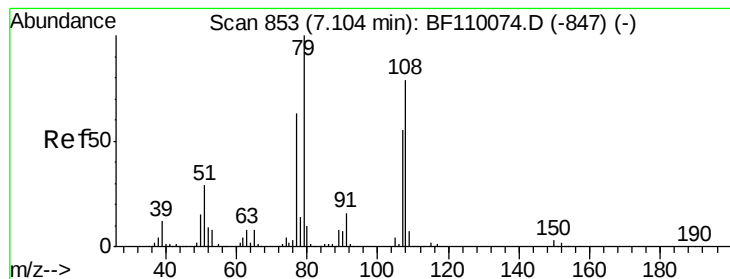
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.588 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

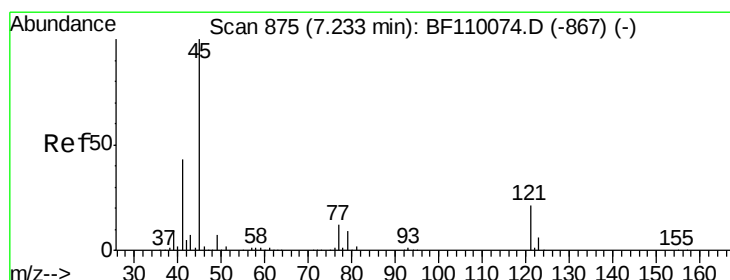
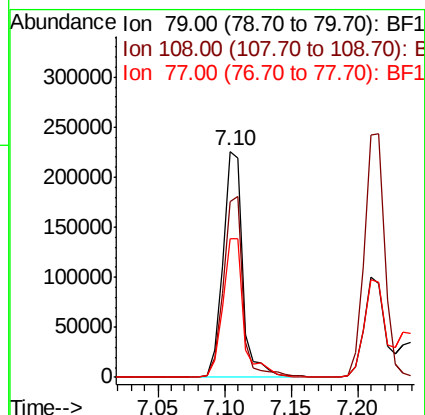
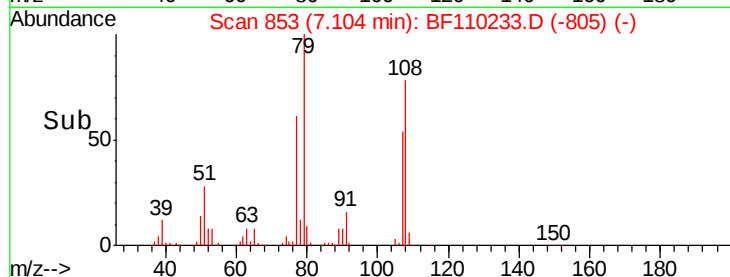
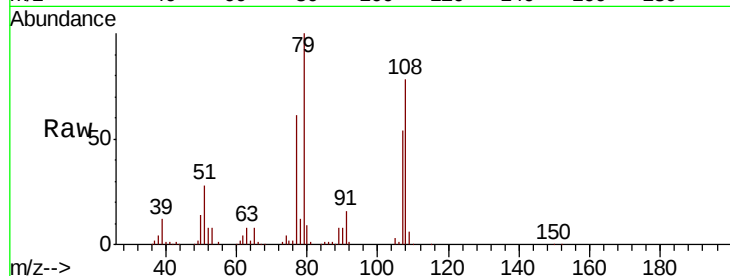
Tot Ion: 79 Resp: 238897

Ion Ratio Lower Upper

79 100

108 78.0 56.3 84.5

77 61.3 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.130 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

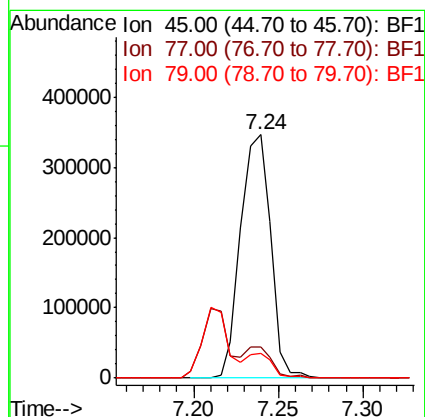
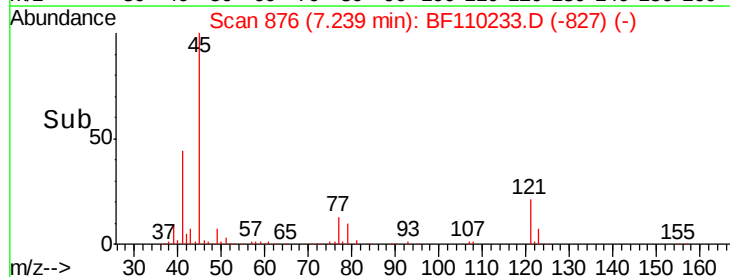
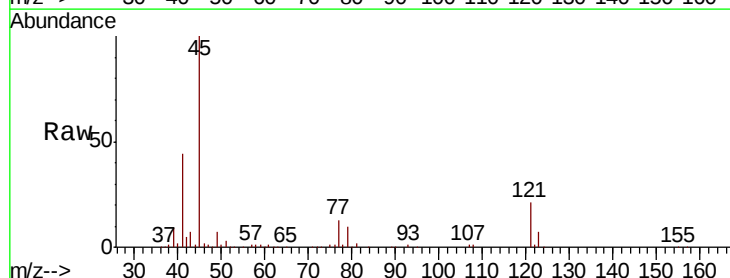
Tgt Ion: 45 Resp: 431425

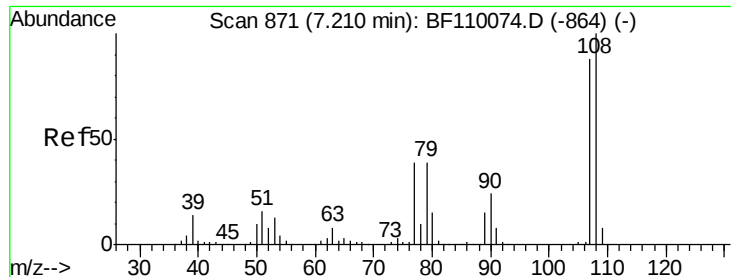
Ion Ratio Lower Upper

45 100

77 12.8 10.0 50.0

79 10.1 6.1 46.1

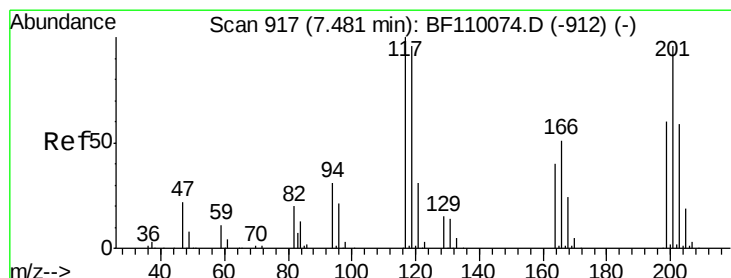
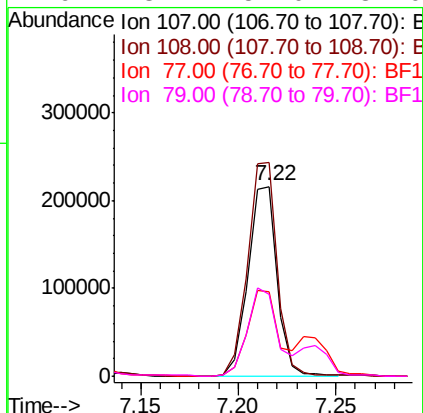
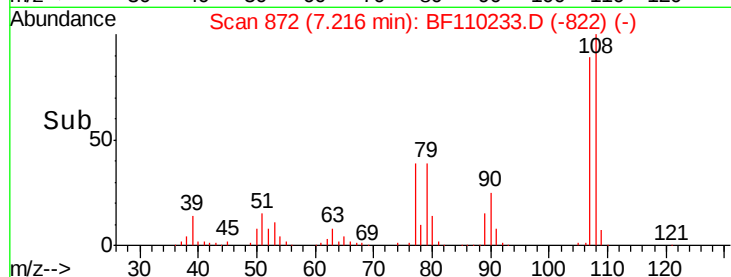
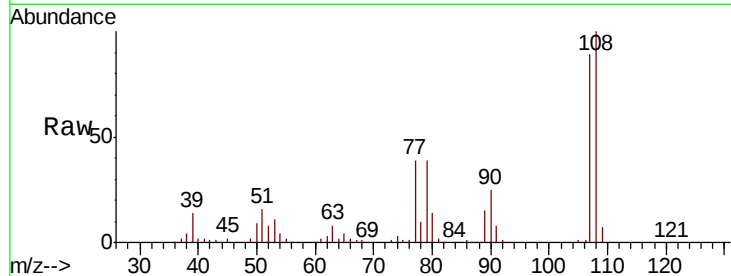




#17
2-Methylphenol
Concen: 37.367 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

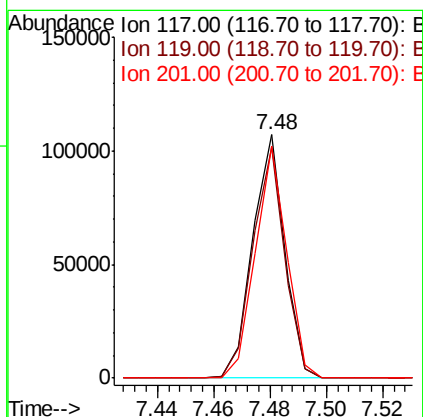
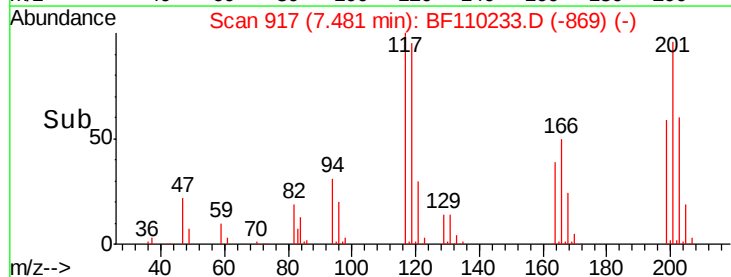
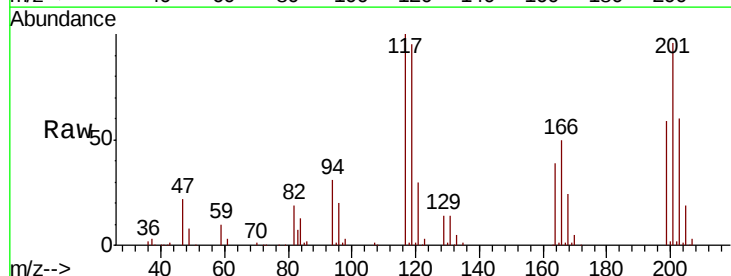
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

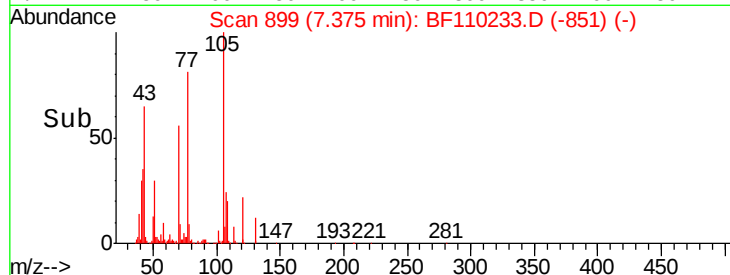
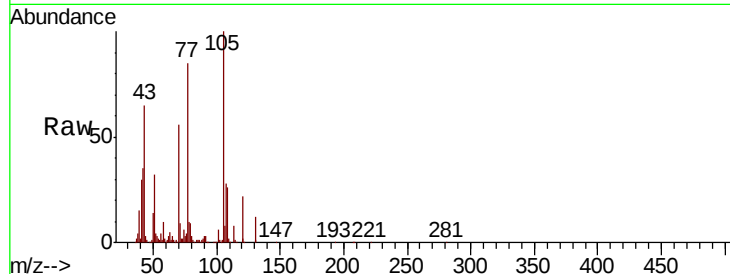
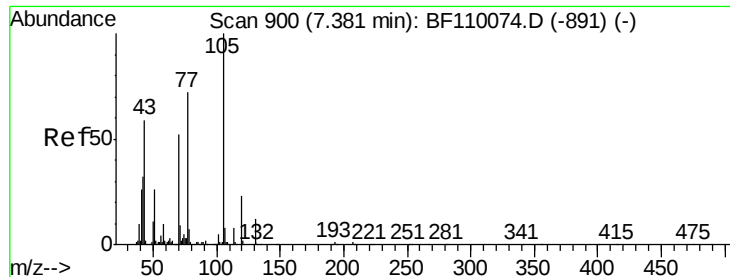
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.6	92.6	138.8
77	44.2	59.4	89.2#
79	43.4	54.0	81.0#



#18
Hexachloroethane
Concen: 27.749 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.0	112.6
201	95.6	79.2	118.8

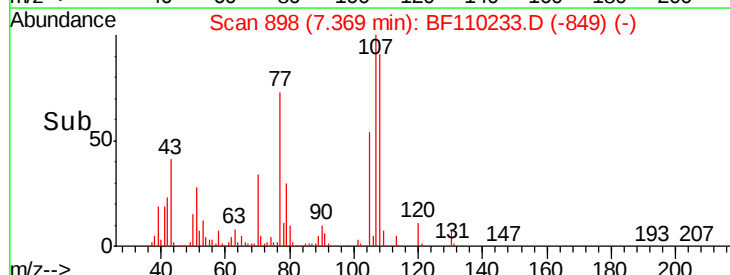
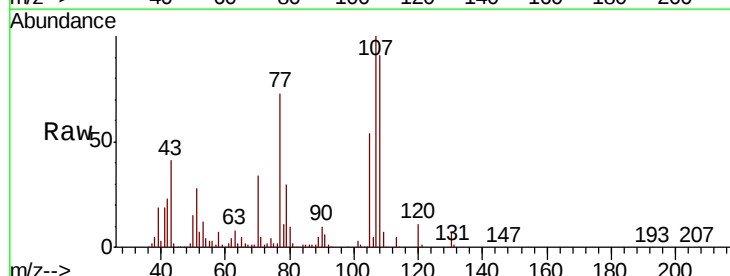
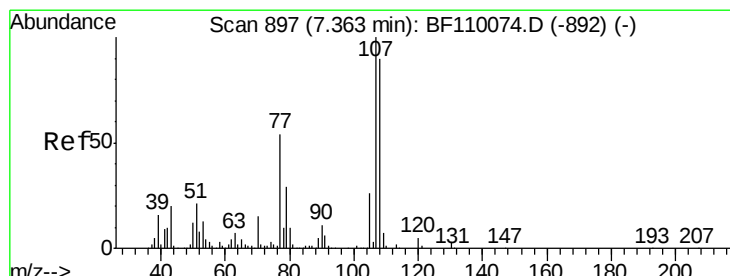
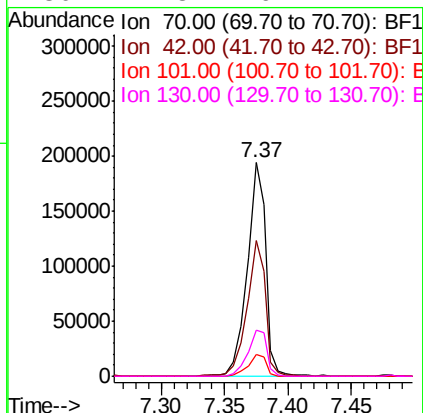




#19
n-Nitroso-di-n-propylamine
Concen: 36.972 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

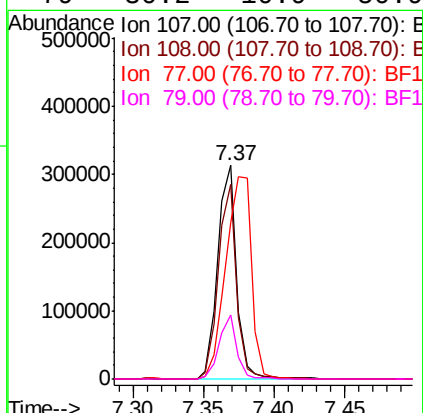
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

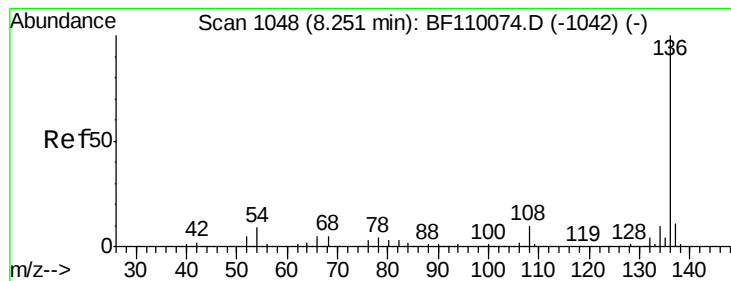
Tot Ion:	70	Resp:	196004
Ion	Ratio	Lower	Upper
70	100		
42	63.4	47.4	71.2
101	10.3	7.3	10.9
130	21.8	16.2	24.2



#20
3+4-Methylphenols
Concen: 38.037 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Tgt Ion:	107	Resp:	291857
Ion	Ratio	Lower	Upper
107	100		
108	91.0	71.4	111.4
77	72.9	47.3	87.3
79	30.2	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 401442

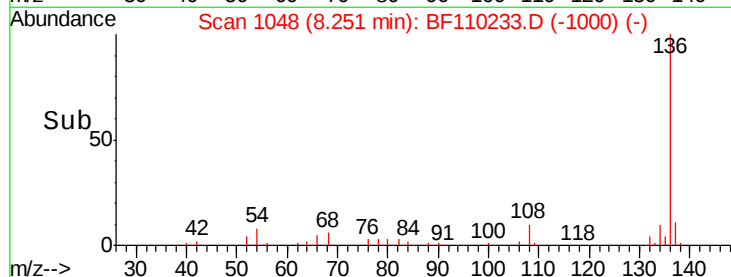
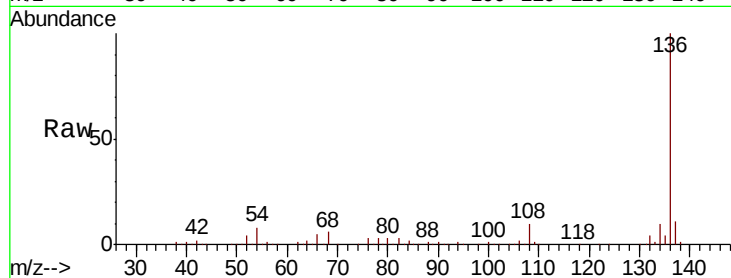
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 8.3 5.4 8.2#

68 5.9 4.2 6.2

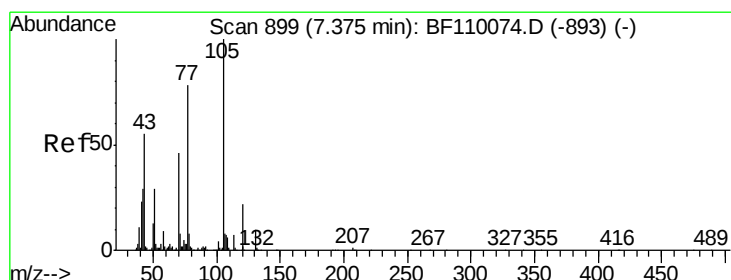
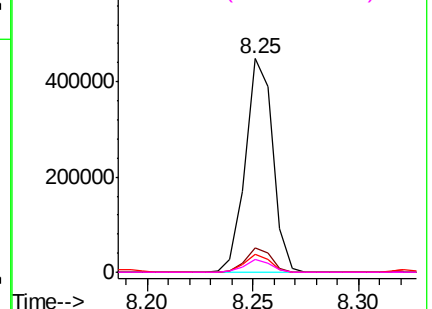


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.242 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

Tgt Ion:105 Resp: 381496

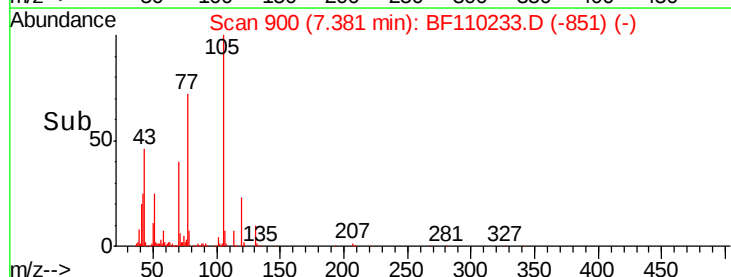
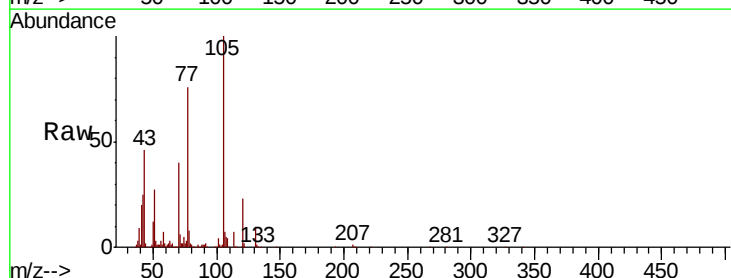
Ion Ratio Lower Upper

105 100

71 6.4 5.2 7.8

51 26.7 21.8 32.8

120 23.0 17.0 25.4

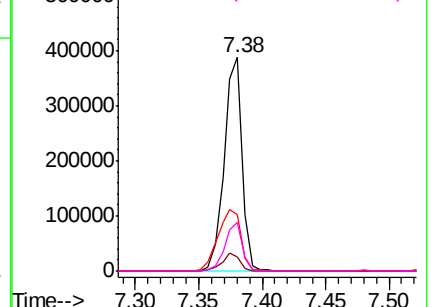


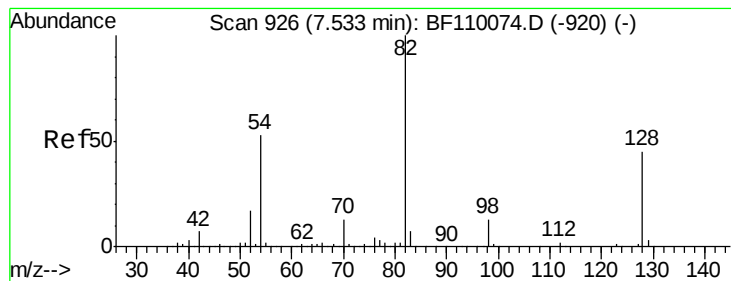
Abundance Ion 105.00 (104.70 to 105.70): E

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: 82.436 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

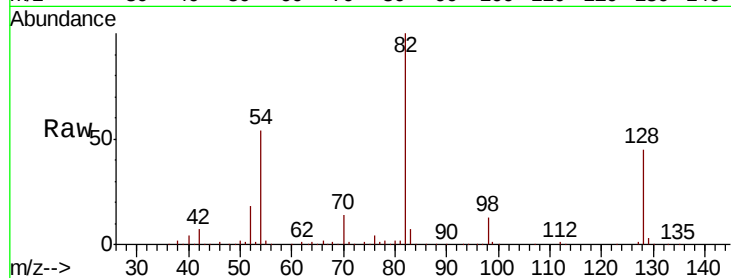
Tot Ion: 82 Resp: 557940

Ion Ratio Lower Upper

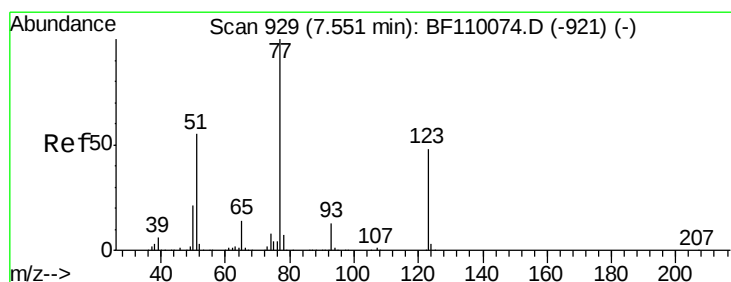
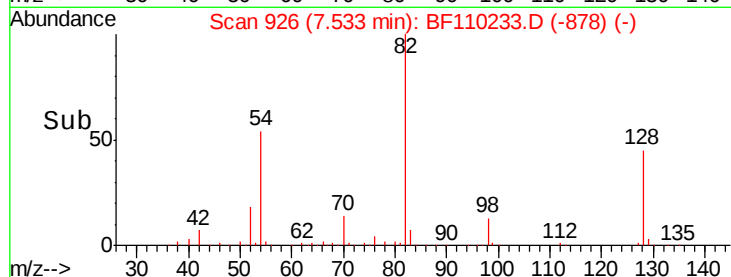
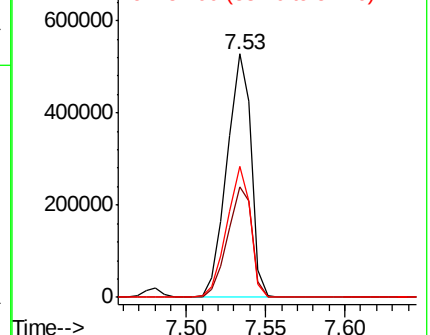
82 100

128 45.2 34.2 51.2

54 53.7 38.6 58.0



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: 41.014 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

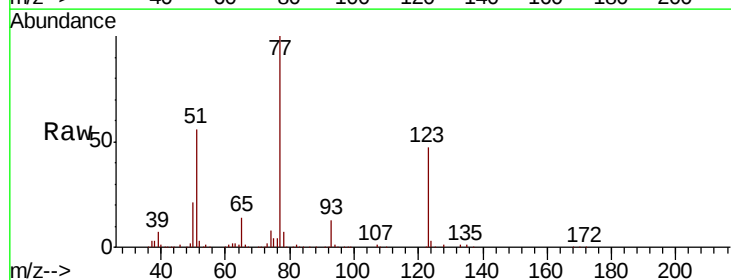
Tgt Ion: 77 Resp: 286593

Ion Ratio Lower Upper

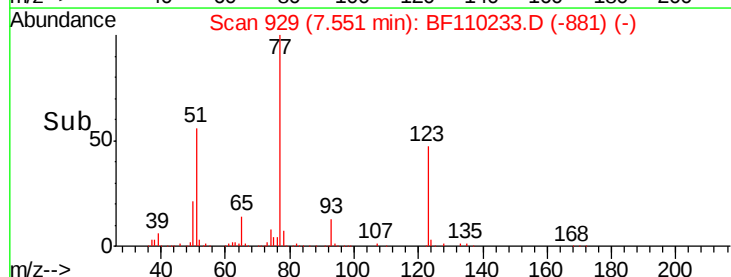
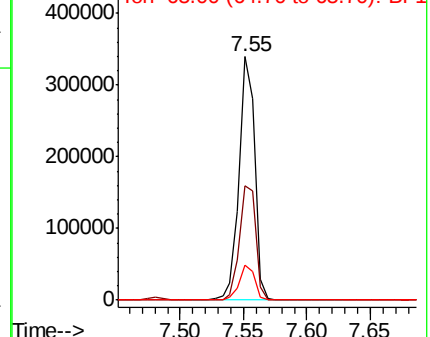
77 100

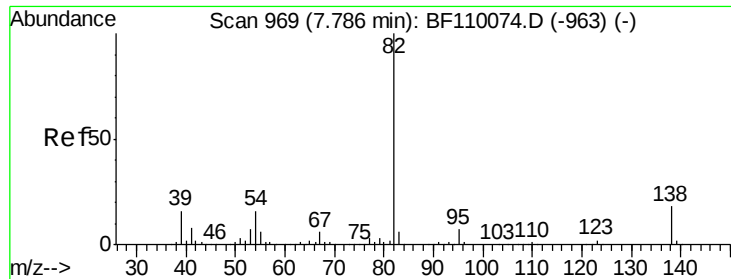
123 47.1 35.7 53.5

65 14.4 10.7 16.1



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

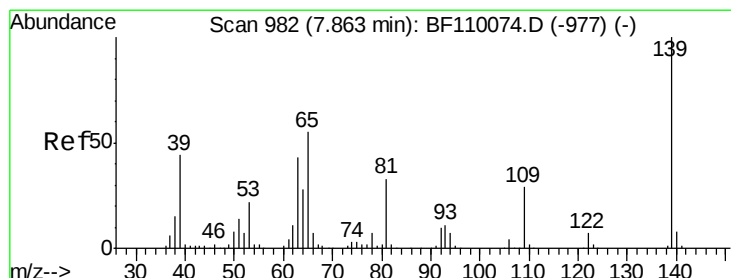
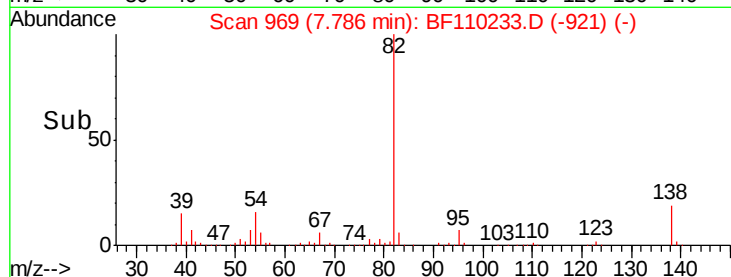
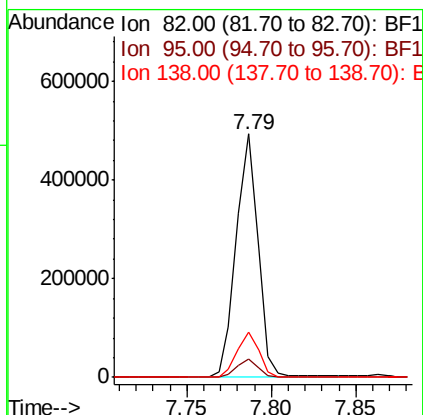
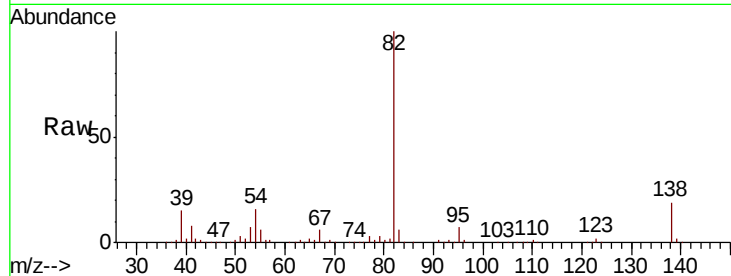




#25
Isophorone
Concen: 38.789 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

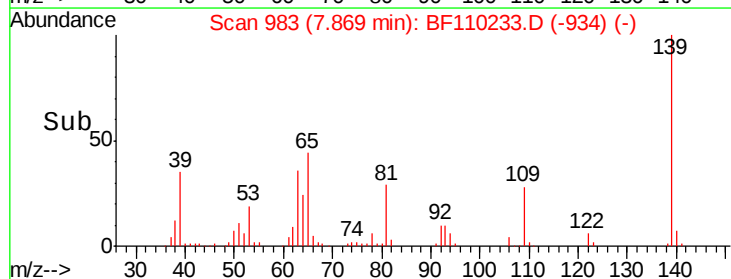
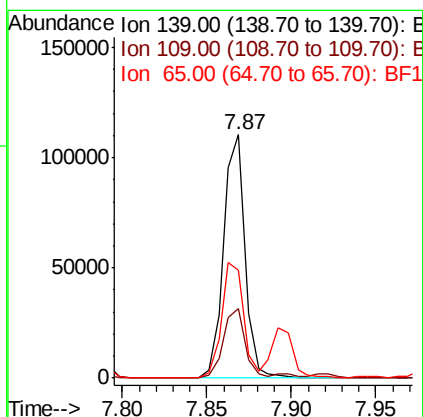
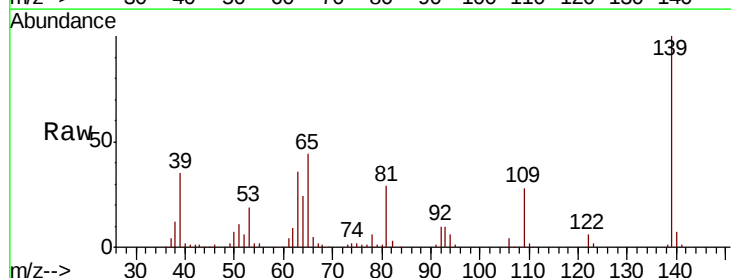
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

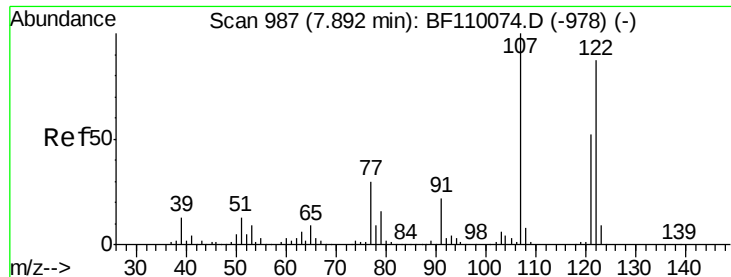
Tot Ion: 82 Resp: 447508
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 18.6 13.2 19.8



#26
2-Nitrophenol
Concen: 29.336 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Tgt Ion: 139 Resp: 97548
Ion Ratio Lower Upper
139 100
109 28.3 25.0 37.6
65 44.4 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 38.962 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

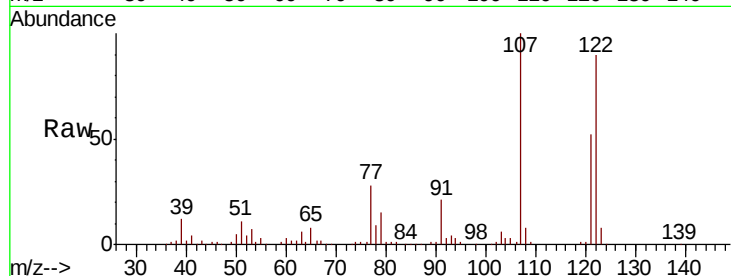
Tot Ion:122 Resp: 214798

Ion Ratio Lower Upper

122 100

107 111.3 92.5 138.7

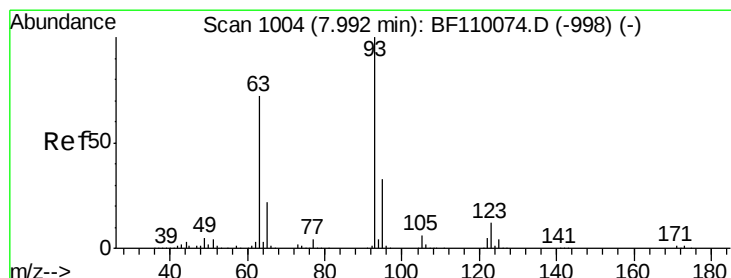
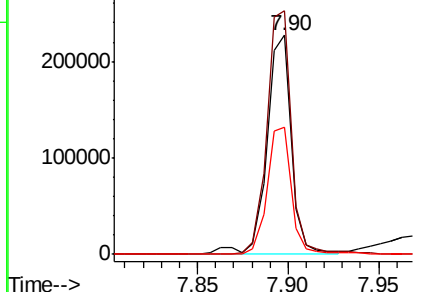
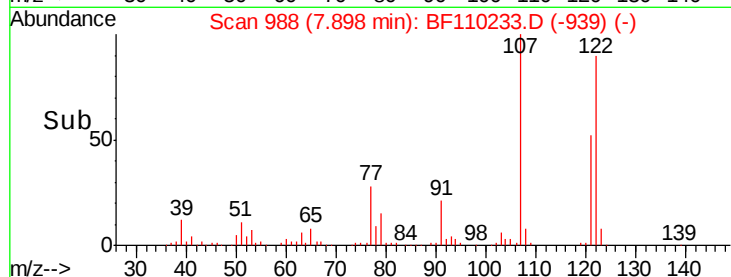
121 58.1 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.367 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

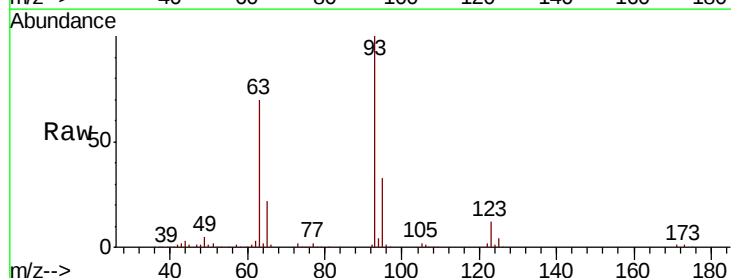
Tgt Ion: 93 Resp: 316380

Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

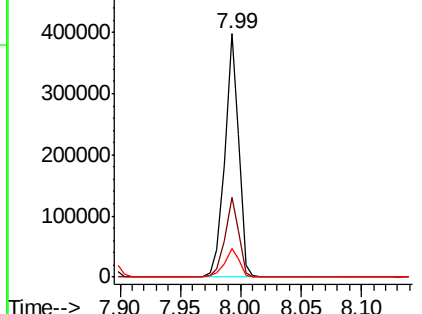
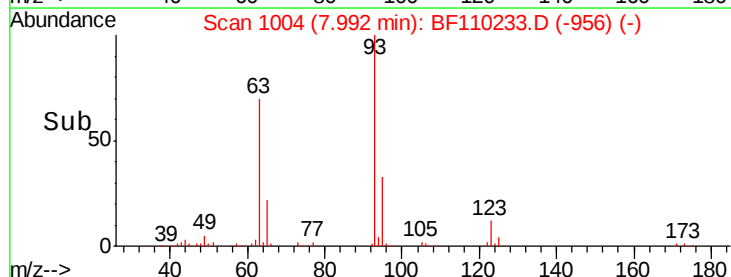
123 11.8 9.0 13.6

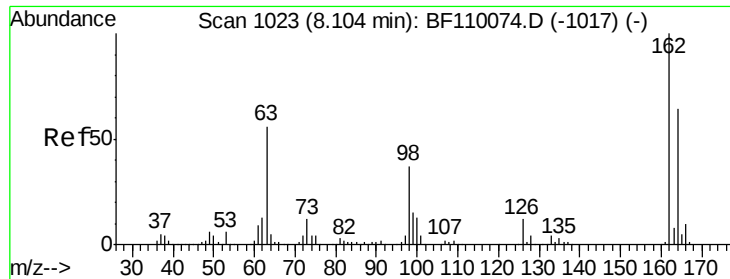


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

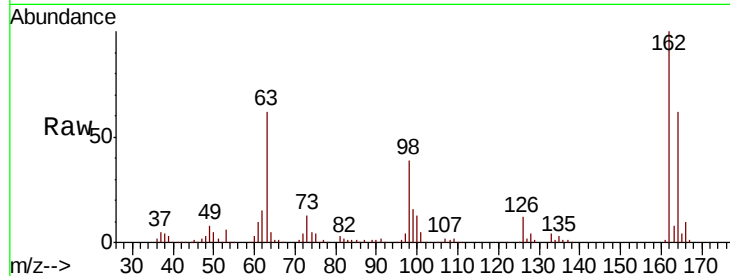




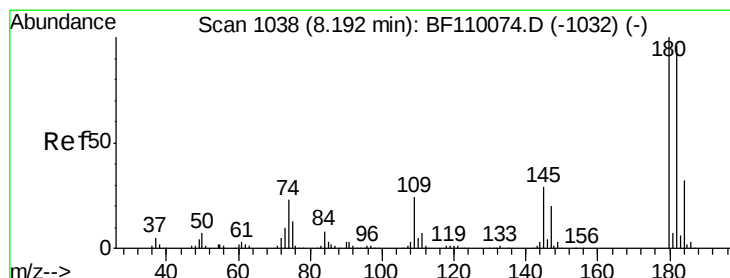
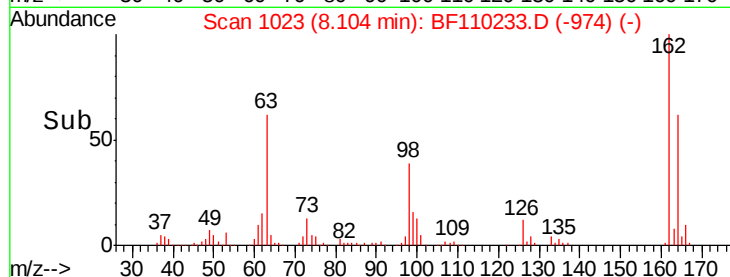
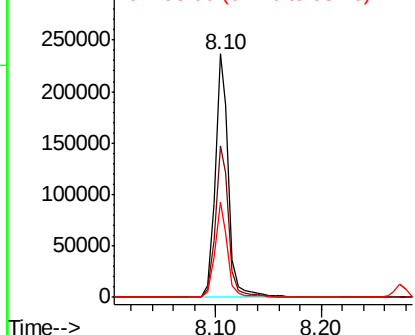
#29
 2,4-Dichlorophenol
 Concen: 38.119 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF110233.D
 Acq: 27 Oct 2018 1:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	44.6	84.6
98	39.2	17.4	57.4

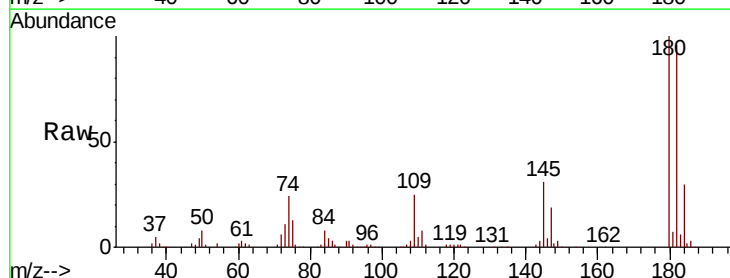


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

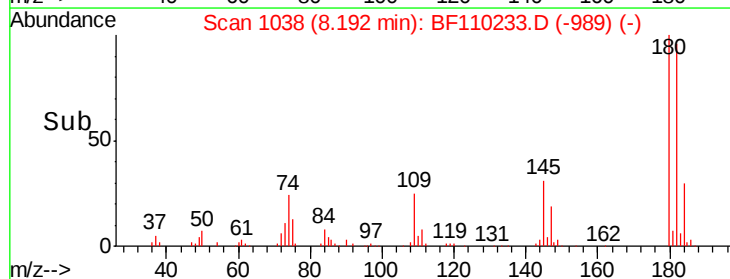
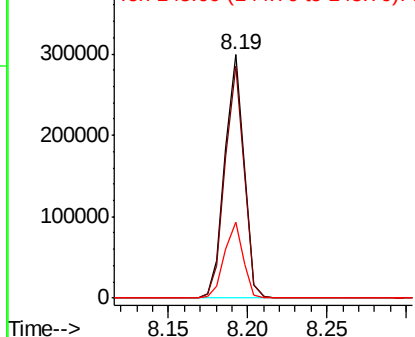


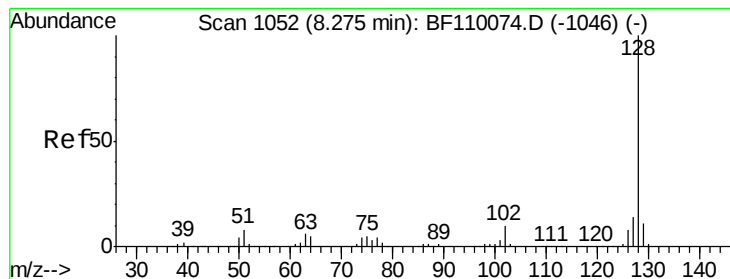
#30
 1,2,4-Trichlorobenzene
 Concen: 40.232 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF110233.D
 Acq: 27 Oct 2018 1:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	80.3	120.5
145	31.4	25.4	38.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.282 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

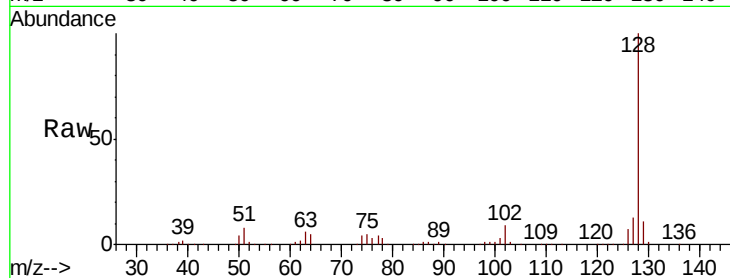
Tot Ion:128 Resp: 726794

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

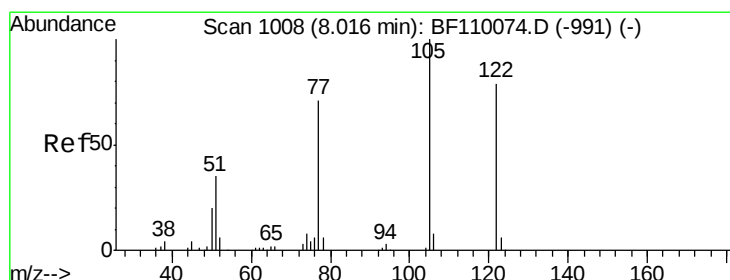
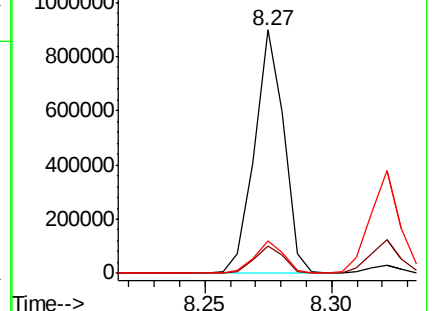
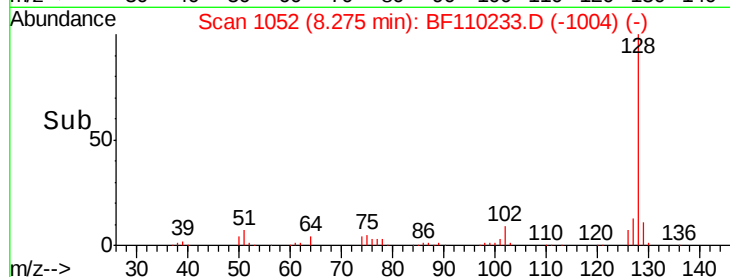
127 13.1 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 13.254 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.03 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

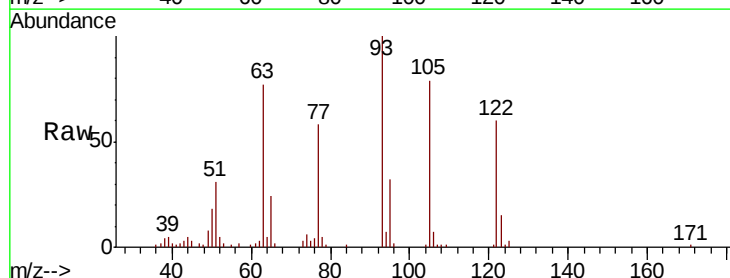
Tgt Ion:122 Resp: 56475

Ion Ratio Lower Upper

122 100

105 132.2 109.0 149.0

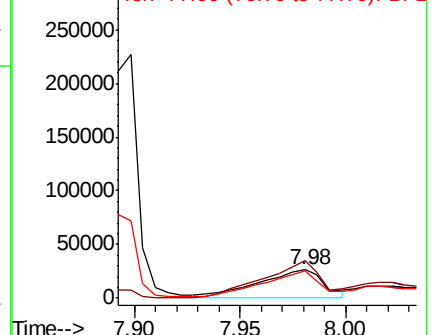
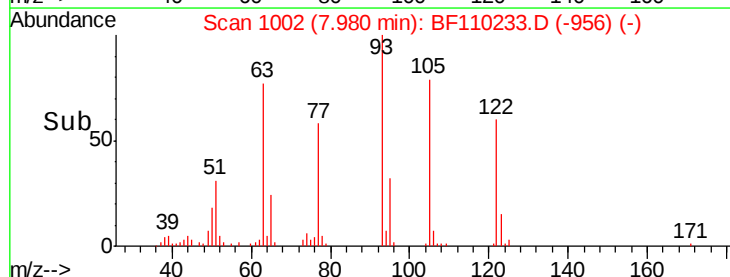
77 96.4 79.0 119.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

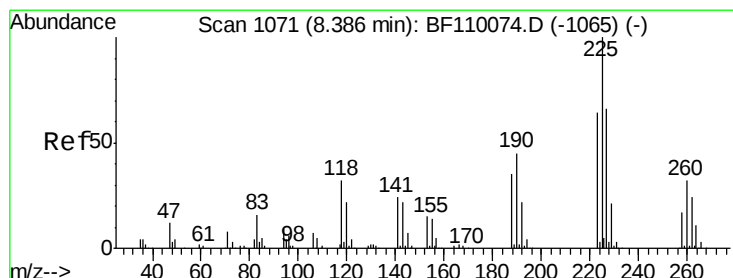
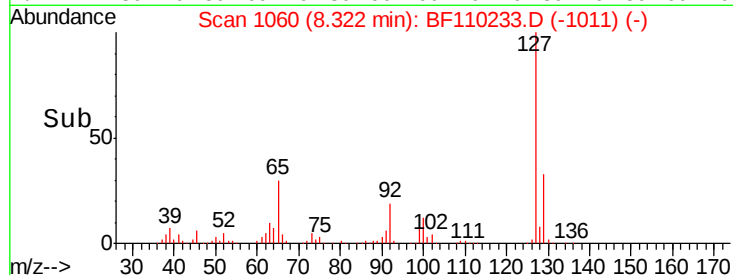
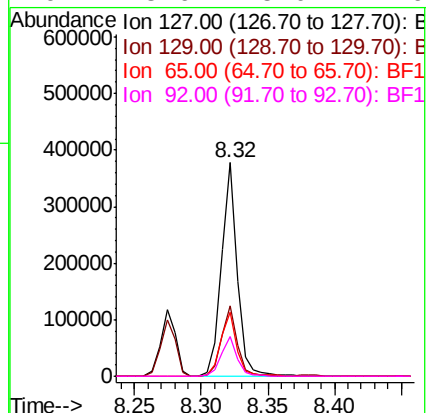
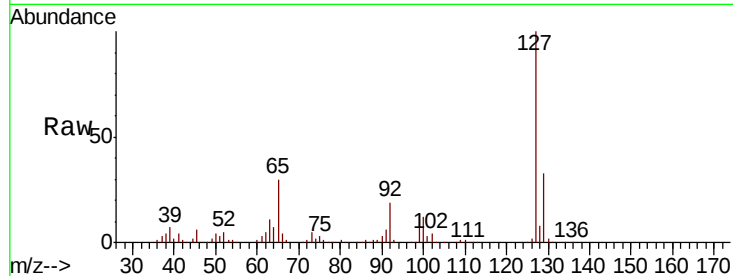




#33
4-Chloroaniline
Concen: 38.278 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

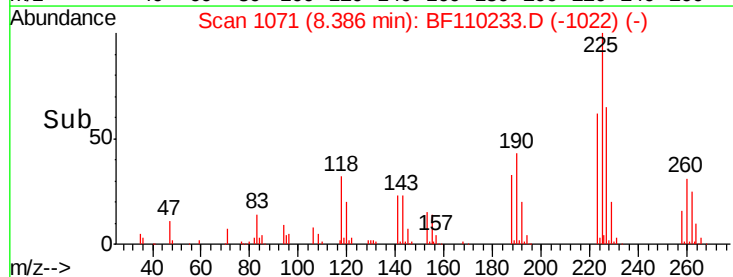
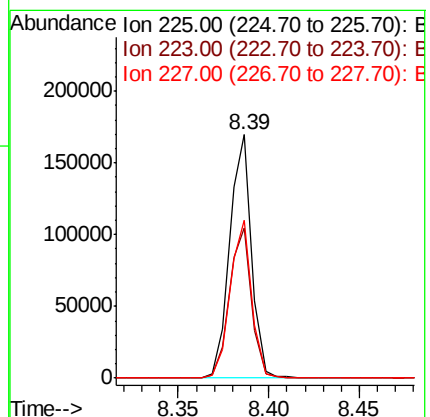
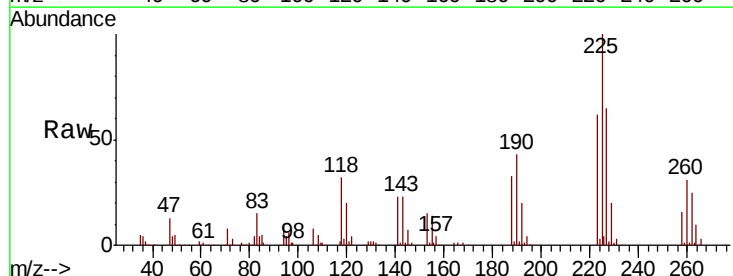
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

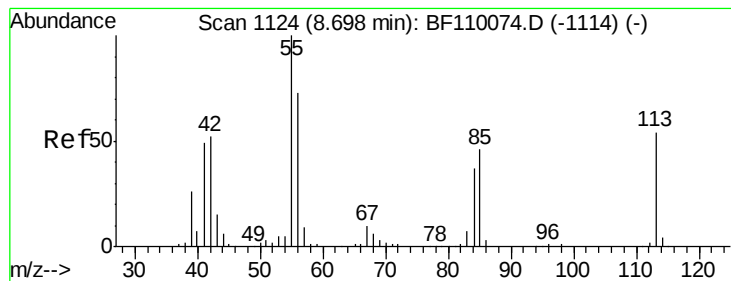
Tot Ion:	127	Resp:	318741
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.0	39.0
65	29.9	25.1	37.7
92	18.6	15.0	22.6



#34
Hexachlorobutadiene
Concen: 41.030 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Tgt Ion:	225	Resp:	142128
Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.4	77.2
227	65.0	51.0	76.6





#35

Caprolactam

Concen: 34.655 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.02 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

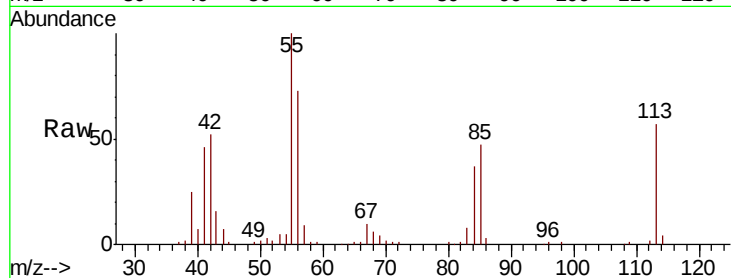
Tot Ion:113 Resp: 67275

Ion Ratio Lower Upper

113 100

55 174.5 142.8 182.8

56 126.9 105.0 145.0

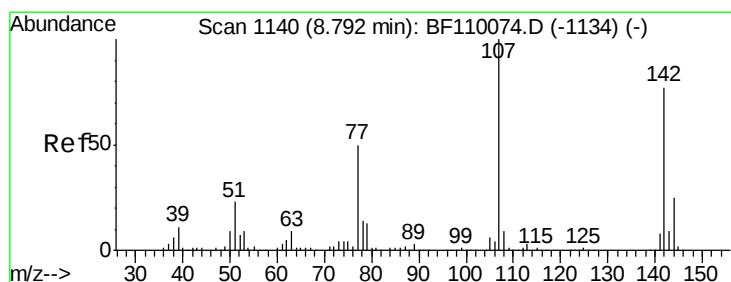
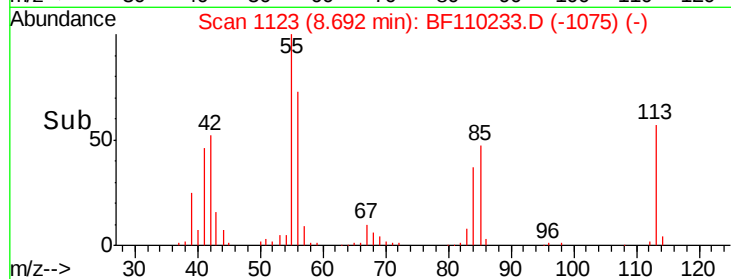
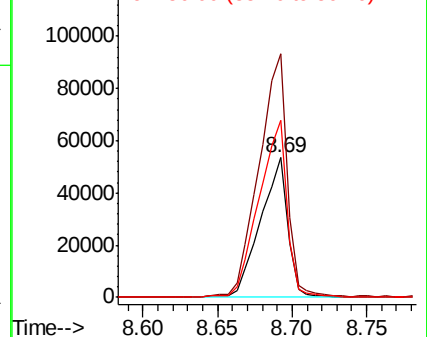


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 34.948 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

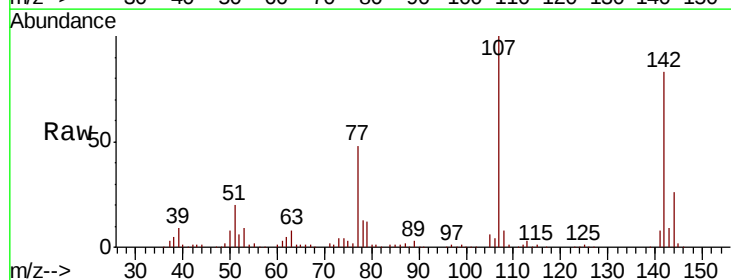
Tgt Ion:107 Resp: 210486

Ion Ratio Lower Upper

107 100

144 26.3 20.0 30.0

142 83.5 59.7 89.5

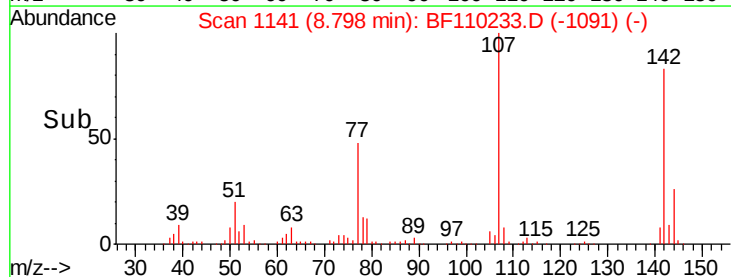
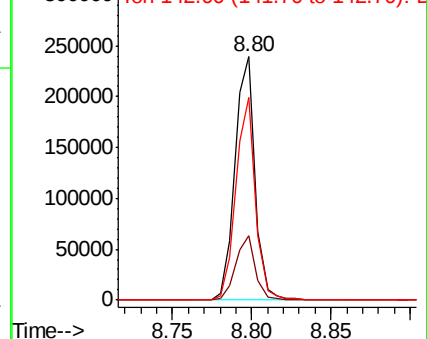


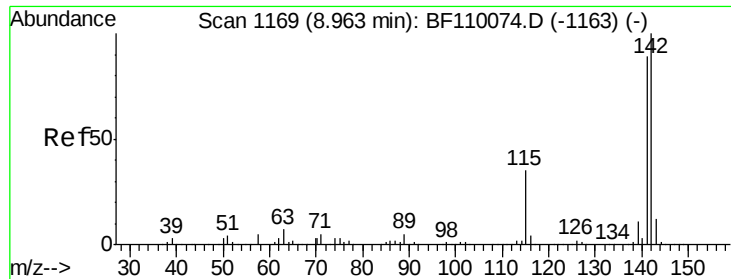
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

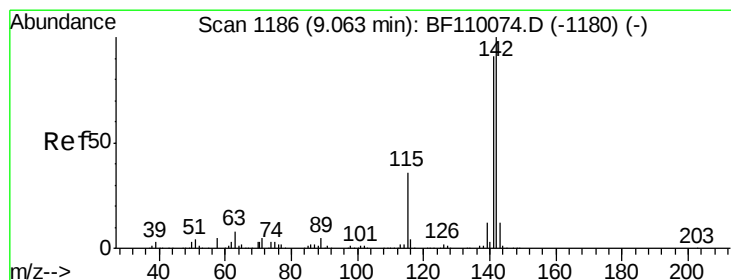
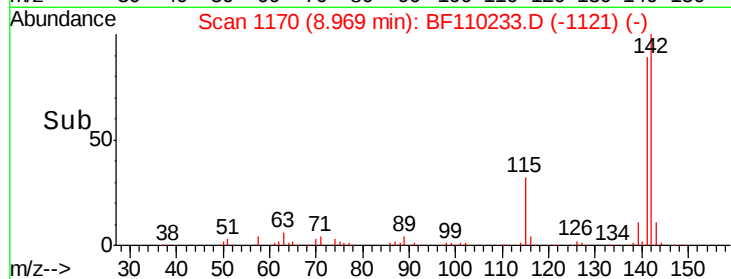
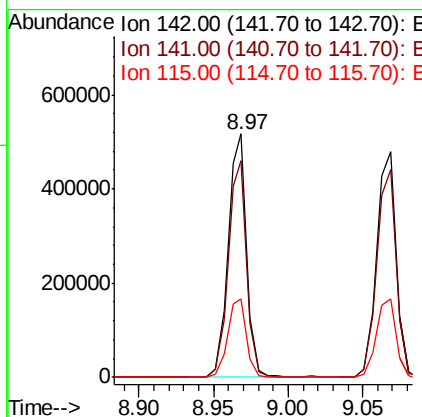
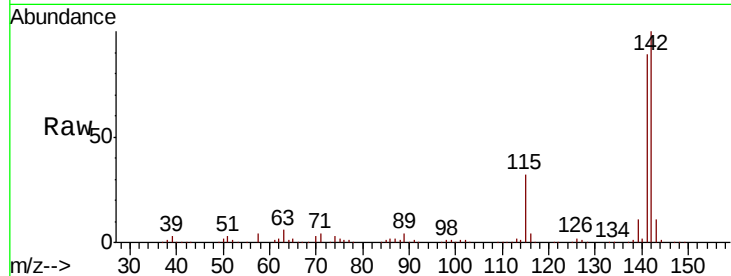




#37
2-Methylnaphthalene
Concen: 36.956 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

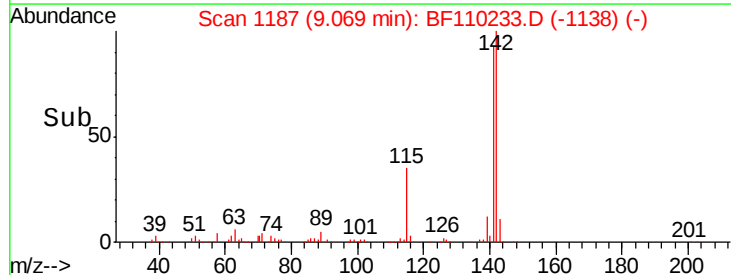
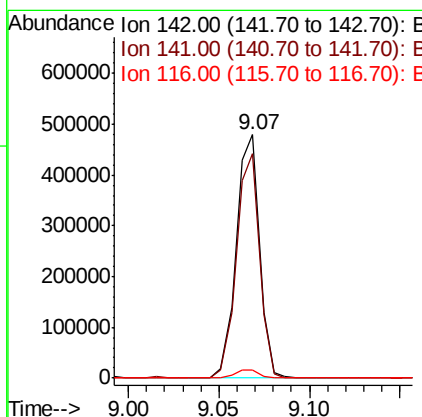
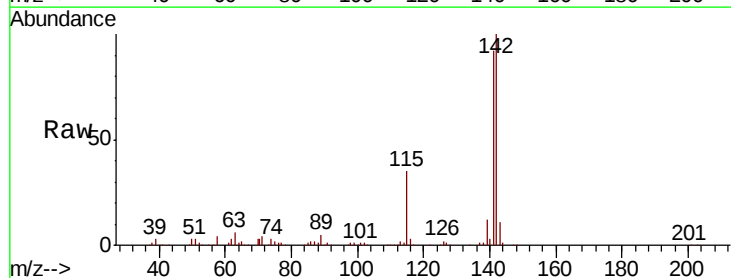
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 452392
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.2
115 32.5 28.7 43.1



#38
1-Methylnaphthalene
Concen: 36.108 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Tgt Ion:142 Resp: 427145
Ion Ratio Lower Upper
142 100
141 92.1 74.2 111.4
116 3.4 2.6 4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

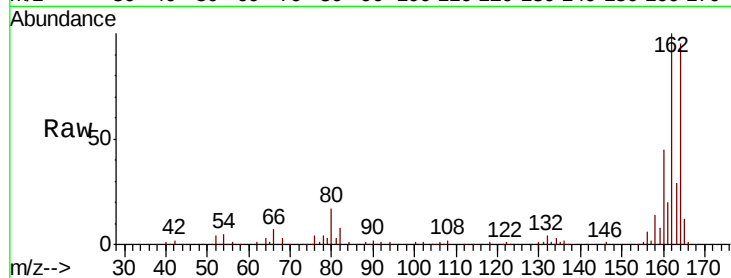
Tot Ion:164 Resp: 156015

Ion Ratio Lower Upper

164 100

162 105.3 83.0 124.6

160 47.4 37.0 55.6

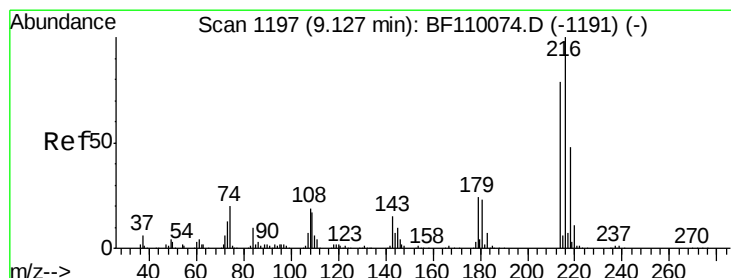
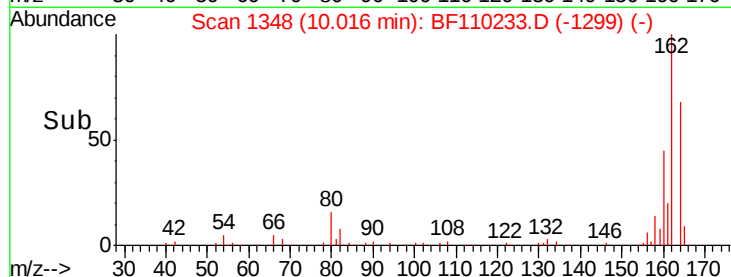
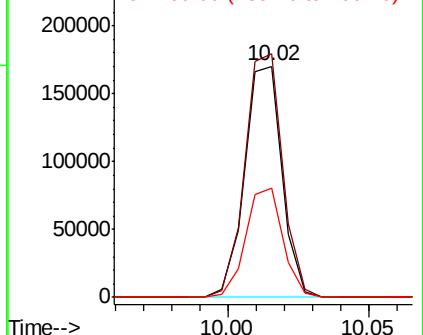


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.643 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

Tgt Ion:216 Resp: 217015

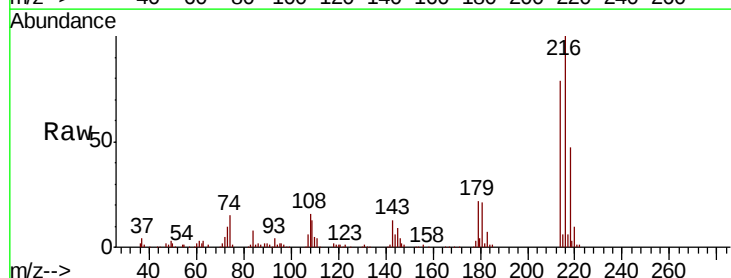
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.6

179 22.6 16.6 25.0

108 17.8 15.1 22.7



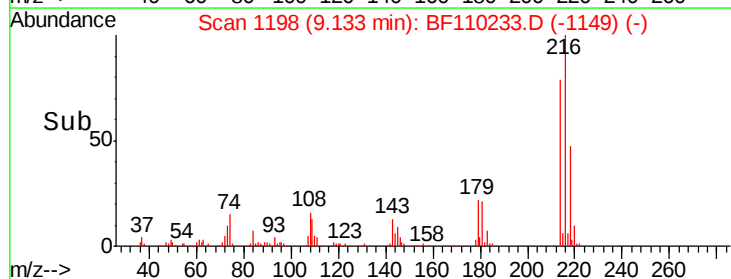
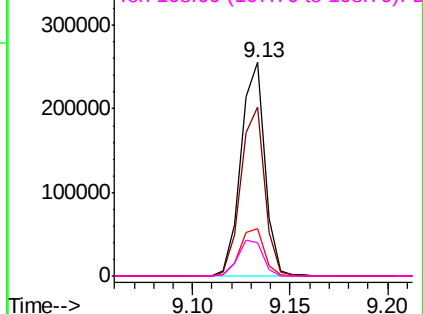
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 3.601 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

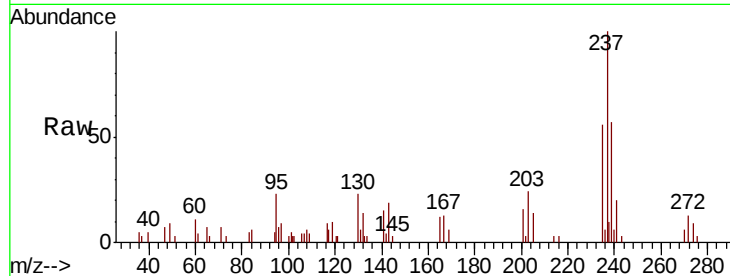
Tot Ion:237 Resp: 8951

Ion Ratio Lower Upper

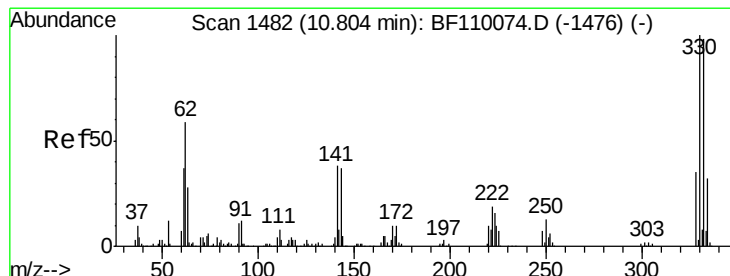
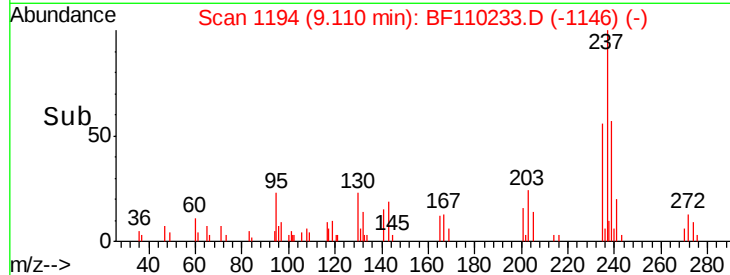
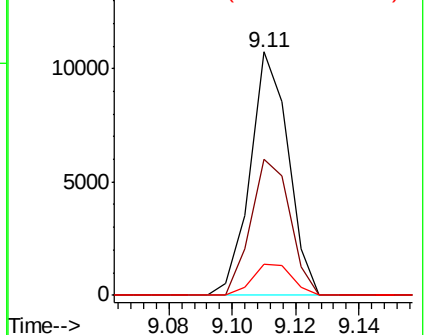
237 100

235 56.0 43.1 83.1

272 12.6 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 66.500 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

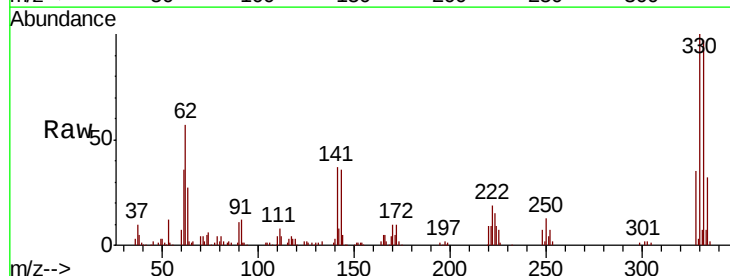
Tgt Ion:330 Resp: 102772

Ion Ratio Lower Upper

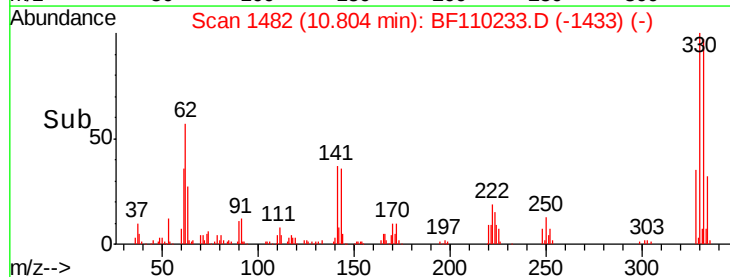
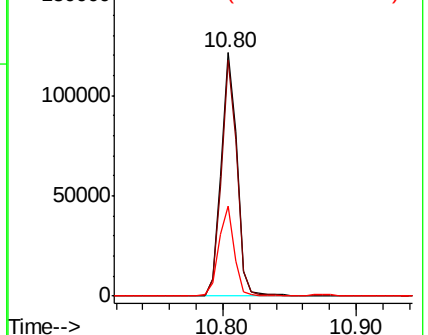
330 100

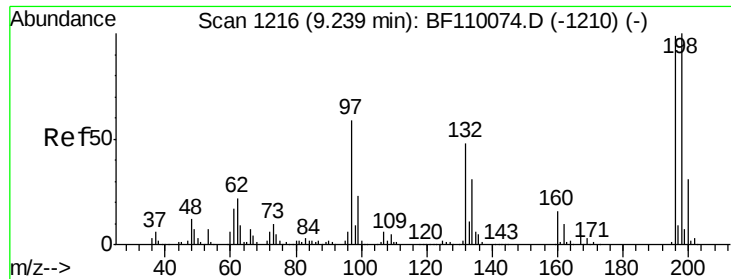
332 95.4 77.1 115.7

141 35.5 27.0 40.4



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

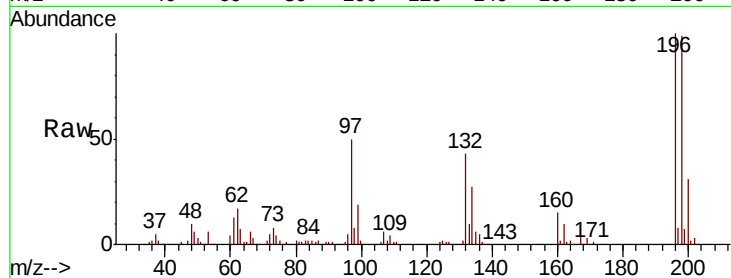




#43
 2,4,6-Trichlorophenol
 Concen: 39.657 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF110233.D
 Acq: 27 Oct 2018 1:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.2	76.2	114.4
200	31.1	24.4	36.6

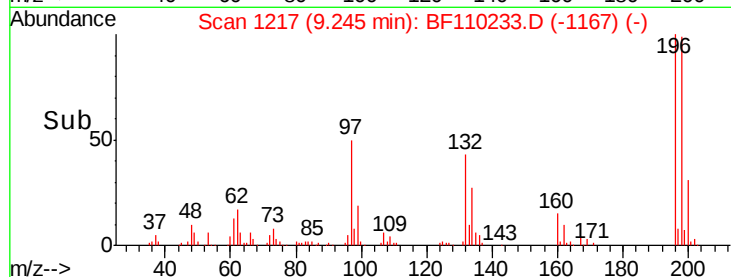
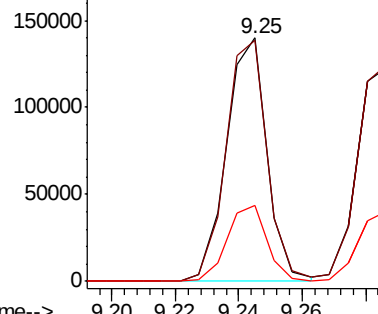


Abundance

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



#44
 2,4,5-Trichlorophenol
 Concen: 37.297 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF110233.D
 Acq: 27 Oct 2018 1:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.7	75.8	113.6
97	47.2	42.4	63.6
132	28.8	22.8	34.2

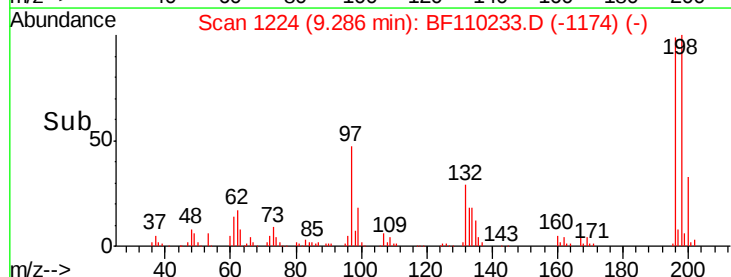
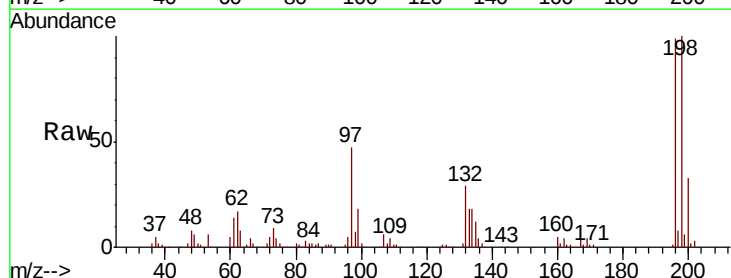
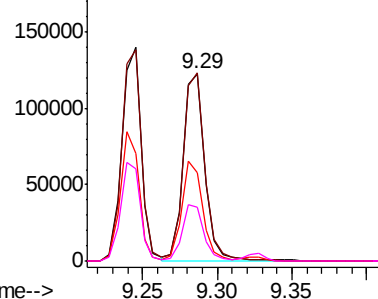
Abundance

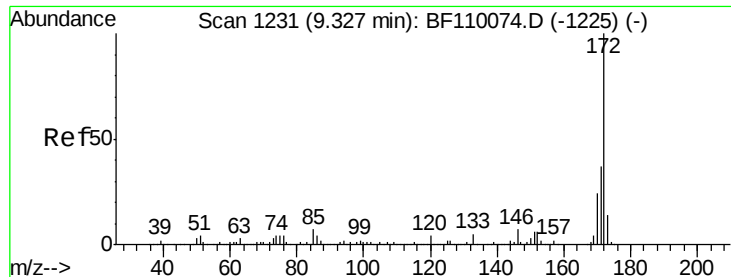
Ion 196.00 (195.70 to 196.70): E

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

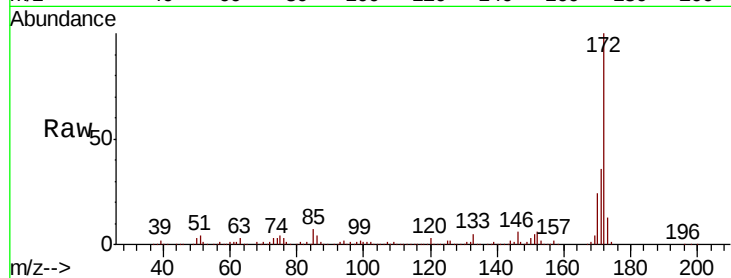




#45
2-Fluorobiphenyl
Concen: 94.189 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.9	19.7	29.5

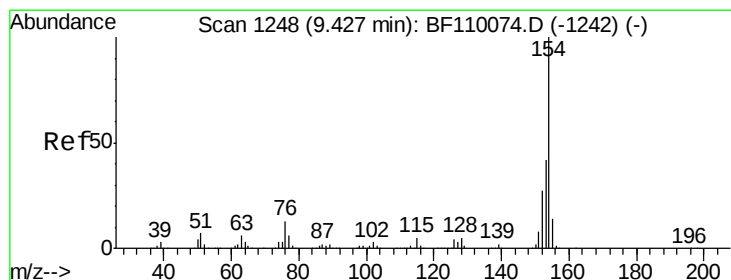
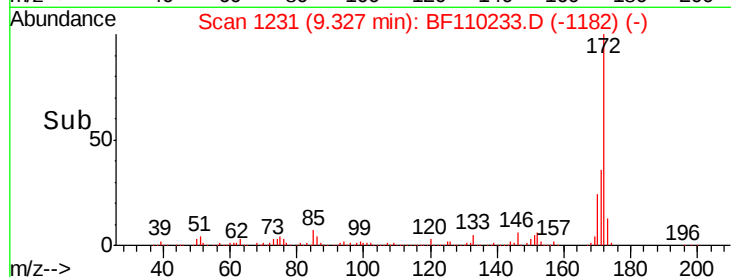
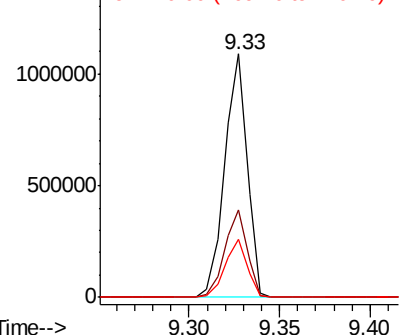


Abundance

Ion 172.00 (171.70 to 172.70): E

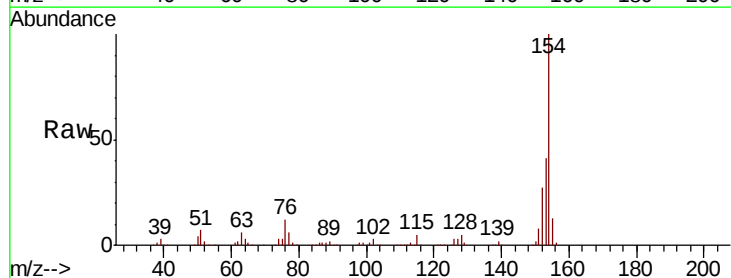
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 43.921 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.4	60.4
76	12.5	0.0	31.9

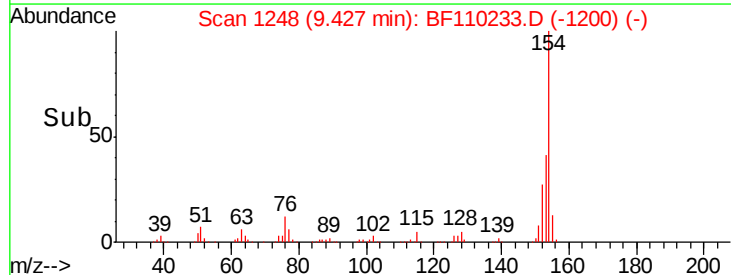
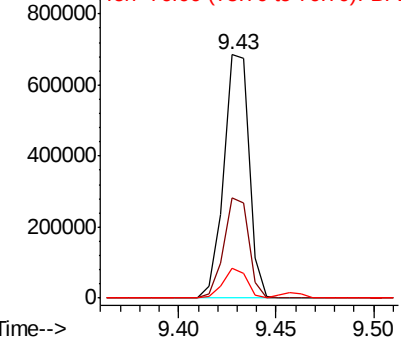


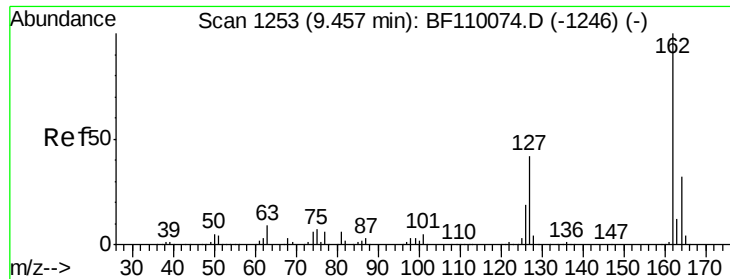
Abundance

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

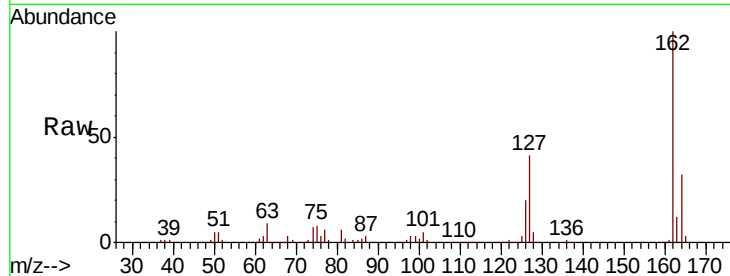




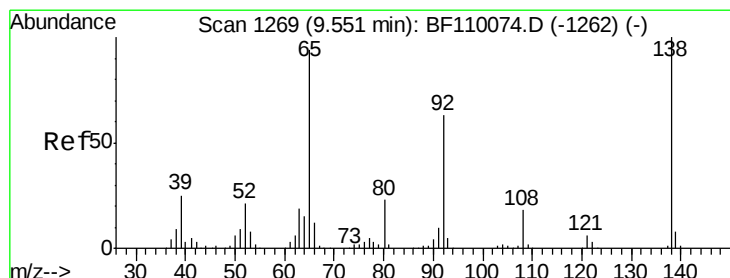
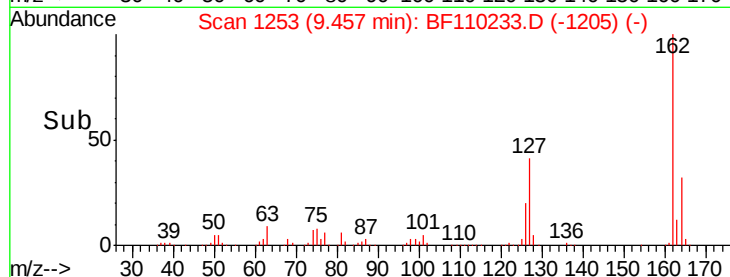
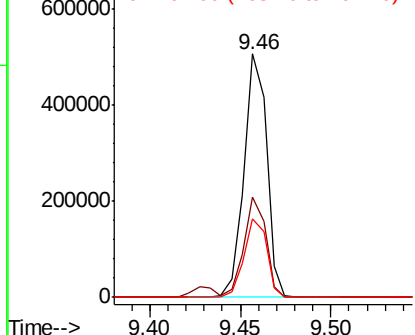
#47
 2-Chloronaphthalene
 Concen: 42.514 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF110233.D
 Acq: 27 Oct 2018 1:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	32.6	48.8
164	32.4	25.9	38.9

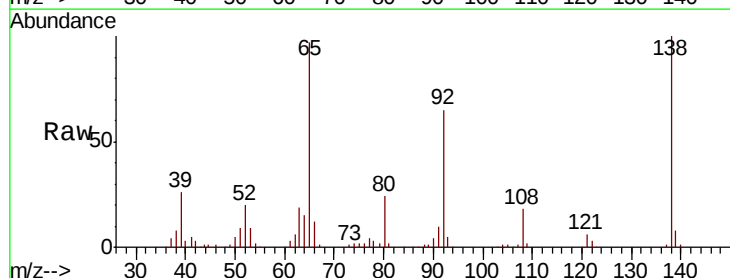


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

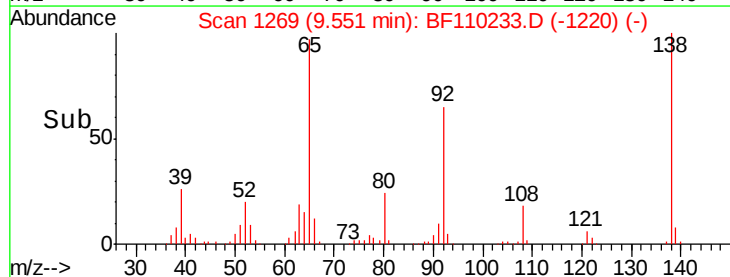
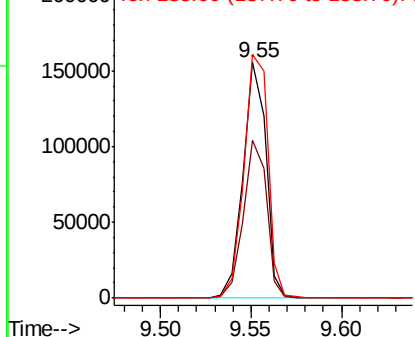


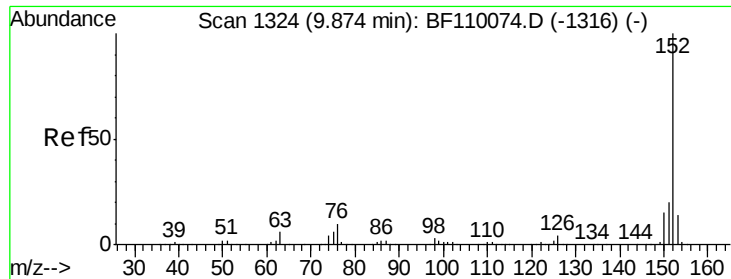
#48
 2-Nitroaniline
 Concen: 43.571 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF110233.D
 Acq: 27 Oct 2018 1:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.8	54.6	81.8
138	103.2	80.3	120.5



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





#49

Acenaphthylene

Concen: 40.324 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

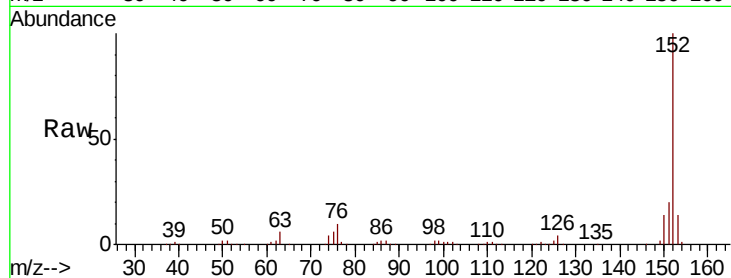
Tot Ion:152 Resp: 602742

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

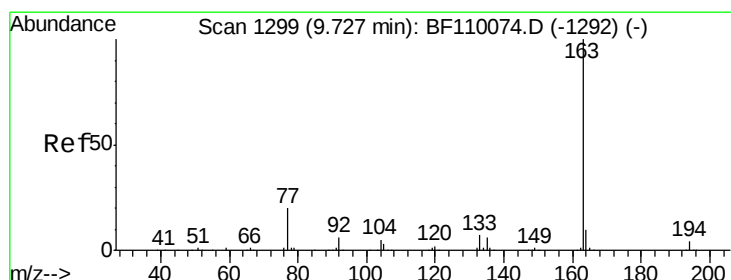
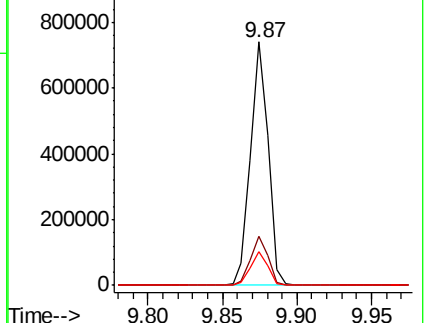
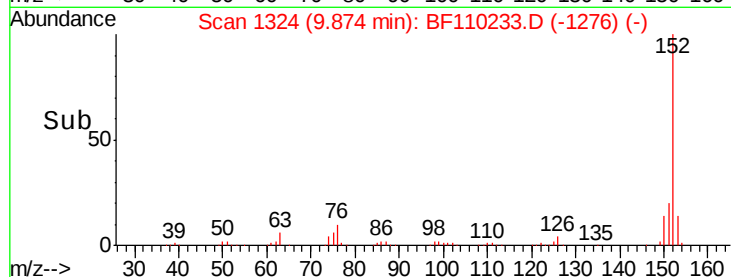
153 13.6 10.4 15.6



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



#50

Dimethylphthalate

Concen: 43.490 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

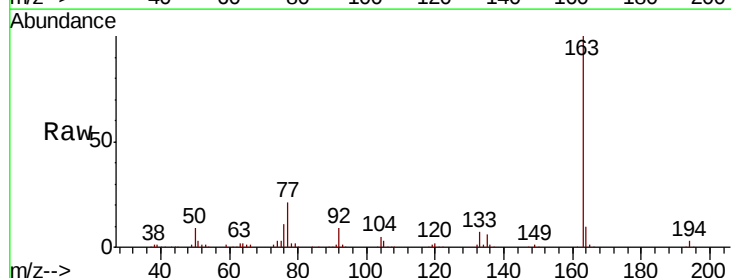
Tgt Ion:163 Resp: 500856

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

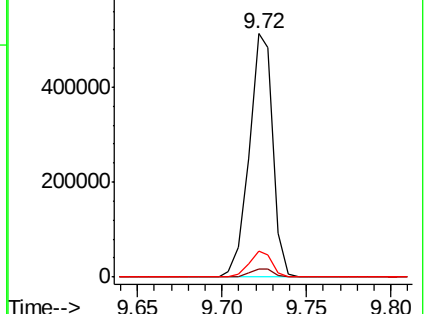
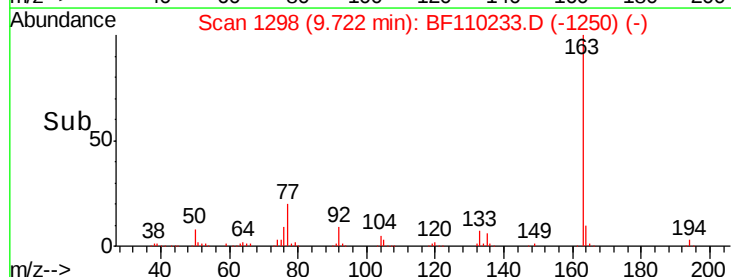
164 10.4 8.1 12.1



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

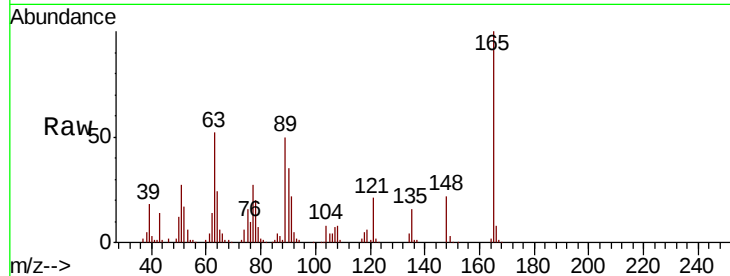




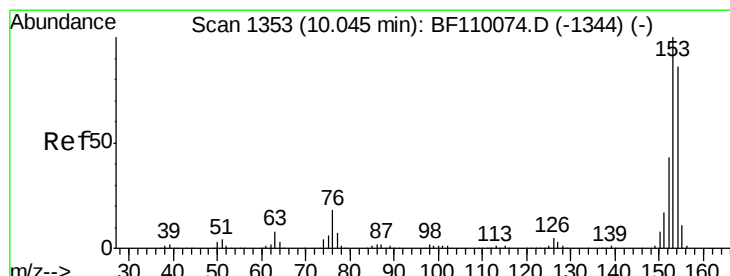
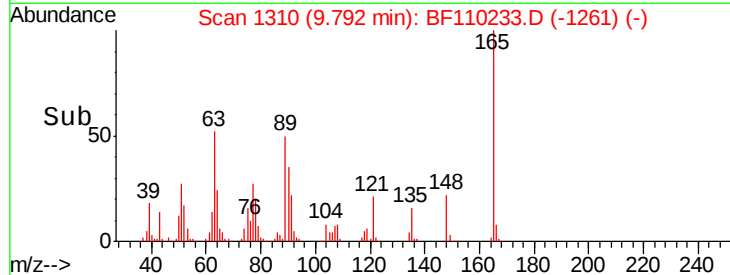
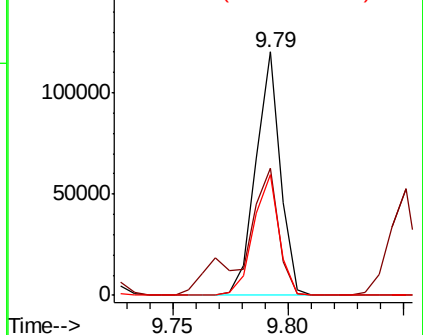
#51
 2,6-Dinitrotoluene
 Concen: 36.037 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF110233.D
 Acq: 27 Oct 2018 1:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	165	Resp	89399
Ion Ratio	Lower	Upper	
165	100		
63	52.0	48.9	73.3
89	49.7	46.6	69.8

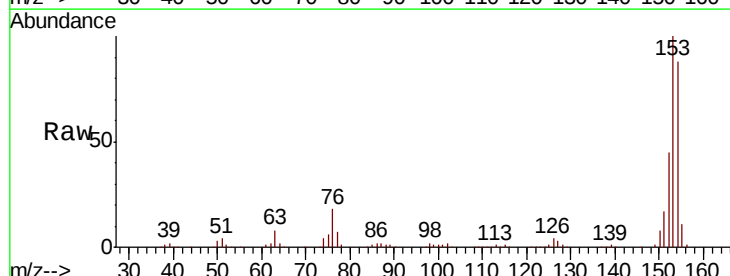


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

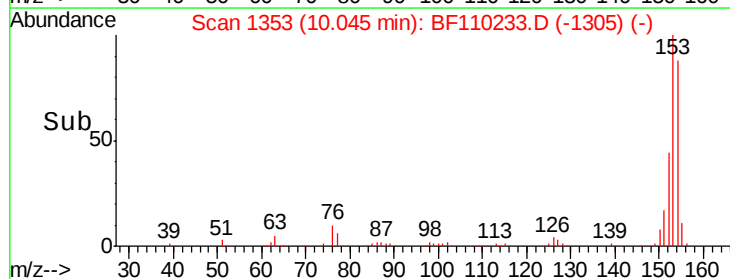
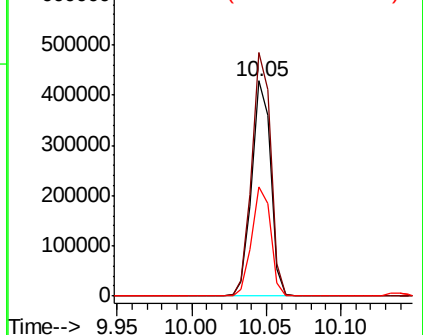


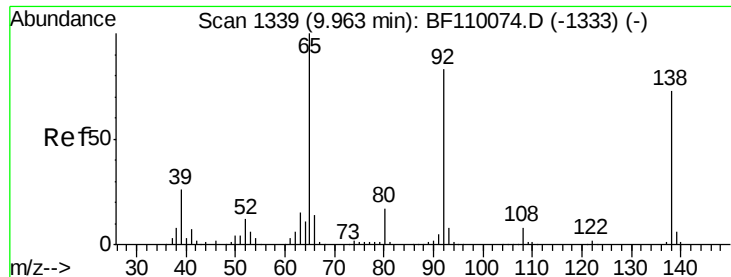
#52
 Acenaphthene
 Concen: 37.757 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.02 min
 Lab File: BF110233.D
 Acq: 27 Oct 2018 1:55

Tgt Ion	154	Resp	373358
Ion Ratio	Lower	Upper	
154	100		
153	113.2	90.1	135.1
152	50.7	43.4	65.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

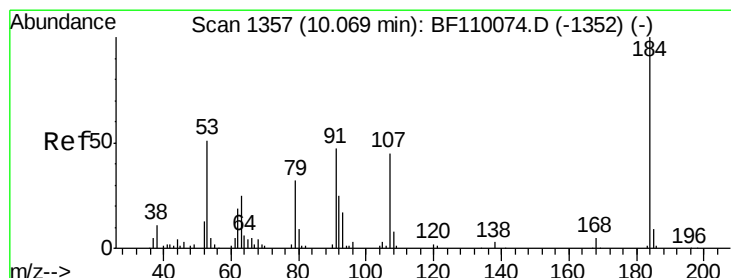
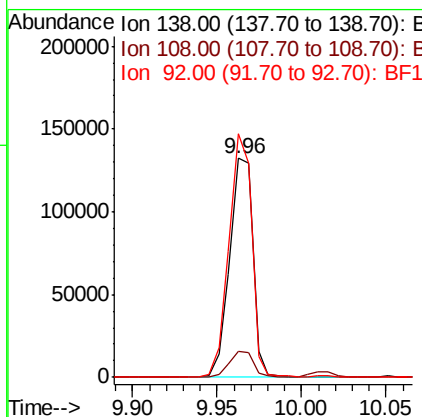
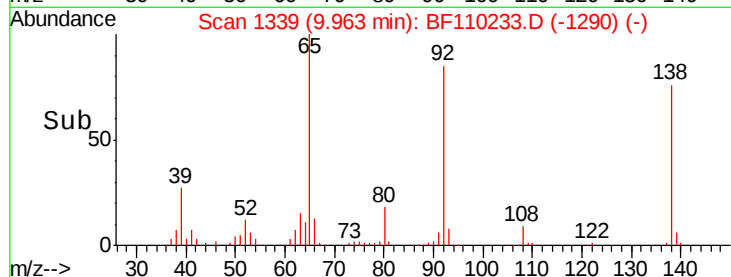
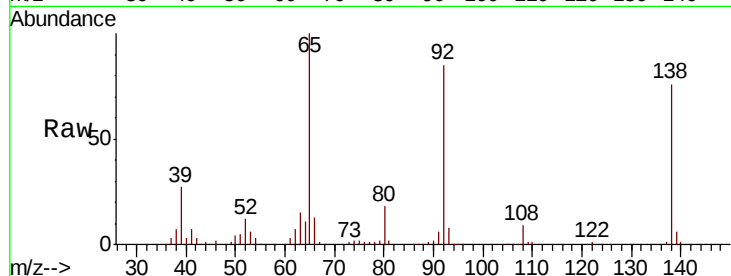




#53
 3-Nitroaniline
 Concen: 43.002 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF110233.D
 Acq: 27 Oct 2018 1:55

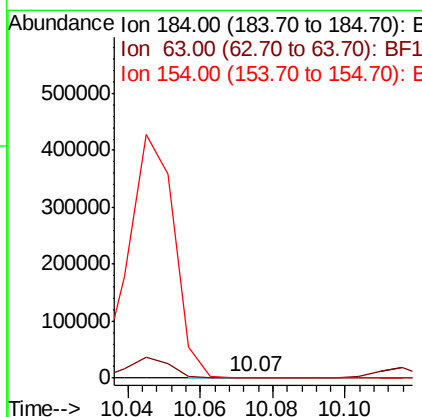
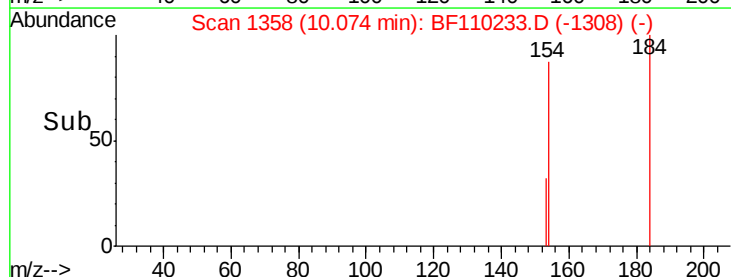
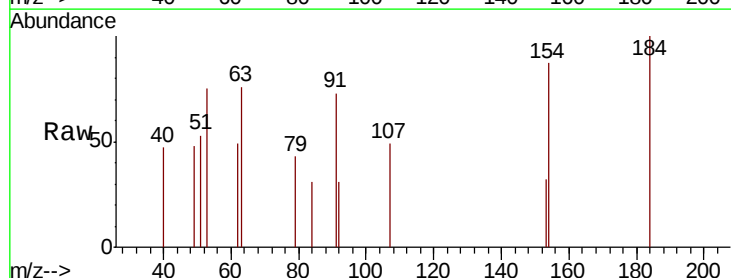
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:138 Resp: 126859
 Ion Ratio Lower Upper
 138 100
 108 11.9 8.7 13.1
 92 111.3 97.0 145.4



#54
 2,4-Dinitrophenol
 Concen: 6.156 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF110233.D
 Acq: 27 Oct 2018 1:55

Tgt Ion:184 Resp: 1033
 Ion Ratio Lower Upper
 184 100
 63 76.0 55.8 83.6
 154 87.3 63.2 94.8

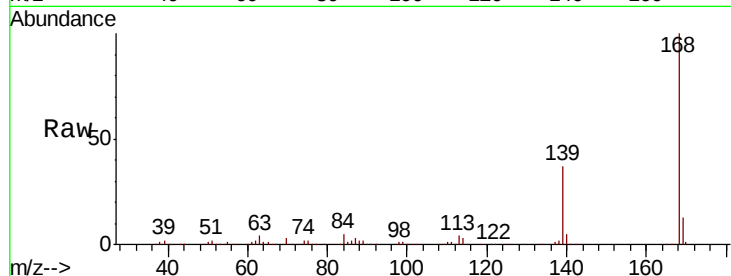




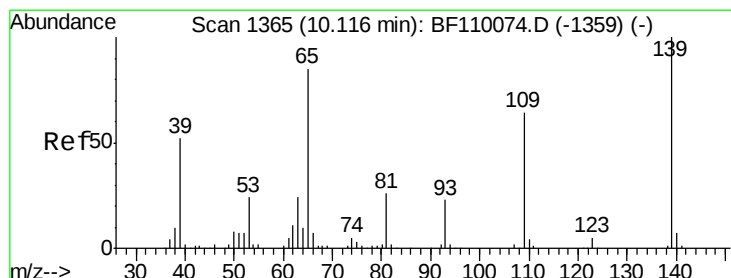
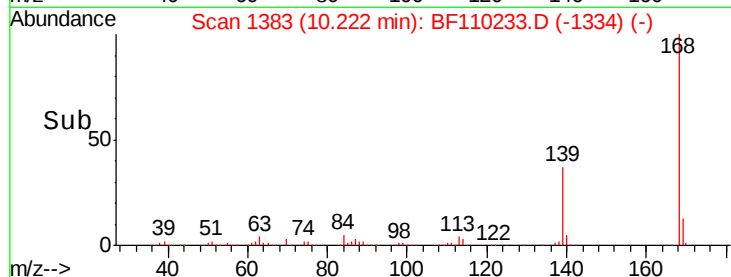
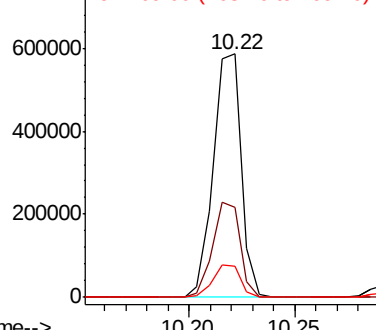
#55
Dibenzofuran
Concen: 38.821 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 537460
Ion Ratio Lower Upper
168 100
139 36.9 33.0 49.6
169 13.0 11.3 16.9

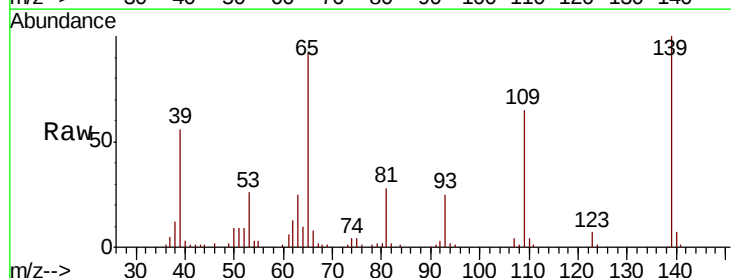


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

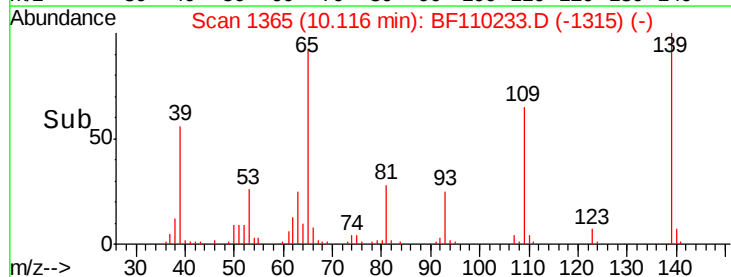
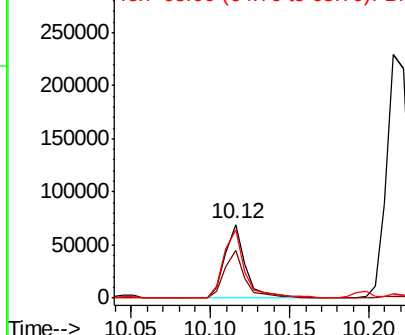


#56
4-Nitrophenol
Concen: 28.758 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Tgt Ion:139 Resp: 62791
Ion Ratio Lower Upper
139 100
109 64.8 55.8 95.8
65 92.0 77.9 117.9



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

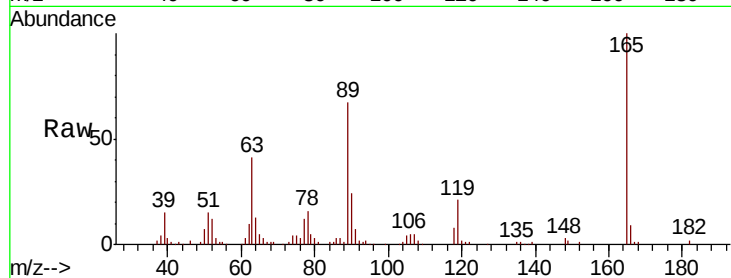




#57
2,4-Dinitrotoluene
Concen: 30.819 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.8	44.8	67.2#
89	66.9	62.2	93.4
182	2.4	2.1	3.1



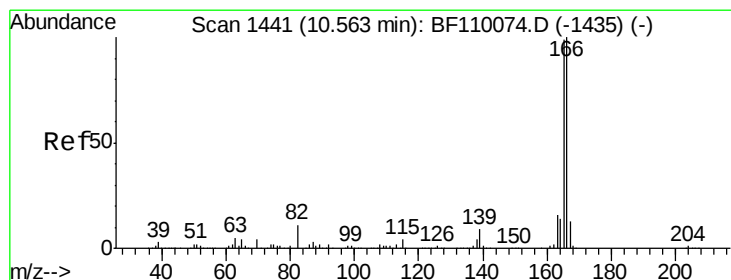
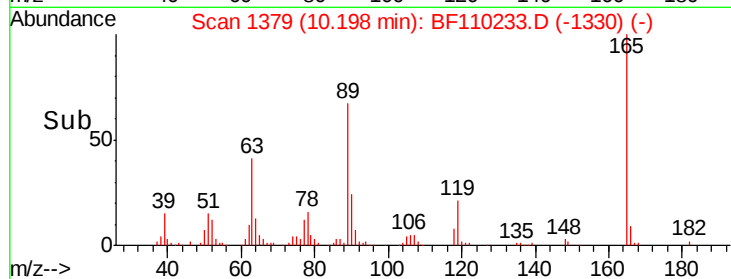
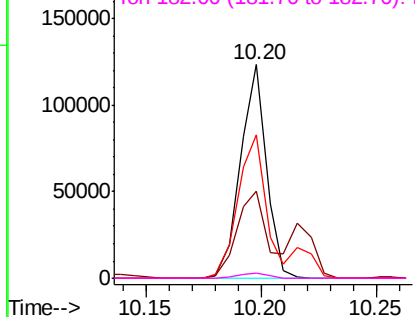
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

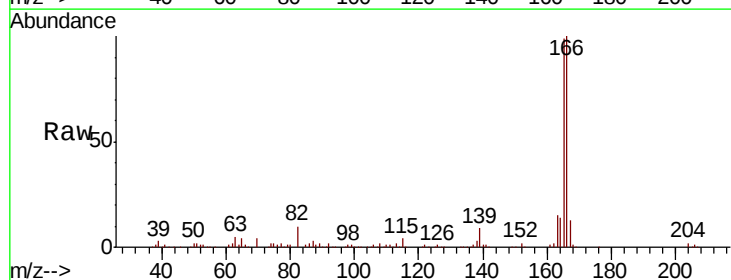
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 36.809 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.6	117.8
167	13.5	10.8	16.2

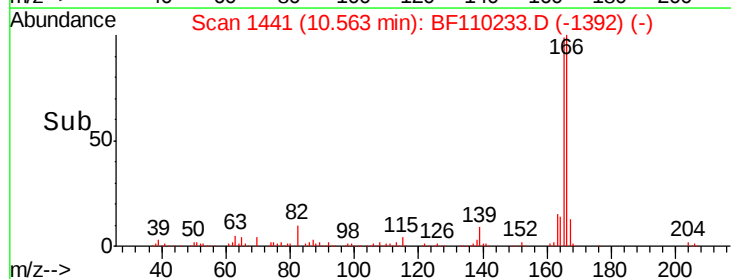
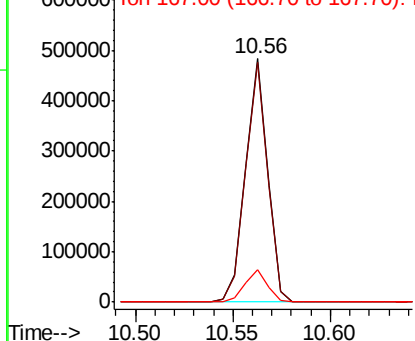


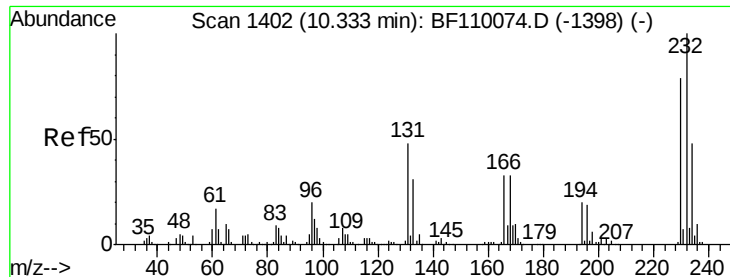
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

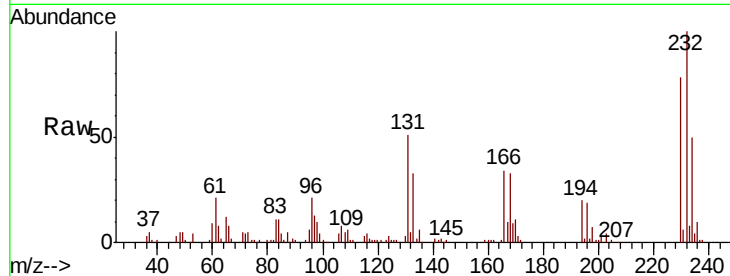




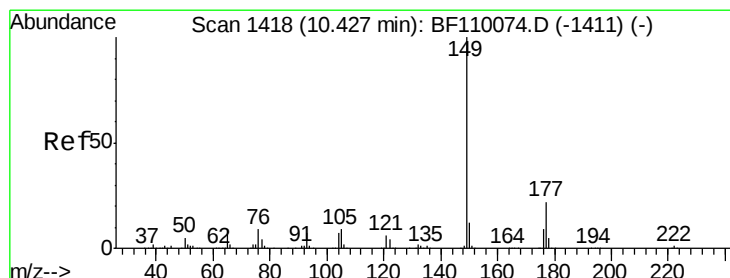
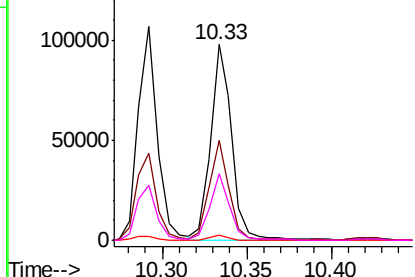
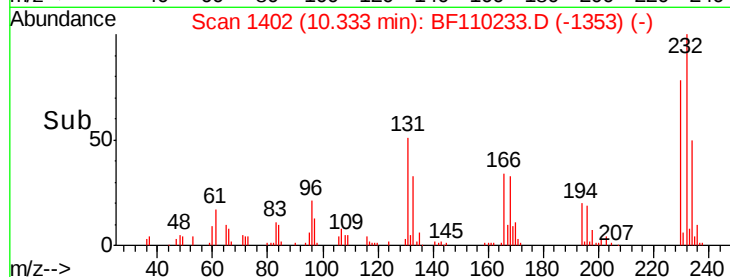
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 31.459 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF110233.D
 Acq: 27 Oct 2018 1:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232 Resp: 84982
 Ion Ratio Lower Upper
 232 100
 131 48.9 37.0 55.4
 130 2.2 1.8 2.6
 166 32.3 22.0 33.0

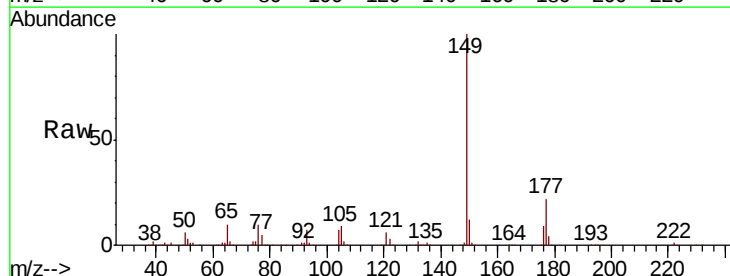


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

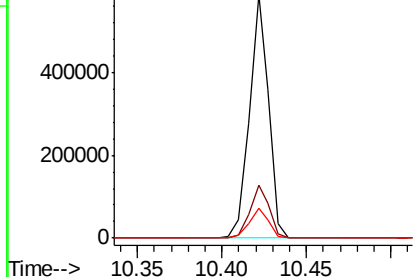
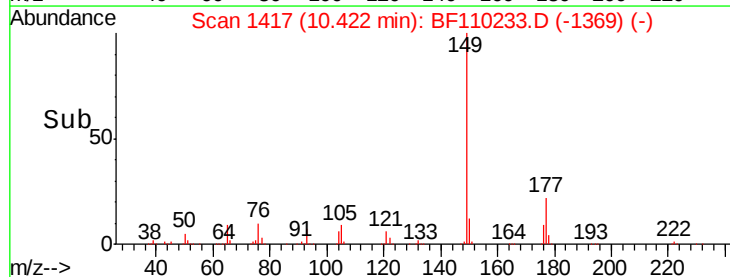


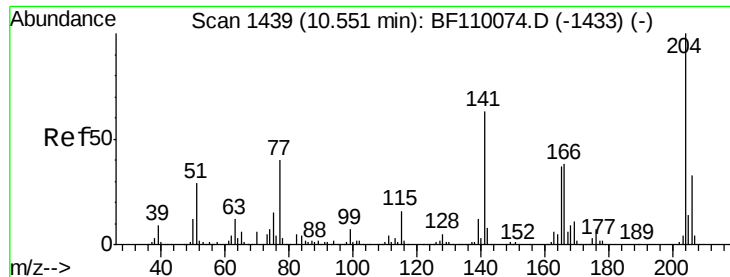
#60
 Diethylphthalate
 Concen: 41.316 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.02 min
 Lab File: BF110233.D
 Acq: 27 Oct 2018 1:55

Tgt Ion:149 Resp: 464475
 Ion Ratio Lower Upper
 149 100
 177 21.6 17.4 26.2
 150 12.1 9.8 14.8



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

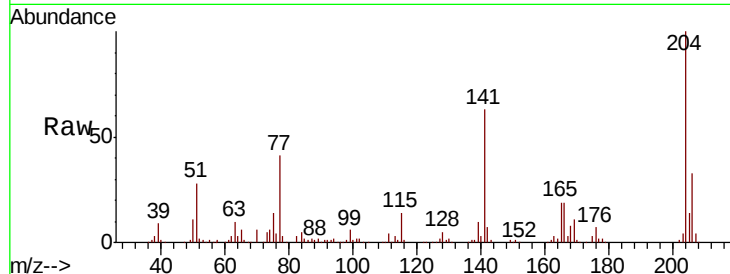




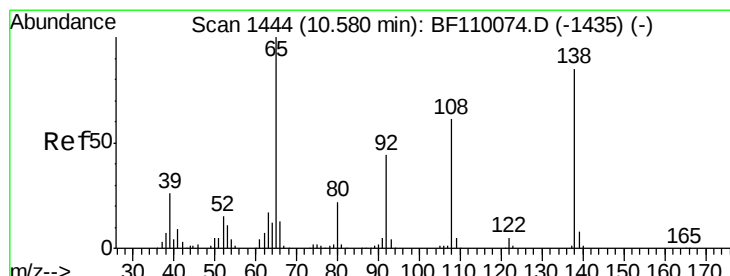
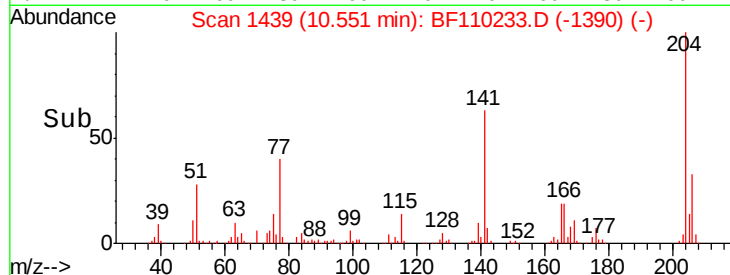
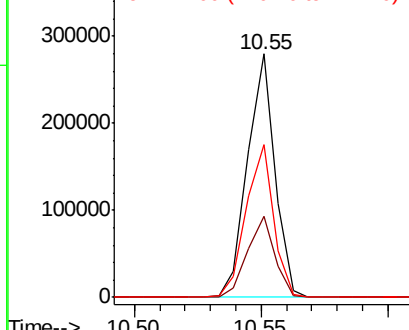
#61
4-Chlorophenyl-phenylether
Concen: 38.803 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 210918
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 62.5 51.8 77.8

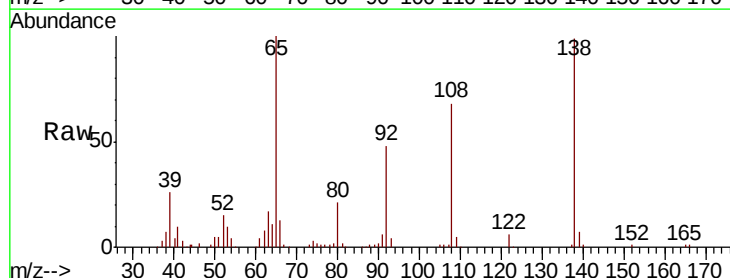


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

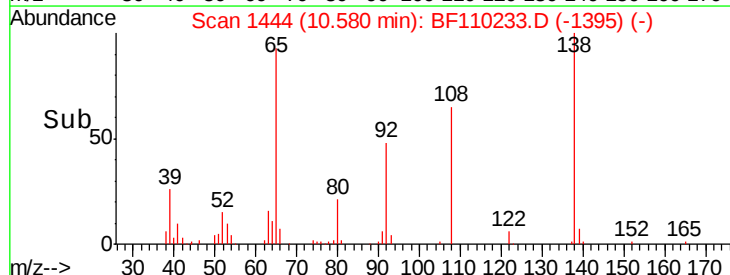
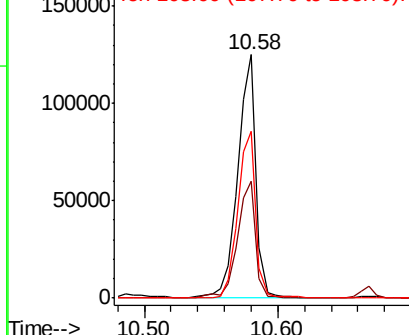


#62
4-Nitroaniline
Concen: 40.737 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Tgt Ion:138 Resp: 119528
Ion Ratio Lower Upper
138 100
92 48.2 31.7 71.7
108 68.5 59.3 99.3



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

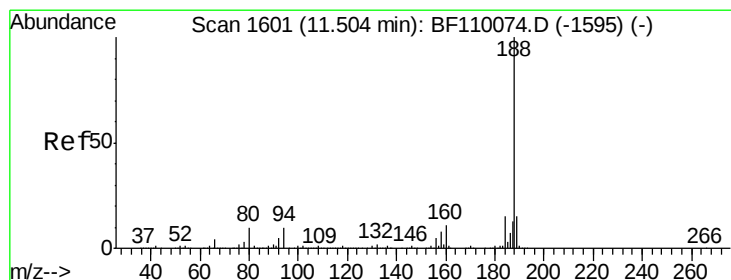
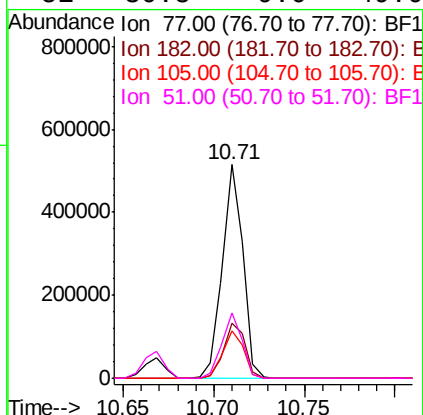
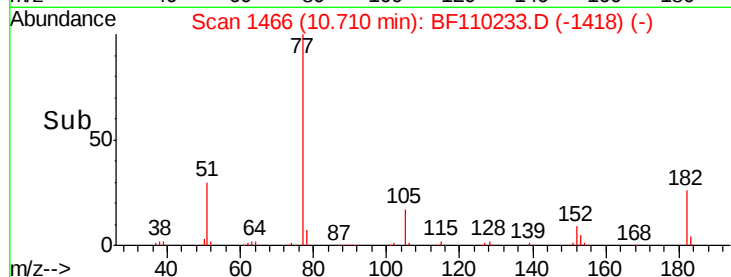
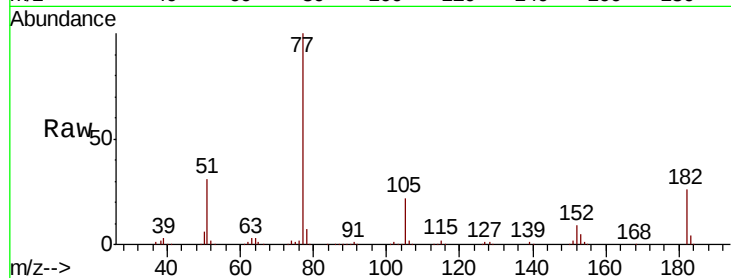




#63
Azobenzene
Concen: 36.395 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

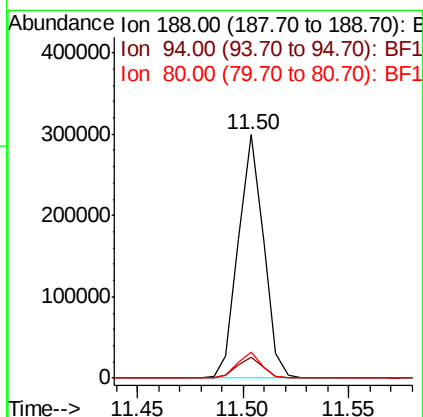
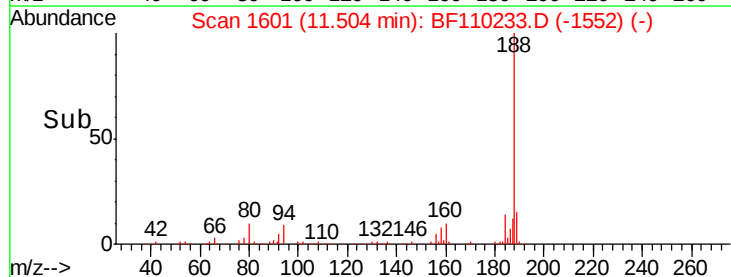
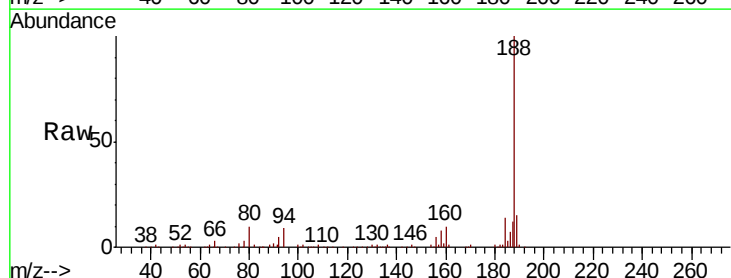
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

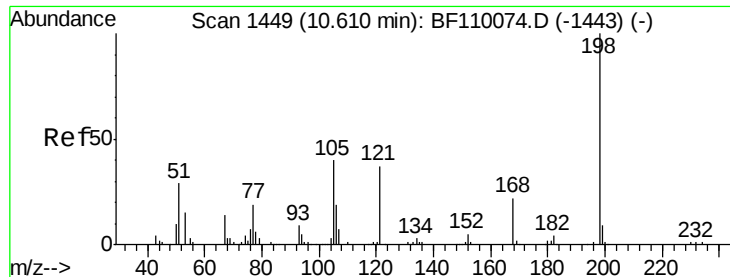
Tot Ion:	77	Resp:	406137
Ion	Ratio	Lower	Upper
77	100		
182	25.6	4.3	44.3
105	22.3	1.3	41.3
51	30.8	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Tgt Ion:	188	Resp:	247478
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	10.4	7.9	11.9

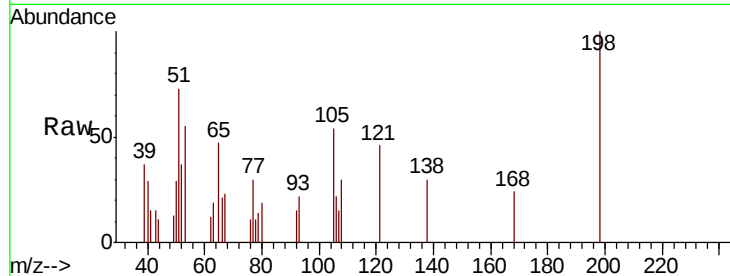




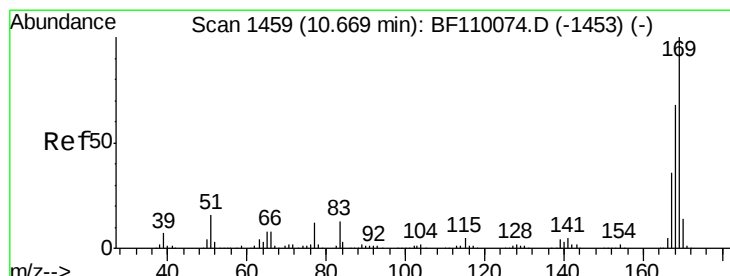
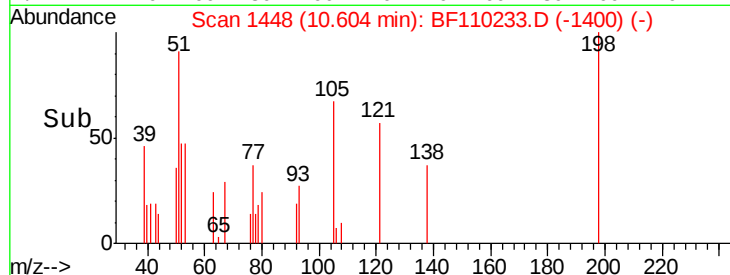
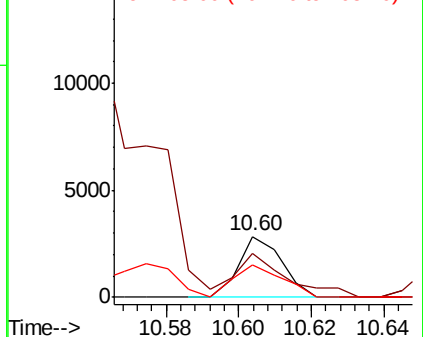
#65
4,6-Dinitro-2-methylphenol
Concen: 2.048 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 2316
Ion Ratio Lower Upper
198 100
51 73.0 22.8 62.8#
105 53.5 23.6 63.6

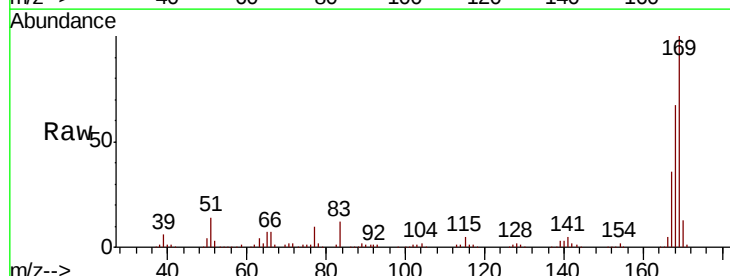


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

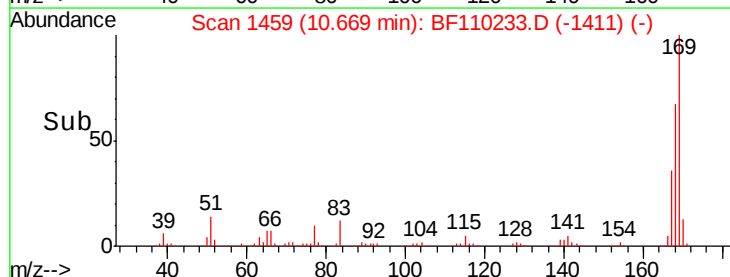
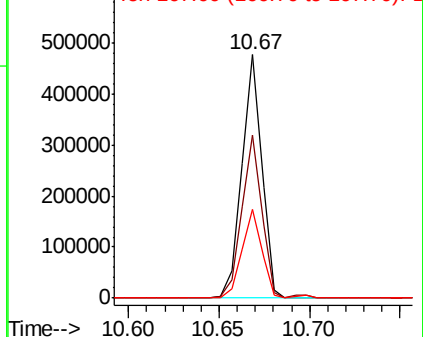


#66
n-Nitrosodiphenylamine
Concen: 45.004 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Tgt Ion:169 Resp: 365314
Ion Ratio Lower Upper
169 100
168 67.2 51.2 76.8
167 36.4 27.8 41.6



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

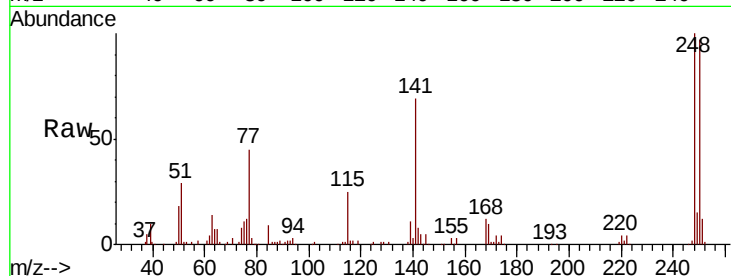




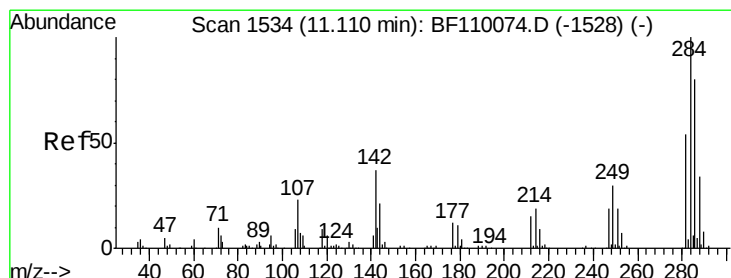
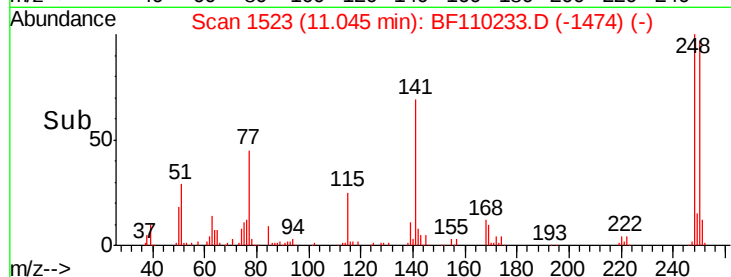
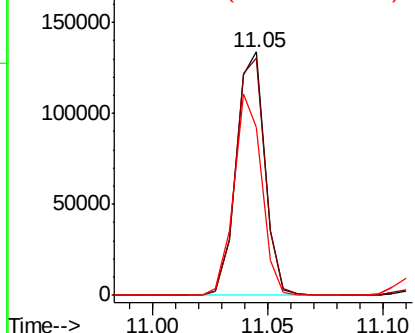
#67
4-Bromophenyl-phenylether
Concen: 43.124 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 115762
Ion Ratio Lower Upper
248 100
250 97.3 79.4 119.2
141 68.9 55.9 83.9

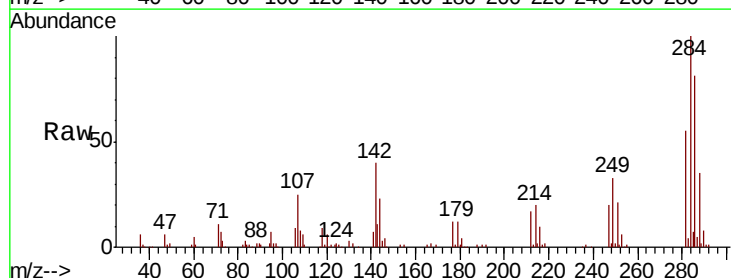


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

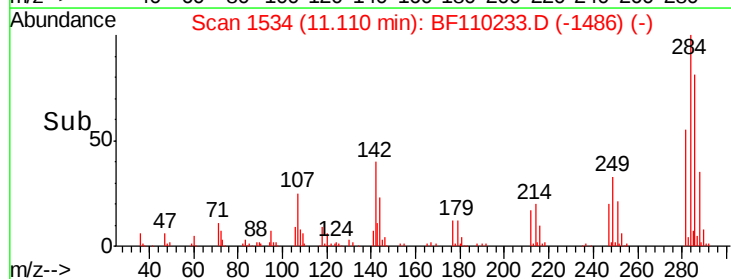
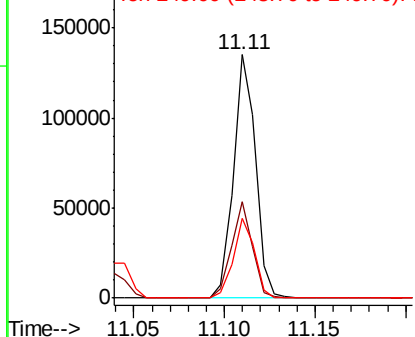


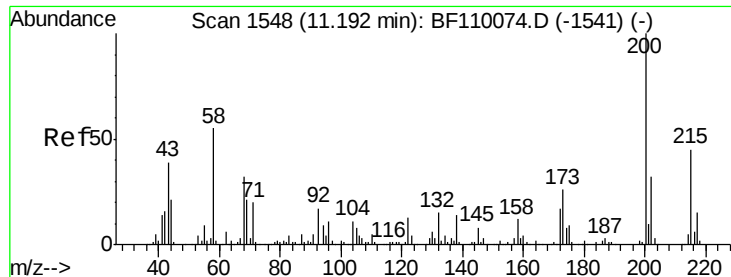
#68
Hexachlorobenzene
Concen: 40.152 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Tgt Ion:284 Resp: 114362
Ion Ratio Lower Upper
284 100
142 39.5 23.9 35.9#
249 32.9 24.2 36.2



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

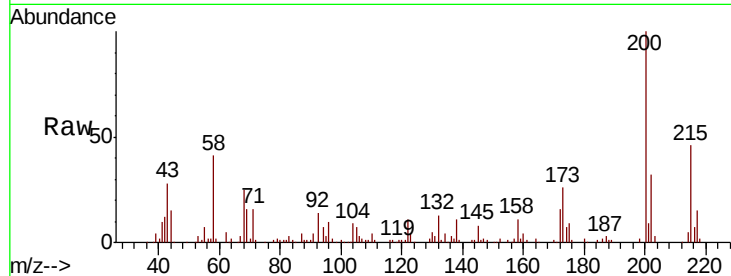




#69
Atrazine
Concen: 38.557 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	6.6	46.6
215	45.8	26.3	66.3

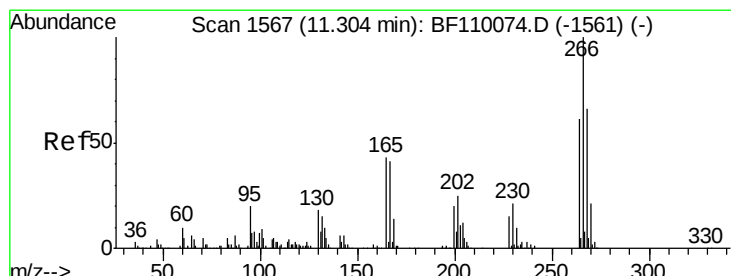
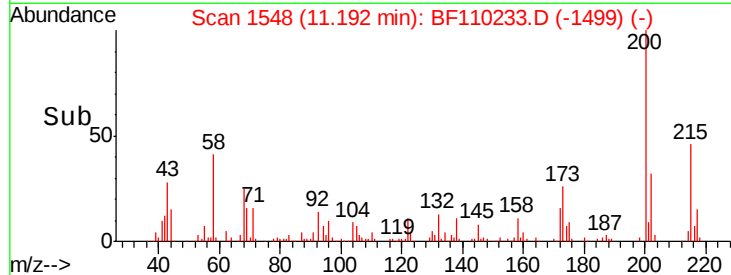
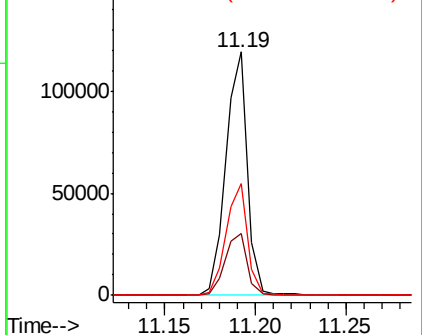


Abundance

Ion 200.00 (199.70 to 200.70): E

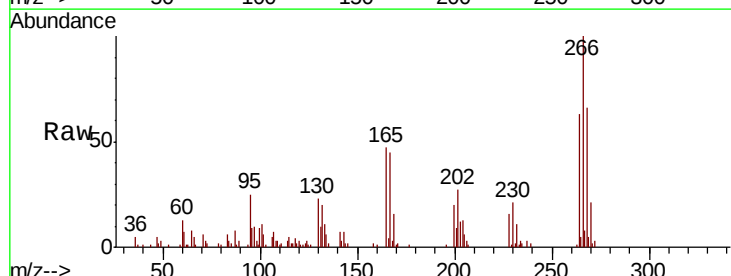
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 30.179 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.7	50.6	75.8
264	63.2	50.6	75.8

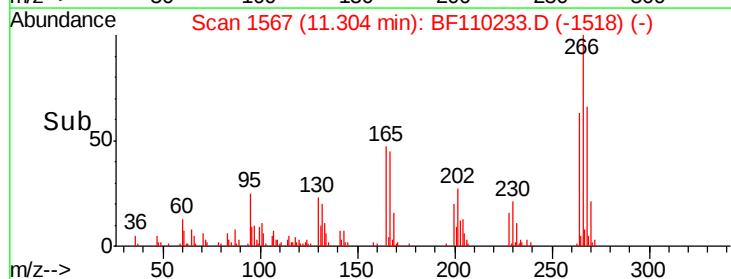
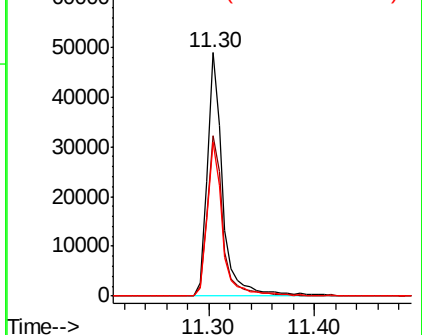


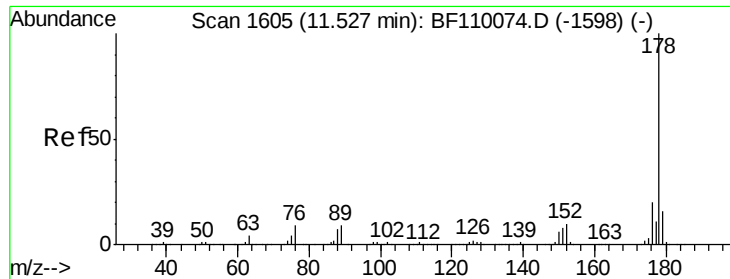
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

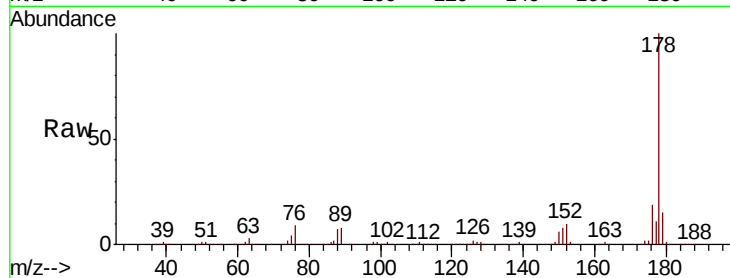




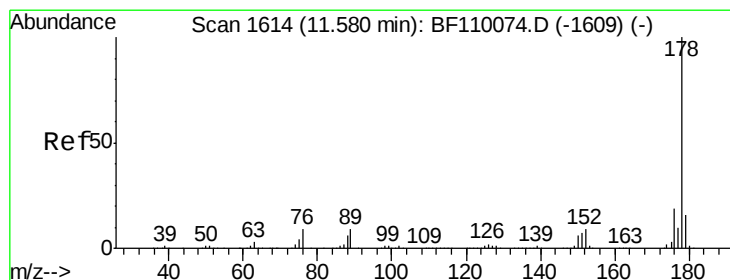
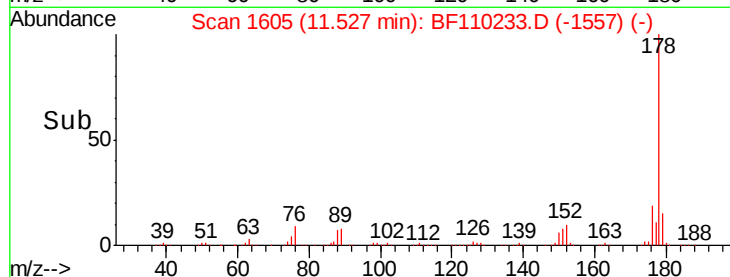
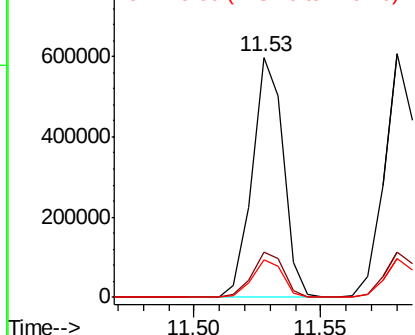
#71
Phenanthrene
Concen: 39.657 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 513523
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.5 12.5 18.7

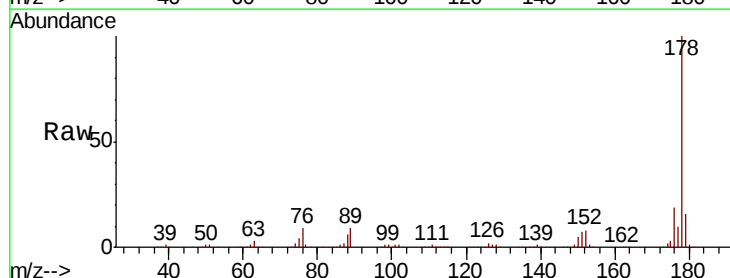


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

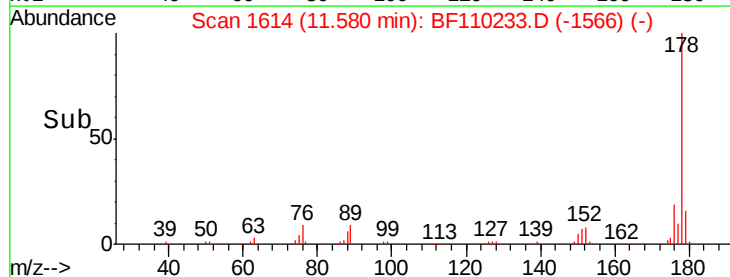
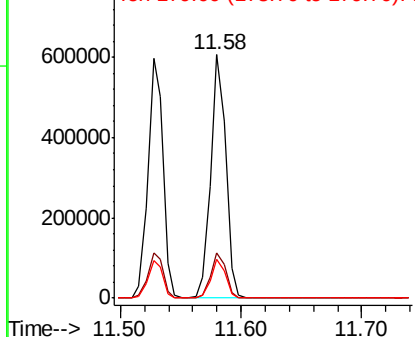


#72
Anthracene
Concen: 39.961 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Tgt Ion:178 Resp: 518669
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.2
179 16.0 12.6 18.8



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





#73

Carbazole

Concen: 40.257 ng

RT: 11.73 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

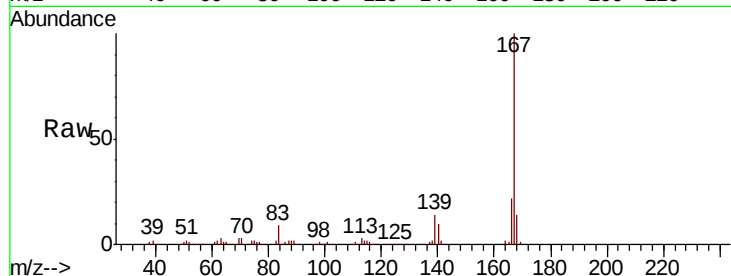
Tot Ion:167 Resp: 510179

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

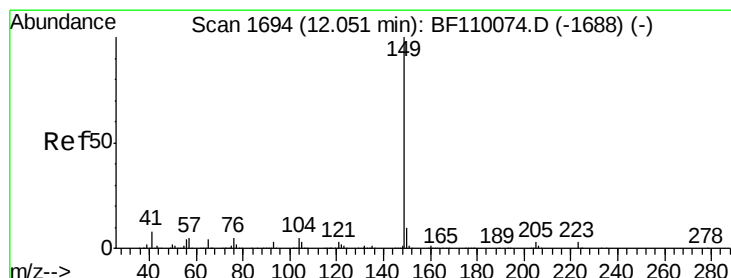
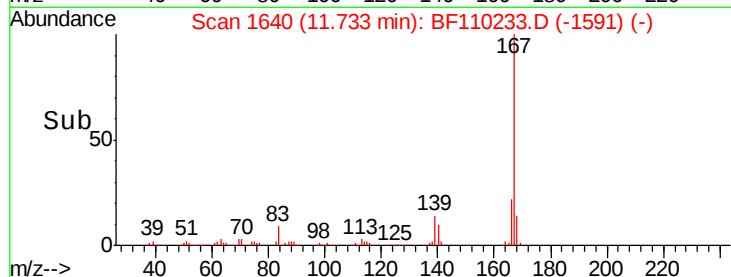
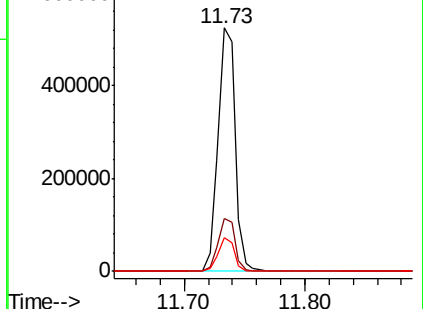
139 13.6 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.141 ng

RT: 12.05 min Scan# 1694

Delta R.T. -0.02 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

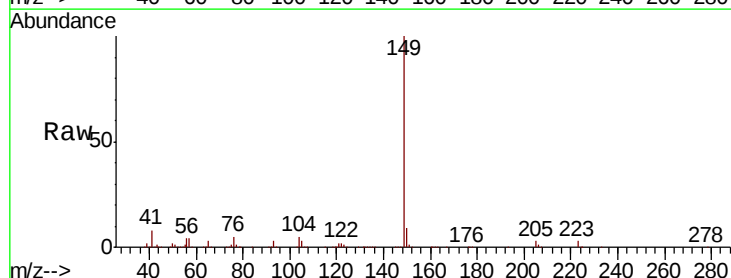
Tgt Ion:149 Resp: 631787

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

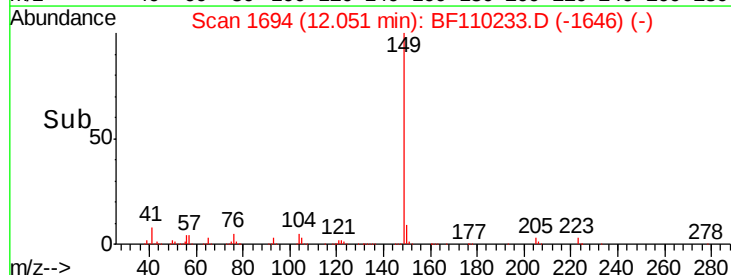
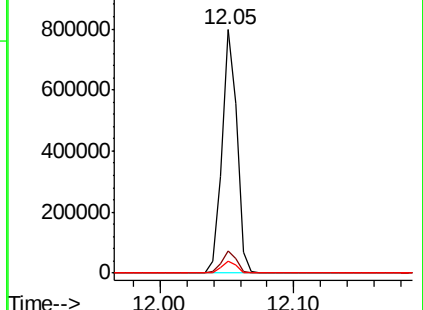
104 4.7 4.2 6.4

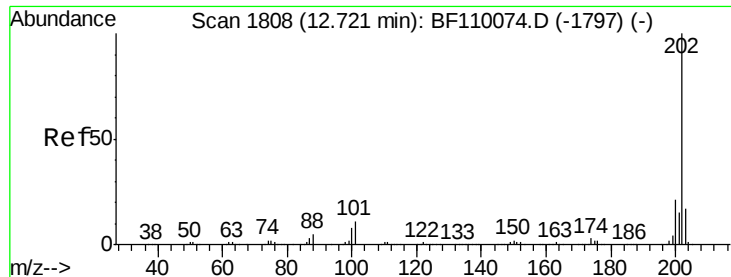


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

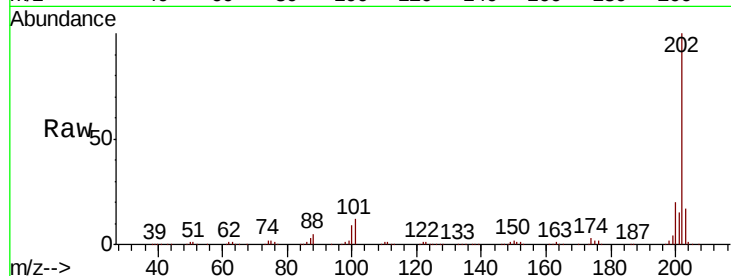




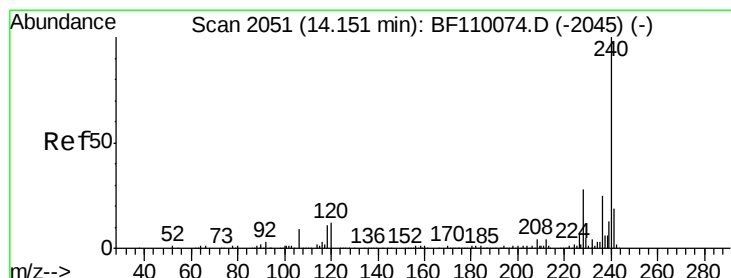
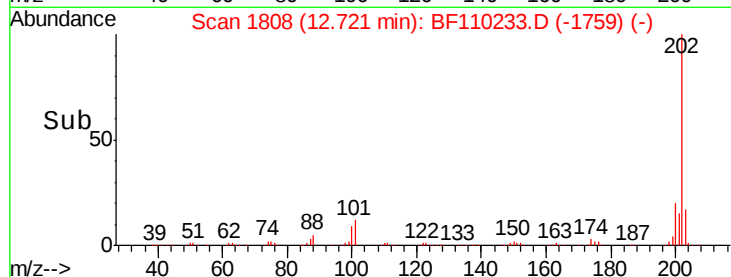
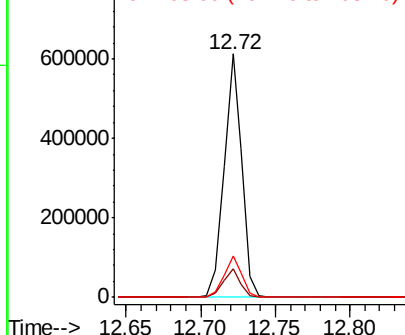
#75
 Fluoranthene
 Concen: 39.124 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF110233.D
 Acq: 27 Oct 2018 1:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	202	Resp:	514171
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.4
203	17.1	0.0	37.7

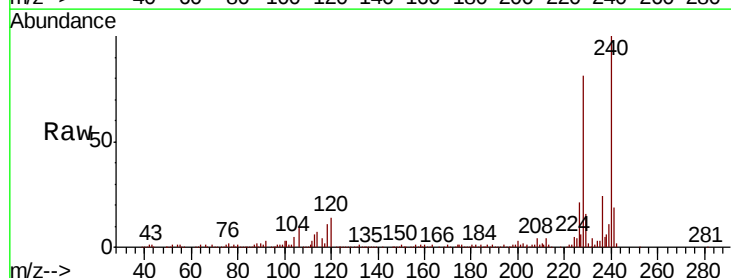


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

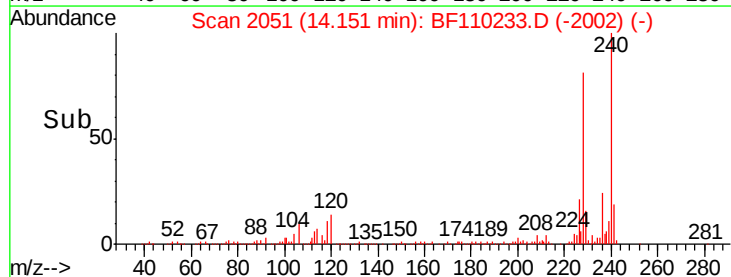
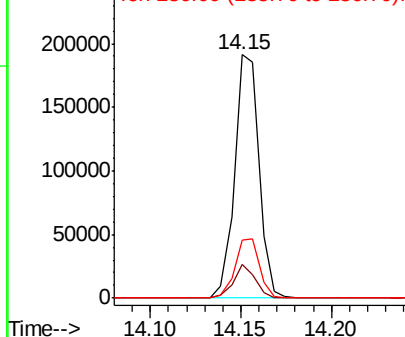


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110233.D
 Acq: 27 Oct 2018 1:55

Tgt Ion:	240	Resp:	178892
Ion	Ratio	Lower	Upper
240	100		
120	13.7	8.3	12.5#
236	24.0	21.2	31.8



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





#77

Benzidine

Concen: Below Cal

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

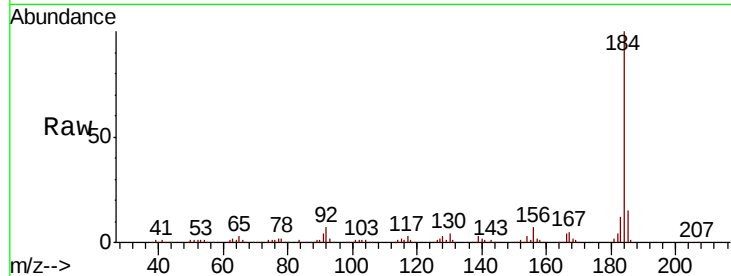
Tot Ion:184 Resp: 289276

Ion Ratio Lower Upper

184 100

185 15.4 13.4 20.2

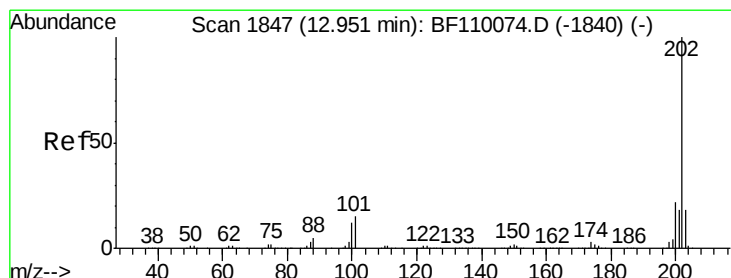
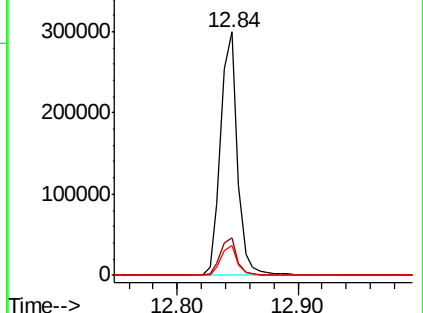
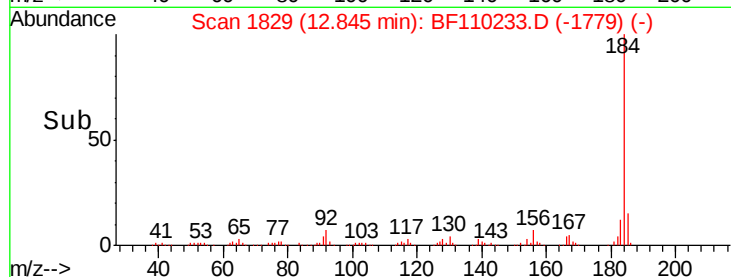
183 12.1 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.628 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

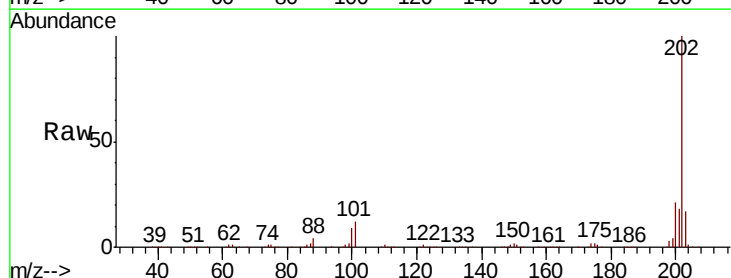
Tgt Ion:202 Resp: 533875

Ion Ratio Lower Upper

202 100

200 20.9 17.8 26.6

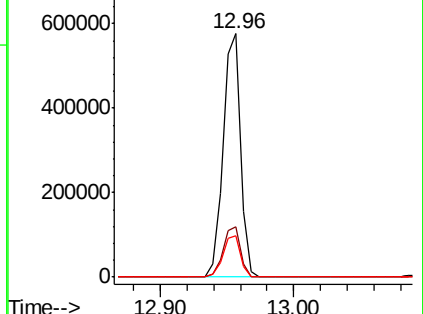
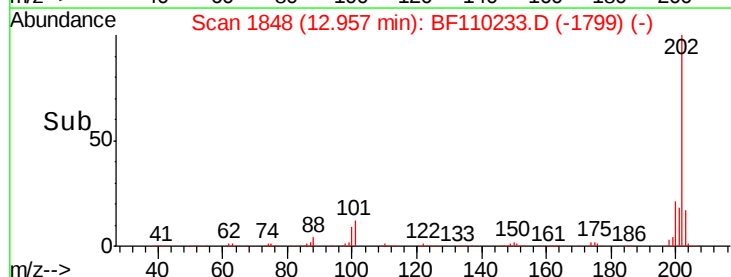
203 17.1 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

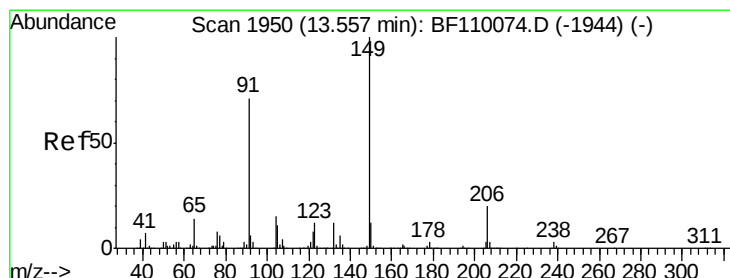
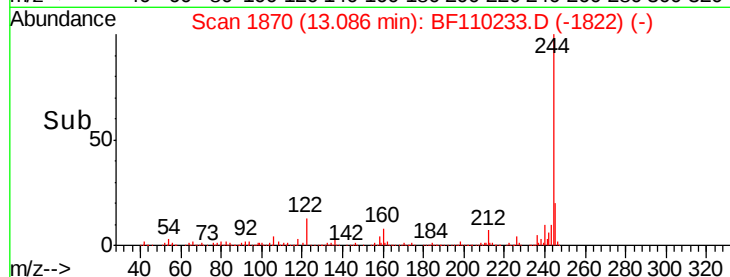
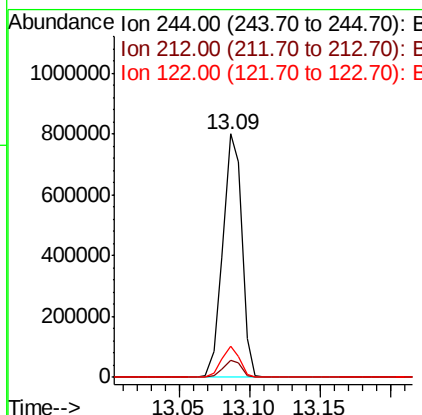
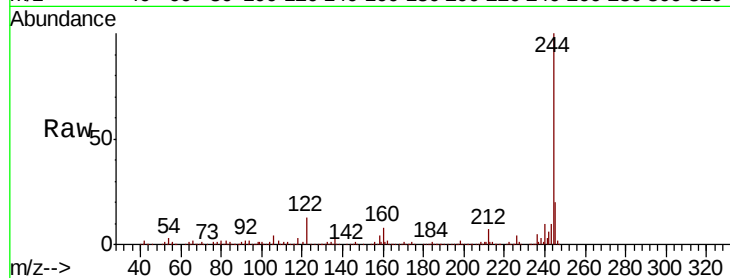




#79
 Terphenyl-d14
 Concen: 87.576 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110233.D
 Acq: 27 Oct 2018 1:55

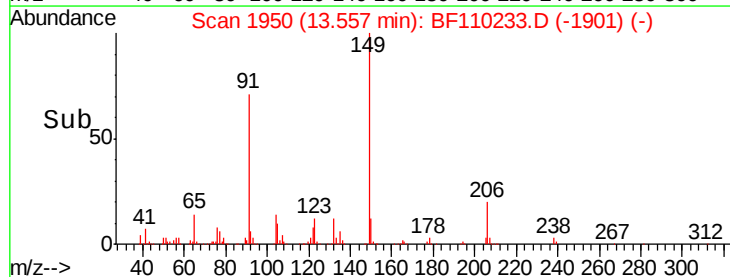
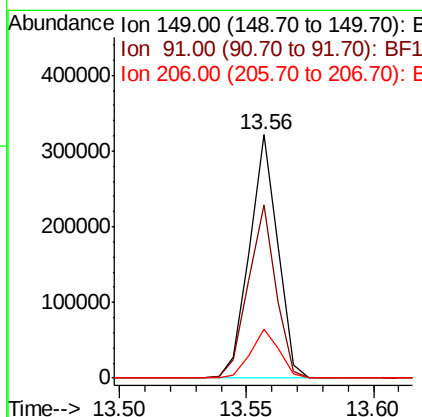
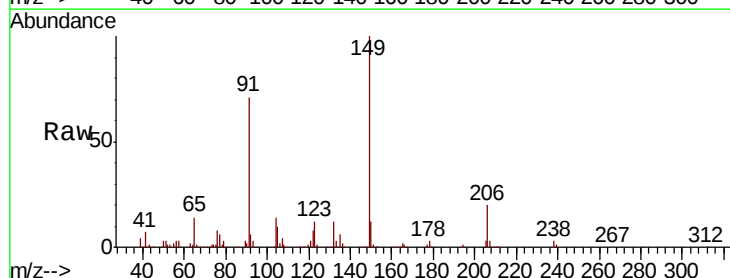
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.8	8.7	13.1



#80
 Butylbenzylphthalate
 Concen: 44.906 ng
 RT: 13.56 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF110233.D
 Acq: 27 Oct 2018 1:55

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.0	57.2	85.8
206	20.1	15.7	23.5





#81

Benzo(a)anthracene

Concen: 39.793 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

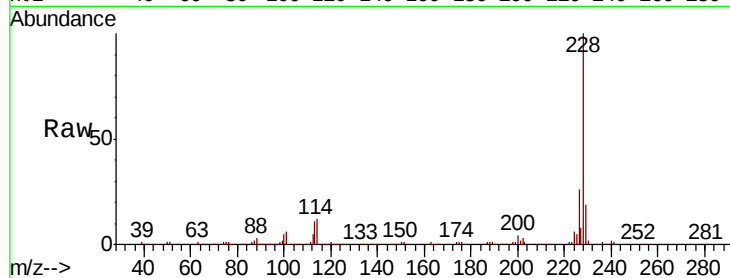
Tot Ion:228 Resp: 422155

Ion Ratio Lower Upper

228 100

226 26.1 22.1 33.1

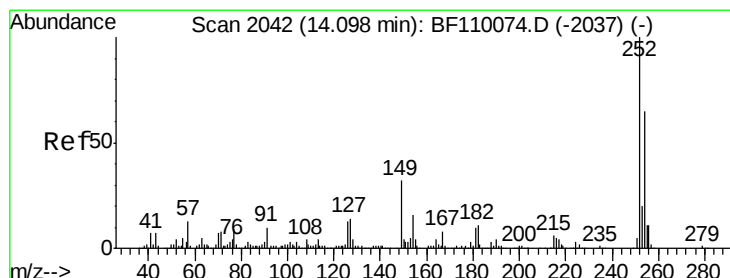
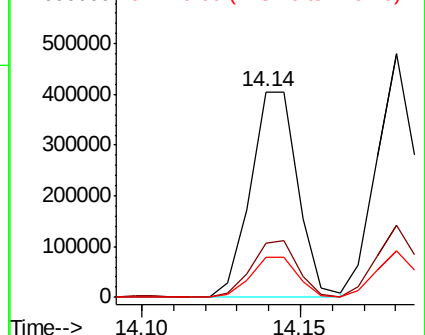
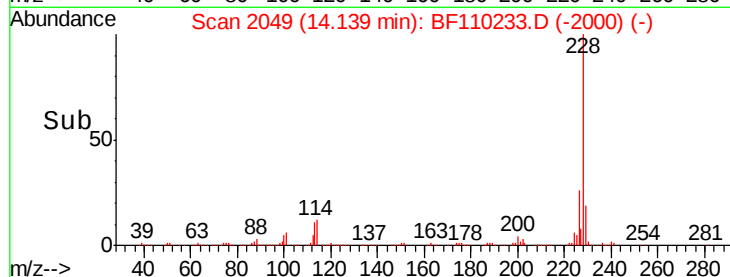
229 19.2 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 45.201 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

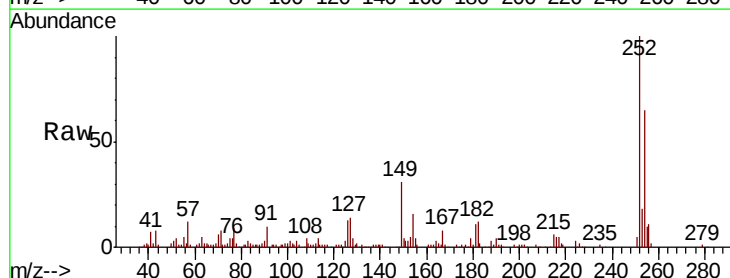
Tgt Ion:252 Resp: 166979

Ion Ratio Lower Upper

252 100

254 65.1 51.3 76.9

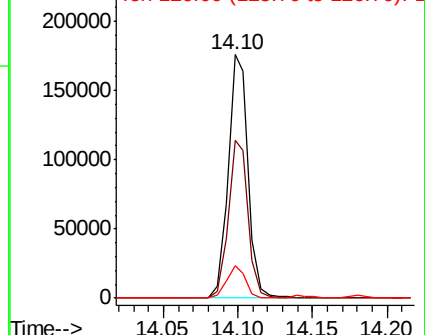
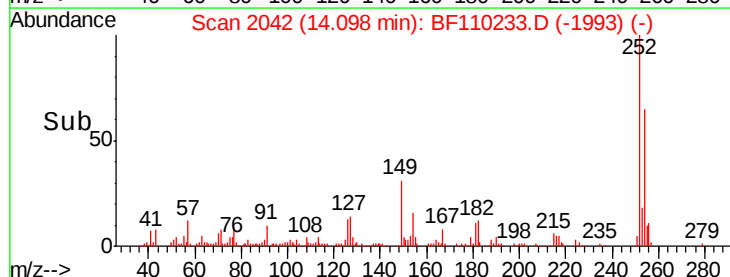
126 13.5 9.4 14.2

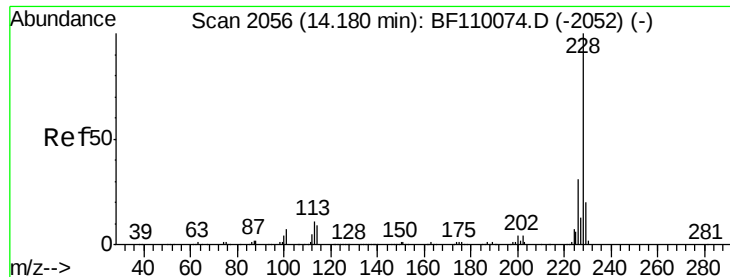


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.988 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

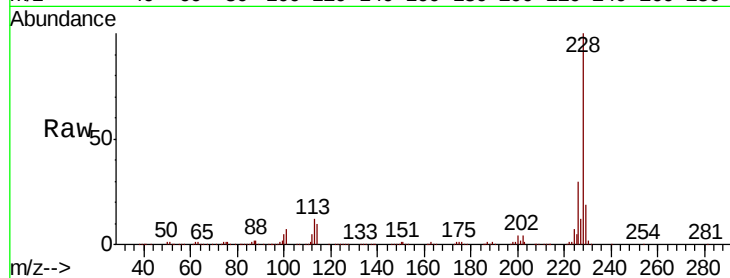
Tot Ion:228 Resp: 402928

Ion Ratio Lower Upper

228 100

226 29.5 24.7 37.1

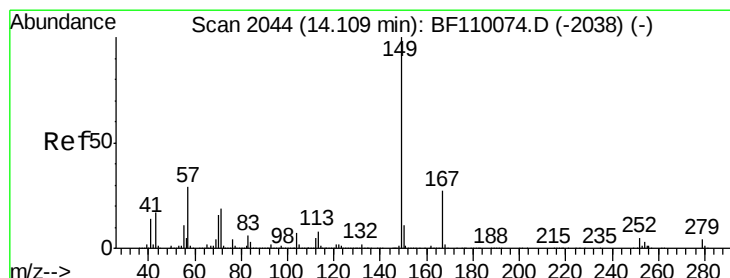
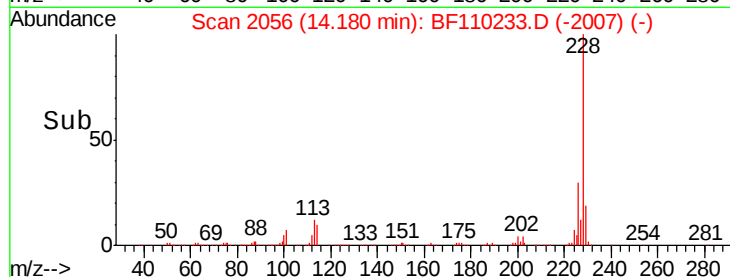
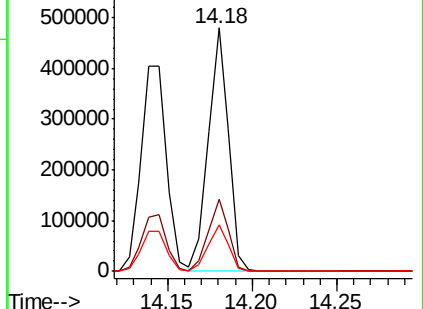
229 19.1 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.184 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

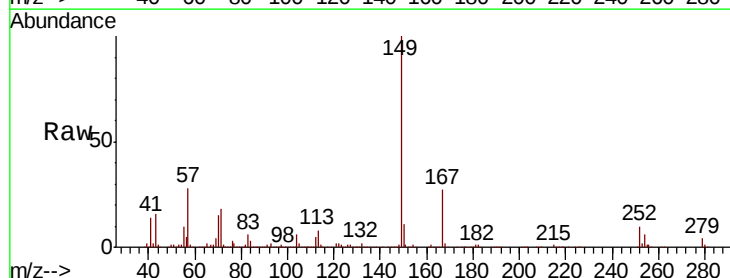
Tgt Ion:149 Resp: 347532

Ion Ratio Lower Upper

149 100

167 26.6 19.8 29.8

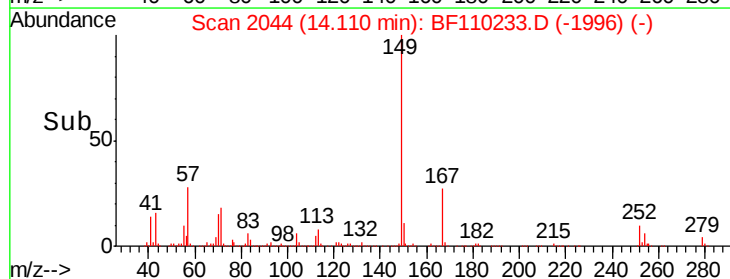
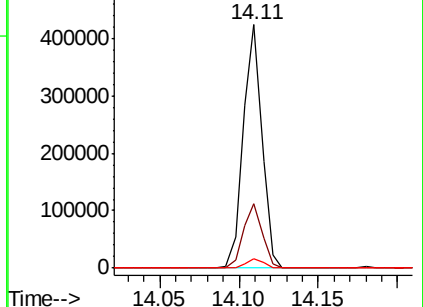
279 3.8 2.7 4.1

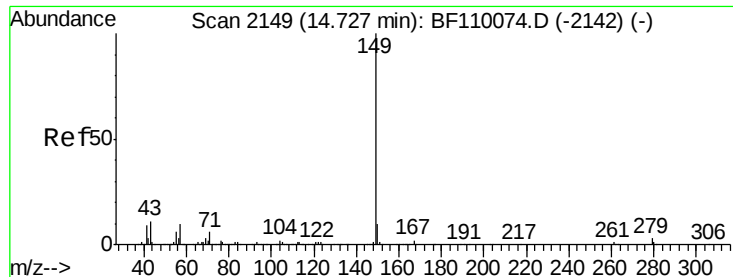


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

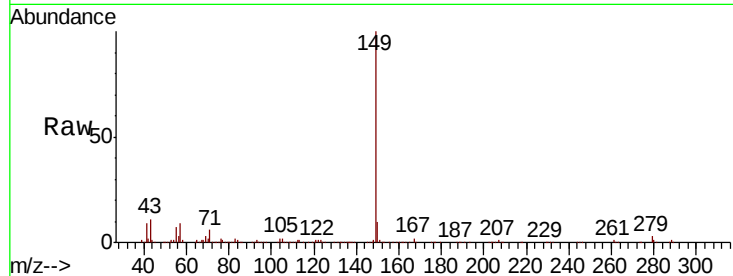




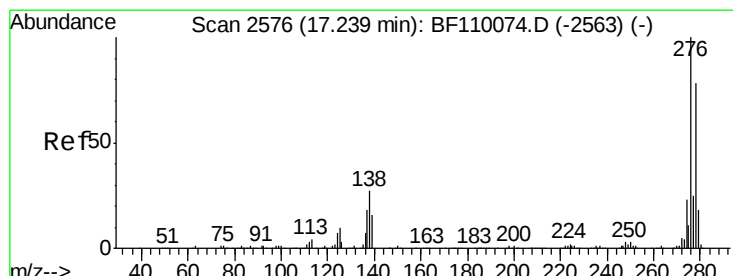
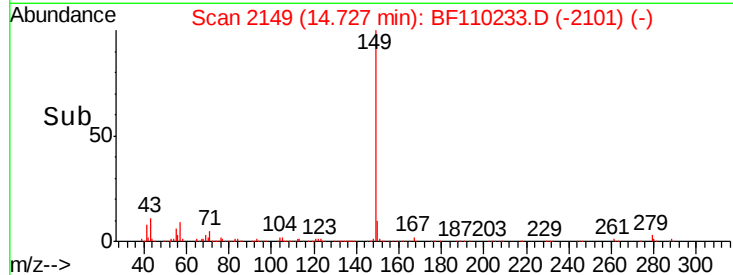
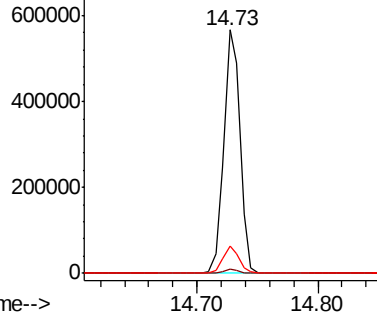
#85
Di-n-octyl phthalate
Concen: 45.665 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 534312
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 10.7 7.8 11.8

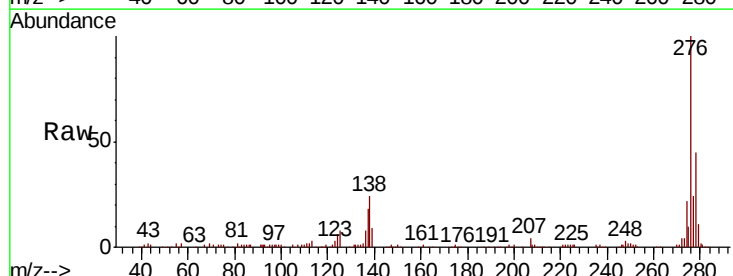


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

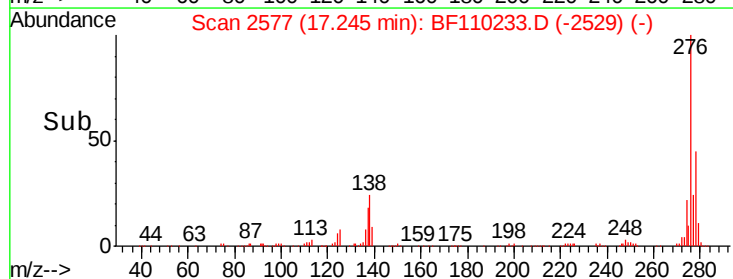
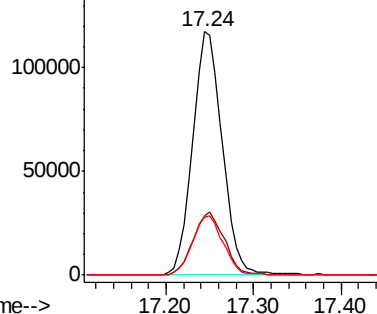


#86
Indeno(1,2,3-cd)pyrene
Concen: 32.611 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Tgt Ion:276 Resp: 272603
Ion Ratio Lower Upper
276 100
138 26.9 18.5 27.7
277 25.2 20.0 30.0



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

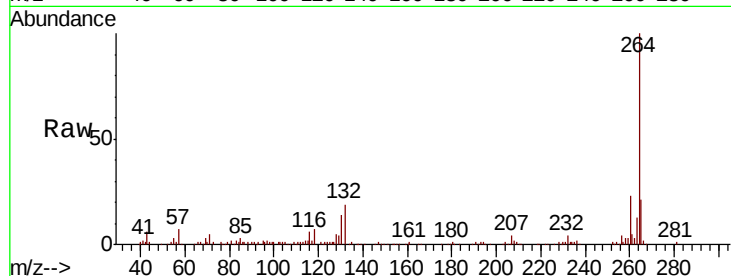
Tot Ion:264 Resp: 123807

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

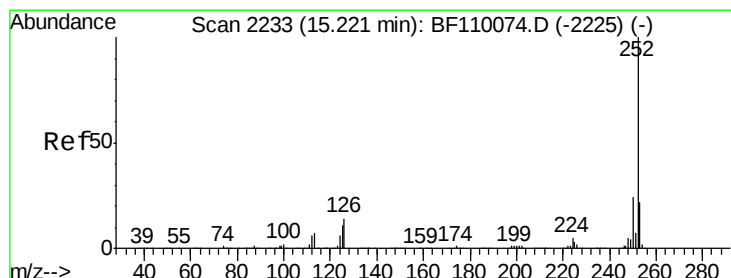
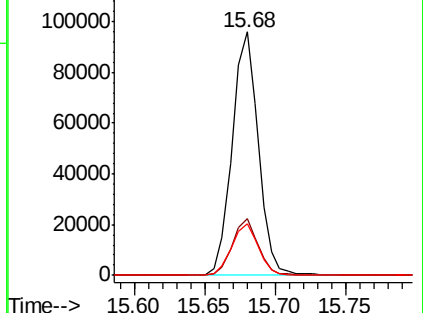
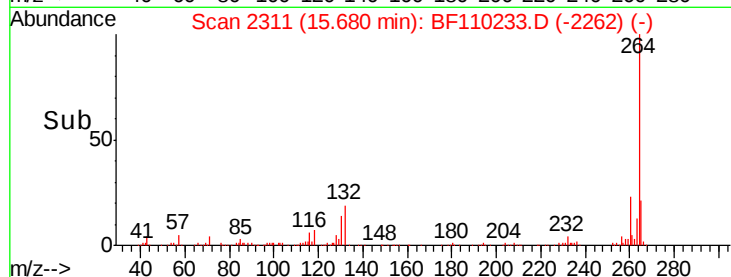
265 21.1 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.394 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF110233.D

Acq: 27 Oct 2018 1:55

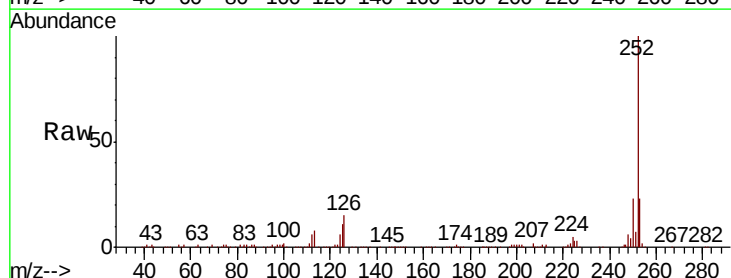
Tgt Ion:252 Resp: 303092

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

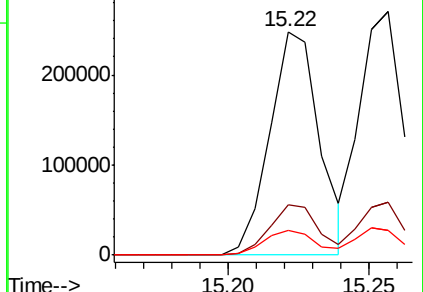
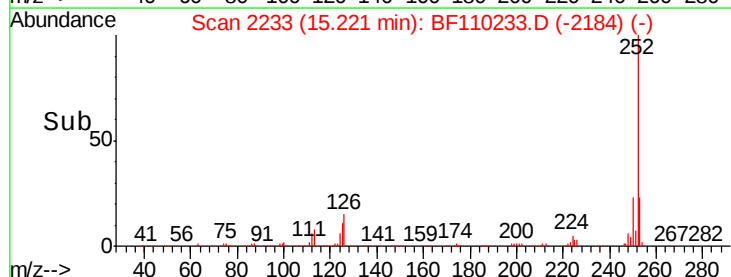
125 10.8 8.2 12.4

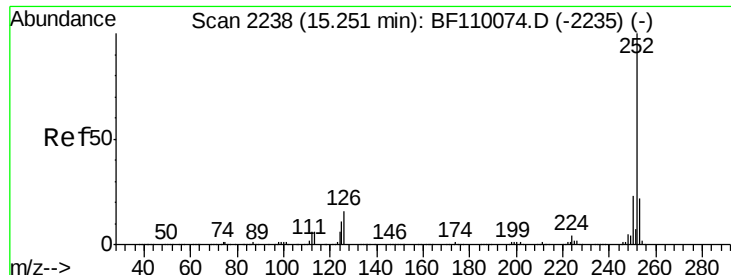


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

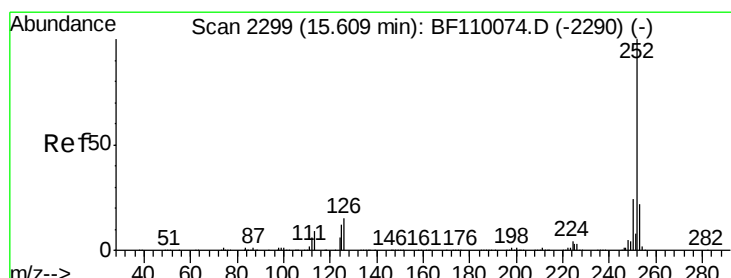
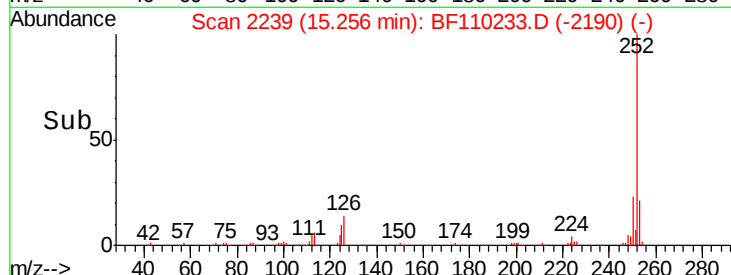
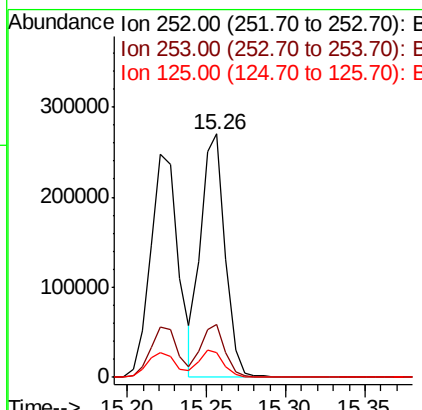
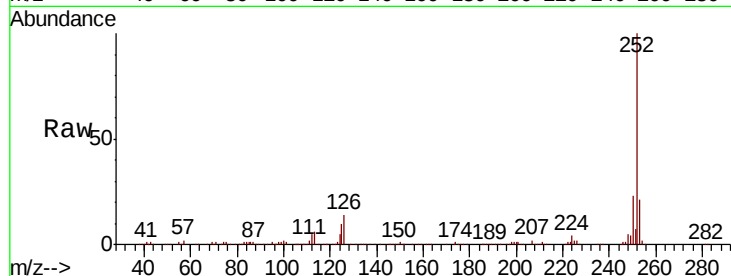




#89
Benzo(k)fluoranthene
Concen: 41.245 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

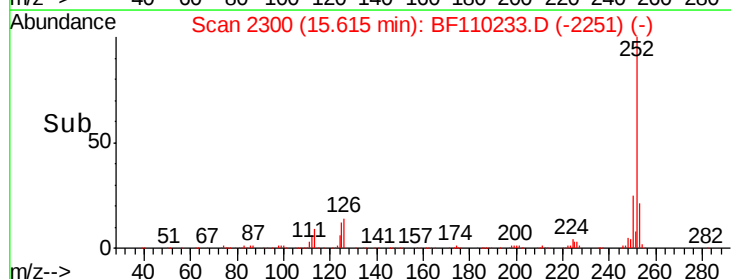
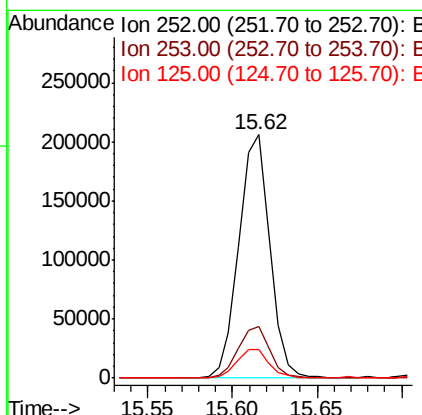
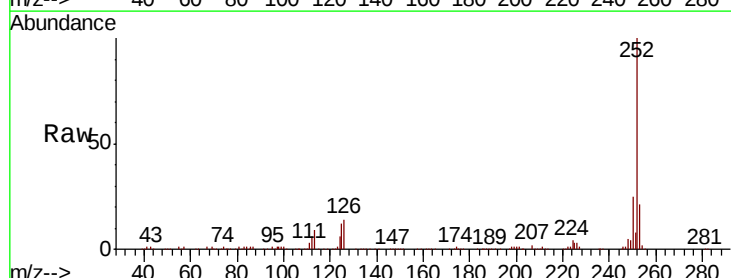
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

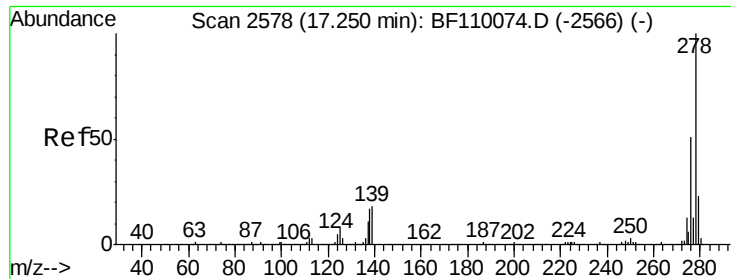
Tot Ion:252 Resp: 289892
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 10.4 7.4 11.0



#90
Benzo(a)pyrene
Concen: 40.201 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Tgt Ion:252 Resp: 264467
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.4
125 11.8 9.0 13.6

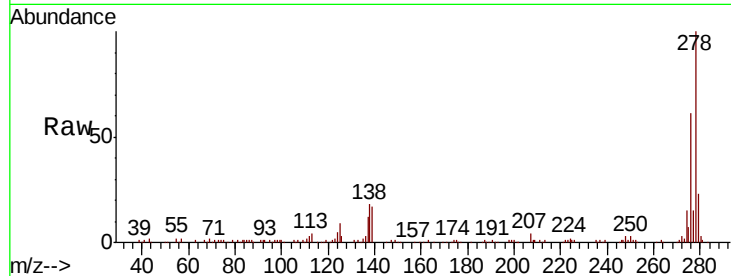




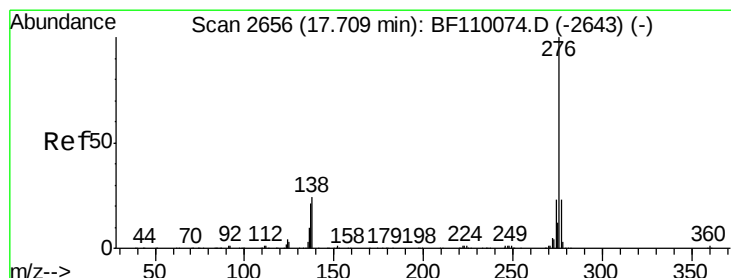
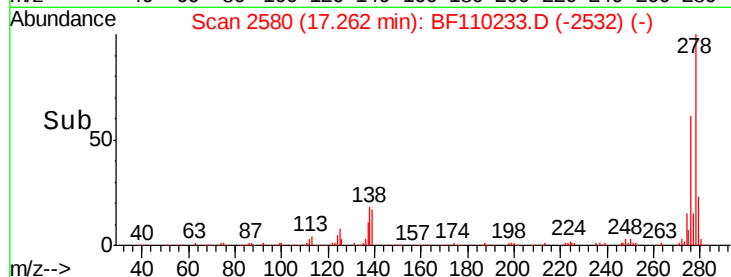
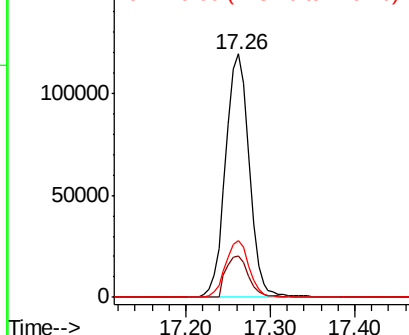
#91
Dibenzo(a,h)anthracene
Concen: 40.941 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.02 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.2	12.7	19.1
279	23.2	19.0	28.4

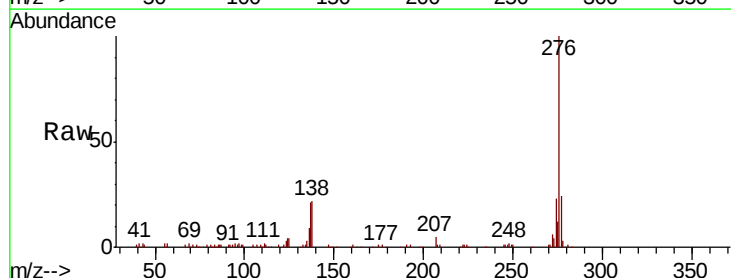


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.600 ng
RT: 17.73 min Scan# 2659
Delta R.T. -0.01 min
Lab File: BF110233.D
Acq: 27 Oct 2018 1:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	22.5	16.0	24.0



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

