

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
 Data File : BF110073.D
 Acq On : 23 Oct 2018 12:13
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Quant Time: Oct 23 13:12:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 12:51:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	167023	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	704612	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	342599	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	660947	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	532343	20.00	ng	-0.01
87) Perylene-d12	15.67	264	436174	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	529250	50.23	ng	-0.02
7) Phenol-d6	6.58	99	669689	51.18	ng	-0.02
23) Nitrobenzene-d5	7.53	82	612185	58.53	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	178447	60.16	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	1187330	55.30	ng	-0.02
79) Terphenyl-d14	13.09	244	1271099	50.14	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.81	88	135380	22.621	ng	93
3) Pyridine	3.59	79	300404	22.515	ng	86
4) n-Nitrosodimethylamine	3.54	42	126178	23.183	ng	94
6) Aniline	6.63	93	440140	24.962	ng	# 52
8) 2-Chlorophenol	6.75	128	308321	26.123	ng	96
9) Benzaldehyde	6.52	77	215076	25.295	ng	98
10) Phenol	6.59	94	357283	25.292	ng	# 65
11) bis(2-Chloroethyl)ether	6.70	93	292886	24.797	ng	96
12) 1,3-Dichlorobenzene	6.90	146	334186	25.821	ng	99
13) 1,4-Dichlorobenzene	6.98	146	335433	25.735	ng	97
14) 1,2-Dichlorobenzene	7.13	146	317390	26.444	ng	98
15) Benzyl Alcohol	7.10	79	262257	26.054	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.23	45	476132	24.560	ng	68
17) 2-Methylphenol	7.20	107	238869	25.098	ng	# 82
18) Hexachloroethane	7.48	117	121657	26.412	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	215466	25.648	ng	95
20) 3+4-Methylphenols	7.36	107	319587	26.461	ng	# 88
22) Acetophenone	7.37	105	423816	25.937	ng	98
24) Nitrobenzene	7.55	77	316915	27.890	ng	98
25) Isophorone	7.78	82	513888	25.004	ng	97
26) 2-Nitrophenol	7.86	139	149523	31.737	ng	94
27) 2,4-Dimethylphenol	7.89	122	244986	24.747	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	351423	24.915	ng	97
29) 2,4-Dichlorophenol	8.10	162	254187	26.469	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	284845	26.491	ng	96
31) Naphthalene	8.27	128	845857	26.179	ng	99
32) Benzoic acid	7.99	122	173805	28.178	ng	94
33) 4-Chloroaniline	8.32	127	381161	26.243	ng	99
34) Hexachlorobutadiene	8.38	225	159287	26.864	ng	98
35) Caprolactam	8.68	113	89129	26.133	ng	94
36) 4-Chloro-3-methylphenol	8.79	107	273353	26.982	ng	91
37) 2-Methylnaphthalene	8.96	142	555397	26.546	ng	97
38) 1-Methylnaphthalene	9.06	142	539926	26.632	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	272506	25.824	ng	99

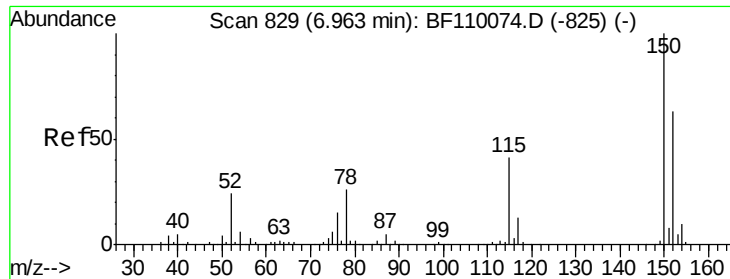
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	141496	27.781	ng	100
43) 2,4,6-Trichlorophenol	9.24	196	175853	26.651	ng	93
44) 2,4,5-Trichlorophenol	9.27	196	188872	27.580	ng	96
46) 1,1'-Biphenyl	9.43	154	807680	26.460	ng	100
47) 2-Chloronaphthalene	9.46	162	587502	26.130	ng	98
48) 2-Nitroaniline	9.55	65	178731	30.976	ng	98
49) Acenaphthylene	9.87	152	855487	26.191	ng	99
50) Dimethylphthalate	9.72	163	645337	26.602	ng	99
51) 2,6-Dinitrotoluene	9.79	165	142422	30.910	ng	98
52) Acenaphthene	10.05	154	559888	26.924	ng	99
53) 3-Nitroaniline	9.96	138	168256	30.019	ng	94
54) 2,4-Dinitrophenol	10.06	184	45573	38.662	ng	# 87
55) Dibenzofuran	10.22	168	796807	26.868	ng	96
56) 4-Nitrophenol	10.10	139	126575	29.597	ng	96
57) 2,4-Dinitrotoluene	10.19	165	181045	33.435	ng	# 88
58) Fluorene	10.56	166	588212	27.246	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	154737	28.510	ng	96
60) Diethylphthalate	10.42	149	644891	26.915	ng	100
61) 4-Chlorophenyl-phenylether	10.55	204	313541	27.881	ng	95
62) 4-Nitroaniline	10.57	138	165622	31.216	ng	92
63) Azobenzene	10.71	77	639638	25.554	ng	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	70878	33.459	ng	78
66) n-Nitrosodiphenylamine	10.67	169	562522	25.553	ng	97
67) 4-Bromophenyl-phenylether	11.04	248	186080	25.978	ng	92
68) Hexachlorobenzene	11.11	284	196452	25.719	ng	98
69) Atrazine	11.19	200	179820	26.151	ng	99
70) Pentachlorophenol	11.30	266	118222	27.196	ng	97
71) Phenanthrene	11.53	178	897888	26.240	ng	100
72) Anthracene	11.58	178	905649	26.326	ng	98
73) Carbazole	11.73	167	879814	26.023	ng	99
74) Di-n-butylphthalate	12.05	149	1001583	26.545	ng	100
75) Fluoranthene	12.72	202	915381	26.779	ng	98
77) Benzidine	12.84	184	417796	20.469	ng	98
78) Pyrene	12.95	202	939713	24.034	ng	99
80) Butylbenzylphthalate	13.56	149	417187	26.392	ng	97
81) Benzo(a)anthracene	14.14	228	790664	25.215	ng	99
82) 3,3'-Dichlorobenzidine	14.10	252	298479	27.152	ng	99
83) Chrysene	14.17	228	758266	25.406	ng	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	564946	27.161	ng	95
85) Di-n-octyl phthalate	14.73	149	888500	30.299	ng	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	572171	23.810	ng	# 95
88) Benzo(b)fluoranthene	15.22	252	672199	26.731	ng	98
89) Benzo(k)fluoranthene	15.24	252	619143	24.980	ng	# 97
90) Benzo(a)pyrene	15.60	252	586067	25.341	ng	97
91) Dibenzo(a,h)anthracene	17.24	278	482888	23.560	ng	97
92) Benzo(g,h,i)perylene	17.70	276	453307	21.890	ng	96

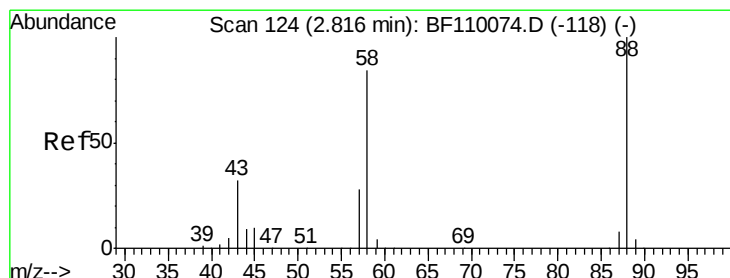
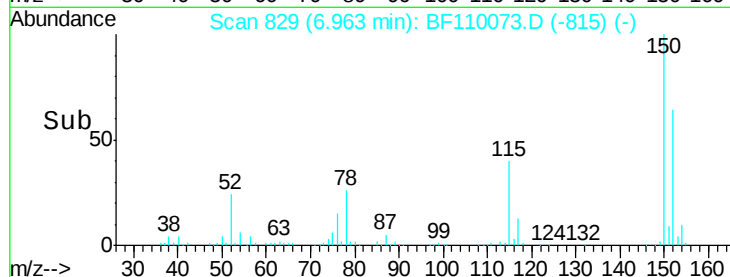
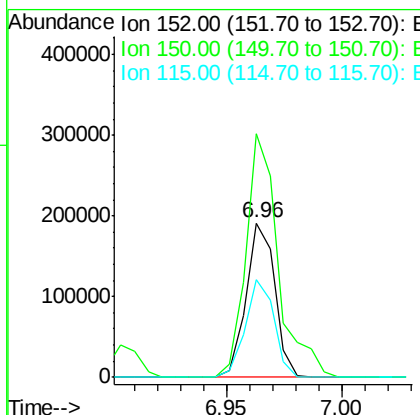
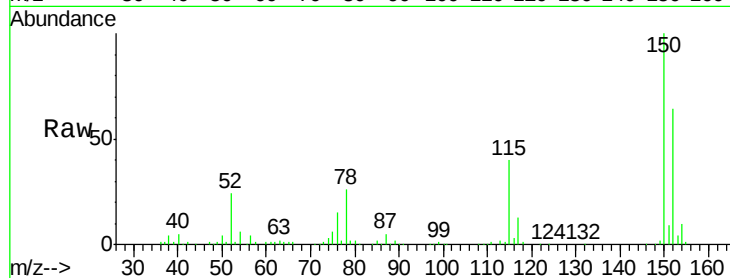
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.02 min
 Lab File: BF110073.D
 Acq: 23 Oct 2018 12:13

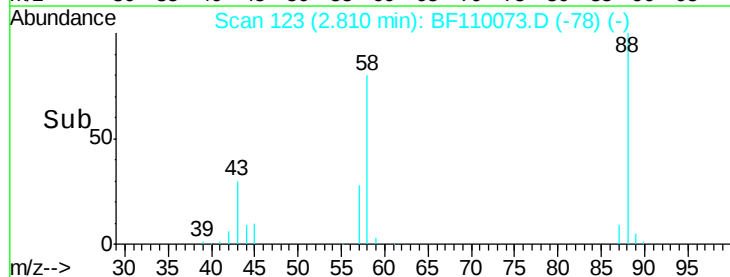
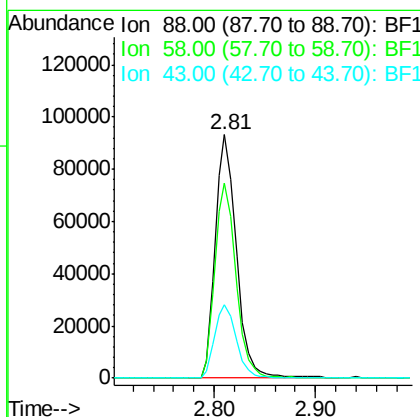
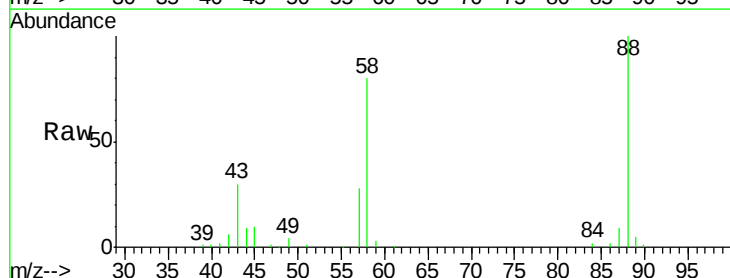
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

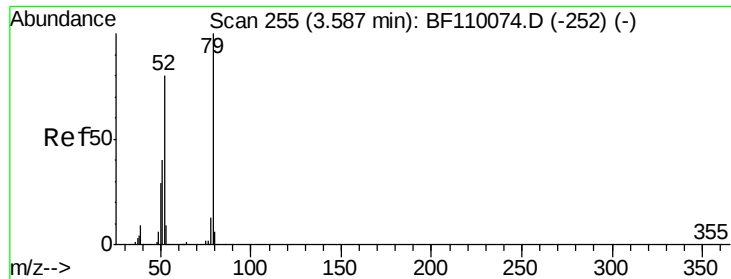
Tgt Ion:152 Resp: 167023
 Ion Ratio Lower Upper
 152 100
 150 157.5 122.7 184.1
 115 63.3 49.1 73.7



#2
 1,4-Dioxane
 Concen: 22.621 ng
 RT: 2.81 min Scan# 123
 Delta R.T. -0.04 min
 Lab File: BF110073.D
 Acq: 23 Oct 2018 12:13

Tgt Ion: 88 Resp: 135380
 Ion Ratio Lower Upper
 88 100
 58 79.6 57.1 85.7
 43 30.6 24.1 36.1





#3

Pyridine

Concen: 22.515 ng

RT: 3.59 min Scan# 255

Delta R.T. -0.03 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

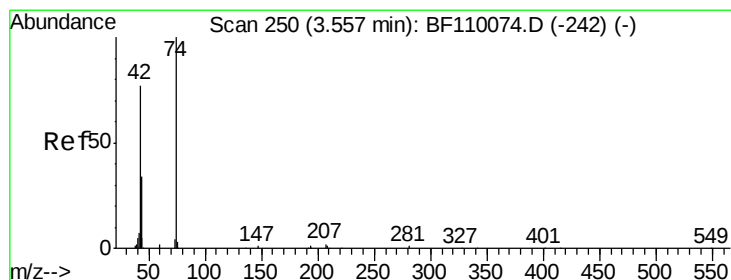
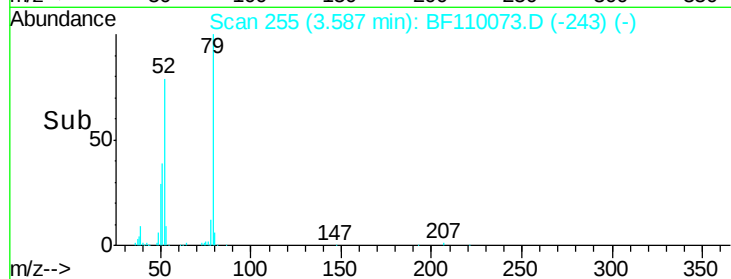
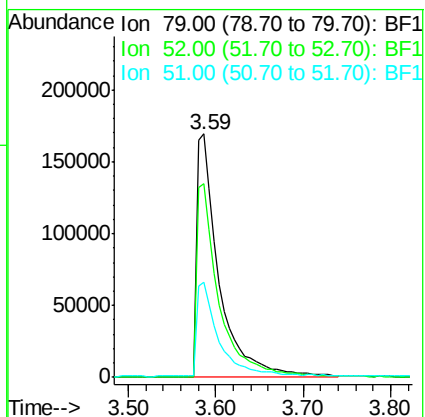
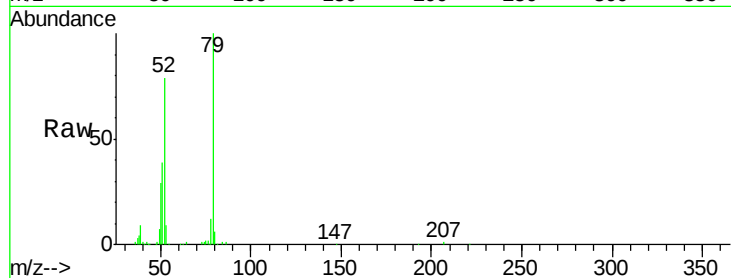
Tgt Ion: 79 Resp: 300404

Ion Ratio Lower Upper

79 100

52 79.4 53.1 79.7

51 39.3 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 23.183 ng

RT: 3.54 min Scan# 247

Delta R.T. -0.04 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

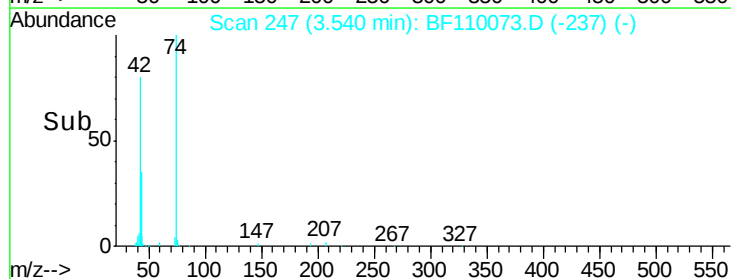
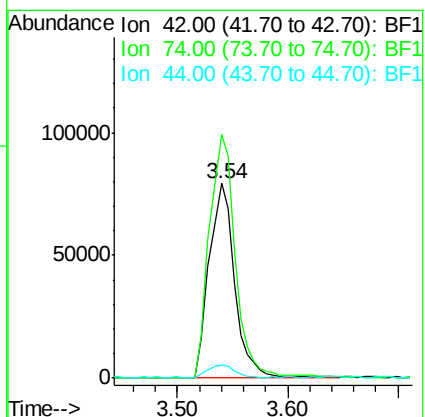
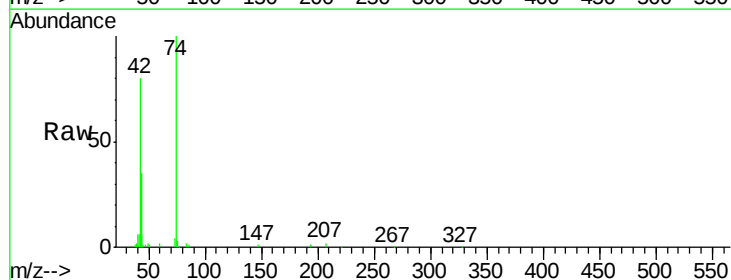
Tgt Ion: 42 Resp: 126178

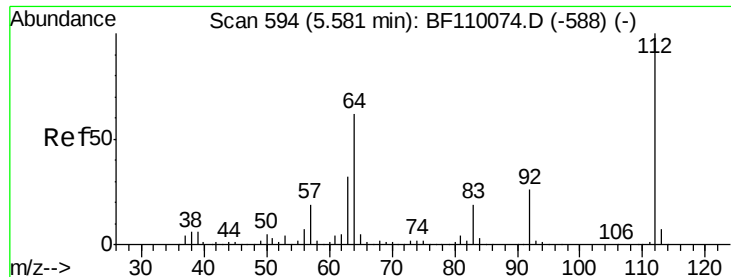
Ion Ratio Lower Upper

42 100

74 125.2 105.5 158.3

44 7.0 4.9 7.3





#5

2-Fluorophenol

Concen: 50.229 ng

RT: 5.57 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

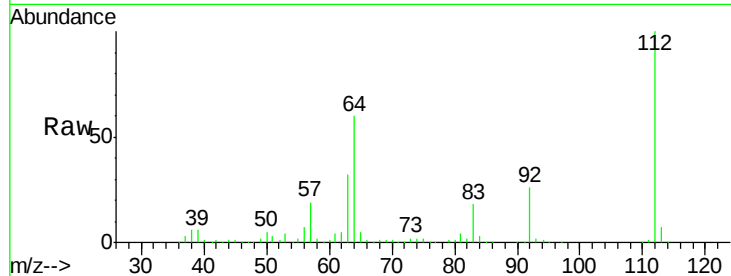
Tgt Ion: 112 Resp: 529250

Ion Ratio Lower Upper

112 100

64 60.2 44.1 66.1

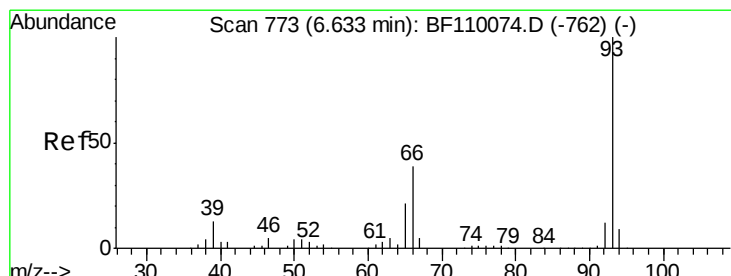
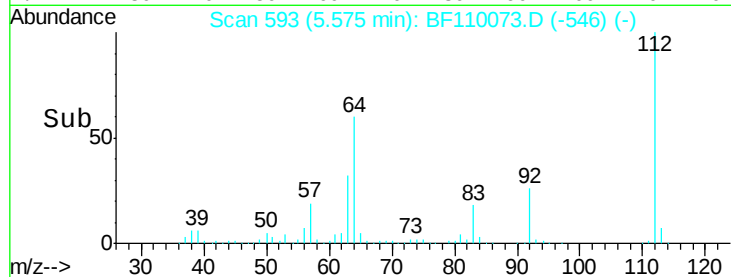
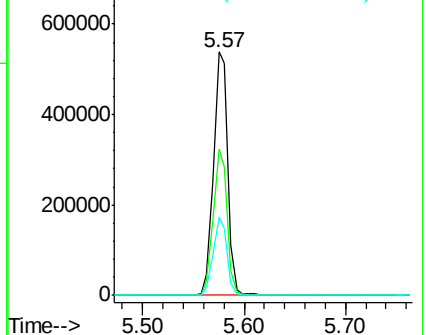
63 32.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.962 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

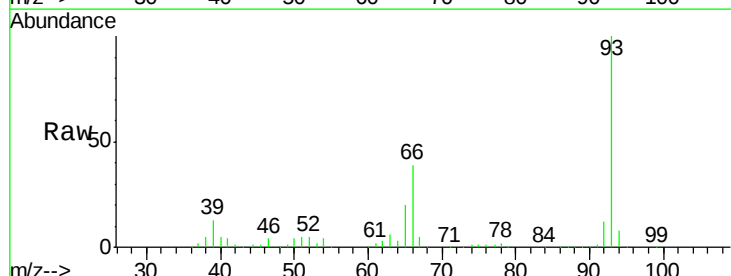
Tgt Ion: 93 Resp: 440140

Ion Ratio Lower Upper

93 100

66 39.2 67.4 101.0#

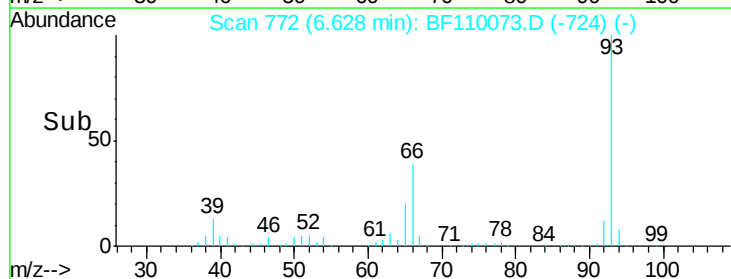
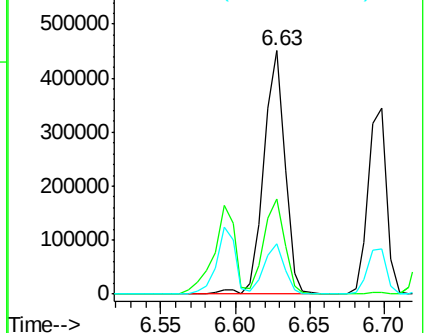
65 20.5 41.0 61.4#

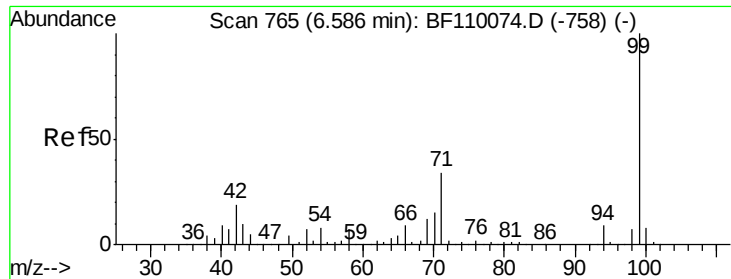


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 51.184 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

Instrument :

BNA_F

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SSTDIC025

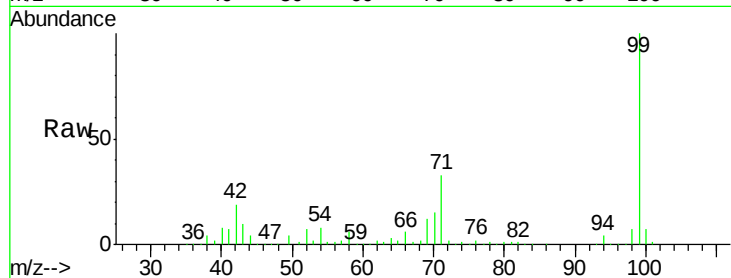
Tgt Ion: 99 Resp: 669689

Ion Ratio Lower Upper

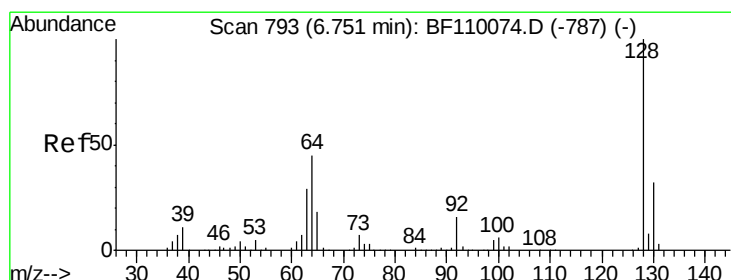
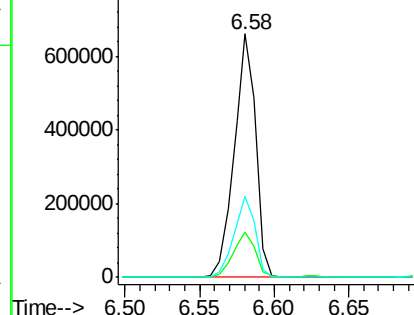
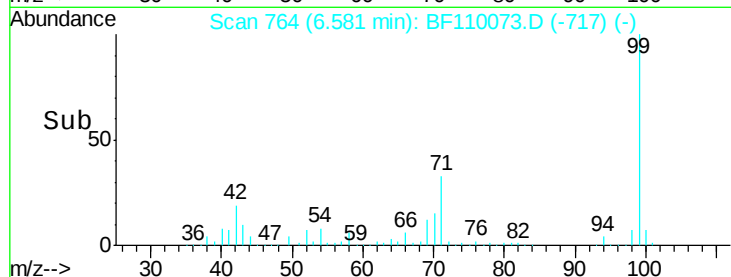
99 100

42 18.6 15.8 23.6

71 33.4 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: 26.123 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

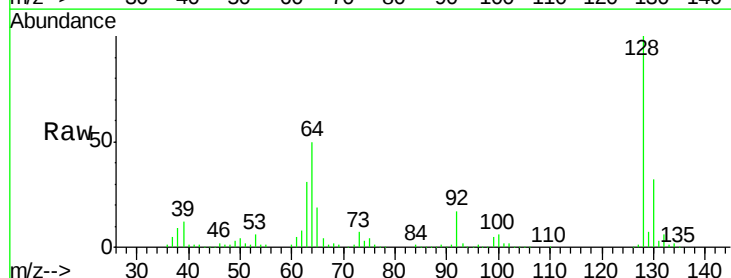
Tgt Ion: 128 Resp: 308321

Ion Ratio Lower Upper

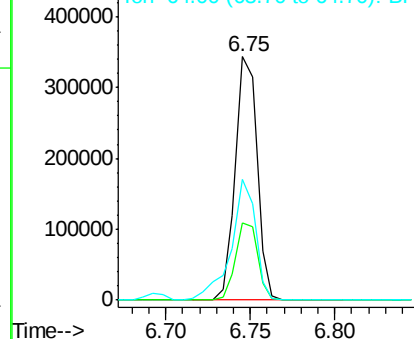
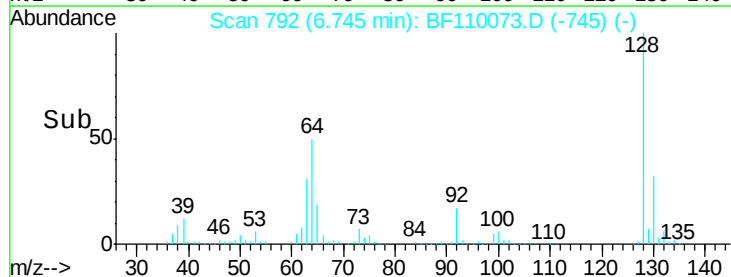
128 100

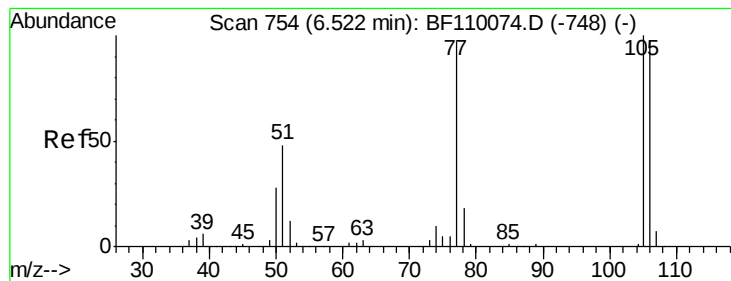
130 31.8 13.1 53.1

64 49.8 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): B
Ion 130.00 (129.70 to 130.70): B
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.295 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

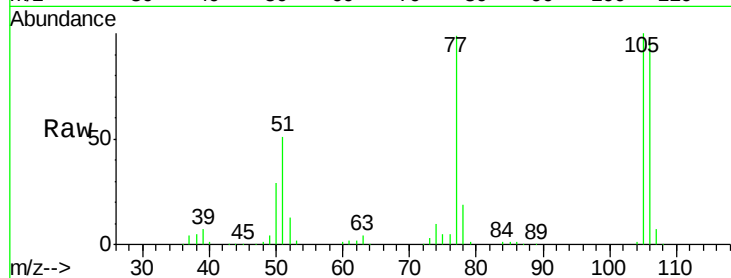
Tgt Ion: 77 Resp: 215076

Ion Ratio Lower Upper

77 100

105 100.7 78.6 118.6

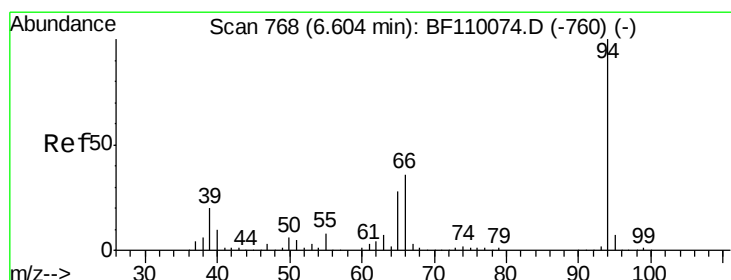
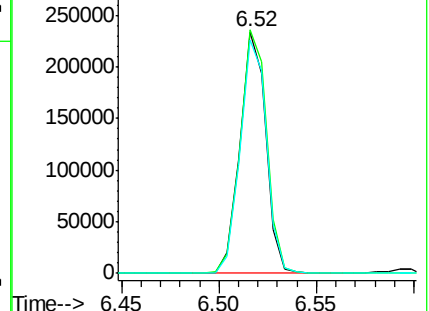
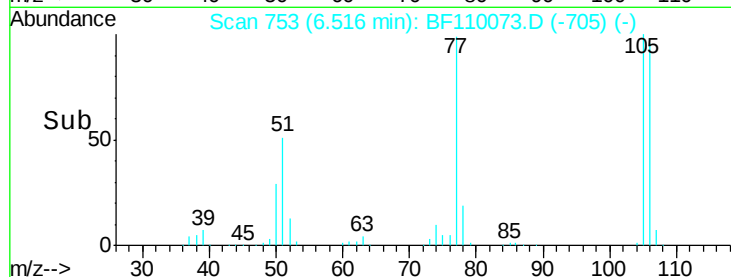
106 96.7 74.8 114.8



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: 25.292 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

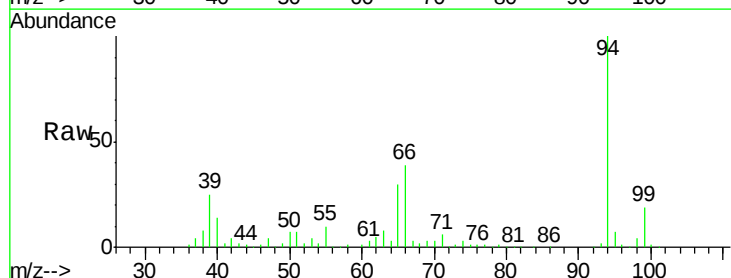
Tgt Ion: 94 Resp: 357283

Ion Ratio Lower Upper

94 100

65 30.1 25.3 65.3

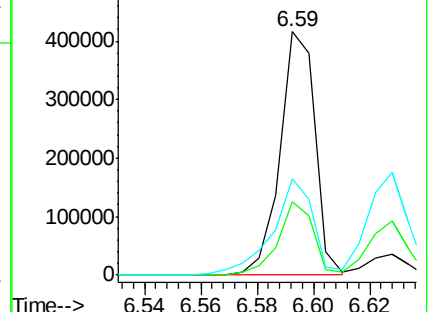
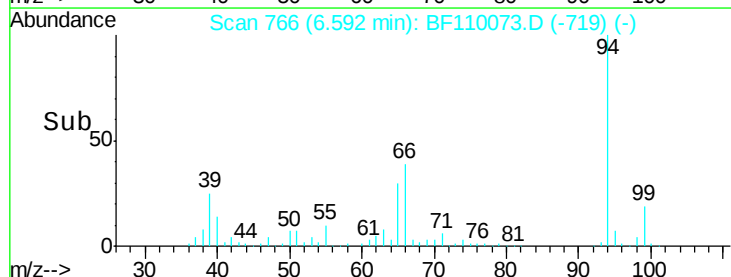
66 39.4 54.5 94.5#

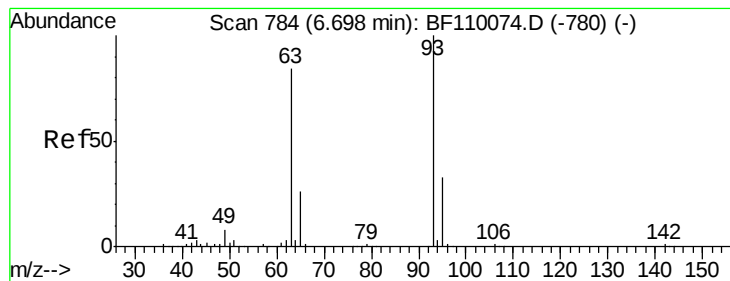


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 24.797 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

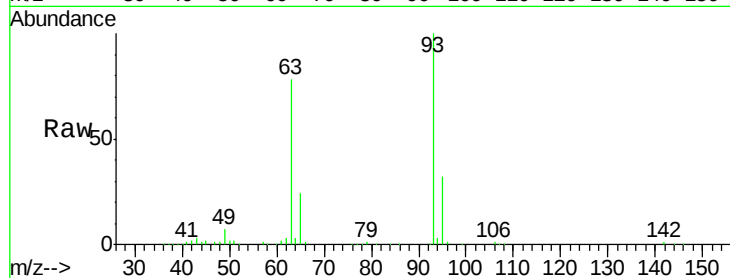
Tgt Ion: 93 Resp: 292886

Ion Ratio Lower Upper

93 100

63 77.8 53.4 93.4

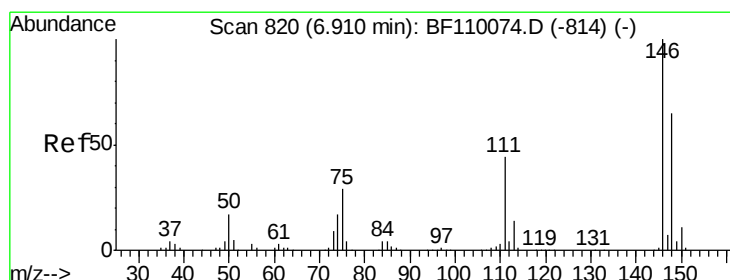
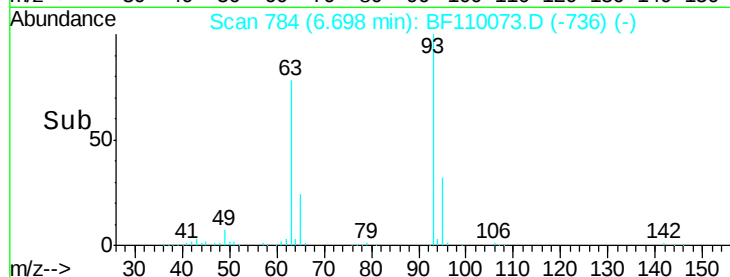
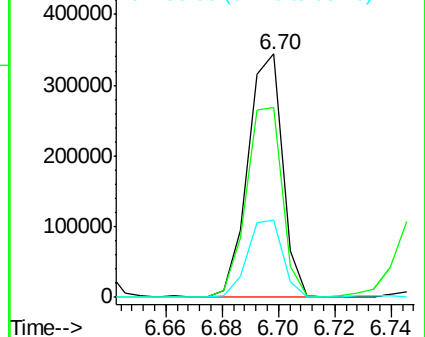
95 31.7 12.1 52.1



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 25.821 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

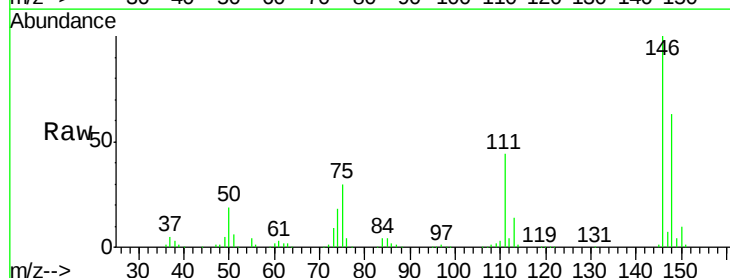
Tgt Ion: 146 Resp: 334186

Ion Ratio Lower Upper

146 100

148 63.2 50.4 75.6

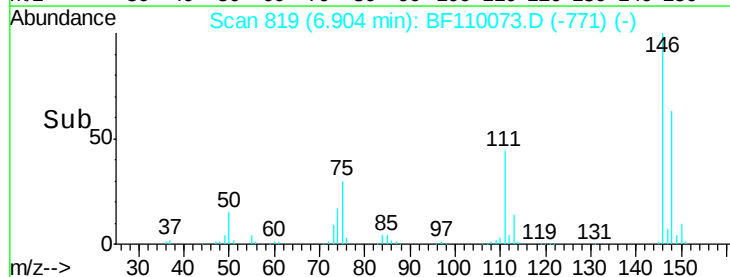
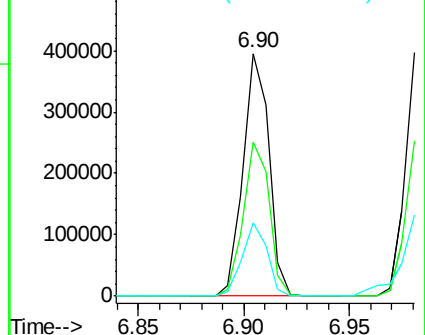
75 30.4 25.8 38.6

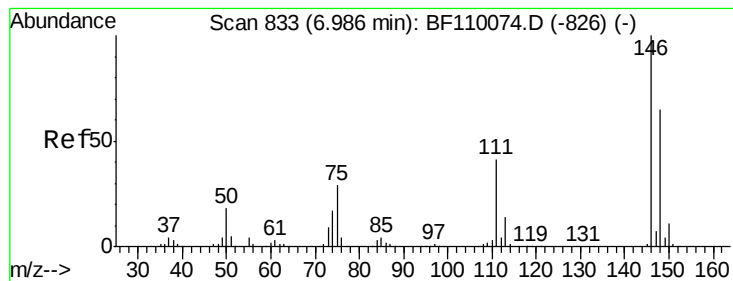


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 25.735 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

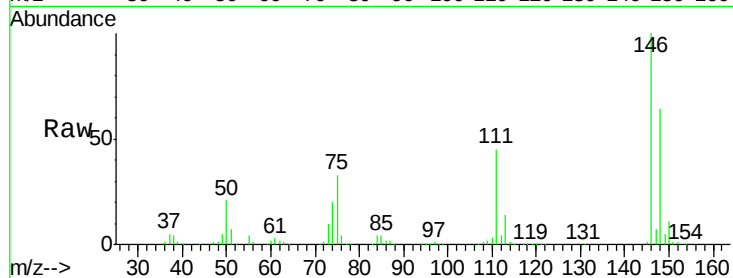
Tgt Ion:146 Resp: 335433

Ion Ratio Lower Upper

146 100

148 63.6 50.3 75.5

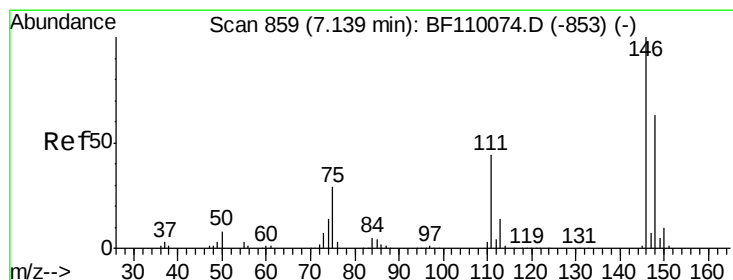
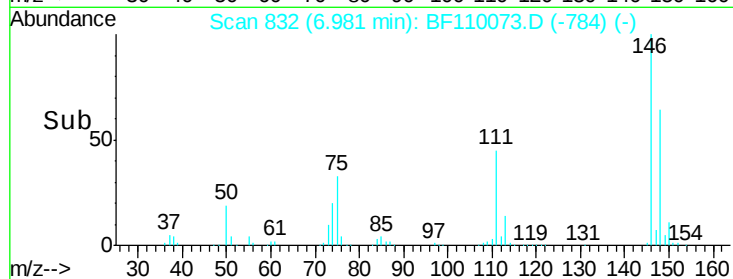
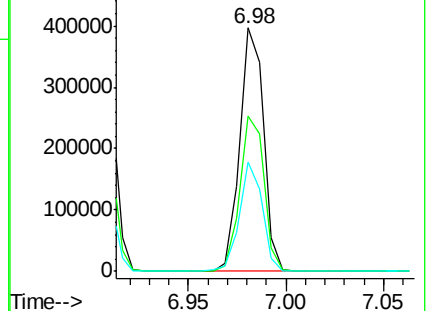
111 44.6 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 26.444 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

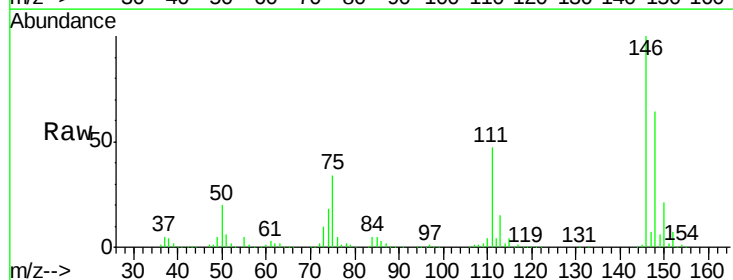
Tgt Ion:146 Resp: 317390

Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

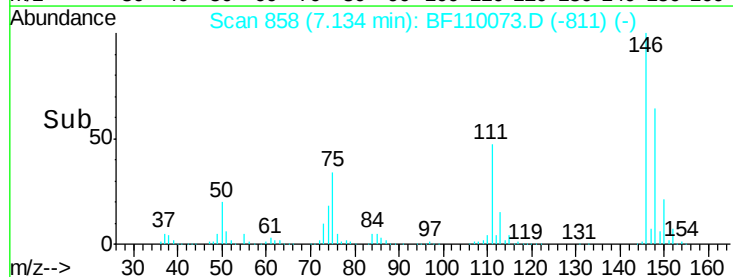
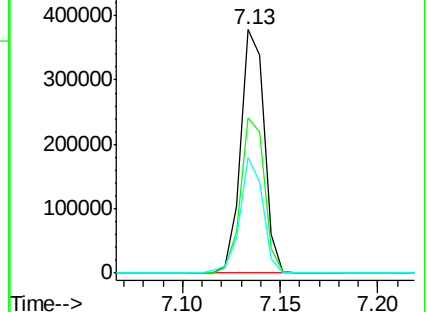
111 47.4 35.8 53.6

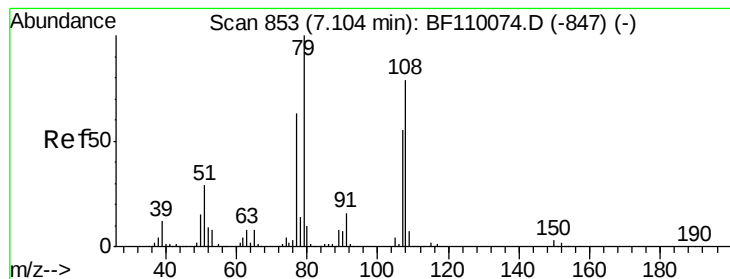


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 26.054 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

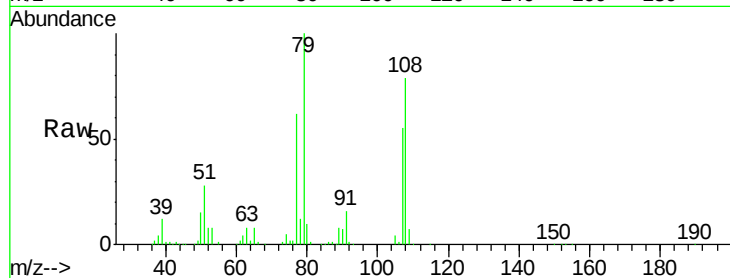
Tgt Ion: 79 Resp: 262257

Ion Ratio Lower Upper

79 100

108 78.6 56.3 84.5

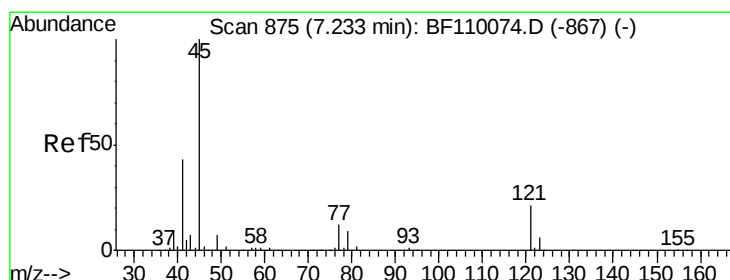
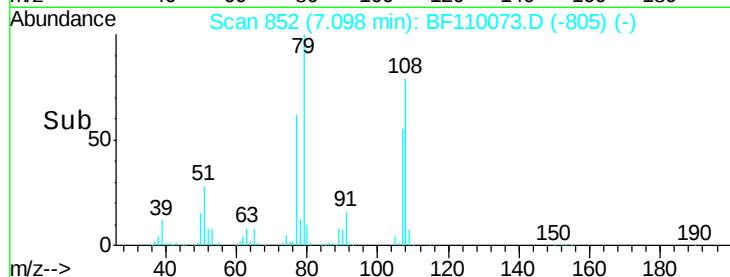
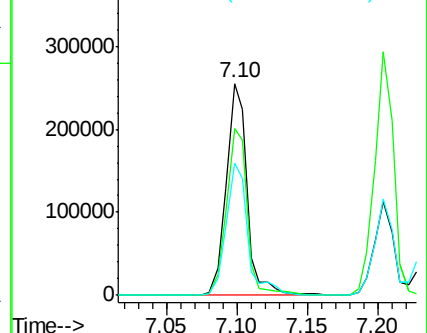
77 62.2 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.560 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

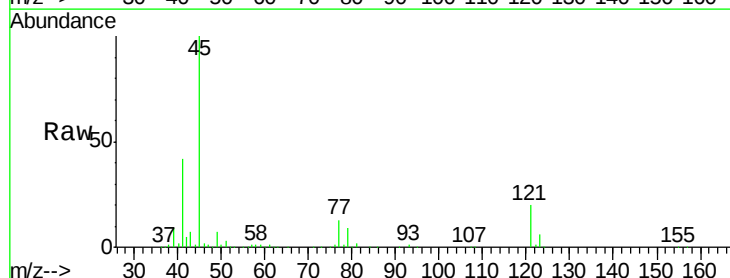
Tgt Ion: 45 Resp: 476132

Ion Ratio Lower Upper

45 100

77 12.6 10.0 50.0

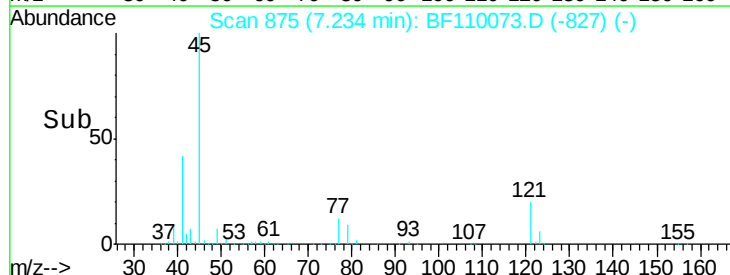
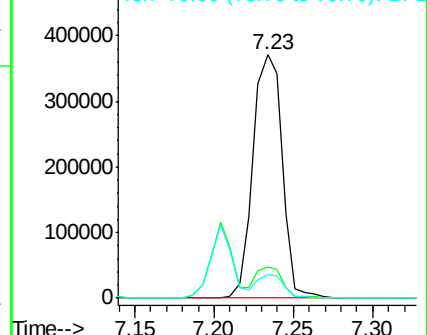
79 9.4 6.1 46.1

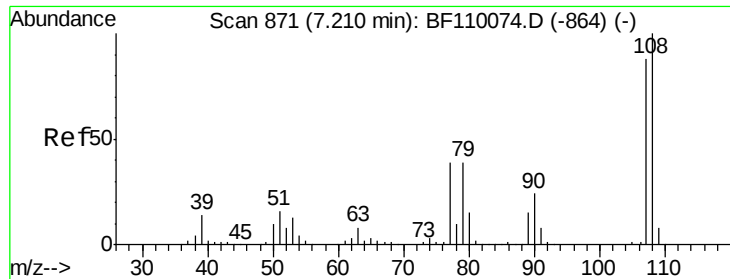


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

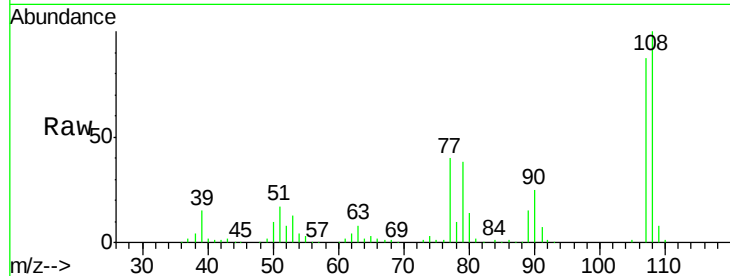




#17
2-Methylphenol
Concen: 25.098 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF110073.D
Acq: 23 Oct 2018 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.0	92.6	138.8
77	45.5	59.4	89.2#
79	44.0	54.0	81.0#



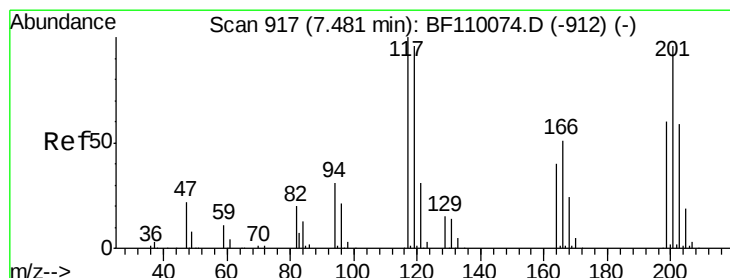
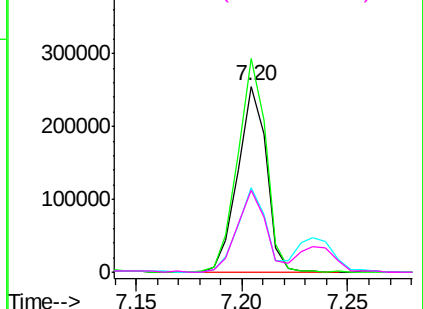
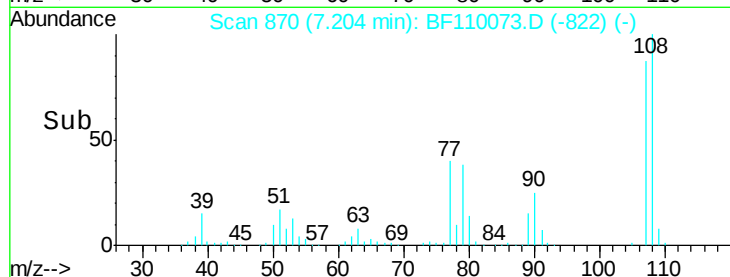
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

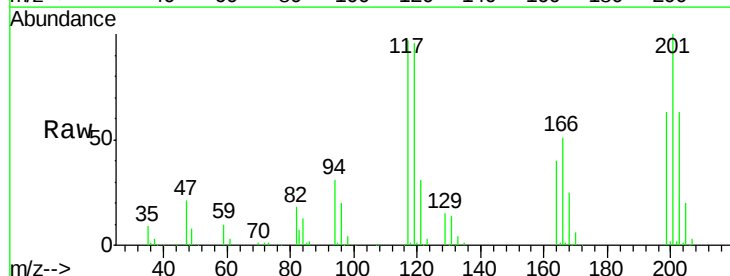
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 26.412 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110073.D
Acq: 23 Oct 2018 12:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.2	75.0	112.6
201	103.5	79.2	118.8

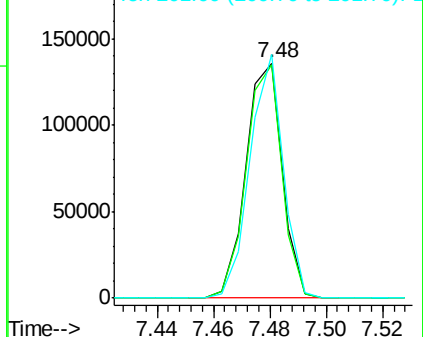
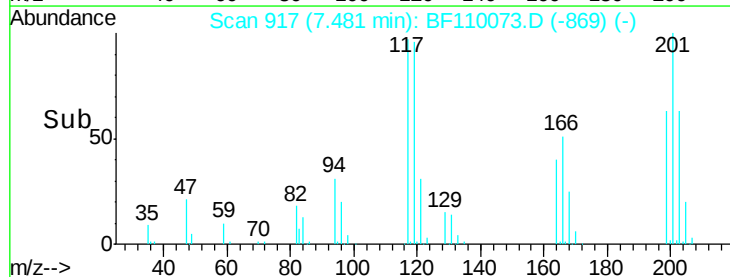


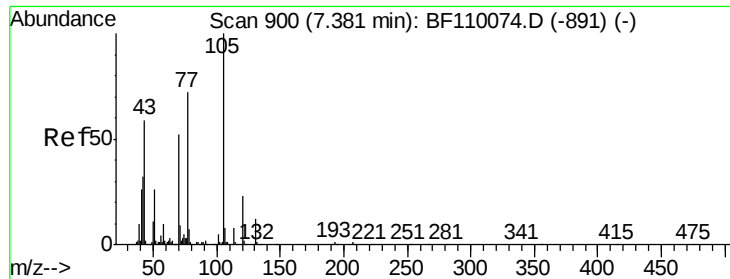
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

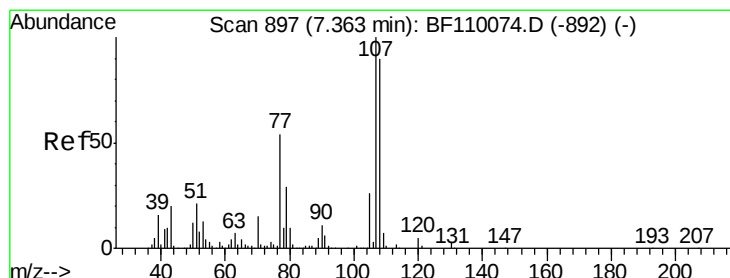
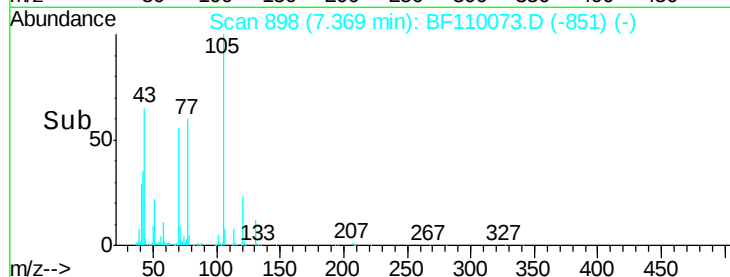
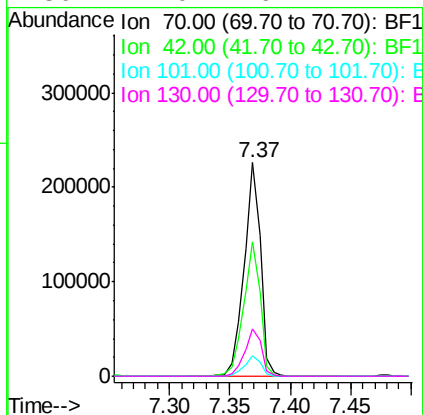
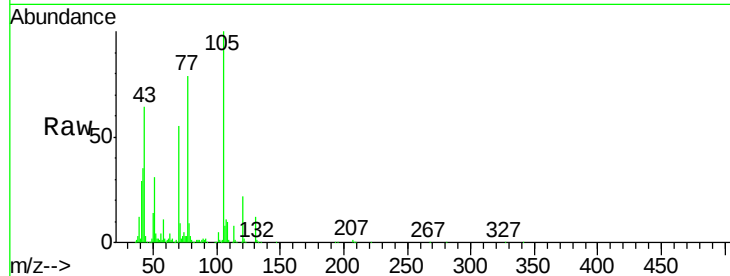




#19
n-Nitroso-di-n-propylamine
Concen: 25.648 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF110073.D
Acq: 23 Oct 2018 12:13

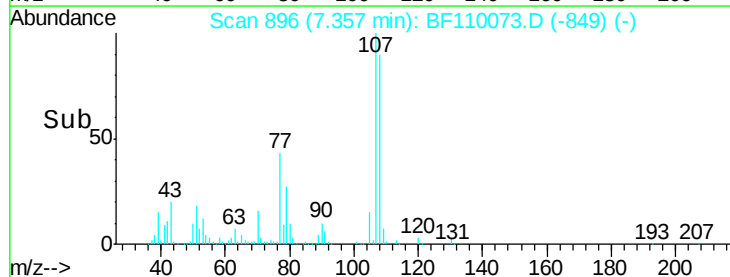
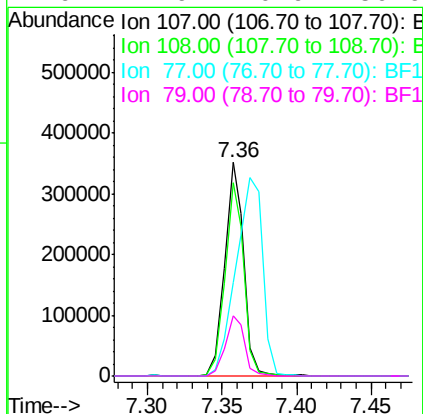
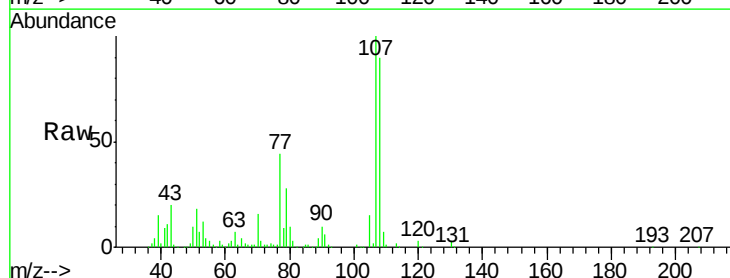
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion:	70	Resp:	215466
Ion	Ratio	Lower	Upper
70	100		
42	63.2	47.4	71.2
101	9.8	7.3	10.9
130	22.0	16.2	24.2



#20
3+4-Methylphenols
Concen: 26.461 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF110073.D
Acq: 23 Oct 2018 12:13

Tgt Ion:	107	Resp:	319587
Ion	Ratio	Lower	Upper
107	100		
108	90.2	71.4	111.4
77	43.7	47.3	87.3#
79	27.9	10.9	50.9

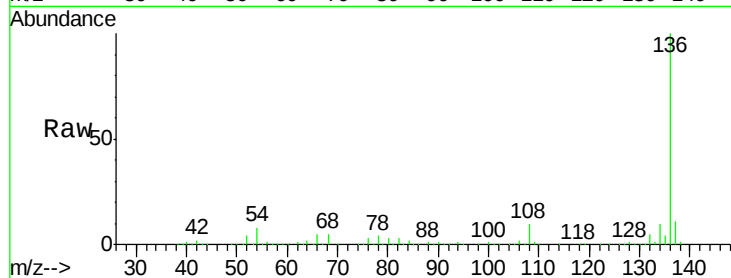




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110073.D
Acq: 23 Oct 2018 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tgt Ion:	136	Resp:	704612
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	7.8	5.4	8.2
68	5.5	4.2	6.2



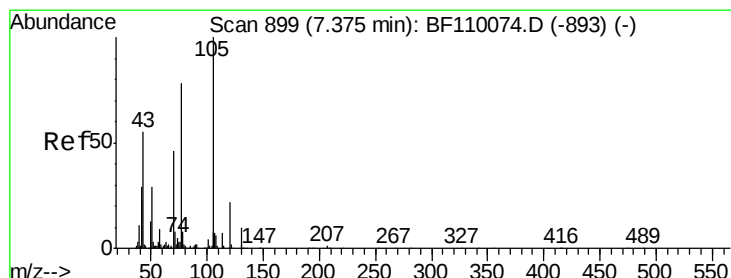
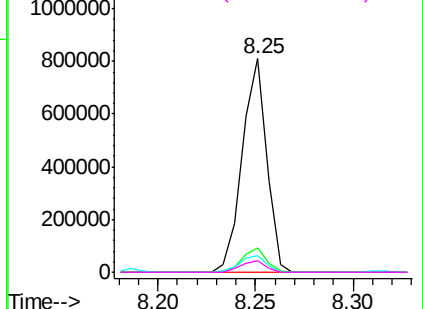
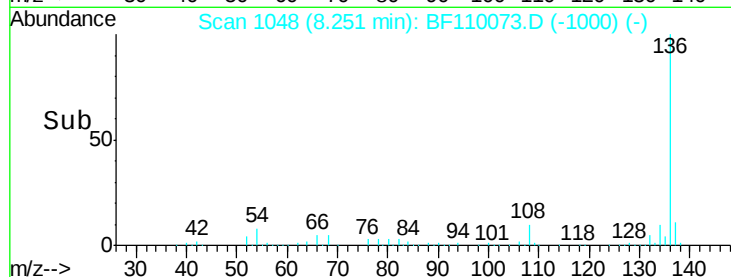
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

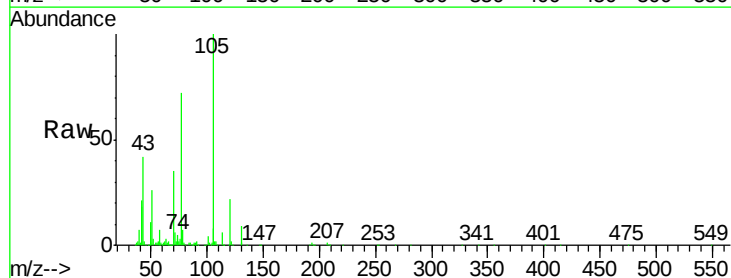
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 25.937 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110073.D
Acq: 23 Oct 2018 12:13

Tgt Ion:	105	Resp:	423816
Ion	Ratio	Lower	Upper
105	100		
71	6.2	5.2	7.8
51	26.4	21.8	32.8
120	22.3	17.0	25.4



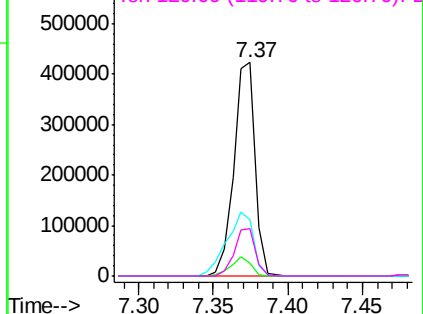
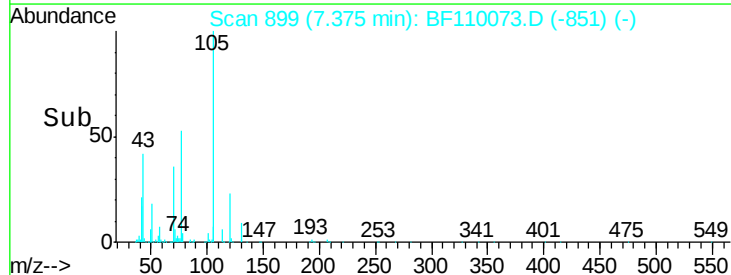
Abundance

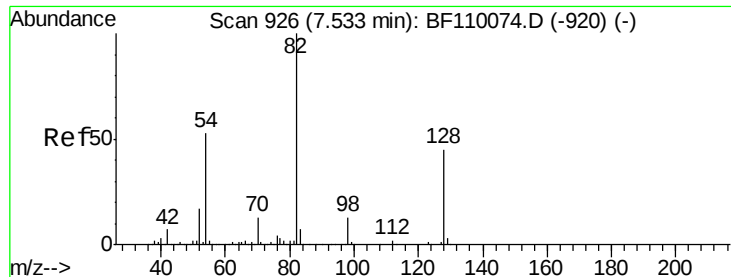
Ion 105.00 (104.70 to 105.70): E

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

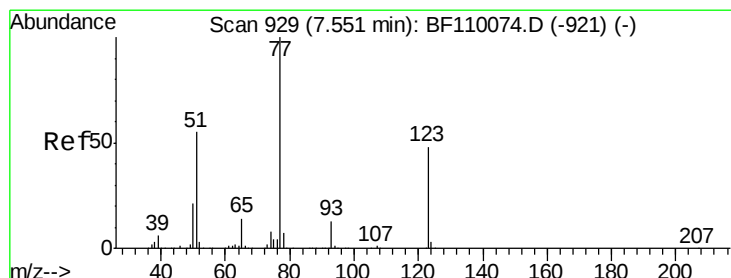
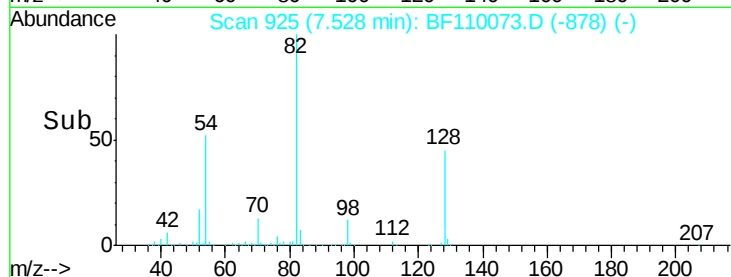
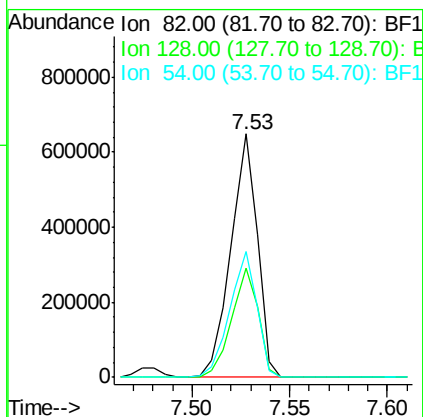
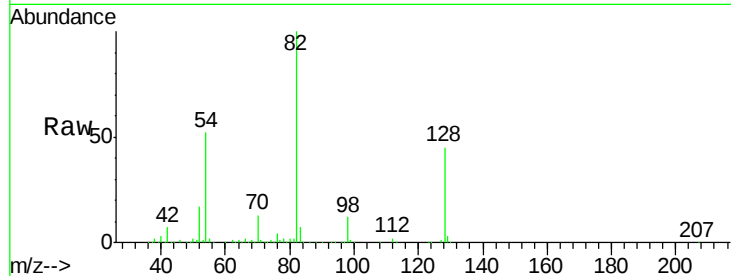




#23
 Nitrobenzene-d5
 Concen: 58.527 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF110073.D
 Acq: 23 Oct 2018 12:13

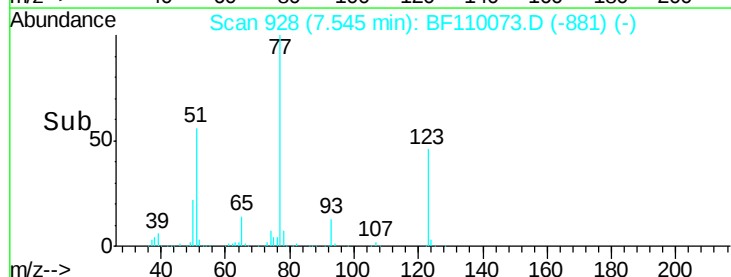
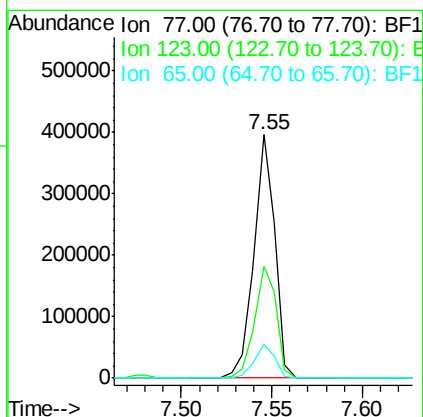
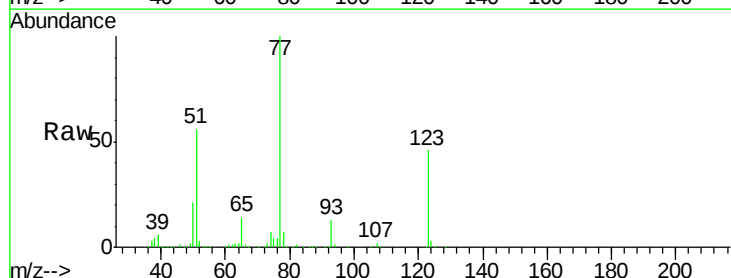
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.2	51.2
54	52.0	38.6	58.0



#24
 Nitrobenzene
 Concen: 27.890 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BF110073.D
 Acq: 23 Oct 2018 12:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.9	35.7	53.5
65	13.9	10.7	16.1





#25

Isophorone

Concen: 25.004 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

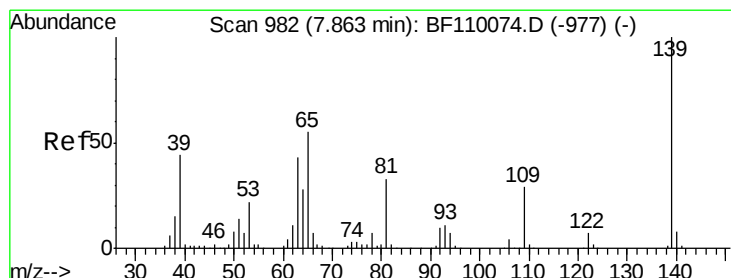
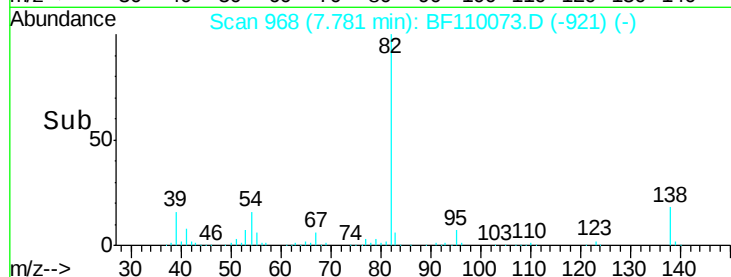
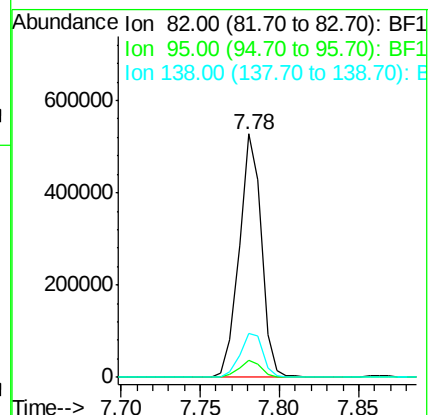
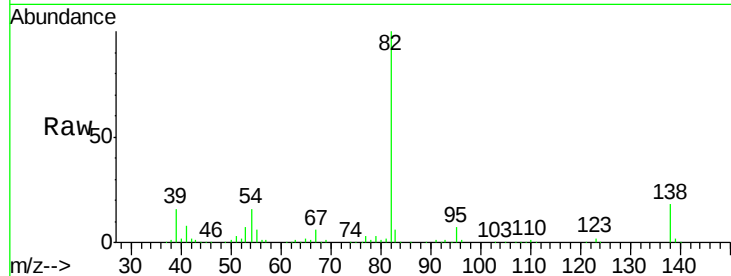
Tgt Ion: 82 Resp: 513888

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

138 18.2 13.2 19.8



#26

2-Nitrophenol

Concen: 31.737 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

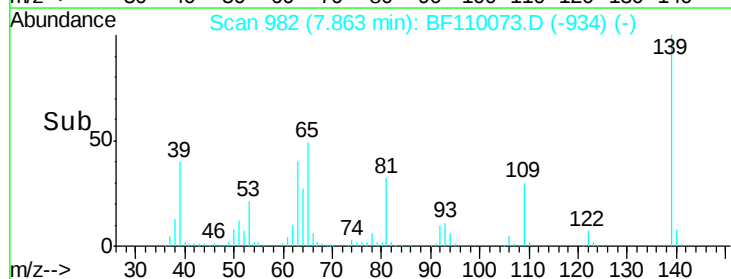
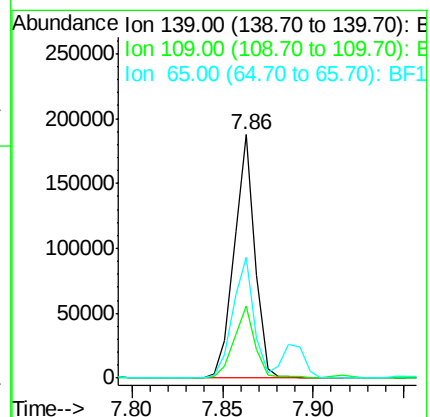
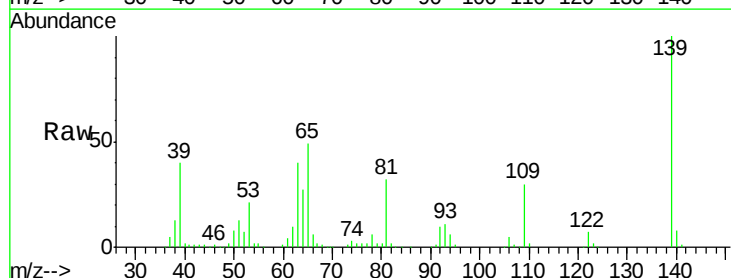
Tgt Ion: 139 Resp: 149523

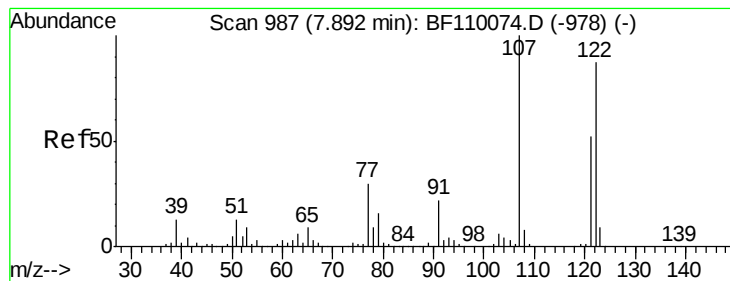
Ion Ratio Lower Upper

139 100

109 29.7 25.0 37.6

65 49.4 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 24.747 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

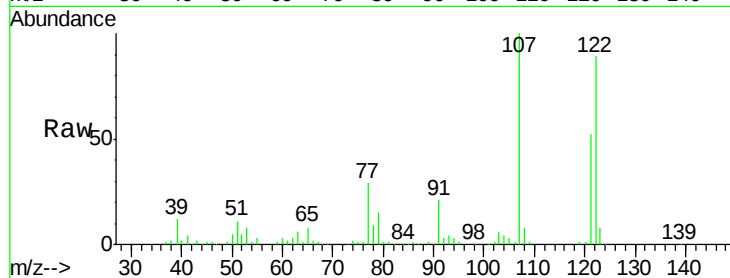
Tgt Ion: 122 Resp: 244986

Ion Ratio Lower Upper

122 100

107 112.6 92.5 138.7

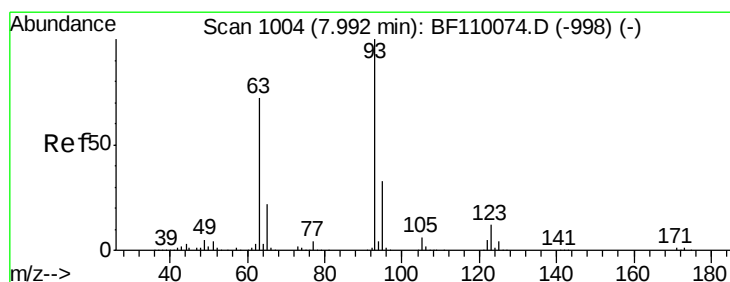
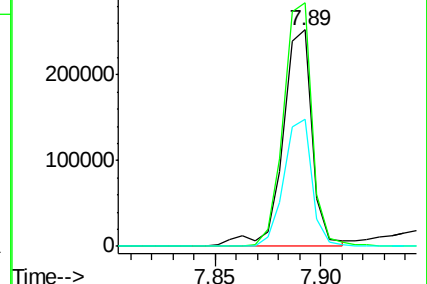
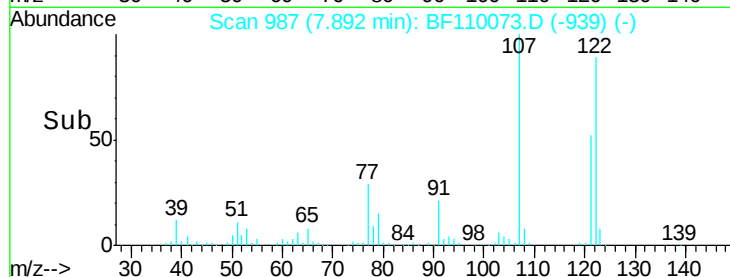
121 58.6 45.8 68.8



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: 24.915 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

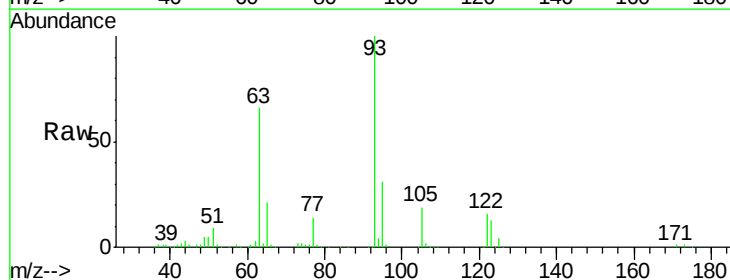
Tgt Ion: 93 Resp: 351423

Ion Ratio Lower Upper

93 100

95 31.5 26.4 39.6

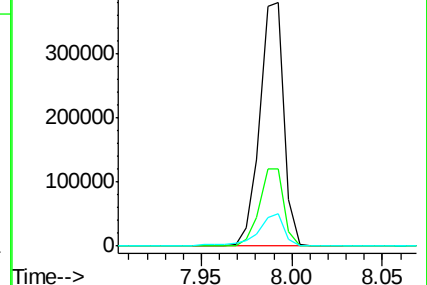
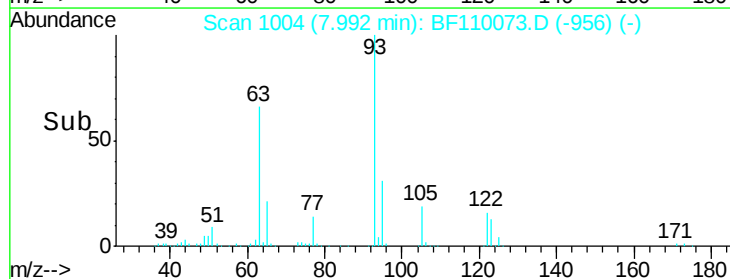
123 13.1 9.0 13.6

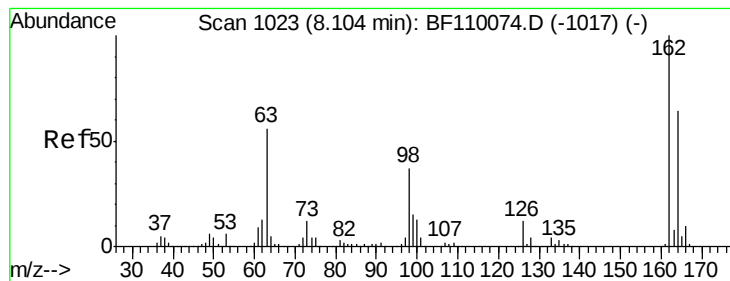


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

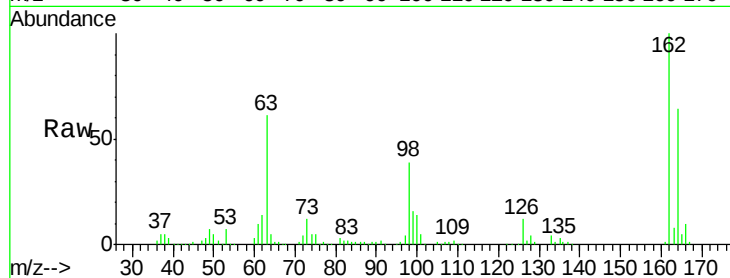




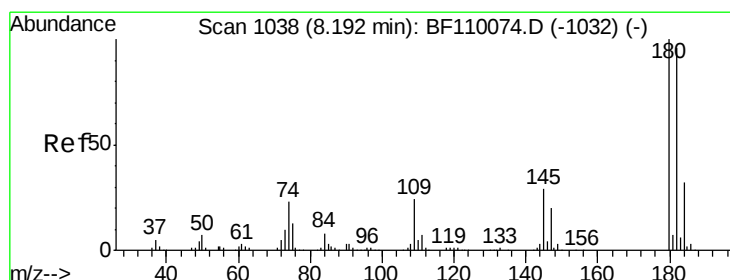
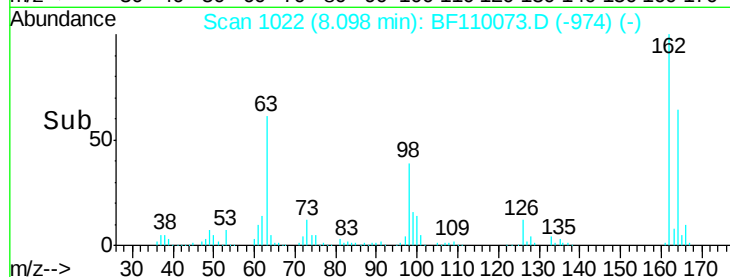
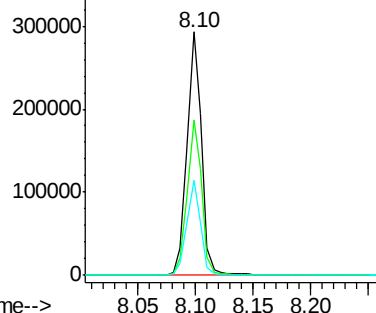
#29
 2,4-Dichlorophenol
 Concen: 26.469 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF110073.D
 Acq: 23 Oct 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.6	84.6
98	39.1	17.4	57.4

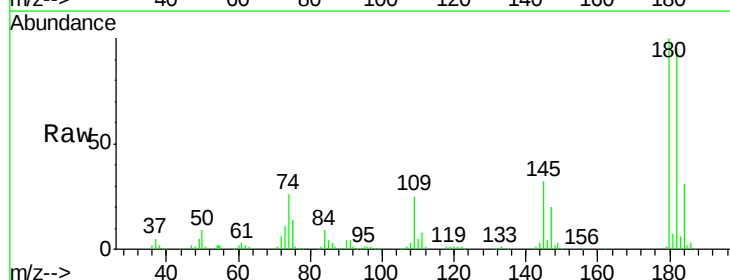


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

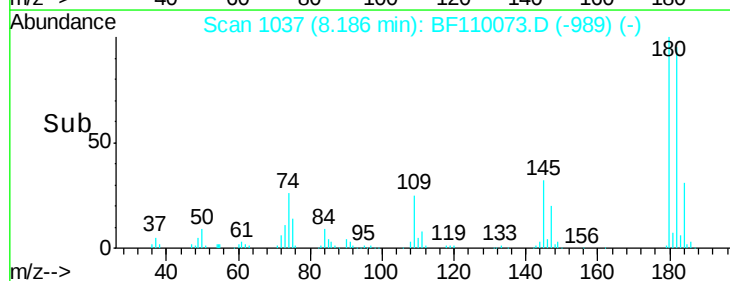
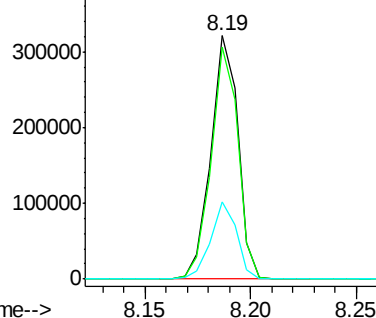


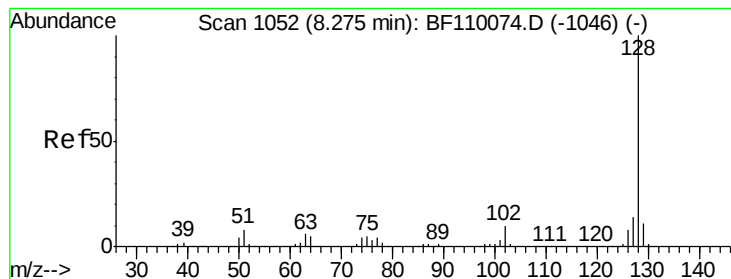
#30
 1,2,4-Trichlorobenzene
 Concen: 26.491 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF110073.D
 Acq: 23 Oct 2018 12:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	80.3	120.5
145	31.8	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: 26.179 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

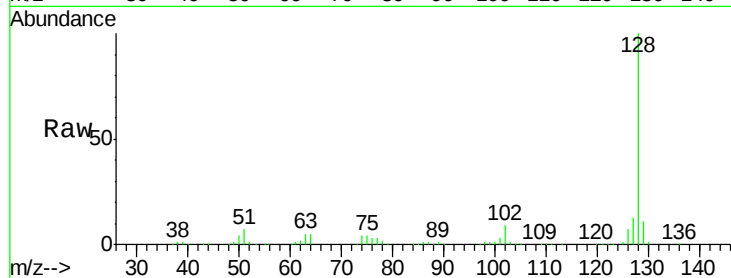
Tgt Ion:128 Resp: 845857

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

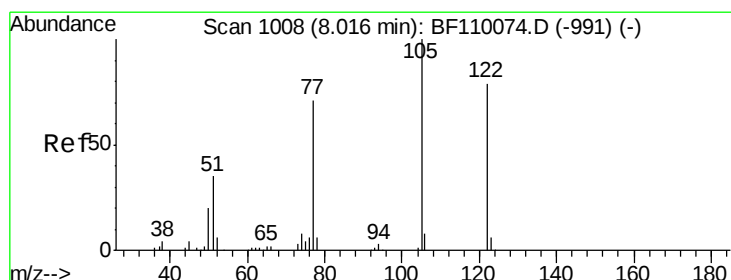
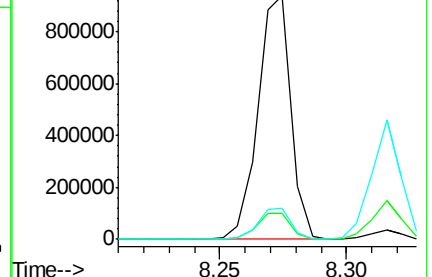
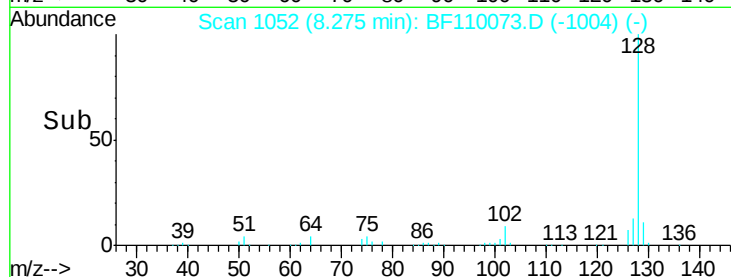
127 13.0 10.8 16.2



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: 28.178 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

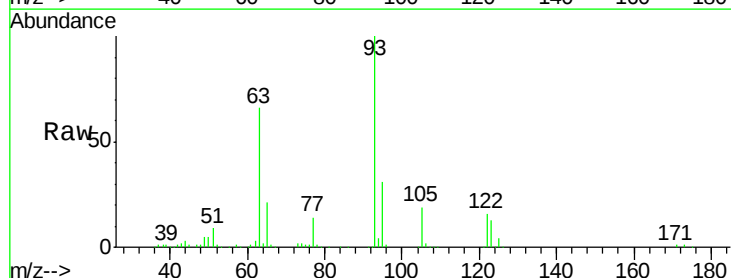
Tgt Ion:122 Resp: 173805

Ion Ratio Lower Upper

122 100

105 123.0 109.0 149.0

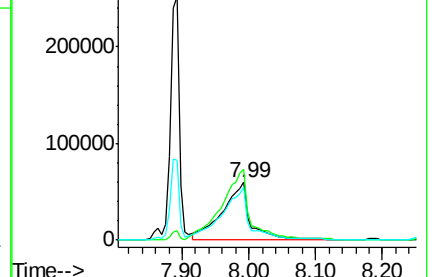
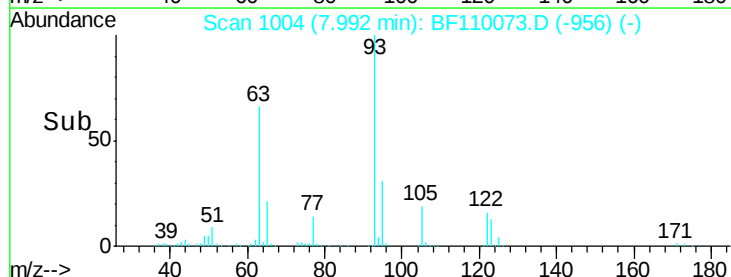
77 91.6 79.0 119.0

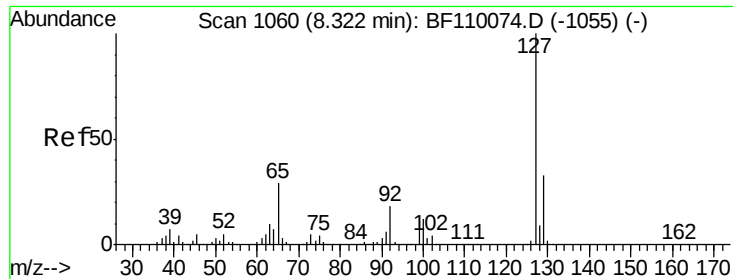


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

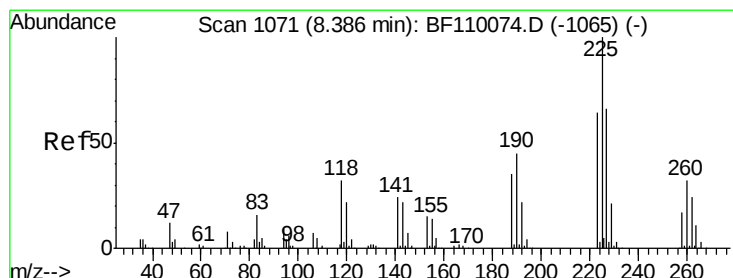
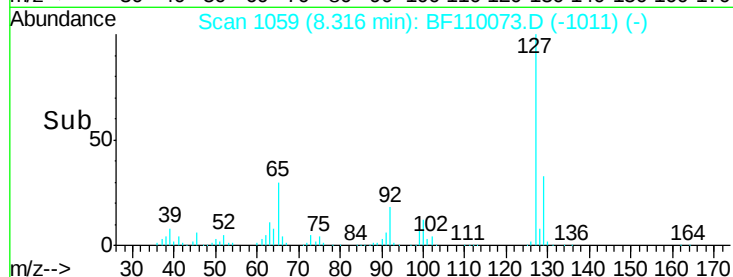
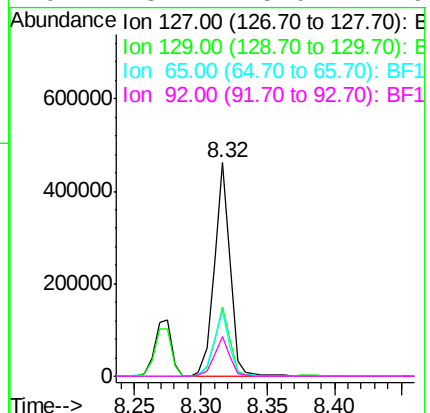
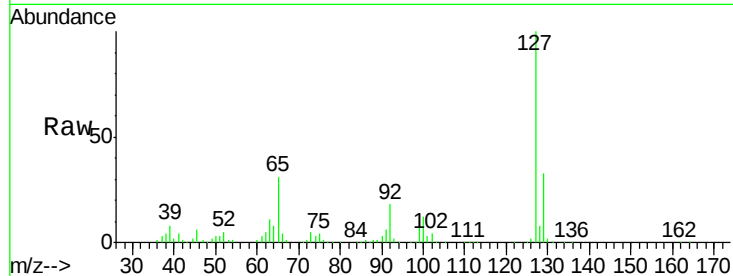




#33
4-Chloroaniline
Concen: 26.243 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF110073.D
Acq: 23 Oct 2018 12:13

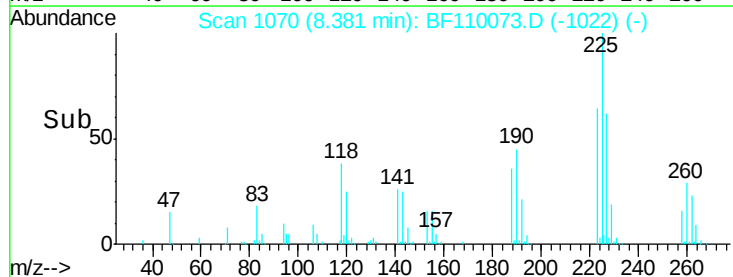
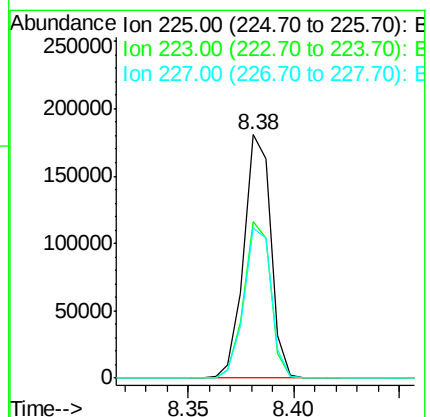
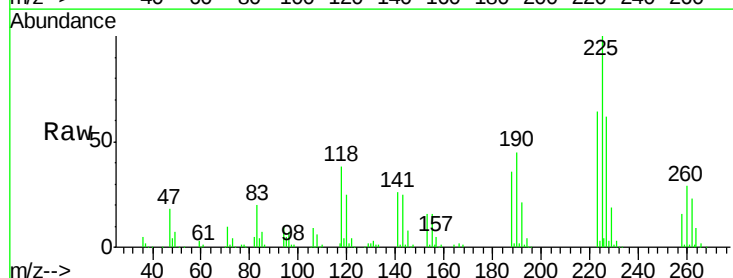
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

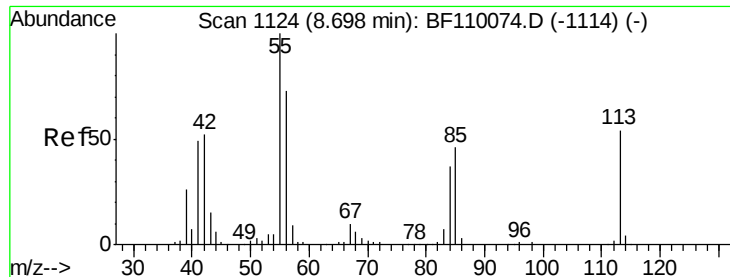
Tgt Ion:	127	Resp:	381161
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	30.5	25.1	37.7
92	18.4	15.0	22.6



#34
Hexachlorobutadiene
Concen: 26.864 ng
RT: 8.38 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF110073.D
Acq: 23 Oct 2018 12:13

Tgt Ion:	225	Resp:	159287
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.4	77.2
227	61.5	51.0	76.6

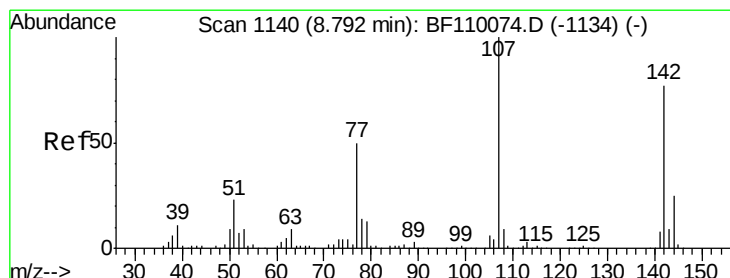
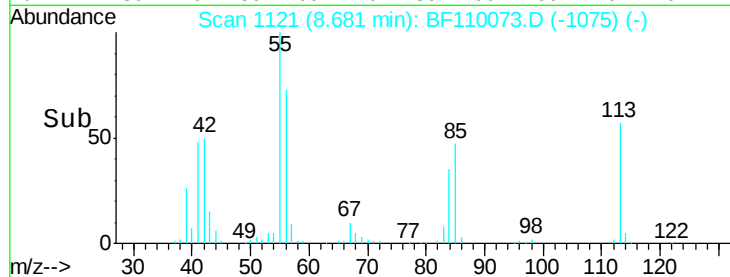
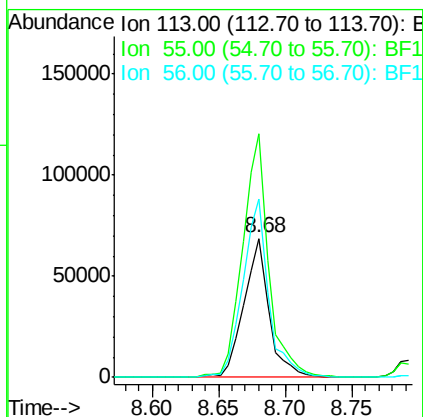
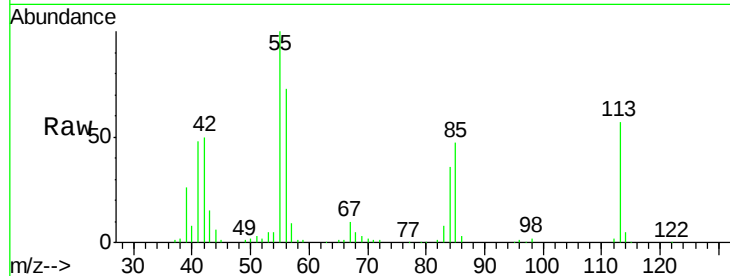




#35
 Caprolactam
 Concen: 26.133 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.03 min
 Lab File: BF110073.D
 Acq: 23 Oct 2018 12:13

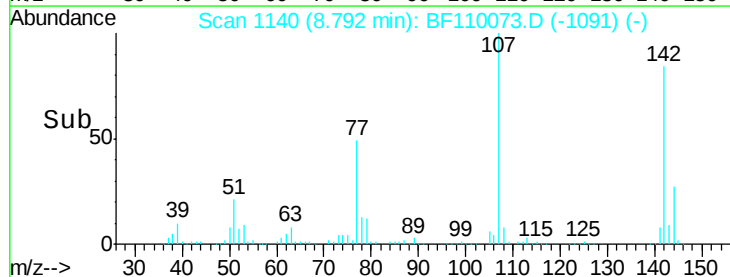
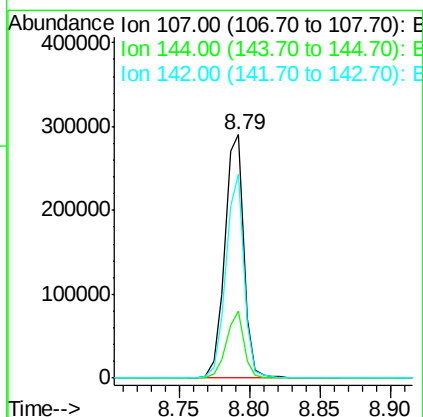
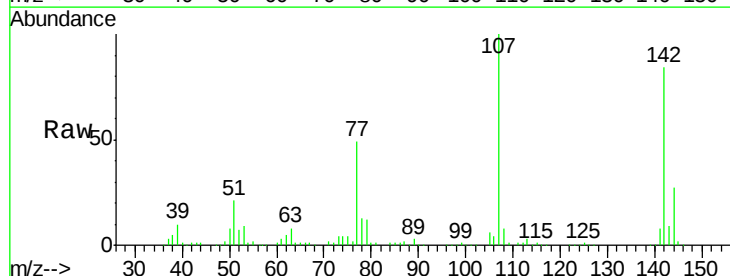
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

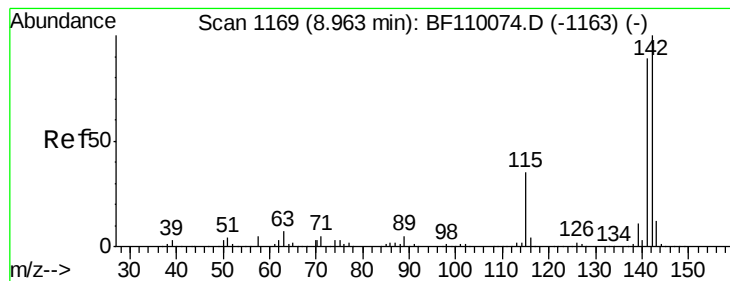
Tgt Ion:113 Resp: 89129
 Ion Ratio Lower Upper
 113 100
 55 174.9 142.8 182.8
 56 127.8 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 26.982 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF110073.D
 Acq: 23 Oct 2018 12:13

Tgt Ion:107 Resp: 273353
 Ion Ratio Lower Upper
 107 100
 144 27.4 20.0 30.0
 142 83.7 59.7 89.5





#37

2-Methylnaphthalene

Concen: 26.546 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

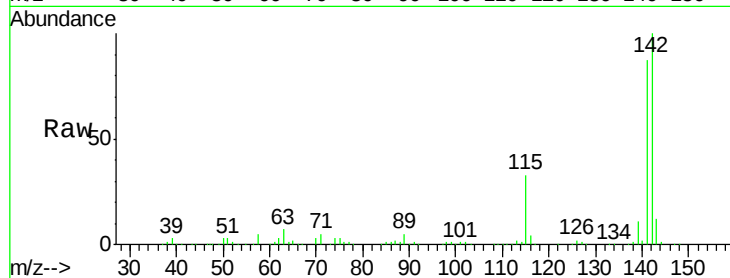
Tgt Ion:142 Resp: 555397

Ion Ratio Lower Upper

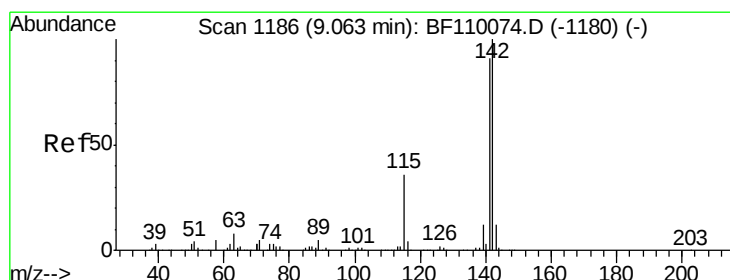
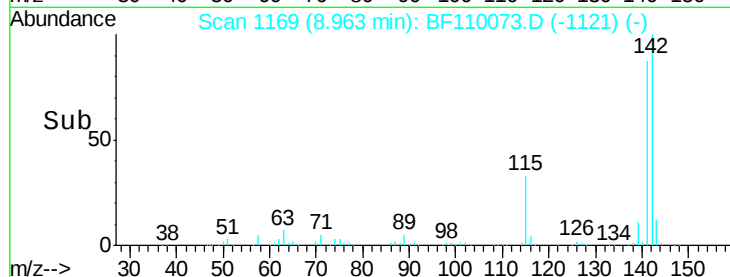
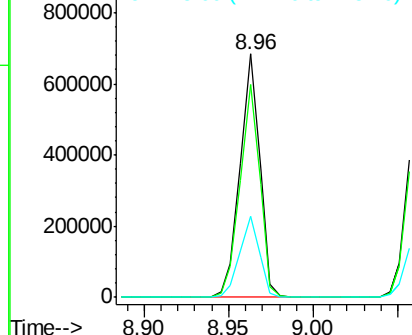
142 100

141 87.5 71.4 107.2

115 33.3 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: 26.632 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

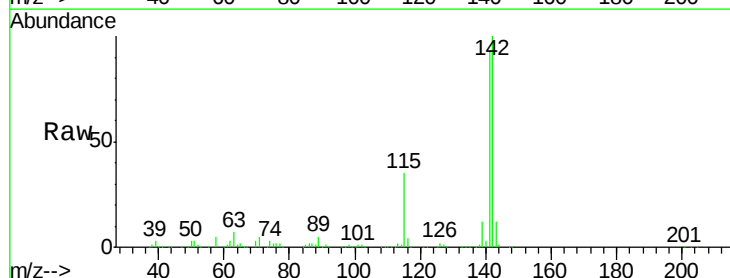
Tgt Ion:142 Resp: 539926

Ion Ratio Lower Upper

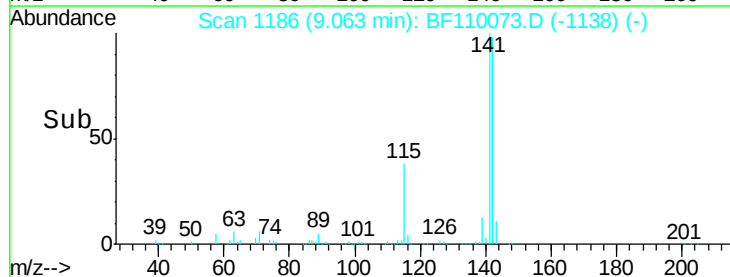
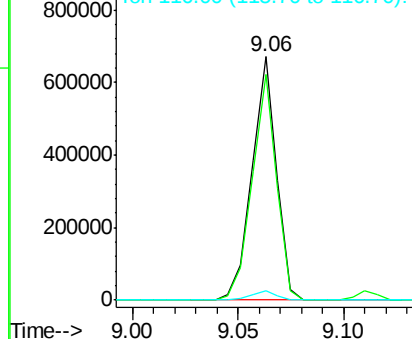
142 100

141 92.6 74.2 111.4

116 3.6 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: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

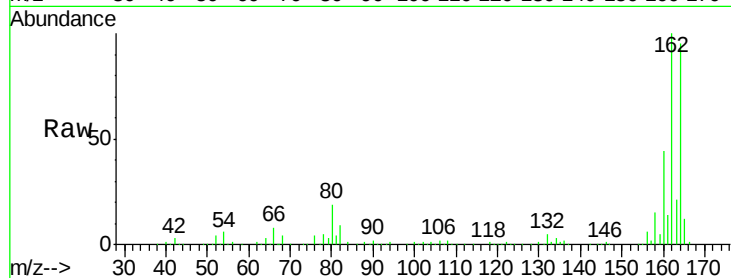
Tgt Ion:164 Resp: 342599

Ion Ratio Lower Upper

164 100

162 105.3 83.0 124.6

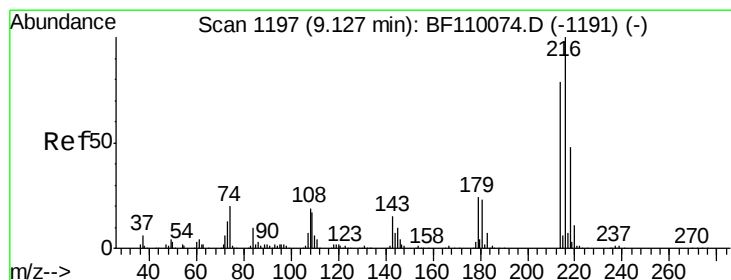
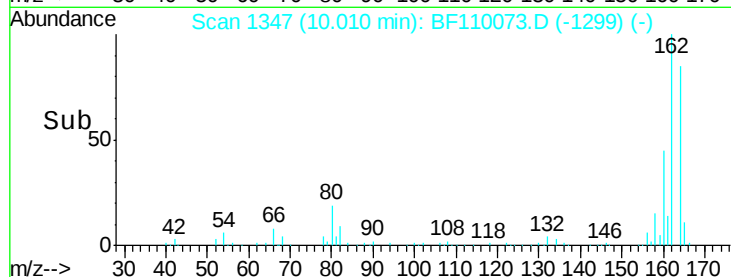
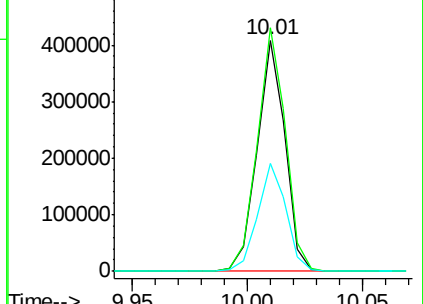
160 46.9 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 25.824 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

Tgt Ion:216 Resp: 272506

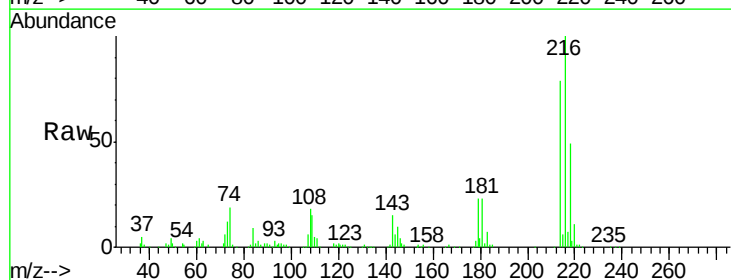
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.6

179 23.0 16.6 25.0

108 19.5 15.1 22.7

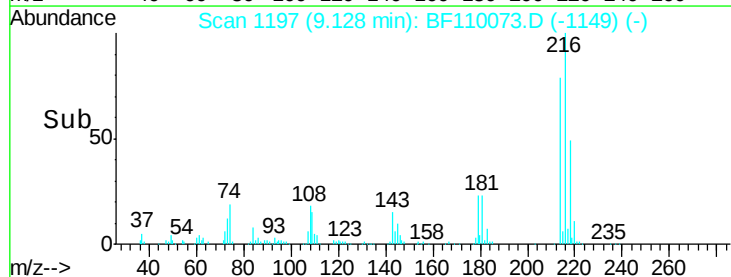
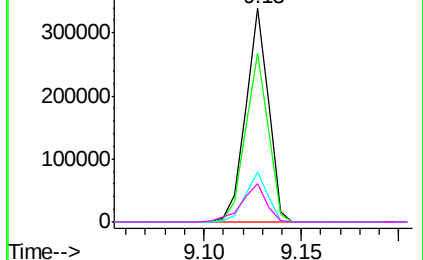


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

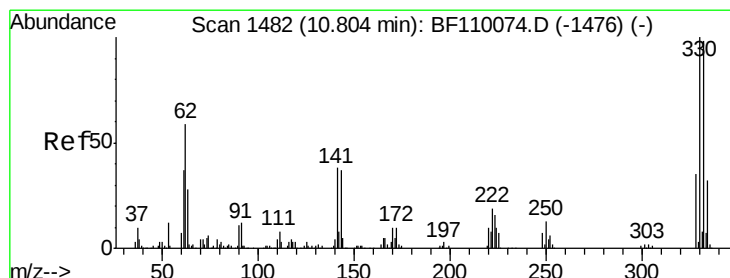
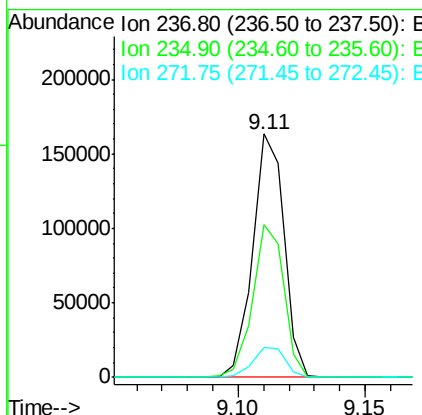
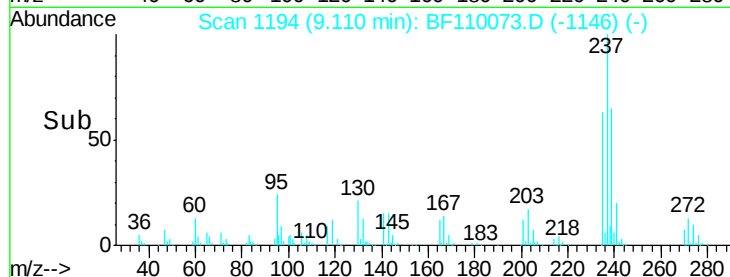
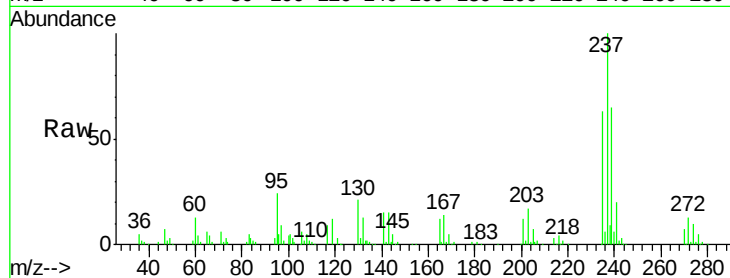




#41
Hexachlorocyclopentadiene
Concen: 27.781 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BF110073.D
Acq: 23 Oct 2018 12:13

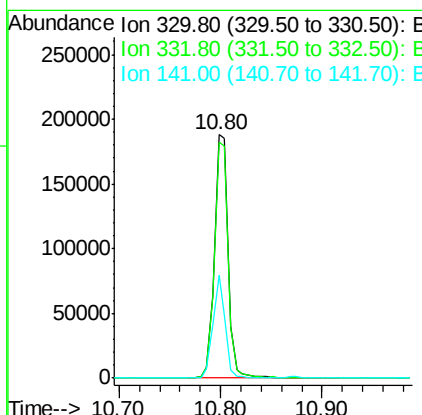
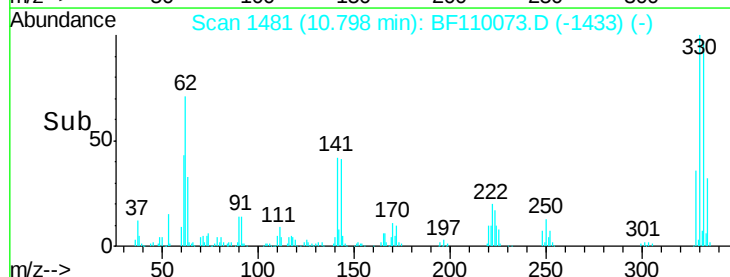
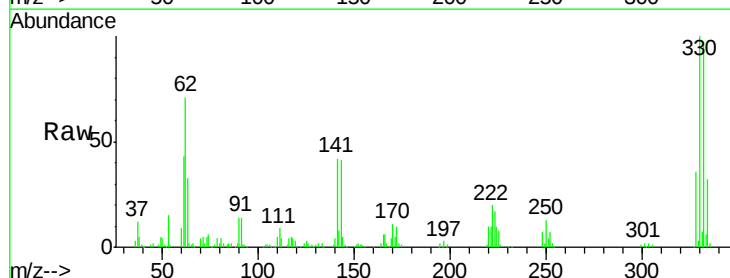
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion: 237 Resp: 141496
Ion Ratio Lower Upper
237 100
235 62.7 43.1 83.1
272 12.5 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 60.162 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110073.D
Acq: 23 Oct 2018 12:13

Tgt Ion: 330 Resp: 178447
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 37.1 27.0 40.4

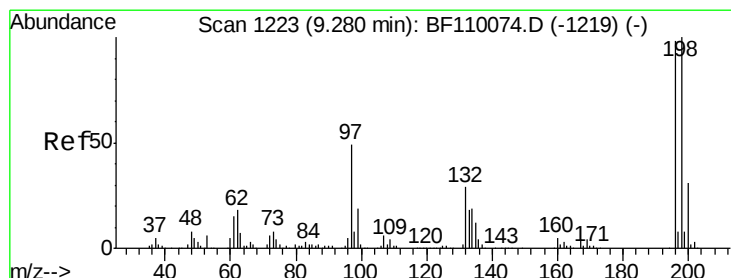
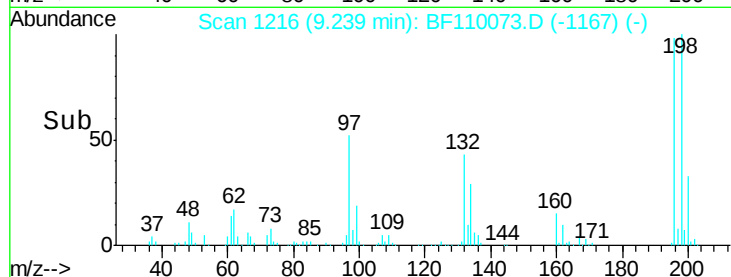
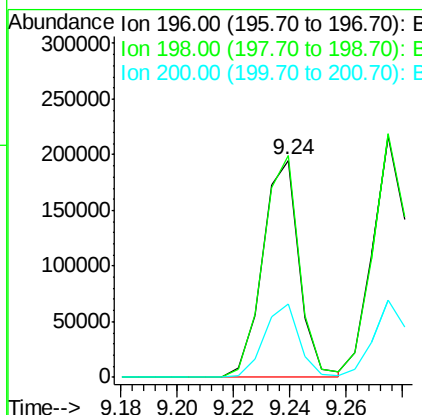
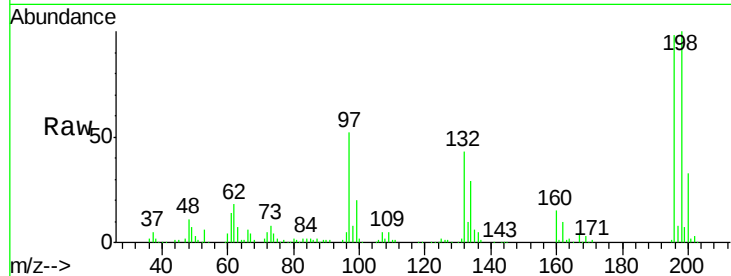




#43
 2,4,6-Trichlorophenol
 Concen: 26.651 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF110073.D
 Acq: 23 Oct 2018 12:13

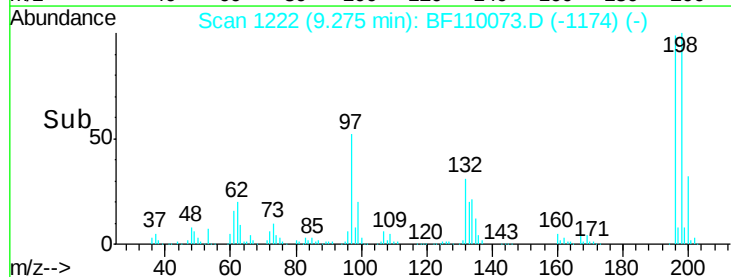
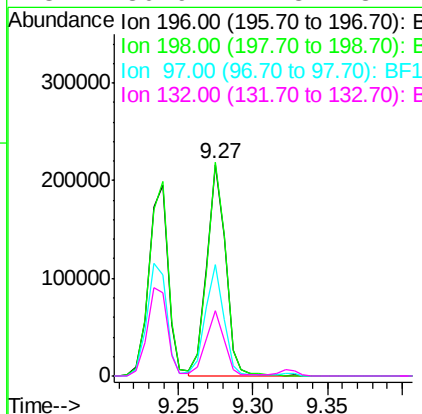
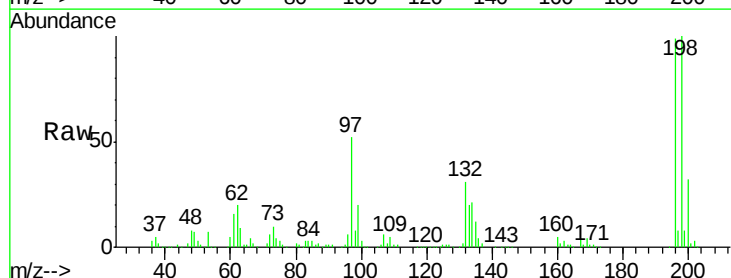
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

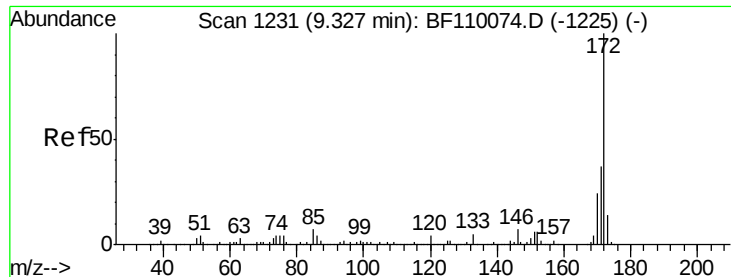
Tgt Ion:196 Resp: 175853
 Ion Ratio Lower Upper
 196 100
 198 102.2 76.2 114.4
 200 33.8 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 27.580 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BF110073.D
 Acq: 23 Oct 2018 12:13

Tgt Ion:196 Resp: 188872
 Ion Ratio Lower Upper
 196 100
 198 101.1 75.8 113.6
 97 53.0 42.4 63.6
 132 30.9 22.8 34.2

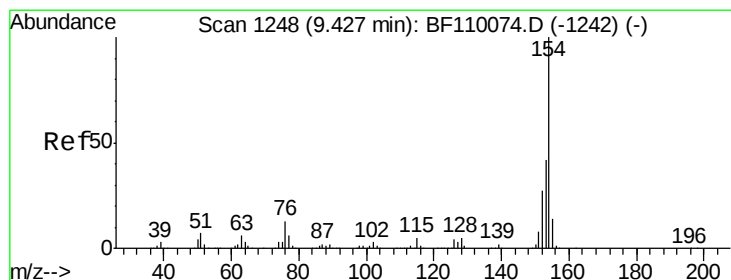
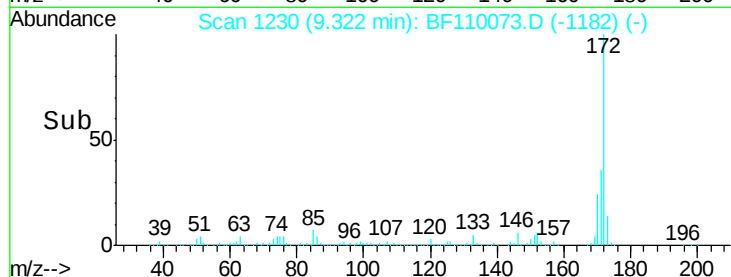
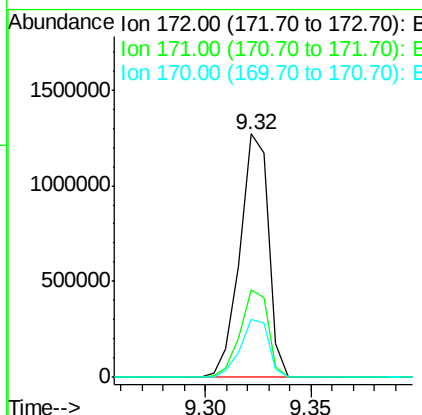
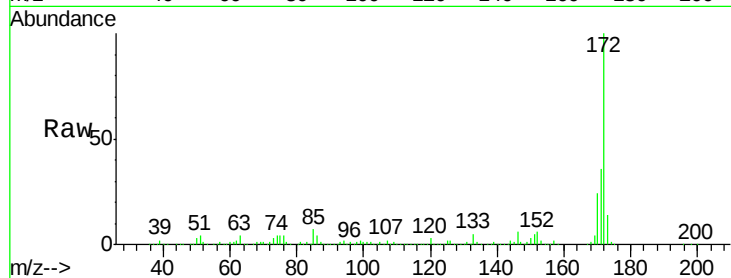




#45
 2-Fluorobiphenyl
 Concen: 55.300 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF110073.D
 Acq: 23 Oct 2018 12:13

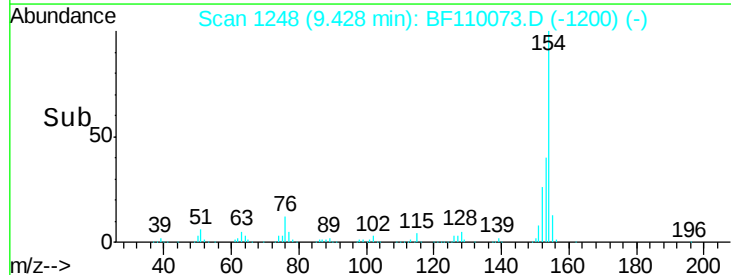
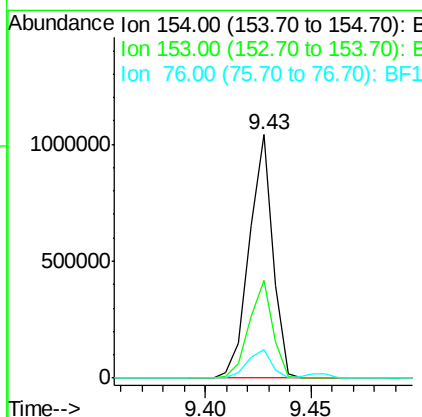
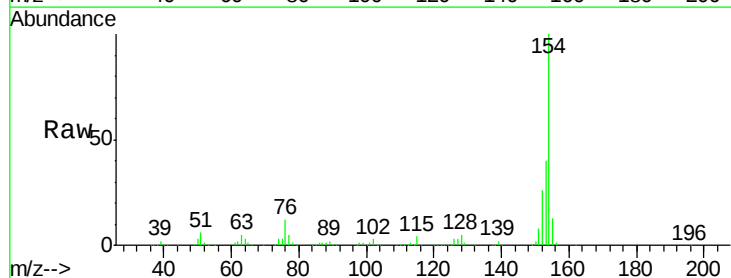
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

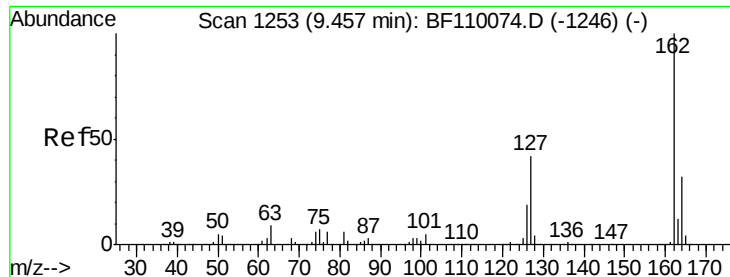
Tgt Ion:172 Resp: 1187330
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.0 19.7 29.5



#46
 1,1'-Biphenyl
 Concen: 26.460 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.02 min
 Lab File: BF110073.D
 Acq: 23 Oct 2018 12:13

Tgt Ion:154 Resp: 807680
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.4 60.4
 76 11.5 0.0 31.9

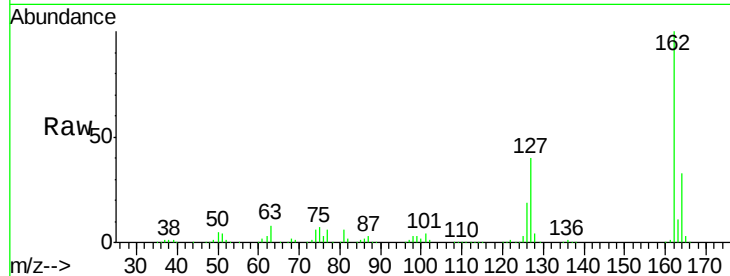




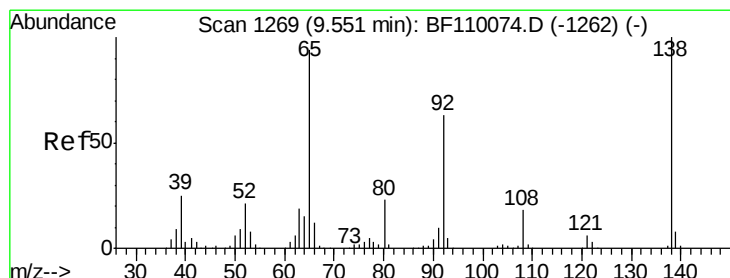
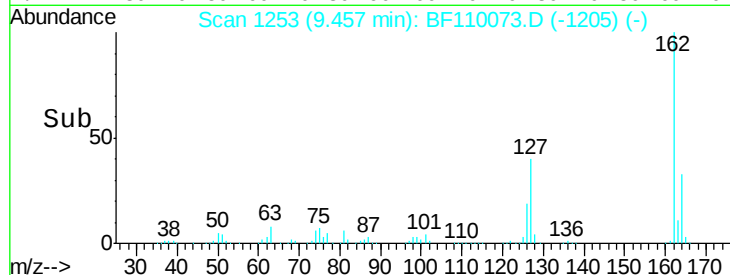
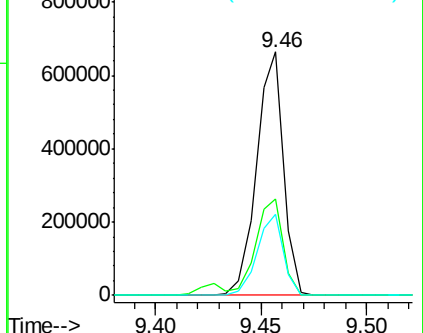
#47
 2-Chloronaphthalene
 Concen: 26.130 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF110073.D
 Acq: 23 Oct 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion: 162 Resp: 587502
 Ion Ratio Lower Upper
 162 100
 127 39.8 32.6 48.8
 164 33.5 25.9 38.9

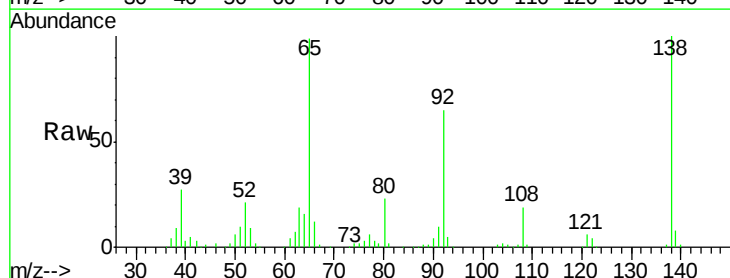


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

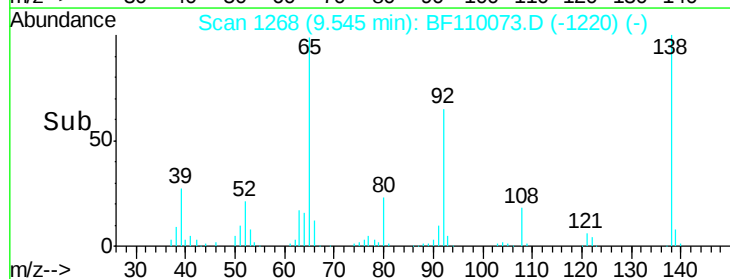
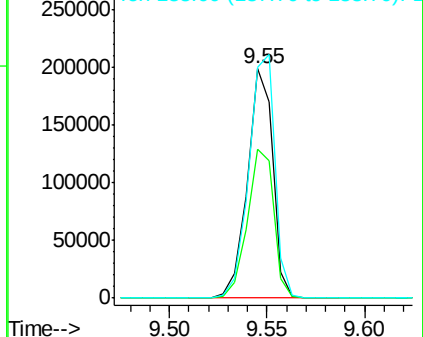


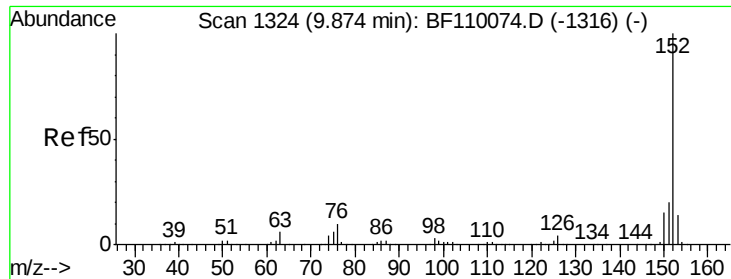
#48
 2-Nitroaniline
 Concen: 30.976 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.02 min
 Lab File: BF110073.D
 Acq: 23 Oct 2018 12:13

Tgt Ion: 65 Resp: 178731
 Ion Ratio Lower Upper
 65 100
 92 65.1 54.6 81.8
 138 100.5 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: 26.191 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

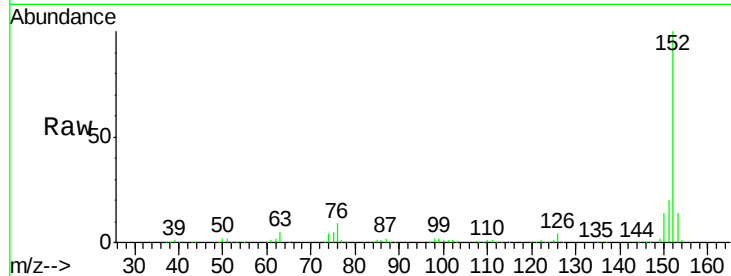
Tgt Ion:152 Resp: 855487

Ion Ratio Lower Upper

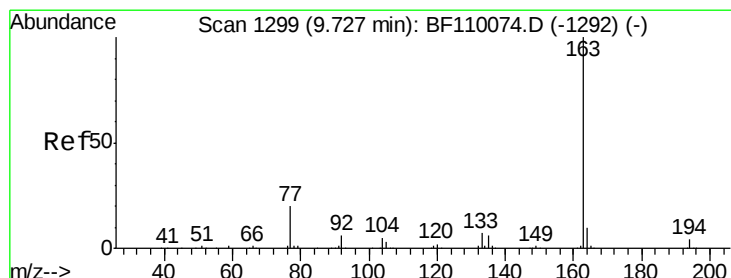
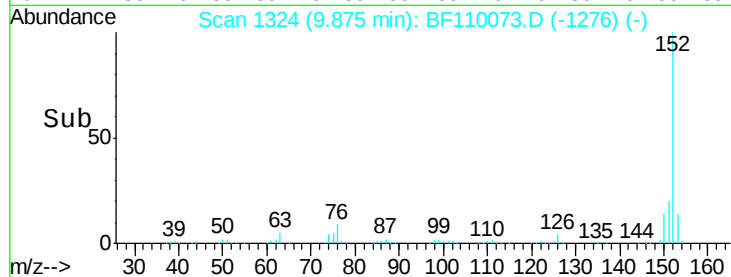
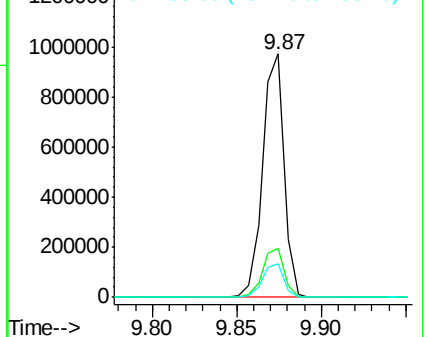
152 100

151 20.1 15.8 23.8

153 13.7 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: 26.602 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

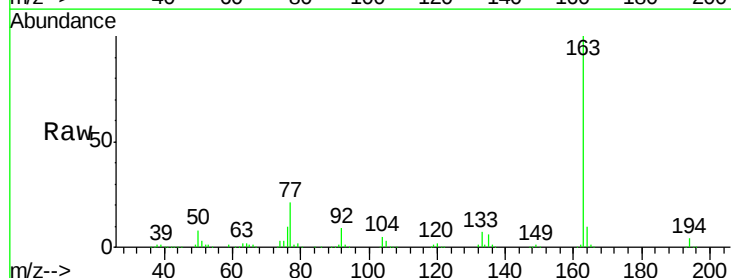
Tgt Ion:163 Resp: 645337

Ion Ratio Lower Upper

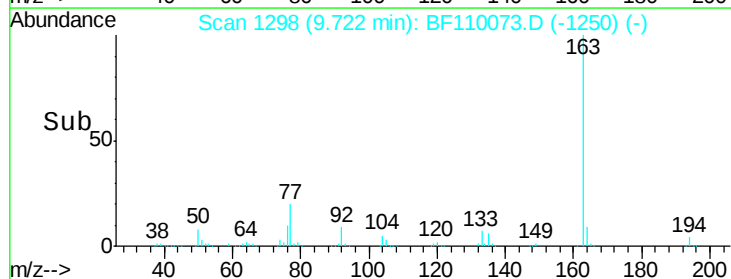
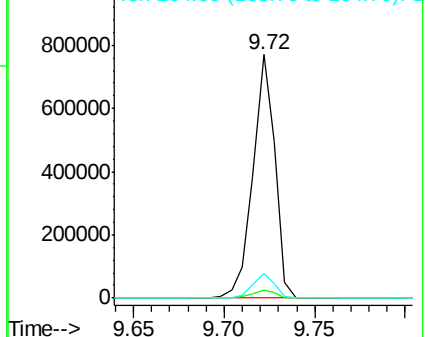
163 100

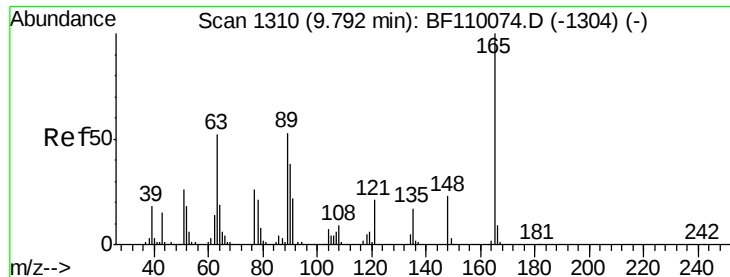
194 3.6 3.2 4.8

164 10.3 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

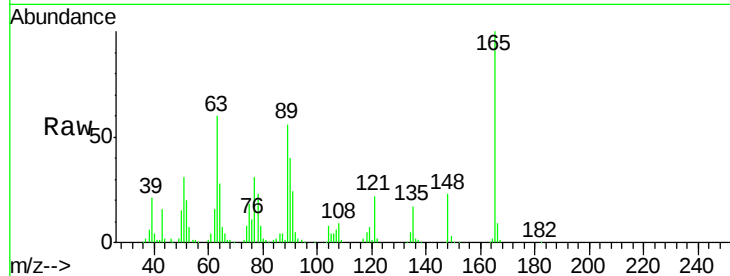




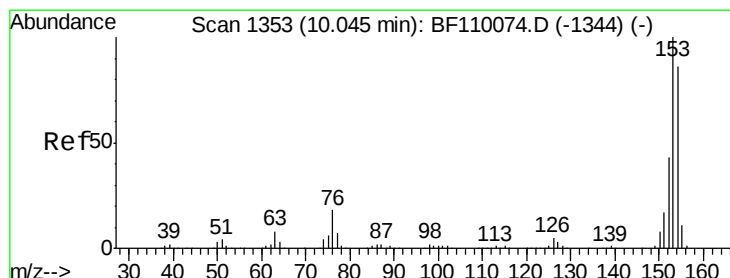
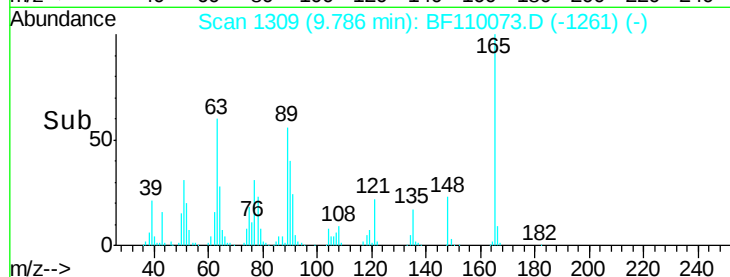
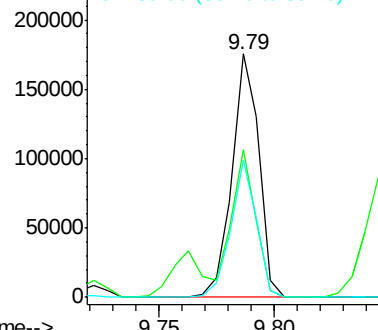
#51
2,6-Dinitrotoluene
Concen: 30.910 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF110073.D
Acq: 23 Oct 2018 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion:165 Resp: 142422
Ion Ratio Lower Upper
165 100
63 60.5 48.9 73.3
89 56.3 46.6 69.8

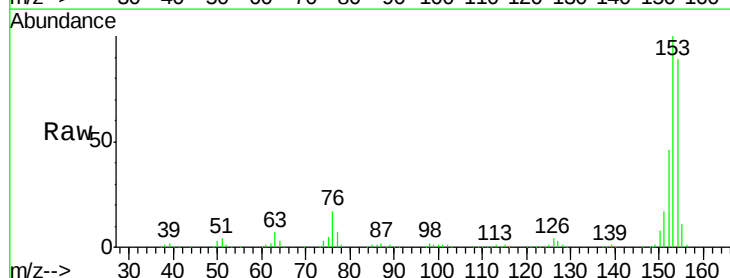


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

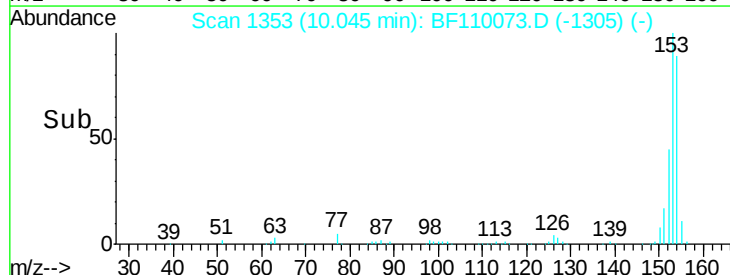
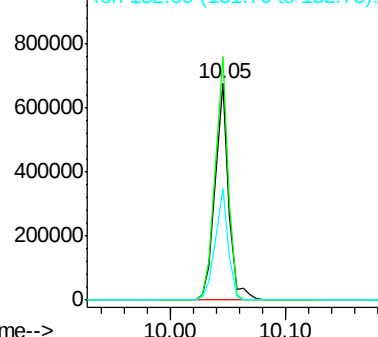


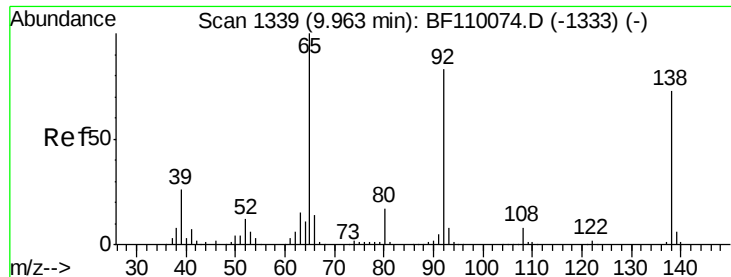
#52
Acenaphthene
Concen: 26.924 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BF110073.D
Acq: 23 Oct 2018 12:13

Tgt Ion:154 Resp: 559888
Ion Ratio Lower Upper
154 100
153 112.4 90.1 135.1
152 51.6 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

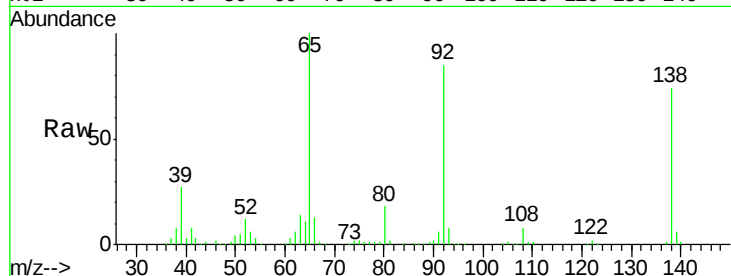




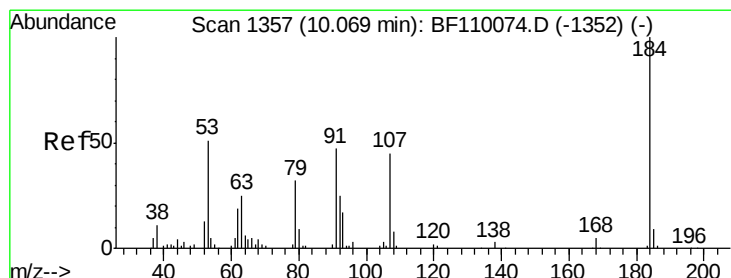
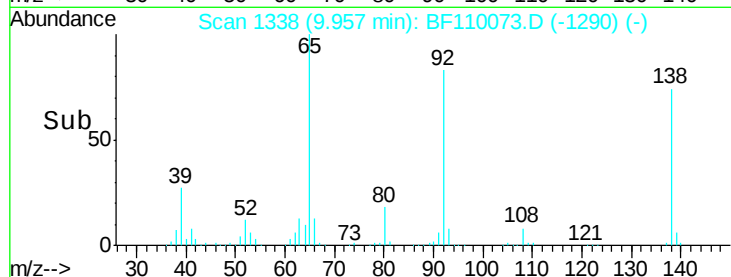
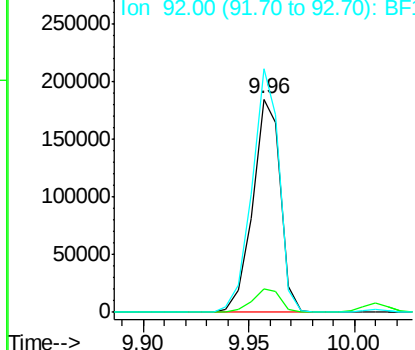
#53
3-Nitroaniline
Concen: 30.019 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF110073.D
Acq: 23 Oct 2018 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tgt Ion:138 Resp: 168256
Ion Ratio Lower Upper
138 100
108 11.1 8.7 13.1
92 114.3 97.0 145.4

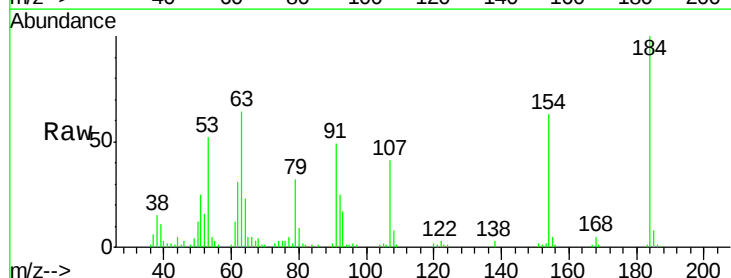


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

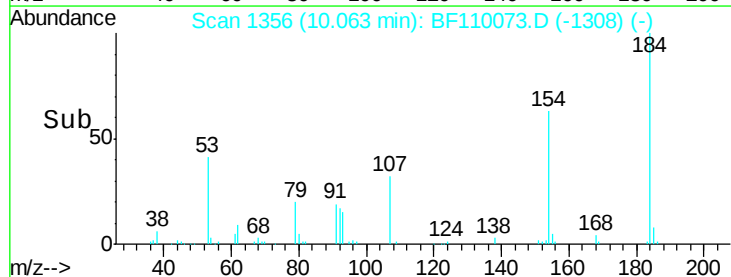
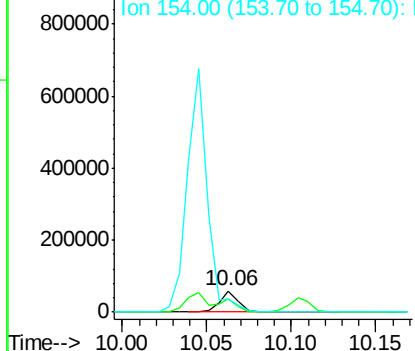


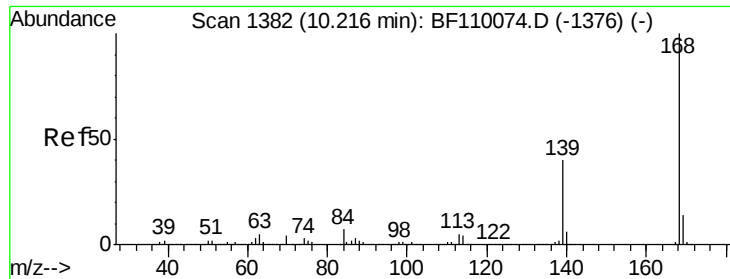
#54
2,4-Dinitrophenol
Concen: 38.662 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF110073.D
Acq: 23 Oct 2018 12:13

Tgt Ion:184 Resp: 45573
Ion Ratio Lower Upper
184 100
63 64.2 55.8 83.6
154 62.6 63.2 94.8#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

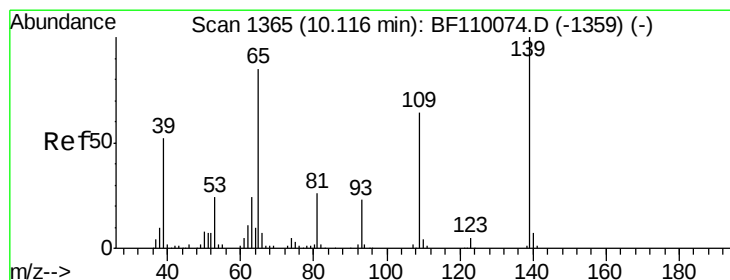
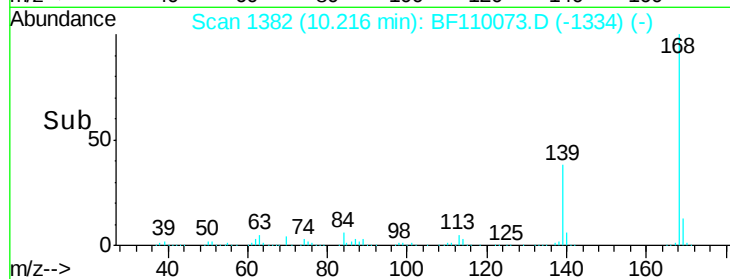
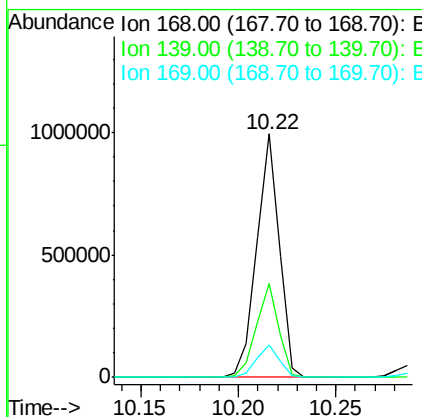
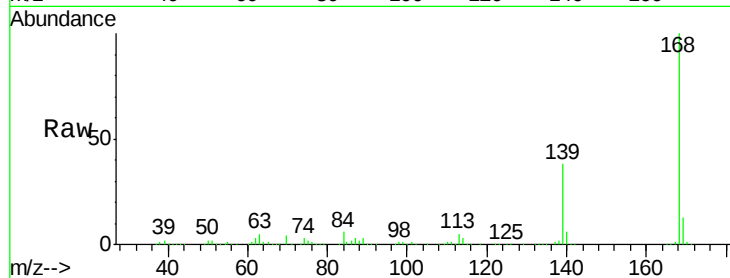




#55
Dibenzenofuran
Concen: 26.868 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BF110073.D
Acq: 23 Oct 2018 12:13

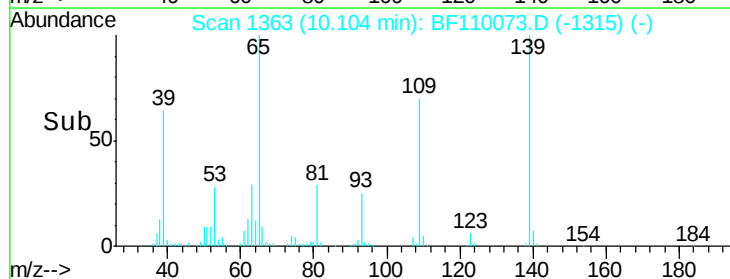
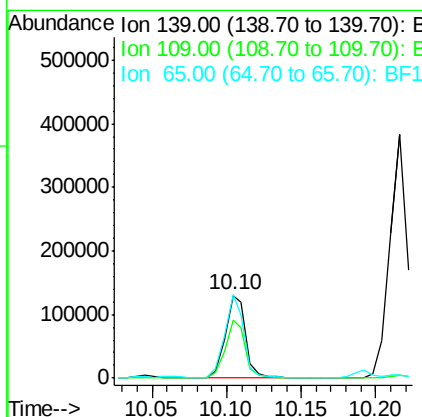
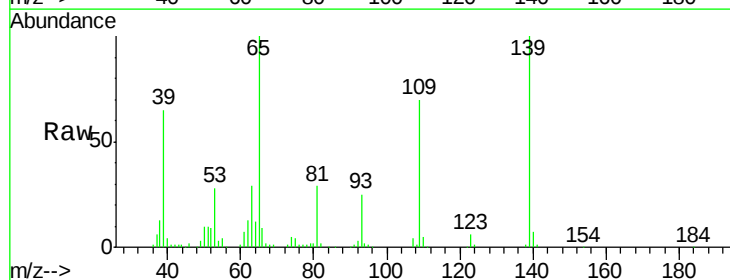
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

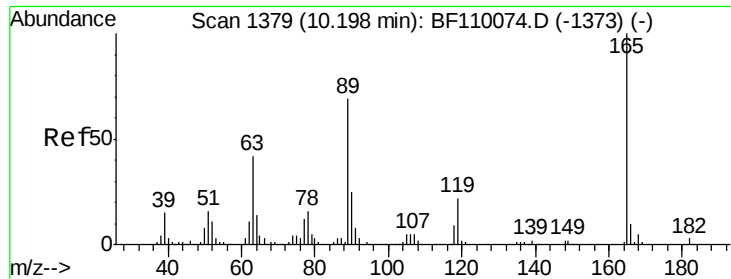
Tgt Ion:168 Resp: 796807
Ion Ratio Lower Upper
168 100
139 38.5 33.0 49.6
169 13.3 11.3 16.9



#56
4-Nitrophenol
Concen: 29.597 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.02 min
Lab File: BF110073.D
Acq: 23 Oct 2018 12:13

Tgt Ion:139 Resp: 126575
Ion Ratio Lower Upper
139 100
109 70.0 55.8 95.8
65 100.4 77.9 117.9

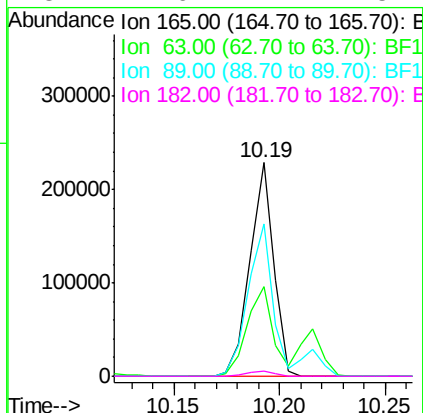
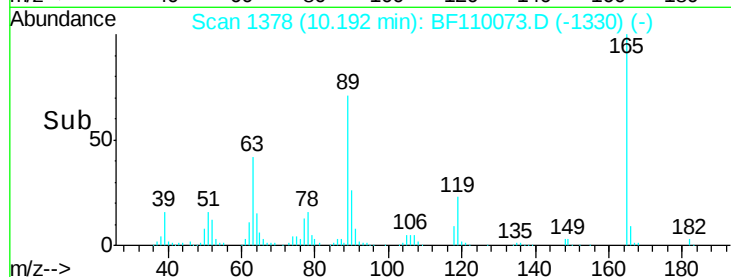
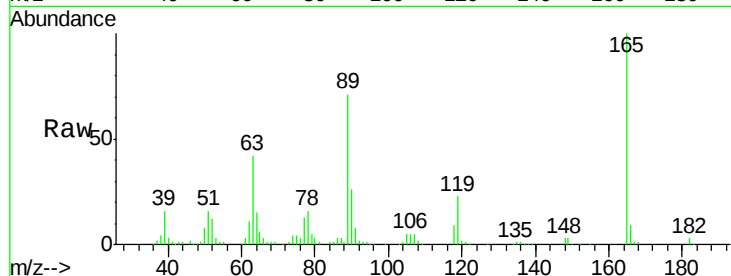




#57
2,4-Dinitrotoluene
Concen: 33.435 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BF110073.D
Acq: 23 Oct 2018 12:13

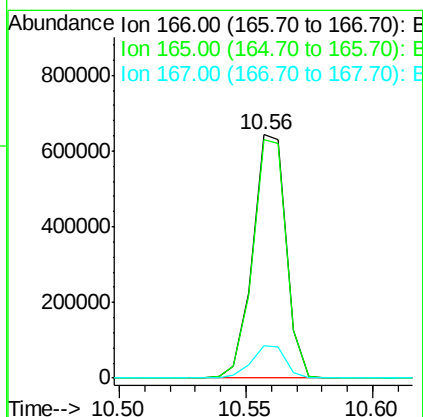
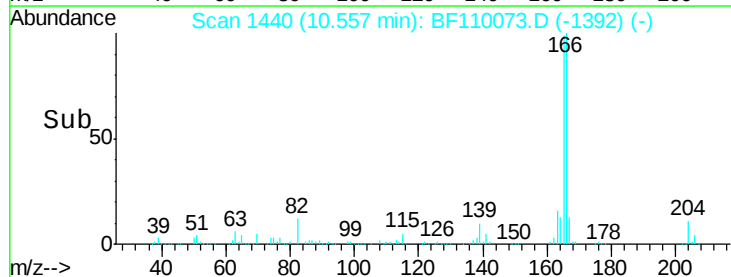
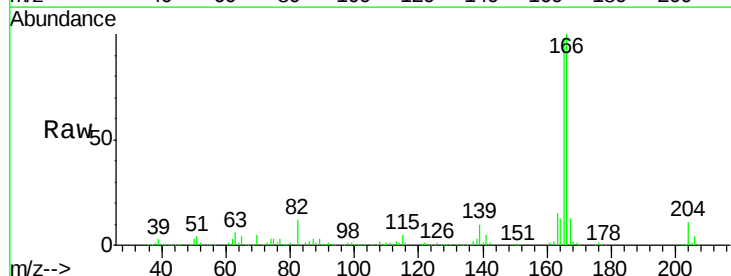
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

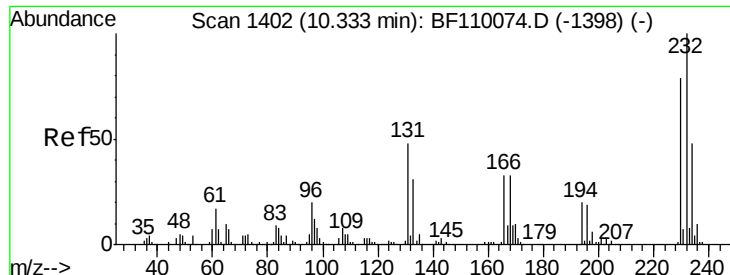
Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.0	44.8	67.2#
89	71.2	62.2	93.4
182	2.6	2.1	3.1



#58
Fluorene
Concen: 27.246 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF110073.D
Acq: 23 Oct 2018 12:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.6	117.8
167	13.3	10.8	16.2

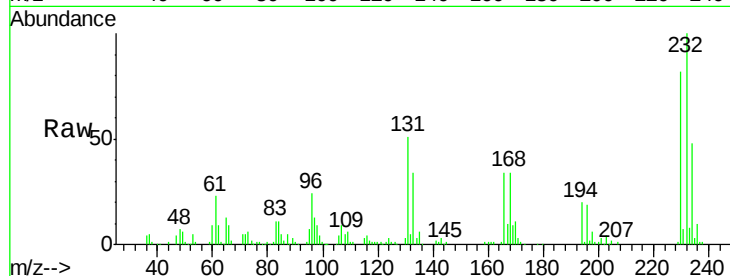




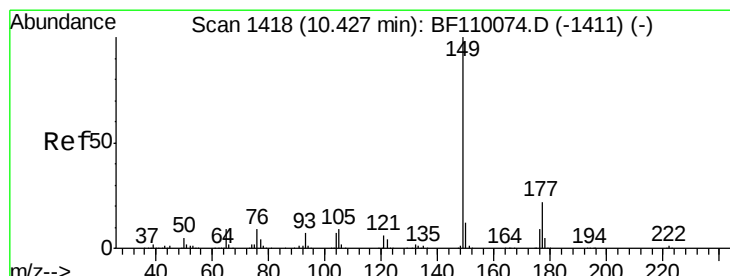
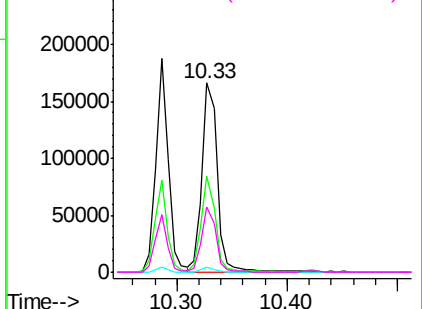
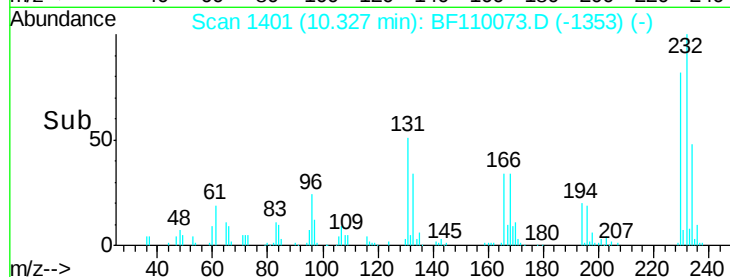
#59
2,3,4,6-Tetrachlorophenol
Concen: 28.510 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BF110073.D
Acq: 23 Oct 2018 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion: 232 Resp: 154737
Ion Ratio Lower Upper
232 100
131 46.2 37.0 55.4
130 2.2 1.8 2.6
166 32.7 22.0 33.0

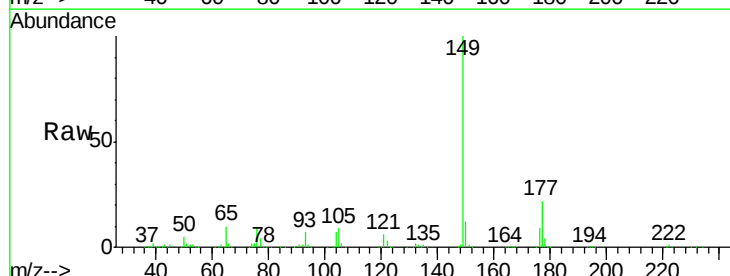


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

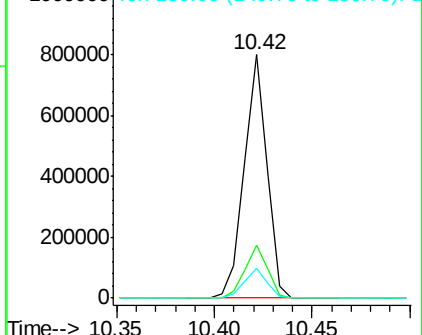
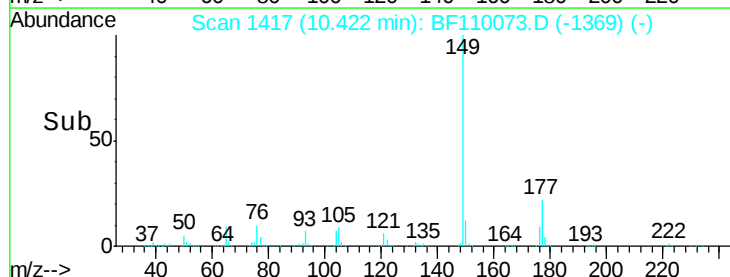


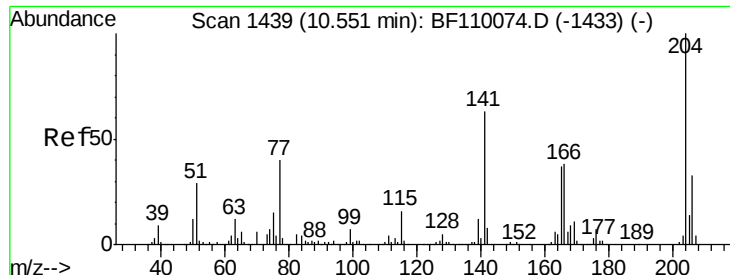
#60
Diethylphthalate
Concen: 26.915 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF110073.D
Acq: 23 Oct 2018 12:13

Tgt Ion: 149 Resp: 644891
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.2
150 12.3 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

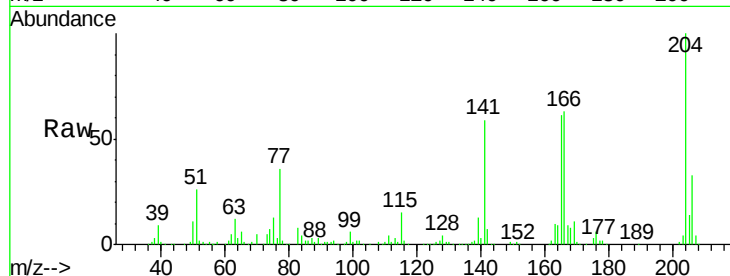




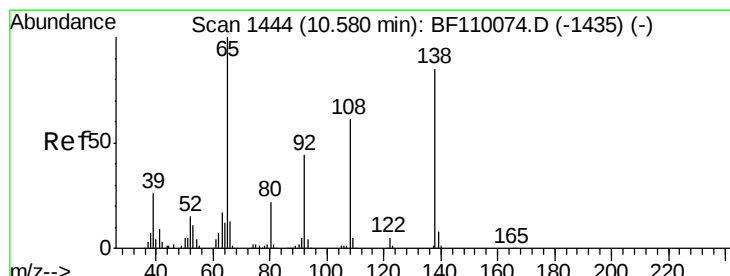
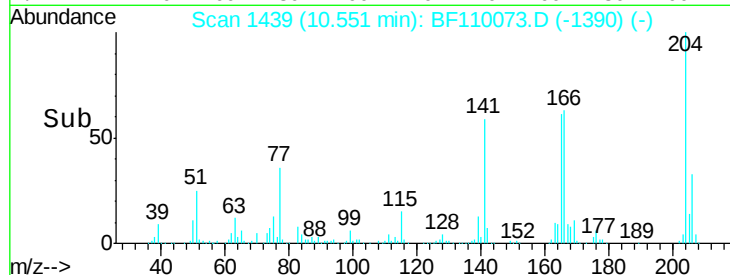
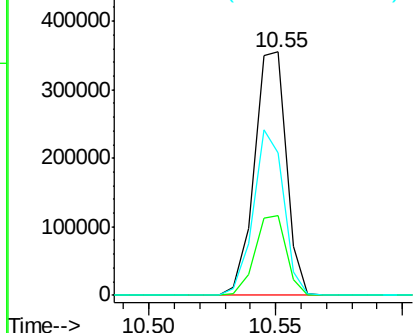
#61
 4-Chlorophenyl-phenylether
 Concen: 27.881 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF110073.D
 Acq: 23 Oct 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion: 204 Resp: 313541
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.5 39.7
 141 58.6 51.8 77.8

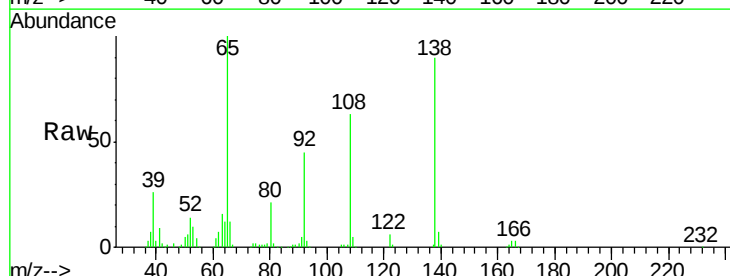


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

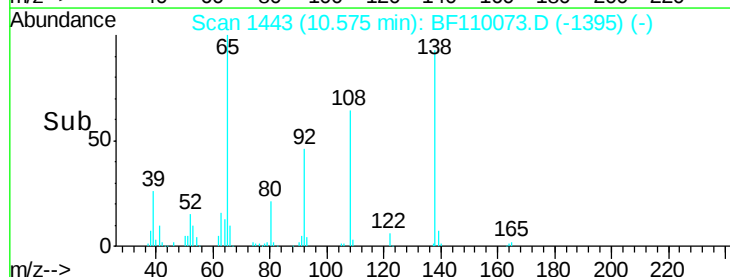
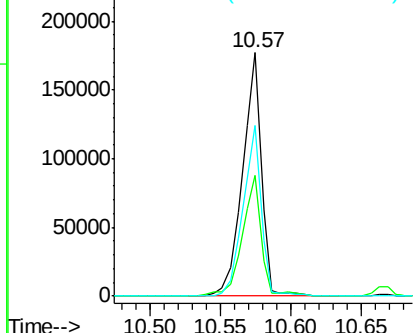


#62
 4-Nitroaniline
 Concen: 31.216 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.02 min
 Lab File: BF110073.D
 Acq: 23 Oct 2018 12:13

Tgt Ion: 138 Resp: 165622
 Ion Ratio Lower Upper
 138 100
 92 49.4 31.7 71.7
 108 70.1 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: 25.554 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

Tgt Ion: 77 Resp: 639638

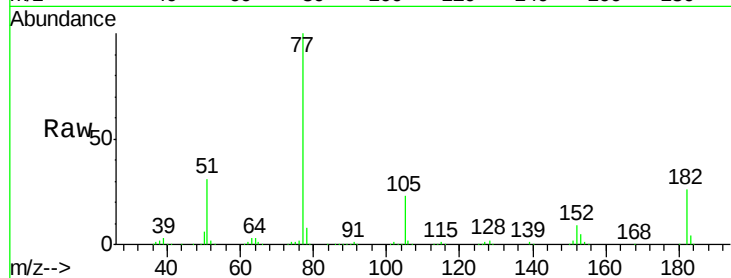
Ion Ratio Lower Upper

77 100

182 26.1 4.3 44.3

105 23.0 1.3 41.3

51 31.0 9.0 49.0

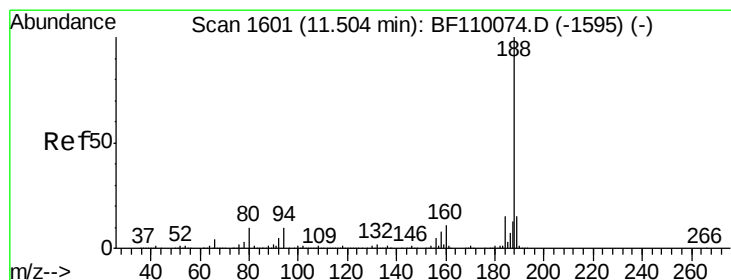
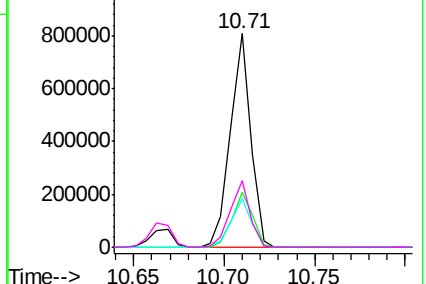
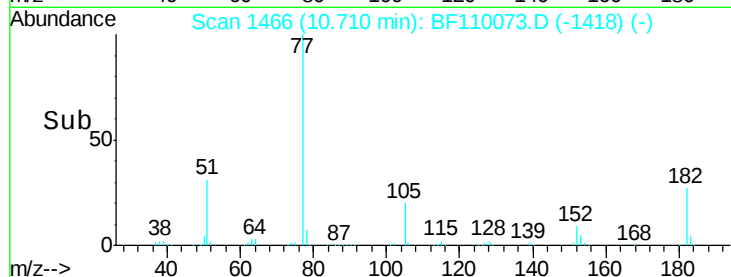


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

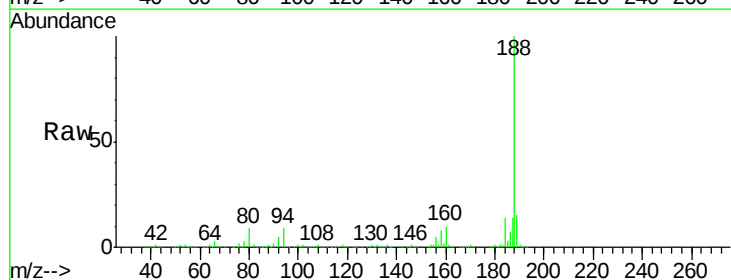
Tgt Ion: 188 Resp: 660947

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

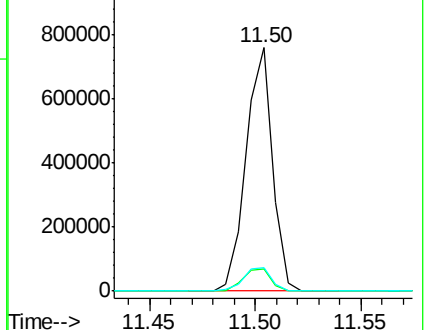
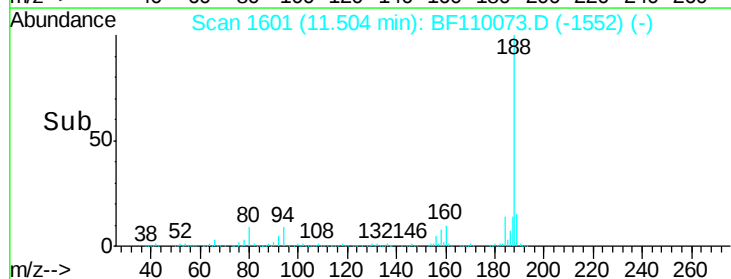
80 9.5 7.9 11.9

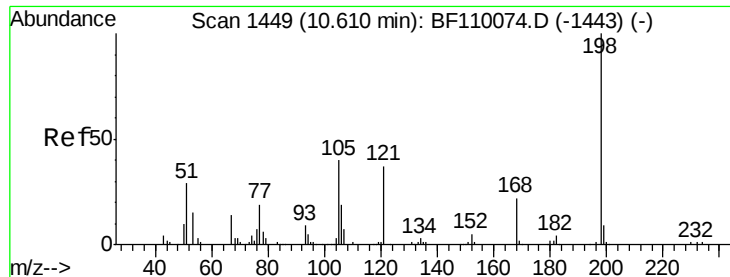


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

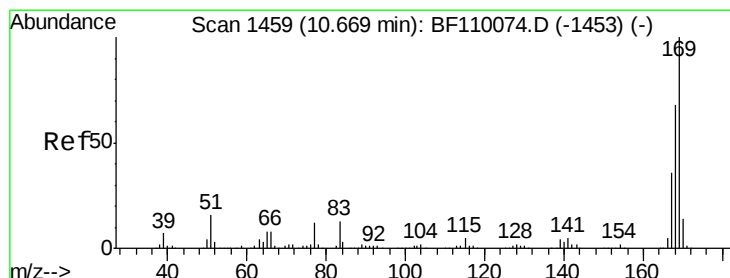
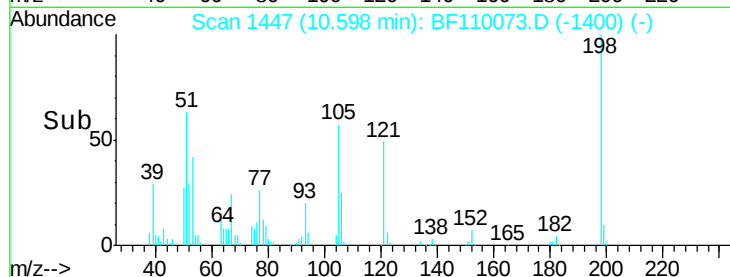
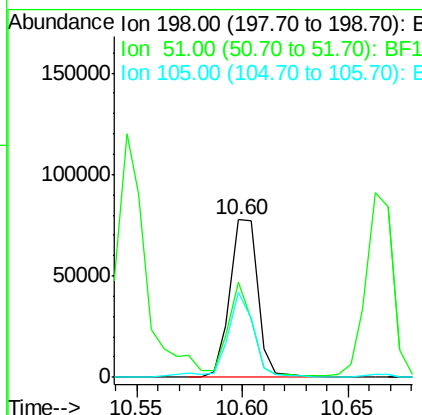
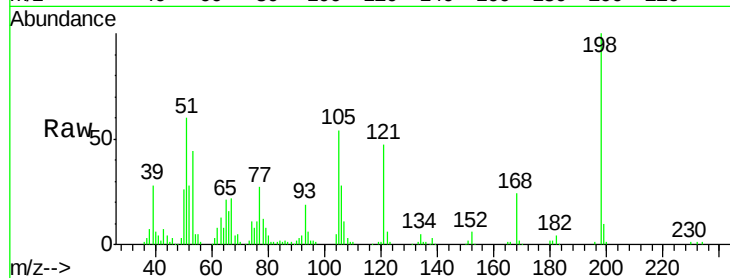




#65
 4,6-Dinitro-2-methylphenol
 Concen: 33.459 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BF110073.D
 Acq: 23 Oct 2018 12:13

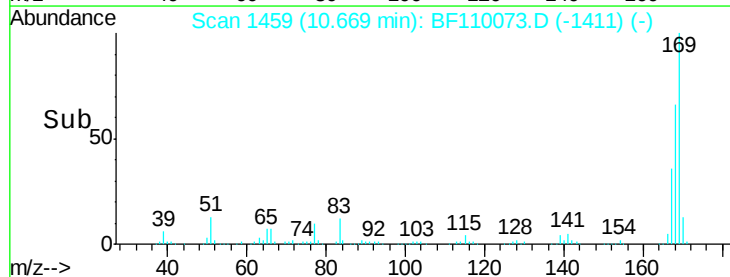
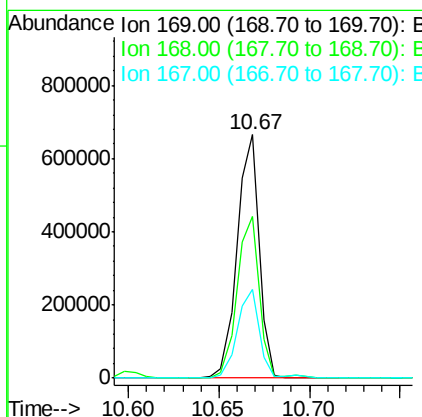
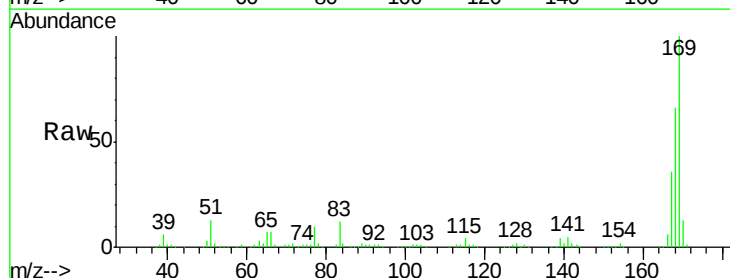
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion:198 Resp: 70878
 Ion Ratio Lower Upper
 198 100
 51 60.1 22.8 62.8
 105 54.0 23.6 63.6



#66
 n-Nitrosodiphenylamine
 Concen: 25.553 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF110073.D
 Acq: 23 Oct 2018 12:13

Tgt Ion:169 Resp: 562522
 Ion Ratio Lower Upper
 169 100
 168 66.3 51.2 76.8
 167 36.2 27.8 41.6

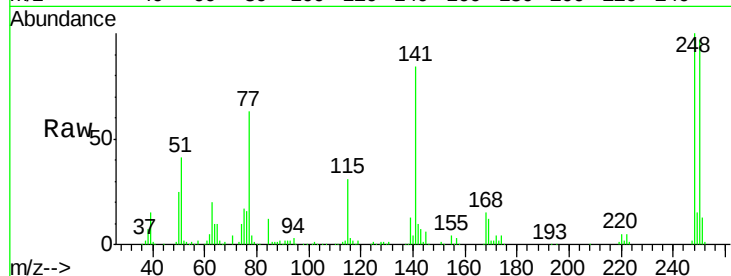




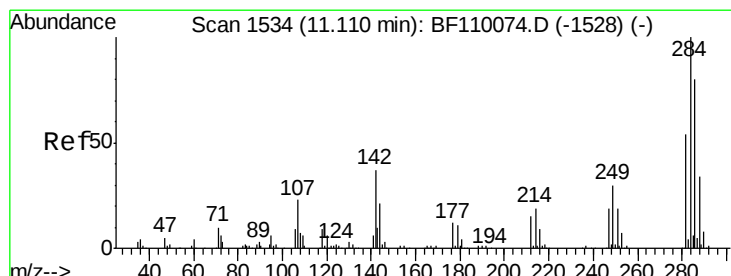
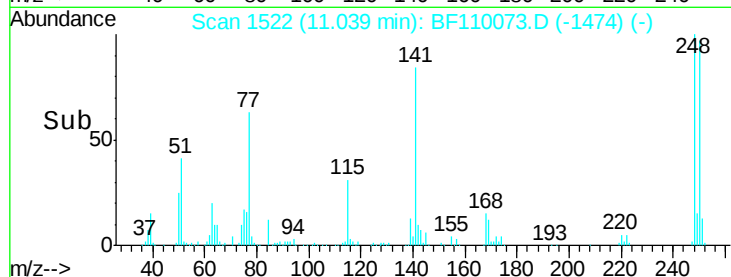
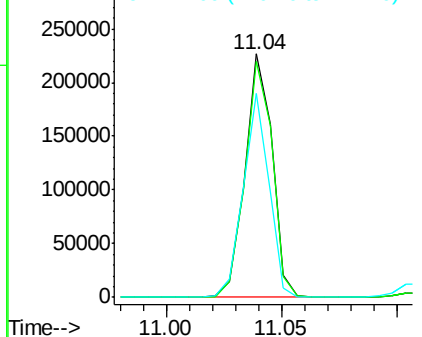
#67
 4-Bromophenyl-phenylether
 Concen: 25.978 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.02 min
 Lab File: BF110073.D
 Acq: 23 Oct 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion: 248 Resp: 186080
 Ion Ratio Lower Upper
 248 100
 250 97.0 79.4 119.2
 141 83.7 55.9 83.9

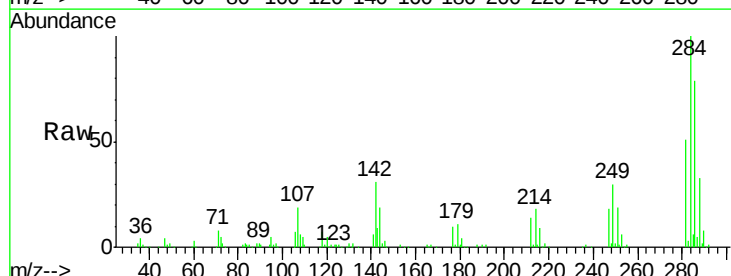


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

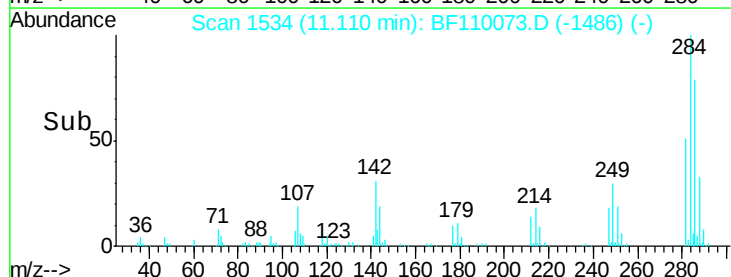
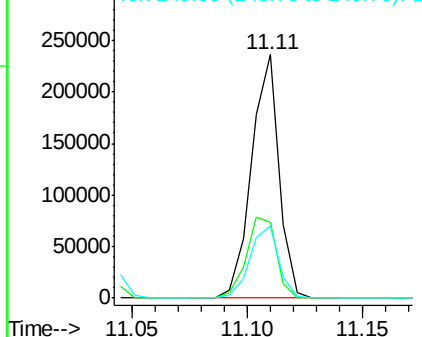


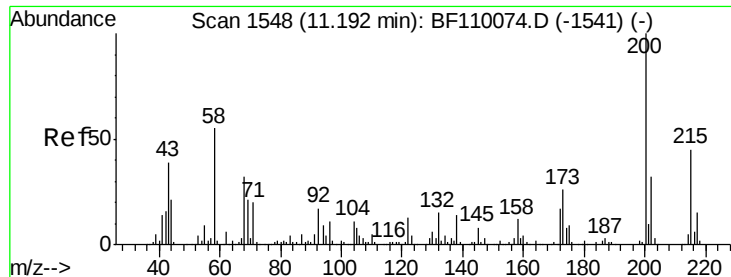
#68
 Hexachlorobenzene
 Concen: 25.719 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.02 min
 Lab File: BF110073.D
 Acq: 23 Oct 2018 12:13

Tgt Ion: 284 Resp: 196452
 Ion Ratio Lower Upper
 284 100
 142 31.4 23.9 35.9
 249 29.6 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

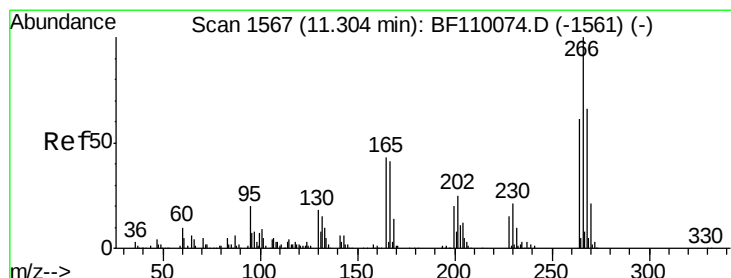
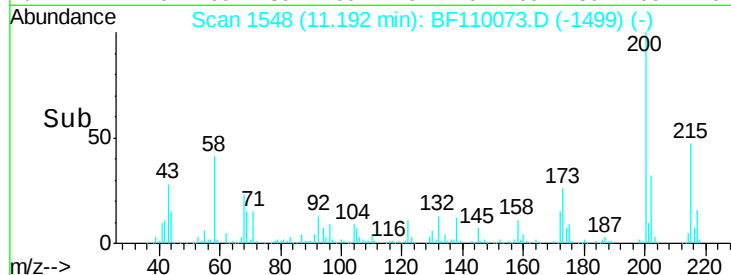
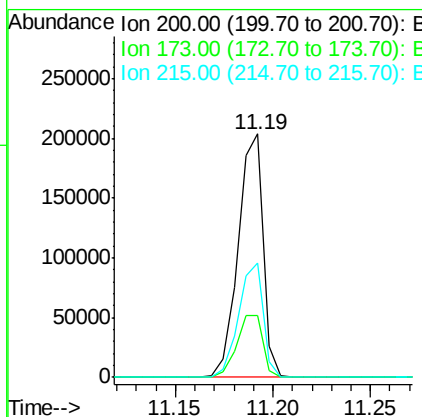
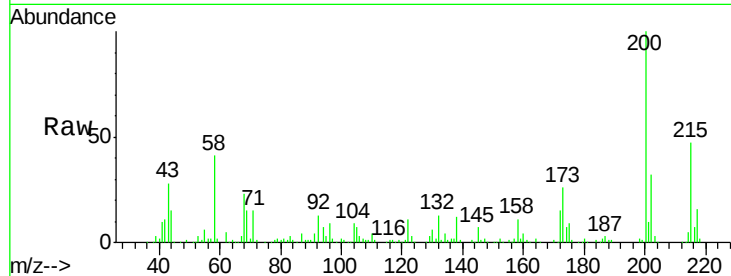




#69
 Atrazine
 Concen: 26.151 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF110073.D
 Acq: 23 Oct 2018 12:13

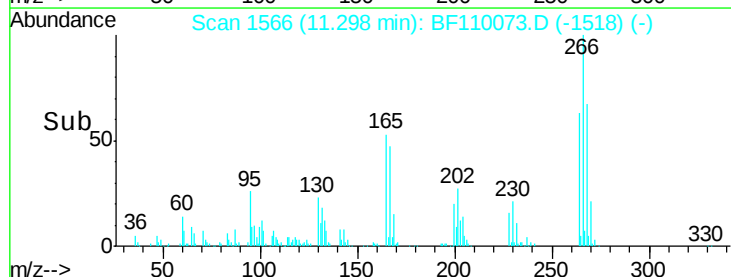
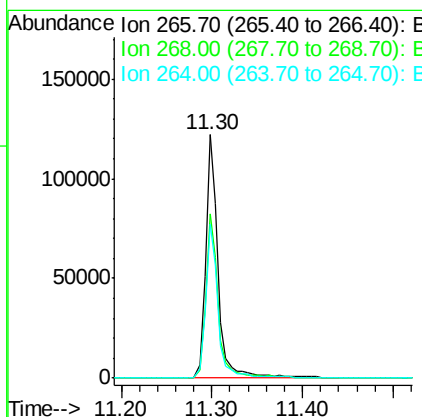
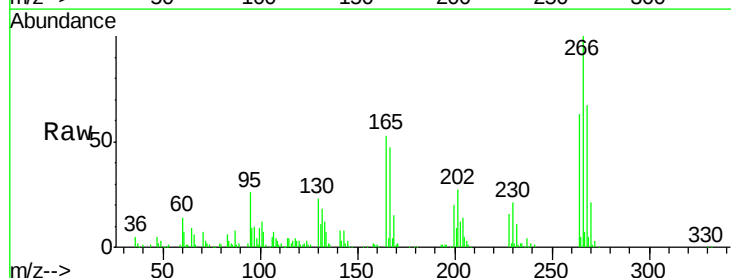
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

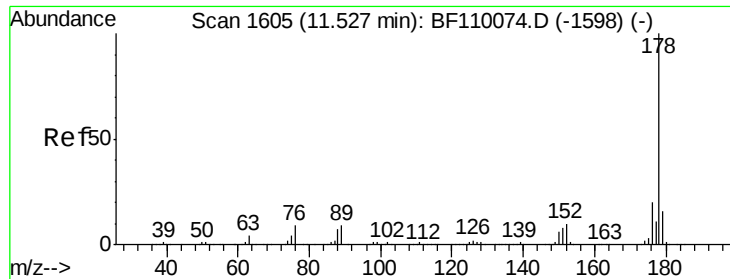
Tgt Ion:200 Resp: 179820
 Ion Ratio Lower Upper
 200 100
 173 25.5 6.6 46.6
 215 47.0 26.3 66.3



#70
 Pentachlorophenol
 Concen: 27.196 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: BF110073.D
 Acq: 23 Oct 2018 12:13

Tgt Ion:266 Resp: 118222
 Ion Ratio Lower Upper
 266 100
 268 67.3 50.6 75.8
 264 63.3 50.6 75.8

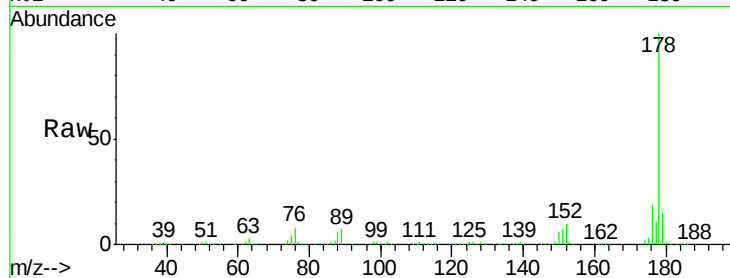




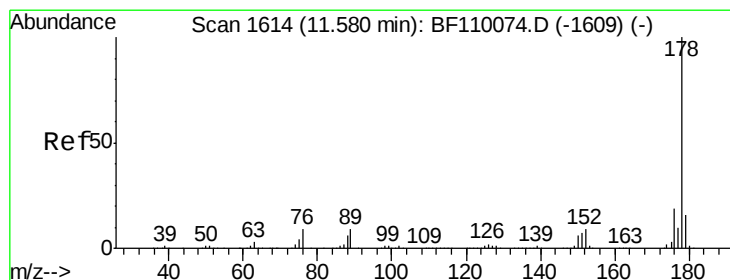
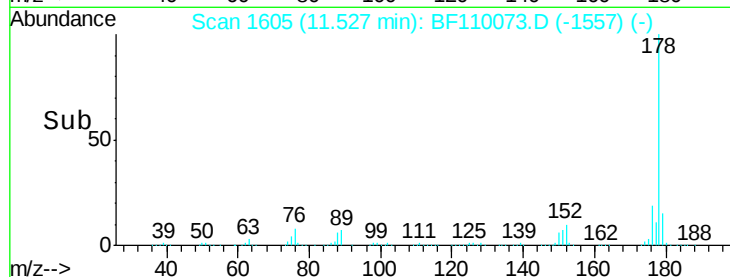
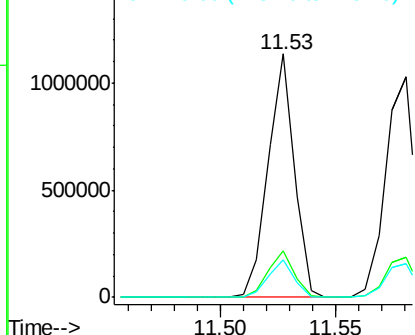
#71
Phenanthrene
Concen: 26.240 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110073.D
Acq: 23 Oct 2018 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion:178 Resp: 897888
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.3 12.5 18.7

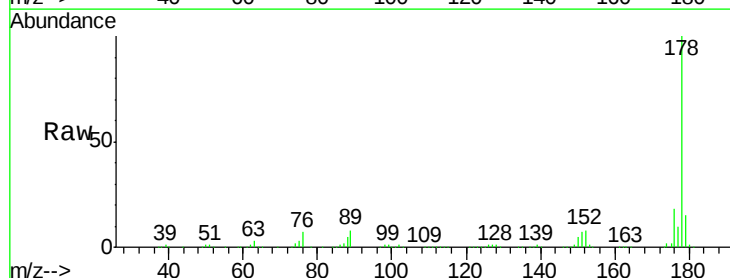


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

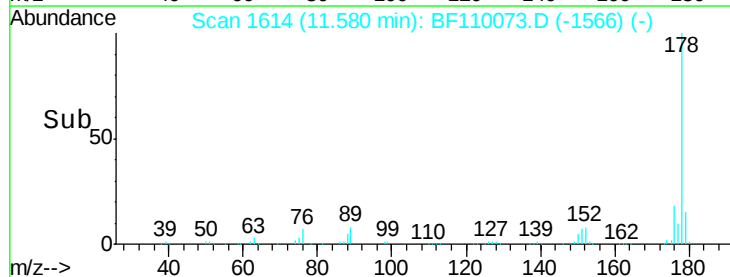
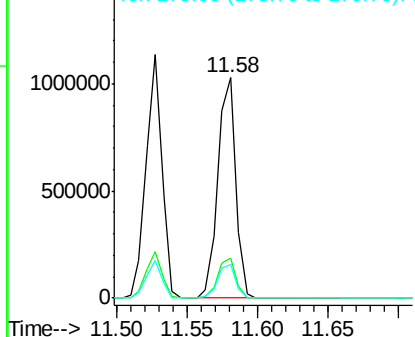


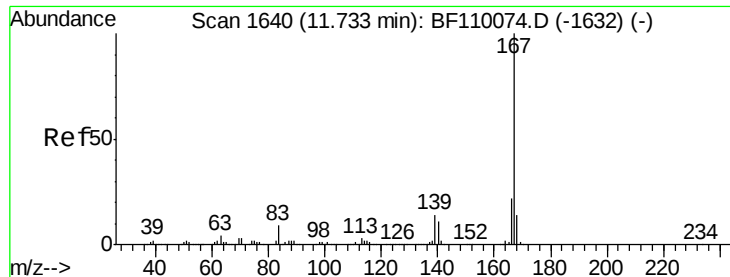
#72
Anthracene
Concen: 26.326 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110073.D
Acq: 23 Oct 2018 12:13

Tgt Ion:178 Resp: 905649
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.2
179 15.3 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

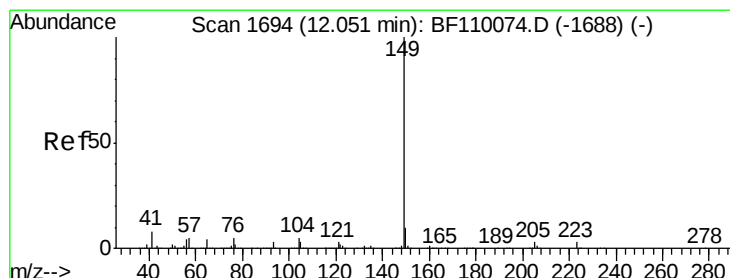
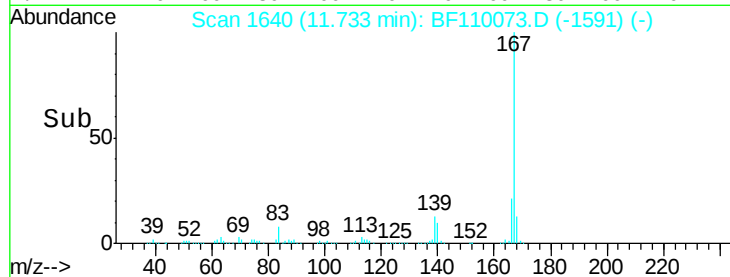
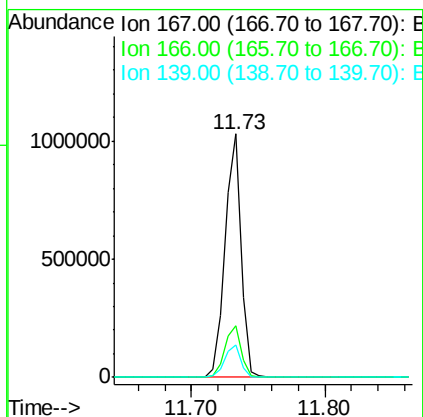
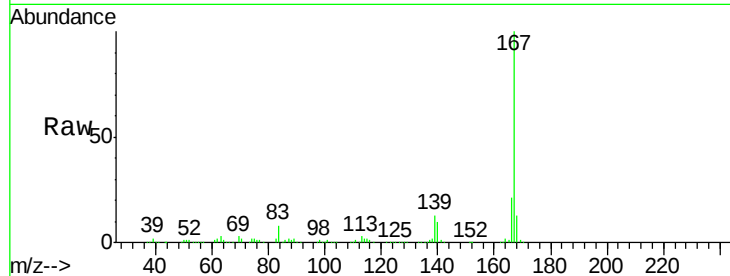




#73
 Carbazole
 Concen: 26.023 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF110073.D
 Acq: 23 Oct 2018 12:13

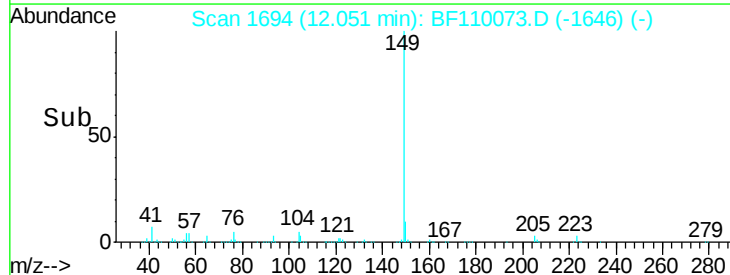
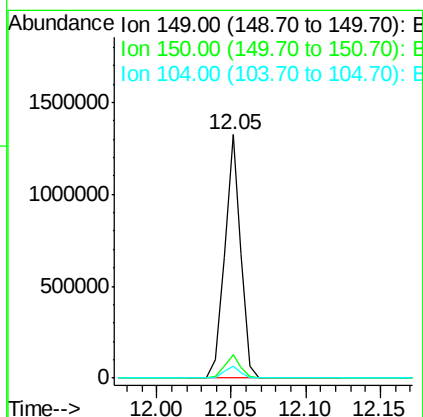
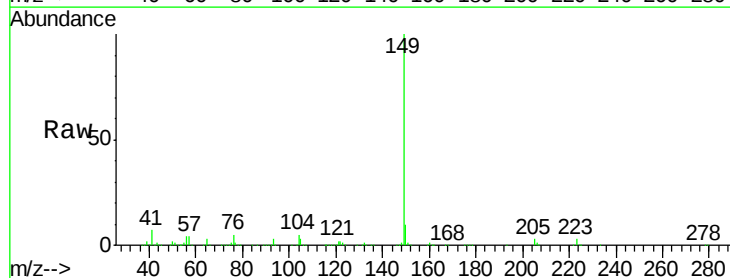
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

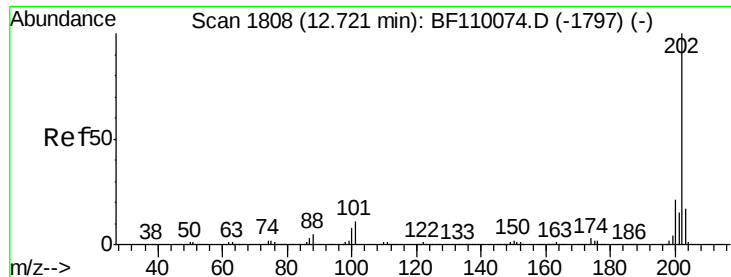
Tgt Ion:167 Resp: 879814
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.0
 139 13.1 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 26.545 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110073.D
 Acq: 23 Oct 2018 12:13

Tgt Ion:149 Resp: 1001583
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 4.9 4.2 6.4

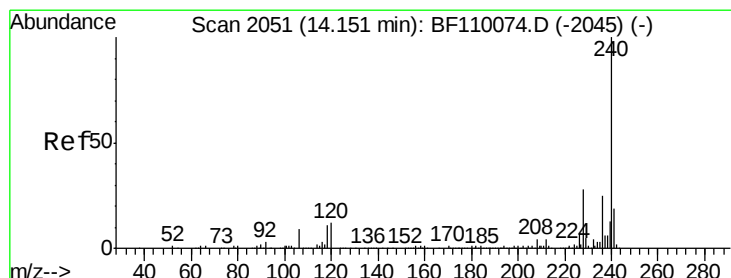
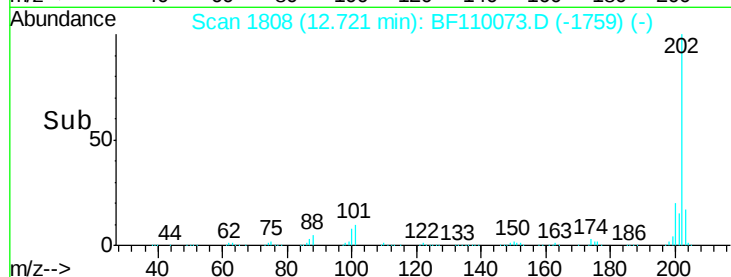
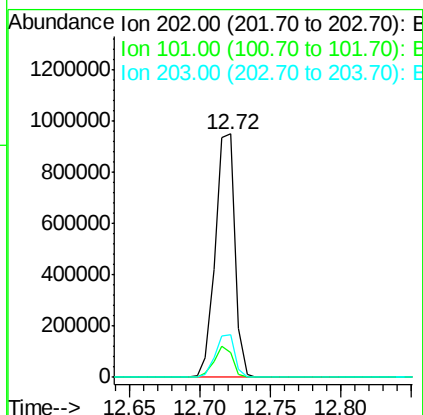
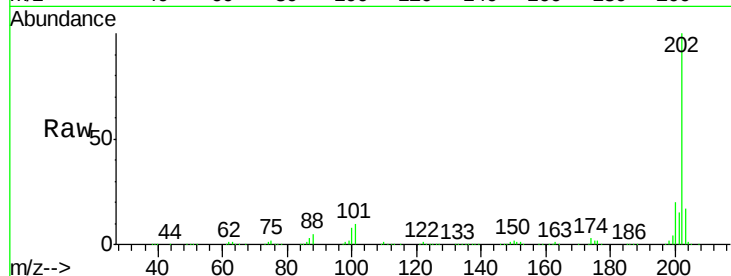




#75
 Fluoranthene
 Concen: 26.779 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF110073.D
 Acq: 23 Oct 2018 12:13

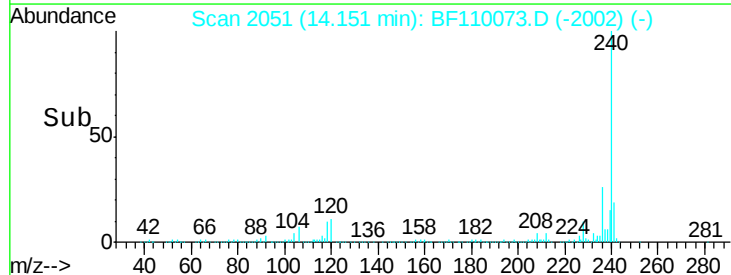
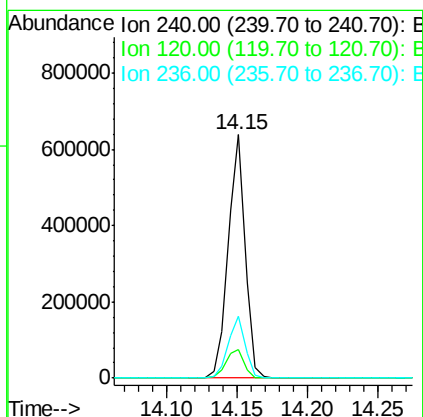
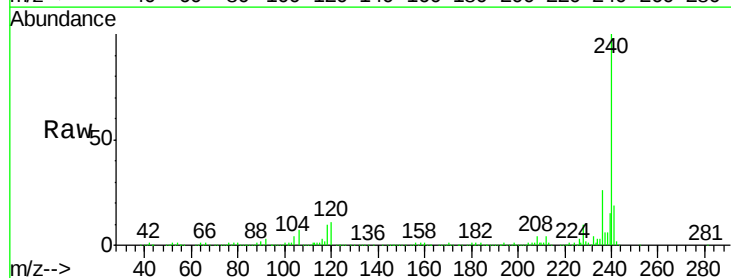
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.4
203	17.3	0.0	37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110073.D
 Acq: 23 Oct 2018 12:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	25.5	21.2	31.8





#77

Benzidine

Concen: 20.469 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

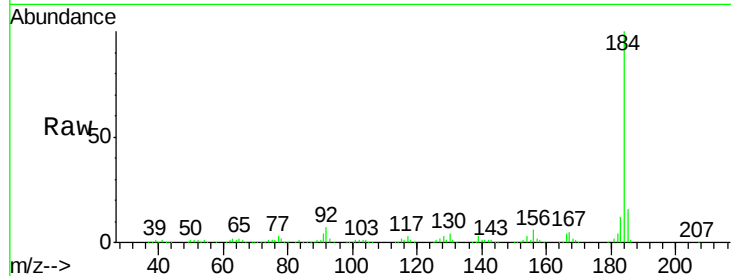
Tgt Ion:184 Resp: 417796

Ion Ratio Lower Upper

184 100

185 15.7 13.4 20.2

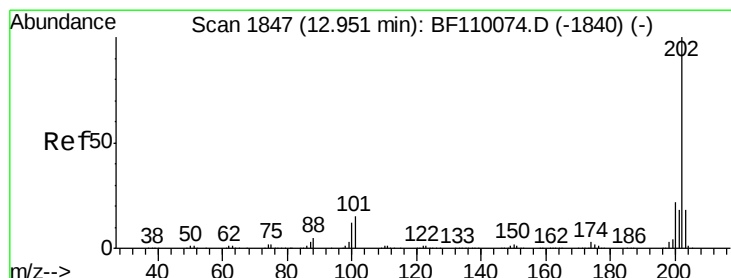
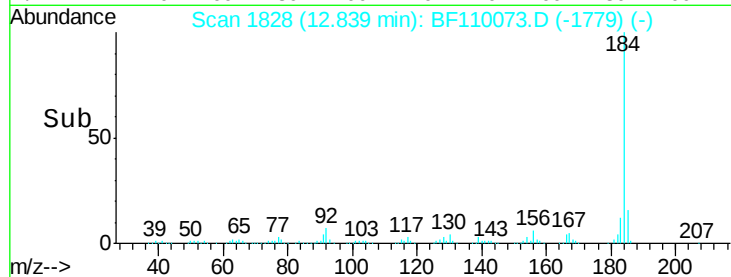
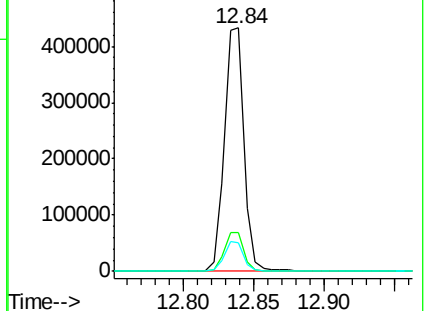
183 11.5 9.4 14.2



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: 24.034 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

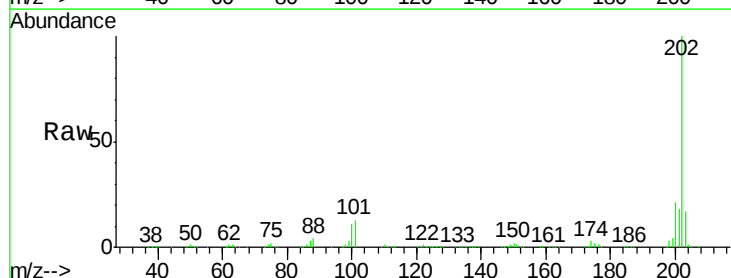
Tgt Ion:202 Resp: 939713

Ion Ratio Lower Upper

202 100

200 21.5 17.8 26.6

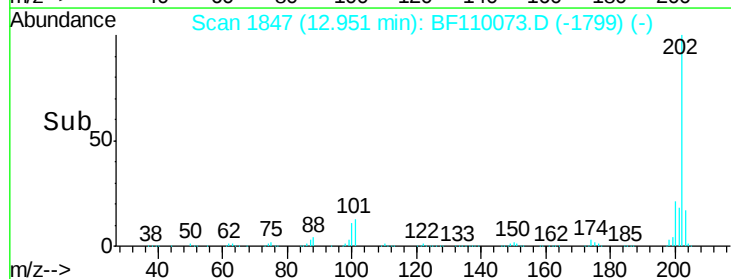
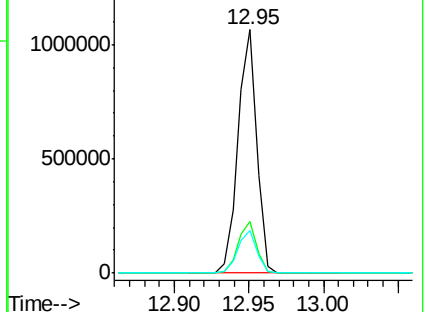
203 17.5 14.2 21.4



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: 50.141 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

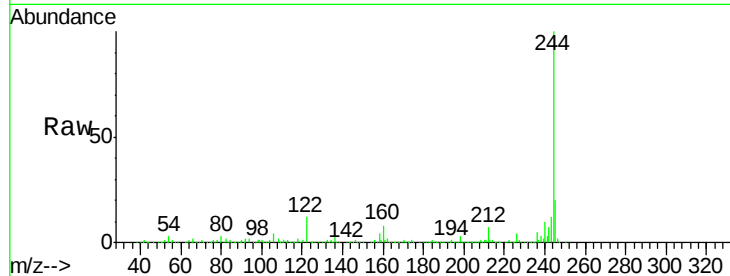
Tgt Ion:244 Resp: 1271099

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

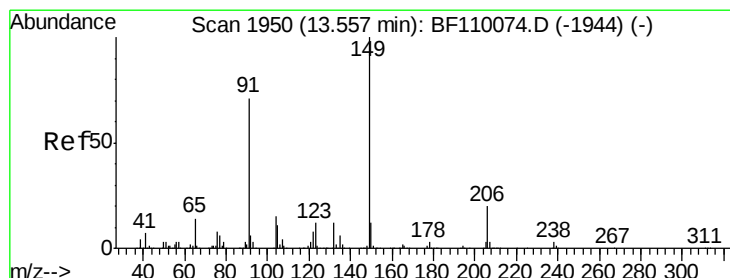
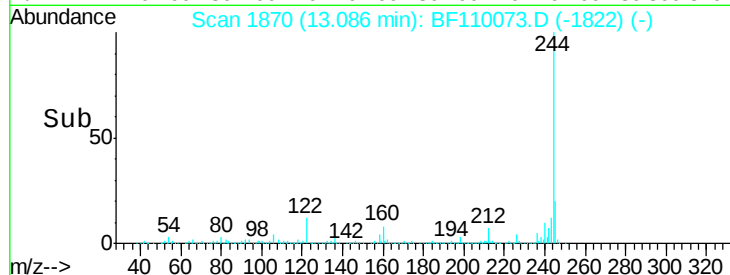
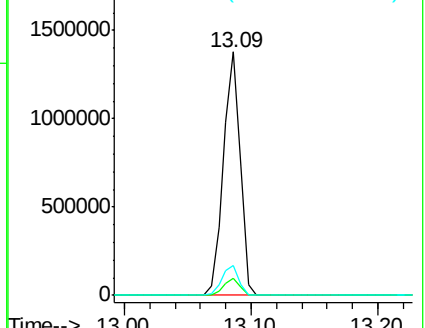
122 12.2 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 26.392 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

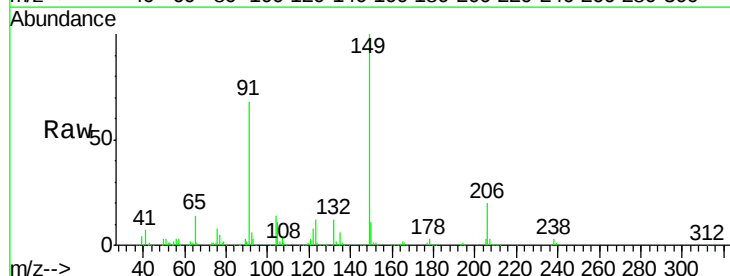
Tgt Ion:149 Resp: 417187

Ion Ratio Lower Upper

149 100

91 68.2 57.2 85.8

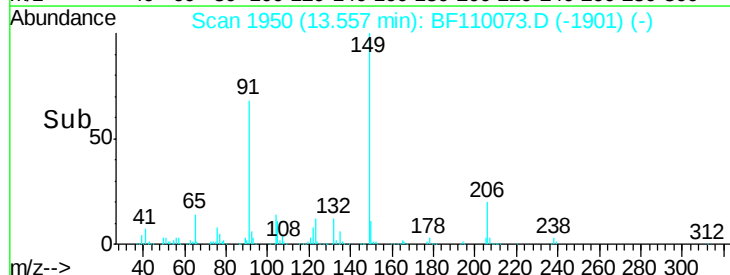
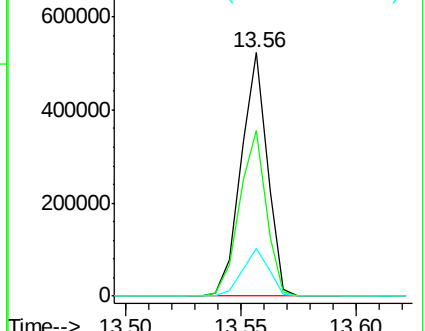
206 19.6 15.7 23.5

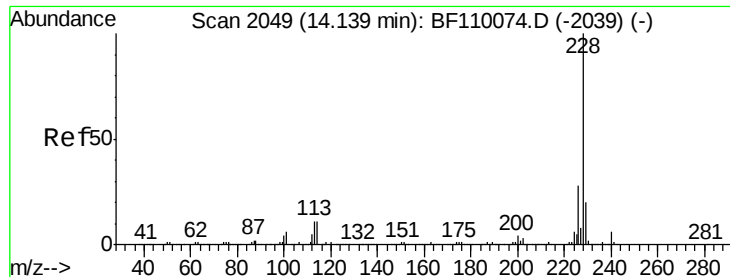


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 25.215 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

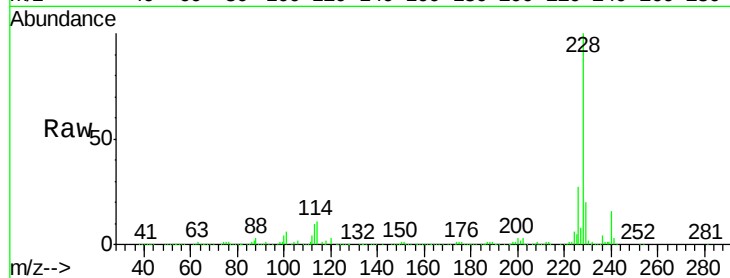
Tgt Ion:228 Resp: 790664

Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

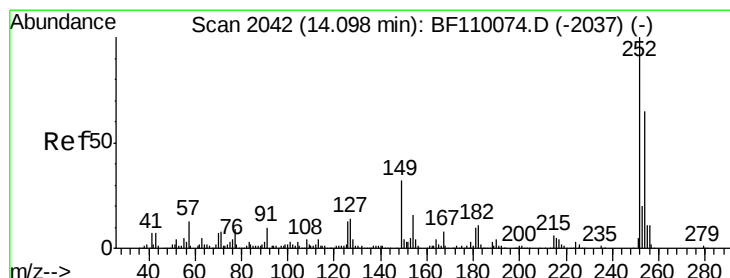
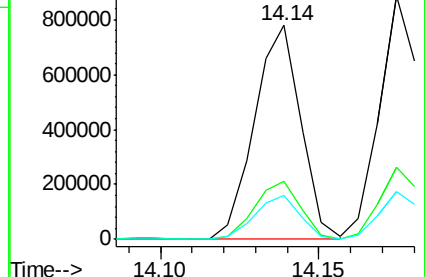
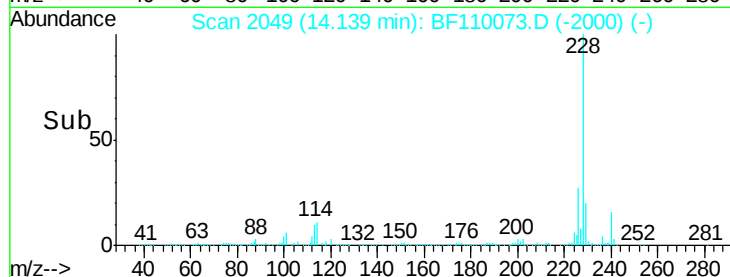
229 20.4 15.6 23.4



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: 27.152 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

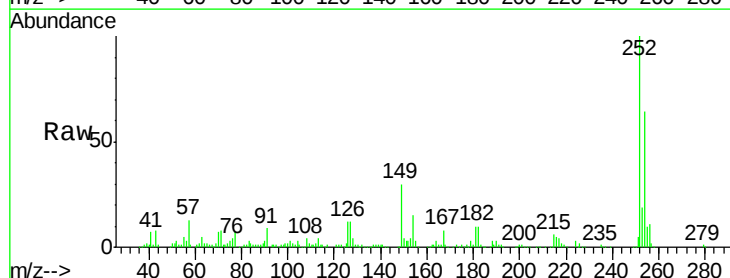
Tgt Ion:252 Resp: 298479

Ion Ratio Lower Upper

252 100

254 64.5 51.3 76.9

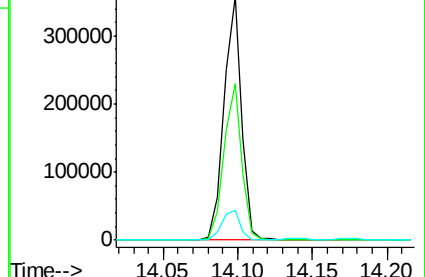
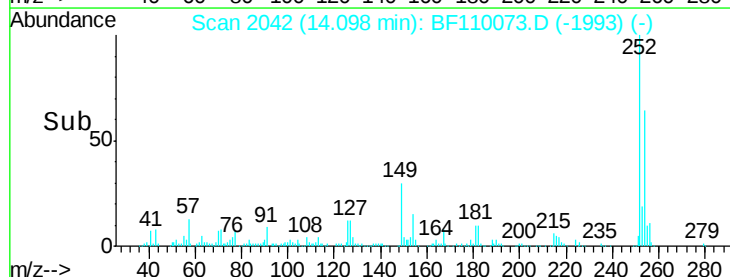
126 12.2 9.4 14.2

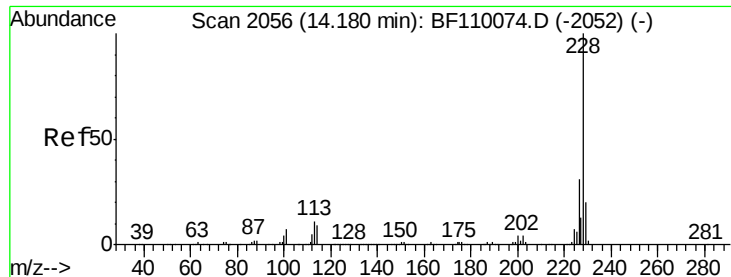


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 25.406 ng

RT: 14.17 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

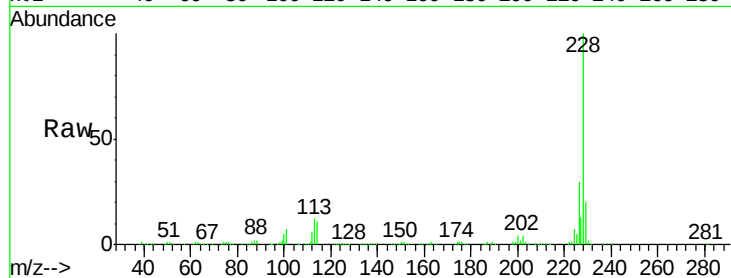
Tgt Ion:228 Resp: 758266

Ion Ratio Lower Upper

228 100

226 29.9 24.7 37.1

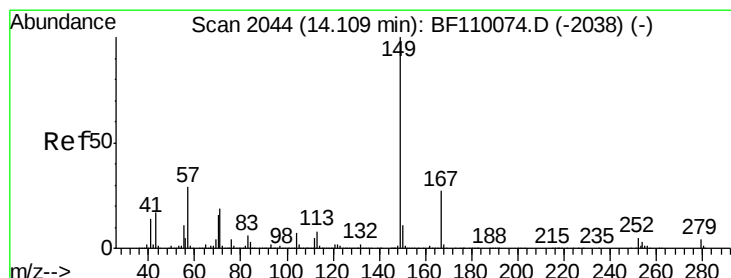
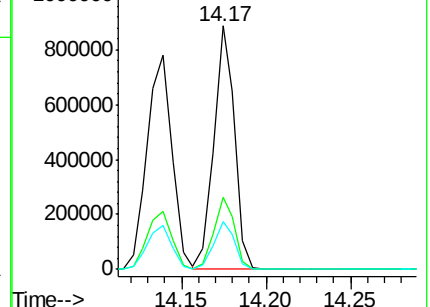
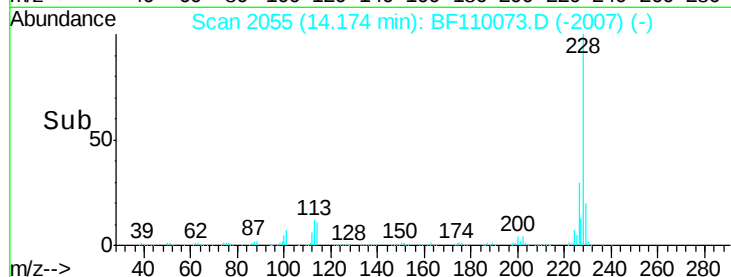
229 19.7 15.9 23.9



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: 27.161 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

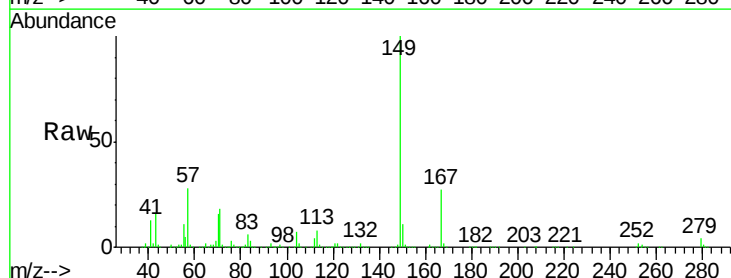
Tgt Ion:149 Resp: 564946

Ion Ratio Lower Upper

149 100

167 27.4 19.8 29.8

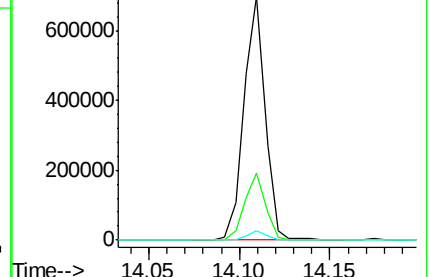
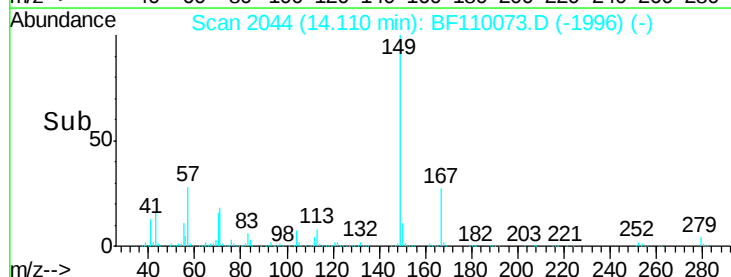
279 3.8 2.7 4.1

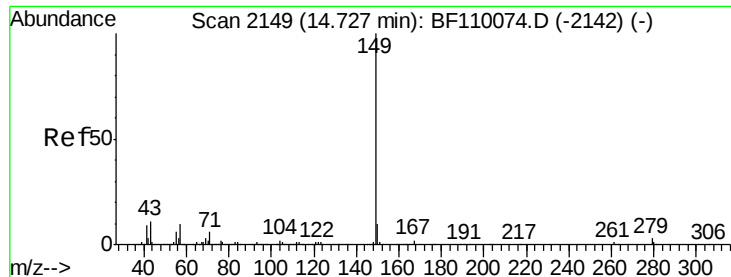


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

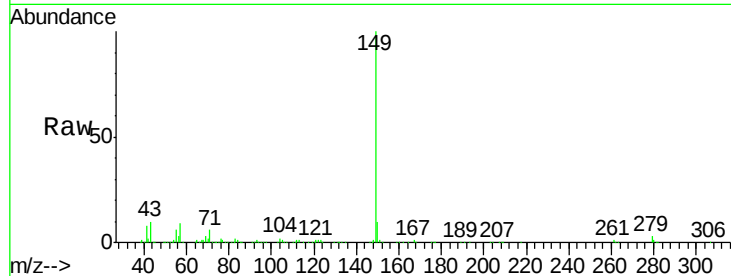




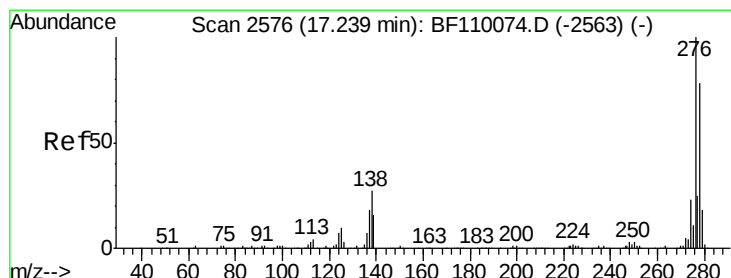
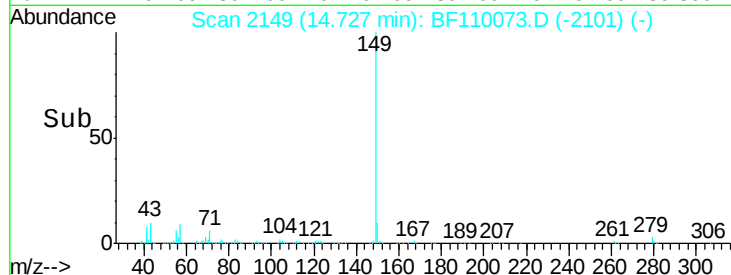
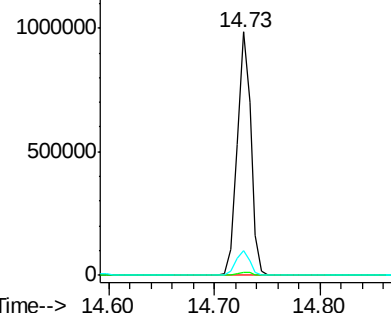
#85
Di-n-octyl phthalate
Concen: 30.299 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110073.D
Acq: 23 Oct 2018 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.3	7.8	11.8

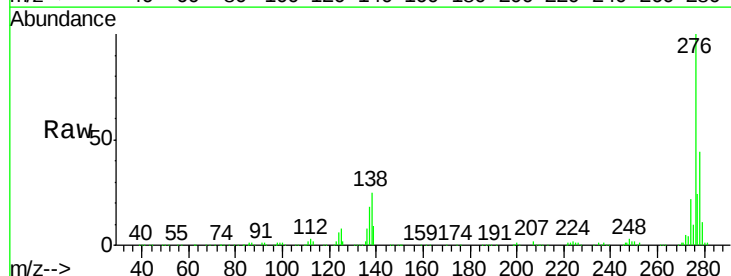


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

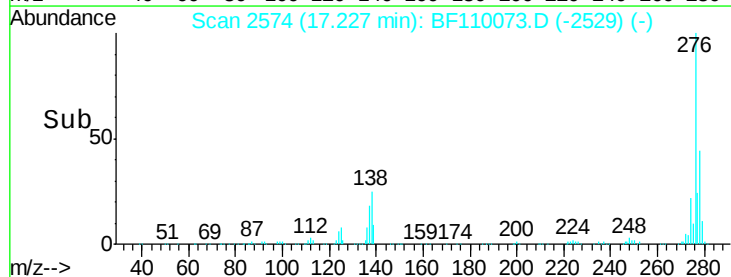
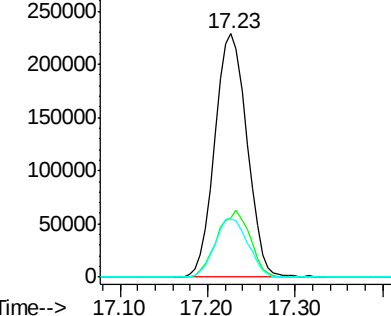


#86
Indeno(1,2,3-cd)pyrene
Concen: 23.810 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.04 min
Lab File: BF110073.D
Acq: 23 Oct 2018 12:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.2	18.5	27.7#
277	24.8	20.0	30.0



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

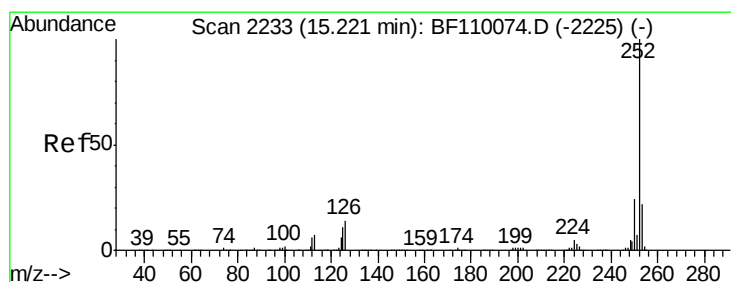
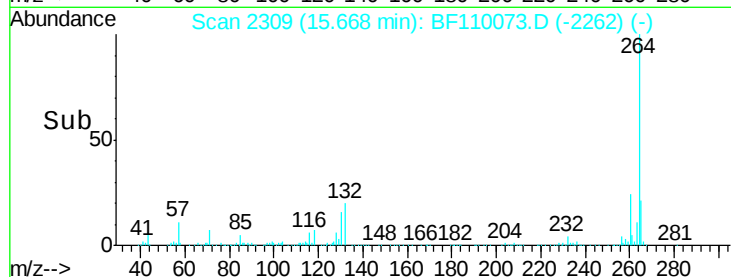
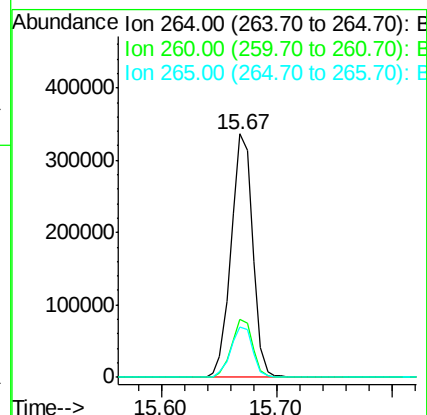
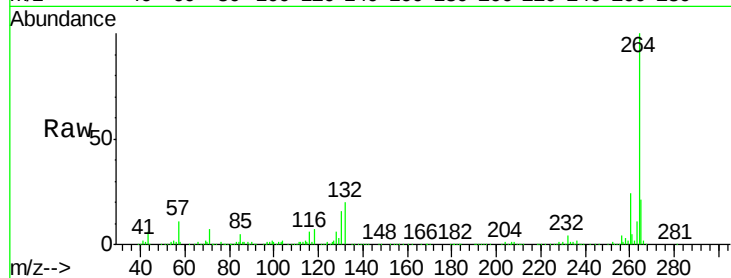




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110073.D
Acq: 23 Oct 2018 12:13

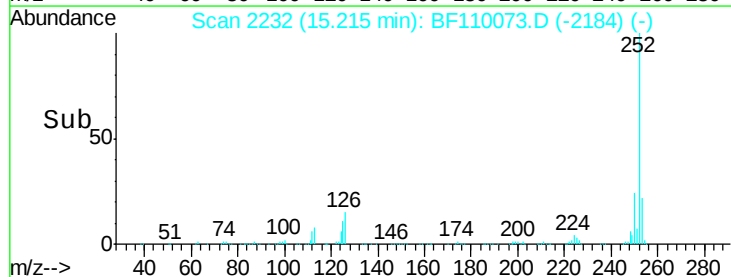
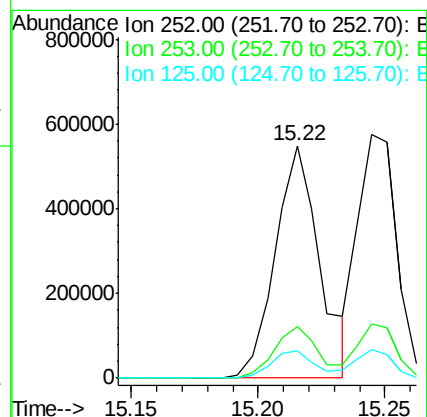
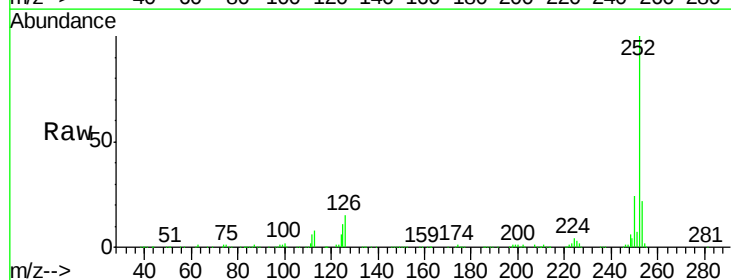
Instrument :
BNA_F
ClientSampleId :
SSTDICC025

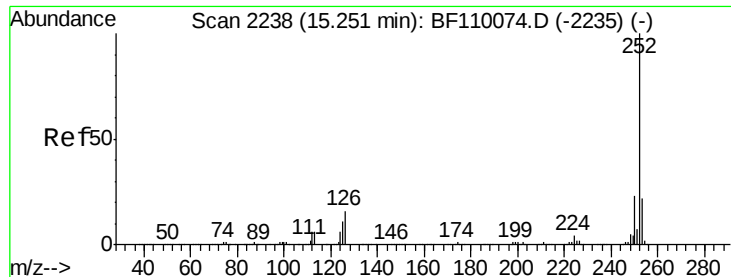
Tgt Ion:264 Resp: 436174
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 20.9 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 26.731 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110073.D
Acq: 23 Oct 2018 12:13

Tgt Ion:252 Resp: 672199
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 11.5 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 24.980 ng

RT: 15.24 min Scan# 2237

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

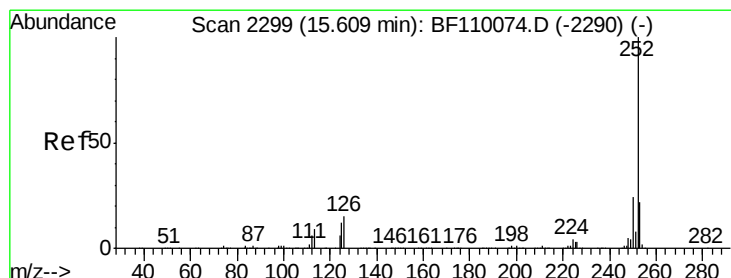
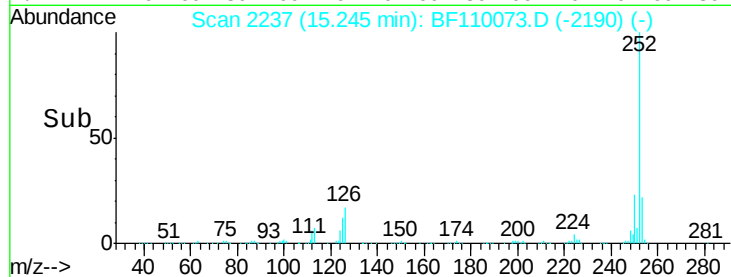
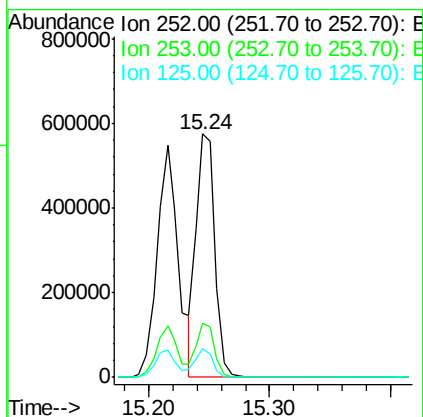
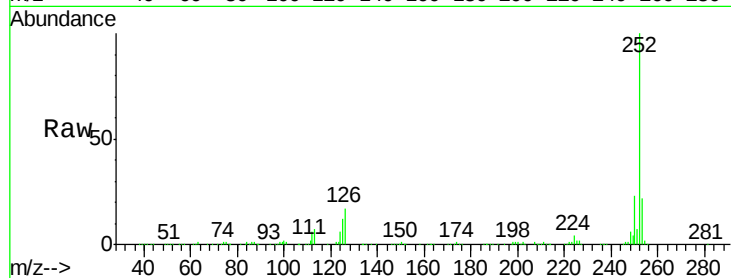
Tgt Ion:252 Resp: 619143

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 11.9 7.4 11.0#



#90

Benzo(a)pyrene

Concen: 25.341 ng

RT: 15.60 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

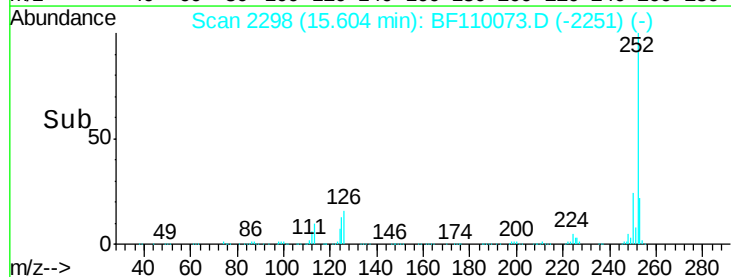
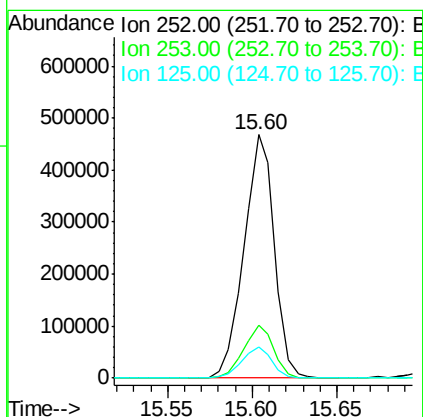
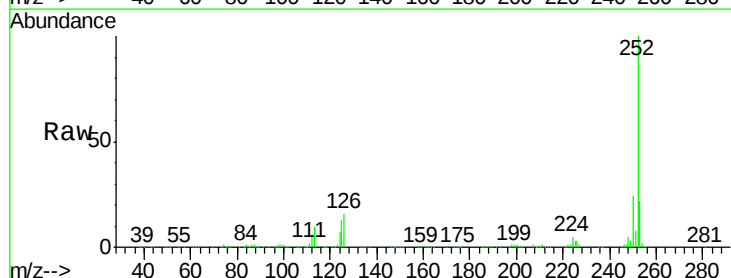
Tgt Ion:252 Resp: 586067

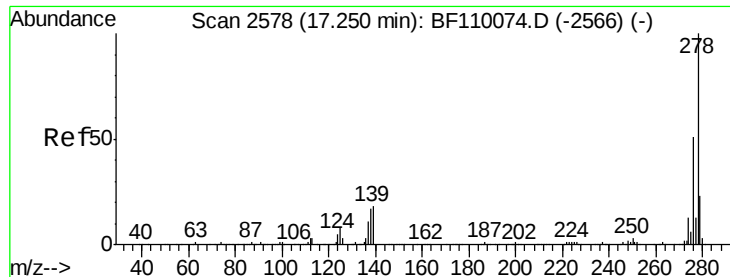
Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.4

125 12.6 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 23.560 ng

RT: 17.24 min Scan# 2577

Delta R.T. -0.04 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

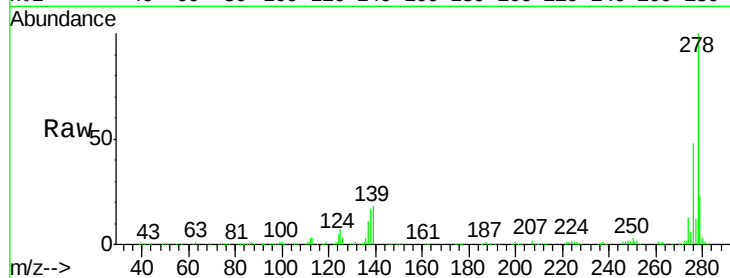
Tgt Ion: 278 Resp: 482888

Ion Ratio Lower Upper

278 100

139 18.4 12.7 19.1

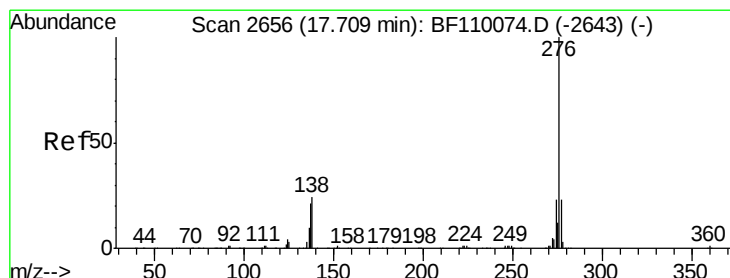
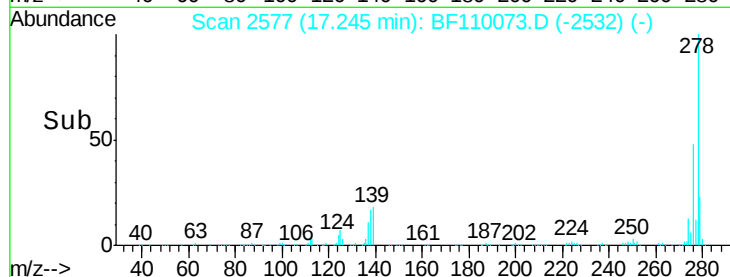
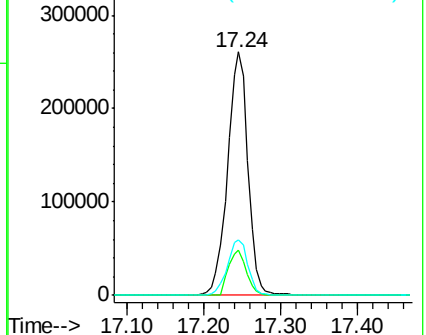
279 23.0 19.0 28.4



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: 21.890 ng

RT: 17.70 min Scan# 2654

Delta R.T. -0.04 min

Lab File: BF110073.D

Acq: 23 Oct 2018 12:13

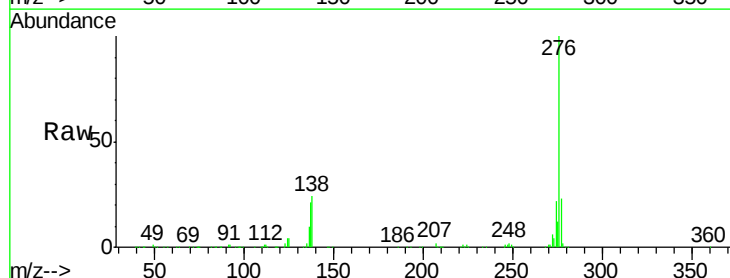
Tgt Ion: 276 Resp: 453307

Ion Ratio Lower Upper

276 100

277 23.0 18.8 28.2

138 23.7 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

