

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104786.D
 Acq On : 25 Apr 2018 14:05
 Operator : JU/SJ
 Sample : J2511-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 08:09:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	109085	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	454463	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	209926	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	378916	20.00	ng	0.00
75) Chrysene-d12	13.98	240	215291	20.00	ng	0.00
86) Perylene-d12	15.45	264	222108	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	891005	124.89	ng	0.01
7) Phenol-d6	6.45	99	1092438	124.63	ng	0.00
23) Nitrobenzene-d5	7.37	82	695715	99.96	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	289606	132.99	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1151078	86.62	ng	0.00
78) Terphenyl-d14	12.92	244	1006606	106.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	107511	32.342	ng	87
3) Pyridine	3.30	79	308545	33.013	ng	87
4) n-Nitrosodimethylamine	3.26	42	128096	39.208	ng	# 87
6) Aniline	6.47	93	279168	22.924	ng	# 49
8) 2-Chlorophenol	6.59	128	333248	44.257	ng	93
9) Benzaldehyde	6.35	77	139756	28.692	ng	96
10) Phenol	6.46	94	386809	41.590	ng	81
11) bis(2-Chloroethyl)ether	6.54	93	297048	40.023	ng	94
12) 1,3-Dichlorobenzene	6.74	146	342212	40.116	ng	98
13) 1,4-Dichlorobenzene	6.82	146	348760	41.014	ng	99
14) 1,2-Dichlorobenzene	6.97	146	326407	41.422	ng	97
15) Benzyl Alcohol	6.95	79	269051	40.412	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	341510	34.263	ng	62
17) 2-Methylphenol	7.06	107	271910	41.542	ng	# 92
18) Hexachloroethane	7.31	117	125729	41.469	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	207946	36.304	ng	93
20) 3+4-Methylphenols	7.22	107	329792	40.626	ng	# 84
22) Acetophenone	7.22	105	438688	39.208	ng	# 97
24) Nitrobenzene	7.39	77	337483	43.920	ng	95
25) Isophorone	7.63	82	602504	40.938	ng	99
26) 2-Nitrophenol	7.70	139	181497	58.019	ng	96
27) 2,4-Dimethylphenol	7.75	122	287577	44.274	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	381667	42.415	ng	99
29) 2,4-Dichlorophenol	7.95	162	273521	44.134	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	282353	41.513	ng	99
31) Naphthalene	8.11	128	931946	41.182	ng	100
32) Benzoic acid	7.75	122	287577	55.490	ng	# 14
33) 4-Chloroaniline	8.16	127	152763	15.757	ng	97
34) Hexachlorobutadiene	8.22	225	151366	40.630	ng	99
35) Caprolactam	8.54	113	50114	23.180	ng	# 76
36) 4-Chloro-3-methylphenol	8.66	107	296548	44.625	ng	98
37) 2-Methylnaphthalene	8.80	142	614286	41.965	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	265153	44.124	ng	99
40) Hexachlorocyclopentadiene	8.95	237	148318	44.087	ng	97

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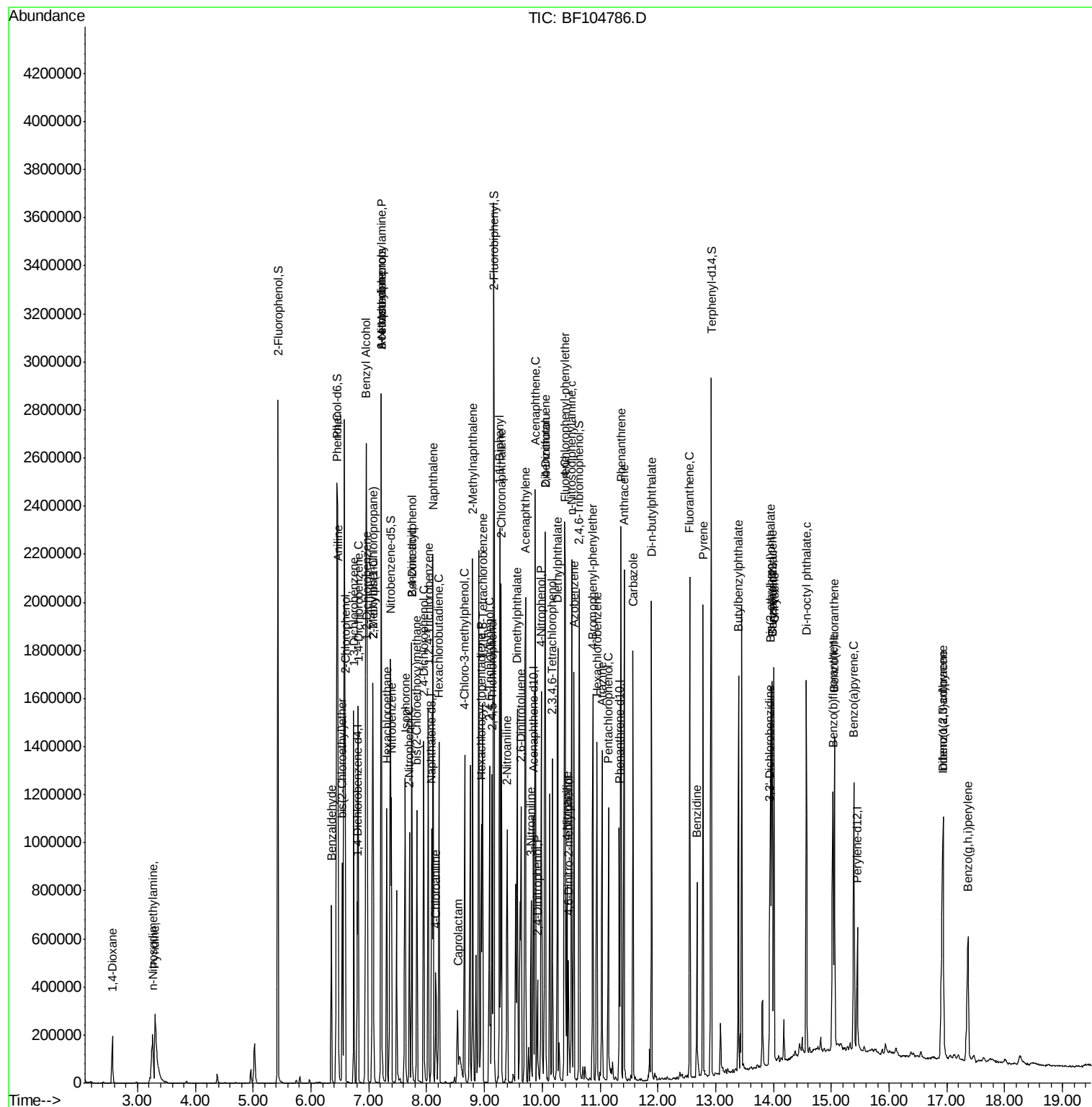
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	186525	44.714	ng	96
43) 2,4,5-Trichlorophenol	9.13	196	202410	43.360	ng	99
45) 1,1'-Biphenyl	9.26	154	724267	41.069	ng	99
46) 2-Chloronaphthalene	9.29	162	573822	41.194	ng	100
47) 2-Nitroaniline	9.39	65	176578	51.259	ng	97
48) Acenaphthylene	9.71	152	850138	38.899	ng	99
49) Dimethylphthalate	9.57	163	782092	47.244	ng	100
50) 2,6-Dinitrotoluene	9.64	165	153712	50.180	ng	# 87
51) Acenaphthene	9.88	154	495449	37.155	ng	99
52) 3-Nitroaniline	9.80	138	123994	34.576	ng	99
53) 2,4-Dinitrophenol	9.92	184	56767	53.668	ng	# 25
54) Dibenzofuran	10.05	168	750041	40.361	ng	96
55) 4-Nitrophenol	9.99	139	221011	78.457	ng	98
56) 2,4-Dinitrotoluene	10.05	165	192733	47.967	ng	# 96
57) Fluorene	10.40	166	596163	44.075	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	151374	43.466	ng	94
59) Diethylphthalate	10.27	149	693728	42.077	ng	99
60) 4-Chlorophenyl-phenylether	10.39	204	275117	45.671	ng	95
61) 4-Nitroaniline	10.43	138	164167	46.820	ng	97
62) Azobenzene	10.55	77	603058	38.286	ng	96
64) 4,6-Dinitro-2-methylphenol	10.46	198	67550	38.349	ng	# 76
65) n-Nitrosodiphenylamine	10.51	169	541542	41.220	ng	100
66) 4-Bromophenyl-phenylether	10.87	248	169472	42.048	ng	95
67) Hexachlorobenzene	10.95	284	187230	41.285	ng	# 90
68) Atrazine	11.04	200	176458	44.497	ng	98
69) Pentachlorophenol	11.15	266	138262	49.280	ng	97
70) Phenanthrene	11.36	178	849550	40.260	ng	99
71) Anthracene	11.42	178	867398	40.438	ng	99
72) Carbazole	11.57	167	781715	37.295	ng	99
73) Di-n-butylphthalate	11.89	149	1009800	39.439	ng	99
74) Fluoranthene	12.55	202	789376	35.804	ng	97
76) Benzidine	12.67	184	313560	44.251	ng	98
77) Pyrene	12.78	202	760900	47.681	ng	100
79) Butylbenzylphthalate	13.39	149	357516	47.554	ng	99
80) Benzo(a)anthracene	13.97	228	593856	46.172	ng	98
81) 3,3'-Dichlorobenzidine	13.93	252	147083	30.671	ng	98
82) Chrysene	14.01	228	546416	41.361	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	478112	49.442	ng	100
84) Di-n-octyl phthalate	14.57	149	723513	44.777	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.92	276	563505	50.212	ng	94
87) Benzo(b)fluoranthene	15.03	252	577013	41.133	ng	99
88) Benzo(k)fluoranthene	15.06	252	524102	39.574	ng	98
89) Benzo(a)pyrene	15.39	252	536620	42.753	ng	99
90) Dibenzo(a,h)anthracene	16.93	278	469253	45.521	ng	96
91) Benzo(g,h,i)perylene	17.36	276	452011	45.259	ng	93

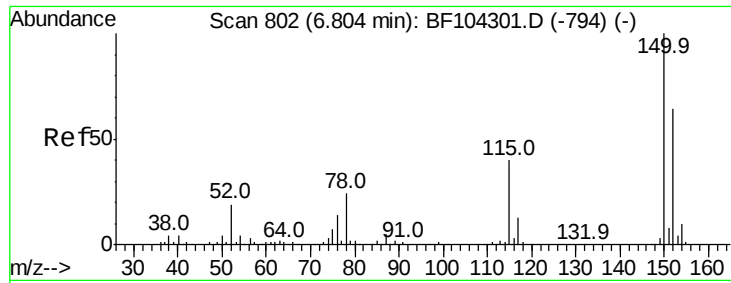
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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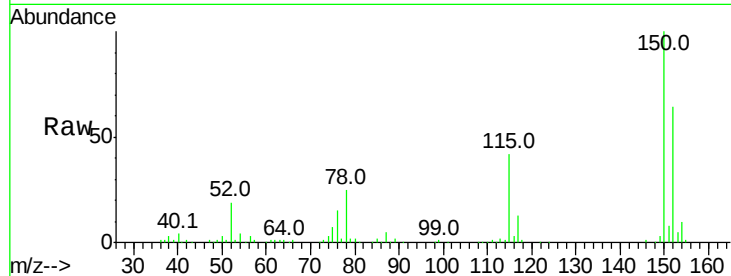


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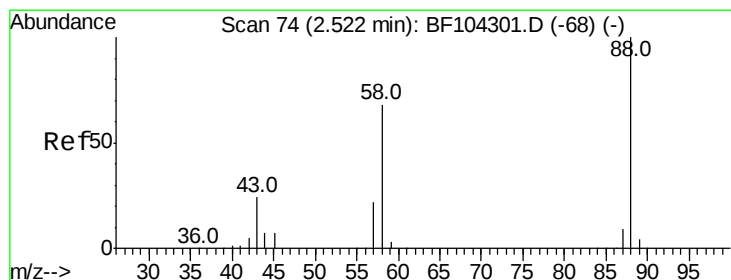
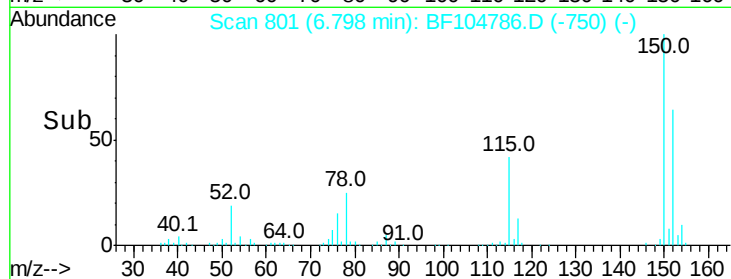
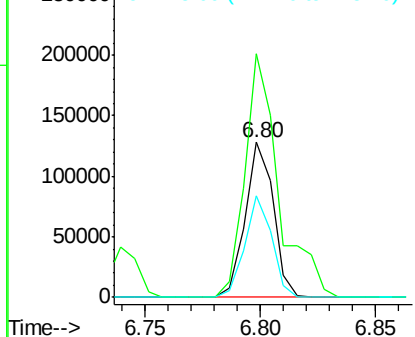
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 109085
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 65.5 50.1 75.1



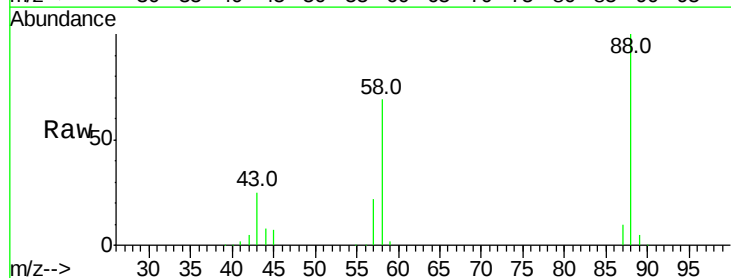
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



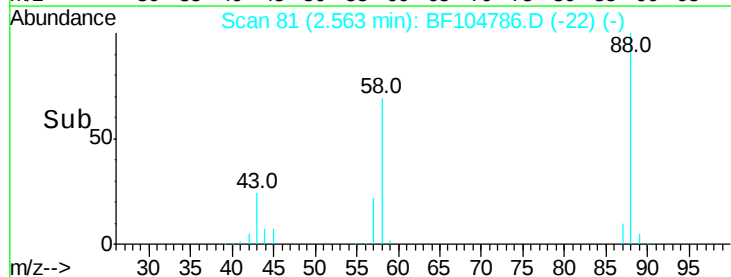
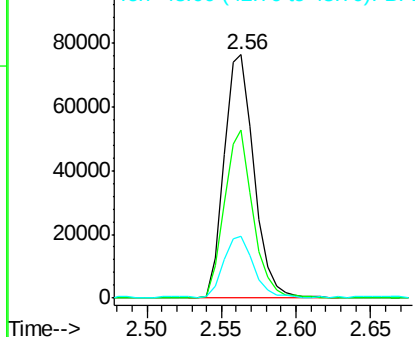
#2

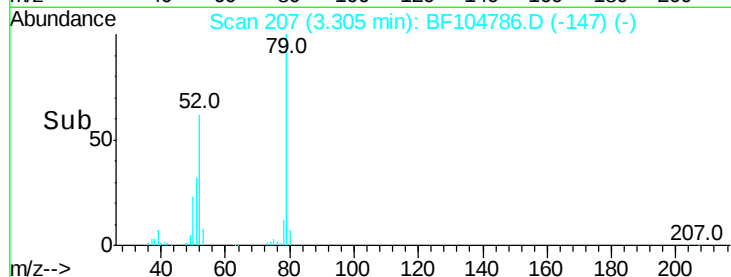
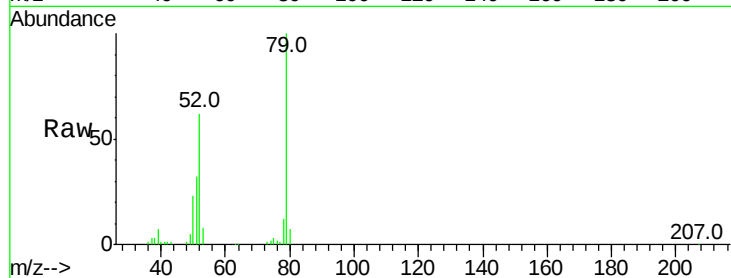
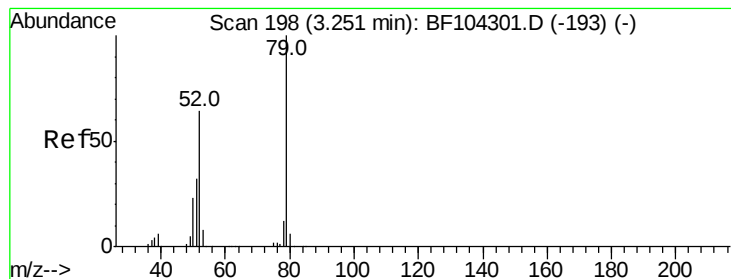
1,4-Dioxane
Concen: 32.342 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.05 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

Tgt Ion: 88 Resp: 107511
Ion Ratio Lower Upper
88 100
58 65.9 62.6 93.8
43 26.0 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: 33.013 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.05 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

Instrument :

BNA_F

ClientSampleId :

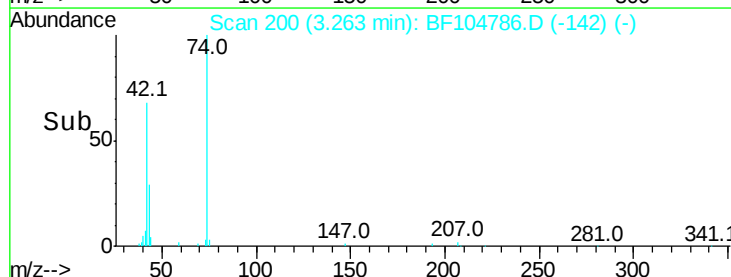
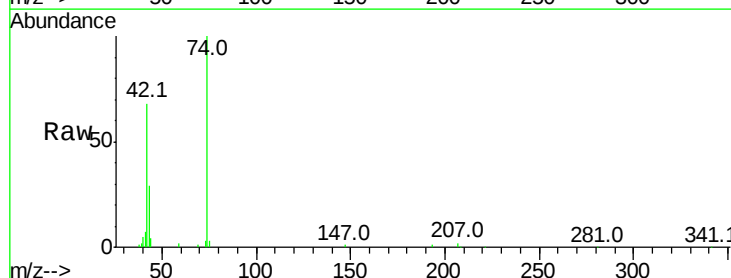
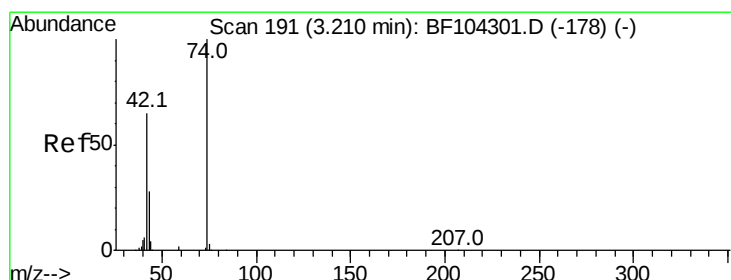
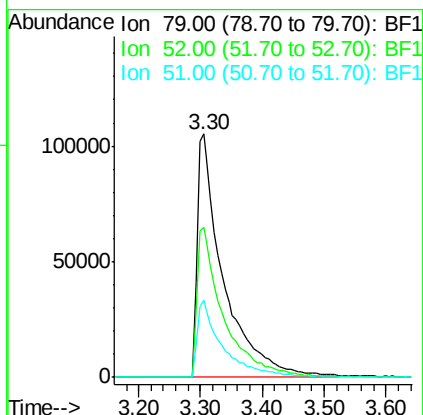
Tot Ion: 79 Resp: 308545

Ion Ratio Lower Upper

79 100

52 61.8 59.8 89.6

51 31.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 39.208 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.04 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

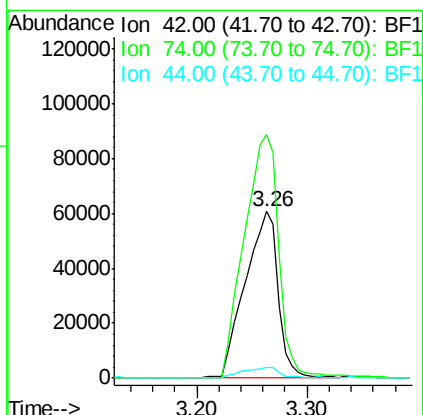
Tgt Ion: 42 Resp: 128096

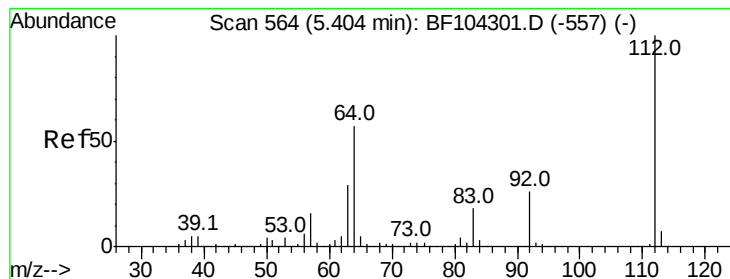
Ion Ratio Lower Upper

42 100

74 146.4 104.9 157.3

44 6.4 6.9 10.3#





#5

2-Fluorophenol

Concen: 124.893 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

Instrument :
BNA_F
ClientSampleId :

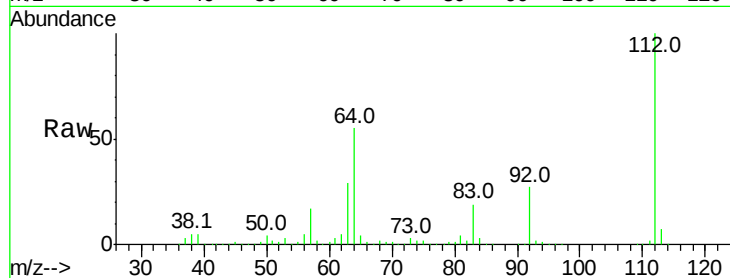
Tot Ion:112 Resp: 891005

Ion Ratio Lower Upper

112 100

64 55.5 47.9 71.9

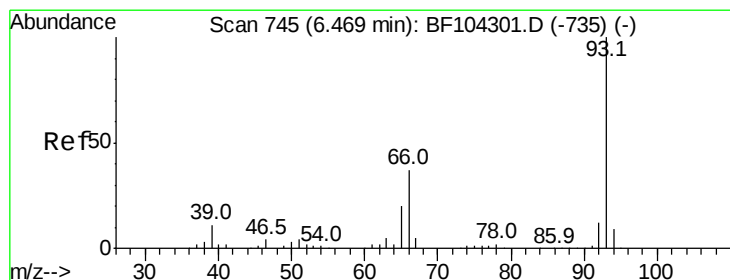
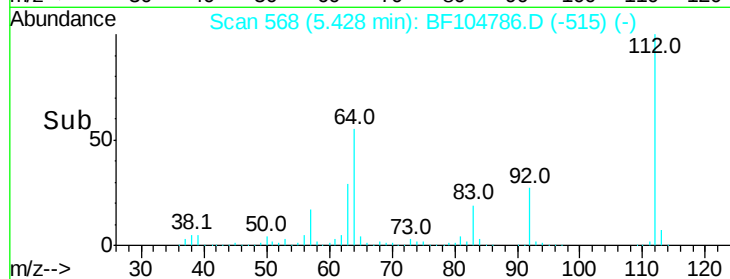
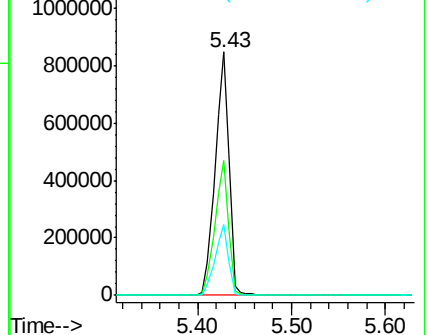
63 29.4 23.7 35.5



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: 22.924 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

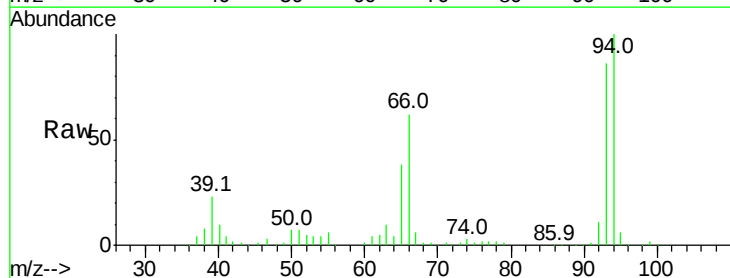
Tgt Ion: 93 Resp: 279168

Ion Ratio Lower Upper

93 100

66 71.8 32.2 48.2#

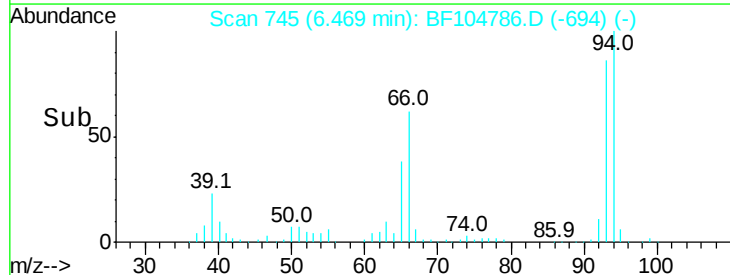
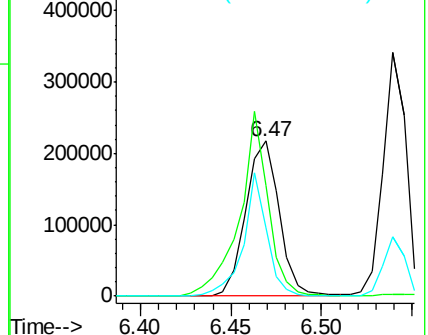
65 44.4 16.4 24.6#



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: 124.629 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

Instrument :

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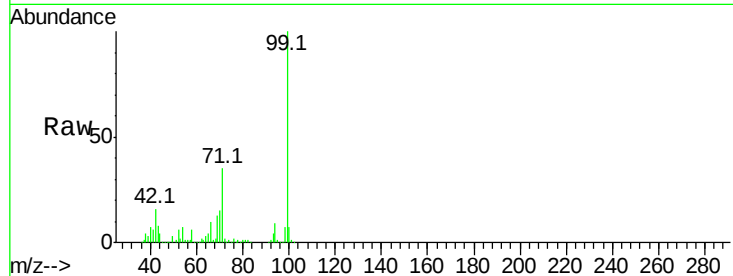
Tot Ion: 99 Resp: 1092438

Ion Ratio Lower Upper

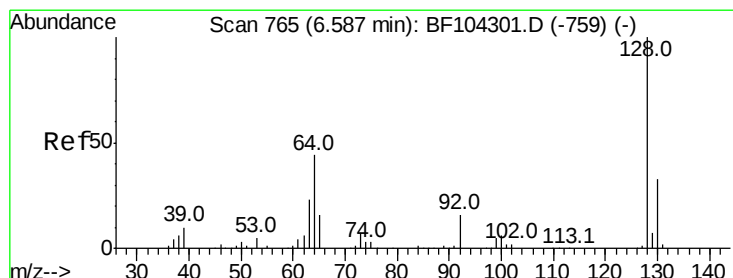
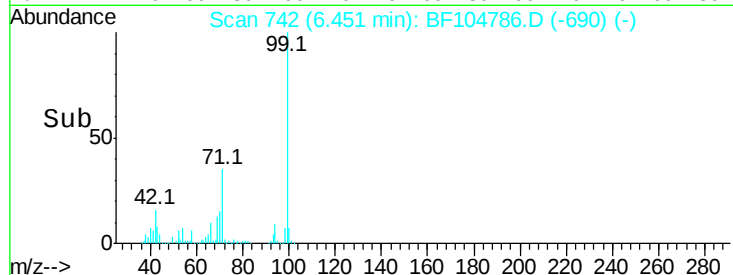
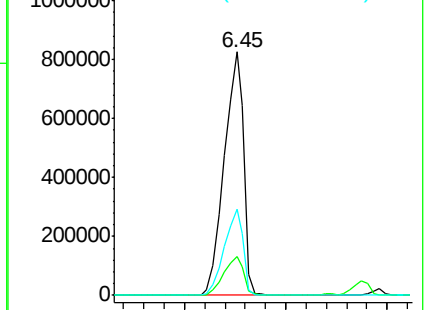
99 100

42 16.2 14.5 21.7

71 35.2 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: 44.257 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF104786.D

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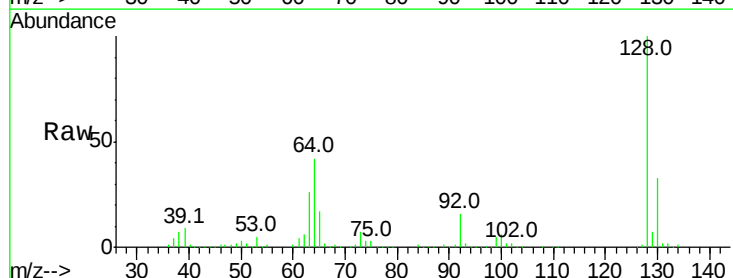
Tgt Ion: 128 Resp: 333248

Ion Ratio Lower Upper

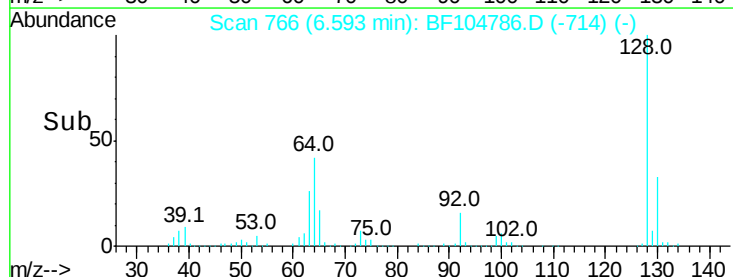
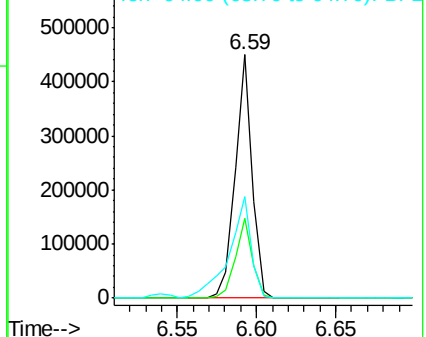
128 100

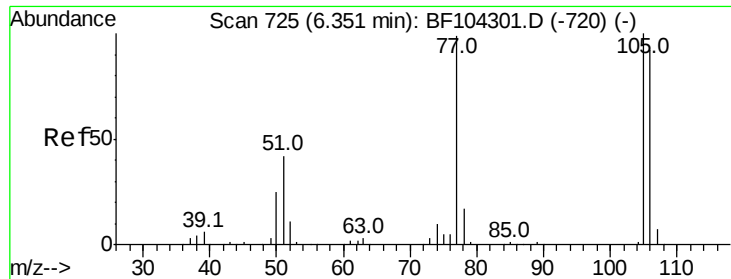
130 32.6 13.0 53.0

64 41.8 29.4 69.4



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





#9

Benzaldehyde

Concen: 28.692 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF104786.D

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ClientSampled :

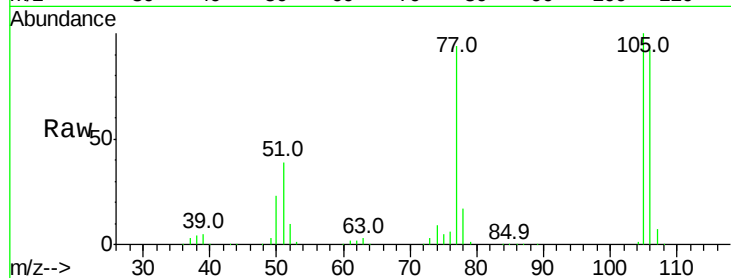
Tot Ion: 77 Resp: 139756

Ion Ratio Lower Upper

77 100

105 106.2 81.1 121.1

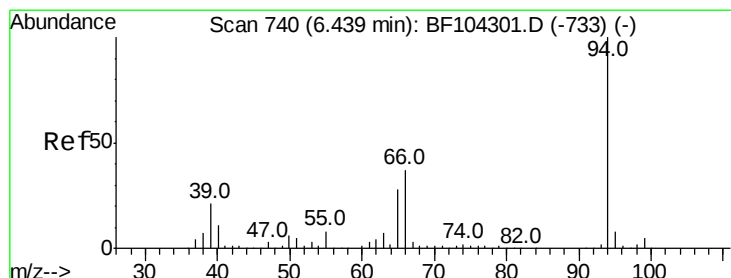
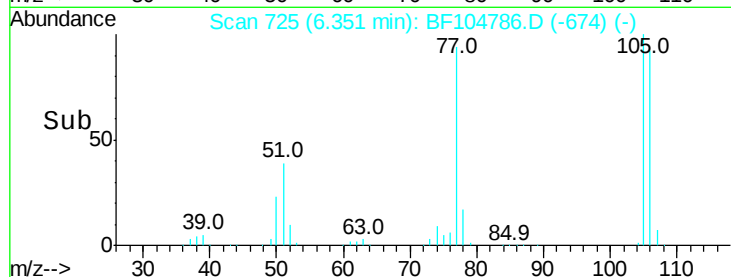
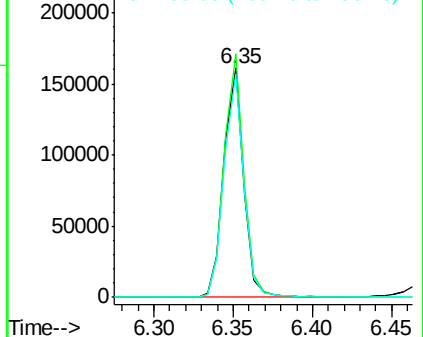
106 97.2 74.5 114.5



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: 41.590 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

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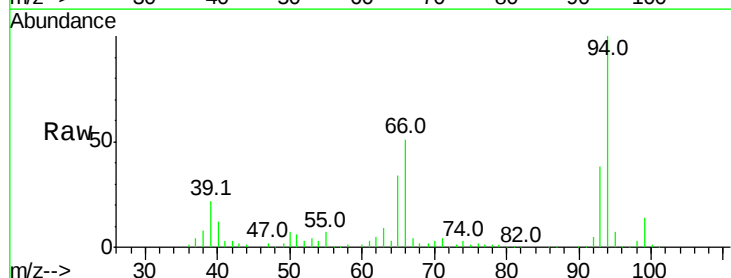
Tgt Ion: 94 Resp: 386809

Ion Ratio Lower Upper

94 100

65 34.0 7.9 47.9

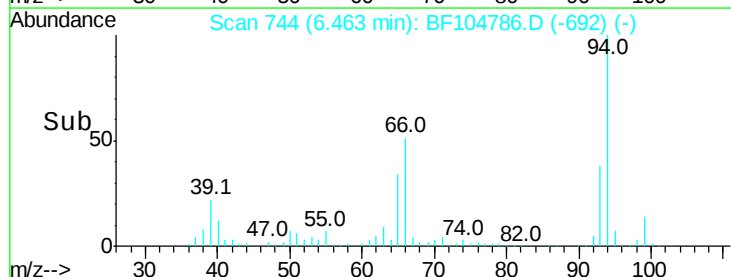
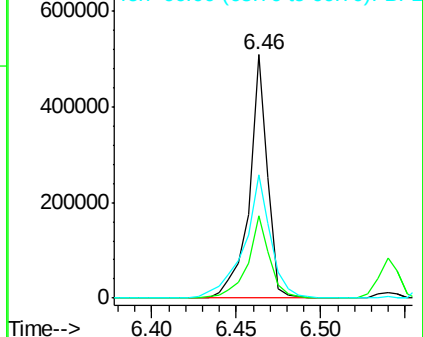
66 50.7 16.2 56.2

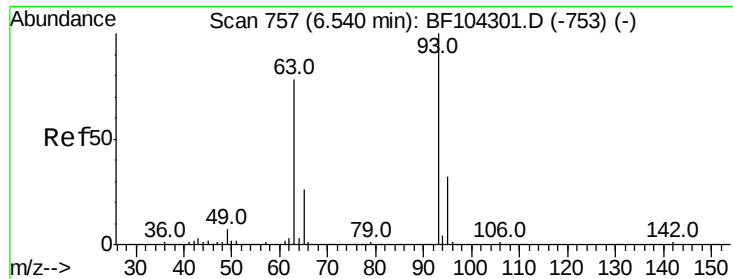


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

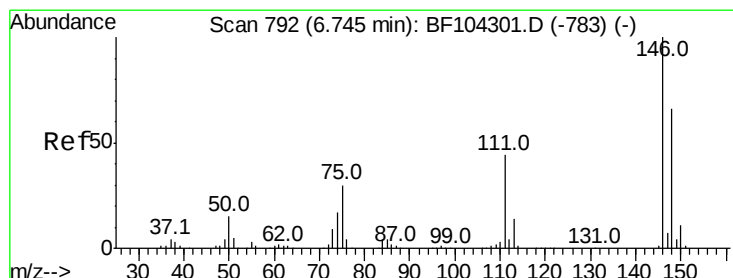
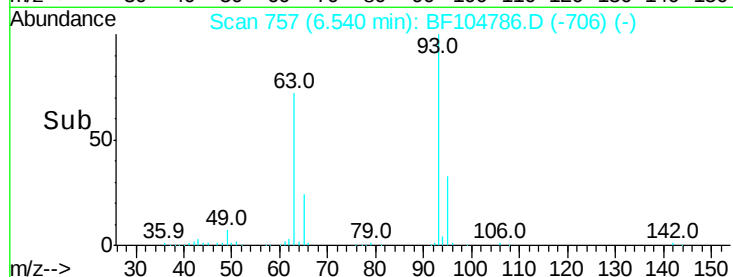
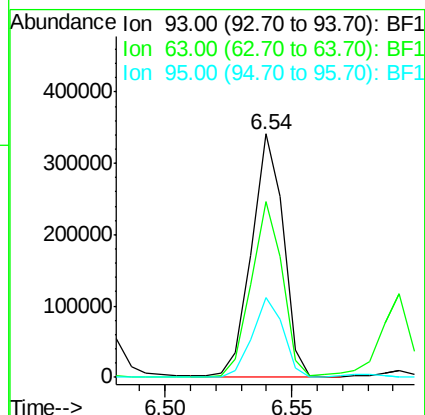
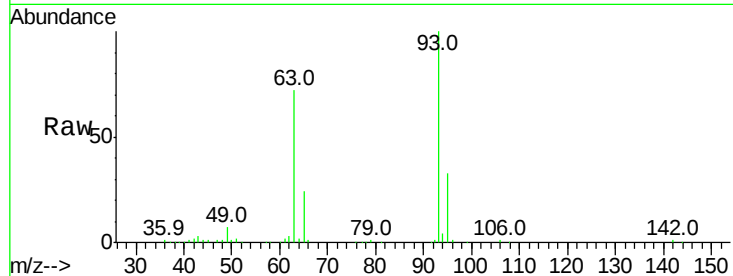




#11
bis(2-Chloroethyl)ether
Concen: 40.023 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

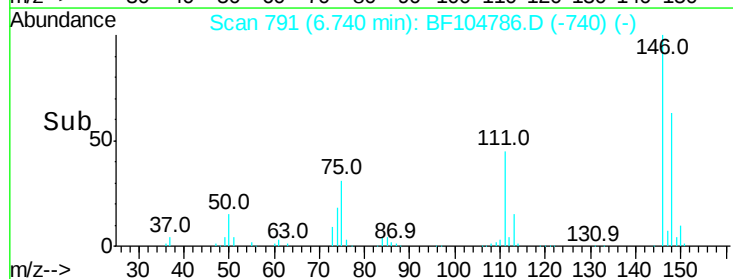
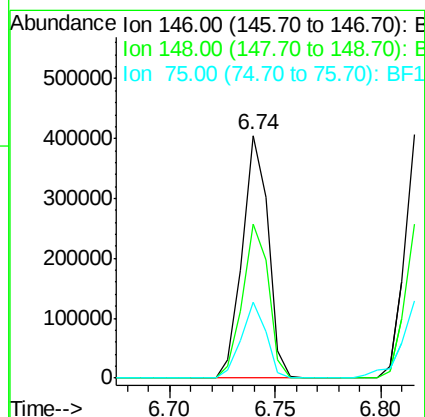
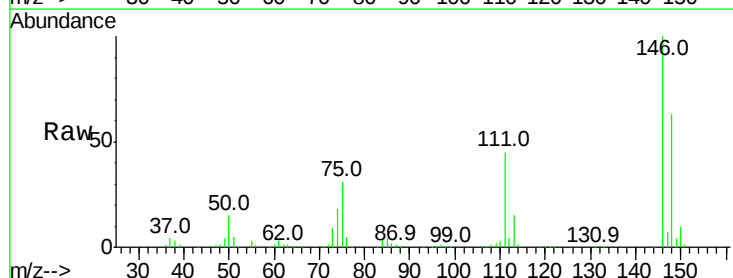
Instrument :
BNA_F
ClientSampleId :

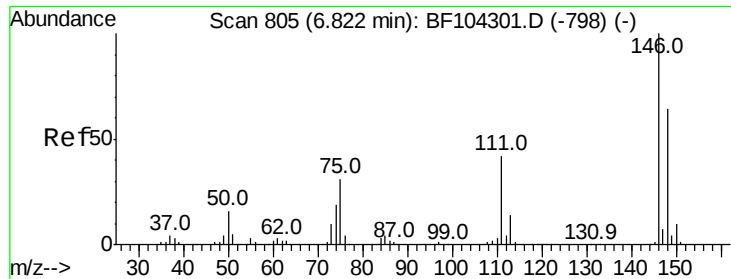
Tot Ion: 93 Resp: 297048
Ion Ratio Lower Upper
93 100
63 72.0 58.6 98.6
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.116 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

Tgt Ion: 146 Resp: 342212
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.8
75 31.2 24.2 36.4

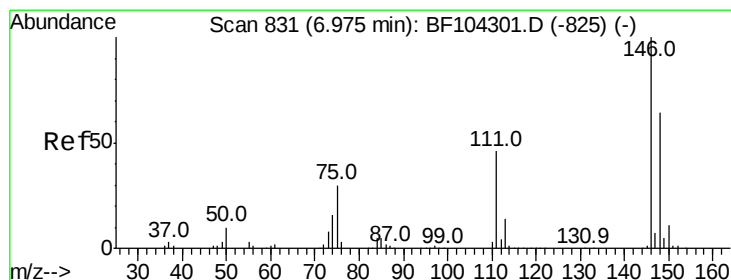
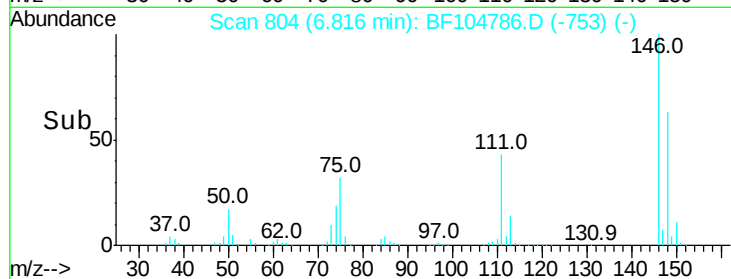
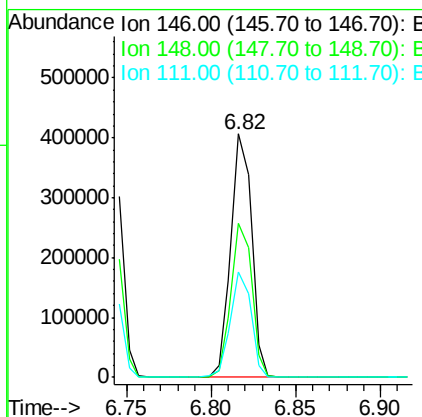
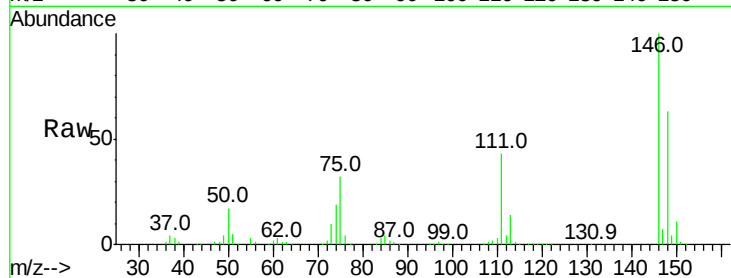




#13
 1,4-Dichlorobenzene
 Concen: 41.014 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF104786.D
 Acq: 25 Apr 2018 14:05

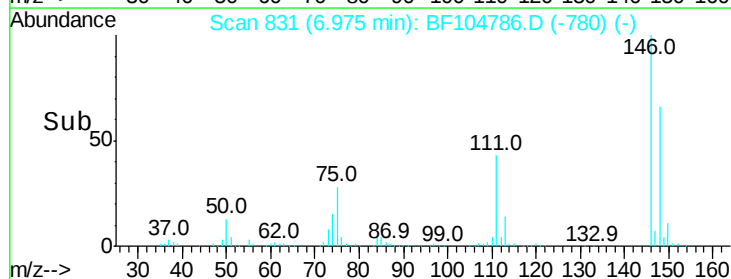
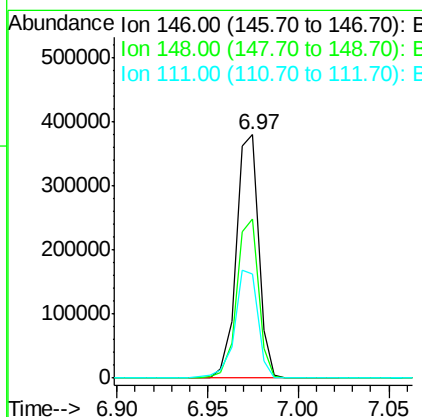
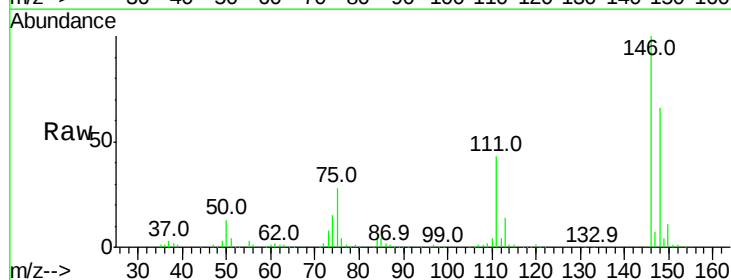
Instrument :
 BNA_F
 ClientSampled :

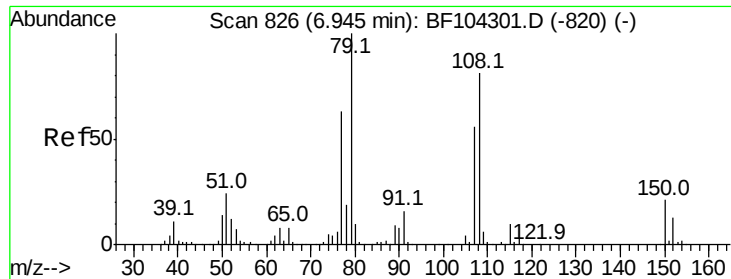
Tot Ion:146 Resp: 348760
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.8 76.2
 111 43.4 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 41.422 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF104786.D
 Acq: 25 Apr 2018 14:05

Tgt Ion:146 Resp: 326407
 Ion Ratio Lower Upper
 146 100
 148 65.6 50.6 75.8
 111 42.9 36.0 54.0

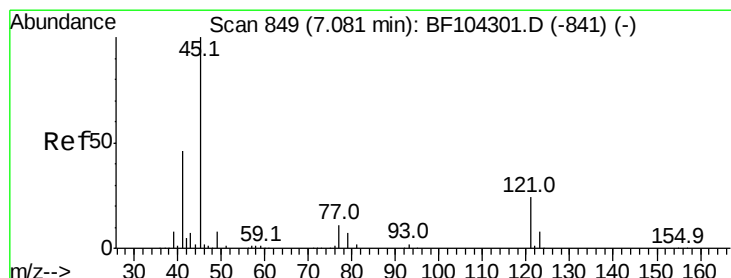
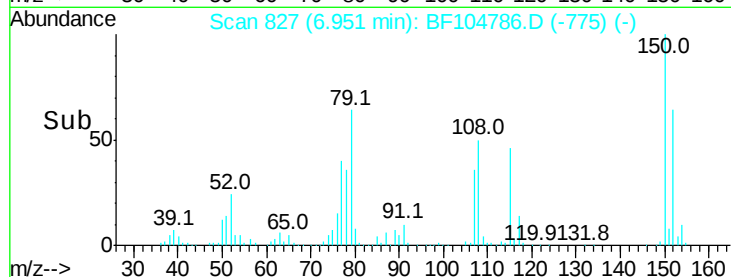
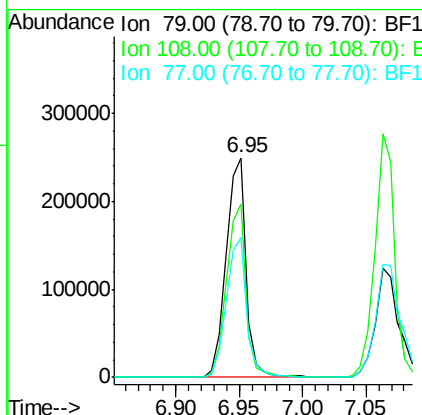
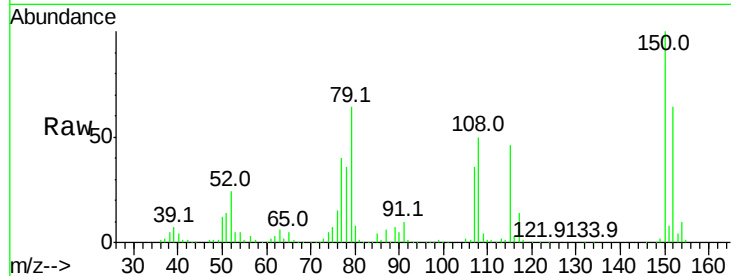




#15
Benzyl Alcohol
Concen: 40.412 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

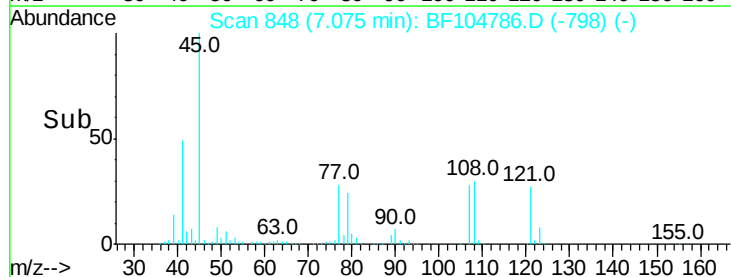
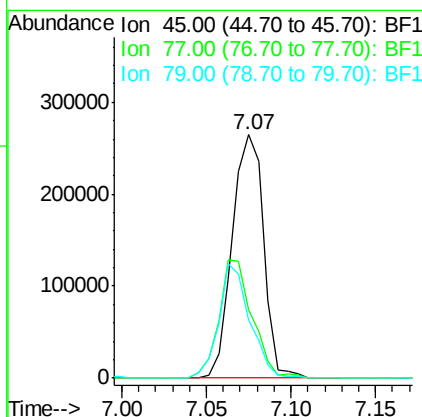
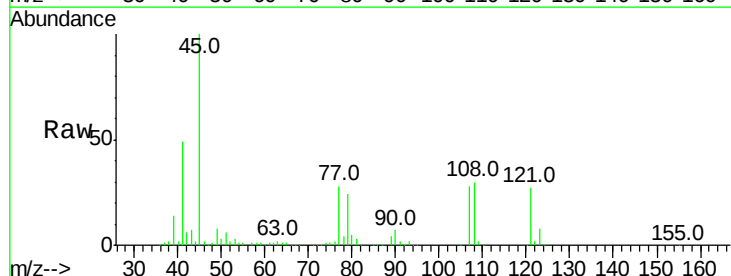
Instrument :
BNA_F
ClientSampleID :

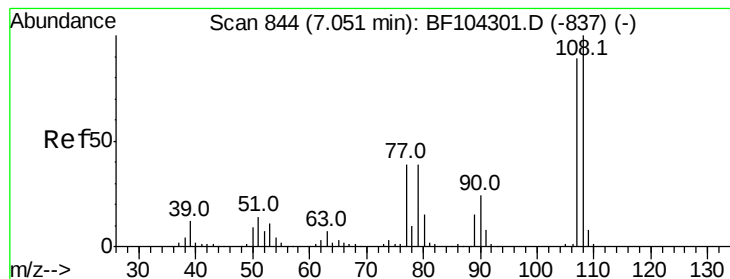
Tot Ion: 79 Resp: 269051
Ion Ratio Lower Upper
79 100
108 79.2 65.1 97.7
77 63.7 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.263 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

Tgt Ion: 45 Resp: 341510
Ion Ratio Lower Upper
45 100
77 27.8 0.0 32.9
79 23.8 0.0 29.6

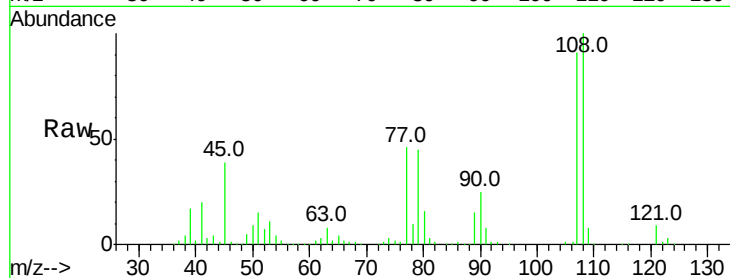




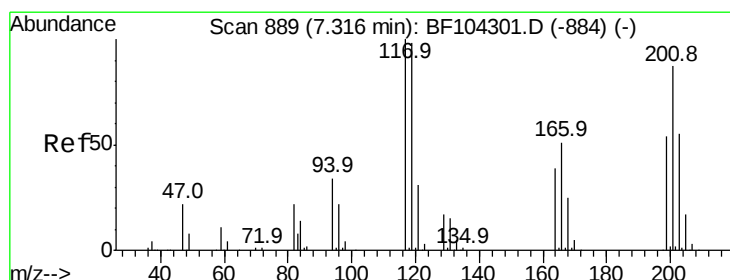
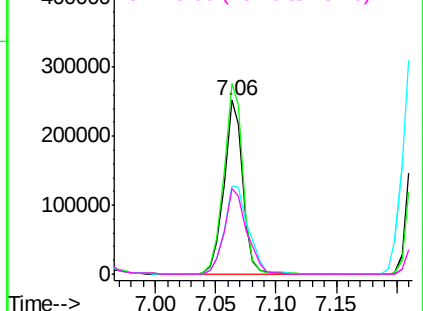
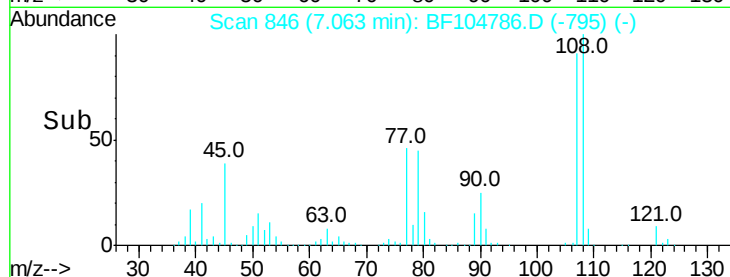
#17
2-Methylphenol
Concen: 41.542 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 271910
Ion Ratio Lower Upper
107 100
108 110.0 91.7 137.5
77 51.1 33.8 50.8#
79 49.4 33.8 50.8

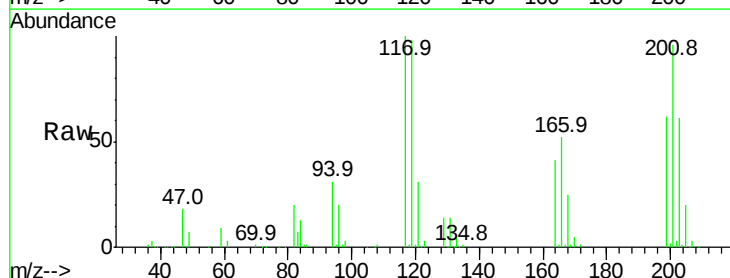


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

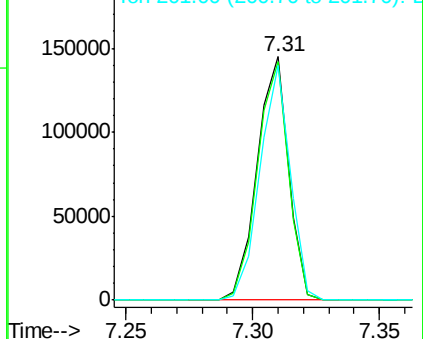
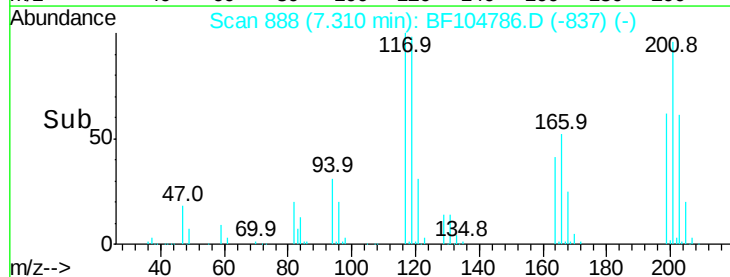


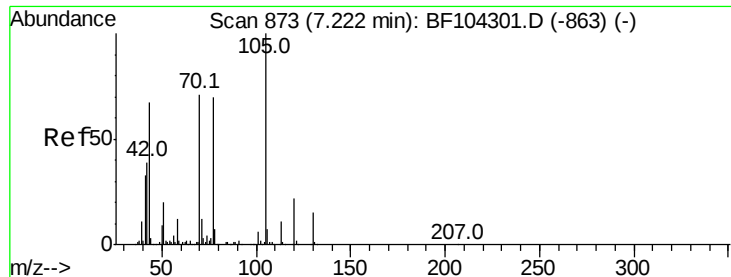
#18
Hexachloroethane
Concen: 41.469 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

Tgt Ion:117 Resp: 125729
Ion Ratio Lower Upper
117 100
119 97.9 75.8 113.8
201 96.3 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

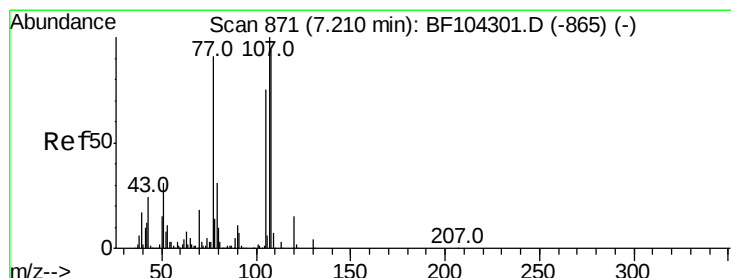
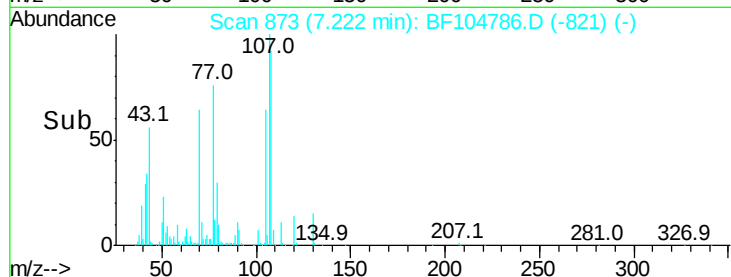
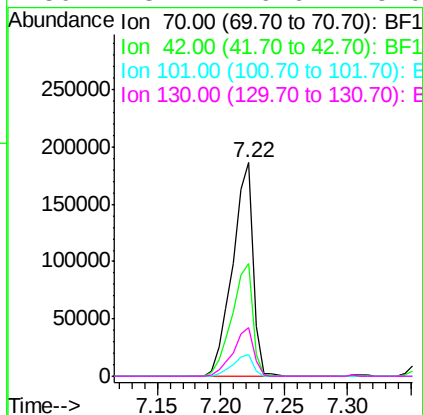
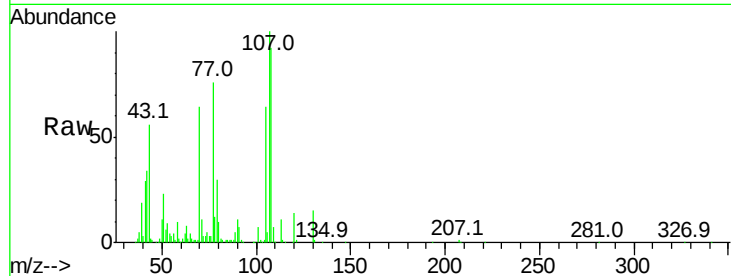




#19
n-Nitroso-di-n-propylamine
Concen: 36.304 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

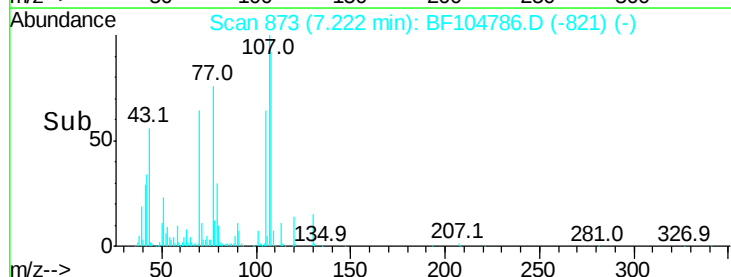
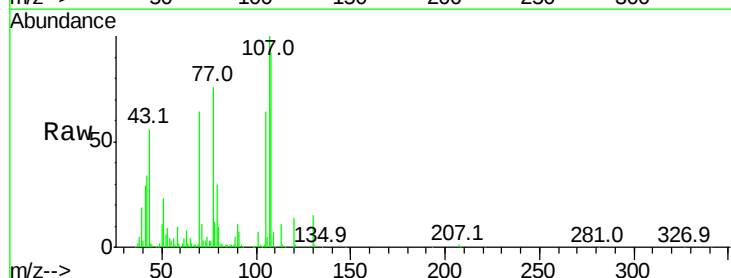
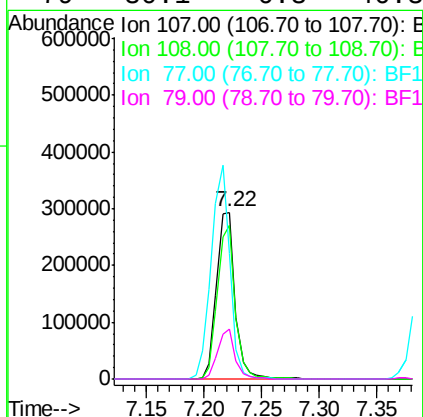
Instrument :
BNA_F
ClientSampleId :

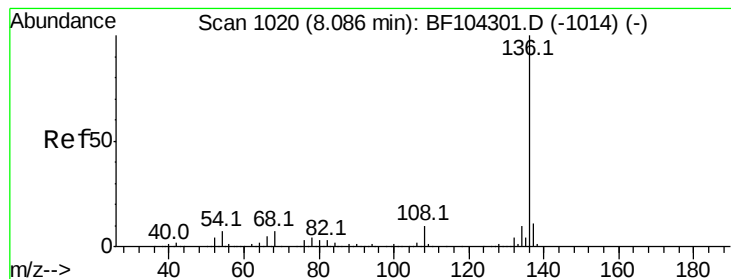
Tot Ion	70	Resp	207946
Ion	Ratio	Lower	Upper
70	100		
42	52.8	47.5	71.3
101	10.4	7.4	11.2
130	23.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 40.626 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

Tgt Ion	107	Resp	329792
Ion	Ratio	Lower	Upper
107	100		
108	92.2	68.2	108.2
77	75.7	26.7	66.7#
79	30.1	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 454463

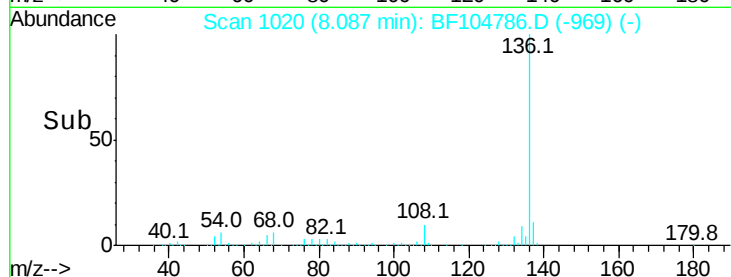
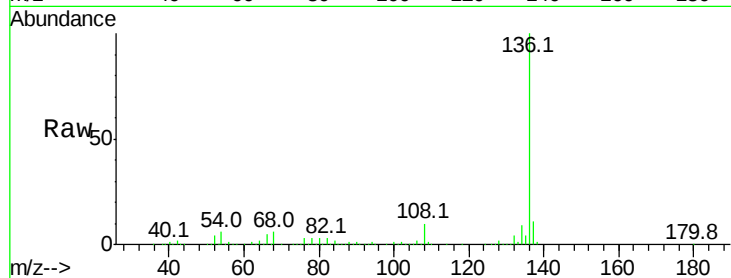
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.4 6.6 9.8#

68 5.5 5.0 7.4

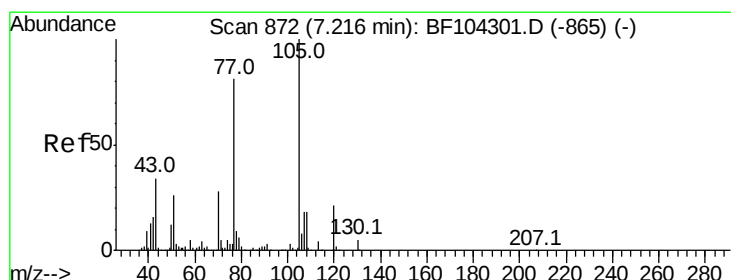
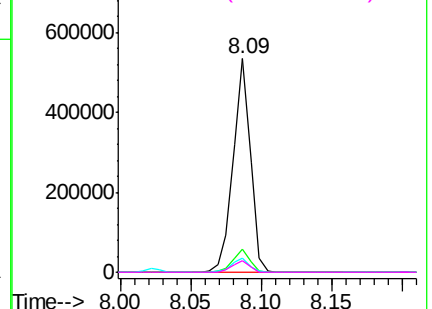


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.208 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

Tgt Ion:105 Resp: 438688

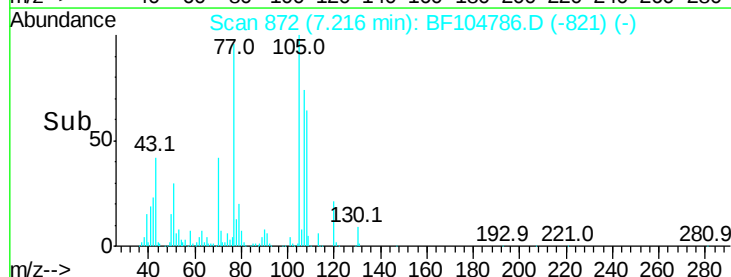
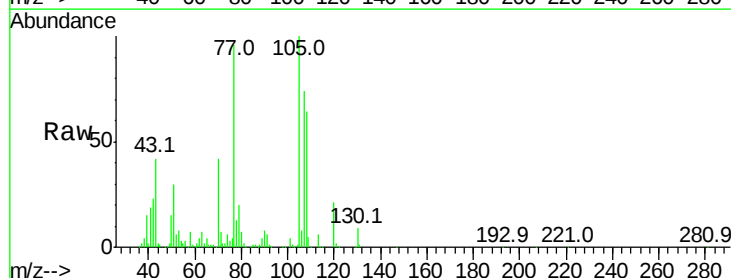
Ion Ratio Lower Upper

105 100

71 7.1 4.4 6.6#

51 30.4 22.3 33.5

120 21.2 16.9 25.3

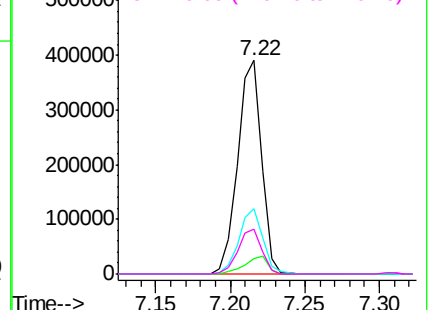


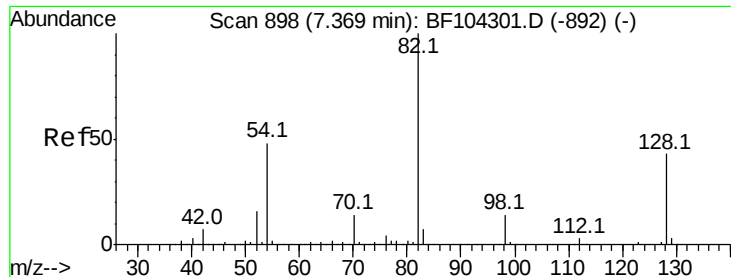
Abundance Ion 105.00 (104.70 to 105.70): E

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

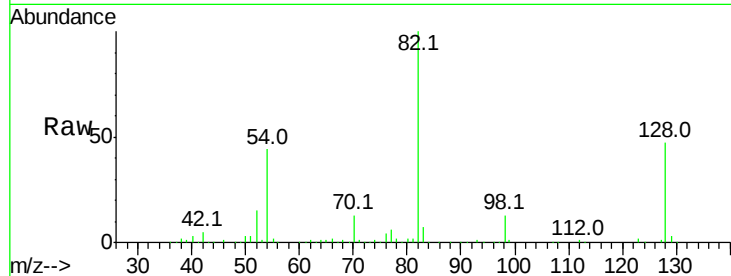




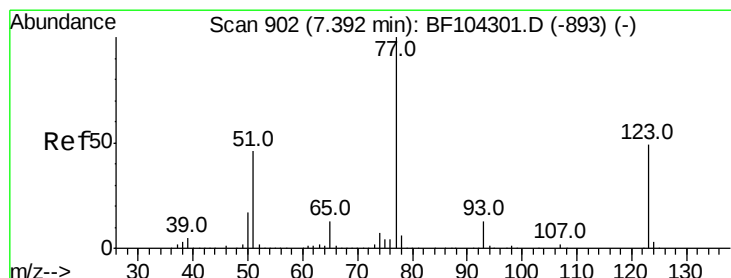
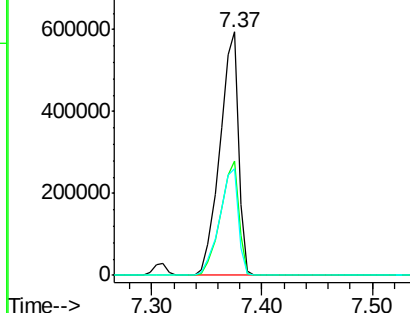
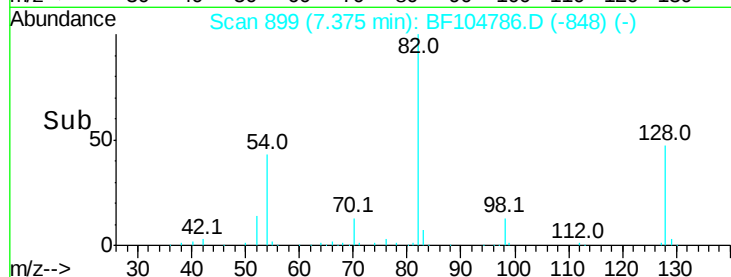
#23
Nitrobenzene-d5
Concen: 99.962 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	695715
Ion Ratio	100	Lower	Upper
128	46.9	36.1	54.1
54	43.8	41.4	62.2

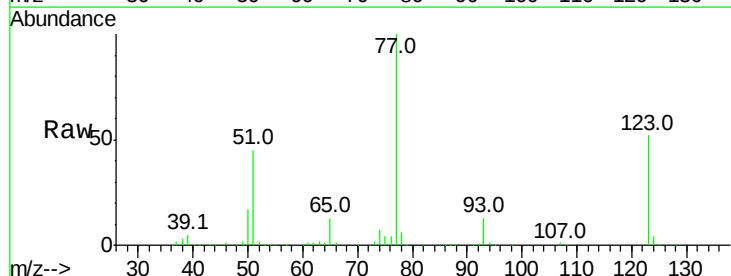


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

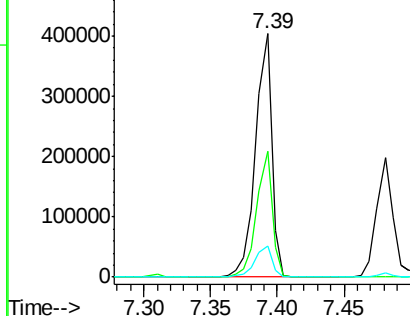
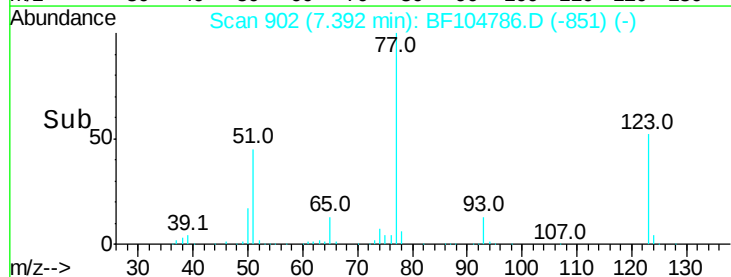


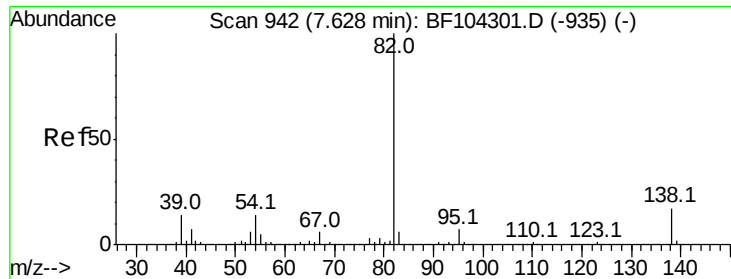
#24
Nitrobenzene
Concen: 43.920 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

Tgt Ion	77	Resp	337483
Ion Ratio	100	Lower	Upper
123	51.7	37.9	56.9
65	13.0	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: 40.938 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

Instrument :

BNA_F

ClientSampleId :

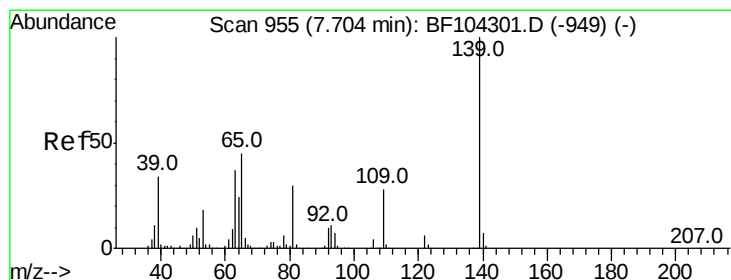
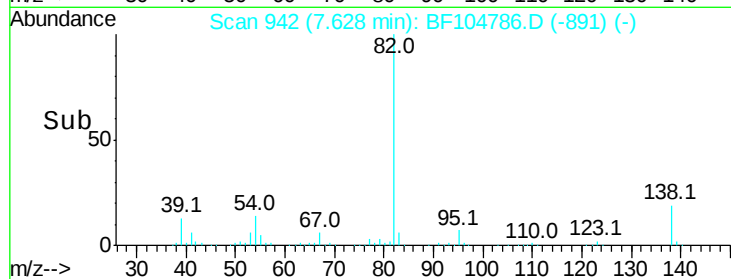
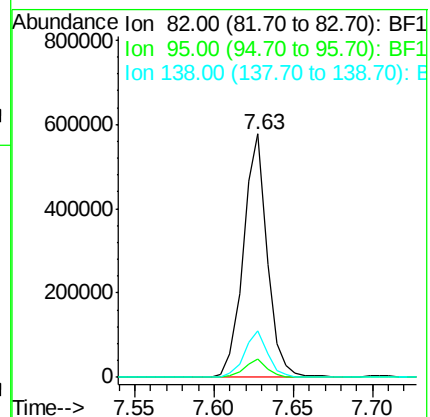
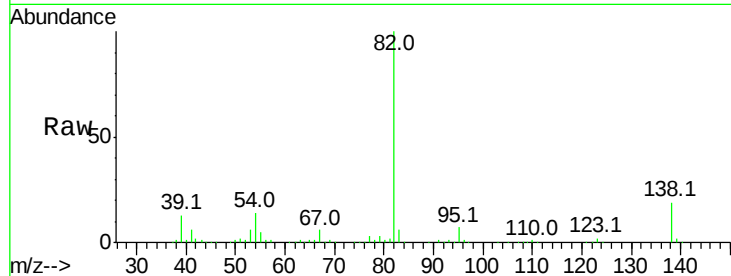
Tot Ion: 82 Resp: 602504

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 19.1 14.9 22.3



#26

2-Nitrophenol

Concen: 58.019 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

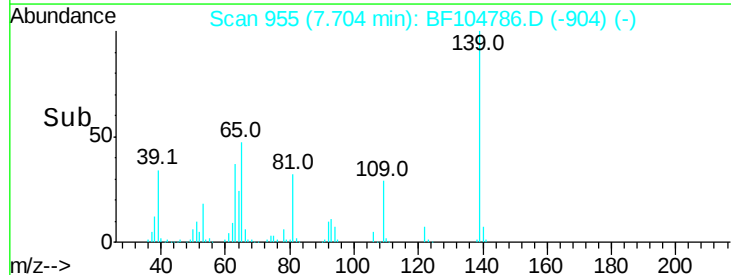
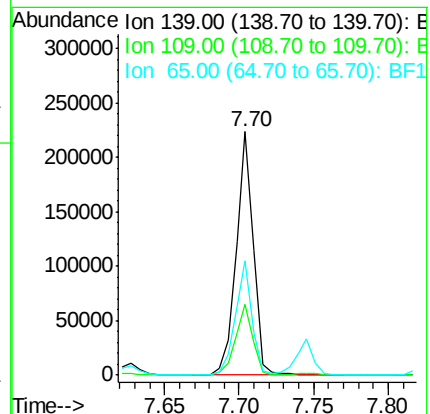
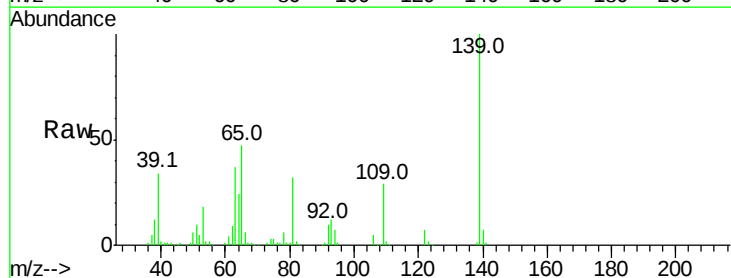
Tgt Ion:139 Resp: 181497

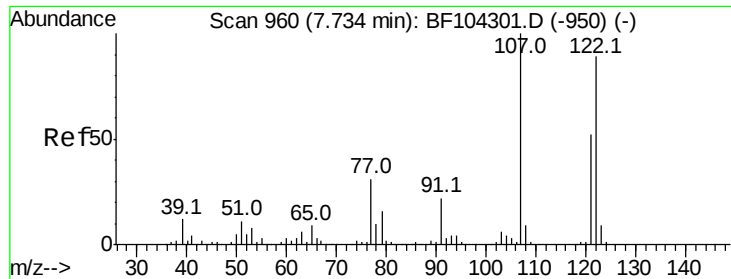
Ion Ratio Lower Upper

139 100

109 29.0 22.7 34.1

65 46.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 44.274 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

Instrument :

BNA_F

ClientSampleId :

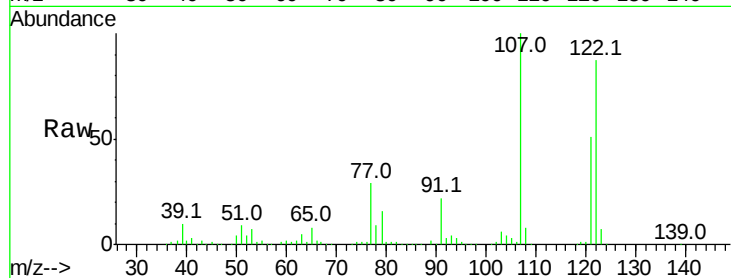
Tot Ion:122 Resp: 287577

Ion Ratio Lower Upper

122 100

107 115.3 91.2 136.8

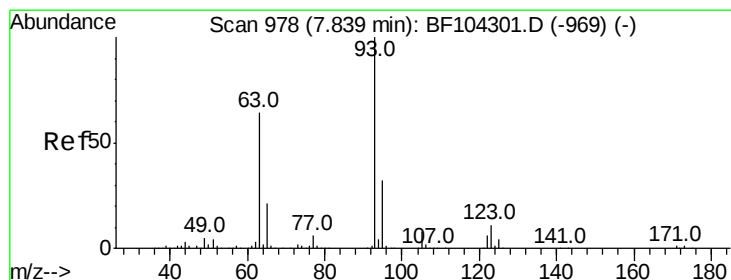
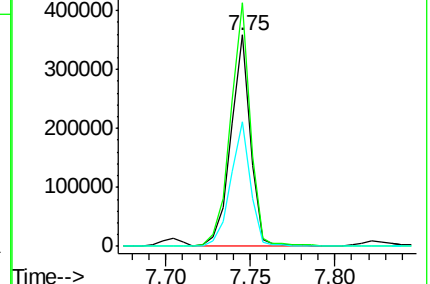
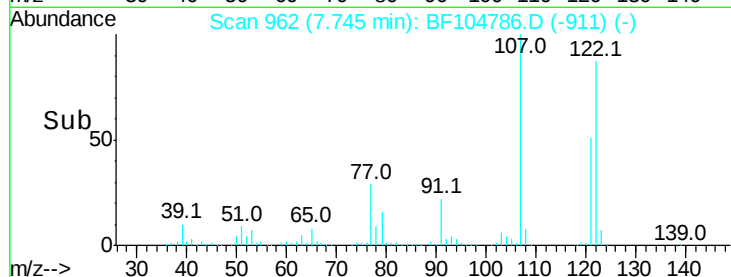
121 58.8 47.2 70.8



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: 42.415 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

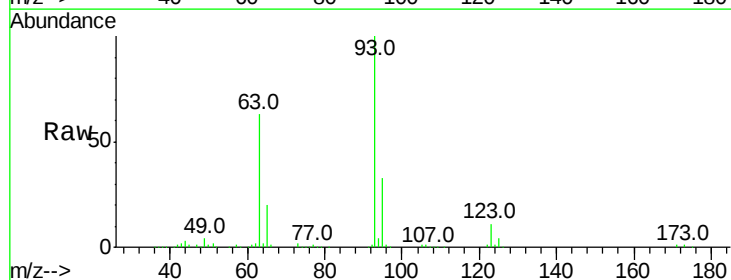
Tgt Ion: 93 Resp: 381667

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

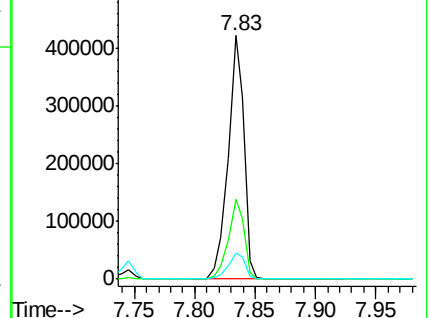
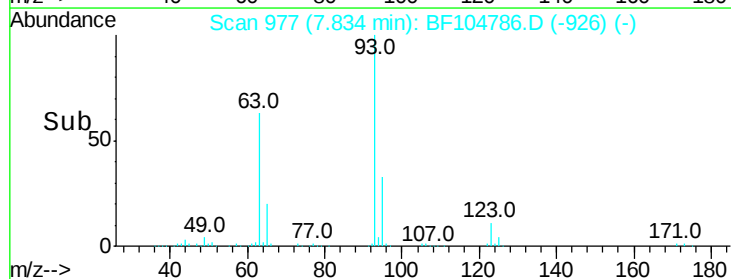
123 10.8 9.8 14.6

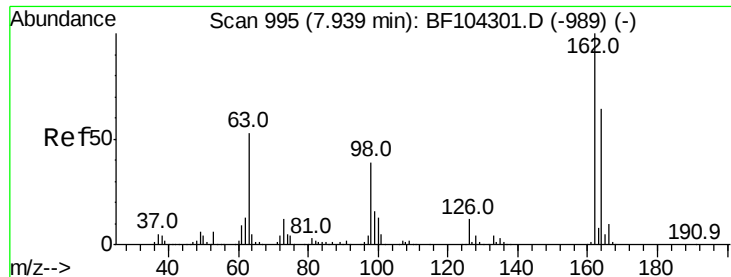


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.134 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

Instrument :

BNA_F

ClientSampleId :

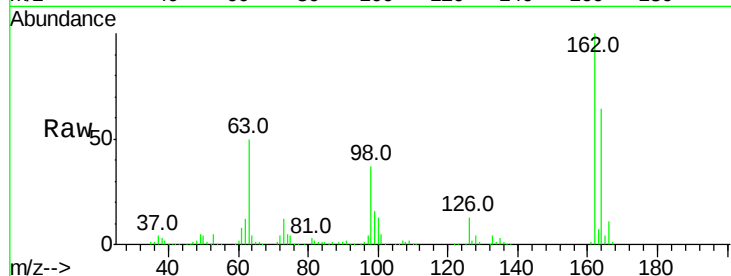
Tot Ion:162 Resp: 273521

Ion Ratio Lower Upper

162 100

164 64.5 42.7 82.7

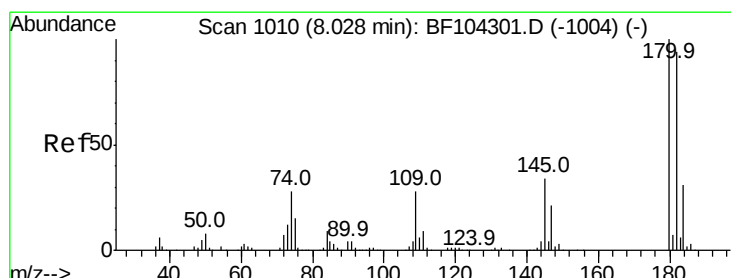
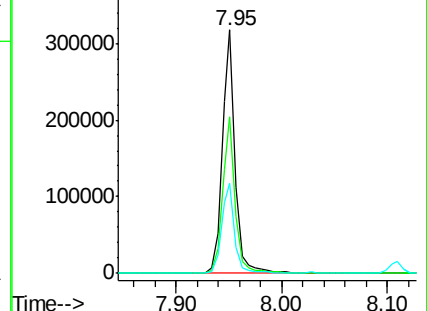
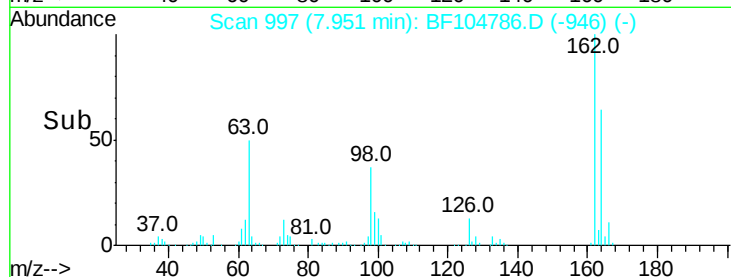
98 37.1 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.513 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

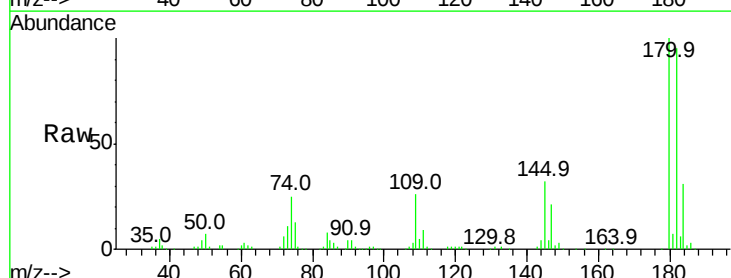
Tgt Ion:180 Resp: 282353

Ion Ratio Lower Upper

180 100

182 95.5 76.8 115.2

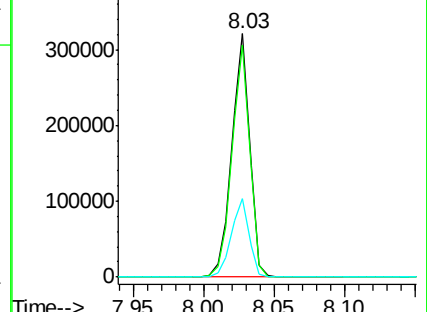
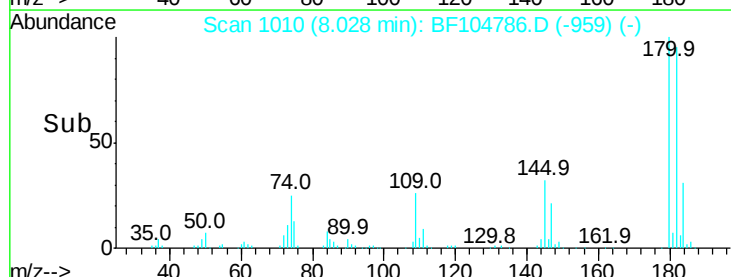
145 32.4 26.5 39.7

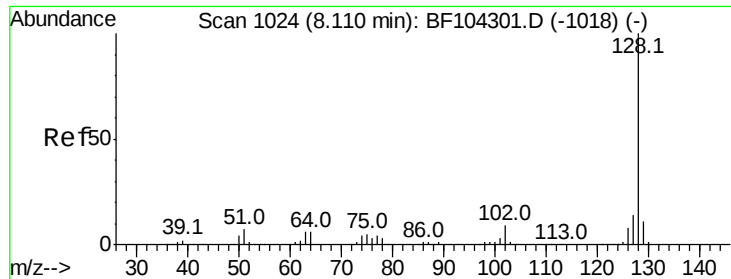


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

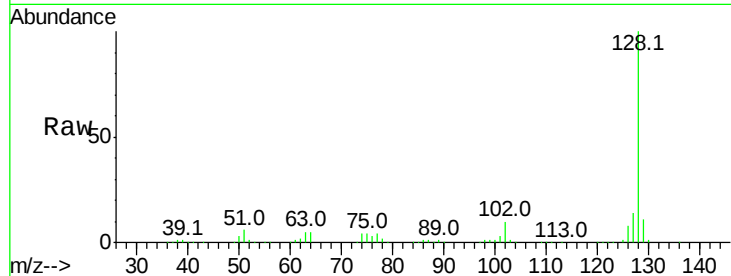




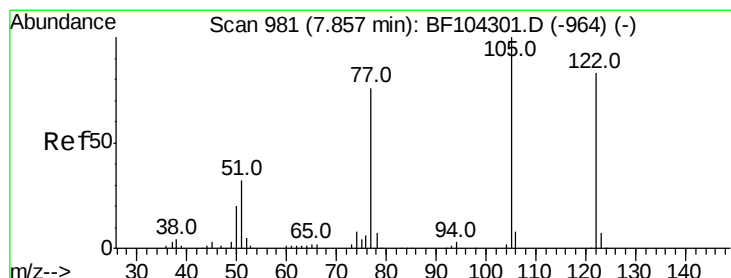
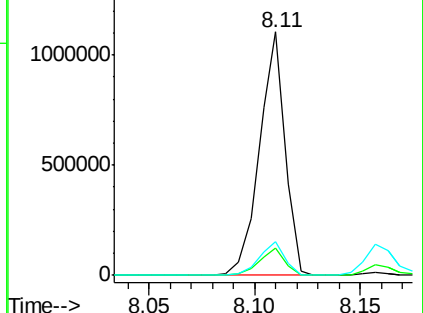
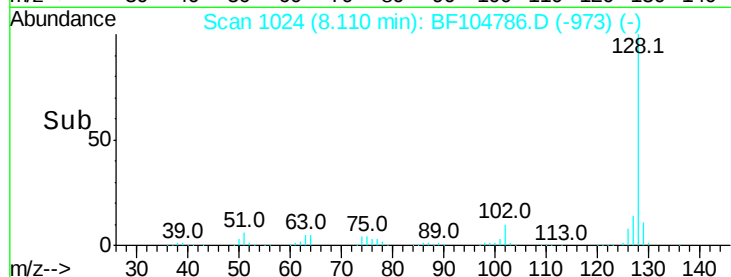
#31
Naphthalene
Concen: 41.182 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 931946
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.6 10.9 16.3

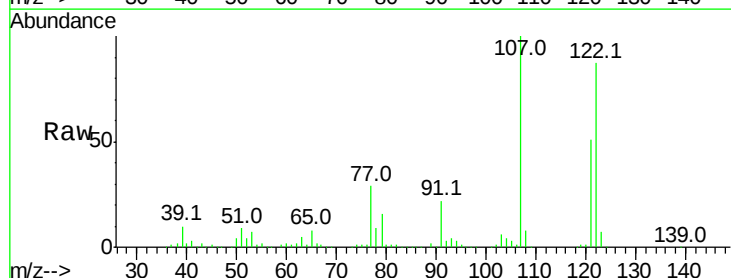


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

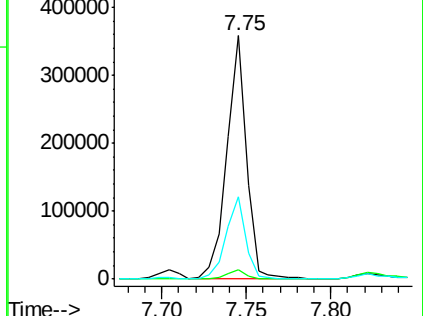
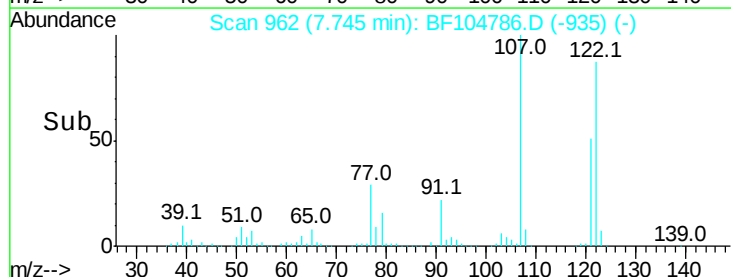


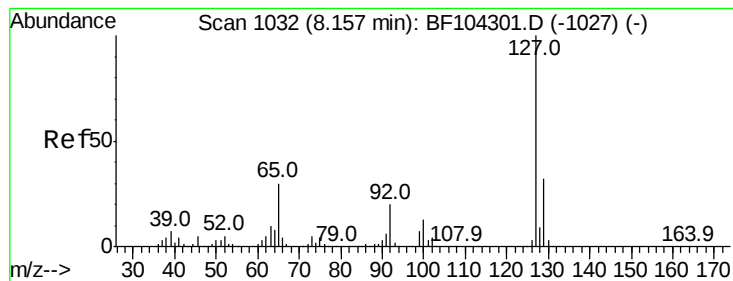
#32
Benzoic acid
Concen: 55.490 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.14 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

Tgt Ion:122 Resp: 287577
Ion Ratio Lower Upper
122 100
105 3.8 101.1 141.1#
77 33.7 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E
500000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 15.757 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 152763

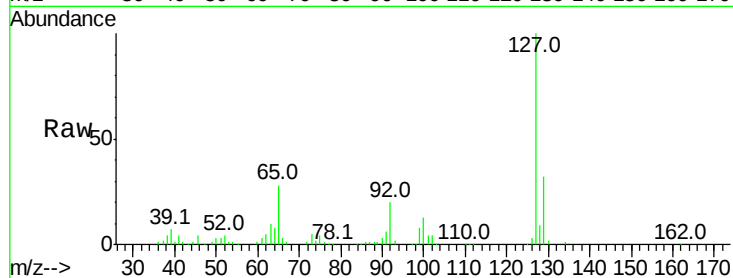
Ion Ratio Lower Upper

127 100

129 31.8 25.9 38.9

65 28.0 25.0 37.4

92 19.7 15.2 22.8

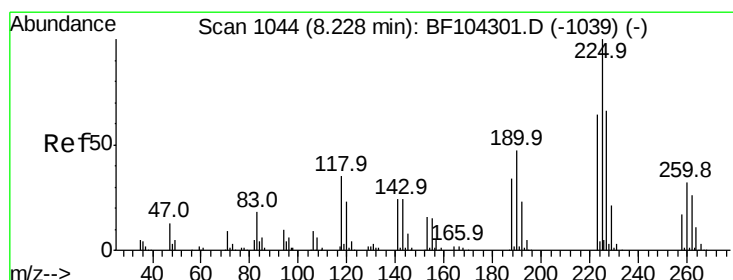
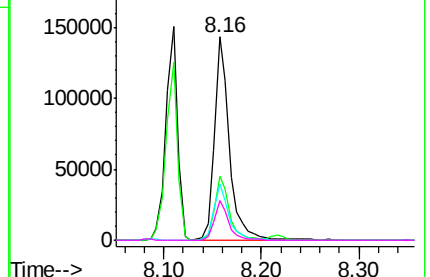
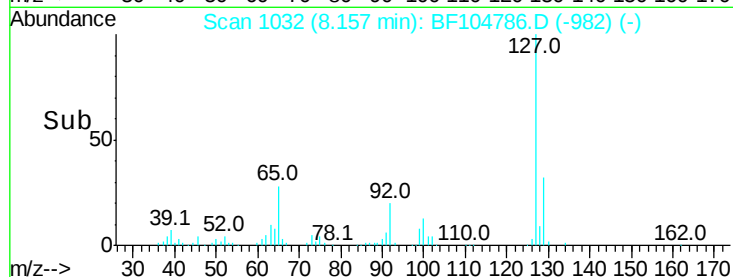


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.630 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

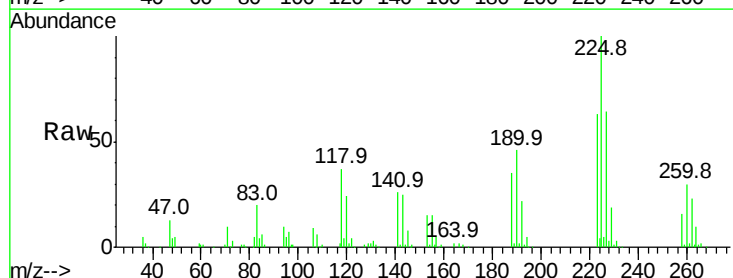
Tgt Ion:225 Resp: 151366

Ion Ratio Lower Upper

225 100

223 63.0 50.6 76.0

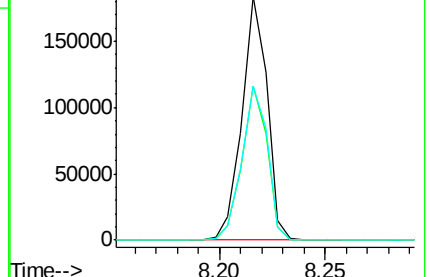
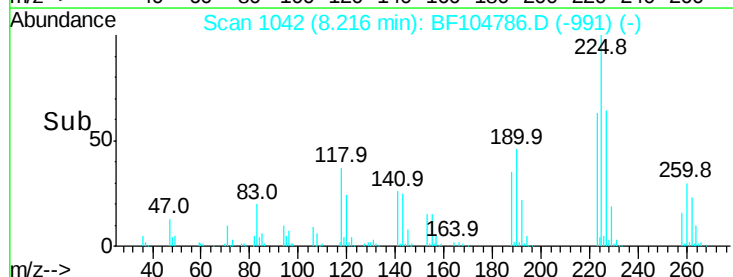
227 63.5 51.9 77.9

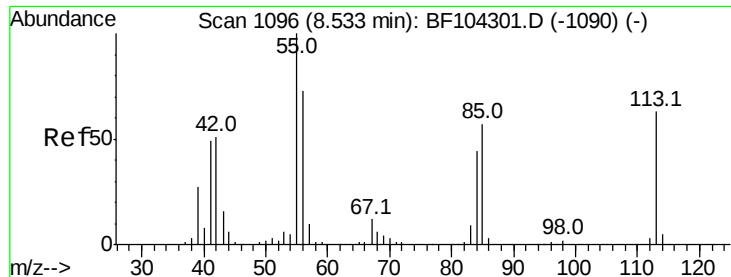


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

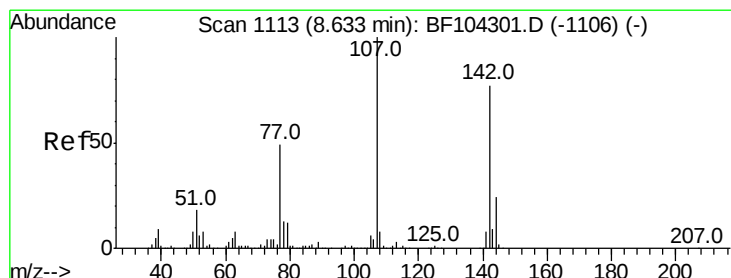
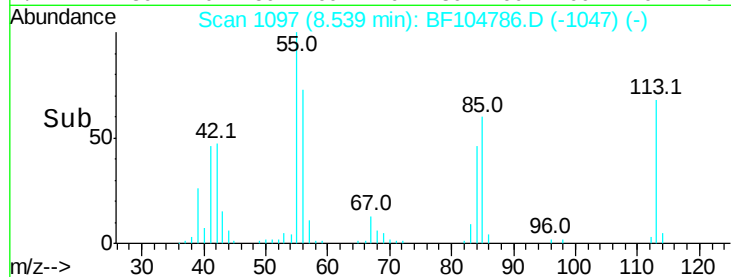
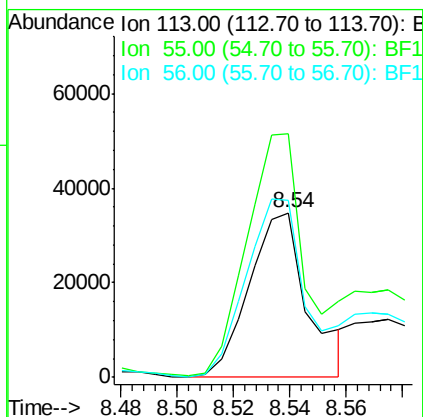
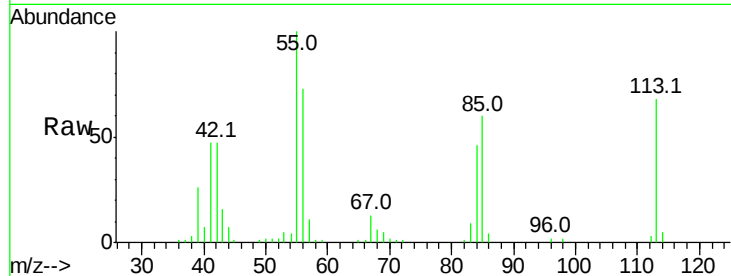




#35
 Caprolactam
 Concen: 23.180 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF104786.D
 Acq: 25 Apr 2018 14:05

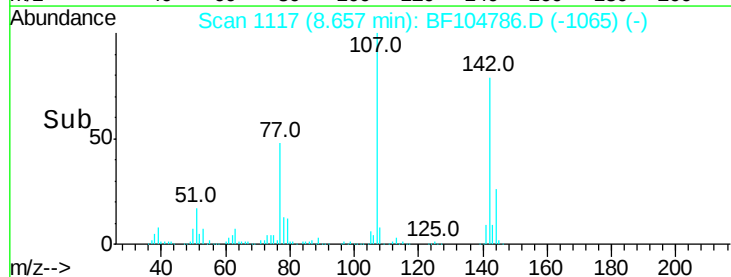
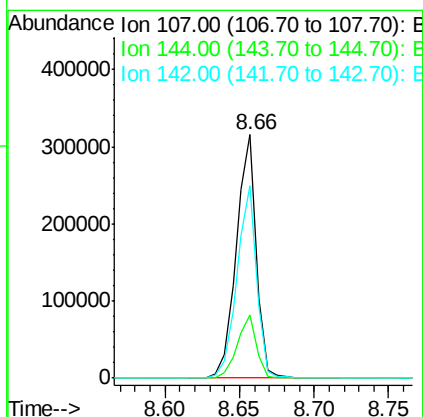
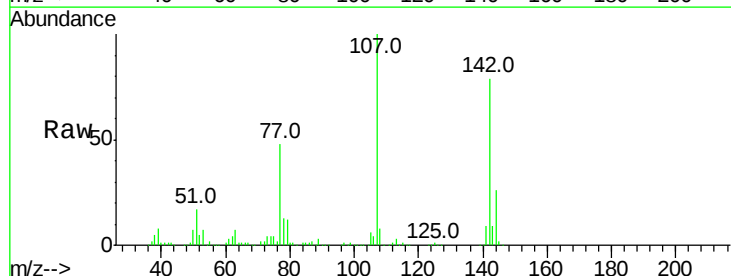
Instrument :
 BNA_F
 ClientSampleId :

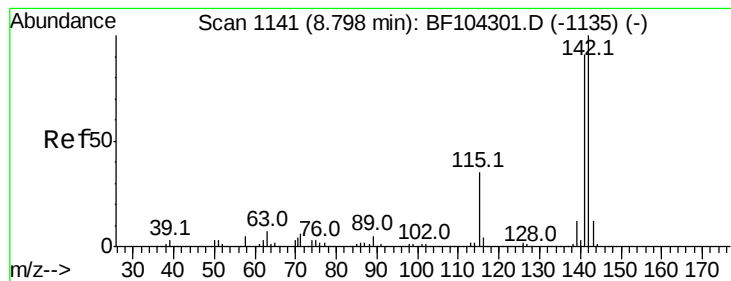
Tot Ion:113 Resp: 50114
 Ion Ratio Lower Upper
 113 100
 55 147.9 163.3 203.3#
 56 107.4 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 44.625 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF104786.D
 Acq: 25 Apr 2018 14:05

Tgt Ion:107 Resp: 296548
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.5 30.7
 142 79.1 62.0 93.0

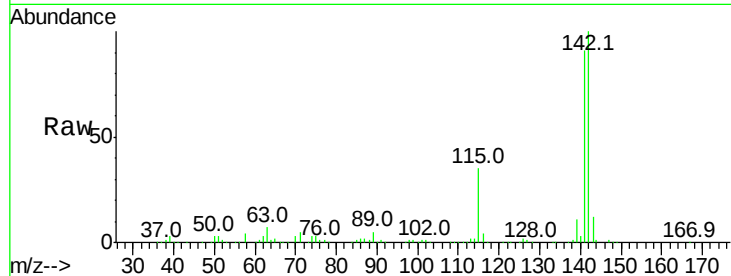




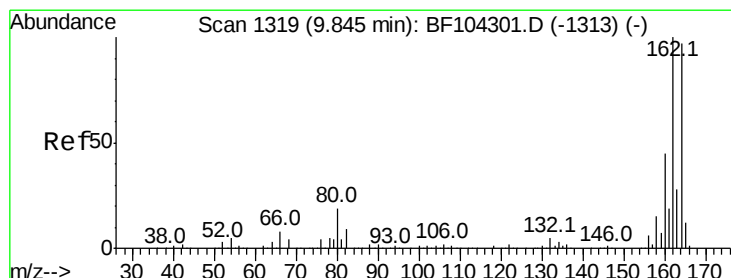
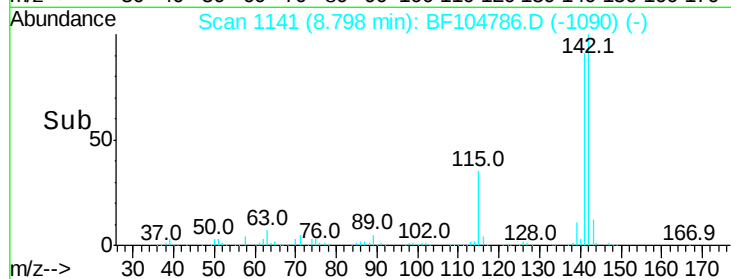
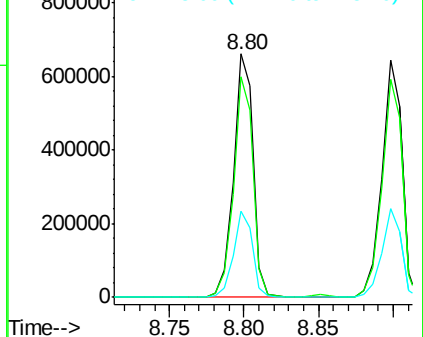
#37
2-Methylnaphthalene
Concen: 41.965 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.8	106.2
115	35.4	26.1	39.1

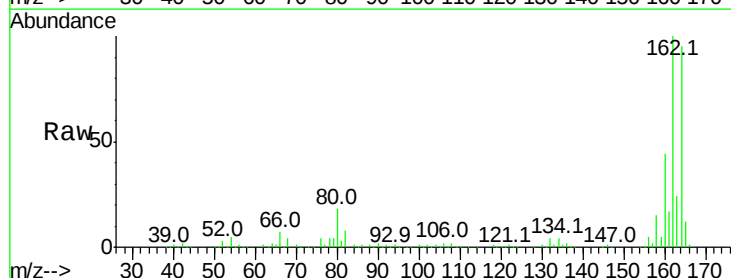


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

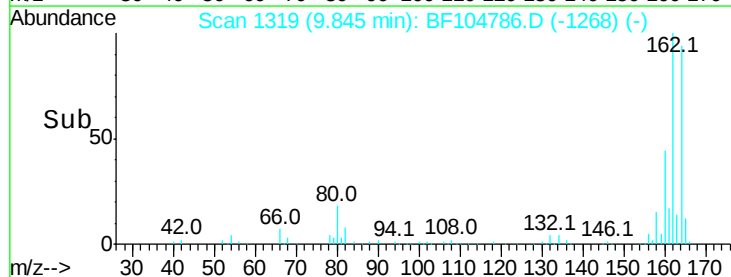
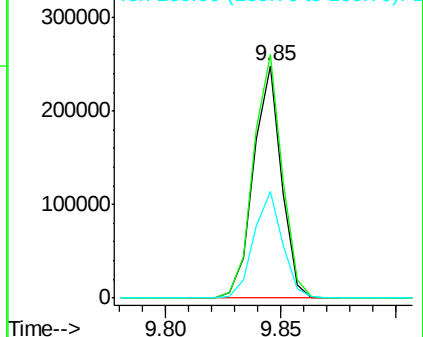


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	46.1	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

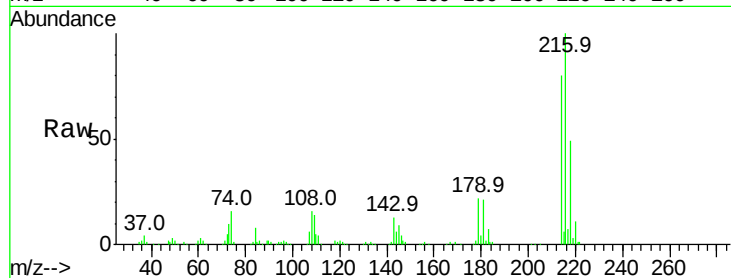




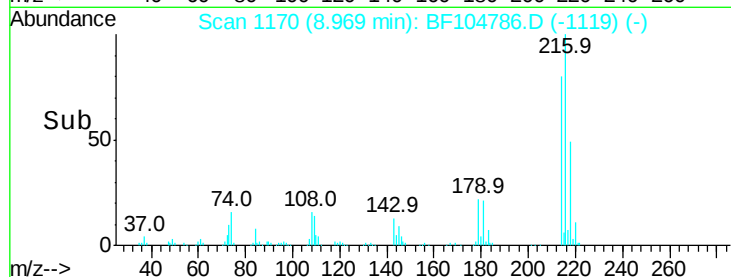
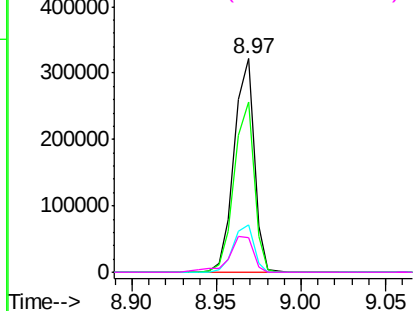
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.124 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF104786.D
 Acq: 25 Apr 2018 14:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	265153
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.0	94.4
179	23.1	18.1	27.1
108	20.5	17.2	25.8

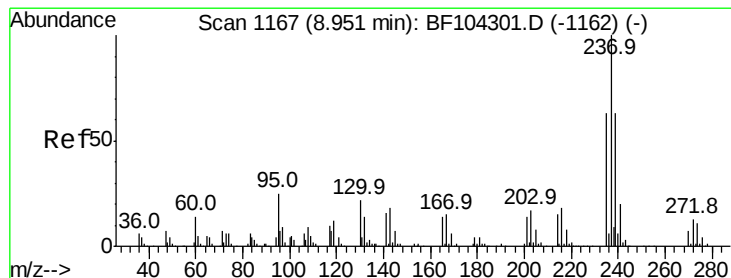


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

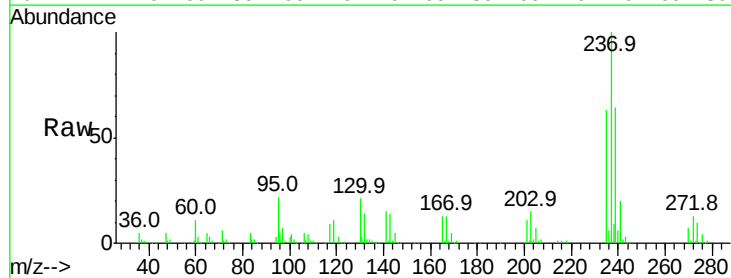
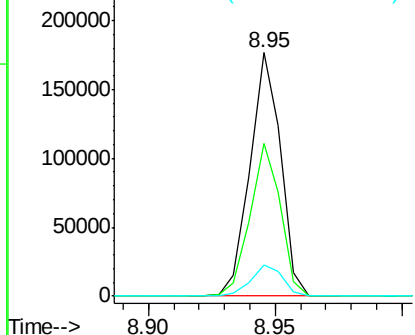


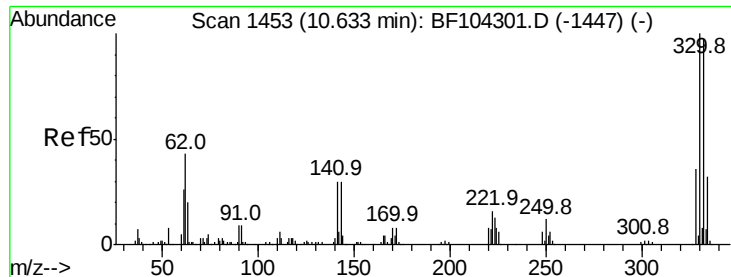
#40
 Hexachlorocyclopentadiene
 Concen: 44.087 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF104786.D
 Acq: 25 Apr 2018 14:05

Tgt Ion:	237	Resp:	148318
Ion Ratio	Lower	Upper	
237	100		
235	62.6	44.8	84.8
272	12.5	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

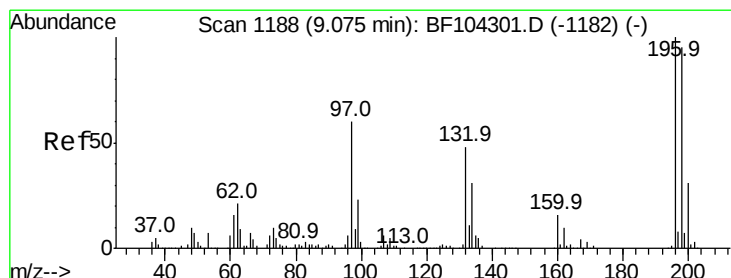
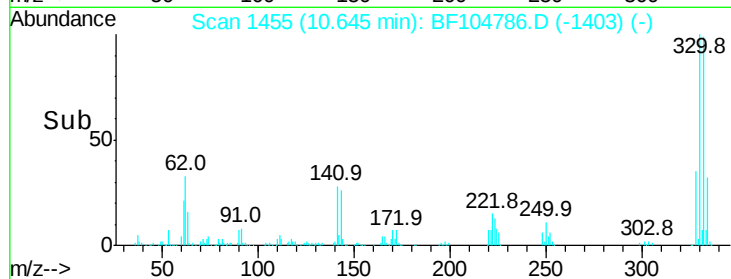
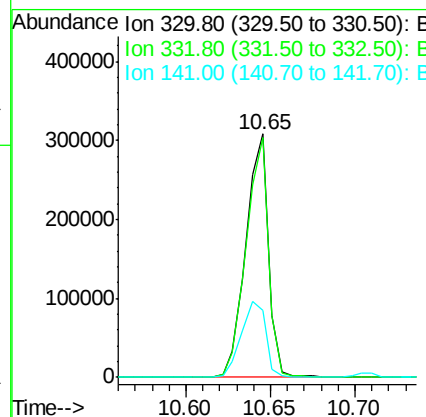
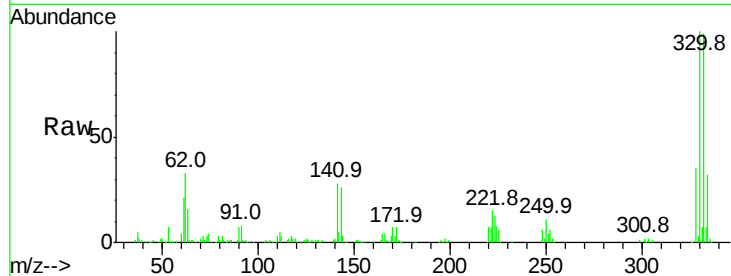




#41
 2,4,6-Tribromophenol
 Concen: 132.992 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104786.D
 Acq: 25 Apr 2018 14:05

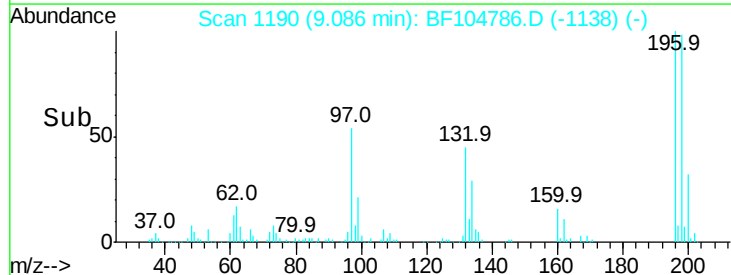
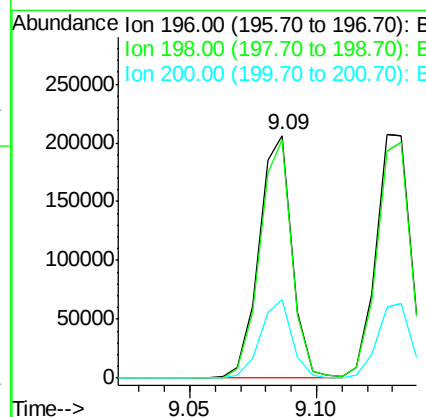
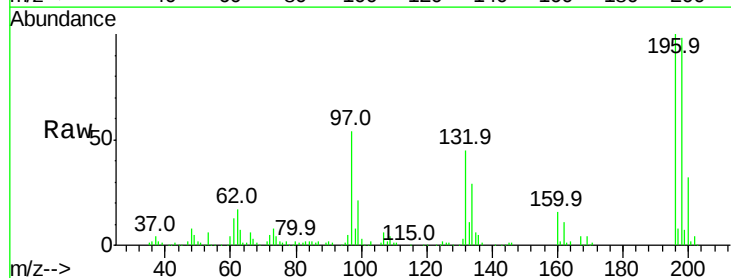
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	33.9	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 44.714 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF104786.D
 Acq: 25 Apr 2018 14:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.3	75.7	113.5
200	32.2	24.5	36.7

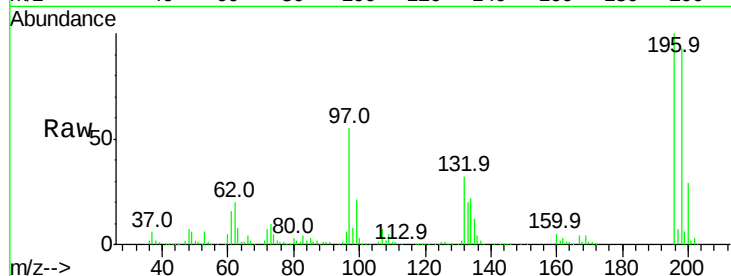




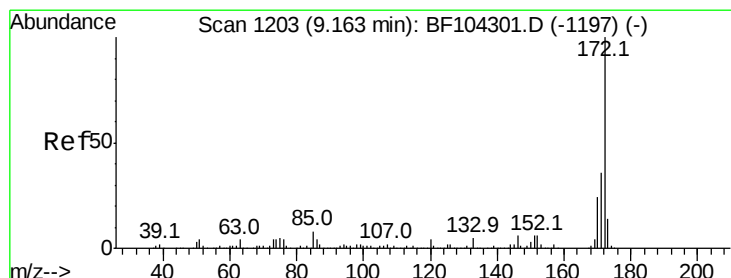
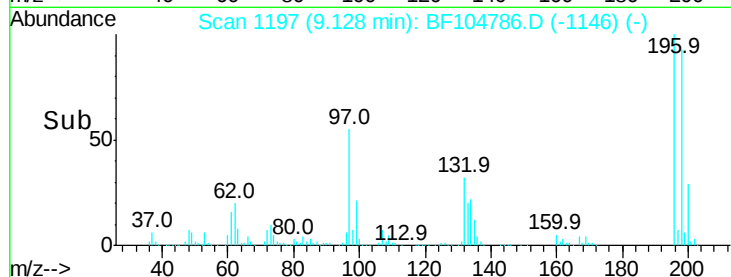
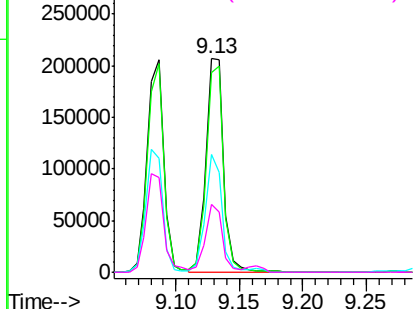
#43
 2,4,5-Trichlorophenol
 Concen: 43.360 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF104786.D
 Acq: 25 Apr 2018 14:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 202410
 Ion Ratio Lower Upper
 196 100
 198 93.3 74.6 112.0
 97 55.2 42.9 64.3
 132 31.6 26.3 39.5

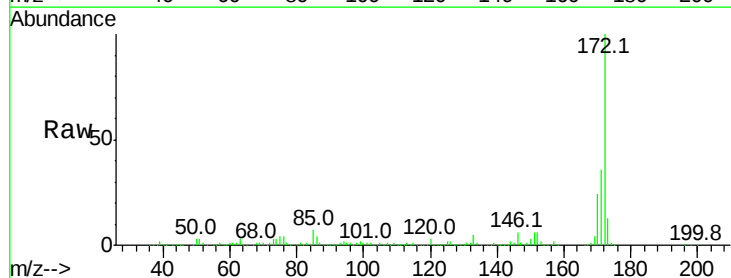


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

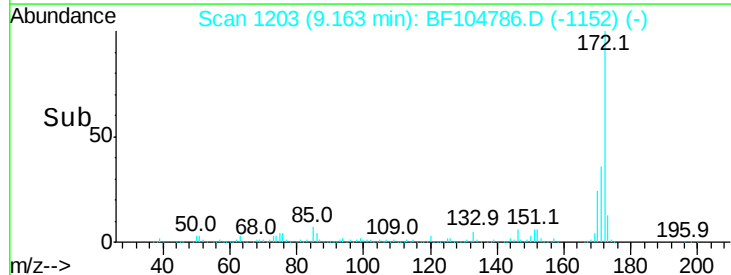
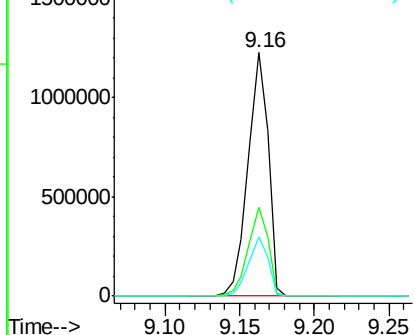


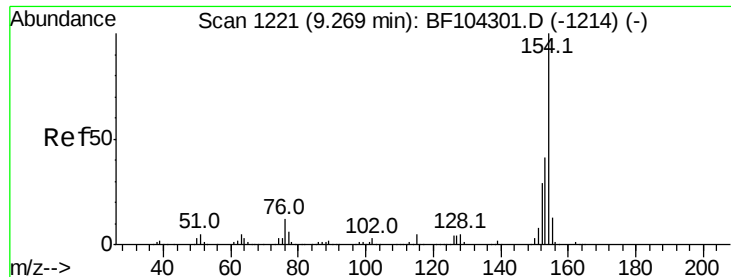
#44
 2-Fluorobiphenyl
 Concen: 86.622 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104786.D
 Acq: 25 Apr 2018 14:05

Tgt Ion:172 Resp: 1151078
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.1 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 41.069 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

Instrument :

BNA_F

ClientSampleId :

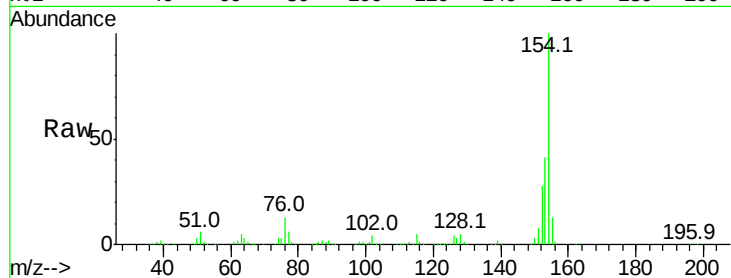
Tot Ion:154 Resp: 724267

Ion Ratio Lower Upper

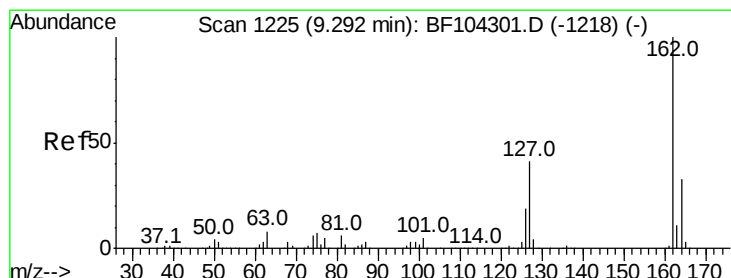
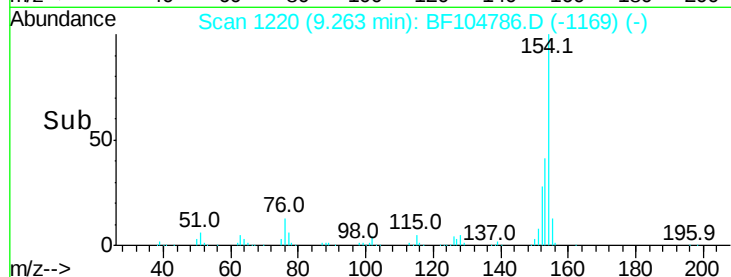
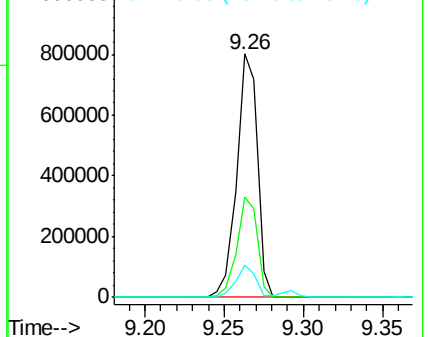
154 100

153 41.1 21.3 61.3

76 13.1 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: 41.194 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

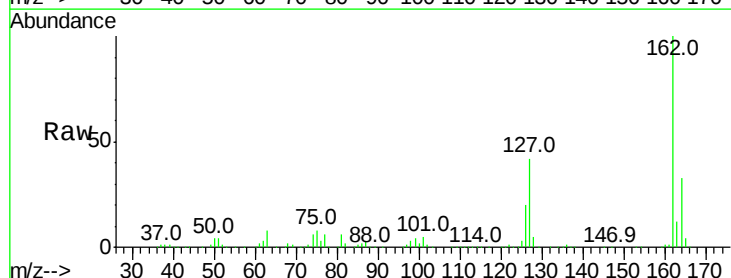
Tgt Ion:162 Resp: 573822

Ion Ratio Lower Upper

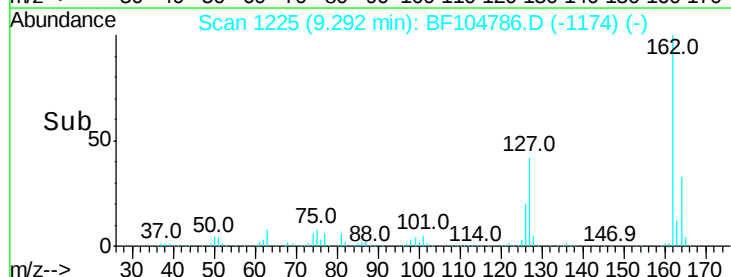
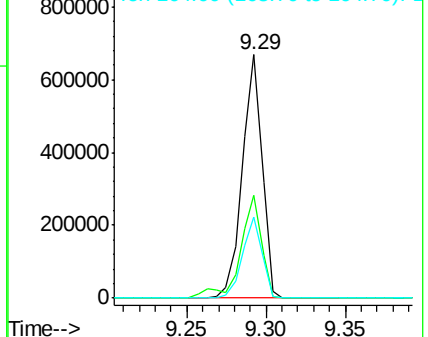
162 100

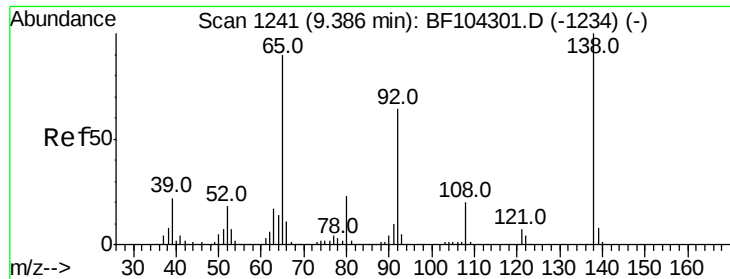
127 42.2 33.9 50.9

164 33.4 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: 51.259 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.00 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

Instrument :

BNA_F

ClientSampleId :

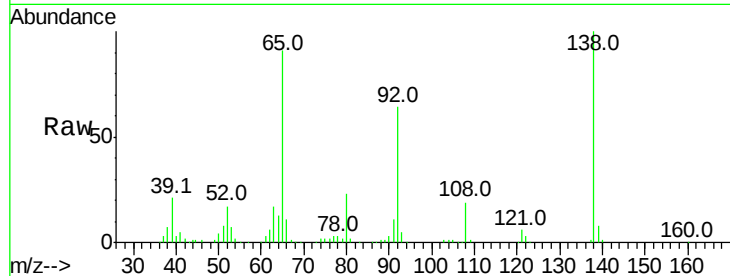
Tot Ion: 65 Resp: 176578

Ion Ratio Lower Upper

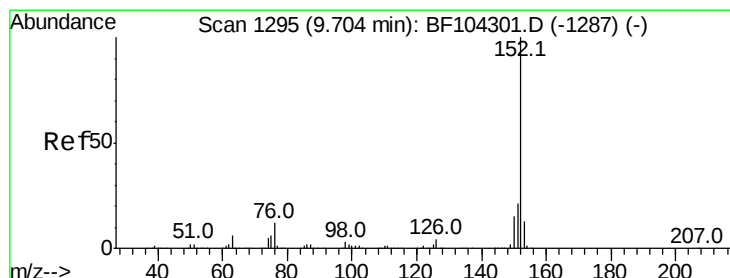
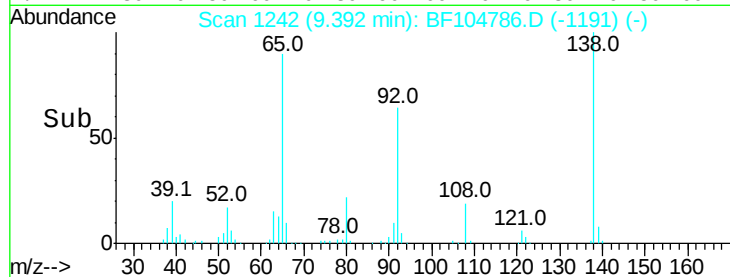
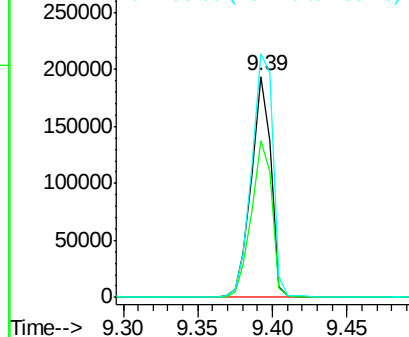
65 100

92 71.0 55.8 83.6

138 110.1 91.2 136.8



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



#48

Acenaphthylene

Concen: 38.899 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

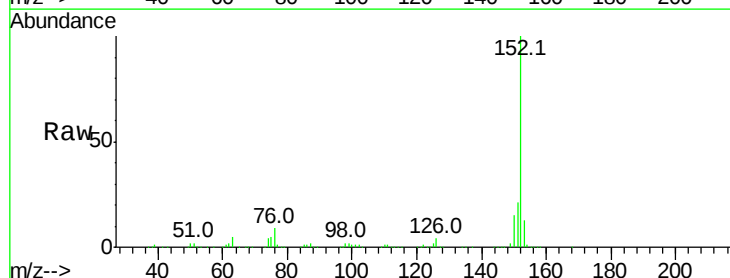
Tgt Ion:152 Resp: 850138

Ion Ratio Lower Upper

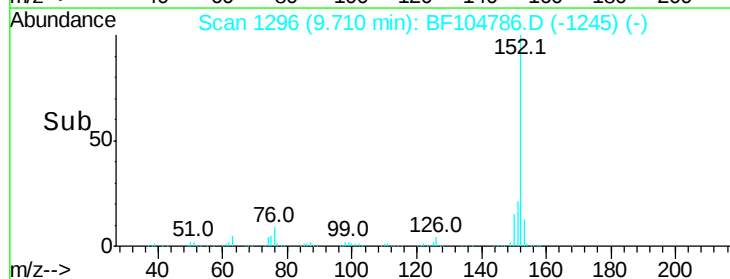
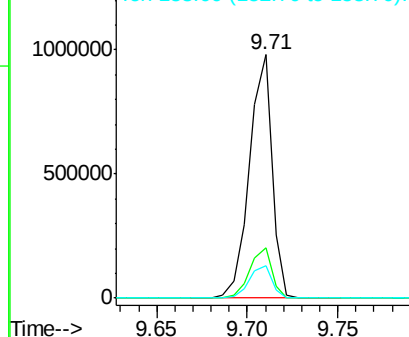
152 100

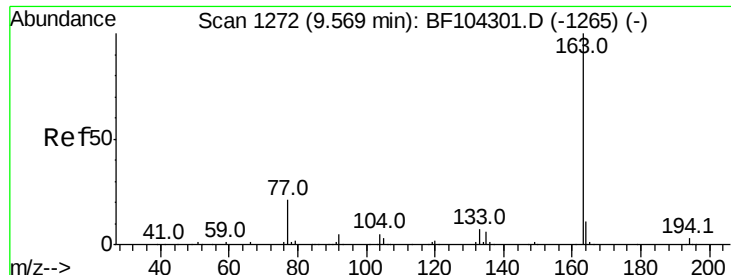
151 20.7 16.3 24.5

153 13.1 10.7 16.1



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

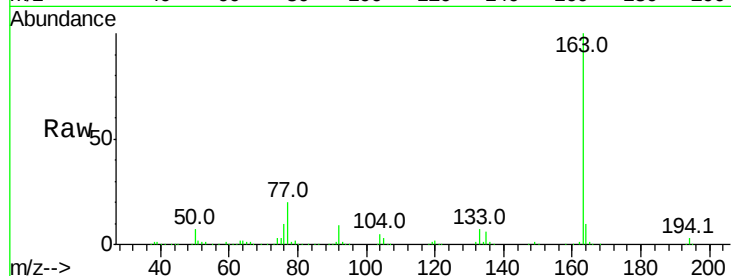




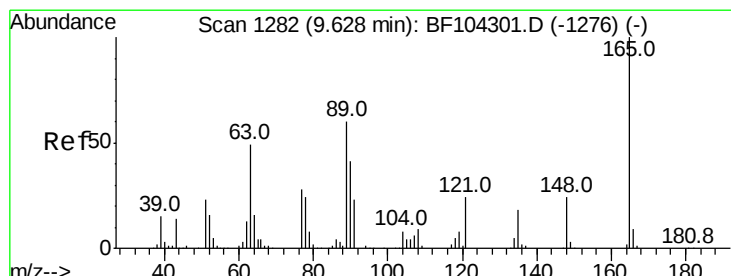
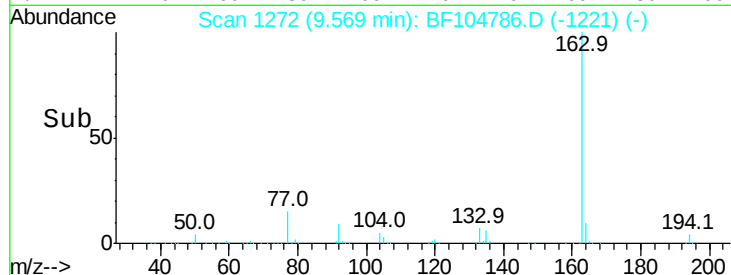
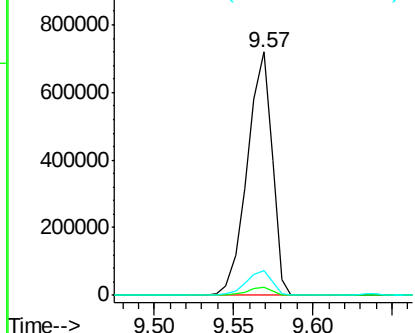
#49
Dimethylphthalate
Concen: 47.244 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 782092
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.2 8.2 12.2

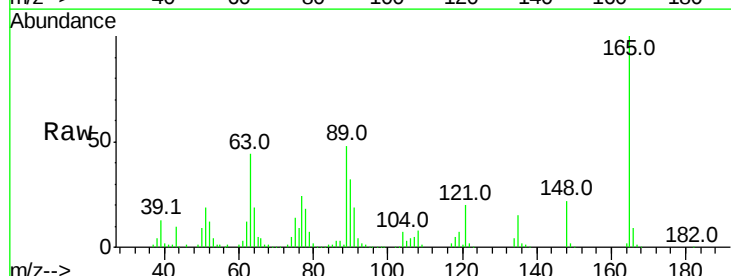


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

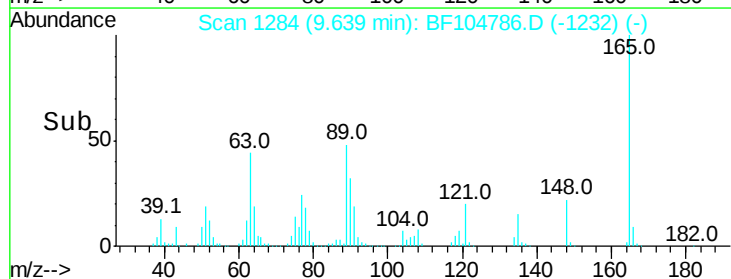
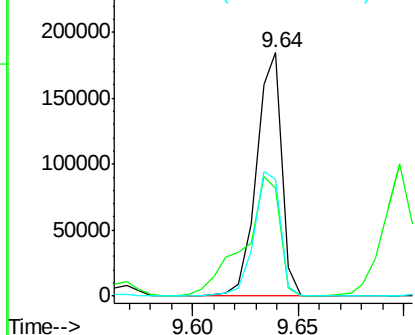


#50
2,6-Dinitrotoluene
Concen: 50.180 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

Tgt Ion:165 Resp: 153712
Ion Ratio Lower Upper
165 100
63 44.4 44.7 67.1#
89 47.8 44.0 66.0



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





#51

Acenaphthene

Concen: 37.155 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

Instrument :

BNA_F

ClientSampleId :

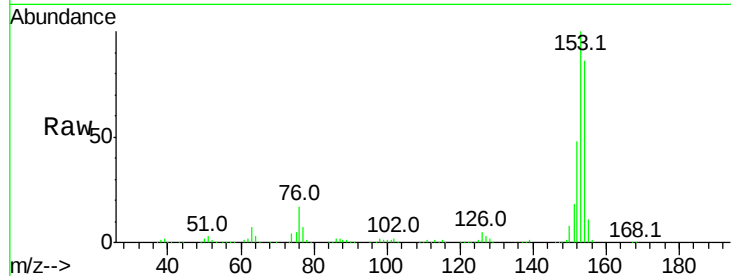
Tot Ion:154 Resp: 495449

Ion Ratio Lower Upper

154 100

153 116.0 91.2 136.8

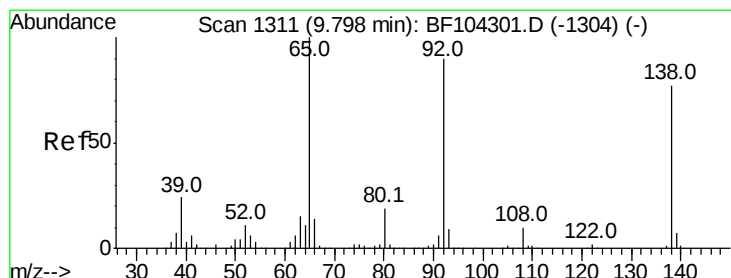
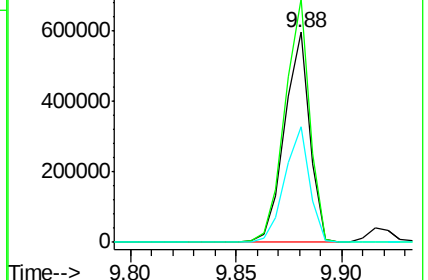
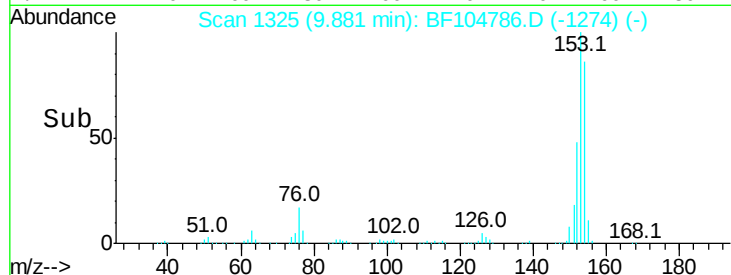
152 55.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.576 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

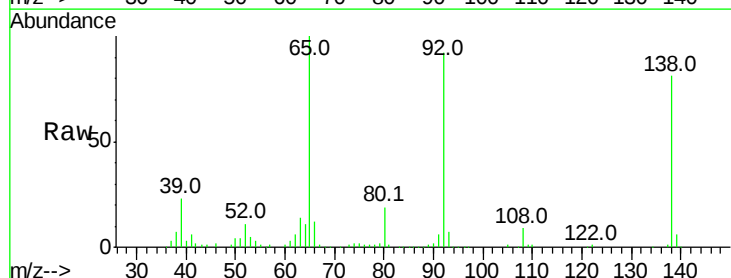
Tgt Ion:138 Resp: 123994

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

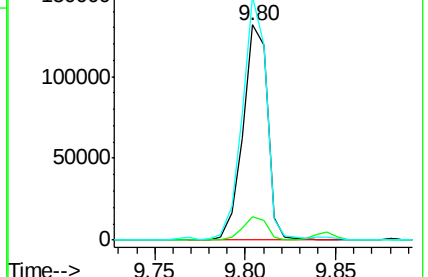
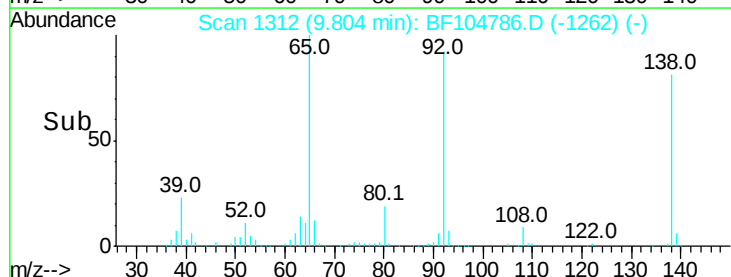
92 113.1 89.4 134.2

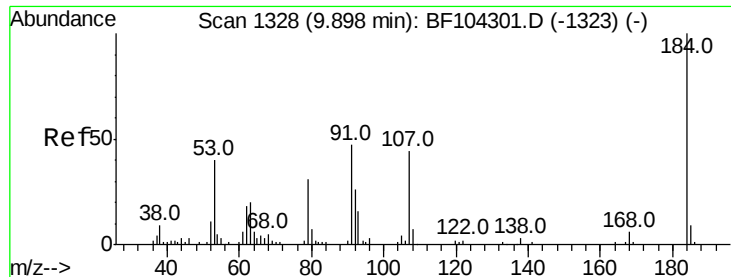


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

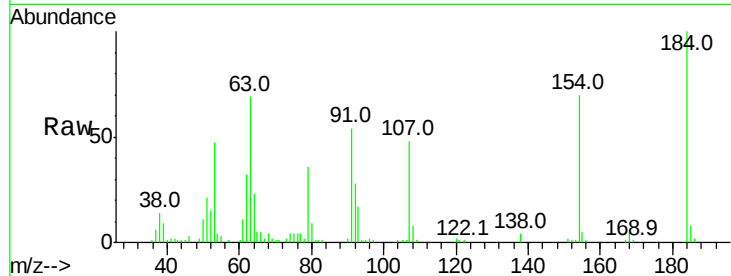




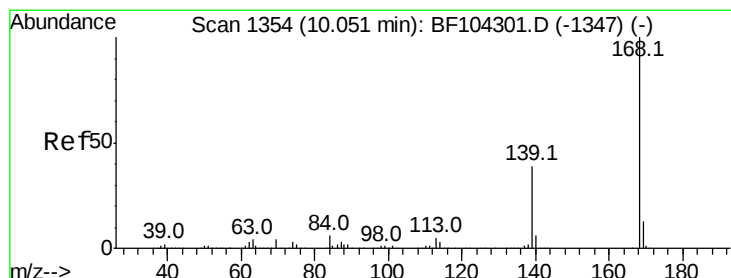
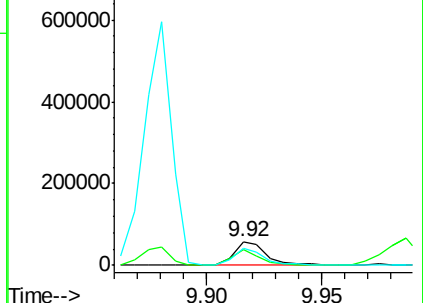
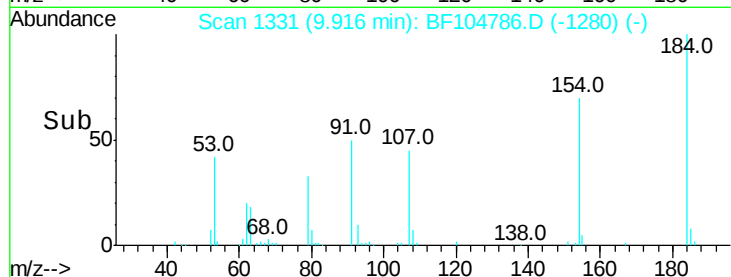
#53
 2,4-Dinitrophenol
 Concen: 53.668 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF104786.D
 Acq: 25 Apr 2018 14:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 56767
 Ion Ratio Lower Upper
 184 100
 63 69.0 54.2 81.2
 154 70.0 184.0 276.0#

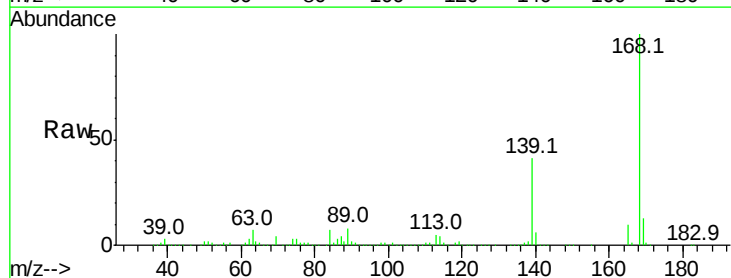


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

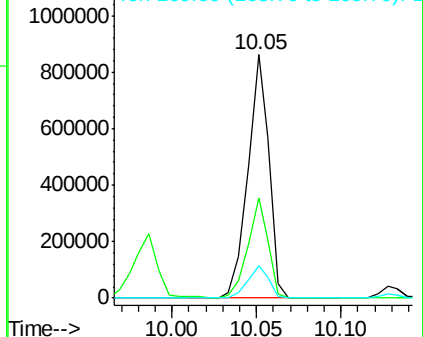
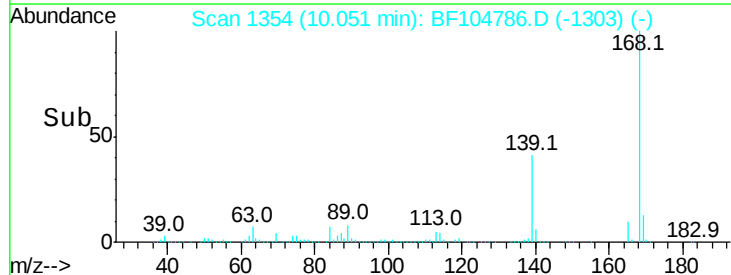


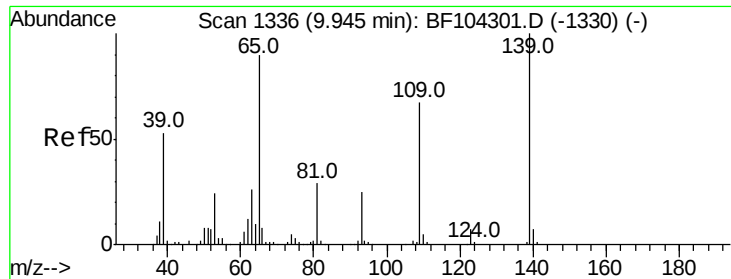
#54
 Dibenzofuran
 Concen: 40.361 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF104786.D
 Acq: 25 Apr 2018 14:05

Tgt Ion:168 Resp: 750041
 Ion Ratio Lower Upper
 168 100
 139 41.0 30.1 45.1
 169 13.5 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

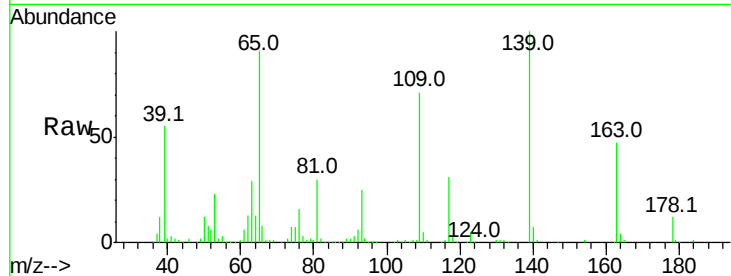




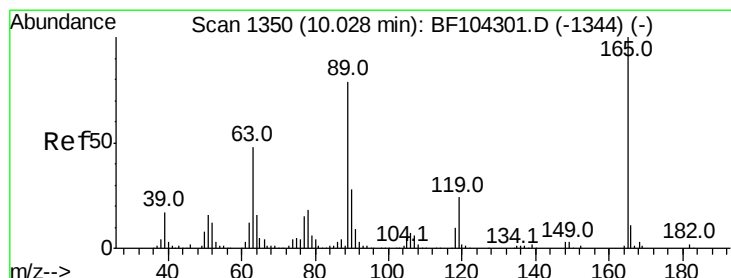
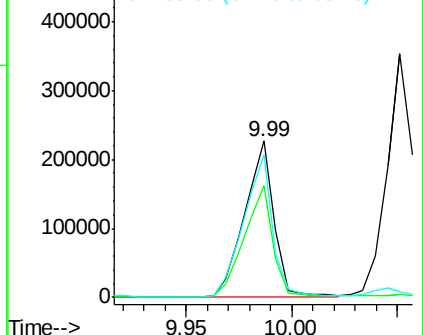
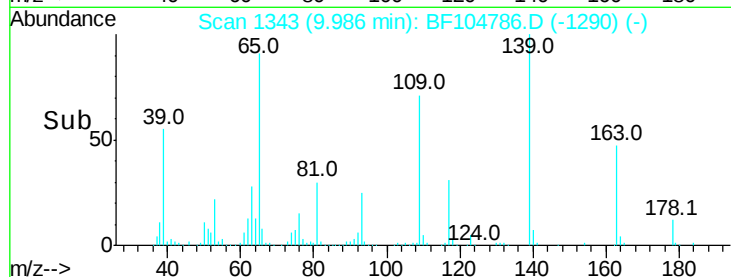
#55
4-Nitrophenol
Concen: 78.457 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 221011
Ion Ratio Lower Upper
139 100
109 71.2 48.4 88.4
65 91.5 72.6 112.6

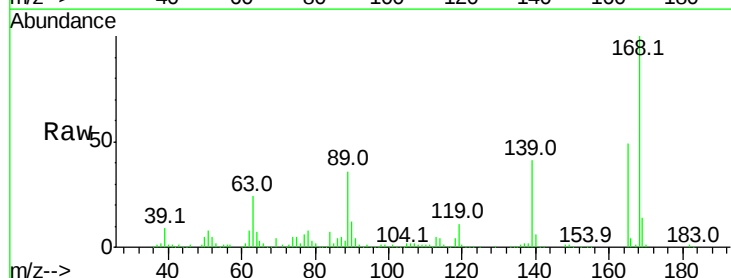


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

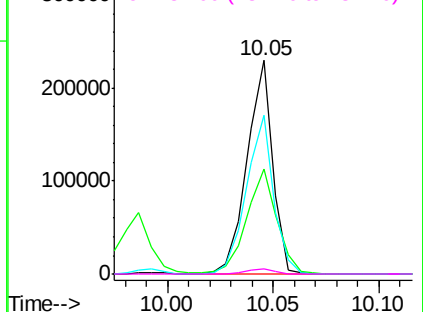
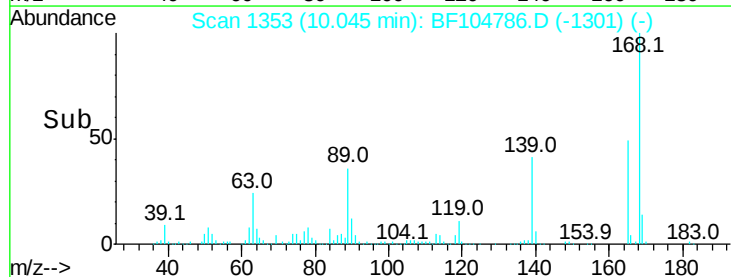


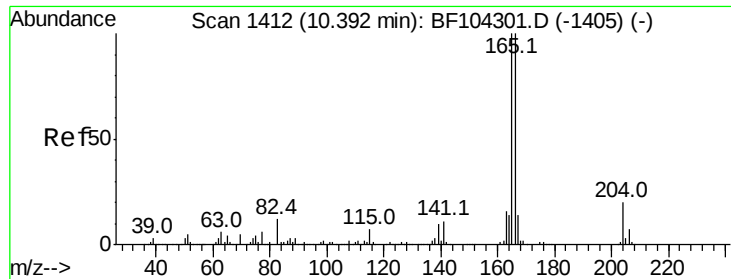
#56
2,4-Dinitrotoluene
Concen: 47.967 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

Tgt Ion:165 Resp: 192733
Ion Ratio Lower Upper
165 100
63 49.4 36.4 54.6
89 74.4 57.8 86.6
182 2.4 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

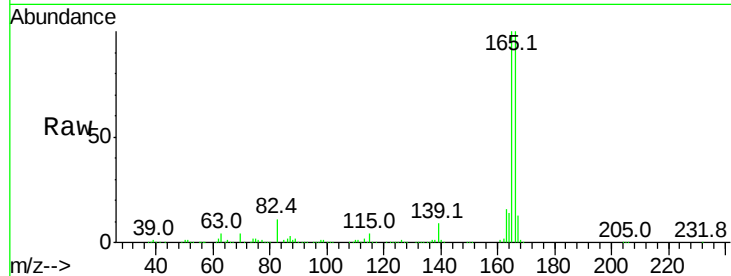




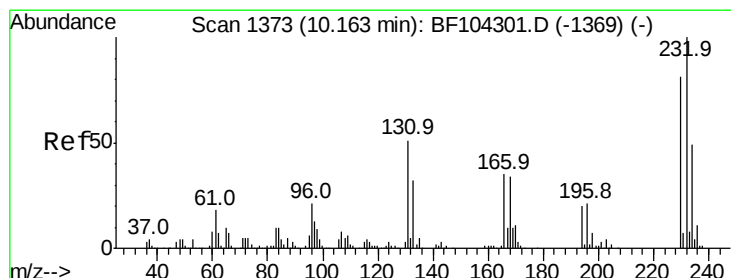
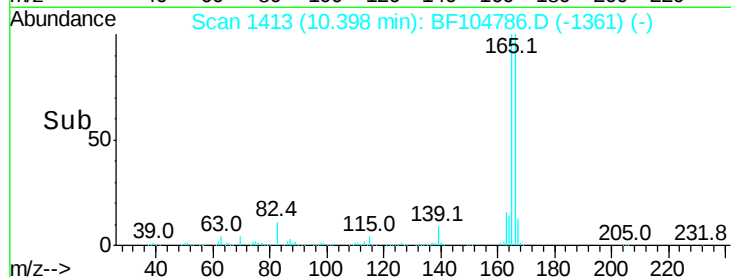
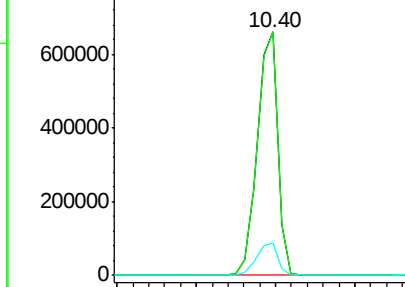
#57
Fluorene
 Concen: 44.075 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF104786.D
 Acq: 25 Apr 2018 14:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 596163
 Ion Ratio Lower Upper
 166 100
 165 100.2 79.8 119.8
 167 13.2 10.6 16.0

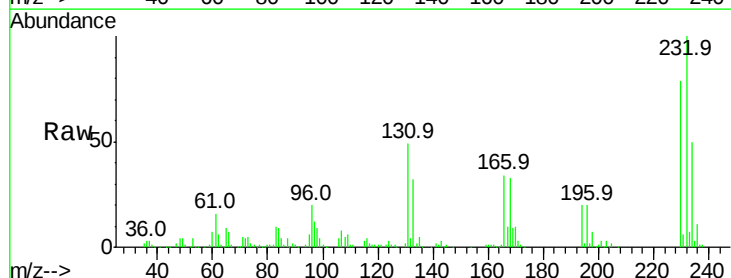


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

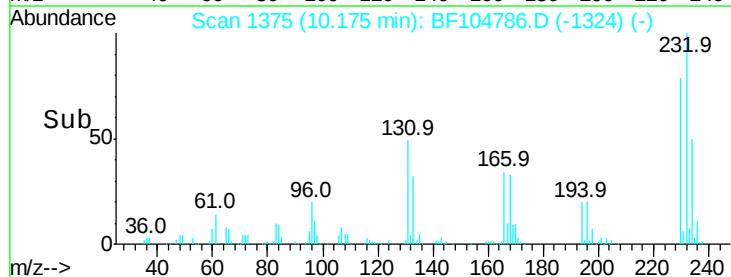
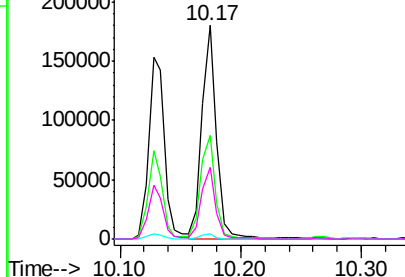


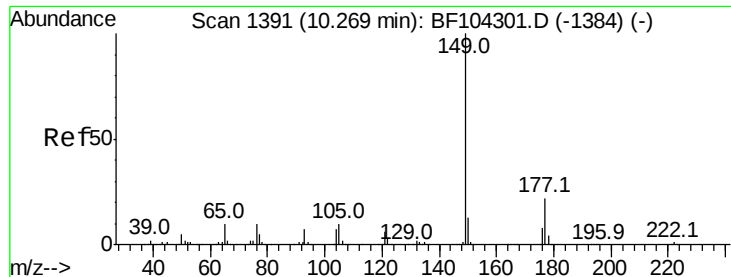
#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.466 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BF104786.D
 Acq: 25 Apr 2018 14:05

Tgt Ion:232 Resp: 151374
 Ion Ratio Lower Upper
 232 100
 131 49.2 43.8 65.8
 130 2.3 2.1 3.1
 166 33.3 27.8 41.6



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

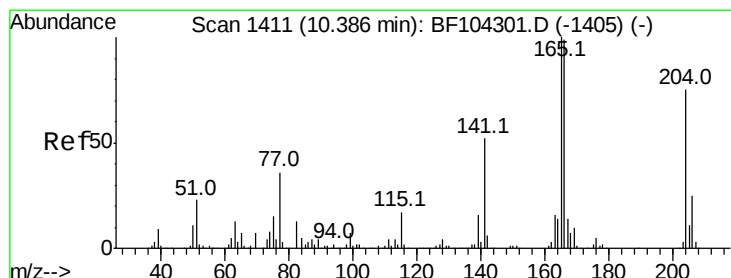
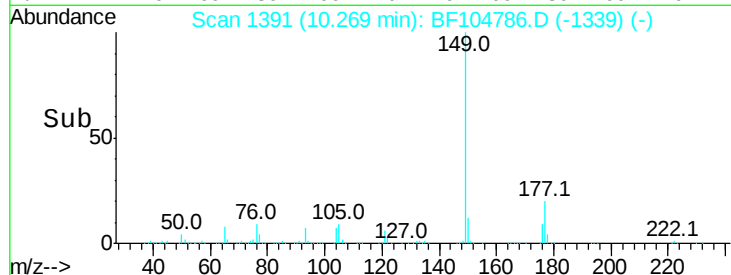
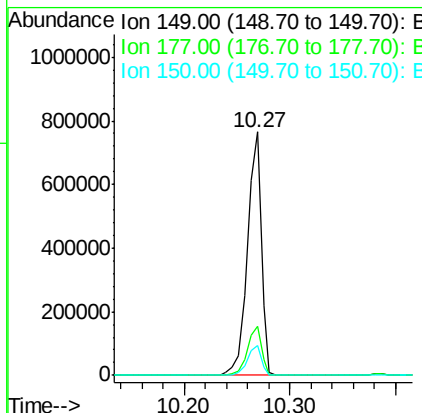
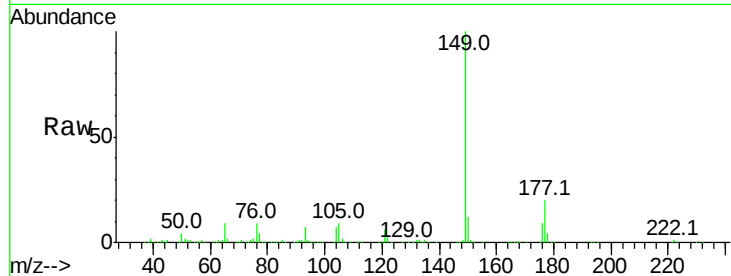




#59
Diethylphthalate
Concen: 42.077 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

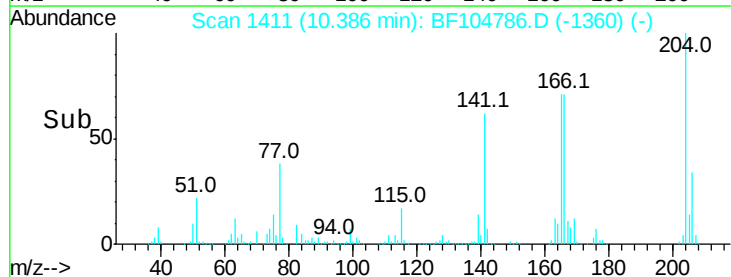
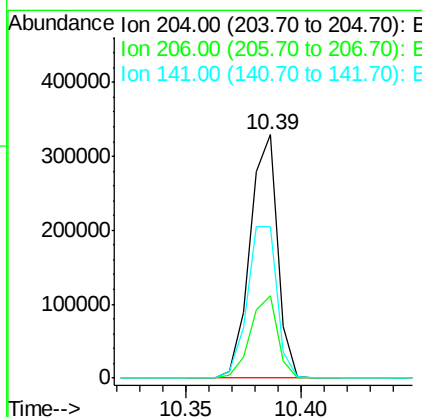
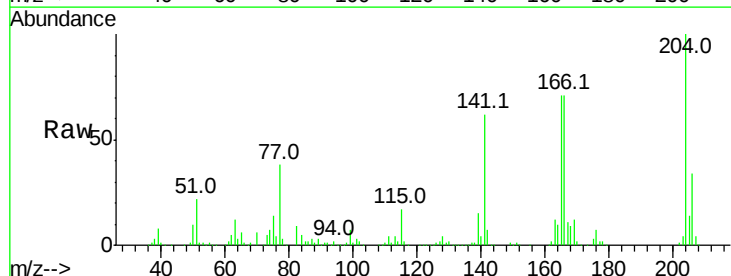
Instrument :
BNA_F
ClientSampled :

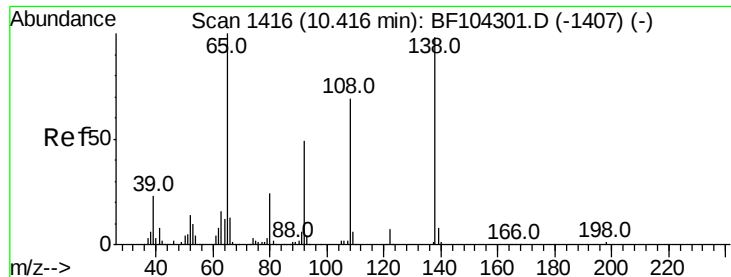
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.3	16.1	24.1
150	12.3	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 45.671 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.5	39.7
141	62.0	54.6	81.8





#61

4-Nitroaniline

Concen: 46.820 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

Instrument :

BNA_F

ClientSampleId :

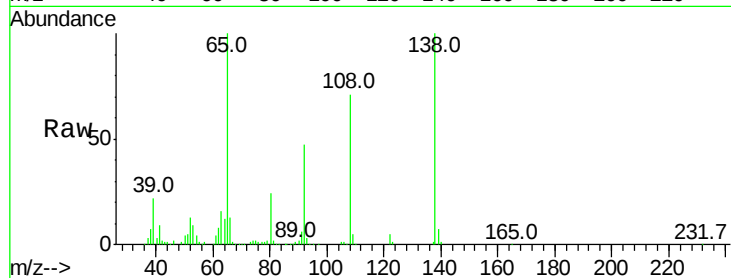
Tot Ion:138 Resp: 164167

Ion Ratio Lower Upper

138 100

92 46.9 30.2 70.2

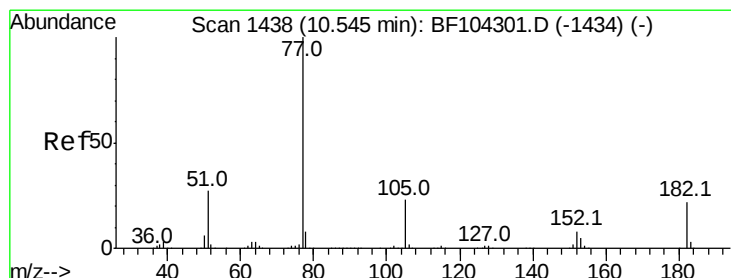
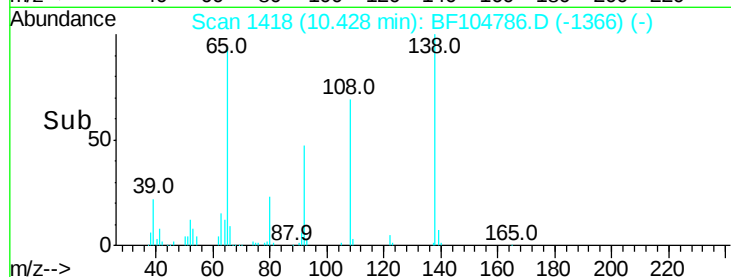
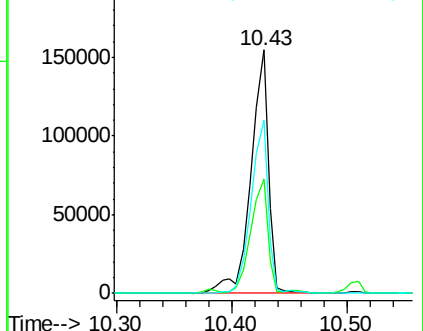
108 71.4 52.5 92.5



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: 38.286 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

Tgt Ion: 77 Resp: 603058

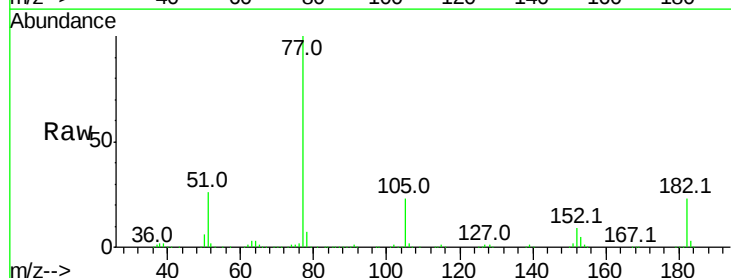
Ion Ratio Lower Upper

77 100

182 23.1 1.7 41.7

105 22.8 3.0 43.0

51 26.1 9.9 49.9

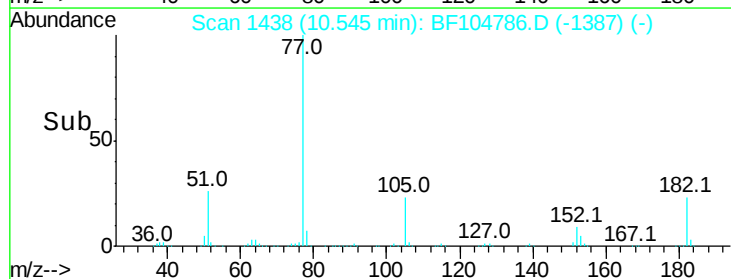
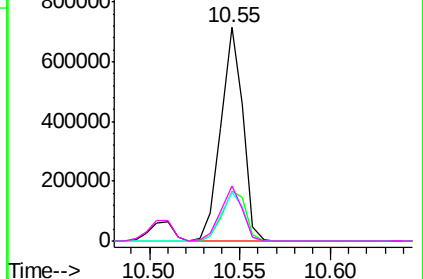


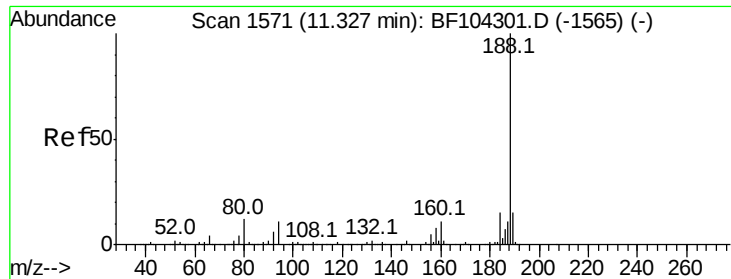
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

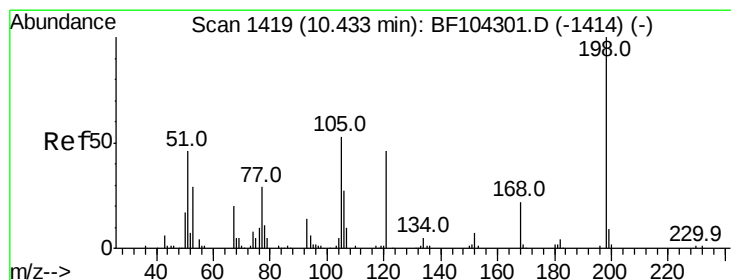
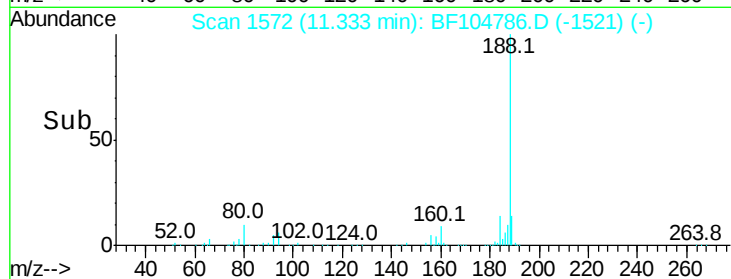
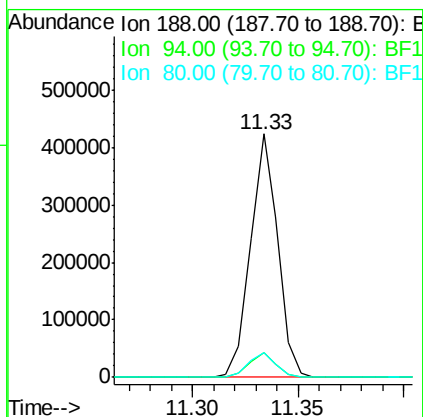
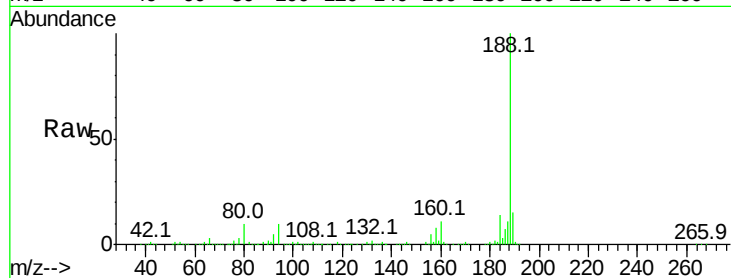




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

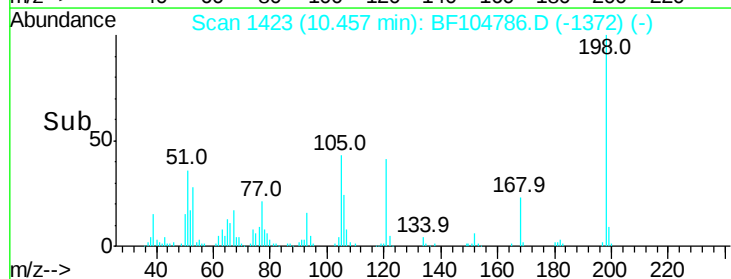
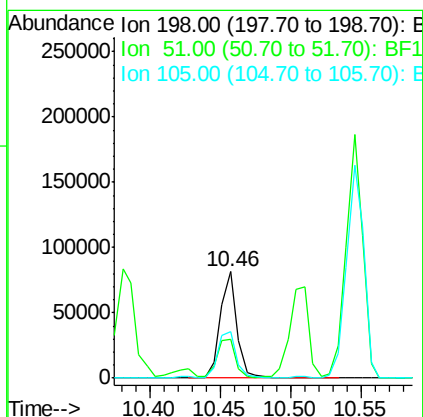
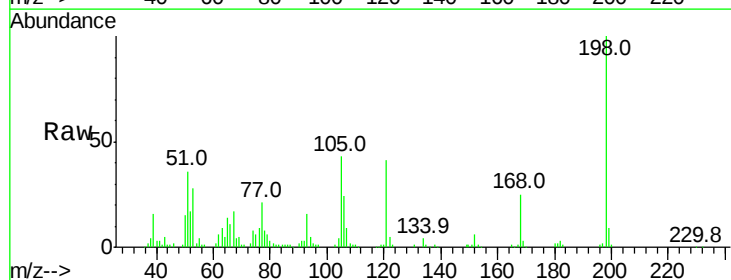
Instrument :
BNA_F
ClientSampleId :

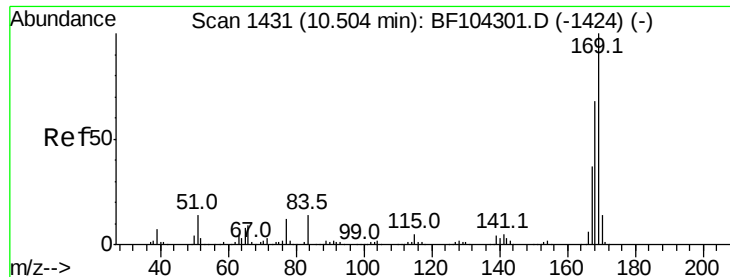
Tot Ion:188 Resp: 378916
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 38.349 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

Tgt Ion:198 Resp: 67550
Ion Ratio Lower Upper
198 100
51 35.9 37.7 77.7#
105 43.5 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 41.220 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

Instrument :

BNA_F

ClientSampleId :

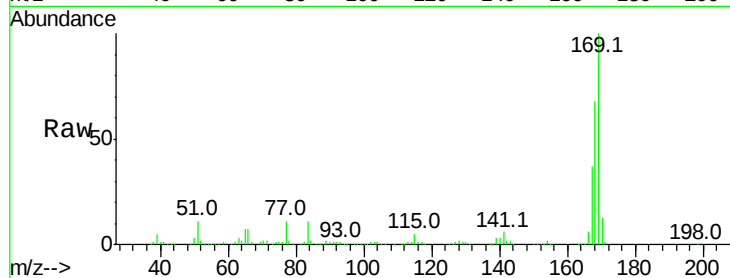
Tot Ion:169 Resp: 541542

Ion Ratio Lower Upper

169 100

168 67.8 54.4 81.6

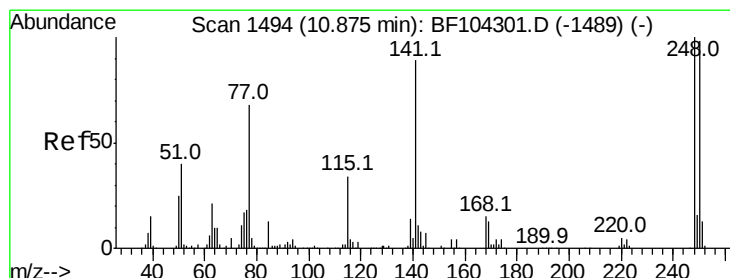
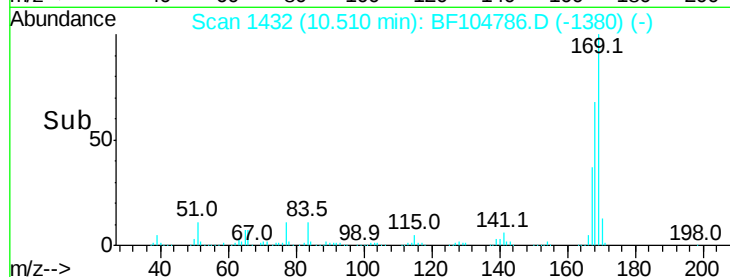
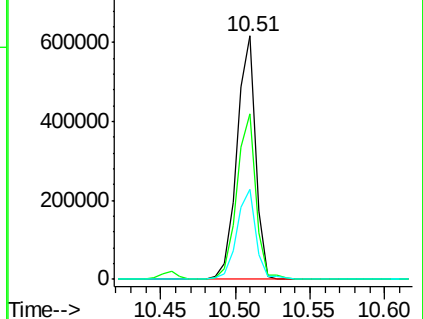
167 36.8 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.048 ng

RT: 10.87 min Scan# 1494

Delta R.T. -0.00 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

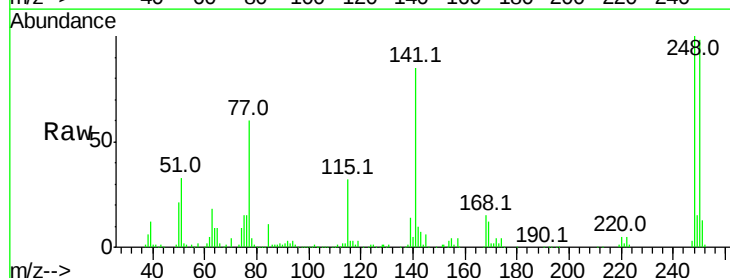
Tgt Ion:248 Resp: 169472

Ion Ratio Lower Upper

248 100

250 98.0 76.9 115.3

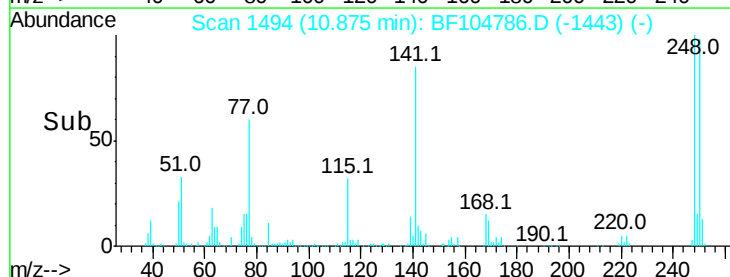
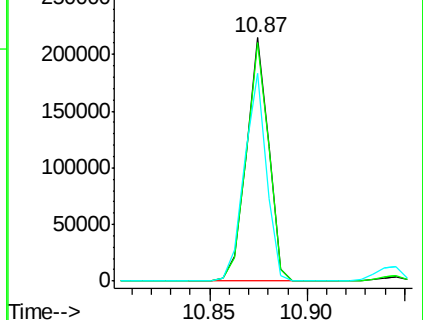
141 85.4 74.4 111.6

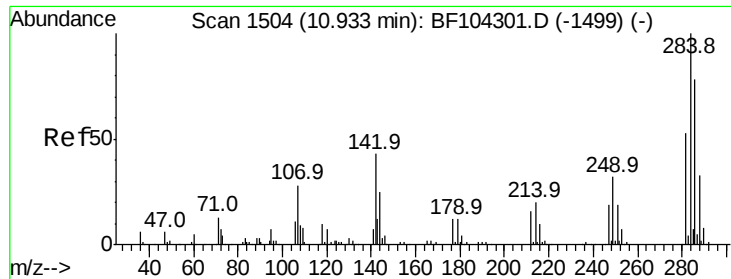


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

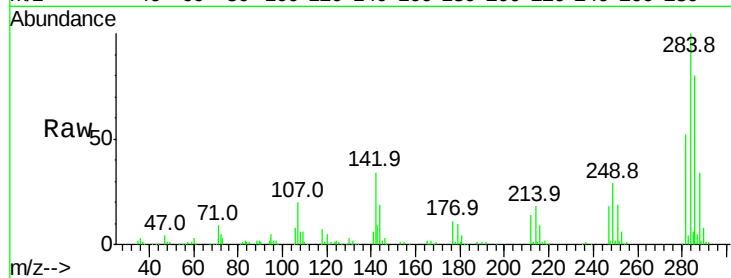




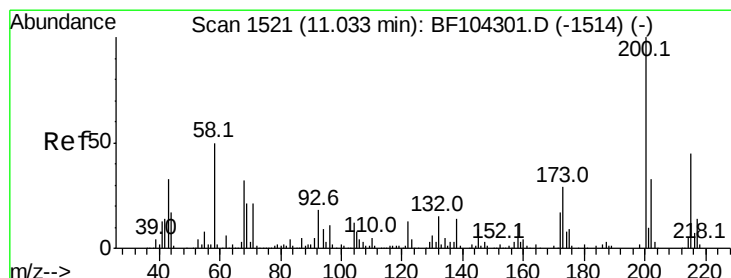
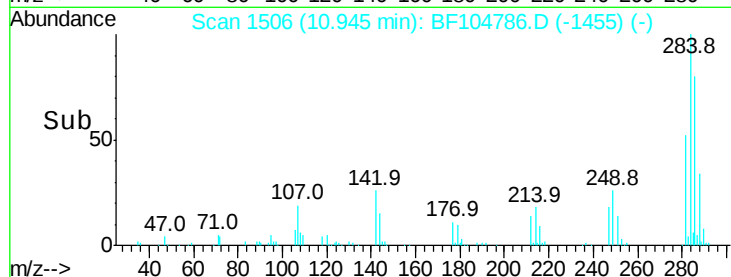
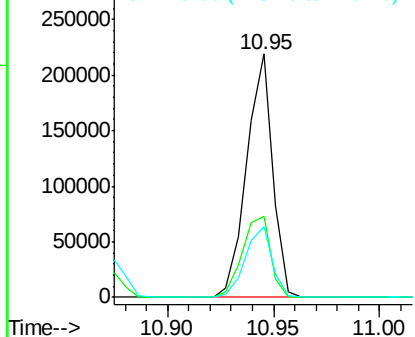
#67
Hexachlorobenzene
Concen: 41.285 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 187230
Ion Ratio Lower Upper
284 100
142 33.5 34.6 52.0#
249 28.9 24.8 37.2

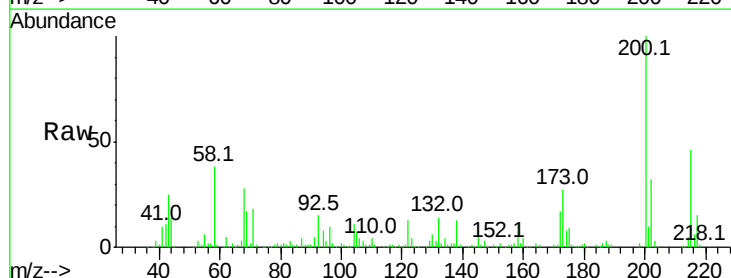


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

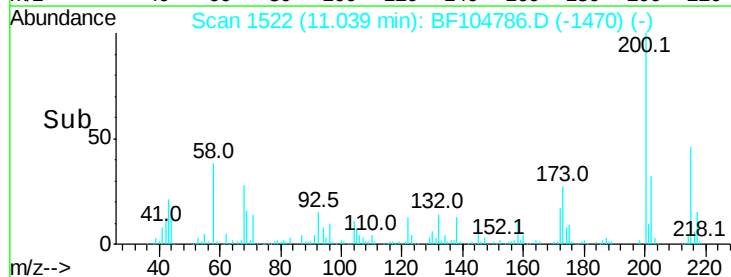
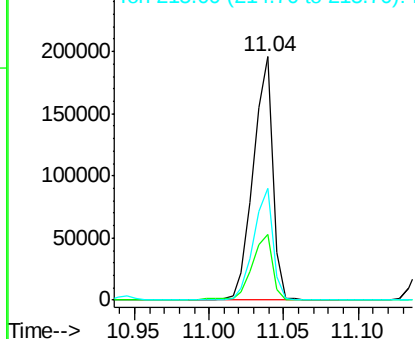


#68
Atrazine
Concen: 44.497 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

Tgt Ion:200 Resp: 176458
Ion Ratio Lower Upper
200 100
173 27.2 8.6 48.6
215 45.8 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

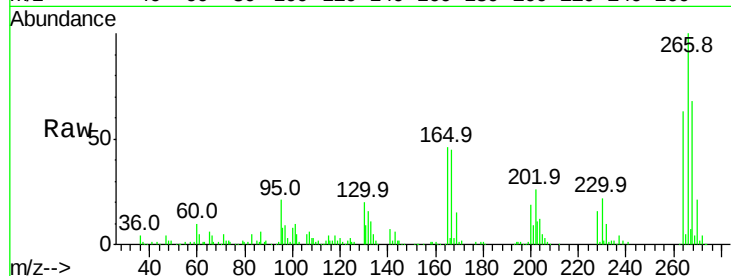




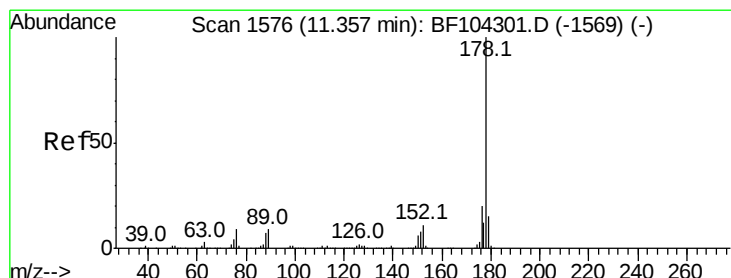
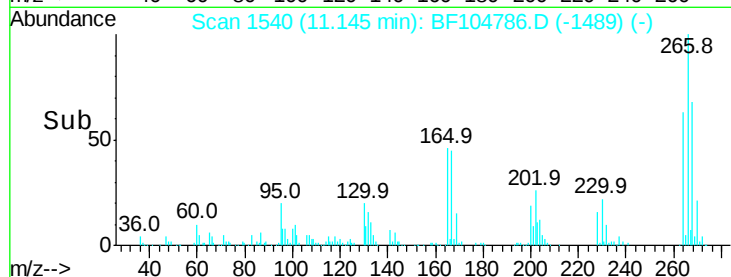
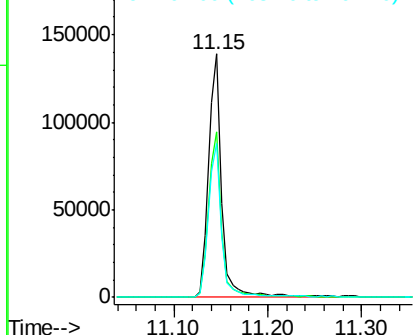
#69
 Pentachlorophenol
 Concen: 49.280 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF104786.D
 Acq: 25 Apr 2018 14:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.8	51.1	76.7
264	63.4	49.5	74.3

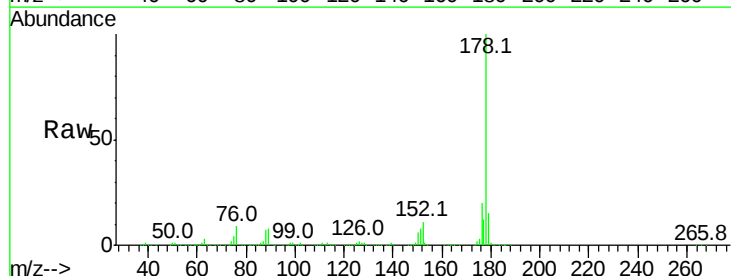


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

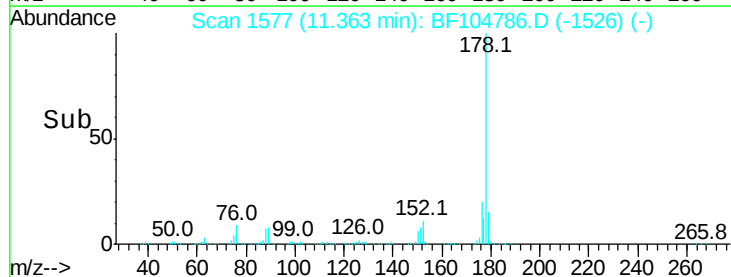
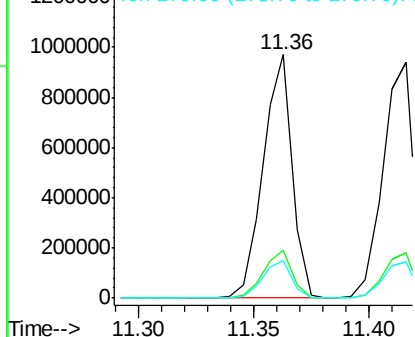


#70
 Phenanthrene
 Concen: 40.260 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF104786.D
 Acq: 25 Apr 2018 14:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.5	13.0	19.6



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

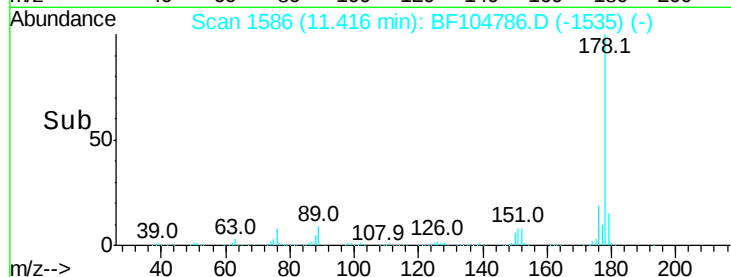
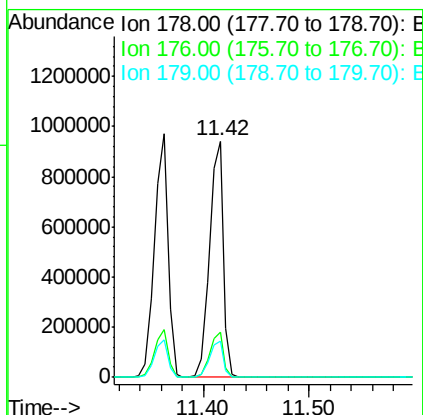
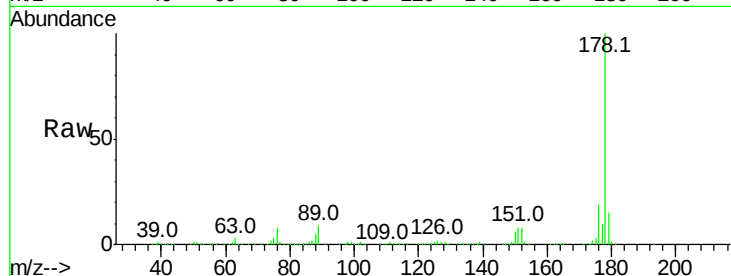




#71
 Anthracene
 Concen: 40.438 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BF104786.D
 Acq: 25 Apr 2018 14:05

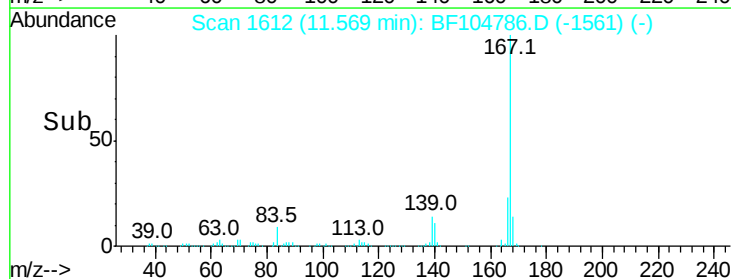
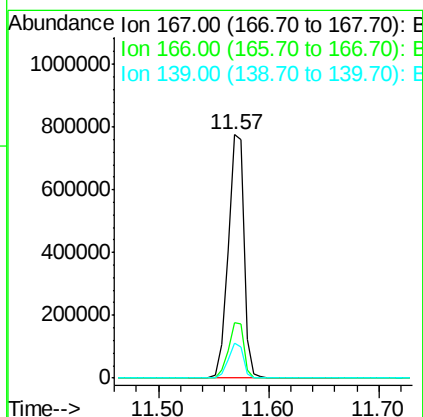
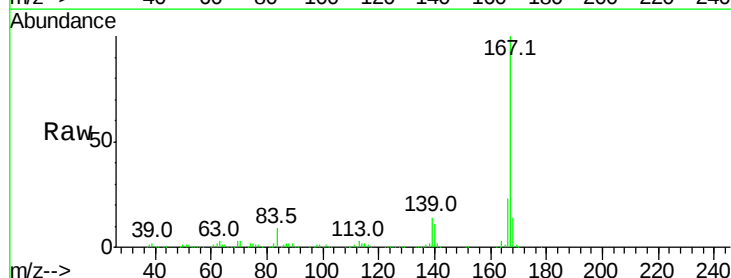
Instrument :
 BNA_F
 ClientSampleId :

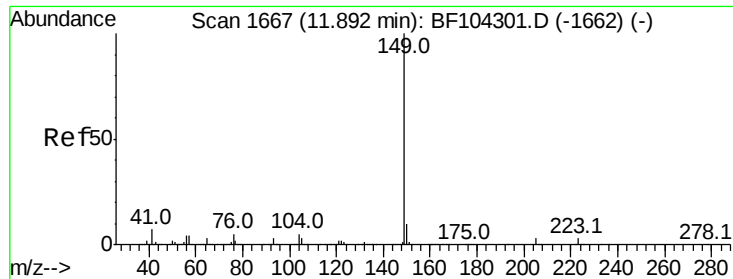
Tot Ion:178 Resp: 867398
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 37.295 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF104786.D
 Acq: 25 Apr 2018 14:05

Tgt Ion:167 Resp: 781715
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 14.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.439 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

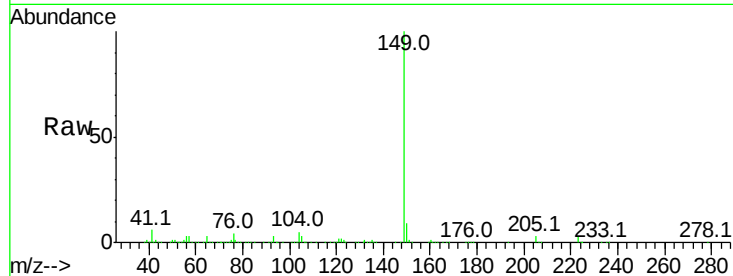
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1009800

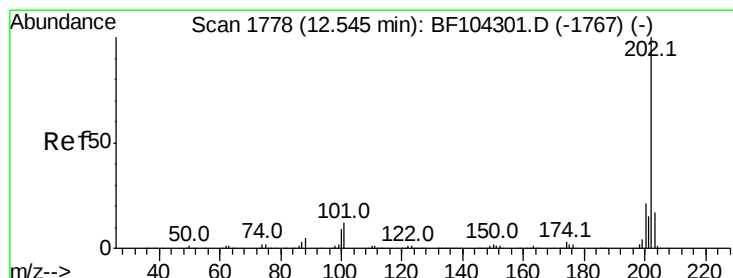
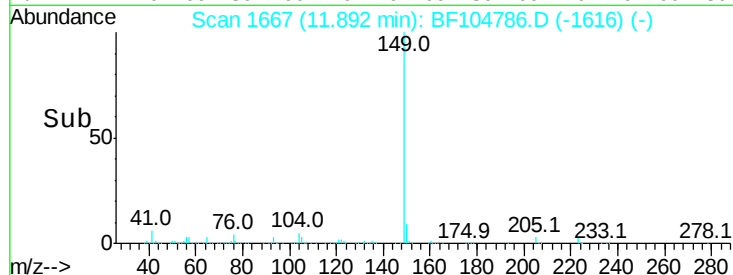
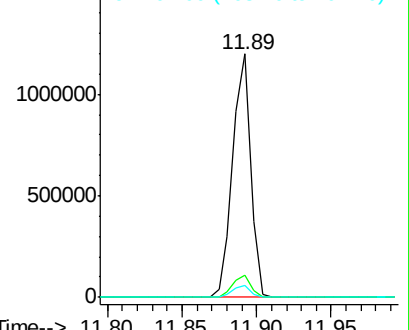
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.7	3.8	5.8



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: 35.804 ng

RT: 12.55 min Scan# 1779

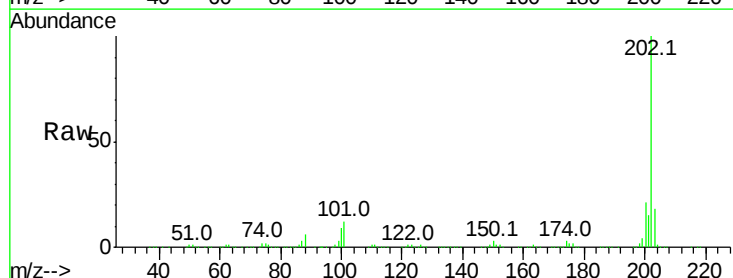
Delta R.T. -0.00 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

Tgt Ion:202 Resp: 789376

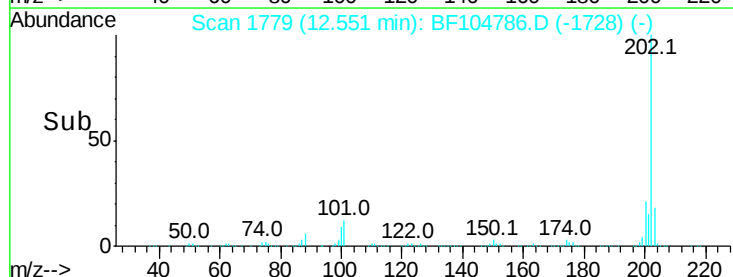
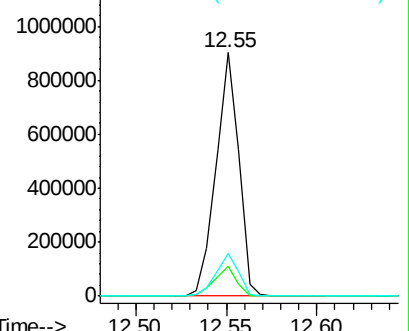
Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.1
203	17.7	0.0	38.1

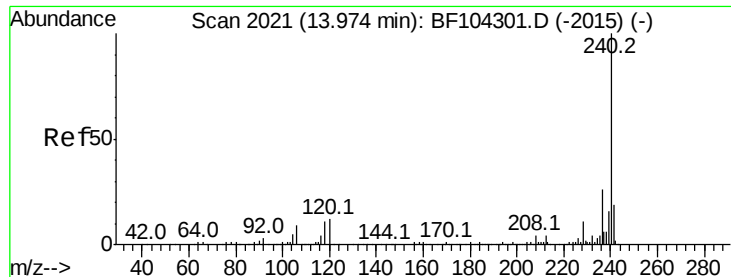


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

Instrument :

BNA_F

ClientSampleId :

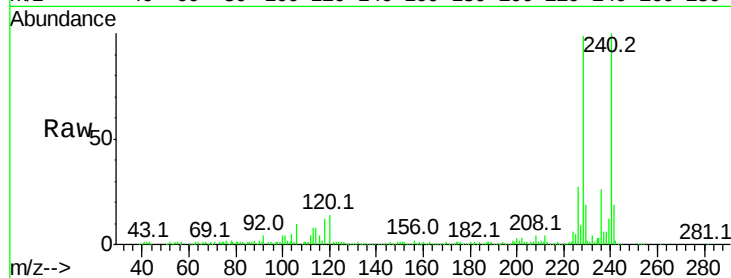
Tot Ion:240 Resp: 215291

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

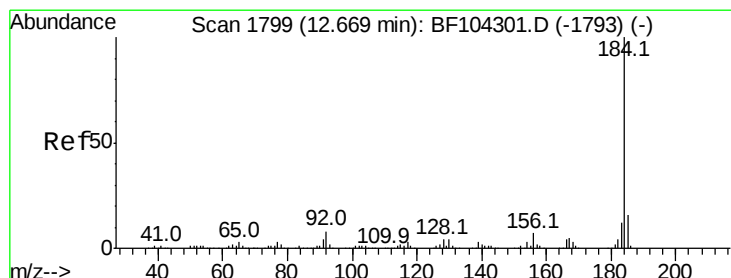
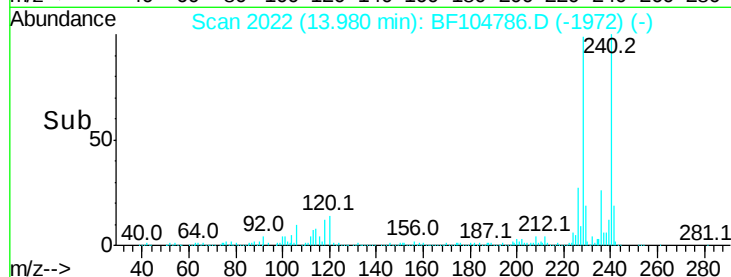
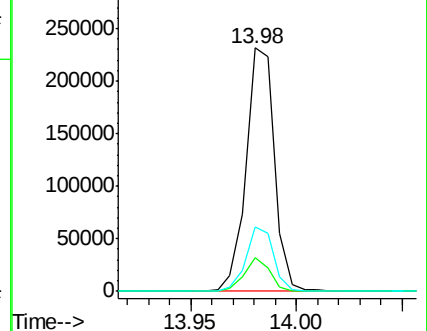
236 26.2 20.7 31.1



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: 44.251 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

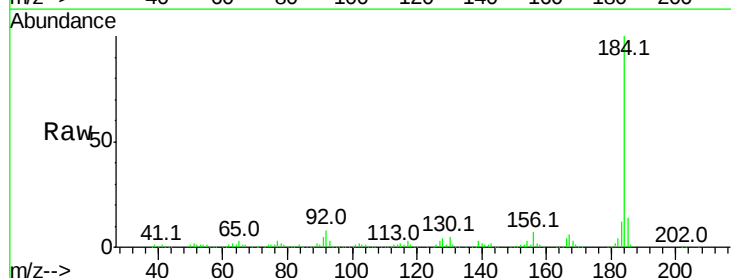
Tgt Ion:184 Resp: 313560

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

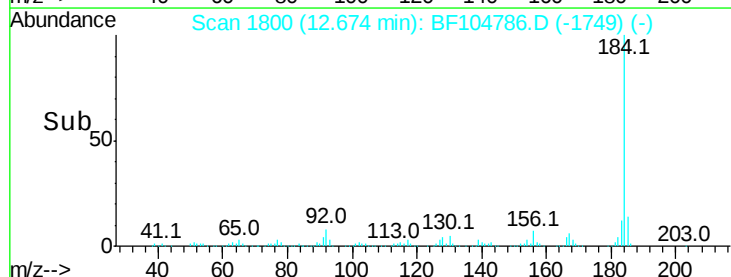
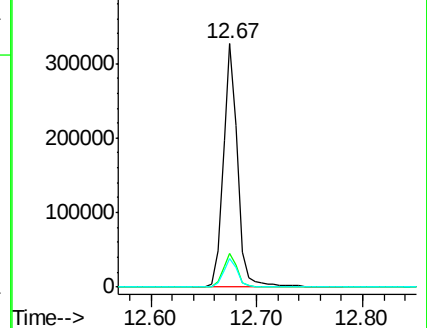
183 11.8 9.3 13.9

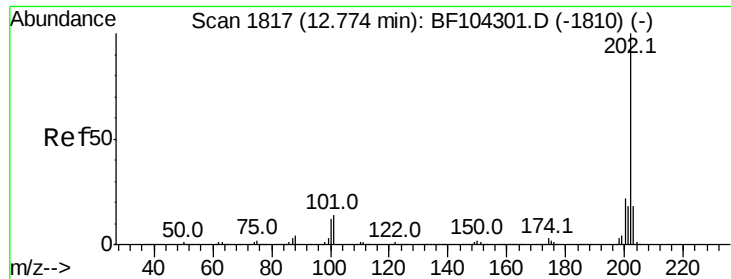


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

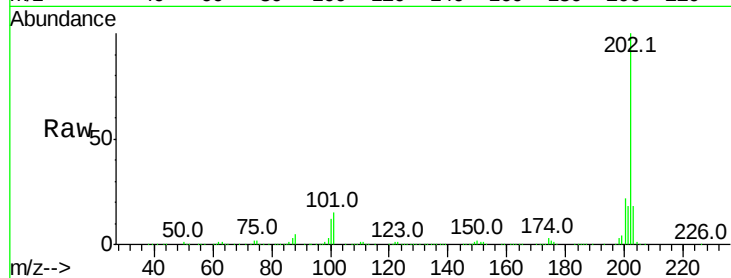




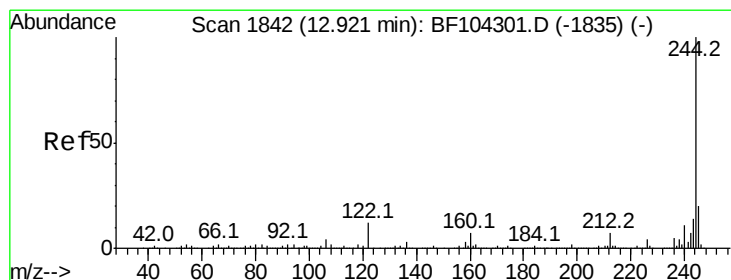
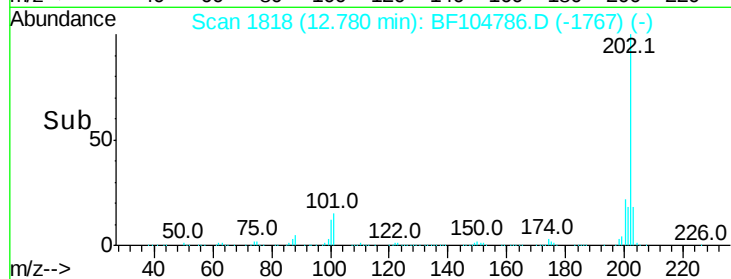
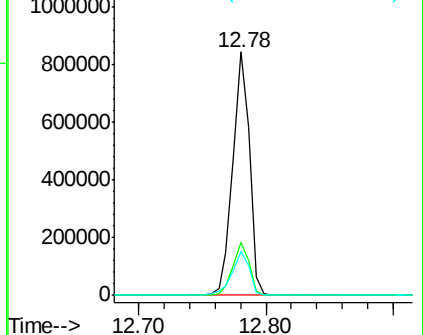
#77
Pvrene
Concen: 47.681 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 760900
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 18.0 14.3 21.5

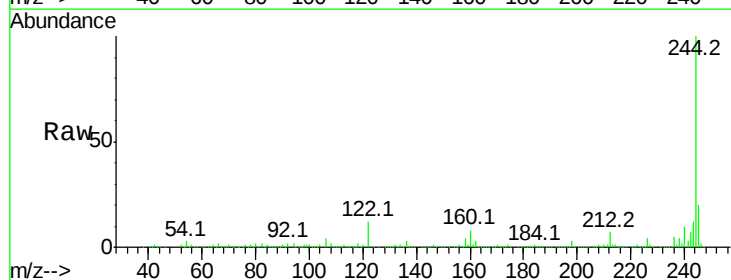


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

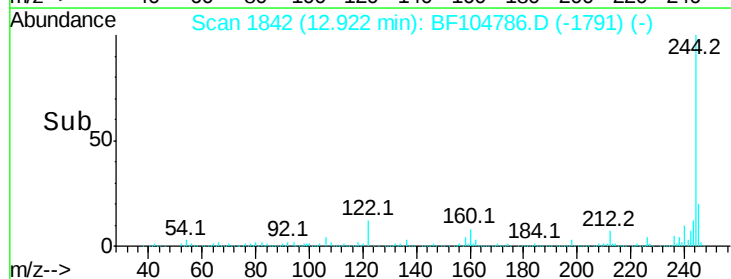
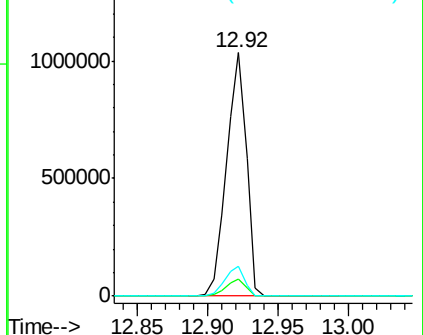


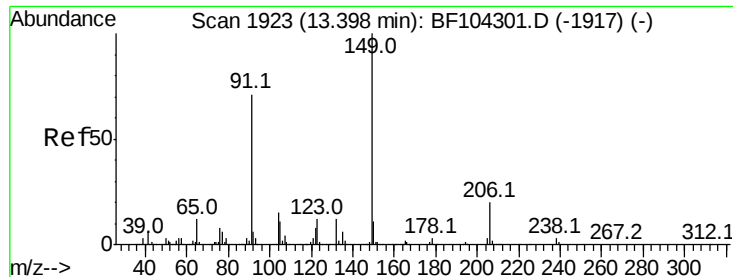
#78
Terphenyl-d14
Concen: 106.595 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

Tgt Ion:244 Resp: 1006606
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 12.1 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

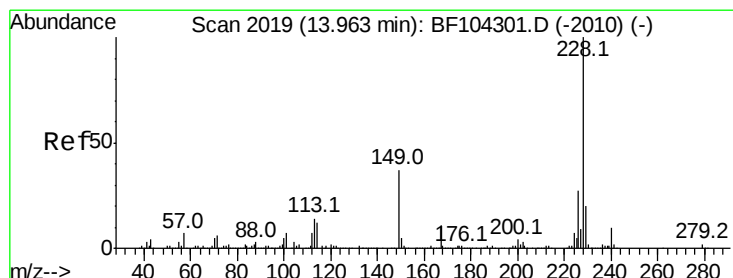
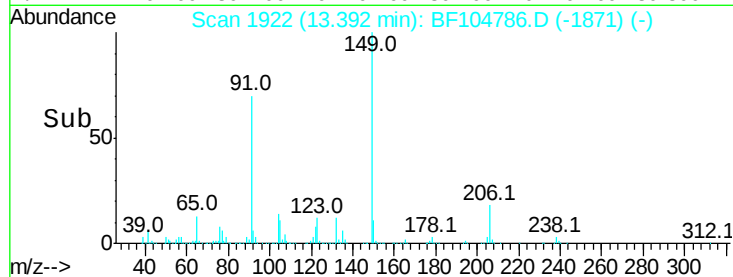
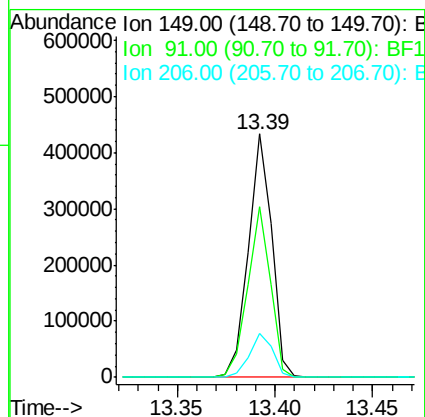
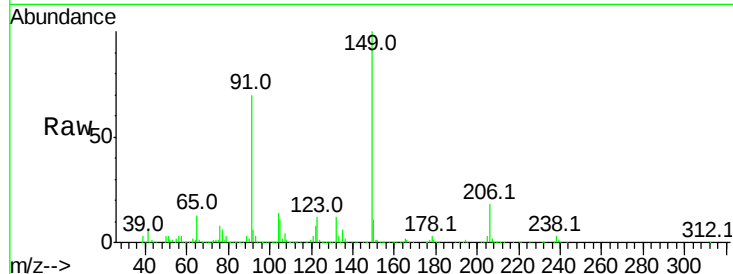




#79
Butylbenzylphthalate
Concen: 47.554 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

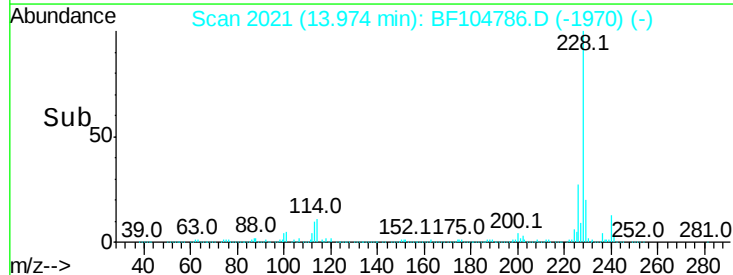
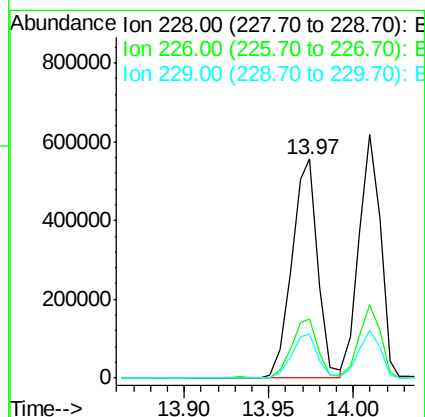
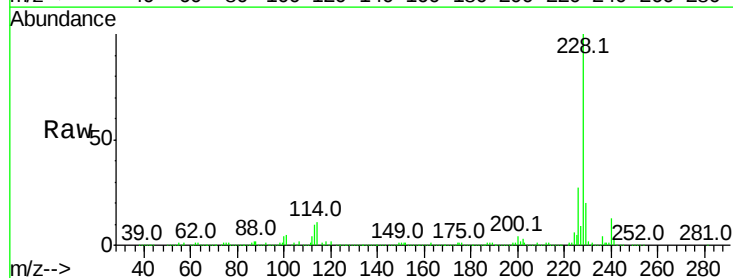
Instrument :
BNA_F
ClientSampleID :

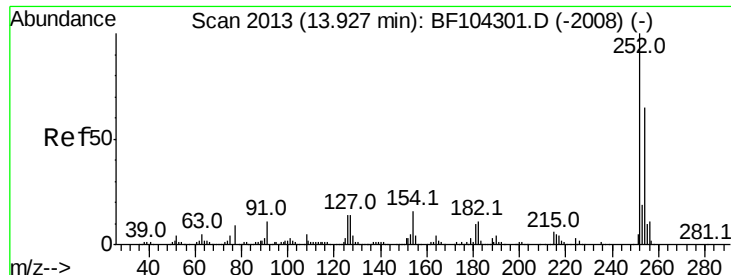
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.2	56.8	85.2
206	18.0	14.1	21.1



#80
Benzo(a)anthracene
Concen: 46.172 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	20.2	15.8	23.6

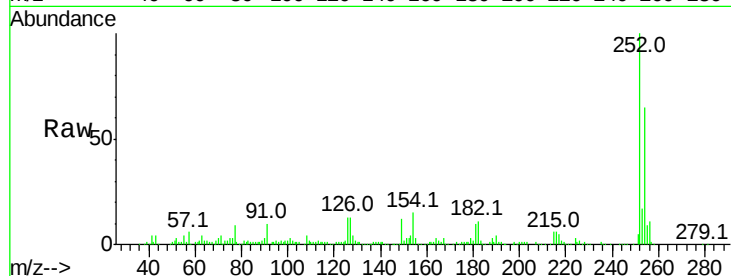




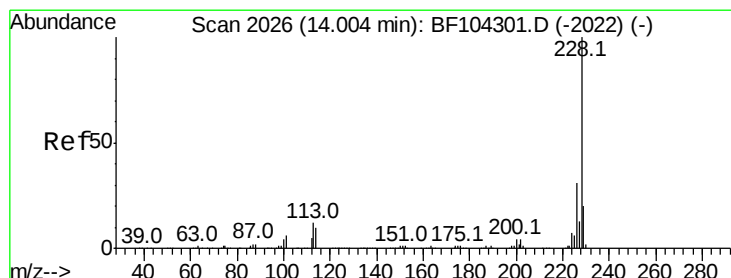
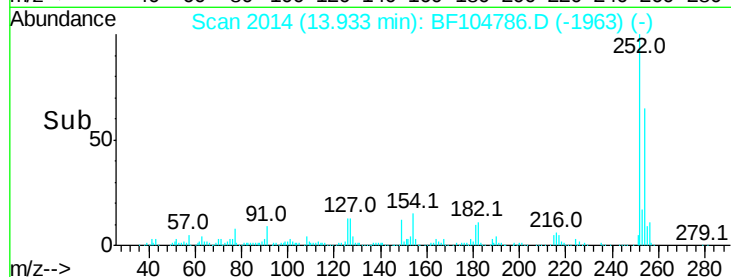
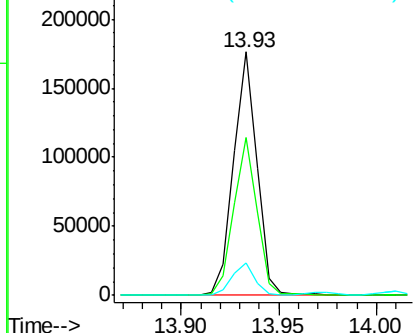
#81
 3,3'-Dichlorobenzidine
 Concen: 30.671 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF104786.D
 Acq: 25 Apr 2018 14:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 147083
 Ion Ratio Lower Upper
 252 100
 254 64.6 50.4 75.6
 126 13.1 11.3 16.9

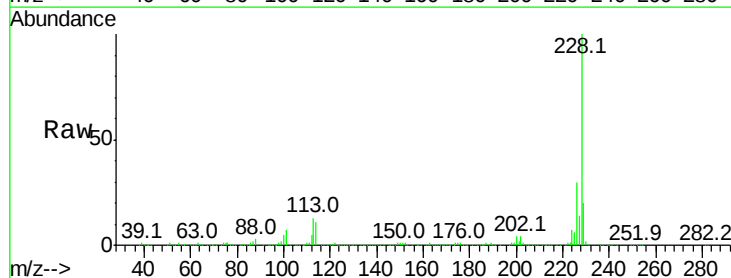


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

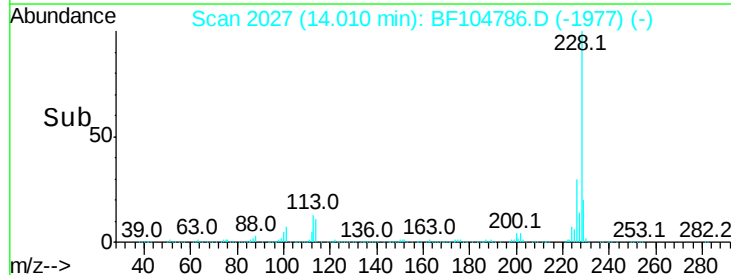
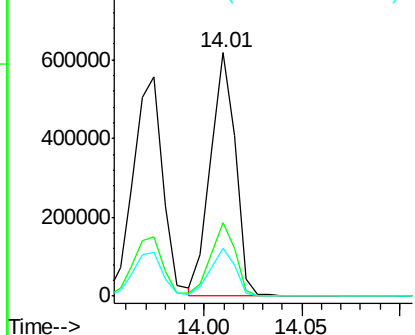


#82
 Chrysene
 Concen: 41.361 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF104786.D
 Acq: 25 Apr 2018 14:05

Tgt Ion:228 Resp: 546416
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.0 37.6
 229 19.8 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.442 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

Instrument :

BNA_F

ClientSampleId :

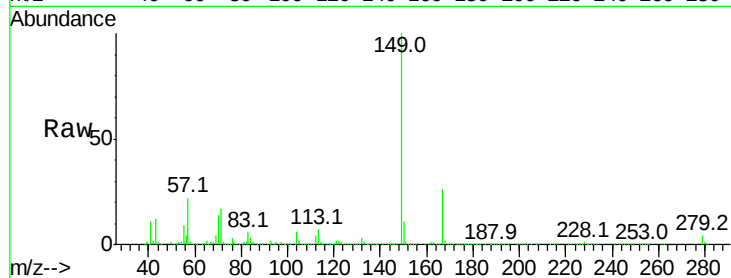
Tot Ion:149 Resp: 478112

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

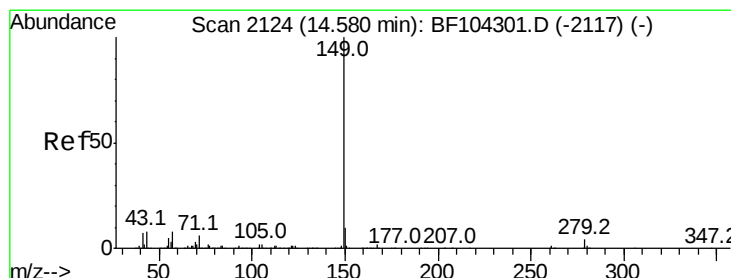
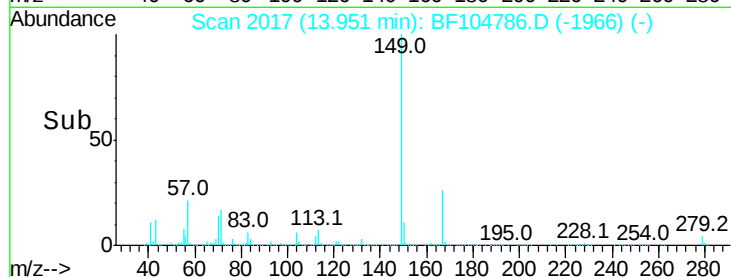
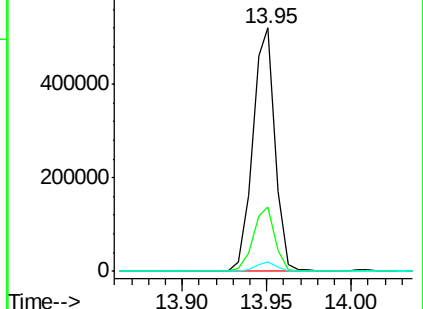
279 3.8 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.777 ng

RT: 14.57 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

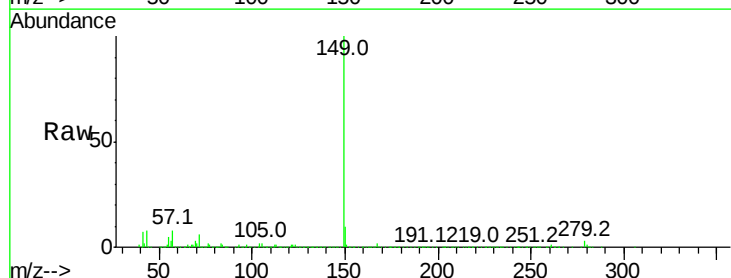
Tgt Ion:149 Resp: 723513

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

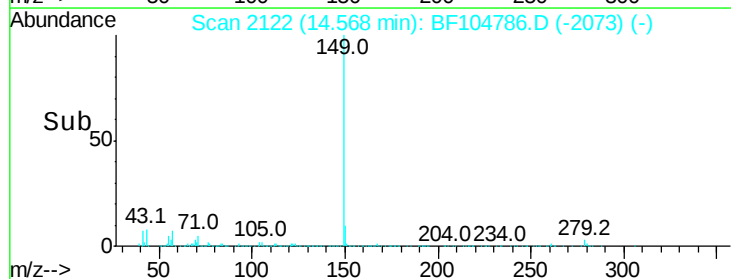
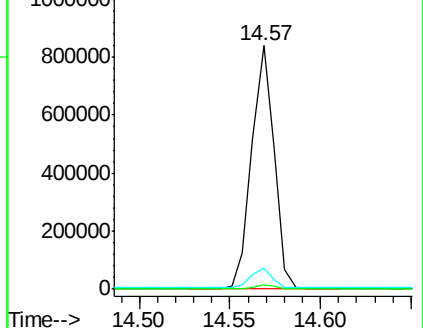
43 8.0 8.4 12.6#

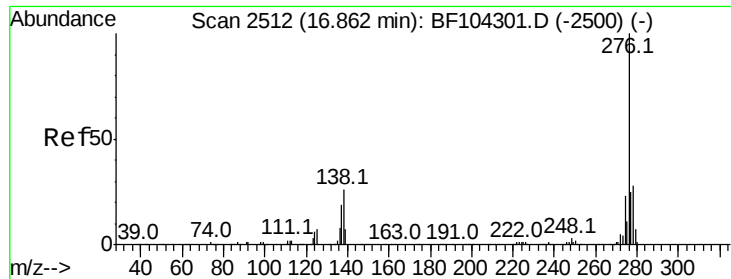


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

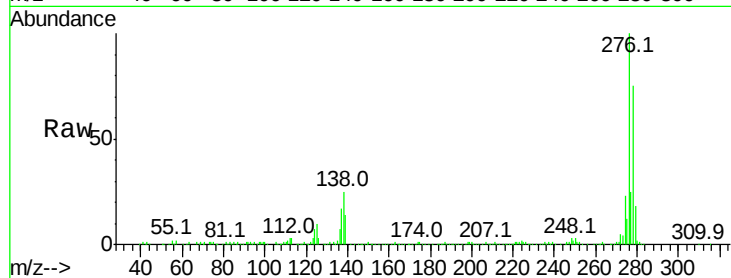




#85
Indeno(1,2,3-cd)pyrene
Concen: 50.212 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.5	25.0	37.6
277	25.7	20.1	30.1

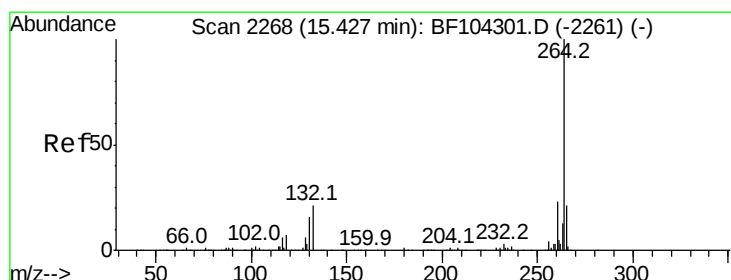
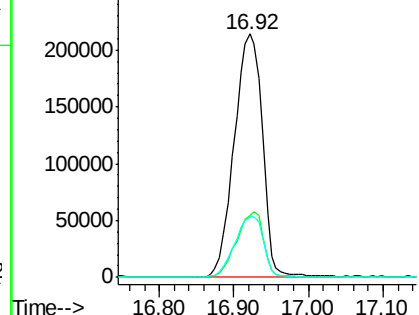
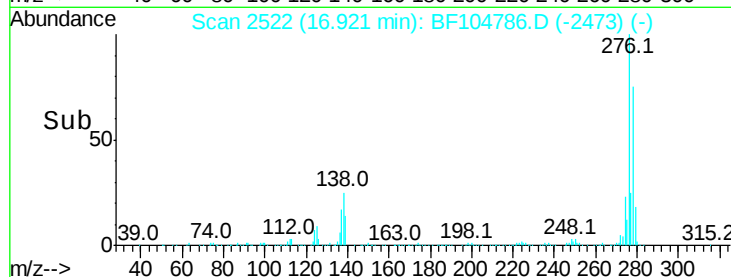


Abundance

Ion 276.00 (275.70 to 276.70): E

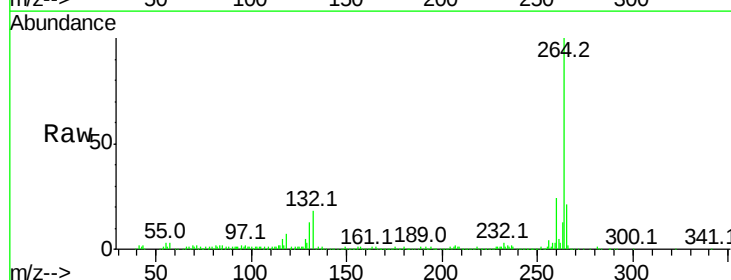
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.1	17.5	26.3

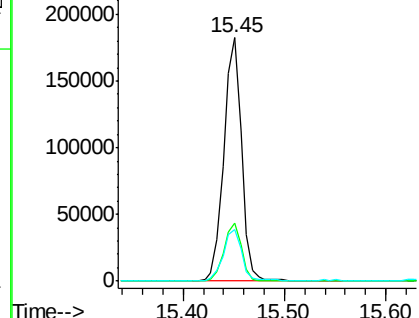
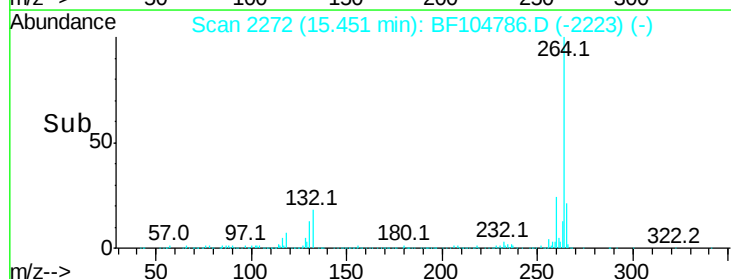


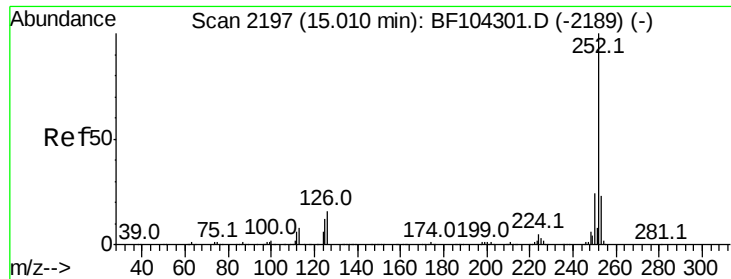
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

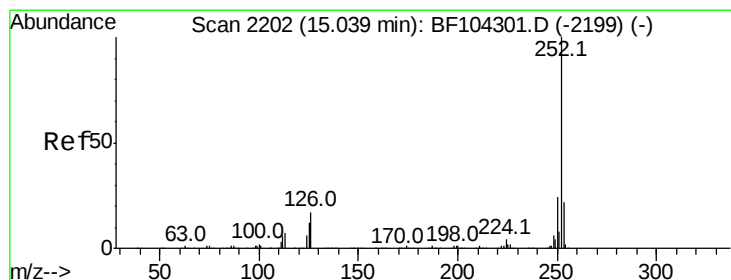
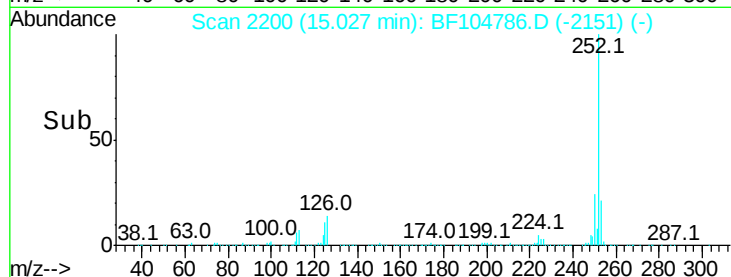
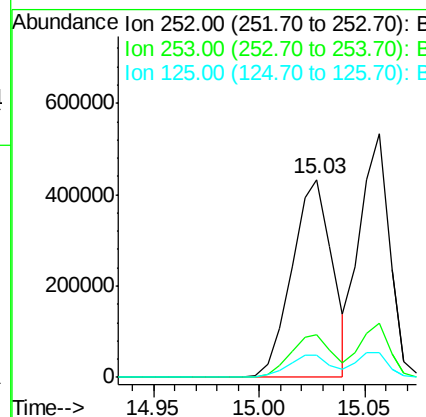
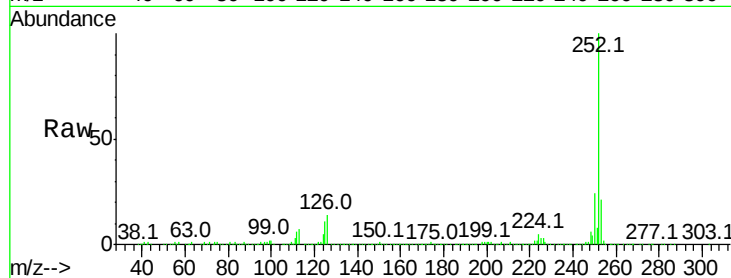




#87
Benzo(b)fluoranthene
Concen: 41.133 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

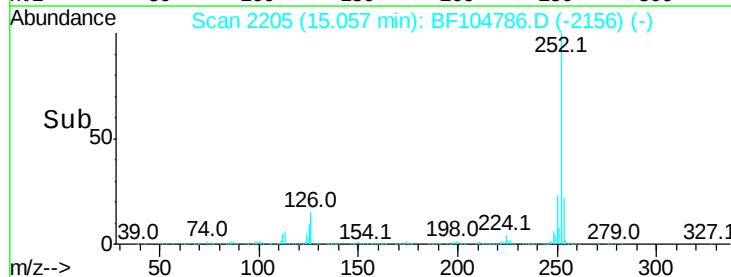
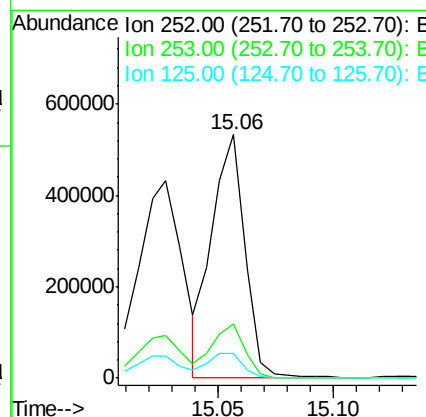
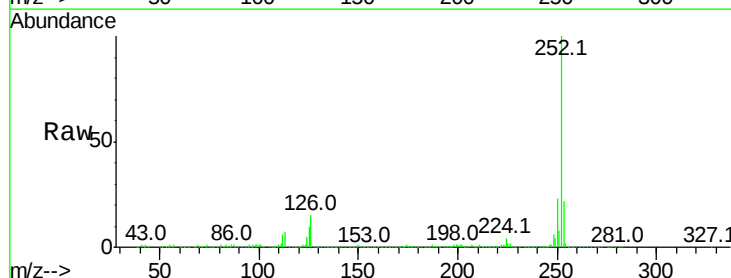
Instrument :
BNA_F
ClientSampleId :

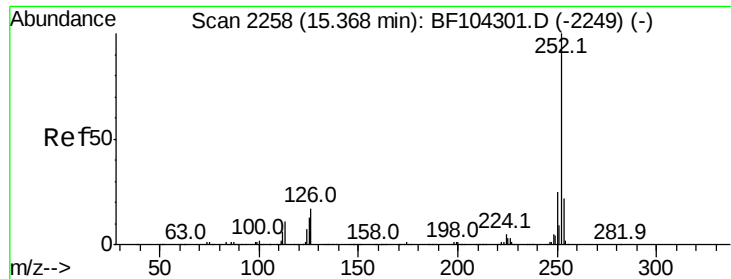
Tot Ion:252 Resp: 577013
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 11.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.574 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

Tgt Ion:252 Resp: 524102
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 10.3 10.2 15.2

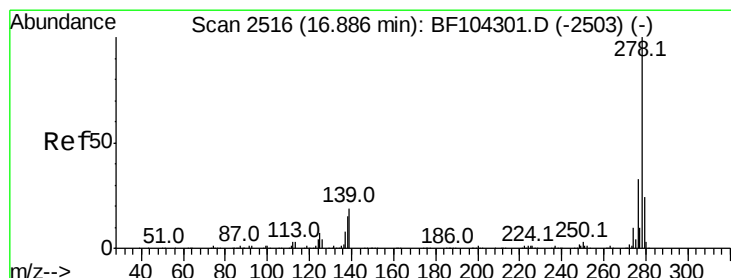
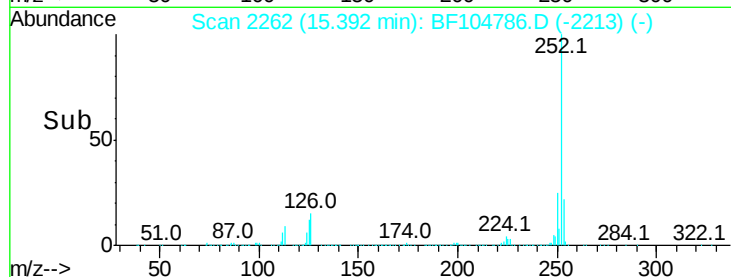
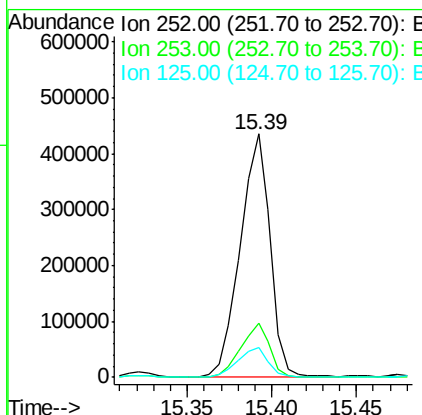
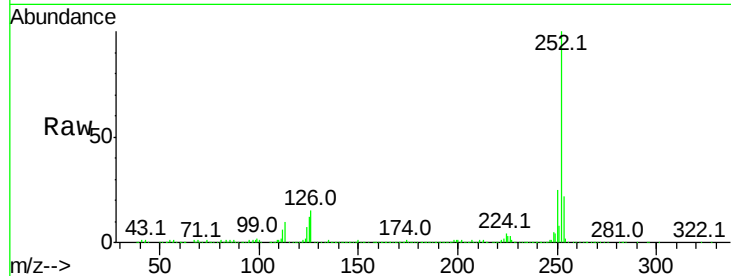




#89
Benzo(a)pyrene
Concen: 42.753 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

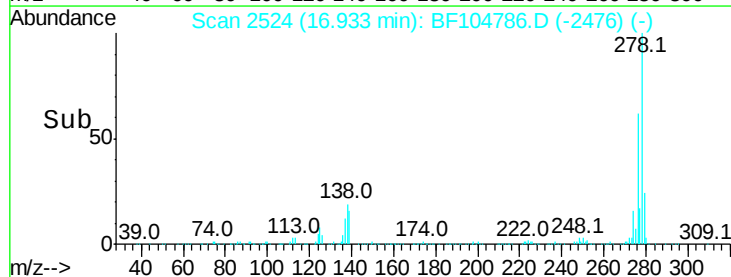
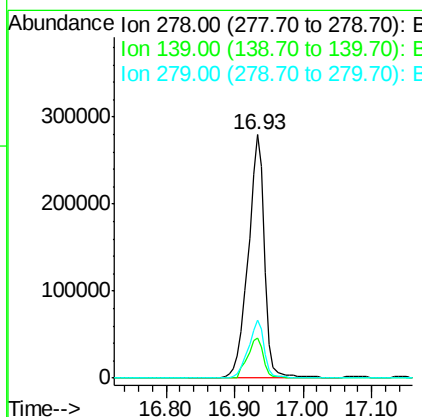
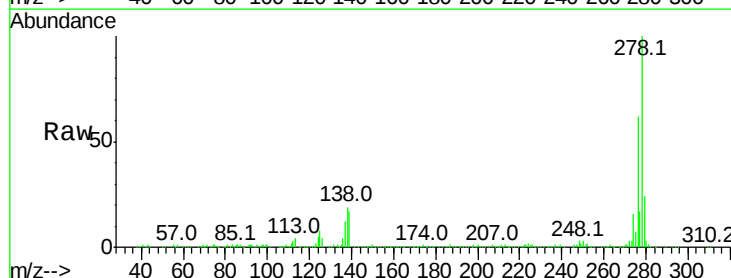
Instrument :
BNA_F
ClientSampleId :

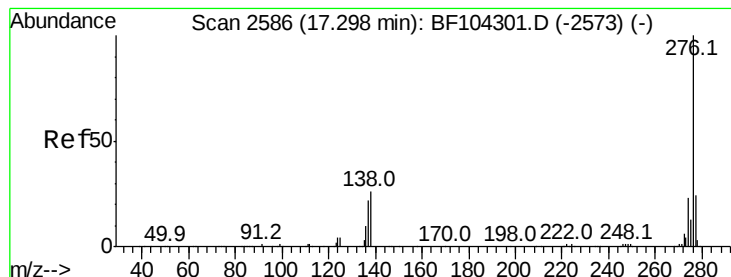
Tot Ion:252 Resp: 536620
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 12.0 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 45.521 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF104786.D
Acq: 25 Apr 2018 14:05

Tgt Ion:278 Resp: 469253
Ion Ratio Lower Upper
278 100
139 16.7 15.9 23.9
279 24.0 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 45.259 ng

RT: 17.36 min Scan# 2597

Delta R.T. -0.02 min

Lab File: BF104786.D

Acq: 25 Apr 2018 14:05

Instrument :

BNA_F

ClientSampleId :

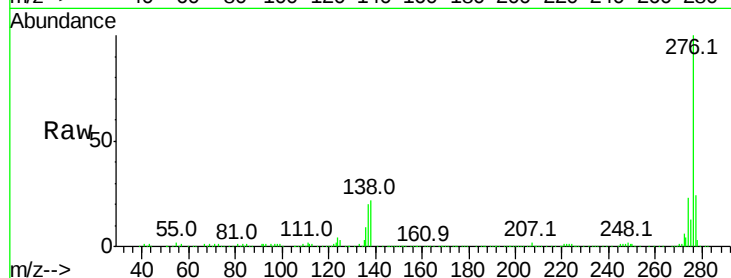
Tot Ion:276 Resp: 452011

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 21.9 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

