

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110961.D
 Acq On : 26 Nov 2018 14:00
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 26 15:29:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 26 15:26:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	67973	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	294461	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	144589	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	272416	20.00	ng	0.00
76) Chrysene-d12	14.13	240	204834	20.00	ng	0.00
87) Perylene-d12	15.67	264	149432	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	339515	82.83	ng	0.00
7) Phenol-d6	6.57	99	430383	80.57	ng	0.00
23) Nitrobenzene-d5	7.51	82	414091	80.48	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	118228	82.33	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	784847	78.64	ng	0.00
79) Terphenyl-d14	13.06	244	833967	79.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	79077	40.268	ng	89
3) Pyridine	3.54	79	168308	39.140	ng	# 81
4) n-Nitrosodimethylamine	3.51	42	79469	40.388	ng	87
6) Aniline	6.60	93	270406	40.950	ng	# 56
8) 2-Chlorophenol	6.72	128	196663	40.485	ng	96
9) Benzaldehyde	6.50	77	117446	41.588	ng	98
10) Phenol	6.58	94	248228	41.264	ng	# 67
11) bis(2-Chloroethyl)ether	6.67	93	182510	40.271	ng	95
12) 1,3-Dichlorobenzene	6.87	146	214879	40.265	ng	99
13) 1,4-Dichlorobenzene	6.95	146	219101	39.925	ng	97
14) 1,2-Dichlorobenzene	7.10	146	205241	39.736	ng	98
15) Benzyl Alcohol	7.09	79	169669	41.332	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	291447	40.409	ng	78
17) 2-Methylphenol	7.19	107	155899	40.364	ng	# 82
18) Hexachloroethane	7.44	117	82300	40.769	ng	94
19) n-Nitroso-di-n-propylamine	7.35	70	143041	41.110	ng	96
20) 3+4-Methylphenols	7.35	107	206894	40.297	ng	# 87
22) Acetophenone	7.35	105	278195	40.306	ng	# 93
24) Nitrobenzene	7.53	77	211143	39.462	ng	95
25) Isophorone	7.76	82	339153	40.185	ng	97
26) 2-Nitrophenol	7.84	139	108796	41.853	ng	99
27) 2,4-Dimethylphenol	7.87	122	160940	40.997	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	228880	40.480	ng	99
29) 2,4-Dichlorophenol	8.08	162	169216	41.193	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	186562	40.525	ng	95
31) Naphthalene	8.25	128	547721	39.681	ng	99
32) Benzoic acid	8.03	122	118172	40.489	ng	97
33) 4-Chloroaniline	8.30	127	240926	41.009	ng	99
34) Hexachlorobutadiene	8.35	225	105479	40.227	ng	99
35) Caprolactam	8.69	113	57324	40.874	ng	95
36) 4-Chloro-3-methylphenol	8.78	107	184715	40.470	ng	94
37) 2-Methylnaphthalene	8.93	142	364130	39.939	ng	99
38) 1-Methylnaphthalene	9.03	142	354626	39.989	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	182570	40.139	ng	99

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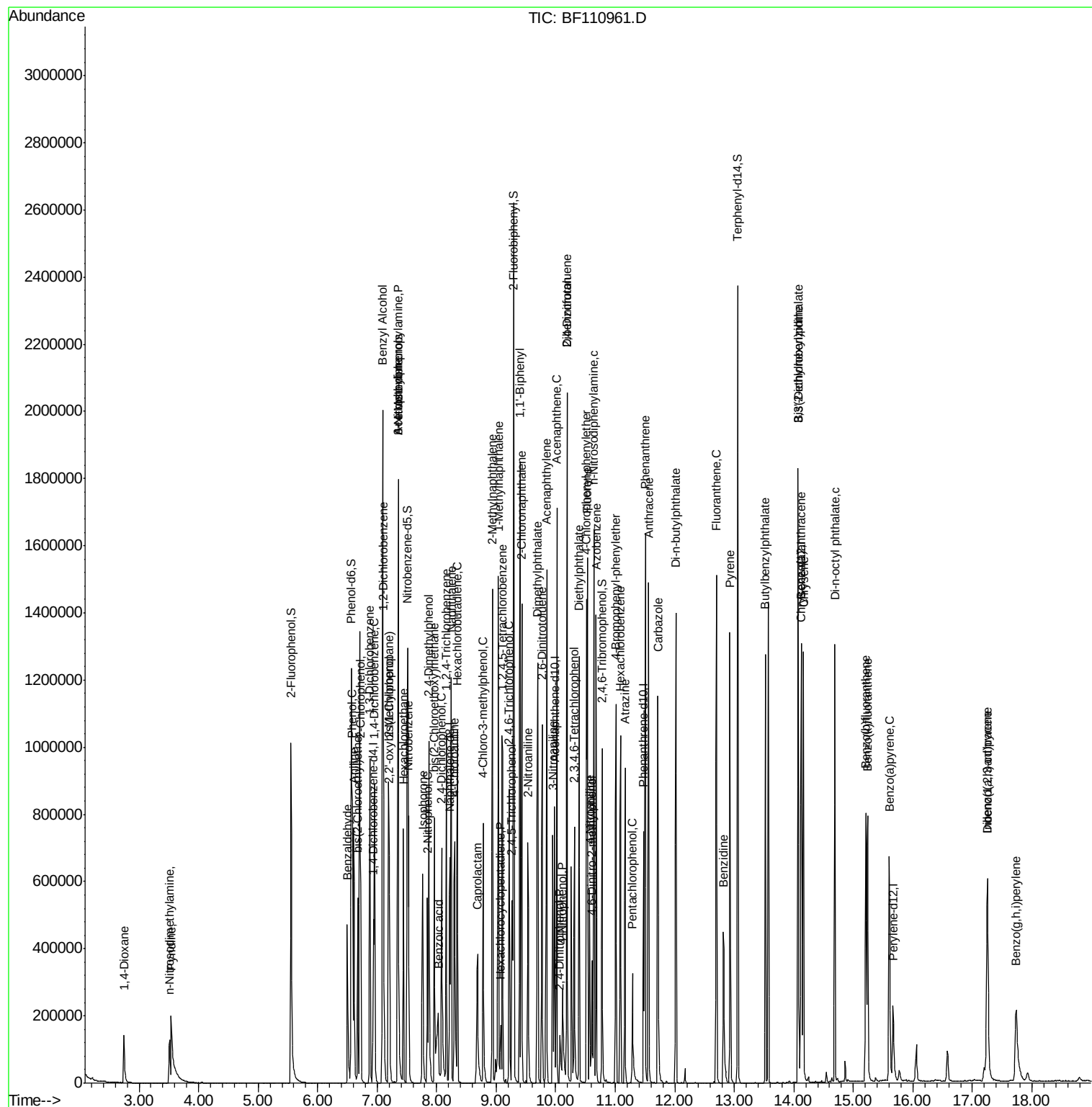
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	18062	40.454	ng	98
43) 2,4,6-Trichlorophenol	9.22	196	112385	41.371	ng	98
44) 2,4,5-Trichlorophenol	9.27	196	118292	41.356	ng	96
46) 1,1'-Biphenyl	9.40	154	530376	39.787	ng	99
47) 2-Chloronaphthalene	9.43	162	381732	39.495	ng	99
48) 2-Nitroaniline	9.53	65	122552	40.538	ng	96
49) Acenaphthylene	9.85	152	547496	39.836	ng	99
50) Dimethylphthalate	9.70	163	422878	39.878	ng	99
51) 2,6-Dinitrotoluene	9.77	165	95620	40.505	ng	95
52) Acenaphthene	10.02	154	349000	39.611	ng	98
53) 3-Nitroaniline	9.95	138	111778	40.625	ng	93
54) 2,4-Dinitrophenol	10.07	184	32937	41.372	ng	94
55) Dibenzofuran	10.19	168	502330	39.081	ng	99
56) 4-Nitrophenol	10.12	139	57198	39.652	ng	97
57) 2,4-Dinitrotoluene	10.19	165	123891	40.450	ng	# 87
58) Fluorene	10.53	166	392580	39.256	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	94918	40.434	ng	91
60) Diethylphthalate	10.39	149	426349	38.988	ng	100
61) 4-Chlorophenyl-phenylether	10.52	204	209507	40.053	ng	97
62) 4-Nitroaniline	10.57	138	104537	40.806	ng	96
63) Azobenzene	10.68	77	419222	39.332	ng	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	56158	43.580	ng	96
66) n-Nitrosodiphenylamine	10.64	169	373100	41.142	ng	97
67) 4-Bromophenyl-phenylether	11.01	248	122786	41.386	ng	91
68) Hexachlorobenzene	11.09	284	127228	40.261	ng	94
69) Atrazine	11.16	200	106754	43.789	ng	98
70) Pentachlorophenol	11.29	266	55157	43.871	ng	99
71) Phenanthrene	11.50	178	578892	40.123	ng	100
72) Anthracene	11.56	178	589273	40.105	ng	99
73) Carbazole	11.72	167	578003	40.529	ng	99
74) Di-n-butylphthalate	12.02	149	670673	40.221	ng	99
75) Fluoranthene	12.70	202	592816	39.977	ng	99
77) Benzidine	12.82	184	223094	42.581	ng	99
78) Pyrene	12.93	202	608689	40.686	ng	97
80) Butylbenzylphthalate	13.52	149	274375	40.622	ng	97
81) Benzo(a)anthracene	14.12	228	490211	40.536	ng	99
82) 3,3'-Dichlorobenzidine	14.07	252	168911	40.735	ng	98
83) Chrysene	14.16	228	470055	39.485	ng	100
84) Bis(2-ethylhexyl)phthalate	14.07	149	372282	41.364	ng	97
85) Di-n-octyl phthalate	14.69	149	581615	40.939	ng	98
86) Indeno(1,2,3-cd)pyrene	17.25	276	331536	38.798	ng	99
88) Benzo(b)fluoranthene	15.21	252	355661	40.515	ng	98
89) Benzo(k)fluoranthene	15.24	252	372328	41.207	ng	98
90) Benzo(a)pyrene	15.60	252	328552	40.208	ng	98
91) Dibenzo(a,h)anthracene	17.25	278	274097	40.655	ng	100
92) Benzo(g,h,i)perylene	17.74	276	271903	41.827	ng	97

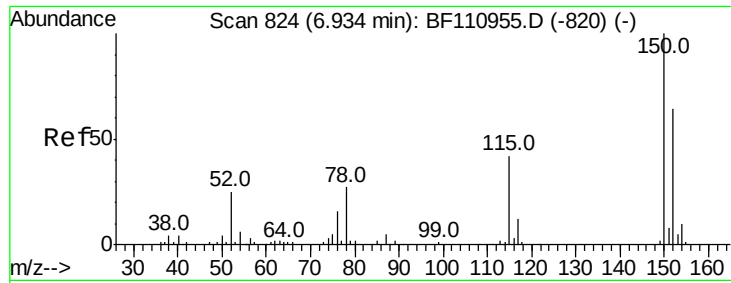
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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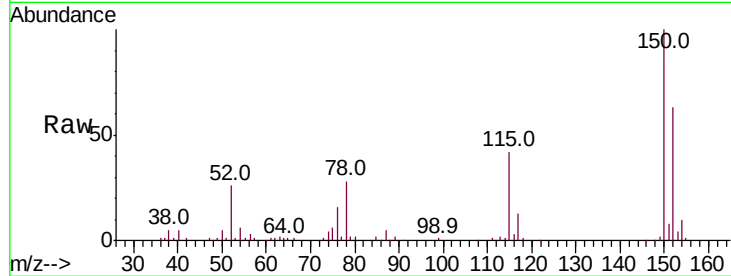


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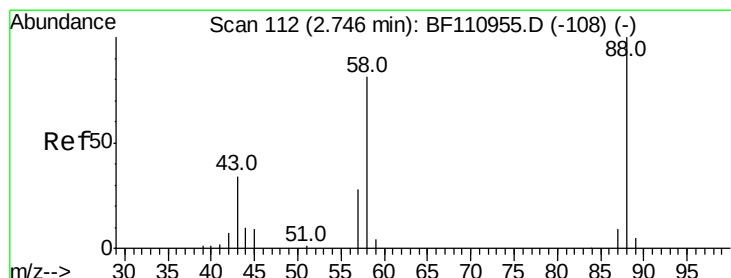
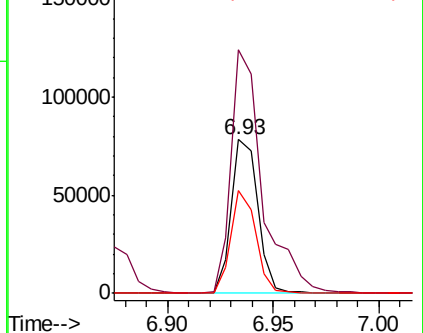
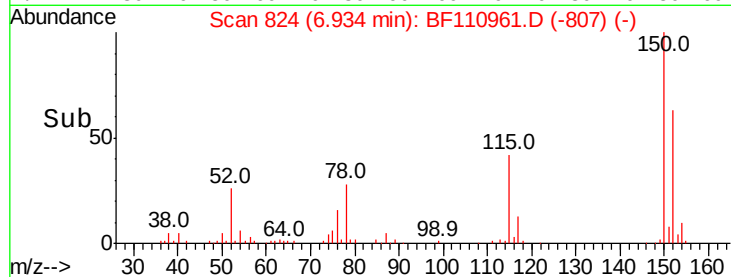
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.93 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:152 Resp: 67973
 Ion Ratio Lower Upper
 152 100
 150 158.7 122.7 184.1
 115 67.1 49.1 73.7



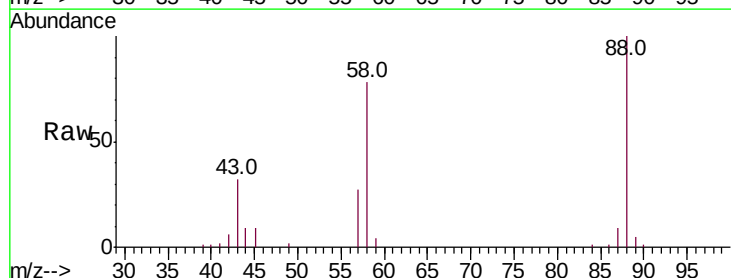
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



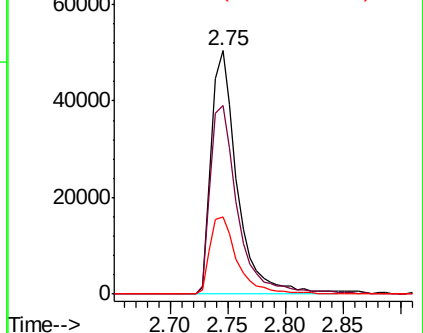
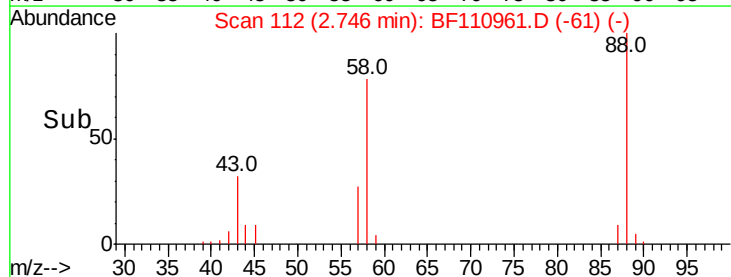
#2

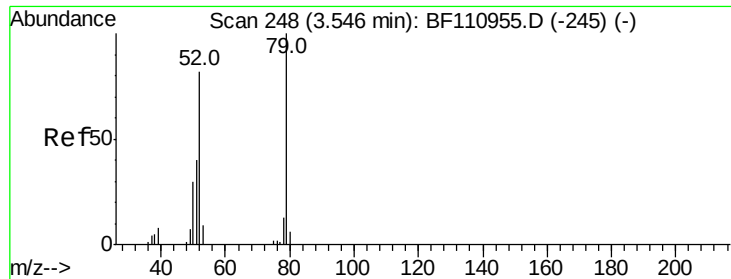
1,4-Dioxane
 Concen: 40.268 ng
 RT: 2.75 min Scan# 112
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion: 88 Resp: 79077
 Ion Ratio Lower Upper
 88 100
 58 81.9 57.1 85.7
 43 33.2 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

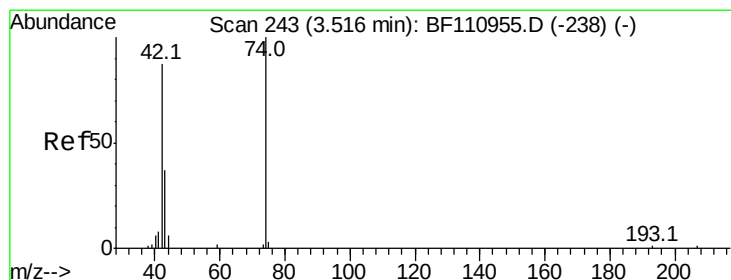
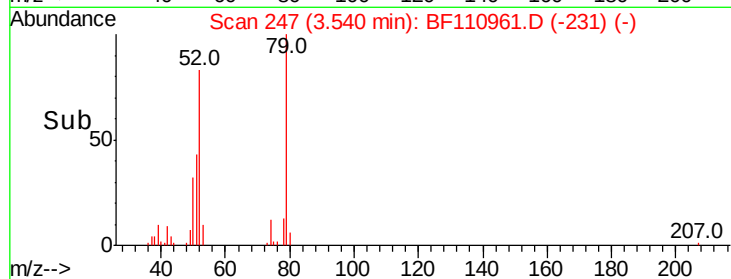
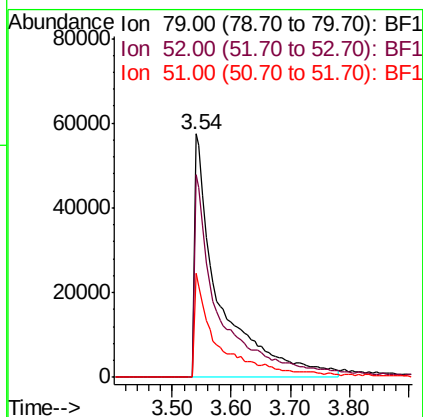
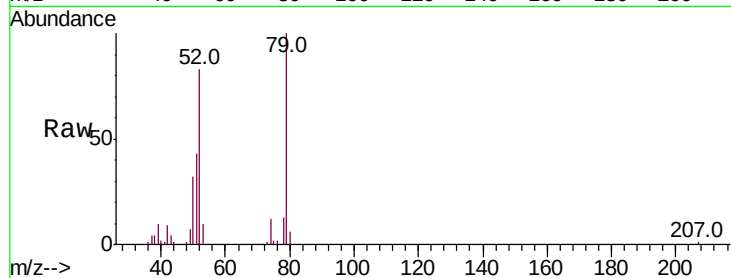




#3
 Pvridine
 Concen: 39.140 ng
 RT: 3.54 min Scan# 247
 Delta R.T. -0.01 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

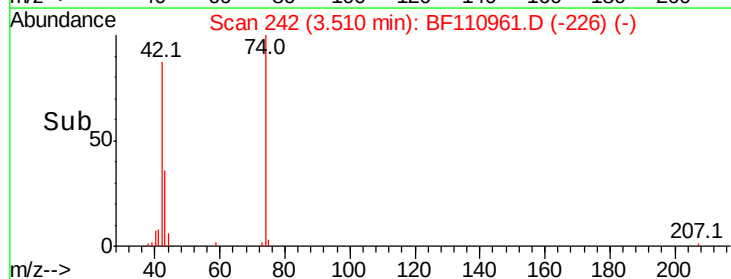
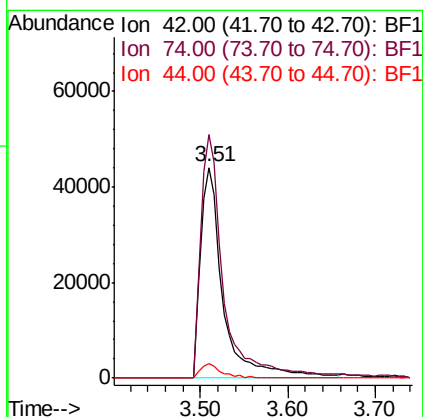
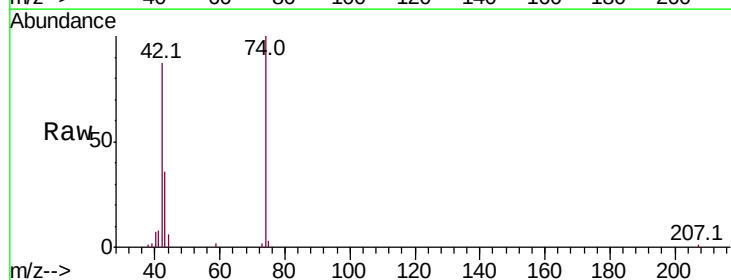
Instrument :
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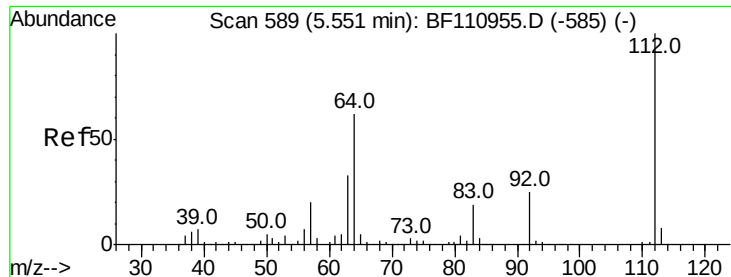
Tot Ion: 79 Resp: 168308
 Ion Ratio Lower Upper
 79 100
 52 83.0 53.1 79.7#
 51 42.9 27.4 41.2#



#4
 n-Nitrosodimethylamine
 Concen: 40.388 ng
 RT: 3.51 min Scan# 242
 Delta R.T. -0.01 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion: 42 Resp: 79469
 Ion Ratio Lower Upper
 42 100
 74 115.6 105.5 158.3
 44 7.2 4.9 7.3





#5

2-Fluorophenol

Concen: 82.830 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

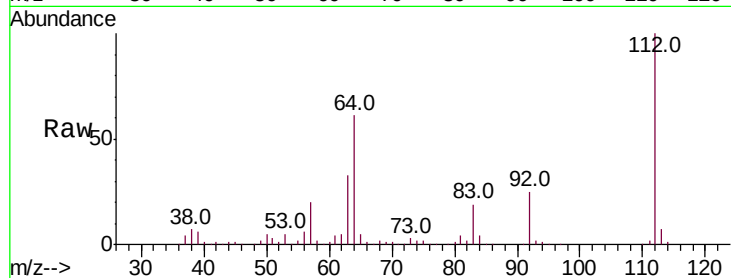
Tot Ion:112 Resp: 339515

Ion Ratio Lower Upper

112 100

64 61.1 44.1 66.1

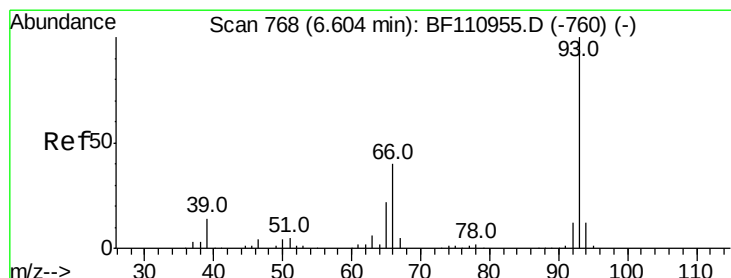
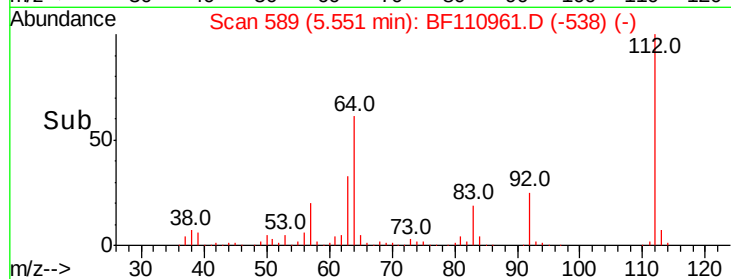
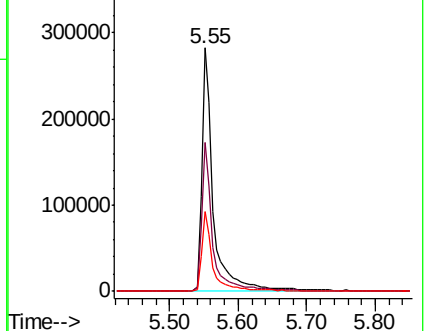
63 32.9 23.7 35.5



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: 40.950 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

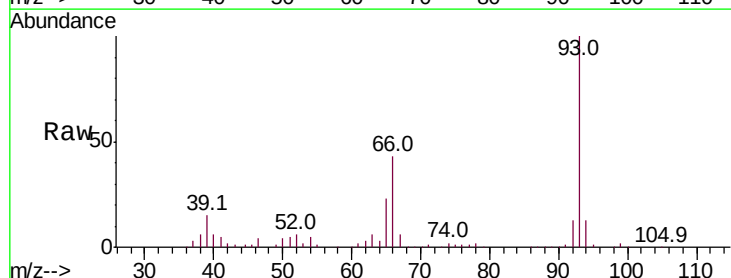
Tgt Ion: 93 Resp: 270406

Ion Ratio Lower Upper

93 100

66 43.0 67.4 101.0#

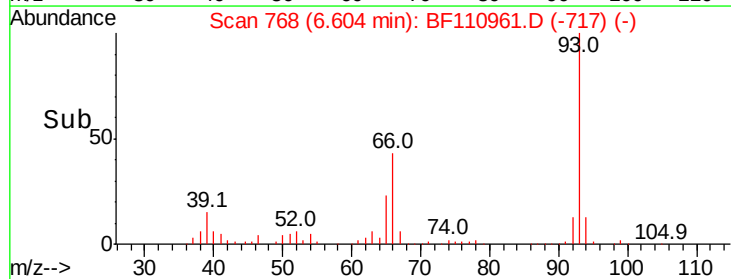
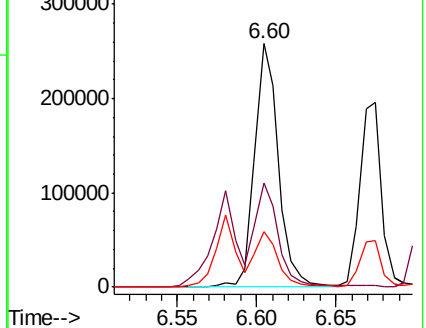
65 22.8 41.0 61.4#

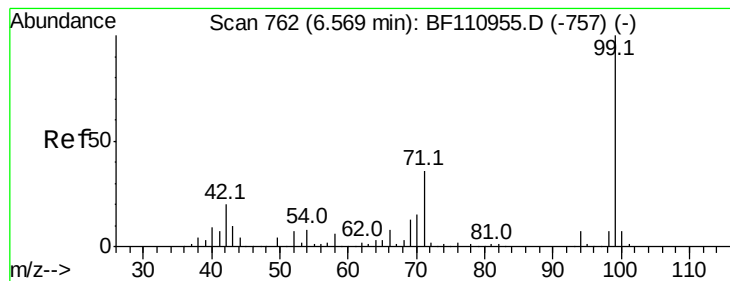


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.572 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF110961.D

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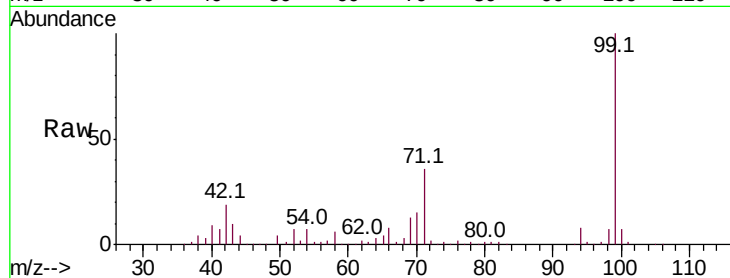
Tot Ion: 99 Resp: 430383

Ion Ratio Lower Upper

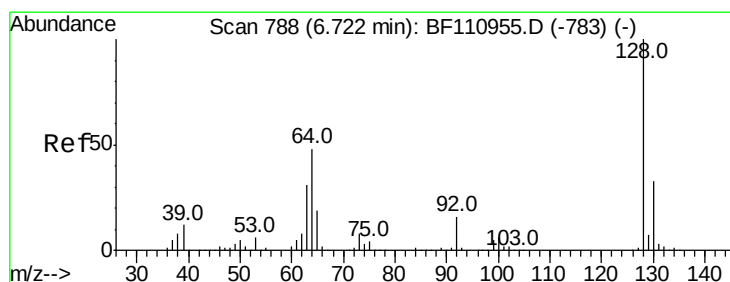
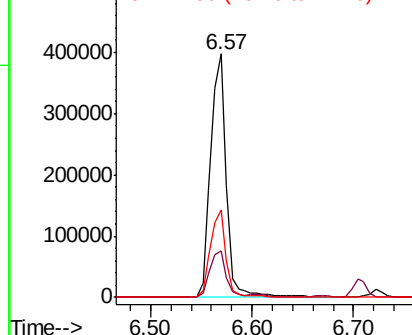
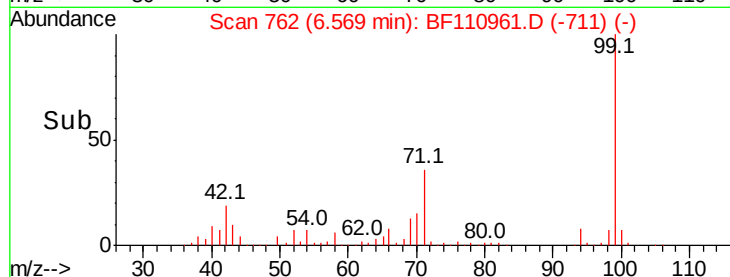
99 100

42 19.2 15.8 23.6

71 36.0 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: 40.485 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

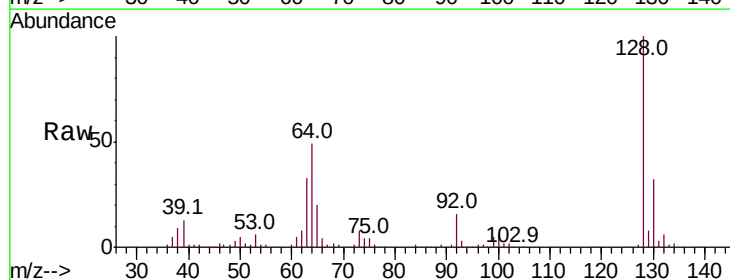
Tgt Ion: 128 Resp: 196663

Ion Ratio Lower Upper

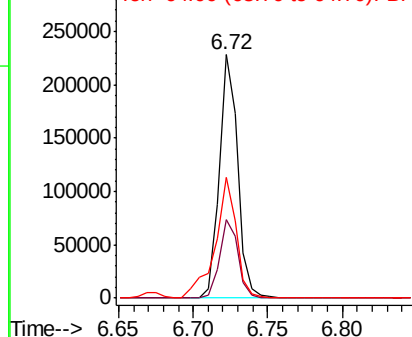
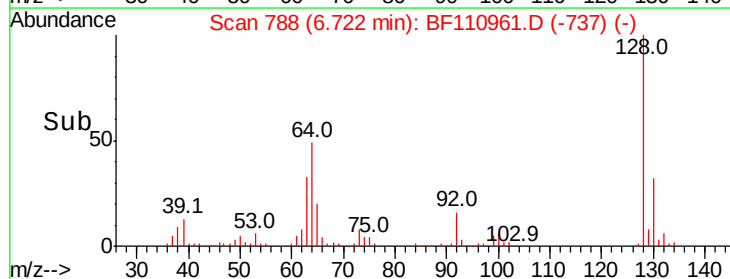
128 100

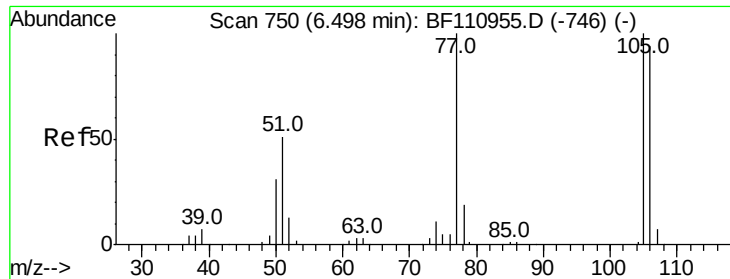
130 32.2 13.1 53.1

64 49.5 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: 41.588 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

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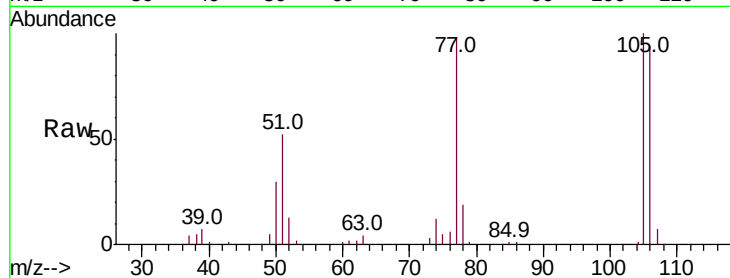
Tot Ion: 77 Resp: 117446

Ion Ratio Lower Upper

77 100

105 101.9 78.6 118.6

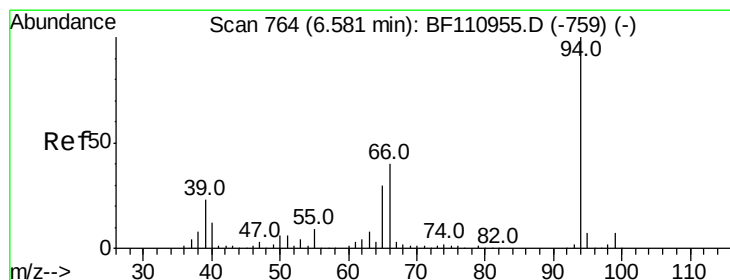
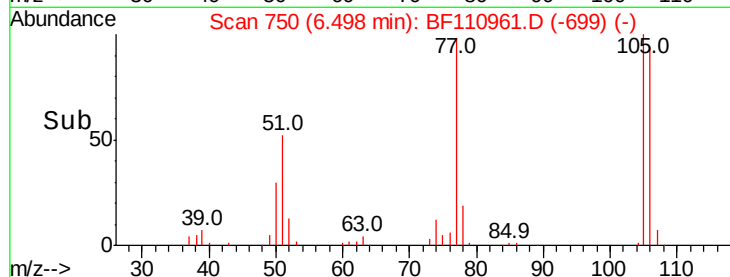
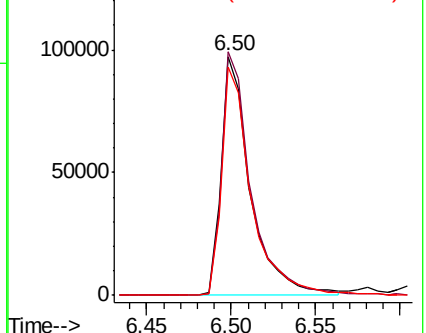
106 95.3 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.264 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

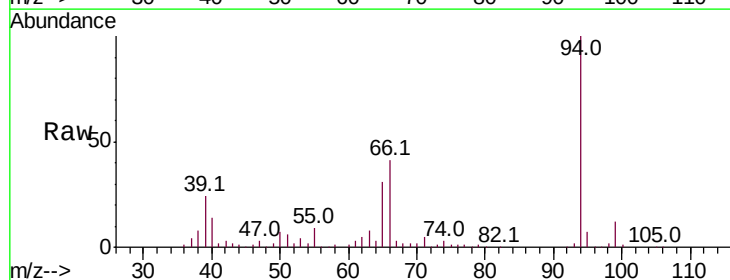
Tgt Ion: 94 Resp: 248228

Ion Ratio Lower Upper

94 100

65 30.7 25.3 65.3

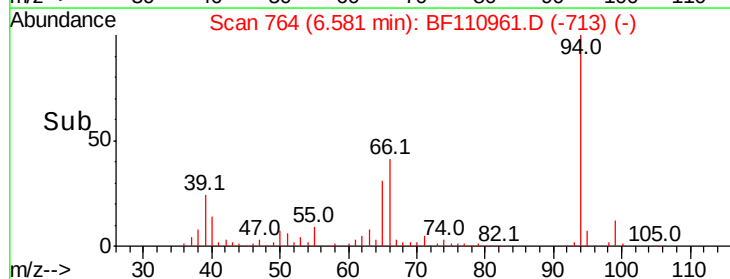
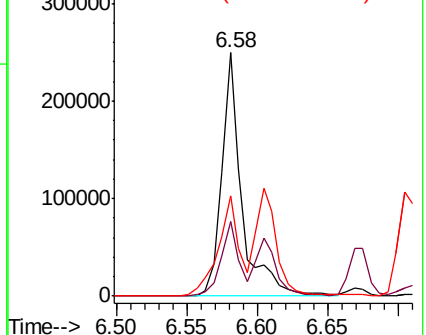
66 41.2 54.5 94.5#

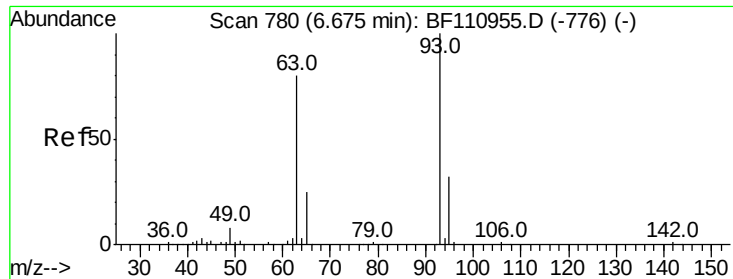


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.271 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

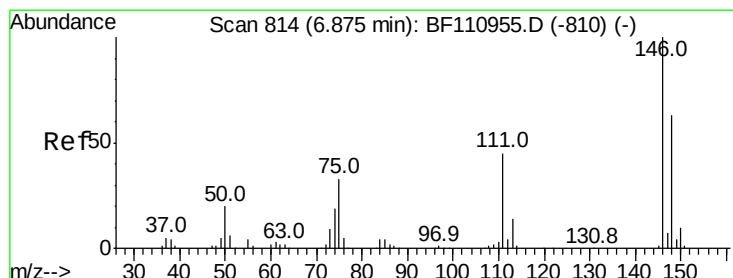
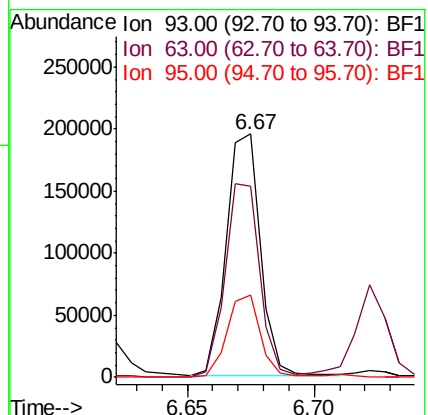
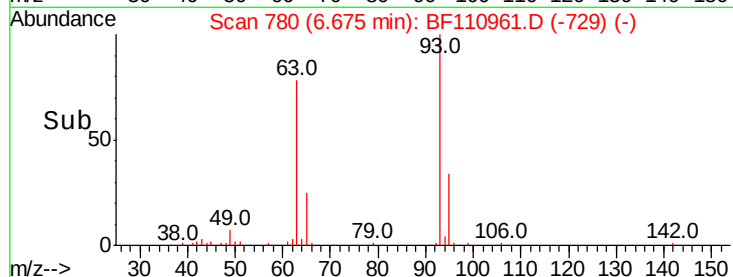
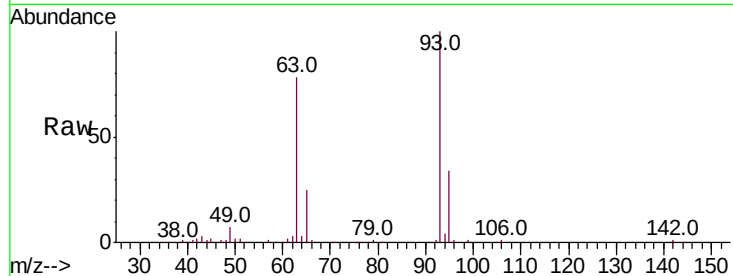
Tot Ion: 93 Resp: 182510

Ion Ratio Lower Upper

93 100

63 78.4 53.4 93.4

95 33.6 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 40.265 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

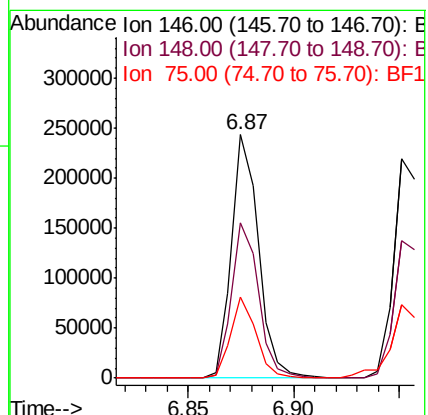
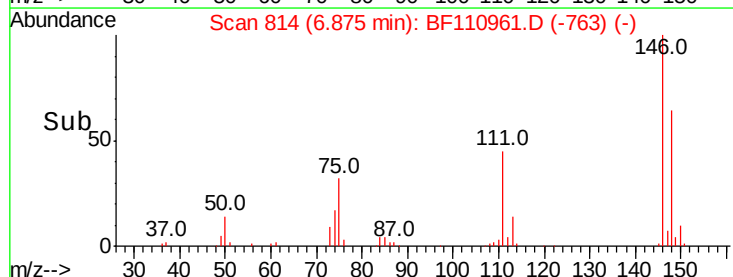
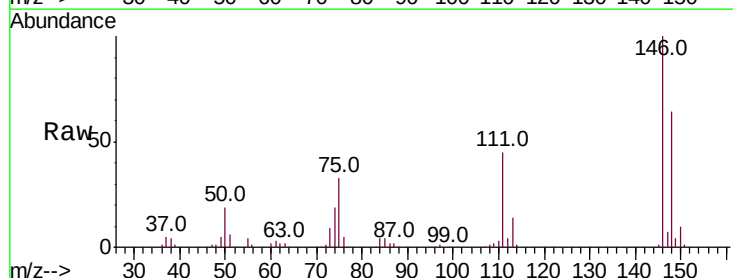
Tgt Ion: 146 Resp: 214879

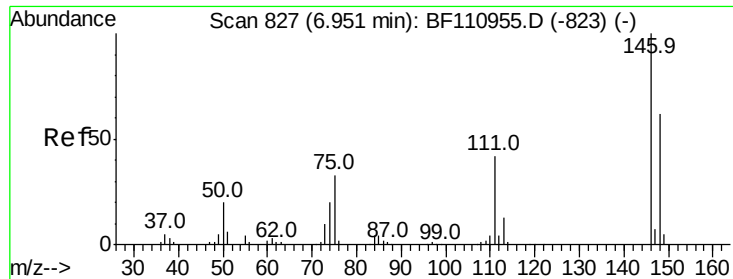
Ion Ratio Lower Upper

146 100

148 63.6 50.4 75.6

75 33.1 25.8 38.6

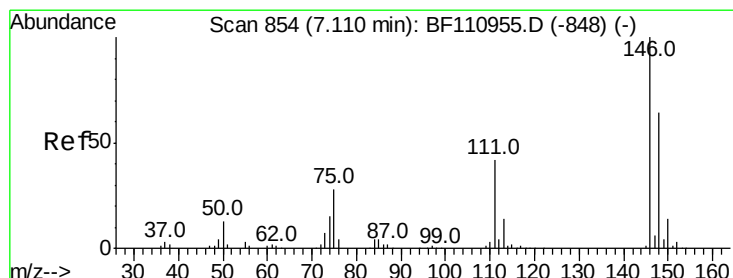
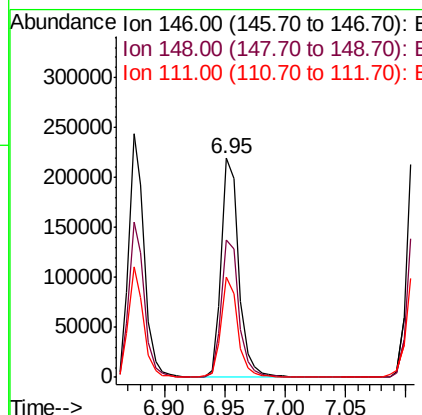
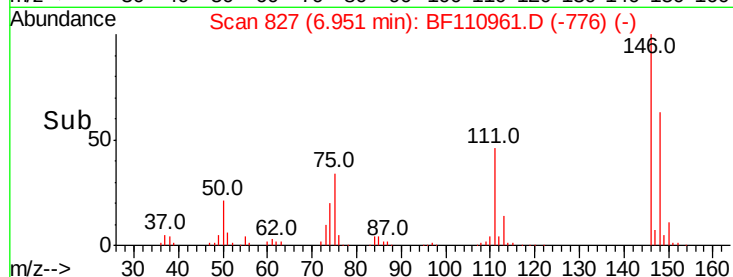
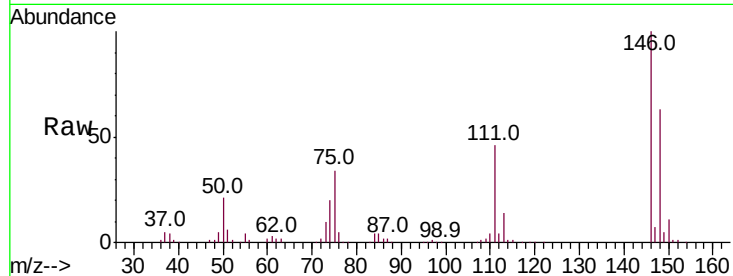




#13
 1,4-Dichlorobenzene
 Concen: 39.925 ng
 RT: 6.95 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

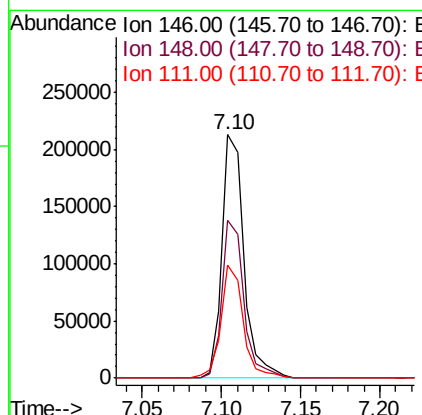
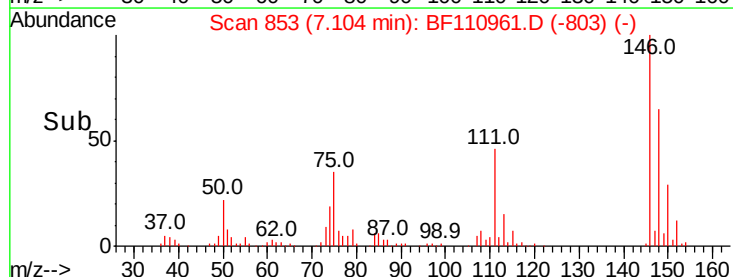
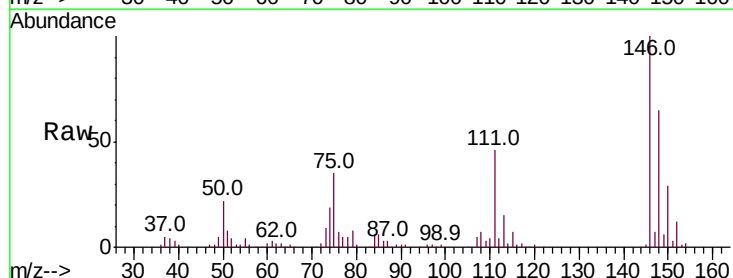
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

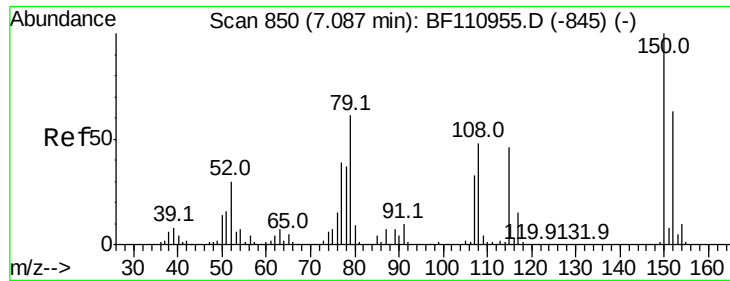
Tot Ion:146 Resp: 219101
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.3 75.5
 111 45.6 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 39.736 ng
 RT: 7.10 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion:146 Resp: 205241
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.1 76.7
 111 46.4 35.8 53.6

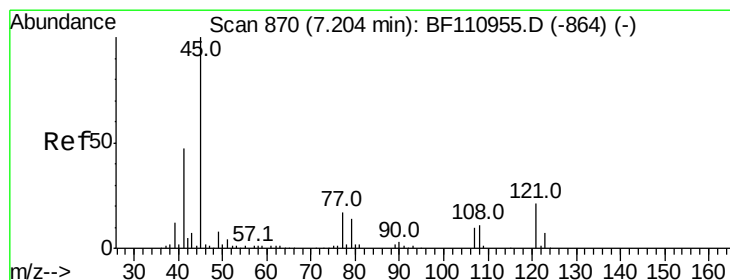
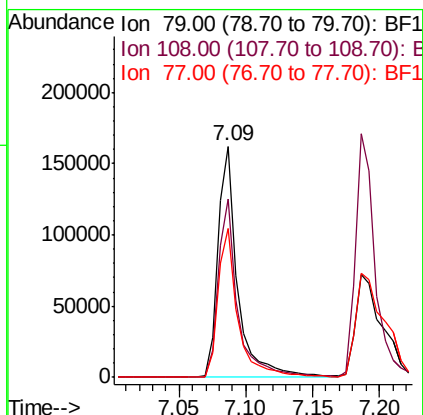
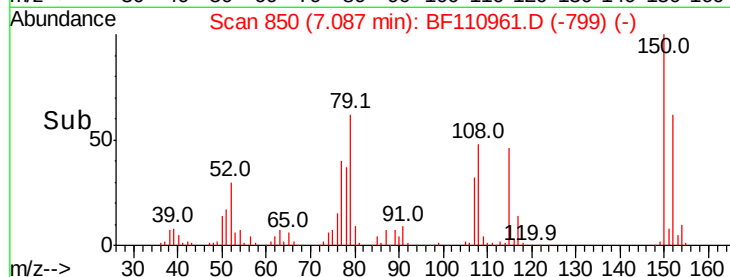
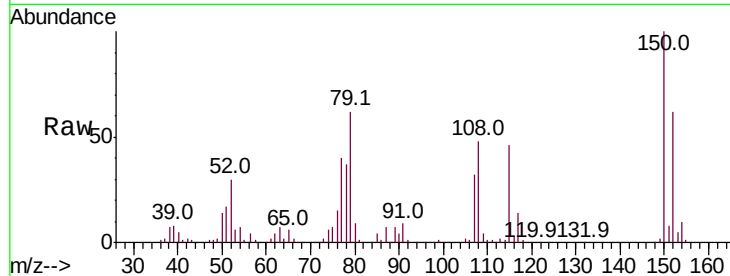




#15
Benzyl Alcohol
Concen: 41.332 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

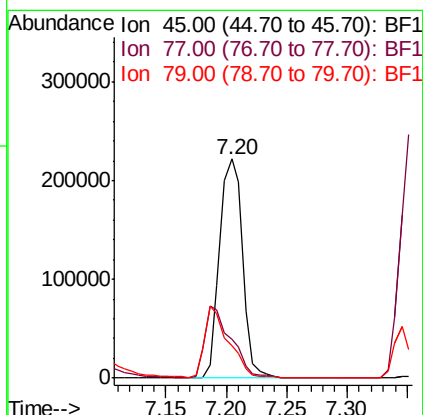
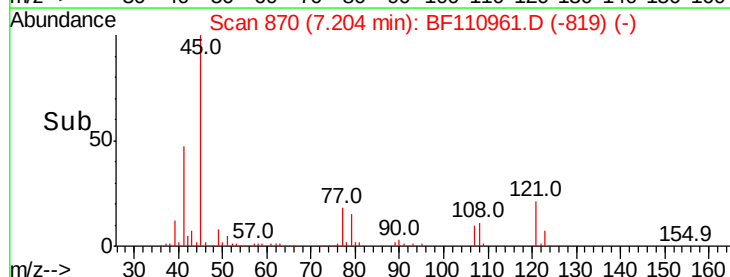
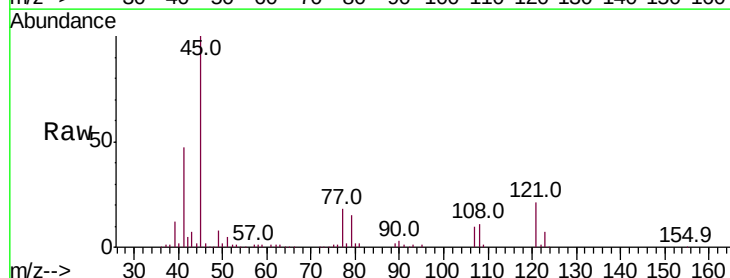
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

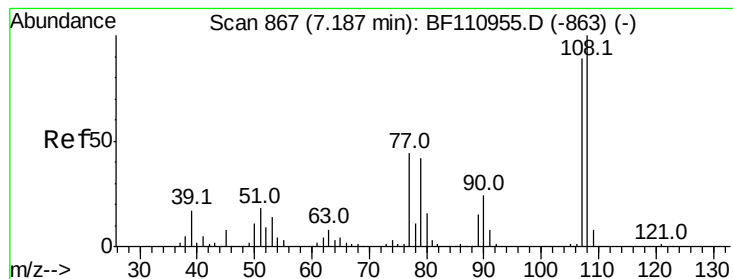
Tot Ion: 79 Resp: 169669
Ion Ratio Lower Upper
79 100
108 77.0 56.3 84.5
77 64.6 52.9 79.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.409 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Tgt Ion: 45 Resp: 291447
Ion Ratio Lower Upper
45 100
77 17.8 10.0 50.0
79 14.7 6.1 46.1

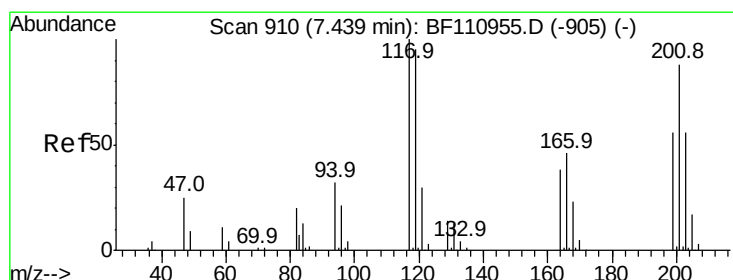
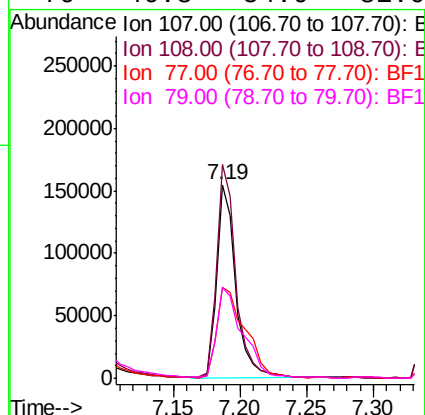
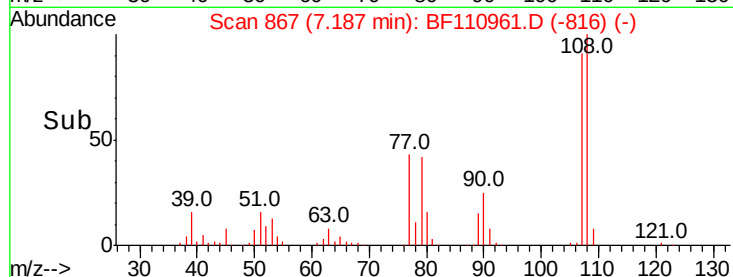
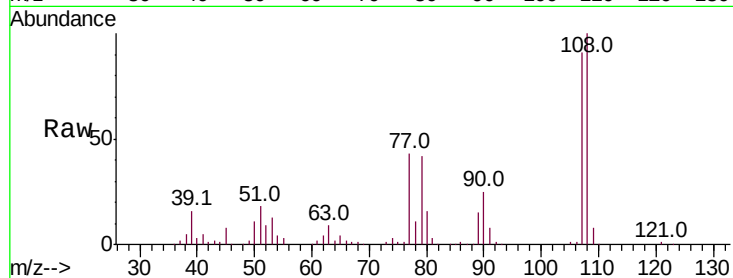




#17
2-Methylphenol
Concen: 40.364 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

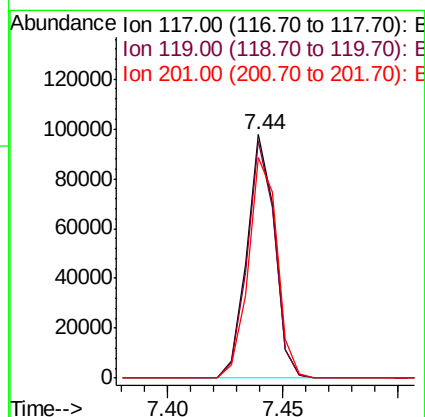
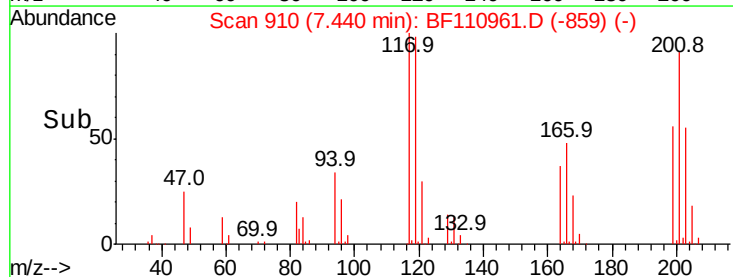
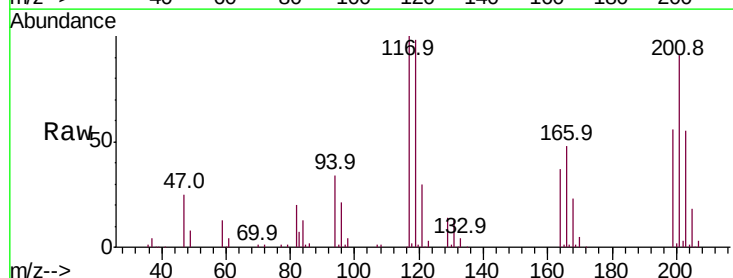
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

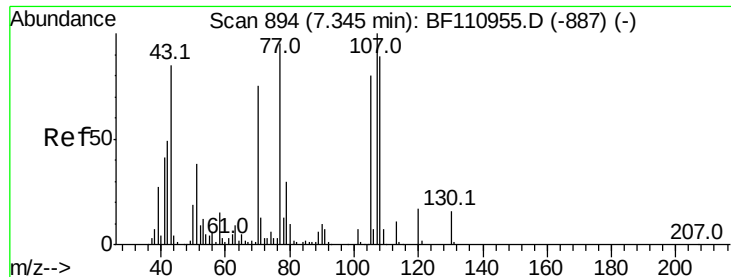
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.4	92.6	138.8
77	47.1	59.4	89.2#
79	46.8	54.0	81.0#



#18
Hexachloroethane
Concen: 40.769 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.0	112.6
201	90.5	79.2	118.8

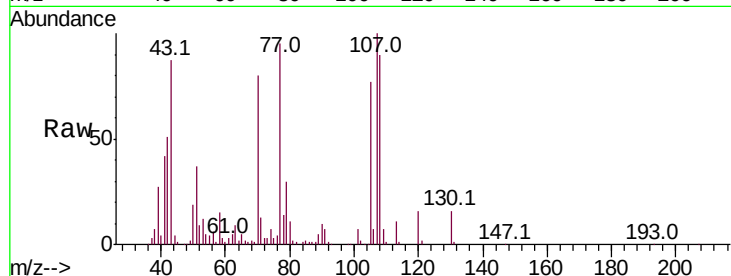




#19
n-Nitroso-di-n-propylamine
Concen: 41.110 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	143041
Ion	Ratio	Lower	Upper
70	100		
42	64.0	47.4	71.2
101	9.3	7.3	10.9
130	19.9	16.2	24.2



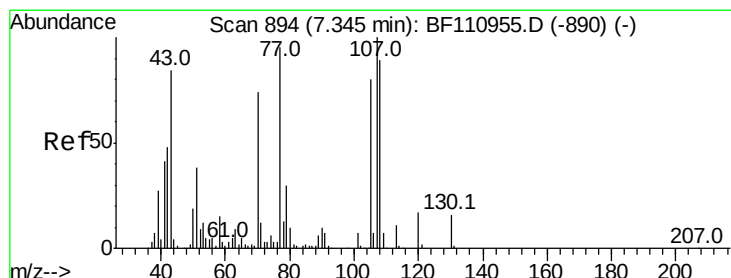
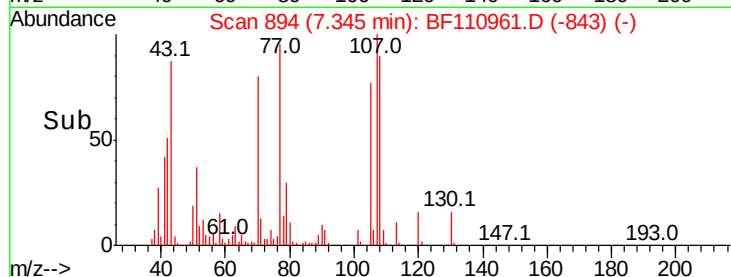
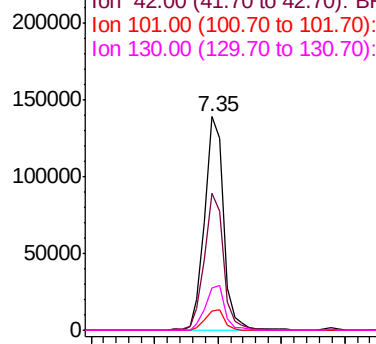
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

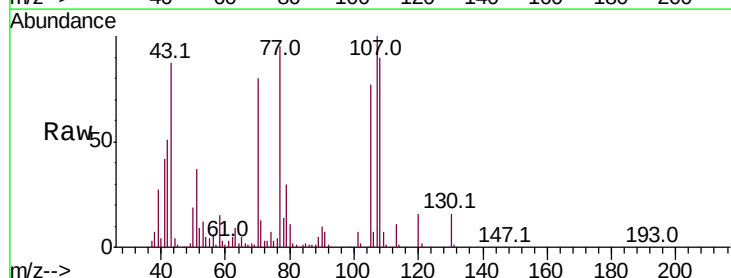
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 40.297 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Tgt Ion:	107	Resp:	206894
Ion	Ratio	Lower	Upper
107	100		
108	89.8	71.4	111.4
77	94.9	47.3	87.3#
79	30.2	10.9	50.9



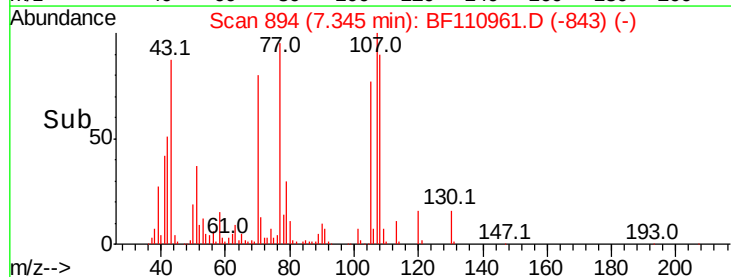
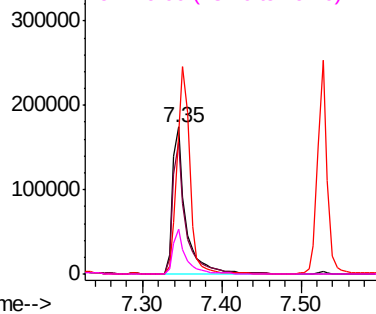
Abundance

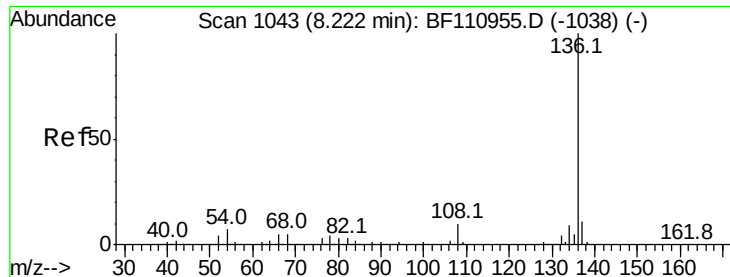
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 294461

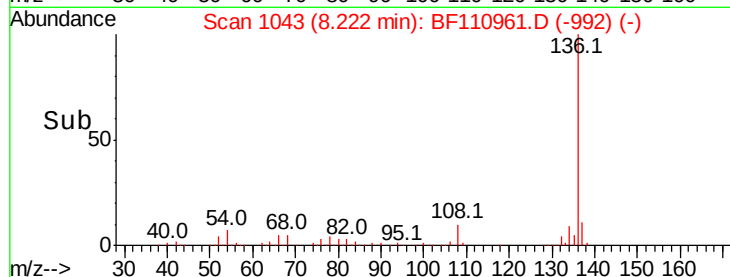
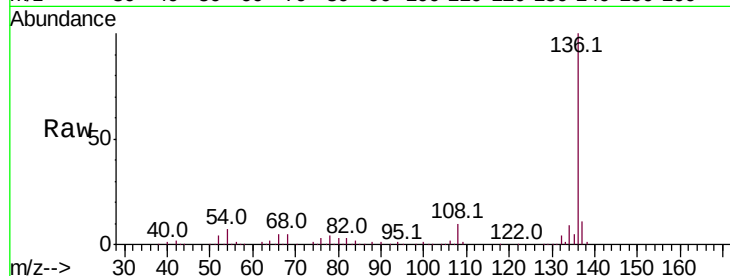
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.0 5.4 8.2

68 4.7 4.2 6.2

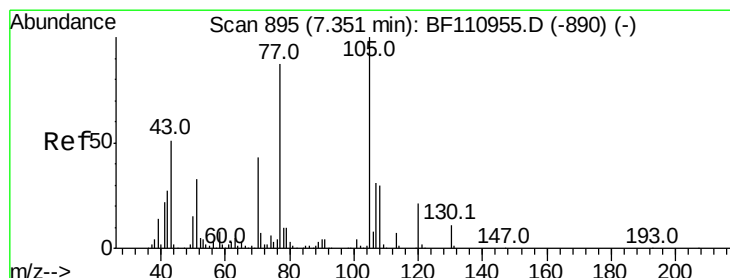
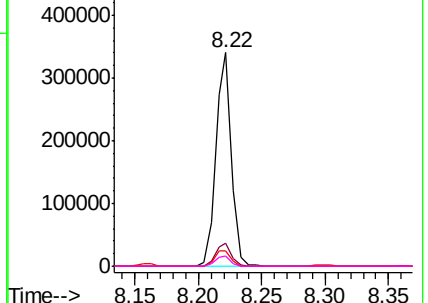


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.306 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Tgt Ion:105 Resp: 278195

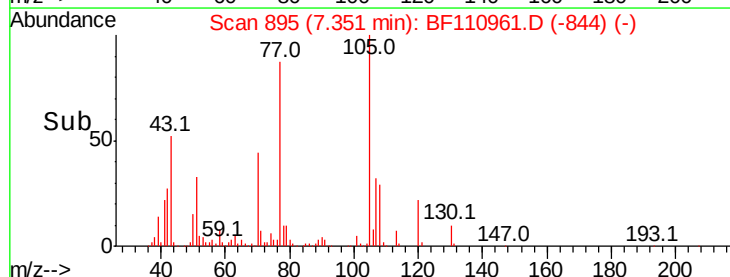
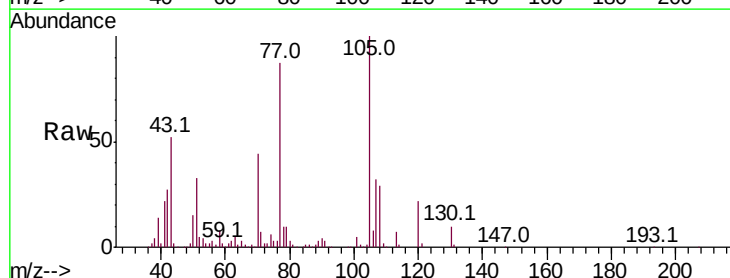
Ion Ratio Lower Upper

105 100

71 7.1 5.2 7.8

51 33.3 21.8 32.8#

120 22.0 17.0 25.4

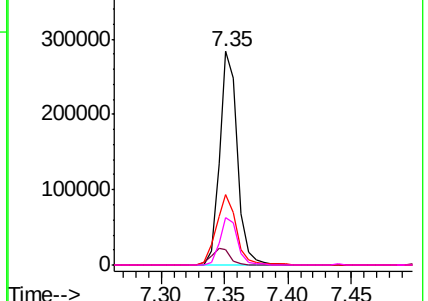


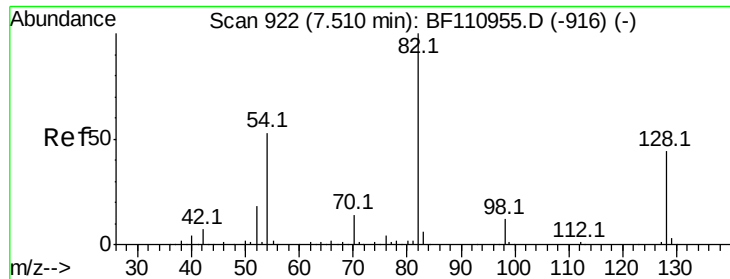
Abundance Ion 105.00 (104.70 to 105.70): E

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

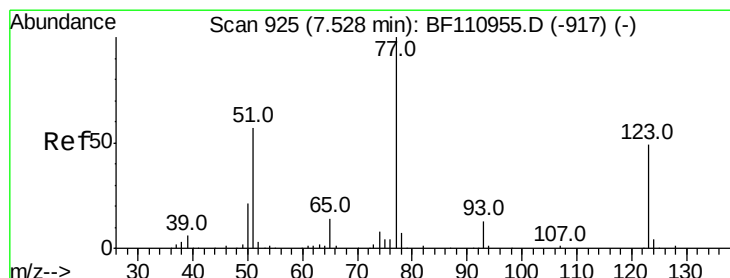
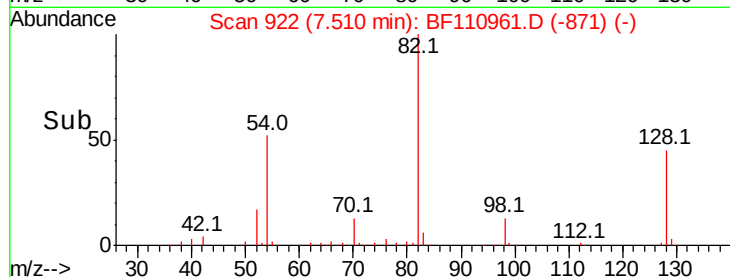
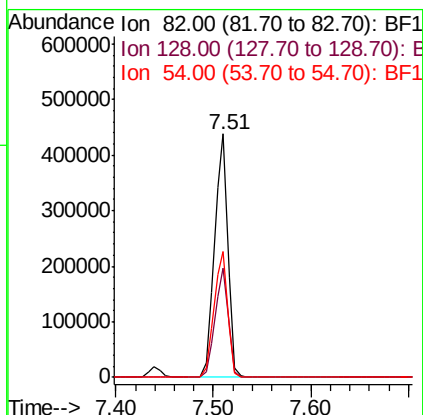
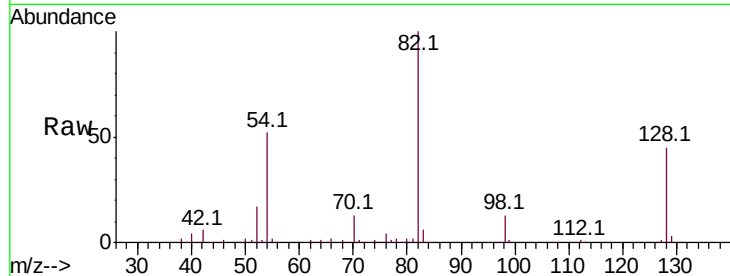




#23
 Nitrobenzene-d5
 Concen: 80.482 ng
 RT: 7.51 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

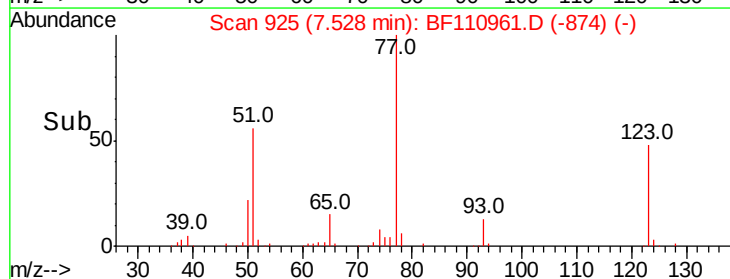
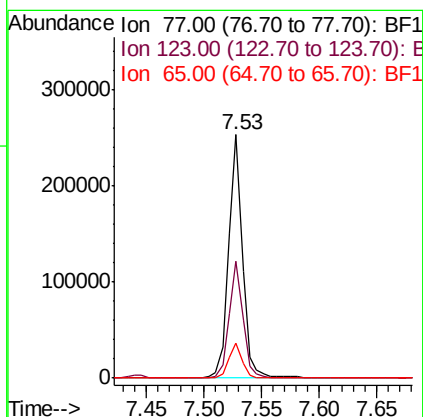
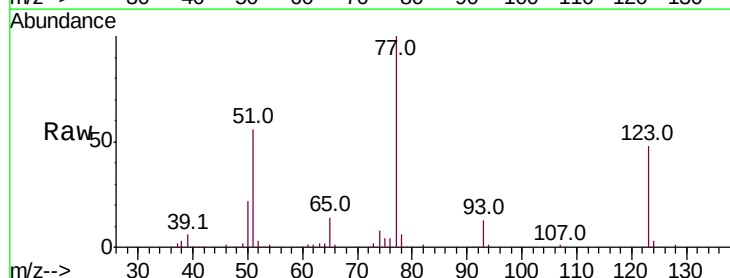
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

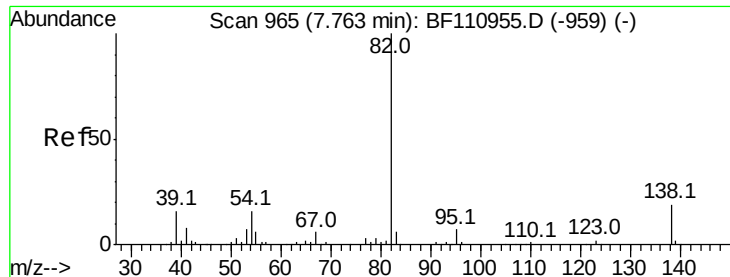
Tot Ion	82	Resp	414091
Ion Ratio	100	Lower	Upper
128	44.7	34.2	51.2
54	52.0	38.6	58.0



#24
 Nitrobenzene
 Concen: 39.462 ng
 RT: 7.53 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion	77	Resp	211143
Ion Ratio	100	Lower	Upper
123	48.1	35.7	53.5
65	14.4	10.7	16.1





#25

Isophorone

Concen: 40.185 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

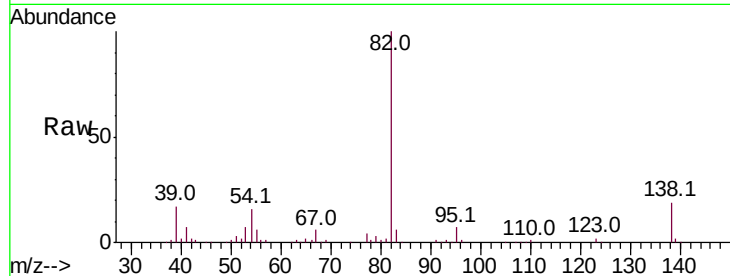
Tot Ion: 82 Resp: 339153

Ion Ratio Lower Upper

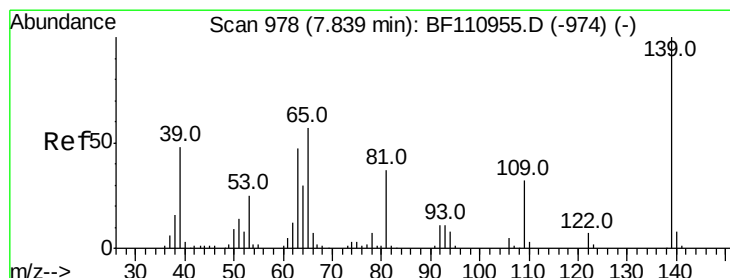
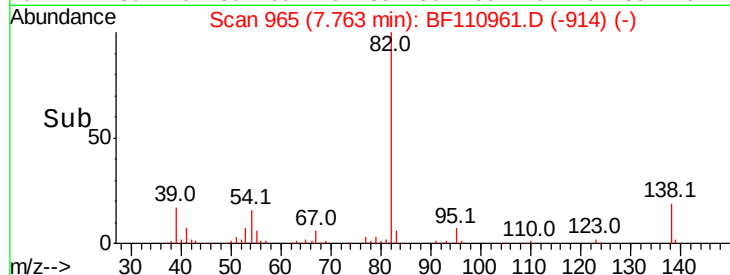
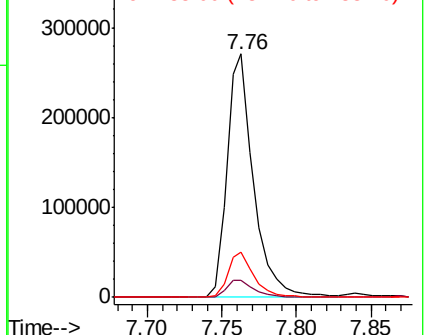
82 100

95 7.3 5.7 8.5

138 18.5 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 41.853 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

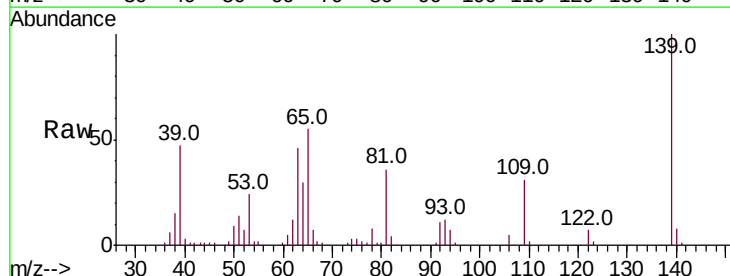
Tgt Ion: 139 Resp: 108796

Ion Ratio Lower Upper

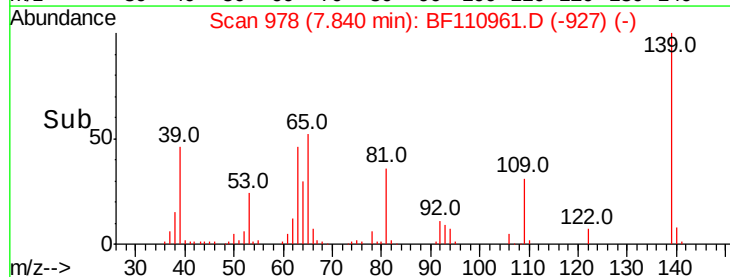
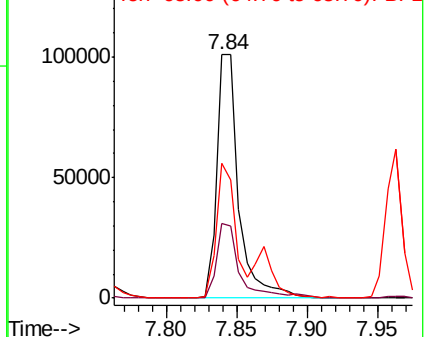
139 100

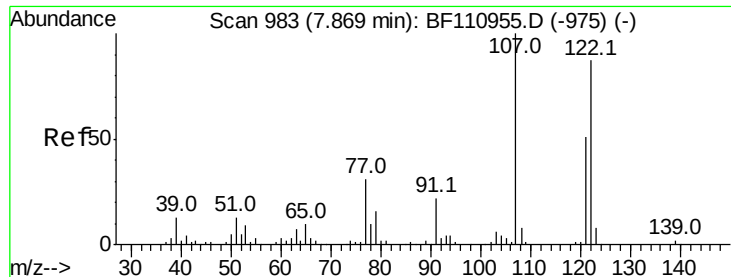
109 30.7 25.0 37.6

65 55.5 44.0 66.0



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

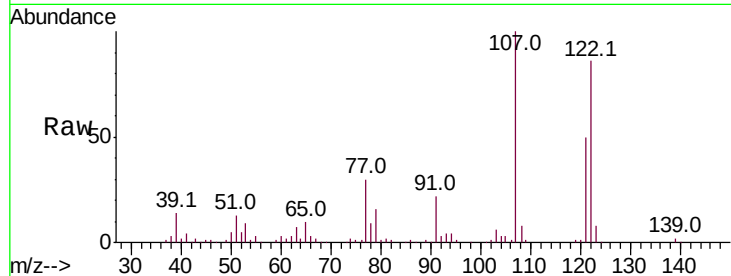




#27
 2,4-Dimethylphenol
 Concen: 40.997 ng
 RT: 7.87 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.6	92.5	138.7
121	58.1	45.8	68.8

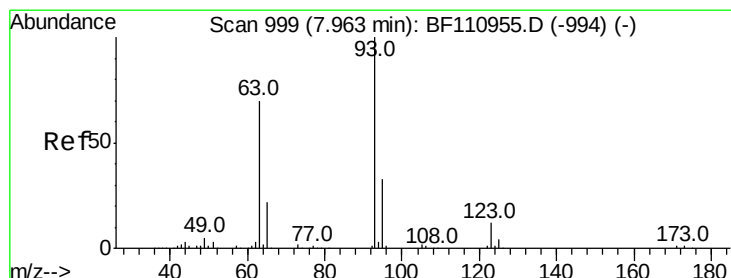
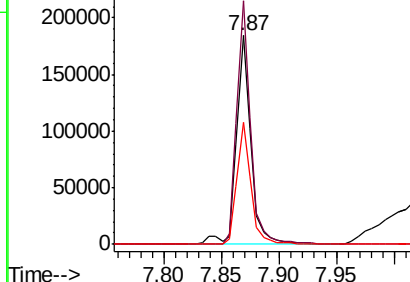
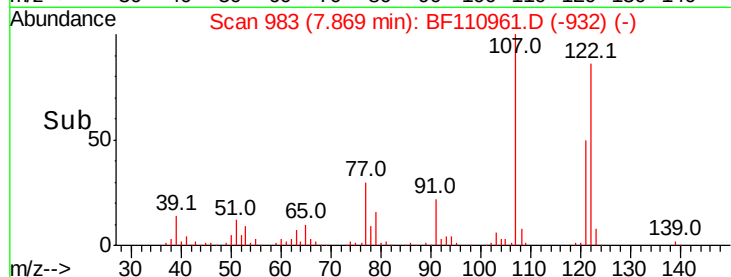


Abundance

Ion 122.00 (121.70 to 122.70): E

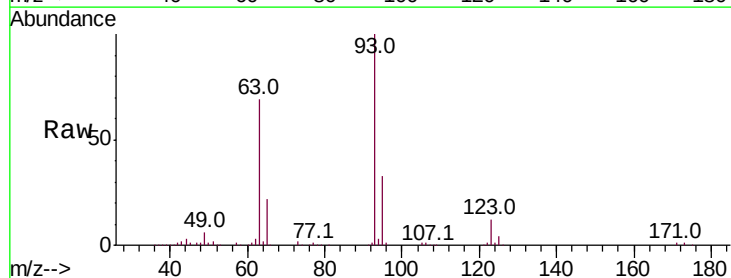
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.480 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.4	39.6
123	12.0	9.0	13.6

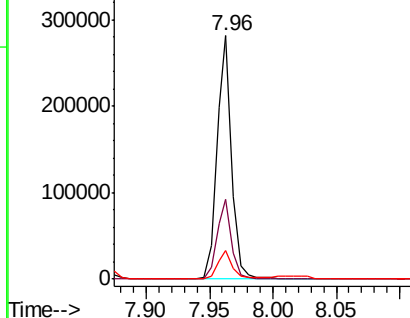
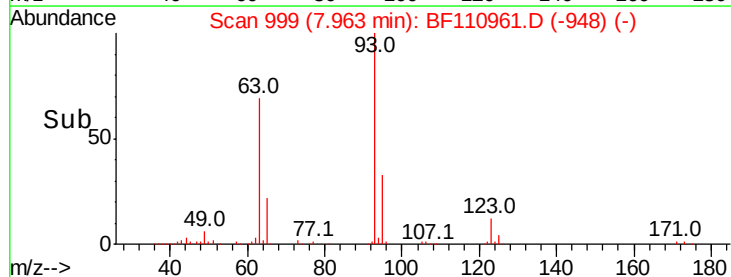


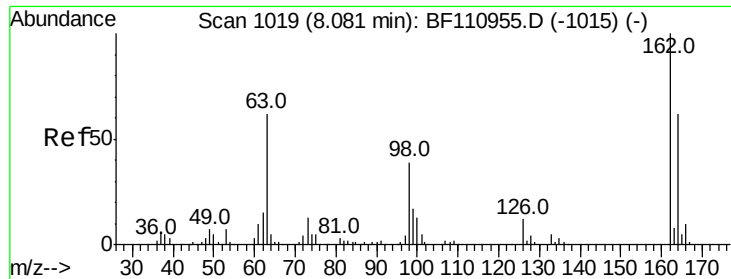
Abundance

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

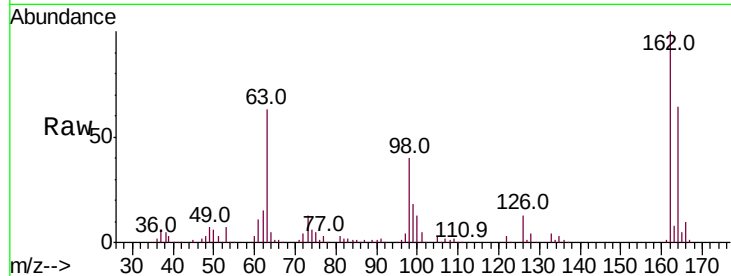




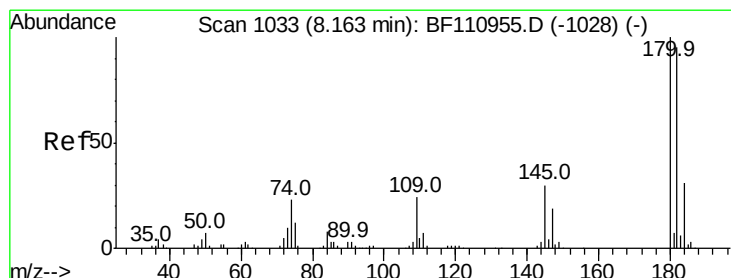
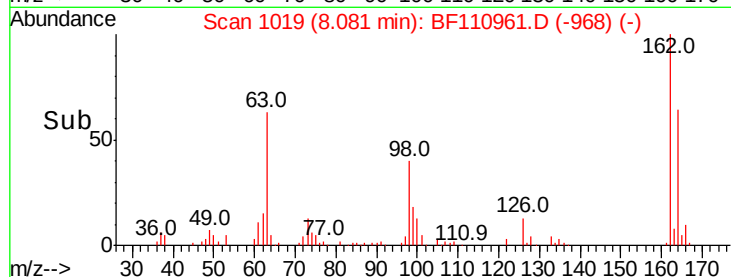
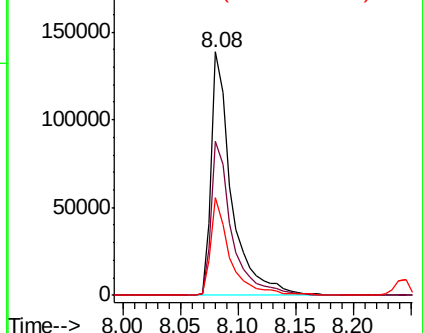
#29
 2,4-Dichlorophenol
 Concen: 41.193 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.6	84.6
98	40.0	17.4	57.4

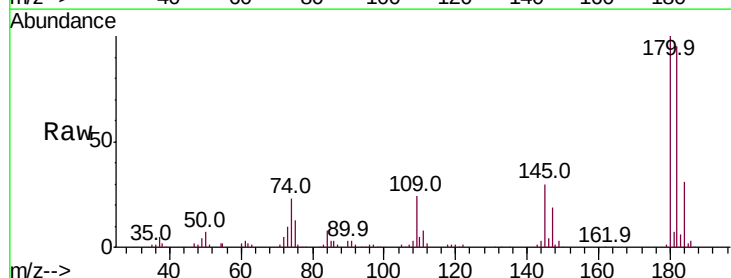


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

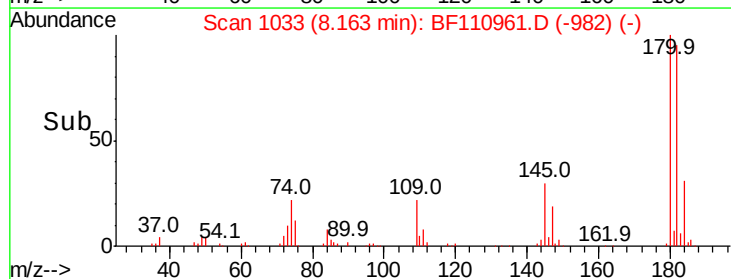
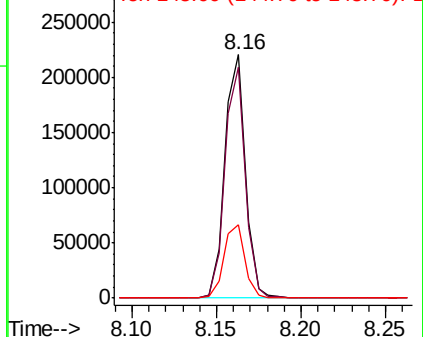


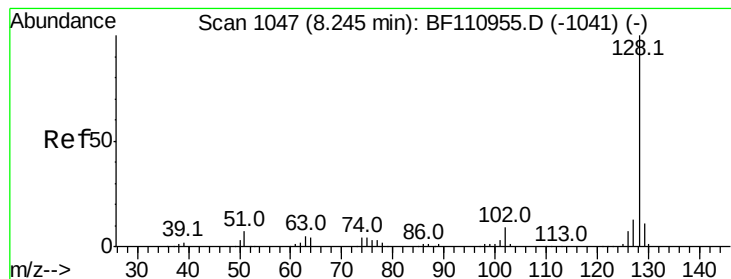
#30
 1,2,4-Trichlorobenzene
 Concen: 40.525 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	80.3	120.5
145	29.9	25.4	38.0



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





#31

Naphthalene

Concen: 39.681 ng

RT: 8.25 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

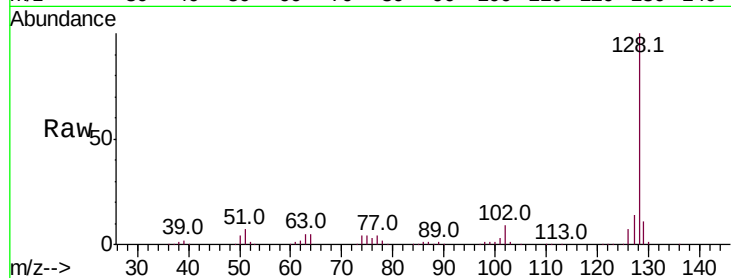
Tot Ion:128 Resp: 547721

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

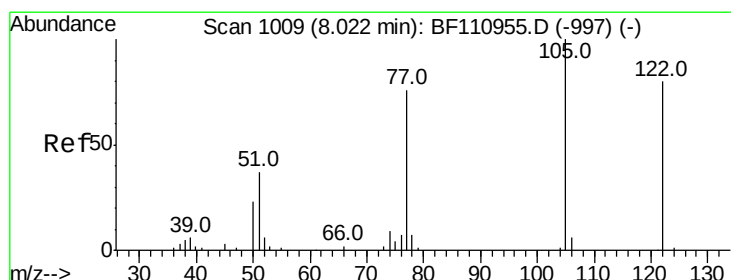
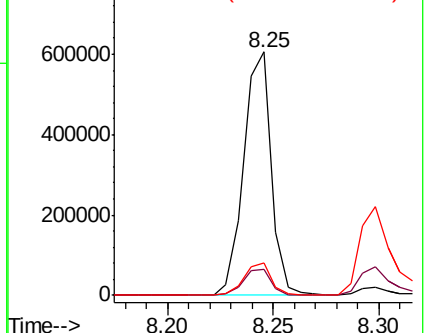
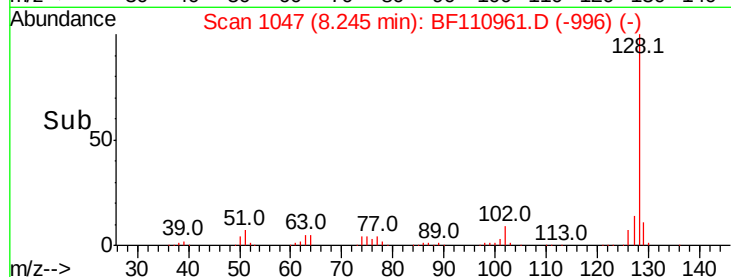
127 13.6 10.8 16.2



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: 40.489 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

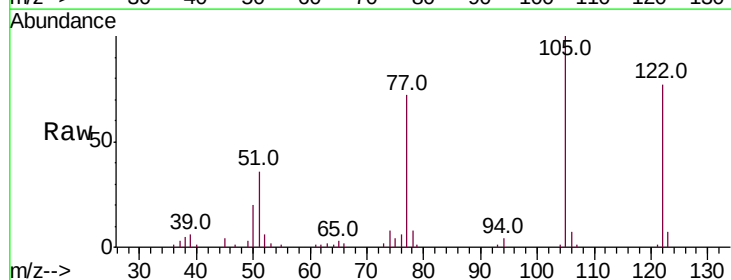
Tgt Ion:122 Resp: 118172

Ion Ratio Lower Upper

122 100

105 129.7 109.0 149.0

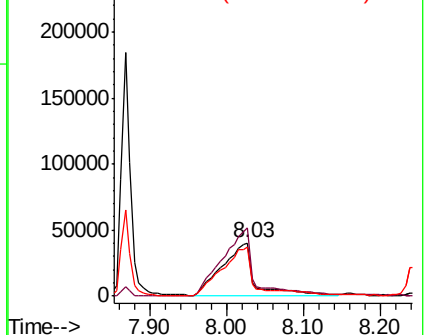
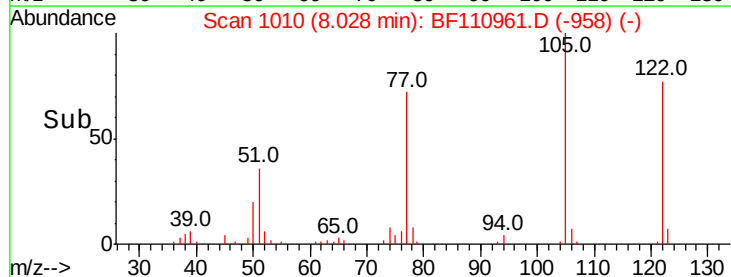
77 93.0 79.0 119.0

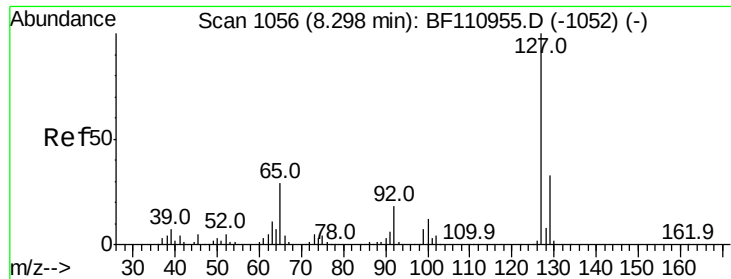


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

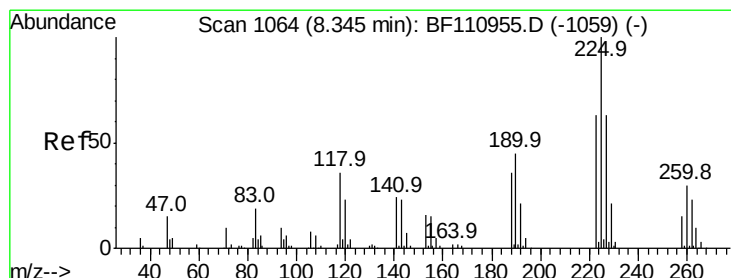
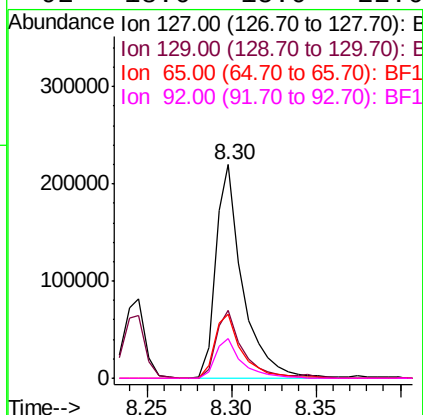
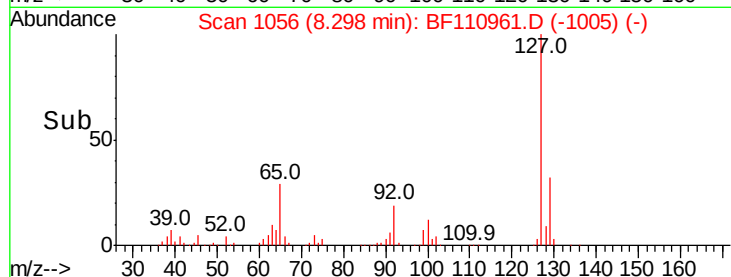
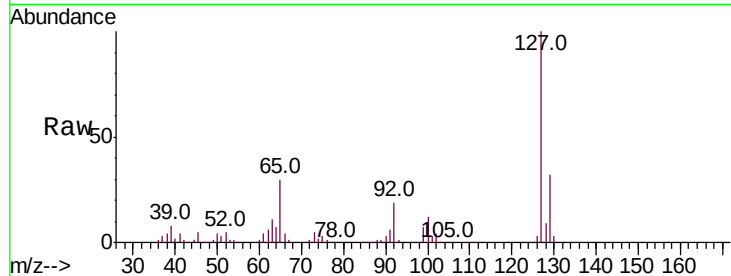




#33
4-Chloroaniline
Concen: 41.009 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

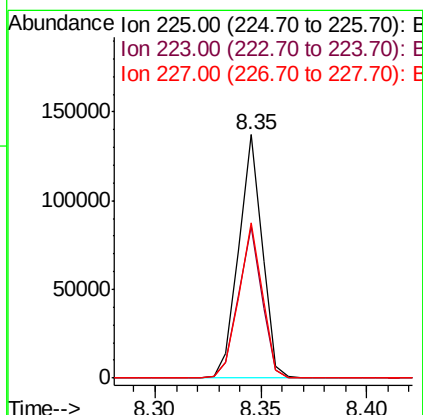
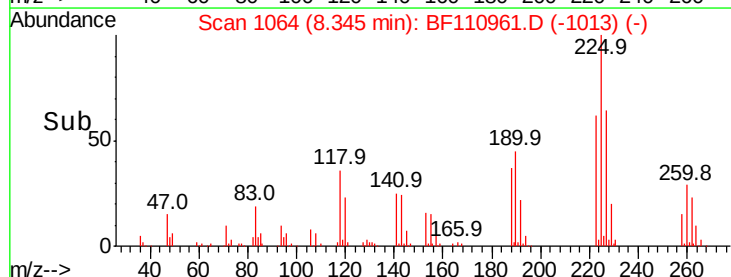
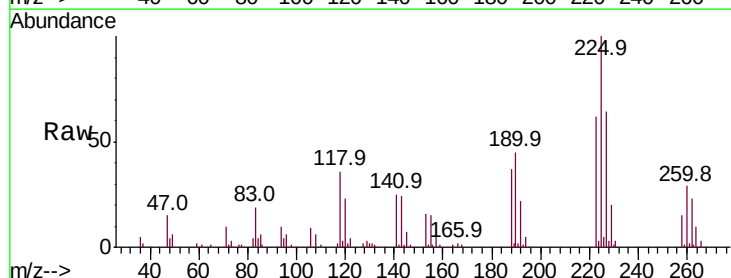
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

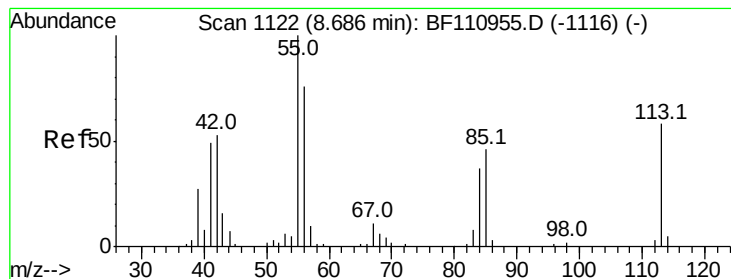
Tot Ion:	127	Resp:	240926
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.0	39.0
65	29.9	25.1	37.7
92	18.6	15.0	22.6



#34
Hexachlorobutadiene
Concen: 40.227 ng
RT: 8.35 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Tgt Ion:	225	Resp:	105479
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.4	77.2
227	63.8	51.0	76.6





#35

Caprolactam

Concen: 40.874 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

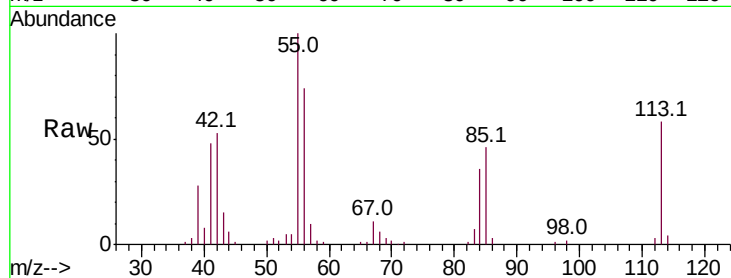
Tot Ion:113 Resp: 57324

Ion Ratio Lower Upper

113 100

55 172.6 142.8 182.8

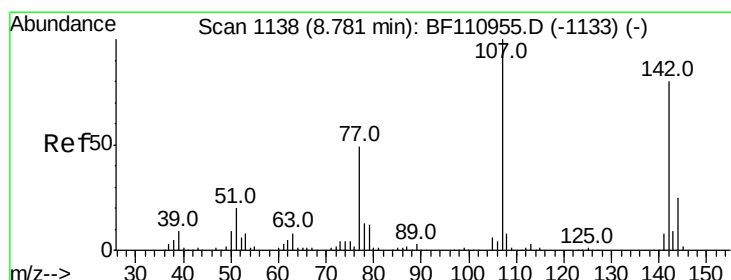
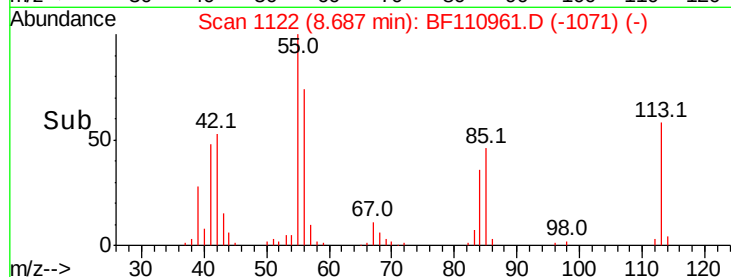
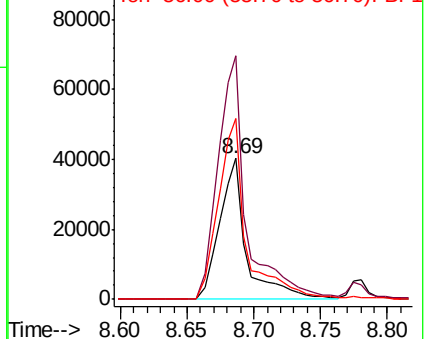
56 128.4 105.0 145.0



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: 40.470 ng

RT: 8.78 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

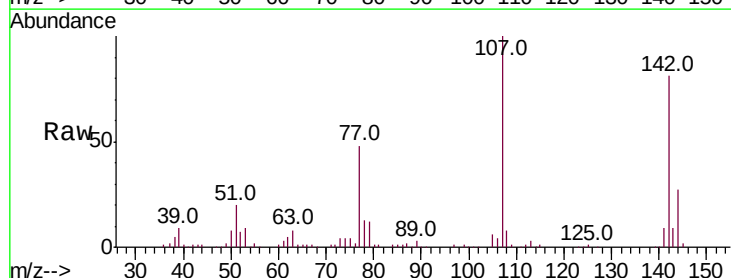
Tgt Ion:107 Resp: 184715

Ion Ratio Lower Upper

107 100

144 26.5 20.0 30.0

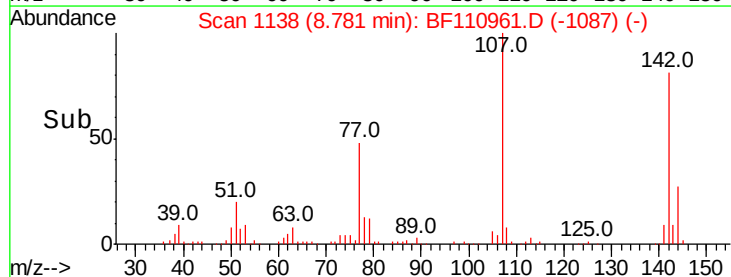
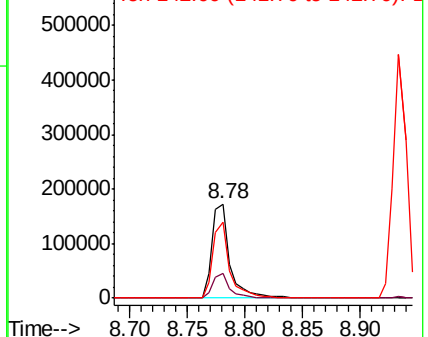
142 81.0 59.7 89.5

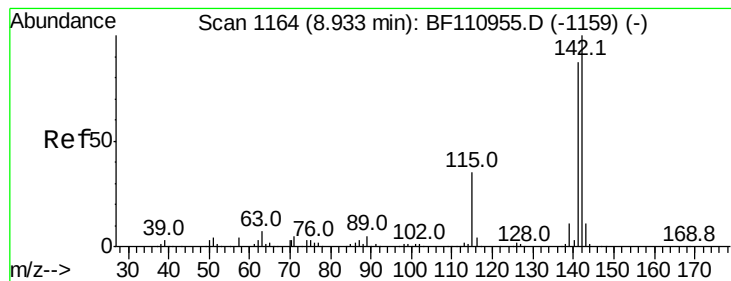


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

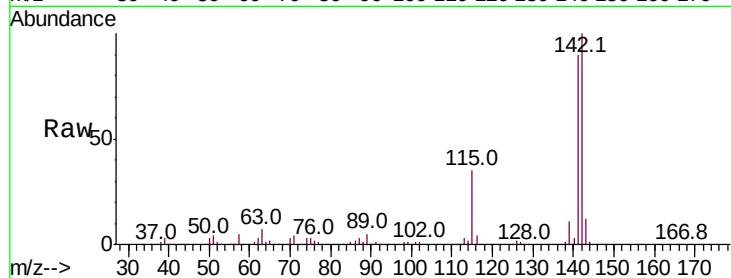




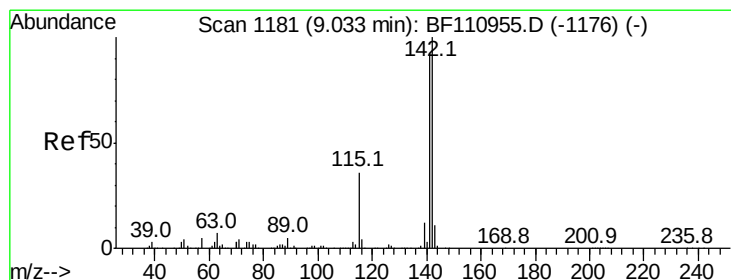
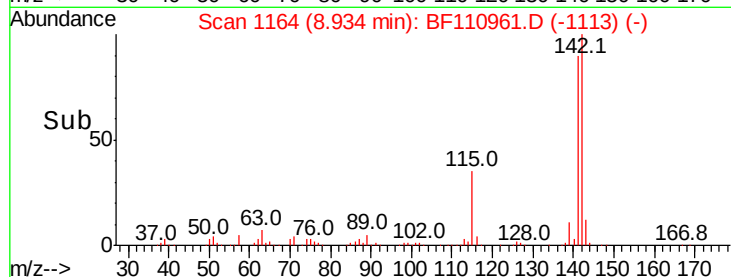
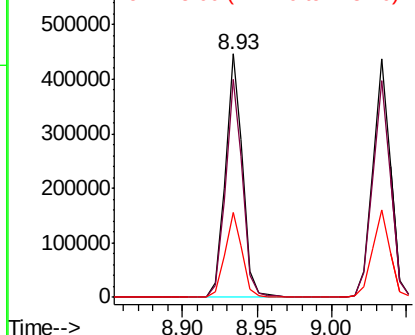
#37
 2-Methylnaphthalene
 Concen: 39.939 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2
115	35.1	28.7	43.1

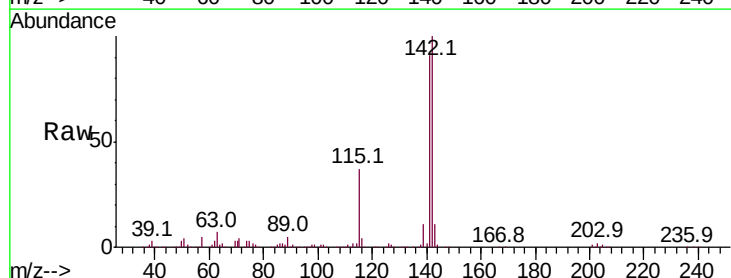


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

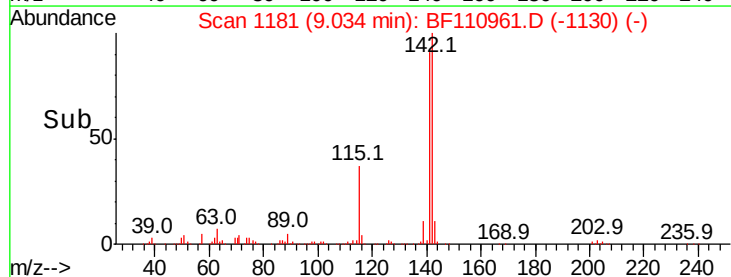
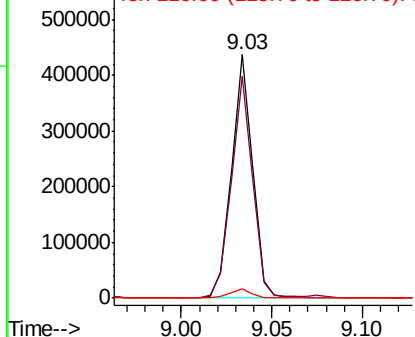


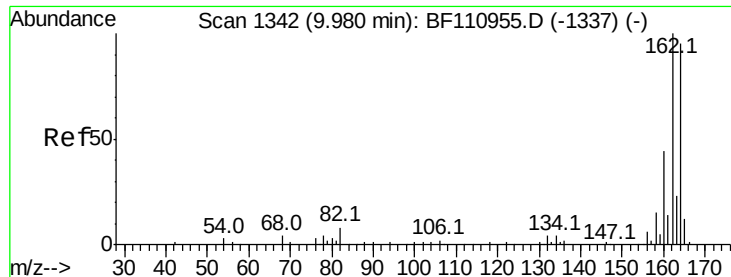
#38
 1-Methylnaphthalene
 Concen: 39.989 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.2	111.4
116	3.7	2.6	4.0



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

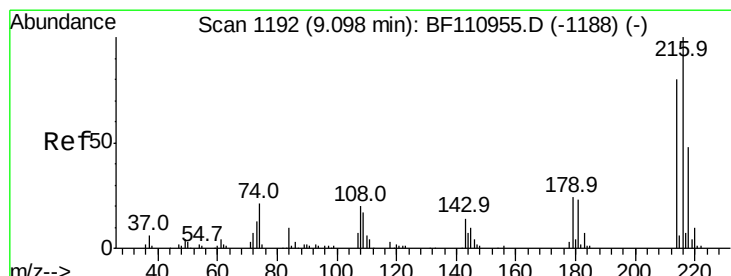
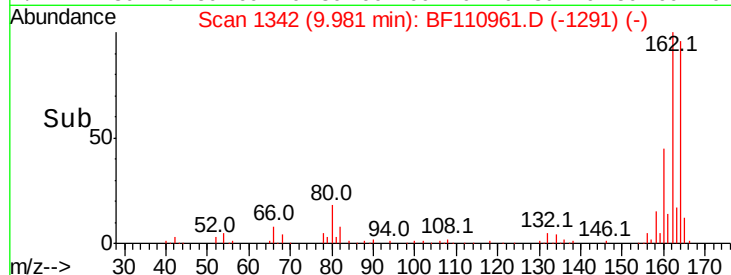
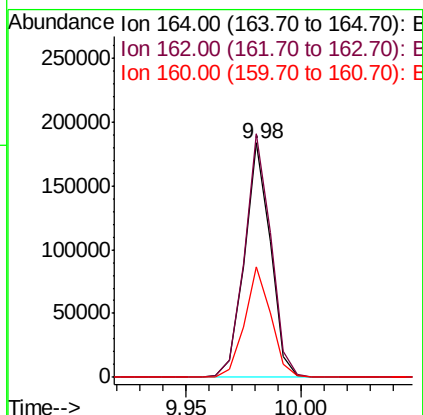
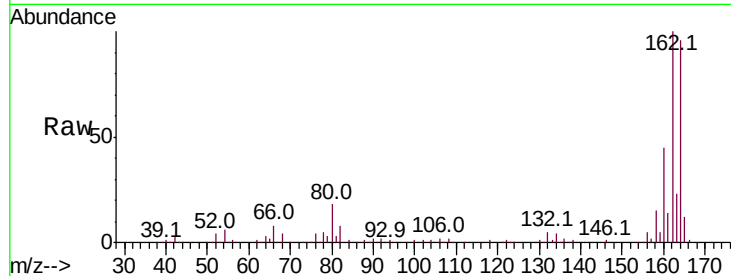




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

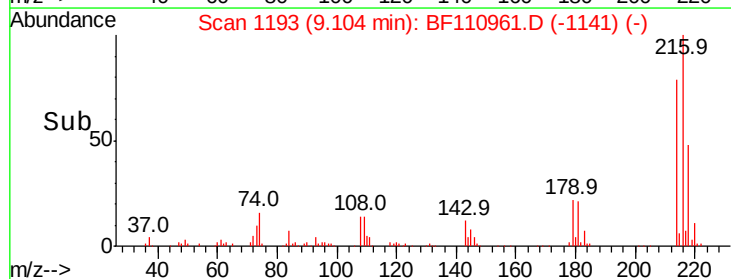
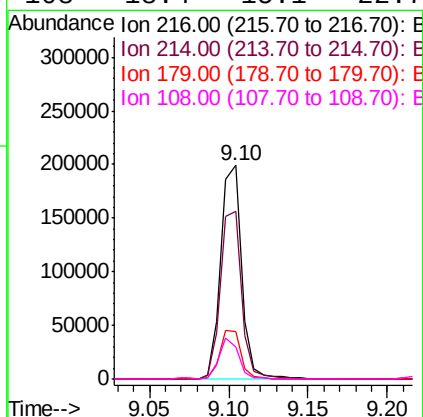
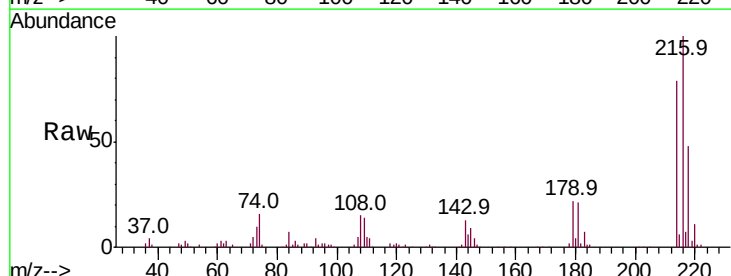
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

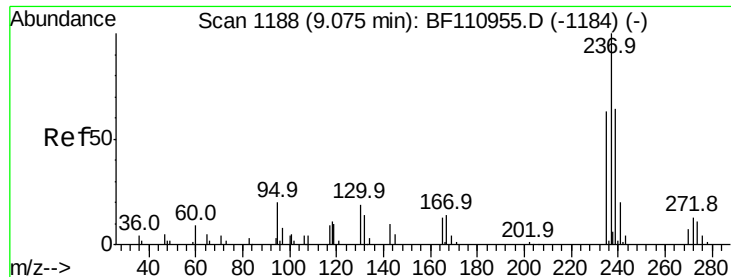
Tot Ion:164 Resp: 144589
 Ion Ratio Lower Upper
 164 100
 162 103.8 83.0 124.6
 160 47.1 37.0 55.6



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.139 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion:216 Resp: 182570
 Ion Ratio Lower Upper
 216 100
 214 79.5 63.8 95.6
 179 23.1 16.6 25.0
 108 18.4 15.1 22.7

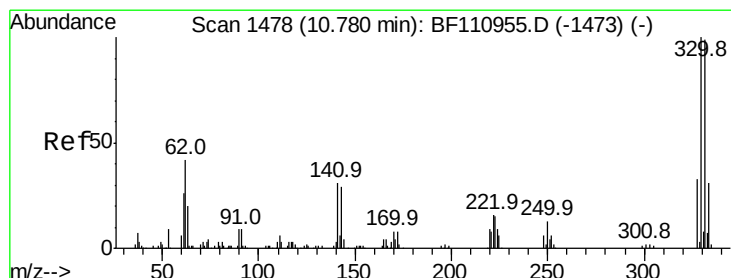
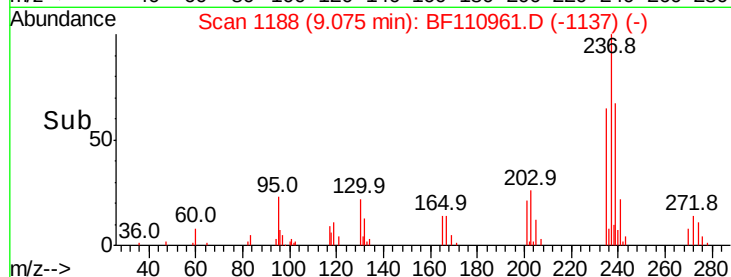
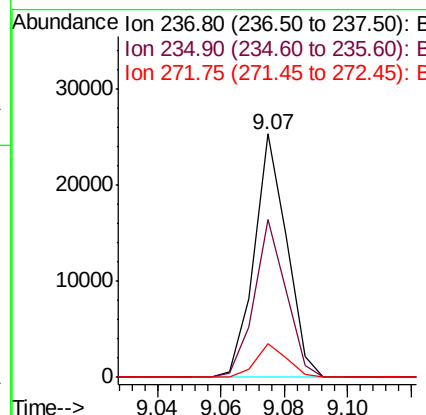
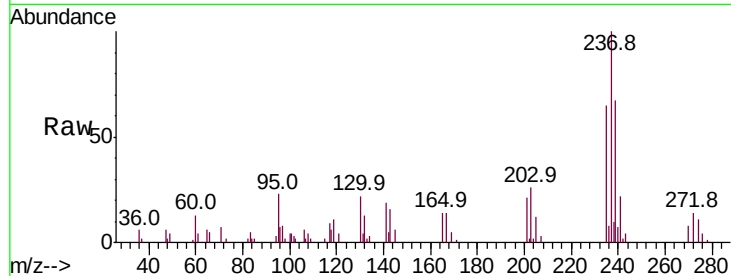




#41
Hexachlorocyclopentadiene
Concen: 40.454 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

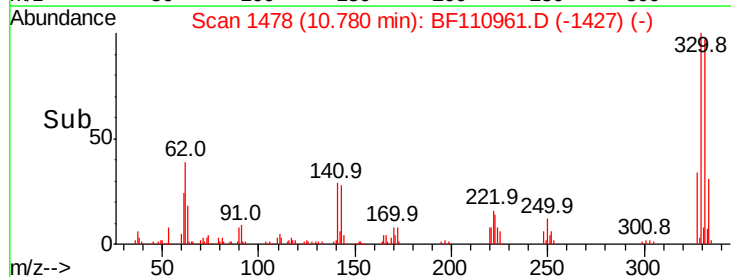
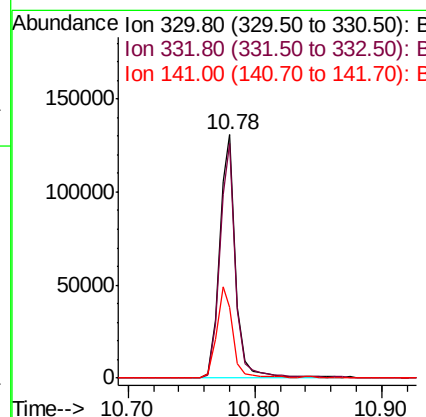
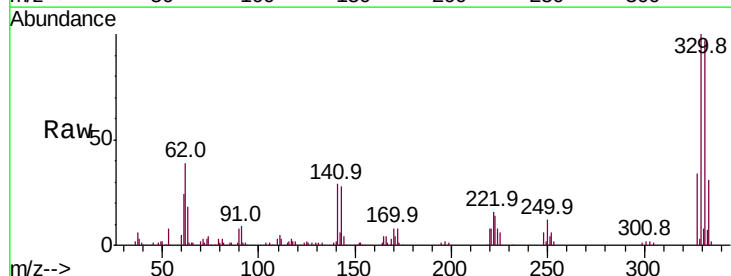
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

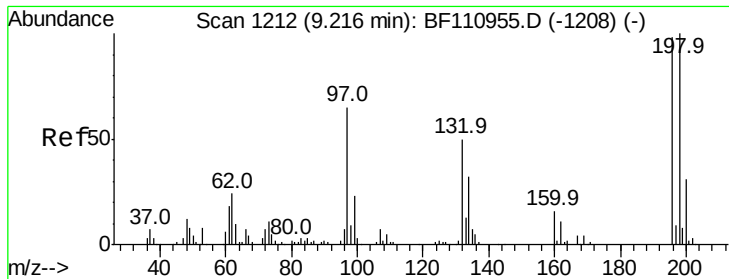
Tot Ion:237 Resp: 18062
Ion Ratio Lower Upper
237 100
235 65.0 43.1 83.1
272 13.6 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 82.334 ng
RT: 10.78 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Tgt Ion:330 Resp: 118228
Ion Ratio Lower Upper
330 100
332 94.7 77.1 115.7
141 37.8 27.0 40.4

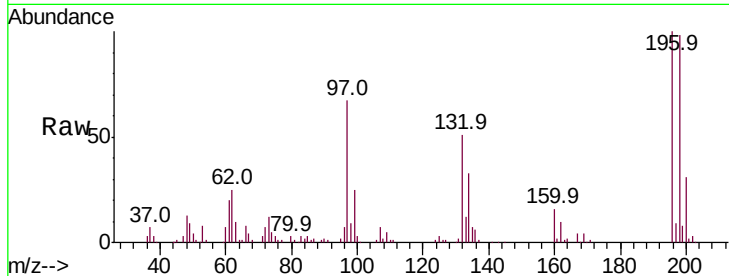




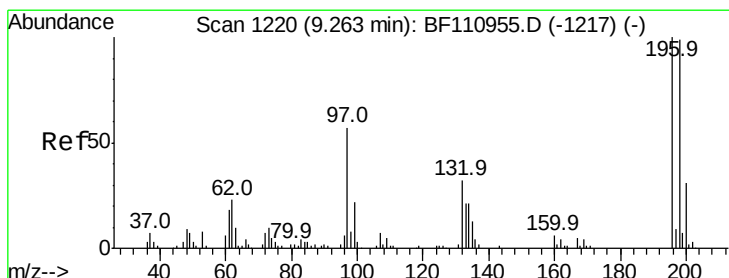
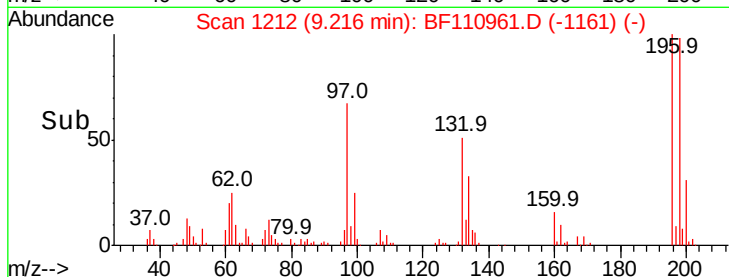
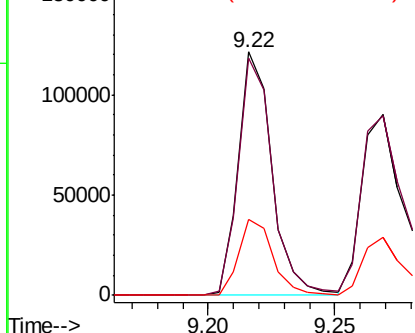
#43
 2,4,6-Trichlorophenol
 Concen: 41.371 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 112385
 Ion Ratio Lower Upper
 196 100
 198 97.5 76.2 114.4
 200 31.3 24.4 36.6



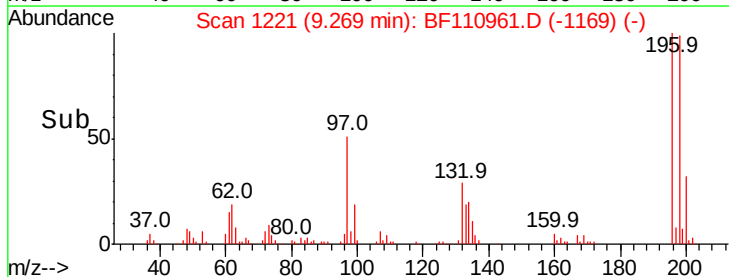
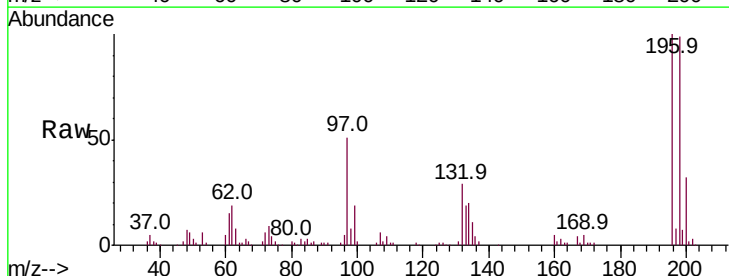
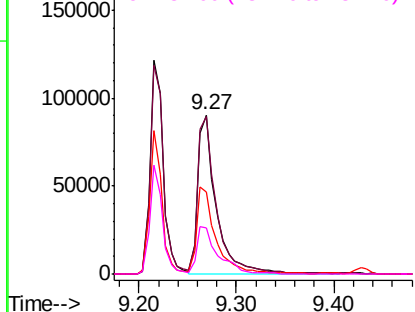
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

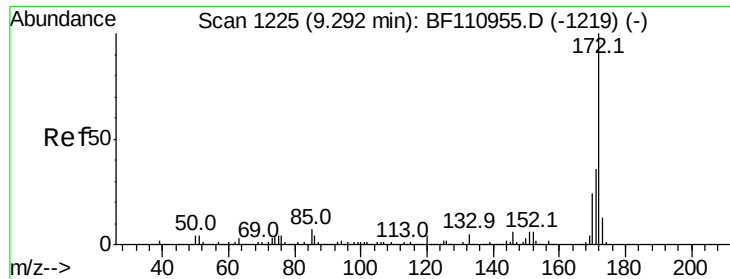


#44
 2,4,5-Trichlorophenol
 Concen: 41.356 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.01 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion:196 Resp: 118292
 Ion Ratio Lower Upper
 196 100
 198 99.2 75.8 113.6
 97 51.1 42.4 63.6
 132 29.3 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

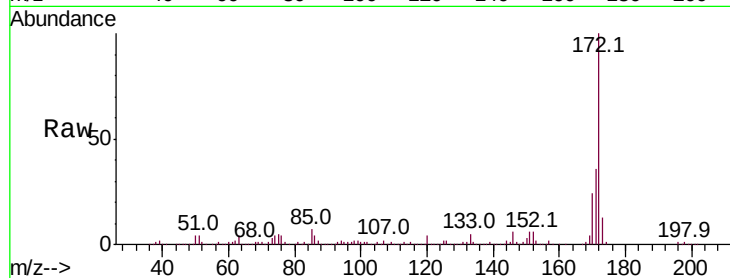




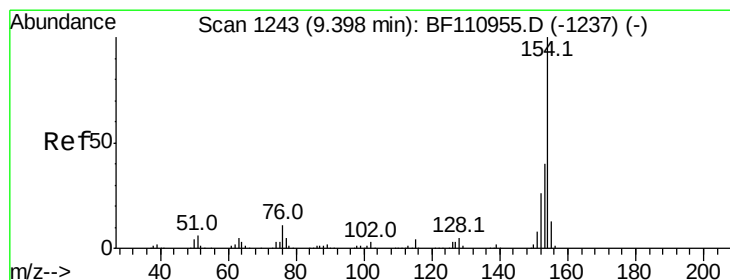
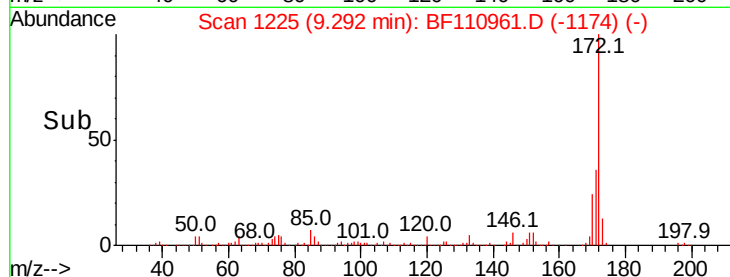
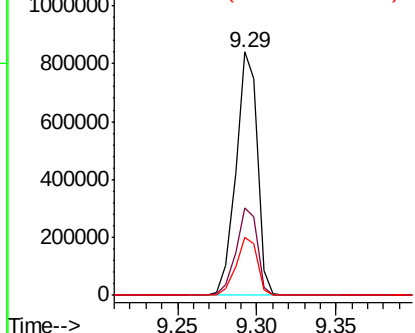
#45
2-Fluorobiphenyl
Concen: 78.641 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 784847
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.6 19.7 29.5

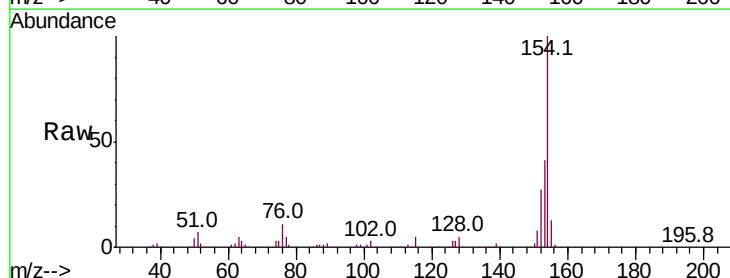


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

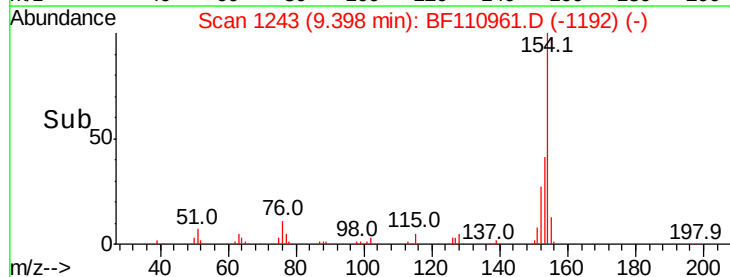
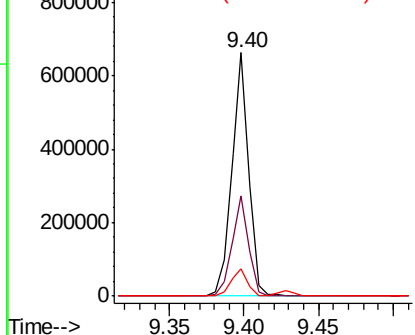


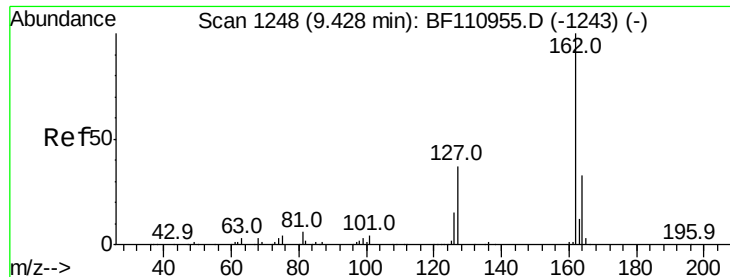
#46
1,1'-Biphenyl
Concen: 39.787 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Tgt Ion:154 Resp: 530376
Ion Ratio Lower Upper
154 100
153 41.1 20.4 60.4
76 11.1 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

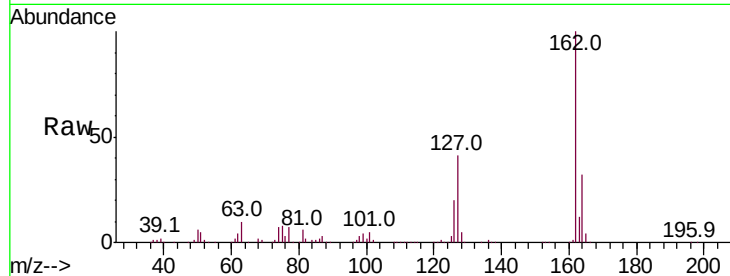




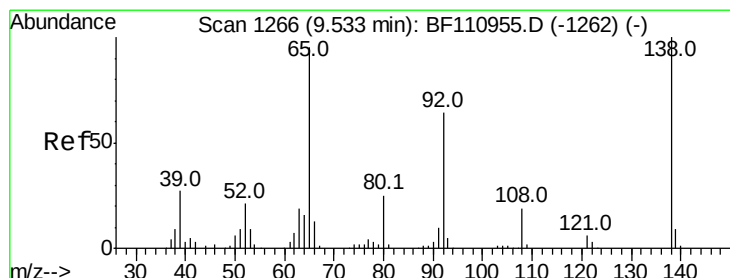
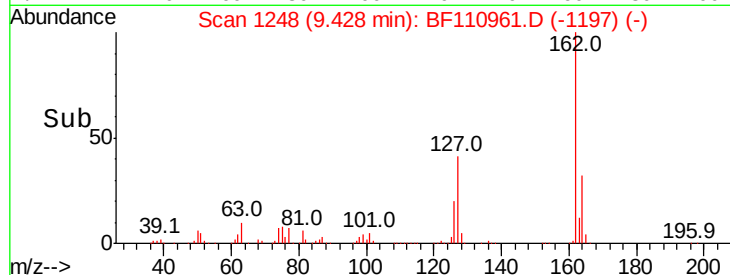
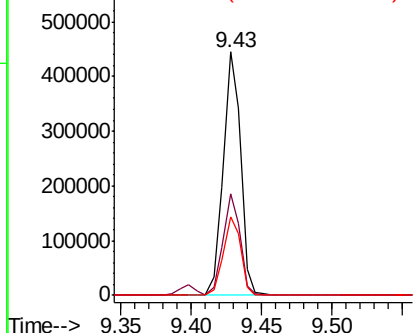
#47
 2-Chloronaphthalene
 Concen: 39.495 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	32.6	48.8
164	32.0	25.9	38.9

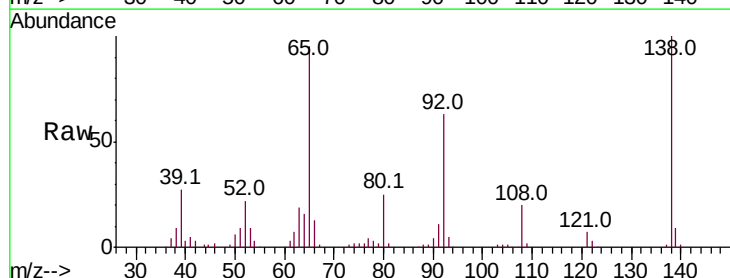


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

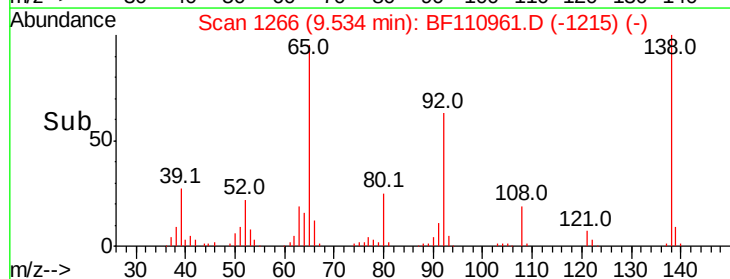
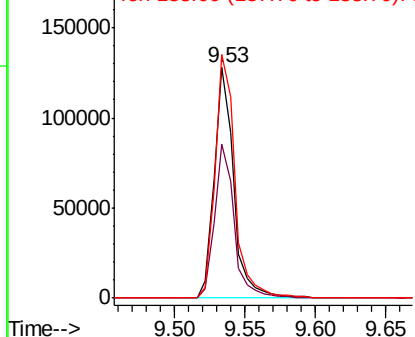


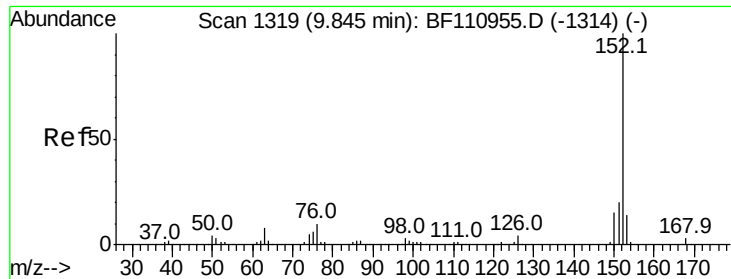
#48
 2-Nitroaniline
 Concen: 40.538 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.1	54.6	81.8
138	105.7	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: 39.836 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

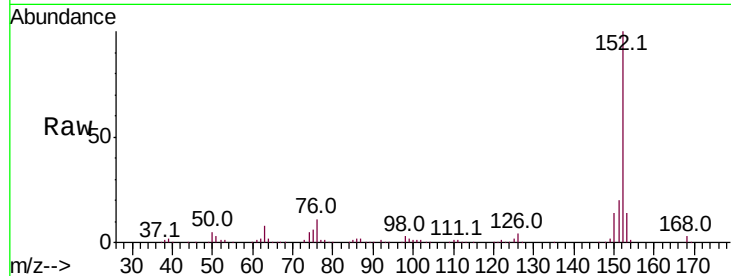
Tot Ion:152 Resp: 547496

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

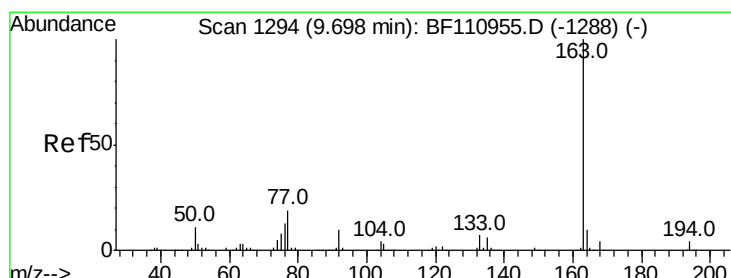
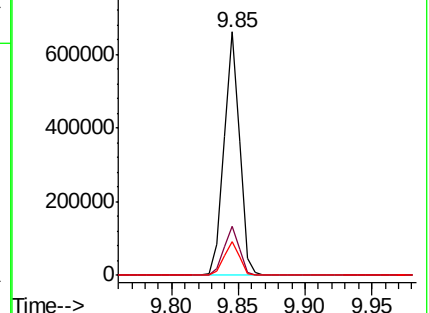
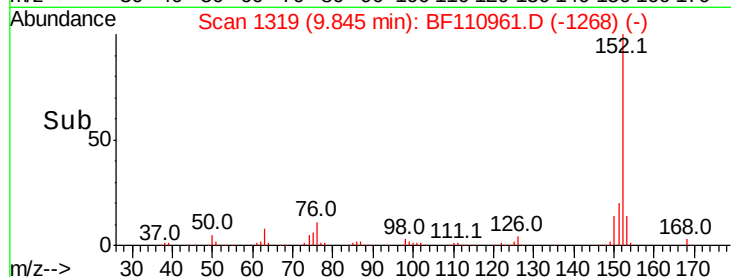
153 13.9 10.4 15.6



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: 39.878 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

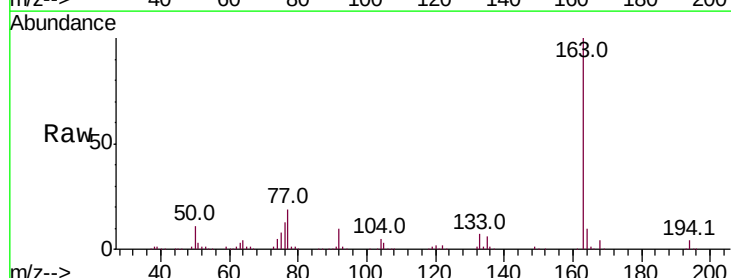
Tgt Ion:163 Resp: 422878

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

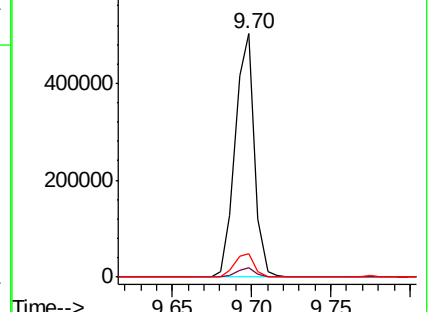
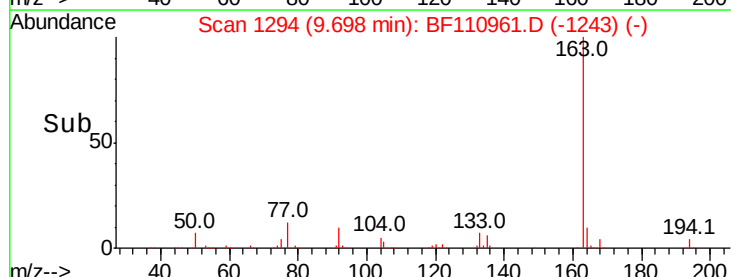
164 9.8 8.1 12.1

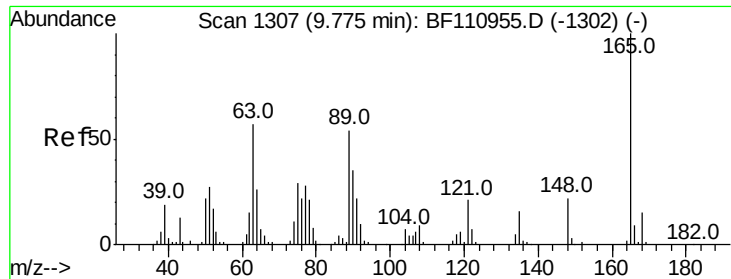


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.505 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

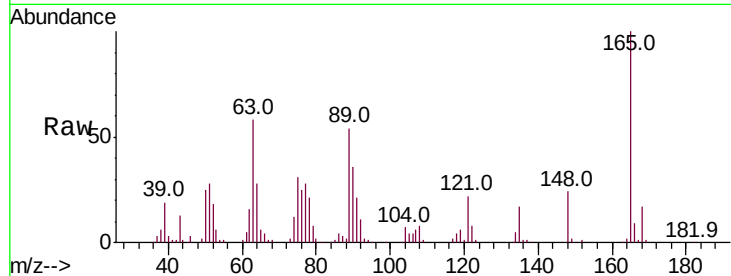
Tot Ion:165 Resp: 95620

Ion Ratio Lower Upper

165 100

63 58.5 48.9 73.3

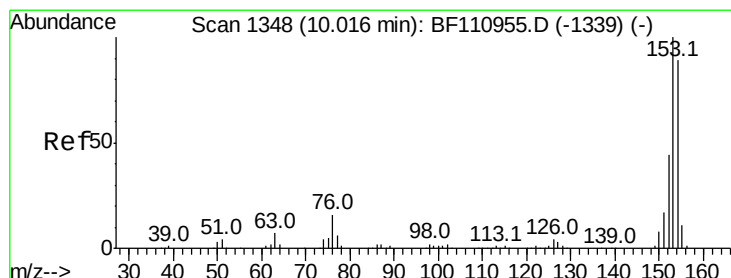
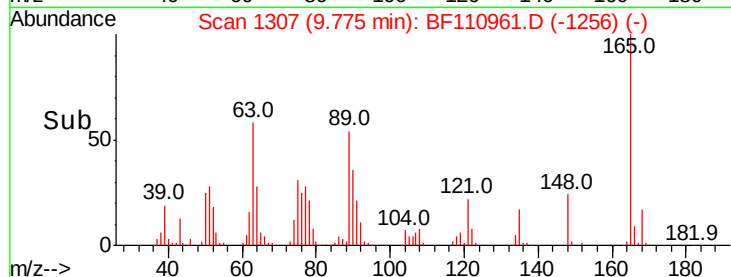
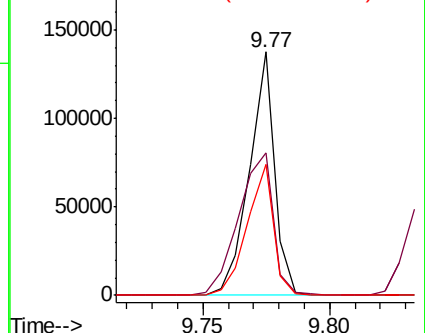
89 53.7 46.6 69.8



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: 39.611 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

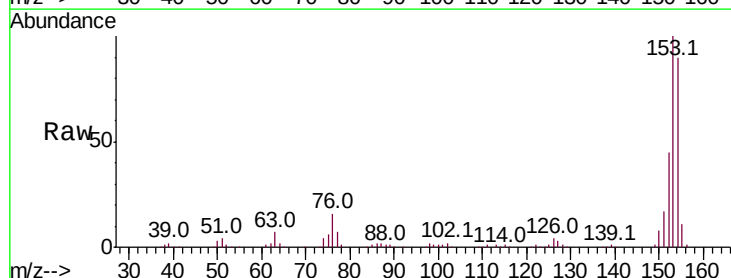
Tgt Ion:154 Resp: 349000

Ion Ratio Lower Upper

154 100

153 111.7 90.1 135.1

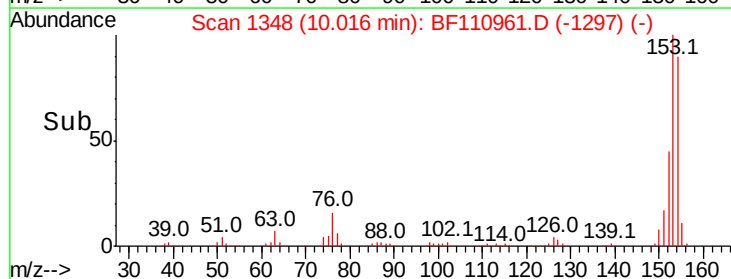
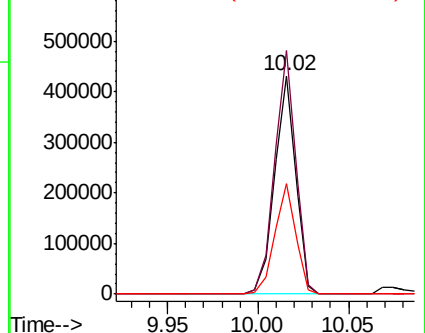
152 50.6 43.4 65.2

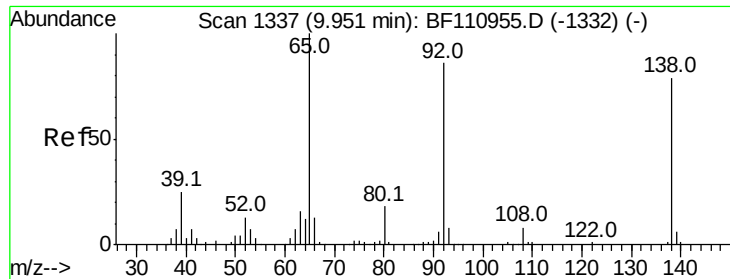


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

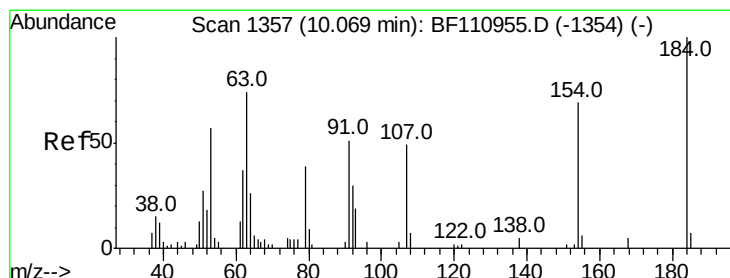
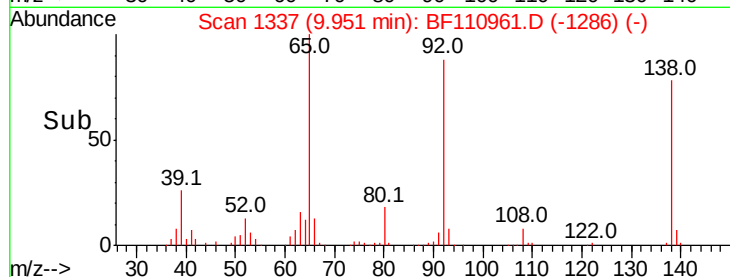
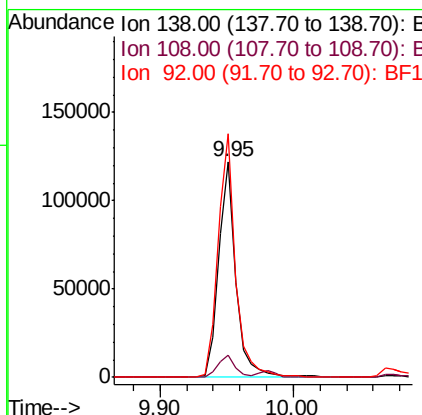
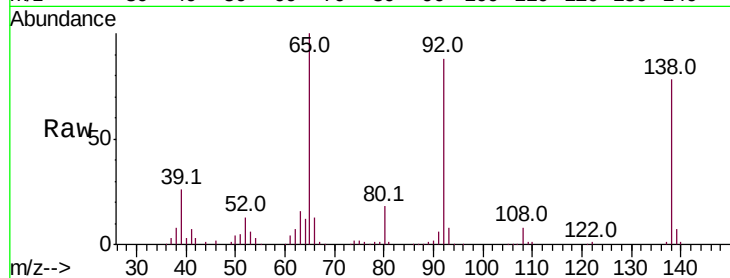




#53
 3-Nitroaniline
 Concen: 40.625 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

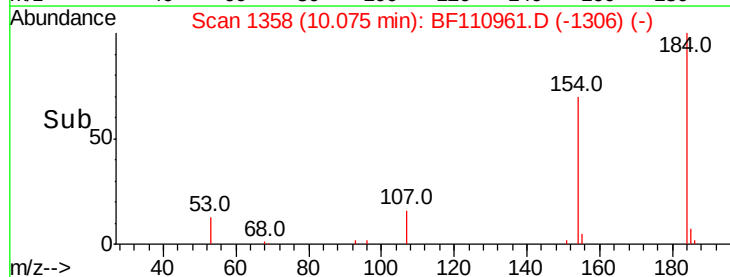
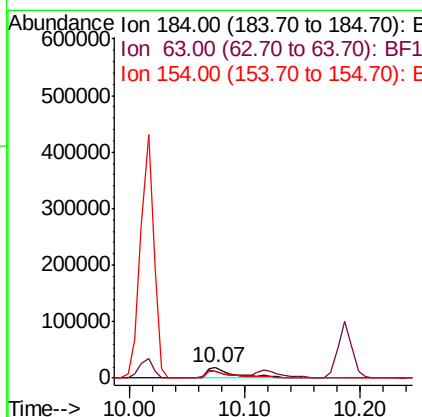
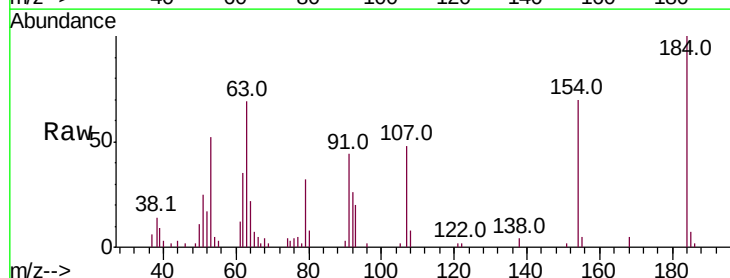
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

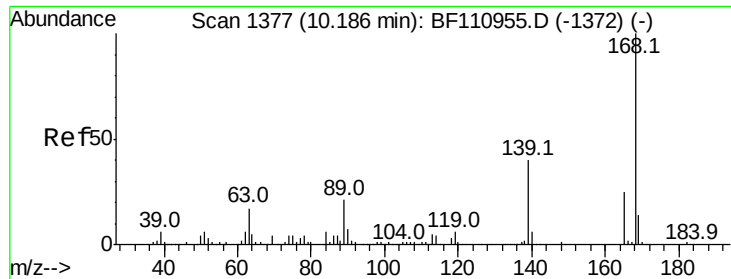
Tot Ion:138 Resp: 111778
 Ion Ratio Lower Upper
 138 100
 108 10.6 8.7 13.1
 92 112.9 97.0 145.4



#54
 2,4-Dinitrophenol
 Concen: 41.372 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.01 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion:184 Resp: 32937
 Ion Ratio Lower Upper
 184 100
 63 69.2 55.8 83.6
 154 69.8 63.2 94.8

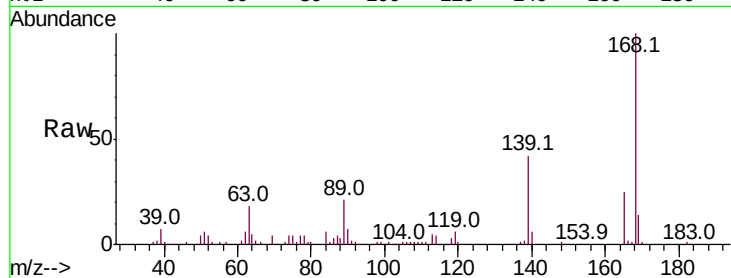




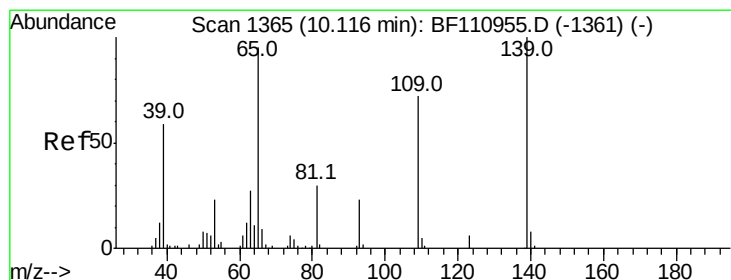
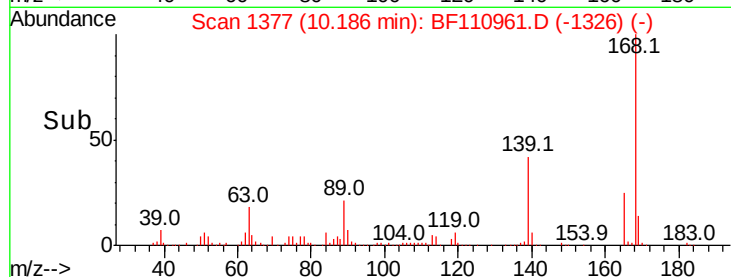
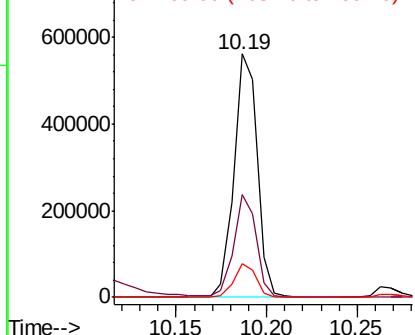
#55
Dibenzo(furan)
Concen: 39.081 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 502330
Ion Ratio Lower Upper
168 100
139 42.1 33.0 49.6
169 13.7 11.3 16.9

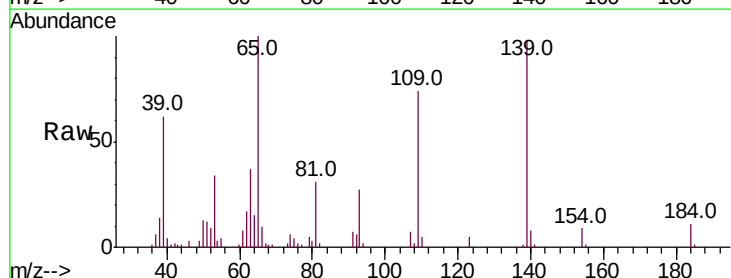


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

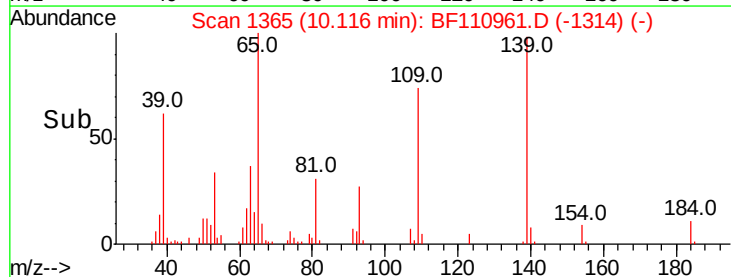
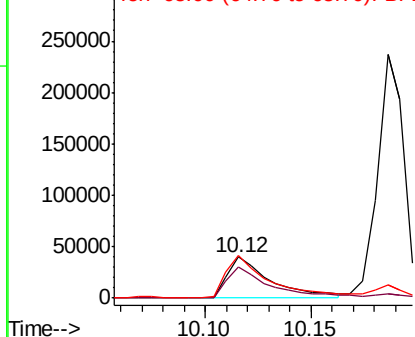


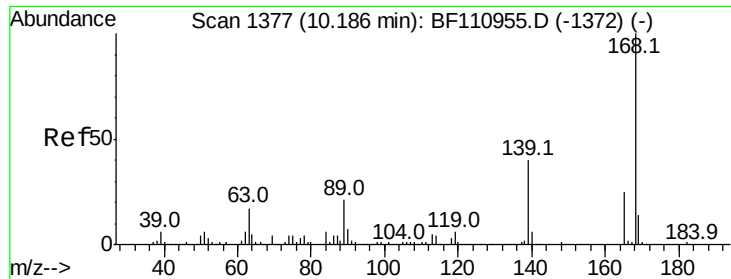
#56
4-Nitrophenol
Concen: 39.652 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Tgt Ion:139 Resp: 57198
Ion Ratio Lower Upper
139 100
109 76.3 55.8 95.8
65 102.4 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

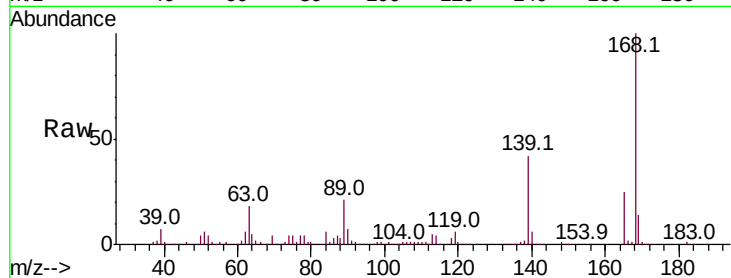




#57
 2,4-Dinitrotoluene
 Concen: 40.450 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	70.3	44.8	67.2#
89	85.3	62.2	93.4
182	2.4	2.1	3.1



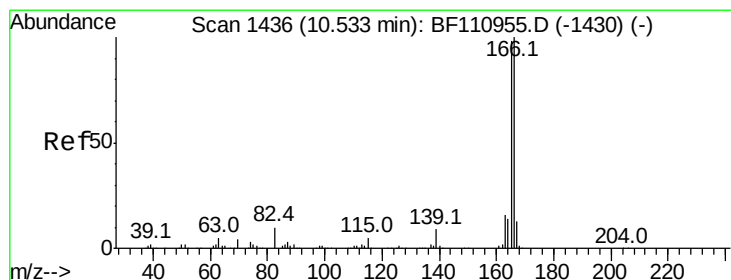
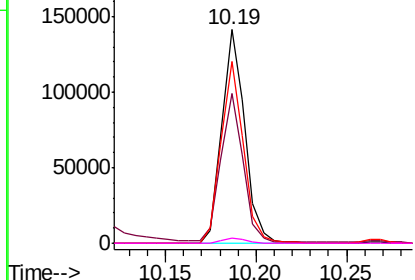
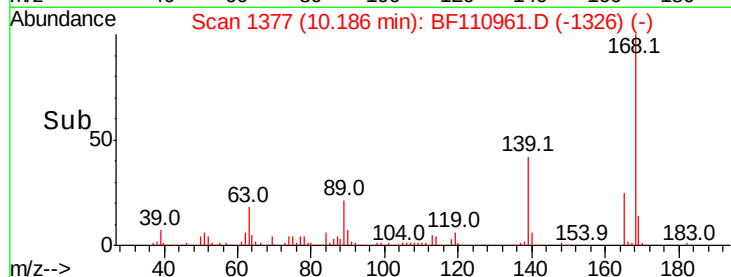
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

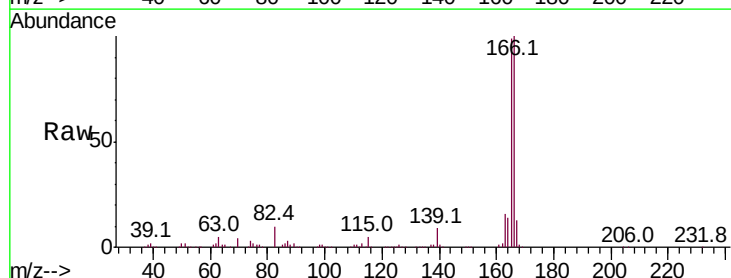
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 39.256 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.6	117.8
167	13.4	10.8	16.2

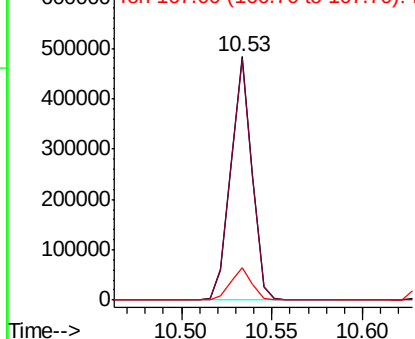
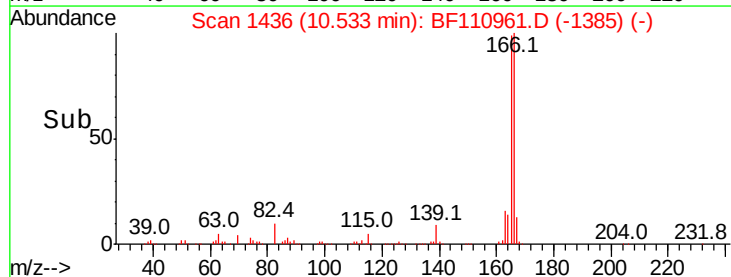


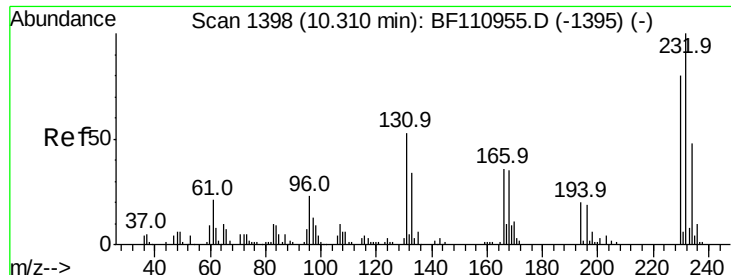
Abundance

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

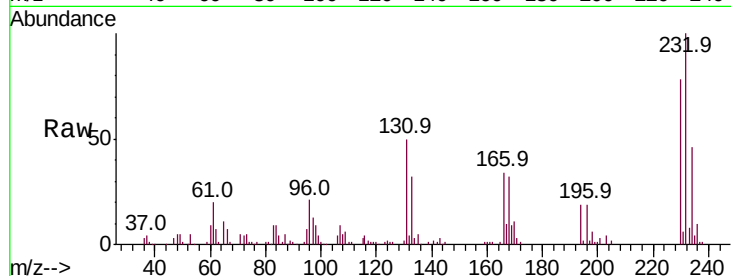




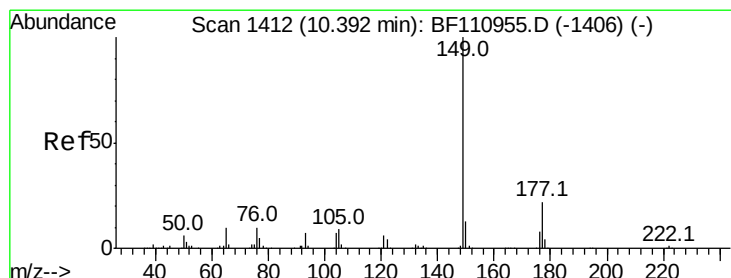
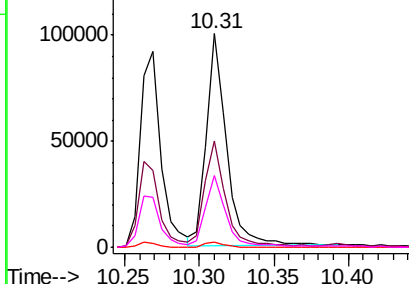
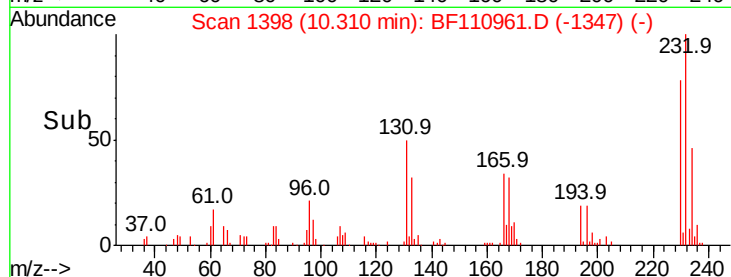
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.434 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232 Resp: 94918
 Ion Ratio Lower Upper
 232 100
 131 51.5 37.0 55.4
 130 2.2 1.8 2.6
 166 32.8 22.0 33.0

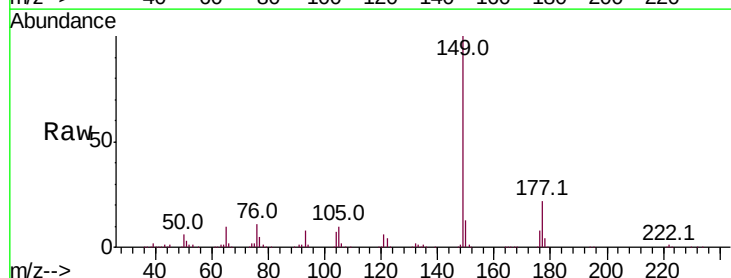


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

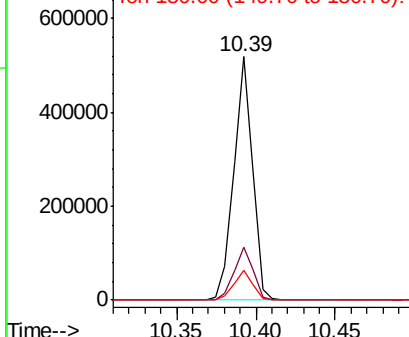
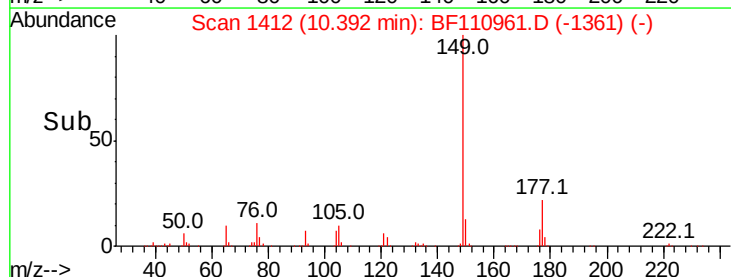


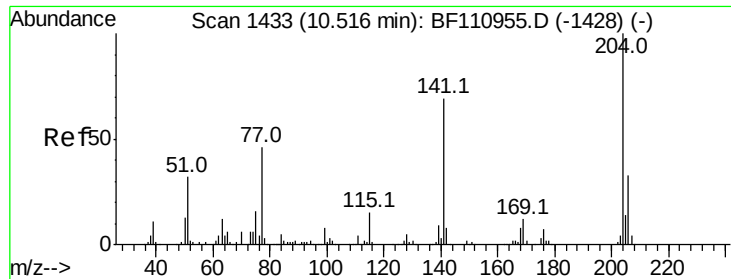
#60
 Diethylphthalate
 Concen: 38.988 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion:149 Resp: 426349
 Ion Ratio Lower Upper
 149 100
 177 21.6 17.4 26.2
 150 12.5 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

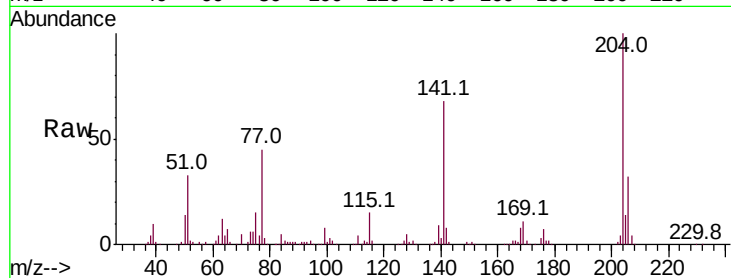




#61
4-Chlorophenyl-phenylether
Concen: 40.053 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	68.2	51.8	77.8

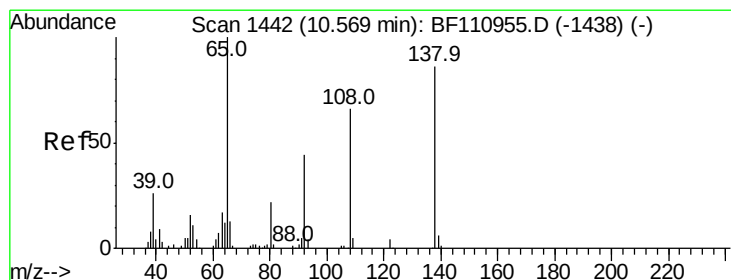
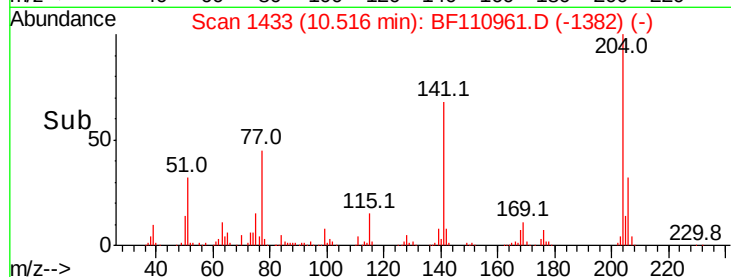
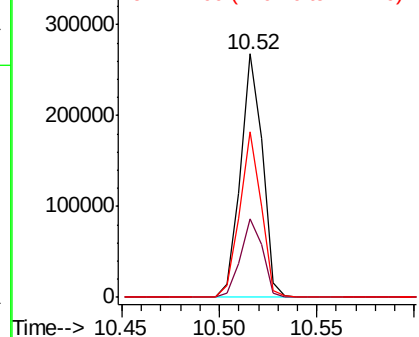


Abundance

Ion 204.00 (203.70 to 204.70): E

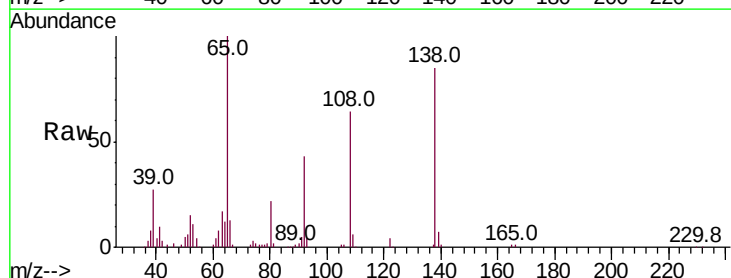
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.806 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.5	31.7	71.7
108	74.9	59.3	99.3

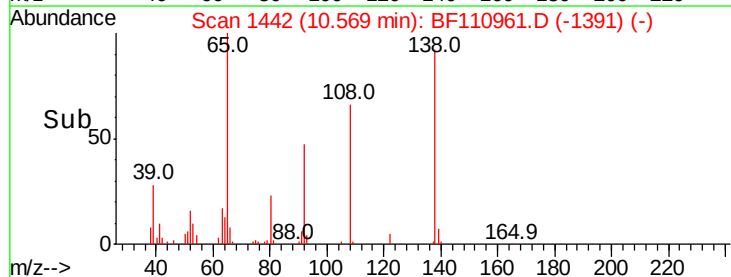
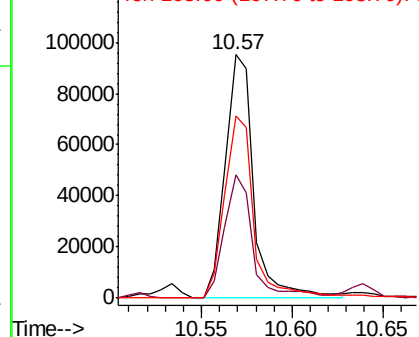


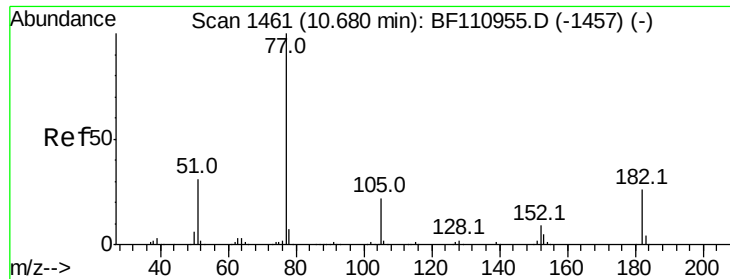
Abundance

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

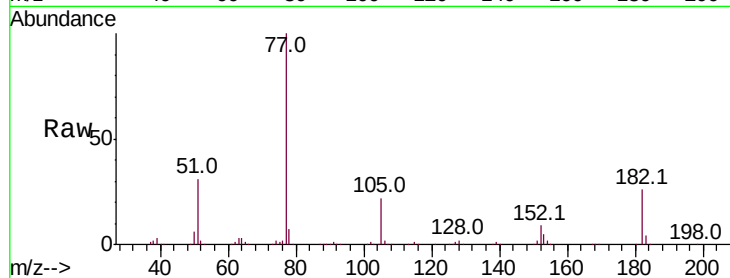




#63
Azobenzene
Concen: 39.332 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.7	4.3	44.3	
105	22.0	1.3	41.3	
51	31.3	9.0	49.0	

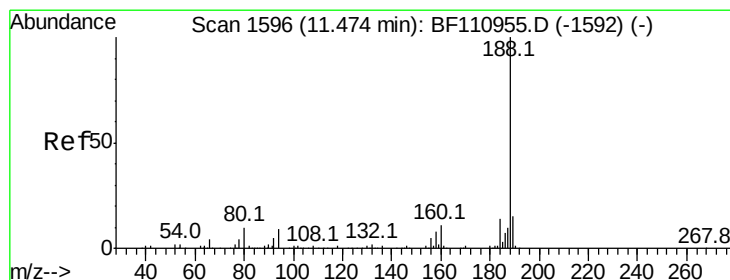
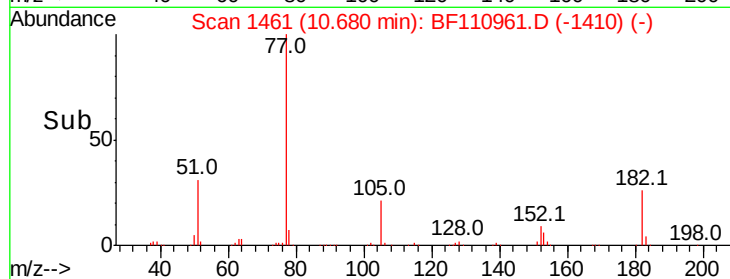
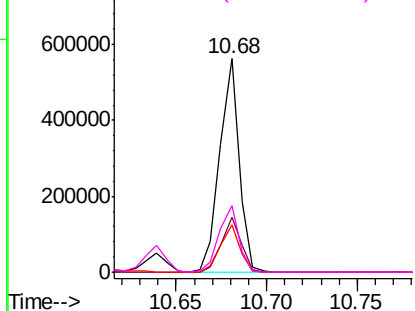


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

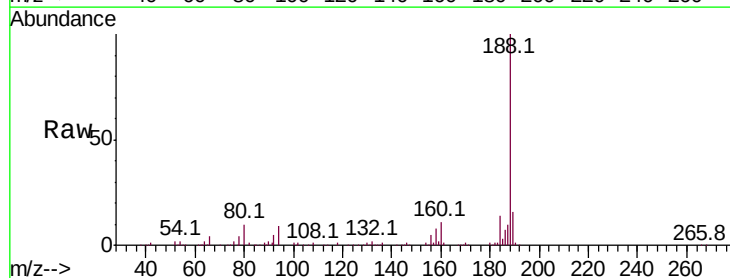
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

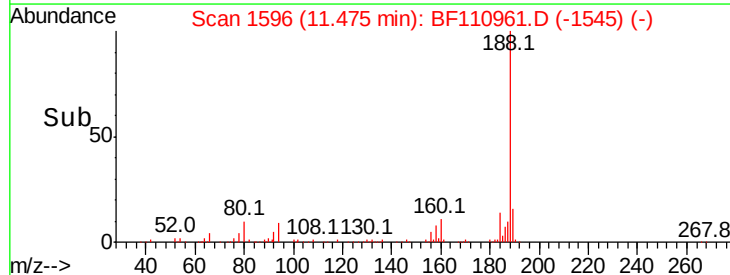
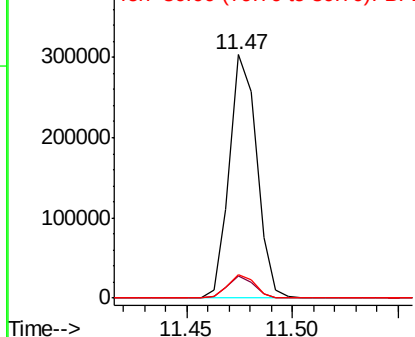
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.2	7.2	10.8	
80	9.8	7.9	11.9	

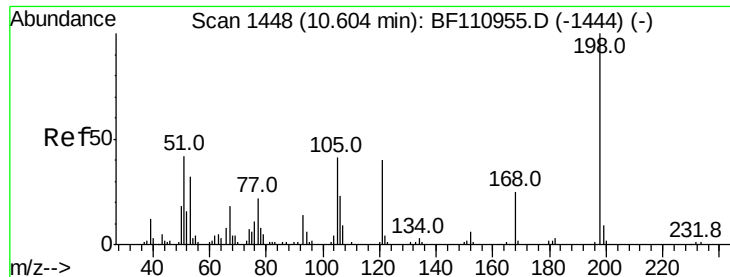


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

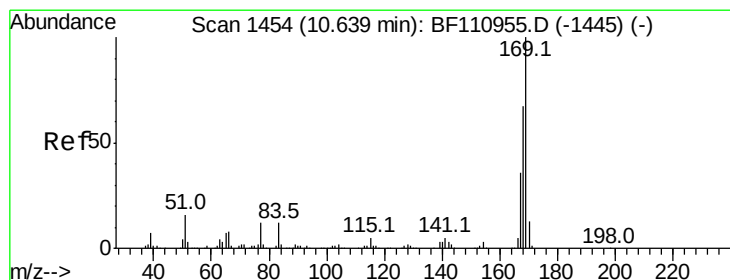
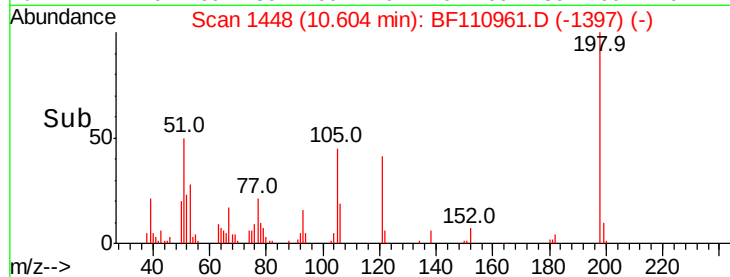
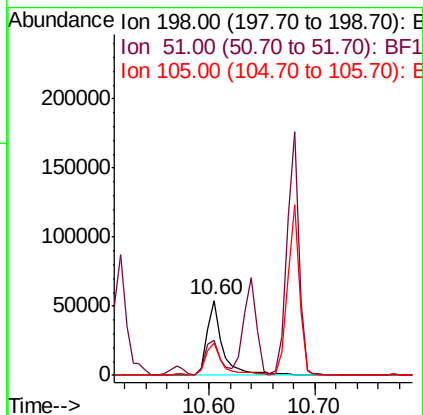
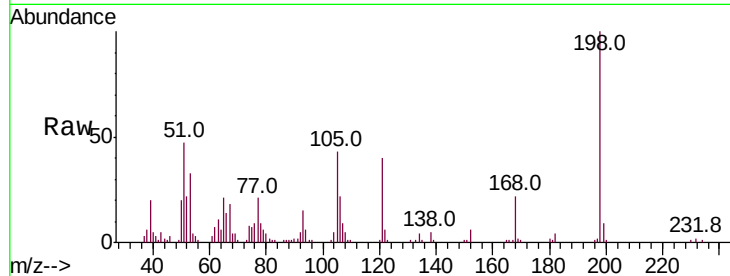




#65
4,6-Dinitro-2-methylphenol
Concen: 43.580 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

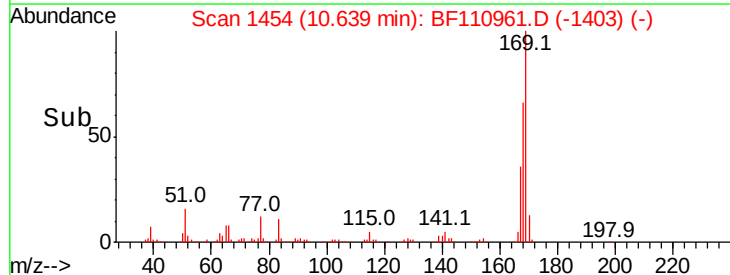
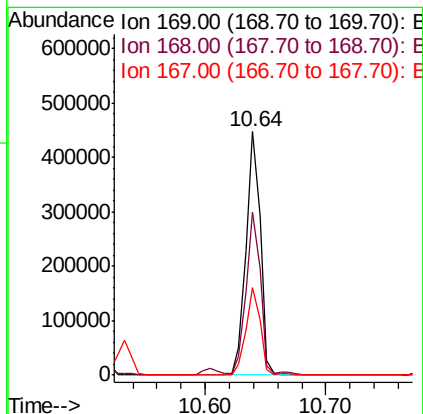
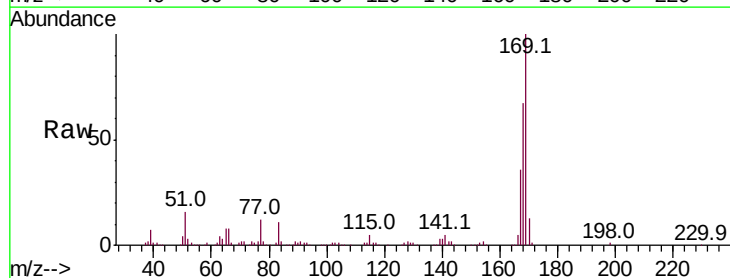
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

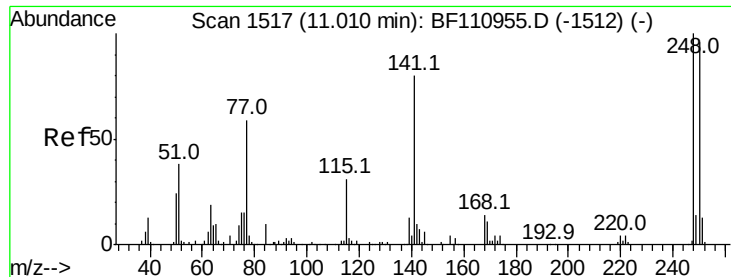
Tot Ion	Ratio	Lower	Upper
198	100		
51	46.9	22.8	62.8
105	42.7	23.6	63.6



#66
n-Nitrosodiphenylamine
Concen: 41.142 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	51.2	76.8
167	35.8	27.8	41.6

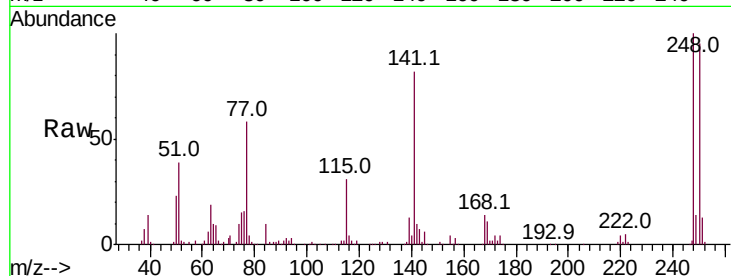




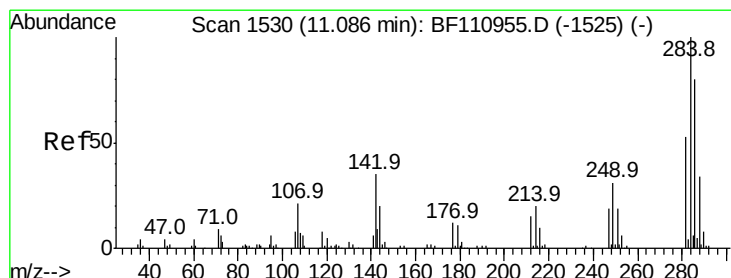
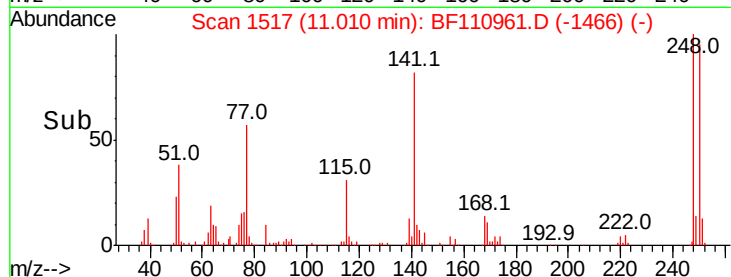
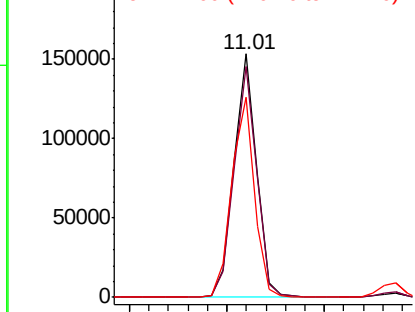
#67
4-Bromophenyl-phenylether
Concen: 41.386 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 122786
Ion Ratio Lower Upper
248 100
250 94.9 79.4 119.2
141 82.1 55.9 83.9

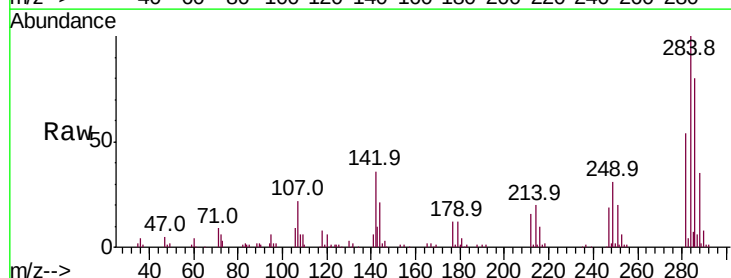


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

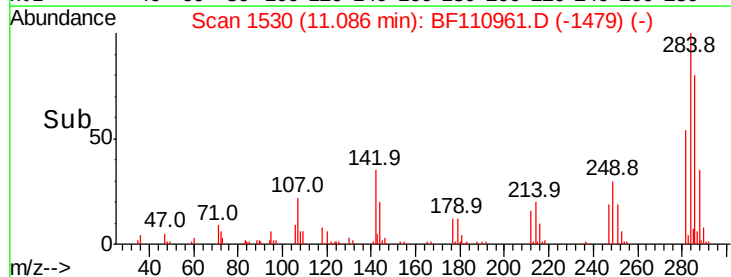
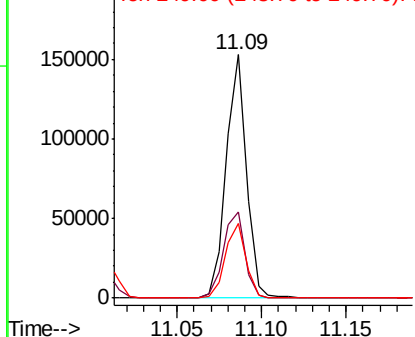


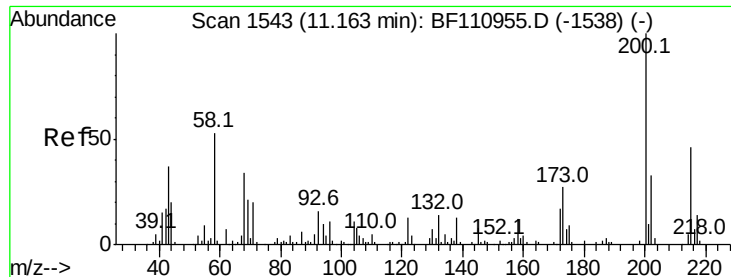
#68
Hexachlorobenzene
Concen: 40.261 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Tgt Ion:284 Resp: 127228
Ion Ratio Lower Upper
284 100
142 35.6 23.9 35.9
249 30.8 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

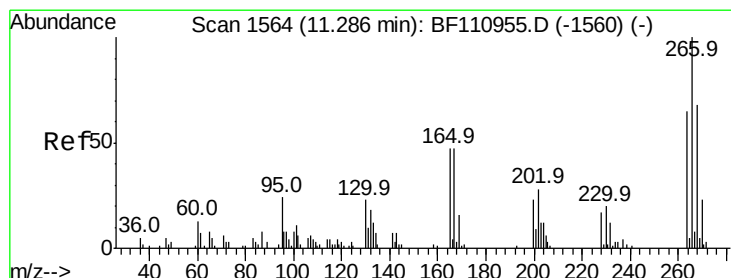
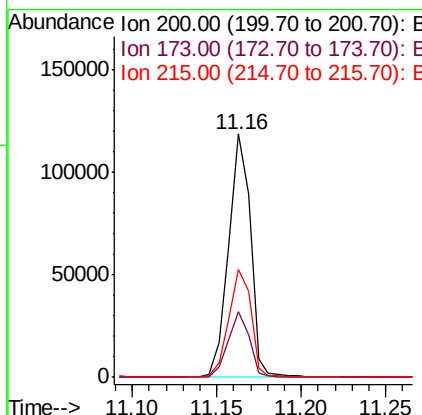
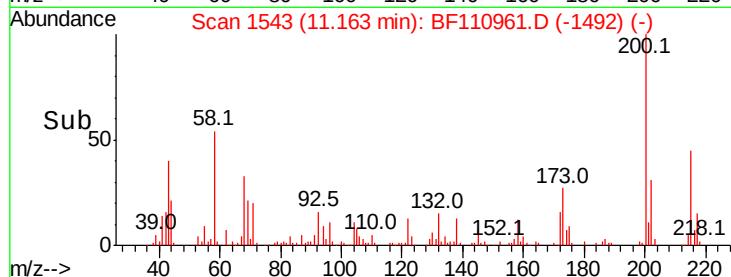
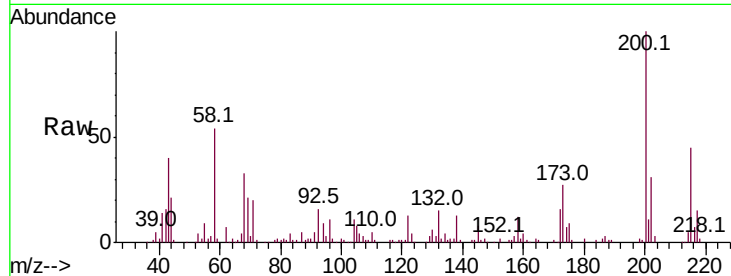




#69
 Atrazine
 Concen: 43.789 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

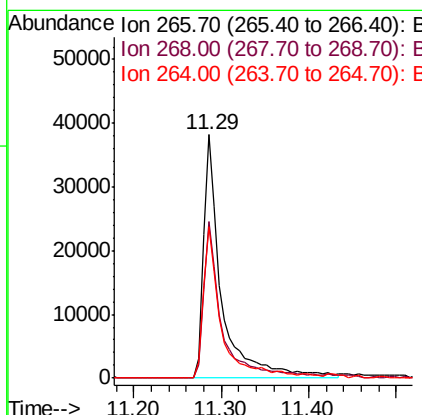
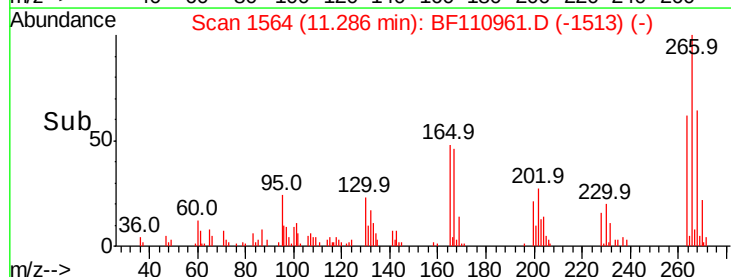
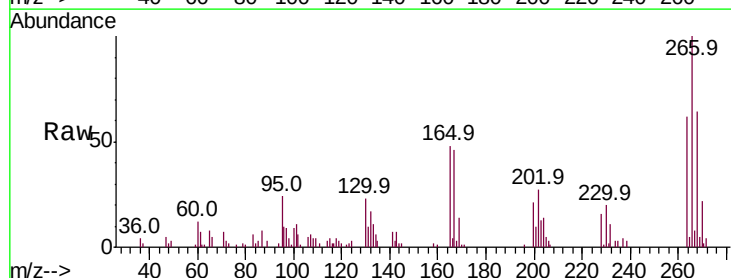
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

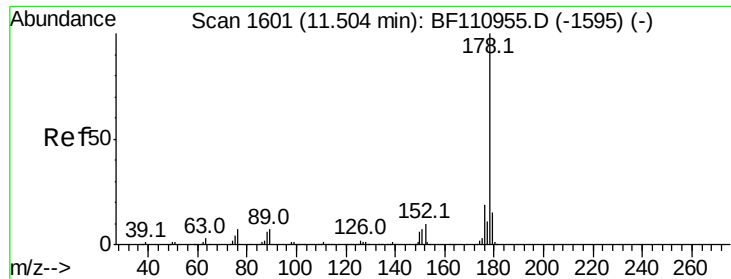
Tot Ion:200 Resp: 106754
 Ion Ratio Lower Upper
 200 100
 173 27.0 6.6 46.6
 215 44.5 26.3 66.3



#70
 Pentachlorophenol
 Concen: 43.871 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion:266 Resp: 55157
 Ion Ratio Lower Upper
 266 100
 268 64.2 50.6 75.8
 264 62.0 50.6 75.8





#71

Phenanthrene

Concen: 40.123 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

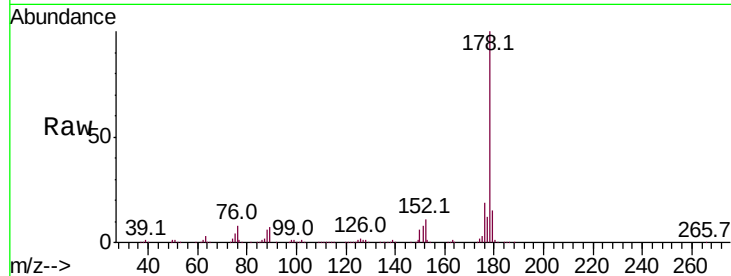
Tot Ion:178 Resp: 578892

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

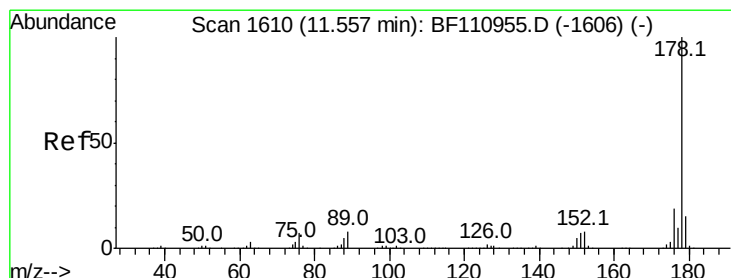
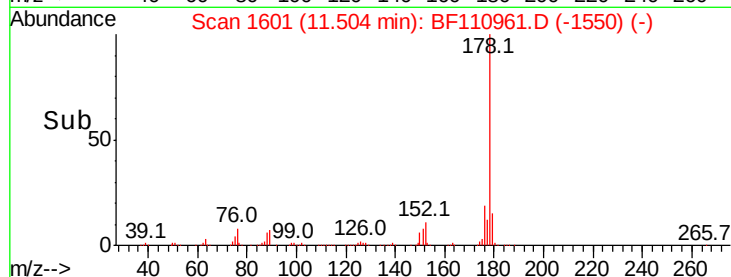
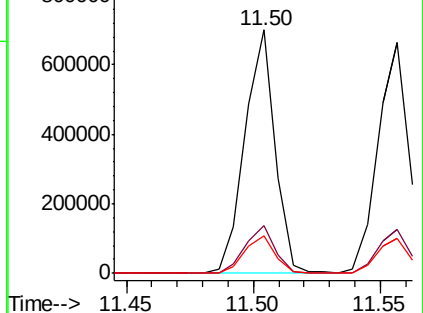
179 15.3 12.5 18.7



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: 40.105 ng

RT: 11.56 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

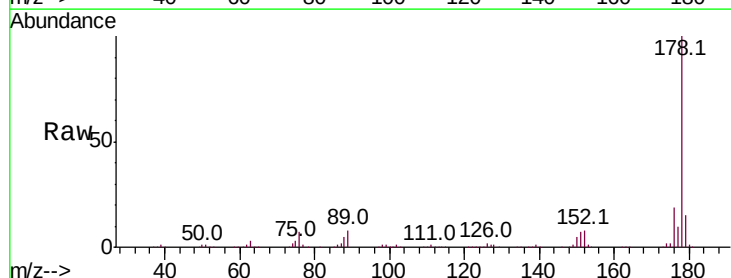
Tgt Ion:178 Resp: 589273

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

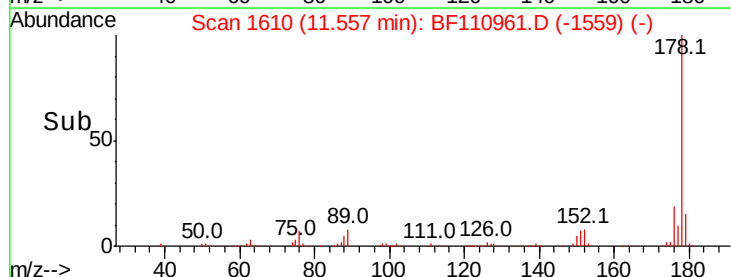
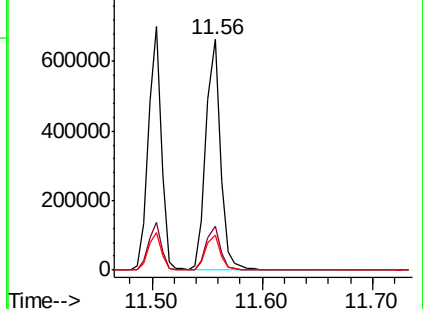
179 15.4 12.6 18.8

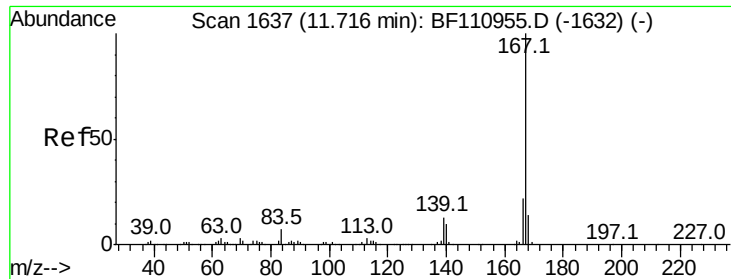


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

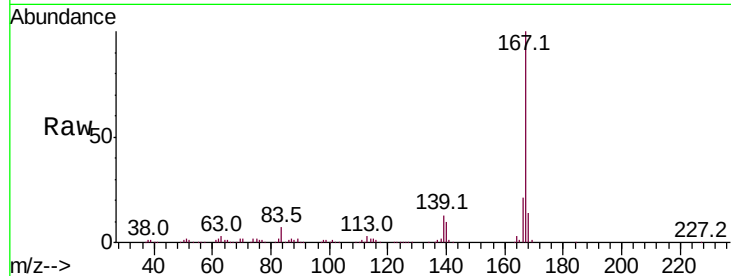




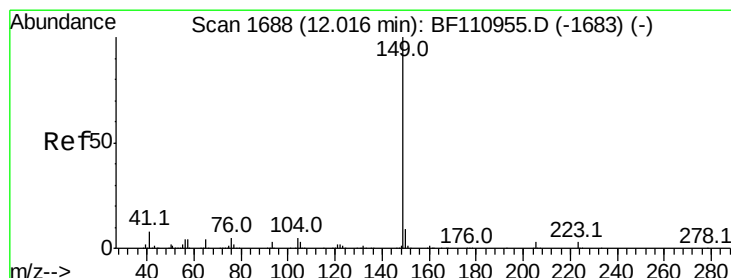
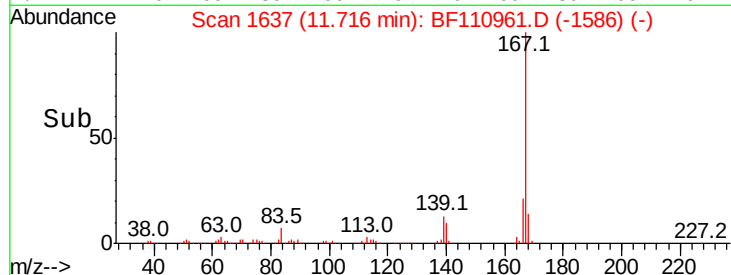
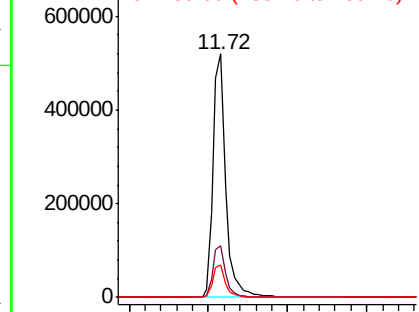
#73
 Carbazole
 Concen: 40.529 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 578003
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 13.3 10.9 16.3

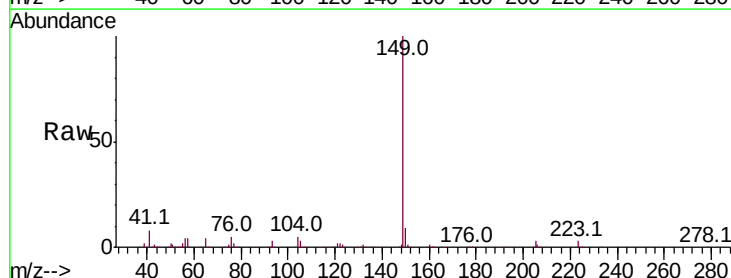


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

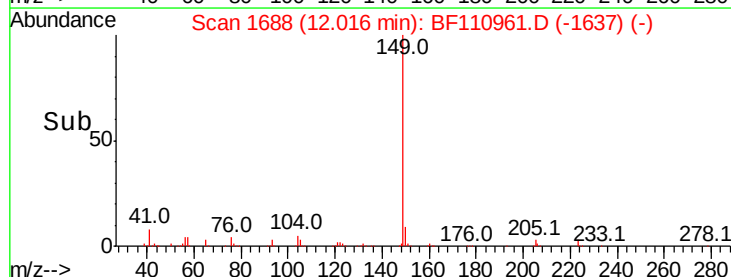
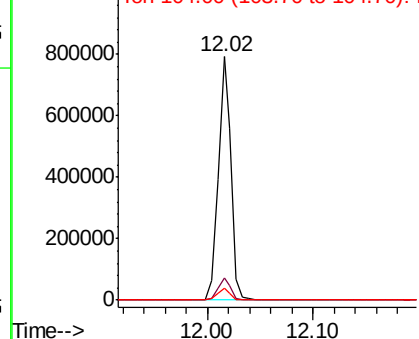


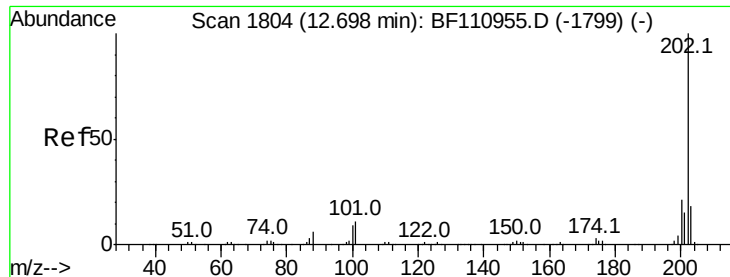
#74
 Di-n-butylphthalate
 Concen: 40.221 ng
 RT: 12.02 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion:149 Resp: 670673
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 5.0 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

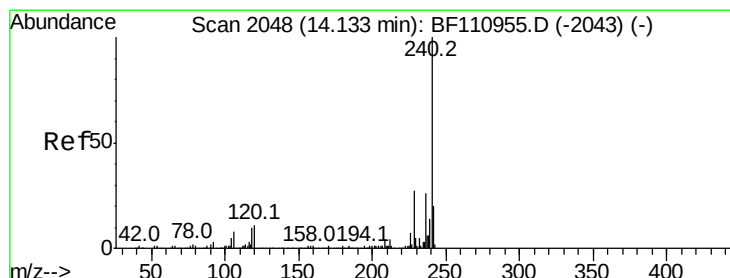
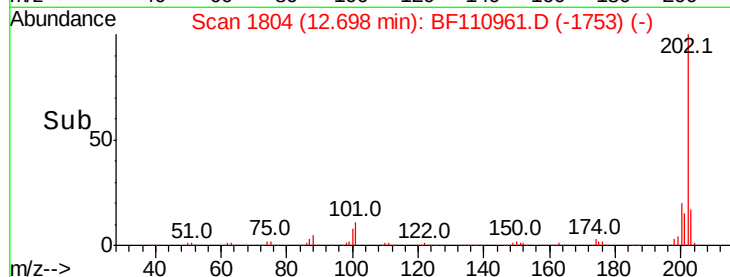
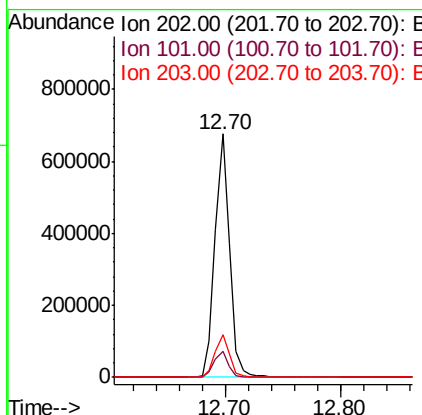
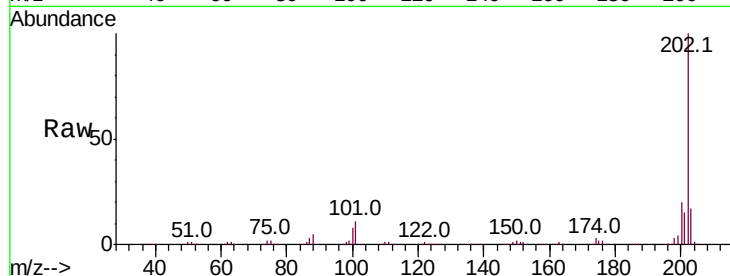




#75
 Fluoranthene
 Concen: 39.977 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

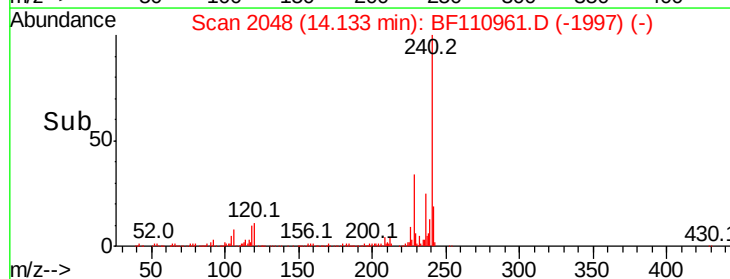
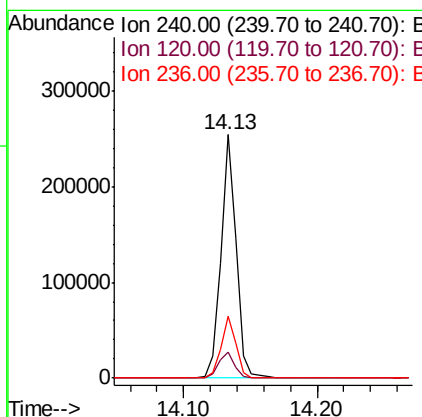
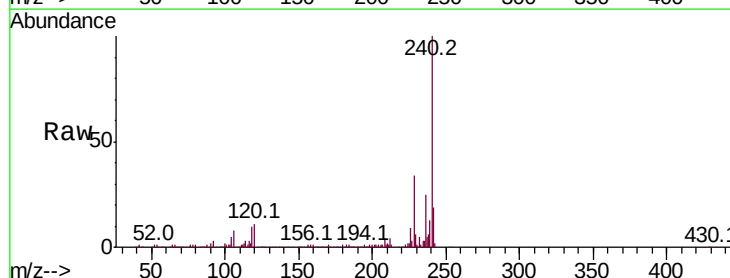
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

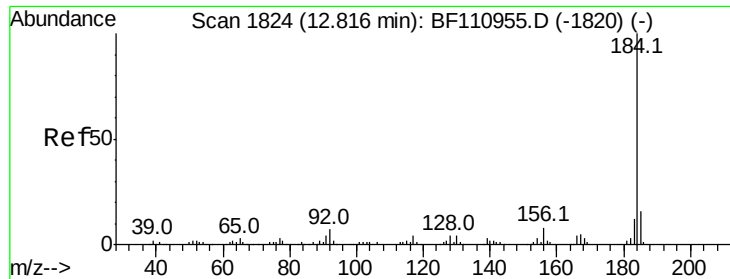
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.4
203	17.3	0.0	37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.3	12.5
236	25.3	21.2	31.8





#77

Benzidine

Concen: 42.581 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

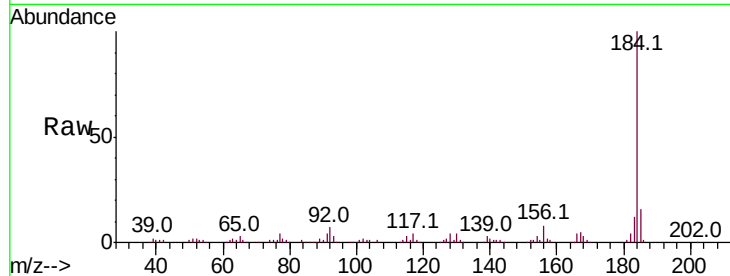
Tot Ion:184 Resp: 223094

Ion Ratio Lower Upper

184 100

185 15.7 13.4 20.2

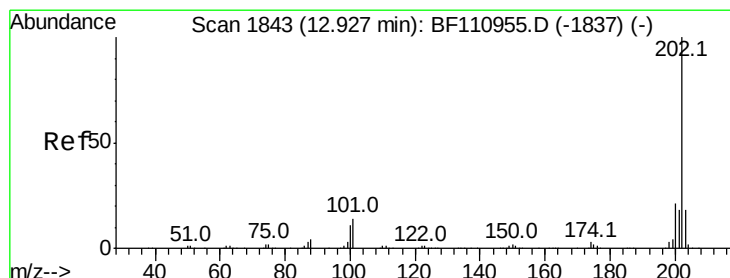
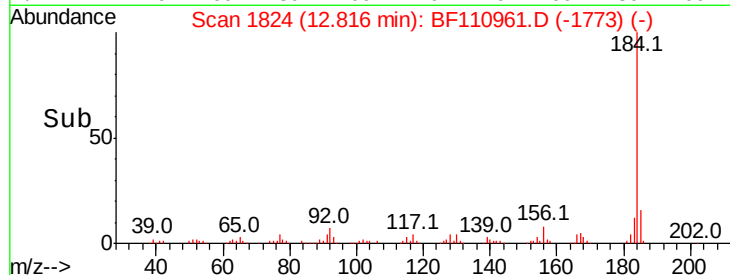
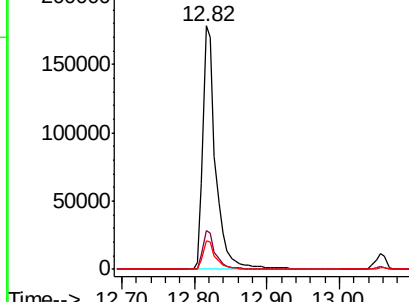
183 11.8 9.4 14.2



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: 40.686 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

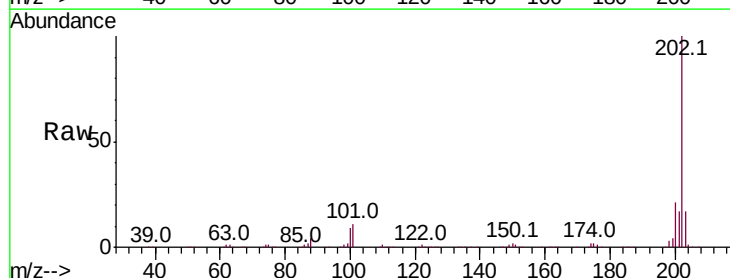
Tgt Ion:202 Resp: 608689

Ion Ratio Lower Upper

202 100

200 20.8 17.8 26.6

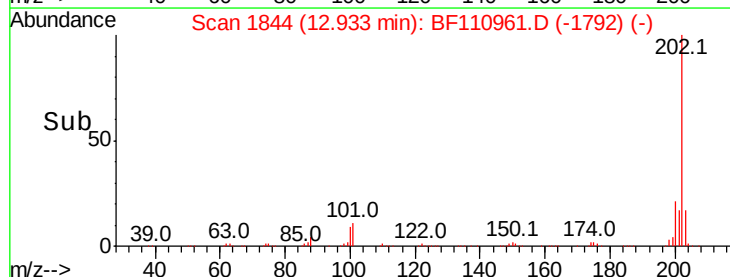
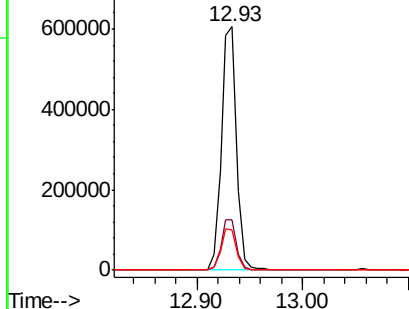
203 16.7 14.2 21.4

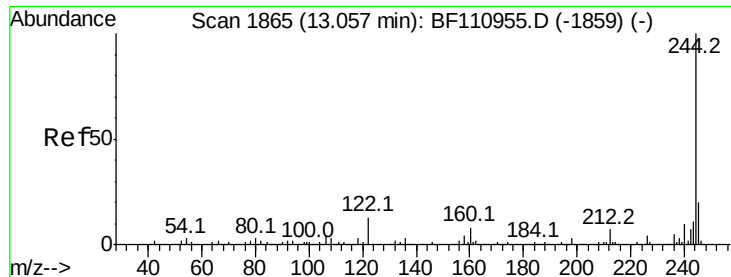


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

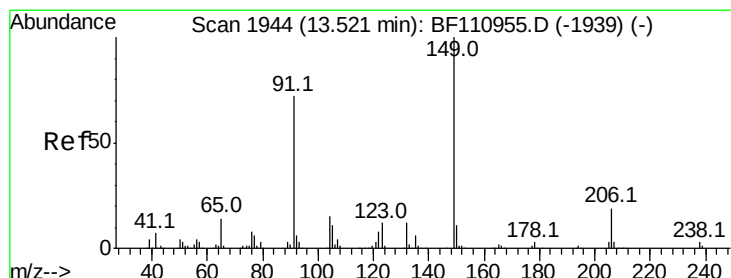
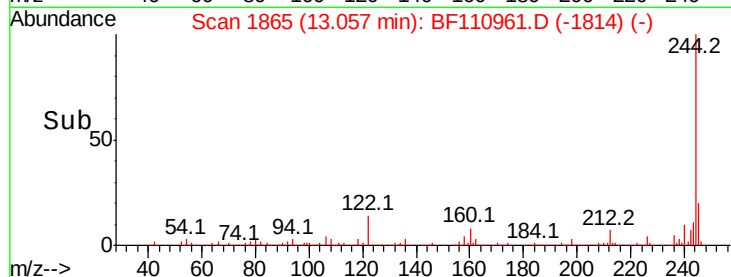
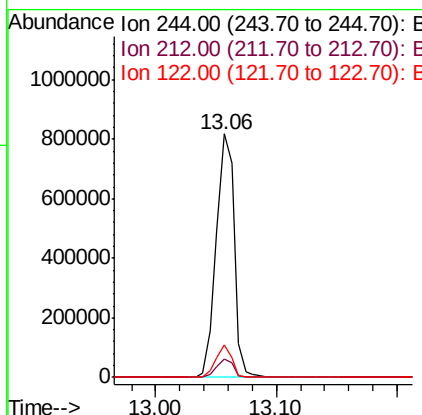
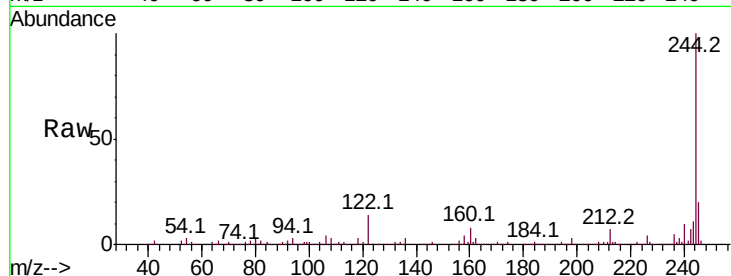




#79
 Terphenyl-d14
 Concen: 79.256 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

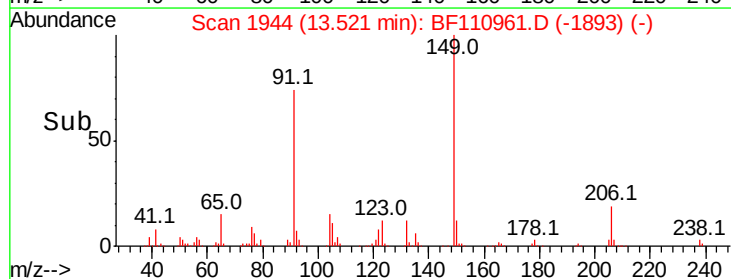
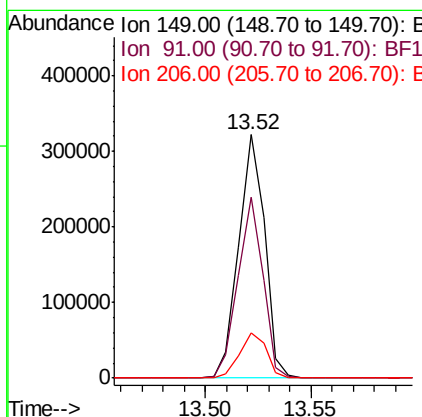
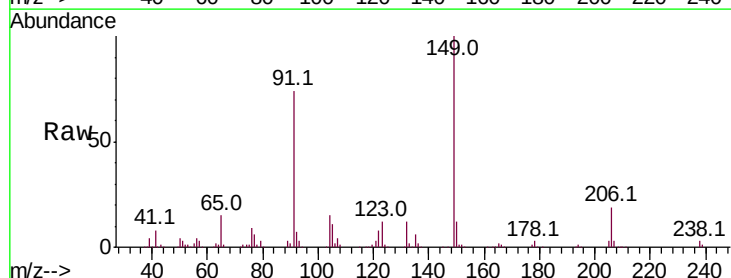
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

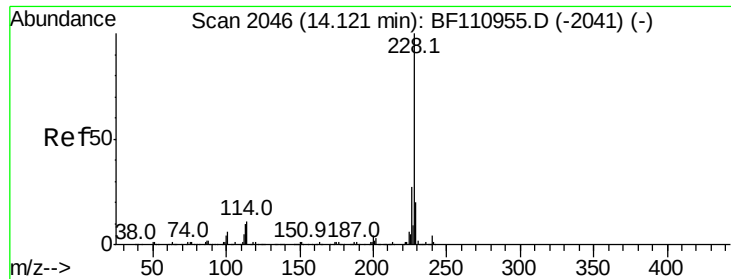
Tot Ion:244 Resp: 833967
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 13.6 8.7 13.1#



#80
 Butylbenzylphthalate
 Concen: 40.622 ng
 RT: 13.52 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion:149 Resp: 274375
 Ion Ratio Lower Upper
 149 100
 91 74.2 57.2 85.8
 206 18.5 15.7 23.5





#81

Benzo(a)anthracene

Concen: 40.536 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

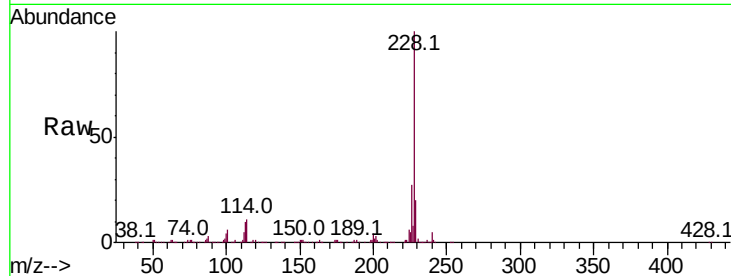
Tot Ion:228 Resp: 490211

Ion Ratio Lower Upper

228 100

226 26.6 22.1 33.1

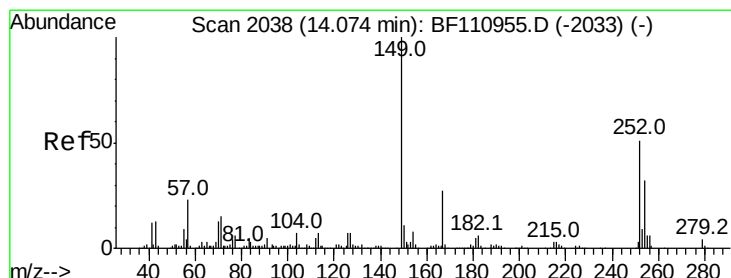
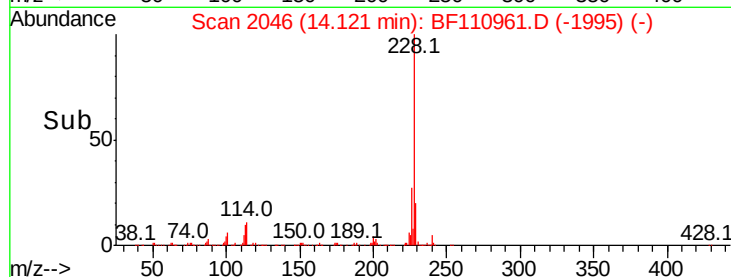
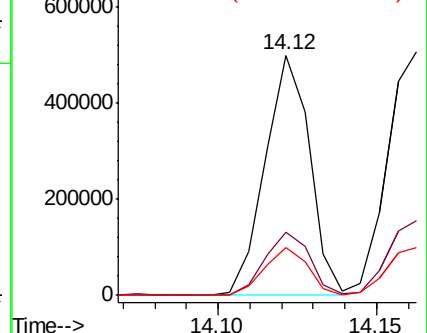
229 19.8 15.6 23.4



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: 40.735 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

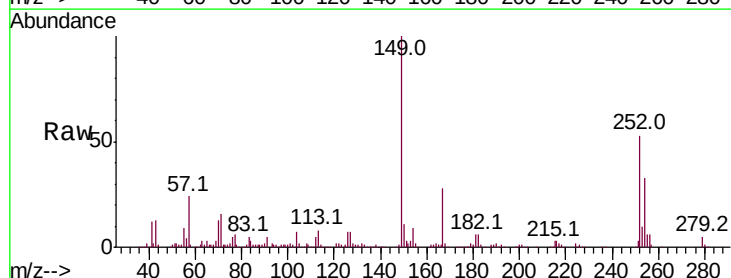
Tgt Ion:252 Resp: 168911

Ion Ratio Lower Upper

252 100

254 62.7 51.3 76.9

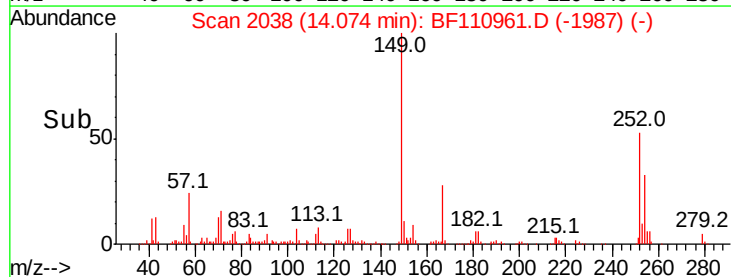
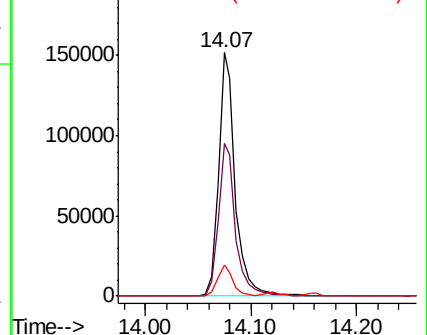
126 12.5 9.4 14.2

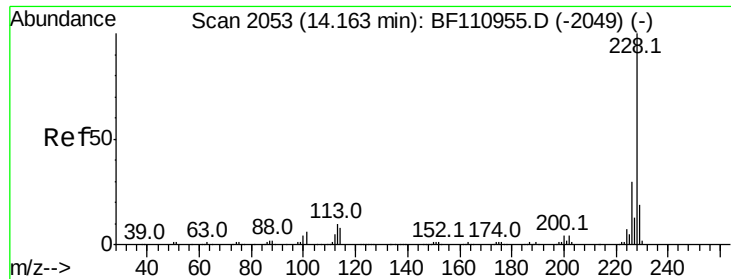


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.485 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

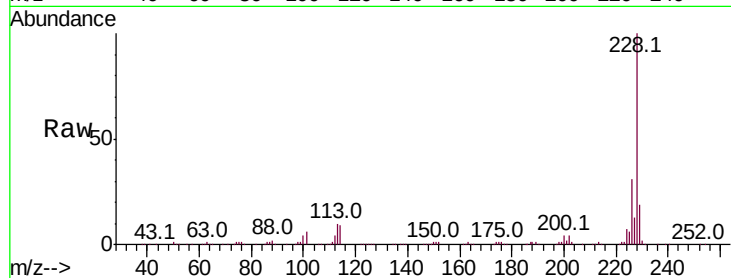
Tot Ion:228 Resp: 470055

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

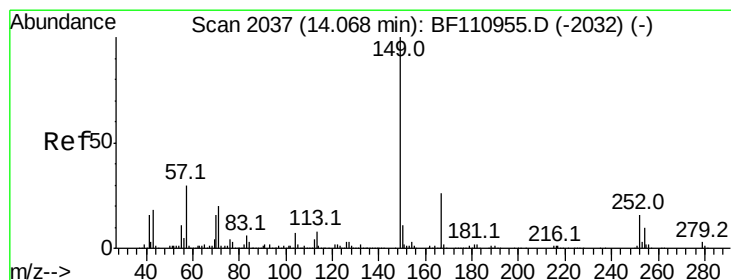
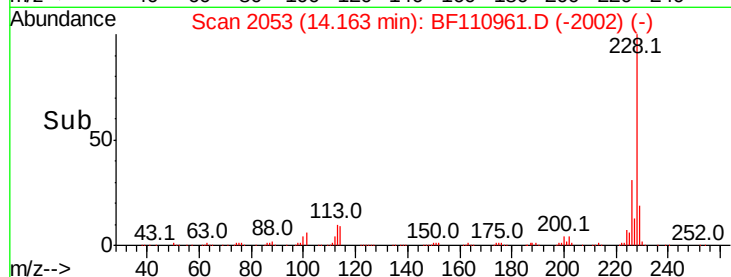
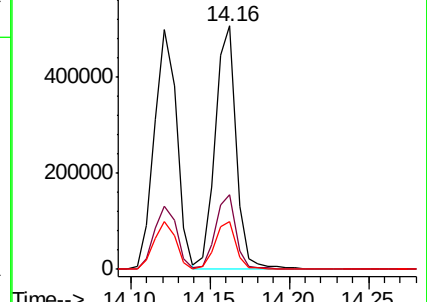
229 19.5 15.9 23.9



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: 41.364 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

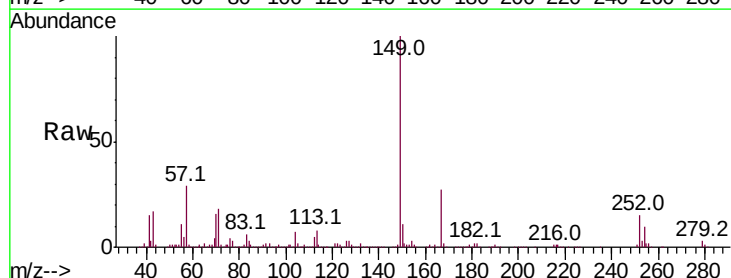
Tgt Ion:149 Resp: 372282

Ion Ratio Lower Upper

149 100

167 26.7 19.8 29.8

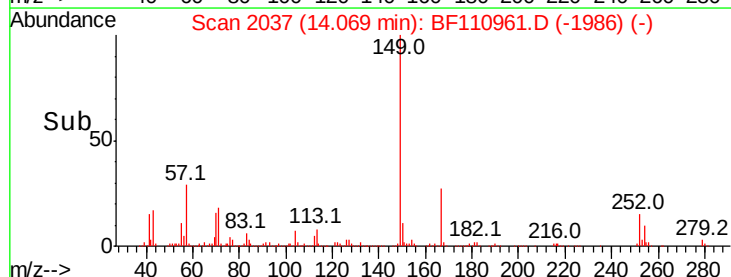
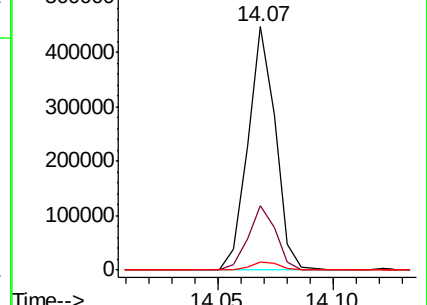
279 3.4 2.7 4.1

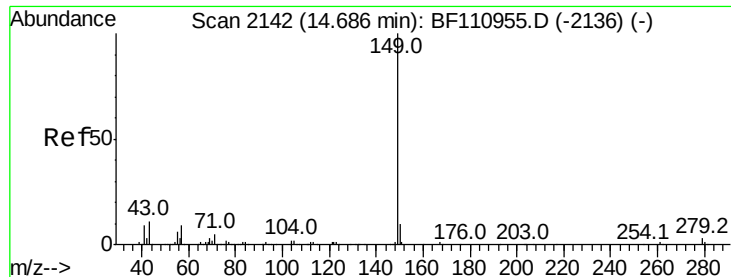


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

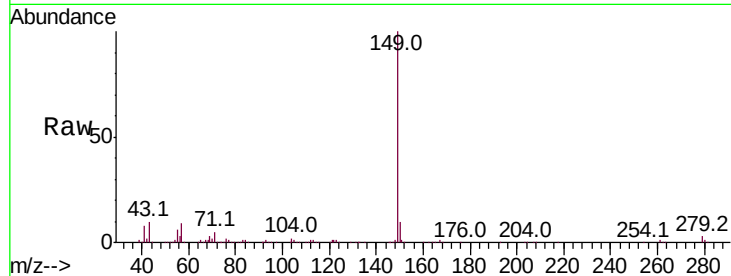




#85
Di-n-octyl phthalate
Concen: 40.939 ng
RT: 14.69 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

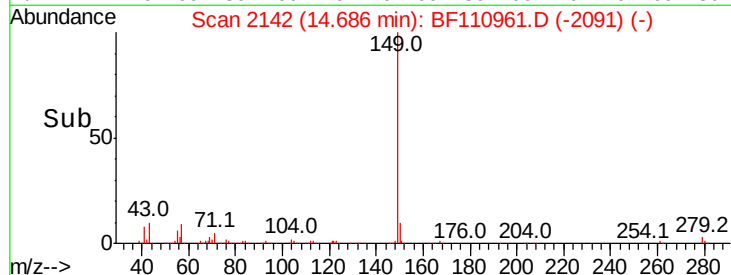
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 581615
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.6 7.8 11.8

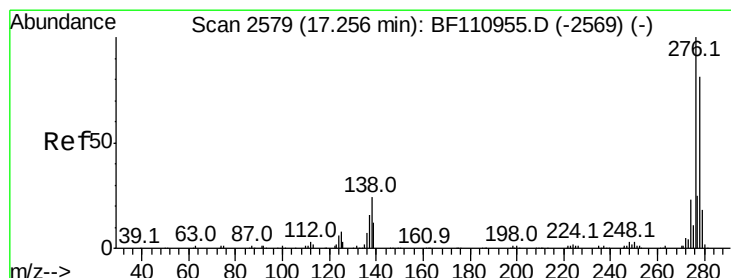


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

14.69

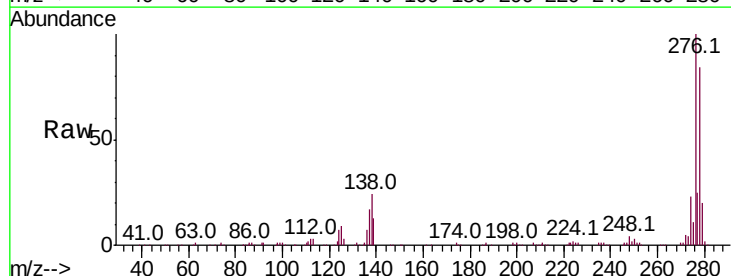


Time--> 14.60 14.70



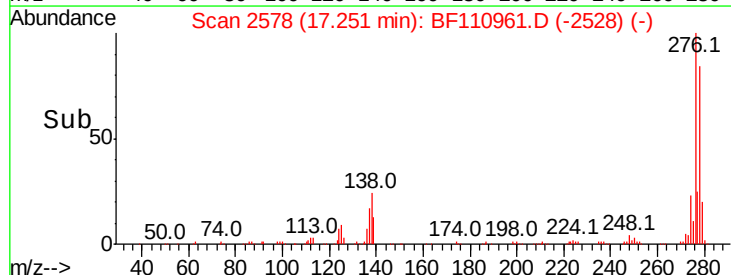
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.798 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Tgt Ion:276 Resp: 331536
Ion Ratio Lower Upper
276 100
138 23.9 18.5 27.7
277 25.0 20.0 30.0

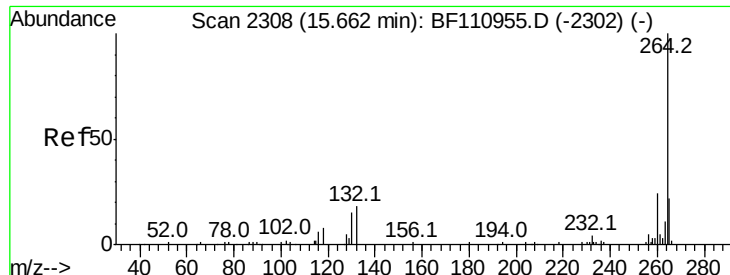


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

17.25



Time--> 17.20 17.40

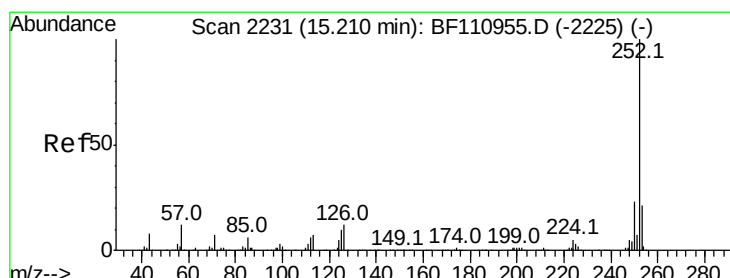
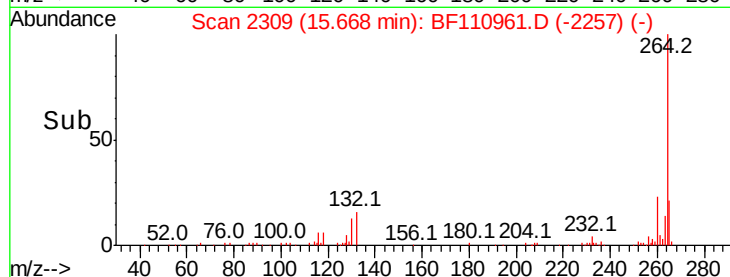
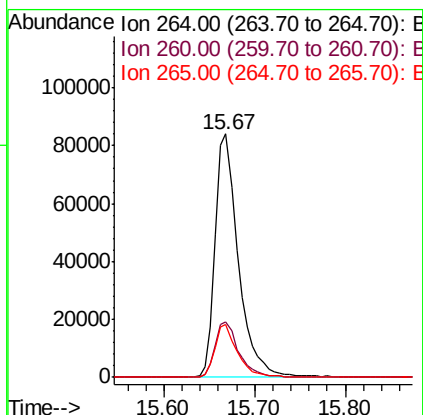
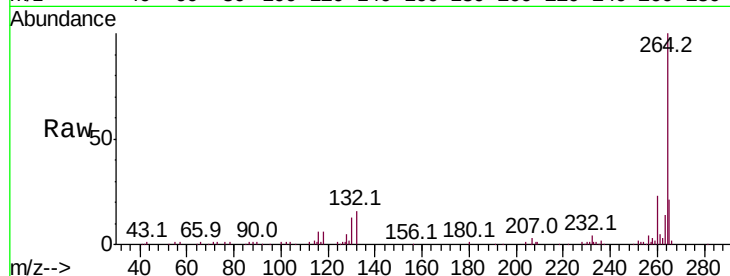


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 149432

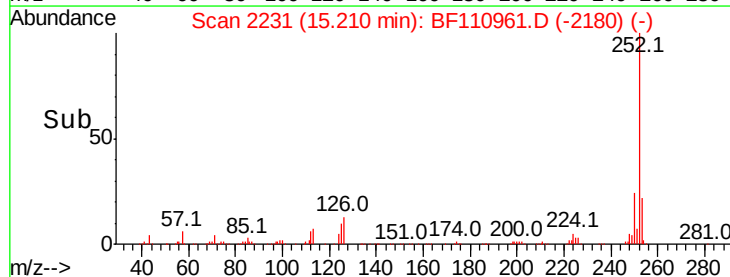
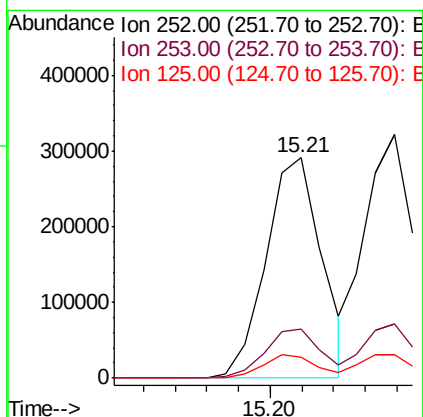
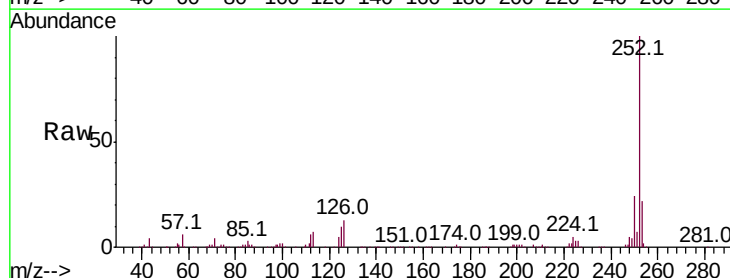
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.5	16.7	25.1

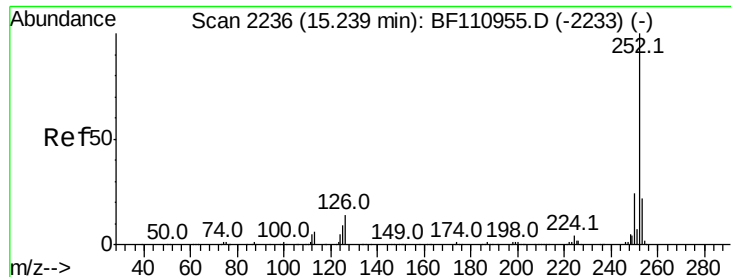


#88
Benzo(b)fluoranthene
Concen: 40.515 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Tgt Ion:252 Resp: 355661

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	9.6	8.2	12.4





#89

Benzo(k)fluoranthene

Concen: 41.207 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

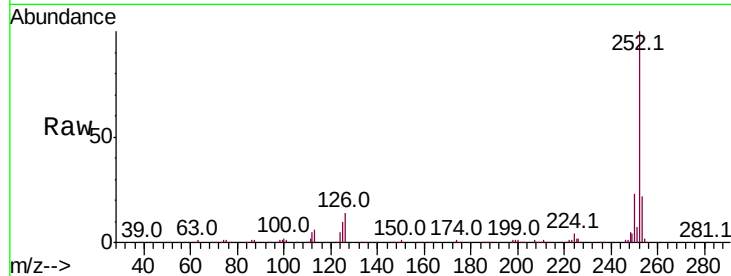
Tot Ion:252 Resp: 372328

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

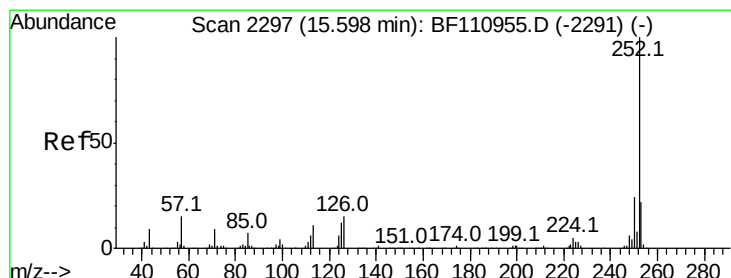
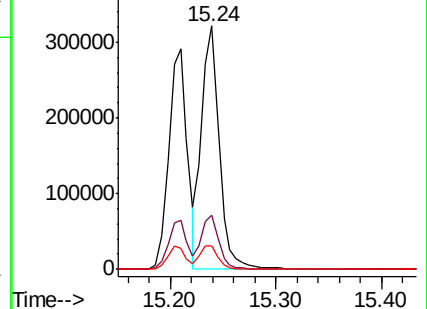
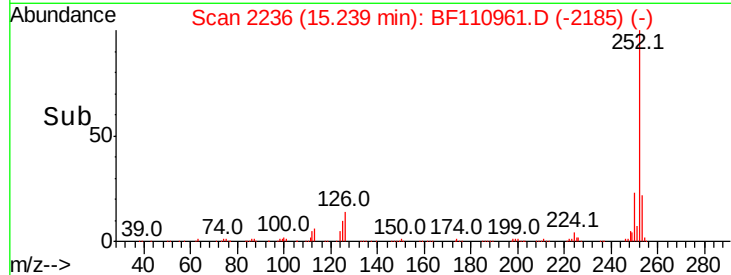
125 9.9 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.208 ng

RT: 15.60 min Scan# 2298

Delta R.T. 0.01 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

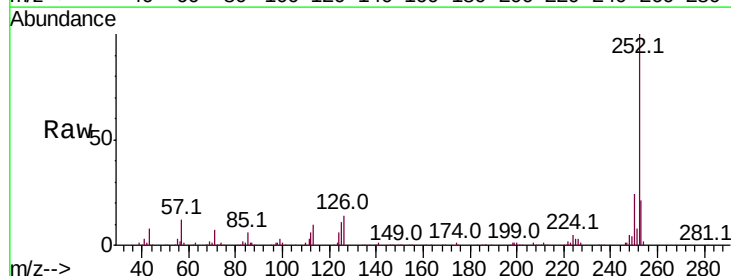
Tgt Ion:252 Resp: 328552

Ion Ratio Lower Upper

252 100

253 21.5 18.2 27.4

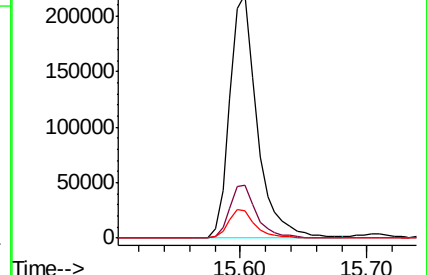
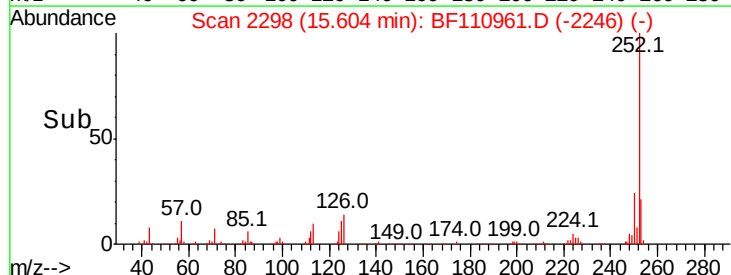
125 11.3 9.0 13.6

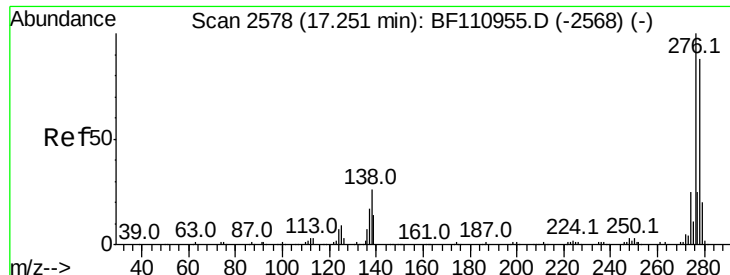


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.655 ng

RT: 17.25 min Scan# 2578

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

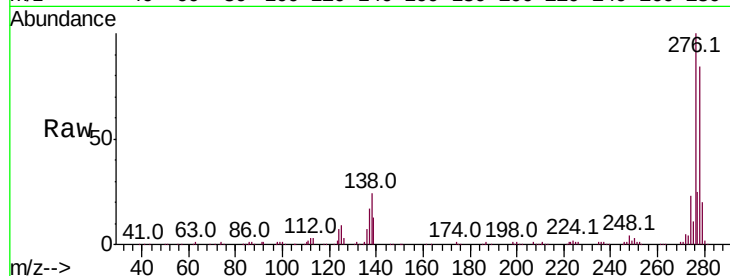
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 274097

Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.7	19.1
279	23.5	19.0	28.4

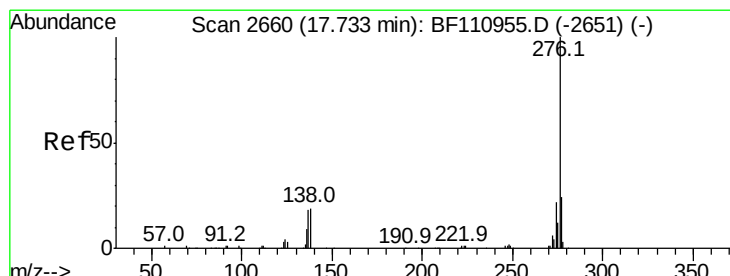
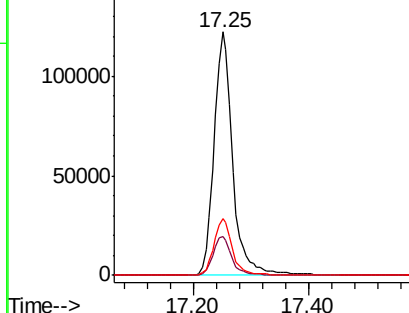
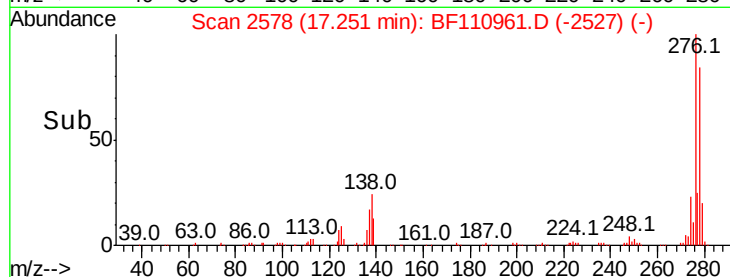


Abundance

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: 41.827 ng

RT: 17.74 min Scan# 2661

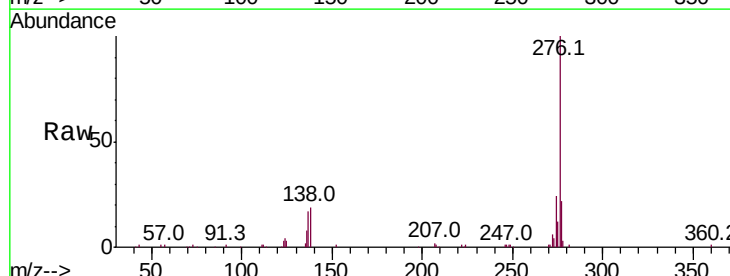
Delta R.T. 0.01 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Tgt Ion:276 Resp: 271903

Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.8	28.2
138	19.0	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

