

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105140.D
 Acq On : 8 May 2018 12:06
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 13:41:10 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 13:40:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	200472	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	802335	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	396320	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	756711	20.00	ng	0.00
75) Chrysene-d12	14.03	240	621221	20.00	ng	0.01
86) Perylene-d12	15.60	264	590536	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	639727	48.79	ng	0.00
7) Phenol-d6	6.41	99	748452	46.46	ng	-0.01
23) Nitrobenzene-d5	7.36	82	591862	48.17	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	223744	54.42	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1349562	53.79	ng	0.00
78) Terphenyl-d14	12.91	244	1360301	49.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	157320	25.752	ng	87
3) Pyridine	3.24	79	438261	25.516	ng	86
4) n-Nitrosodimethylamine	3.19	42	219609	36.576	ng	84
6) Aniline	6.46	93	537172	24.002	ng	97
8) 2-Chlorophenol	6.57	128	339930	24.565	ng	97
9) Benzaldehyde	6.35	77	295190	36.722	ng	99
10) Phenol	6.43	94	417013	24.398	ng	97
11) bis(2-Chloroethyl)ether	6.53	93	337930	24.776	ng	91
12) 1,3-Dichlorobenzene	6.73	146	393577	25.105	ng	100
13) 1,4-Dichlorobenzene	6.81	146	396910	25.398	ng	99
14) 1,2-Dichlorobenzene	6.96	146	374526	25.862	ng	98
15) Benzyl Alcohol	6.93	79	287500	23.498	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	632120	34.509	ng	96
17) 2-Methylphenol	7.04	107	287292	23.884	ng	99
18) Hexachloroethane	7.30	117	126773	22.753	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	248249	23.583	ng	90
20) 3+4-Methylphenols	7.19	107	354408	23.756	ng	89
22) Acetophenone	7.20	105	482969	24.450	ng	# 96
24) Nitrobenzene	7.37	77	342515	25.248	ng	95
25) Isophorone	7.62	82	676754	26.046	ng	99
26) 2-Nitrophenol	7.69	139	86682	15.695	ng	99
27) 2,4-Dimethylphenol	7.72	122	311599	27.173	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	423181	26.638	ng	98
29) 2,4-Dichlorophenol	7.93	162	284004	25.957	ng	94
30) 1,2,4-Trichlorobenzene	8.02	180	325125	27.076	ng	98
31) Naphthalene	8.10	128	1000553	25.044	ng	100
32) Benzoic acid	7.82	122	92680	10.129	ng	96
33) 4-Chloroaniline	8.15	127	423489	24.742	ng	98
34) Hexachlorobutadiene	8.22	225	190068	28.898	ng	99
35) Caprolactam	8.50	113	83053	21.759	ng	# 79
36) 4-Chloro-3-methylphenol	8.62	107	296273	25.253	ng	99
37) 2-Methylnaphthalene	8.79	142	707696	27.385	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	331017	29.177	ng	98
40) Hexachlorocyclopentadiene	8.94	237	162705	25.618	ng	96

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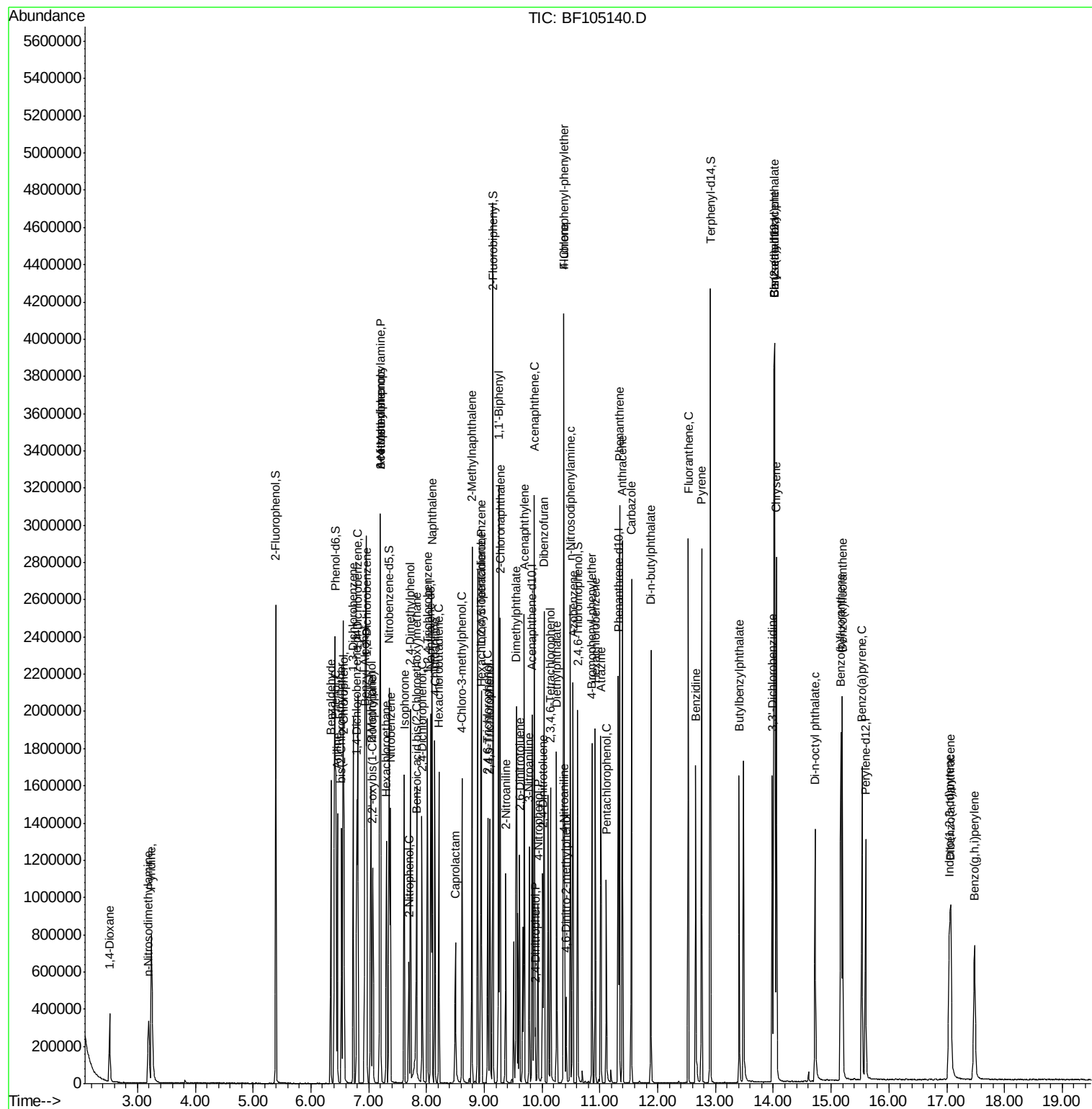
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	196832	24.993	ng	95
43) 2,4,5-Trichlorophenol	9.10	196	207330	23.526	ng	# 90
45) 1,1'-Biphenyl	9.25	154	853188	25.626	ng	98
46) 2-Chloronaphthalene	9.27	162	628142	23.886	ng	97
47) 2-Nitroaniline	9.37	65	146945	22.595	ng	85
48) Acenaphthylene	9.69	152	981068	23.778	ng	99
49) Dimethylphthalate	9.55	163	703387	22.506	ng	98
50) 2,6-Dinitrotoluene	9.62	165	143311	24.781	ng	93
51) Acenaphthene	9.86	154	610778	24.262	ng	97
52) 3-Nitroaniline	9.78	138	151970	22.447	ng	99
53) 2,4-Dinitrophenol	9.88	184	23220	13.209	ng	# 20
54) Dibenzofuran	10.03	168	921839	26.276	ng	100
55) 4-Nitrophenol	9.93	139	115914	21.796	ng	94
56) 2,4-Dinitrotoluene	10.01	165	173681	22.896	ng	92
57) Fluorene	10.37	166	675074	26.436	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	185187	28.166	ng	# 88
59) Diethylphthalate	10.25	149	704722	22.641	ng	96
60) 4-Chlorophenyl-phenylether	10.37	204	325811	28.649	ng	89
61) 4-Nitroaniline	10.39	138	148308	22.404	ng	94
62) Azobenzene	10.53	77	710130	23.880	ng	92
64) 4,6-Dinitro-2-methylphenol	10.42	198	42408	12.900	ng	93
65) n-Nitrosodiphenylamine	10.49	169	612245	23.335	ng	100
66) 4-Bromophenyl-phenylether	10.86	248	212873	26.447	ng	# 85
67) Hexachlorobenzene	10.92	284	242230	26.746	ng	# 87
68) Atrazine	11.02	200	196433	24.803	ng	98
69) Pentachlorophenol	11.12	266	123542	22.049	ng	98
70) Phenanthrene	11.34	178	1045961	24.821	ng	99
71) Anthracene	11.39	178	1085358	25.337	ng	99
72) Carbazole	11.54	167	970922	23.195	ng	98
73) Di-n-butylphthalate	11.88	149	1053956	20.612	ng	99
74) Fluoranthene	12.53	202	1117195	25.374	ng	98
76) Benzidine	12.66	184	614090	28.559	ng	99
77) Pyrene	12.76	202	1137169	24.696	ng	100
79) Butylbenzylphthalate	13.41	149	316675	14.598	ng	98
80) Benzo(a)anthracene	14.02	228	980906	26.431	ng	99
81) 3,3'-Dichlorobenzidine	13.98	252	363218	26.249	ng	# 96
82) Chrysene	14.06	228	991277	26.004	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	474111	16.991	ng	100
84) Di-n-octyl phthalate	14.72	149	724148	15.532	ng	# 92
85) Indeno(1,2,3-cd)pyrene	17.04	276	770075	23.781	ng	94
87) Benzo(b)fluoranthene	15.17	252	955624	25.622	ng	98
88) Benzo(k)fluoranthene	15.20	252	903195	25.650	ng	98
89) Benzo(a)pyrene	15.53	252	870720	26.092	ng	98
90) Dibenzo(a,h)anthracene	17.07	278	638447	23.294	ng	96
91) Benzo(g,h,i)perylene	17.48	276	626219	23.583	ng	95

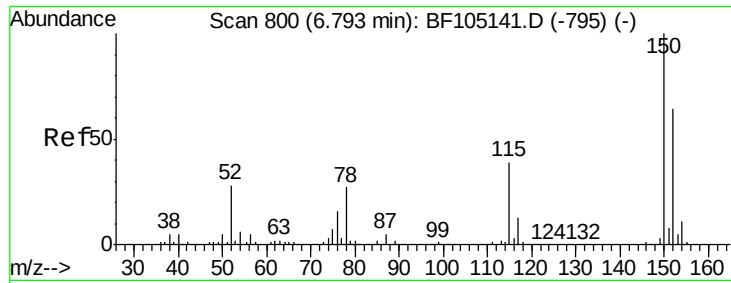
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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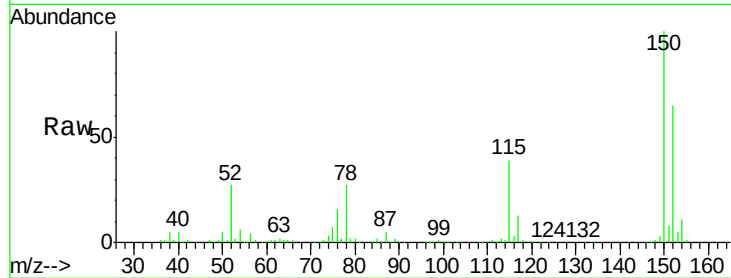


#1

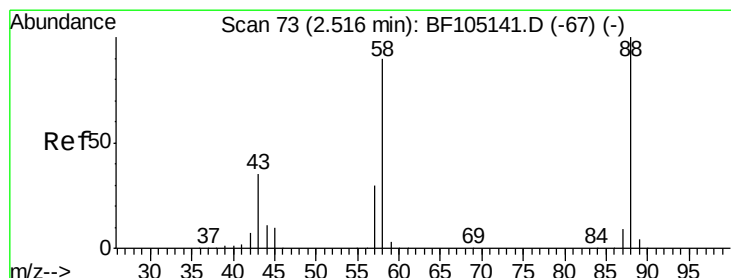
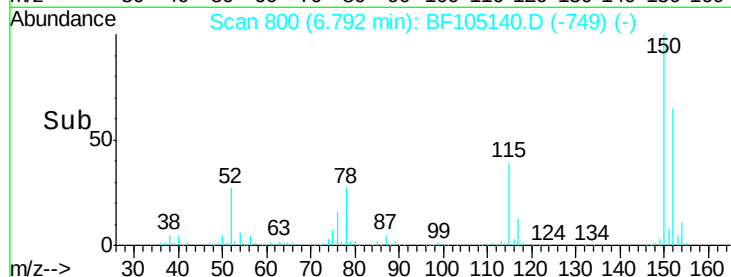
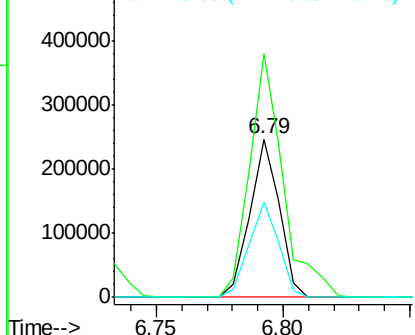
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 200472
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 60.2 50.1 75.1



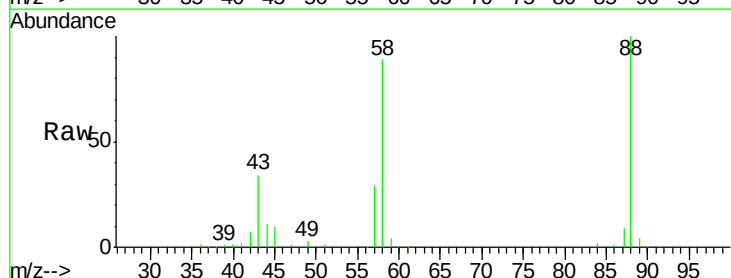
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



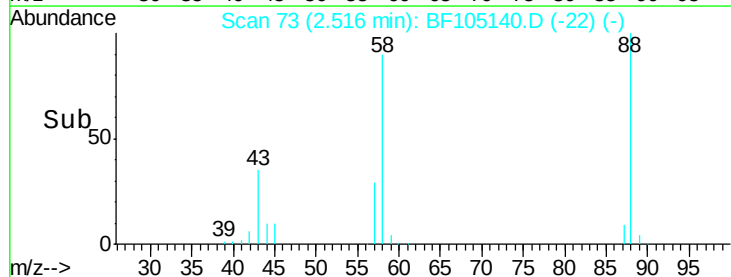
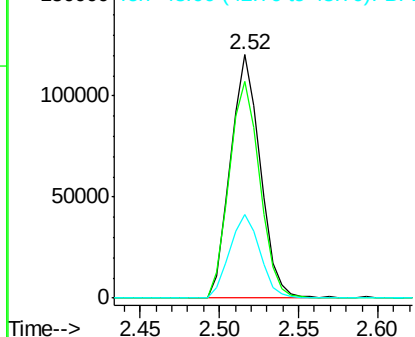
#2

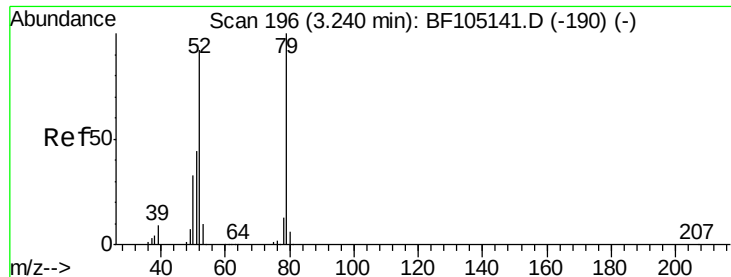
1,4-Dioxane
Concen: 25.752 ng
RT: 2.52 min Scan# 73
Delta R.T. -0.00 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

Tgt Ion: 88 Resp: 157320
Ion Ratio Lower Upper
88 100
58 91.0 62.6 93.8
43 35.0 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: 25.516 ng

RT: 3.24 min Scan# 196

Delta R.T. -0.00 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

Instrument :

BNA_F

ClientSampleId :

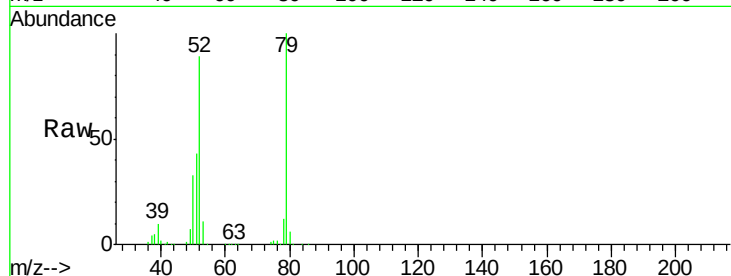
Tot Ion: 79 Resp: 438261

Ion Ratio Lower Upper

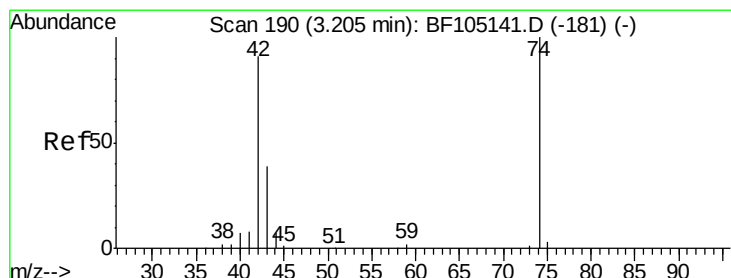
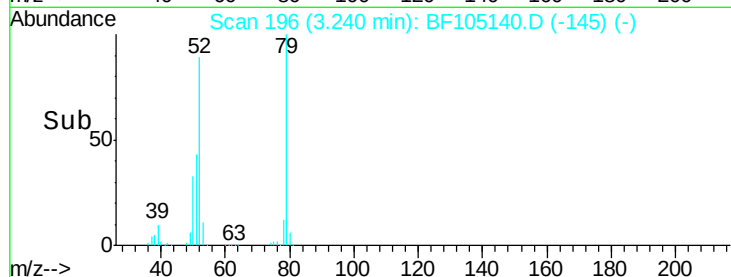
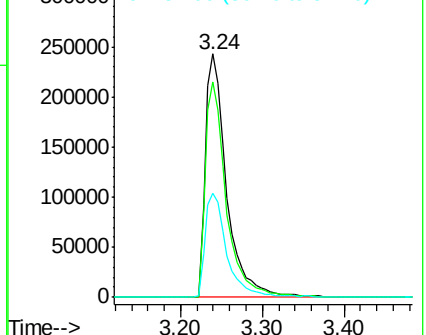
79 100

52 88.7 59.8 89.6

51 42.9 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: 36.576 ng

RT: 3.19 min Scan# 188

Delta R.T. -0.01 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

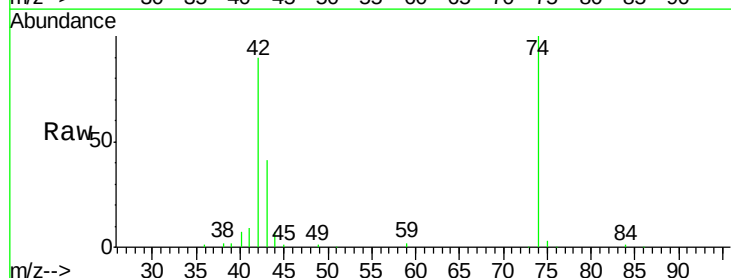
Tgt Ion: 42 Resp: 219609

Ion Ratio Lower Upper

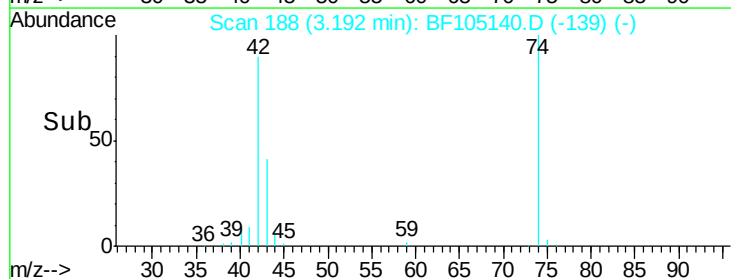
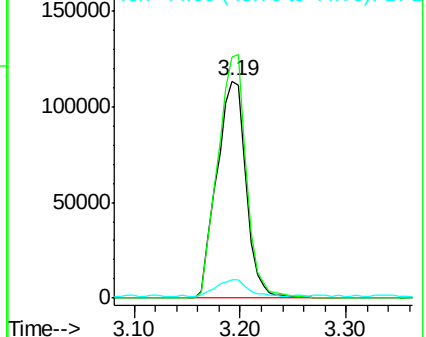
42 100

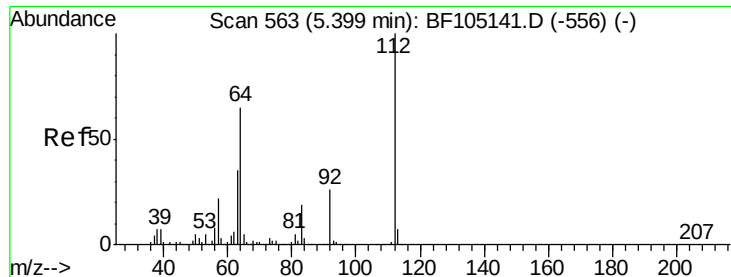
74 111.0 104.9 157.3

44 8.2 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: 48.794 ng

RT: 5.39 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

Instrument :

BNA_F

ClientSampleId :

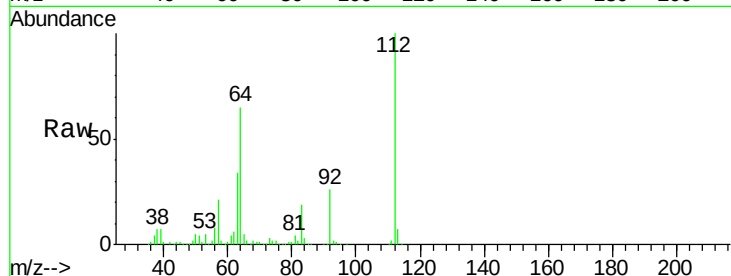
Tot Ion:112 Resp: 639727

Ion Ratio Lower Upper

112 100

64 65.1 47.9 71.9

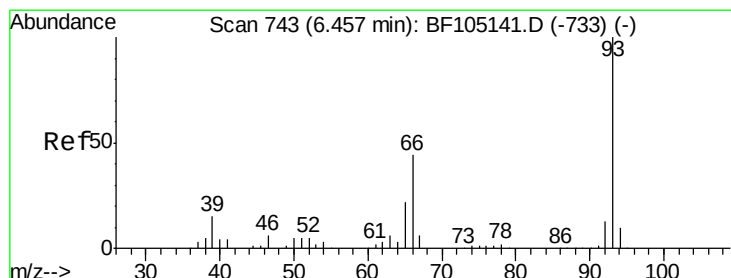
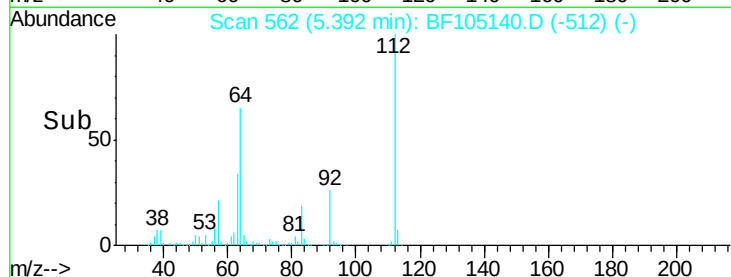
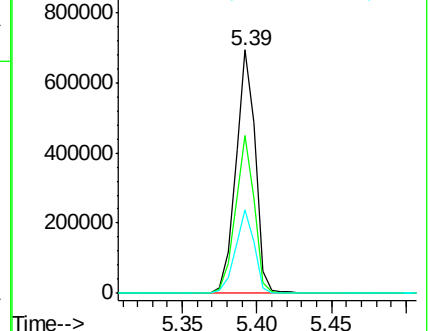
63 34.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.002 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

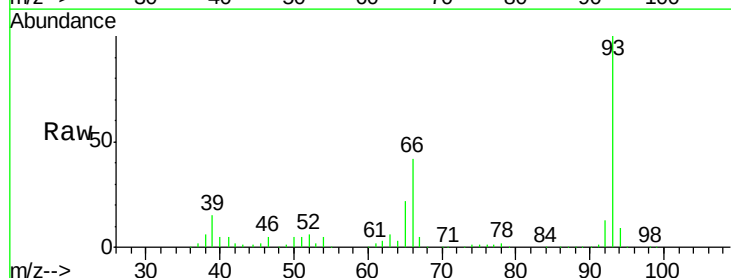
Tgt Ion: 93 Resp: 537172

Ion Ratio Lower Upper

93 100

66 41.7 32.2 48.2

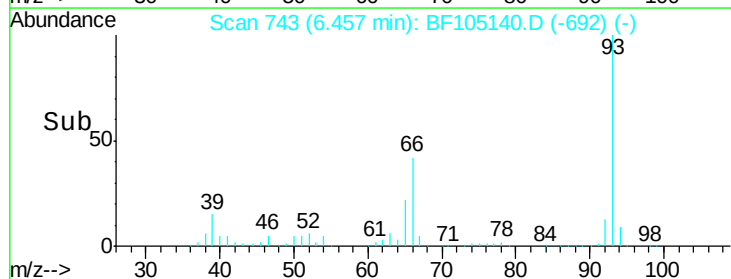
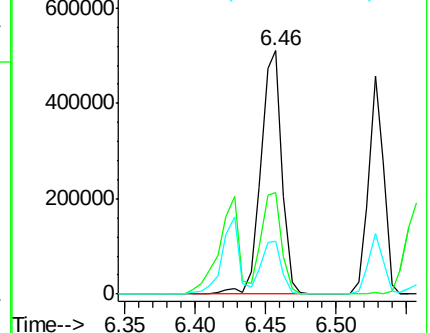
65 21.9 16.4 24.6

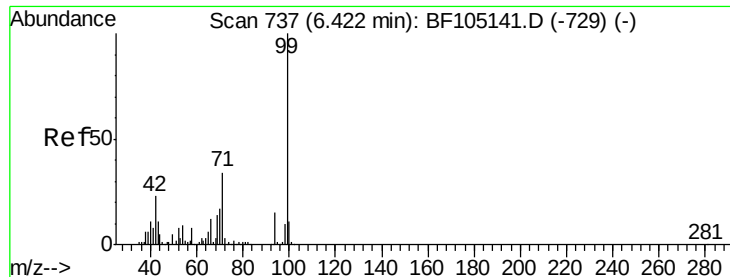


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 46.462 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

Instrument :

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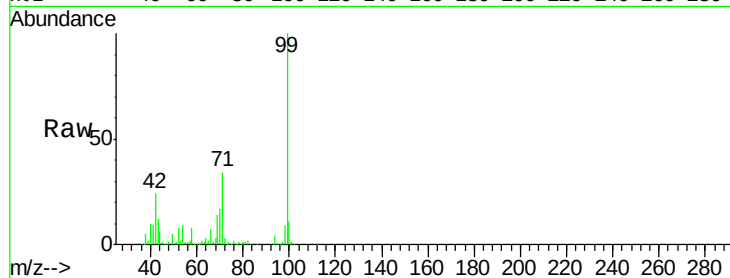
Tot Ion: 99 Resp: 748452

Ion Ratio Lower Upper

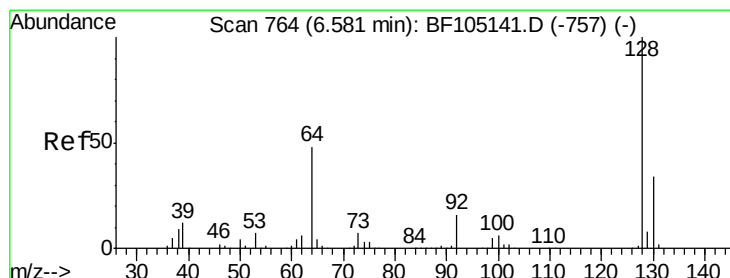
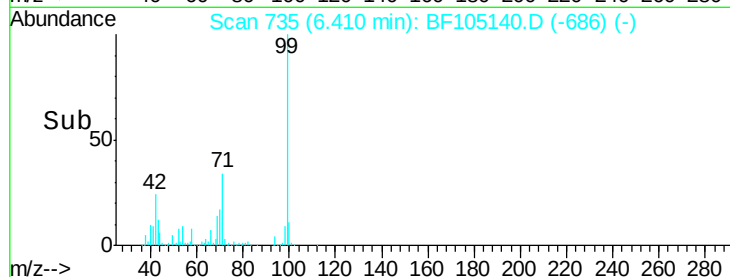
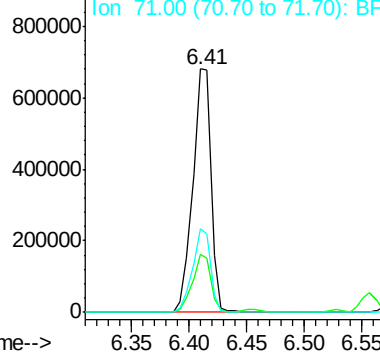
99 100

42 23.9 14.5 21.7#

71 34.2 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: 24.565 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

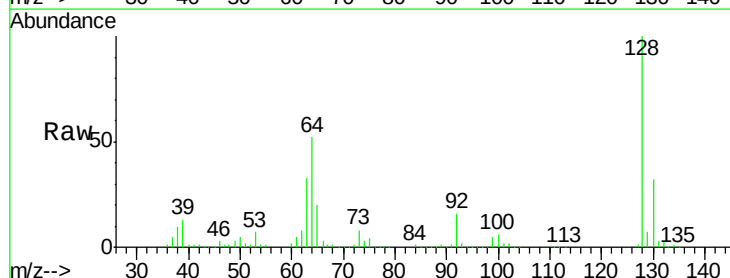
Tgt Ion: 128 Resp: 339930

Ion Ratio Lower Upper

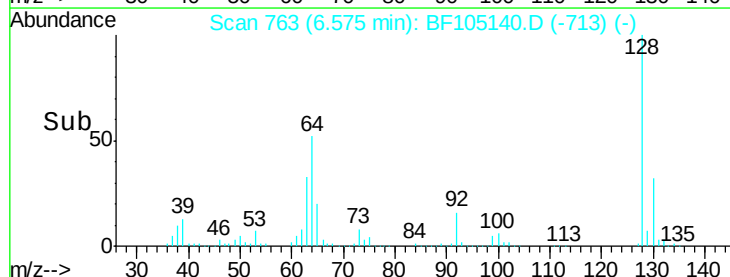
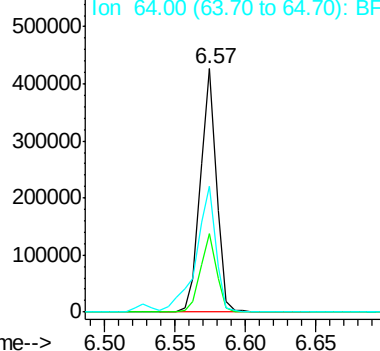
128 100

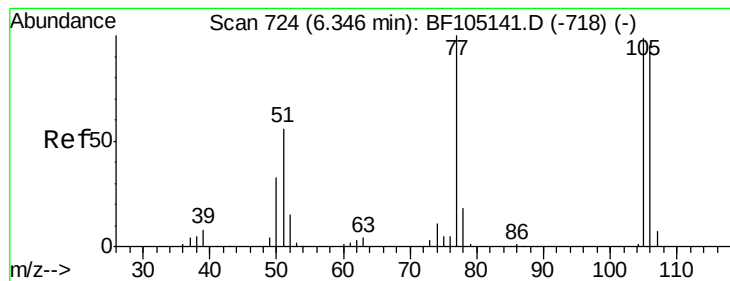
130 32.2 13.0 53.0

64 51.7 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: 36.722 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

Instrument :

BNA_F

ClientSampled :

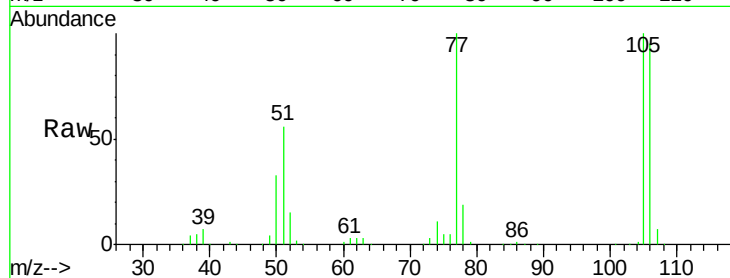
Tot Ion: 77 Resp: 295190

Ion Ratio Lower Upper

77 100

105 100.4 81.1 121.1

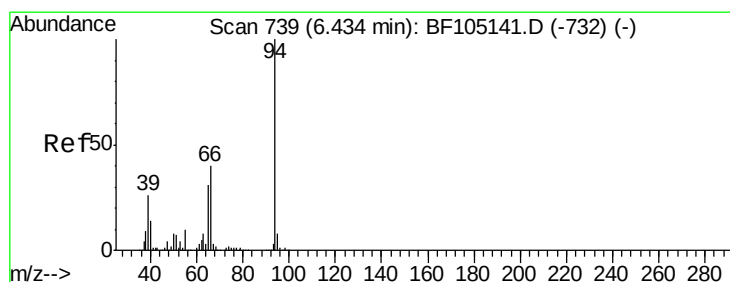
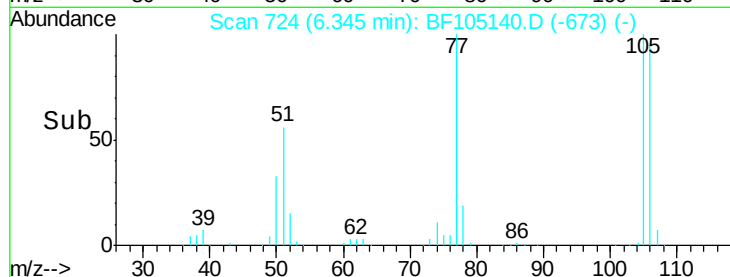
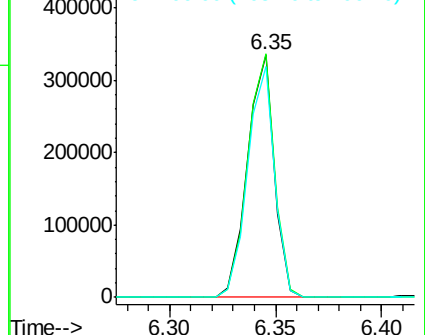
106 95.4 74.5 114.5



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: 24.398 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

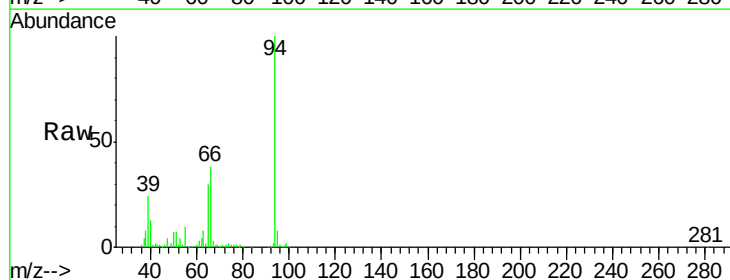
Tgt Ion: 94 Resp: 417013

Ion Ratio Lower Upper

94 100

65 29.5 7.9 47.9

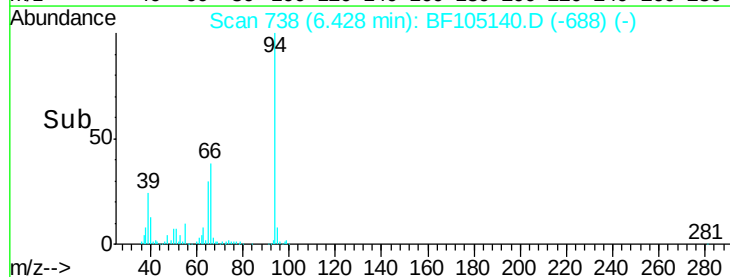
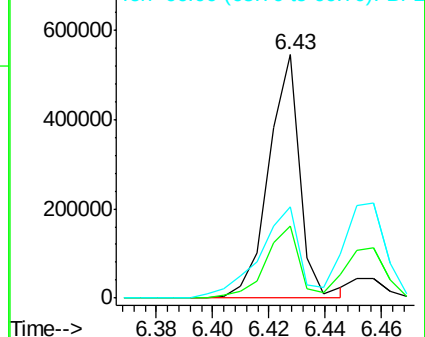
66 37.7 16.2 56.2

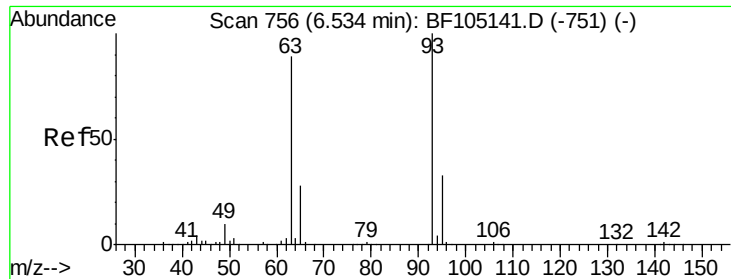


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 24.776 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

Instrument :

BNA_F

ClientSampleId :

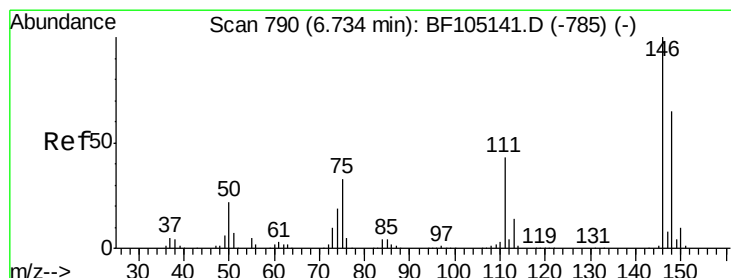
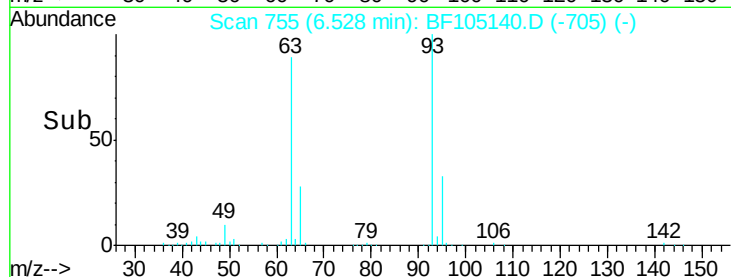
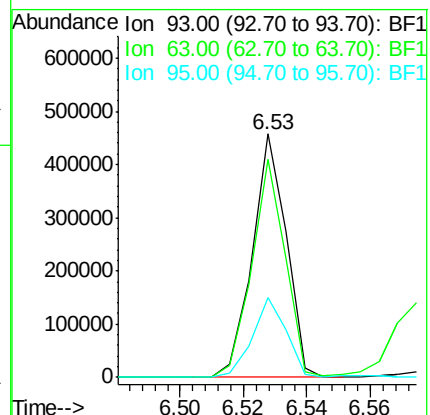
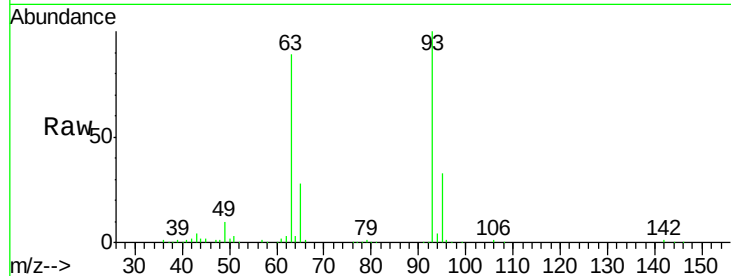
Tot Ion: 93 Resp: 337930

Ion Ratio Lower Upper

93 100

63 89.4 58.6 98.6

95 32.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 25.105 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

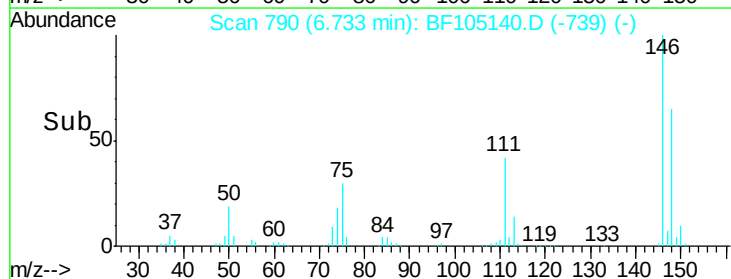
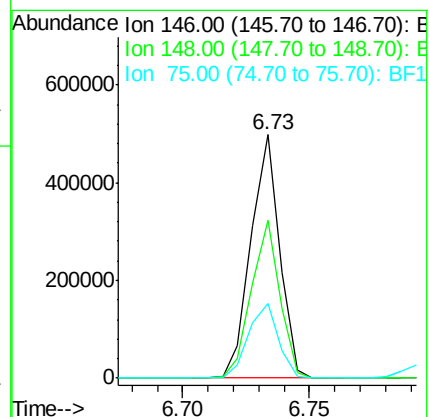
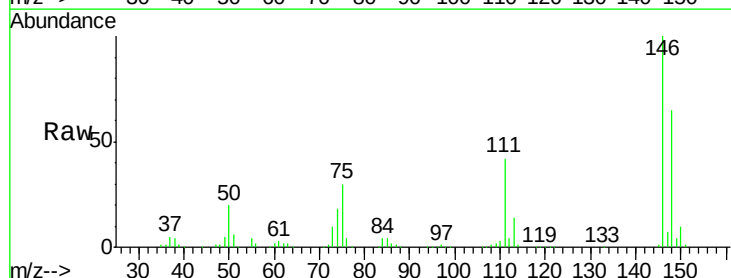
Tgt Ion: 146 Resp: 393577

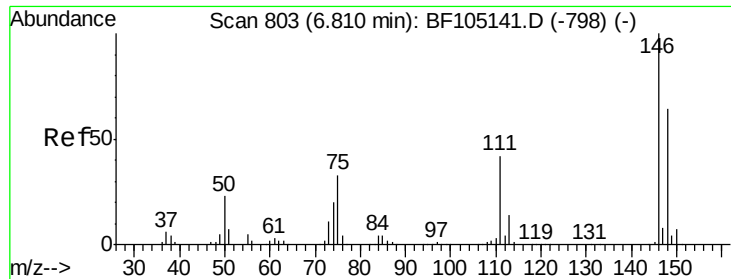
Ion Ratio Lower Upper

146 100

148 65.1 51.8 77.8

75 30.5 24.2 36.4

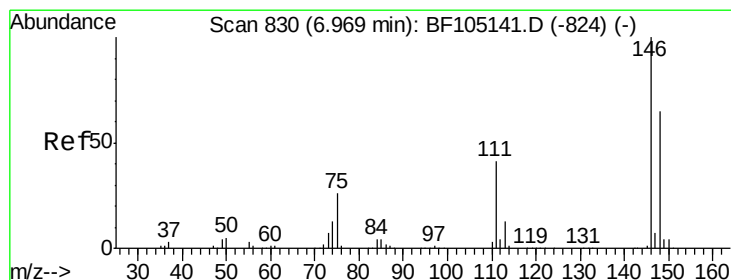
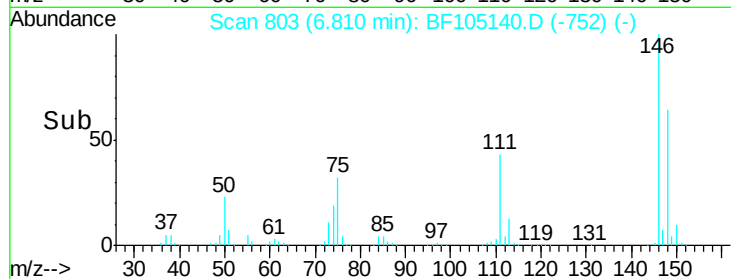
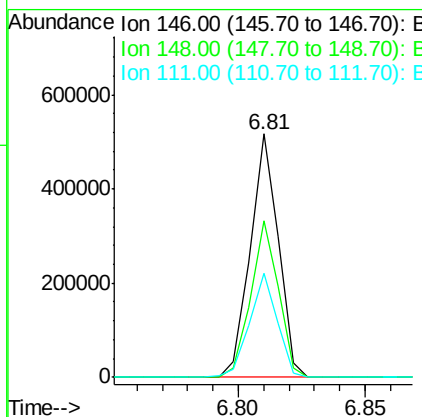
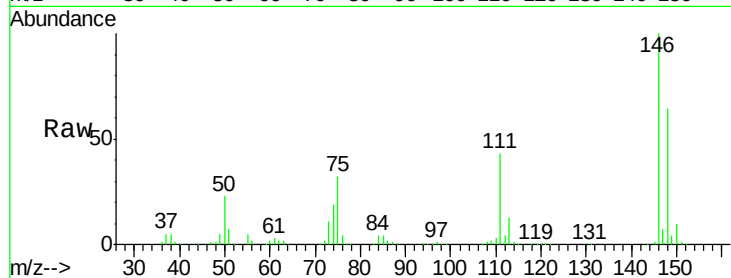




#13
 1,4-Dichlorobenzene
 Concen: 25.398 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF105140.D
 Acq: 8 May 2018 12:06

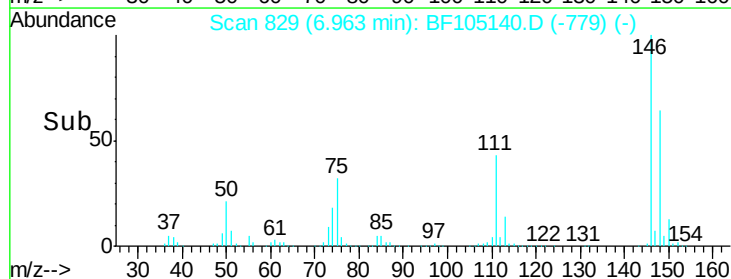
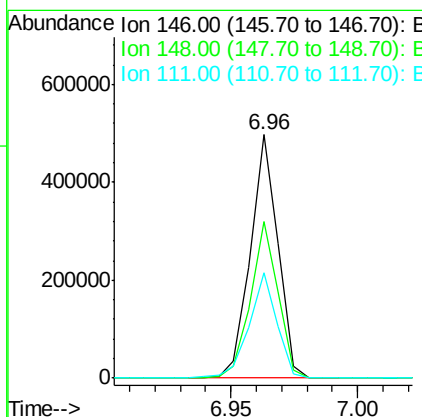
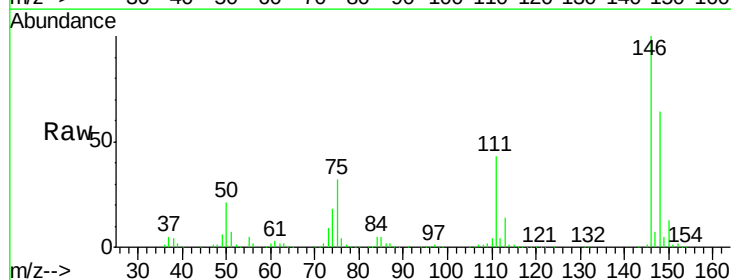
Instrument :
 BNA_F
 ClientSampleId :

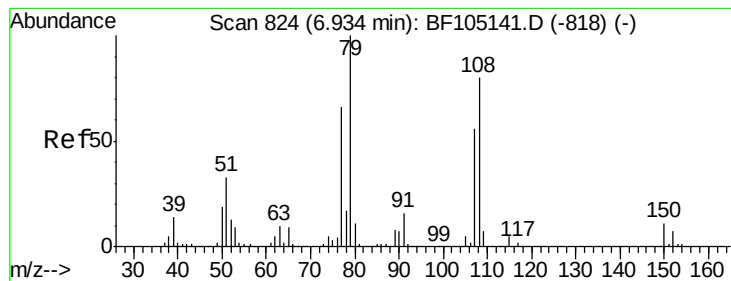
Tot Ion:146 Resp: 396910
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 42.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 25.862 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF105140.D
 Acq: 8 May 2018 12:06

Tgt Ion:146 Resp: 374526
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 43.1 36.0 54.0





#15

Benzyl Alcohol

Concen: 23.498 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

Instrument :

BNA_F

ClientSampled :

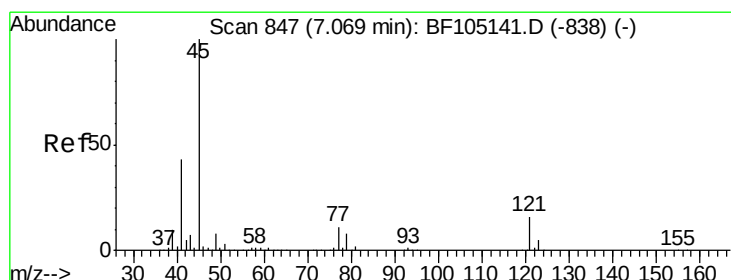
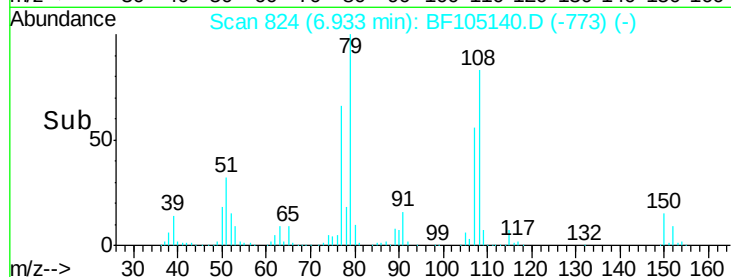
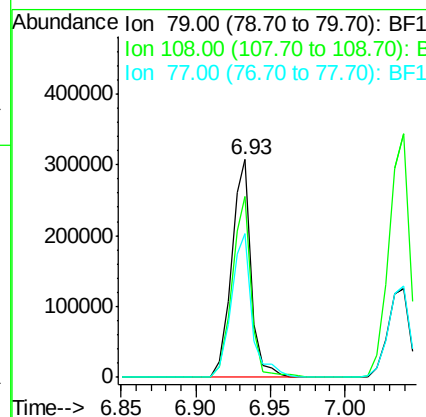
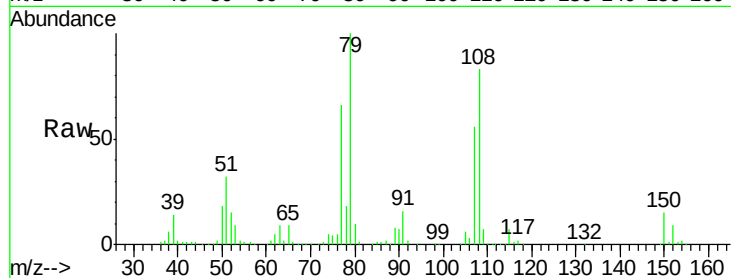
Tot Ion: 79 Resp: 287500

Ion Ratio Lower Upper

79 100

108 82.9 65.1 97.7

77 66.2 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.509 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

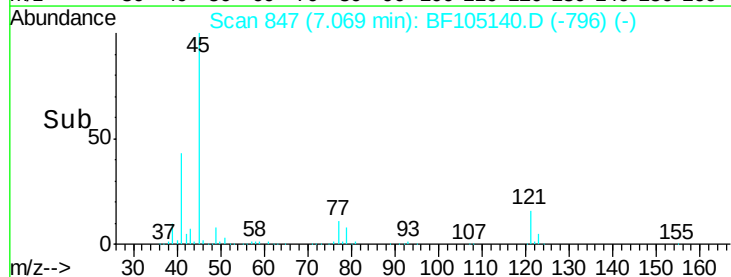
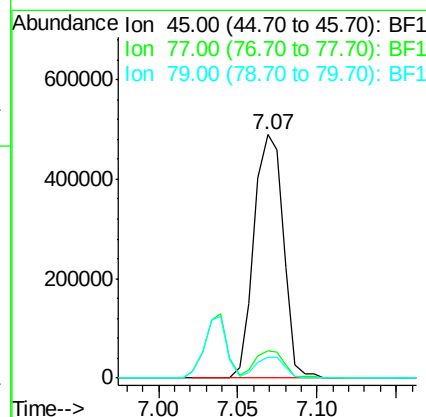
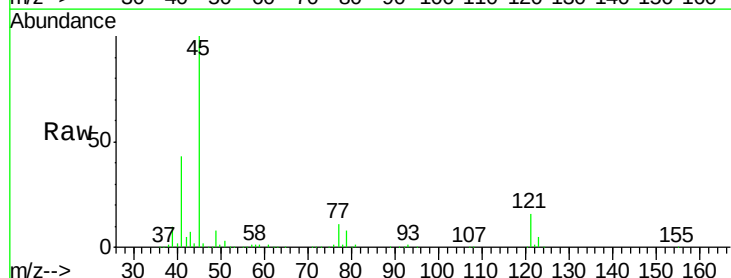
Tgt Ion: 45 Resp: 632120

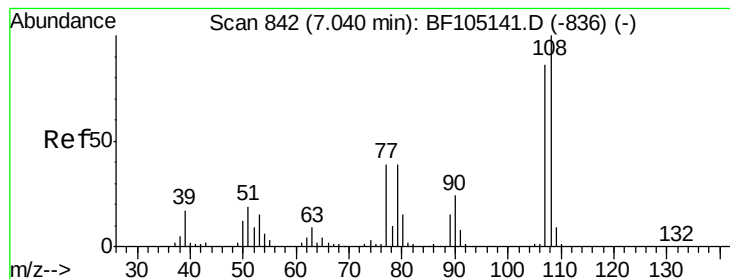
Ion Ratio Lower Upper

45 100

77 11.4 0.0 32.9

79 8.4 0.0 29.6

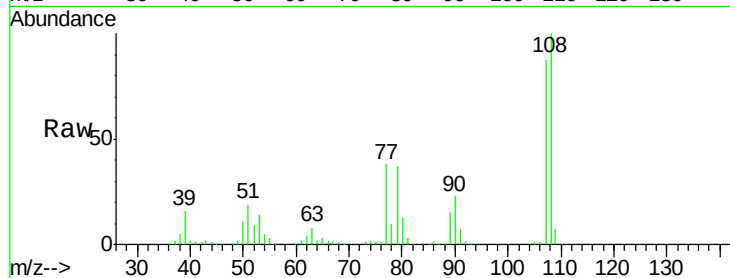




#17
2-Methylphenol
Concen: 23.884 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.1	91.7	137.5
77	43.4	33.8	50.8
79	42.1	33.8	50.8



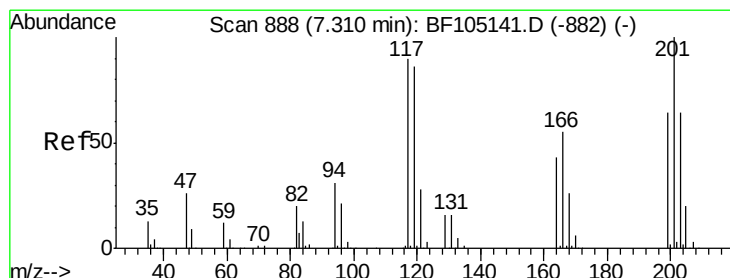
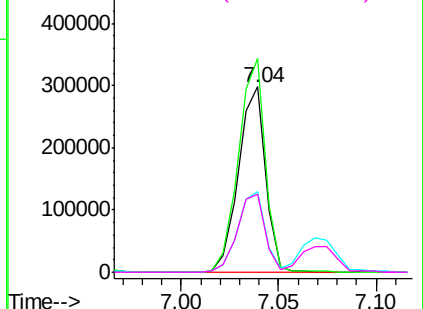
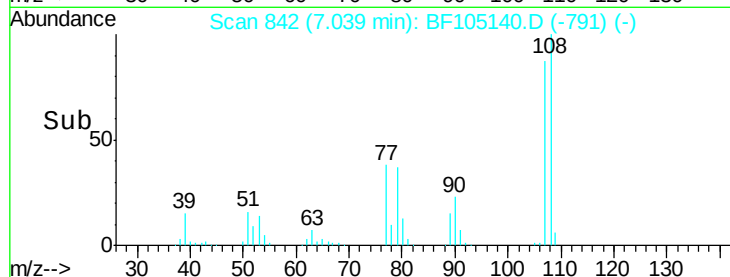
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

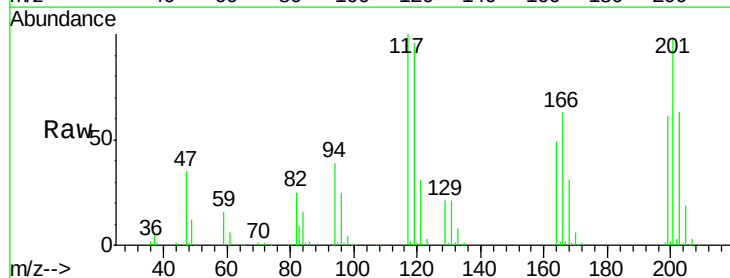
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 22.753 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.8
201	98.3	75.7	113.5

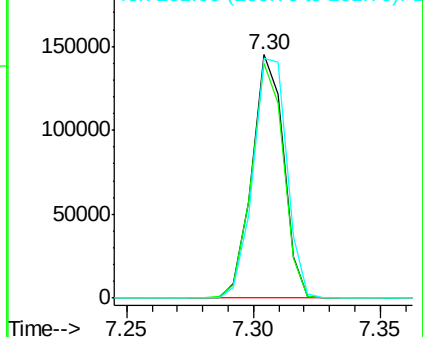
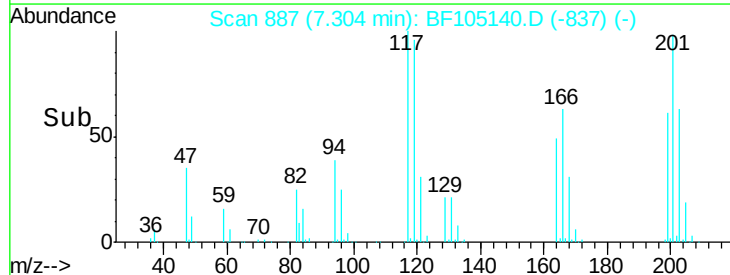


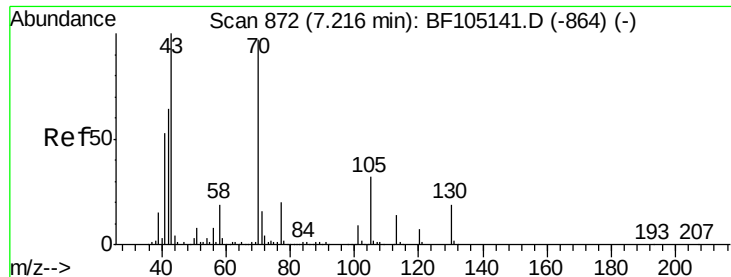
Abundance

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

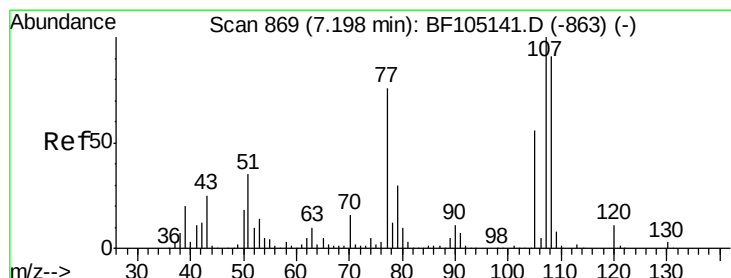
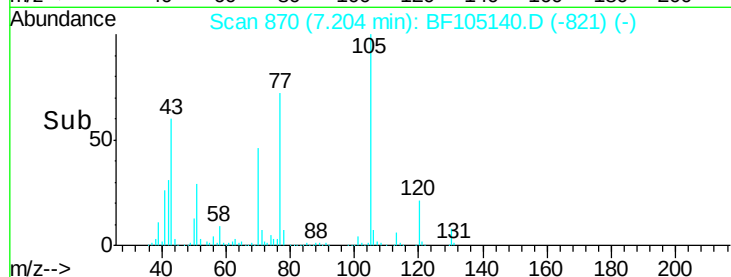
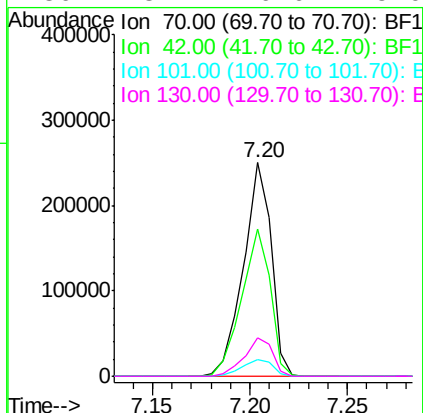
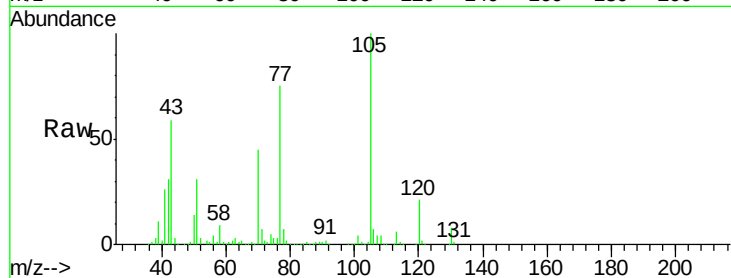




#19
n-Nitroso-di-n-propylamine
Concen: 23.583 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

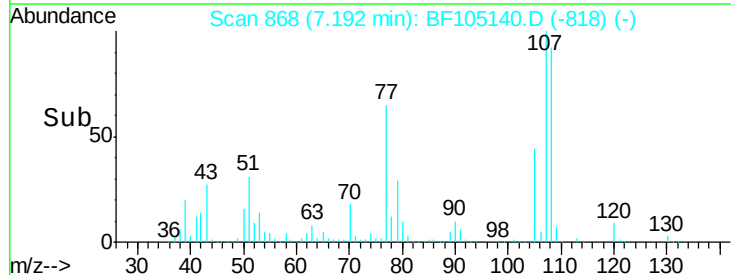
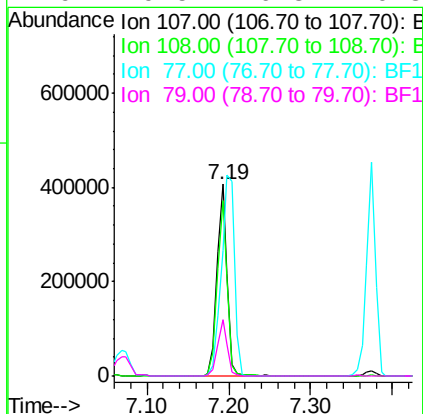
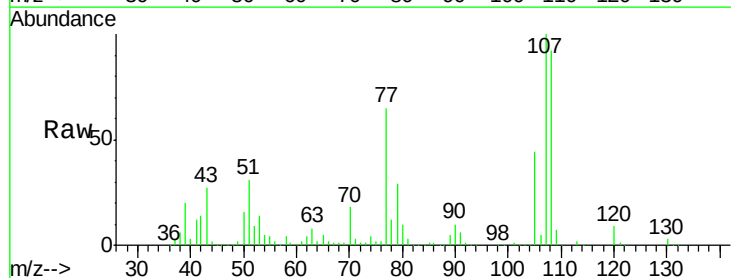
Instrument :
BNA_F
ClientSampleId :

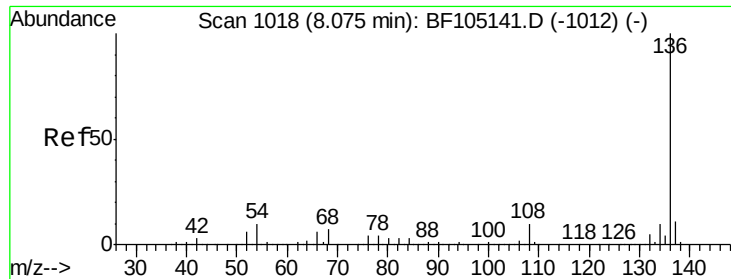
Tot Ion:	70	Resp:	248249
Ion	Ratio	Lower	Upper
70	100		
42	69.0	47.5	71.3
101	7.9	7.4	11.2
130	18.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 23.756 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

Tgt Ion:	107	Resp:	354408
Ion	Ratio	Lower	Upper
107	100		
108	91.6	68.2	108.2
77	65.3	26.7	66.7
79	29.5	6.3	46.3

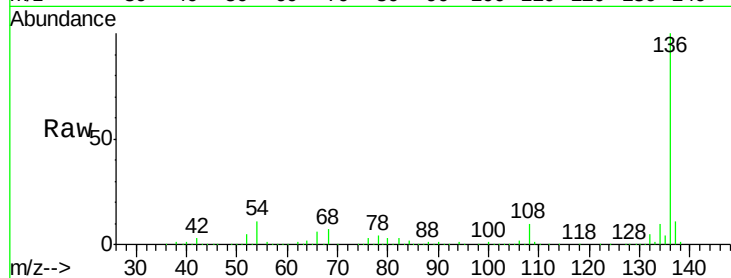




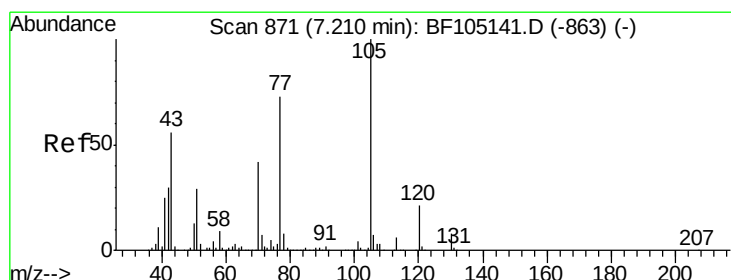
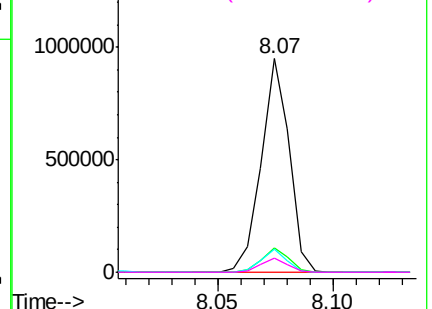
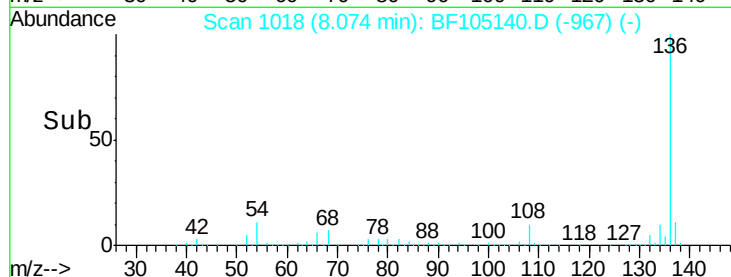
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	802335
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.9	13.3
54 10.5	6.6	9.8#
68 6.8	5.0	7.4

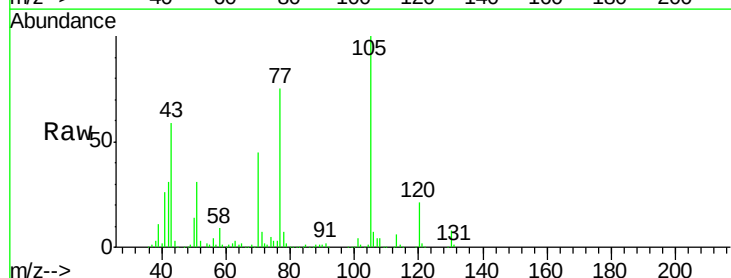


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

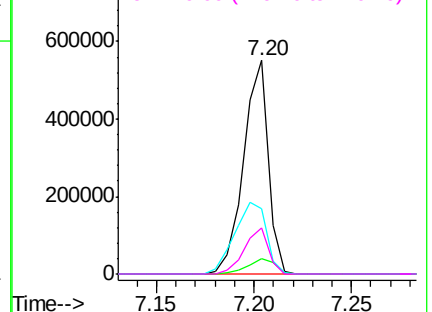
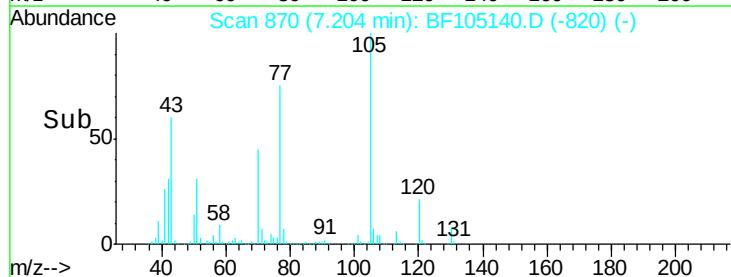


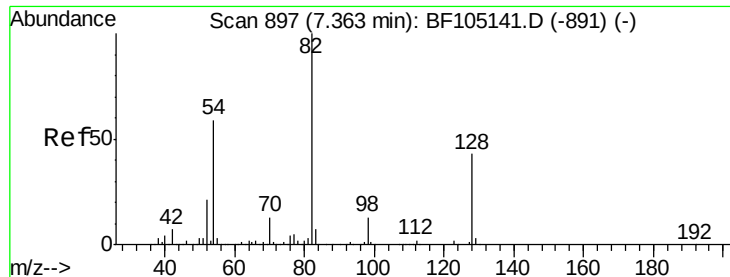
#22
Acetophenone
Concen: 24.450 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

Tgt Ion:105	Resp:	482969
Ion Ratio	Lower	Upper
105 100		
71 7.3	4.4	6.6#
51 30.8	22.3	33.5
120 21.4	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

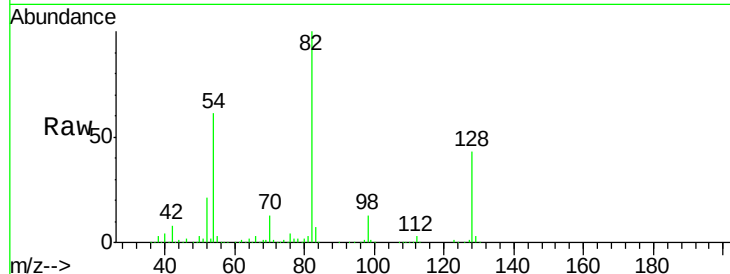




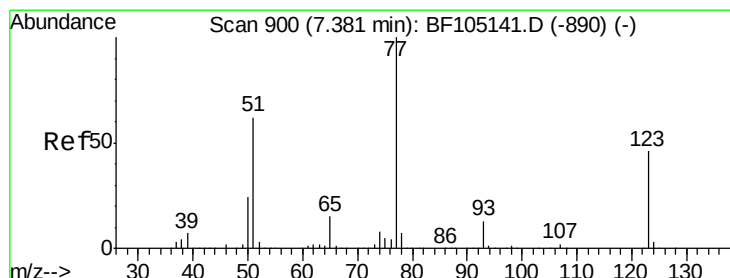
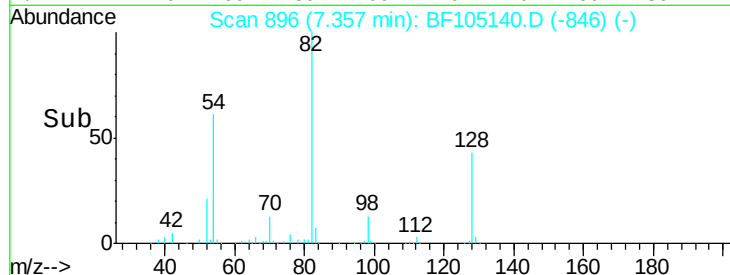
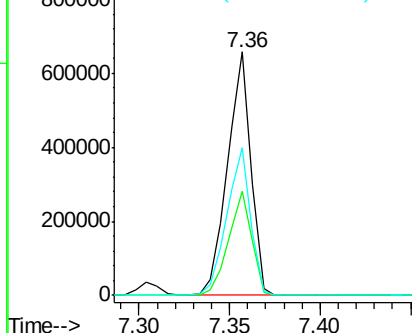
#23
Nitrobenzene-d5
Concen: 48.169 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	591862
Ion Ratio	Lower	Upper	
82	100		
128	42.8	36.1	54.1
54	60.8	41.4	62.2

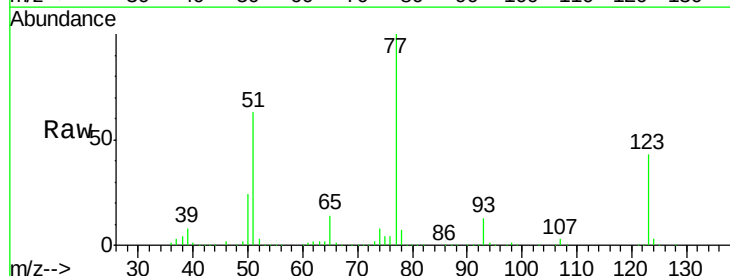


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

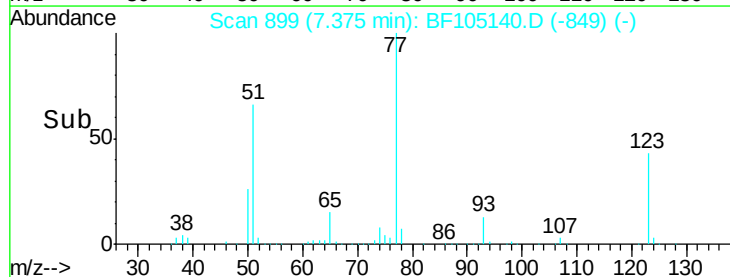
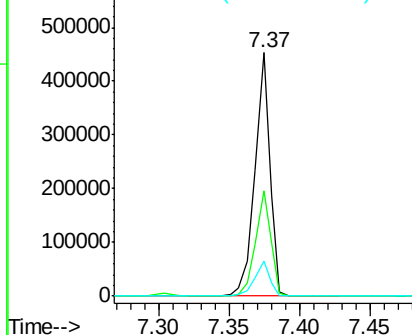


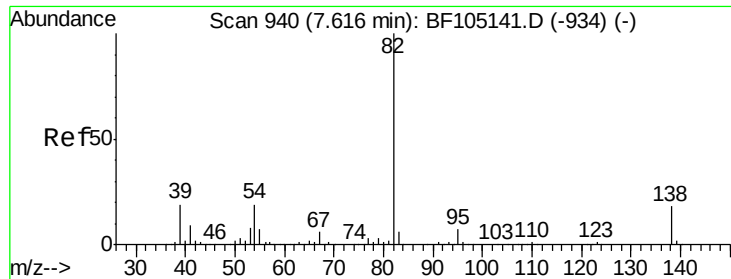
#24
Nitrobenzene
Concen: 25.248 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

Tgt Ion	77	Resp	342515
Ion Ratio	Lower	Upper	
77	100		
123	43.3	37.9	56.9
65	14.4	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: 26.046 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

Instrument :

BNA_F

ClientSampleId :

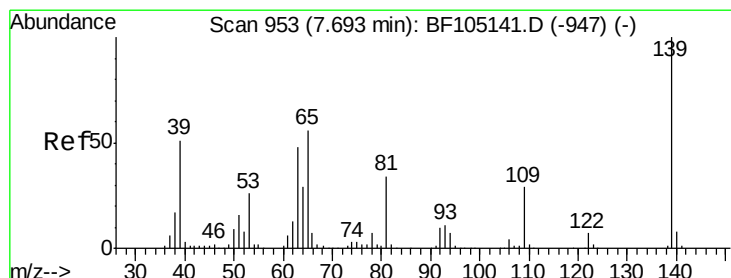
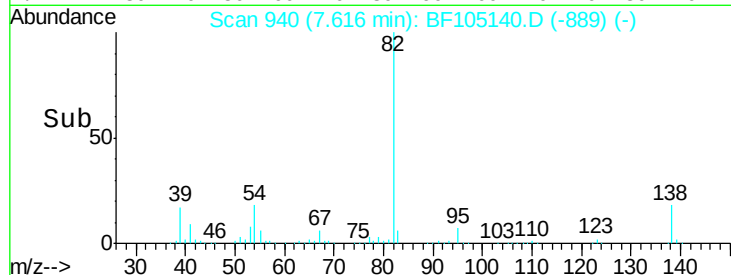
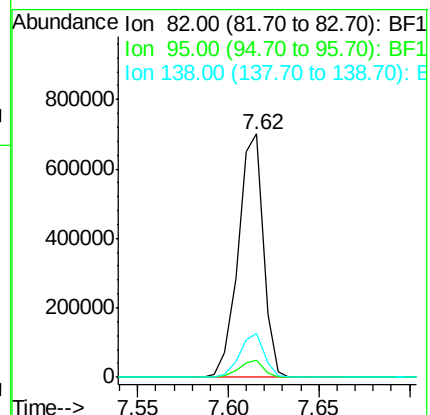
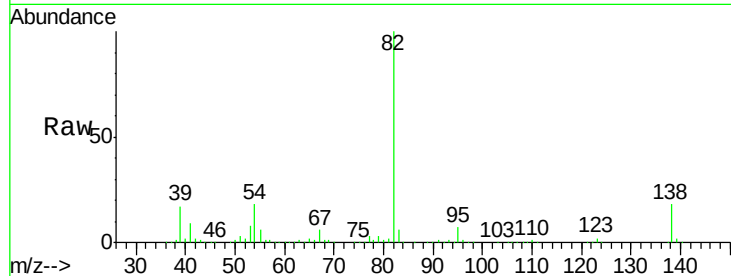
Tot Ion: 82 Resp: 676754

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 18.2 14.9 22.3



#26

2-Nitrophenol

Concen: 15.695 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

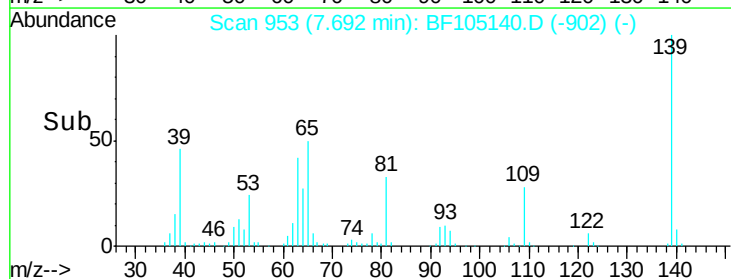
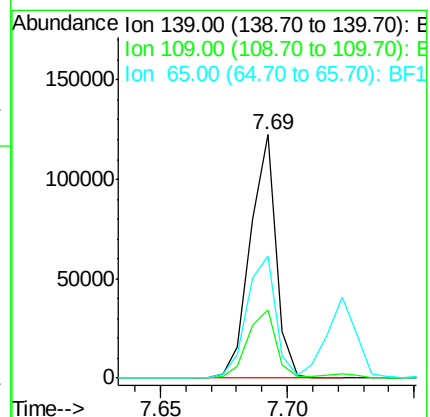
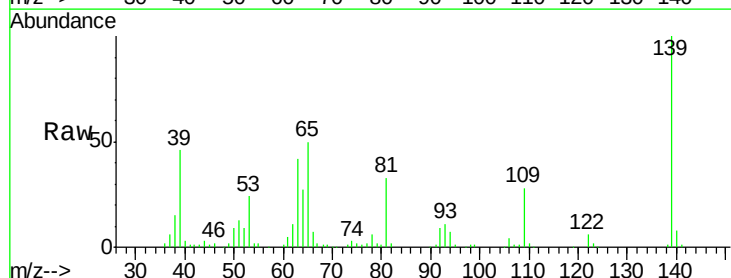
Tgt Ion: 139 Resp: 86682

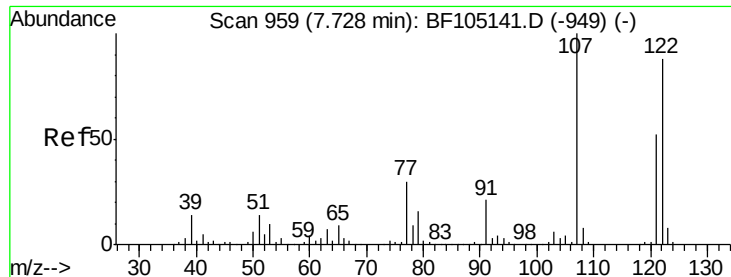
Ion Ratio Lower Upper

139 100

109 28.1 22.7 34.1

65 50.1 40.5 60.7

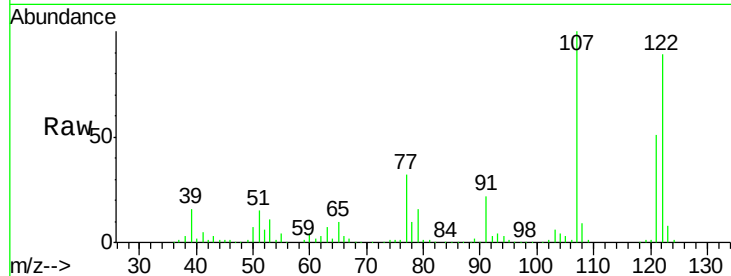




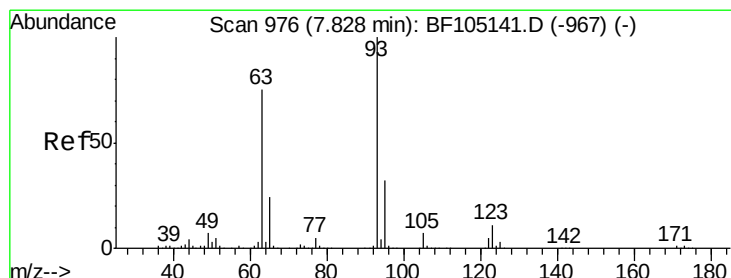
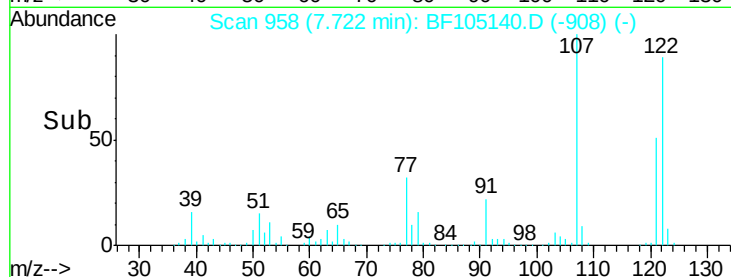
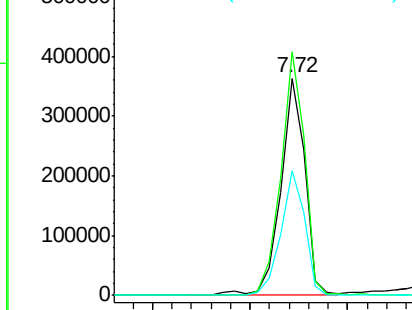
#27
 2,4-Dimethylphenol
 Concen: 27.173 ng
 RT: 7.72 min Scan# 958
 Delta R.T. -0.01 min
 Lab File: BF105140.D
 Acq: 8 May 2018 12:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 311599
 Ion Ratio Lower Upper
 122 100
 107 112.3 91.2 136.8
 121 57.8 47.2 70.8

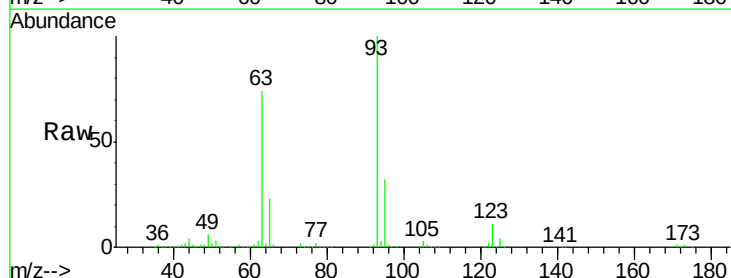


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

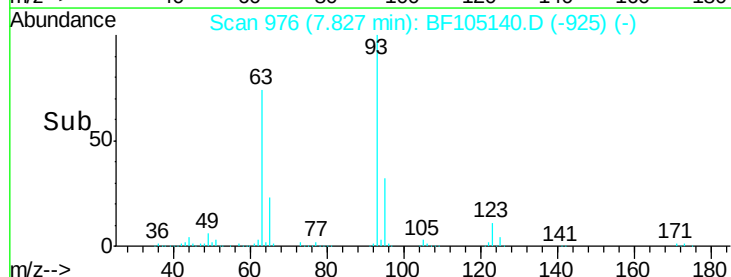
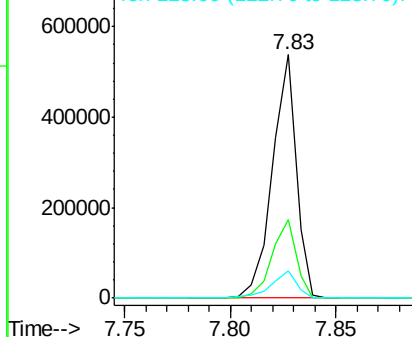


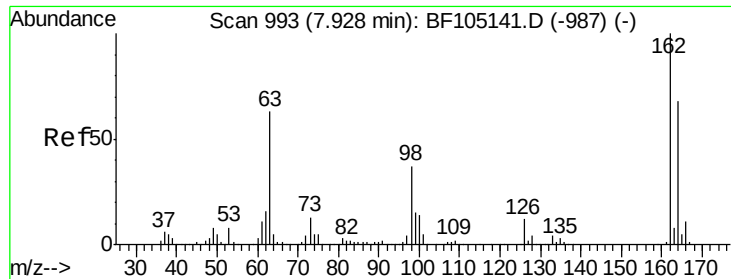
#28
 bis(2-Chloroethoxy)methane
 Concen: 26.638 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF105140.D
 Acq: 8 May 2018 12:06

Tgt Ion: 93 Resp: 423181
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.3 39.5
 123 11.1 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

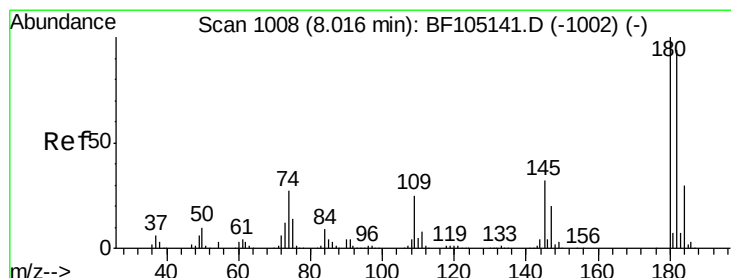
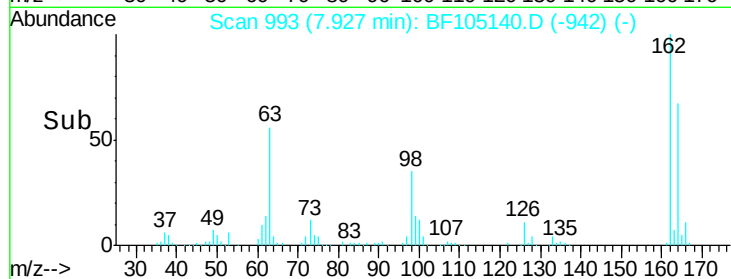
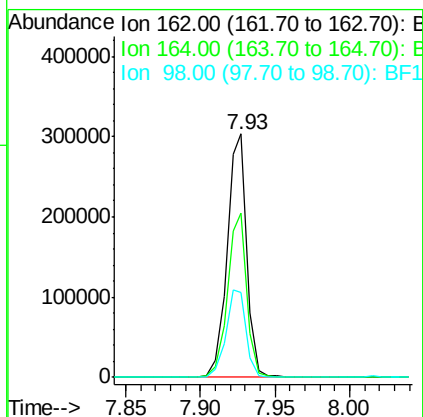
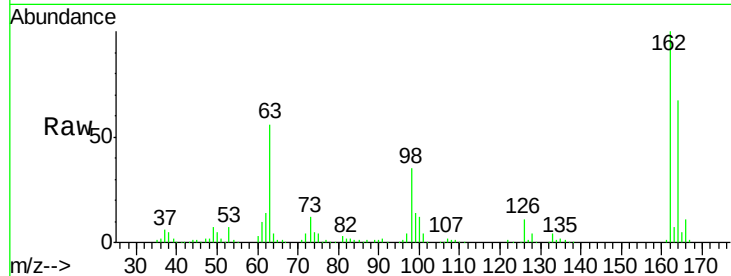




#29
 2,4-Dichlorophenol
 Concen: 25.957 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF105140.D
 Acq: 8 May 2018 12:06

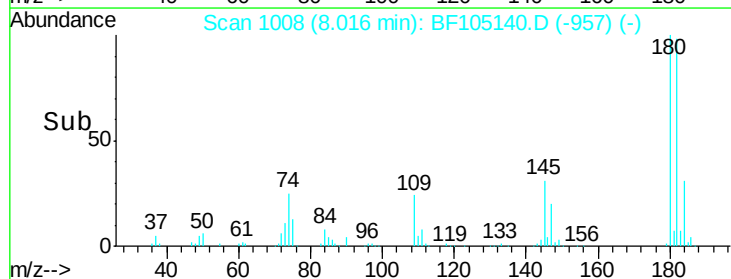
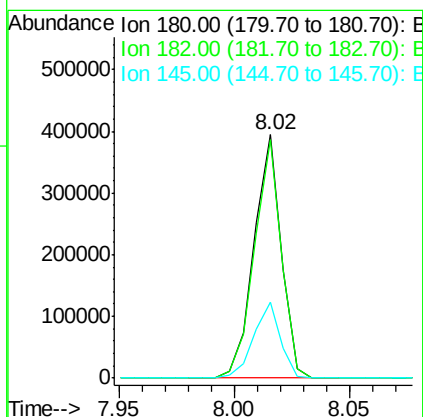
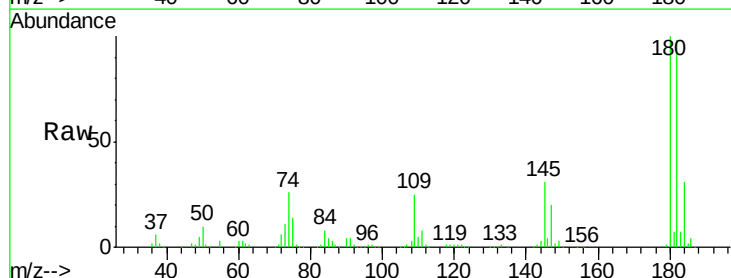
Instrument :
 BNA_F
 ClientSampleId :

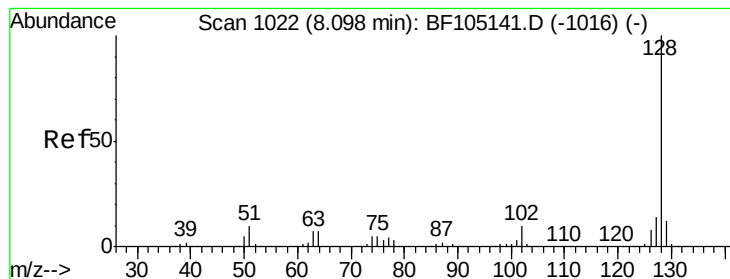
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.3	42.7	82.7
98	35.0	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 27.076 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF105140.D
 Acq: 8 May 2018 12:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	76.8	115.2
145	31.4	26.5	39.7





#31

Naphthalene

Concen: 25.044 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

Instrument :

BNA_F

ClientSampleId :

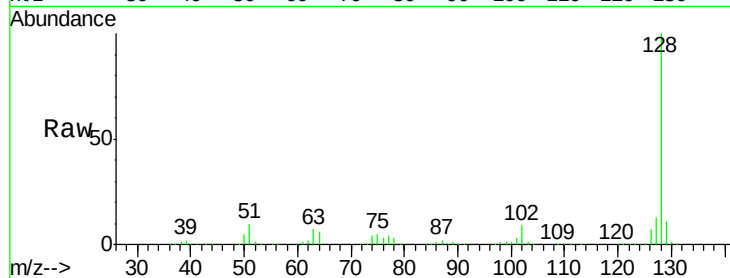
Tot Ion:128 Resp: 1000553

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

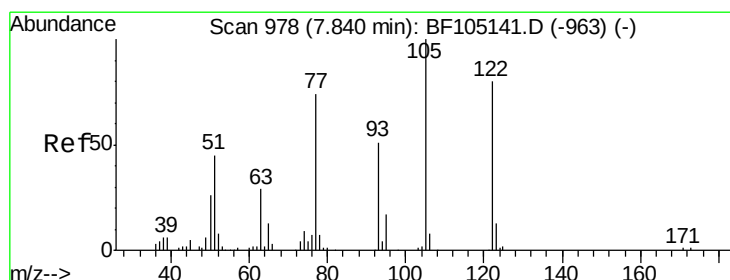
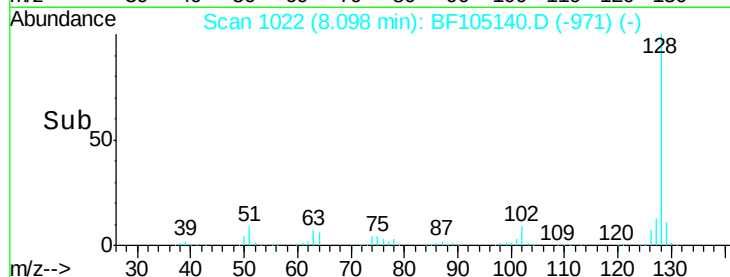
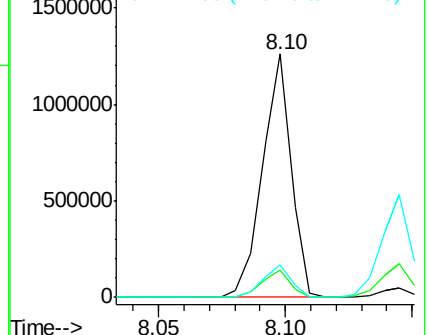
127 13.3 10.9 16.3



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: 10.129 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.02 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

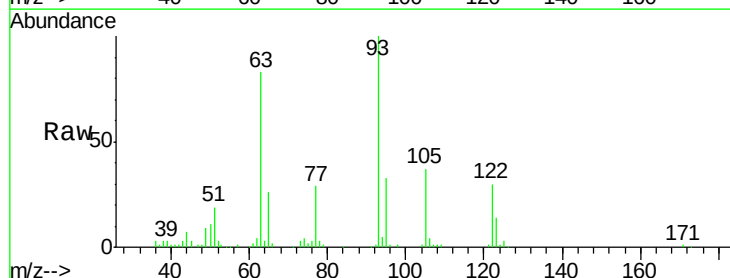
Tgt Ion:122 Resp: 92680

Ion Ratio Lower Upper

122 100

105 124.7 101.1 141.1

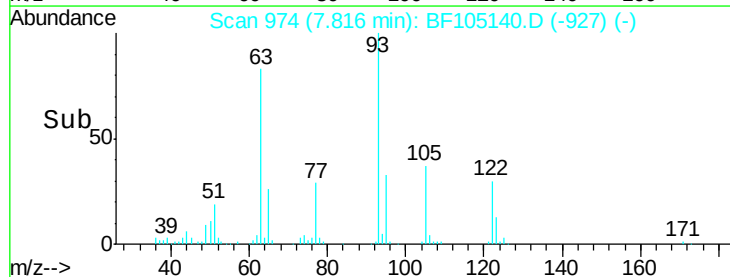
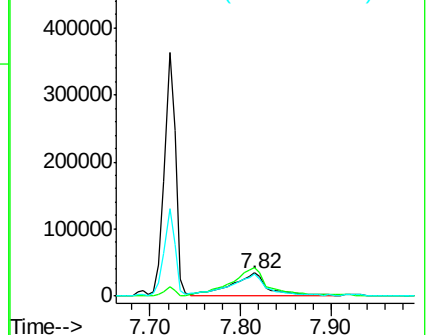
77 95.9 70.7 110.7

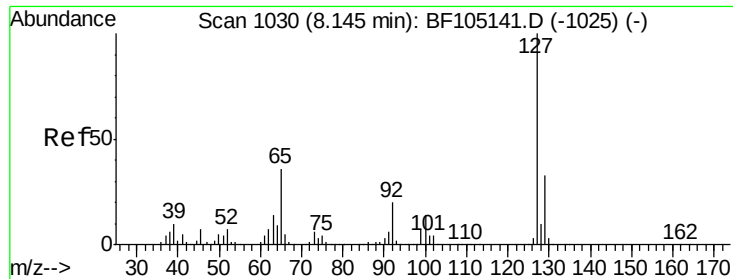


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

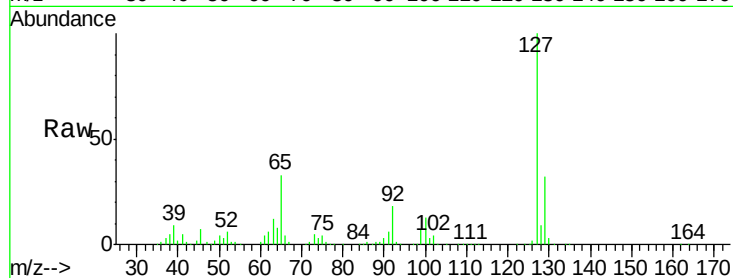




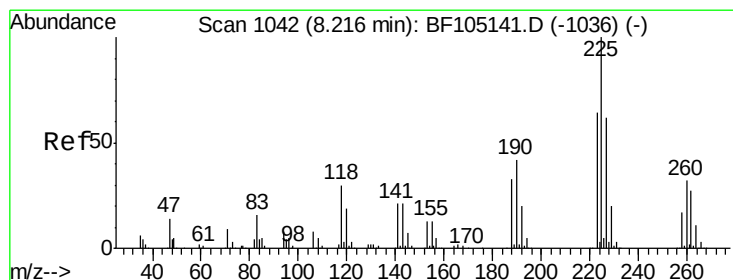
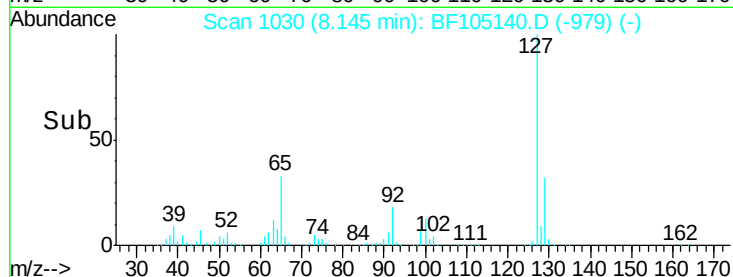
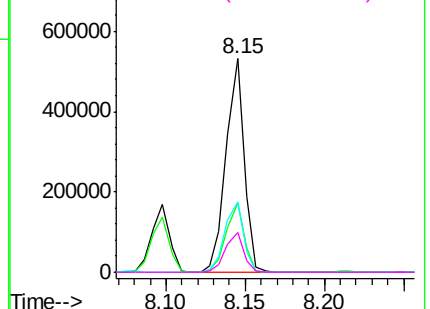
#33
4-Chloroaniline
Concen: 24.742 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	423489
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	32.9	25.0	37.4
92	18.5	15.2	22.8

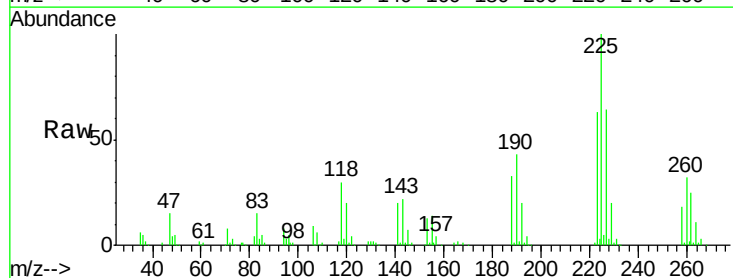


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

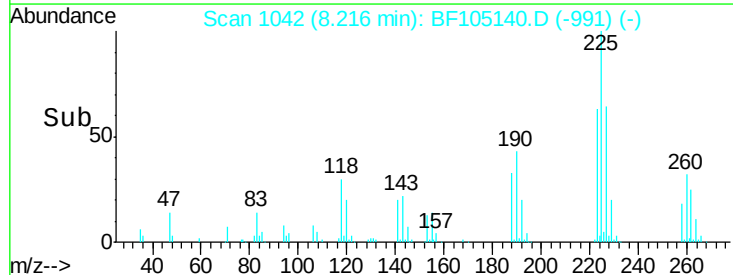
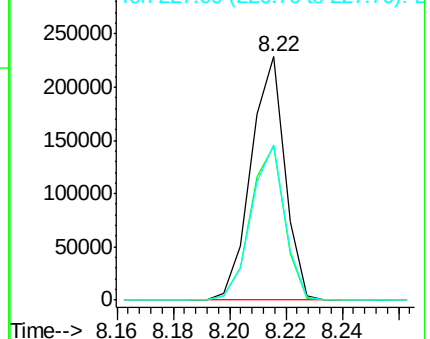


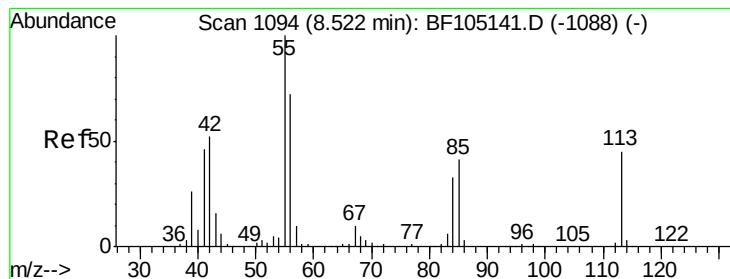
#34
Hexachlorobutadiene
Concen: 28.898 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

Tgt Ion:	225	Resp:	190068
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	63.8	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 21.759 ng

RT: 8.50 min Scan# 1091

Delta R.T. -0.02 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

Instrument :

BNA_F

ClientSampleId :

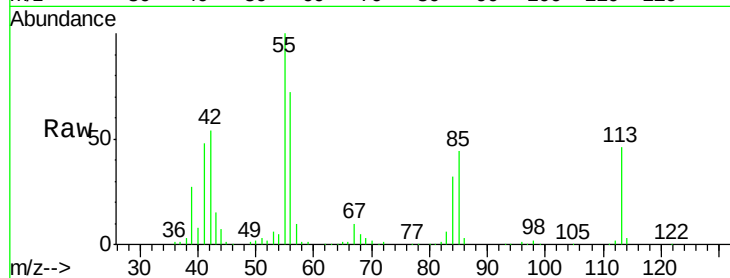
Tot Ion:113 Resp: 83053

Ion Ratio Lower Upper

113 100

55 216.3 163.3 203.3#

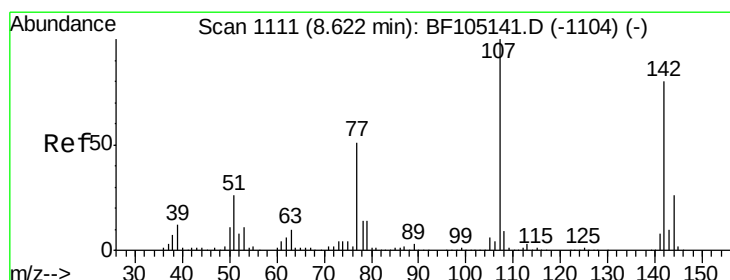
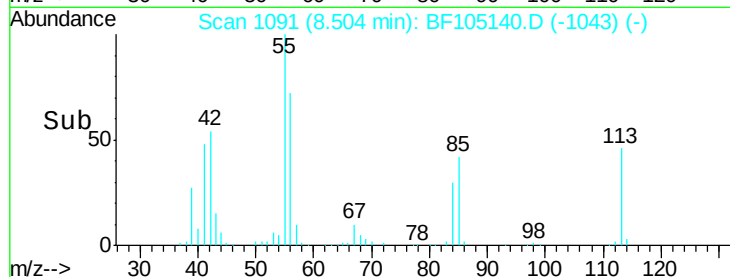
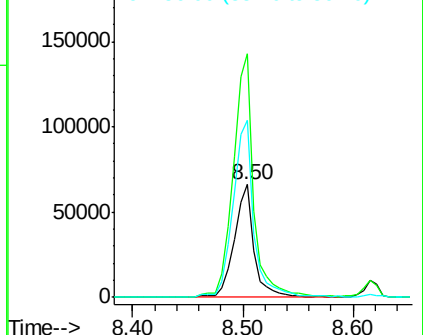
56 156.8 115.7 155.7#



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: 25.253 ng

RT: 8.62 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

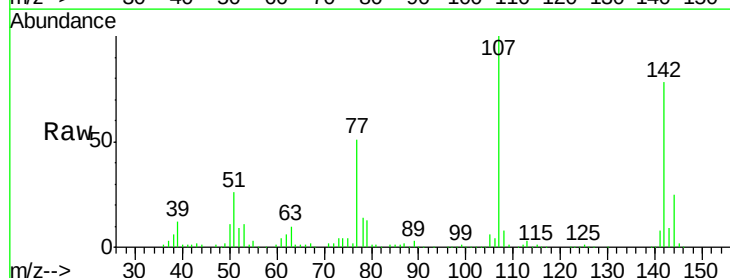
Tgt Ion:107 Resp: 296273

Ion Ratio Lower Upper

107 100

144 24.8 20.5 30.7

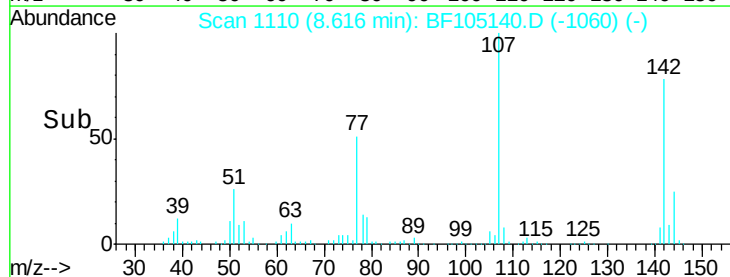
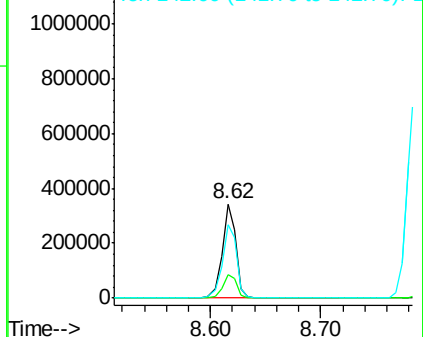
142 78.3 62.0 93.0

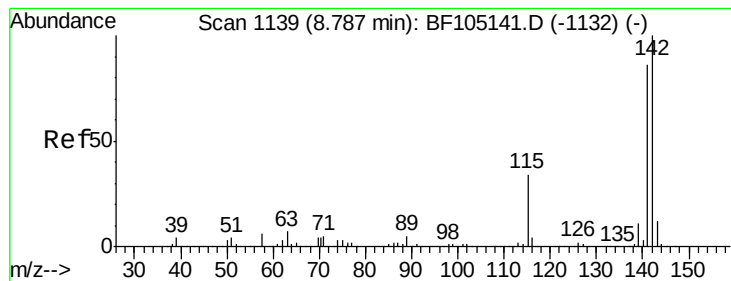


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 27.385 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

Instrument :

BNA_F

ClientSampled :

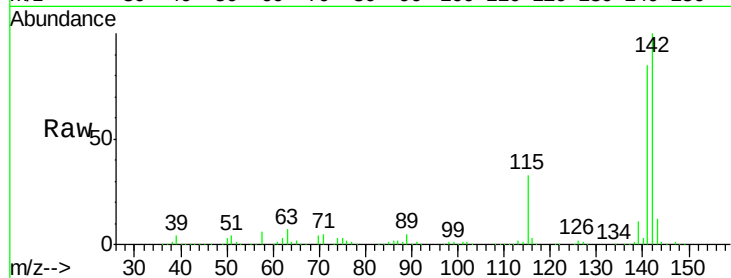
Tot Ion:142 Resp: 707696

Ion Ratio Lower Upper

142 100

141 84.8 70.8 106.2

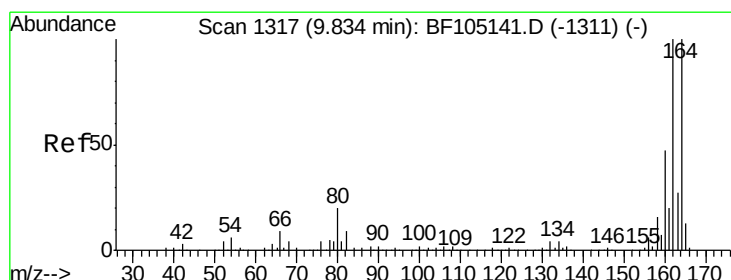
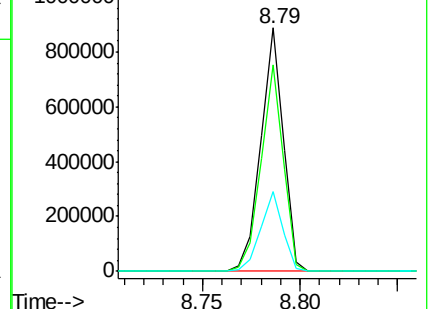
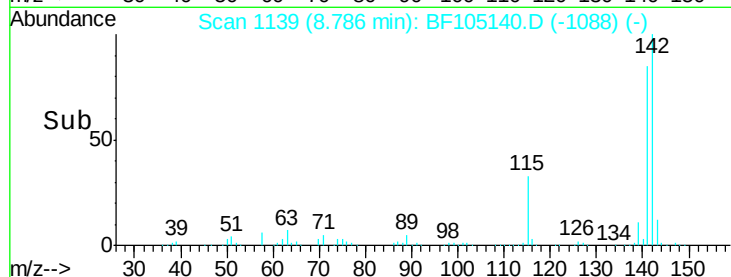
115 32.6 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

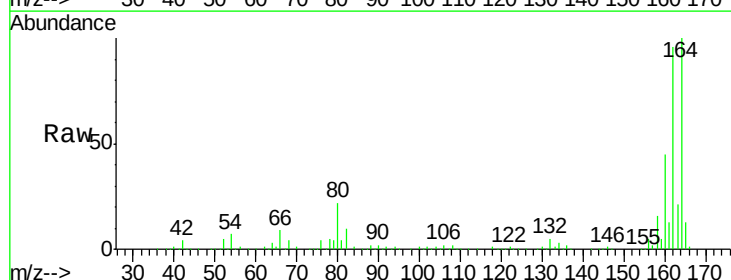
Tgt Ion:164 Resp: 396320

Ion Ratio Lower Upper

164 100

162 96.4 86.1 129.1

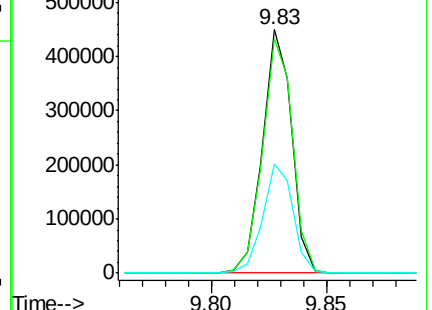
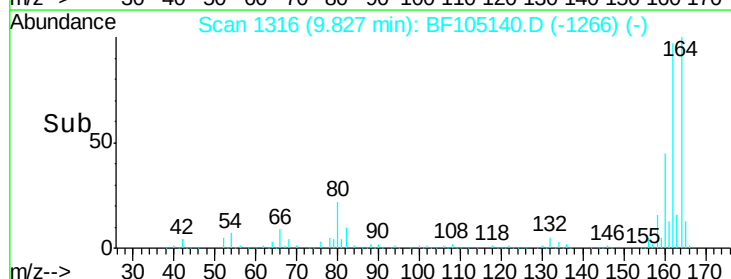
160 44.6 38.3 57.5

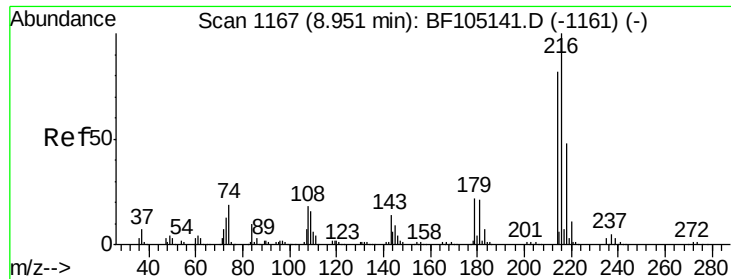


Abundance Ion 164.00 (163.70 to 164.70): E

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: 29.177 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 331017

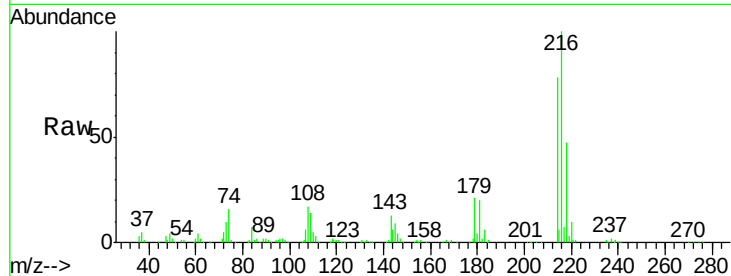
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 21.0 18.1 27.1

108 18.6 17.2 25.8

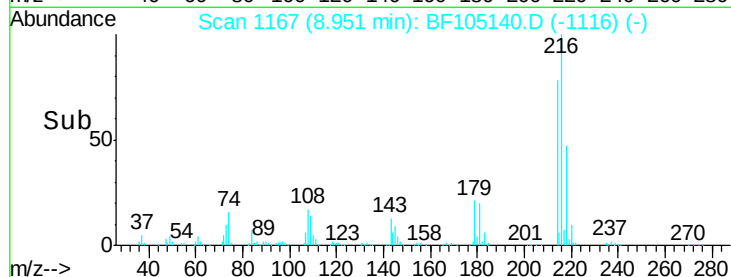


Abundance Ion 216.00 (215.70 to 216.70): E

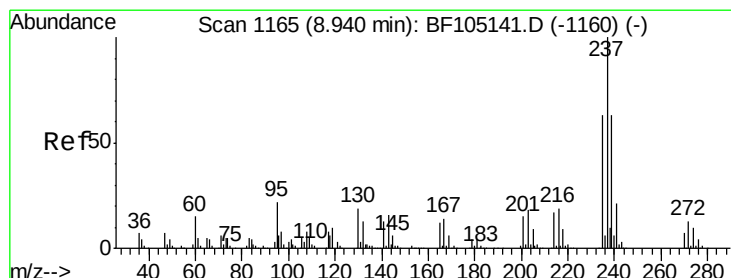
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 25.618 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

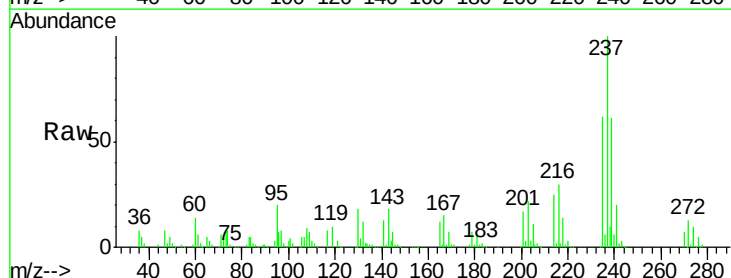
Tgt Ion:237 Resp: 162705

Ion Ratio Lower Upper

237 100

235 61.5 44.8 84.8

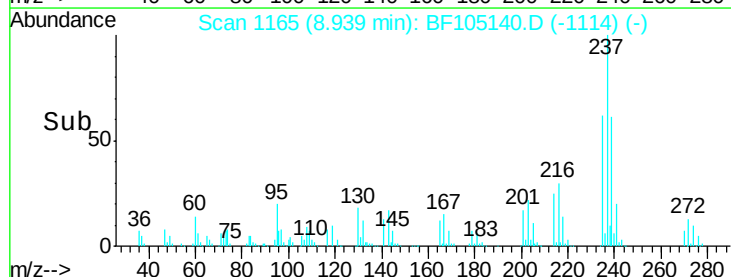
272 12.9 0.0 33.3



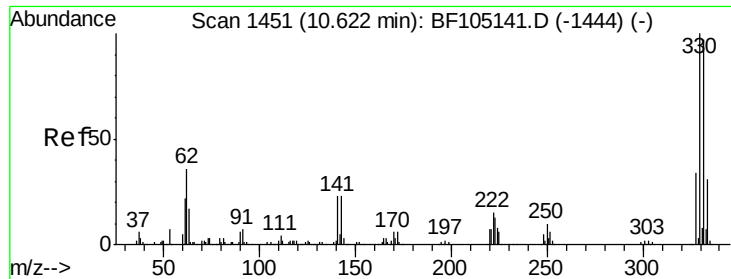
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



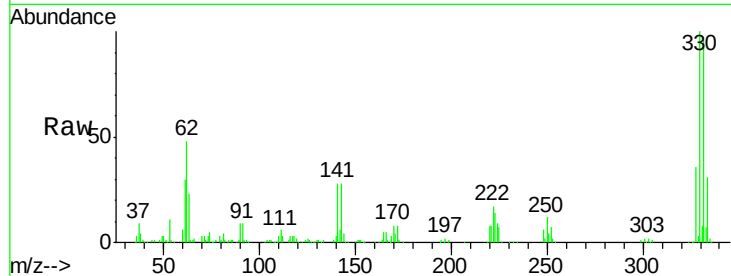
Time-->



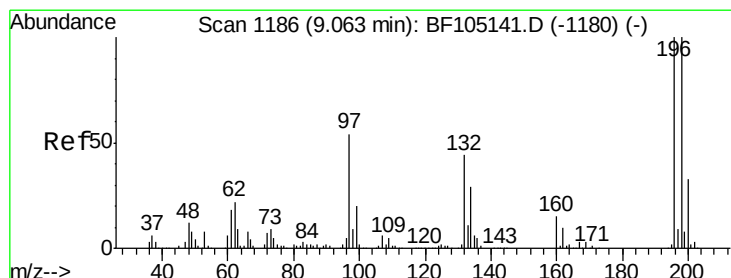
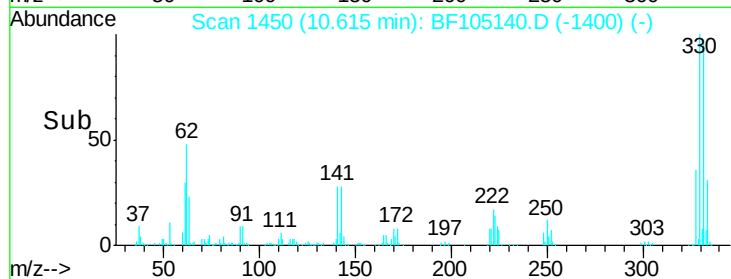
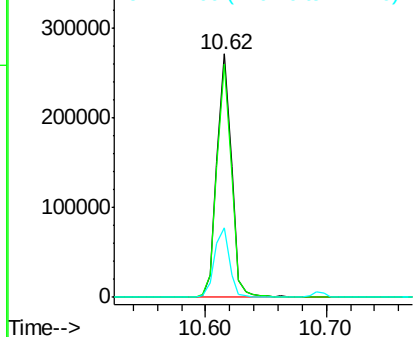
#41
 2,4,6-Tribromophenol
 Concen: 54.424 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF105140.D
 Acq: 8 May 2018 12:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	29.8	29.9	44.9#

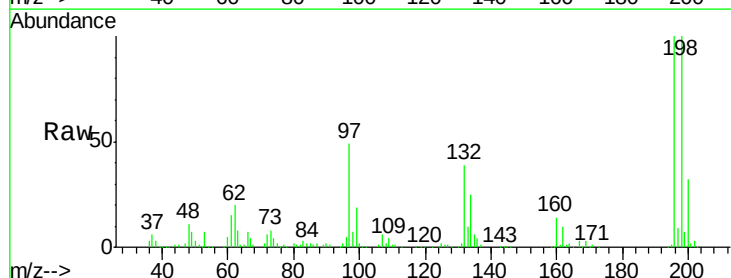


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

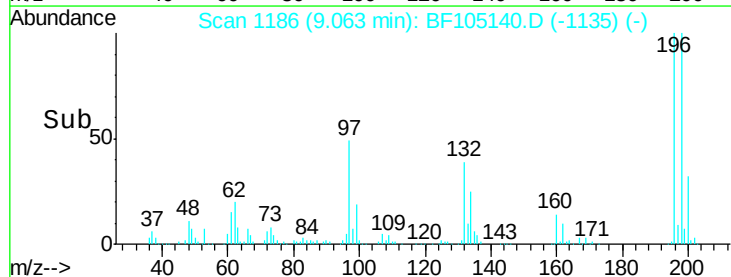
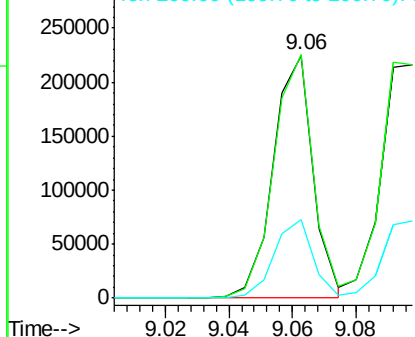


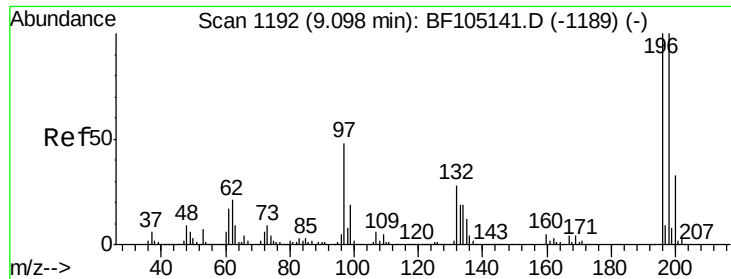
#42
 2,4,6-Trichlorophenol
 Concen: 24.993 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF105140.D
 Acq: 8 May 2018 12:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.3	75.7	113.5
200	32.4	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

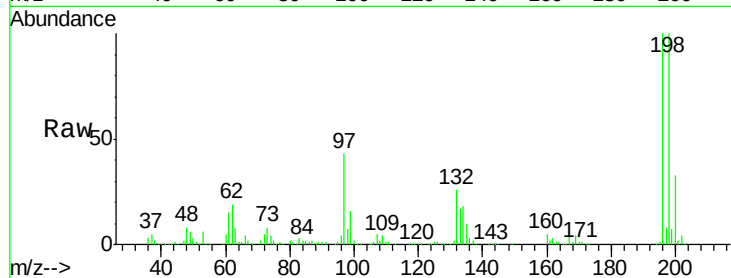




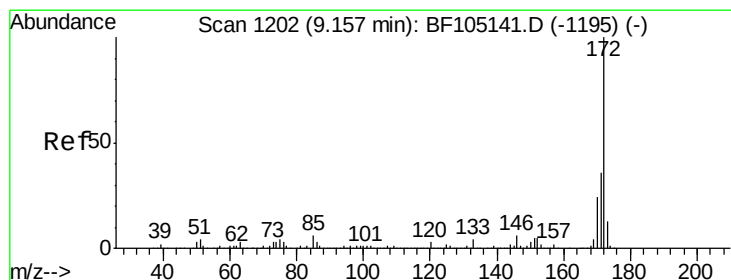
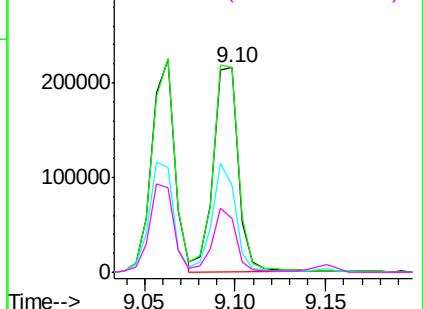
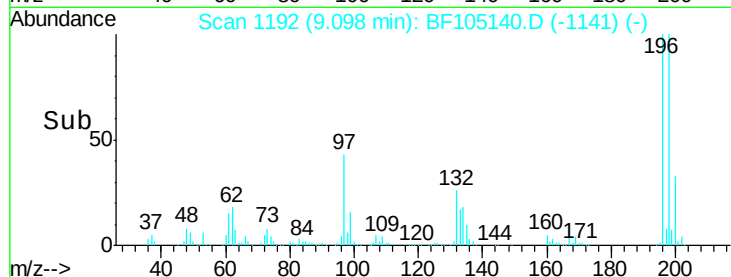
#43
 2,4,5-Trichlorophenol
 Concen: 23.526 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF105140.D
 Acq: 8 May 2018 12:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 207330
 Ion Ratio Lower Upper
 196 100
 198 100.1 74.6 112.0
 97 42.8 42.9 64.3#
 132 26.1 26.3 39.5#

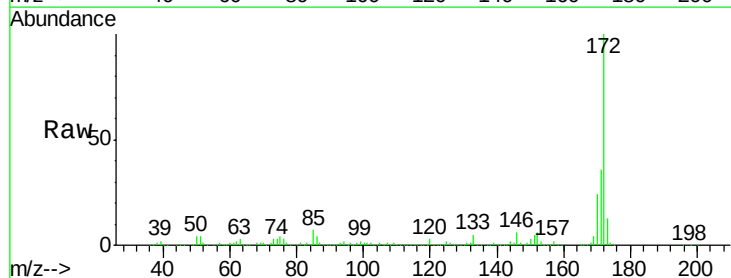


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

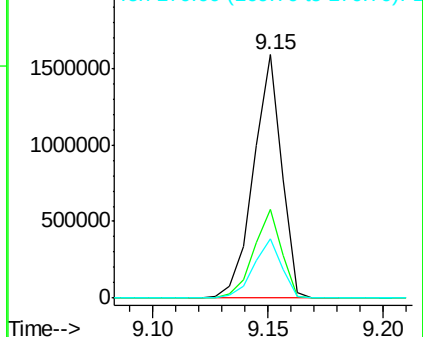
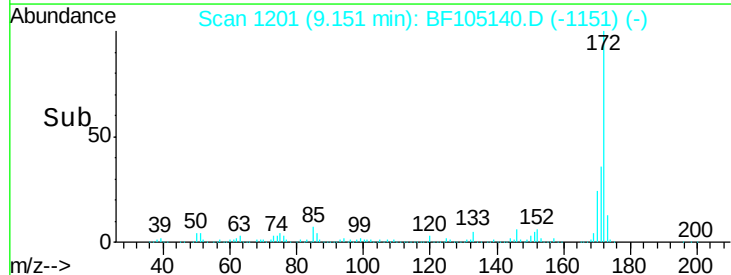


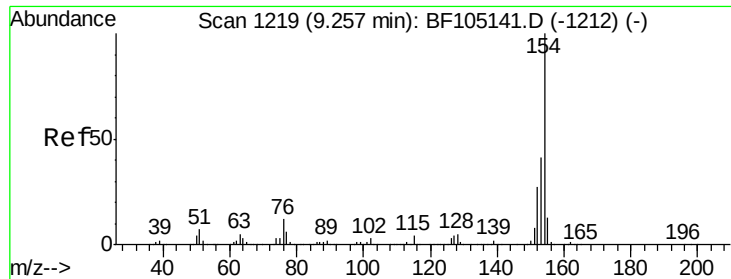
#44
 2-Fluorobiphenyl
 Concen: 53.794 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105140.D
 Acq: 8 May 2018 12:06

Tgt Ion:172 Resp: 1349562
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.2 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

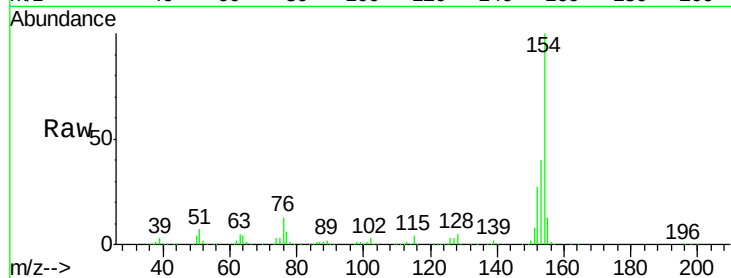




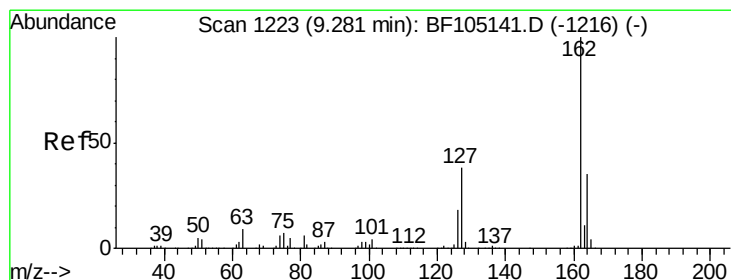
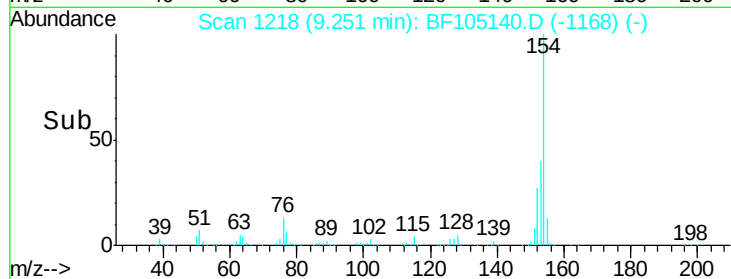
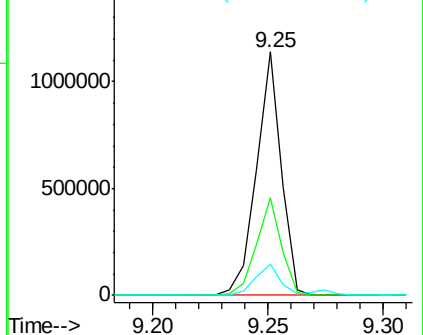
#45
 1,1'-Biphenyl
 Concen: 25.626 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF105140.D
 Acq: 8 May 2018 12:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 853188
 Ion Ratio Lower Upper
 154 100
 153 40.4 21.3 61.3
 76 12.7 0.0 34.0

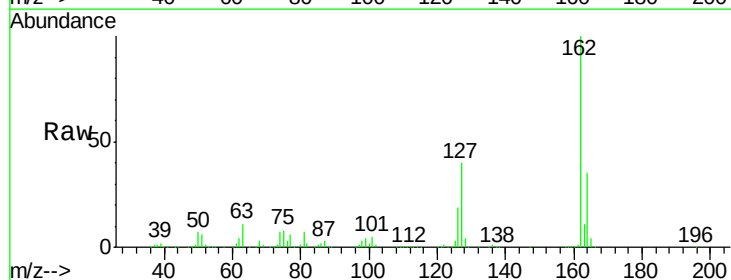


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

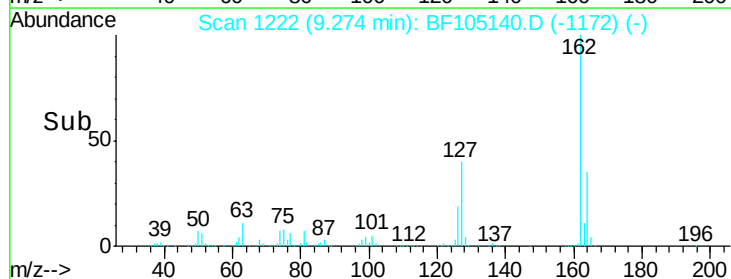
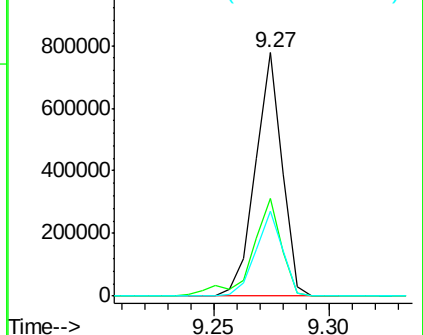


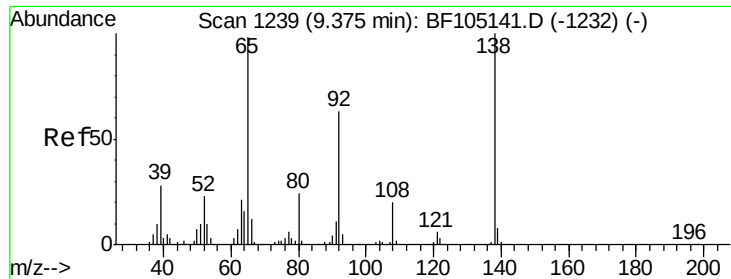
#46
 2-Chloronaphthalene
 Concen: 23.886 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF105140.D
 Acq: 8 May 2018 12:06

Tgt Ion:162 Resp: 628142
 Ion Ratio Lower Upper
 162 100
 127 40.0 33.9 50.9
 164 34.8 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

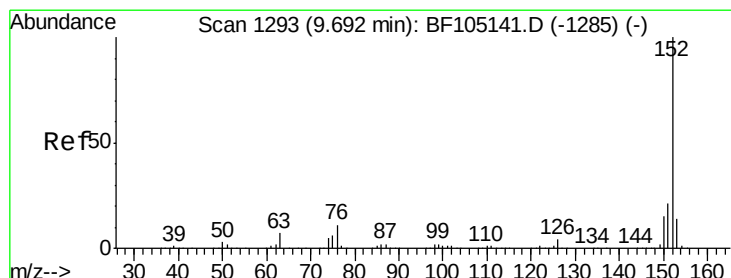
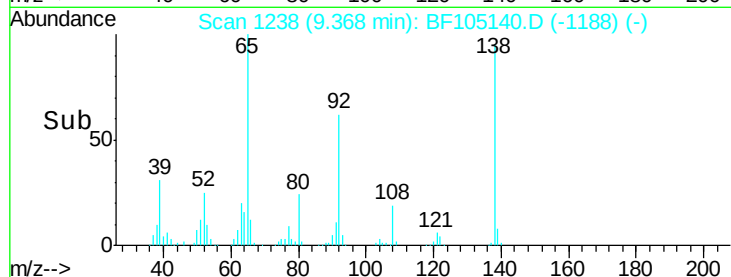
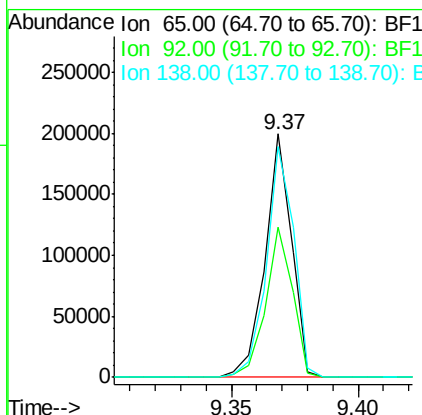
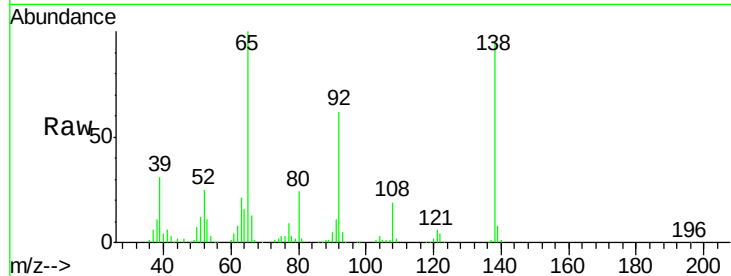




#47
2-Nitroaniline
Concen: 22.595 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

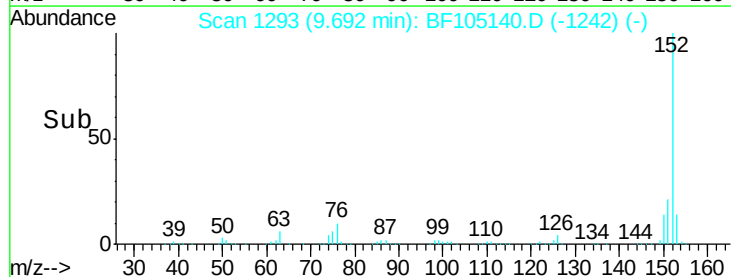
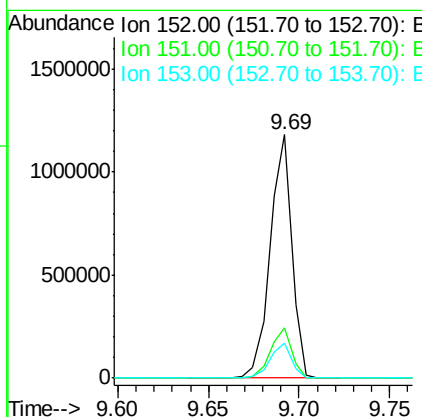
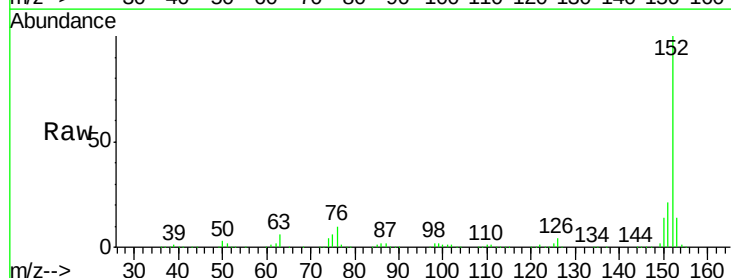
Instrument :
BNA_F
ClientSampled :

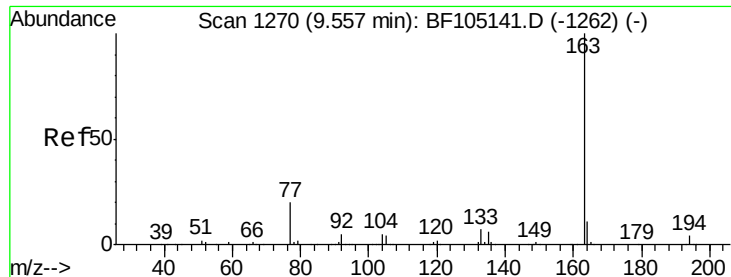
Tot Ion: 65 Resp: 146945
Ion Ratio Lower Upper
65 100
92 61.9 55.8 83.6
138 94.8 91.2 136.8



#48
Acenaphthylene
Concen: 23.778 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

Tgt Ion: 152 Resp: 981068
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 14.2 10.7 16.1

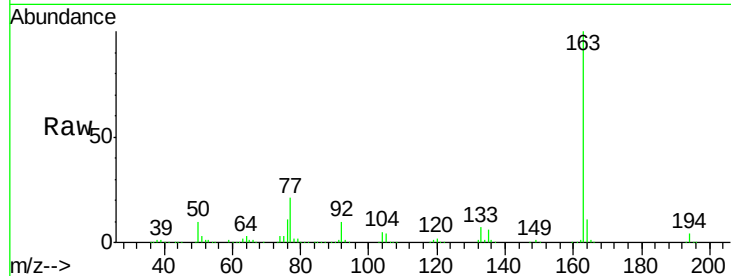




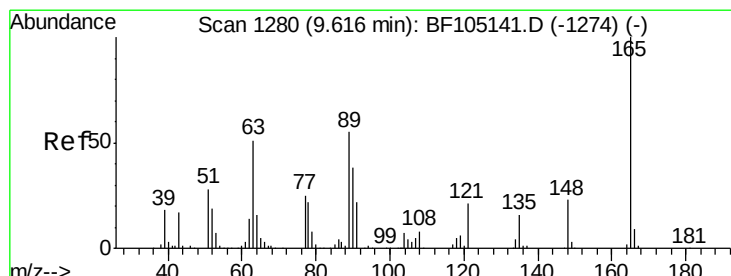
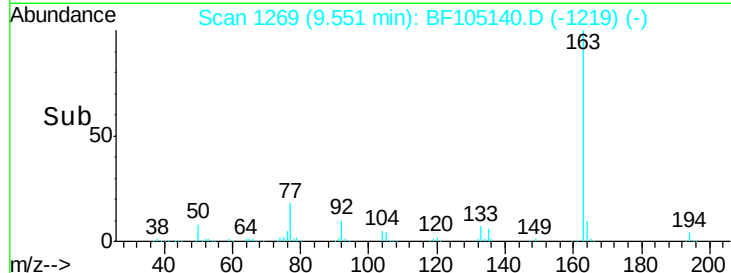
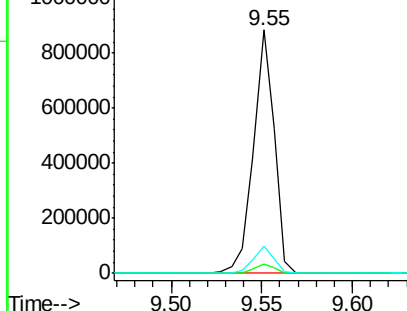
#49
Dimethylphthalate
Concen: 22.506 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	11.1	8.2	12.2

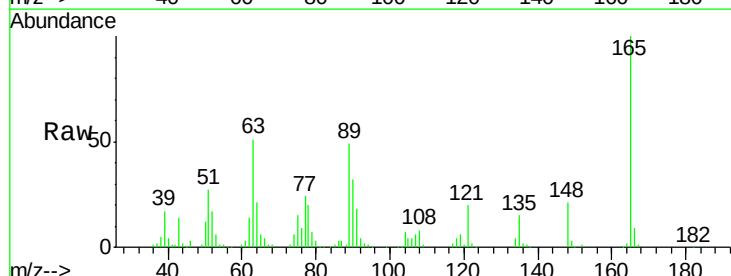


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

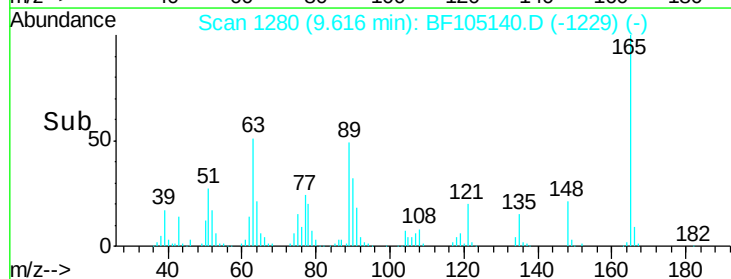
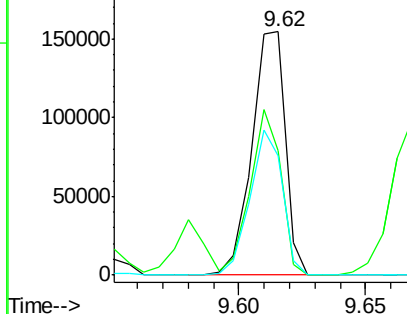


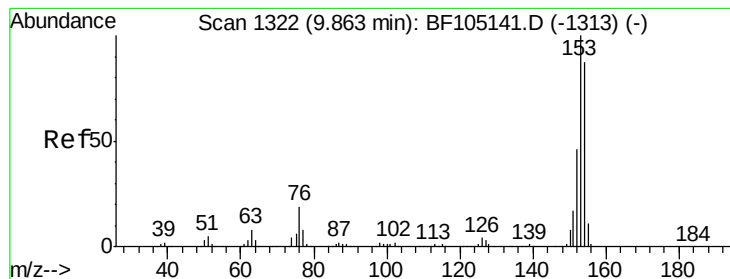
#50
2,6-Dinitrotoluene
Concen: 24.781 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.3	44.7	67.1
89	49.3	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: 24.262 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

Instrument :

BNA_F

ClientSampleId :

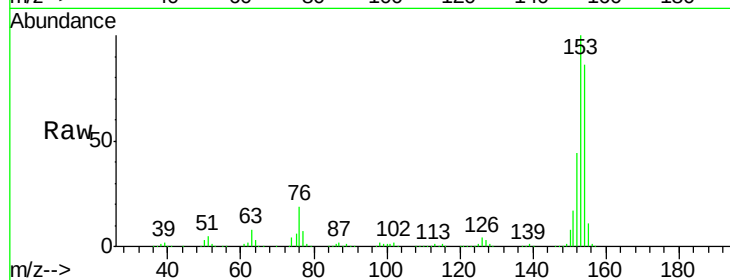
Tot Ion:154 Resp: 610778

Ion Ratio Lower Upper

154 100

153 116.7 91.2 136.8

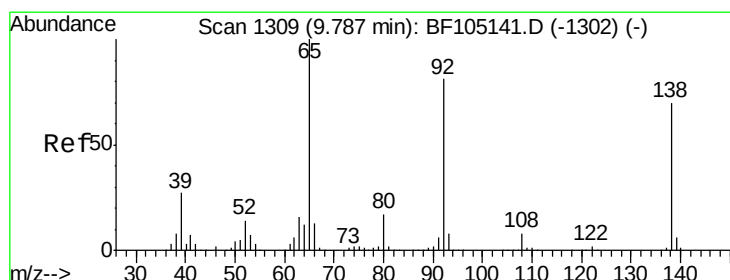
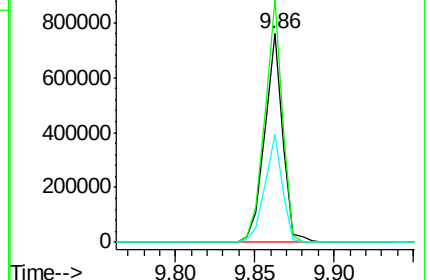
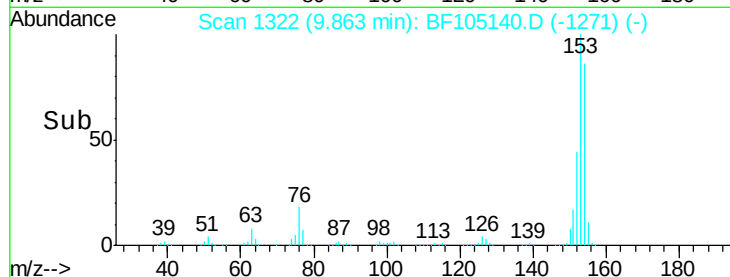
152 51.8 43.8 65.8



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: 22.447 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

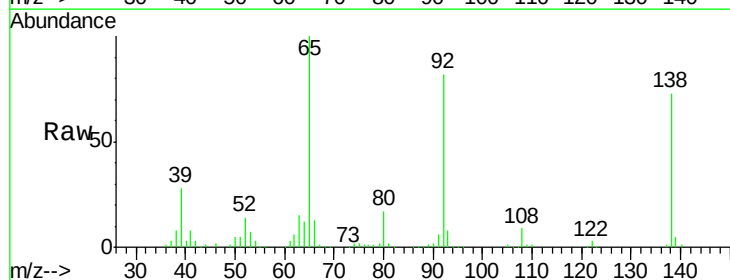
Tgt Ion:138 Resp: 151970

Ion Ratio Lower Upper

138 100

108 12.2 9.4 14.0

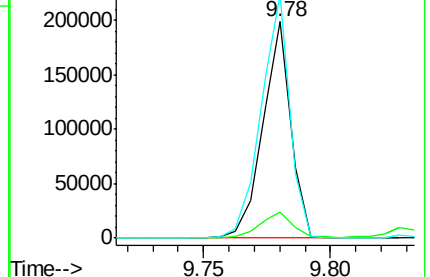
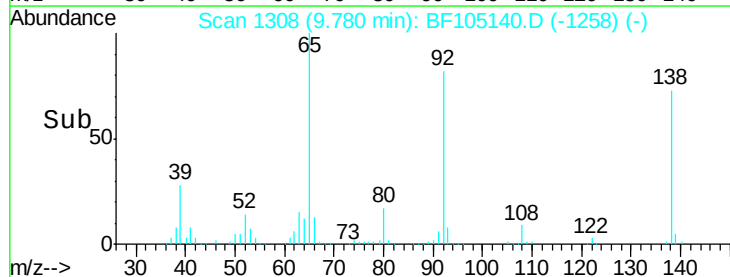
92 112.4 89.4 134.2

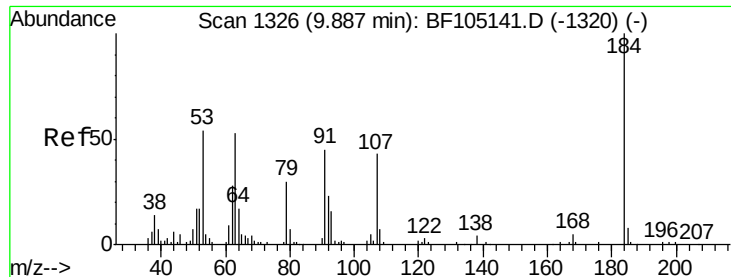


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

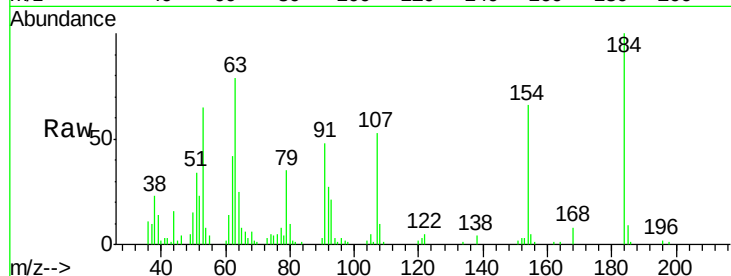




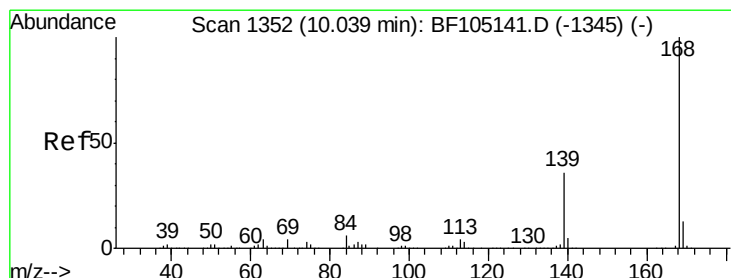
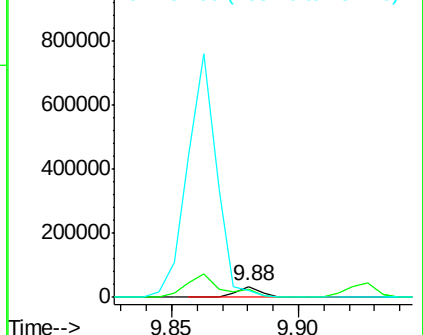
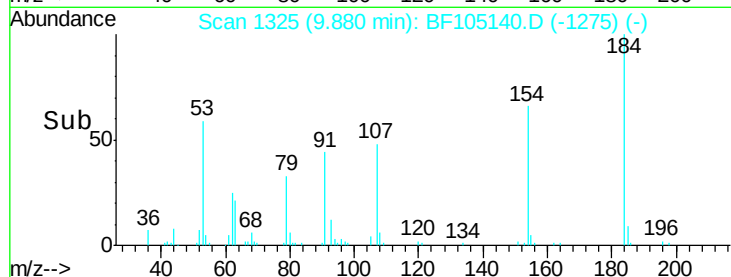
#53
2,4-Dinitrophenol
Concen: 13.209 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 23220
Ion Ratio Lower Upper
184 100
63 78.9 54.2 81.2
154 66.3 184.0 276.0#

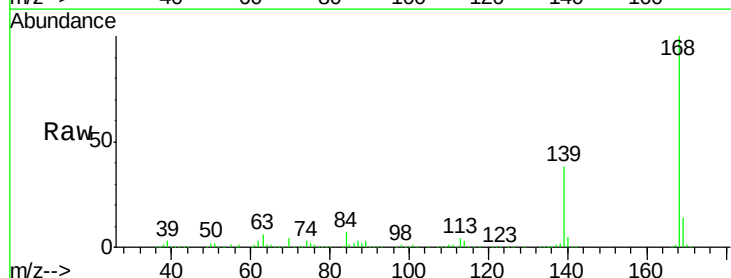


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

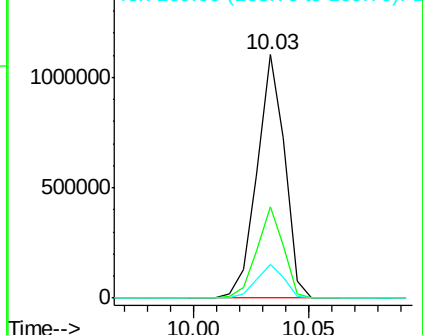
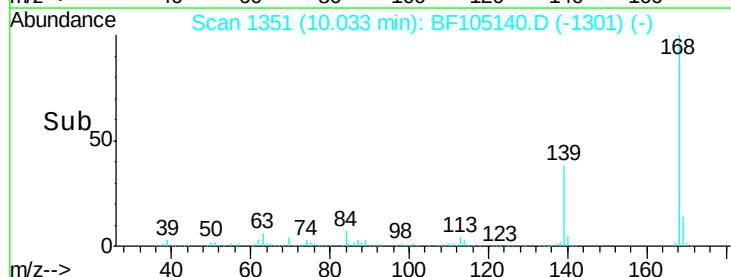


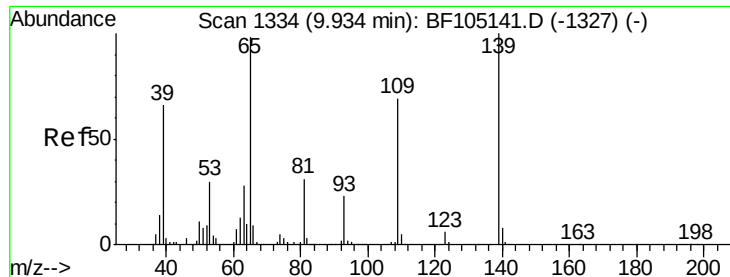
#54
Dibenzofuran
Concen: 26.276 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

Tgt Ion:168 Resp: 921839
Ion Ratio Lower Upper
168 100
139 37.5 30.1 45.1
169 13.7 10.9 16.3



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





#55

4-Nitrophenol

Concen: 21.796 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

Instrument :

BNA_F

ClientSampleId :

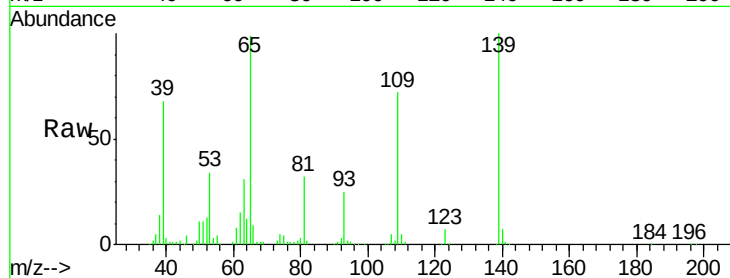
Tot Ion:139 Resp: 115914

Ion Ratio Lower Upper

139 100

109 72.1 48.4 88.4

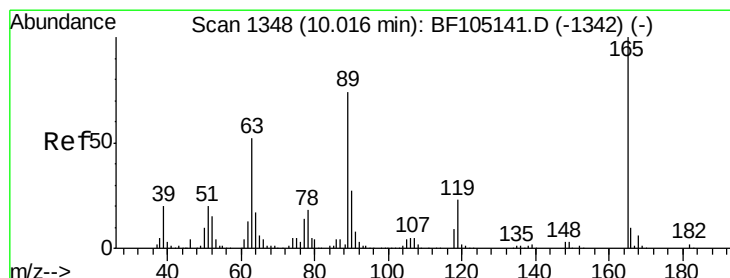
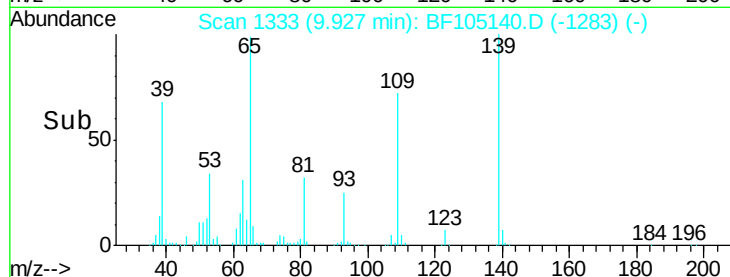
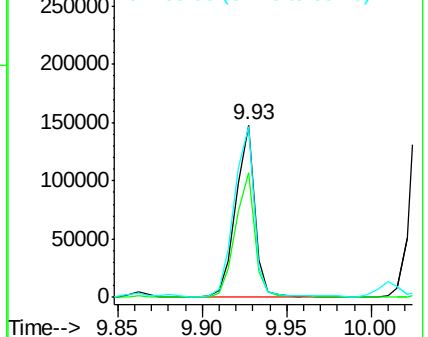
65 99.0 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 22.896 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

Tgt Ion:165 Resp: 173681

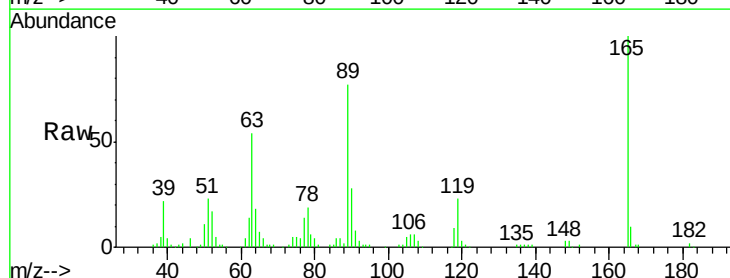
Ion Ratio Lower Upper

165 100

63 54.3 36.4 54.6

89 76.6 57.8 86.6

182 2.1 1.6 2.4

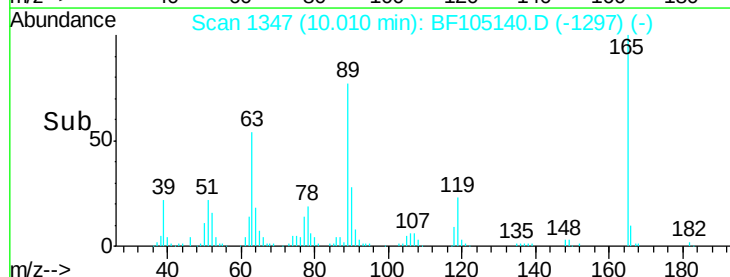
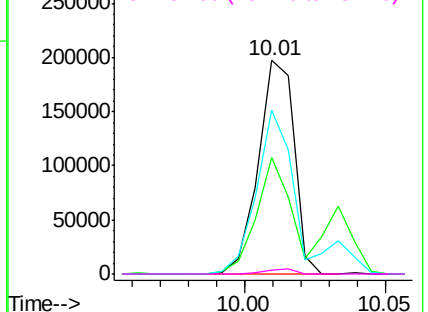


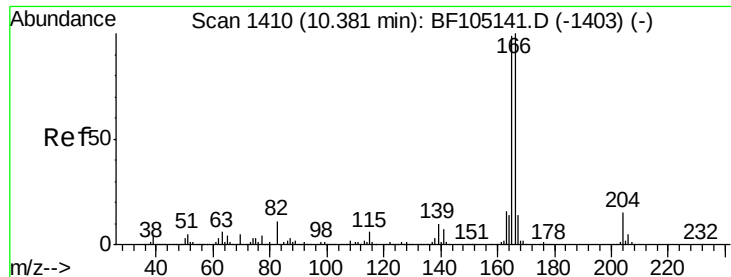
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

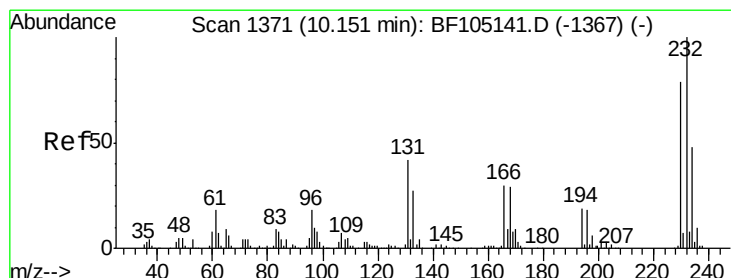
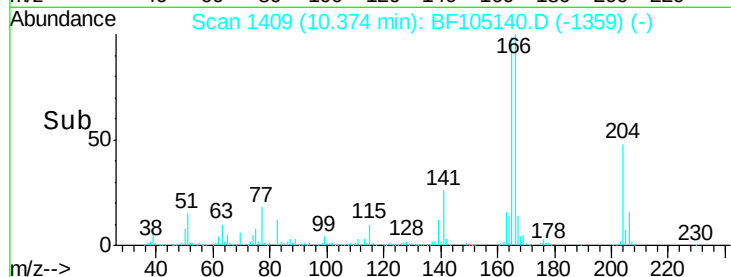
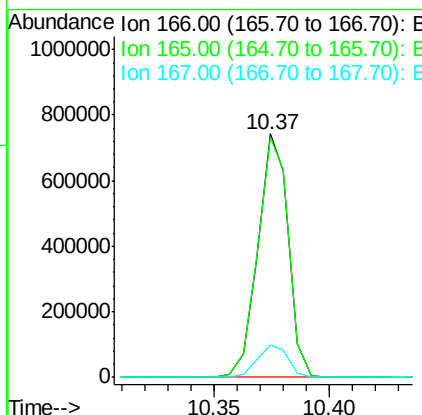
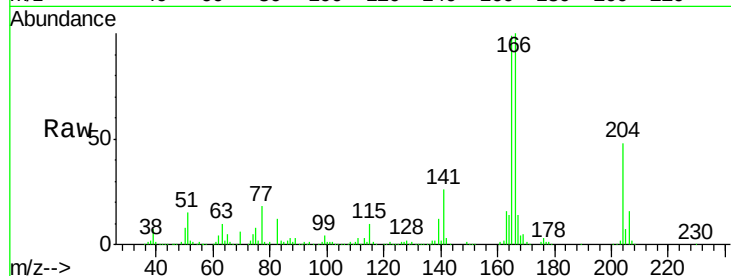




#57
 Fluorene
 Concen: 26.436 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF105140.D
 Acq: 8 May 2018 12:06

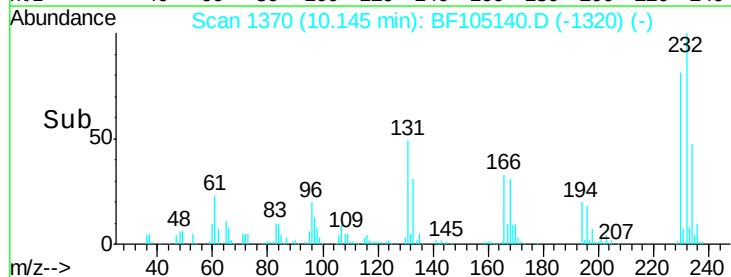
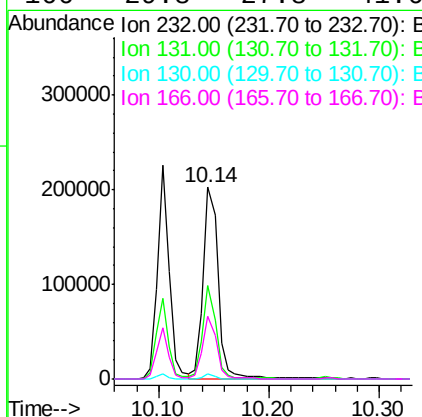
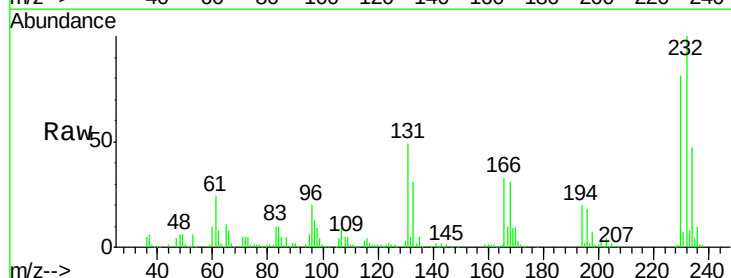
Instrument :
 BNA_F
 ClientSampleID :

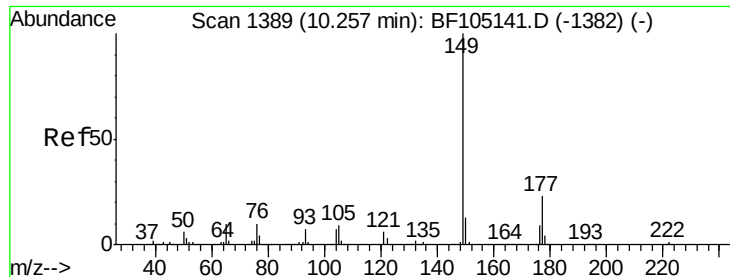
Tot Ion:166 Resp: 675074
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.8 119.8
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 28.166 ng
 RT: 10.14 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BF105140.D
 Acq: 8 May 2018 12:06

Tgt Ion:232 Resp: 185187
 Ion Ratio Lower Upper
 232 100
 131 43.8 43.8 65.8
 130 2.1 2.1 3.1#
 166 29.8 27.8 41.6

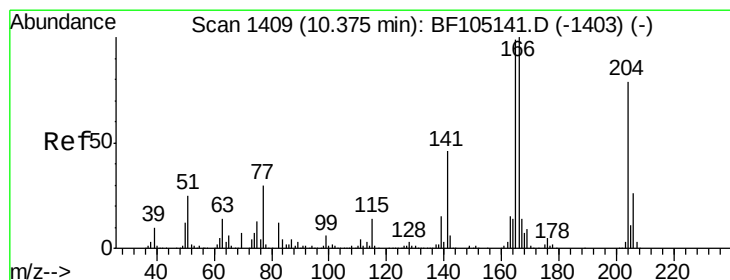
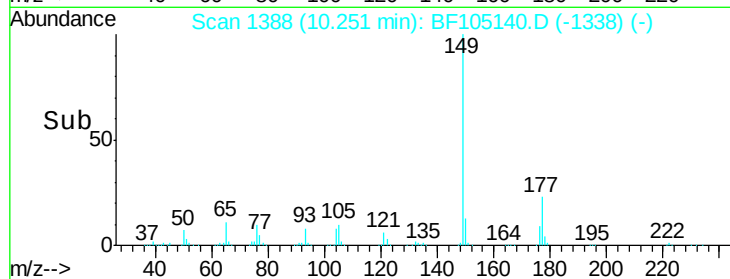
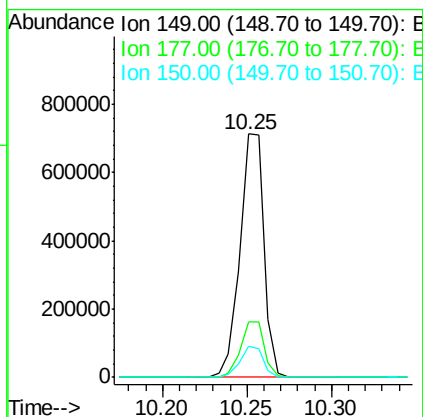
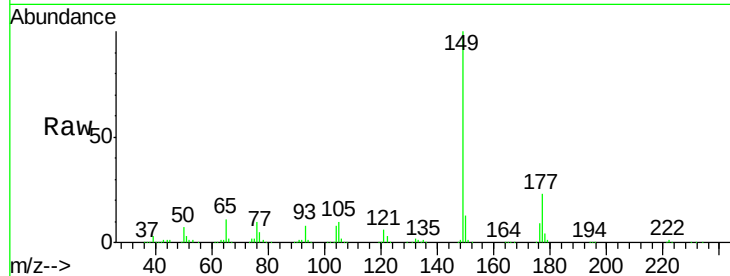




#59
Diethylphthalate
Concen: 22.641 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

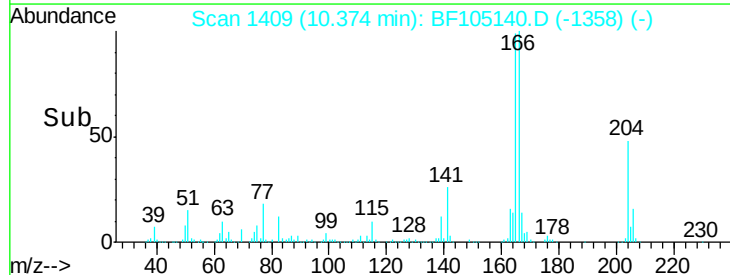
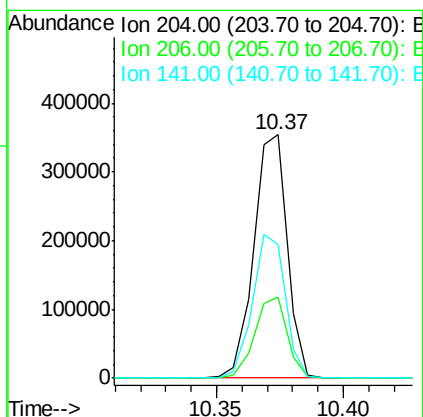
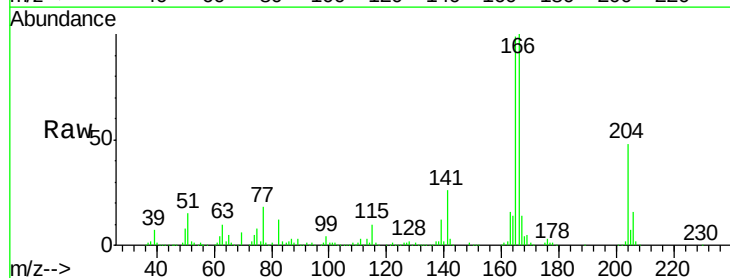
Instrument :
BNA_F
ClientSampled :

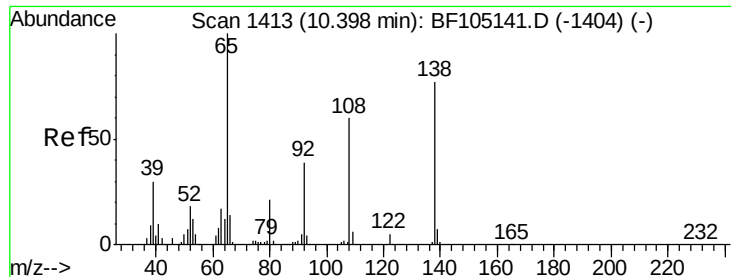
Tot Ion:149 Resp: 704722
Ion Ratio Lower Upper
149 100
177 22.8 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 28.649 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

Tgt Ion:204 Resp: 325811
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 54.6 54.6 81.8





#61

4-Nitroaniline

Concen: 22.404 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

Instrument :

BNA_F

ClientSampled :

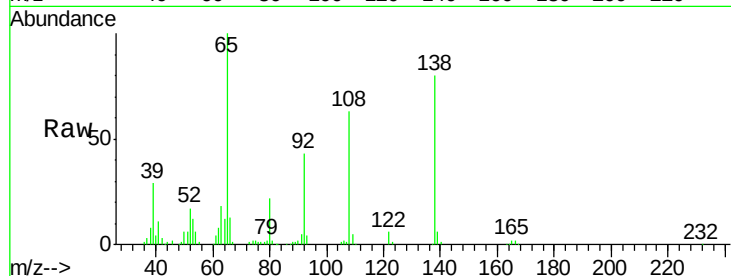
Tot Ion:138 Resp: 148308

Ion Ratio Lower Upper

138 100

92 53.4 30.2 70.2

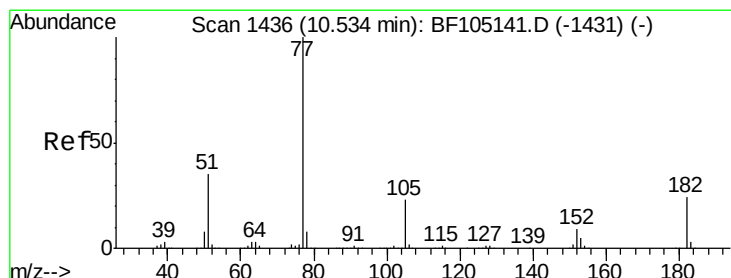
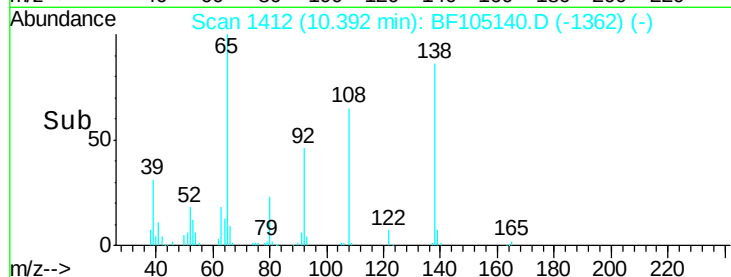
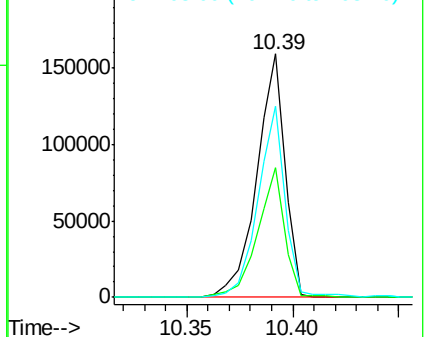
108 78.7 52.5 92.5



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: 23.880 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

Tgt Ion: 77 Resp: 710130

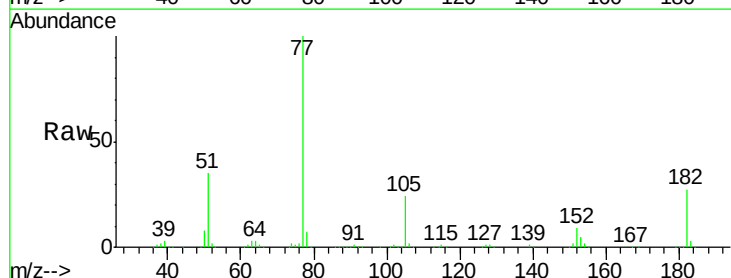
Ion Ratio Lower Upper

77 100

182 27.3 1.7 41.7

105 23.9 3.0 43.0

51 35.0 9.9 49.9

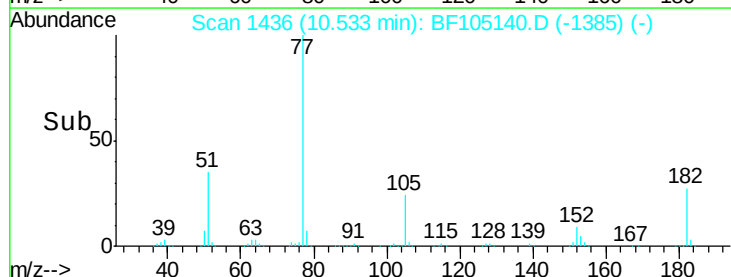
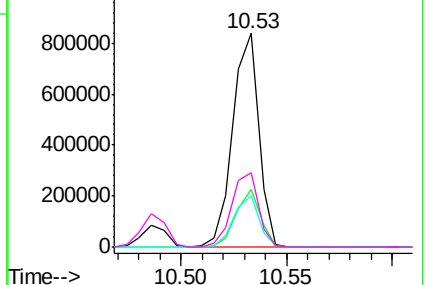


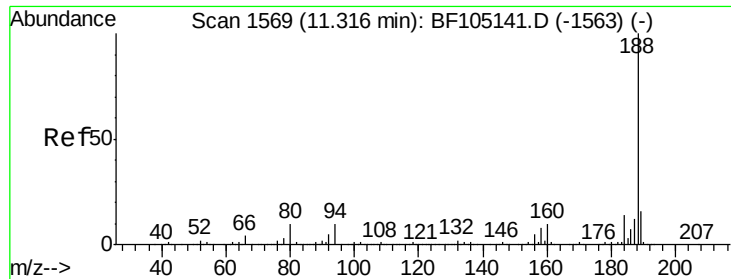
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

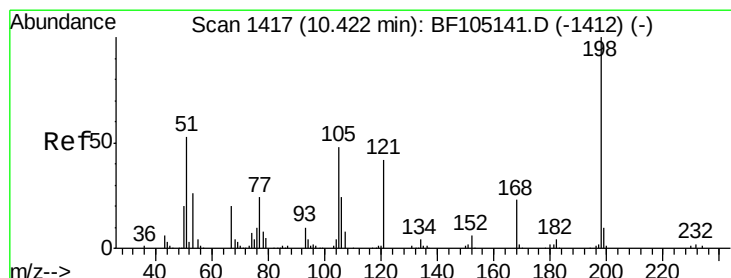
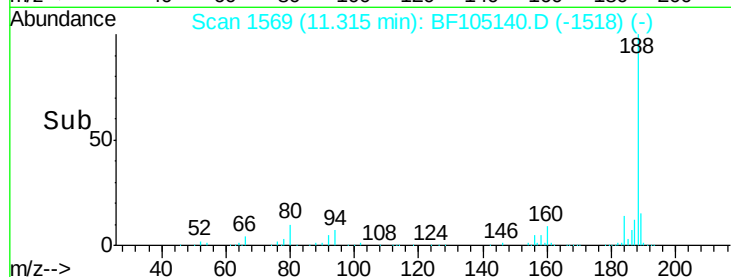
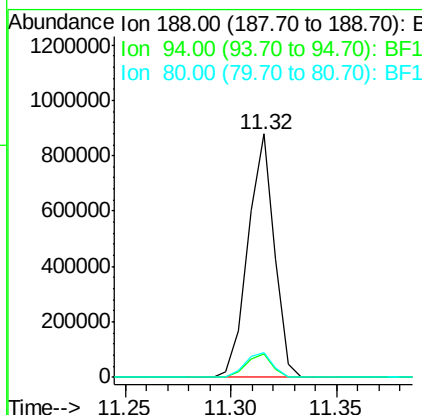
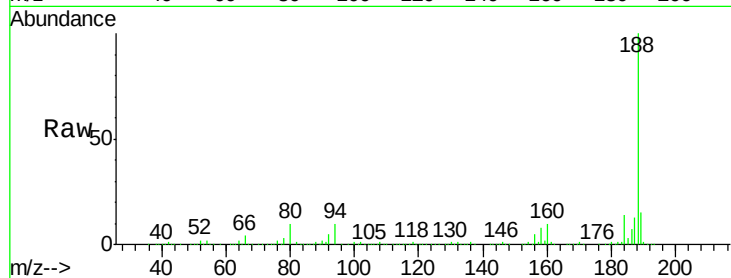




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

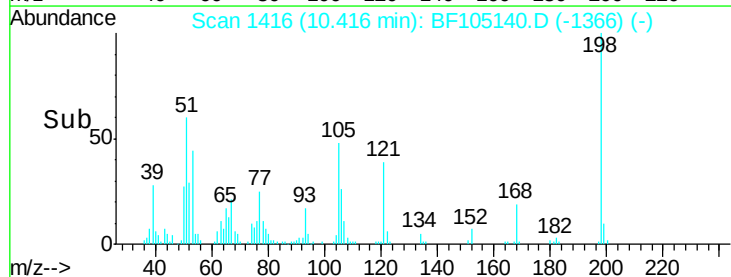
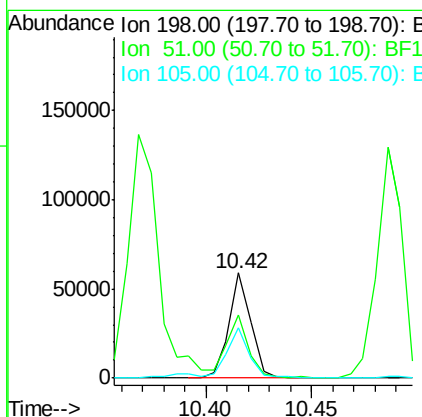
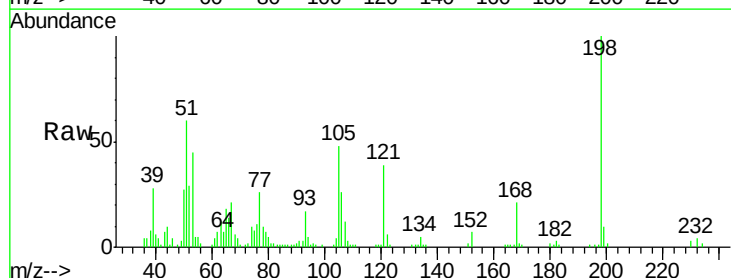
Instrument :
BNA_F
ClientSampled :

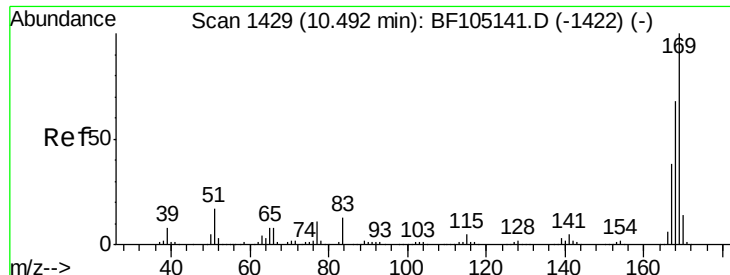
Tot Ion:188 Resp: 756711
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 12.900 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

Tgt Ion:198 Resp: 42408
Ion Ratio Lower Upper
198 100
51 60.4 37.7 77.7
105 48.1 36.3 76.3

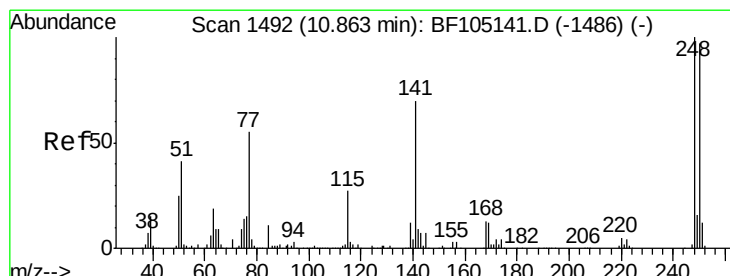
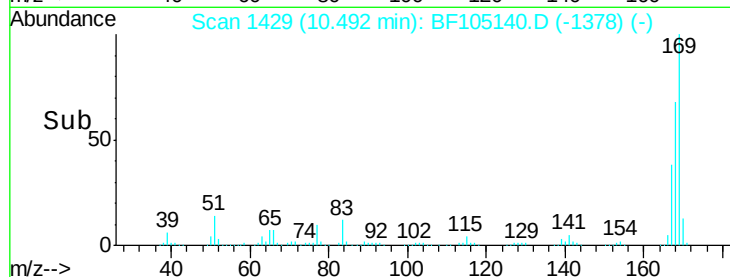
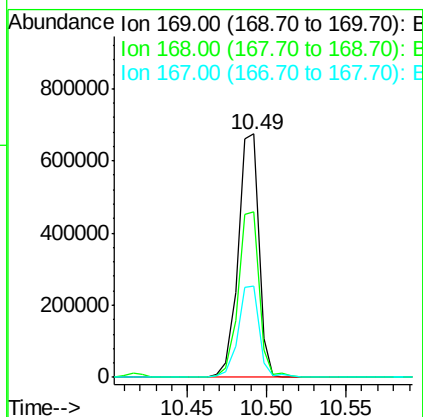
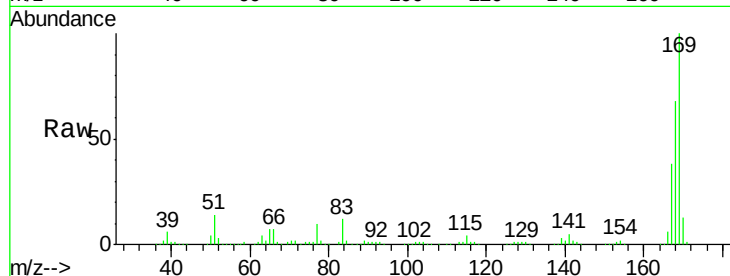




#65
 n-Nitrosodiphenylamine
 Concen: 23.335 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF105140.D
 Acq: 8 May 2018 12:06

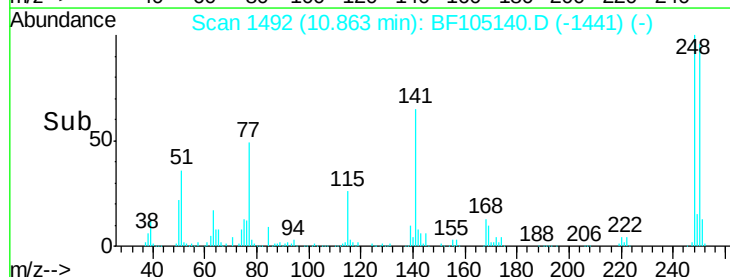
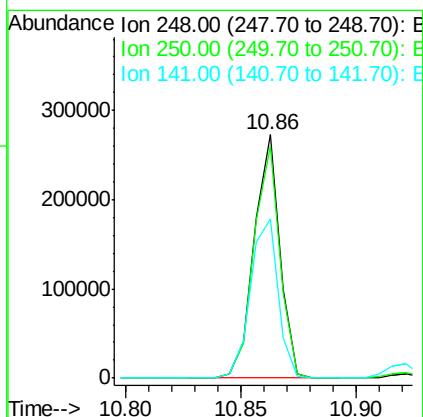
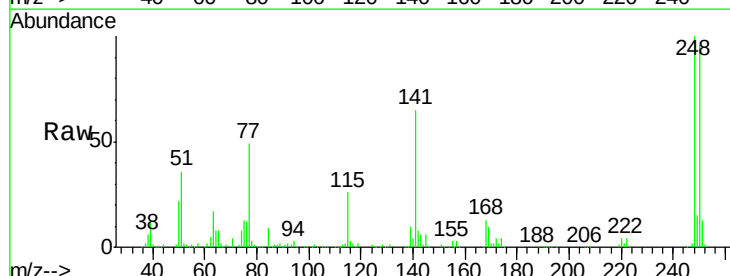
Instrument :
 BNA_F
 ClientSampleId :

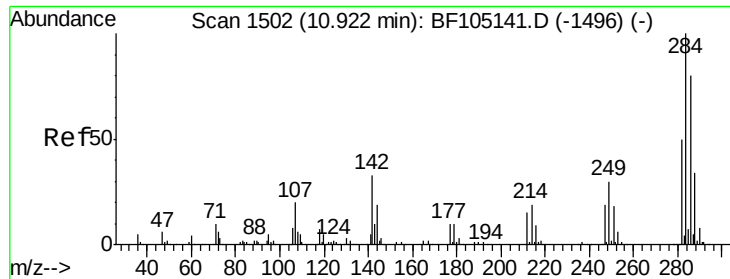
Tot Ion:169 Resp: 612245
 Ion Ratio Lower Upper
 169 100
 168 68.0 54.4 81.6
 167 37.8 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 26.447 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BF105140.D
 Acq: 8 May 2018 12:06

Tgt Ion:248 Resp: 212873
 Ion Ratio Lower Upper
 248 100
 250 95.5 76.9 115.3
 141 65.2 74.4 111.6#





#67

Hexachlorobenzene

Concen: 26.746 ng

RT: 10.92 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BF105140.D

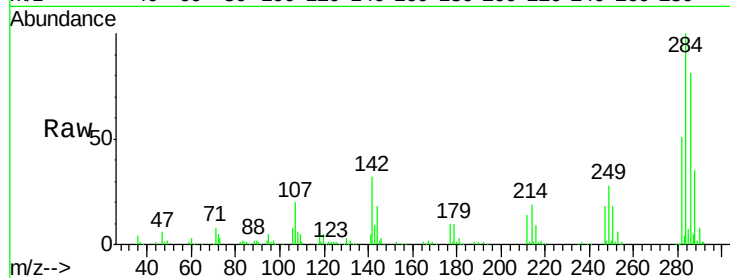
Acq: 8 May 2018 12:06

Instrument :

BNA_F

ClientSampleId :

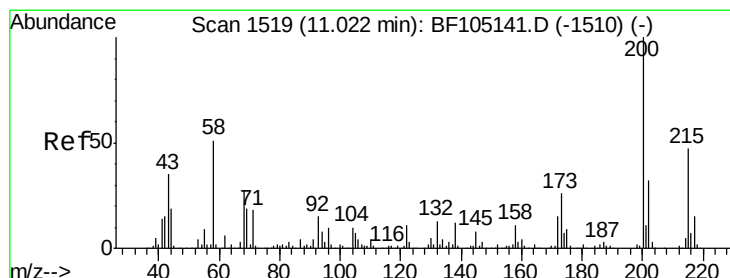
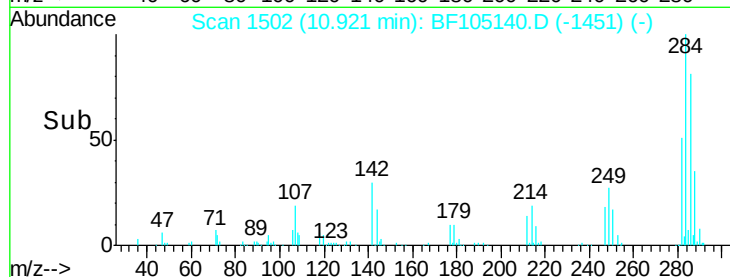
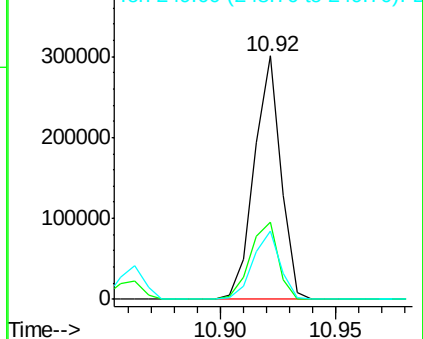
Tot Ion:	284	Resp:	242230
Ion	Ratio	Lower	Upper
284	100		
142	31.7	34.6	52.0#
249	27.9	24.8	37.2



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: 24.803 ng

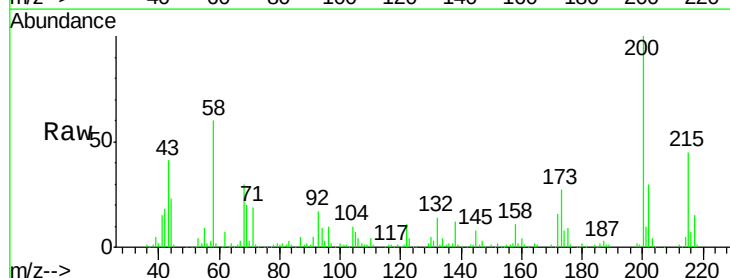
RT: 11.02 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

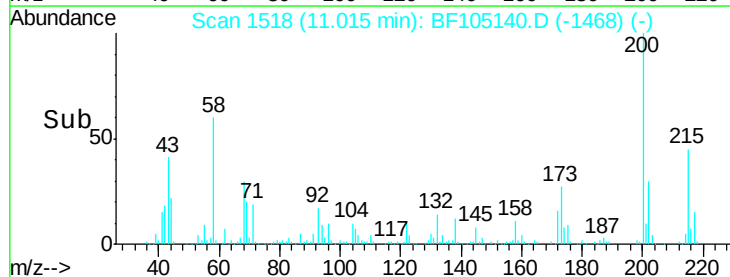
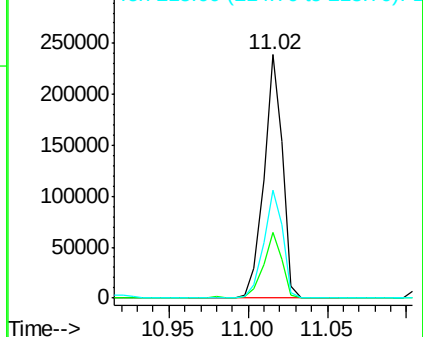
Tgt Ion:	200	Resp:	196433
Ion	Ratio	Lower	Upper
200	100		
173	27.1	8.6	48.6
215	44.5	25.1	65.1

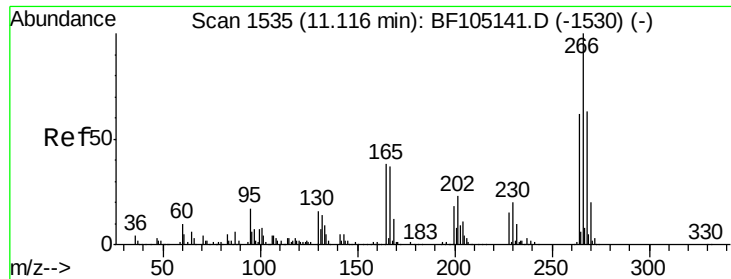


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

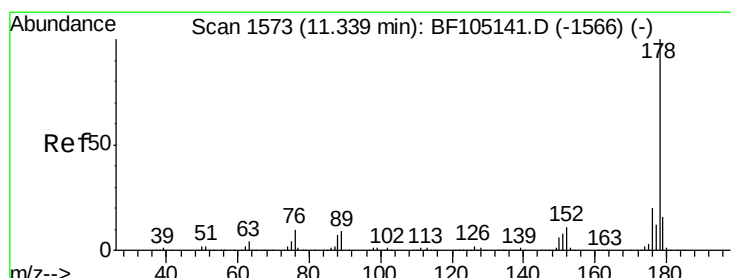
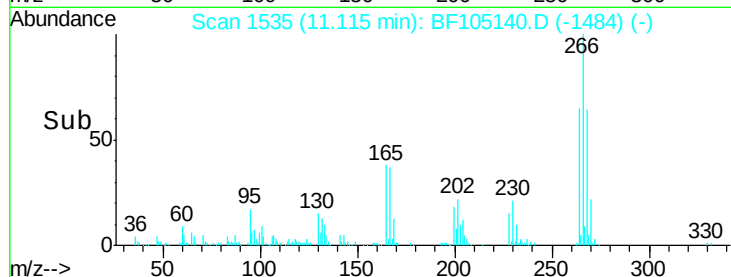
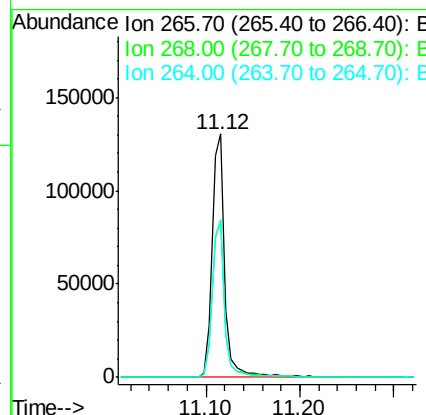
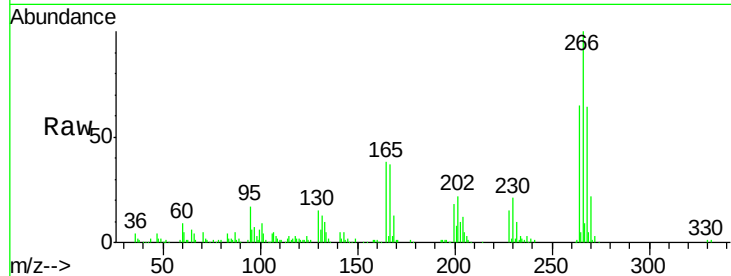




#69
 Pentachlorophenol
 Concen: 22.049 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: BF105140.D
 Acq: 8 May 2018 12:06

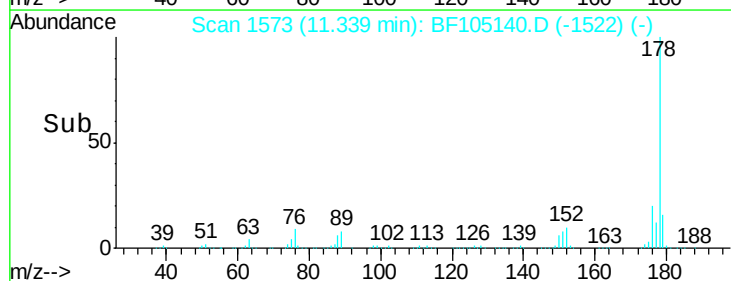
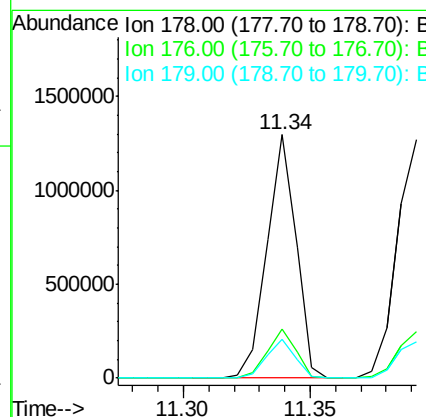
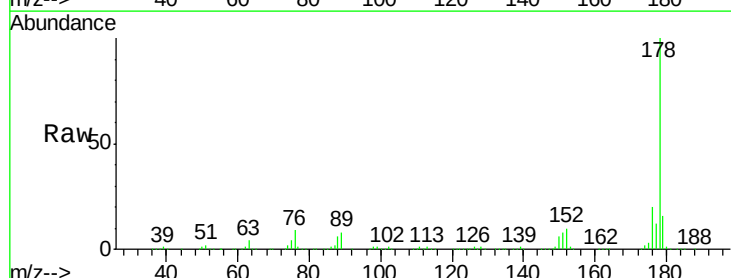
Instrument :
 BNA_F
 ClientSampleId :

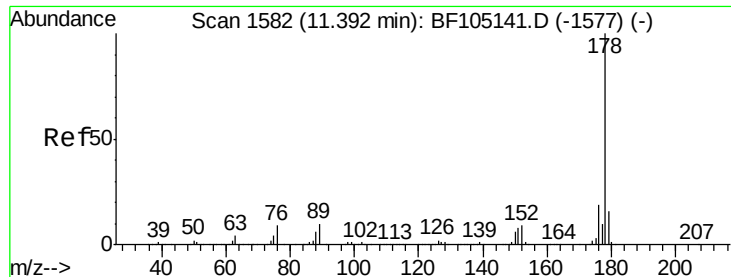
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.1	76.7
264	64.7	49.5	74.3



#70
 Phenanthrene
 Concen: 24.821 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF105140.D
 Acq: 8 May 2018 12:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	16.0	13.0	19.6

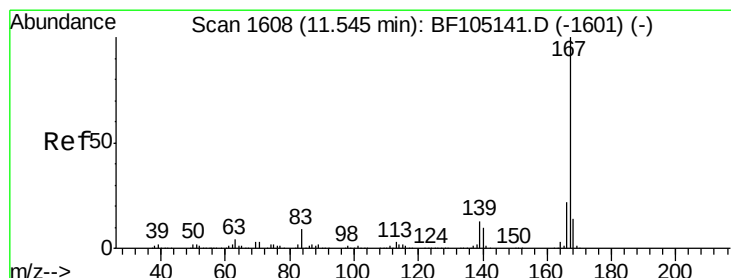
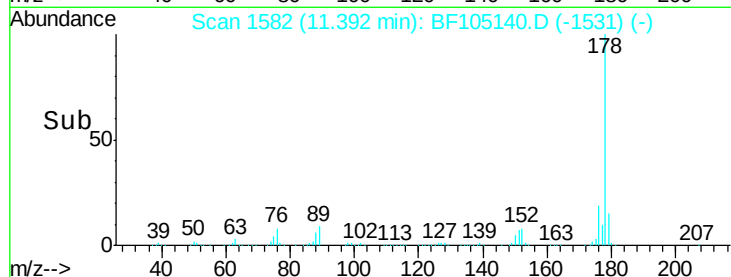
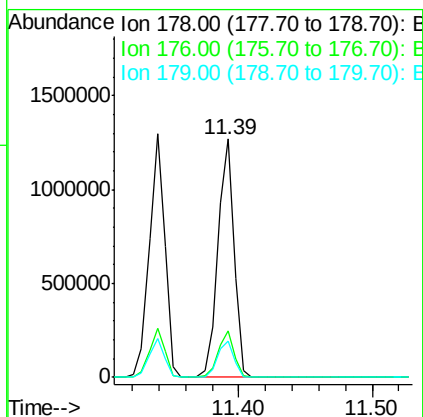
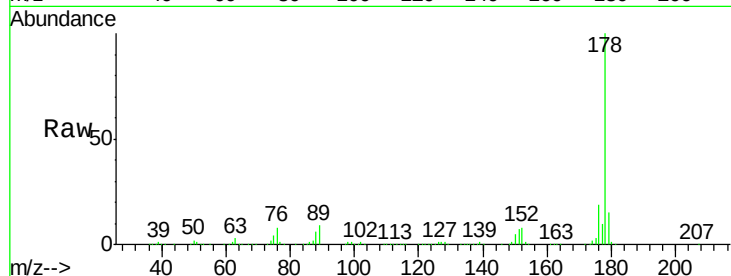




#71
 Anthracene
 Concen: 25.337 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BF105140.D
 Acq: 8 May 2018 12:06

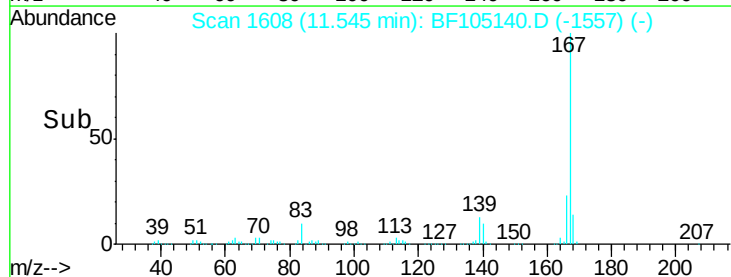
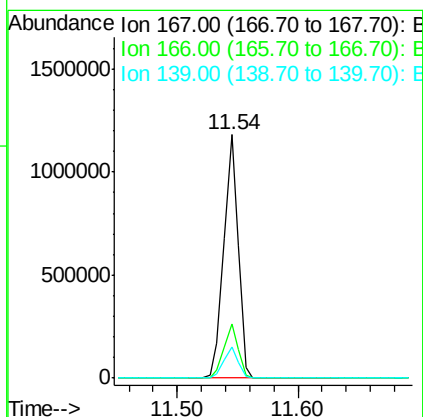
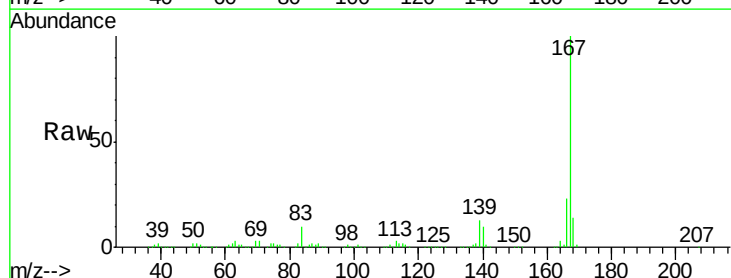
Instrument :
 BNA_F
 ClientSampleId :

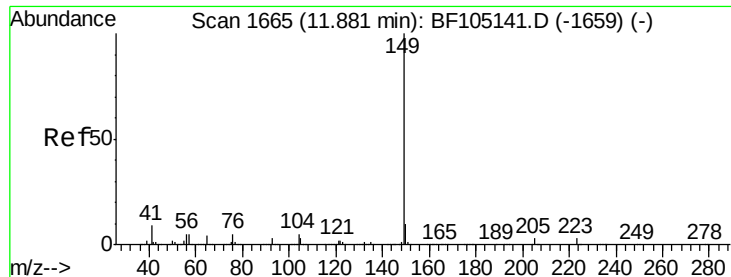
Tot Ion:178 Resp: 1085358
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 23.195 ng
 RT: 11.54 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BF105140.D
 Acq: 8 May 2018 12:06

Tgt Ion:167 Resp: 970922
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 12.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 20.612 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

Instrument :

BNA_F

ClientSampleId :

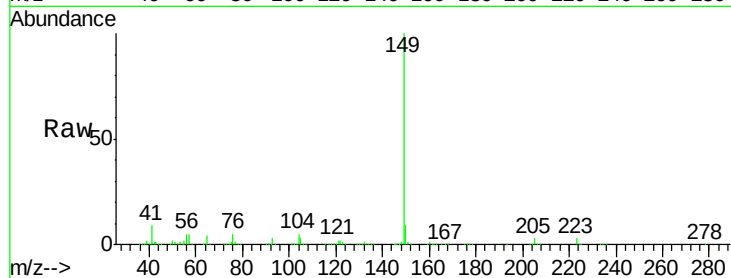
Tot Ion:149 Resp: 1053956

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

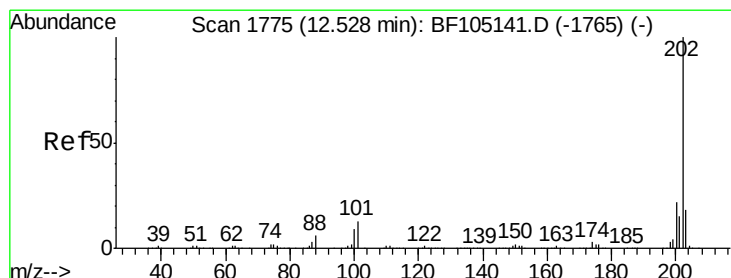
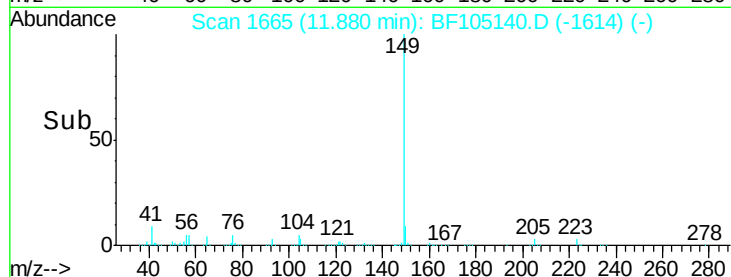
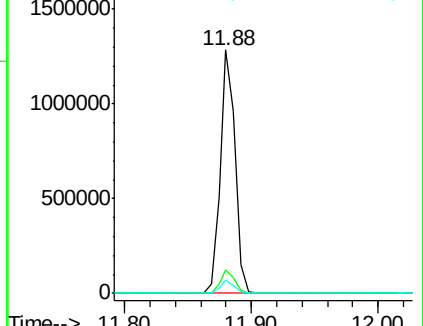
104 5.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 25.374 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

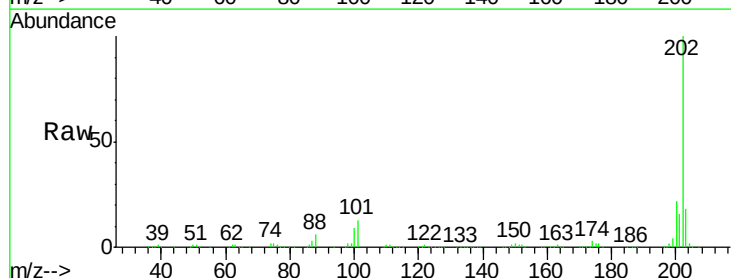
Tgt Ion:202 Resp: 1117195

Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.1

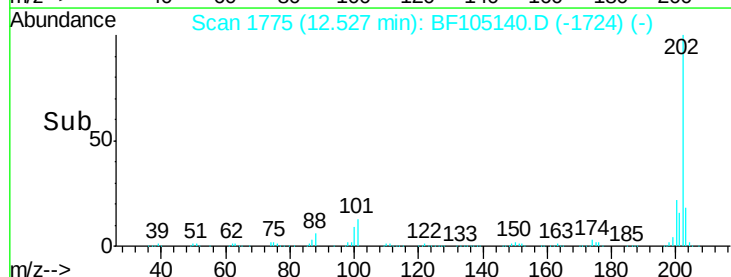
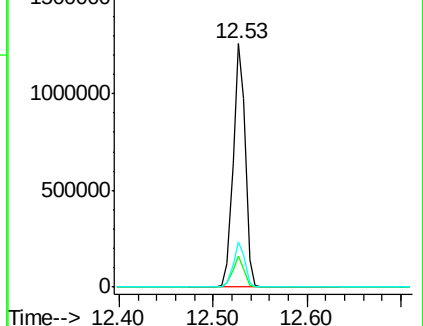
203 18.4 0.0 38.1

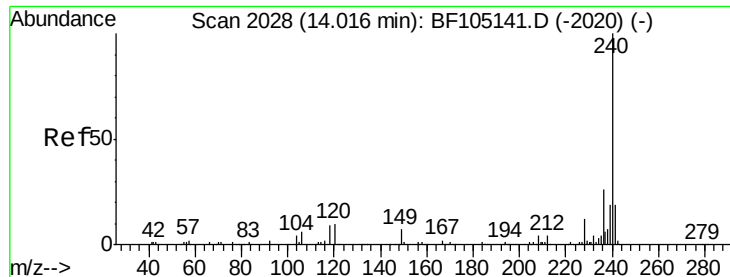


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

Instrument :

BNA_F

ClientSampleId :

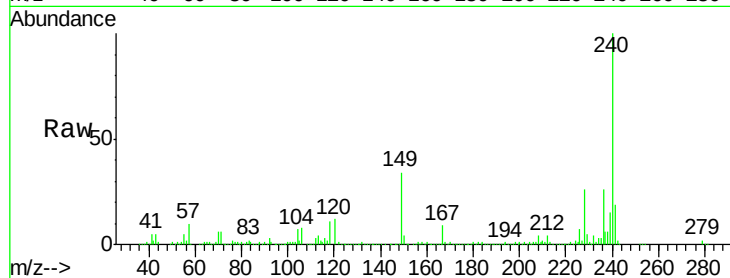
Tot Ion:240 Resp: 621221

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

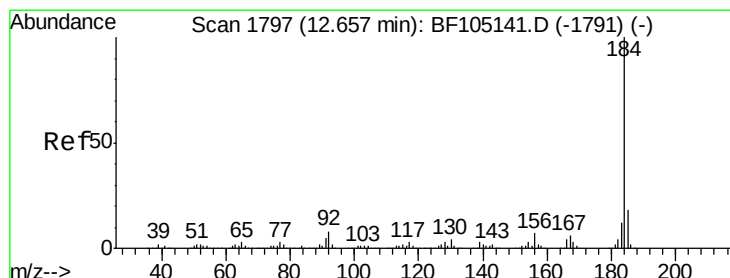
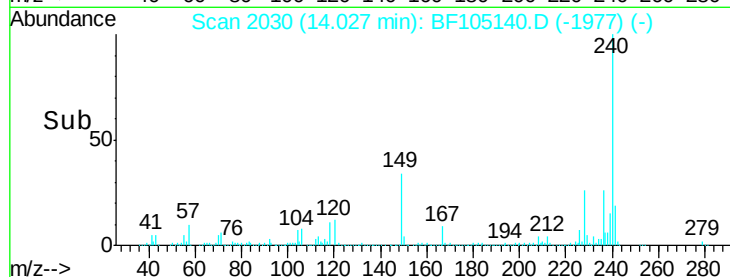
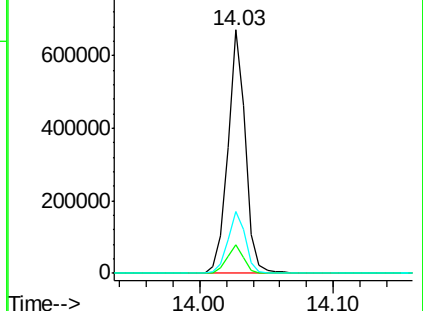
236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.559 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

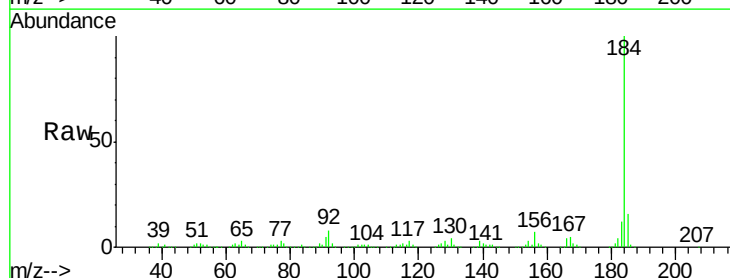
Tgt Ion:184 Resp: 614090

Ion Ratio Lower Upper

184 100

185 16.1 12.6 18.8

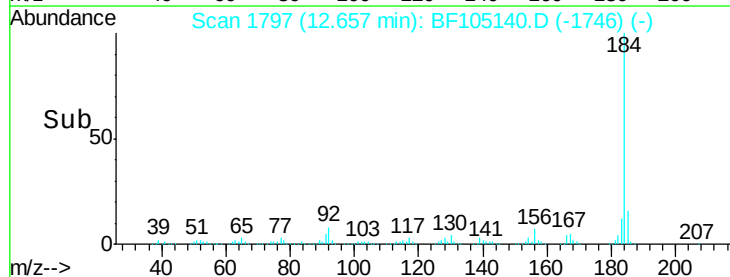
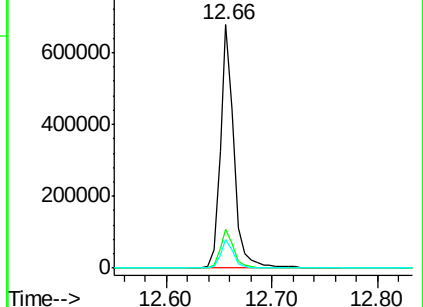
183 11.9 9.3 13.9

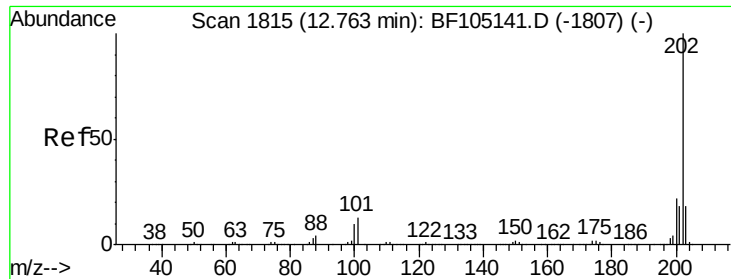


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

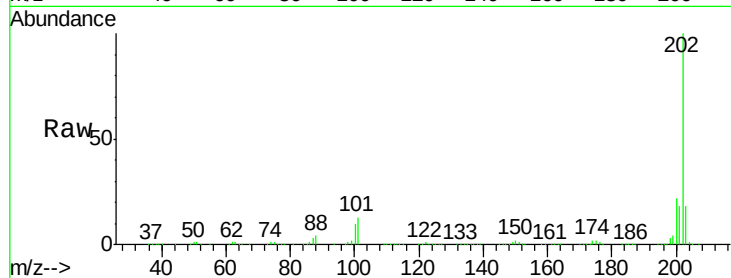




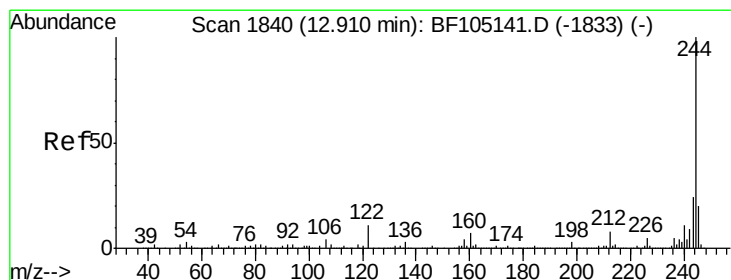
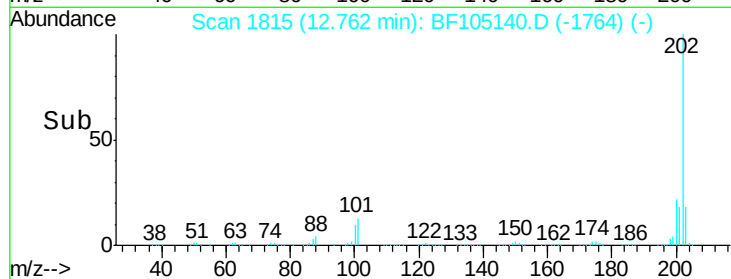
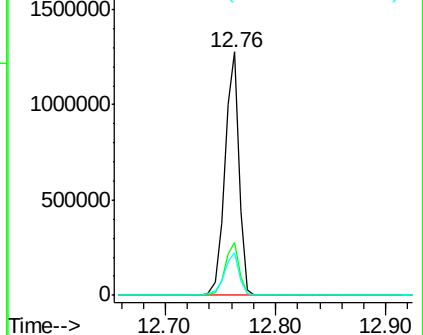
#77
Pvrene
Concen: 24.696 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1137169
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 17.7 14.3 21.5

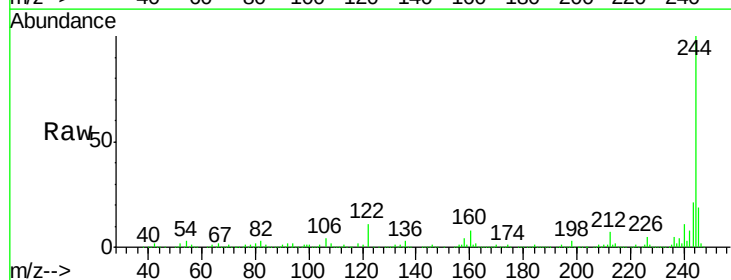


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

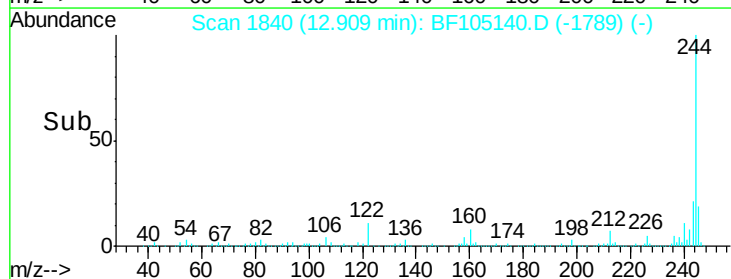
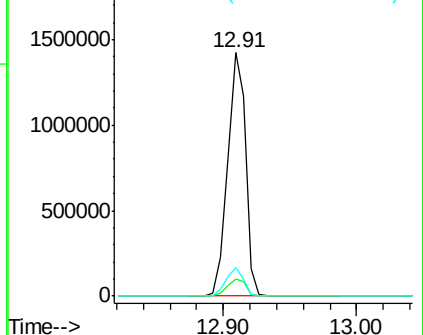


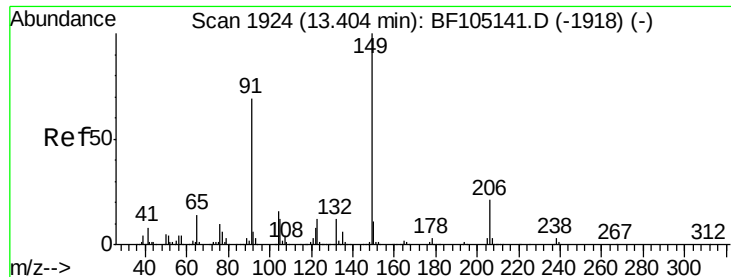
#78
Terphenyl-d14
Concen: 49.922 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

Tgt Ion:244 Resp: 1360301
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 11.5 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

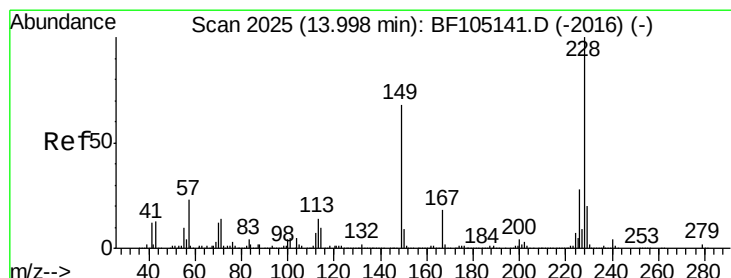
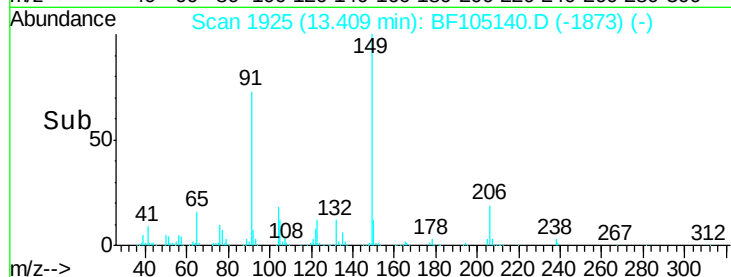
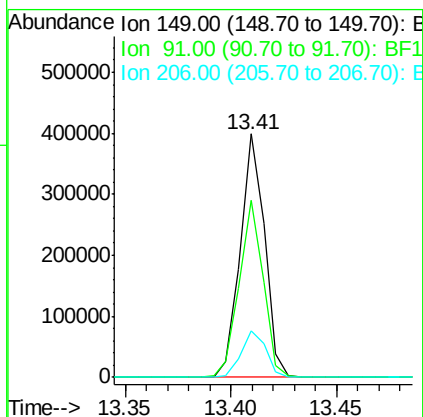
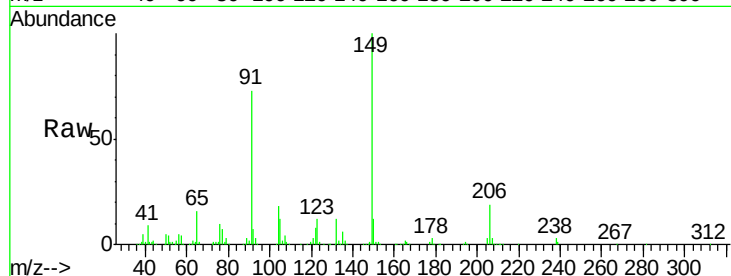




#79
Butylbenzylphthalate
Concen: 14.598 ng
RT: 13.41 min Scan# 1925
Delta R.T. 0.01 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

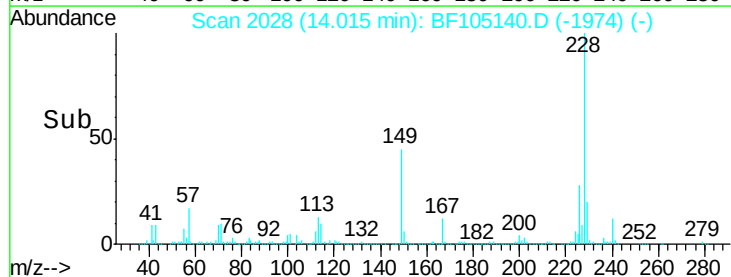
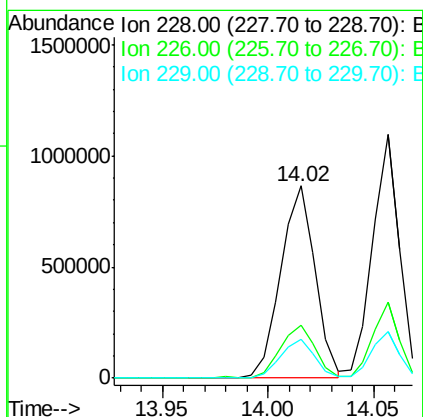
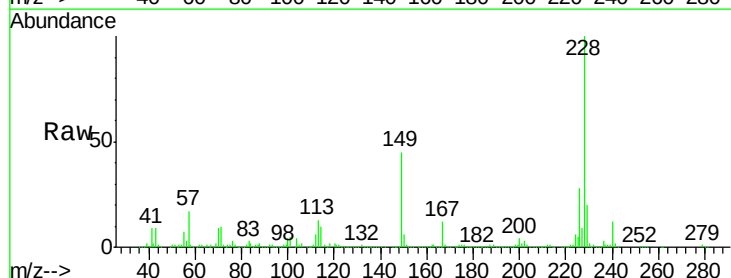
Instrument :
BNA_F
ClientSampleID :

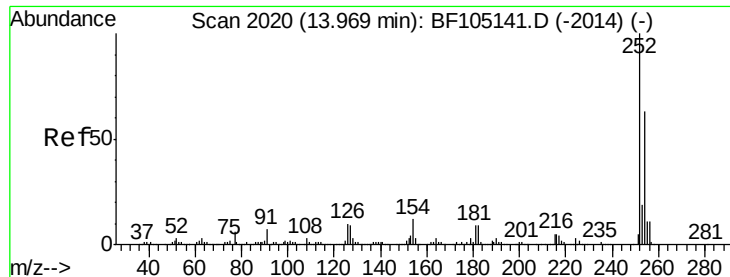
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.5	56.8	85.2
206	19.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 26.431 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.02 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.0	15.8	23.6

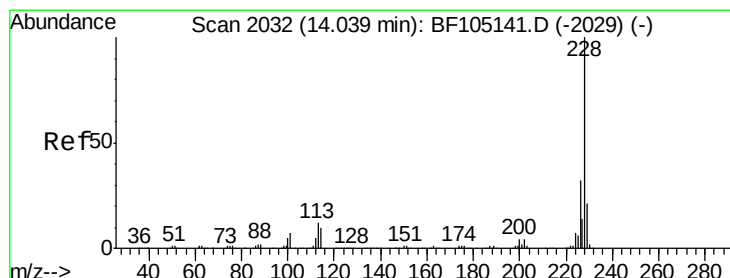
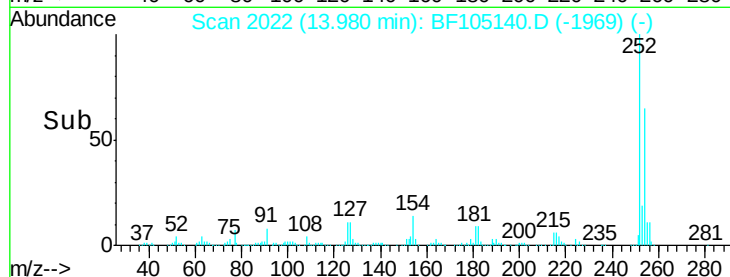
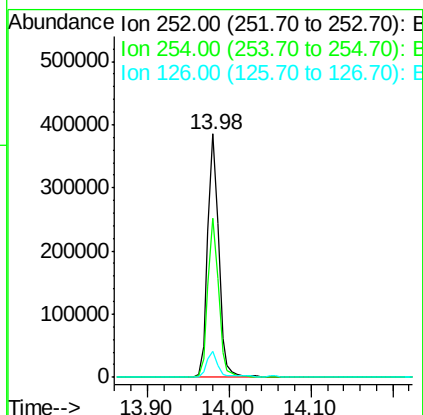
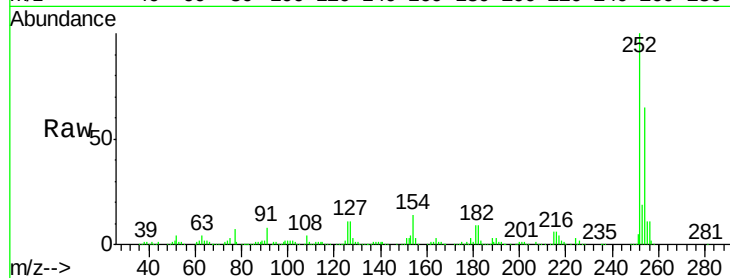




#81
 3,3'-Dichlorobenzidine
 Concen: 26.249 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF105140.D
 Acq: 8 May 2018 12:06

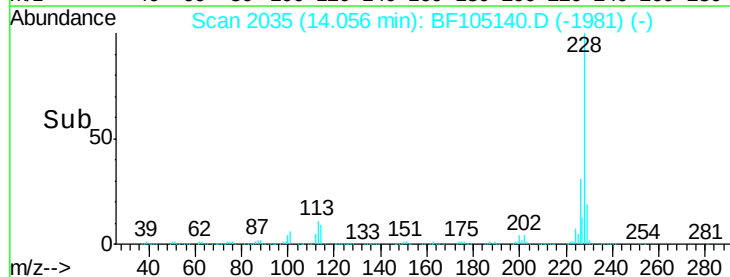
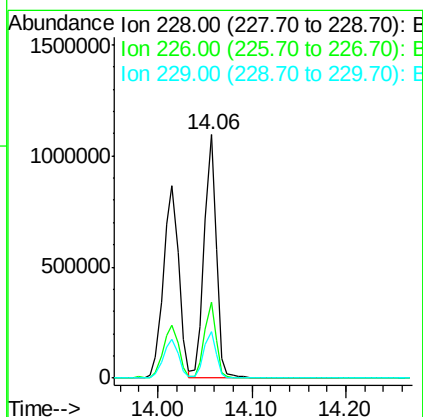
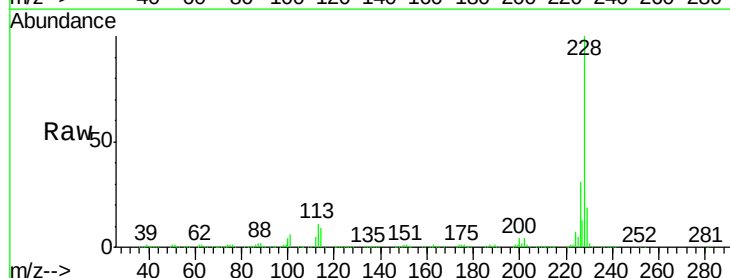
Instrument :
 BNA_F
 ClientSampleId :

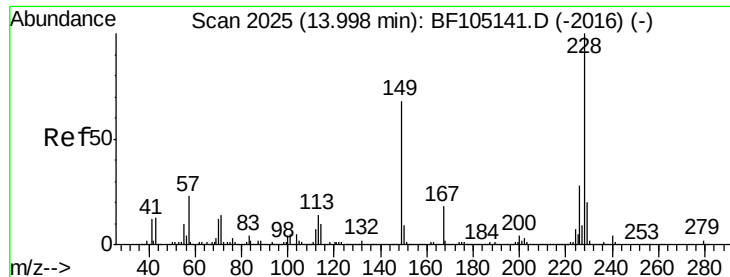
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.4	75.6
126	10.9	11.3	16.9#



#82
 Chrysene
 Concen: 26.004 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.02 min
 Lab File: BF105140.D
 Acq: 8 May 2018 12:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 16.991 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.02 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

Instrument :

BNA_F

ClientSampleId :

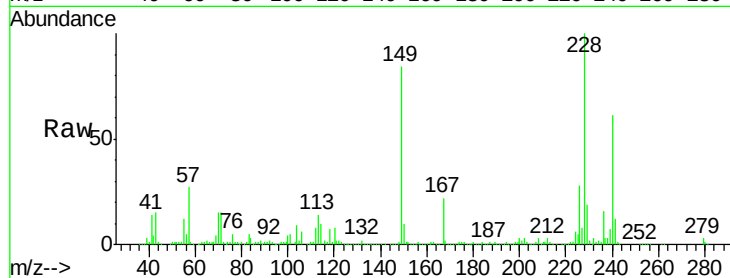
Tot Ion:149 Resp: 474111

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

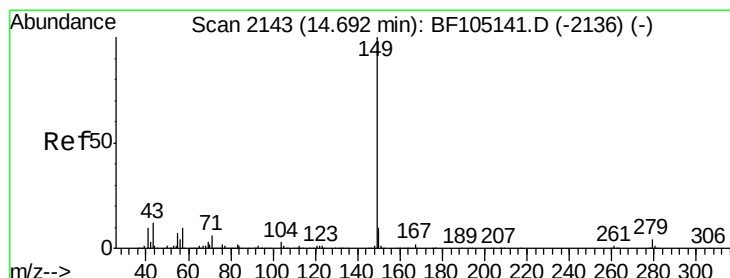
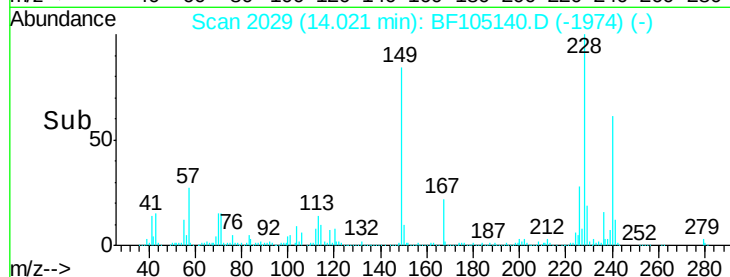
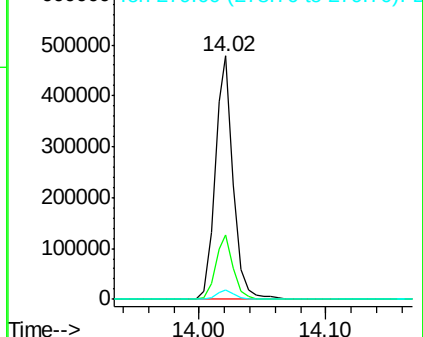
279 3.7 3.0 4.4



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: 15.532 ng

RT: 14.72 min Scan# 2148

Delta R.T. 0.03 min

Lab File: BF105140.D

Acq: 8 May 2018 12:06

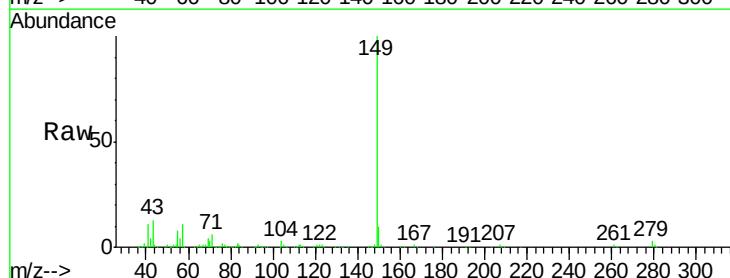
Tgt Ion:149 Resp: 724148

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

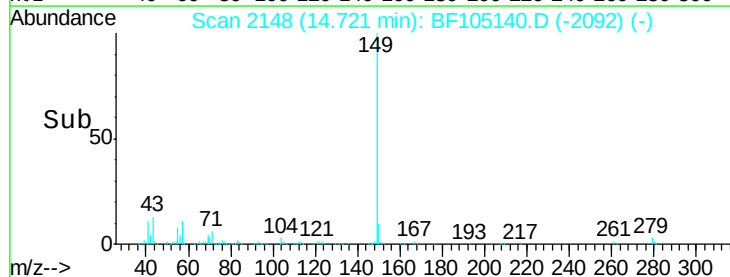
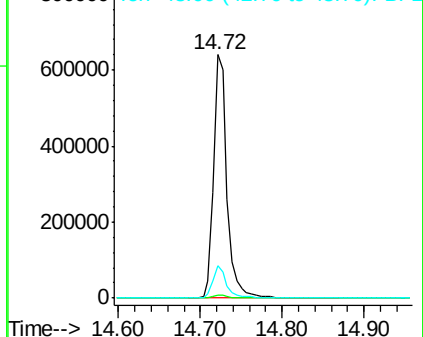
43 13.9 8.4 12.6#

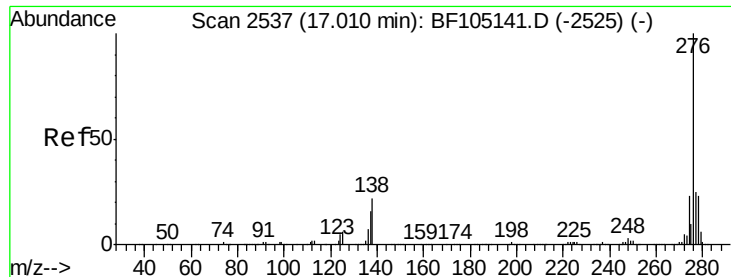


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

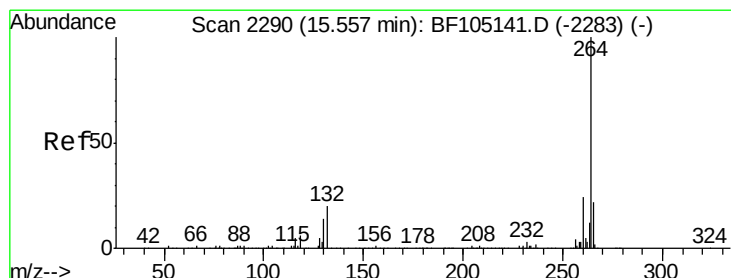
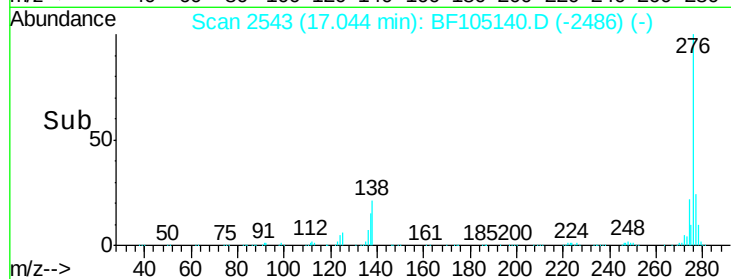
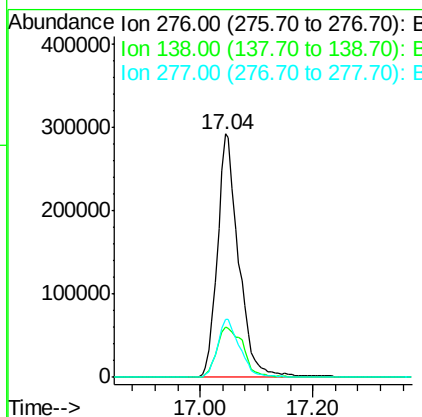
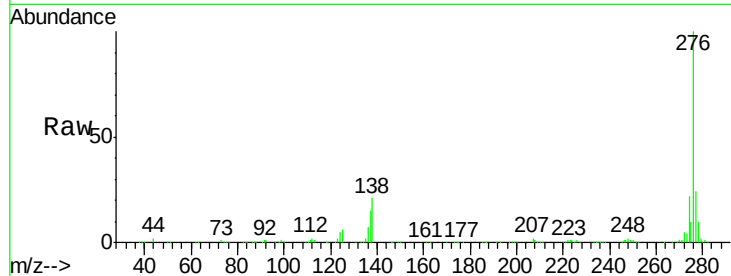




#85
Indeno(1,2,3-cd)pyrene
Concen: 23.781 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.03 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

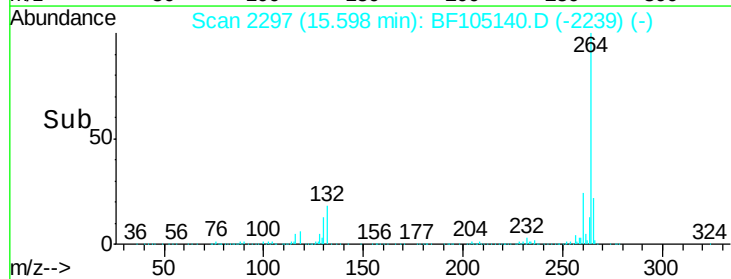
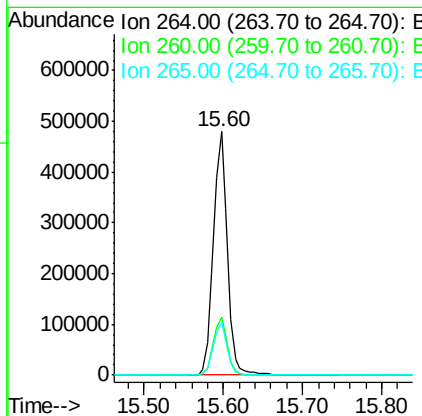
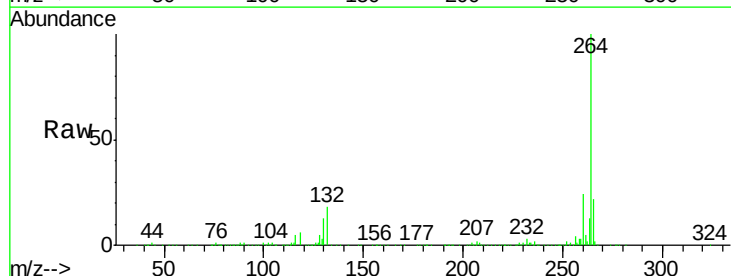
Instrument :
BNA_F
ClientSampleId :

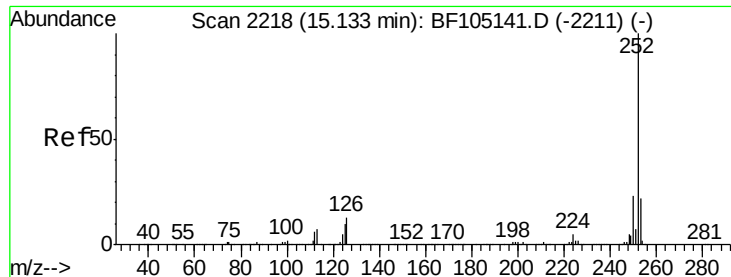
Tot Ion:276 Resp: 770075
Ion Ratio Lower Upper
276 100
138 25.2 25.0 37.6
277 25.0 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.04 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

Tgt Ion:264 Resp: 590536
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.7 17.5 26.3

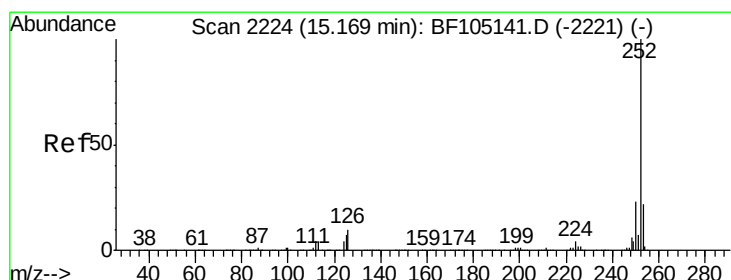
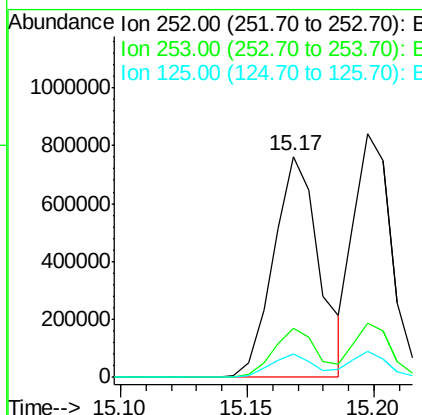
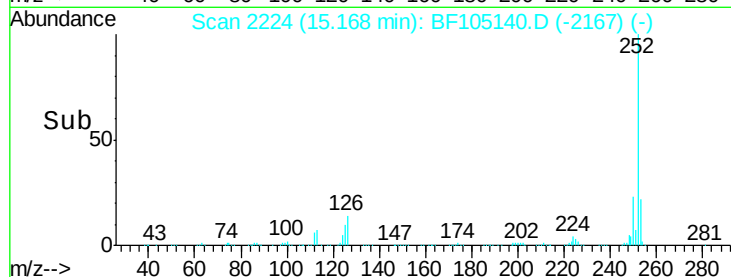
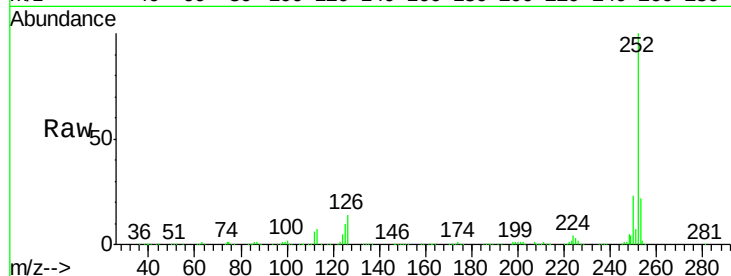




#87
Benzo(b)fluoranthene
Concen: 25.622 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.03 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

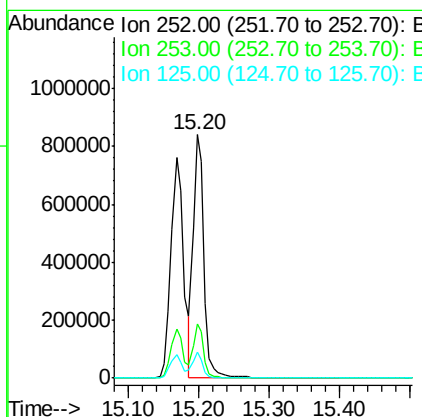
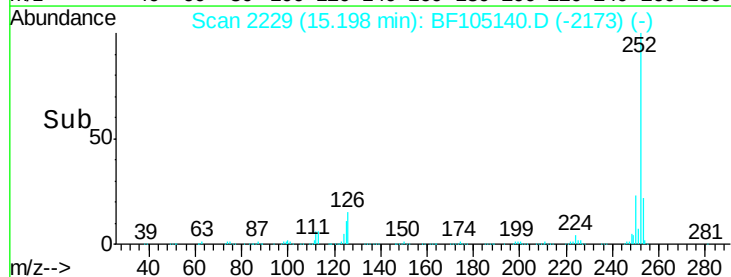
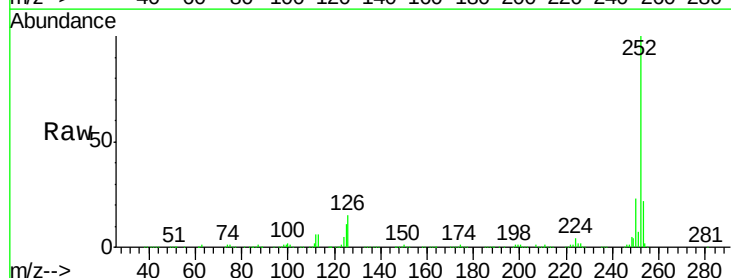
Instrument :
BNA_F
ClientSampleId :

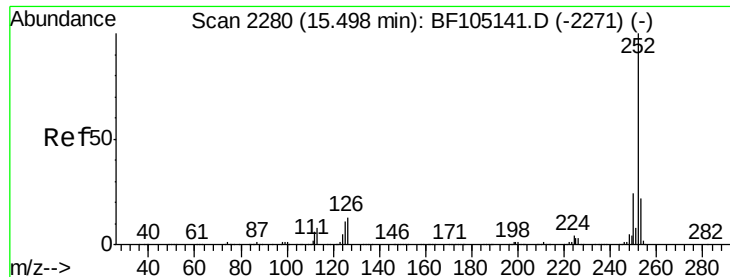
Tot Ion:252 Resp: 955624
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 10.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 25.650 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.03 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

Tgt Ion:252 Resp: 903195
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 10.5 10.2 15.2

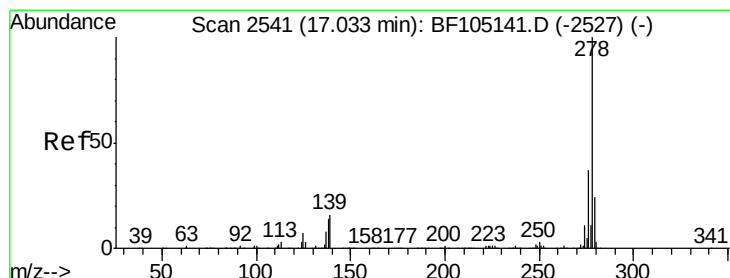
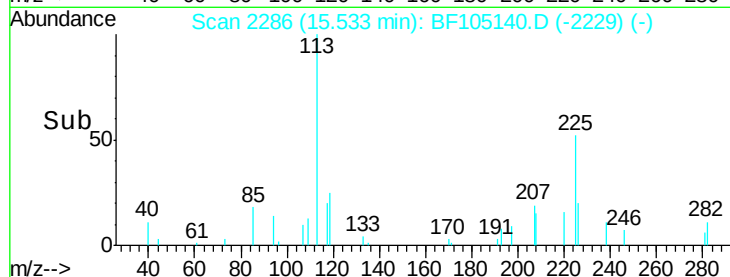
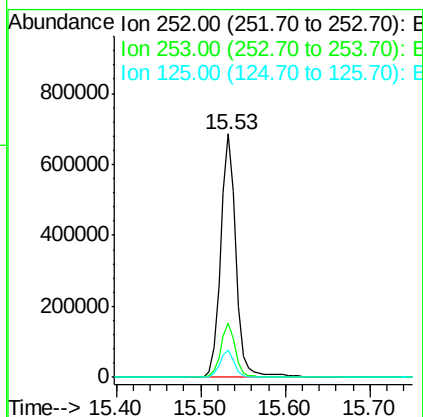
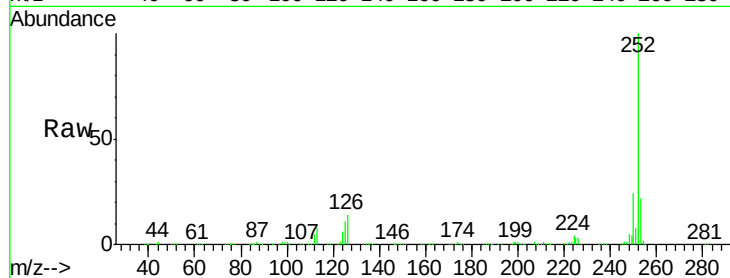




#89
Benzo(a)pyrene
Concen: 26.092 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.03 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

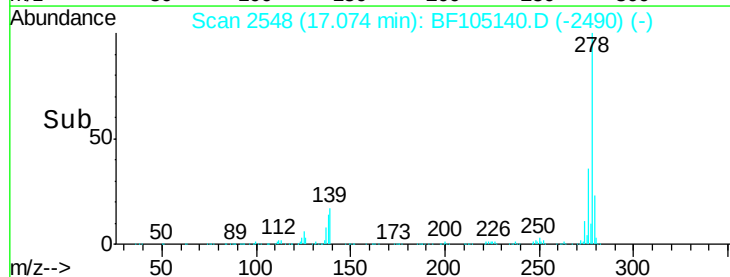
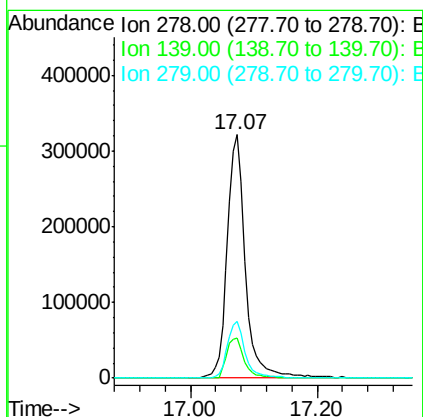
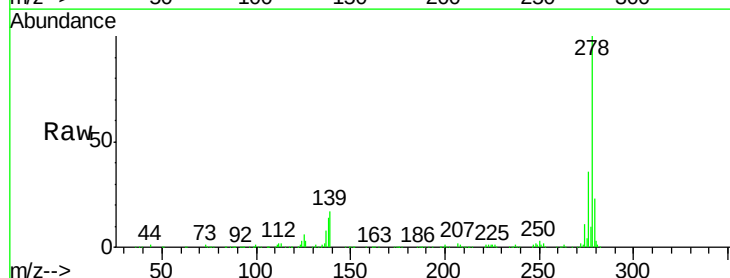
Instrument :
BNA_F
ClientSampleId :

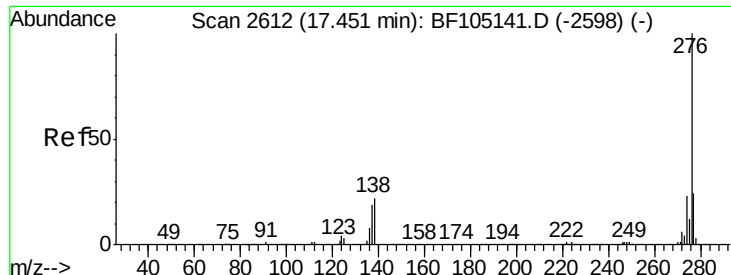
Tot Ion:252 Resp: 870720
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 11.1 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 23.294 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.04 min
Lab File: BF105140.D
Acq: 8 May 2018 12:06

Tgt Ion:278 Resp: 638447
Ion Ratio Lower Upper
278 100
139 16.6 15.9 23.9
279 23.4 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 23.583 ng

RT: 17.48 min Scan# 2617

Delta R.T. 0.03 min

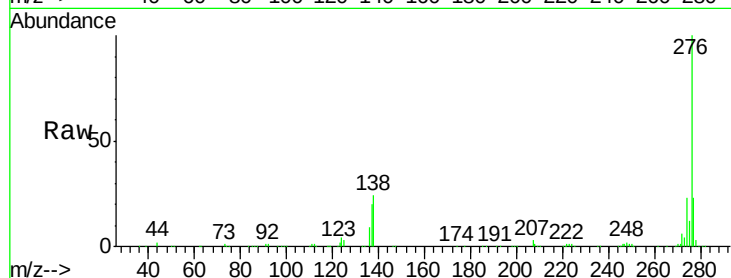
Lab File: BF105140.D

Acq: 8 May 2018 12:06

Instrument :

BNA_F

ClientSampleId :



Tot Ion:276 Resp: 626219

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 23.6 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

