

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105164.D
 Acq On : 9 May 2018 00:18
 Operator : JU/SJ
 Sample : J2133-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 08:35:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	201146	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	804193	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	403137	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	788929	20.00	ng	0.00
75) Chrysene-d12	14.00	240	659538	20.00	ng	-0.02
86) Perylene-d12	15.54	264	595477	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1524462	124.86	ng	0.00
7) Phenol-d6	6.42	99	1824000	125.46	ng	0.00
23) Nitrobenzene-d5	7.36	82	1144106	96.42	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	597065	134.24	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2069932	79.69	ng	0.00
78) Terphenyl-d14	12.91	244	2230021	78.54	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.52	88	52392	8.12	ng	92
3) Pyridine	3.28	79	139198	8.04	ng	88
4) n-Nitrosodimethylamine	3.18	42	62213	7.09	ng	84
6) Aniline	6.46	93	176369	8.31	ng	93
8) 2-Chlorophenol	6.57	128	112375	8.68	ng	96
9) Benzaldehyde	6.35	77	52772	4.74	ng	96
10) Phenol	6.43	94	129984	8.03	ng	99
11) bis(2-Chloroethyl)ether	6.53	93	116151	8.71	ng	91
12) 1,3-Dichlorobenzene	6.73	146	139757	8.95	ng	97
13) 1,4-Dichlorobenzene	6.81	146	141084	9.04	ng	98
14) 1,2-Dichlorobenzene	6.96	146	132040	9.17	ng	98
15) Benzyl Alcohol	6.93	79	112200	10.08	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	206113	8.32	ng	98
17) 2-Methylphenol	7.03	107	98031	8.77	ng	99
18) Hexachloroethane	7.30	117	46466	9.25	ng	95
19) n-Nitroso-di-n-propylamine	7.20	70	87500	9.09	ng	92
20) 3+4-Methylphenols	7.19	107	131980	10.04	ng	96
22) Acetophenone	7.20	105	182918	9.76	ng	# 96
24) Nitrobenzene	7.37	77	131364	9.76	ng	98
25) Isophorone	7.60	82	214810	8.09	ng	97
26) 2-Nitrophenol	7.69	139	46515	16.78	ng	97
27) 2,4-Dimethylphenol	7.72	122	91640	7.77	ng	96
28) bis(2-Chloroethoxy)methane	7.82	93	137302	8.38	ng	98
29) 2,4-Dichlorophenol	7.92	162	92942	8.42	ng	93
30) 1,2,4-Trichlorobenzene	8.01	180	119380	9.38	ng	97
31) Naphthalene	8.09	128	357055	9.22	ng	99
32) Benzoic acid	7.79	122	57174	16.90	ng	92
33) 4-Chloroaniline	8.14	127	140725	8.74	ng	97
34) Hexachlorobutadiene	8.21	225	70650	9.58	ng	98
35) Caprolactam	8.47	113	27701	8.27	ng	# 78
36) 4-Chloro-3-methylphenol	8.61	107	97573	8.49	ng	95
37) 2-Methylnaphthalene	8.78	142	244668	9.07	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	120467	9.39	ng	97
40) Hexachlorocyclopentadiene	8.93	237	55187	7.96	ng	98

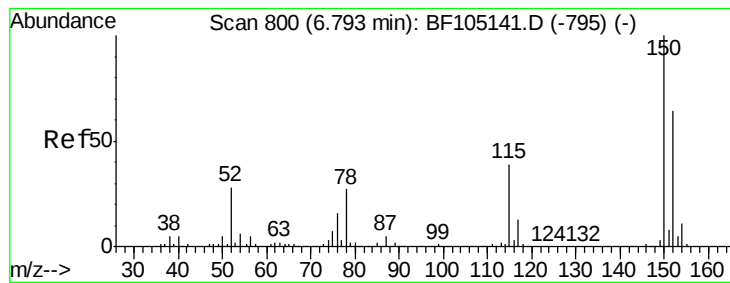
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	66342	8.48	nq	91
43) 2,4,5-Trichlorophenol	9.09	196	76085	9.30	nq	# 89
45) 1,1'-Biphenyl	9.25	154	325922	9.92	nq	98
46) 2-Chloronaphthalene	9.27	162	231873	9.45	nq	99
47) 2-Nitroaniline	9.36	65	60093	13.27	nq	89
48) Acenaphthylene	9.69	152	359002	9.47	nq	99
49) Dimethylphthalate	9.55	163	266742	9.77	nq	100
50) 2,6-Dinitrotoluene	9.60	165	55150	9.31	nq	97
51) Acenaphthene	9.86	154	237396	9.72	nq	98
52) 3-Nitroaniline	9.77	138	59644	9.56	nq	96
53) 2,4-Dinitrophenol	9.87	184	11872	16.50	nq	# 24
54) Dibenzofuran	10.03	168	328691	9.20	nq	97
55) 4-Nitrophenol	9.92	139	40667	11.16	nq	93
56) 2,4-Dinitrotoluene	10.00	165	68183	11.62	nq	98
57) Fluorene	10.37	166	255400	9.74	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	58643	8.03	nq	# 91
59) Diethylphthalate	10.25	149	259135	9.66	nq	96
60) 4-Chlorophenyl-phenylether	10.37	204	125662	10.30	nq	# 87
61) 4-Nitroaniline	10.38	138	53935	8.69	nq	99
62) Azobenzene	10.53	77	248727	8.89	nq	94
64) 4,6-Dinitro-2-methylphenol	10.41	198	25514	17.32	nq	90
65) n-Nitrosodiphenylamine	10.49	169	224143	9.11	nq	100
66) 4-Bromophenyl-phenylether	10.86	248	75718	9.00	nq	# 85
67) Hexachlorobenzene	10.92	284	89511	9.23	nq	# 88
68) Atrazine	11.01	200	47617	6.18	nq	97
69) Pentachlorophenol	11.11	266	45770	10.90	nq	94
70) Phenanthrene	11.33	178	390877	9.40	nq	98
71) Anthracene	11.39	178	386278	9.14	nq	98
72) Carbazole	11.54	167	352181	9.25	nq	99
73) Di-n-butylphthalate	11.87	149	388212	9.53	nq	99
74) Fluoranthene	12.52	202	405008	9.34	nq	97
77) Pyrene	12.75	202	424811	8.86	nq	99
79) Butylbenzylphthalate	13.39	149	140055	13.82	nq	97
80) Benzo(a)anthracene	13.99	228	355940	8.90	nq	98
81) 3,3'-Dichlorobenzidine	13.95	252	107627	7.16	nq	# 97
82) Chrysene	14.03	228	357355	8.68	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	195361	9.85	nq	100
84) Di-n-octyl phthalate	14.67	149	268343	12.90	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.97	276	247601	7.58	nq	# 93
87) Benzo(b)fluoranthene	15.11	252	321877	8.84	nq	98
88) Benzo(k)fluoranthene	15.14	252	305007	8.63	nq	98
89) Benzo(a)pyrene	15.47	252	274903	8.30	nq	97
90) Dibenzo(a,h)anthracene	17.00	278	205590	7.99	nq	96
91) Benzo(g,h,i)perylene	17.40	276	201630	8.01	nq	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

Instrument :

BNA_F

ClientSampled :

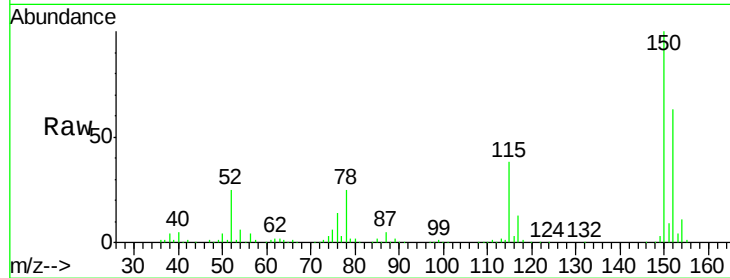
Tot Ion:152 Resp: 201146

Ion Ratio Lower Upper

152 100

150 159.7 124.6 186.8

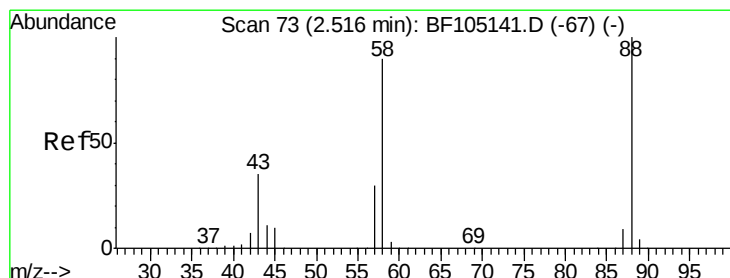
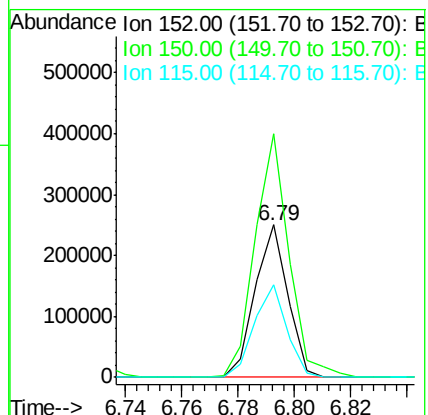
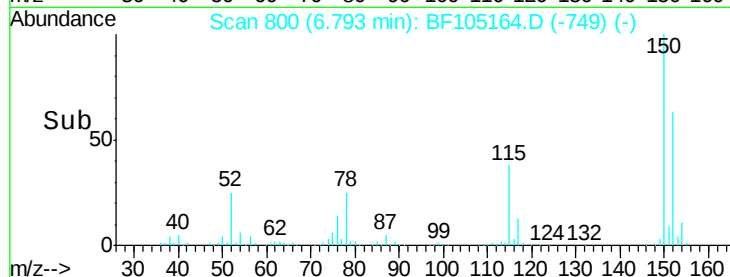
115 60.6 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 8.12 ng

RT: 2.52 min Scan# 73

Delta R.T. -0.00 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

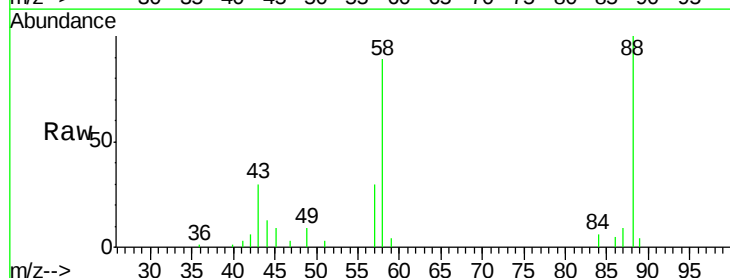
Tgt Ion: 88 Resp: 52392

Ion Ratio Lower Upper

88 100

58 86.6 62.6 93.8

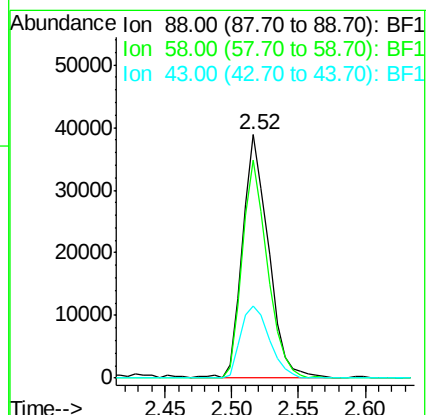
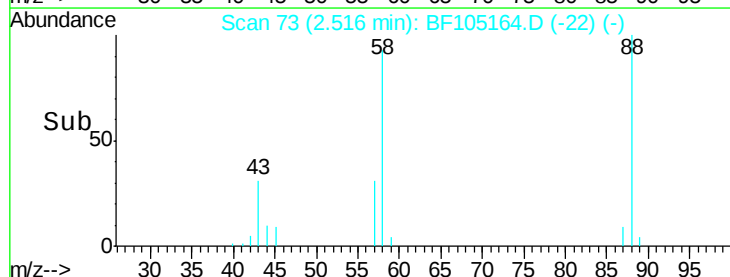
43 32.9 24.6 37.0

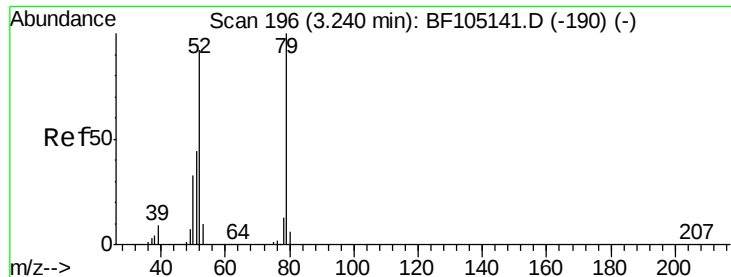


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 8.04 ng

RT: 3.28 min Scan# 202

Delta R.T. 0.04 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

Instrument :

BNA_F

ClientSampleId :

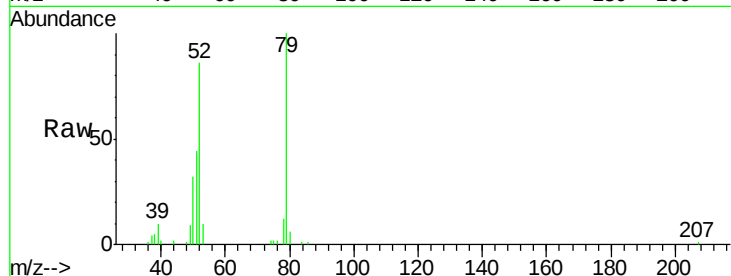
Tot Ion: 79 Resp: 139198

Ion Ratio Lower Upper

79 100

52 85.9 59.8 89.6

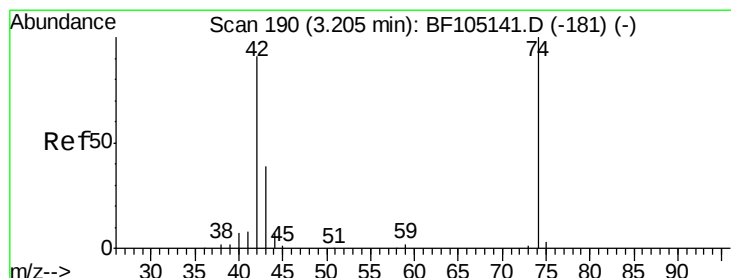
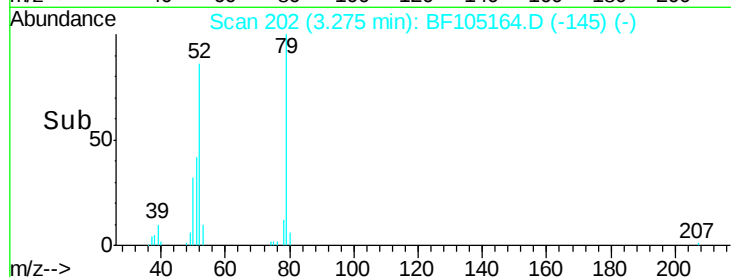
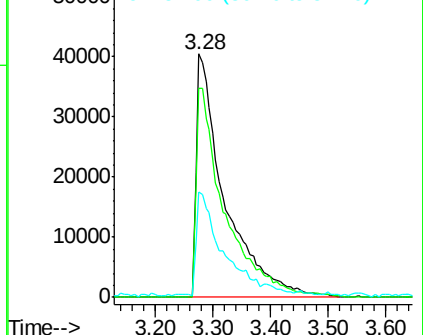
51 43.5 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 7.09 ng

RT: 3.18 min Scan# 186

Delta R.T. -0.02 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

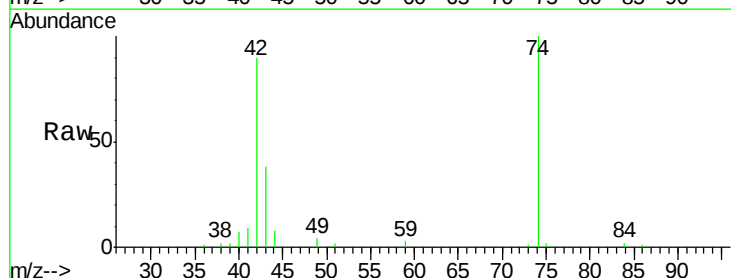
Tgt Ion: 42 Resp: 62213

Ion Ratio Lower Upper

42 100

74 111.4 104.9 157.3

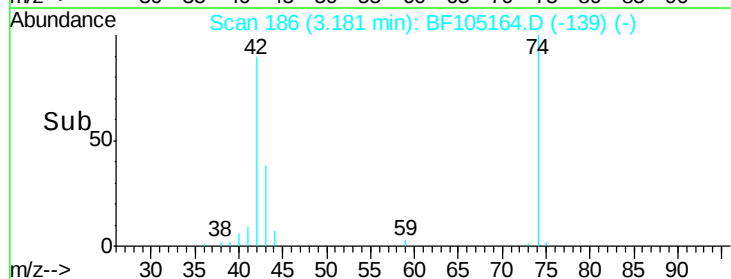
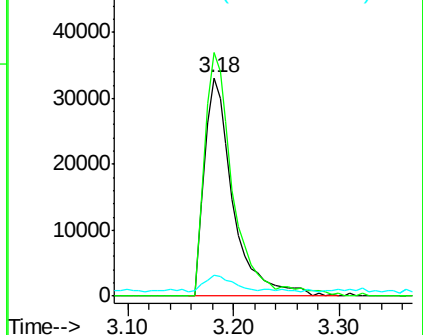
44 9.3 6.9 10.3

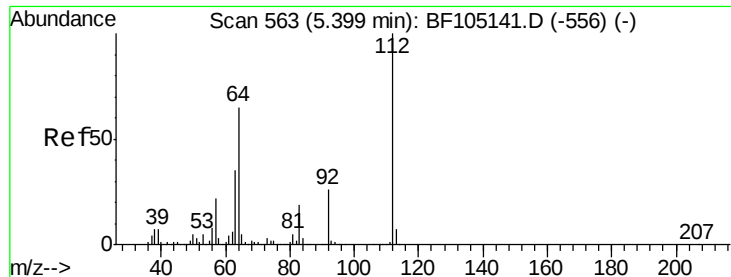


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 124.86 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

Instrument :

BNA_F

ClientSampleId :

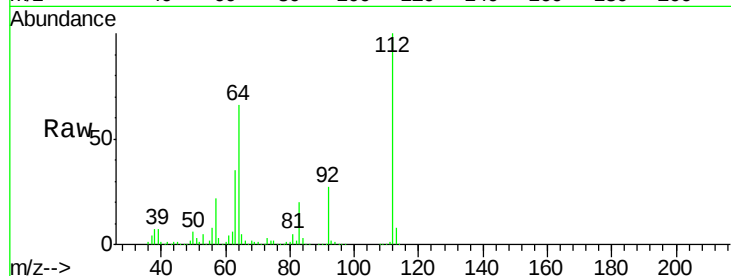
Tot Ion:112 Resp: 1524462

Ion Ratio Lower Upper

112 100

64 65.5 47.9 71.9

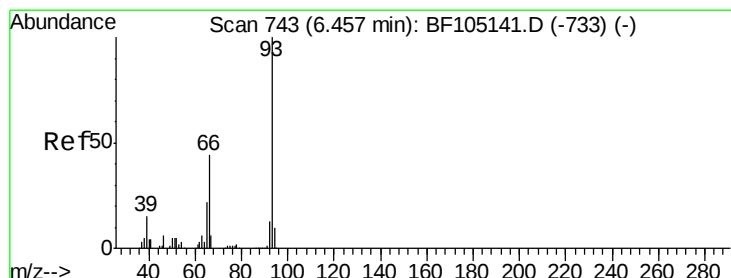
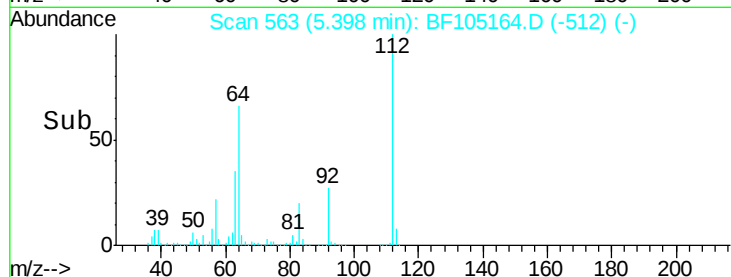
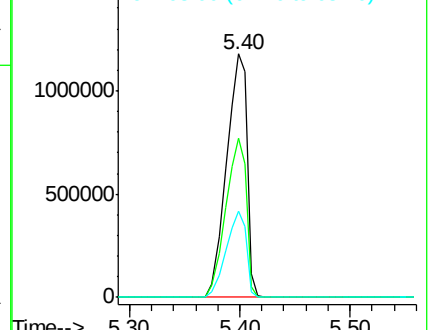
63 35.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.31 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

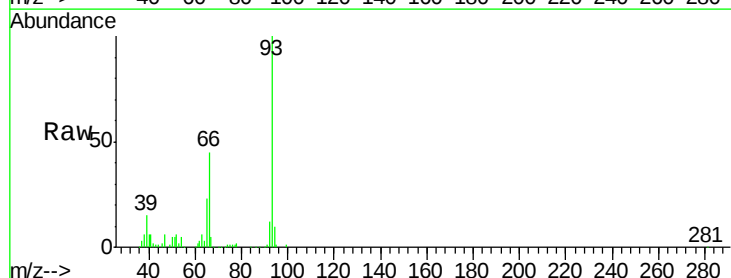
Tgt Ion: 93 Resp: 176369

Ion Ratio Lower Upper

93 100

66 45.3 32.2 48.2

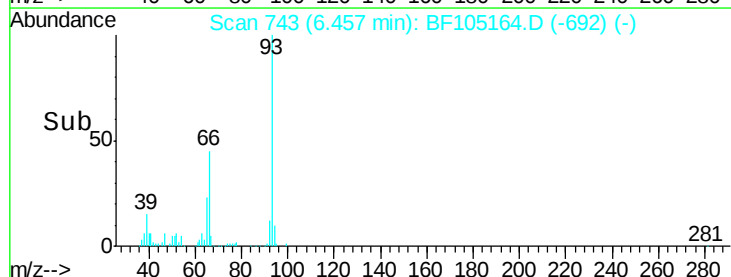
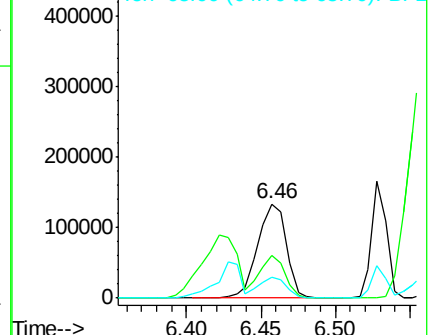
65 22.6 16.4 24.6

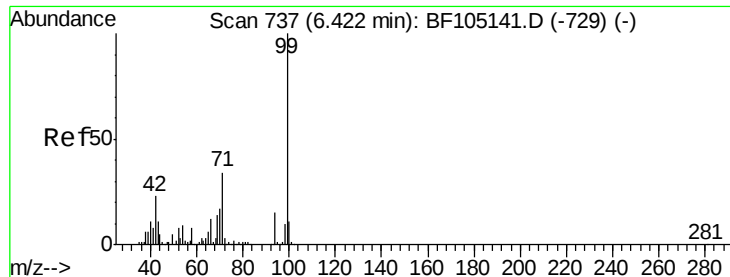


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 125.46 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

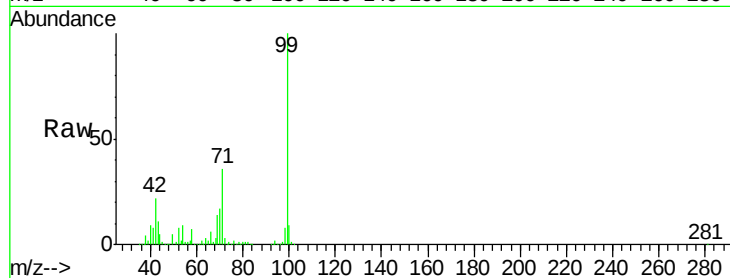
Instrument :

BNA_F

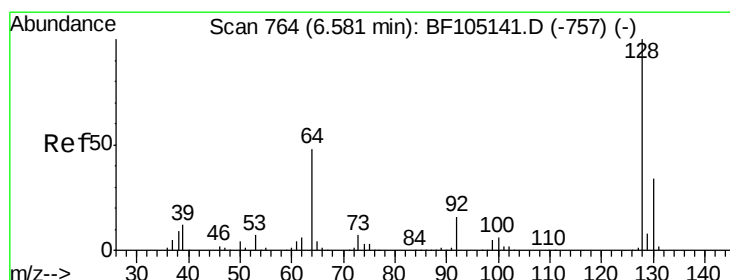
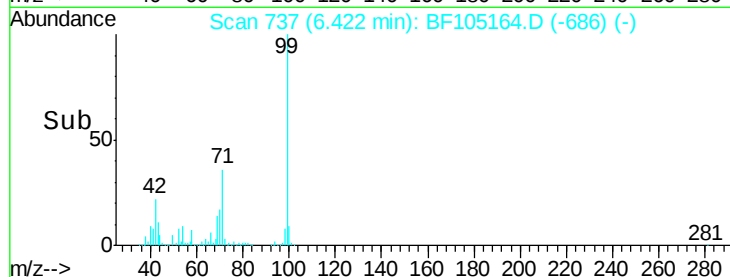
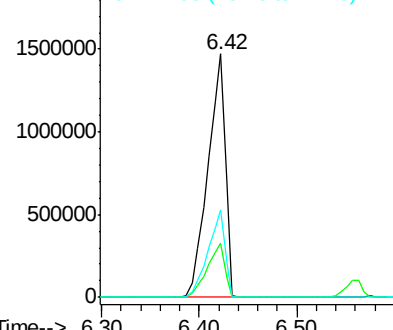
ClientSampleId :

Tot Ion: 99 Resp: 1824000

Ion	Ratio	Lower	Upper
99	100		
42	22.5	14.5	21.7#
71	36.2	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 8.68 ng

RT: 6.57 min Scan# 763

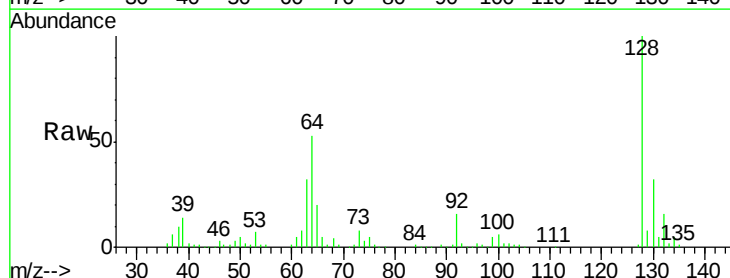
Delta R.T. -0.01 min

Lab File: BF105164.D

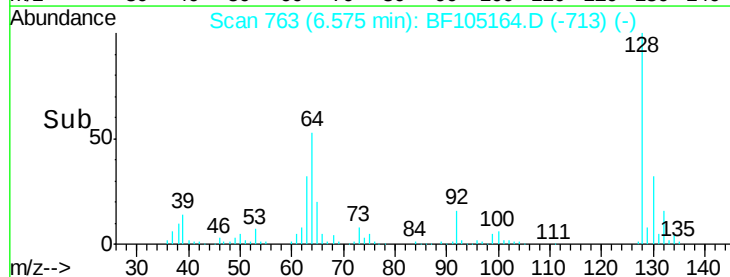
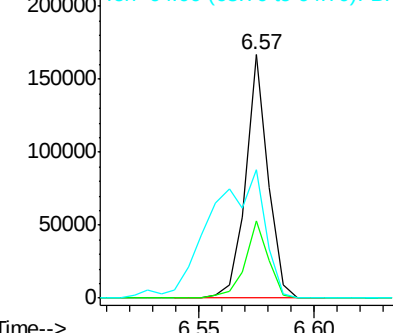
Acq: 9 May 2018 00:18

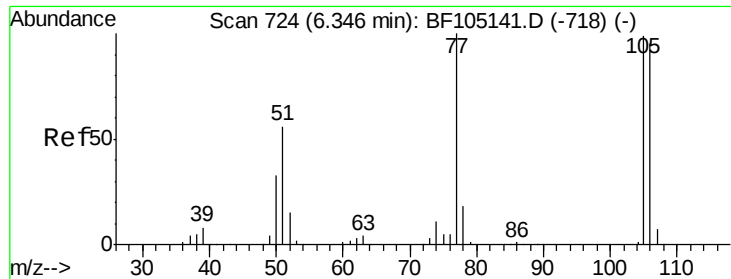
Tgt Ion: 128 Resp: 112375

Ion	Ratio	Lower	Upper
128	100		
130	31.9	13.0	53.0
64	52.8	29.4	69.4



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





#9

Benzaldehyde

Concen: 4.74 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

Instrument :

BNA_F

ClientSampled :

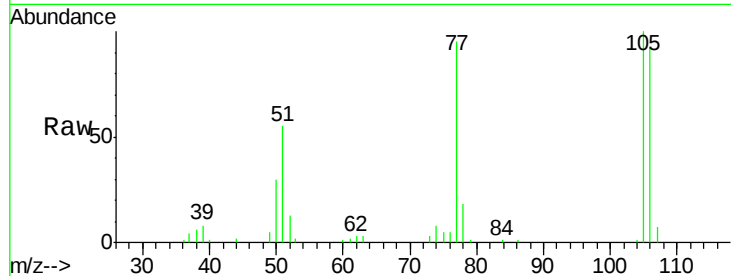
Tot Ion: 77 Resp: 52772

Ion Ratio Lower Upper

77 100

105 105.3 81.1 121.1

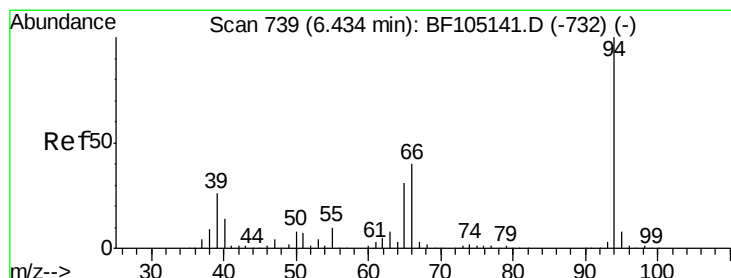
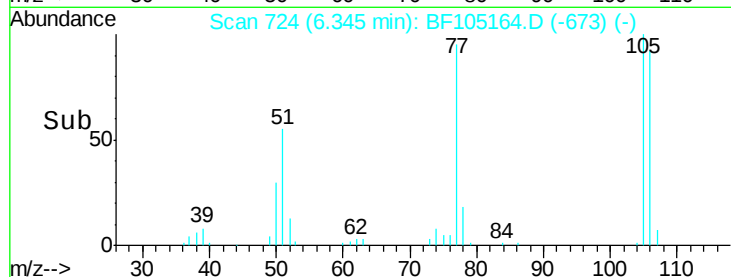
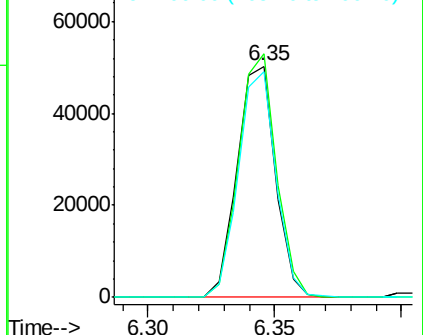
106 97.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 8.03 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

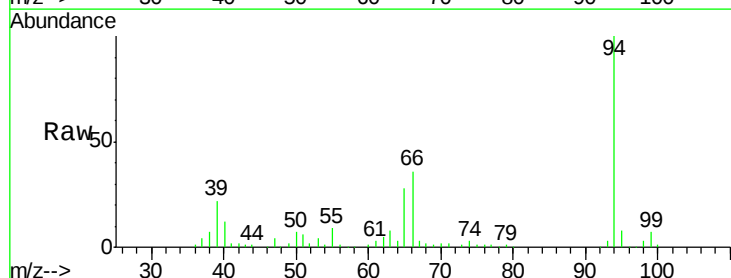
Tgt Ion: 94 Resp: 129984

Ion Ratio Lower Upper

94 100

65 28.0 7.9 47.9

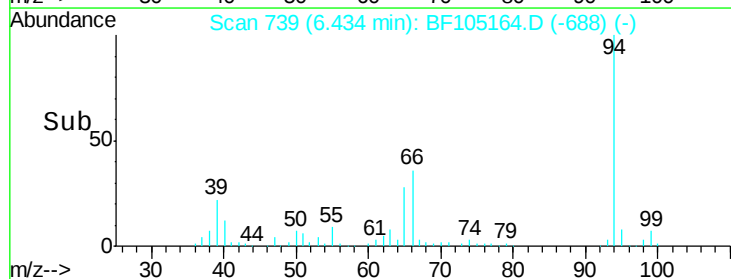
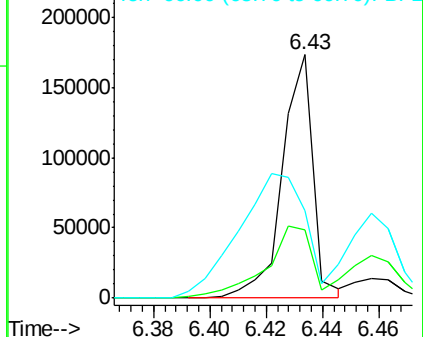
66 35.7 16.2 56.2

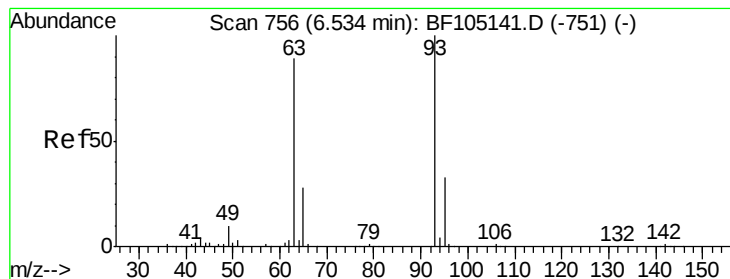


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 8.71 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

Instrument :

BNA_F

ClientSampleId :

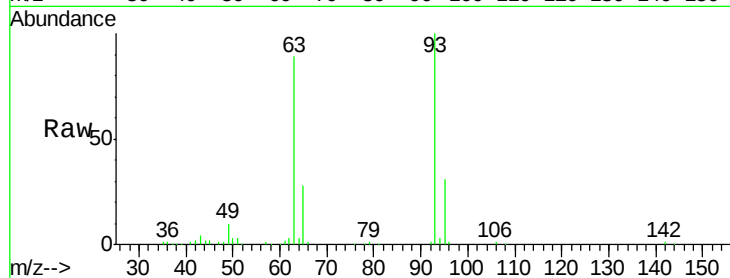
Tot Ion: 93 Resp: 116151

Ion Ratio Lower Upper

93 100

63 89.0 58.6 98.6

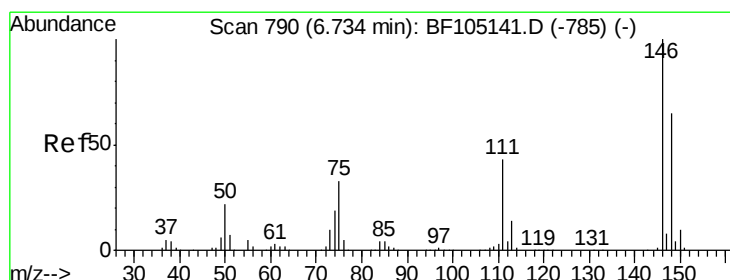
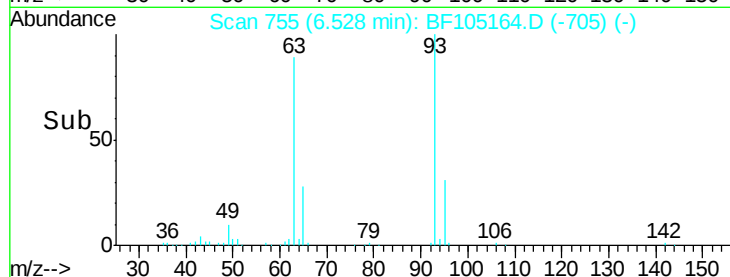
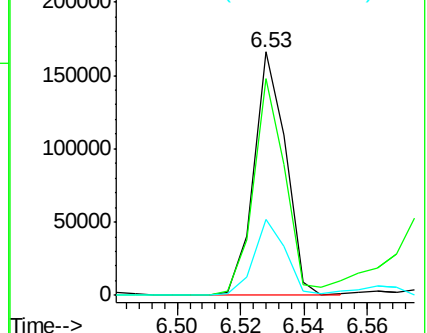
95 31.4 11.8 51.8



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: 8.95 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

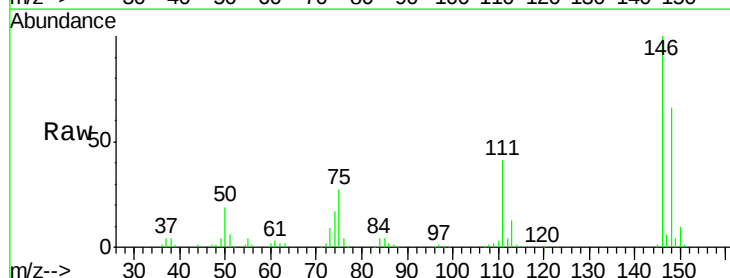
Tgt Ion: 146 Resp: 139757

Ion Ratio Lower Upper

146 100

148 66.2 51.8 77.8

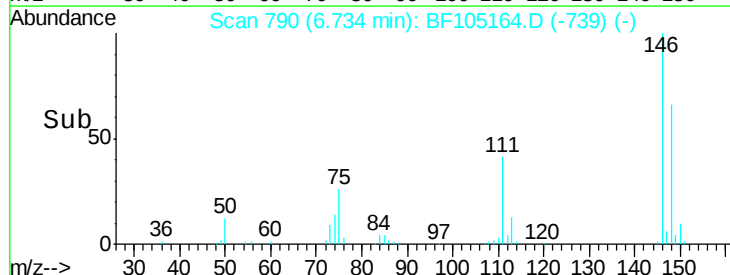
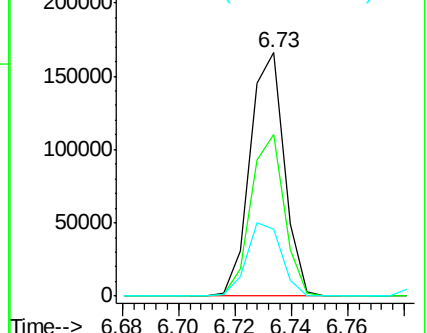
75 27.5 24.2 36.4

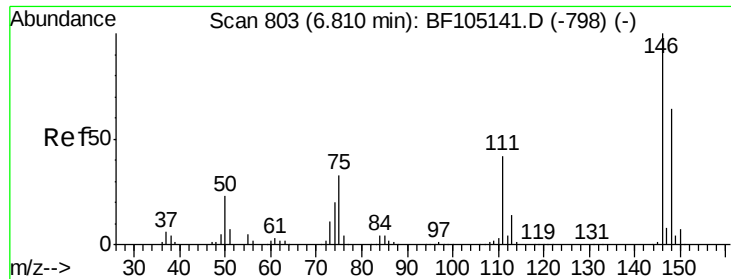


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

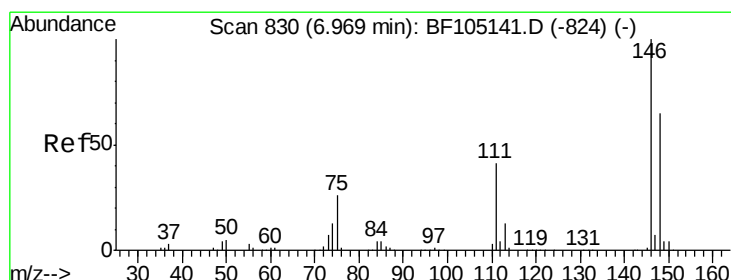
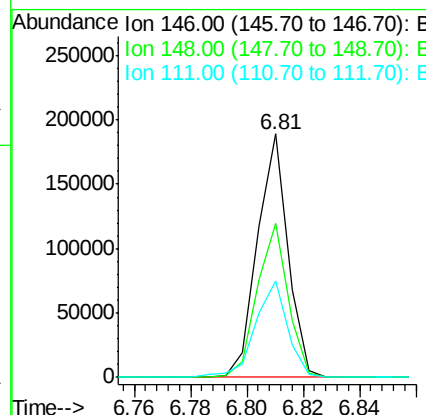
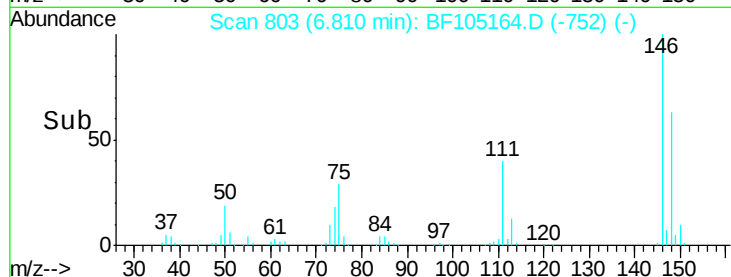
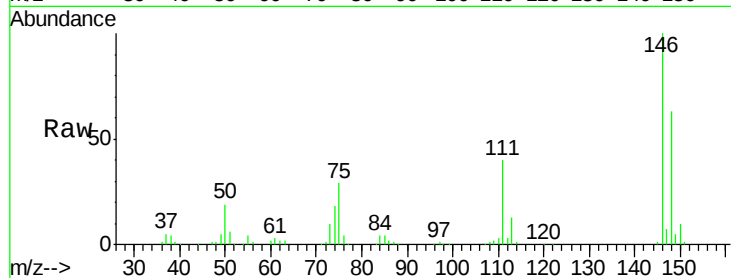




#13
 1,4-Dichlorobenzene
 Concen: 9.04 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF105164.D
 Acq: 9 May 2018 00:18

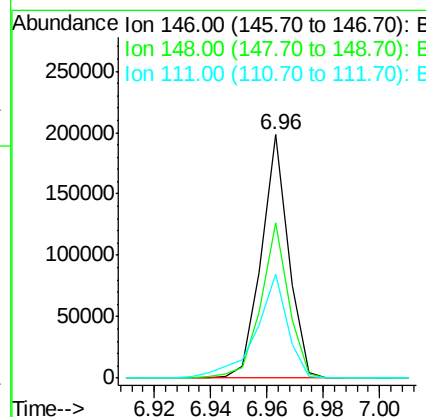
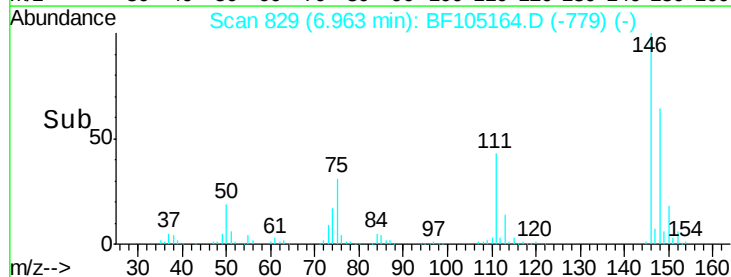
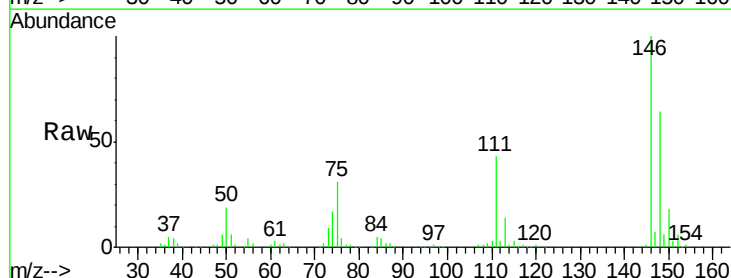
Instrument :
 BNA_F
 ClientSampled :

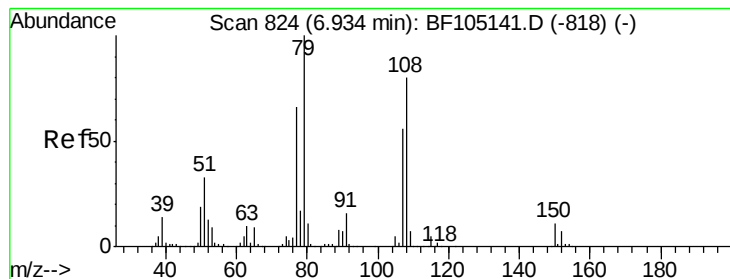
Tot Ion:146 Resp: 141084
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.8 76.2
 111 39.7 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 9.17 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF105164.D
 Acq: 9 May 2018 00:18

Tgt Ion:146 Resp: 132040
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 75.8
 111 42.9 36.0 54.0





#15

Benzyl Alcohol

Concen: 10.08 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

Instrument :

BNA_F

ClientSampleId :

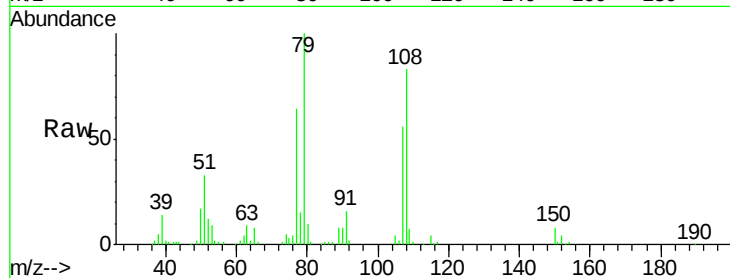
Tot Ion: 79 Resp: 112200

Ion Ratio Lower Upper

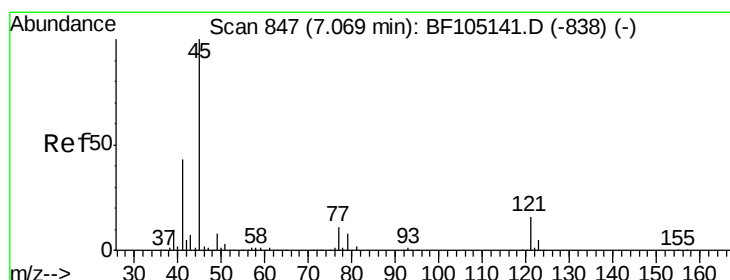
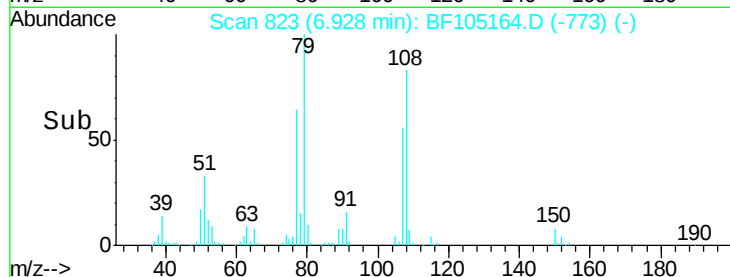
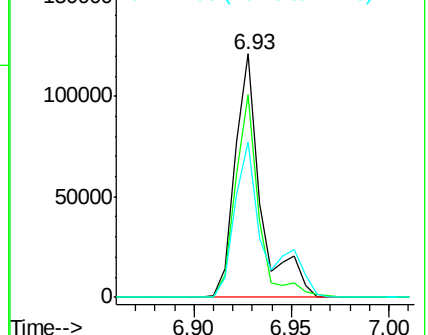
79 100

108 83.0 65.1 97.7

77 64.0 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.32 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

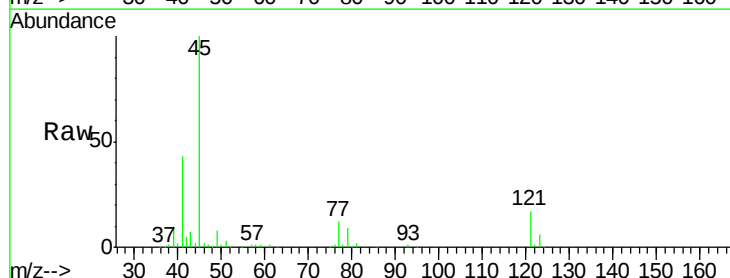
Tgt Ion: 45 Resp: 206113

Ion Ratio Lower Upper

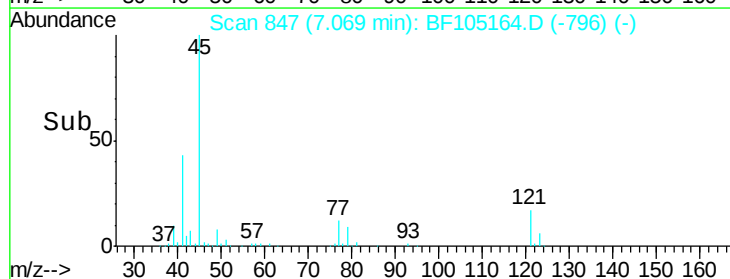
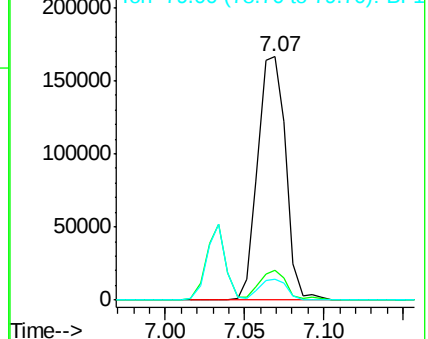
45 100

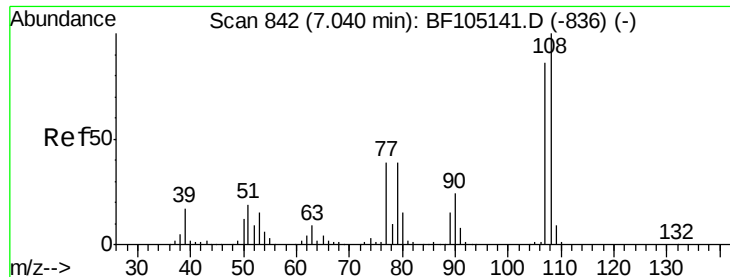
77 12.1 0.0 32.9

79 8.7 0.0 29.6



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

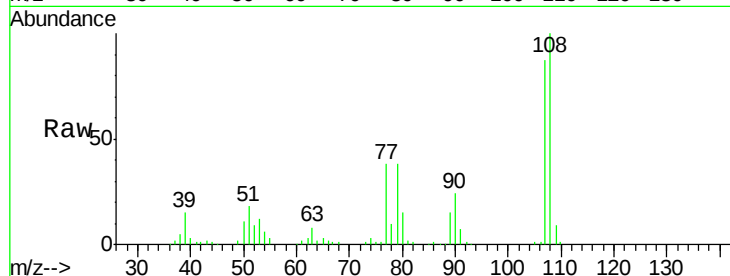




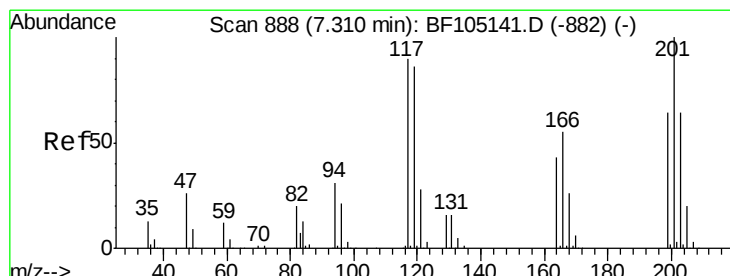
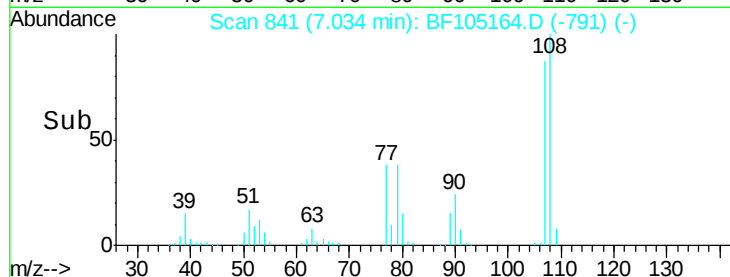
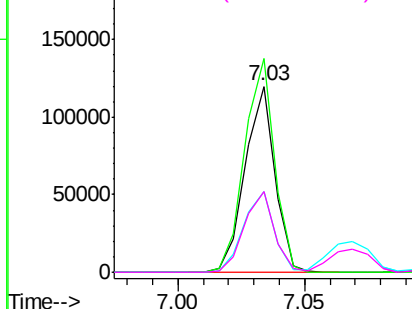
#17
2-Methylphenol
Concen: 8.77 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 98031
Ion Ratio Lower Upper
107 100
108 115.1 91.7 137.5
77 43.5 33.8 50.8
79 43.2 33.8 50.8

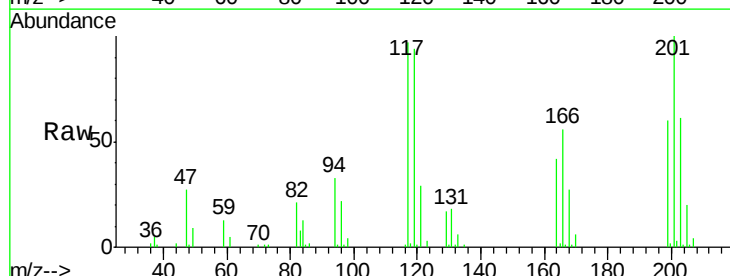


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

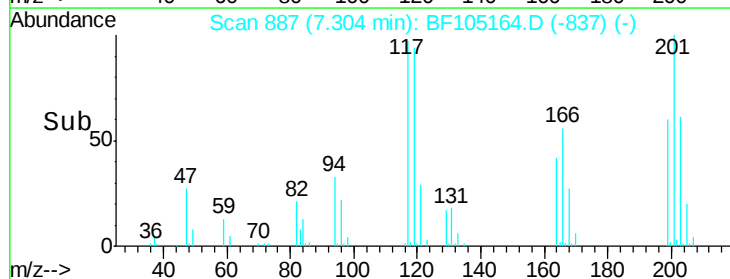
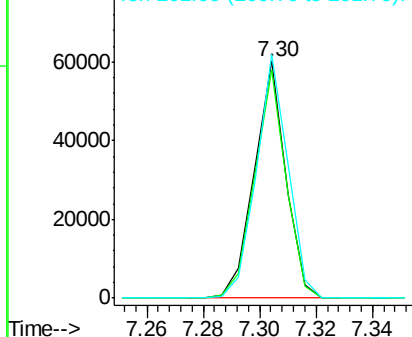


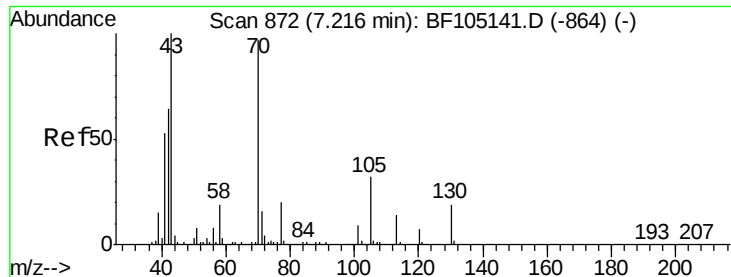
#18
Hexachloroethane
Concen: 9.25 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Tgt Ion:117 Resp: 46466
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.8
201 102.8 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

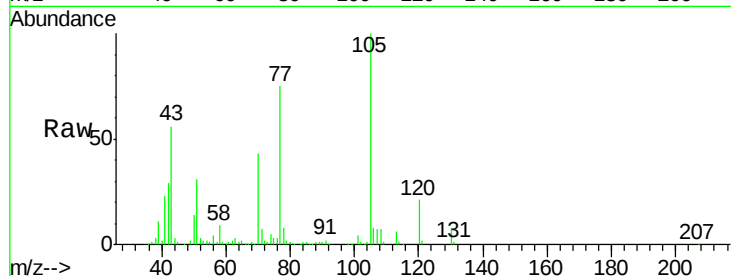




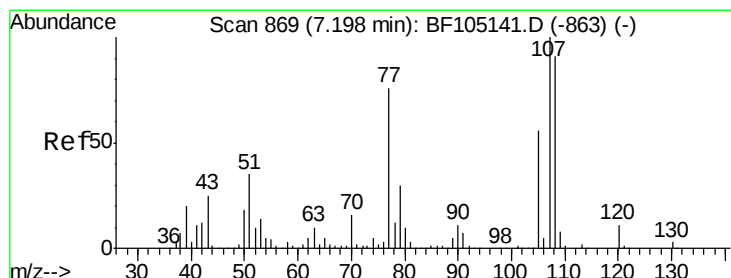
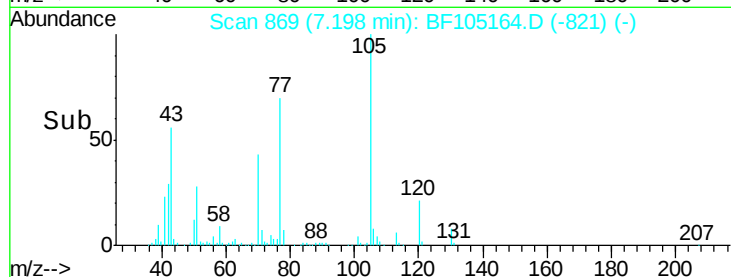
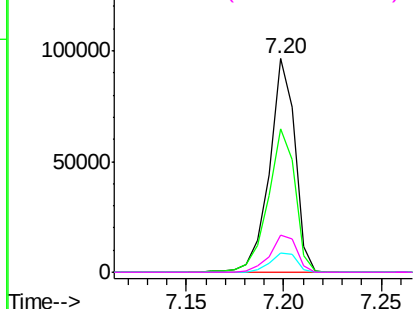
#19
n-Nitroso-di-n-propylamine
Concen: 9.09 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	87500
Ion	Ratio	Lower	Upper
70	100		
42	66.9	47.5	71.3
101	9.0	7.4	11.2
130	17.6	16.6	25.0

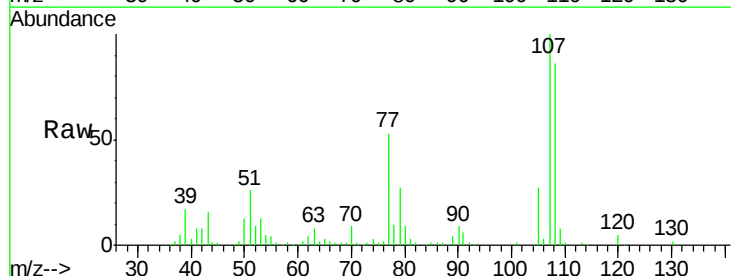


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

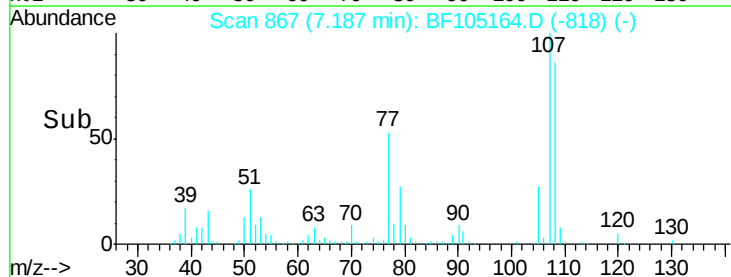
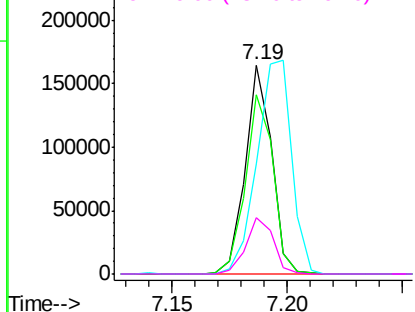


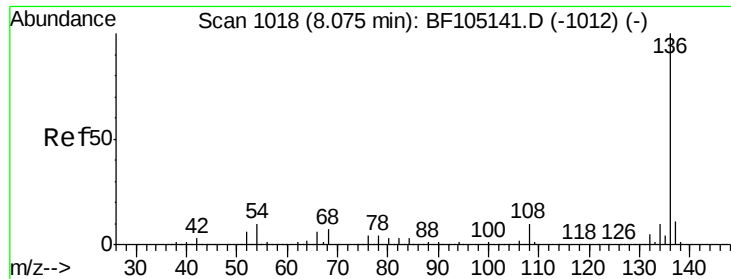
#20
3+4-Methylphenols
Concen: 10.04 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Tgt Ion:	107	Resp:	131980
Ion	Ratio	Lower	Upper
107	100		
108	85.7	68.2	108.2
77	52.7	26.7	66.7
79	26.9	6.3	46.3



Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

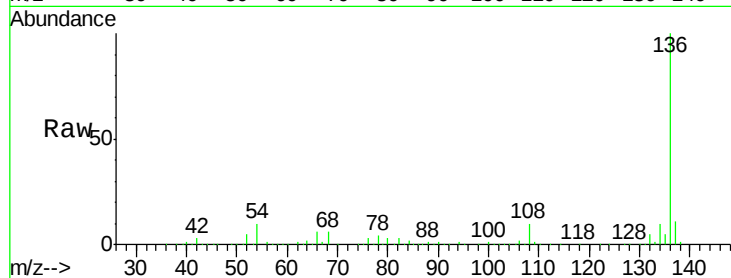




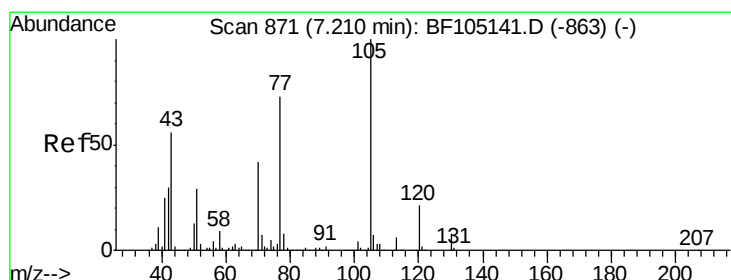
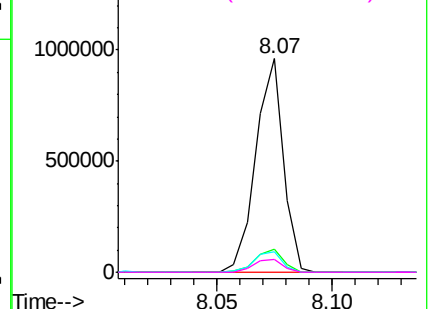
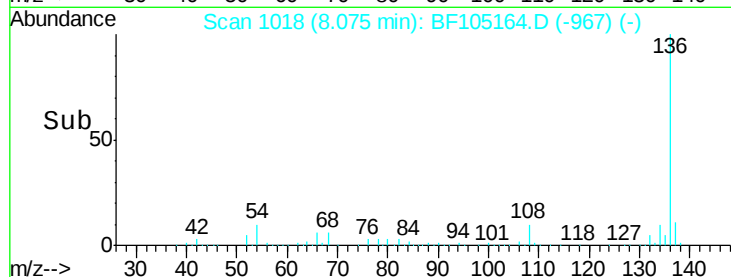
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	804193
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	9.5	6.6 9.8
68	6.3	5.0 7.4

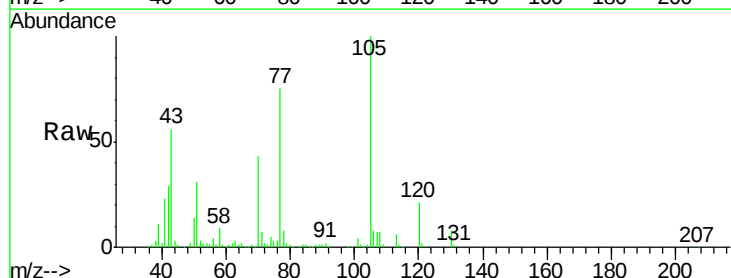


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

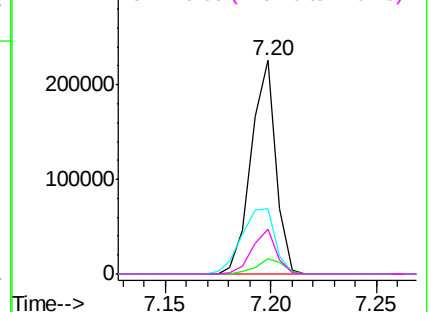
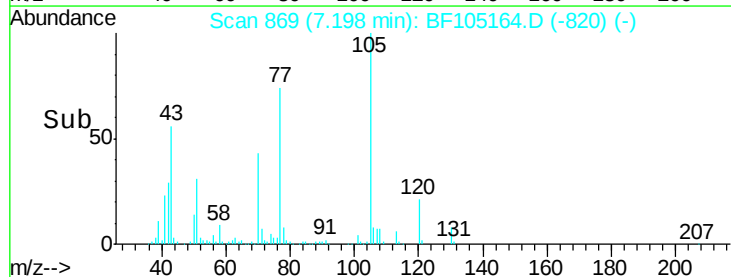


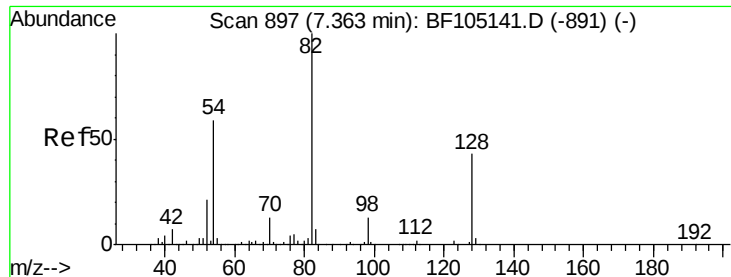
#22
Acetophenone
Concen: 9.76 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Tgt Ion:105	Resp:	182918
Ion Ratio	Lower	Upper
105	100	
71	7.0	4.4 6.6#
51	30.9	22.3 33.5
120	20.7	16.9 25.3



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

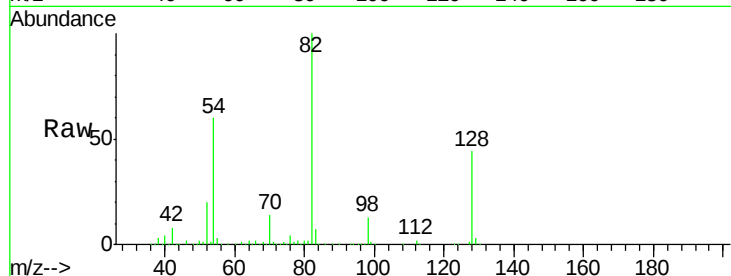




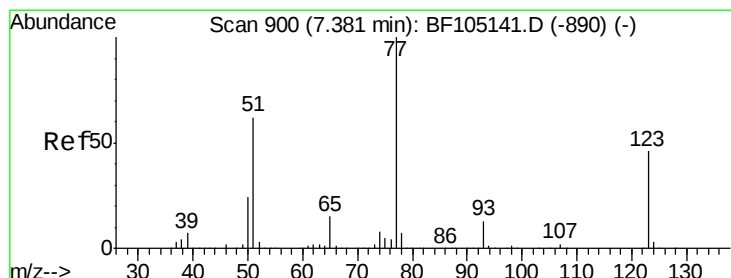
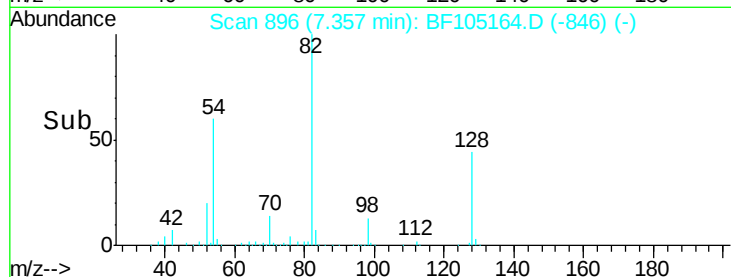
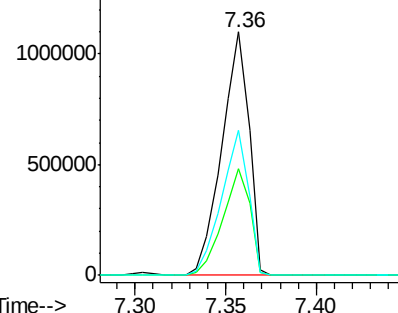
#23
Nitrobenzene-d5
Concen: 96.42 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1144106
Ion Ratio Lower Upper
82 100
128 44.0 36.1 54.1
54 59.7 41.4 62.2

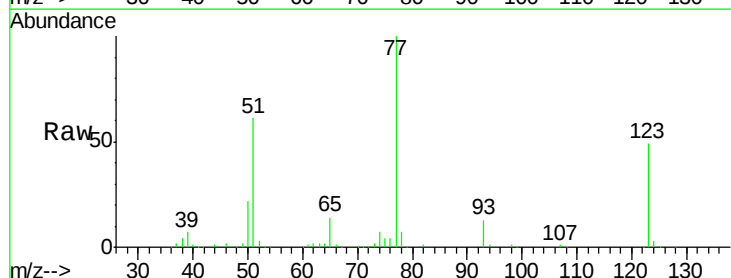


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

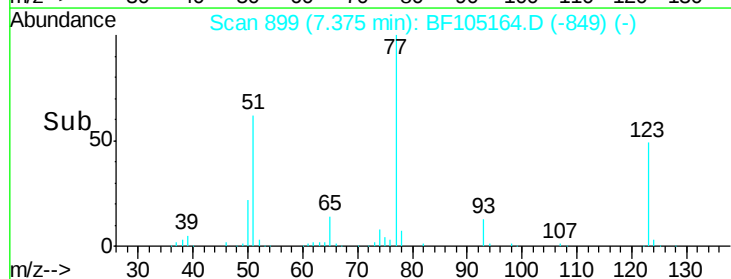
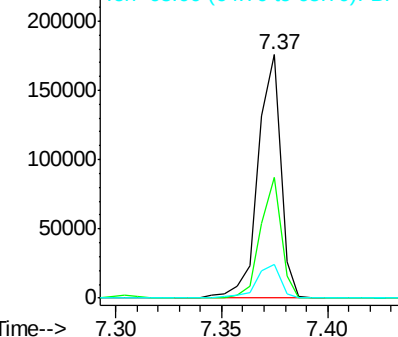


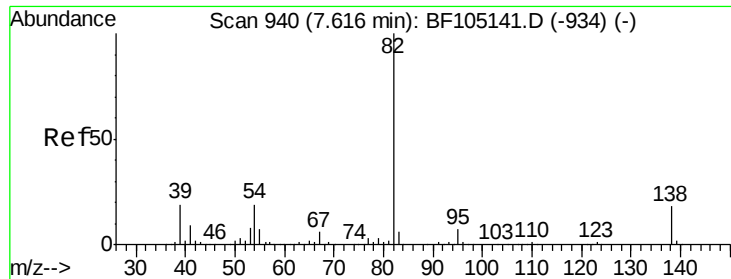
#24
Nitrobenzene
Concen: 9.76 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Tgt Ion: 77 Resp: 131364
Ion Ratio Lower Upper
77 100
123 49.5 37.9 56.9
65 13.6 11.0 16.4



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





#25

Isophorone

Concen: 8.09 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

Instrument :

BNA_F

ClientSampleId :

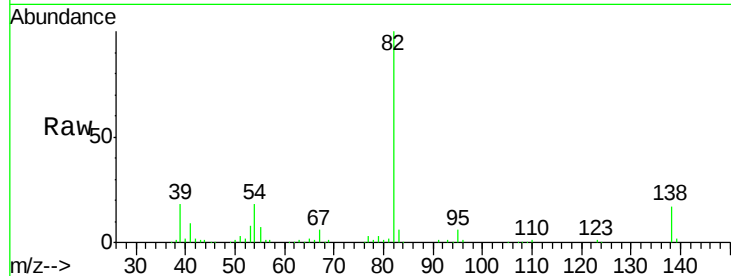
Tot Ion: 82 Resp: 214810

Ion Ratio Lower Upper

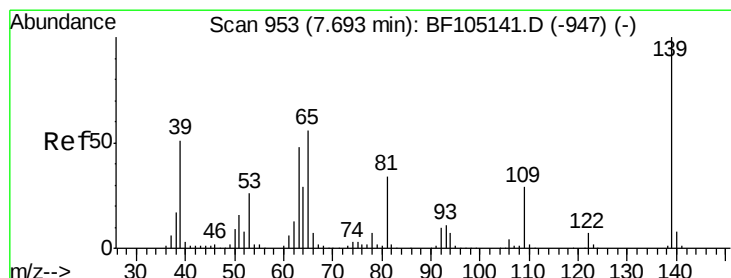
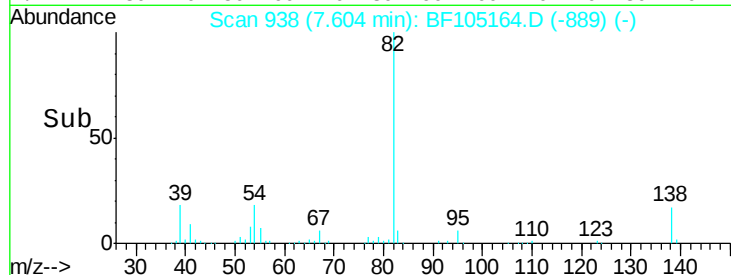
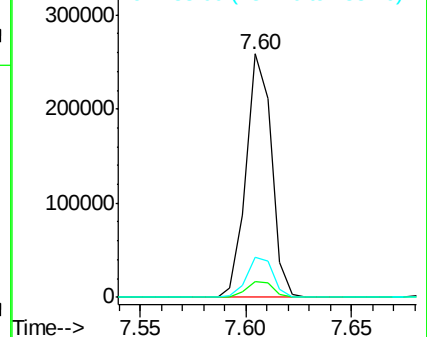
82 100

95 6.5 5.2 7.8

138 16.7 14.9 22.3



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



#26

2-Nitrophenol

Concen: 16.78 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

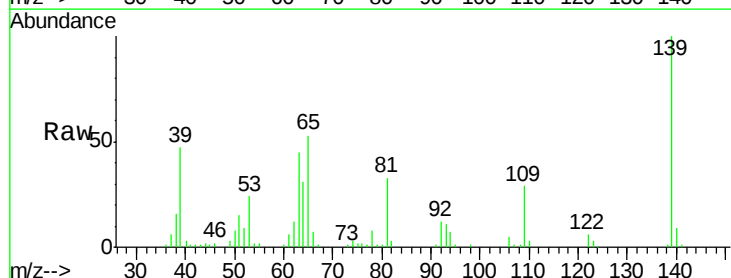
Tgt Ion: 139 Resp: 46515

Ion Ratio Lower Upper

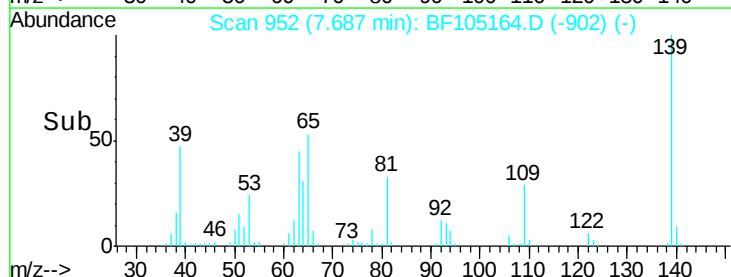
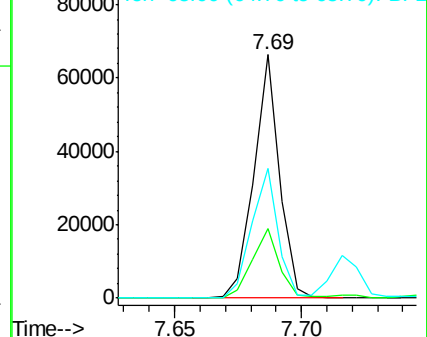
139 100

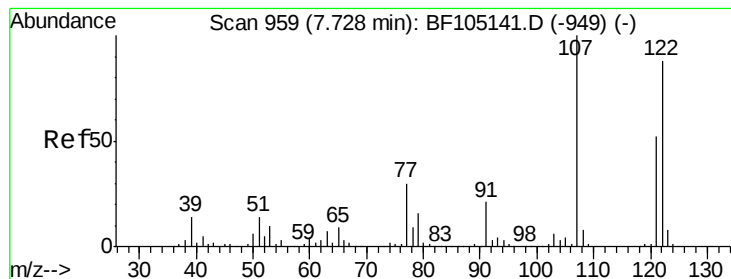
109 28.5 22.7 34.1

65 53.4 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 7.77 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

Instrument :

BNA_F

ClientSampleId :

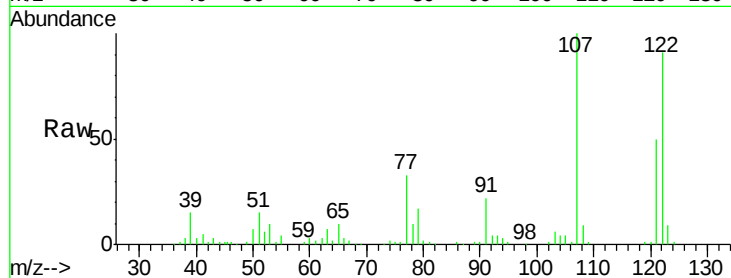
Tot Ion:122 Resp: 91640

Ion Ratio Lower Upper

122 100

107 110.0 91.2 136.8

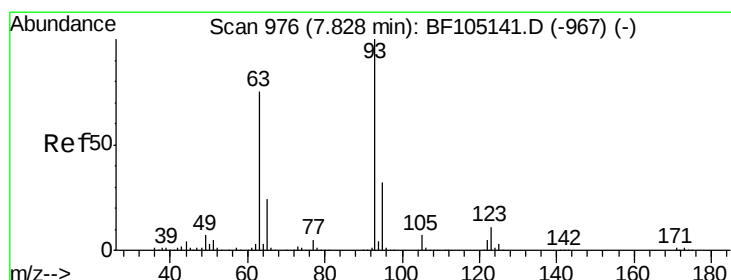
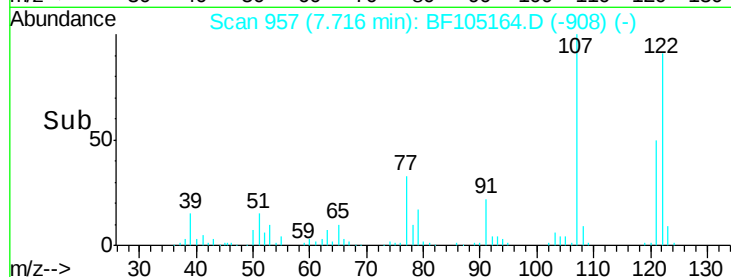
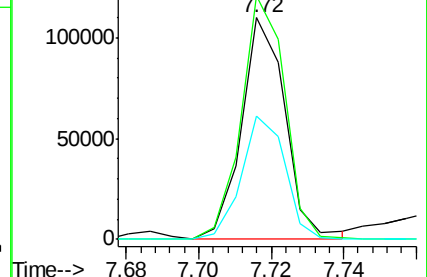
121 55.4 47.2 70.8



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: 8.38 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

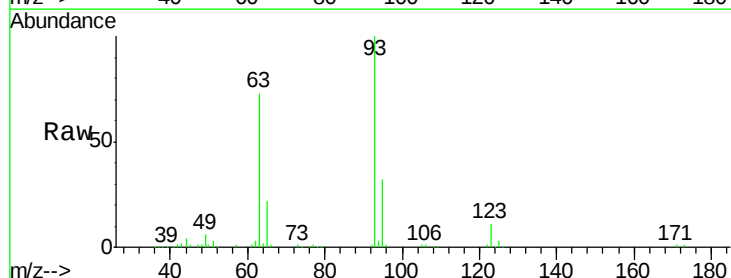
Tgt Ion: 93 Resp: 137302

Ion Ratio Lower Upper

93 100

95 32.0 26.3 39.5

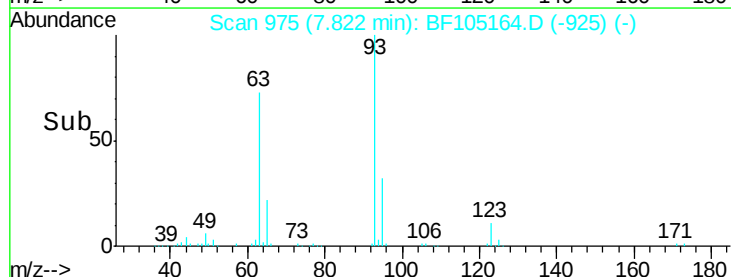
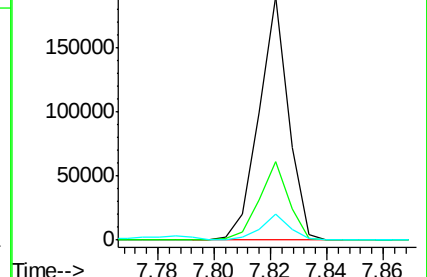
123 10.7 9.8 14.6

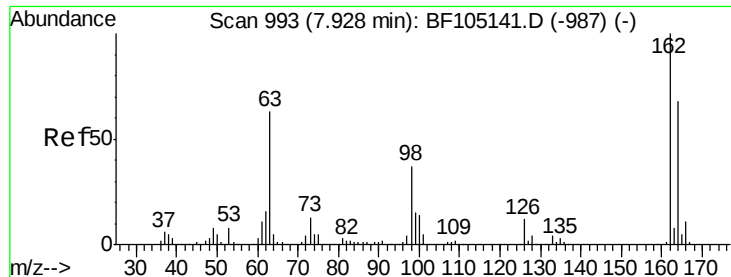


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

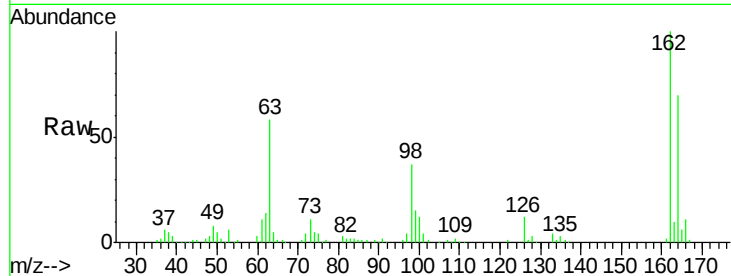




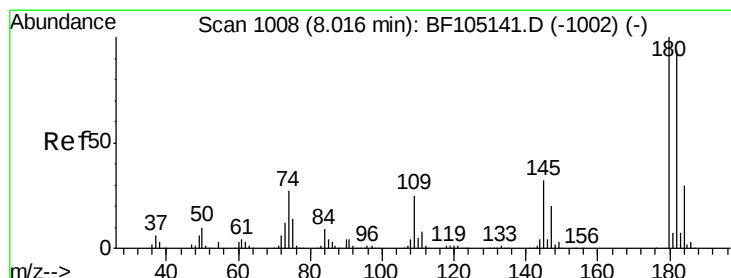
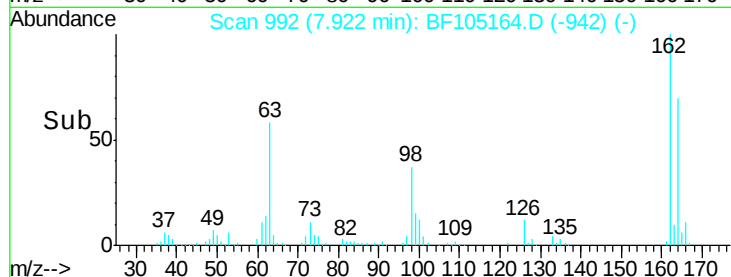
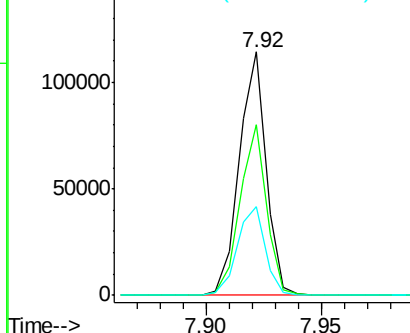
#29
 2,4-Dichlorophenol
 Concen: 8.42 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF105164.D
 Acq: 9 May 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 92942
 Ion Ratio Lower Upper
 162 100
 164 70.1 42.7 82.7
 98 36.5 18.1 58.1

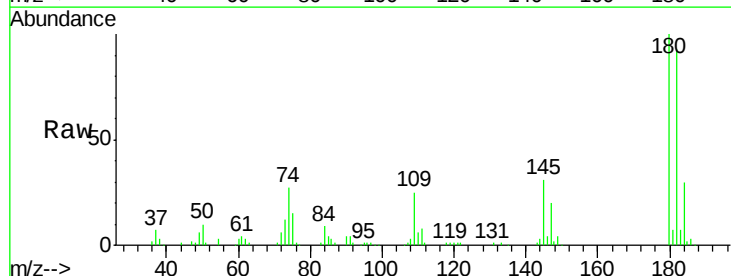


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

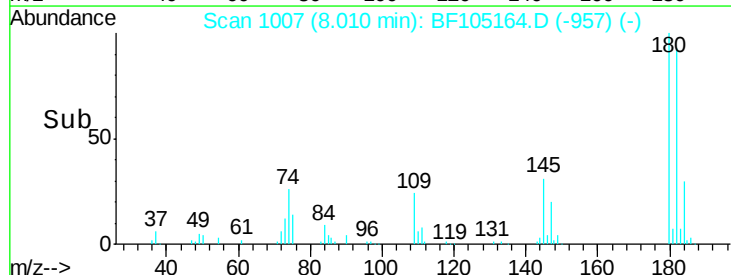
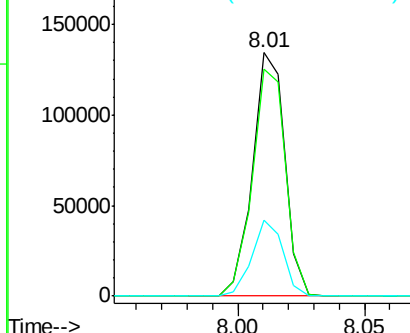


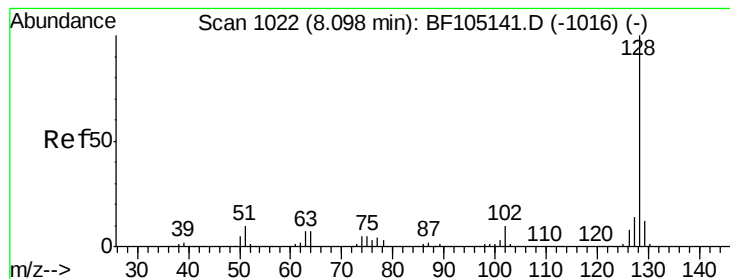
#30
 1,2,4-Trichlorobenzene
 Concen: 9.38 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF105164.D
 Acq: 9 May 2018 00:18

Tgt Ion:180 Resp: 119380
 Ion Ratio Lower Upper
 180 100
 182 93.1 76.8 115.2
 145 31.1 26.5 39.7



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





#31

Naphthalene

Concen: 9.22 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

Instrument :

BNA_F

ClientSampleId :

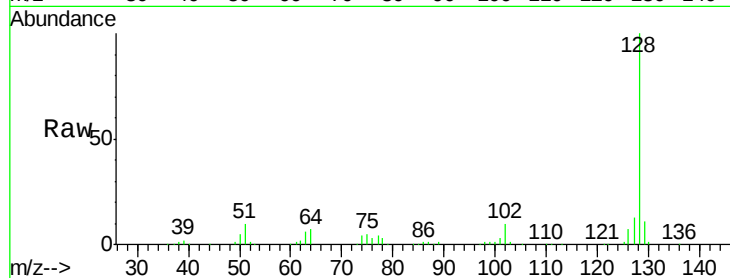
Tot Ion:128 Resp: 357055

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

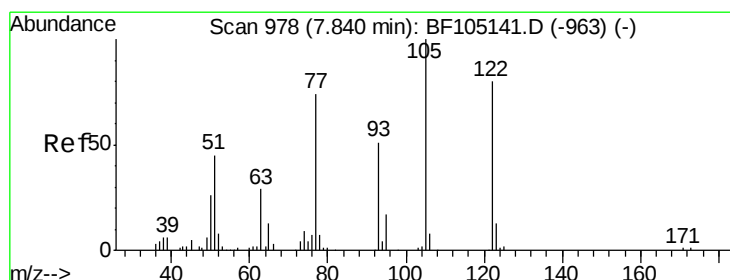
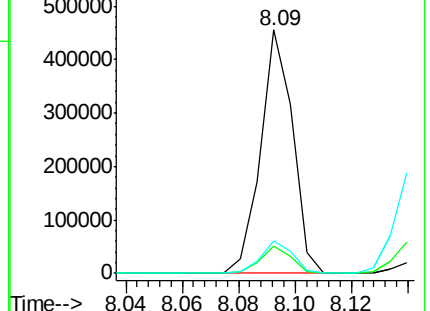
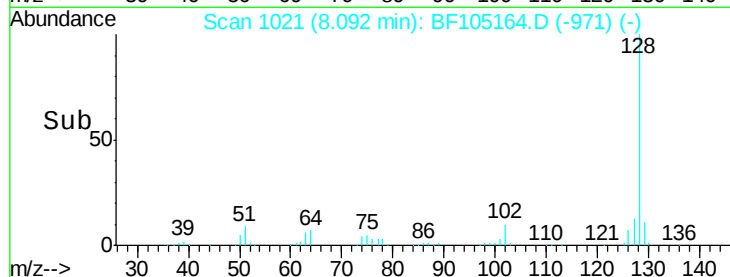
127 13.3 10.9 16.3



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: 16.90 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.05 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

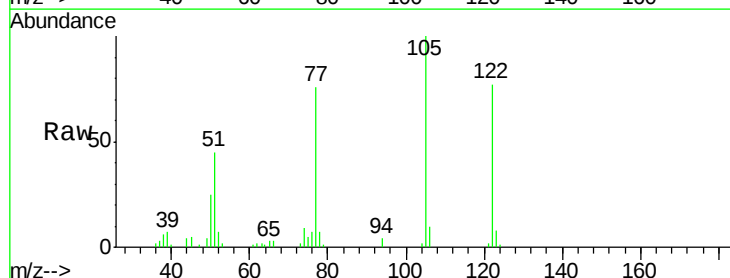
Tgt Ion:122 Resp: 57174

Ion Ratio Lower Upper

122 100

105 129.8 101.1 141.1

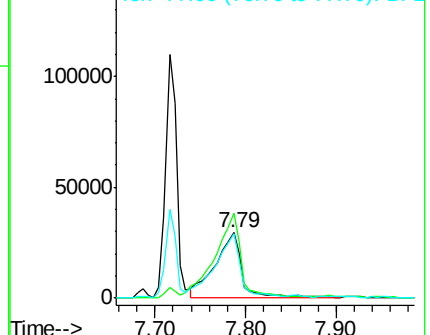
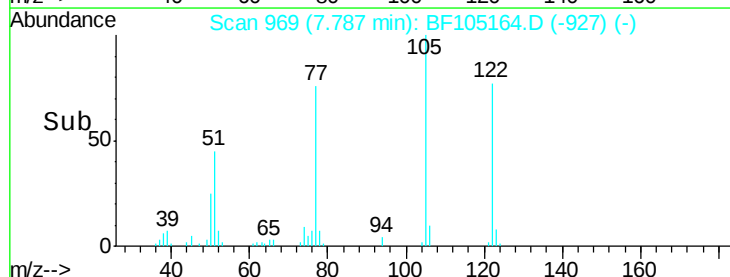
77 98.5 70.7 110.7

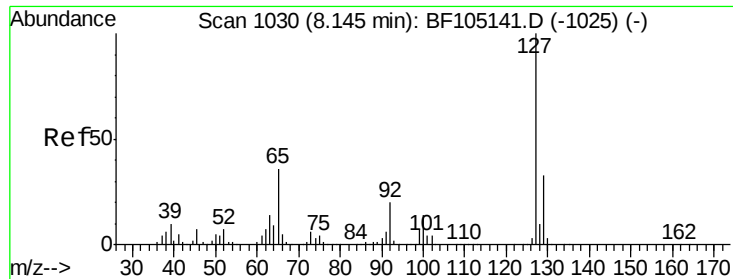


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

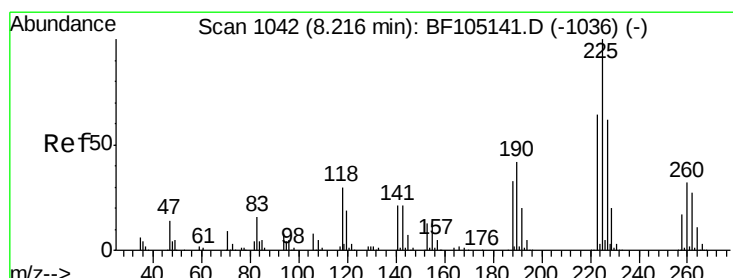
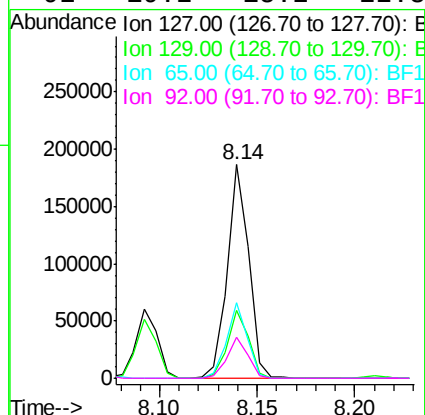
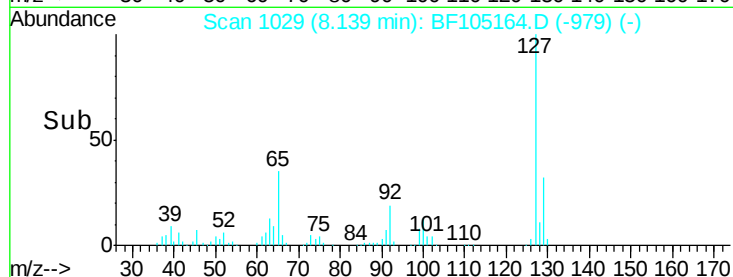
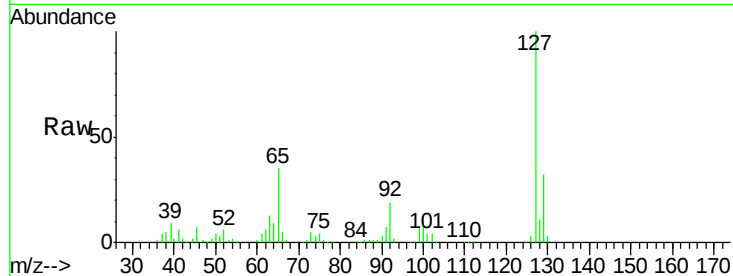




#33
4-Chloroaniline
Concen: 8.74 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

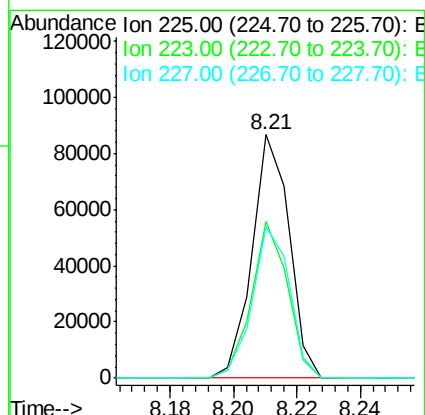
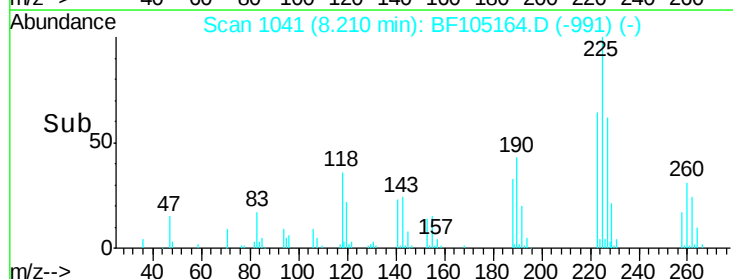
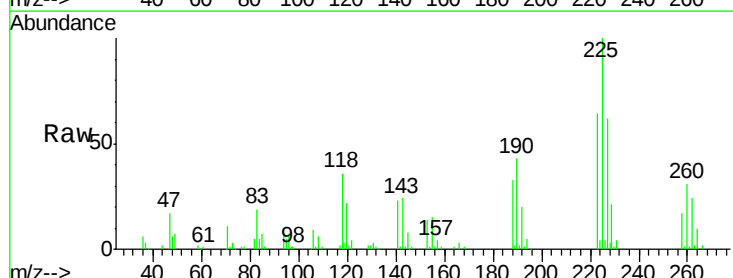
Instrument :
BNA_F
ClientSampled :

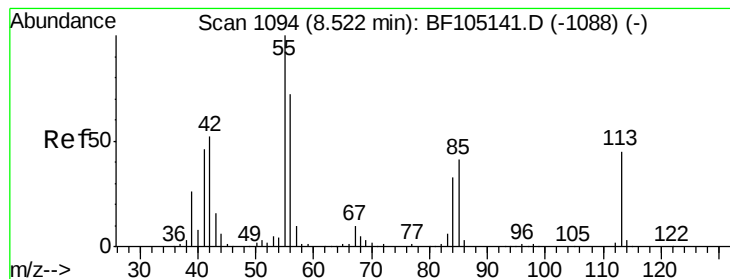
Tot Ion:	127	Resp:	140725
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	35.1	25.0	37.4
92	19.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 9.58 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Tgt Ion:	225	Resp:	70650
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.6	76.0
227	62.2	51.9	77.9





#35

Caprolactam

Concen: 8.27 ng

RT: 8.47 min Scan# 1086

Delta R.T. -0.05 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

Instrument :

BNA_F

ClientSampled :

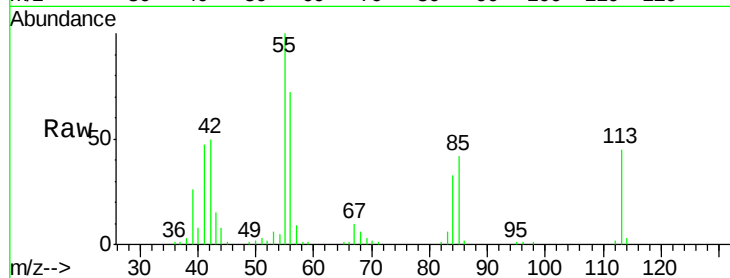
Tot Ion:113 Resp: 27701

Ion Ratio Lower Upper

113 100

55 219.8 163.3 203.3#

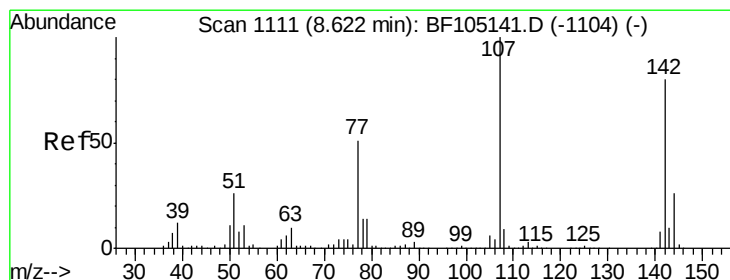
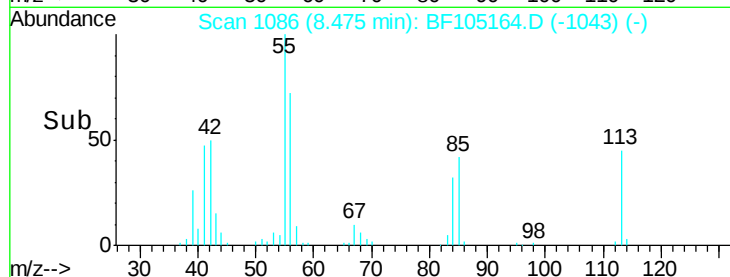
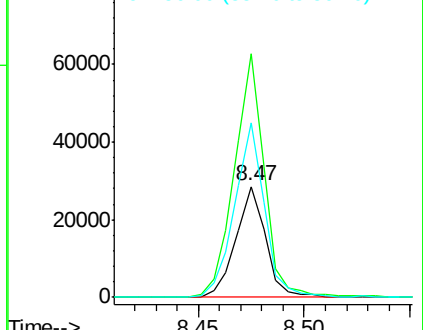
56 157.8 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 8.49 ng

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

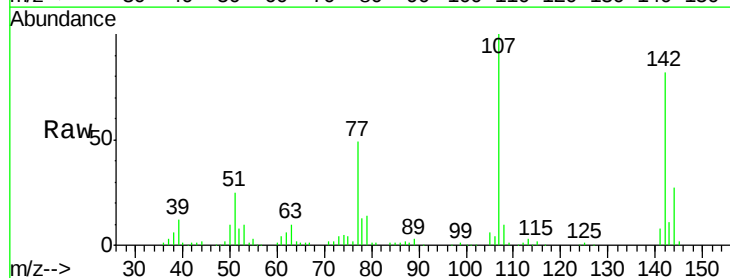
Tgt Ion:107 Resp: 97573

Ion Ratio Lower Upper

107 100

144 26.8 20.5 30.7

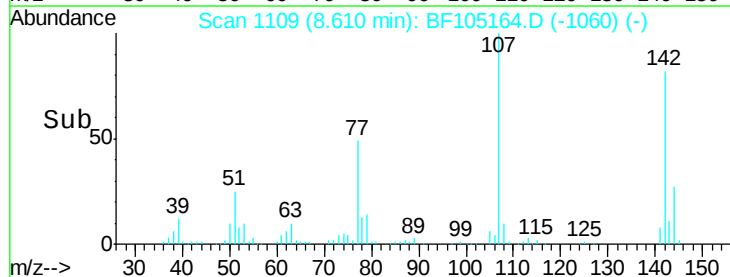
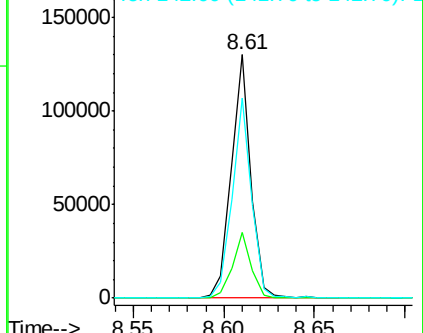
142 82.0 62.0 93.0

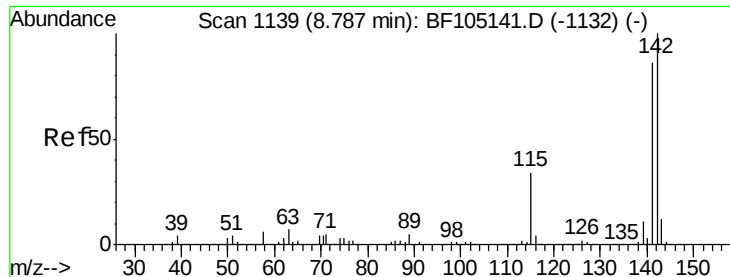


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

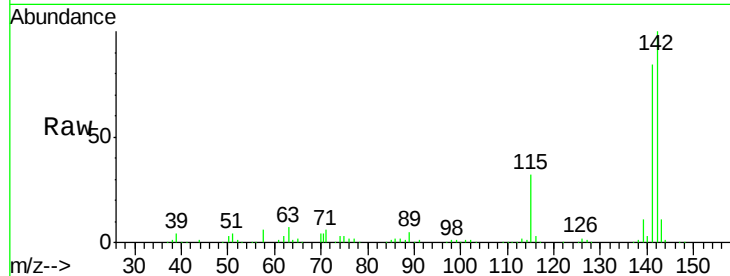




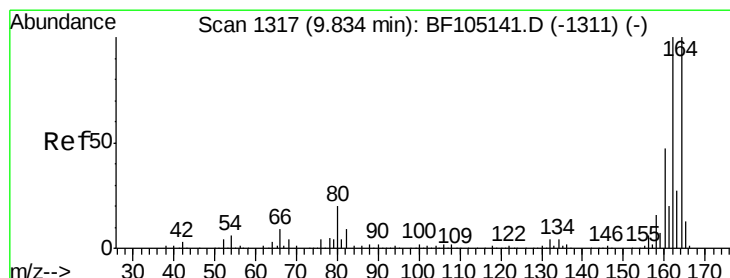
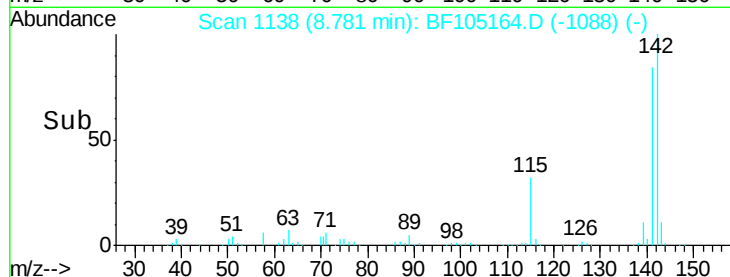
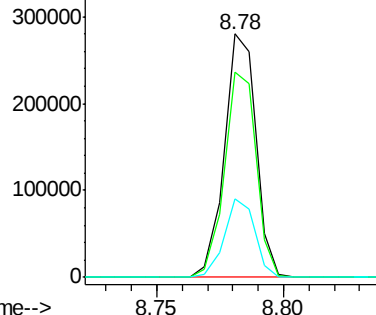
#37
 2-Methylnaphthalene
 Concen: 9.07 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF105164.D
 Acq: 9 May 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 244668
 Ion Ratio Lower Upper
 142 100
 141 84.4 70.8 106.2
 115 32.4 26.1 39.1

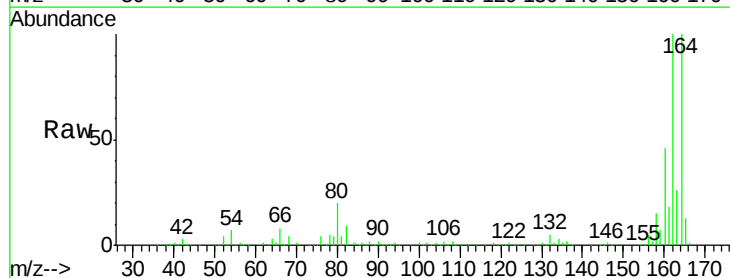


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

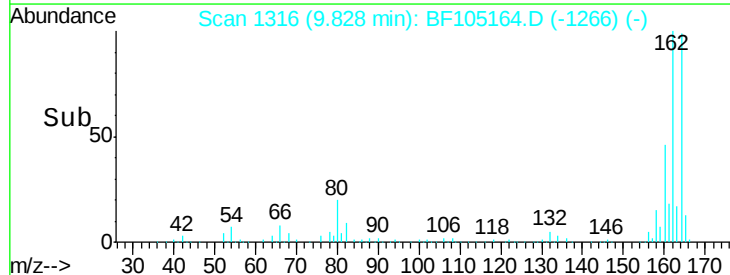
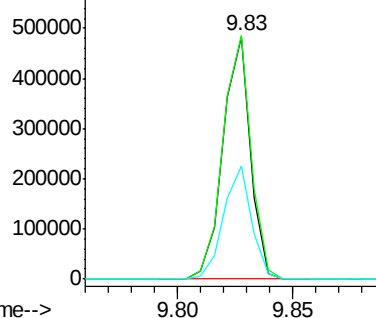


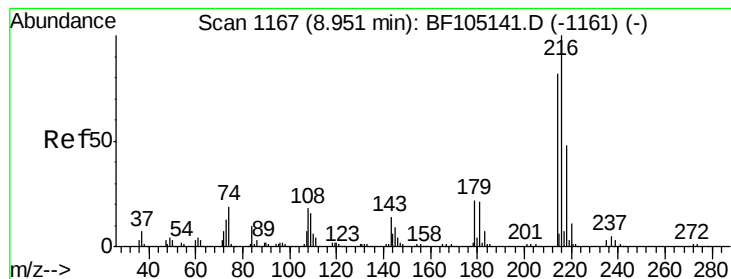
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF105164.D
 Acq: 9 May 2018 00:18

Tgt Ion:164 Resp: 403137
 Ion Ratio Lower Upper
 164 100
 162 100.3 86.1 129.1
 160 46.4 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 9.39 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 120467

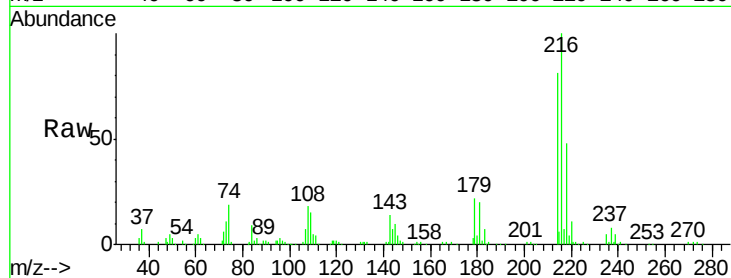
Ion Ratio Lower Upper

216 100

214 77.7 63.0 94.4

179 20.2 18.1 27.1

108 17.8 17.2 25.8

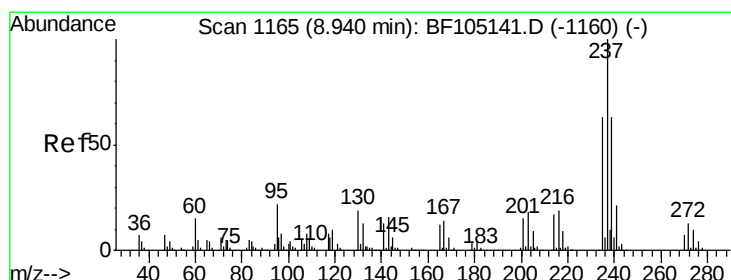
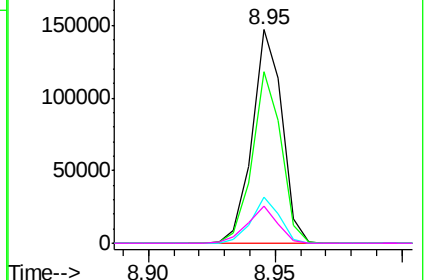
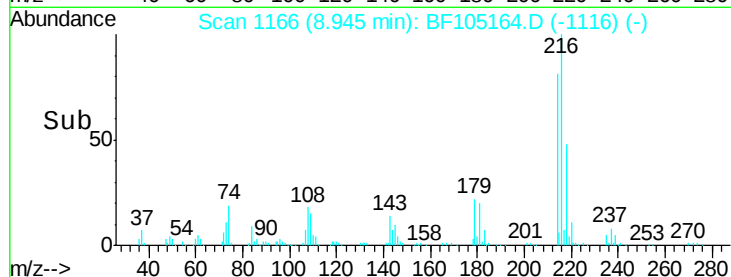


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 7.96 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

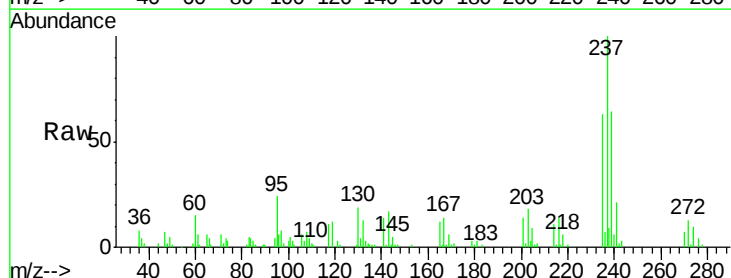
Tgt Ion:237 Resp: 55187

Ion Ratio Lower Upper

237 100

235 62.5 44.8 84.8

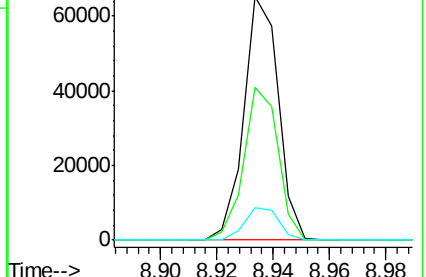
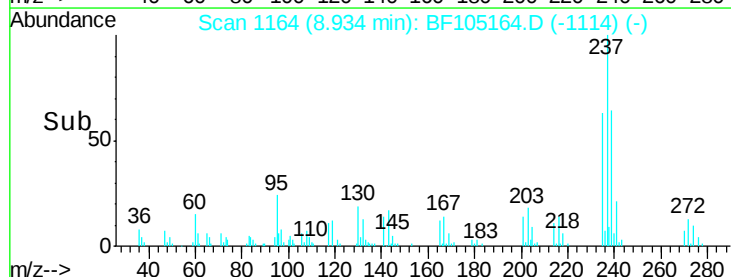
272 13.3 0.0 33.3

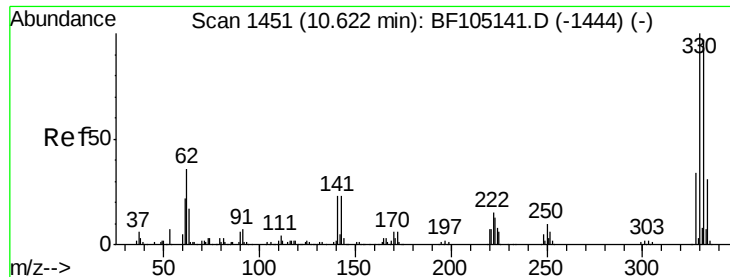


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

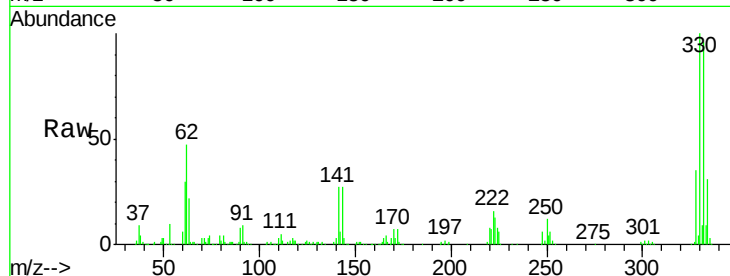




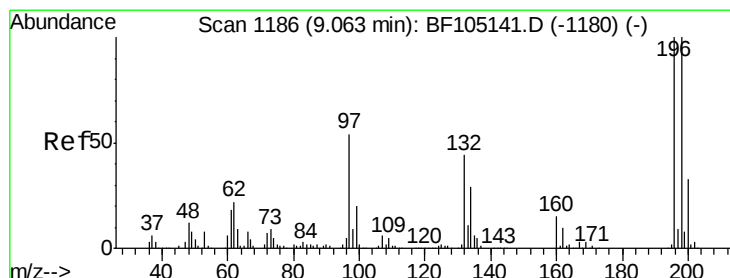
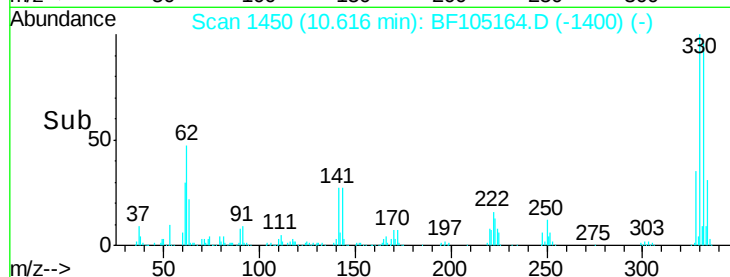
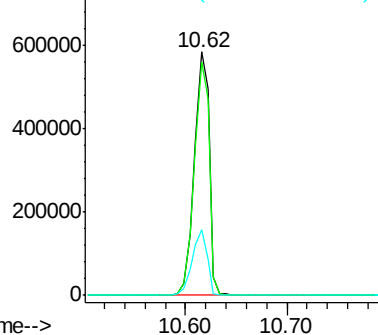
#41
 2,4,6-Tribromophenol
 Concen: 134.24 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF105164.D
 Acq: 9 May 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	27.1	29.9	44.9#

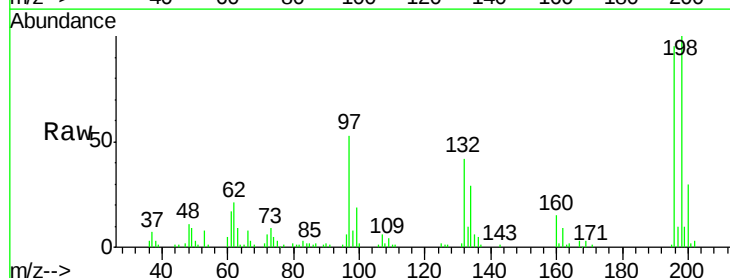


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

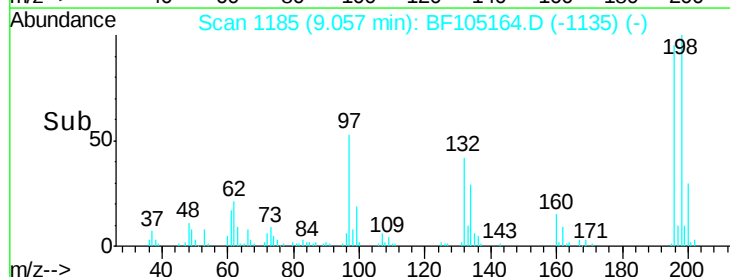
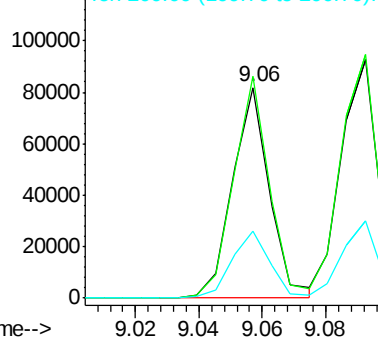


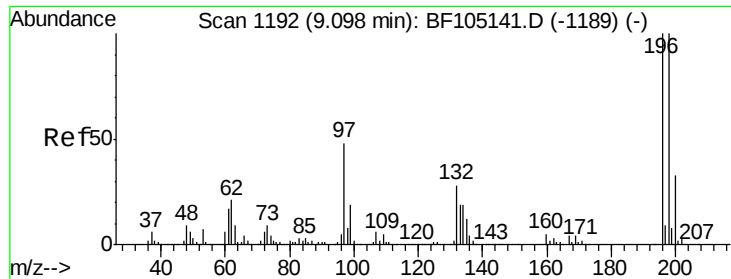
#42
 2,4,6-Trichlorophenol
 Concen: 8.48 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF105164.D
 Acq: 9 May 2018 00:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	105.2	75.7	113.5
200	32.1	24.5	36.7



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

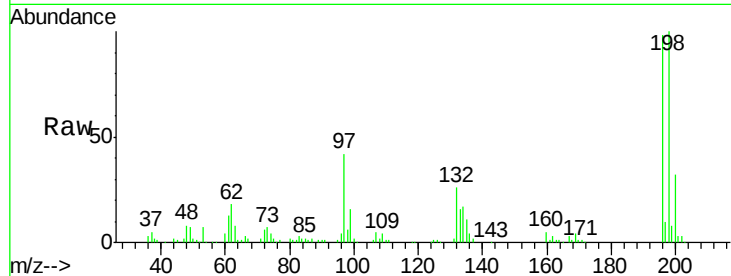




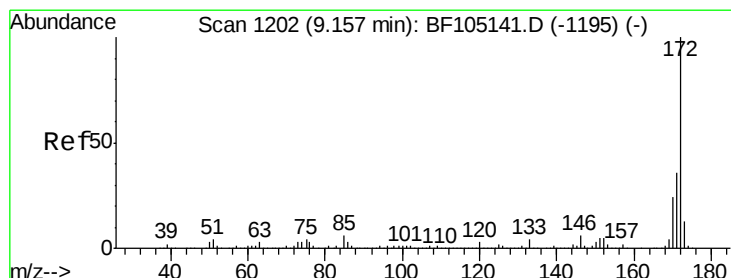
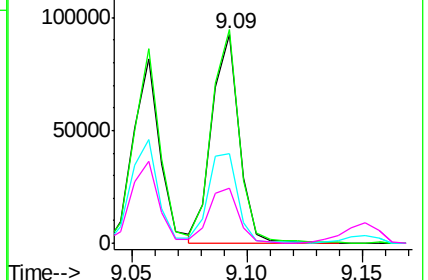
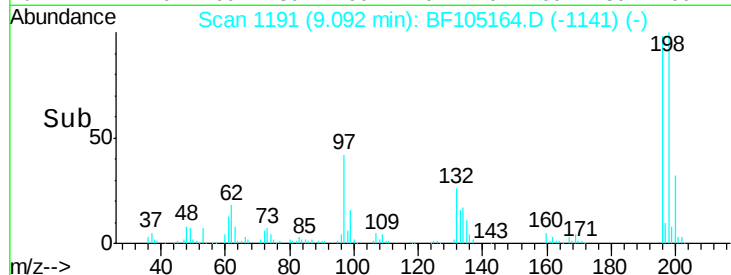
#43
 2,4,5-Trichlorophenol
 Concen: 9.30 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF105164.D
 Acq: 9 May 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	76085
Ion	Ratio	Lower	Upper
196	100		
198	102.1	74.6	112.0
97	42.9	42.9	64.3
132	26.2	26.3	39.5#

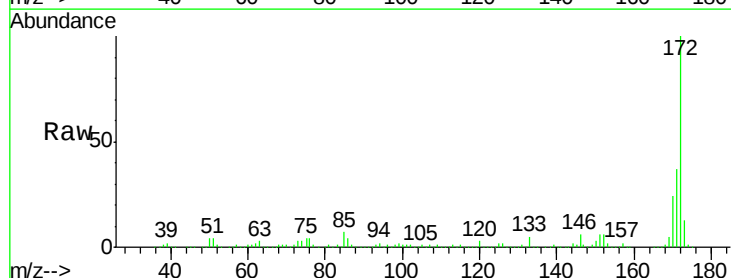


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

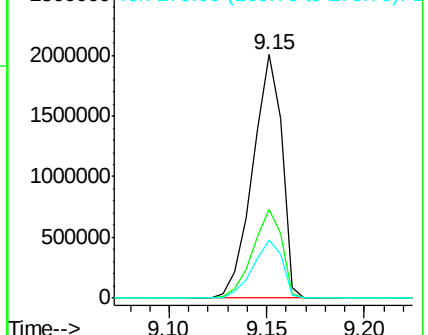
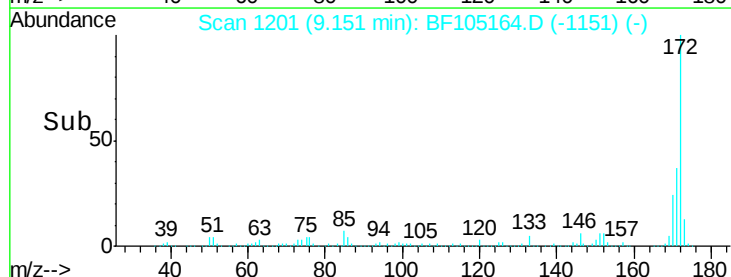


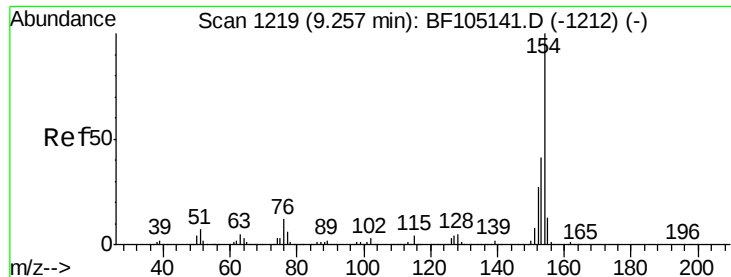
#44
 2-Fluorobiphenyl
 Concen: 79.69 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105164.D
 Acq: 9 May 2018 00:18

Tgt Ion:	172	Resp:	2069932
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.1	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 9.92 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

Instrument :

BNA_F

ClientSampleId :

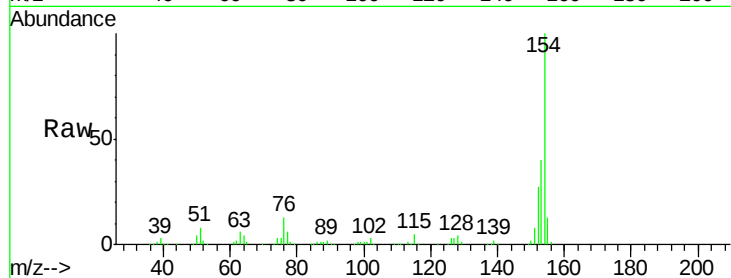
Tot Ion:154 Resp: 325922

Ion Ratio Lower Upper

154 100

153 40.0 21.3 61.3

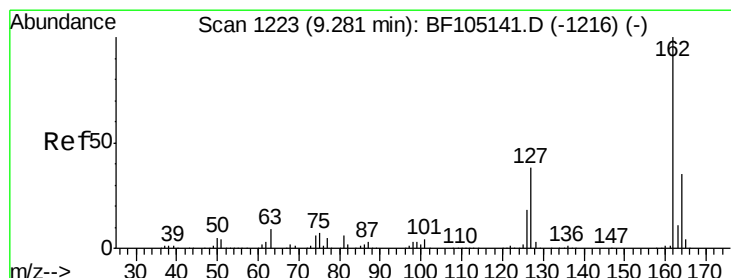
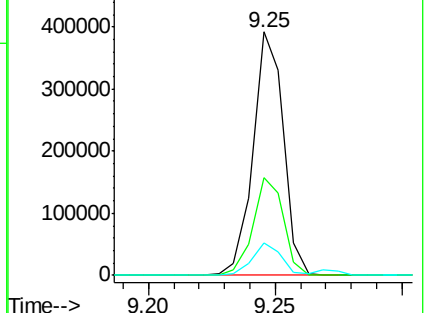
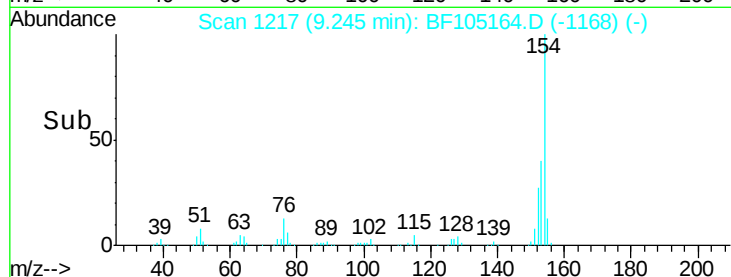
76 13.3 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 9.45 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

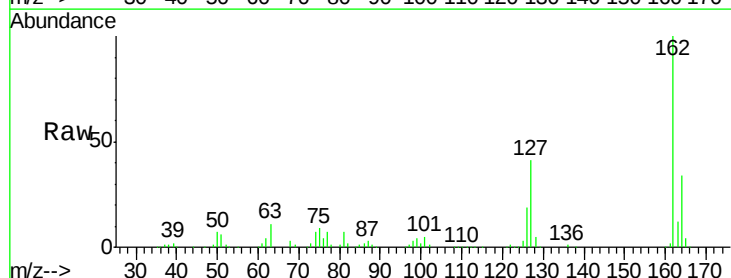
Tgt Ion:162 Resp: 231873

Ion Ratio Lower Upper

162 100

127 41.4 33.9 50.9

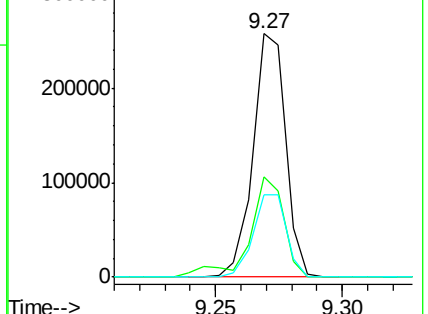
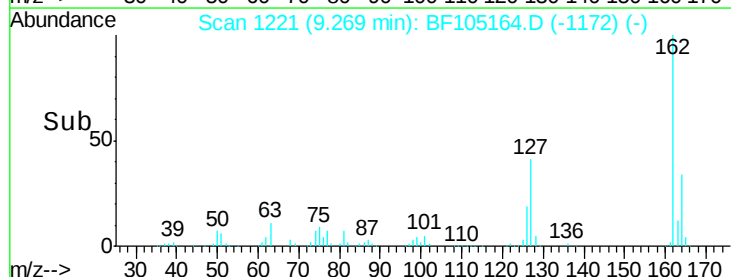
164 33.8 26.5 39.7

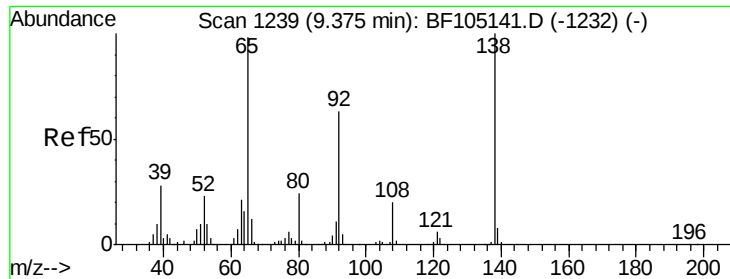


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

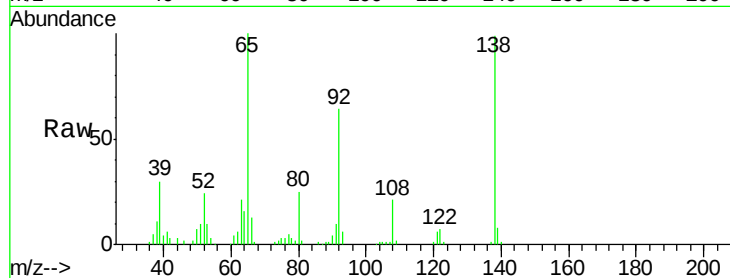




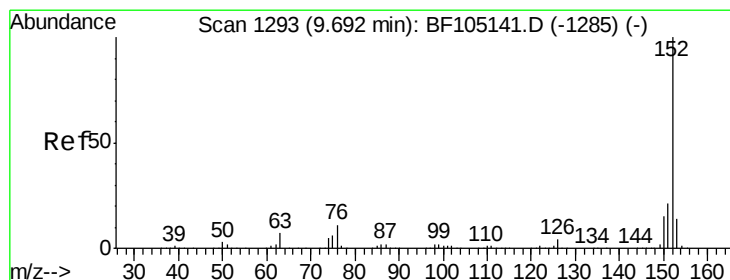
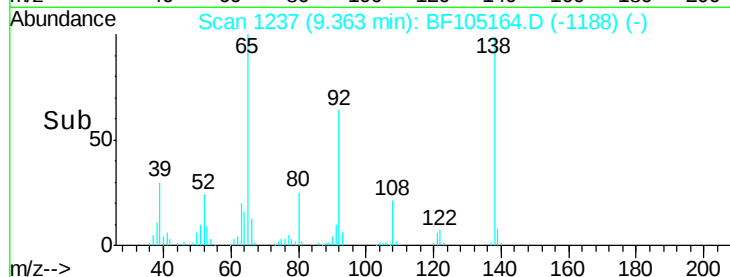
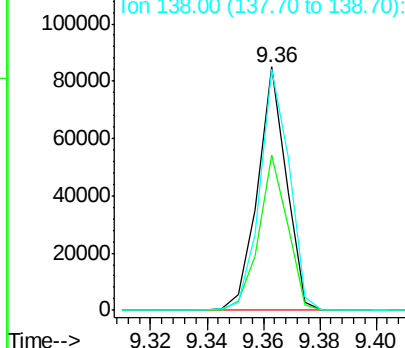
#47
2-Nitroaniline
Concen: 13.27 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 60093
Ion Ratio Lower Upper
65 100
92 63.8 55.8 83.6
138 98.8 91.2 136.8

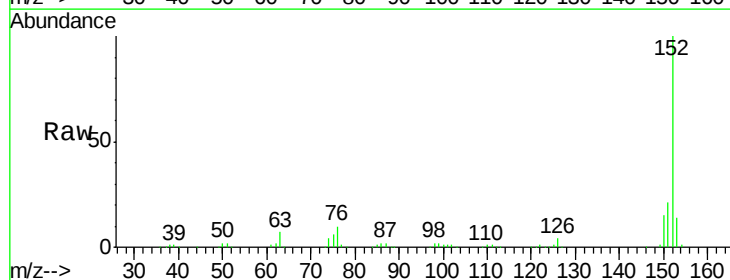


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

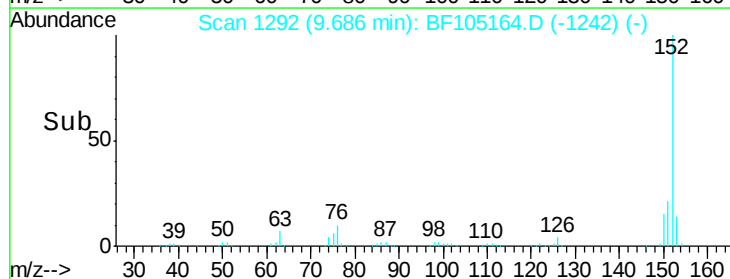
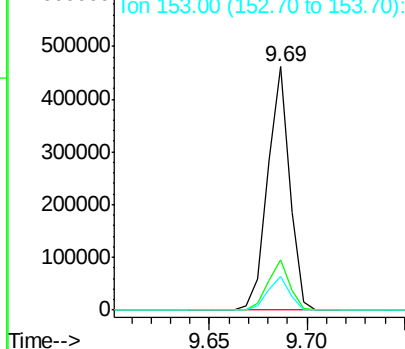


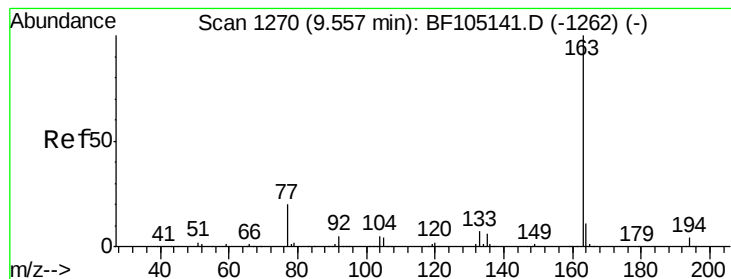
#48
Acenaphthylene
Concen: 9.47 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Tgt Ion: 152 Resp: 359002
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 9.77 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

Instrument :

BNA_F

ClientSampleId :

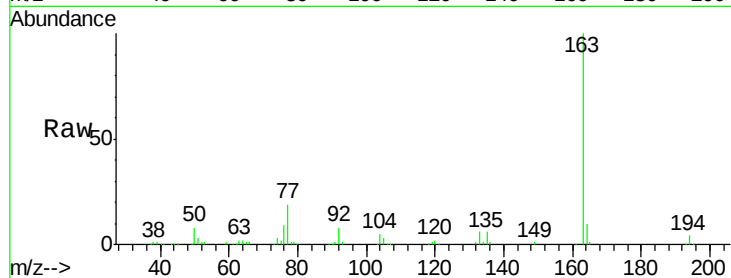
Tot Ion:163 Resp: 266742

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

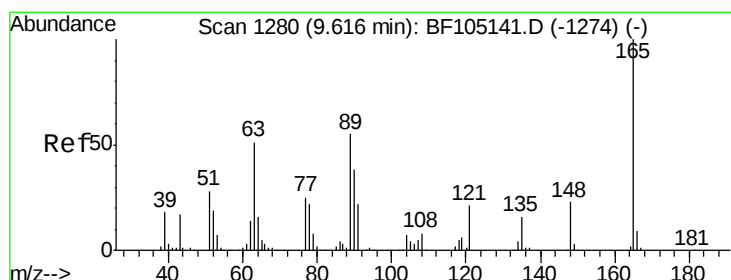
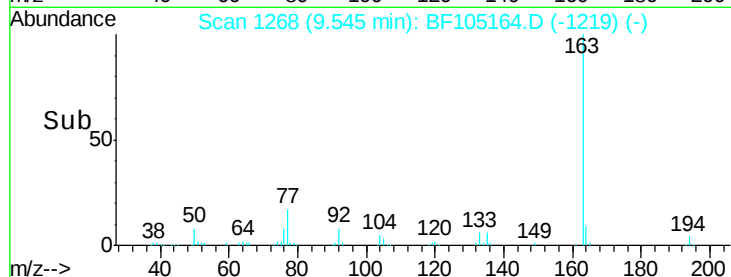
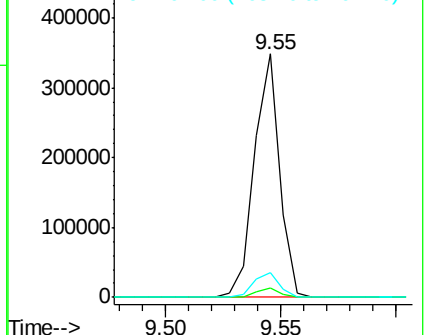
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 9.31 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

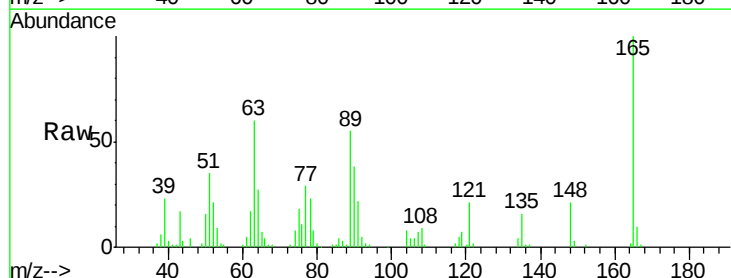
Tgt Ion:165 Resp: 55150

Ion Ratio Lower Upper

165 100

63 59.8 44.7 67.1

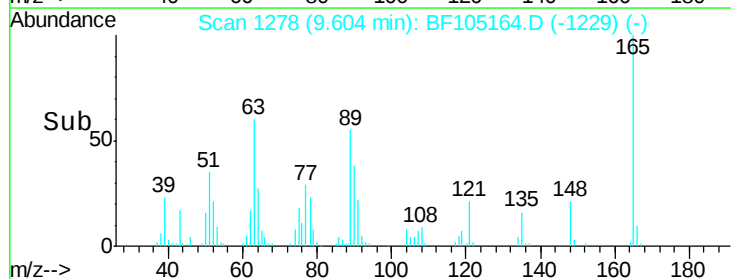
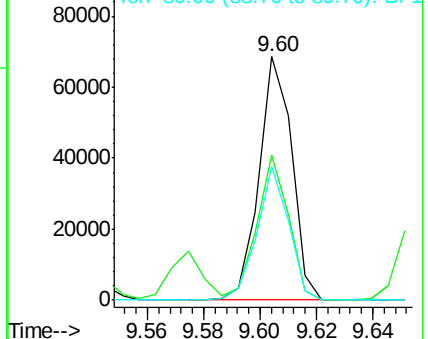
89 54.8 44.0 66.0

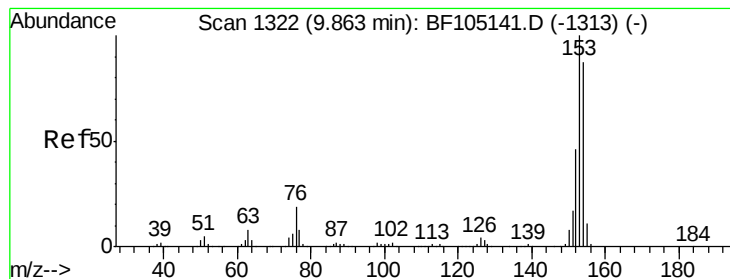


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 9.72 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

Instrument :

BNA_F

ClientSampleId :

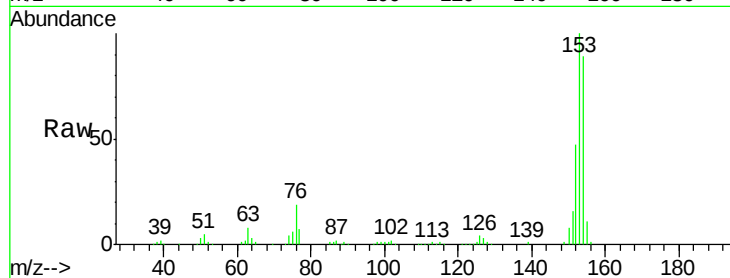
Tot Ion:154 Resp: 237396

Ion Ratio Lower Upper

154 100

153 112.4 91.2 136.8

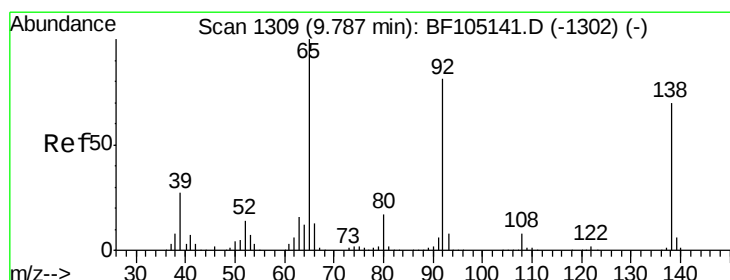
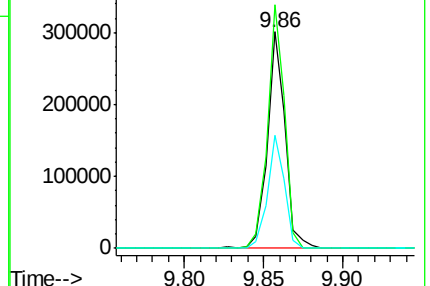
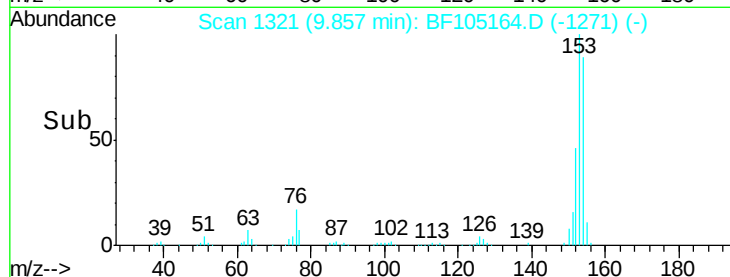
152 52.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 9.56 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

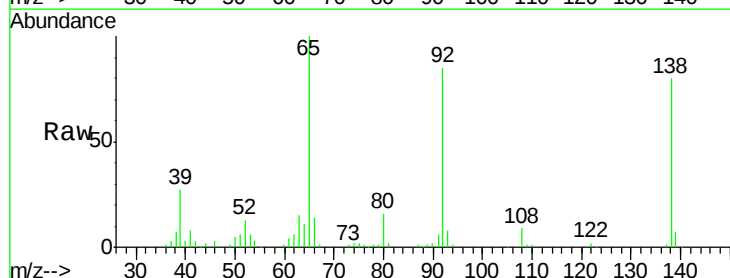
Tgt Ion:138 Resp: 59644

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

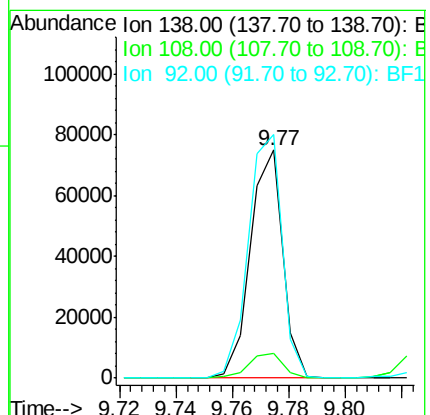
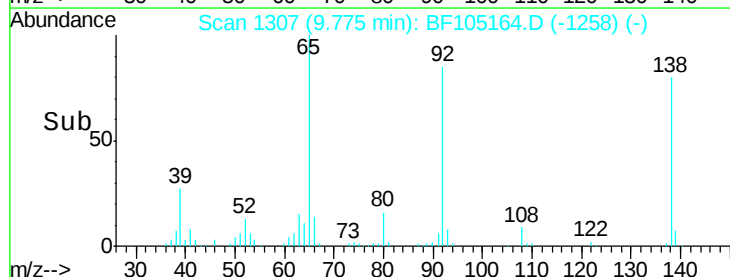
92 106.8 89.4 134.2

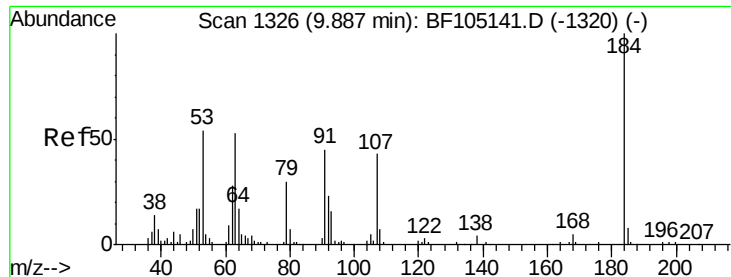


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

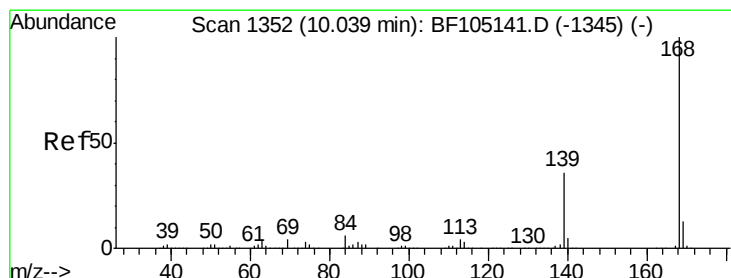
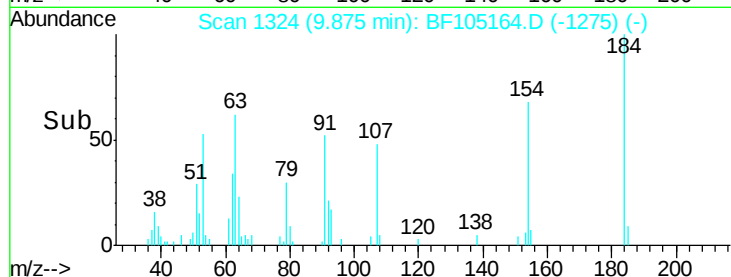
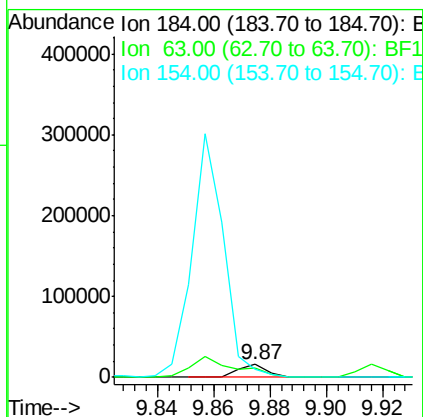
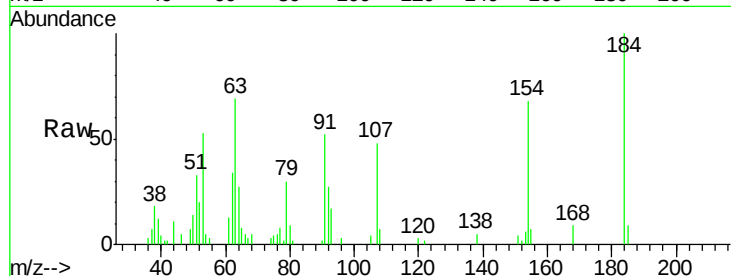




#53
2,4-Dinitrophenol
Concen: 16.50 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

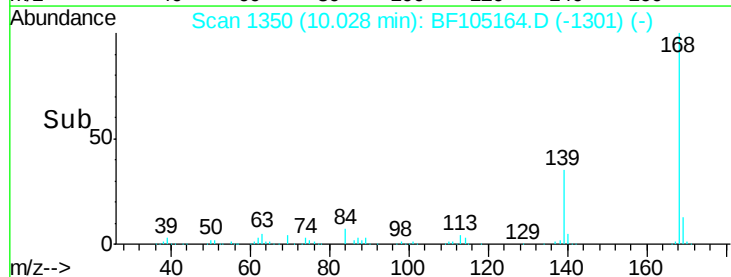
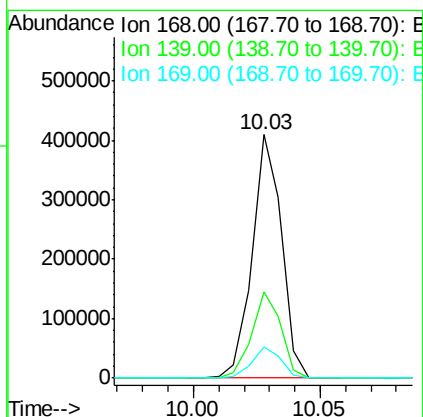
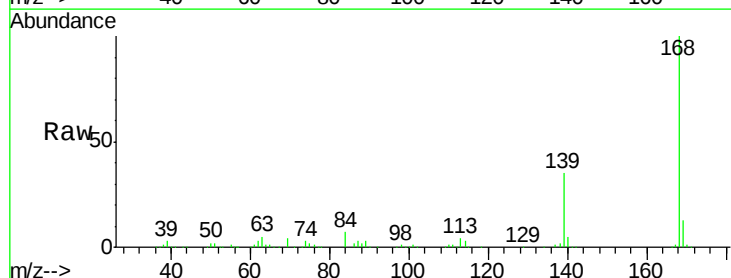
Instrument :
BNA_F
ClientSampled :

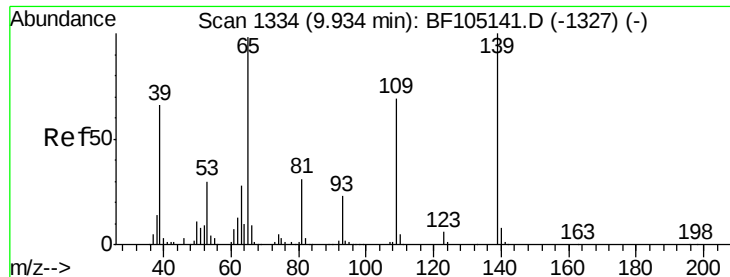
Tot Ion:184 Resp: 11872
Ion Ratio Lower Upper
184 100
63 69.3 54.2 81.2
154 67.5 184.0 276.0#



#54
Dibenzofuran
Concen: 9.20 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Tgt Ion:168 Resp: 328691
Ion Ratio Lower Upper
168 100
139 35.3 30.1 45.1
169 12.8 10.9 16.3

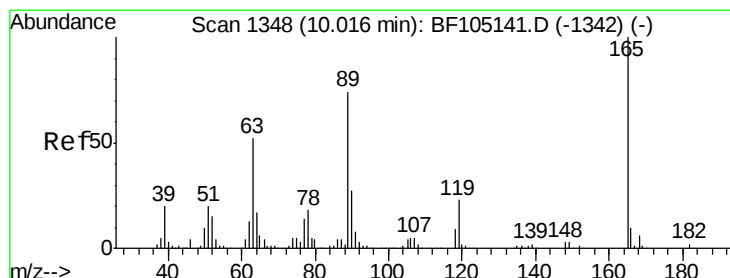
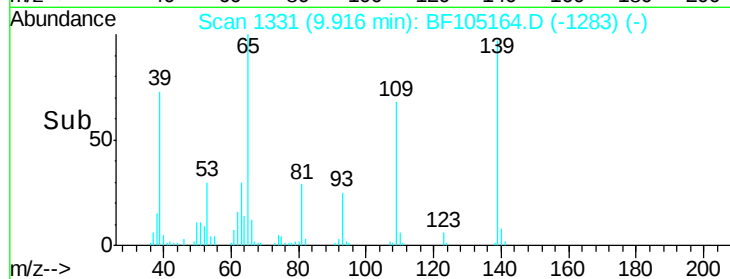
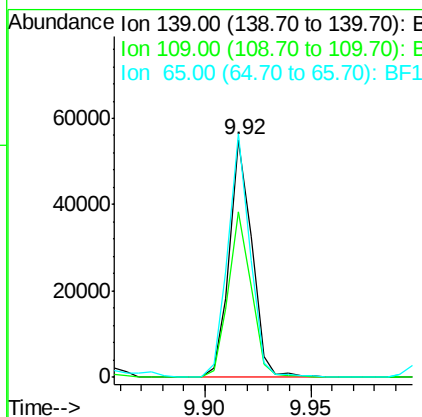
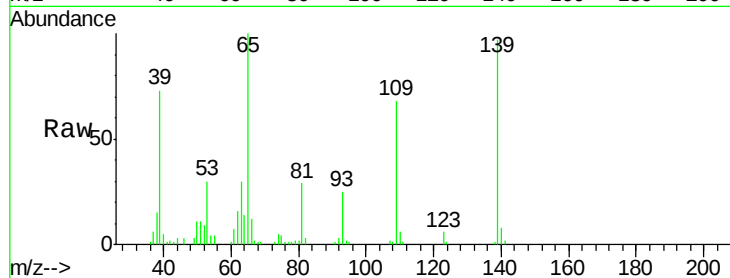




#55
4-Nitrophenol
Concen: 11.16 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

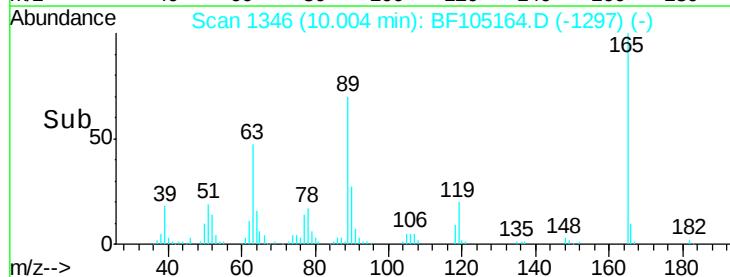
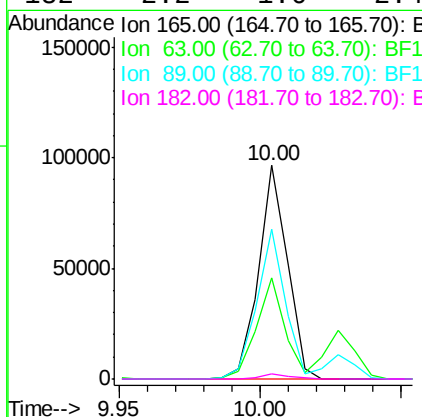
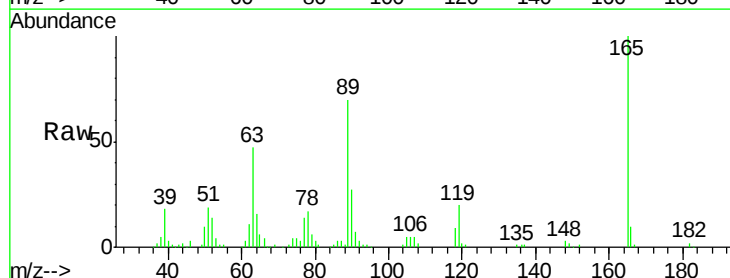
Instrument :
BNA_F
ClientSampleId :

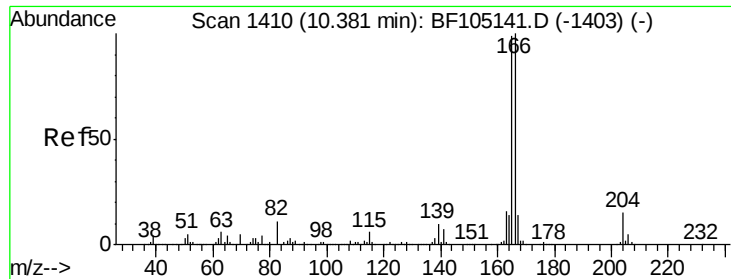
Tot Ion	Ratio	Lower	Upper
139	100		
109	69.5	48.4	88.4
65	102.6	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 11.62 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.2	36.4	54.6
89	70.3	57.8	86.6
182	2.2	1.6	2.4





#57

Fluorene

Concen: 9.74 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

Instrument :

BNA_F

ClientSampleId :

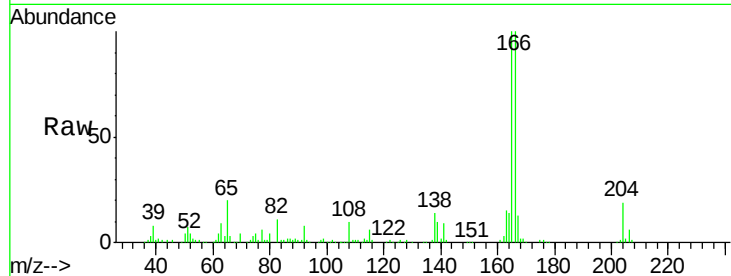
Tot Ion:166 Resp: 255400

Ion Ratio Lower Upper

166 100

165 100.2 79.8 119.8

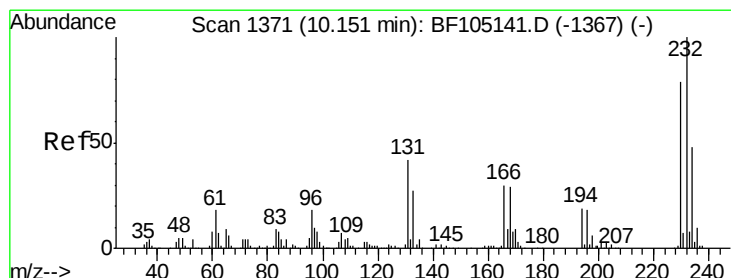
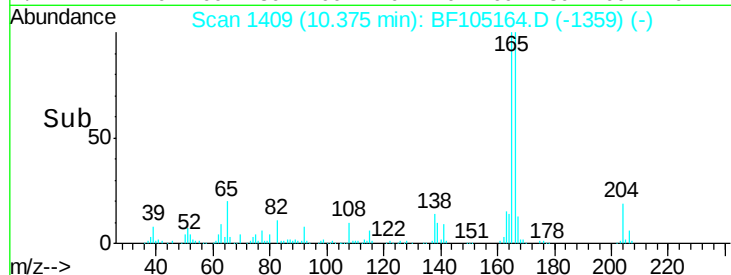
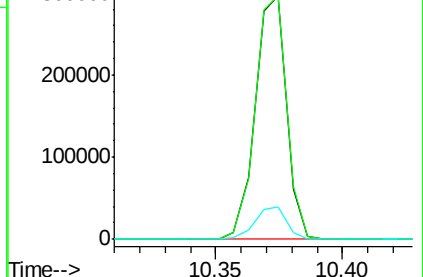
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 8.03 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.01 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

Tgt Ion:232 Resp: 58643

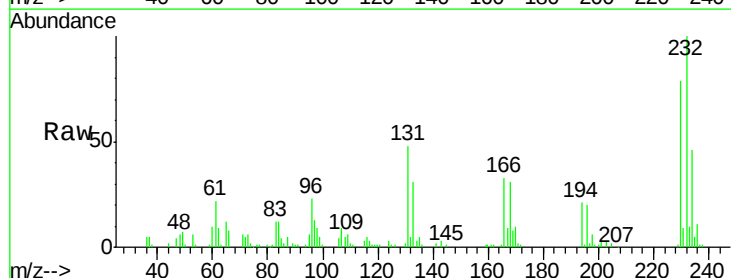
Ion Ratio Lower Upper

232 100

131 45.9 43.8 65.8

130 2.0 2.1 3.1#

166 32.2 27.8 41.6

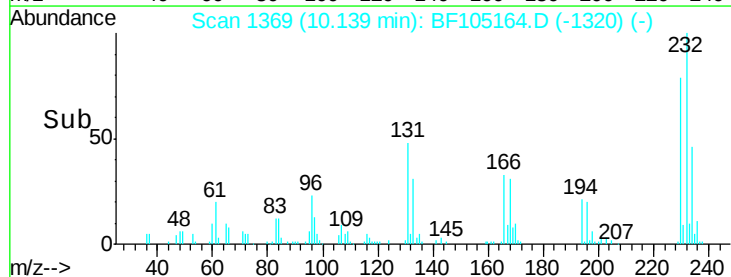
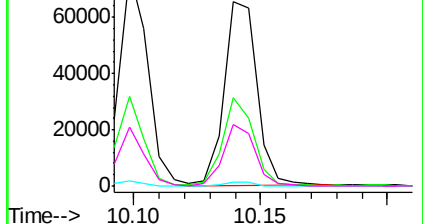


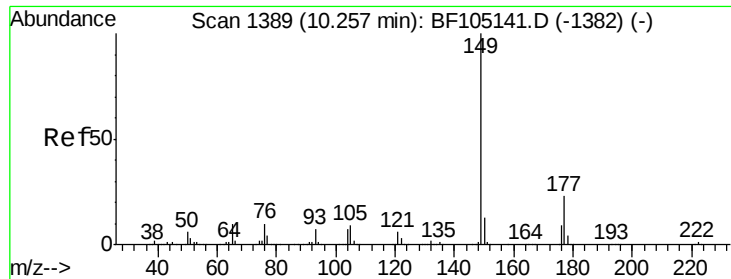
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 9.66 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

Instrument :

BNA_F

ClientSampleId :

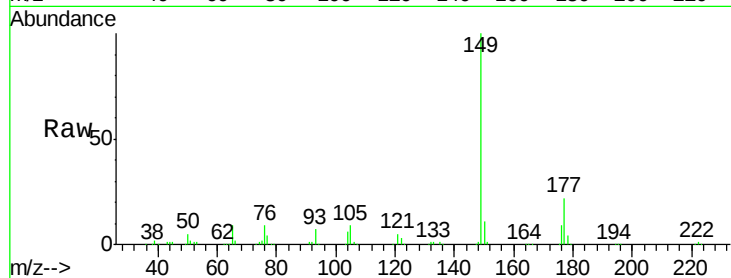
Tot Ion:149 Resp: 259135

Ion Ratio Lower Upper

149 100

177 22.1 16.1 24.1

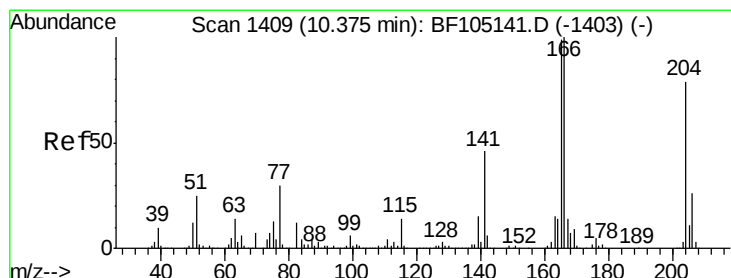
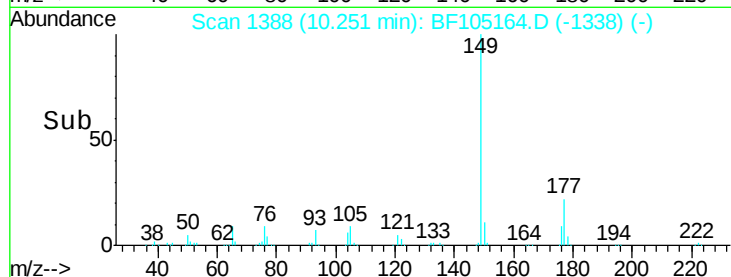
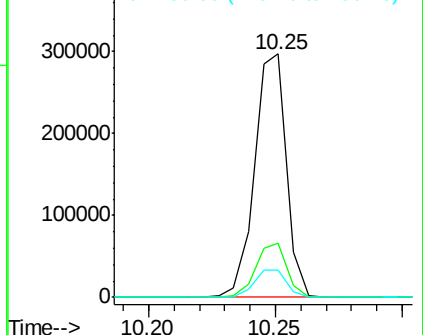
150 11.2 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 10.30 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

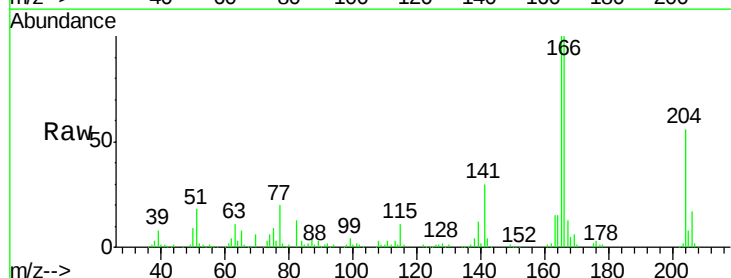
Tgt Ion:204 Resp: 125662

Ion Ratio Lower Upper

204 100

206 30.9 26.5 39.7

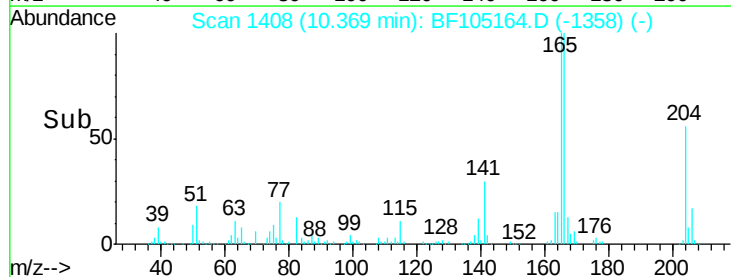
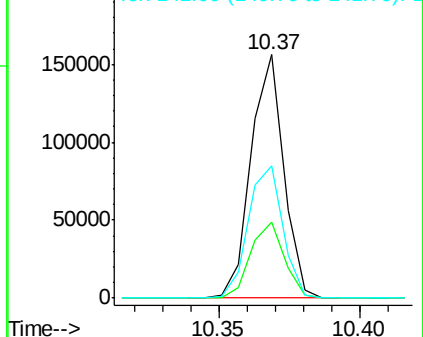
141 54.2 54.6 81.8#

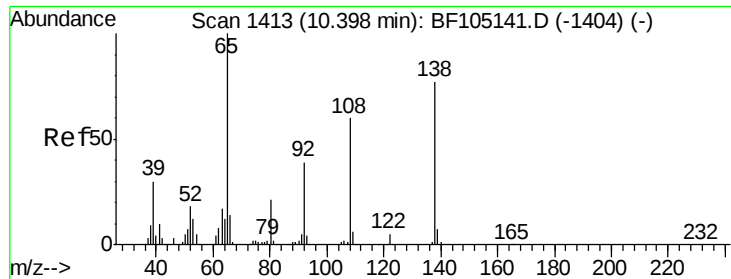


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 8.69 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.02 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

Instrument :

BNA_F

ClientSampleId :

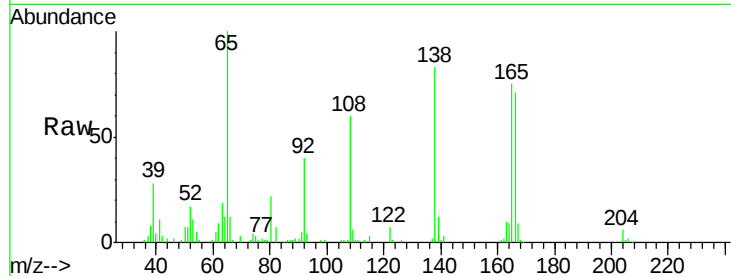
Tot Ion:138 Resp: 53935

Ion Ratio Lower Upper

138 100

92 48.8 30.2 70.2

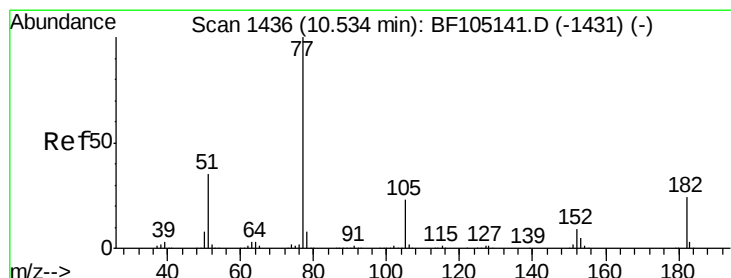
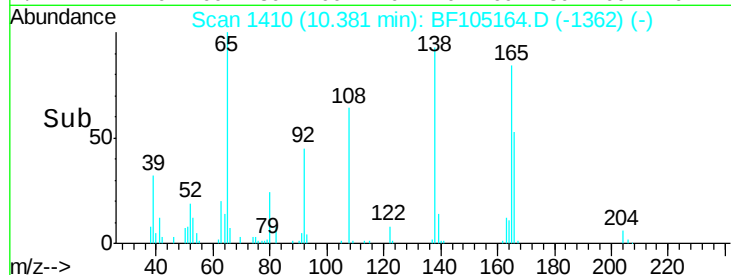
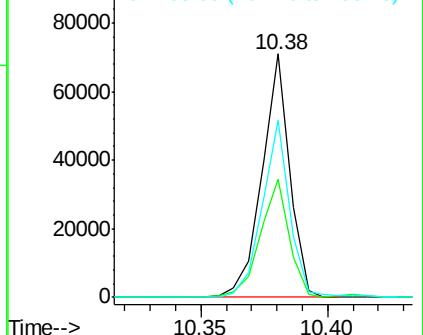
108 72.8 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 8.89 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

Tgt Ion: 77 Resp: 248727

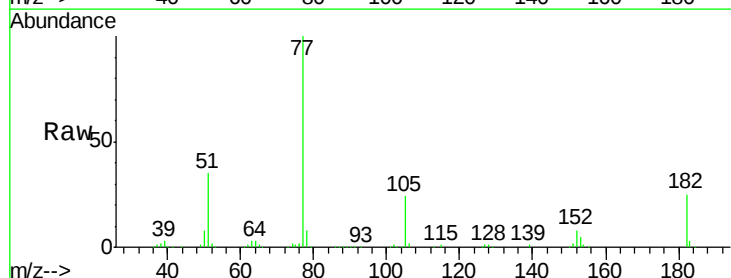
Ion Ratio Lower Upper

77 100

182 24.7 1.7 41.7

105 23.9 3.0 43.0

51 35.3 9.9 49.9

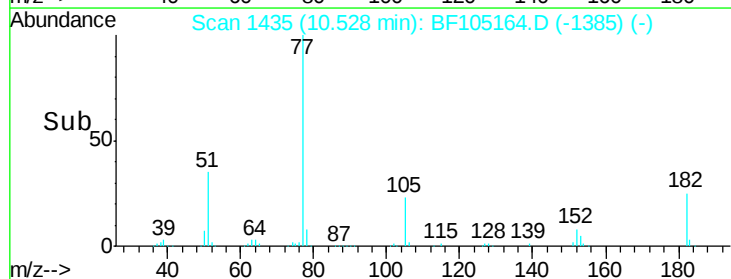
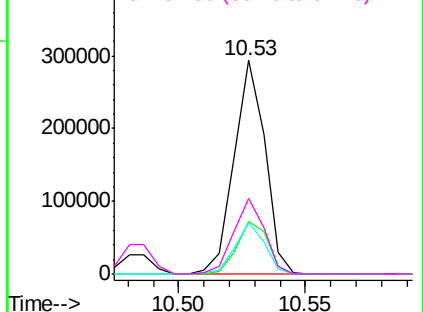


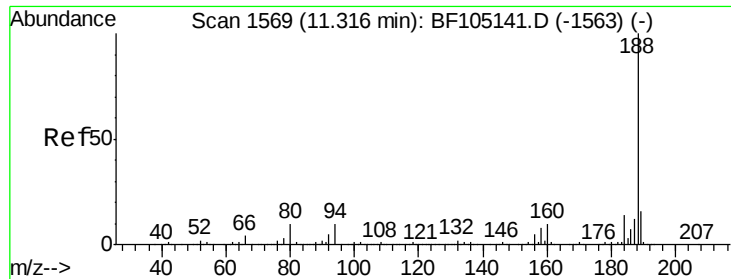
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

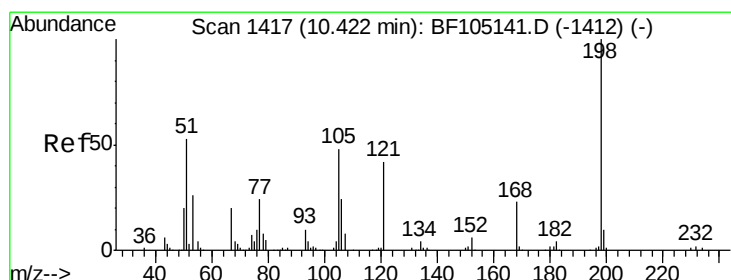
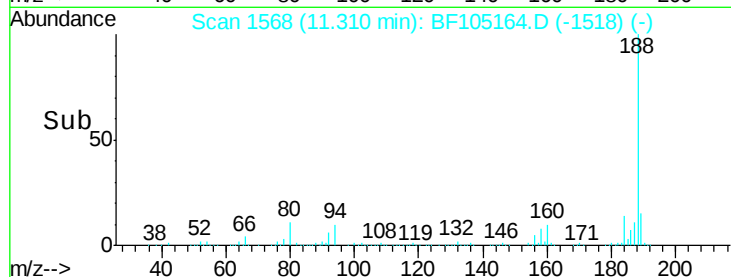
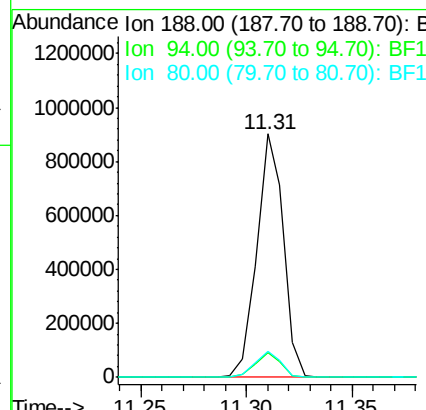
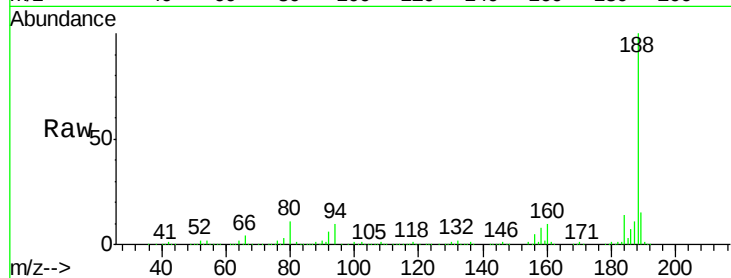




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

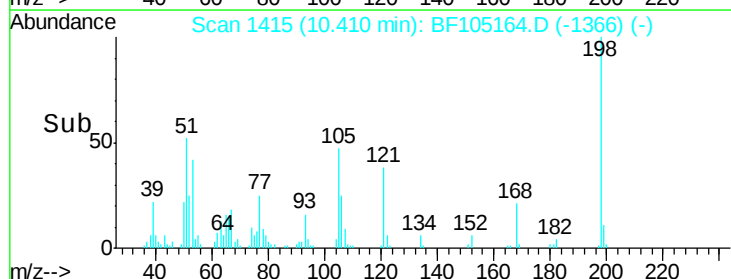
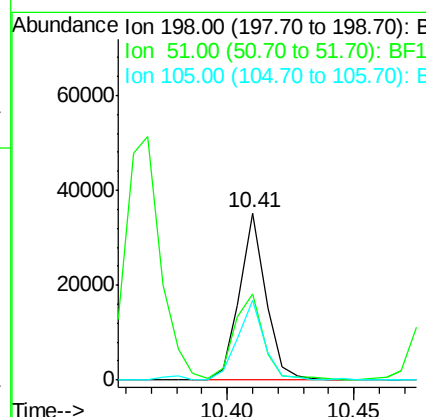
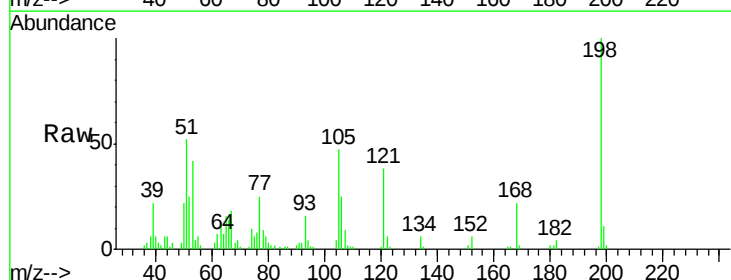
Instrument :
BNA_F
ClientSampleId :

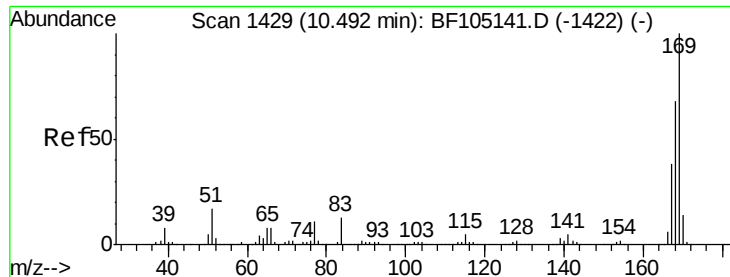
Tot Ion:188 Resp: 788929
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 17.32 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Tgt Ion:198 Resp: 25514
Ion Ratio Lower Upper
198 100
51 51.8 37.7 77.7
105 47.4 36.3 76.3

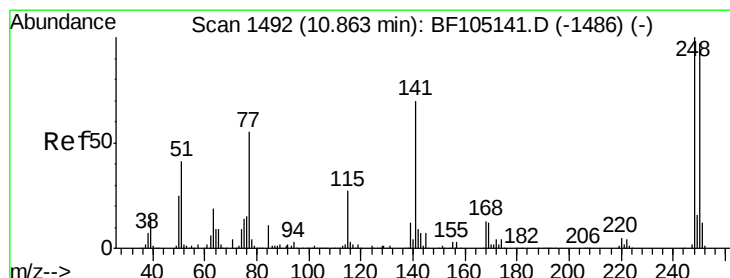
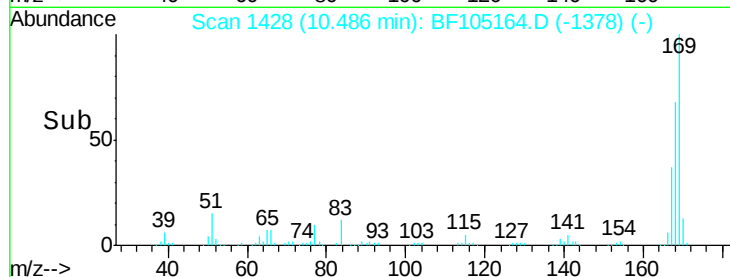
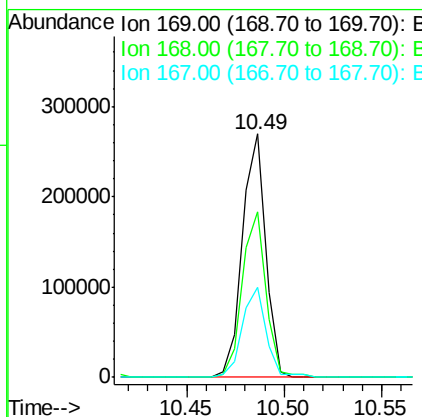
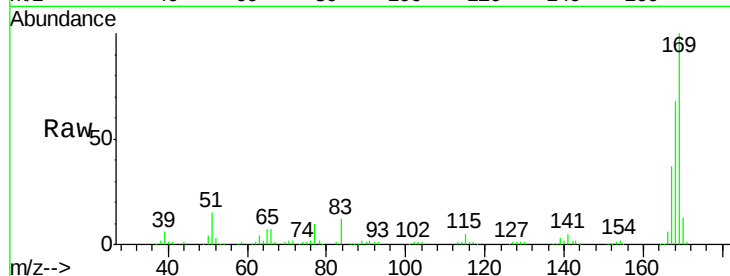




#65
n-Nitrosodiphenylamine
Concen: 9.11 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

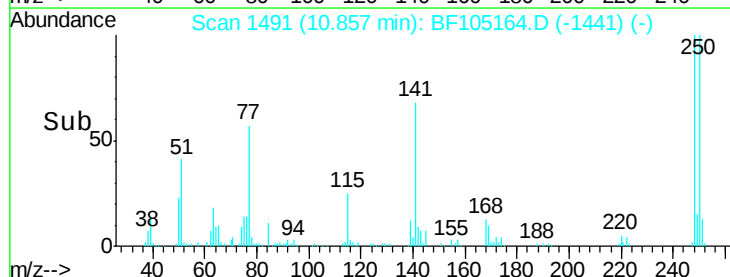
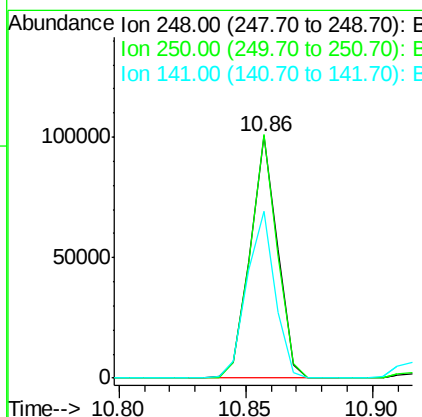
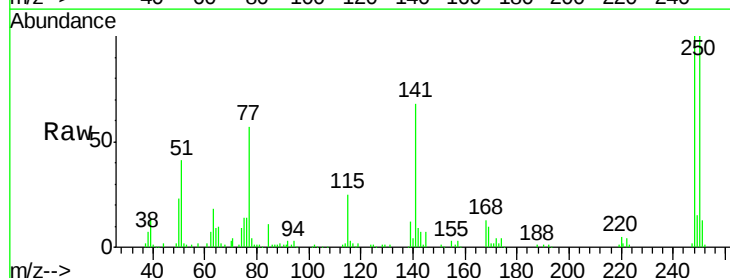
Instrument :
BNA_F
ClientSampleId :

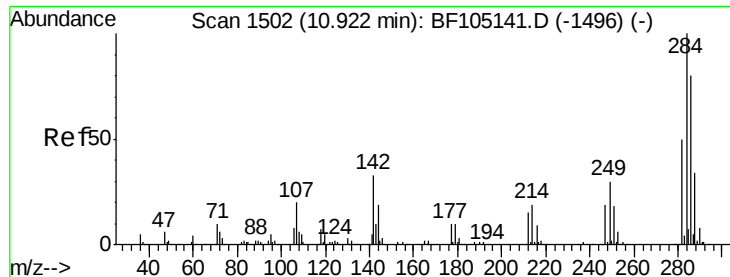
Tot Ion:169 Resp: 224143
Ion Ratio Lower Upper
169 100
168 68.0 54.4 81.6
167 37.0 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 9.00 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Tgt Ion:248 Resp: 75718
Ion Ratio Lower Upper
248 100
250 100.5 76.9 115.3
141 68.8 74.4 111.6#

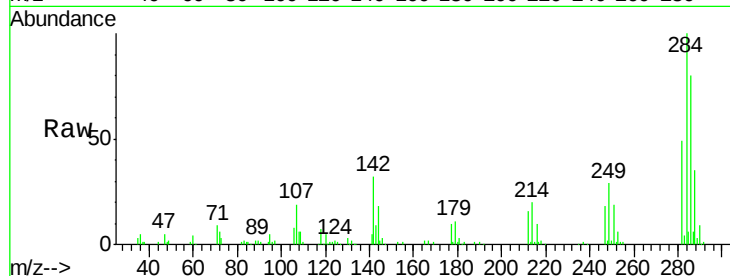




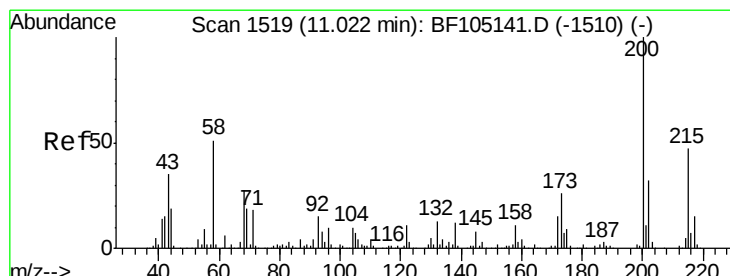
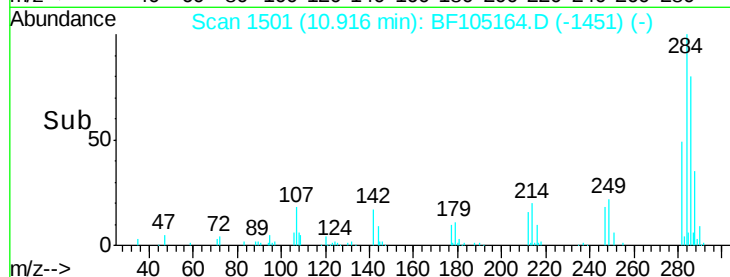
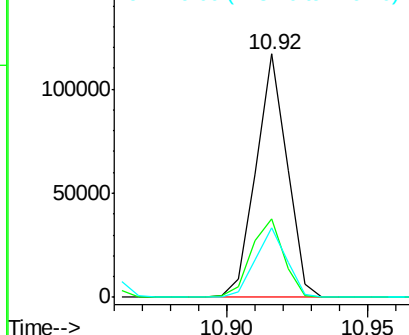
#67
Hexachlorobenzene
Concen: 9.23 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 89511
Ion Ratio Lower Upper
284 100
142 32.3 34.6 52.0#
249 28.6 24.8 37.2

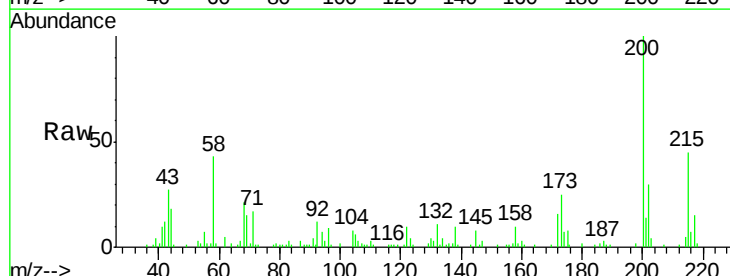


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

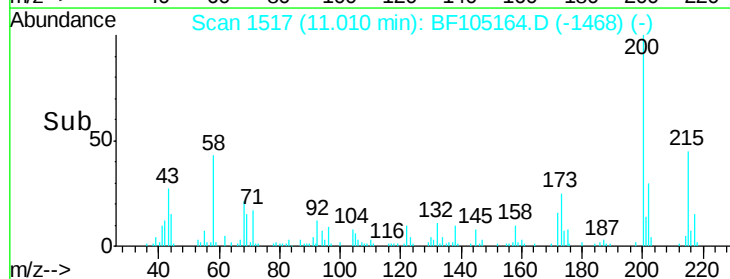
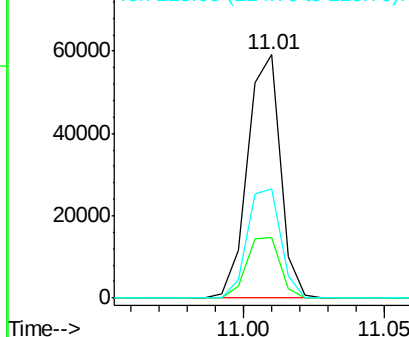


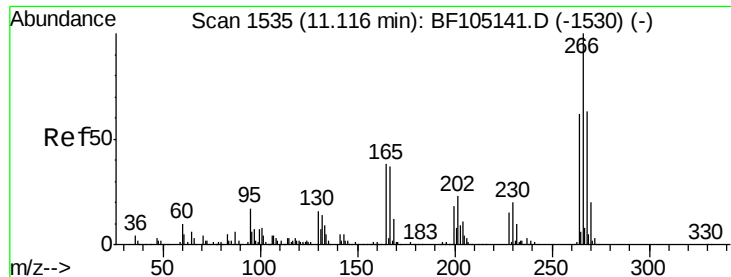
#68
Atrazine
Concen: 6.18 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Tgt Ion:200 Resp: 47617
Ion Ratio Lower Upper
200 100
173 25.1 8.6 48.6
215 44.9 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

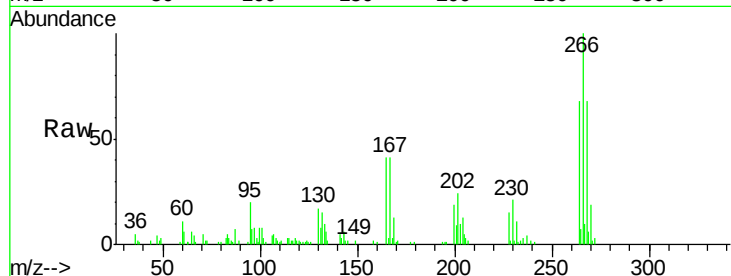




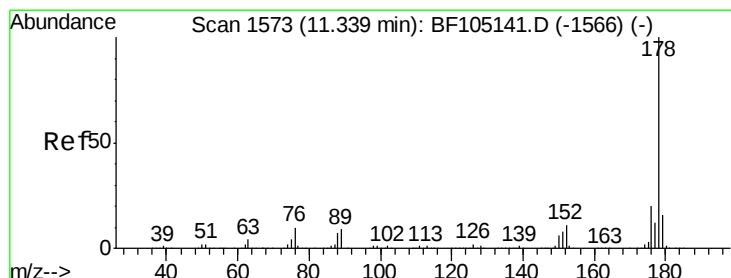
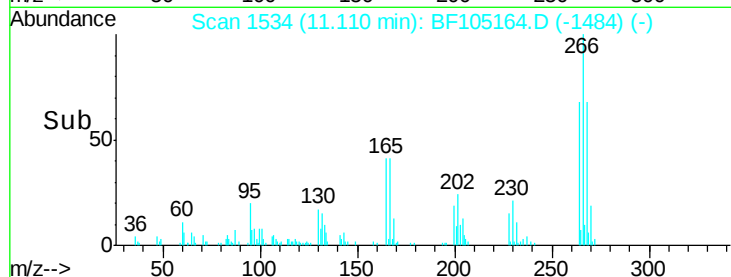
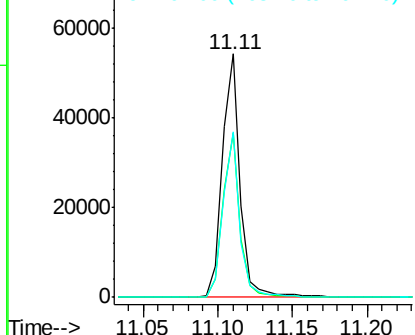
#69
 Pentachlorophenol
 Concen: 10.90 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF105164.D
 Acq: 9 May 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 45770
 Ion Ratio Lower Upper
 266 100
 268 67.6 51.1 76.7
 264 67.8 49.5 74.3

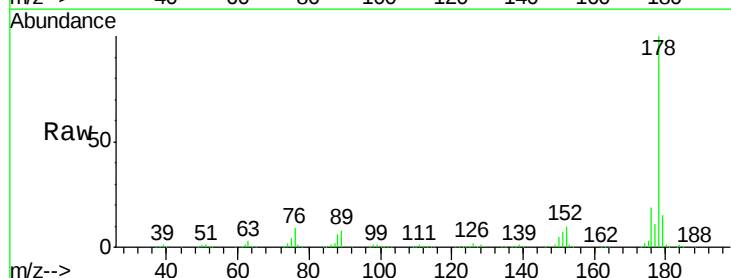


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

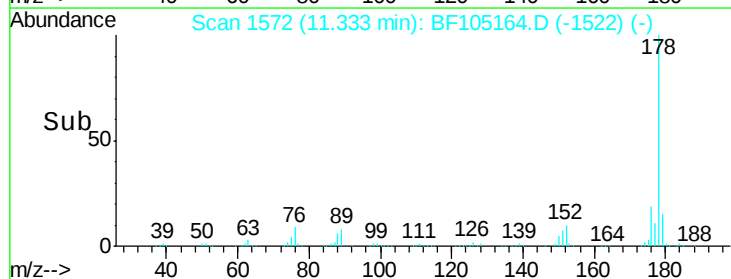
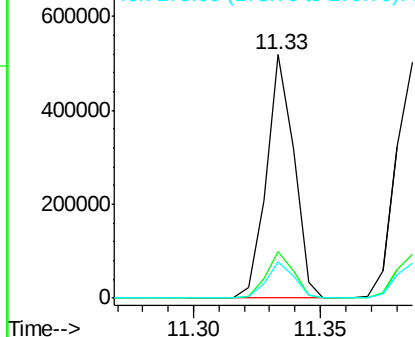


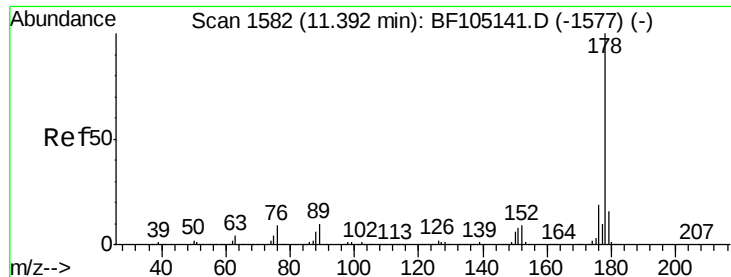
#70
 Phenanthrene
 Concen: 9.40 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF105164.D
 Acq: 9 May 2018 00:18

Tgt Ion:178 Resp: 390877
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.0 13.0 19.6



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

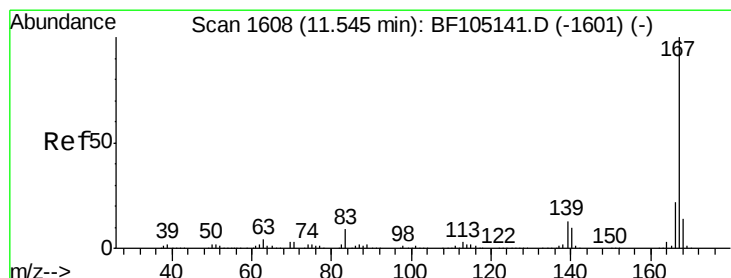
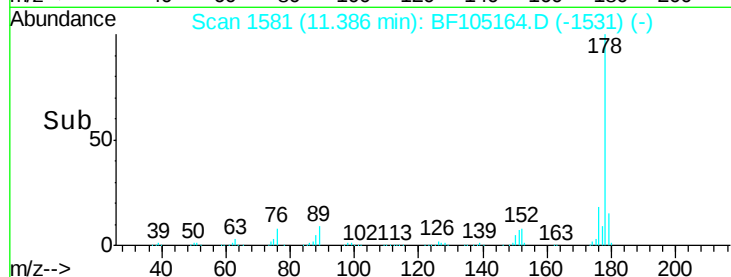
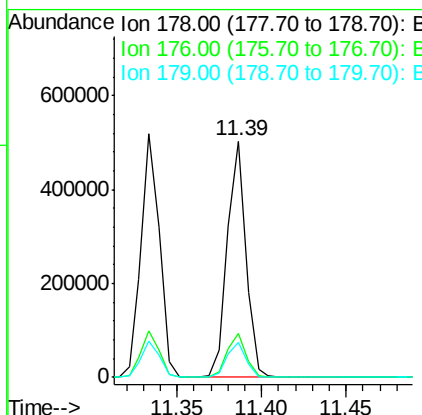
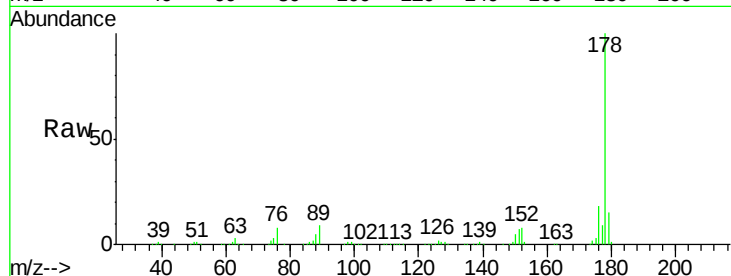




#71
 Anthracene
 Concen: 9.14 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF105164.D
 Acq: 9 May 2018 00:18

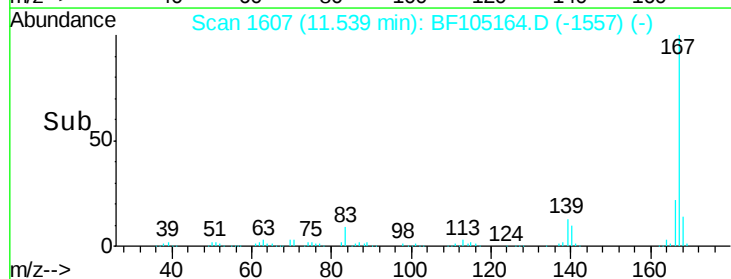
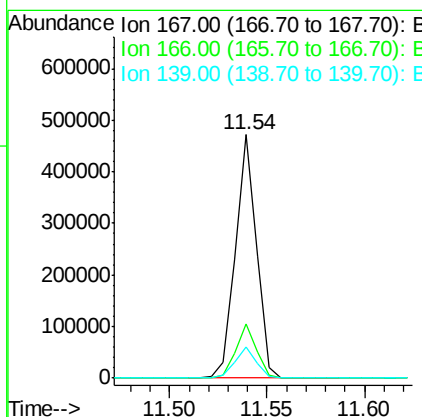
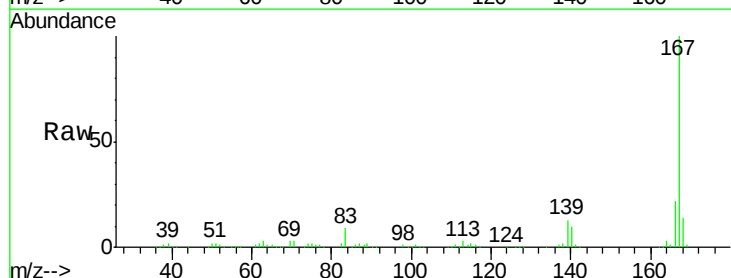
Instrument :
 BNA_F
 ClientSampleId :

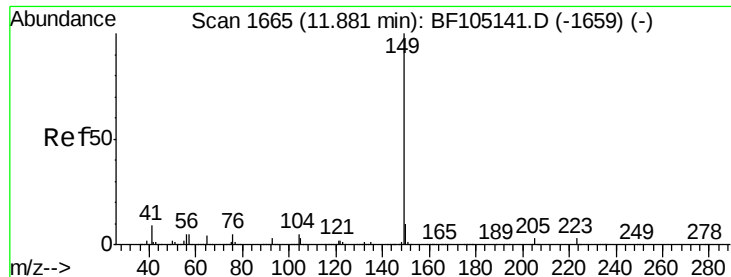
Tot Ion:178 Resp: 386278
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 15.0 12.6 19.0



#72
 Carbazole
 Concen: 9.25 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF105164.D
 Acq: 9 May 2018 00:18

Tgt Ion:167 Resp: 352181
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 12.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 9.53 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

Instrument :

BNA_F

ClientSampleId :

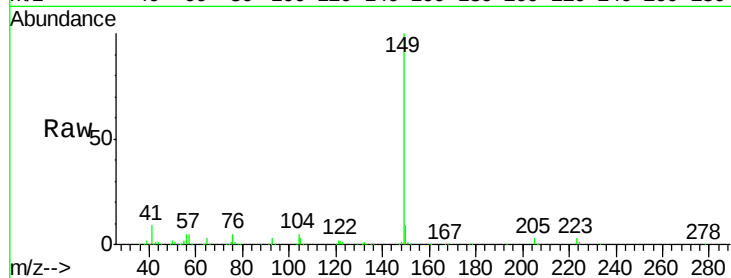
Tot Ion:149 Resp: 388212

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

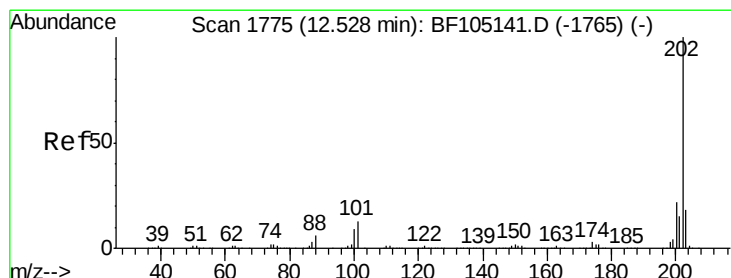
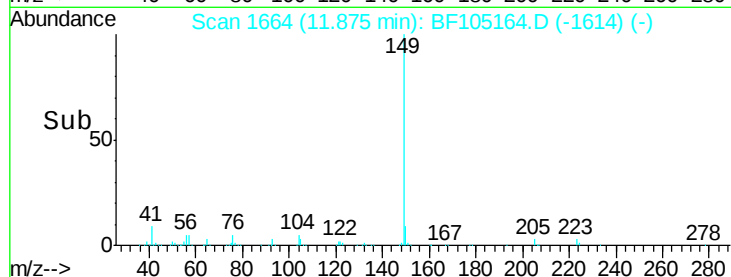
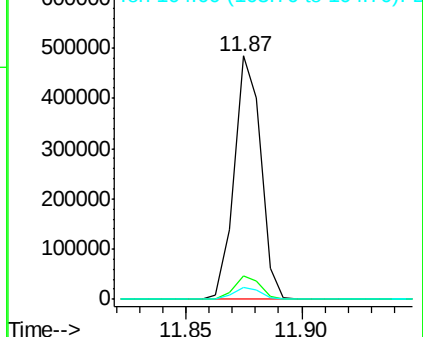
104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 9.34 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

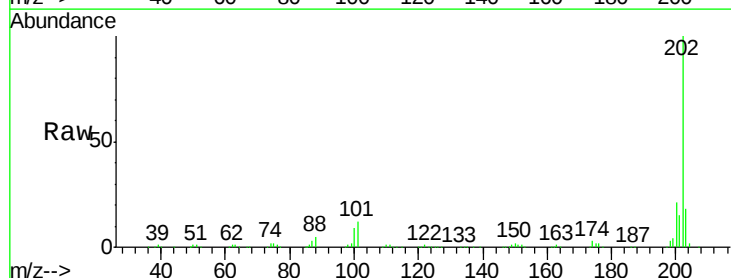
Tgt Ion:202 Resp: 405008

Ion Ratio Lower Upper

202 100

101 11.6 0.0 34.1

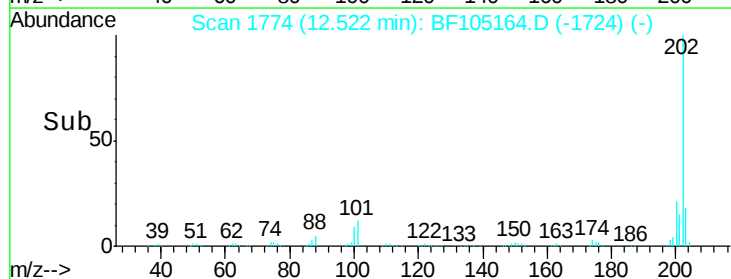
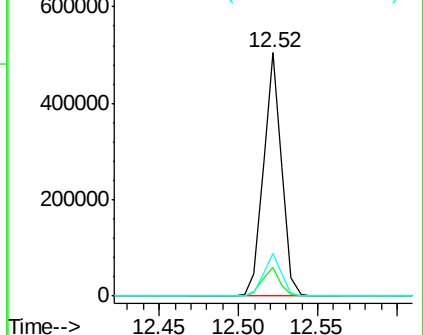
203 17.6 0.0 38.1

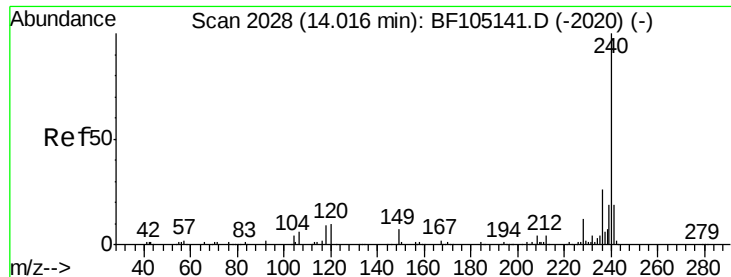


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

Instrument :

BNA_F

ClientSampleId :

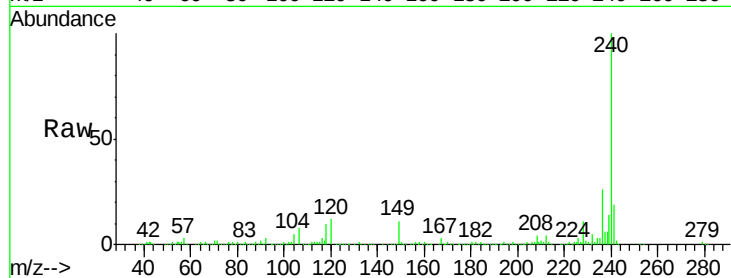
Tot Ion:240 Resp: 659538

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

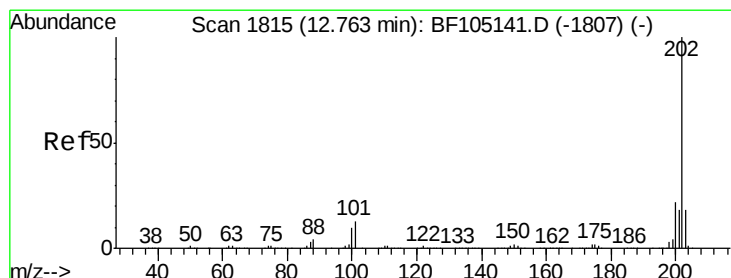
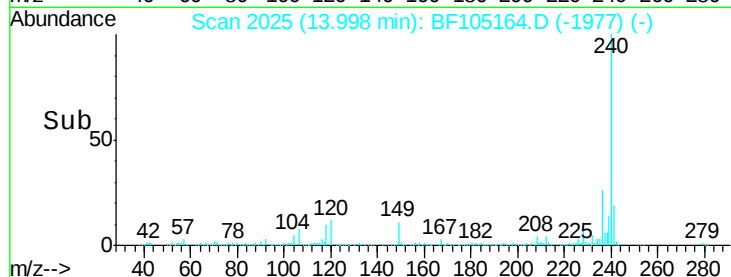
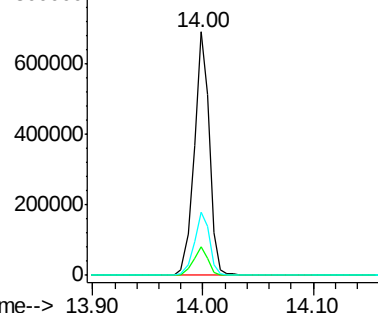
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 8.86 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

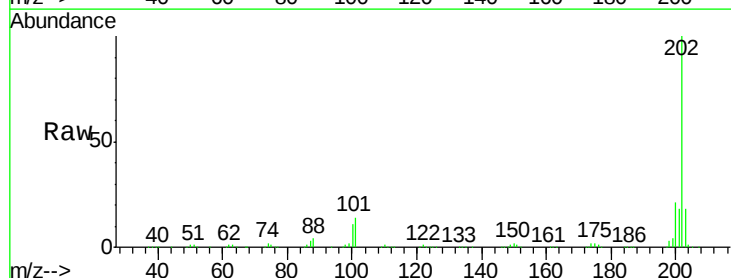
Tgt Ion:202 Resp: 424811

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

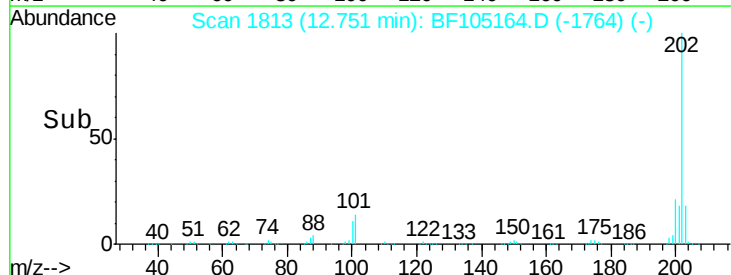
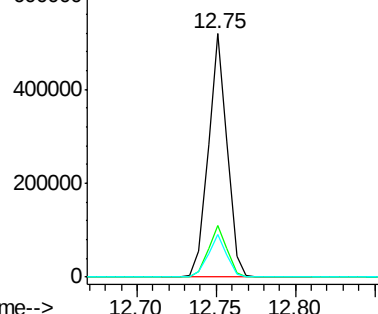
203 17.5 14.3 21.5

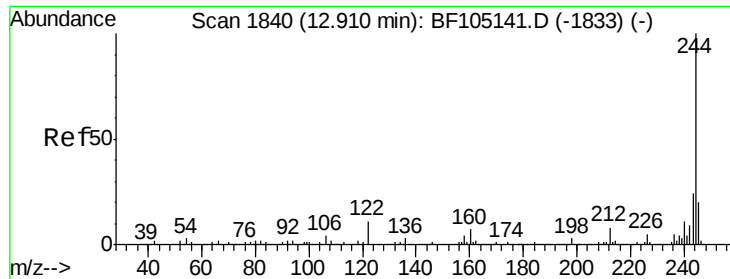


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

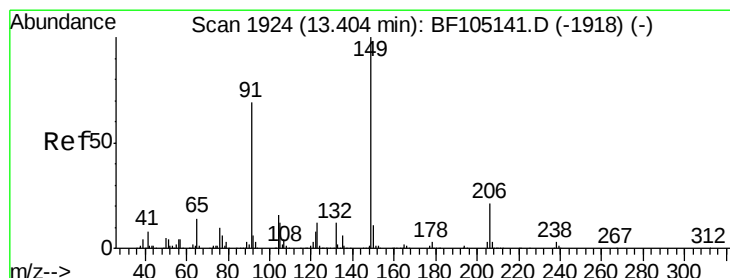
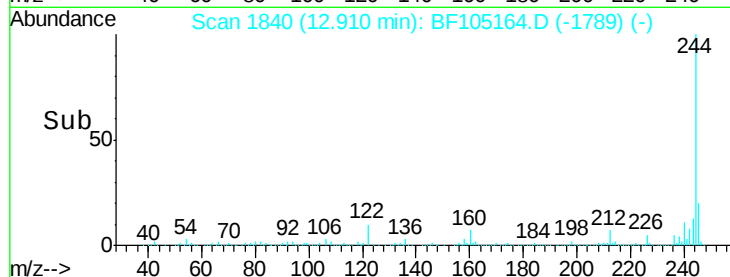
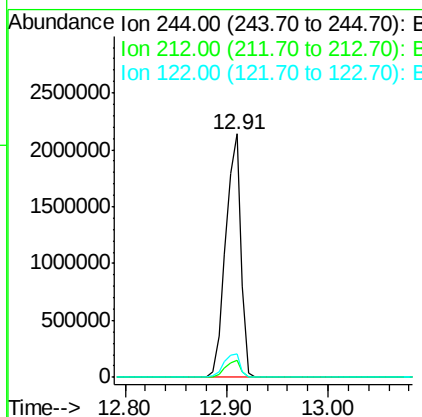
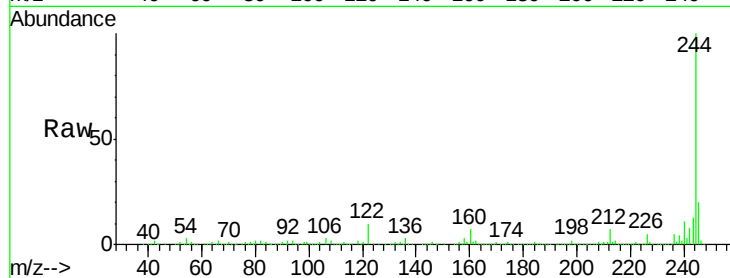




#78
 Terphenyl-d14
 Concen: 78.54 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF105164.D
 Acq: 9 May 2018 00:18

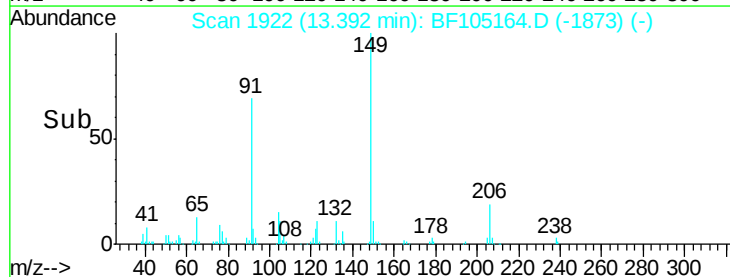
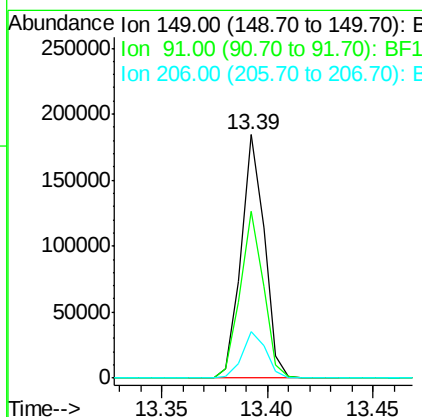
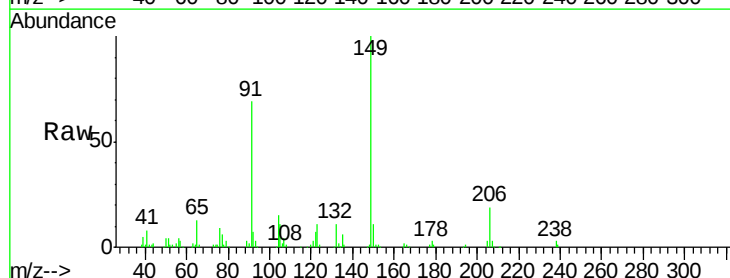
Instrument :
 BNA_F
 ClientSampled :

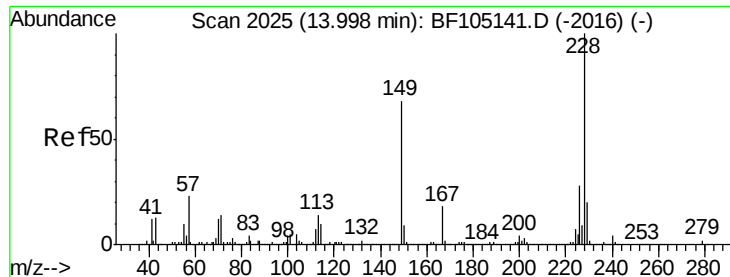
Tot Ion:244 Resp: 2230021
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 9.8 11.0 16.4#



#79
 Butylbenzylphthalate
 Concen: 13.82 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: BF105164.D
 Acq: 9 May 2018 00:18

Tgt Ion:149 Resp: 140055
 Ion Ratio Lower Upper
 149 100
 91 68.6 56.8 85.2
 206 19.0 14.1 21.1





#80

Benzo(a)anthracene

Concen: 8.90 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

Instrument :

BNA_F

ClientSampleId :

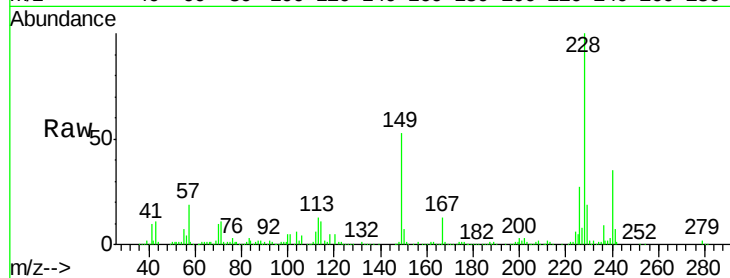
Tot Ion:228 Resp: 355940

Ion Ratio Lower Upper

228 100

226 27.3 22.6 33.8

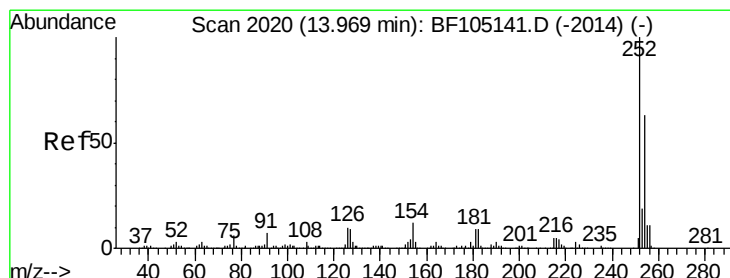
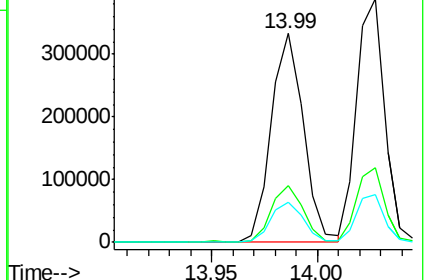
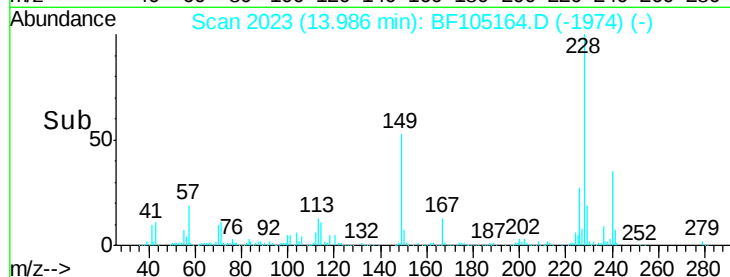
229 19.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 7.16 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

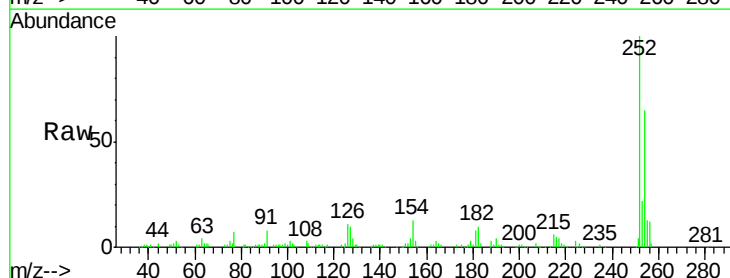
Tgt Ion:252 Resp: 107627

Ion Ratio Lower Upper

252 100

254 64.6 50.4 75.6

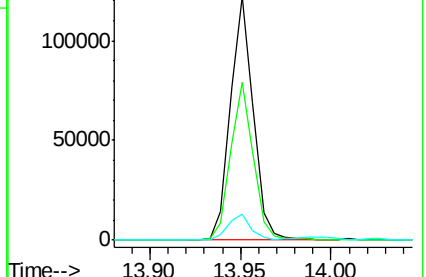
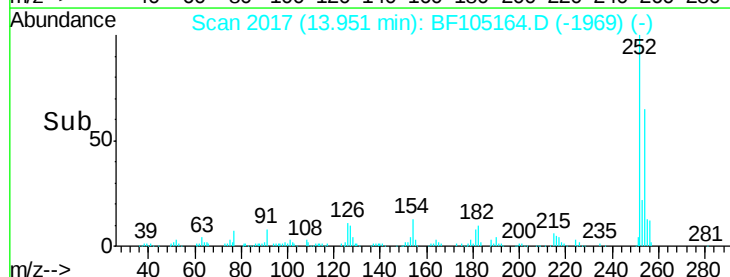
126 10.8 11.3 16.9#

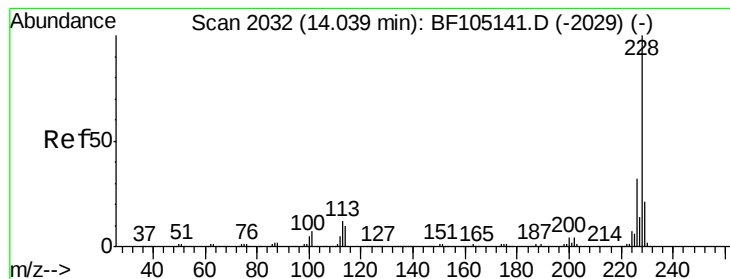


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 8.68 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

Instrument :

BNA_F

ClientSampleId :

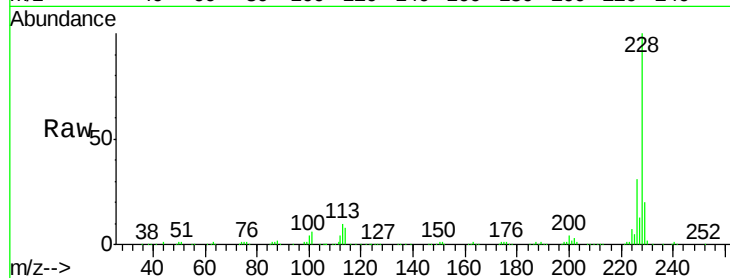
Tot Ion:228 Resp: 357355

Ion Ratio Lower Upper

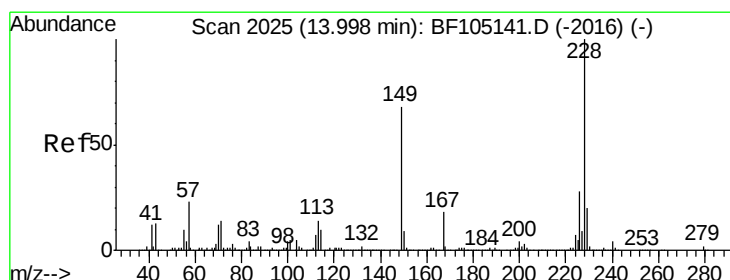
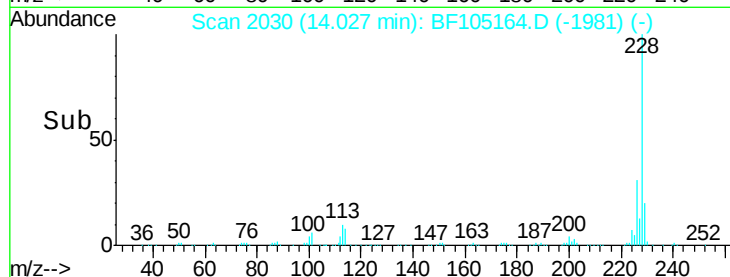
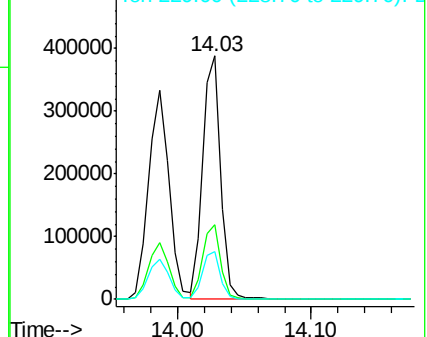
228 100

226 30.6 25.0 37.6

229 19.7 16.2 24.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 9.85 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

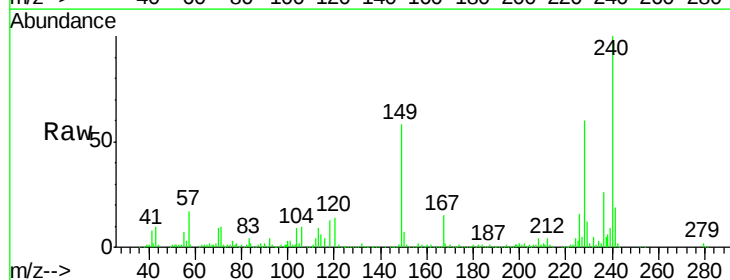
Tgt Ion:149 Resp: 195361

Ion Ratio Lower Upper

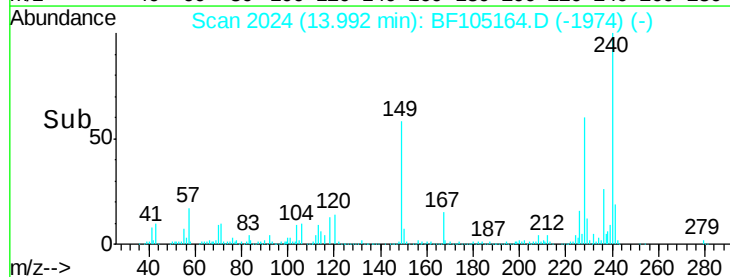
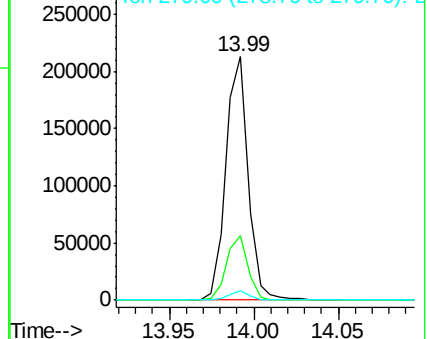
149 100

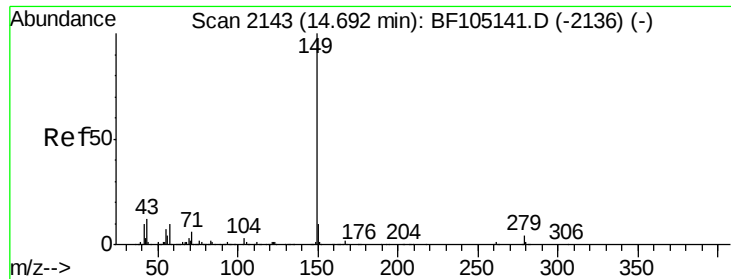
167 26.7 21.3 31.9

279 3.8 3.0 4.4



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

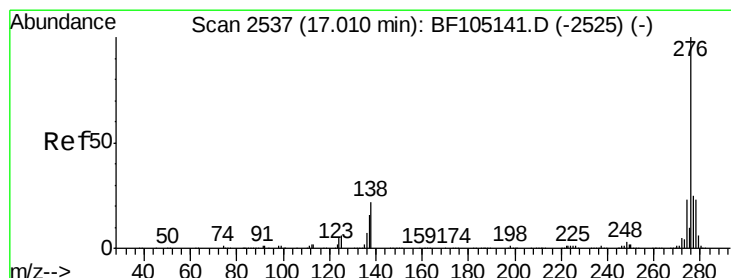
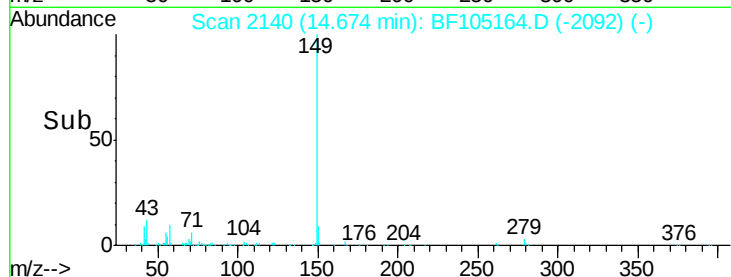
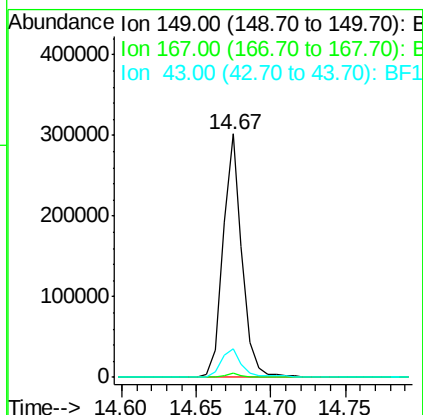
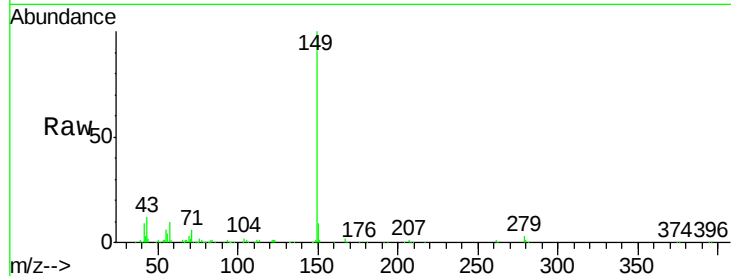




#84
Di-n-octyl phthalate
Concen: 12.90 ng
RT: 14.67 min Scan# 2140
Delta R.T. -0.02 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

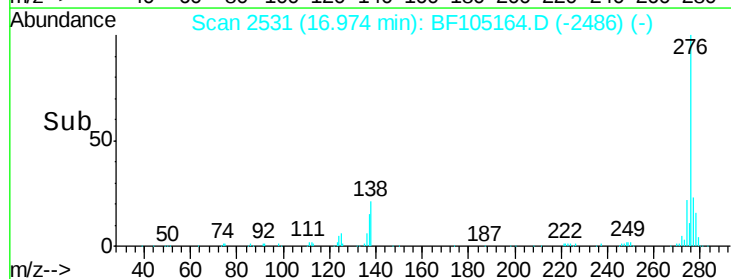
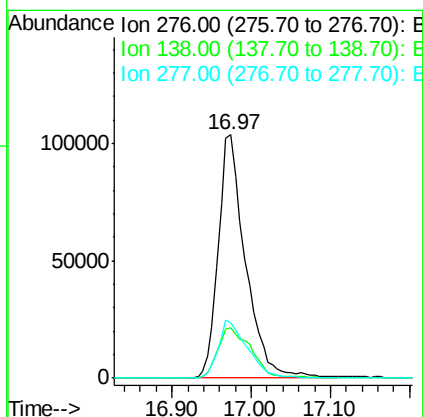
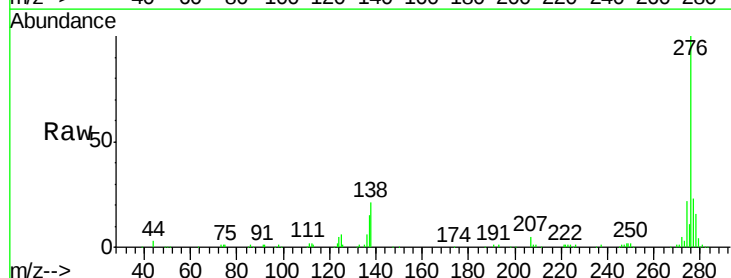
Instrument :
BNA_F
ClientSampleId :

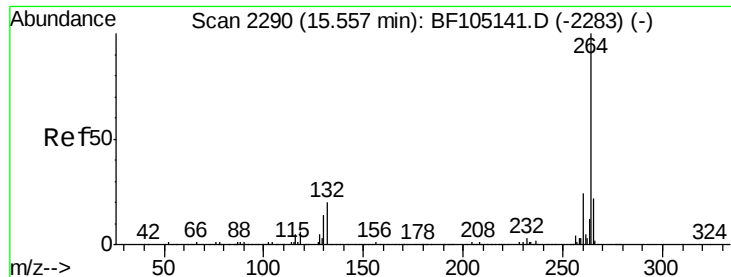
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	13.1	8.4	12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 7.58 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.04 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	25.0	37.6
277	25.0	20.1	30.1



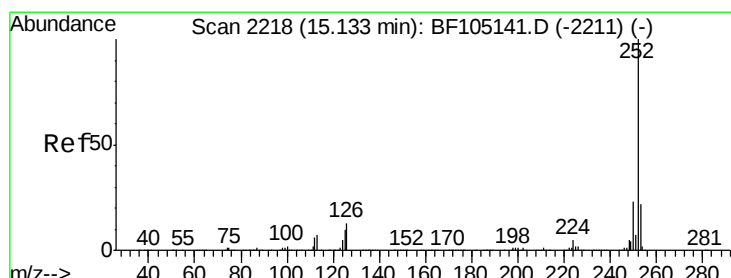
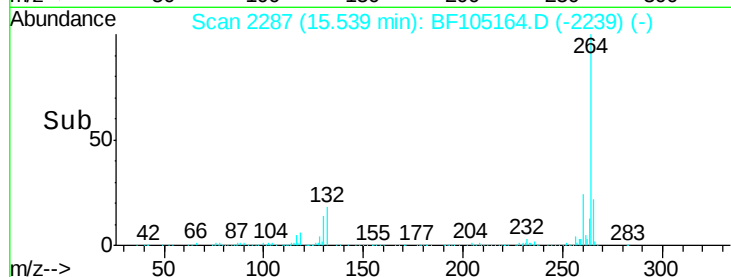
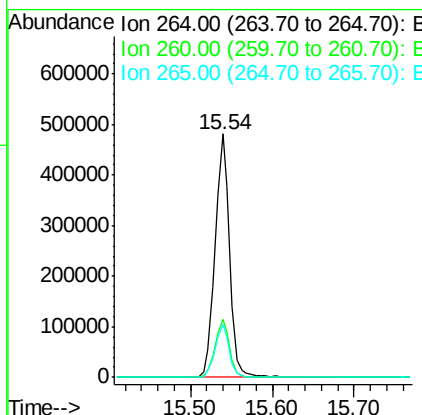
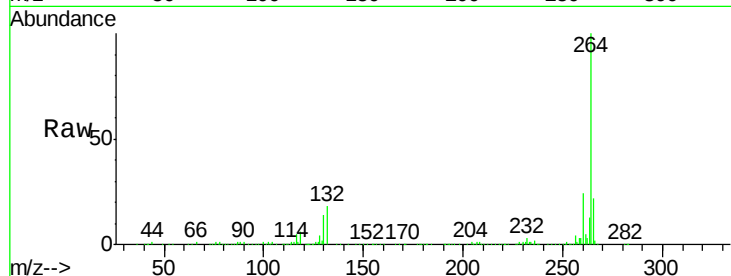


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.02 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 595477

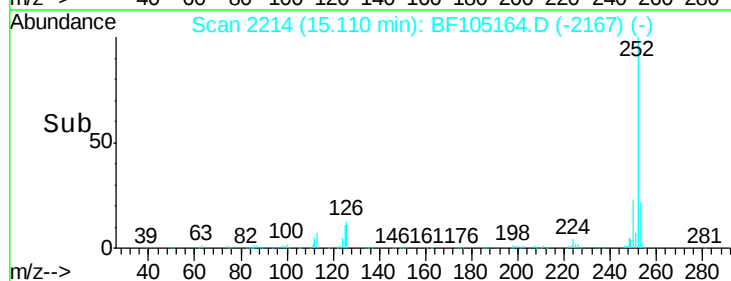
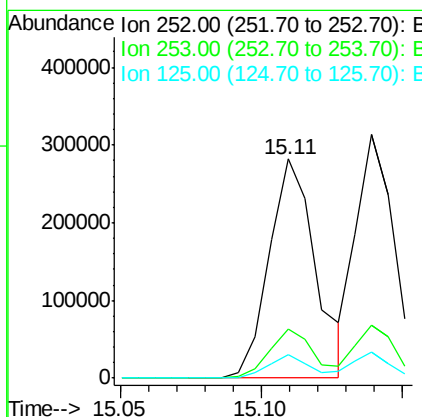
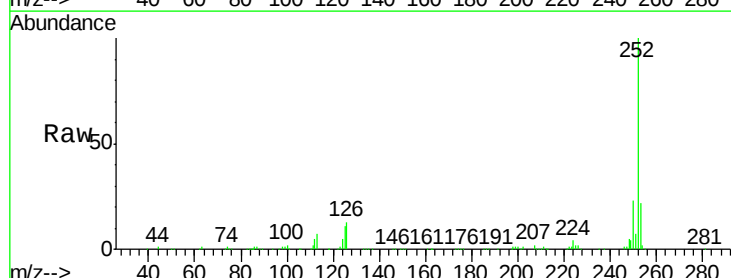
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3

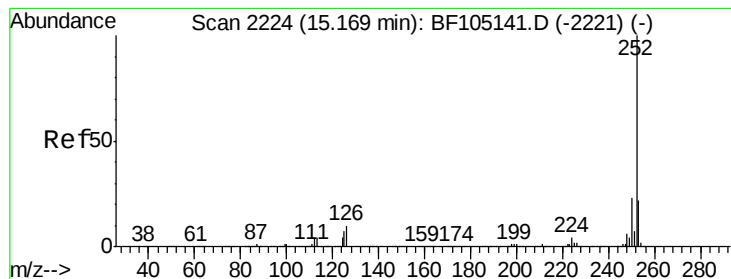


#87
Benzo(b)fluoranthene
Concen: 8.84 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Tgt Ion:252 Resp: 321877

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	10.5	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 8.63 ng

RT: 15.14 min Scan# 2219

Delta R.T. -0.03 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

Instrument :

BNA_F

ClientSampleId :

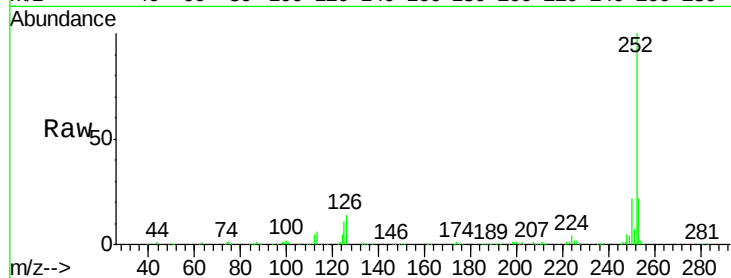
Tot Ion:252 Resp: 305007

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

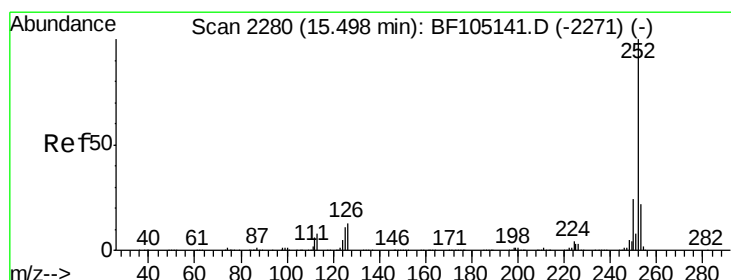
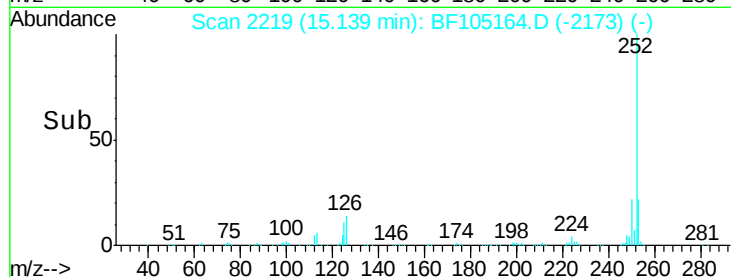
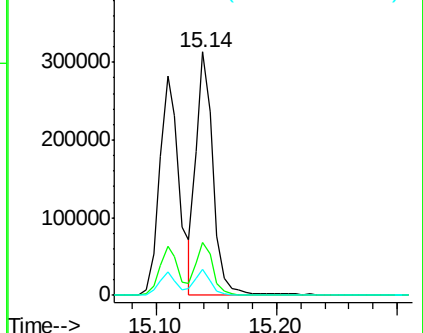
125 10.8 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 8.30 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.02 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

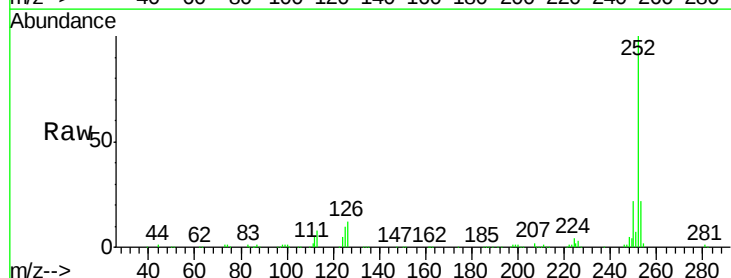
Tgt Ion:252 Resp: 274903

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

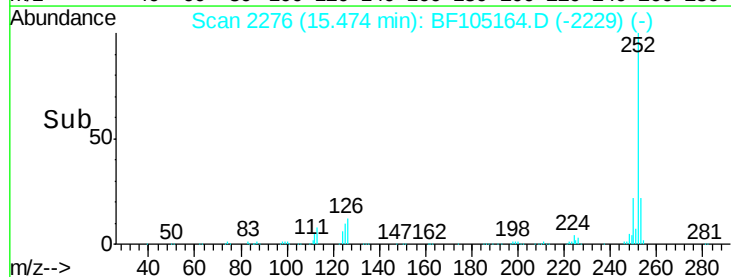
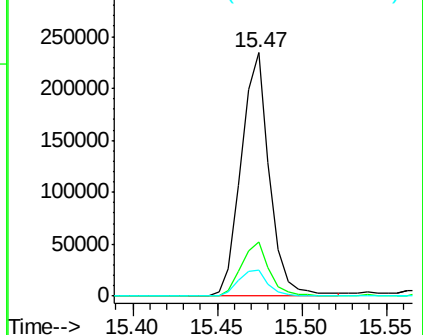
125 10.5 9.8 14.6

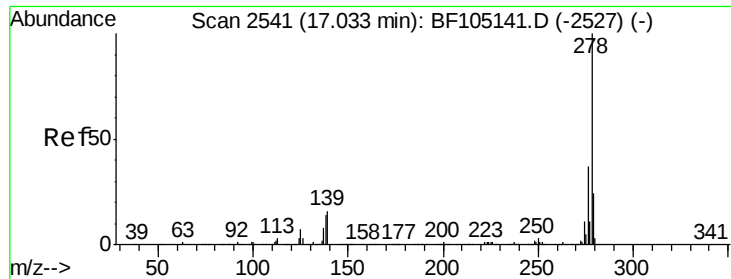


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 7.99 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.04 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

Instrument :

BNA_F

ClientSampleId :

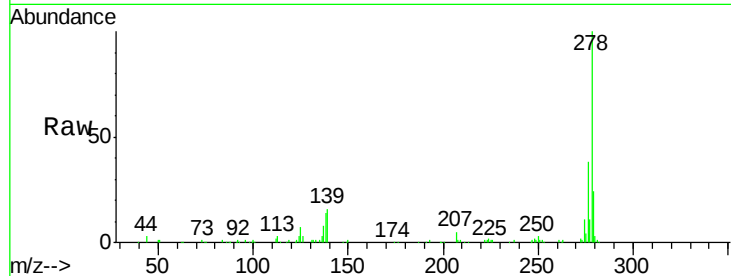
Tot Ion:278 Resp: 205590

Ion Ratio Lower Upper

278 100

139 16.3 15.9 23.9

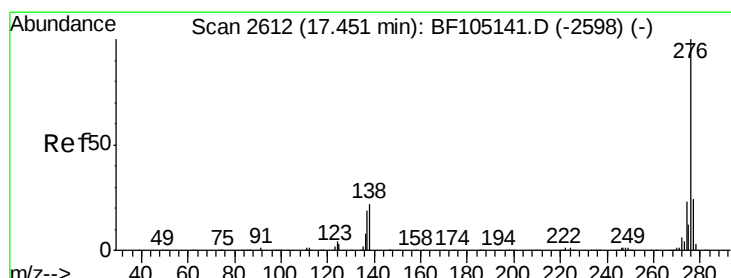
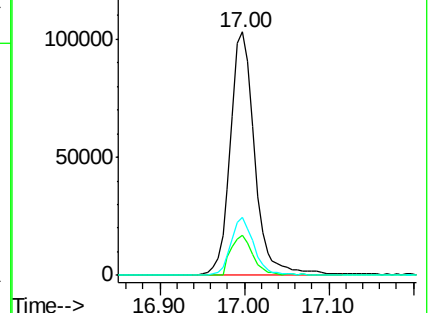
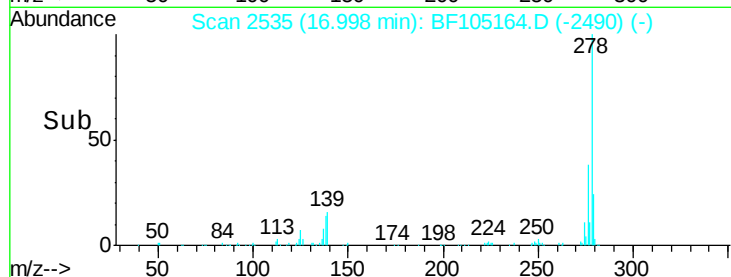
279 24.0 19.0 28.4



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



#91

Benzo(g,h,i)perylene

Concen: 8.01 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.05 min

Lab File: BF105164.D

Acq: 9 May 2018 00:18

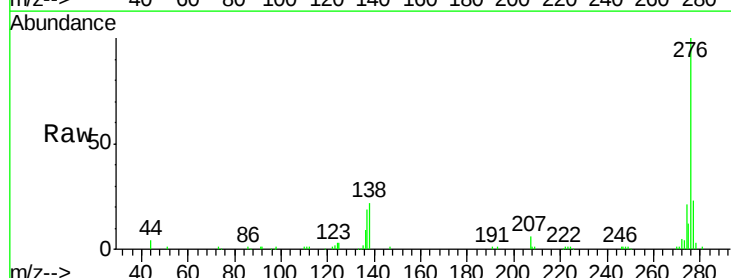
Tgt Ion:276 Resp: 201630

Ion Ratio Lower Upper

276 100

277 23.0 17.9 26.9

138 22.2 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

