

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104785.D
 Acq On : 25 Apr 2018 13:38
 Operator : JU/SJ
 Sample : J2511-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 08:08:23 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	140197	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	620227	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	299747	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	533441	20.00	ng	0.00
75) Chrysene-d12	13.99	240	313864	20.00	ng	0.00
86) Perylene-d12	15.45	264	319501	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	899331	98.09	ng	0.01
7) Phenol-d6	6.45	99	1126021	99.95	ng	0.00
23) Nitrobenzene-d5	7.37	82	705862	74.31	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	300868	96.76	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1181272	62.26	ng	0.00
78) Terphenyl-d14	12.92	244	1067204	77.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	97177	22.746	ng	88
3) Pyridine	3.30	79	278650	23.198	ng	85
4) n-Nitrosodimethylamine	3.26	42	118323	28.180	ng	# 83
6) Aniline	6.47	93	258360	16.507	ng	# 46
8) 2-Chlorophenol	6.59	128	308941	31.924	ng	93
9) Benzaldehyde	6.35	77	128221	18.694	ng	94
10) Phenol	6.46	94	376484	31.497	ng	81
11) bis(2-Chloroethyl)ether	6.54	93	276507	28.988	ng	93
12) 1,3-Dichlorobenzene	6.74	146	316664	28.884	ng	98
13) 1,4-Dichlorobenzene	6.82	146	319679	29.251	ng	99
14) 1,2-Dichlorobenzene	6.97	146	300053	29.627	ng	98
15) Benzyl Alcohol	6.95	79	256607	29.990	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	321184	25.073	ng	66
17) 2-Methylphenol	7.06	107	256680	30.513	ng	93
18) Hexachloroethane	7.31	117	116371	29.865	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	196499	26.693	ng	90
20) 3+4-Methylphenols	7.22	107	308127	29.534	ng	# 64
22) Acetophenone	7.22	105	414831	27.167	ng	# 97
24) Nitrobenzene	7.39	77	314975	30.035	ng	94
25) Isophorone	7.63	82	568020	28.280	ng	98
26) 2-Nitrophenol	7.70	139	169043	39.596	ng	95
27) 2,4-Dimethylphenol	7.75	122	267433	30.169	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	358275	29.174	ng	99
29) 2,4-Dichlorophenol	7.95	162	258992	30.621	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	262980	28.331	ng	96
31) Naphthalene	8.11	128	871804	28.228	ng	99
32) Benzoic acid	7.75	122	267433	37.811	ng	# 14
33) 4-Chloroaniline	8.16	127	147635	11.158	ng	98
34) Hexachlorobutadiene	8.22	225	138990	27.337	ng	99
35) Caprolactam	8.53	113	45341	15.367	ng	# 78
36) 4-Chloro-3-methylphenol	8.66	107	279253	30.791	ng	98
37) 2-Methylnaphthalene	8.80	142	584674	29.267	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	253531	29.547	ng	99
40) Hexachlorocyclopentadiene	8.95	237	154546	32.173	ng	98

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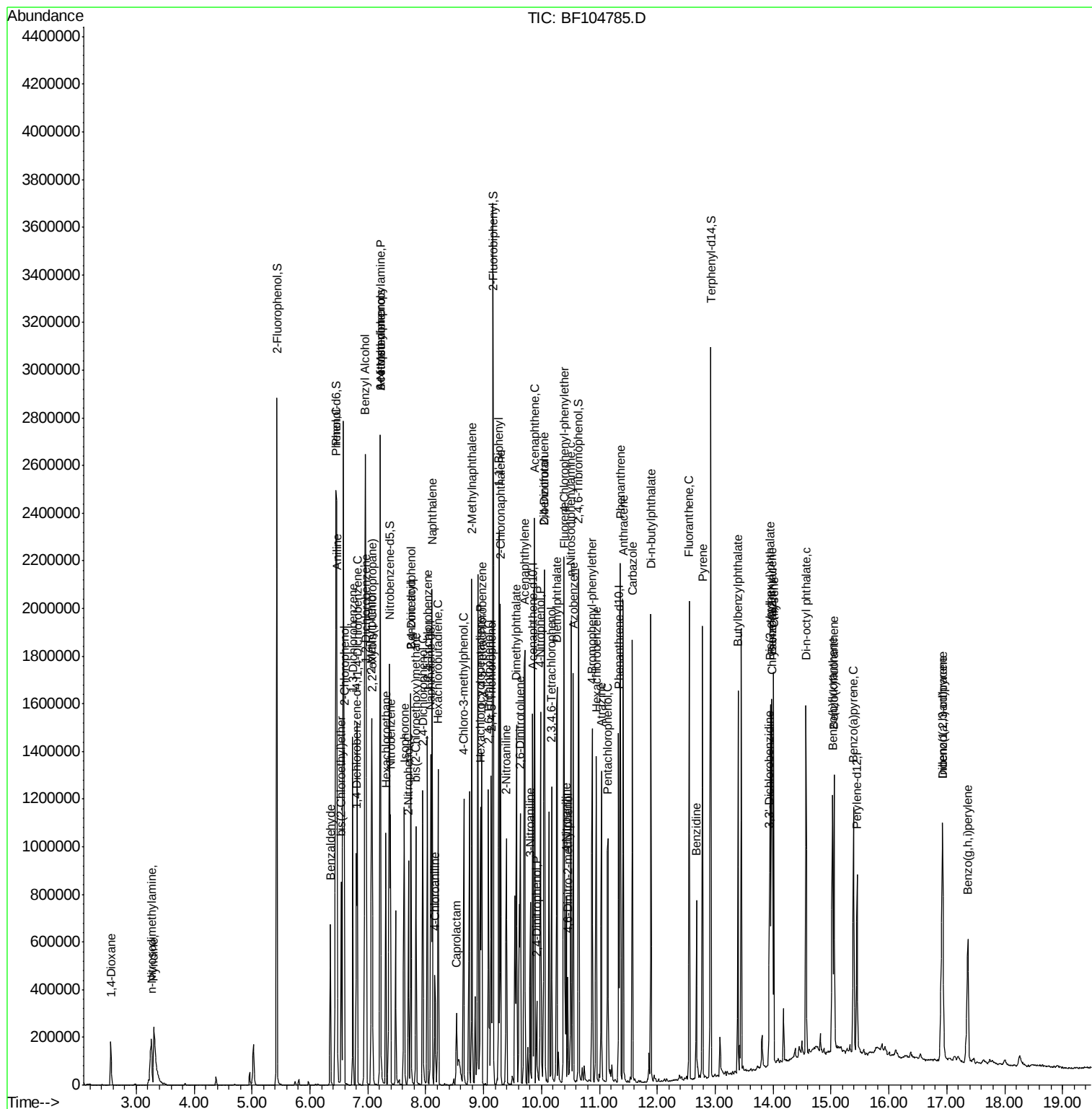
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42) 2,4,6-Trichlorophenol	9.09	196	177538	29.806	ng	95
43) 2,4,5-Trichlorophenol	9.13	196	192008	28.806	ng	98
45) 1,1'-Biphenyl	9.26	154	681531	27.065	ng	99
46) 2-Chloronaphthalene	9.29	162	541868	27.244	ng	100
47) 2-Nitroaniline	9.39	65	169464	34.453	ng	99
48) Acenaphthylene	9.71	152	814417	26.098	ng	99
49) Dimethylphthalate	9.57	163	767754	32.480	ng	99
50) 2,6-Dinitrotoluene	9.63	165	148332	33.914	ng	99
51) Acenaphthene	9.88	154	474559	24.924	ng	100
52) 3-Nitroaniline	9.80	138	121200	23.670	ng	100
53) 2,4-Dinitrophenol	9.92	184	45934	35.914	ng	# 24
54) Dibenzofuran	10.05	168	717697	27.048	ng	97
55) 4-Nitrophenol	9.99	139	206961	51.454	ng	96
56) 2,4-Dinitrotoluene	10.05	165	187756	32.726	ng	# 97
57) Fluorene	10.40	166	577641	29.909	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	140178	28.189	ng	95
59) Diethylphthalate	10.27	149	664681	28.235	ng	97
60) 4-Chlorophenyl-phenylether	10.39	204	267739	31.128	ng	95
61) 4-Nitroaniline	10.43	138	157919	31.542	ng	97
62) Azobenzene	10.55	77	571255	25.399	ng	96
64) 4,6-Dinitro-2-methylphenol	10.46	198	60081	26.933	ng	# 74
65) n-Nitrosodiphenylamine	10.51	169	521661	28.204	ng	99
66) 4-Bromophenyl-phenylether	10.87	248	163640	28.840	ng	94
67) Hexachlorobenzene	10.95	284	180851	28.326	ng	# 88
68) Atrazine	11.04	200	171124	30.652	ng	99
69) Pentachlorophenol	11.15	266	124503	31.521	ng	98
70) Phenanthrene	11.36	178	822169	27.676	ng	99
71) Anthracene	11.42	178	836442	27.699	ng	99
72) Carbazole	11.57	167	761453	25.805	ng	99
73) Di-n-butylphthalate	11.89	149	970370	26.920	ng	99
74) Fluoranthene	12.55	202	776535	25.019	ng	98
76) Benzidine	12.67	184	285970	23.453	ng	98
77) Pyrene	12.78	202	760256	32.679	ng	99
79) Butylbenzylphthalate	13.39	149	345774	31.548	ng	99
80) Benzo(a)anthracene	13.97	228	563164	30.034	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	122357	17.502	ng	99
82) Chrysene	14.01	228	523798	27.197	ng	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	459323	32.581	ng	100
84) Di-n-octyl phthalate	14.57	149	689437	29.268	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.92	276	551207	33.691	ng	94
87) Benzo(b)fluoranthene	15.03	252	538259	26.674	ng	99
88) Benzo(k)fluoranthene	15.06	252	486131	25.517	ng	98
89) Benzo(a)pyrene	15.39	252	506759	28.067	ng	98
90) Dibenzo(a,h)anthracene	16.93	278	455286	30.703	ng	95
91) Benzo(g,h,i)perylene	17.37	276	446294	31.065	ng	# 94

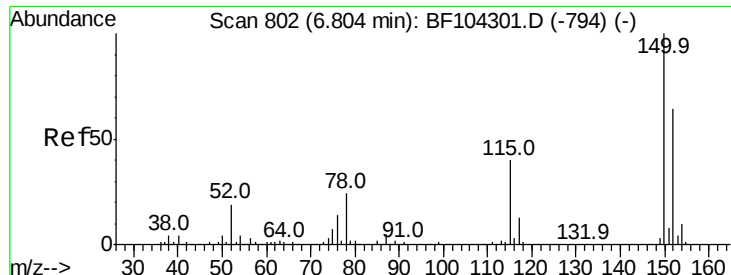
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc      :  
ALS Vial  : 6      Sample Multiplier: 1
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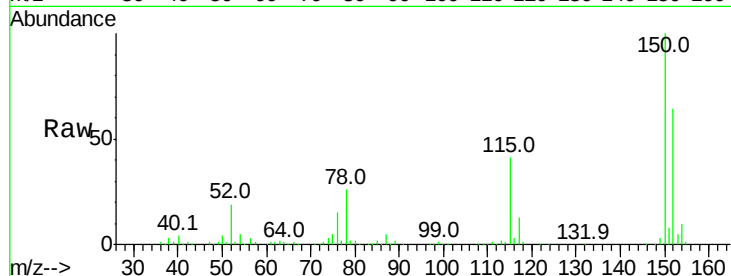


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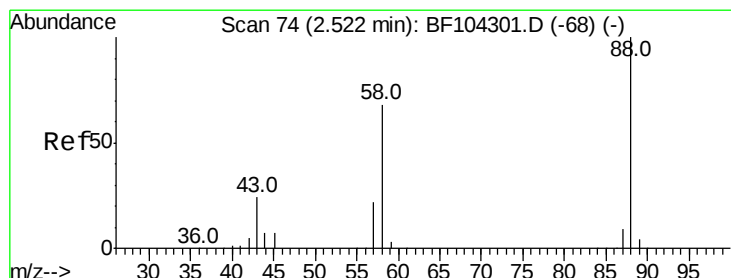
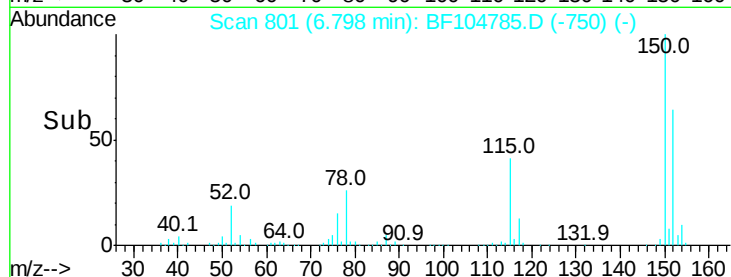
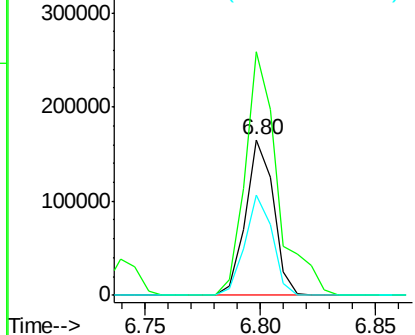
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 140197
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 64.7 50.1 75.1



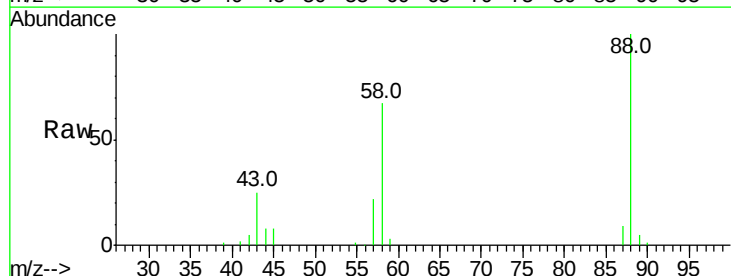
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



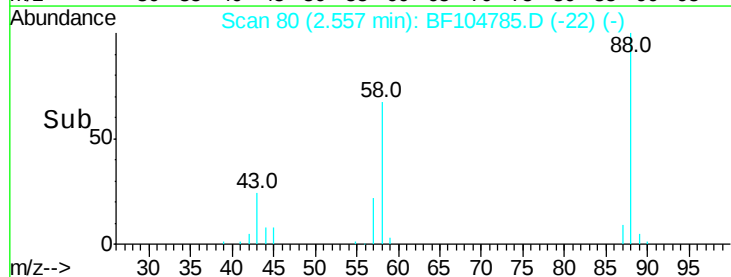
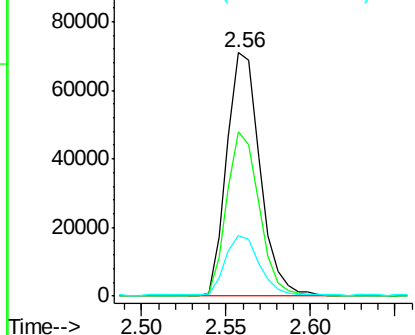
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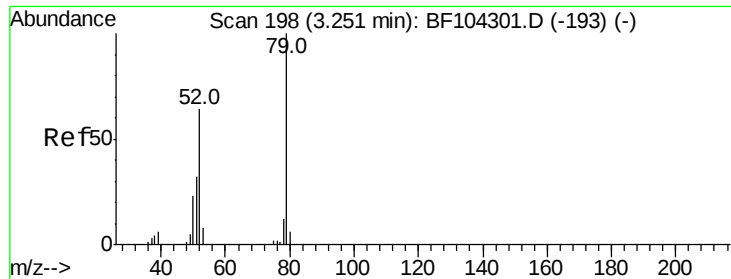
1,4-Dioxane
Concen: 22.746 ng
RT: 2.56 min Scan# 80
Delta R.T. 0.04 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Tgt Ion: 88 Resp: 97177
Ion Ratio Lower Upper
88 100
58 65.8 62.6 93.8
43 26.6 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

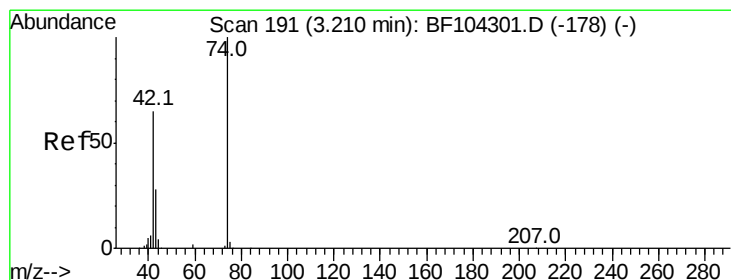
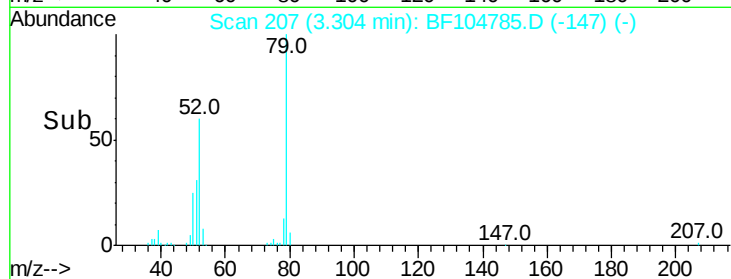
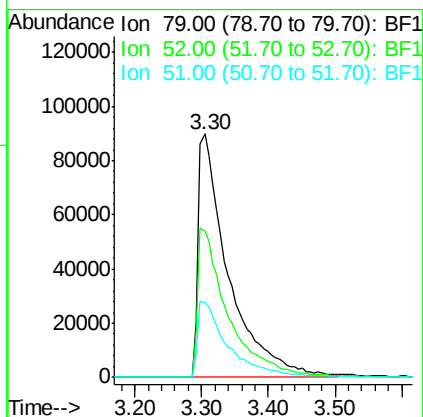
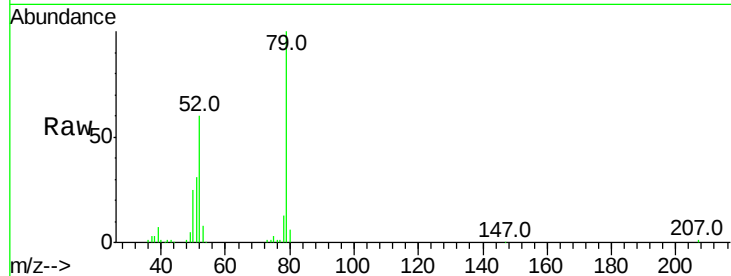




#3
 Pvridine
 Concen: 23.198 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.05 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

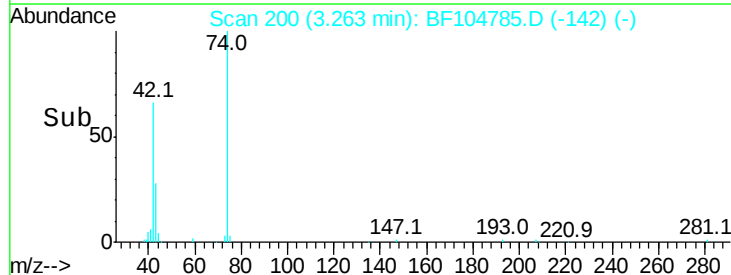
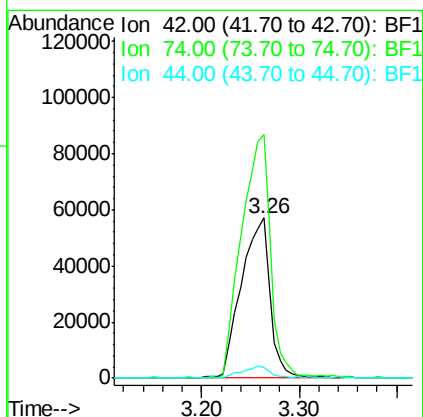
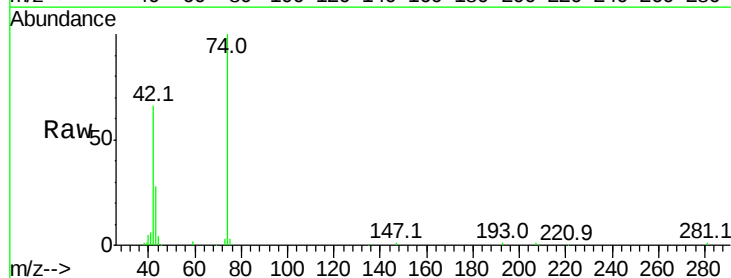
Instrument :
 BNA_F
 ClientSampleId :

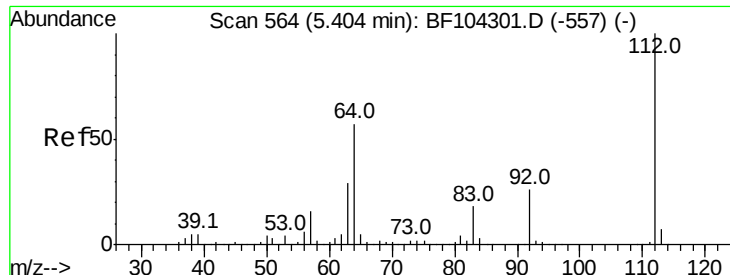
Tot Ion: 79 Resp: 278650
 Ion Ratio Lower Upper
 79 100
 52 60.1 59.8 89.6
 51 30.6 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 28.180 ng
 RT: 3.26 min Scan# 200
 Delta R.T. 0.04 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

Tgt Ion: 42 Resp: 118323
 Ion Ratio Lower Upper
 42 100
 74 152.2 104.9 157.3
 44 6.8 6.9 10.3#





#5

2-Fluorophenol

Concen: 98.085 ng

RT: 5.43 min Scan# 568

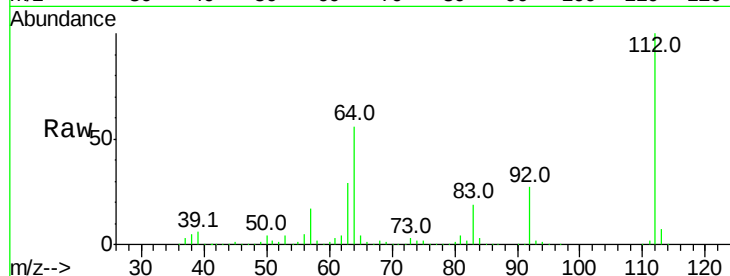
Delta R.T. 0.01 min

Lab File: BF104785.D

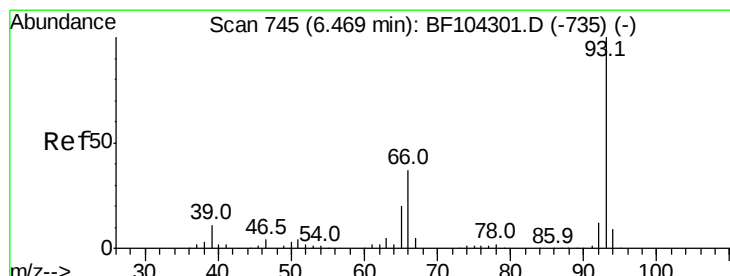
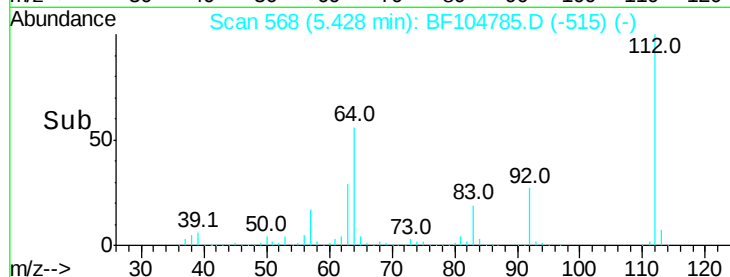
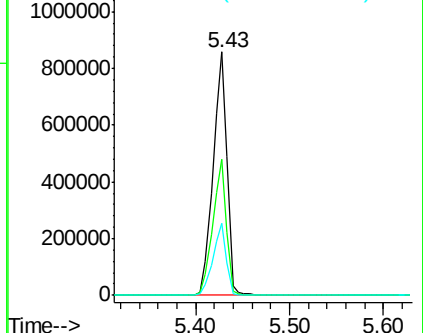
Acq: 25 Apr 2018 13:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	899331
Ion	Ratio	Lower	Upper
112	100		
64	55.8	47.9	71.9
63	29.5	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.507 ng

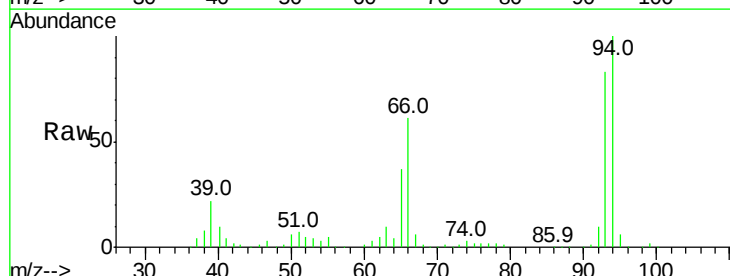
RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

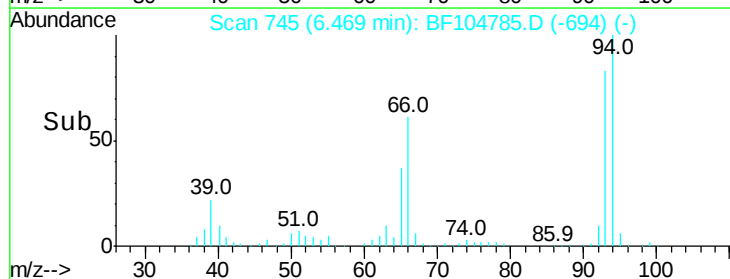
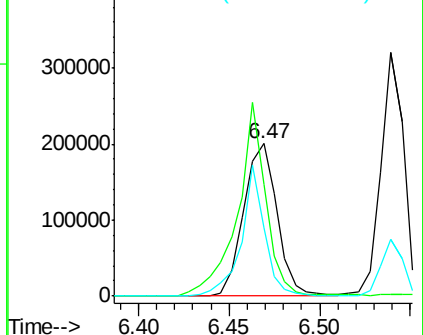
Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Tgt Ion:	93	Resp:	258360
Ion	Ratio	Lower	Upper
93	100		
66	73.8	32.2	48.2#
65	44.8	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: 99.953 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

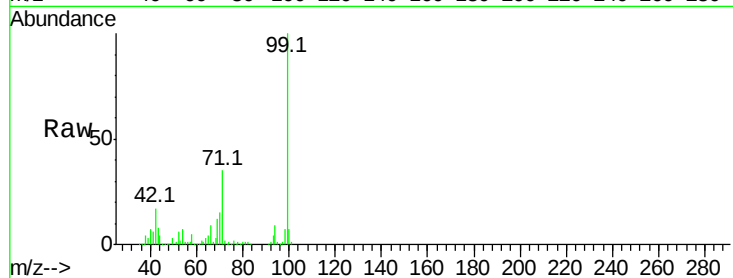
Tot Ion: 99 Resp: 1126021

Ion Ratio Lower Upper

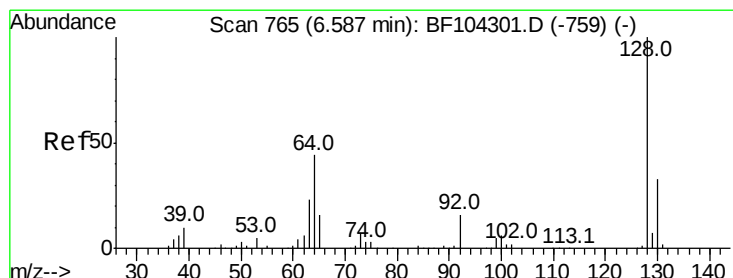
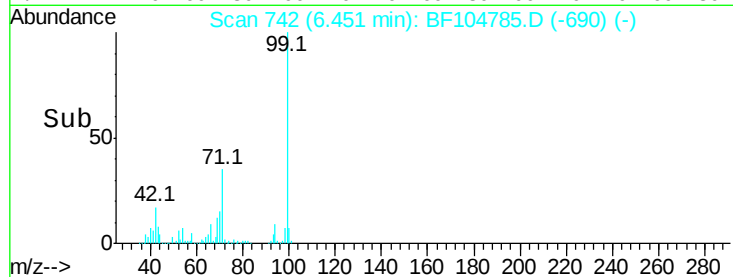
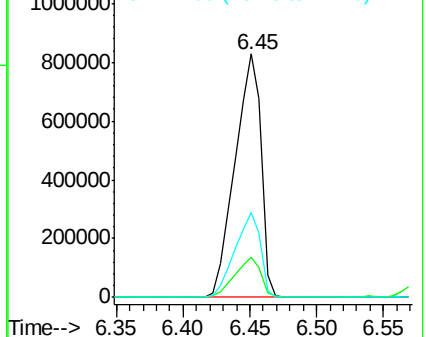
99 100

42 16.5 14.5 21.7

71 34.7 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: 31.924 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

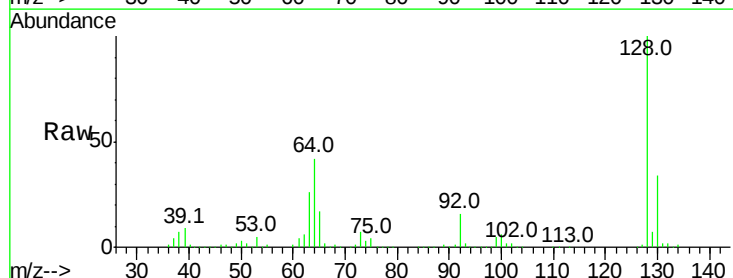
Tgt Ion: 128 Resp: 308941

Ion Ratio Lower Upper

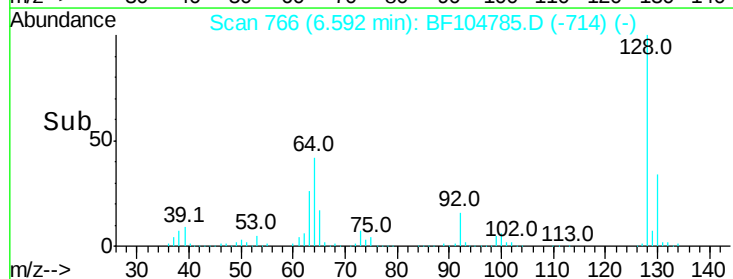
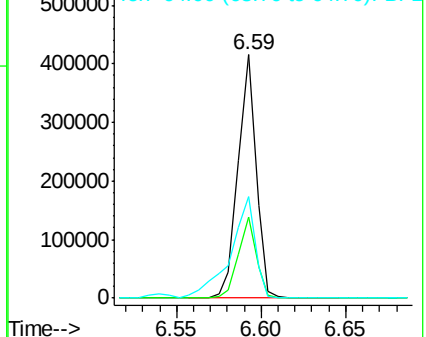
128 100

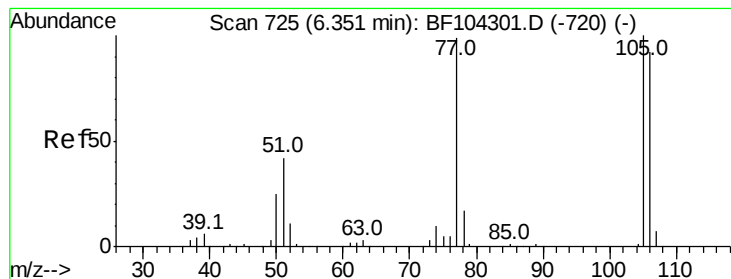
130 33.5 13.0 53.0

64 41.6 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: 18.694 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

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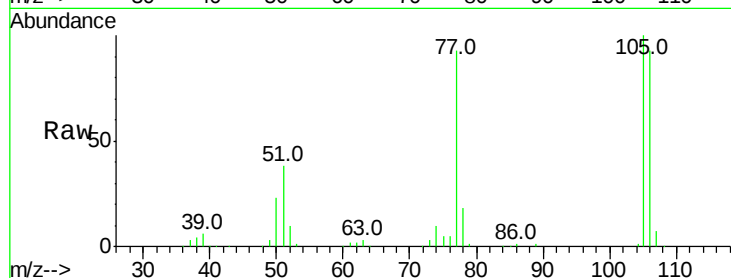
Tot Ion: 77 Resp: 128221

Ion Ratio Lower Upper

77 100

105 107.1 81.1 121.1

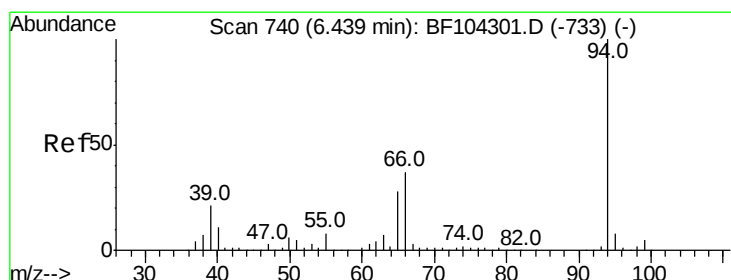
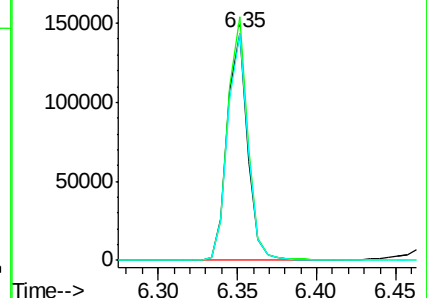
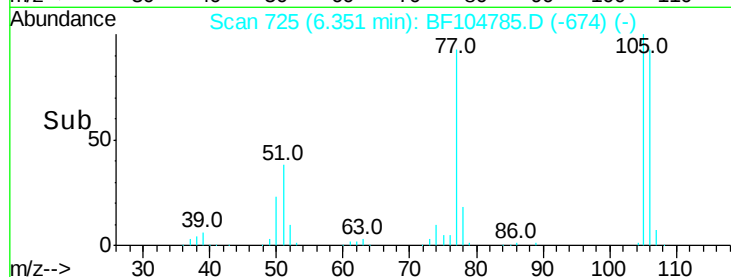
106 99.9 74.5 114.5



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: 31.497 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

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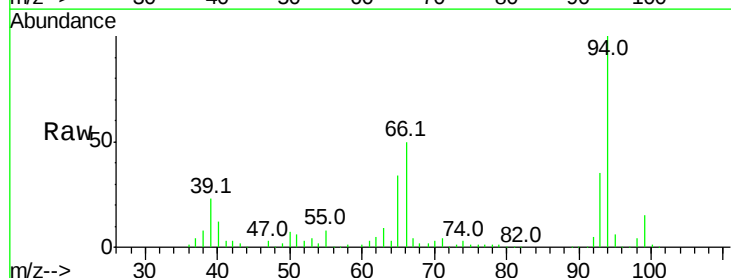
Tgt Ion: 94 Resp: 376484

Ion Ratio Lower Upper

94 100

65 34.1 7.9 47.9

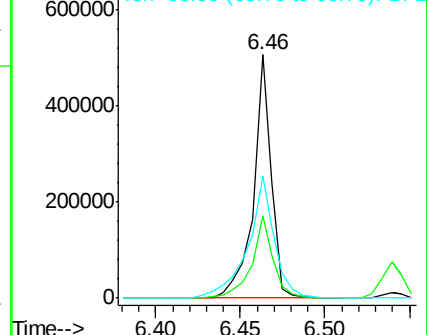
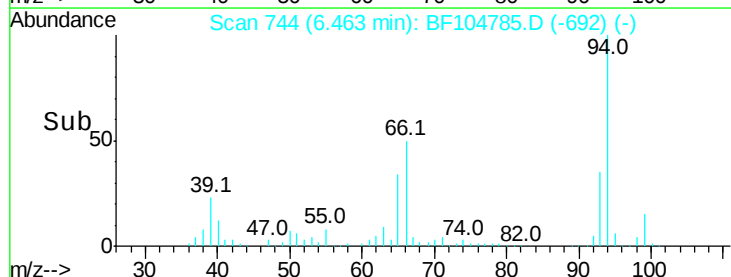
66 50.3 16.2 56.2



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: 28.988 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

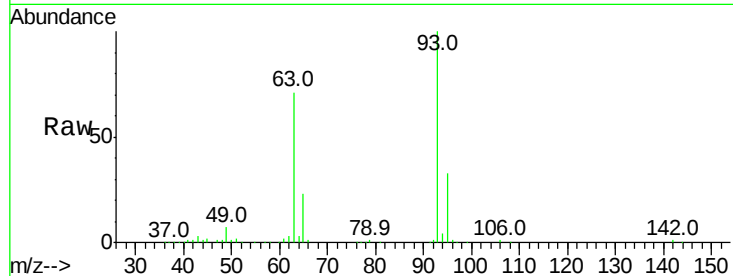
Tot Ion: 93 Resp: 276507

Ion Ratio Lower Upper

93 100

63 71.2 58.6 98.6

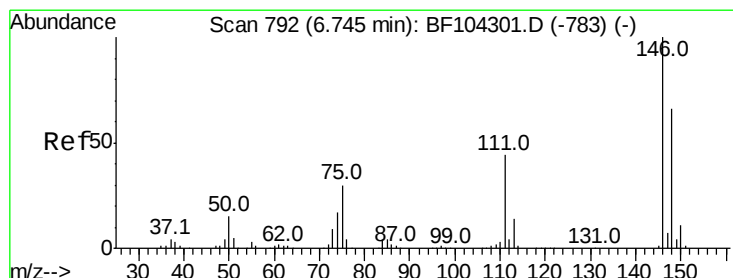
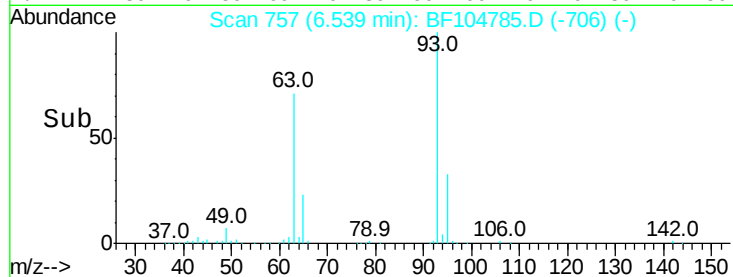
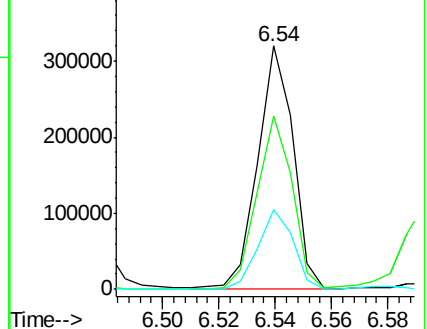
95 32.8 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 28.884 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

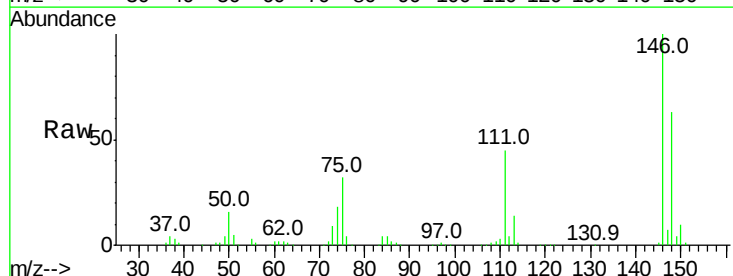
Tgt Ion: 146 Resp: 316664

Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.8

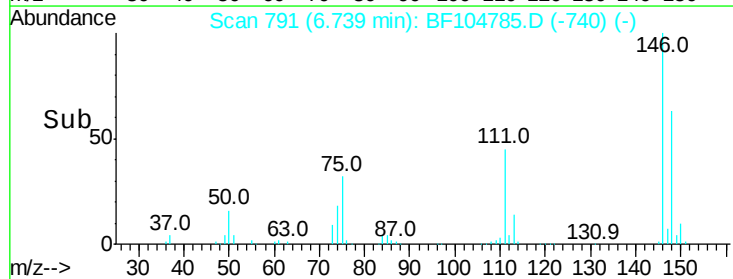
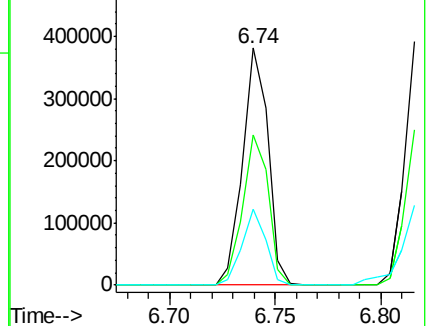
75 31.9 24.2 36.4

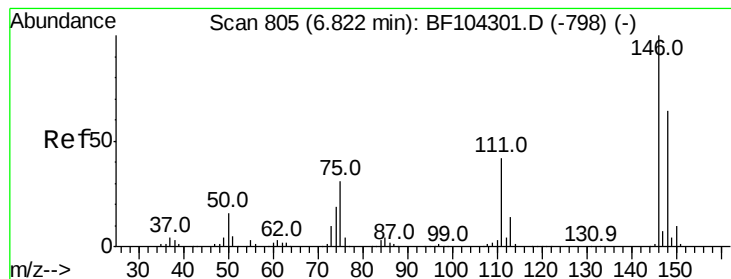


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 29.251 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampled :

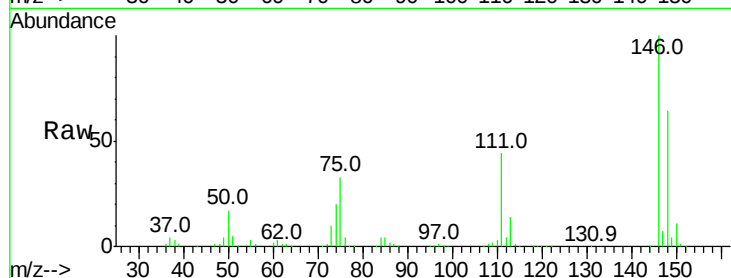
Tot Ion:146 Resp: 319679

Ion Ratio Lower Upper

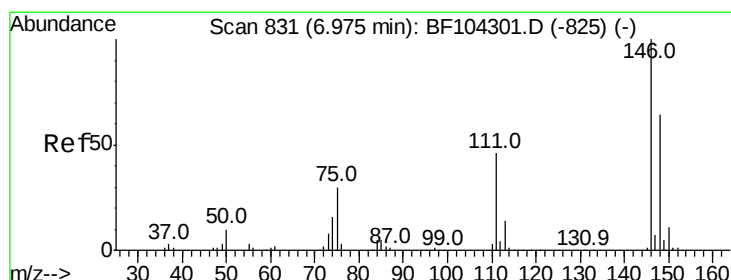
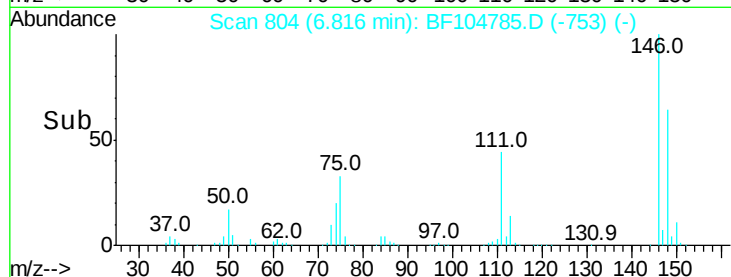
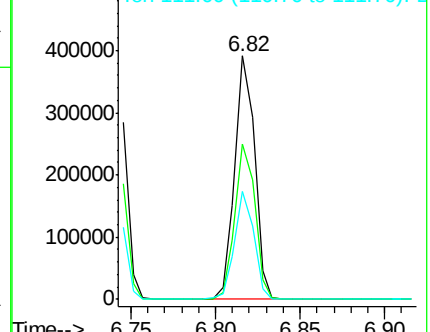
146 100

148 63.9 50.8 76.2

111 44.2 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 29.627 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

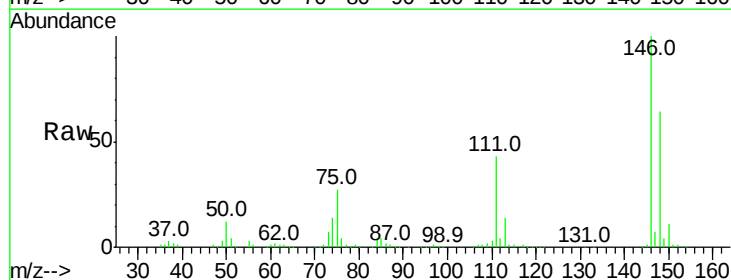
Tgt Ion:146 Resp: 300053

Ion Ratio Lower Upper

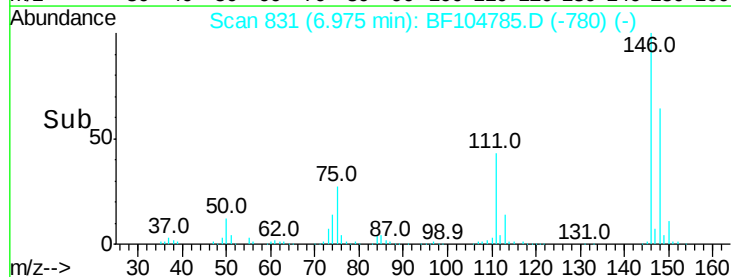
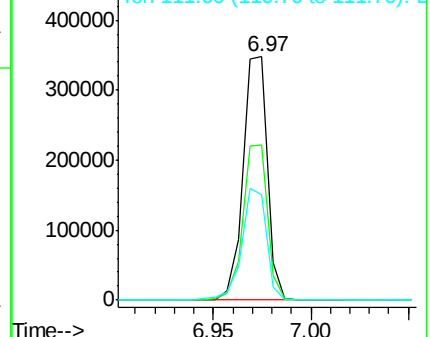
146 100

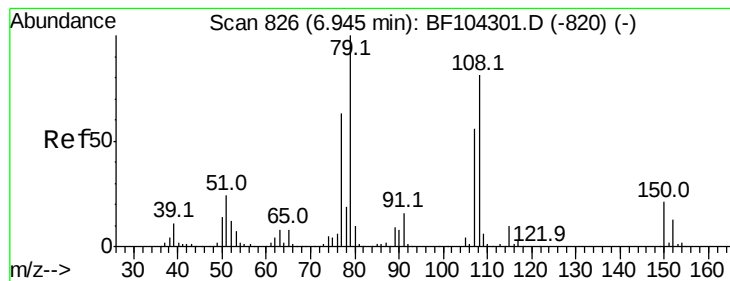
148 63.8 50.6 75.8

111 43.1 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 29.990 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :
BNA_F
ClientSampleId :

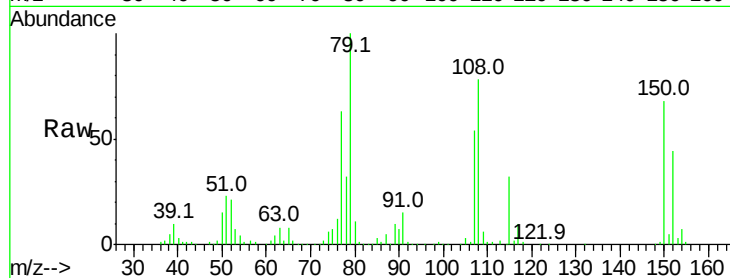
Tot Ion: 79 Resp: 256607

Ion Ratio Lower Upper

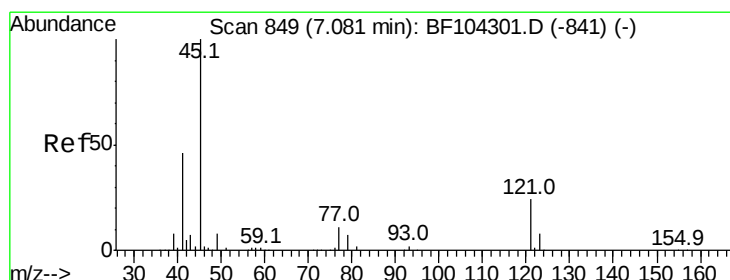
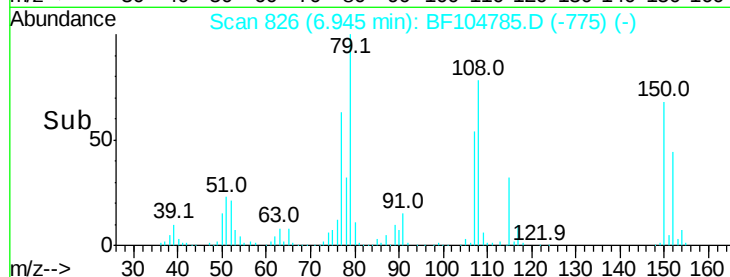
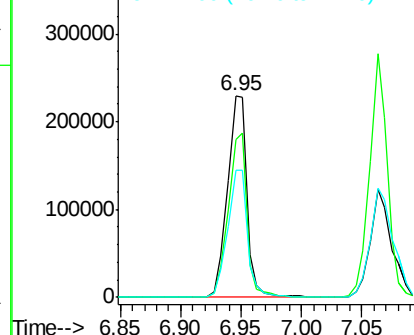
79 100

108 78.2 65.1 97.7

77 62.7 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.073 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

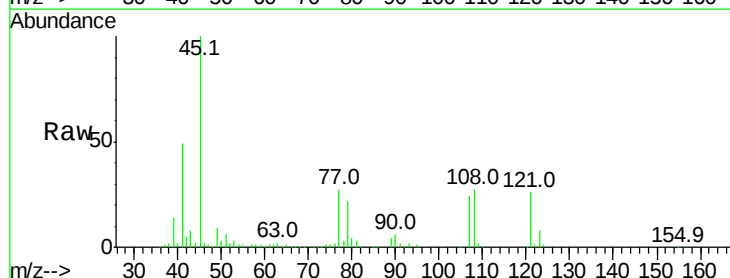
Tgt Ion: 45 Resp: 321184

Ion Ratio Lower Upper

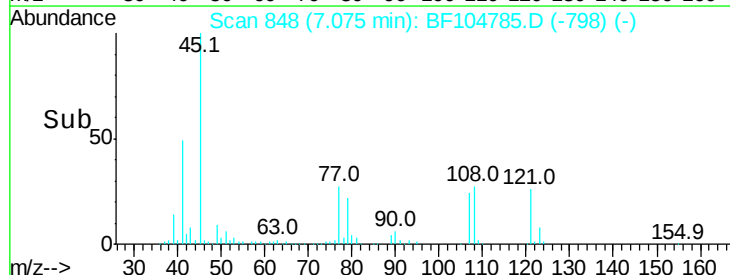
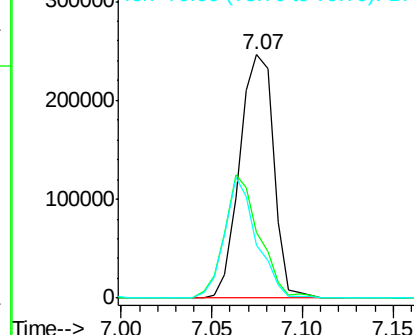
45 100

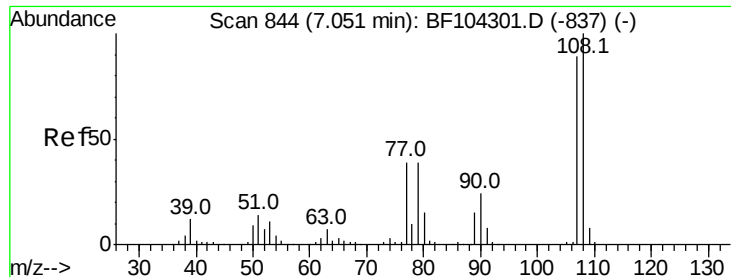
77 27.0 0.0 32.9

79 21.6 0.0 29.6



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





#17

2-Methylphenol

Concen: 30.513 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 256680

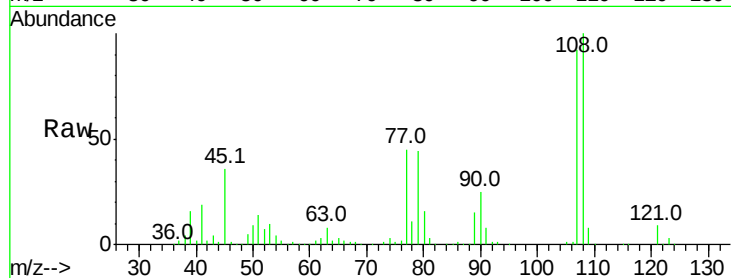
Ion Ratio Lower Upper

107 100

108 108.7 91.7 137.5

77 49.0 33.8 50.8

79 48.0 33.8 50.8

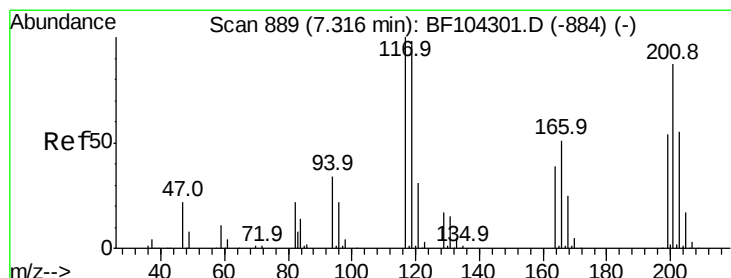
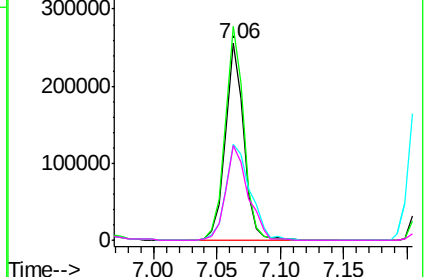
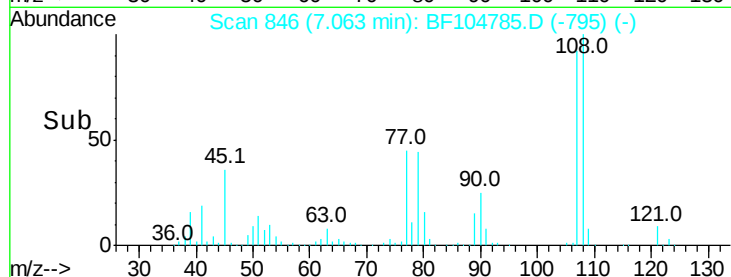


Abundance Ion 107.00 (106.70 to 107.70): E

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: 29.865 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

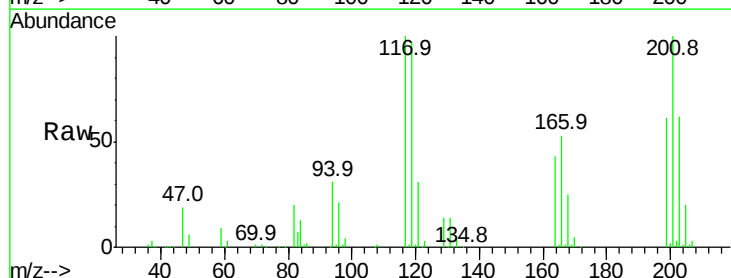
Tgt Ion:117 Resp: 116371

Ion Ratio Lower Upper

117 100

119 97.1 75.8 113.8

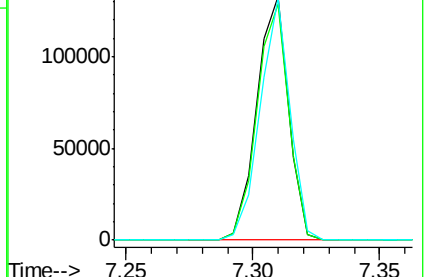
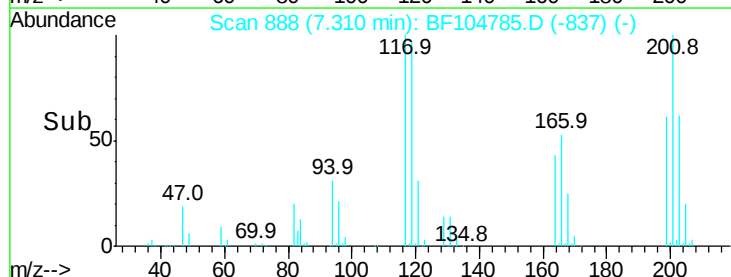
201 99.6 75.7 113.5

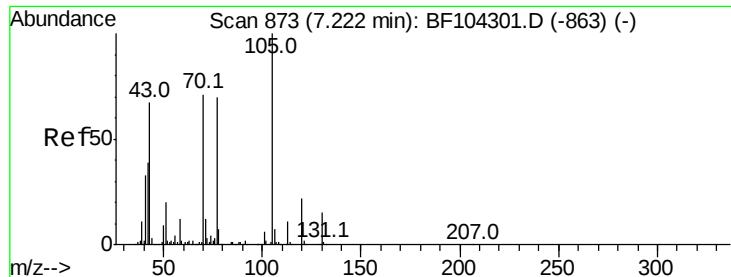


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

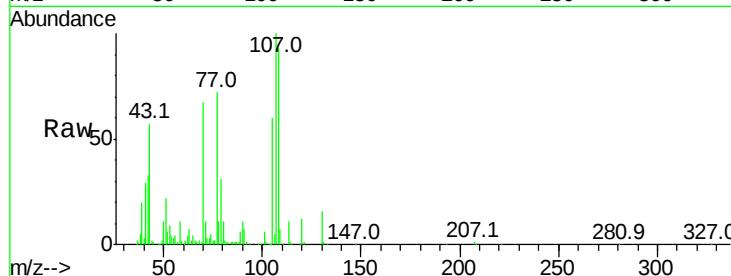




#19
n-Nitroso-di-n-propylamine
Concen: 26.693 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.2	47.5	71.3
101	9.6	7.4	11.2
130	23.4	16.6	25.0



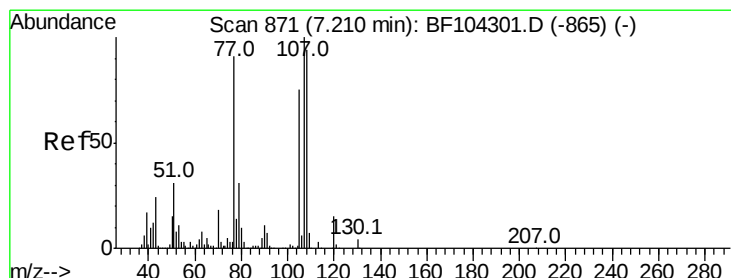
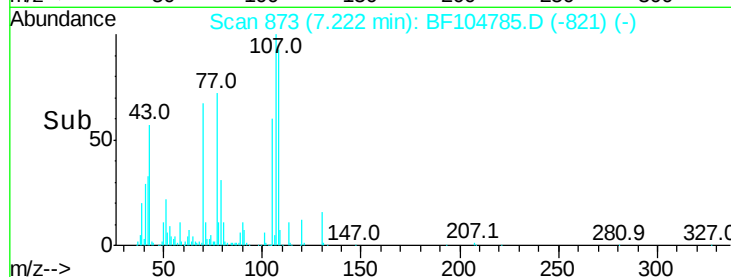
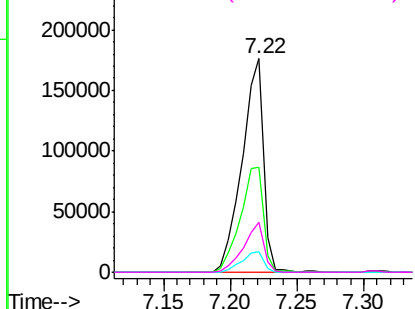
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

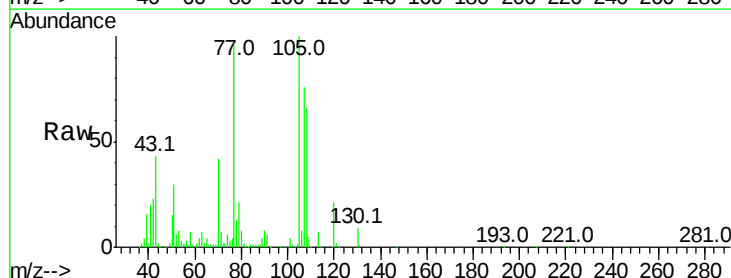
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 29.534 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.1	68.2	108.2
77	126.4	26.7	66.7#
79	27.9	6.3	46.3



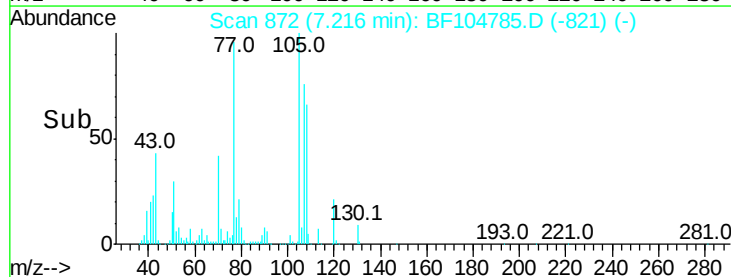
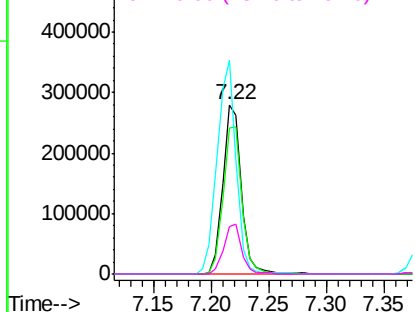
Abundance

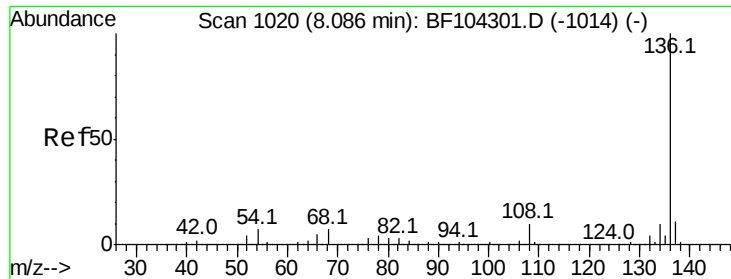
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

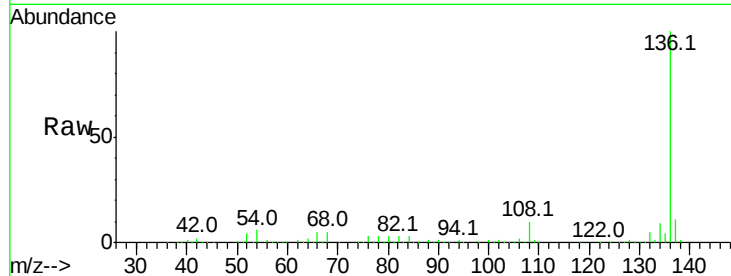




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 620227
Ion Ratio	Lower Upper
136 100	
137 11.3	8.9 13.3
54 6.5	6.6 9.8#
68 5.3	5.0 7.4



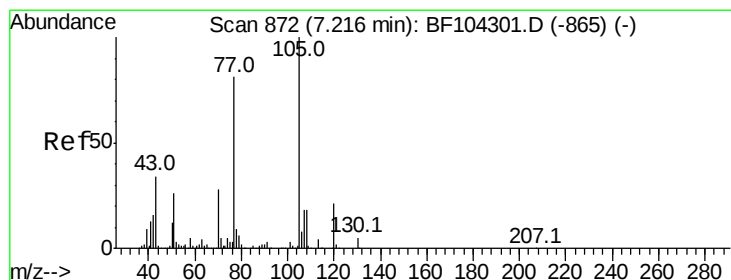
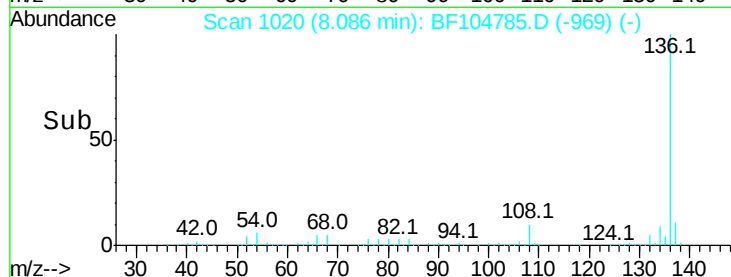
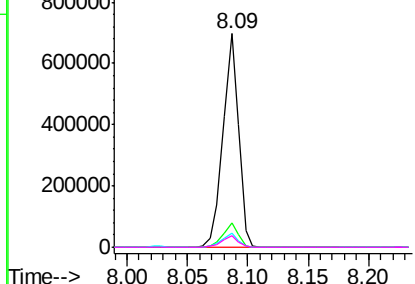
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

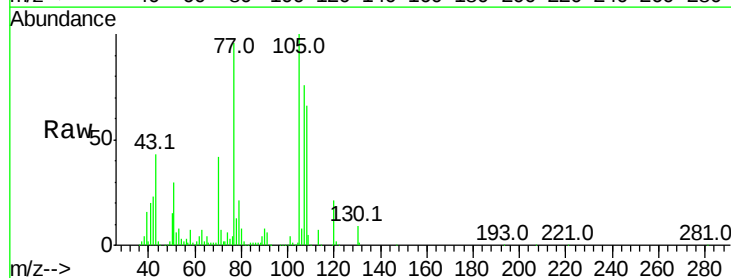
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 27.167 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Tgt	Ion:105	Resp:	414831
Ion	Ratio	Lower	Upper
105	100		
71	7.1	4.4	6.6#
51	30.4	22.3	33.5
120	20.9	16.9	25.3



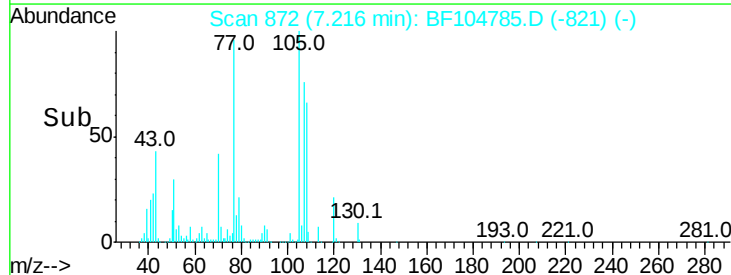
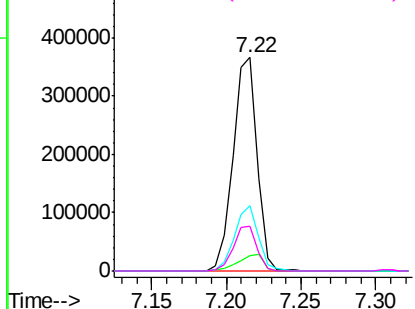
Abundance

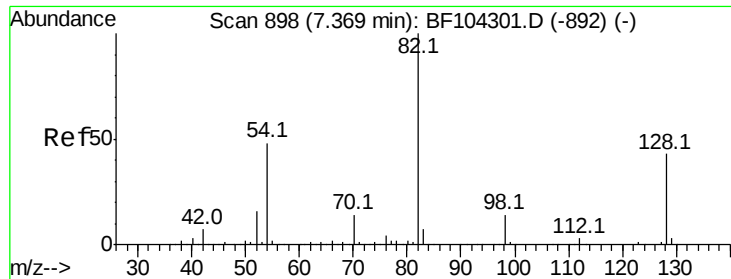
Ion 105.00 (104.70 to 105.70): E

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

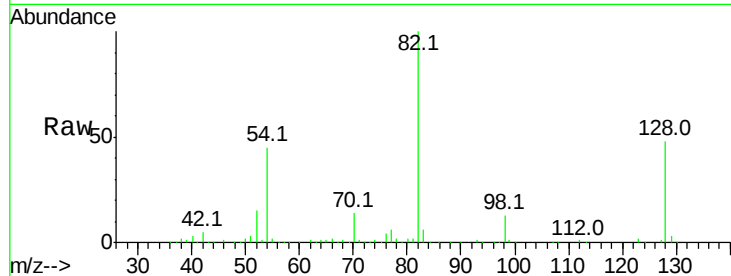




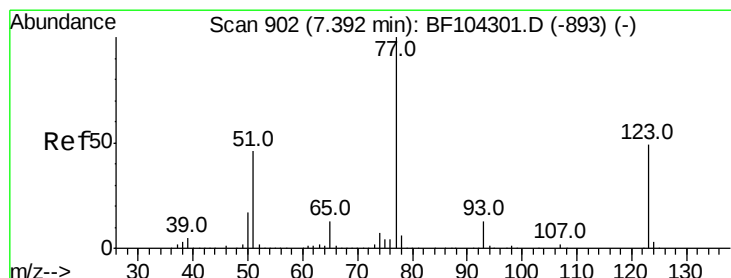
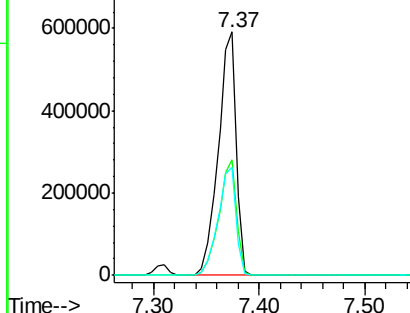
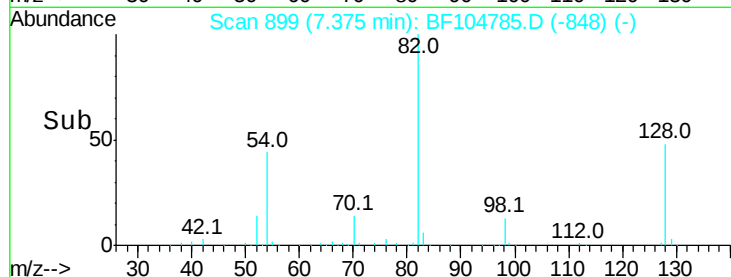
#23
 Nitrobenzene-d5
 Concen: 74.314 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 705862
 Ion Ratio Lower Upper
 82 100
 128 47.7 36.1 54.1
 54 44.5 41.4 62.2

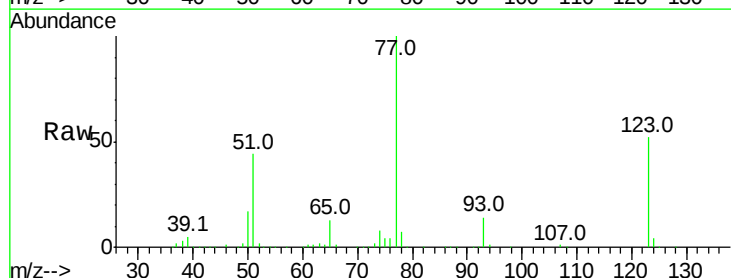


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

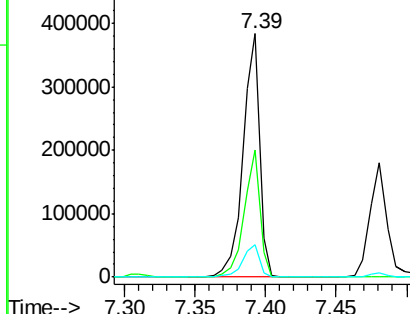
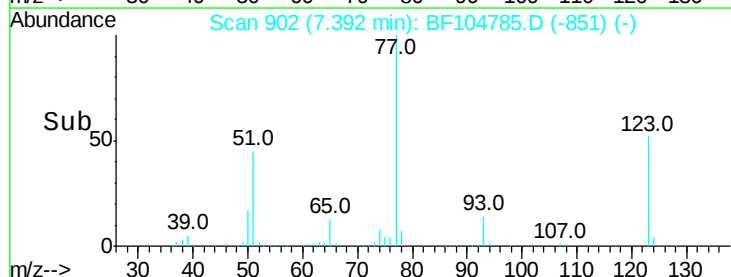


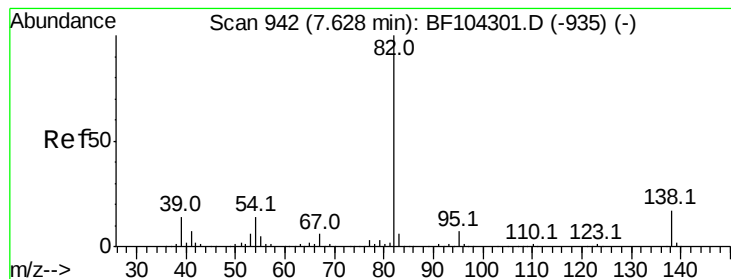
#24
 Nitrobenzene
 Concen: 30.035 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

Tgt Ion: 77 Resp: 314975
 Ion Ratio Lower Upper
 77 100
 123 52.0 37.9 56.9
 65 13.3 11.0 16.4



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





#25

Isophorone

Concen: 28.280 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

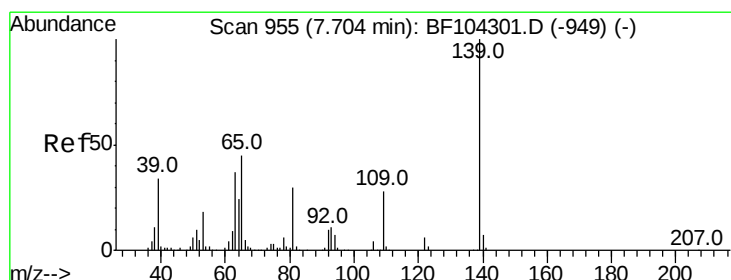
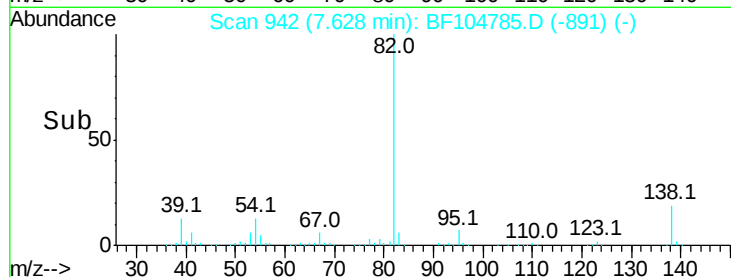
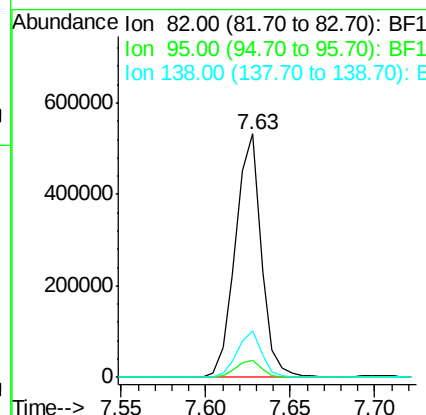
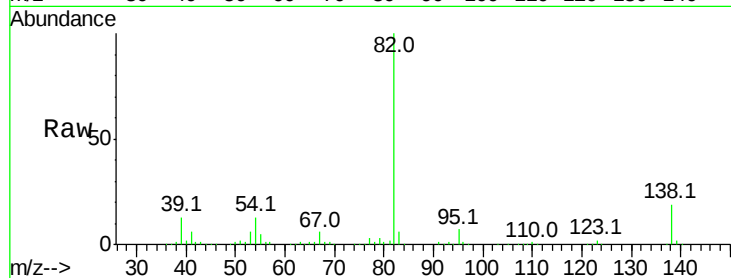
Tot Ion: 82 Resp: 568020

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 19.2 14.9 22.3



#26

2-Nitrophenol

Concen: 39.596 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

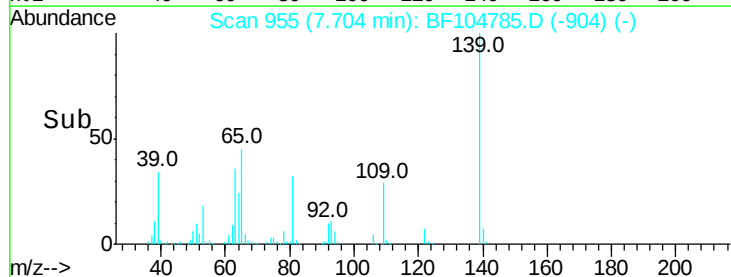
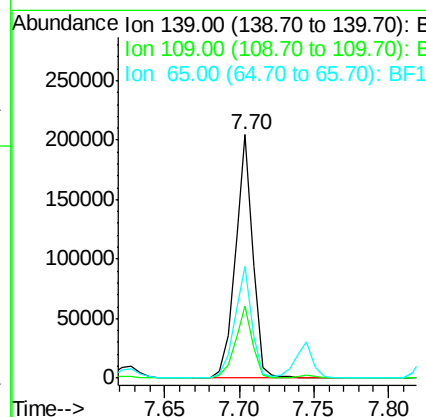
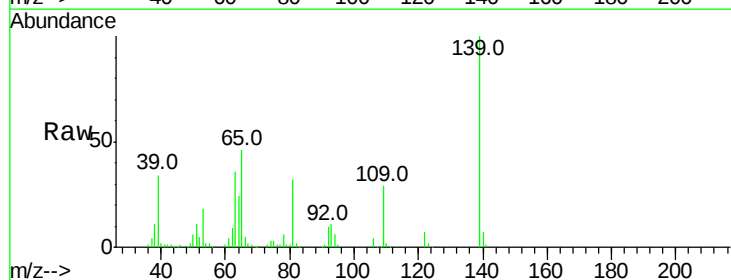
Tgt Ion: 139 Resp: 169043

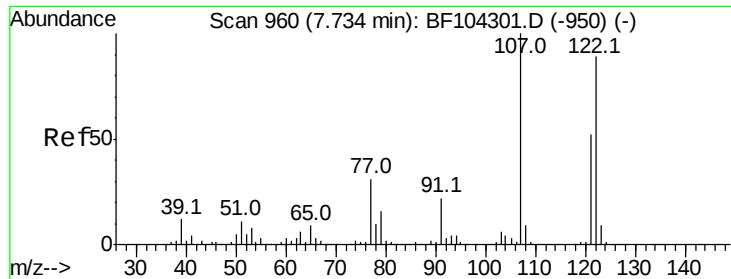
Ion Ratio Lower Upper

139 100

109 29.5 22.7 34.1

65 45.7 40.5 60.7

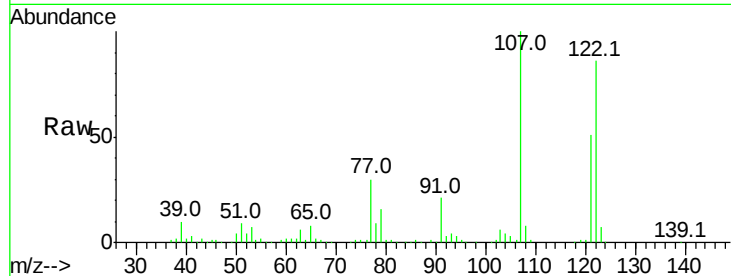




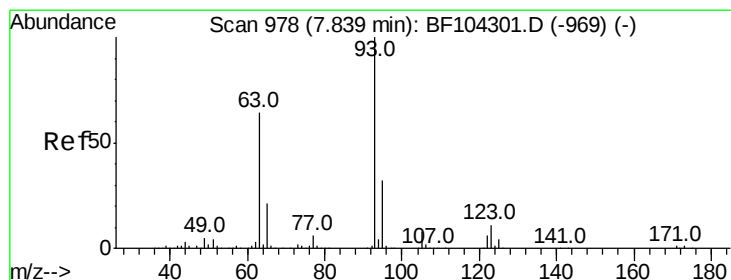
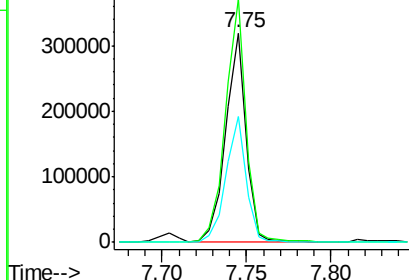
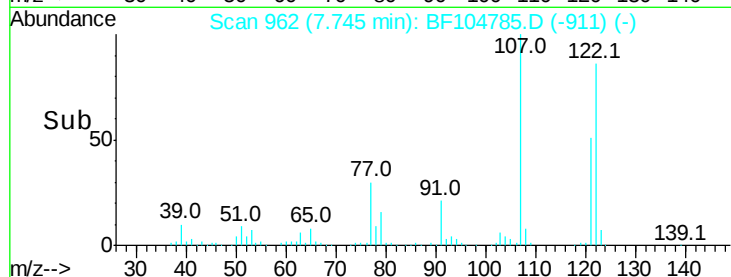
#27
2,4-Dimethylphenol
Concen: 30.169 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 267433
Ion Ratio Lower Upper
122 100
107 116.3 91.2 136.8
121 59.9 47.2 70.8

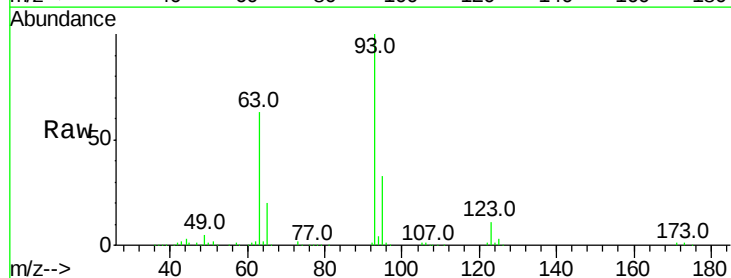


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

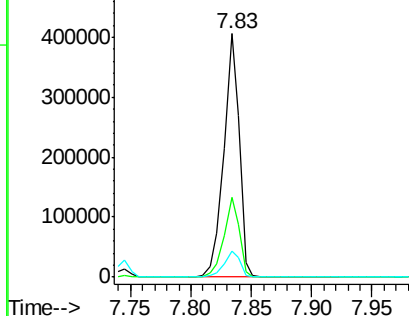
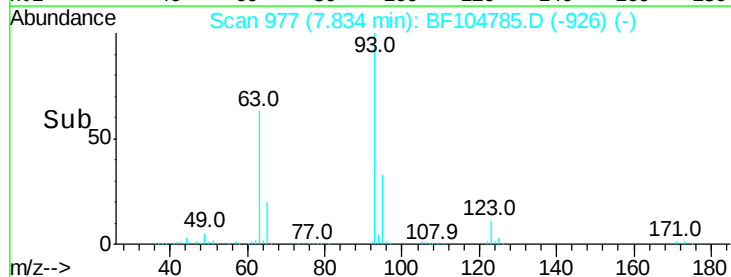


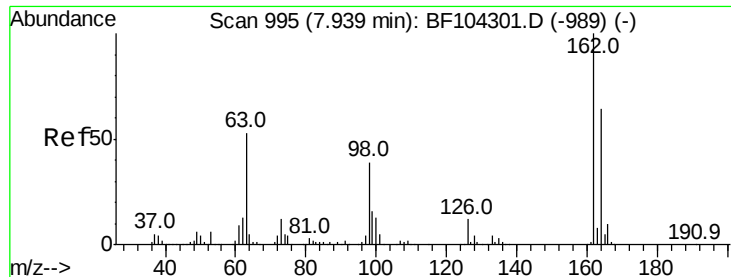
#28
bis(2-Chloroethoxy)methane
Concen: 29.174 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Tgt Ion: 93 Resp: 358275
Ion Ratio Lower Upper
93 100
95 32.9 26.3 39.5
123 10.9 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: 30.621 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

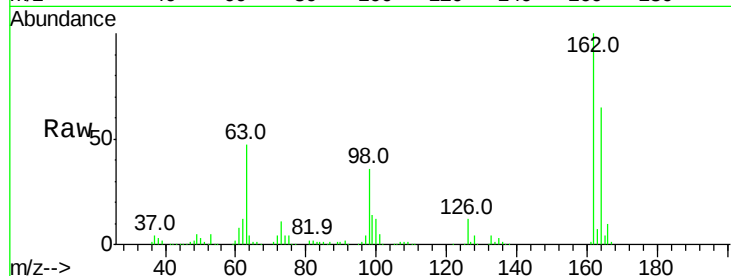
Tot Ion:162 Resp: 258992

Ion Ratio Lower Upper

162 100

164 65.0 42.7 82.7

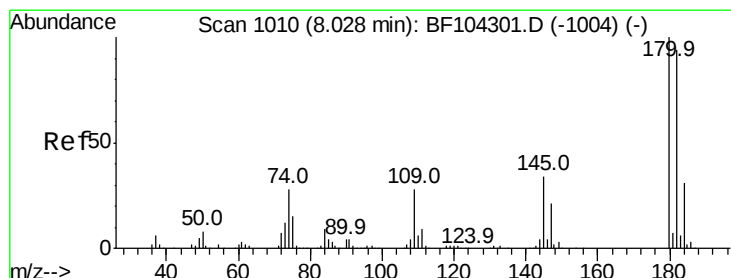
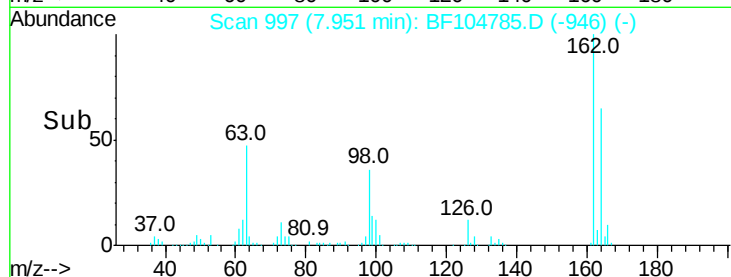
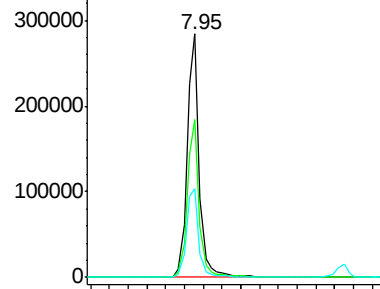
98 36.2 18.1 58.1



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: 28.331 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

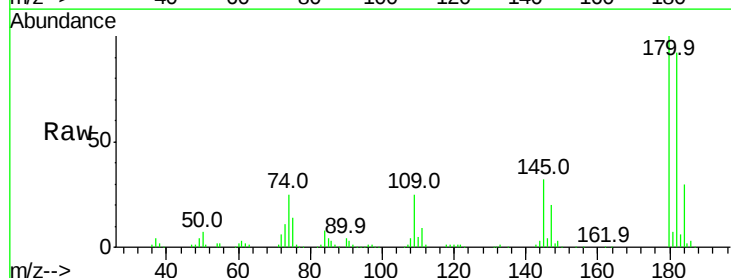
Tgt Ion:180 Resp: 262980

Ion Ratio Lower Upper

180 100

182 92.1 76.8 115.2

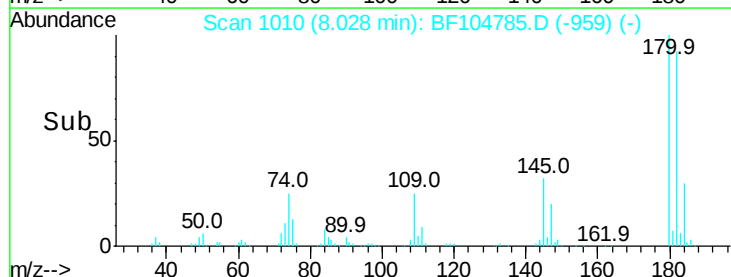
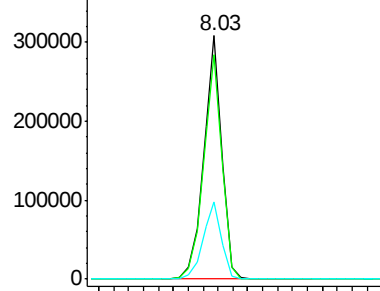
145 31.7 26.5 39.7

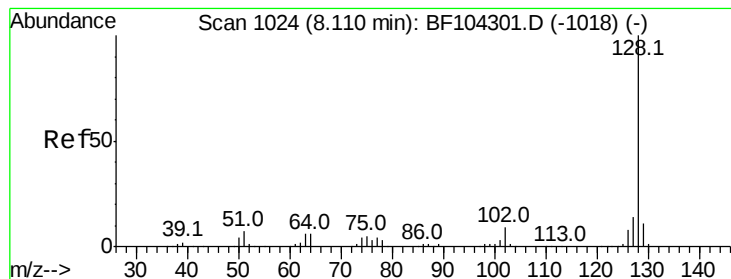


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 28.228 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampled :

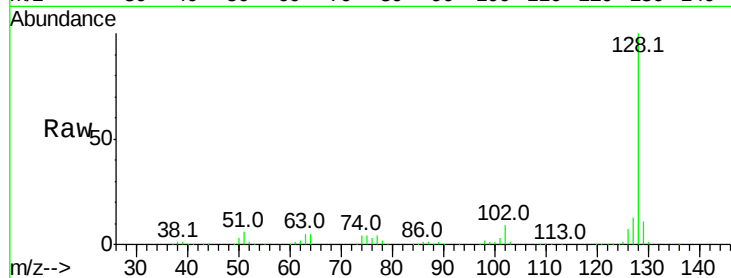
Tot Ion:128 Resp: 871804

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

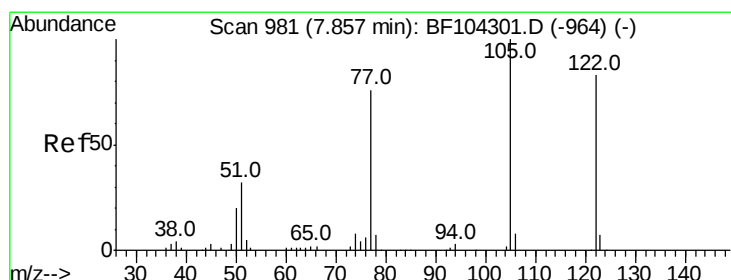
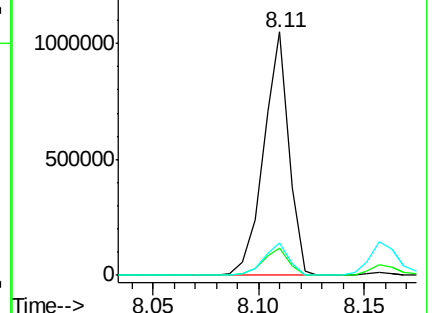
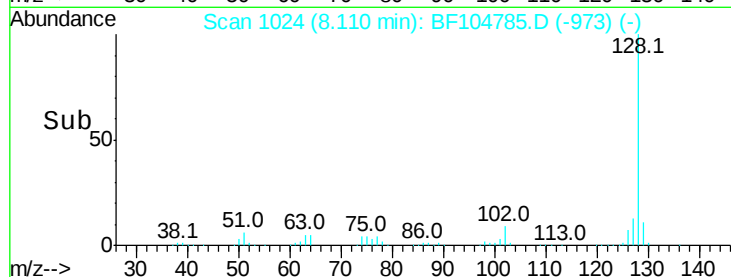
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.811 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.14 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

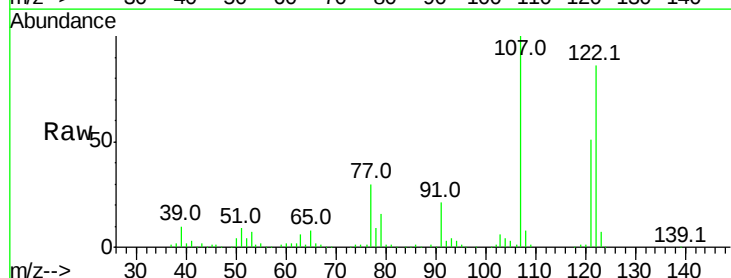
Tgt Ion:122 Resp: 267433

Ion Ratio Lower Upper

122 100

105 3.5 101.1 141.1#

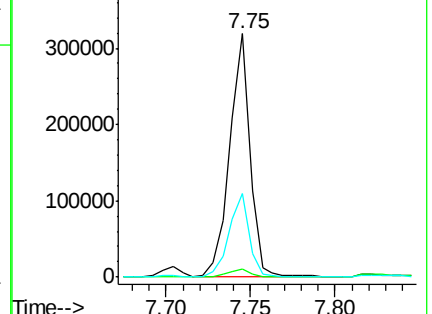
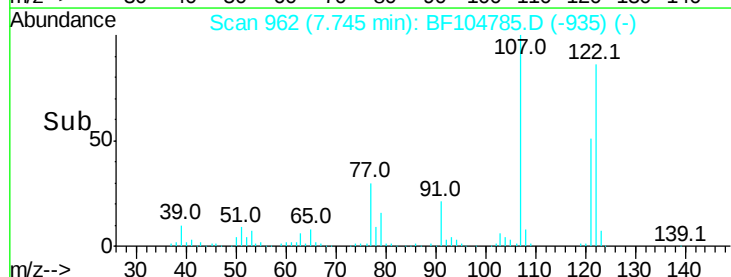
77 34.5 70.7 110.7#

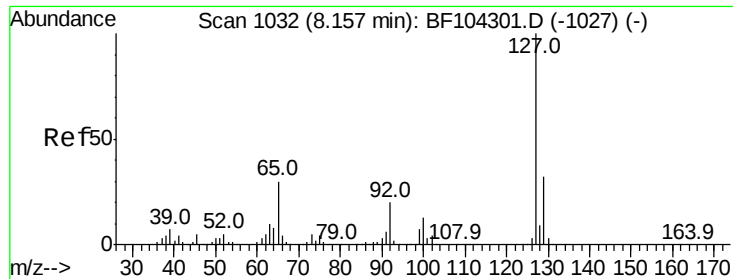


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

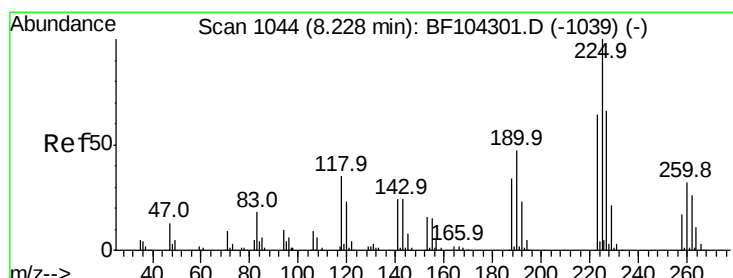
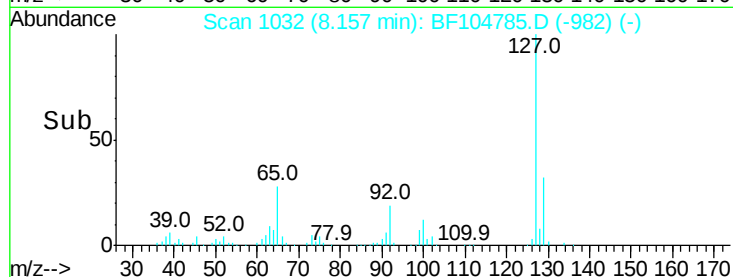
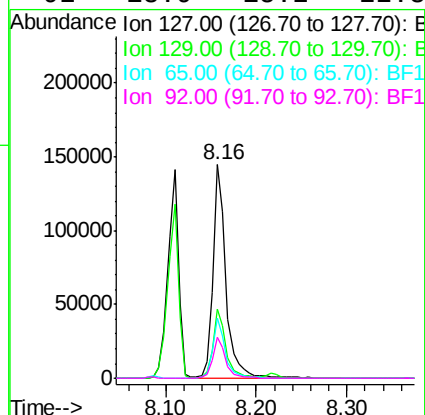
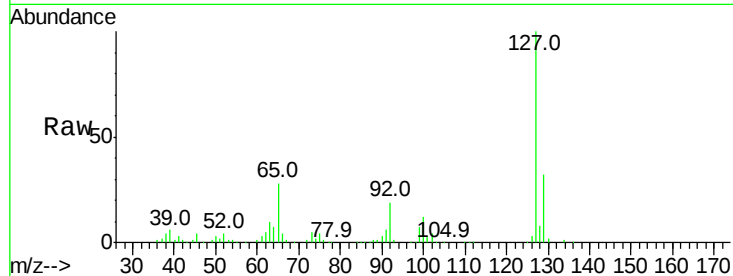




#33
4-Chloroaniline
Concen: 11.158 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

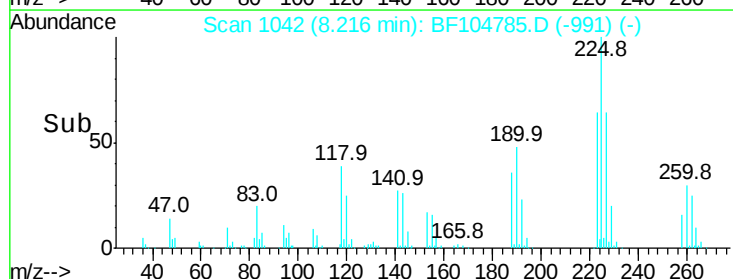
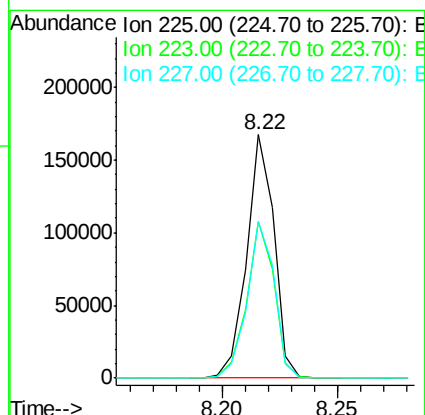
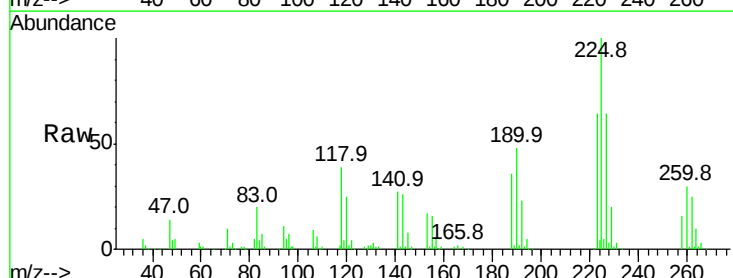
Instrument :
BNA_F
ClientSampleId :

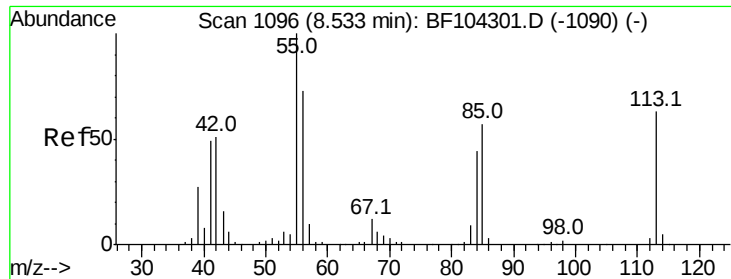
Tot Ion:	127	Resp:	147635
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	28.2	25.0	37.4
92	18.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 27.337 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Tgt Ion:	225	Resp:	138990
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.6	76.0
227	64.3	51.9	77.9





#35

Caprolactam

Concen: 15.367 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

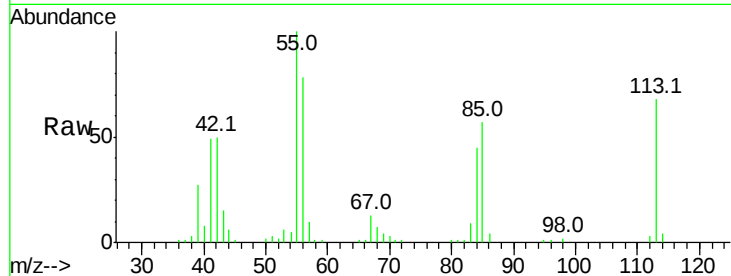
Tot Ion:113 Resp: 45341

Ion Ratio Lower Upper

113 100

55 147.4 163.3 203.3#

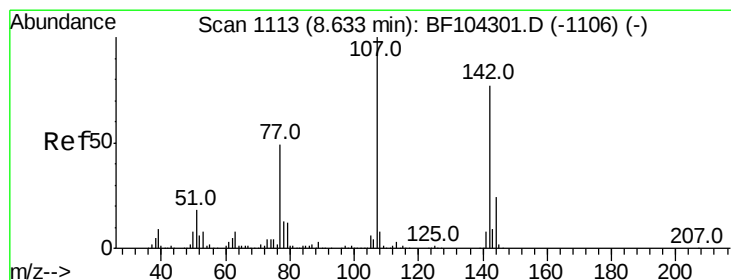
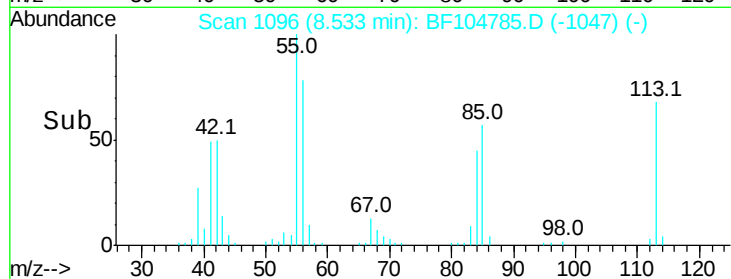
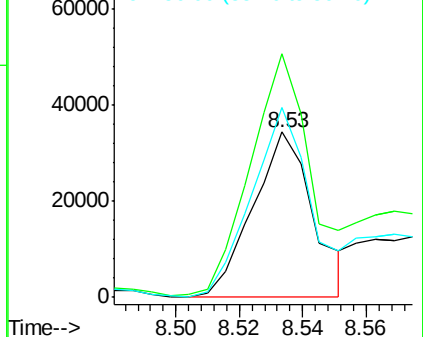
56 115.0 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 30.791 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

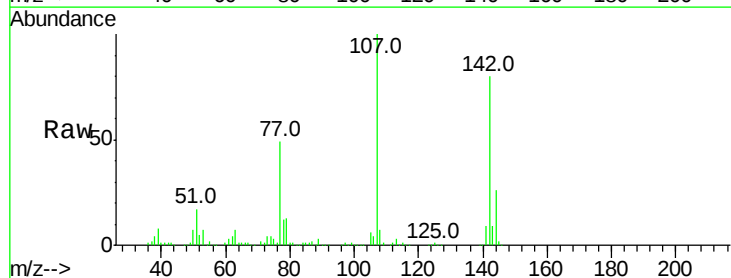
Tgt Ion:107 Resp: 279253

Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

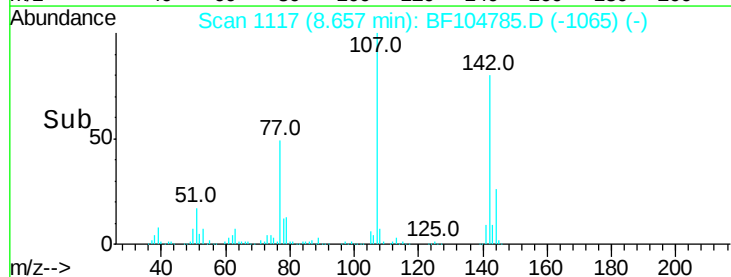
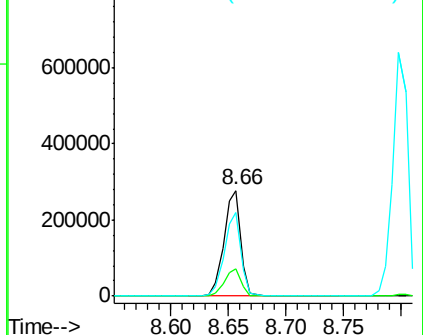
142 79.5 62.0 93.0

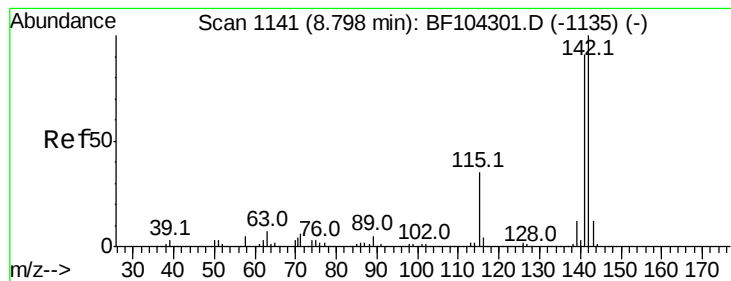


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 29.267 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

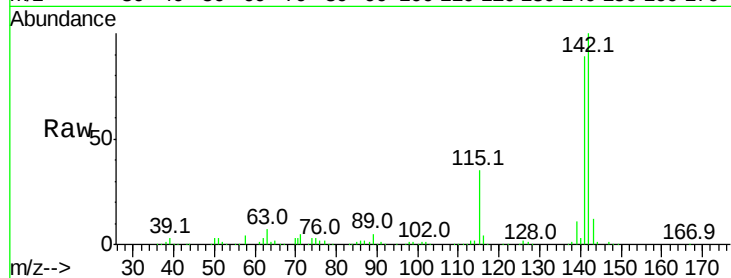
Tot Ion:142 Resp: 584674

Ion Ratio Lower Upper

142 100

141 89.0 70.8 106.2

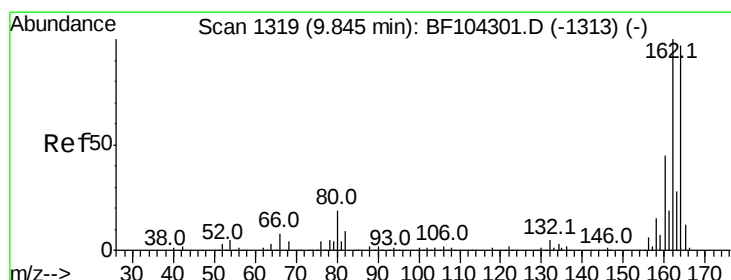
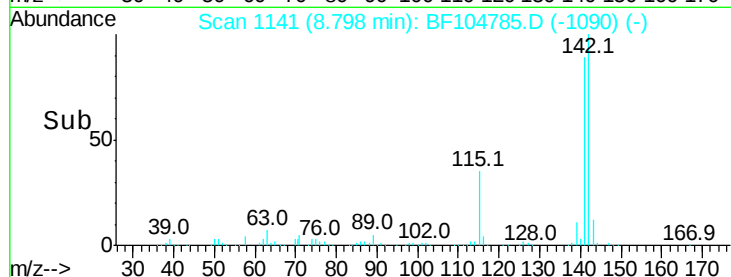
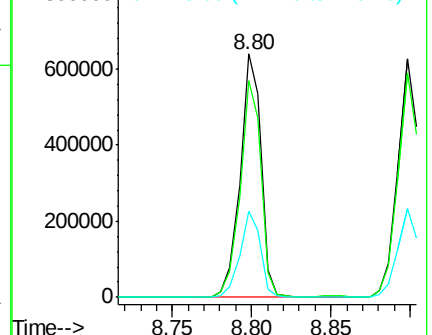
115 35.5 26.1 39.1



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: BF104785.D

Acq: 25 Apr 2018 13:38

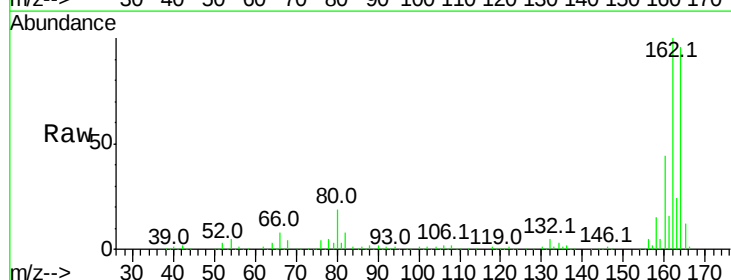
Tgt Ion:164 Resp: 299747

Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

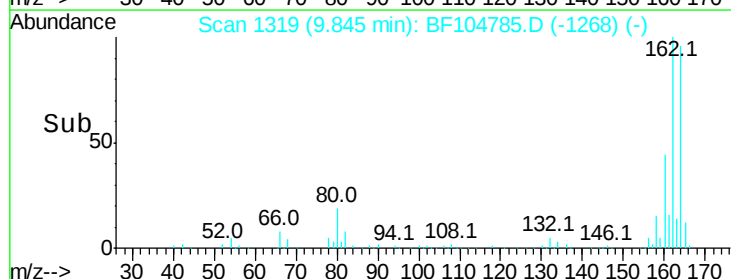
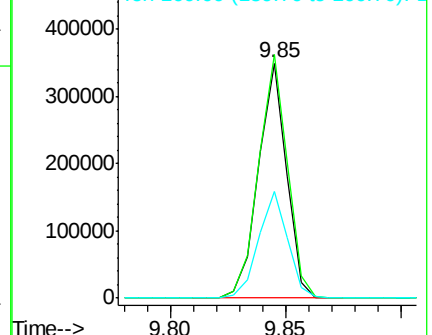
160 45.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

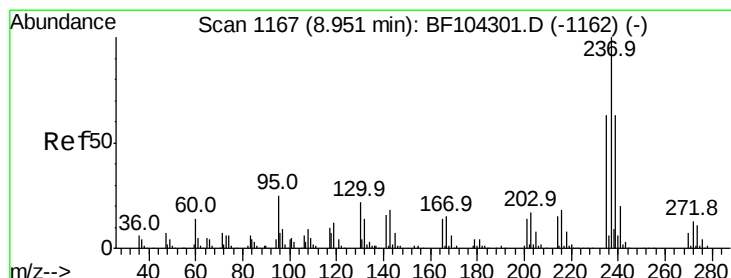
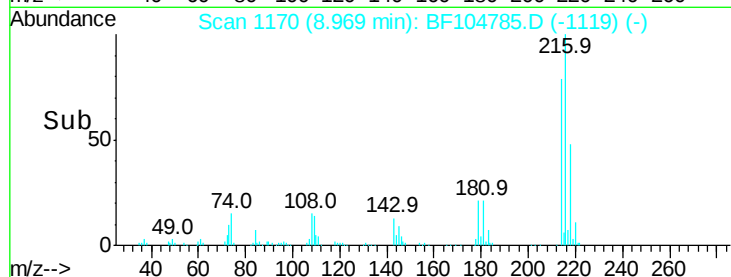
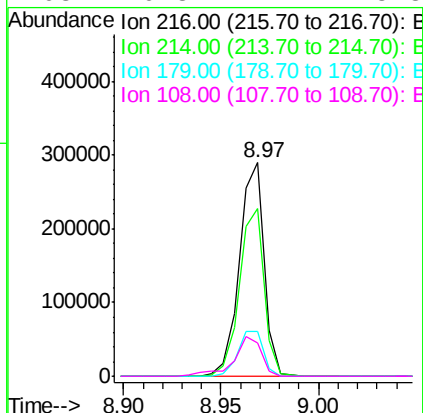
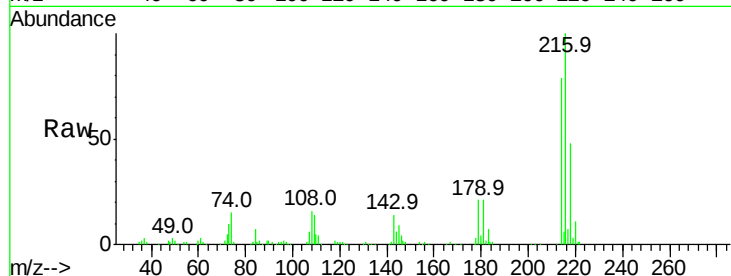




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.547 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

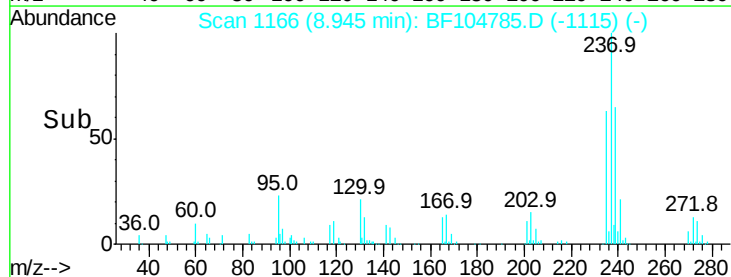
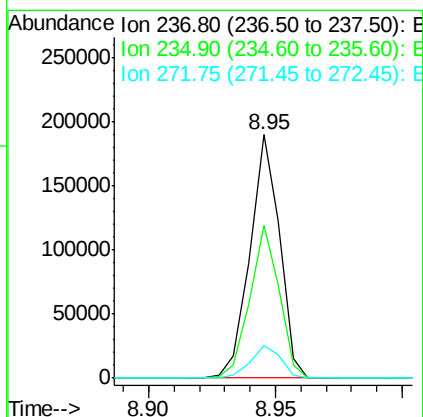
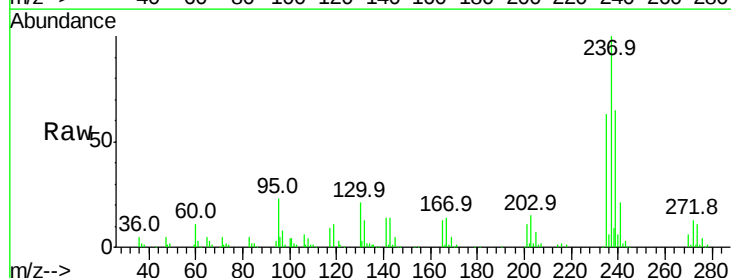
Instrument :
 BNA_F
 ClientSampleId :

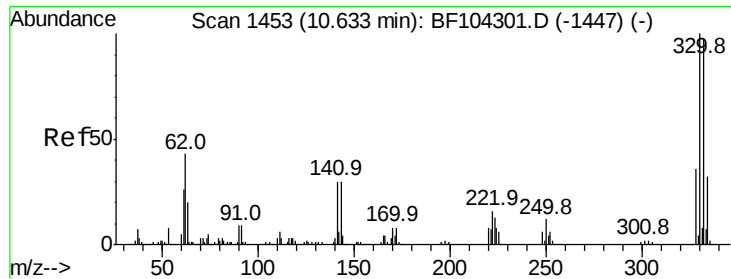
Tot Ion:	216	Resp:	253531
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	22.1	18.1	27.1
108	20.8	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 32.173 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

Tgt Ion:	237	Resp:	154546
Ion	Ratio	Lower	Upper
237	100		
235	62.6	44.8	84.8
272	13.3	0.0	33.3

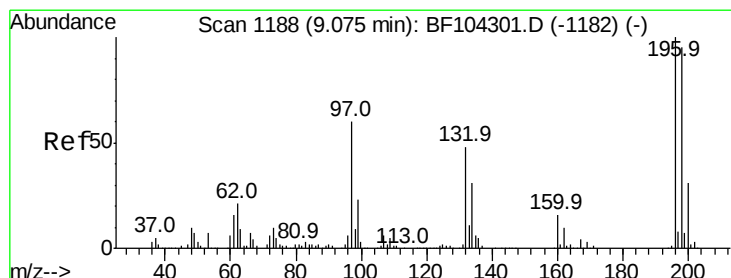
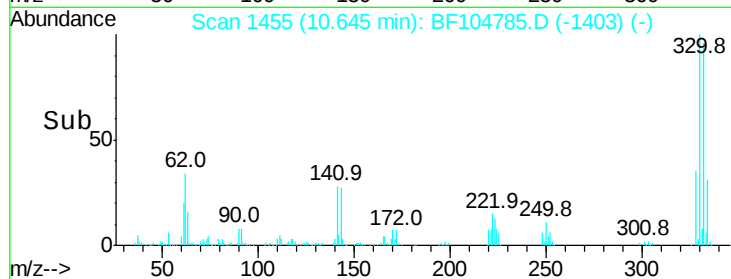
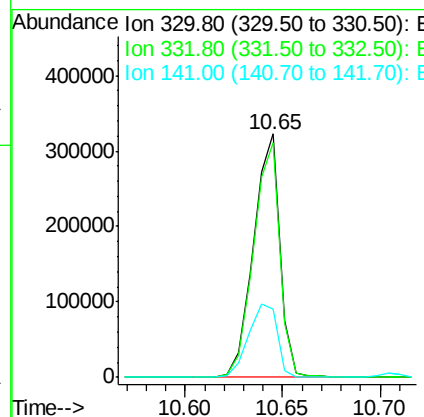
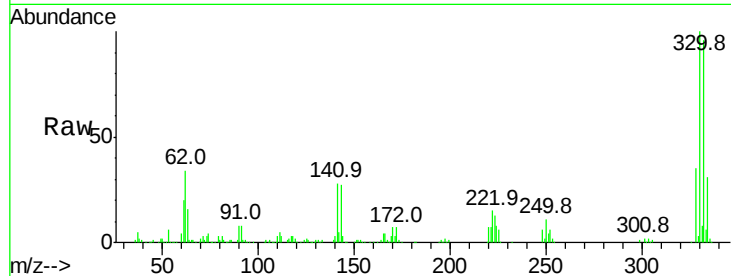




#41
 2,4,6-Tribromophenol
 Concen: 96.762 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

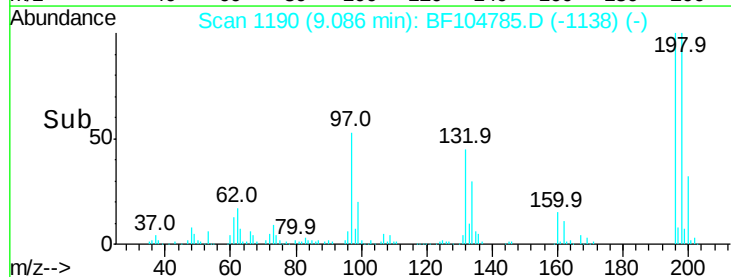
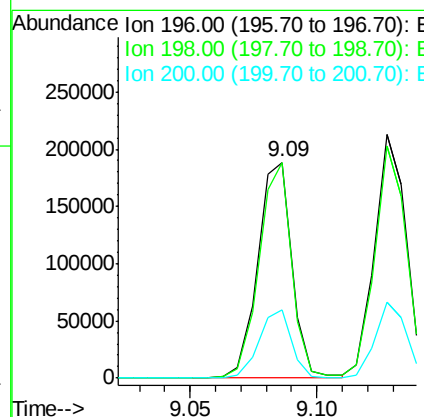
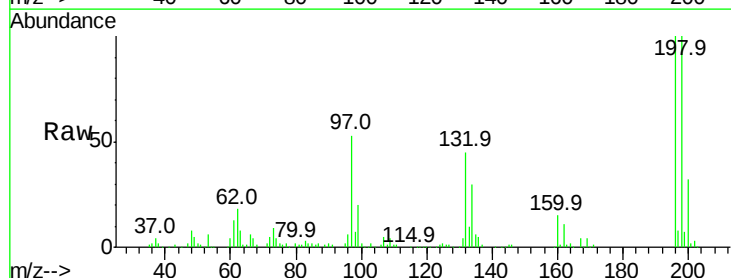
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	33.3	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 29.806 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.1	75.7	113.5
200	31.8	24.5	36.7

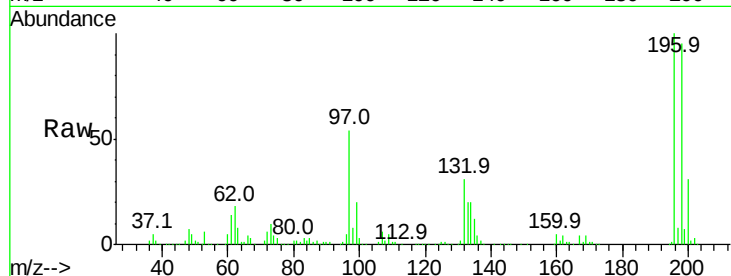




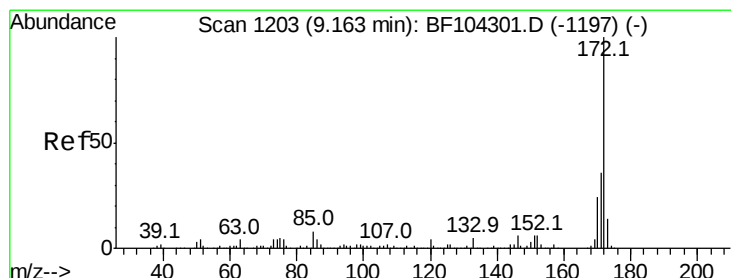
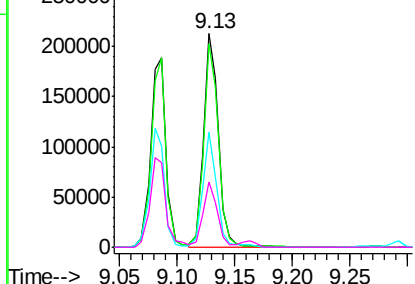
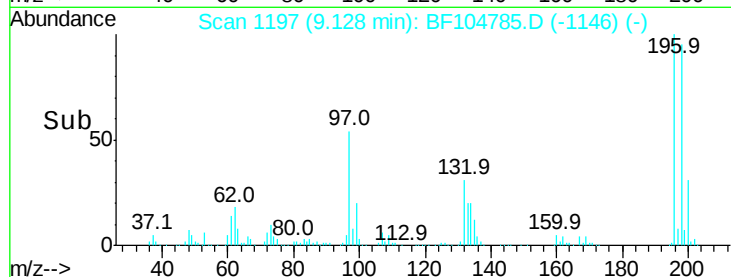
#43
 2,4,5-Trichlorophenol
 Concen: 28.806 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 192008
 Ion Ratio Lower Upper
 196 100
 198 95.5 74.6 112.0
 97 53.8 42.9 64.3
 132 30.6 26.3 39.5

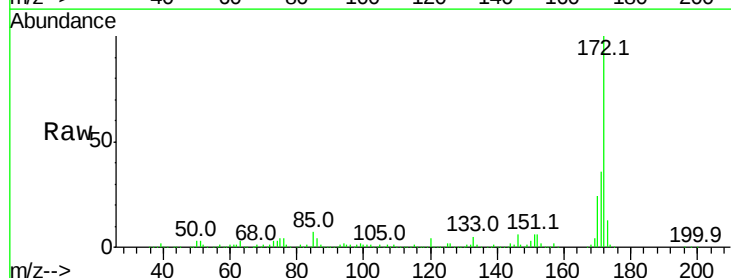


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

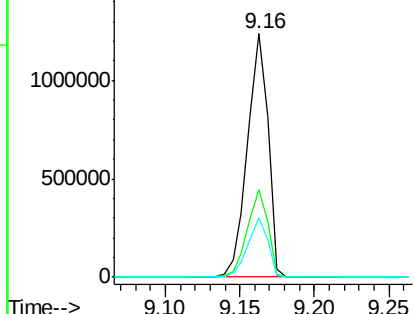
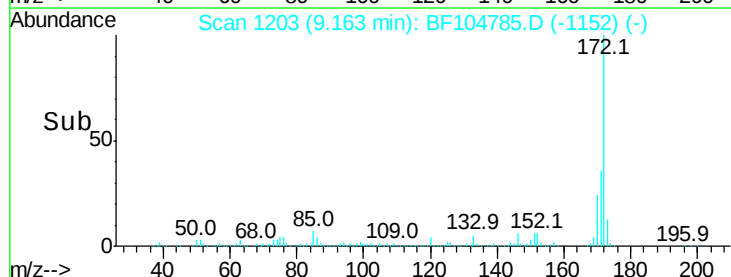


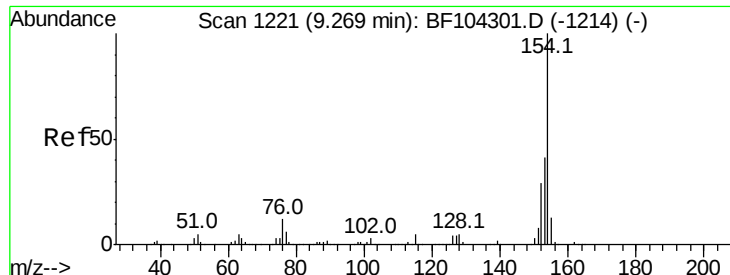
#44
 2-Fluorobiphenyl
 Concen: 62.256 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

Tgt Ion:172 Resp: 1181272
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.3 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: 27.065 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

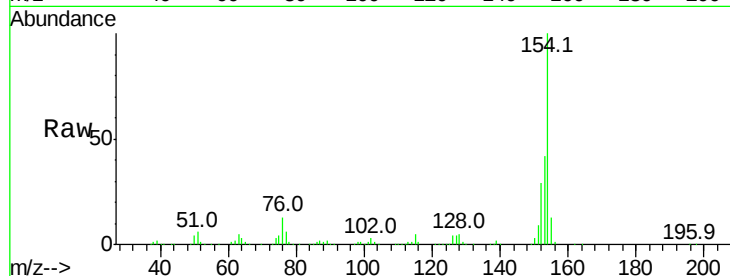
Tot Ion:154 Resp: 681531

Ion Ratio Lower Upper

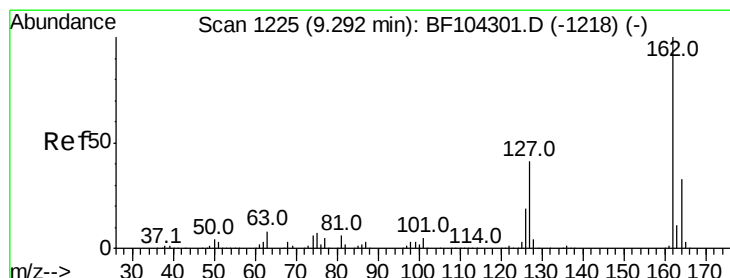
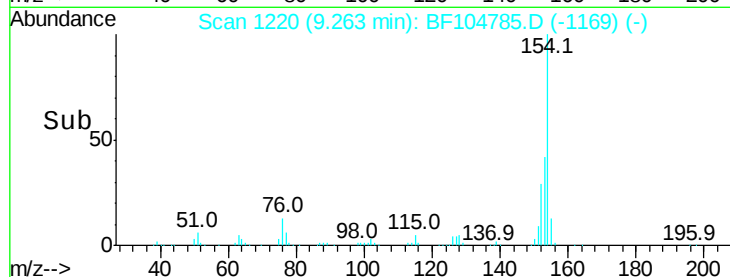
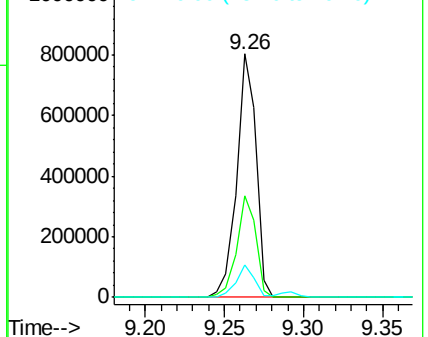
154 100

153 41.7 21.3 61.3

76 13.2 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: 27.244 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

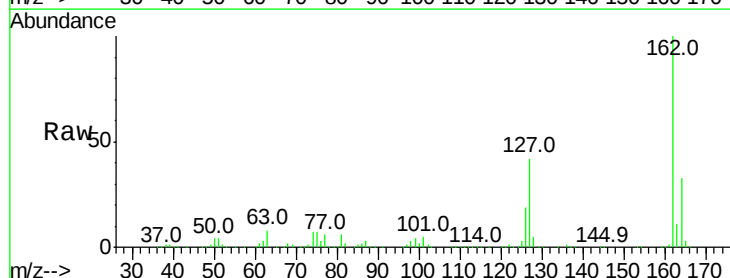
Tgt Ion:162 Resp: 541868

Ion Ratio Lower Upper

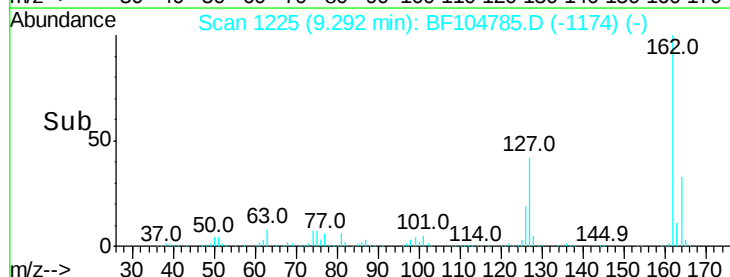
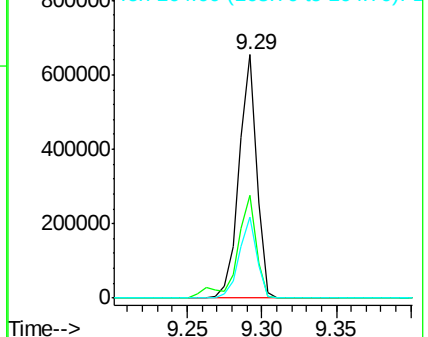
162 100

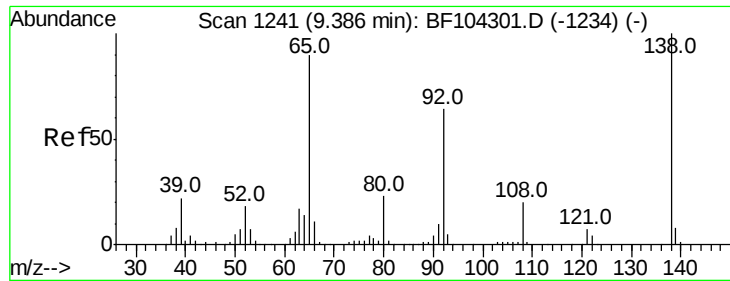
127 42.2 33.9 50.9

164 33.2 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

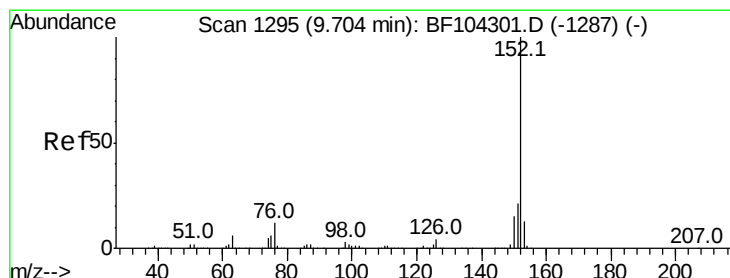
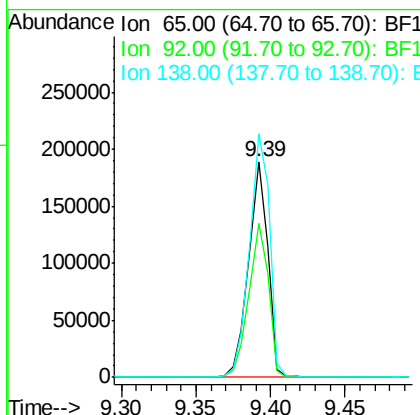
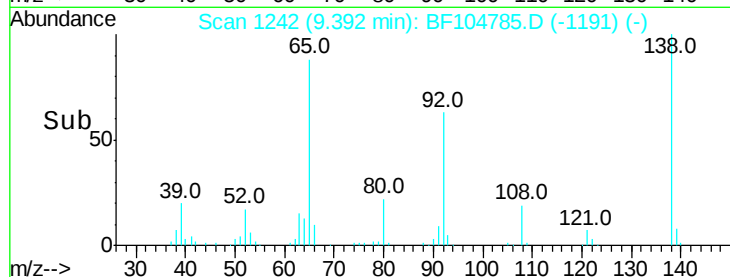
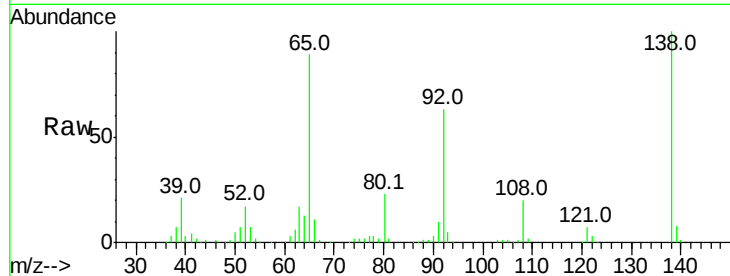




#47
 2-Nitroaniline
 Concen: 34.453 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

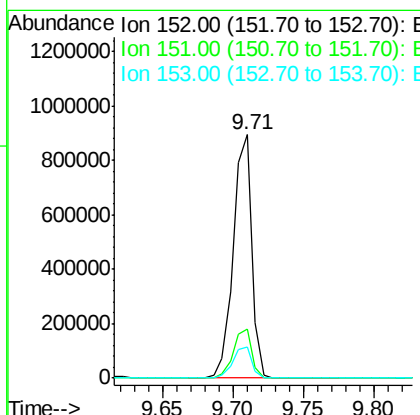
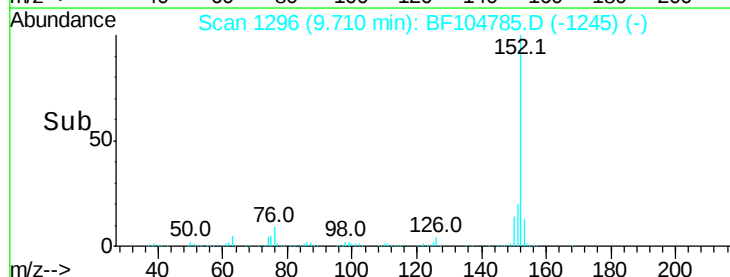
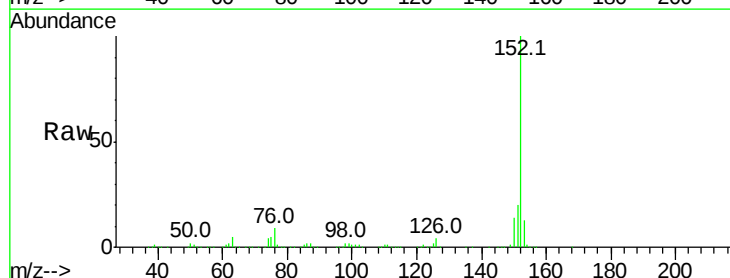
Instrument :
 BNA_F
 ClientSampleID :

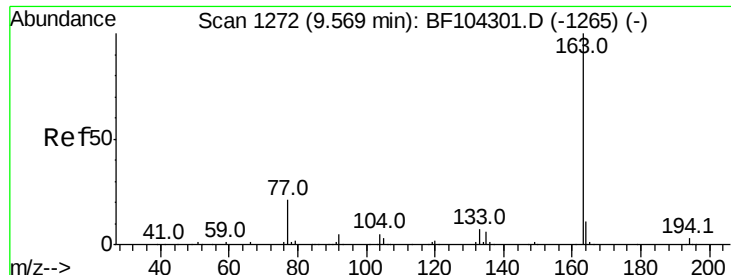
Tot Ion: 65 Resp: 169464
 Ion Ratio Lower Upper
 65 100
 92 71.5 55.8 83.6
 138 112.9 91.2 136.8



#48
 Acenaphthylene
 Concen: 26.098 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

Tgt Ion:152 Resp: 814417
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.3 24.5
 153 12.8 10.7 16.1

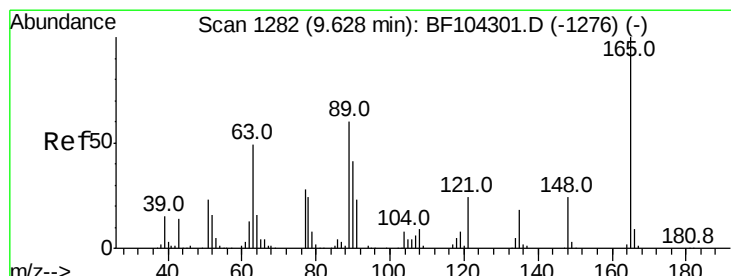
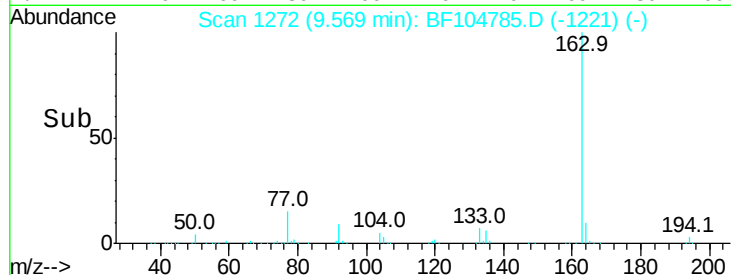
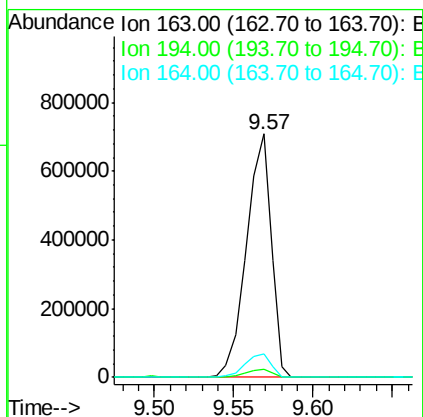
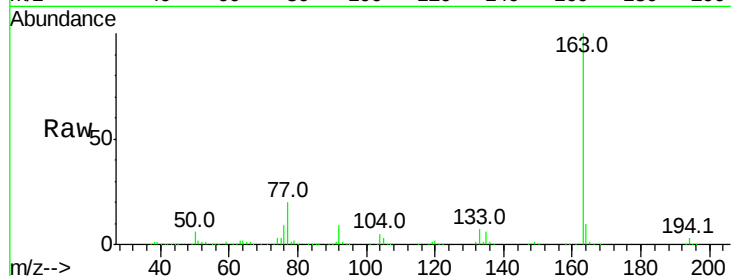




#49
Dimethylphthalate
Concen: 32.480 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

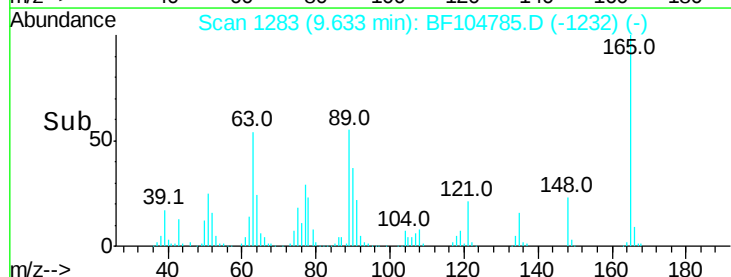
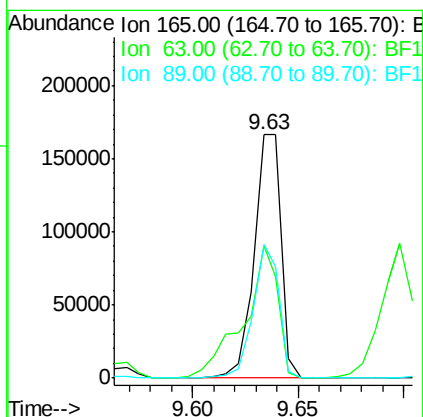
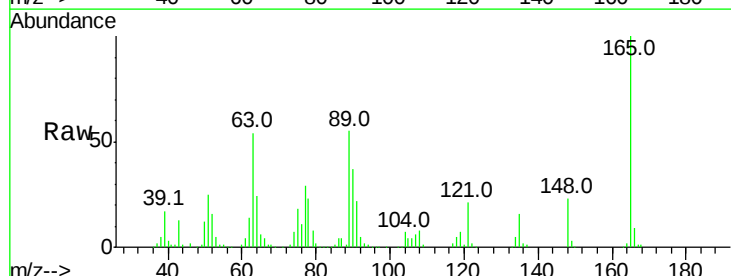
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 767754
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.8 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 33.914 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Tgt Ion:165 Resp: 148332
Ion Ratio Lower Upper
165 100
63 54.4 44.7 67.1
89 54.9 44.0 66.0





#51

Acenaphthene

Concen: 24.924 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

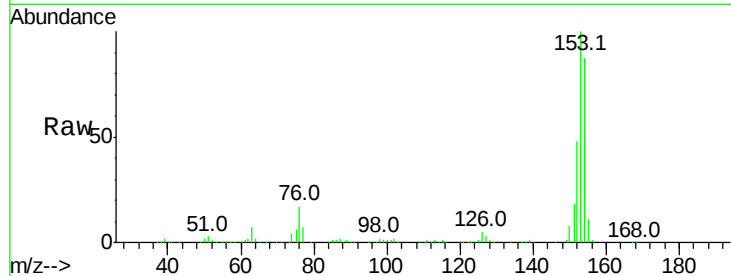
Tot Ion:154 Resp: 474559

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

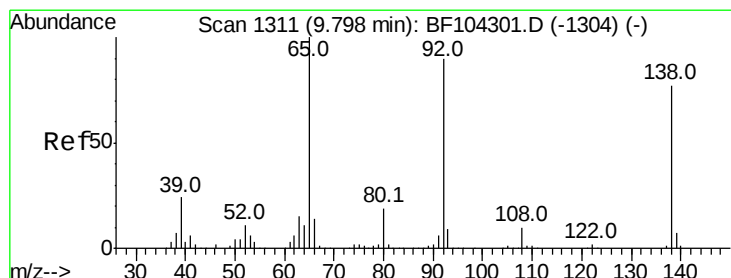
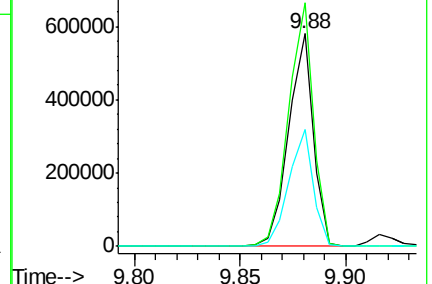
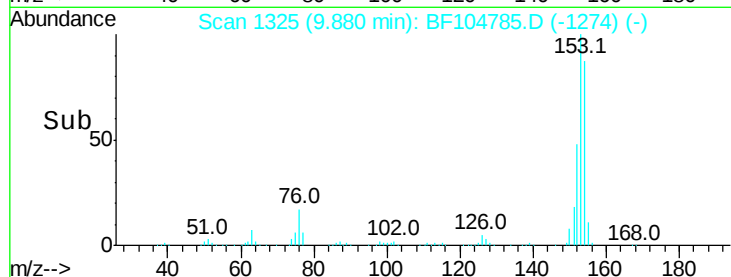
152 55.1 43.8 65.8



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: 23.670 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

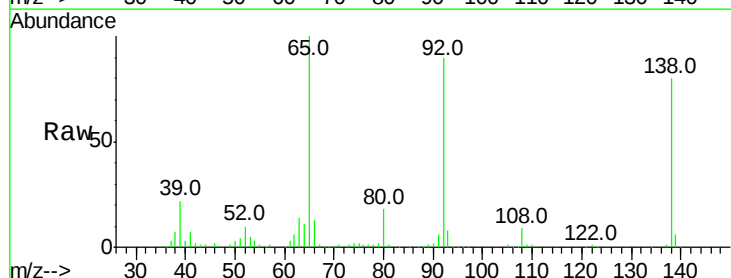
Tgt Ion:138 Resp: 121200

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.0

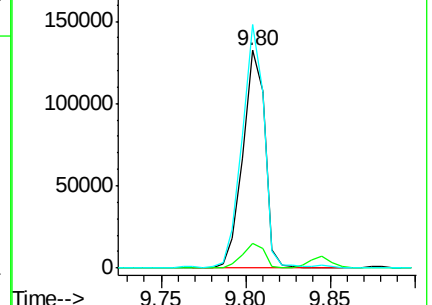
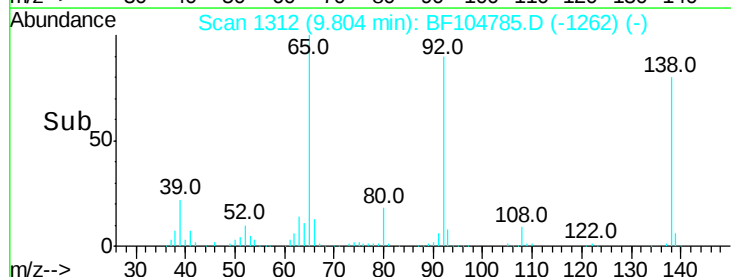
92 111.7 89.4 134.2

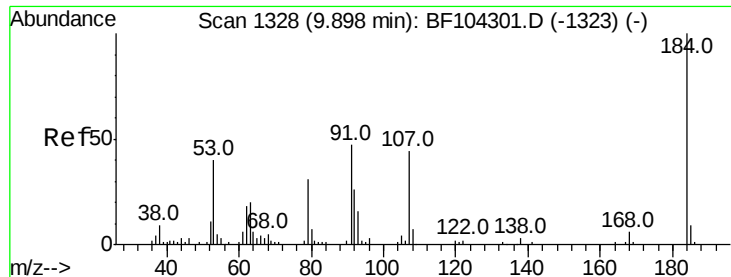


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

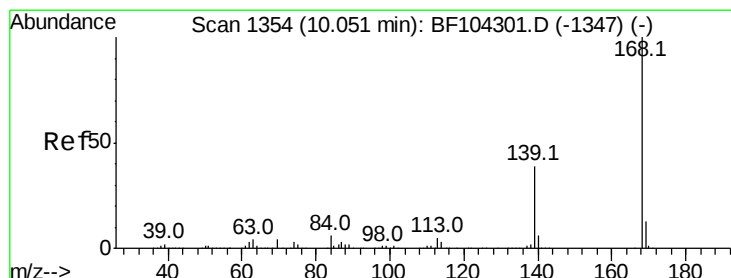
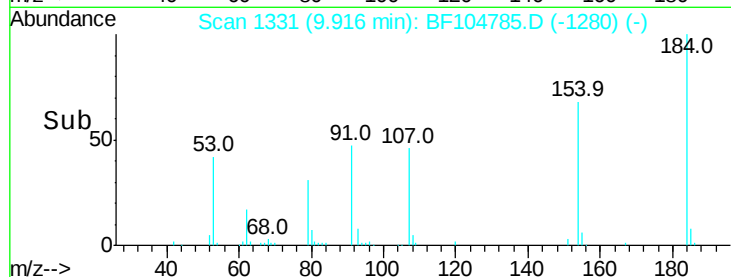
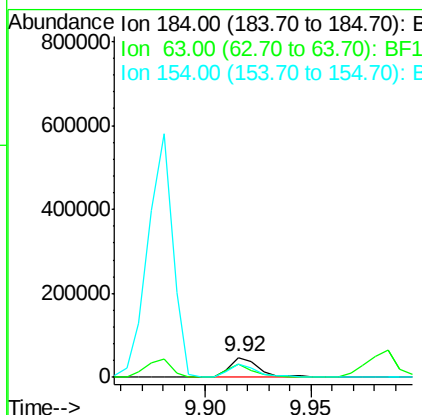
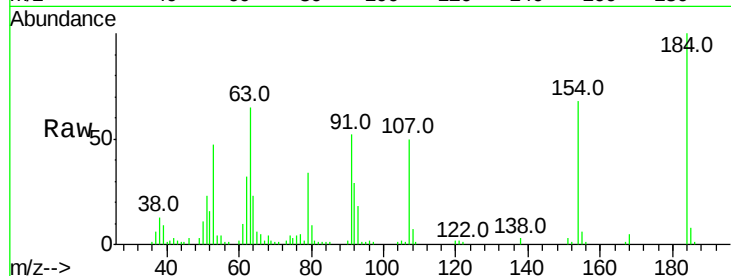




#53
 2,4-Dinitrophenol
 Concen: 35.914 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

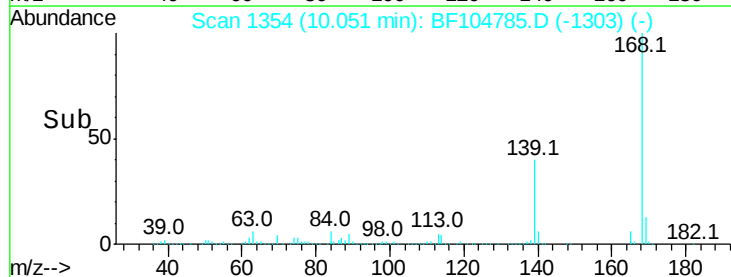
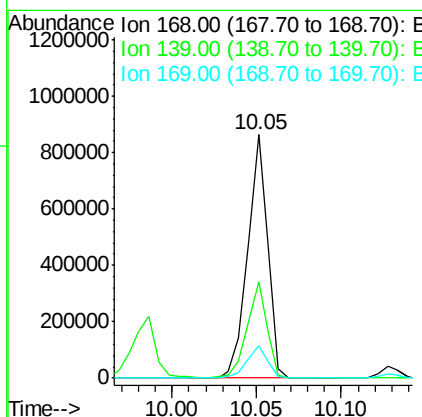
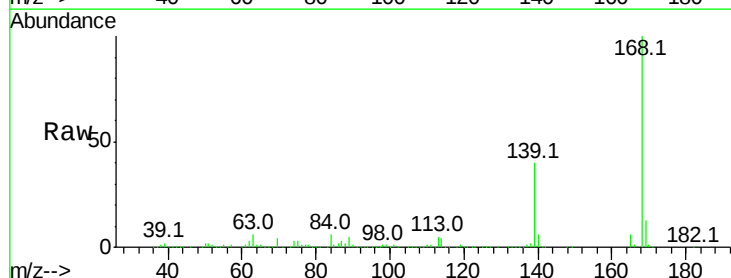
Instrument :
 BNA_F
 ClientSampleId :

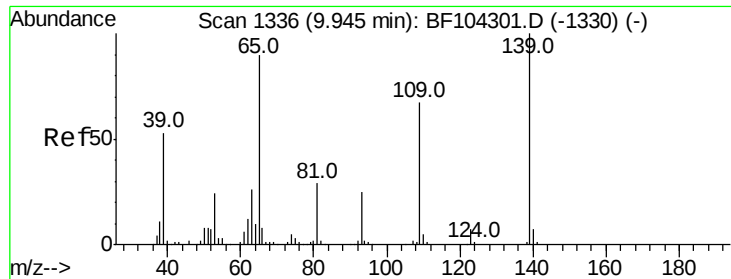
Tot Ion:184 Resp: 45934
 Ion Ratio Lower Upper
 184 100
 63 64.8 54.2 81.2
 154 68.4 184.0 276.0#



#54
 Dibenzofuran
 Concen: 27.048 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

Tgt Ion:168 Resp: 717697
 Ion Ratio Lower Upper
 168 100
 139 39.7 30.1 45.1
 169 13.2 10.9 16.3





#55

4-Nitrophenol

Concen: 51.454 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampled :

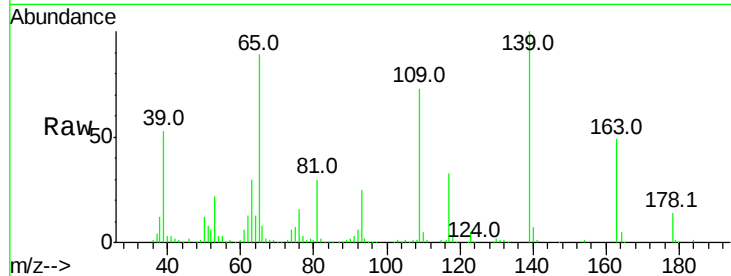
Tot Ion:139 Resp: 206961

Ion Ratio Lower Upper

139 100

109 72.7 48.4 88.4

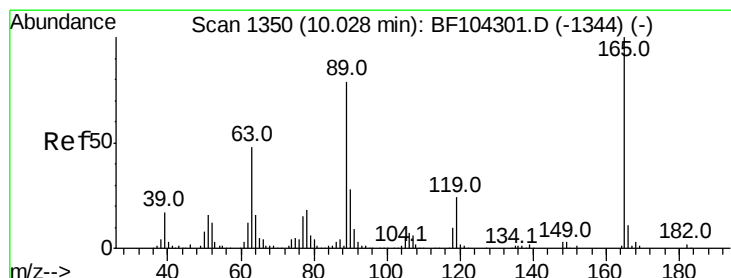
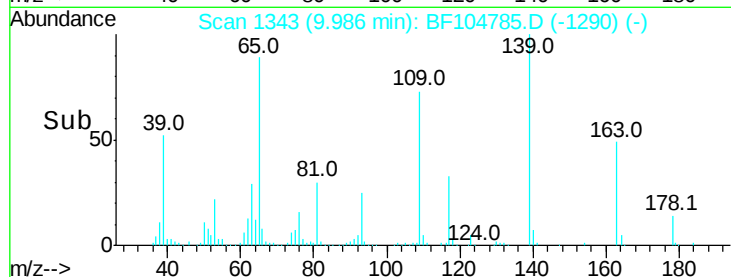
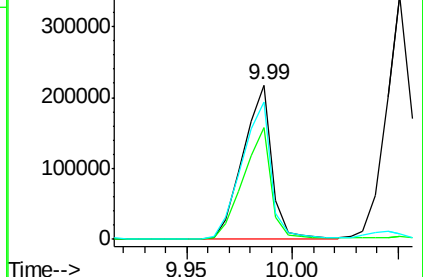
65 89.2 72.6 112.6



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: 32.726 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Tgt Ion:165 Resp: 187756

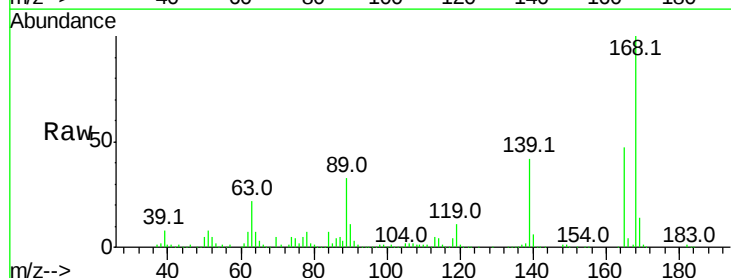
Ion Ratio Lower Upper

165 100

63 47.3 36.4 54.6

89 70.2 57.8 86.6

182 2.4 1.6 2.4#

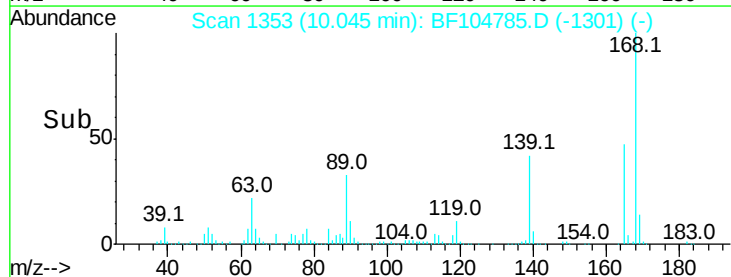
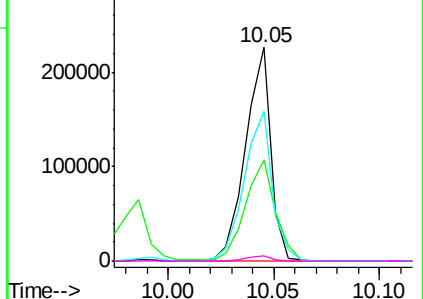


Abundance Ion 165.00 (164.70 to 165.70): E

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: 29.909 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

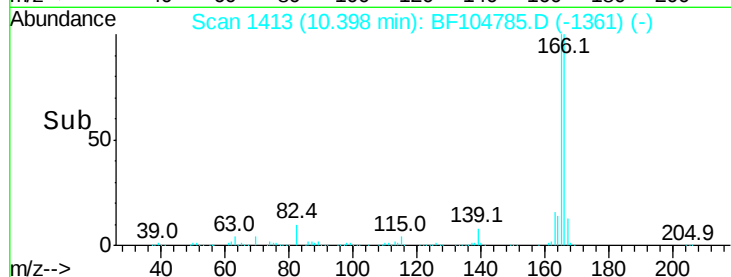
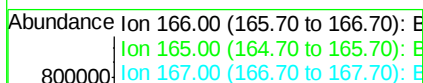
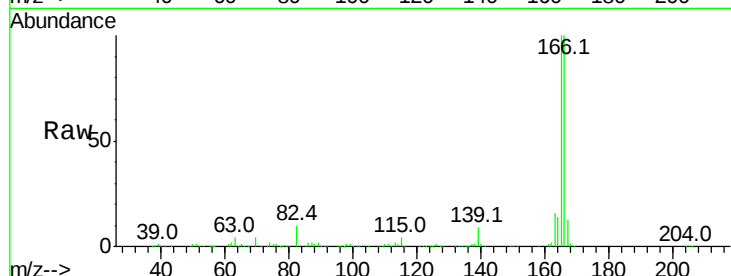
Instrument :

BNA_F

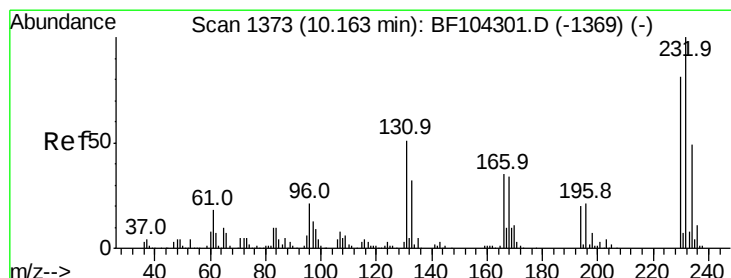
ClientSampleId :

Tot Ion:166 Resp: 577641

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.8	119.8
167	12.9	10.6	16.0



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 28.189 ng

RT: 10.17 min Scan# 1375

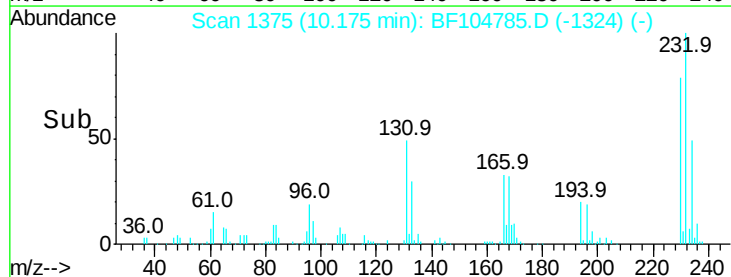
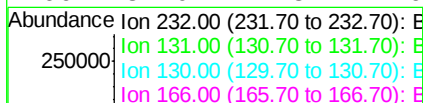
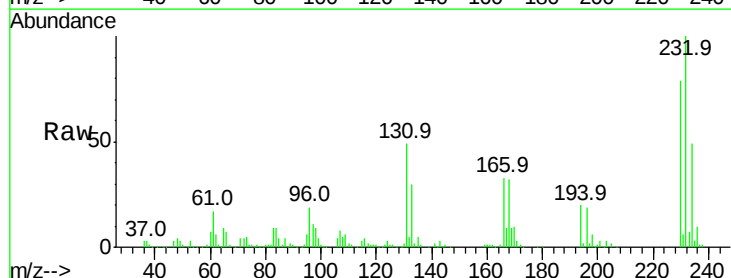
Delta R.T. -0.00 min

Lab File: BF104785.D

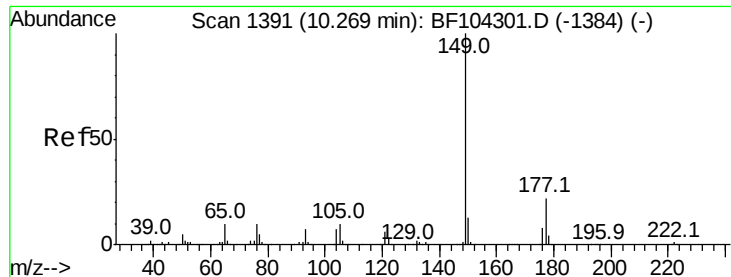
Acq: 25 Apr 2018 13:38

Tgt Ion:232 Resp: 140178

Ion	Ratio	Lower	Upper
232	100		
131	49.5	43.8	65.8
130	2.5	2.1	3.1
166	34.0	27.8	41.6



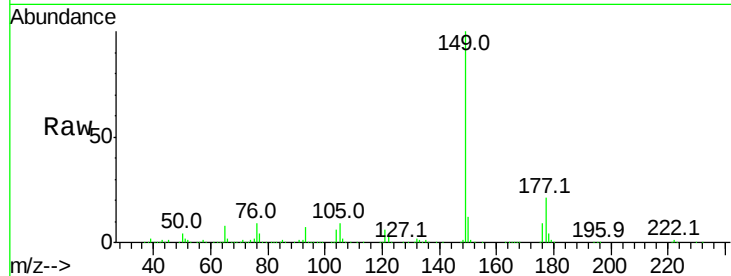
Time-->



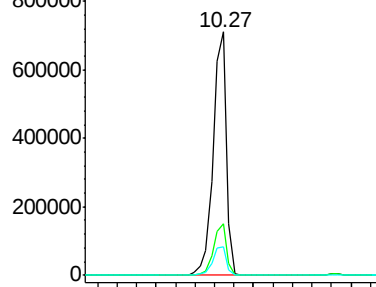
#59
Diethylphthalate
Concen: 28.235 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Instrument :
BNA_F
ClientSampleId :

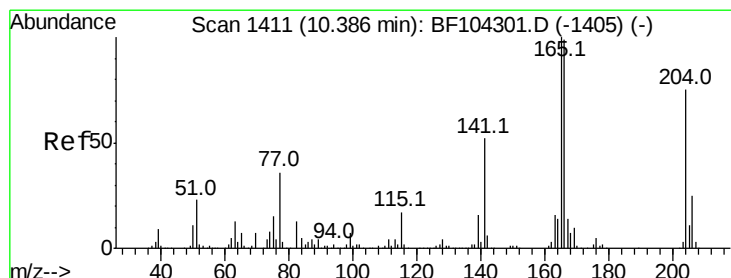
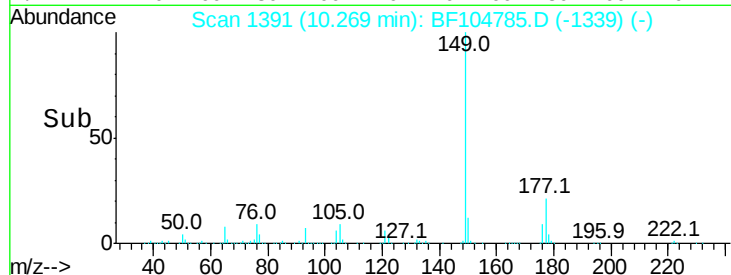
Tot Ion:149 Resp: 664681
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 11.7 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

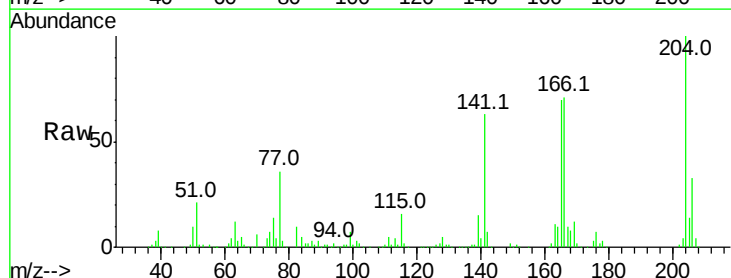


Time-->

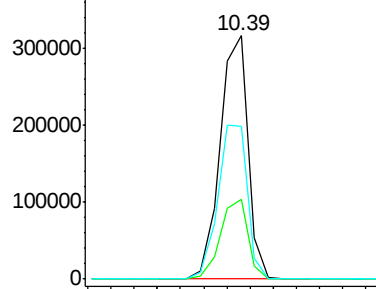


#60
4-Chlorophenyl-phenylether
Concen: 31.128 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

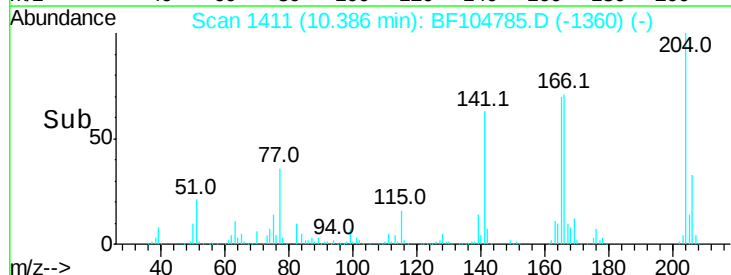
Tgt Ion:204 Resp: 267739
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 62.5 54.6 81.8

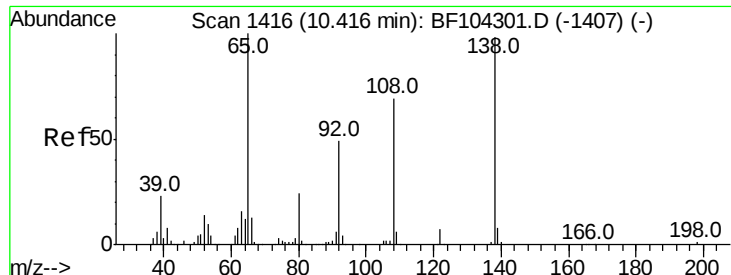


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->

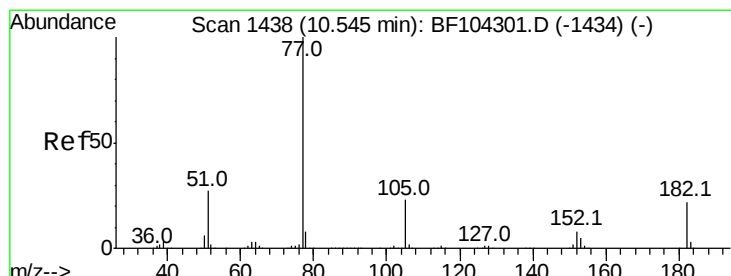
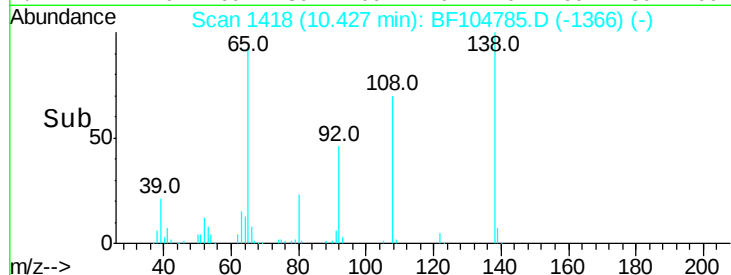
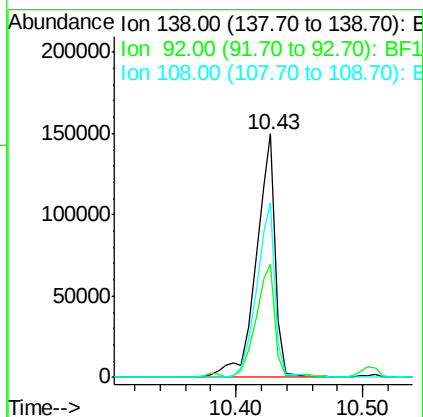
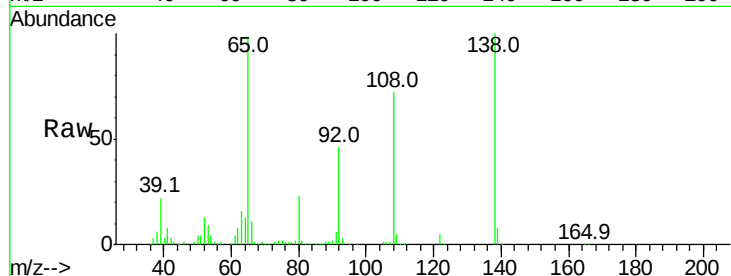




#61
4-Nitroaniline
Concen: 31.542 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

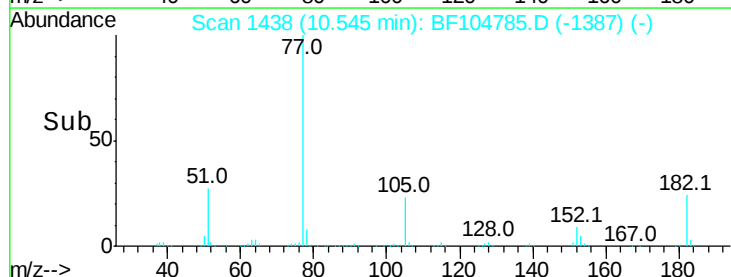
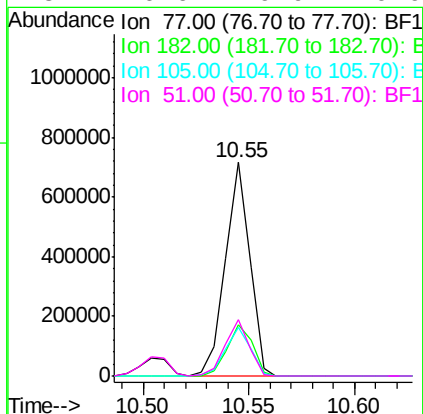
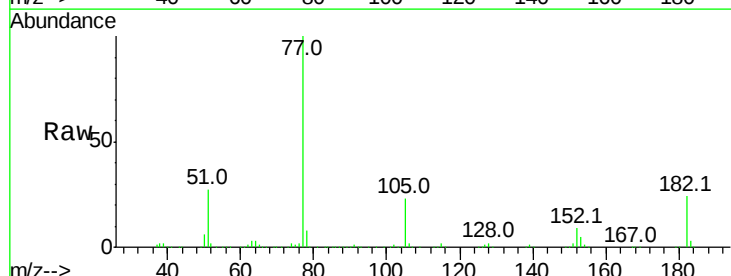
Instrument :
BNA_F
ClientSampleId :

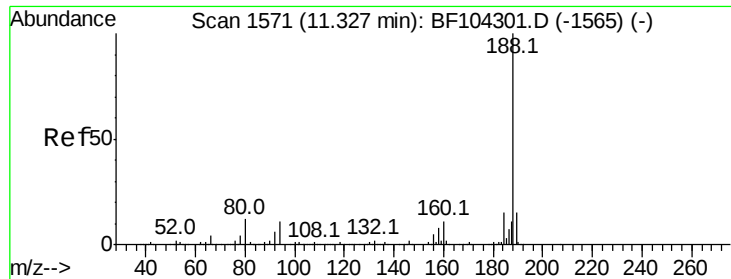
Tot Ion:138 Resp: 157919
Ion Ratio Lower Upper
138 100
92 46.4 30.2 70.2
108 71.9 52.5 92.5



#62
Azobenzene
Concen: 25.399 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Tgt Ion: 77 Resp: 571255
Ion Ratio Lower Upper
77 100
182 23.7 1.7 41.7
105 23.1 3.0 43.0
51 26.6 9.9 49.9

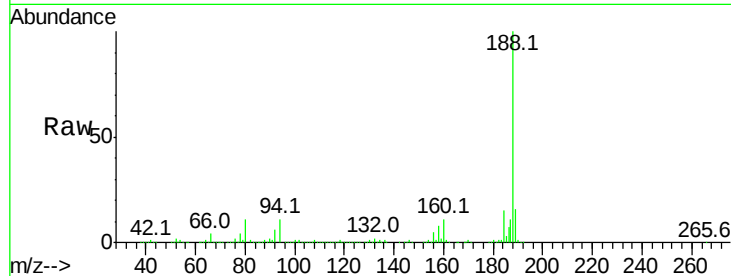




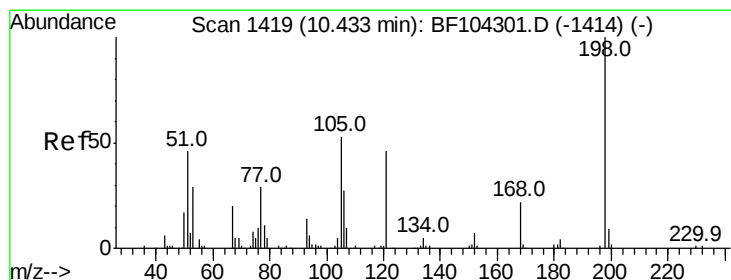
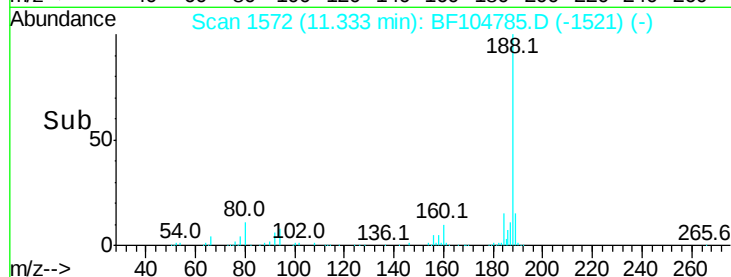
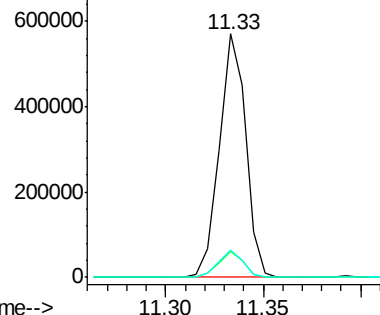
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 533441
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.4 9.2 13.8

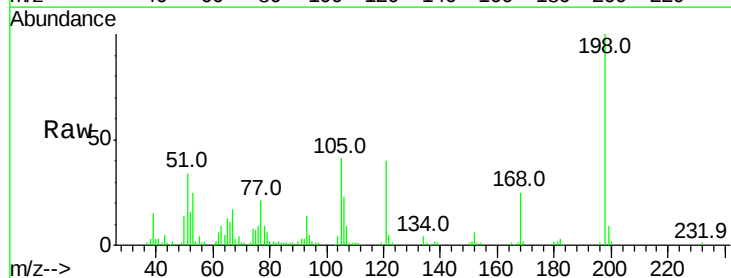


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

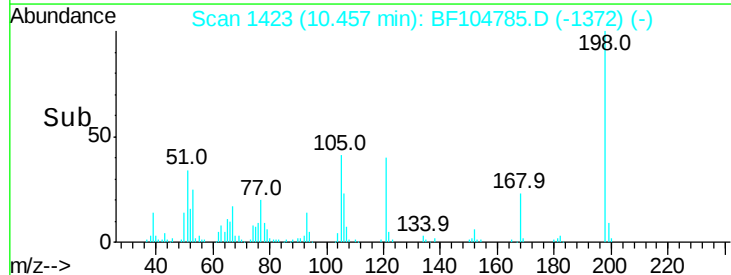
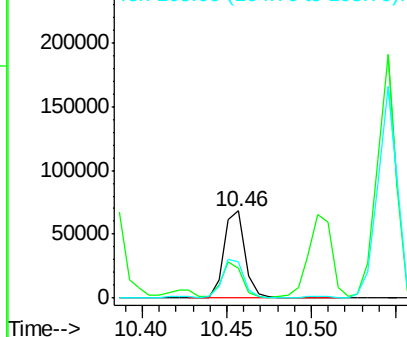


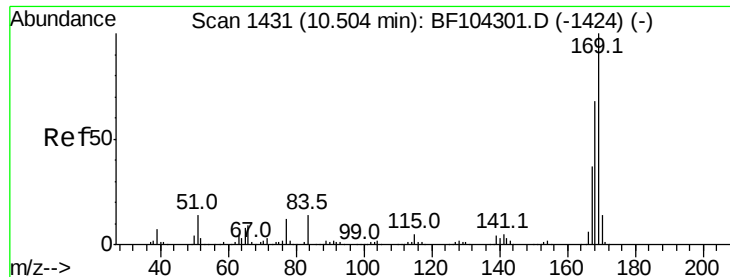
#64
4,6-Dinitro-2-methylphenol
Concen: 26.933 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Tgt Ion:198 Resp: 60081
Ion Ratio Lower Upper
198 100
51 34.0 37.7 77.7#
105 41.4 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 28.204 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

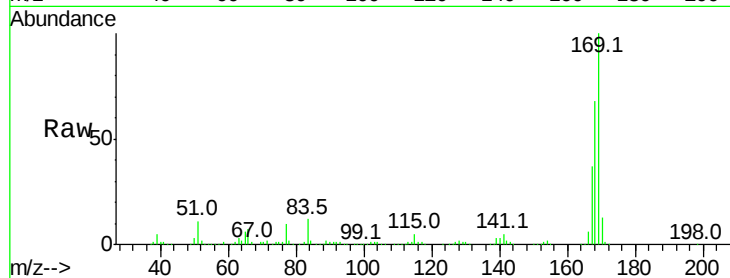
Tot Ion:169 Resp: 521661

Ion Ratio Lower Upper

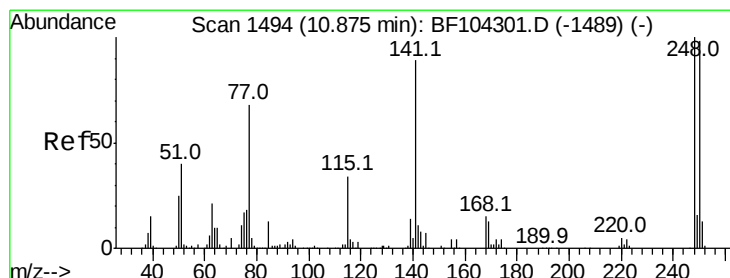
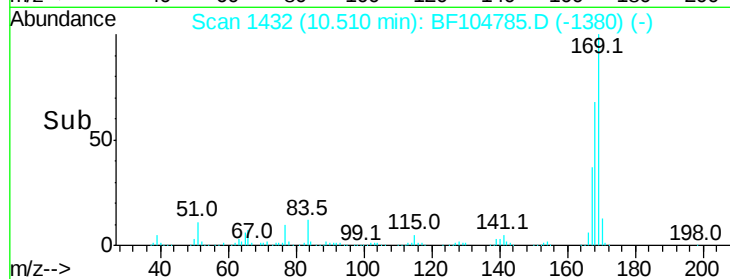
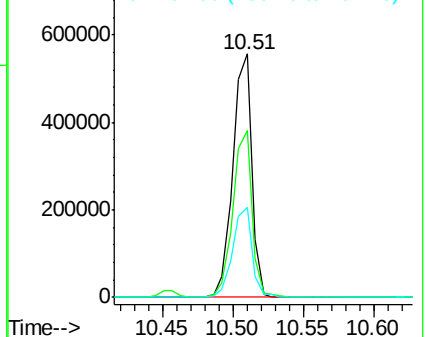
169 100

168 68.5 54.4 81.6

167 37.0 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: 28.840 ng

RT: 10.87 min Scan# 1494

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

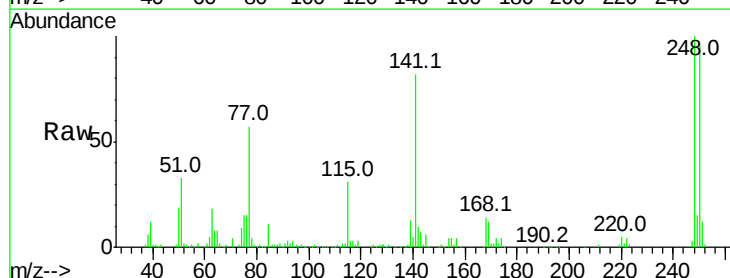
Tgt Ion:248 Resp: 163640

Ion Ratio Lower Upper

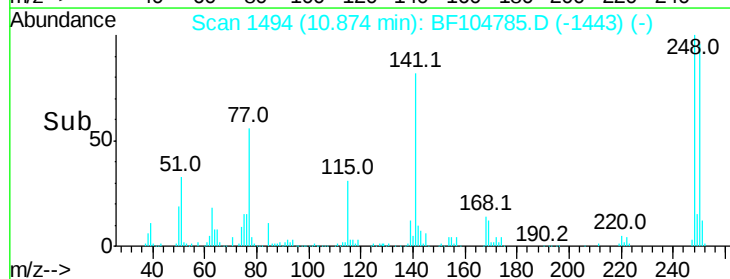
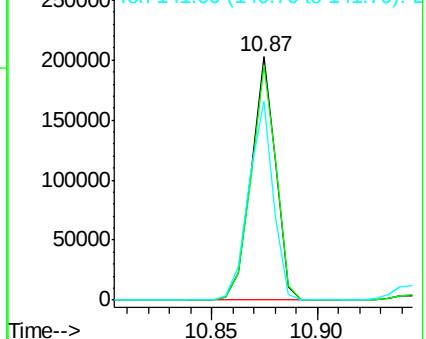
248 100

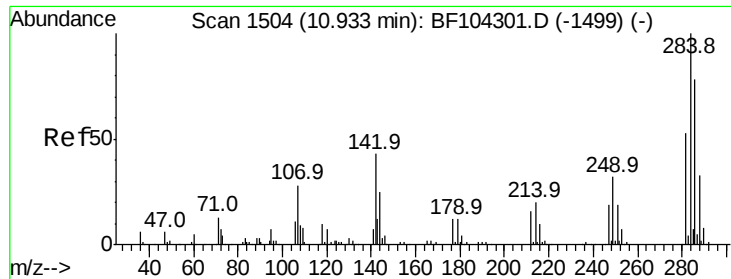
250 96.1 76.9 115.3

141 81.7 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

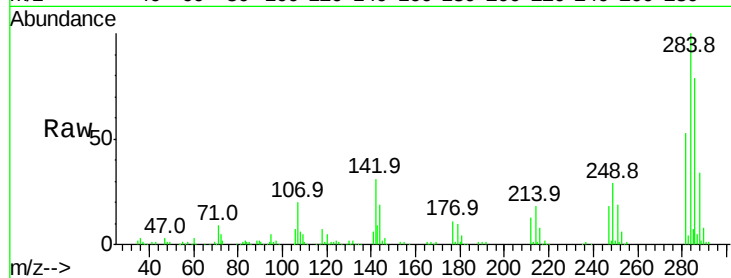




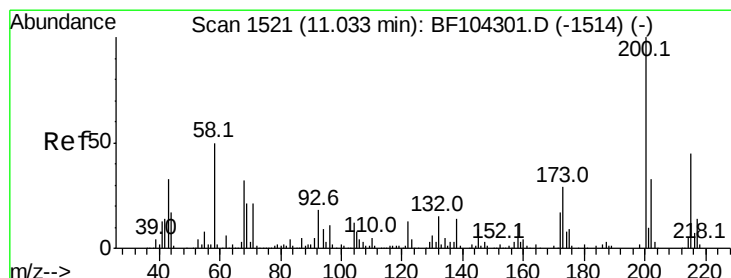
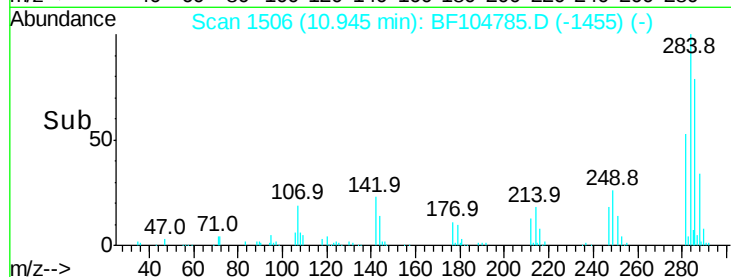
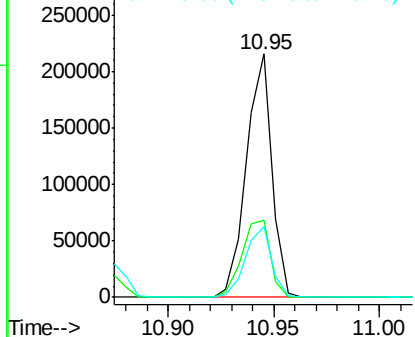
#67
Hexachlorobenzene
Concen: 28.326 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.5	34.6	52.0#
249	29.2	24.8	37.2

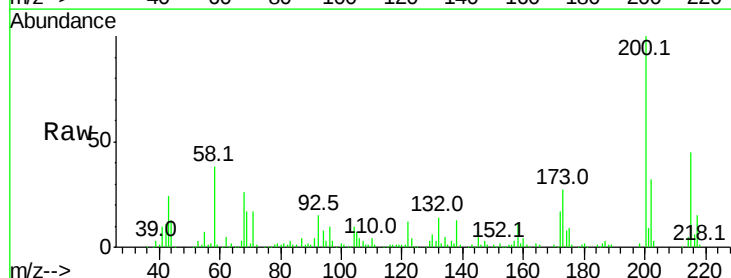


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

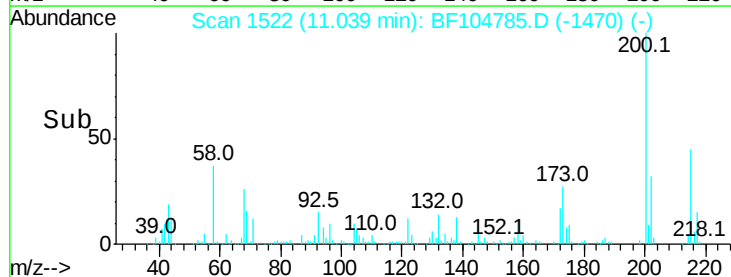
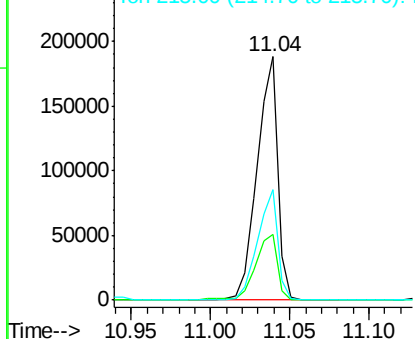


#68
Atrazine
Concen: 30.652 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.0	8.6	48.6
215	45.4	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

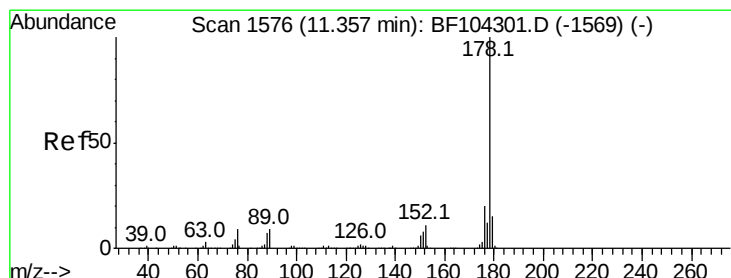
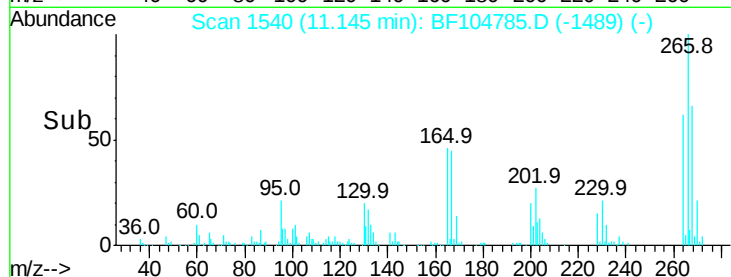
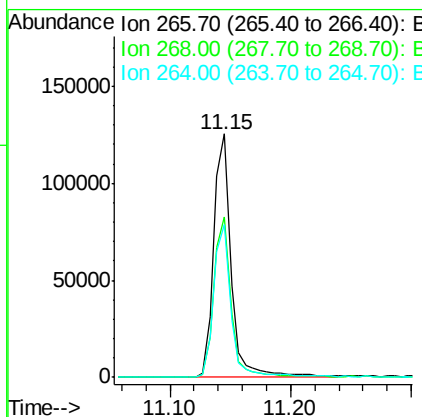
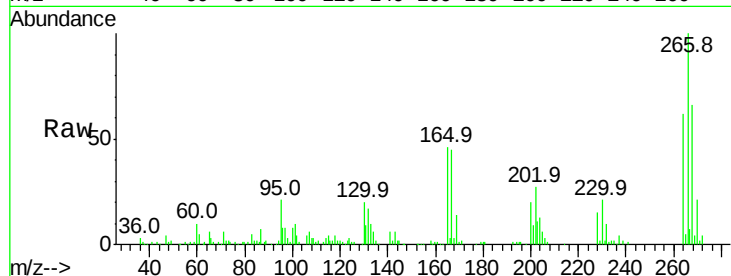




#69
 Pentachlorophenol
 Concen: 31.521 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

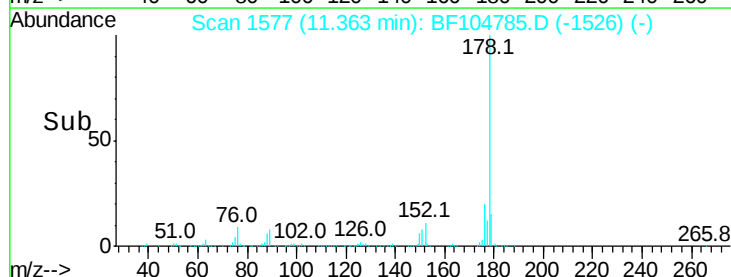
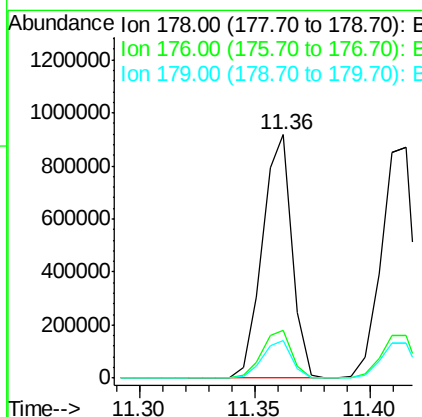
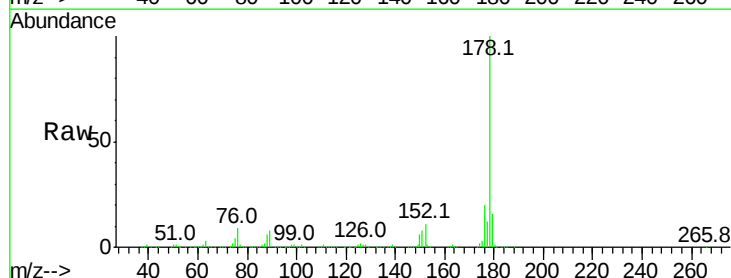
Instrument :
 BNA_F
 ClientSampleId :

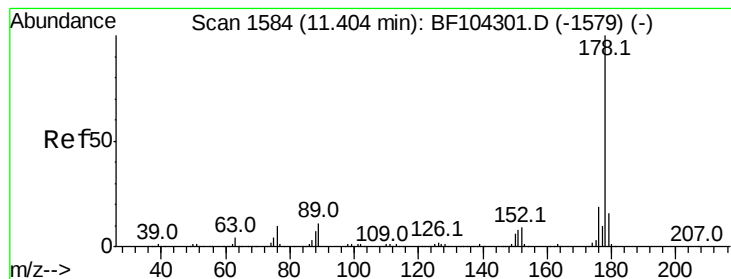
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.0	51.1	76.7
264	62.5	49.5	74.3



#70
 Phenanthrene
 Concen: 27.676 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.6	13.0	19.6





#71

Anthracene

Concen: 27.699 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

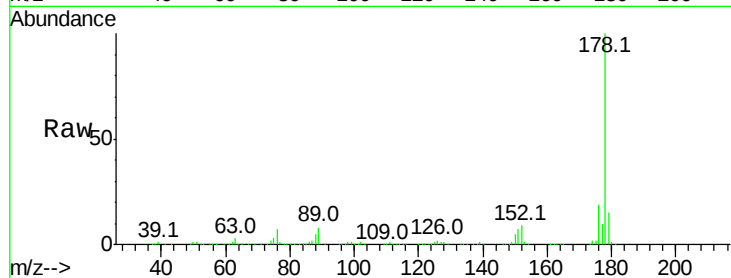
Tot Ion:178 Resp: 836442

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

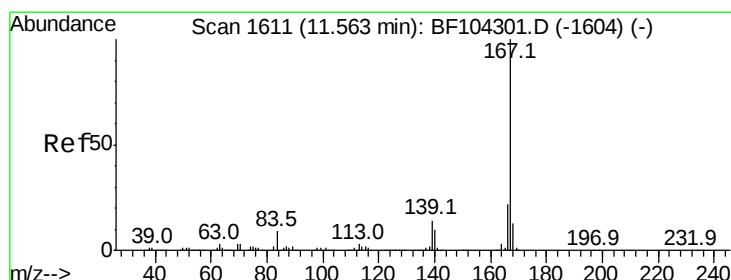
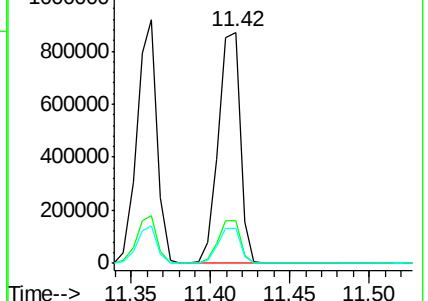
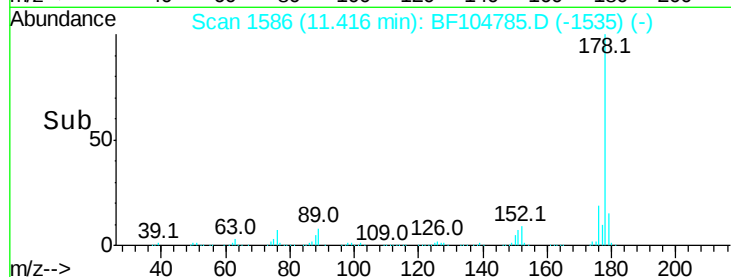
179 15.2 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 25.805 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

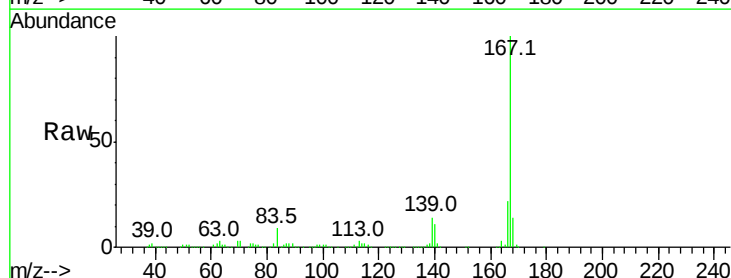
Tgt Ion:167 Resp: 761453

Ion Ratio Lower Upper

167 100

166 22.5 17.6 26.4

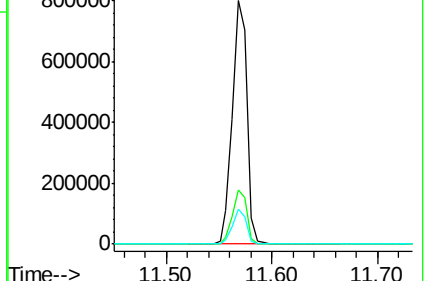
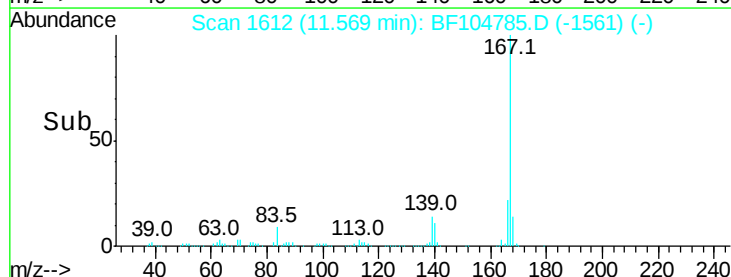
139 14.2 10.9 16.3

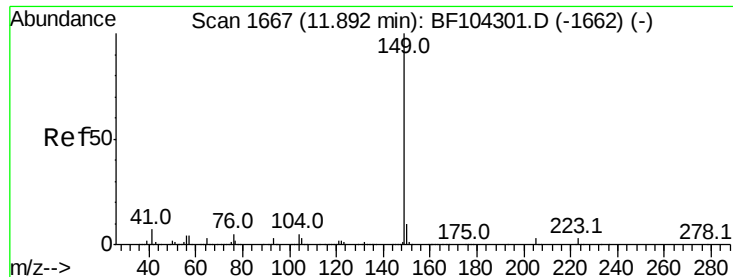


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 26.920 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

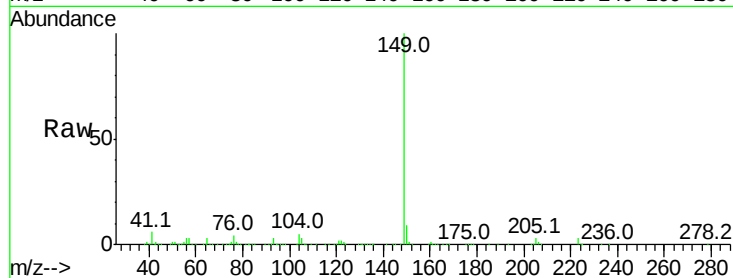
Tot Ion:149 Resp: 970370

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

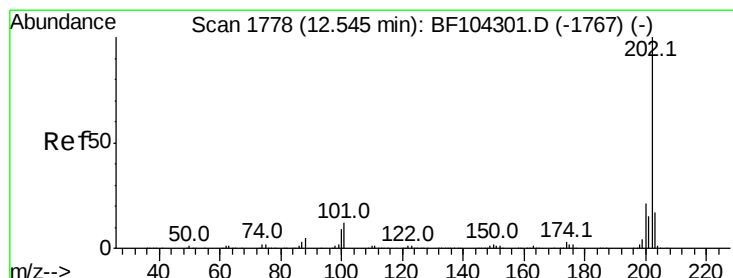
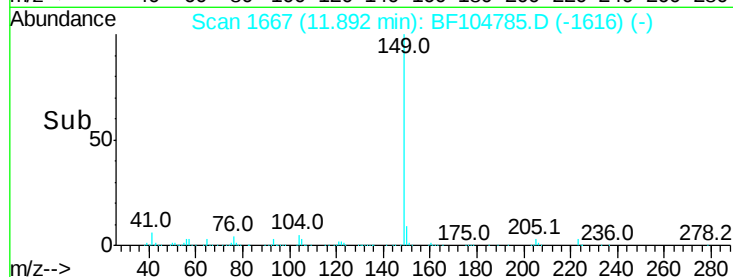
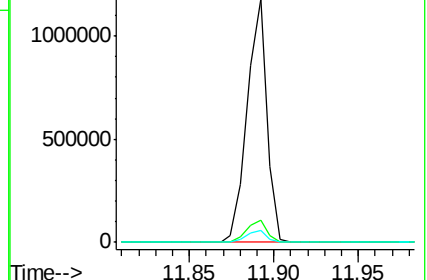
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 25.019 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

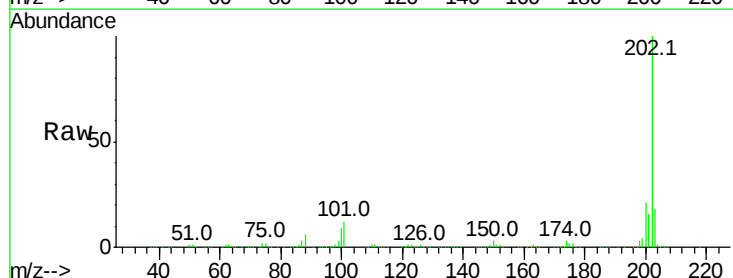
Tgt Ion:202 Resp: 776535

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

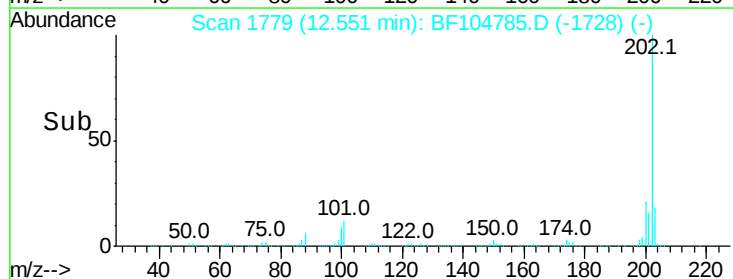
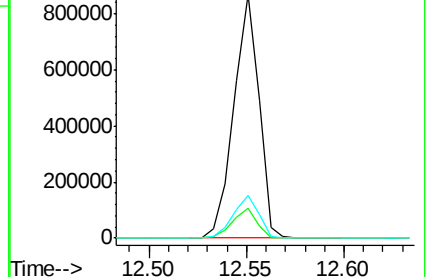
203 17.8 0.0 38.1

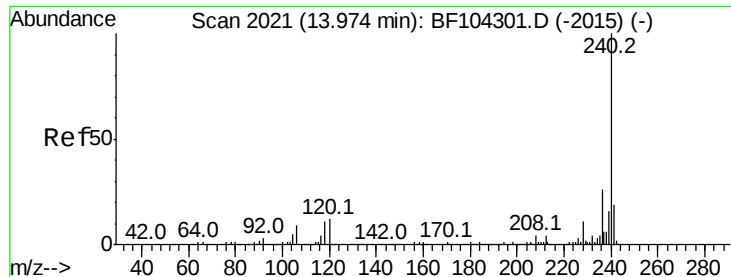


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

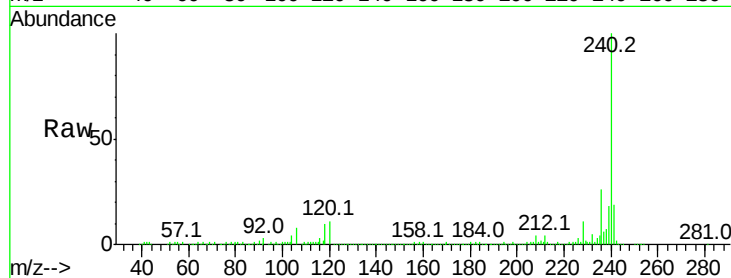
Tot Ion:240 Resp: 313864

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

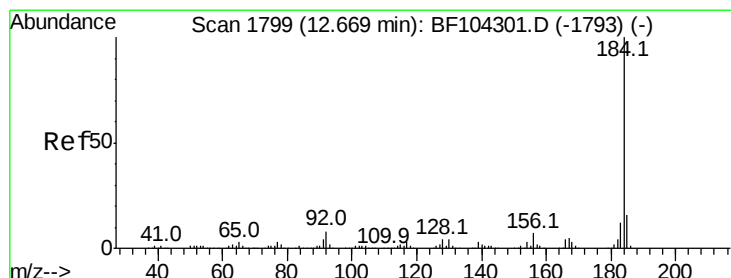
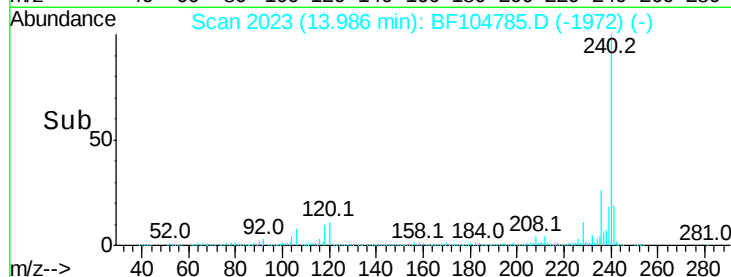
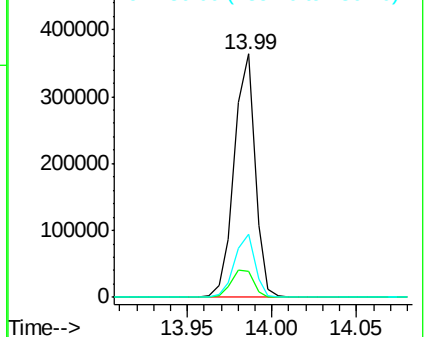
236 26.1 20.7 31.1



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: 23.453 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

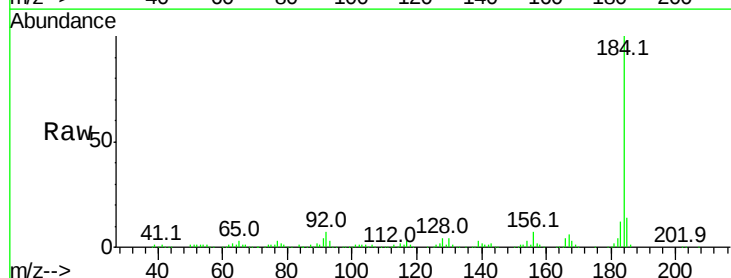
Tgt Ion:184 Resp: 285970

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

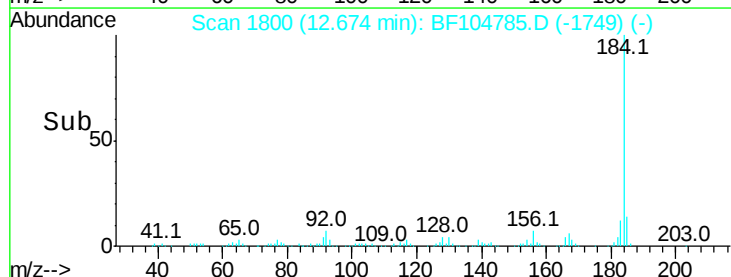
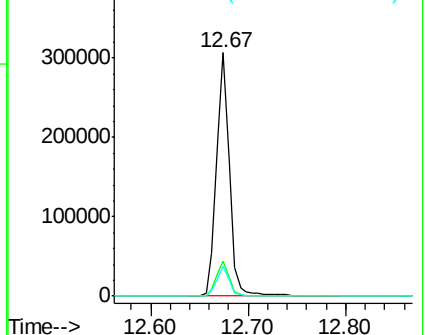
183 12.1 9.3 13.9

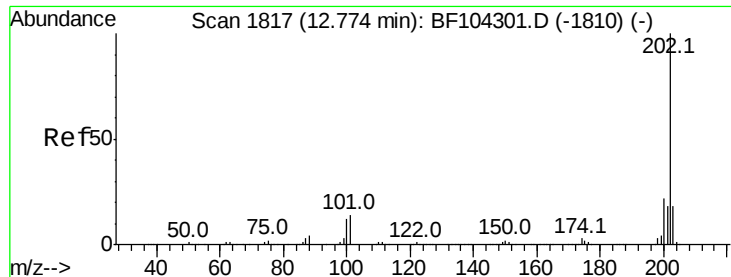


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

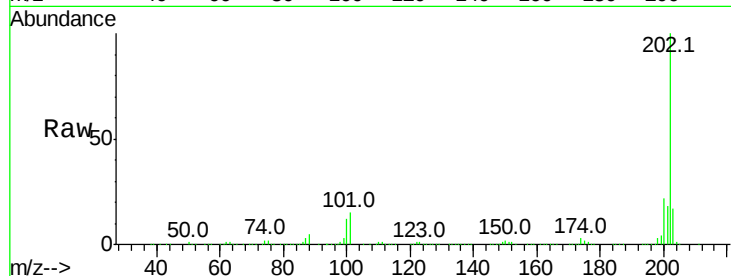




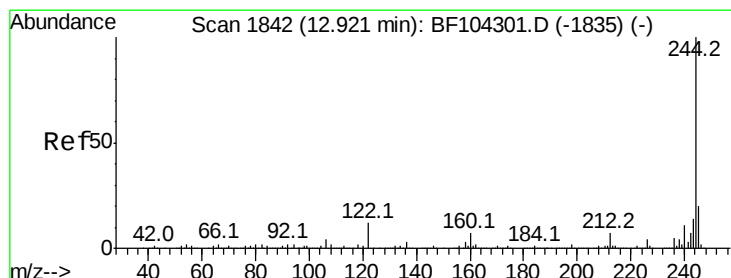
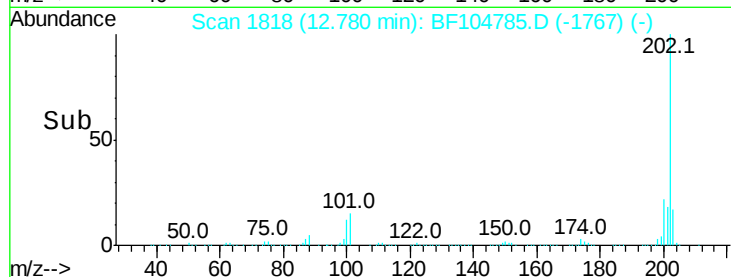
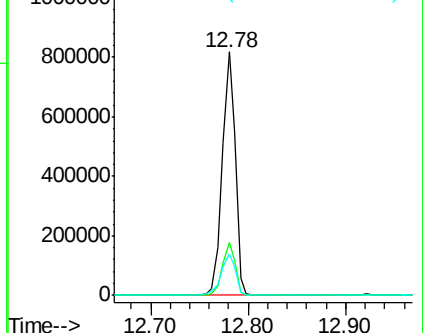
#77
Pvrene
Concen: 32.679 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 760256
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.2 14.3 21.5

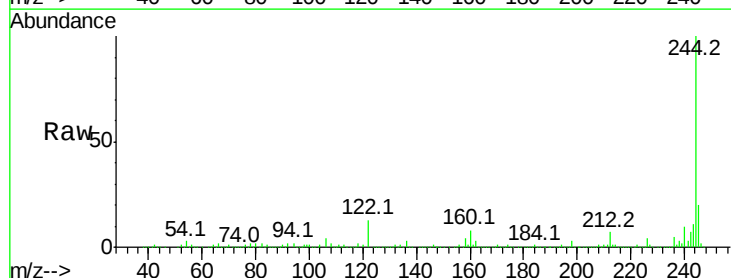


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

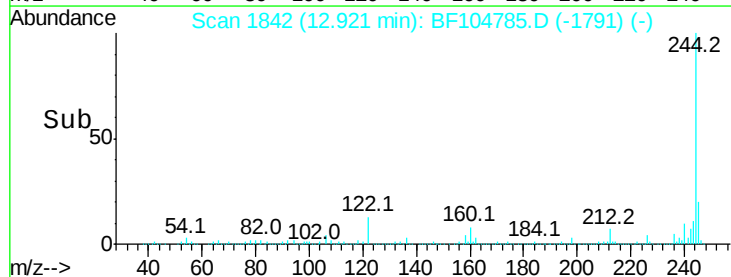
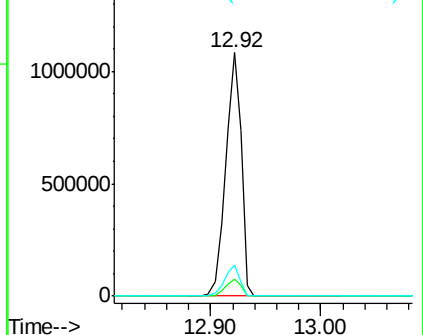


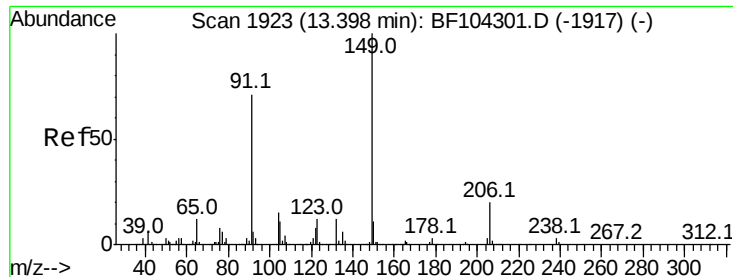
#78
Terphenyl-d14
Concen: 77.519 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Tgt Ion:244 Resp: 1067204
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.7 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

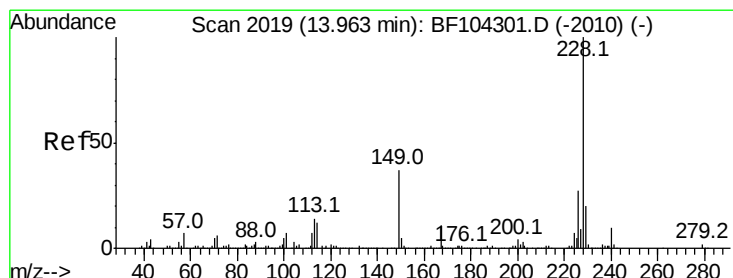
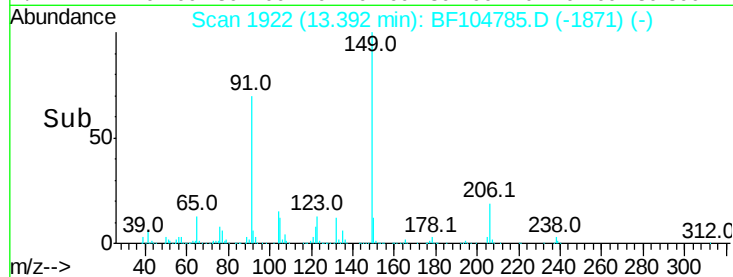
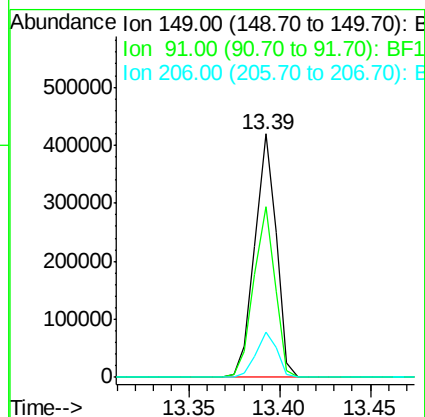
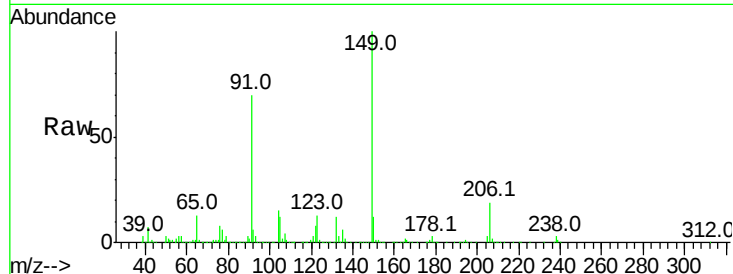




#79
Butylbenzylphthalate
Concen: 31.548 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

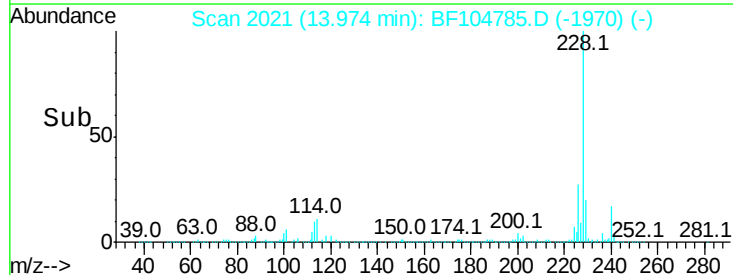
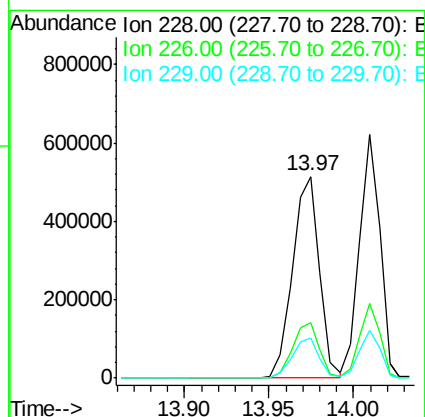
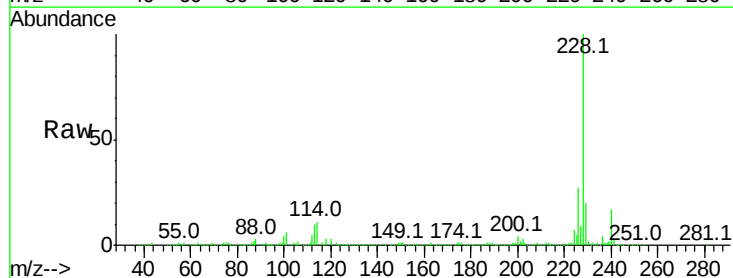
Instrument :
BNA_F
ClientSampleId :

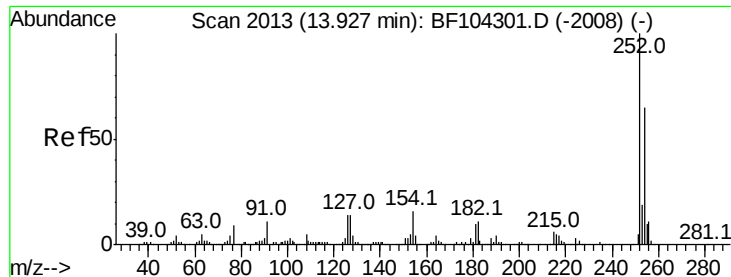
Tot Ion:149 Resp: 345774
Ion Ratio Lower Upper
149 100
91 70.2 56.8 85.2
206 18.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 30.034 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Tgt Ion:228 Resp: 563164
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.9 15.8 23.6

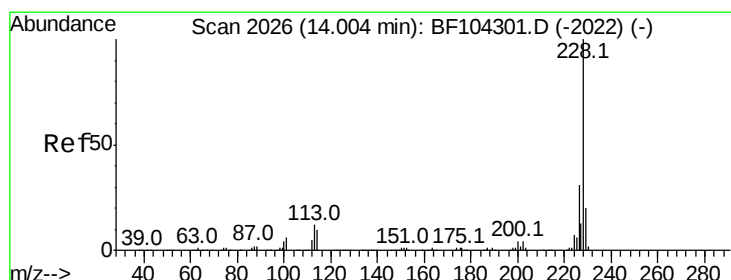
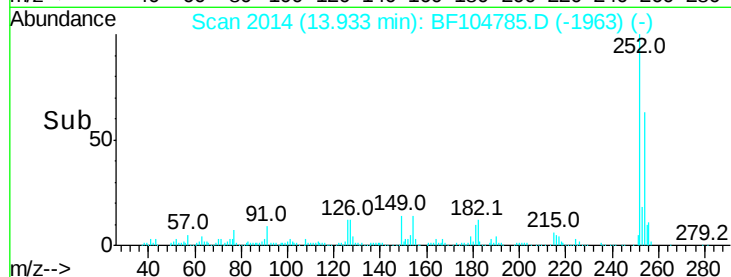
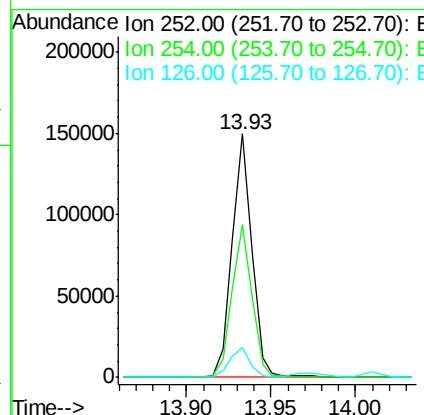
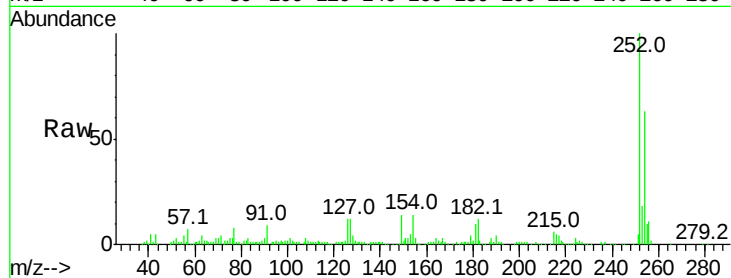




#81
 3,3'-Dichlorobenzidine
 Concen: 17.502 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

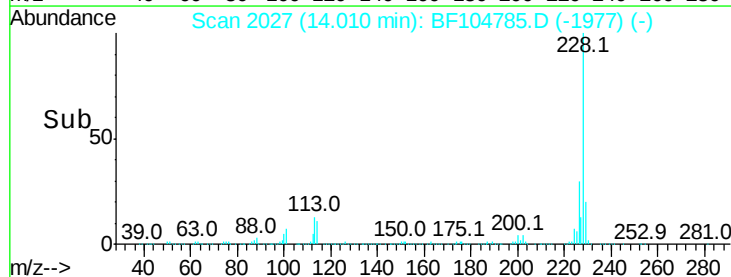
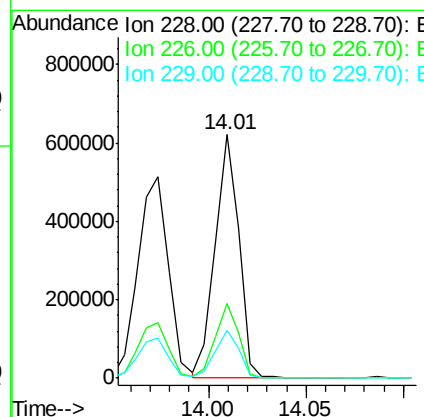
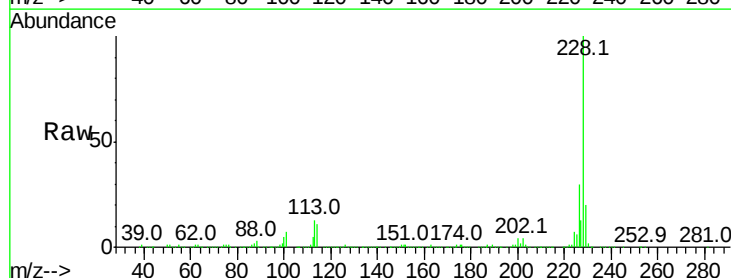
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.8	50.4	75.6
126	12.1	11.3	16.9



#82
 Chrysene
 Concen: 27.197 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	19.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.581 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

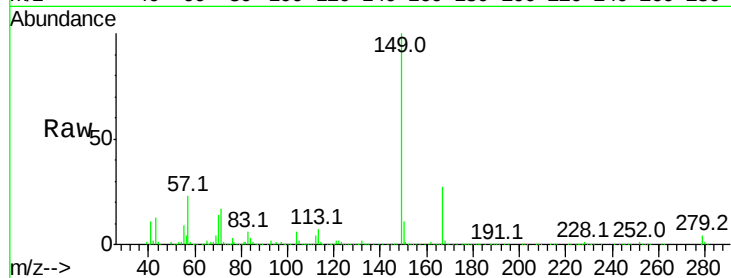
Tot Ion:149 Resp: 459323

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	3.6	3.0	4.4

149 100

167 26.6 21.3 31.9

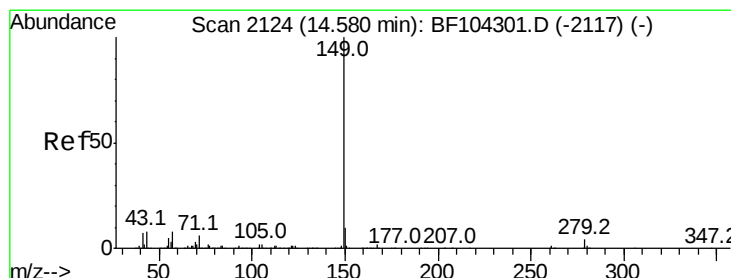
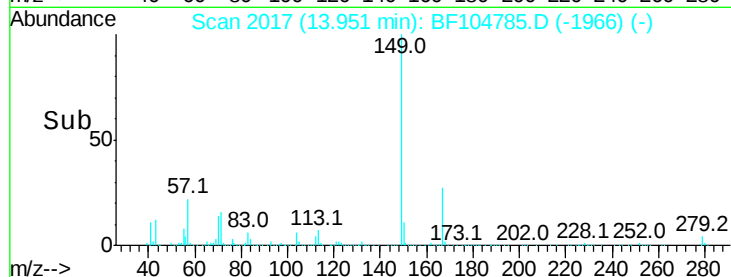
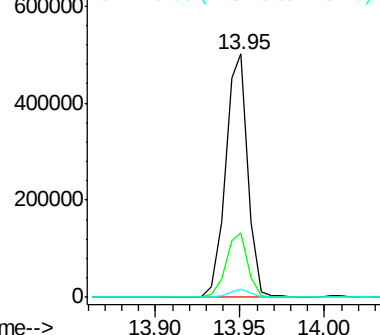
279 3.6 3.0 4.4



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: 29.268 ng

RT: 14.57 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

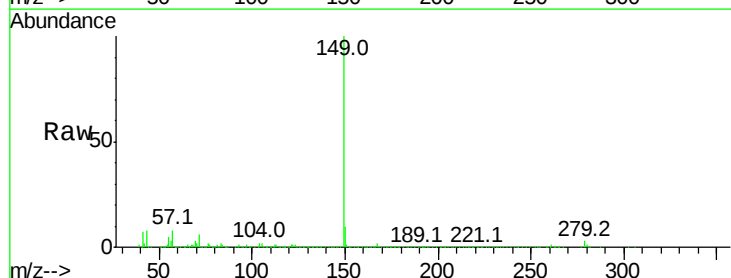
Tgt Ion:149 Resp: 689437

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.8	8.4	12.6#

149 100

167 1.5 1.2 1.8

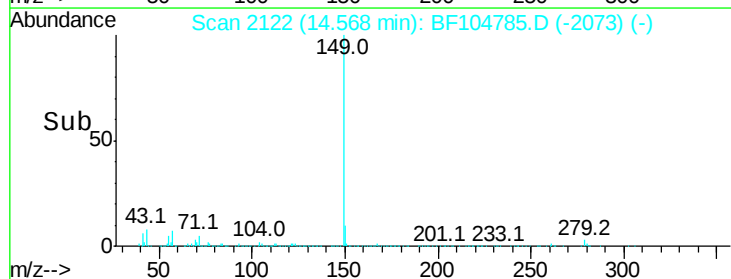
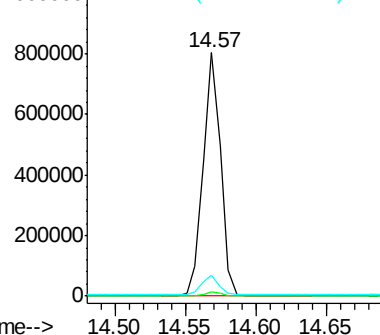
43 7.8 8.4 12.6#

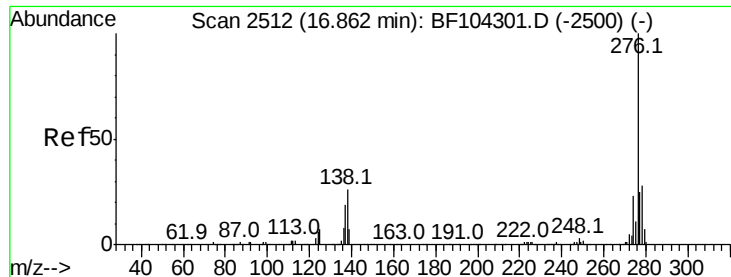


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

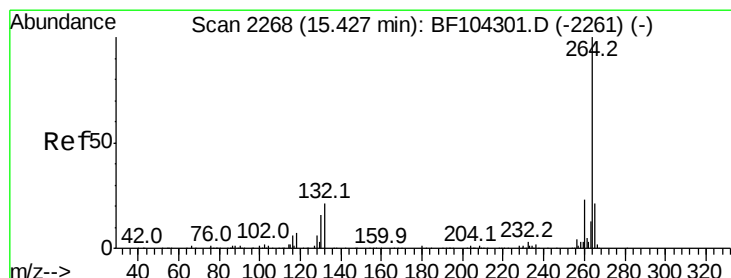
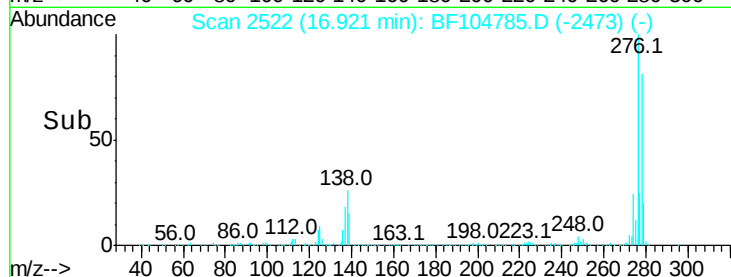
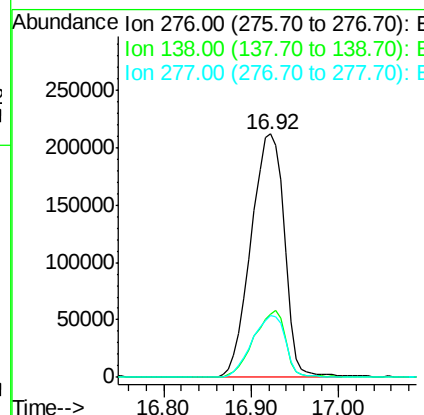
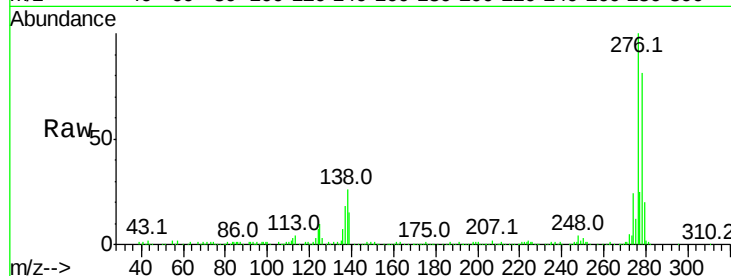




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.691 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

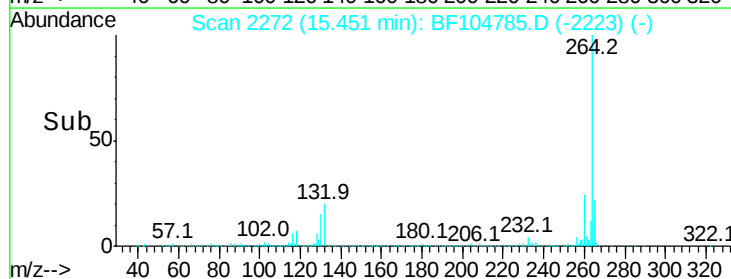
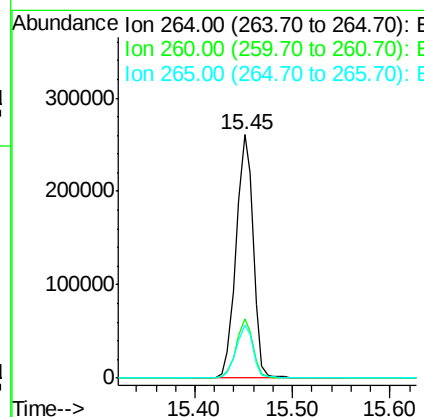
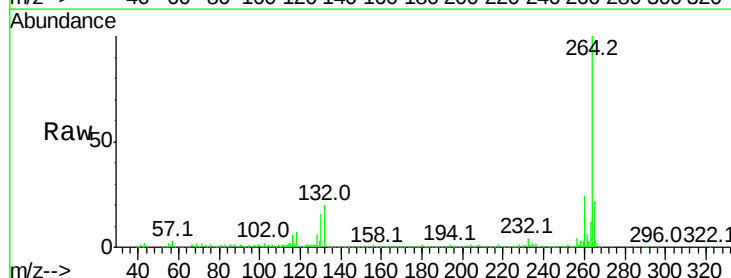
Instrument :
 BNA_F
 ClientSampleId :

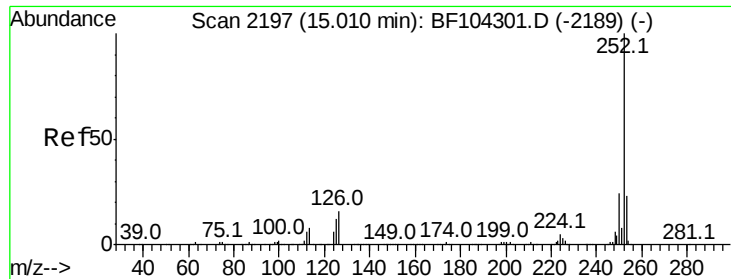
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.5	25.0	37.6
277	25.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.9	17.5	26.3

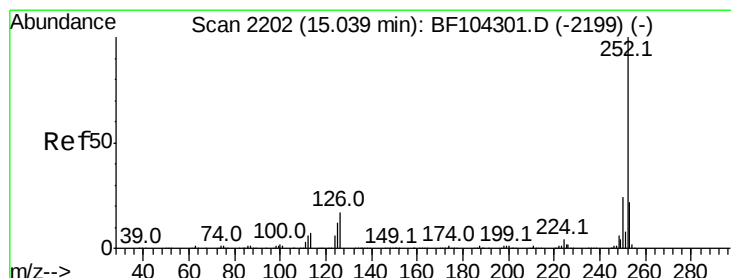
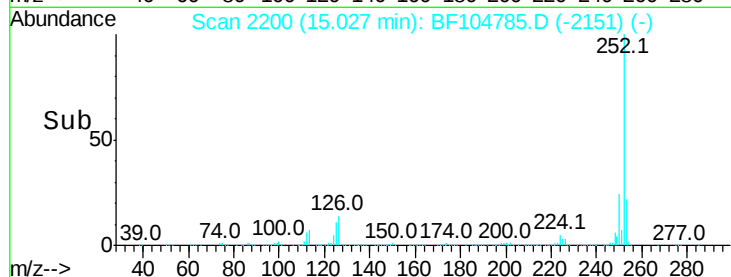
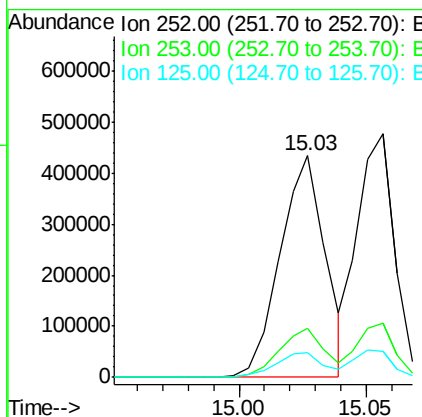
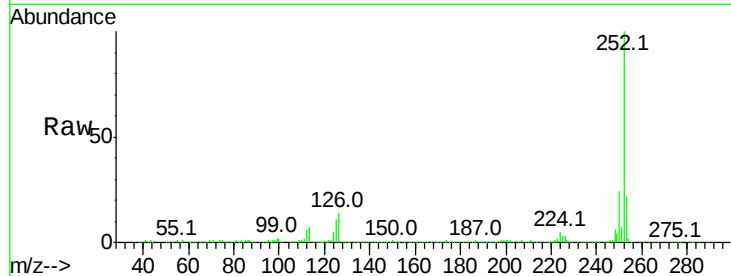




#87
Benzo(b)fluoranthene
Concen: 26.674 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

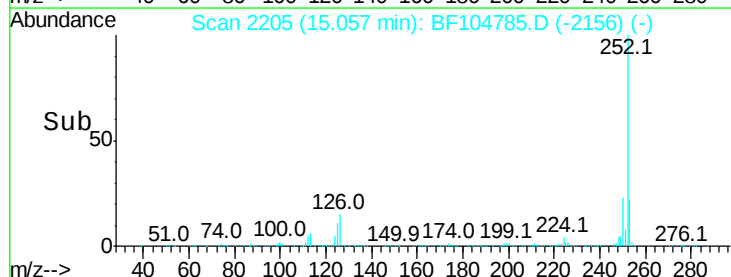
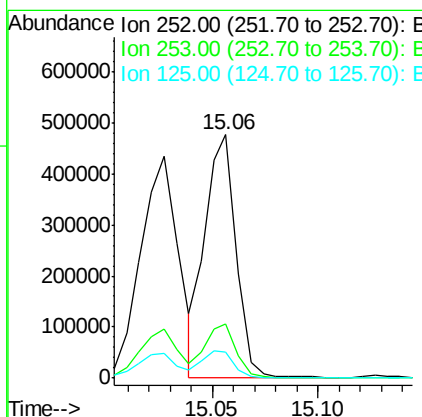
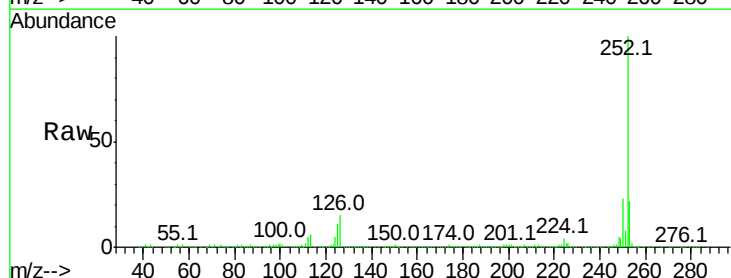
Instrument :
BNA_F
ClientSampleId :

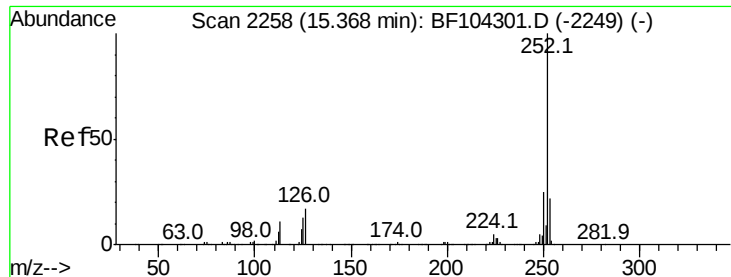
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	11.1	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 25.517 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	10.9	10.2	15.2





#89

Benzo(a)pyrene

Concen: 28.067 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BF104785.D

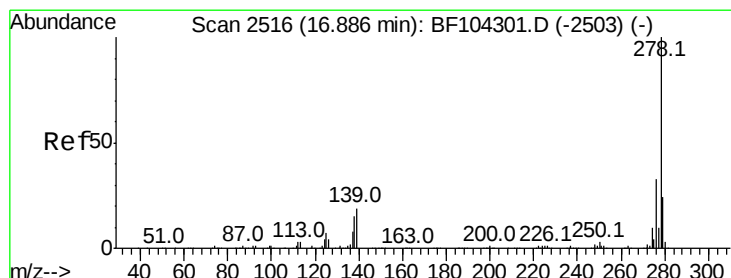
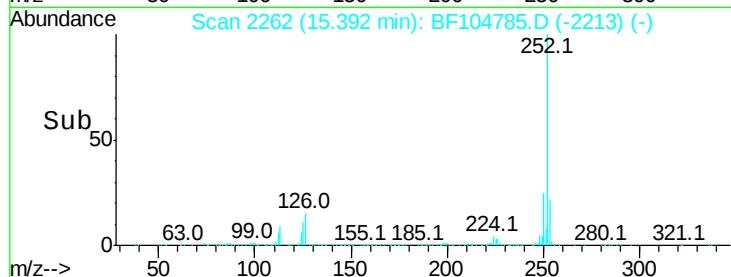
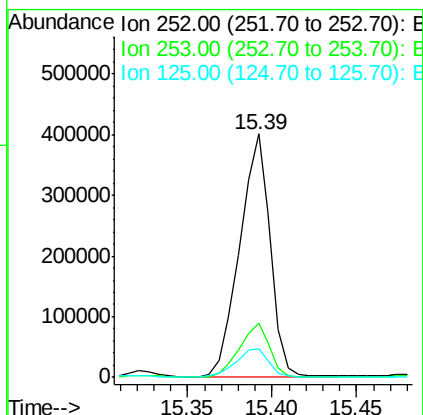
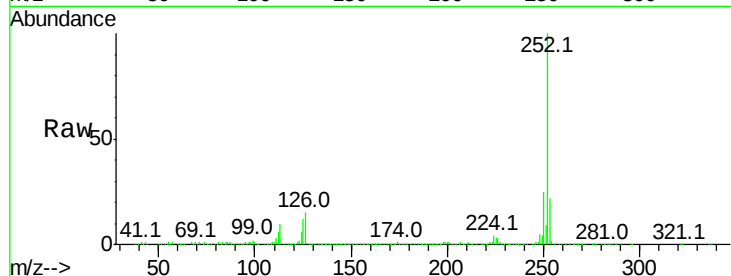
Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampled :

Tot Ion:	252	Resp:	506759
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	11.6	9.8	14.6



#90

Dibenzo(a,h)anthracene

Concen: 30.703 ng

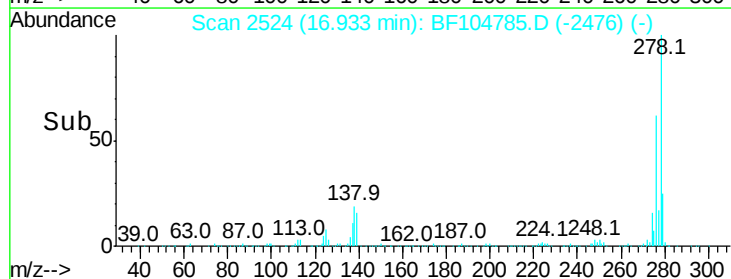
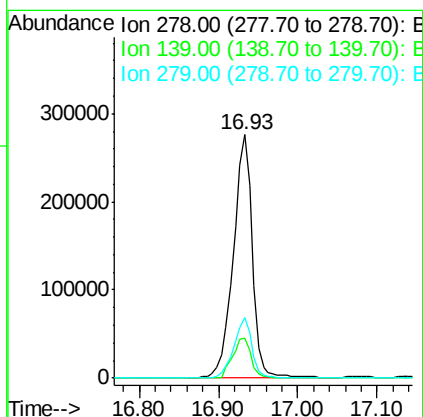
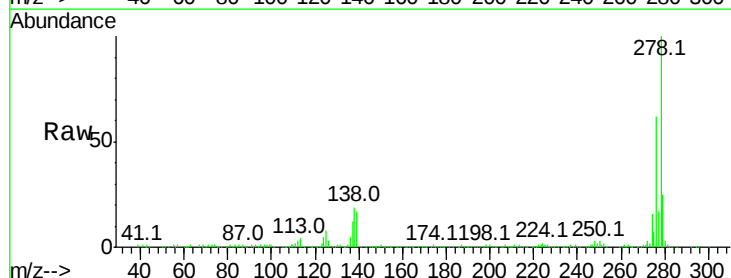
RT: 16.93 min Scan# 2524

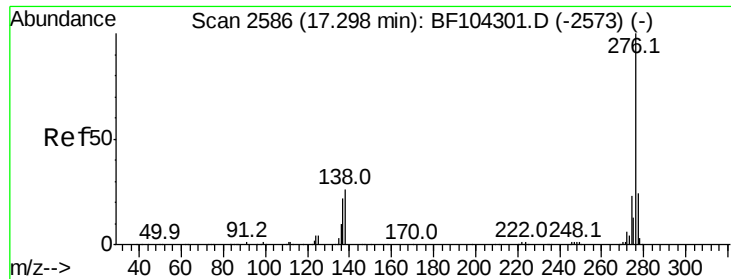
Delta R.T. -0.02 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Tgt Ion:	278	Resp:	455286
Ion	Ratio	Lower	Upper
278	100		
139	16.7	15.9	23.9
279	24.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 31.065 ng
 RT: 17.37 min Scan# 2598
 Delta R.T. -0.01 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	17.9	26.9
138	21.4	21.8	32.8

