

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104805.D
 Acq On : 25 Apr 2018 22:35
 Operator : JU/SJ
 Sample : PB108548BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 08:19:21 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	99087	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	405619	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	170796	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	246753	20.00	ng	0.00
75) Chrysene-d12	13.99	240	185915	20.00	ng	0.00
86) Perylene-d12	15.45	264	143971	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	726668	112.14	ng	0.02
7) Phenol-d6	6.45	99	873158	109.66	ng	0.00
23) Nitrobenzene-d5	7.37	82	546515	87.98	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	187833	106.02	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1007927	93.23	ng	0.00
78) Terphenyl-d14	12.92	244	700059	85.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	92141	30.515	ng	87
3) Pyridine	3.33	79	261158	30.762	ng	87
4) n-Nitrosodimethylamine	3.29	42	104847	35.330	ng	# 81
6) Aniline	6.46	93	159609	14.429	ng	# 1
8) 2-Chlorophenol	6.59	128	270776	39.589	ng	94
9) Benzaldehyde	6.35	77	112899	24.635	ng	95
10) Phenol	6.46	94	313605	37.121	ng	87
11) bis(2-Chloroethyl)ether	6.54	93	244070	36.203	ng	93
12) 1,3-Dichlorobenzene	6.74	146	285880	36.894	ng	99
13) 1,4-Dichlorobenzene	6.82	146	290339	37.589	ng	99
14) 1,2-Dichlorobenzene	6.97	146	272523	38.073	ng	98
15) Benzyl Alcohol	6.95	79	221385	36.608	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	286584	31.654	ng	58
17) 2-Methylphenol	7.06	107	220926	37.159	ng	# 93
18) Hexachloroethane	7.31	117	78469	28.493	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	176849	33.990	ng	94
20) 3+4-Methylphenols	7.22	107	280621	38.057	ng	91
22) Acetophenone	7.21	105	365568	36.608	ng	99
24) Nitrobenzene	7.39	77	270803	39.486	ng	92
25) Isophorone	7.63	82	484040	36.849	ng	99
26) 2-Nitrophenol	7.70	139	139957	50.128	ng	95
27) 2,4-Dimethylphenol	7.75	122	236073	40.722	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	312861	38.955	ng	98
29) 2,4-Dichlorophenol	7.95	162	222677	40.257	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	232135	38.240	ng	97
31) Naphthalene	8.11	128	758916	37.574	ng	100
32) Benzoic acid	7.87	122	103348	22.343	ng	97
33) 4-Chloroaniline	8.16	127	83169	9.612	ng	95
34) Hexachlorobutadiene	8.22	225	127743	38.418	ng	99
35) Caprolactam	8.54	113	65325	33.854	ng	# 73
36) 4-Chloro-3-methylphenol	8.66	107	228659	38.552	ng	95
37) 2-Methylnaphthalene	8.80	142	496889	38.033	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	214638	43.901	ng	99
40) Hexachlorocyclopentadiene	8.95	237	17108	6.250	ng	98

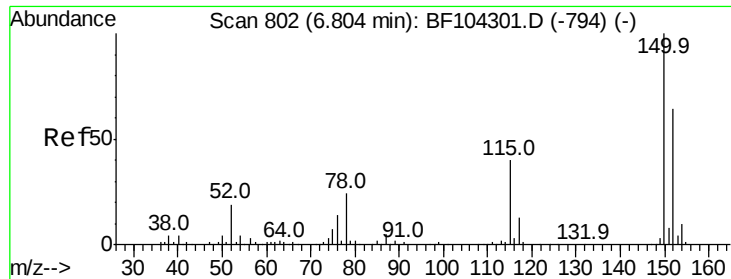
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104805.D
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Instrument :
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Quant Time: Apr 26 08:19:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS 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)
42) 2,4,6-Trichlorophenol	9.09	196	145329	42.820	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	149807	39.444	nq	92
45) 1,1'-Biphenyl	9.26	154	586259	40.860	nq	99
46) 2-Chloronaphthalene	9.29	162	455880	40.225	nq	100
47) 2-Nitroaniline	9.39	65	134147	47.864	nq	99
48) Acenaphthylene	9.71	152	656461	36.919	nq	100
49) Dimethylphthalate	9.56	163	553045	41.062	nq	99
50) 2,6-Dinitrotoluene	9.63	165	111215	44.625	nq	96
51) Acenaphthene	9.88	154	385111	35.497	nq	99
52) 3-Nitroaniline	9.80	138	70176	24.052	nq	97
53) 2,4-Dinitrophenol	9.92	184	18469	28.060	nq	# 19
54) Dibenzofuran	10.05	168	569884	37.693	nq	98
55) 4-Nitrophenol	9.98	139	146028	63.715	nq	98
56) 2,4-Dinitrotoluene	10.05	165	134087	41.017	nq	# 98
57) Fluorene	10.39	166	438694	39.864	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	103526	36.537	nq	95
59) Diethylphthalate	10.26	149	515638	38.441	nq	98
60) 4-Chlorophenyl-phenylether	10.38	204	212730	43.405	nq	98
61) 4-Nitroaniline	10.42	138	91867	32.203	nq	98
62) Azobenzene	10.55	77	431087	33.638	nq	94
64) 4,6-Dinitro-2-methylphenol	10.45	198	18804	20.599	nq	86
65) n-Nitrosodiphenylamine	10.50	169	397176	46.423	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	121310	46.219	nq	92
67) Hexachlorobenzene	10.95	284	125718	42.569	nq	# 88
68) Atrazine	11.03	200	120041	46.483	nq	99
69) Pentachlorophenol	11.15	266	87431	47.853	nq	97
70) Phenanthrene	11.36	178	536674	39.055	nq	99
71) Anthracene	11.41	178	550850	39.435	nq	99
72) Carbazole	11.57	167	486451	35.639	nq	100
73) Di-n-butylphthalate	11.89	149	673098	40.369	nq	99
74) Fluoranthene	12.55	202	496100	34.554	nq	97
76) Benzidine	12.67	184	350863	66.238	nq	98
77) Pyrene	12.78	202	496370	36.019	nq	100
79) Butylbenzylphthalate	13.39	149	233373	35.946	nq	99
80) Benzo(a)anthracene	13.97	228	470147	42.330	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	162741	39.298	nq	98
82) Chrysene	14.01	228	441979	38.742	nq	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	327087	39.169	nq	99
84) Di-n-octyl phthalate	14.57	149	571366	40.949	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.92	276	301534	31.114	nq	95
87) Benzo(b)fluoranthene	15.03	252	392404	43.155	nq	99
88) Benzo(k)fluoranthene	15.03	252	392404	45.710	nq	97
89) Benzo(a)pyrene	15.39	252	332786	40.903	nq	100
90) Dibenzo(a,h)anthracene	16.93	278	261685	39.162	nq	96
91) Benzo(g,h,i)perylene	17.36	276	245240	37.882	nq	94

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

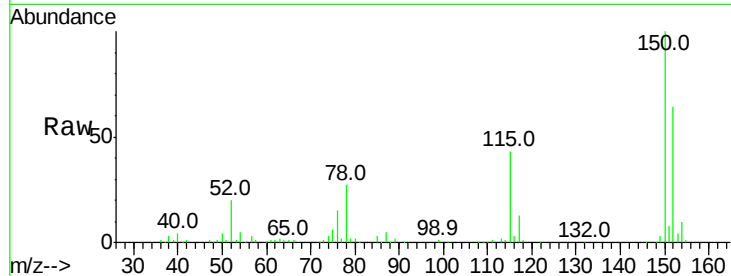


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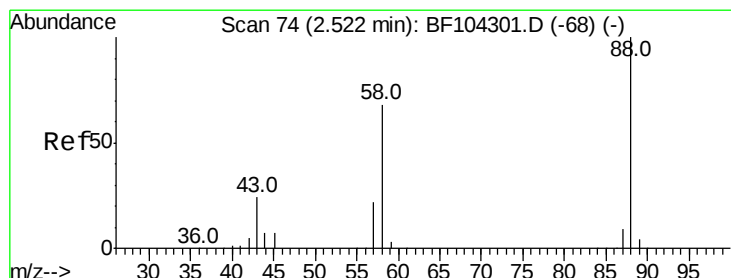
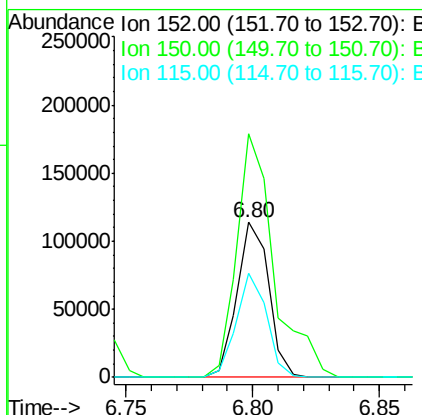
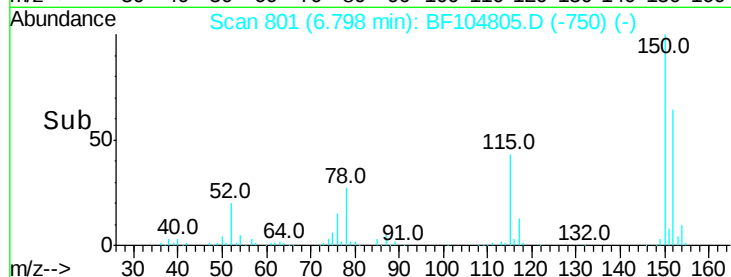
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 99087
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 66.9 50.1 75.1



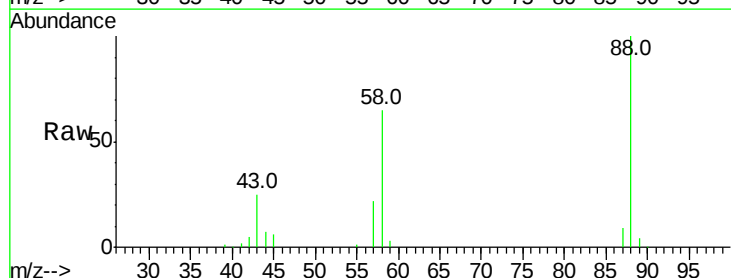
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



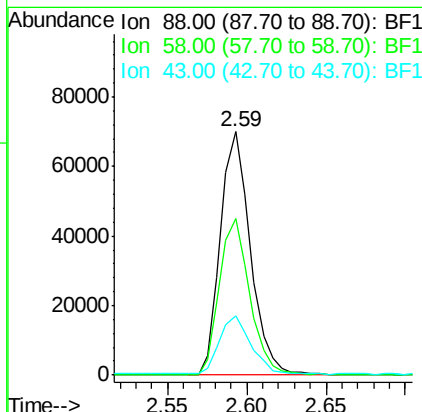
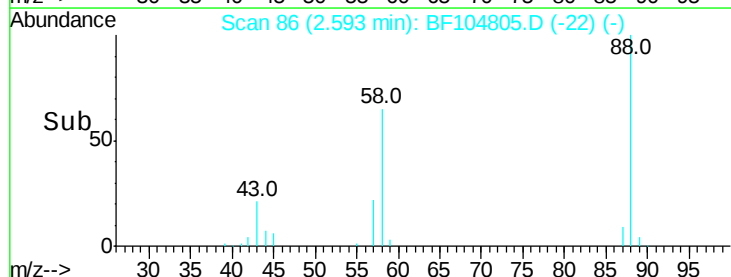
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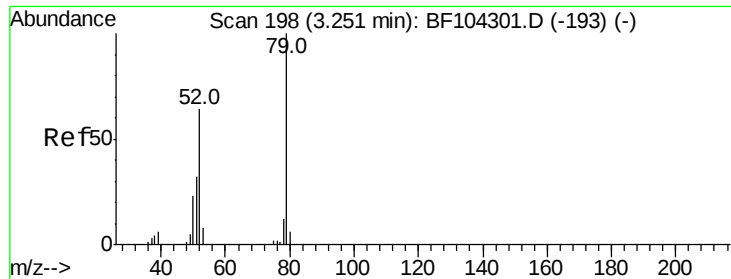
1,4-Dioxane
Concen: 30.515 ng
RT: 2.59 min Scan# 86
Delta R.T. 0.08 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion: 88 Resp: 92141
Ion Ratio Lower Upper
88 100
58 65.3 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: 30.762 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.08 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

ClientSampleId :

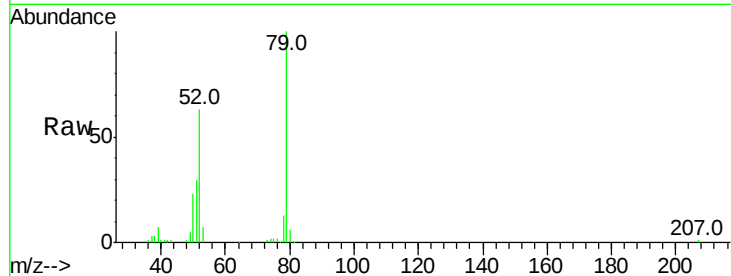
Tot Ion: 79 Resp: 261158

Ion Ratio Lower Upper

79 100

52 62.9 59.8 89.6

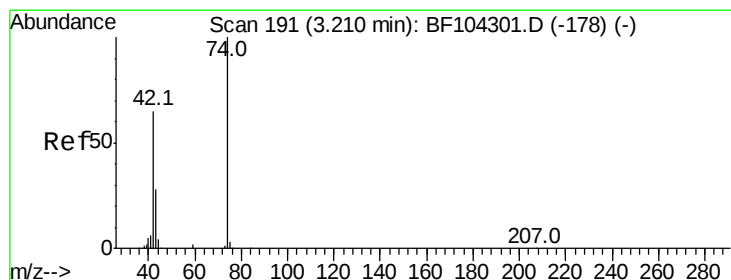
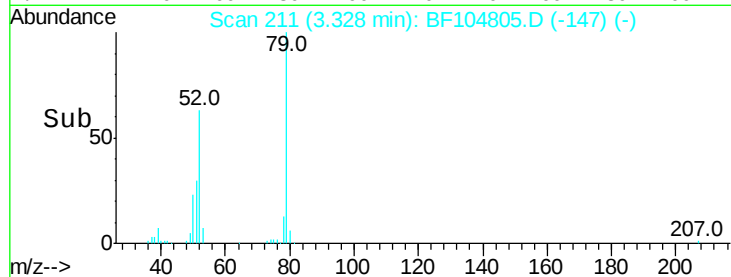
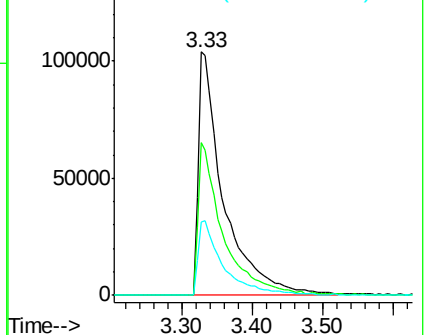
51 30.1 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.330 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.07 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

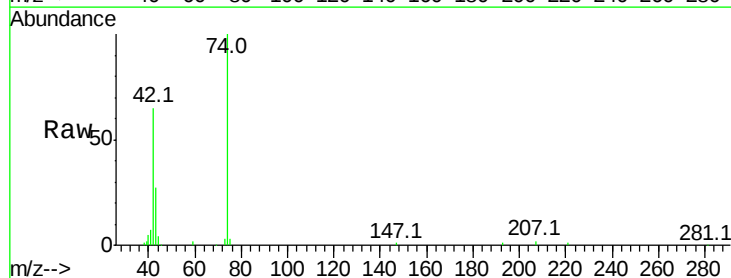
Tgt Ion: 42 Resp: 104847

Ion Ratio Lower Upper

42 100

74 154.1 104.9 157.3

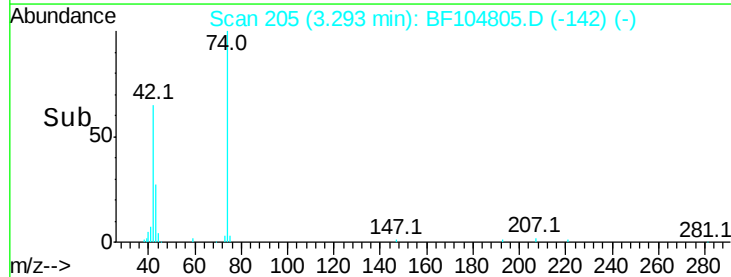
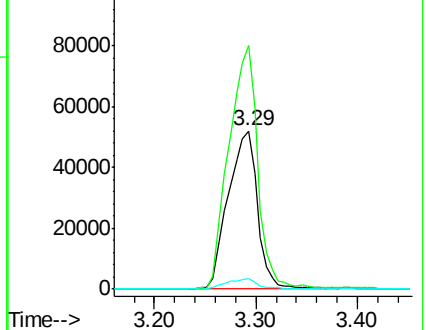
44 6.5 6.9 10.3#

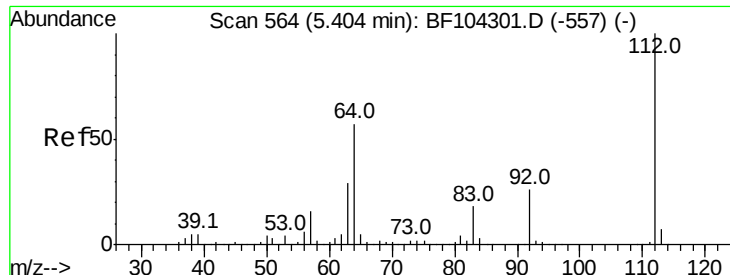


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 112.135 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

ClientSampled :

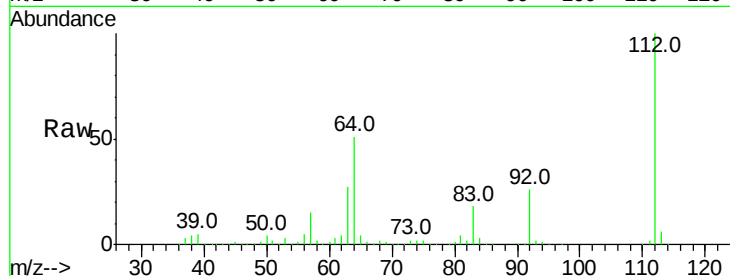
Tot Ion:112 Resp: 726668

Ion Ratio Lower Upper

112 100

64 51.2 47.9 71.9

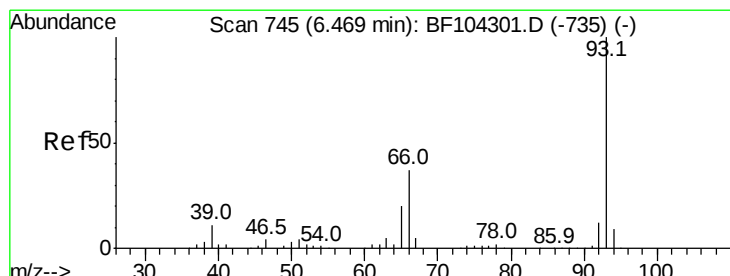
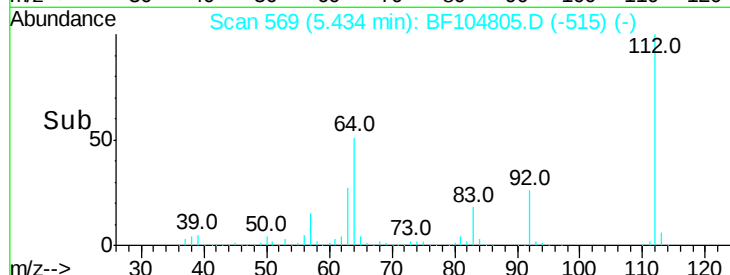
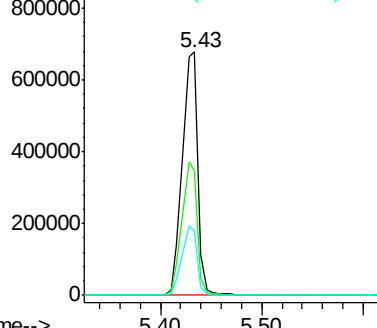
63 26.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 14.429 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

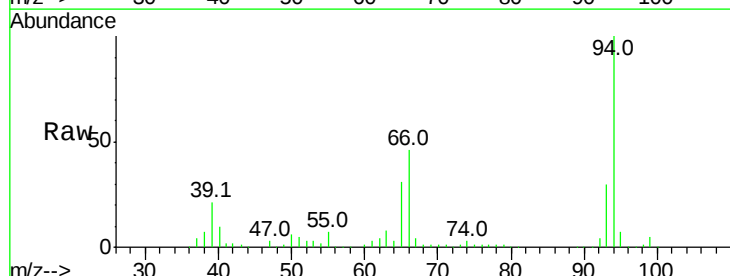
Tgt Ion: 93 Resp: 159609

Ion Ratio Lower Upper

93 100

66 152.6 32.2 48.2#

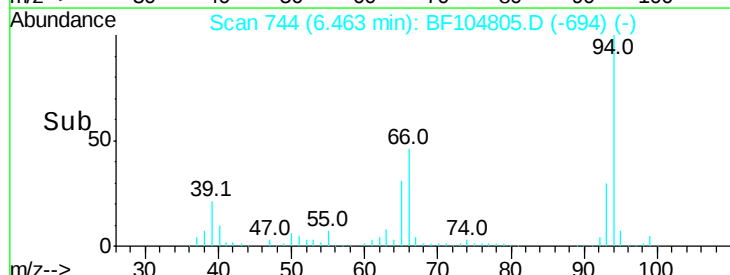
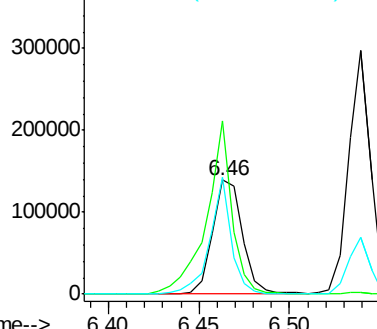
65 102.9 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.664 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

ClientSampled :

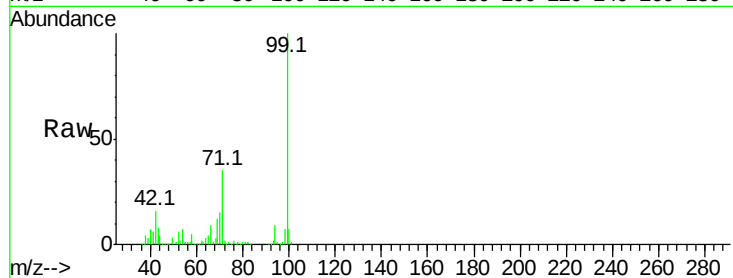
Tot Ion: 99 Resp: 873158

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

71 34.6 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

1000000

800000

600000

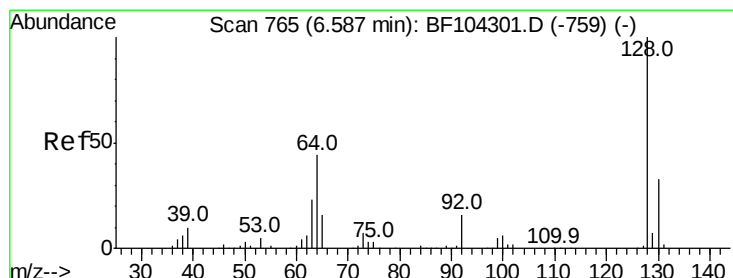
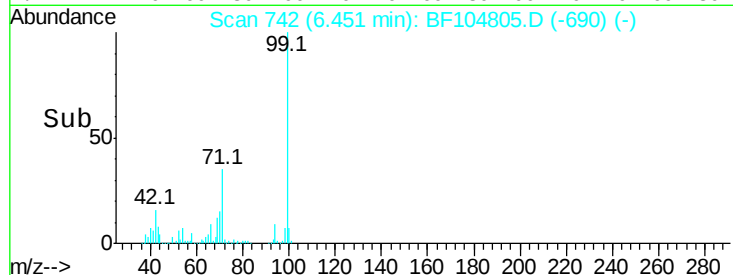
400000

200000

0

6.35 6.40 6.45 6.50 6.55

Time-->



#8

2-Chlorophenol

Concen: 39.589 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

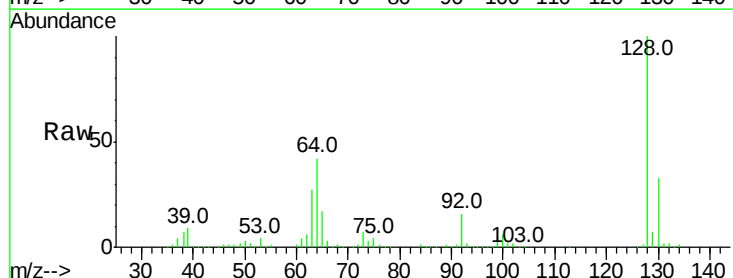
Tgt Ion:128 Resp: 270776

Ion Ratio Lower Upper

128 100

130 33.2 13.0 53.0

64 42.4 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

400000

300000

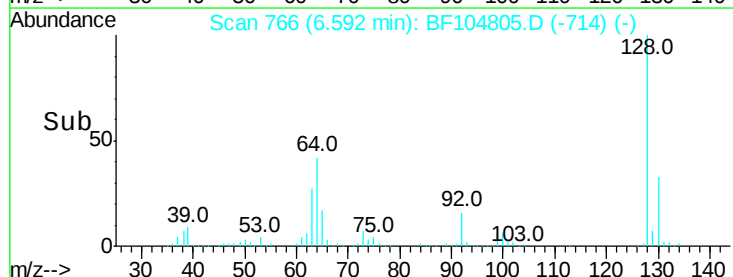
200000

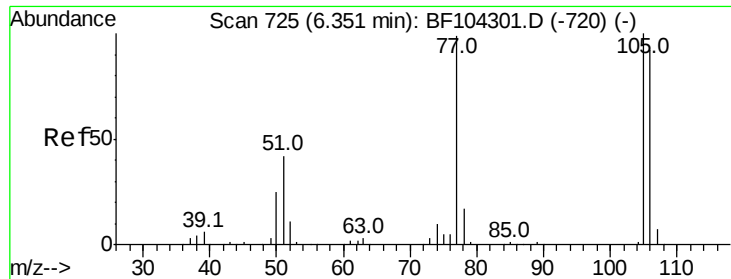
100000

0

6.55 6.60 6.65

Time-->

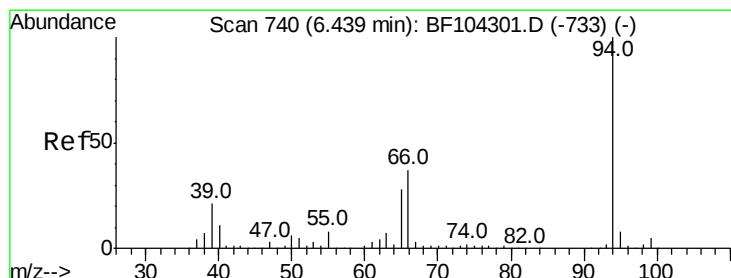
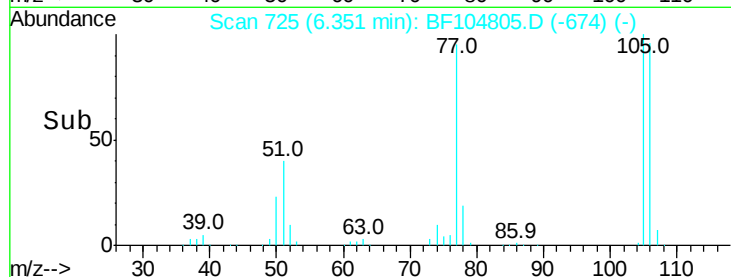
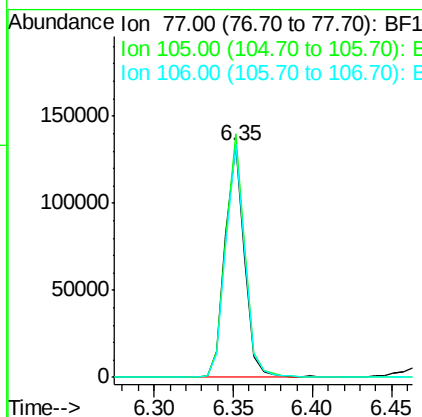
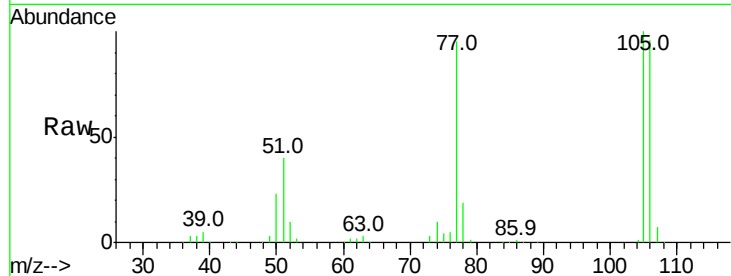




#9
Benzaldehyde
Concen: 24.635 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

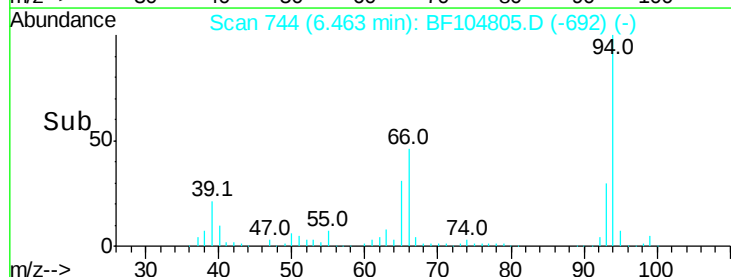
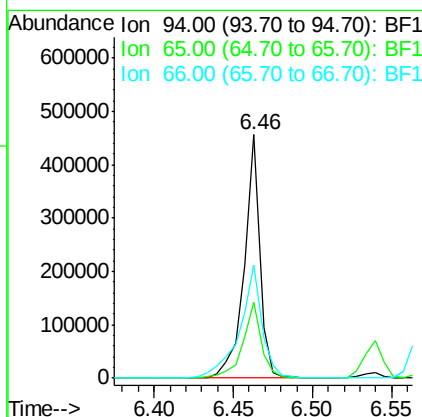
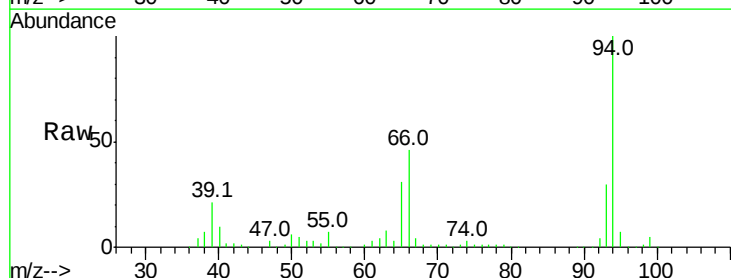
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 112899
Ion Ratio Lower Upper
77 100
105 104.9 81.1 121.1
106 100.6 74.5 114.5



#10
Phenol
Concen: 37.121 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion: 94 Resp: 313605
Ion Ratio Lower Upper
94 100
65 31.3 7.9 47.9
66 46.5 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 36.203 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

ClientSampleId :

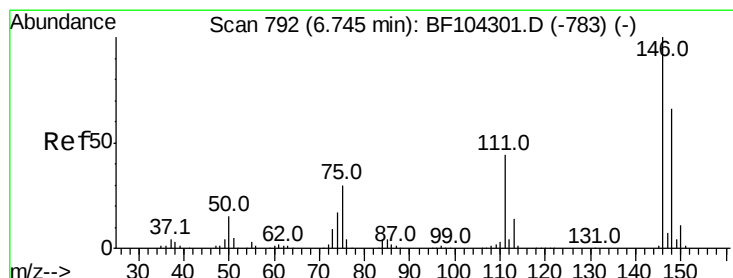
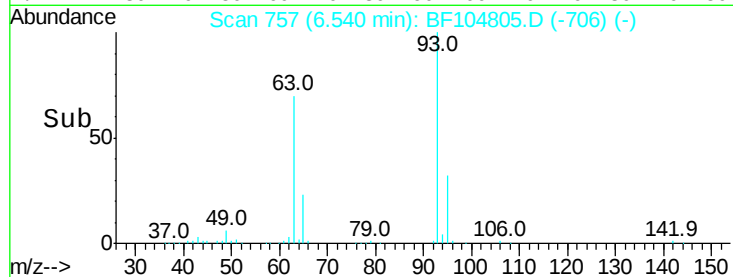
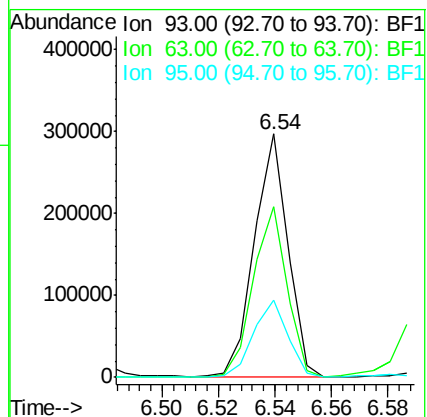
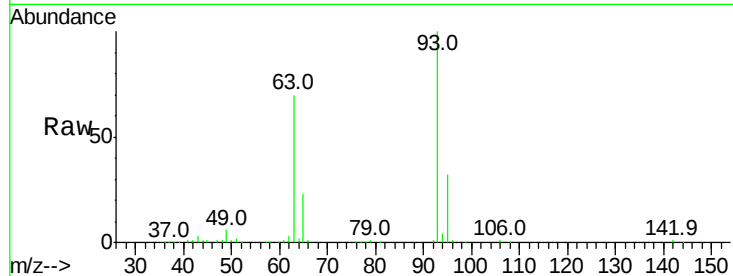
Tot Ion: 93 Resp: 244070

Ion Ratio Lower Upper

93 100

63 70.3 58.6 98.6

95 31.9 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 36.894 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

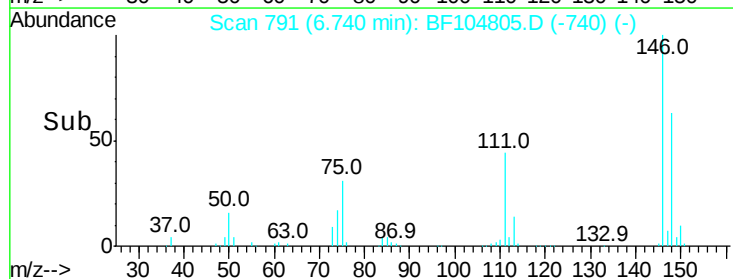
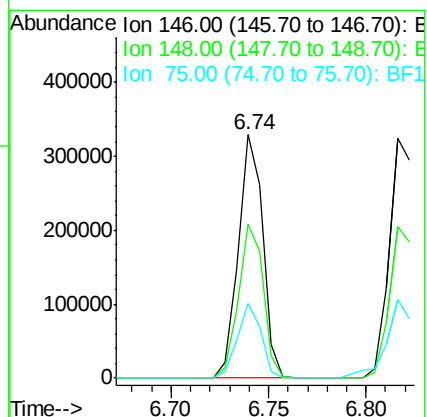
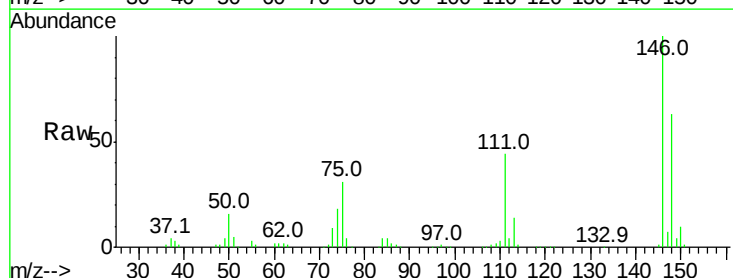
Tgt Ion: 146 Resp: 285880

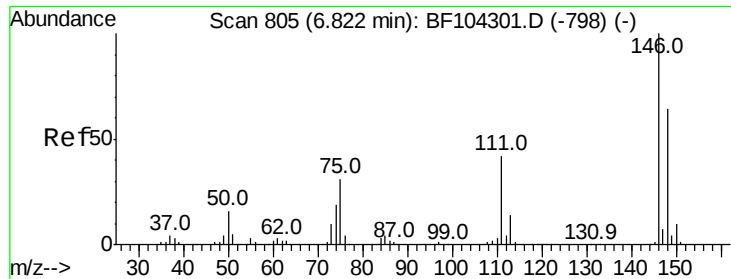
Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.8

75 30.6 24.2 36.4

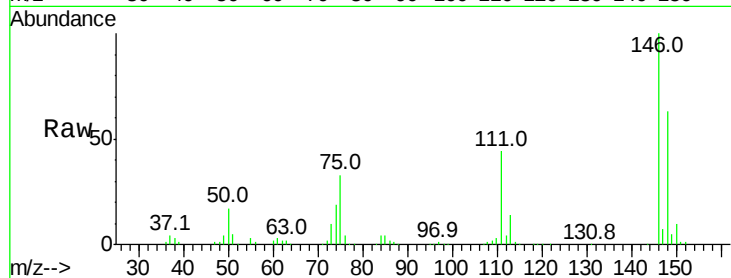




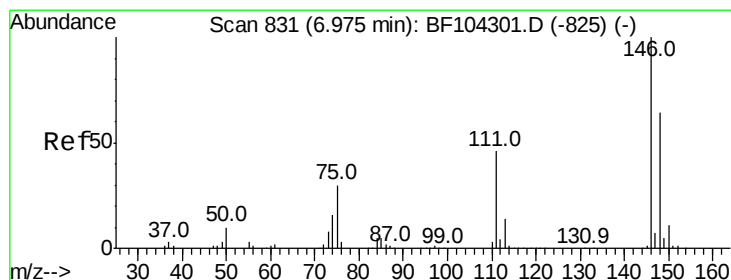
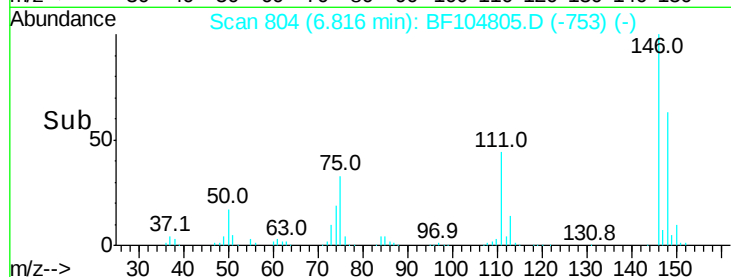
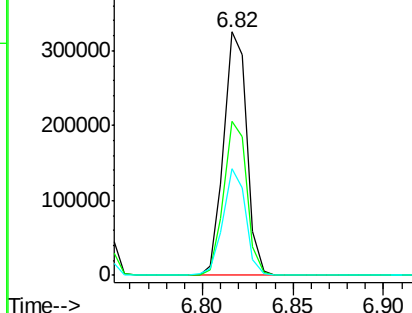
#13
 1,4-Dichlorobenzene
 Concen: 37.589 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 290339
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.8 76.2
 111 43.6 34.2 51.2

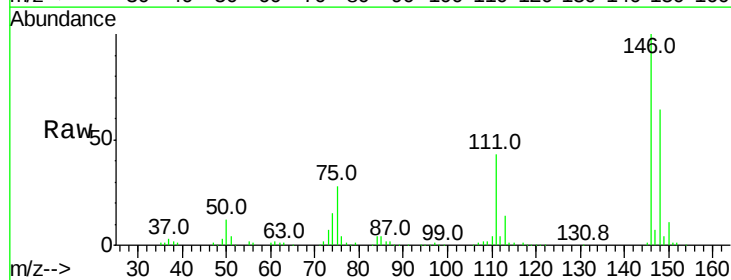


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

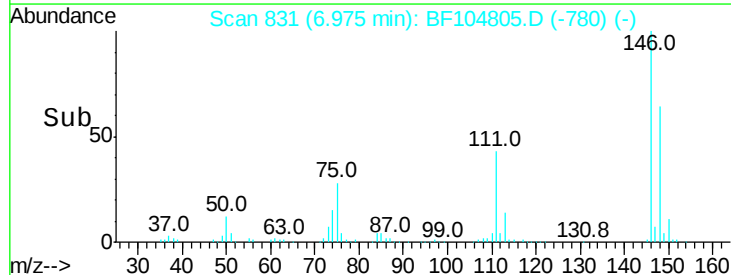
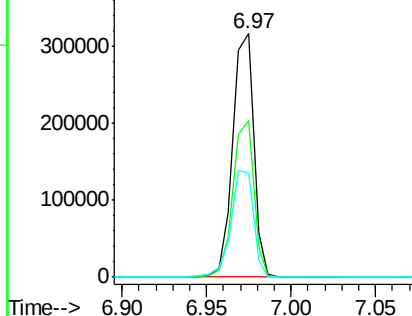


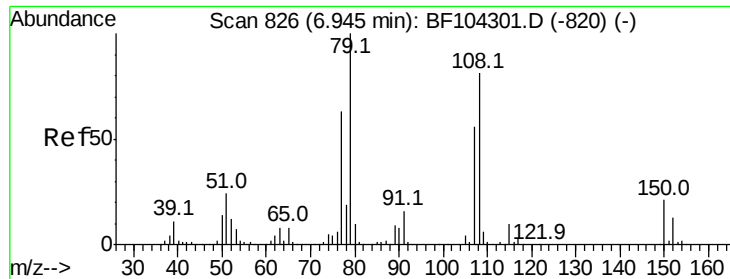
#14
 1,2-Dichlorobenzene
 Concen: 38.073 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tgt Ion:146 Resp: 272523
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 75.8
 111 42.8 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

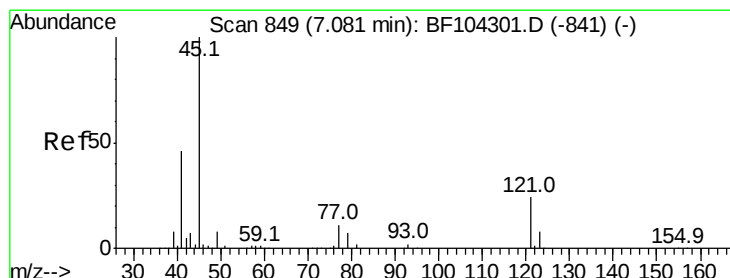
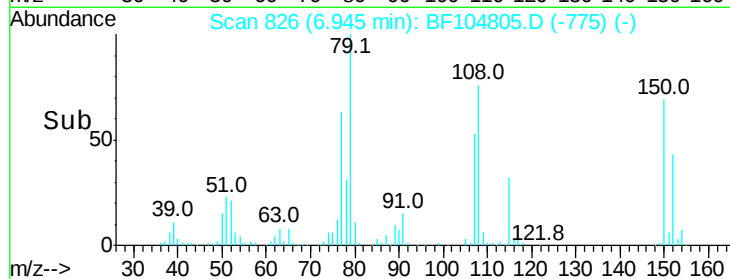
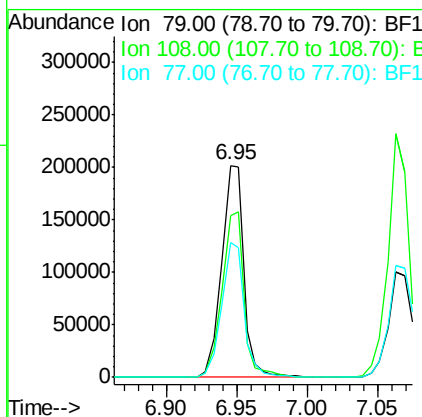
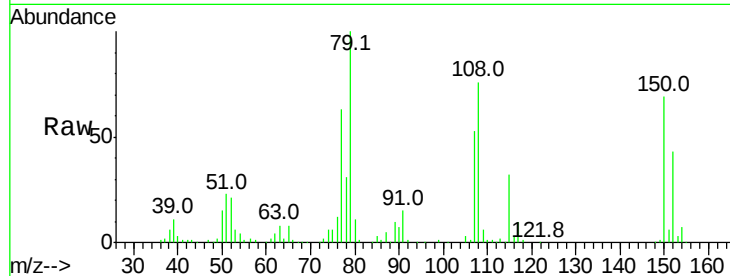




#15
Benzyl Alcohol
Concen: 36.608 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

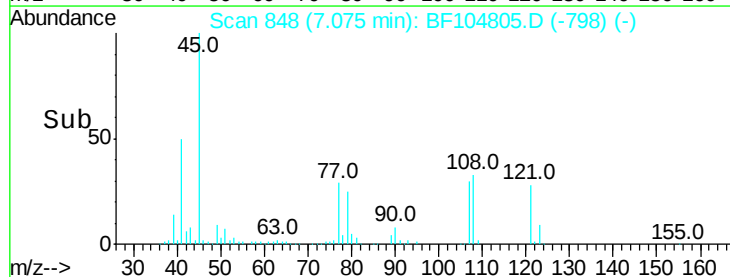
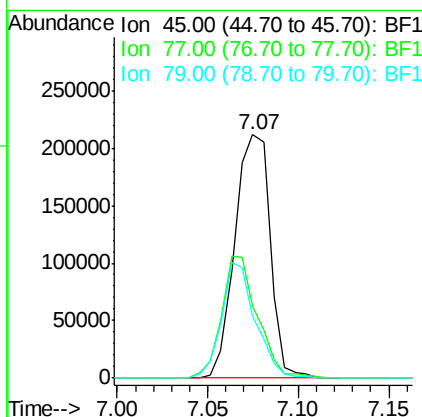
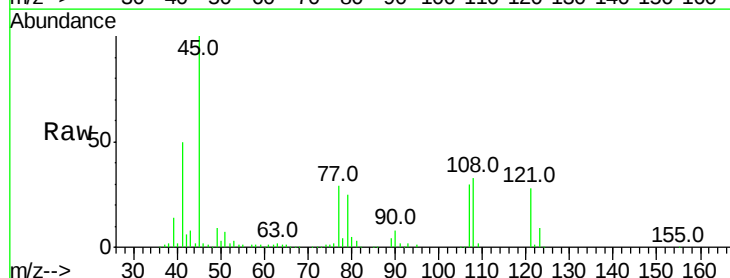
Instrument :
BNA_F
ClientSampleId :

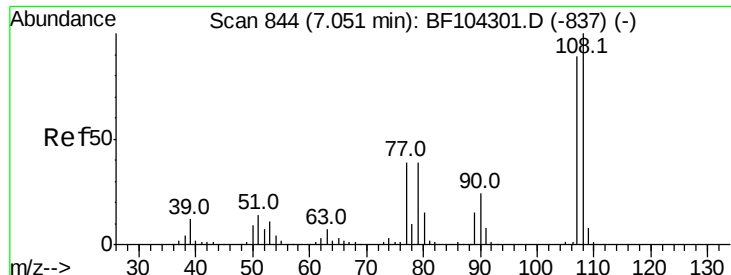
Tot Ion: 79 Resp: 221385
Ion Ratio Lower Upper
79 100
108 76.2 65.1 97.7
77 63.4 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.654 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion: 45 Resp: 286584
Ion Ratio Lower Upper
45 100
77 29.5 0.0 32.9
79 25.2 0.0 29.6

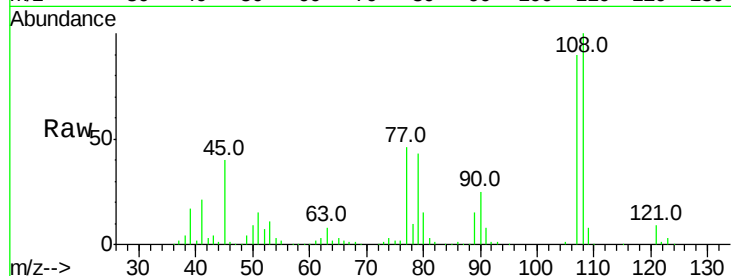




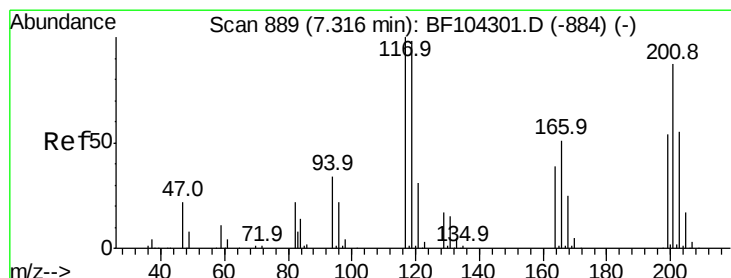
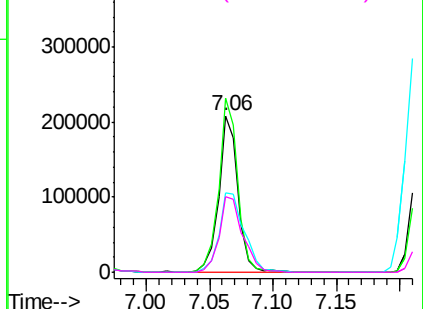
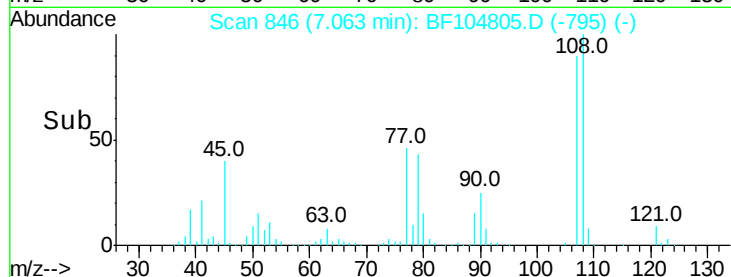
#17
2-Methylphenol
Concen: 37.159 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 220926
Ion Ratio Lower Upper
107 100
108 111.6 91.7 137.5
77 51.1 33.8 50.8#
79 48.4 33.8 50.8

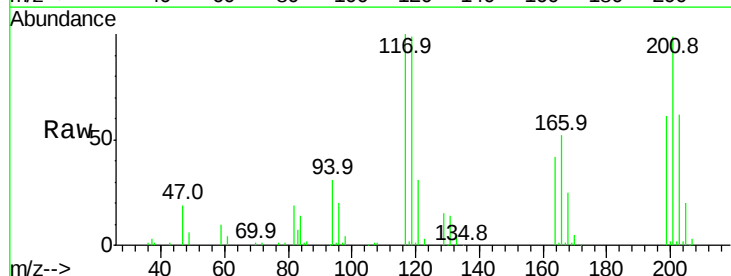


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

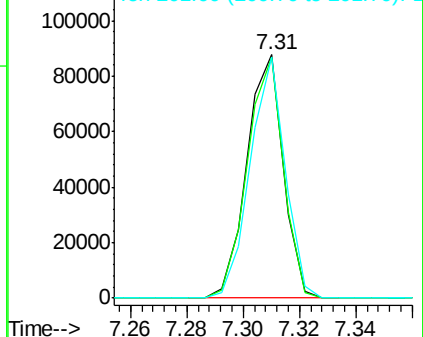
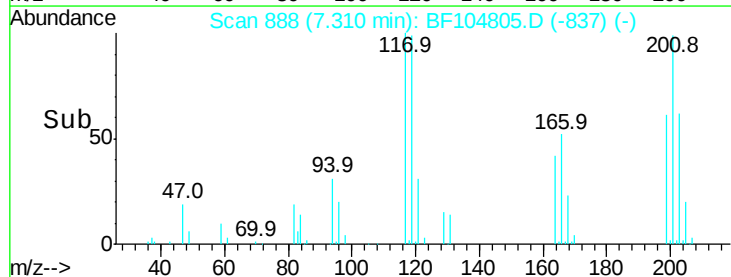


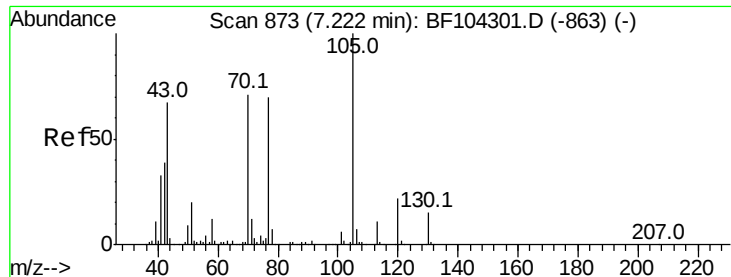
#18
Hexachloroethane
Concen: 28.493 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion:117 Resp: 78469
Ion Ratio Lower Upper
117 100
119 99.2 75.8 113.8
201 98.8 75.7 113.5



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

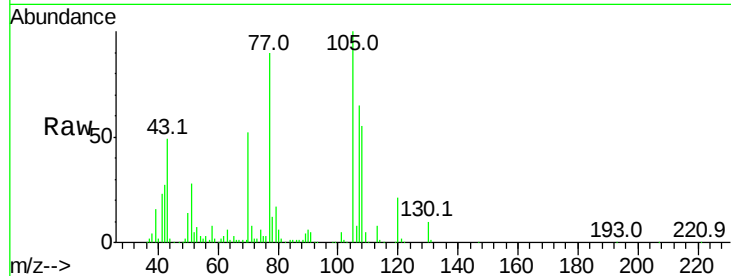




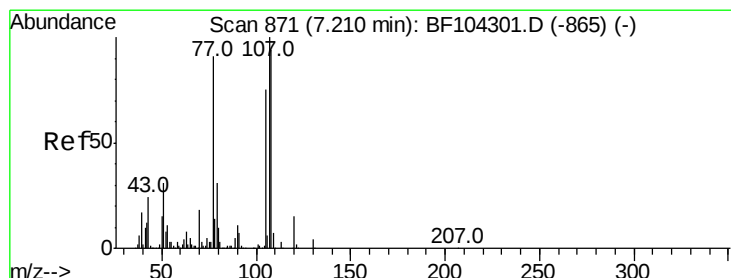
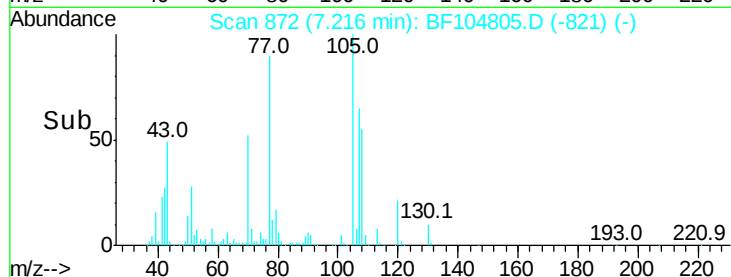
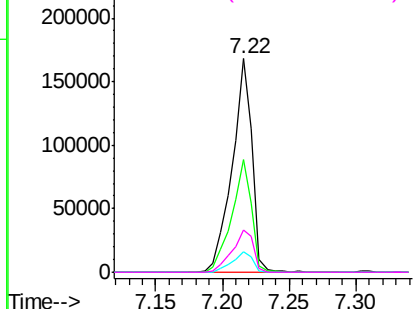
#19
n-Nitroso-di-n-propylamine
Concen: 33.990 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 176849
Ion Ratio Lower Upper
70 100
42 52.7 47.5 71.3
101 9.5 7.4 11.2
130 20.0 16.6 25.0

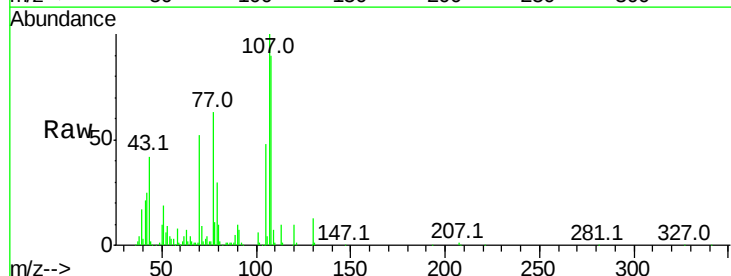


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

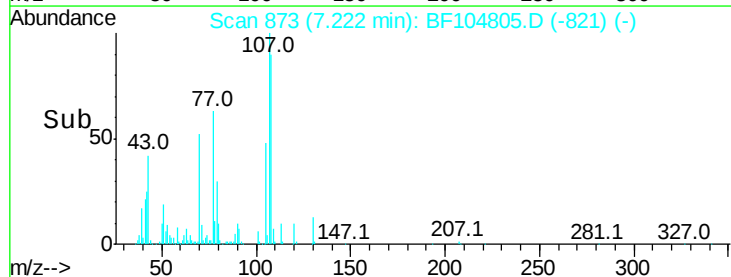
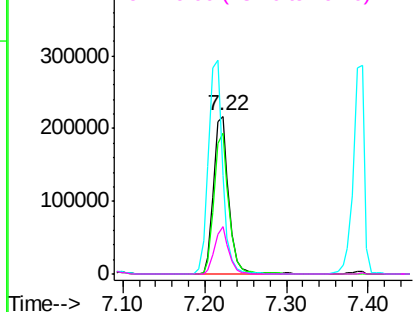


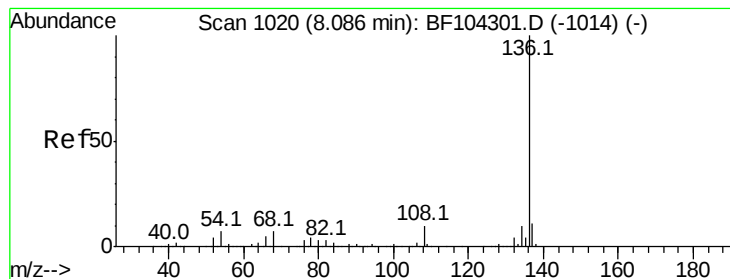
#20
3+4-Methylphenols
Concen: 38.057 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion: 107 Resp: 280621
Ion Ratio Lower Upper
107 100
108 89.7 68.2 108.2
77 62.8 26.7 66.7
79 30.0 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: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 405619

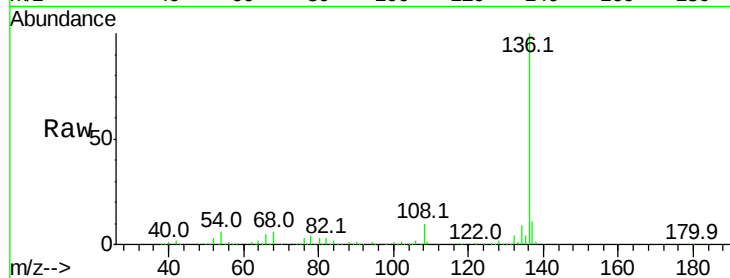
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.1 6.6 9.8#

68 5.6 5.0 7.4

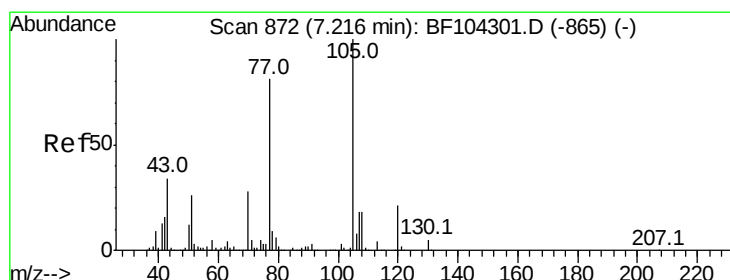
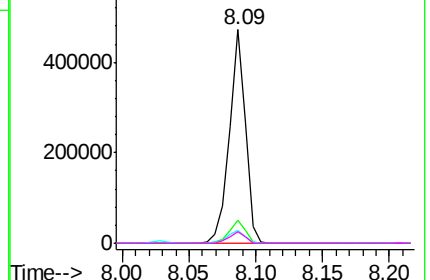
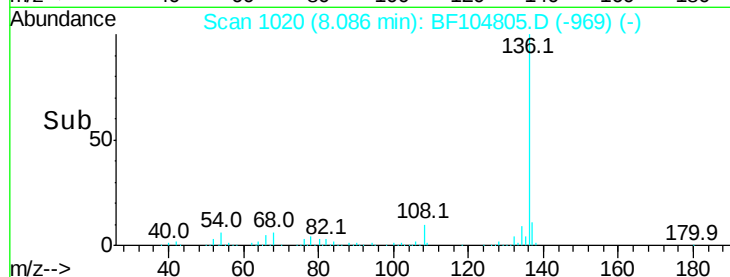


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.608 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Tgt Ion:105 Resp: 365568

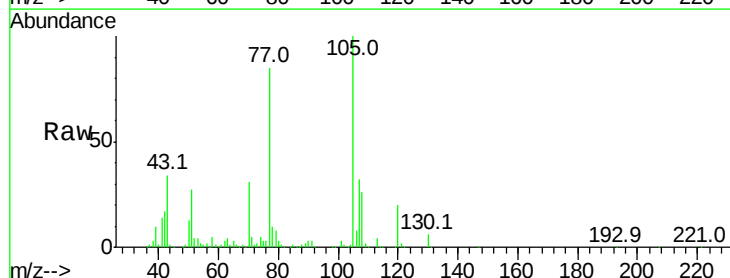
Ion Ratio Lower Upper

105 100

71 5.2 4.4 6.6

51 27.2 22.3 33.5

120 20.3 16.9 25.3

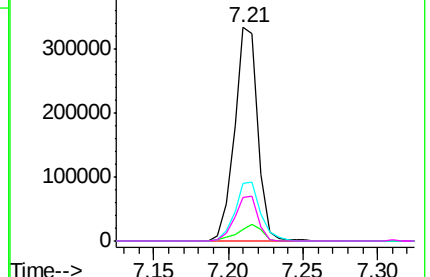
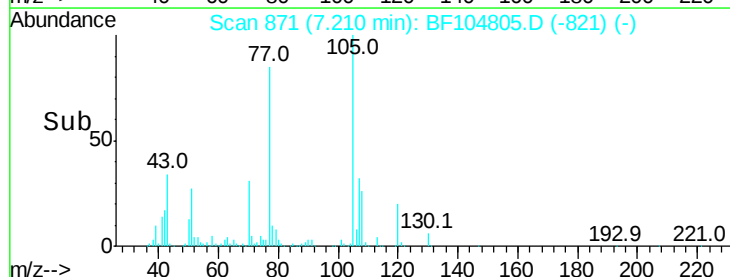


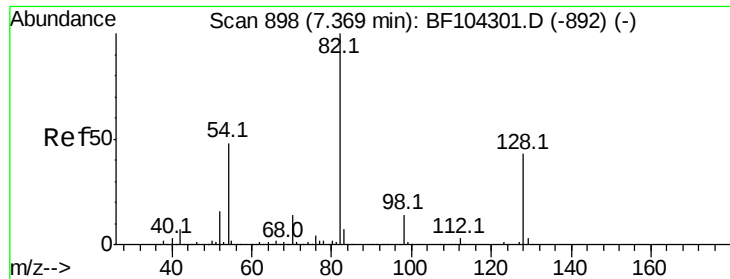
Abundance Ion 105.00 (104.70 to 105.70): E

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

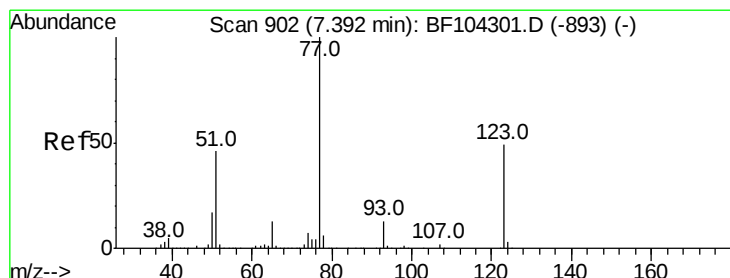
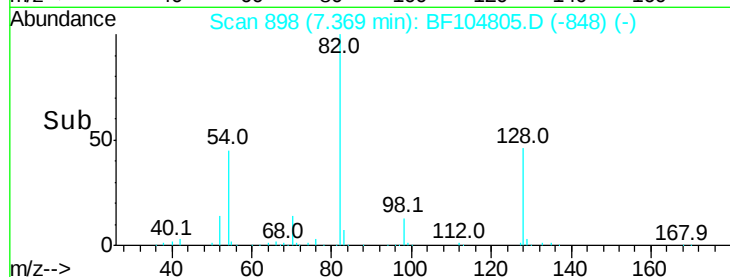
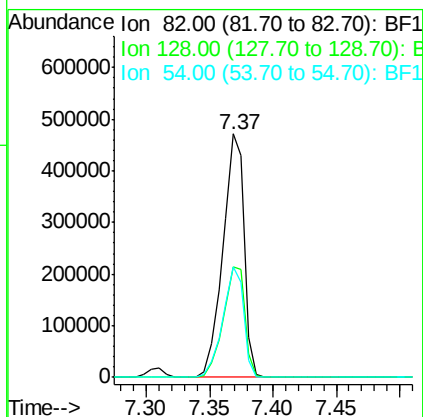
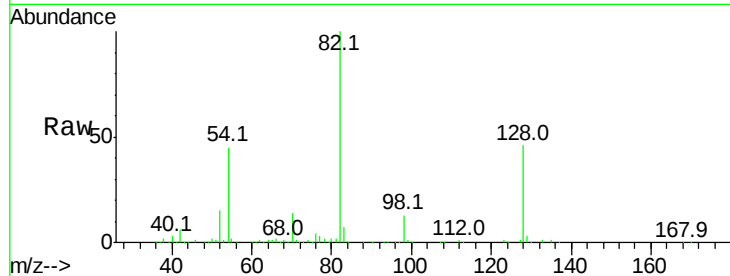




#23
 Nitrobenzene-d5
 Concen: 87.980 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

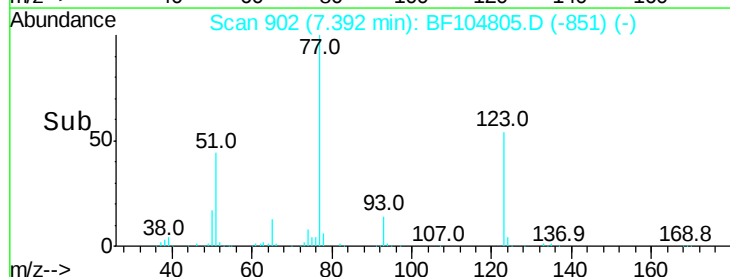
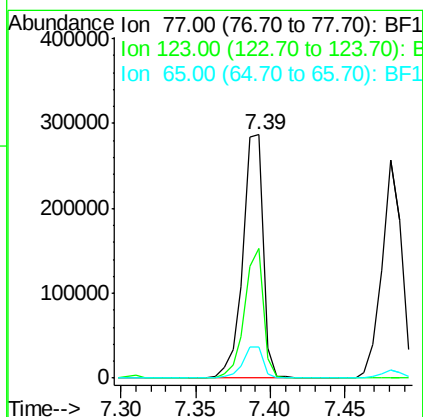
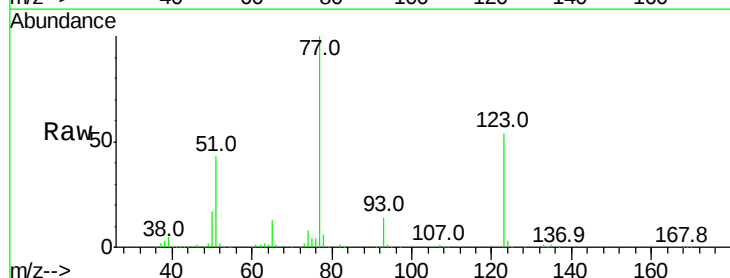
Instrument :
 BNA_F
 ClientSampleId :

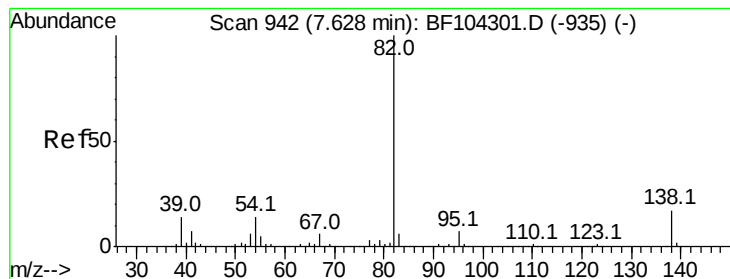
Tot Ion: 82 Resp: 546515
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.1 54.1
 54 45.3 41.4 62.2



#24
 Nitrobenzene
 Concen: 39.486 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tgt Ion: 77 Resp: 270803
 Ion Ratio Lower Upper
 77 100
 123 53.5 37.9 56.9
 65 12.8 11.0 16.4





#25

Isophorone

Concen: 36.849 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

ClientSampleId :

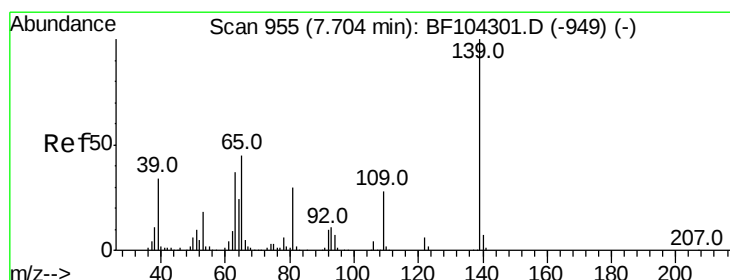
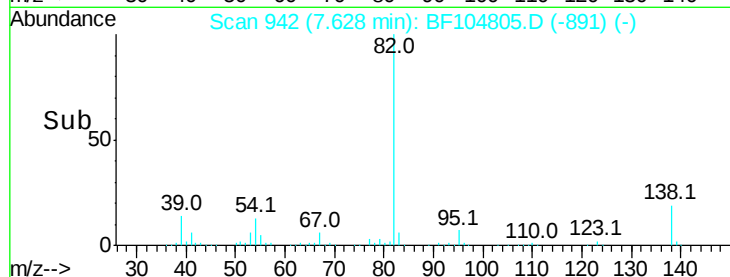
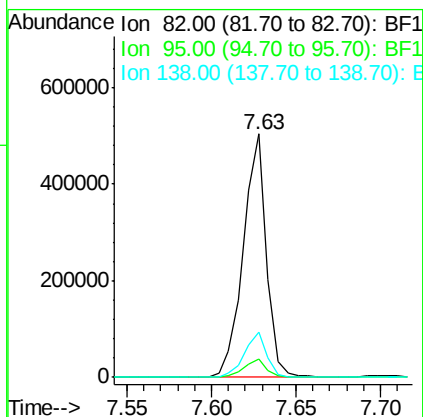
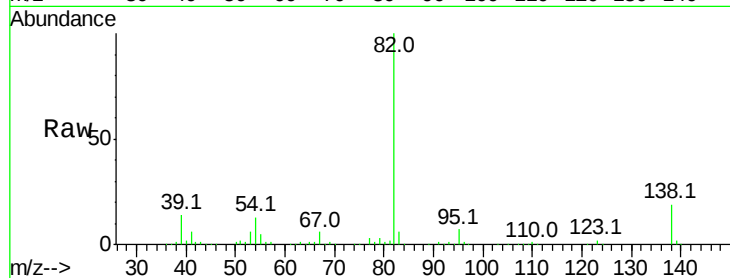
Tot Ion: 82 Resp: 484040

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 18.7 14.9 22.3



#26

2-Nitrophenol

Concen: 50.128 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

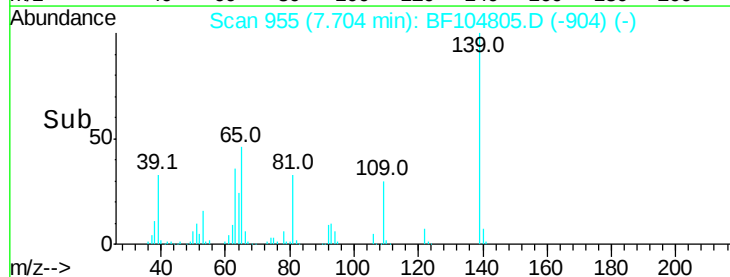
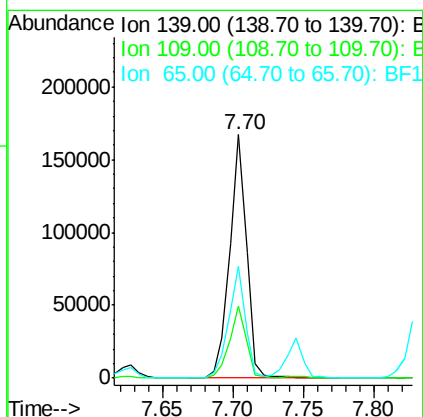
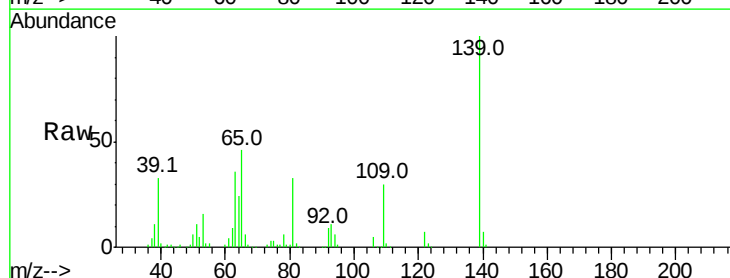
Tgt Ion: 139 Resp: 139957

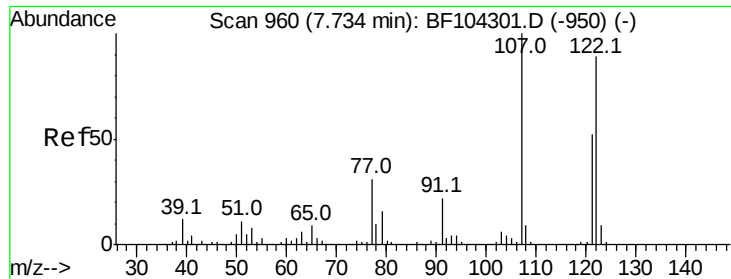
Ion Ratio Lower Upper

139 100

109 29.5 22.7 34.1

65 46.0 40.5 60.7

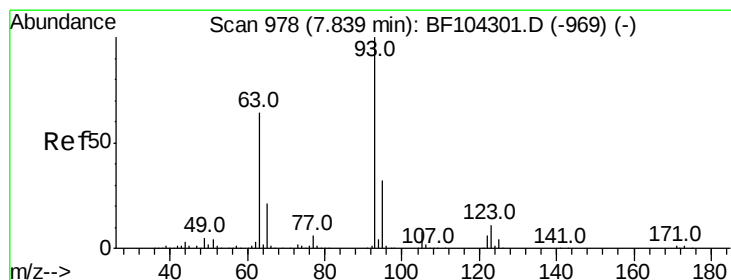
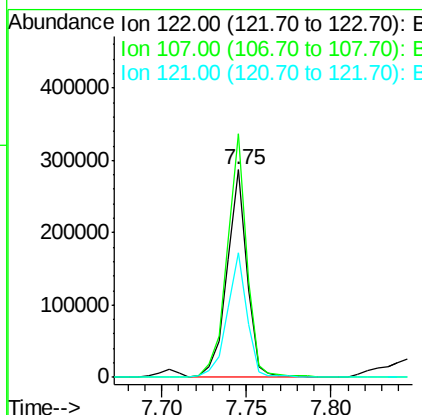
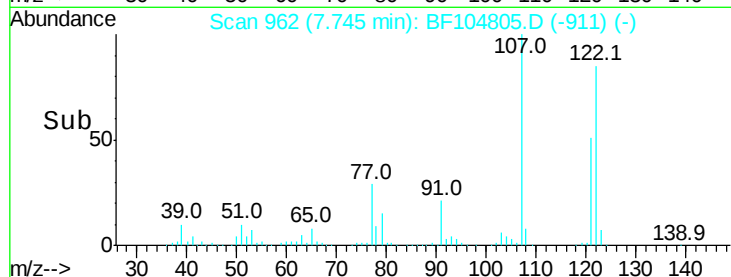
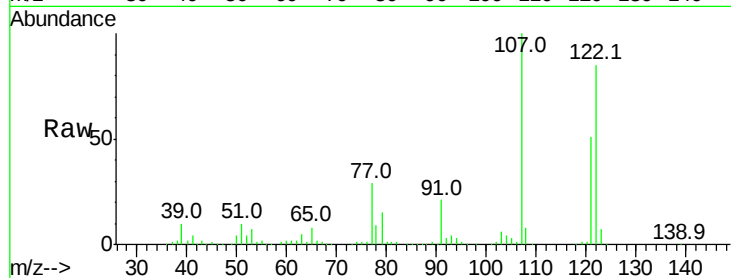




#27
 2,4-Dimethylphenol
 Concen: 40.722 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

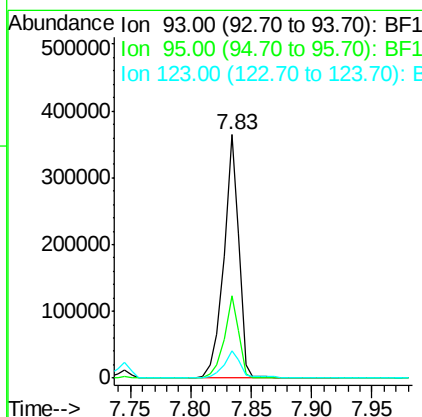
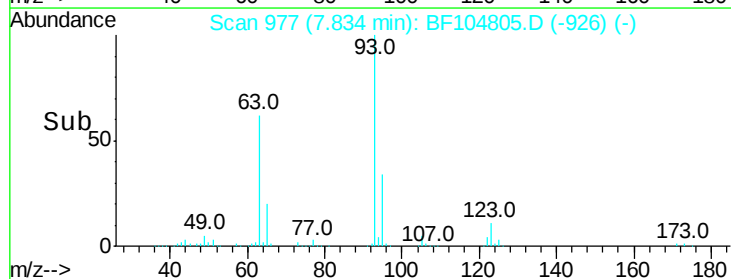
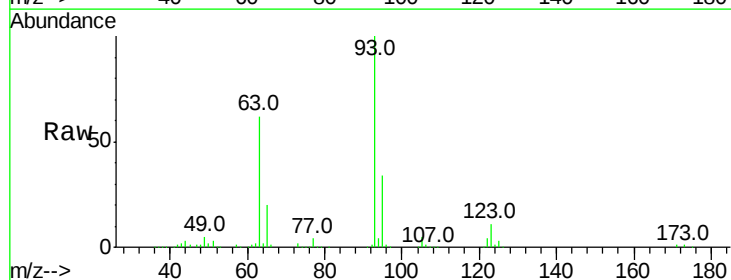
Instrument :
 BNA_F
 ClientSampleId :

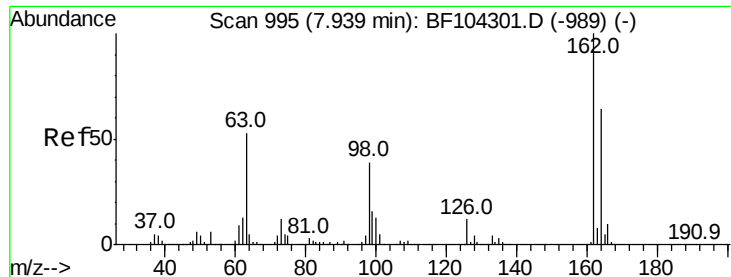
Tot Ion:122 Resp: 236073
 Ion Ratio Lower Upper
 122 100
 107 117.4 91.2 136.8
 121 59.8 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.955 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tgt Ion: 93 Resp: 312861
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.3 39.5
 123 11.0 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 40.257 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF104805.D

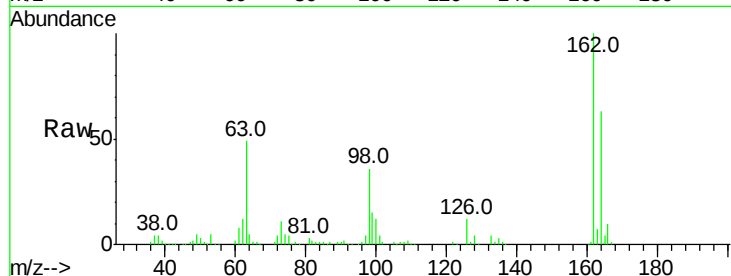
Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

ClientSampleId :

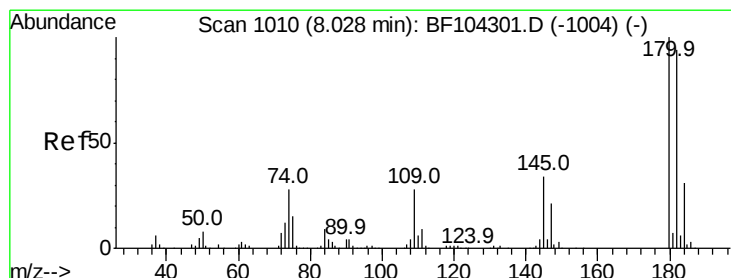
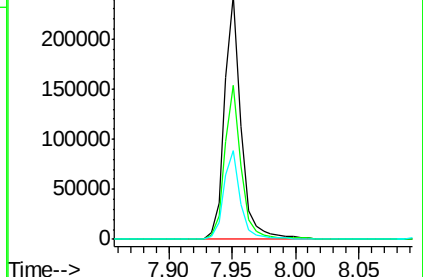
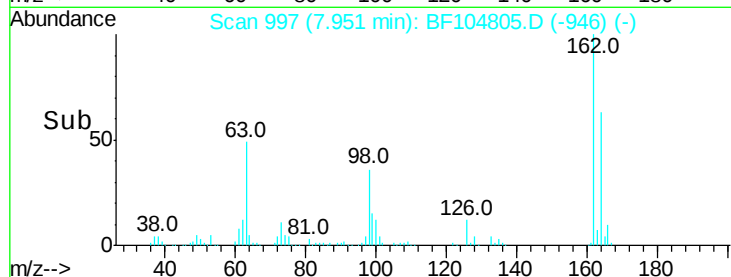
Tot Ion:162	Resp:	222677
Ion Ratio	Lower	Upper
162	100	
164	63.1	42.7 82.7
98	36.5	18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 38.240 ng

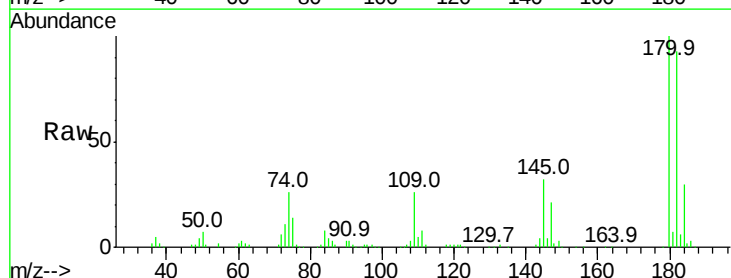
RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

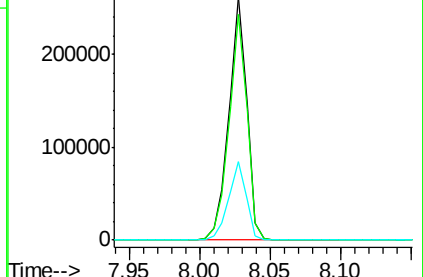
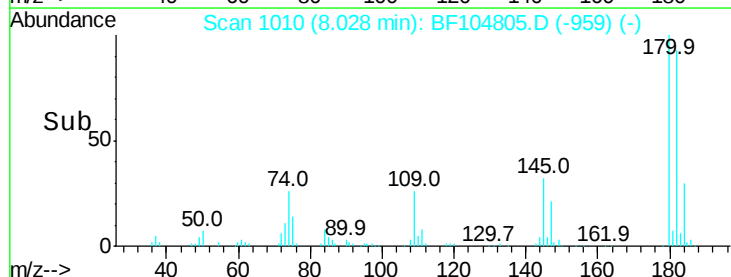
Tgt Ion:180	Resp:	232135
Ion Ratio	Lower	Upper
180	100	
182	92.9	76.8 115.2
145	32.0	26.5 39.7

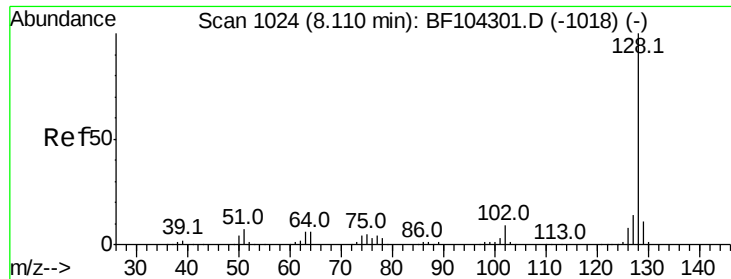


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.574 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

ClientSampleId :

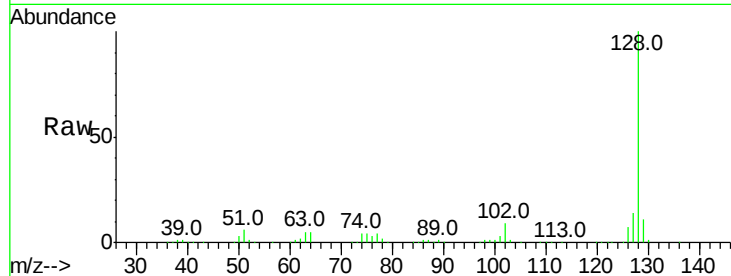
Tot Ion:128 Resp: 758916

Ion Ratio Lower Upper

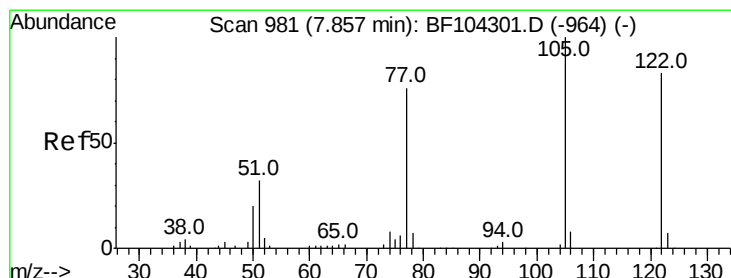
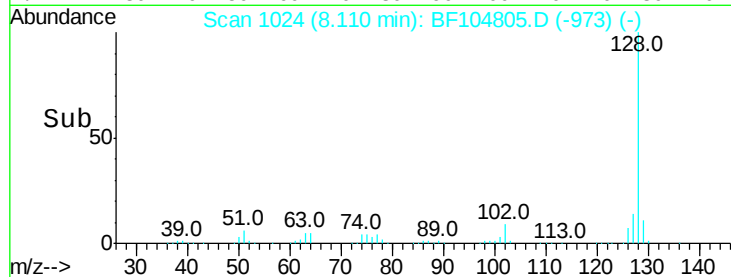
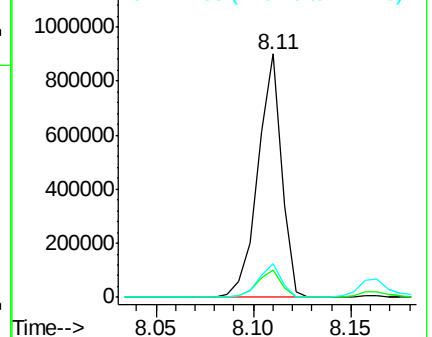
128 100

129 11.2 8.8 13.2

127 13.7 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: 22.343 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.02 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

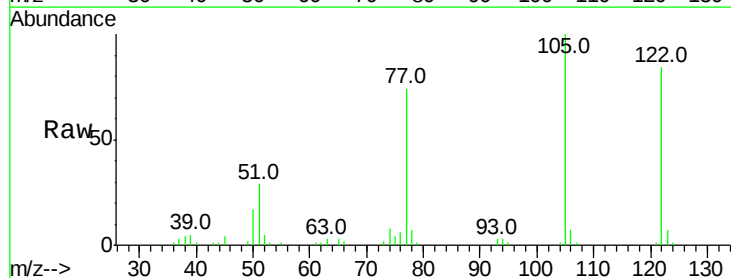
Tgt Ion:122 Resp: 103348

Ion Ratio Lower Upper

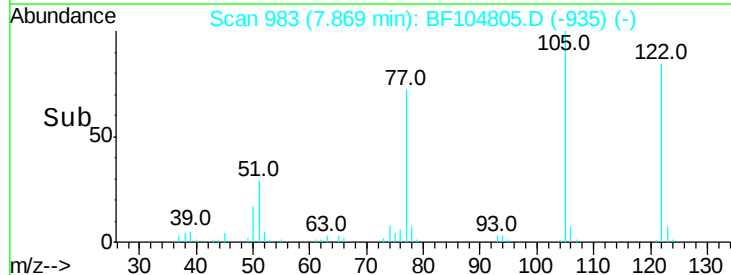
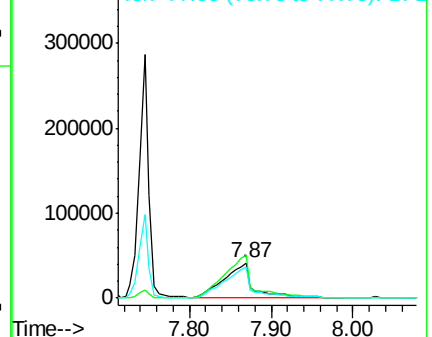
122 100

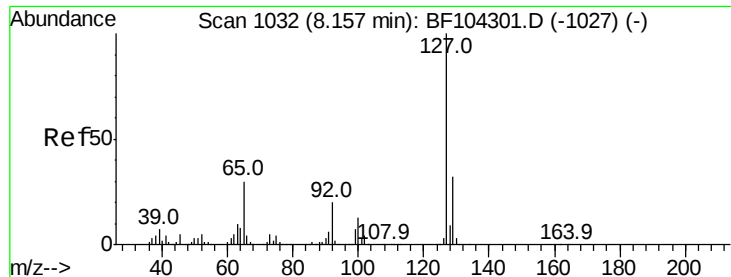
105 118.9 101.1 141.1

77 87.5 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

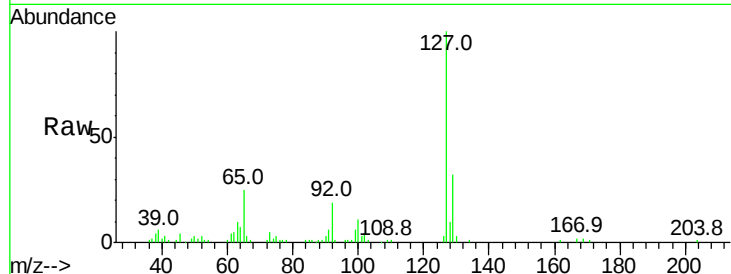




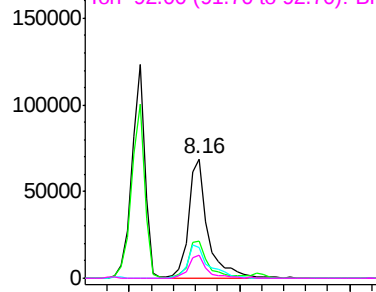
#33
4-Chloroaniline
Concen: 9.612 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Instrument :
BNA_F
ClientSampleId :

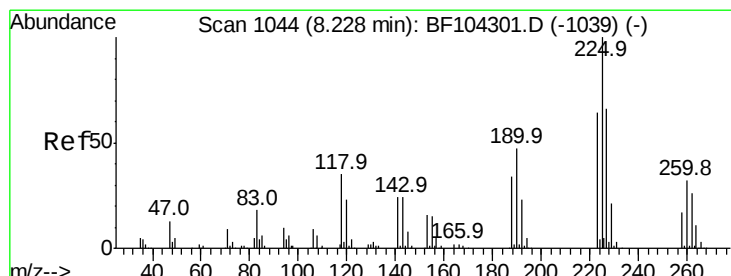
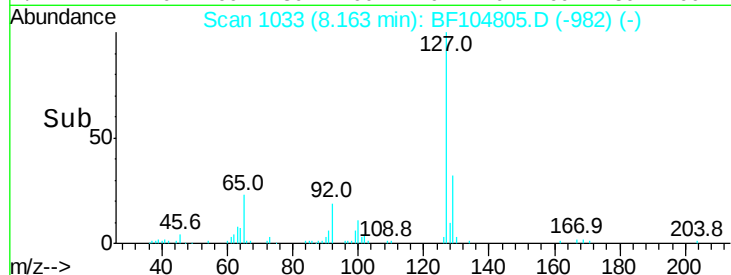
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	25.5	25.0	37.4
92	19.4	15.2	22.8



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

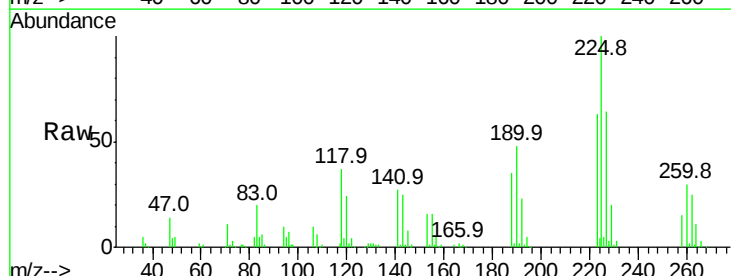


Time-->

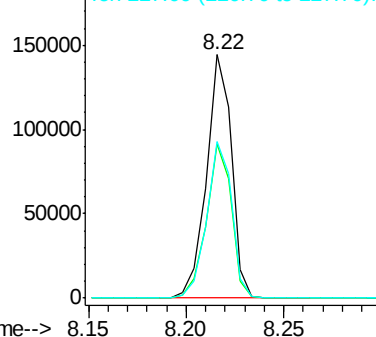


#34
Hexachlorobutadiene
Concen: 38.418 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

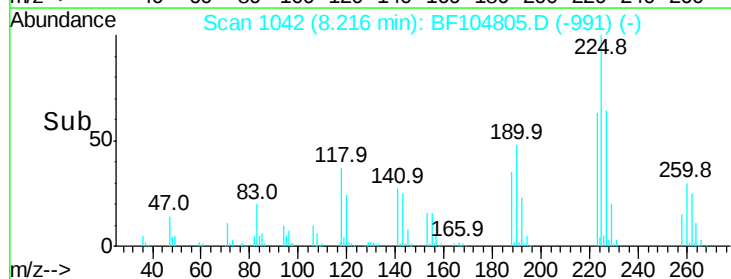
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	64.2	51.9	77.9

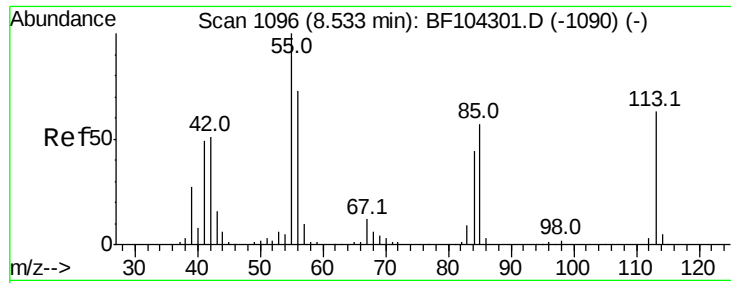


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



Time-->

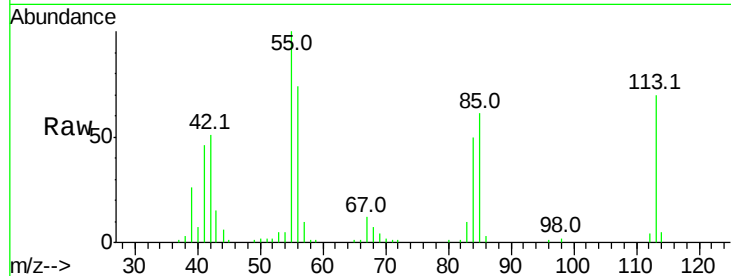




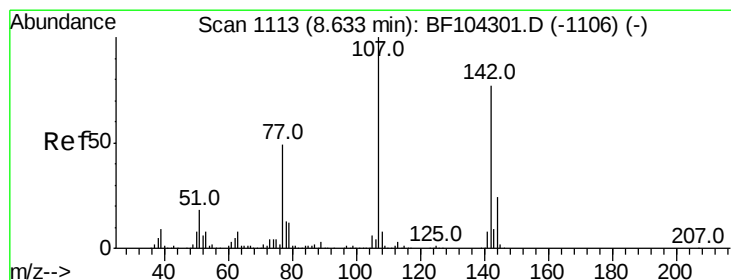
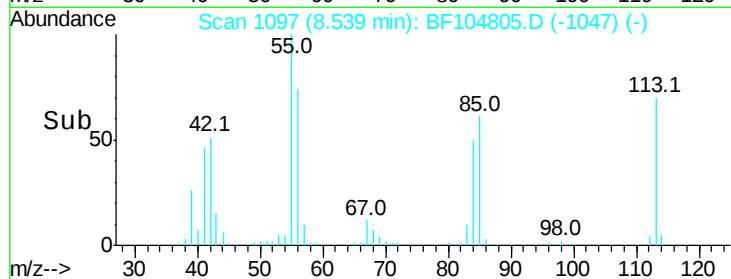
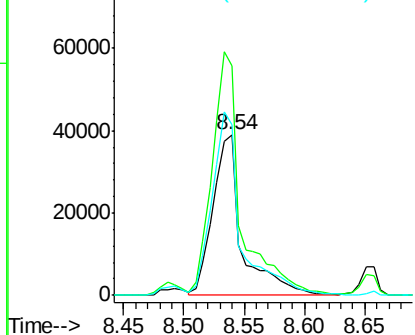
#35
 Caprolactam
 Concen: 33.854 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 65325
 Ion Ratio Lower Upper
 113 100
 55 142.6 163.3 203.3#
 56 106.2 115.7 155.7#

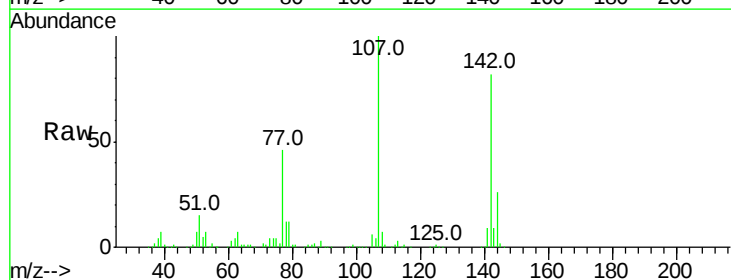


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

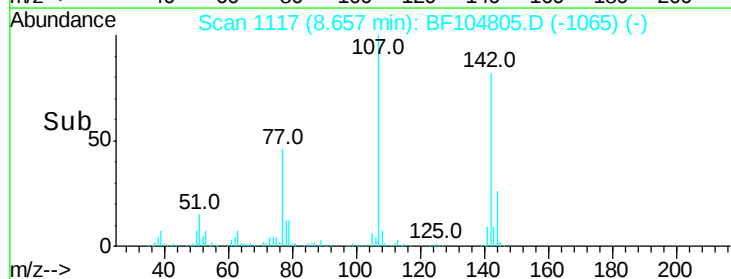
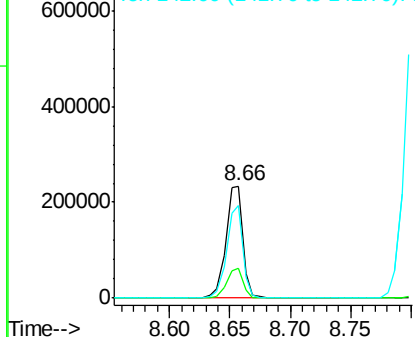


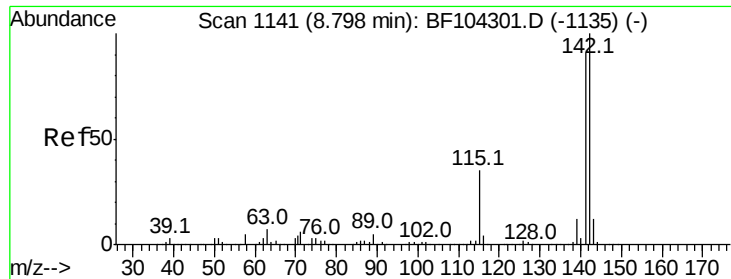
#36
 4-Chloro-3-methylphenol
 Concen: 38.552 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tgt Ion:107 Resp: 228659
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.5 30.7
 142 82.4 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

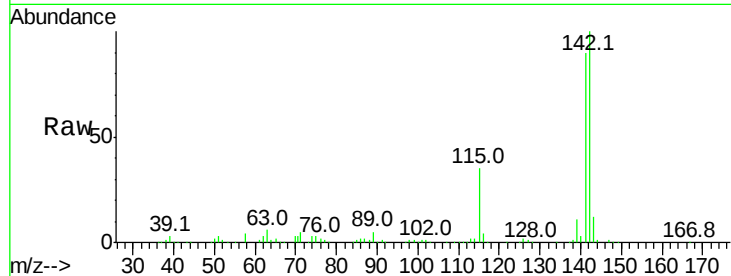




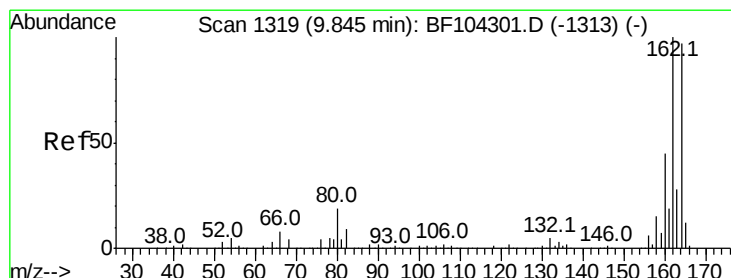
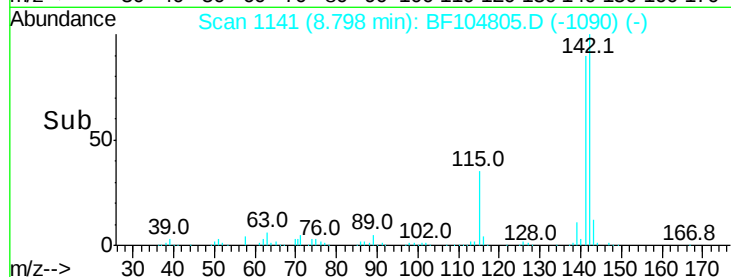
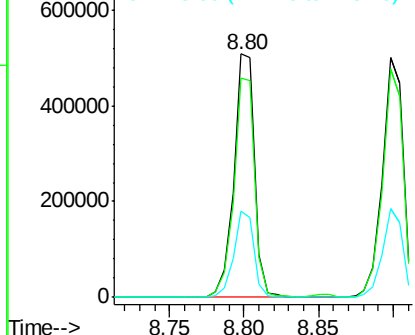
#37
2-Methylnaphthalene
Concen: 38.033 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	35.5	26.1	39.1

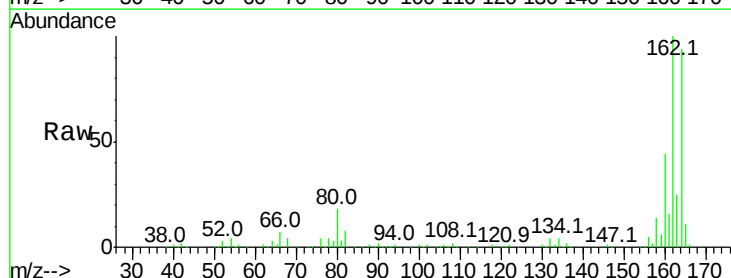


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

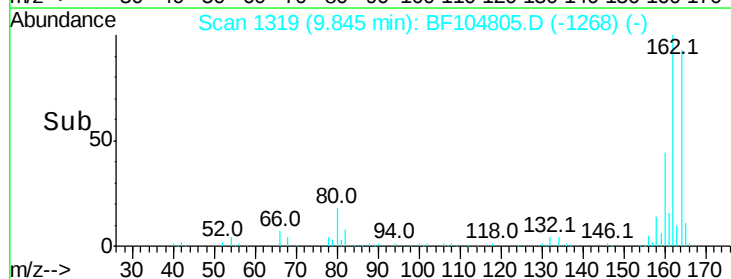
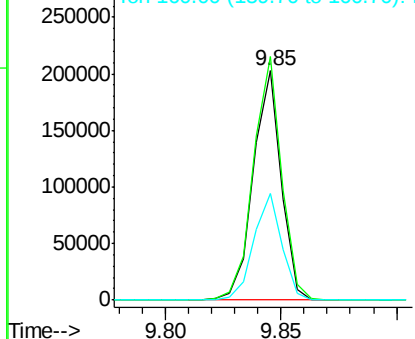


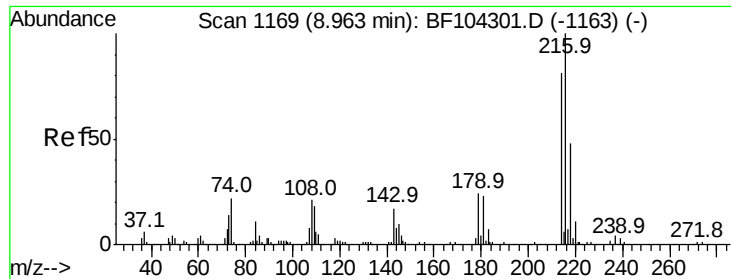
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	86.1	129.1
160	46.4	38.3	57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.901 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 214638

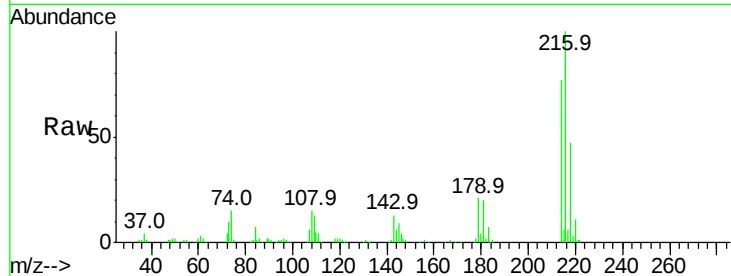
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.4

179 22.5 18.1 27.1

108 18.1 17.2 25.8

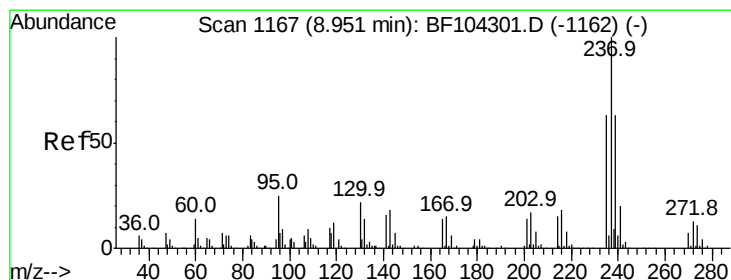
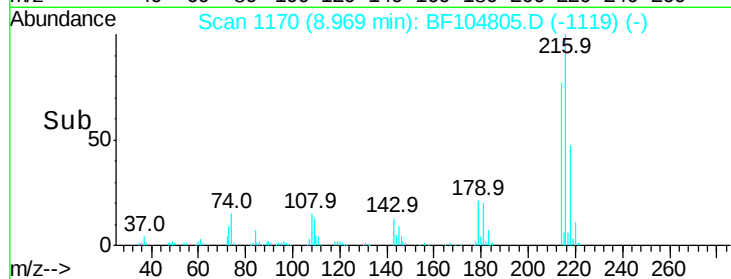
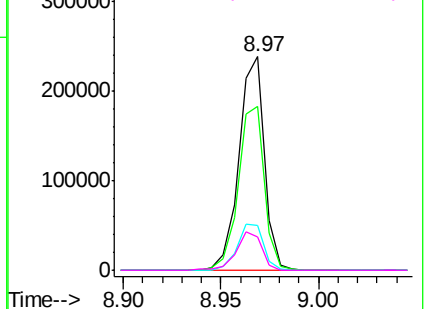


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 6.250 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

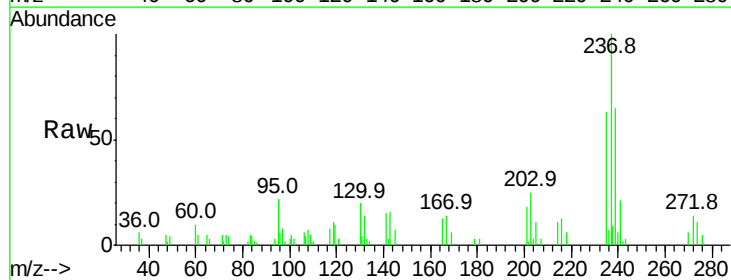
Tgt Ion:237 Resp: 17108

Ion Ratio Lower Upper

237 100

235 63.2 44.8 84.8

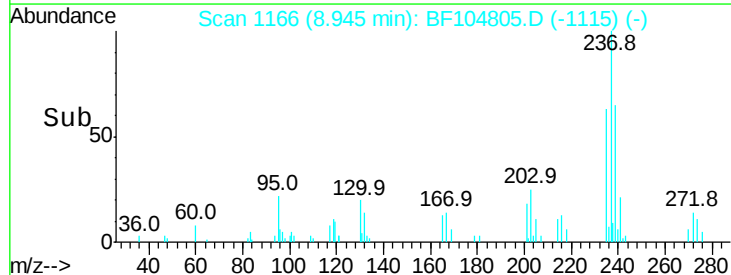
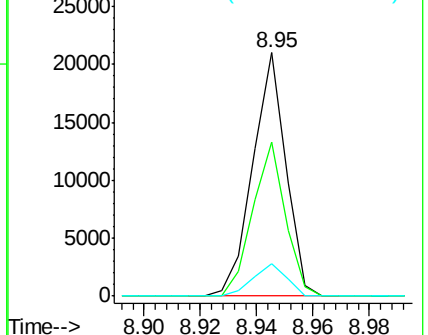
272 13.5 0.0 33.3

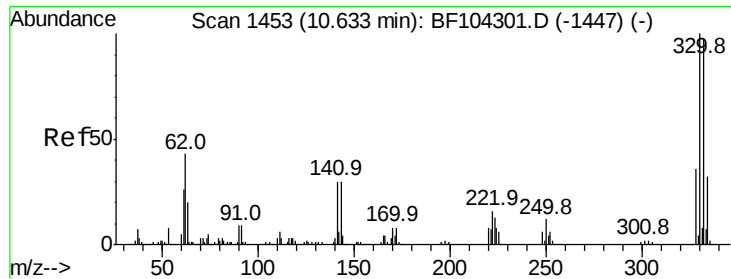


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

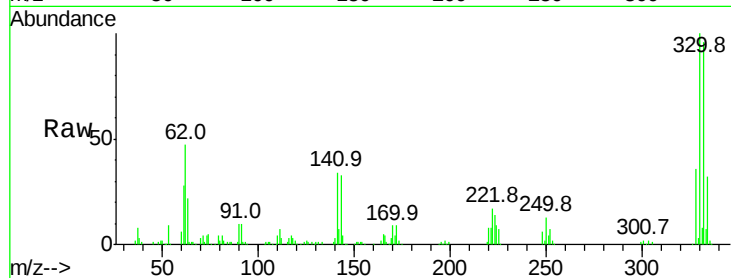




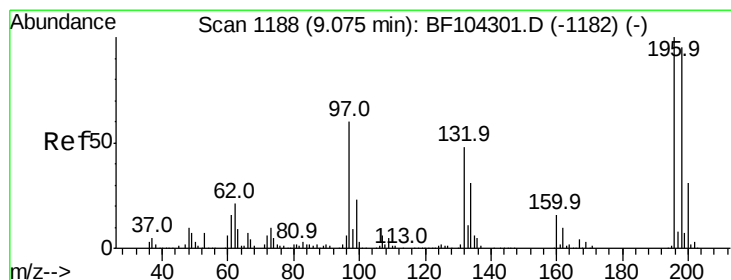
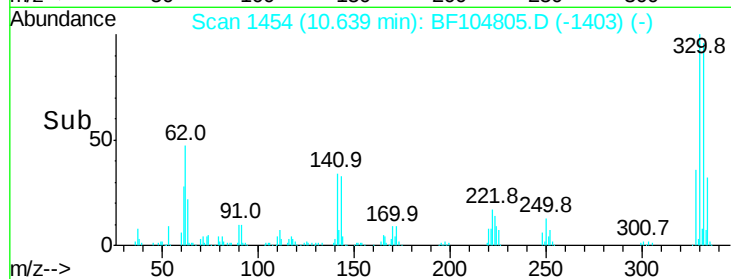
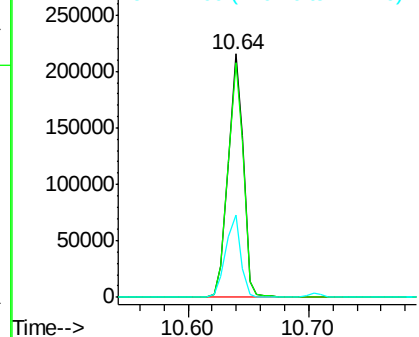
#41
 2,4,6-Tribromophenol
 Concen: 106.018 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	330	Ratio	100	Resp	187833
Ion	330	100		Lower	Upper
	332	98.0		77.0	115.6
	141	33.6		29.9	44.9

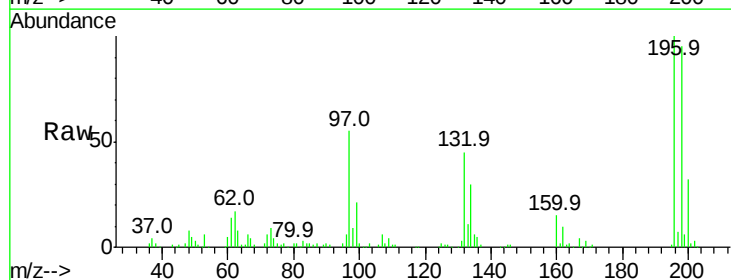


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

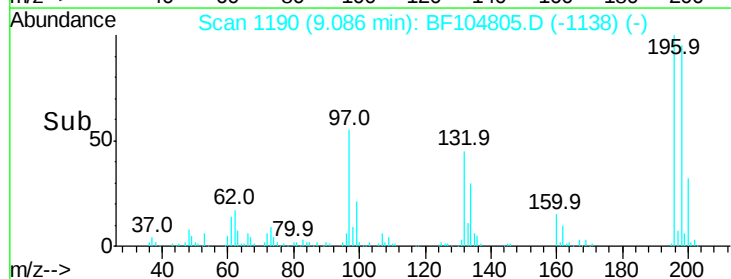
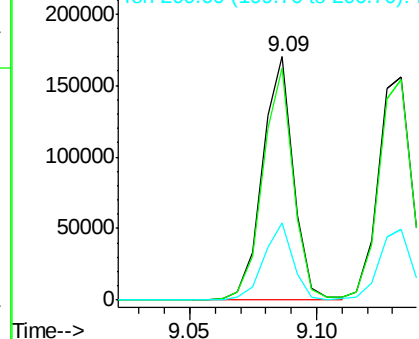


#42
 2,4,6-Trichlorophenol
 Concen: 42.820 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tgt Ion	196	Ratio	100	Resp	145329
Ion	196	100		Lower	Upper
	198	95.3		75.7	113.5
	200	31.8		24.5	36.7



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

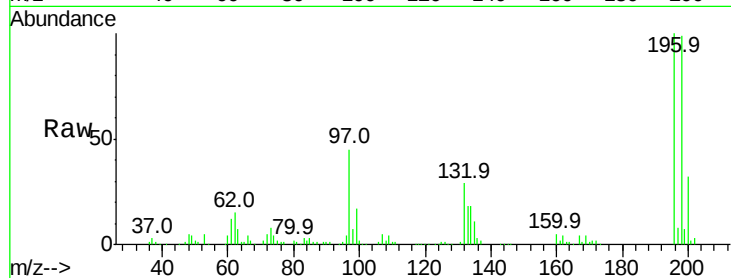




#43
 2,4,5-Trichlorophenol
 Concen: 39.444 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.8	74.6	112.0
97	45.3	42.9	64.3
132	28.5	26.3	39.5



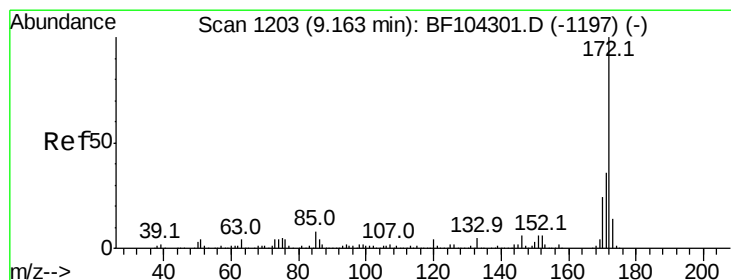
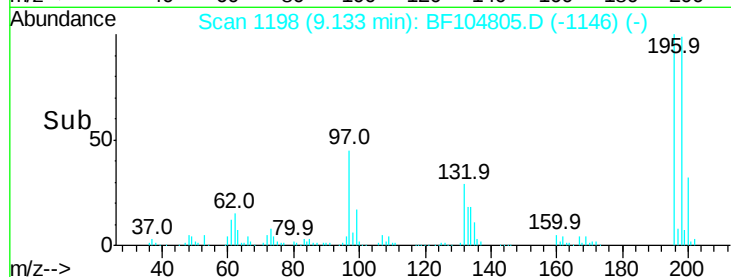
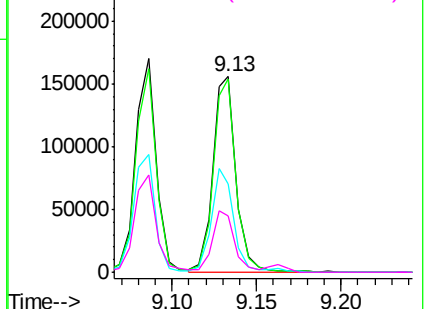
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

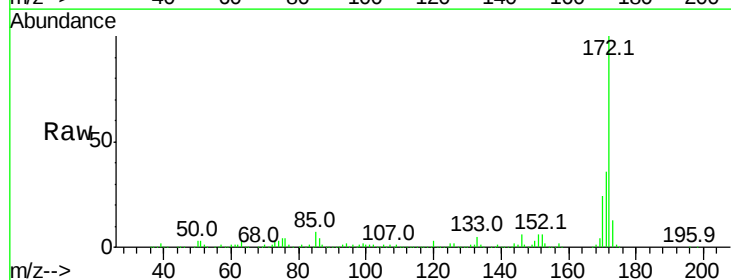
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.227 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.8	19.6	29.4

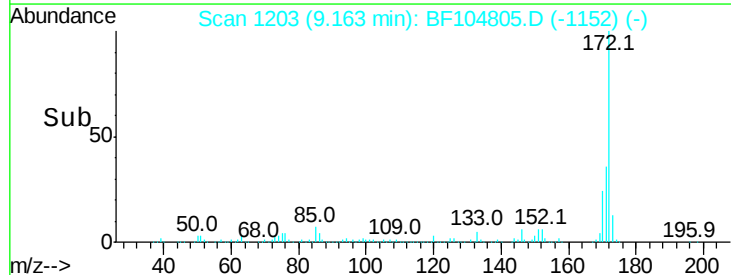
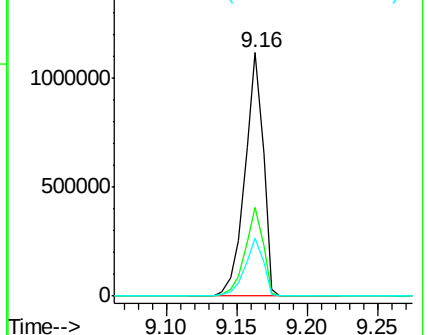


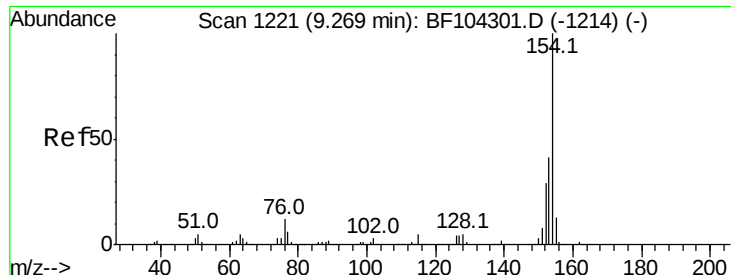
Abundance

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: 40.860 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

ClientSampleId :

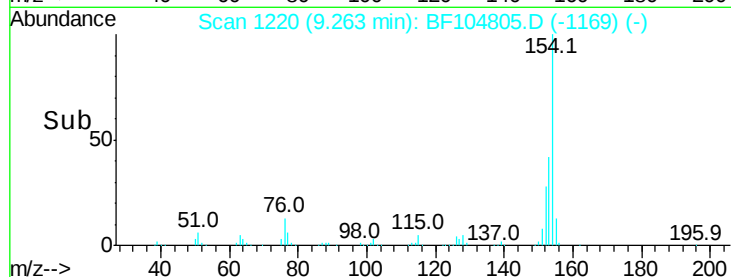
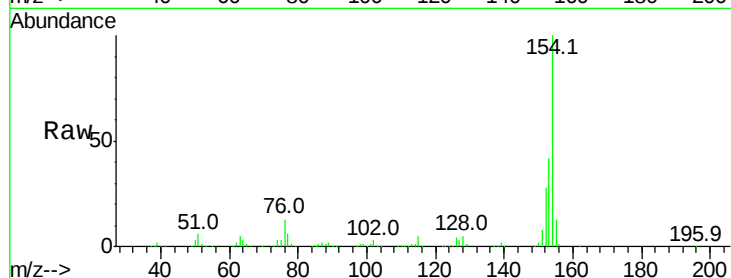
Tot Ion:154 Resp: 586259

Ion Ratio Lower Upper

154 100

153 41.8 21.3 61.3

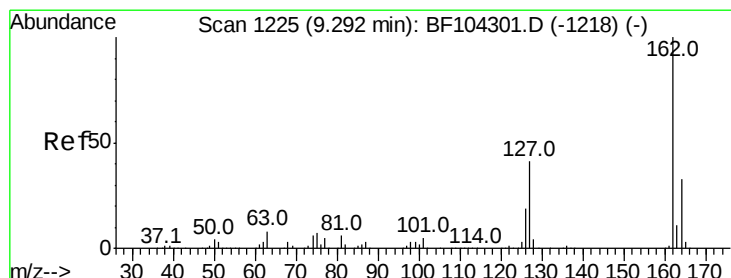
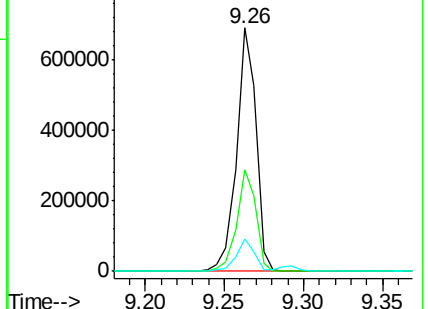
76 13.1 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 40.225 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

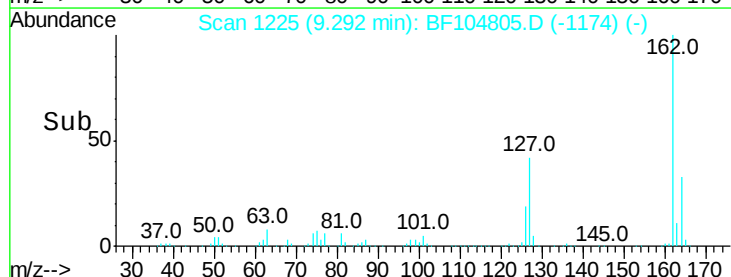
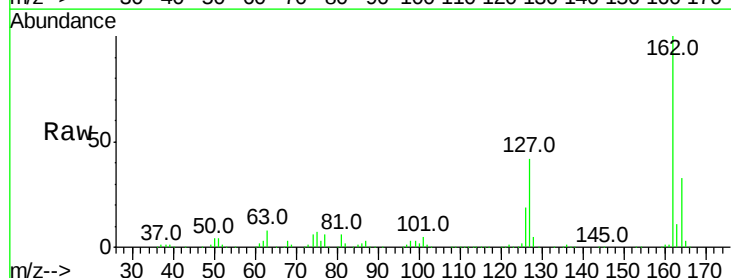
Tgt Ion:162 Resp: 455880

Ion Ratio Lower Upper

162 100

127 42.0 33.9 50.9

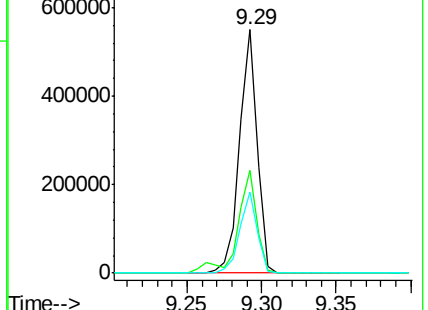
164 33.1 26.5 39.7

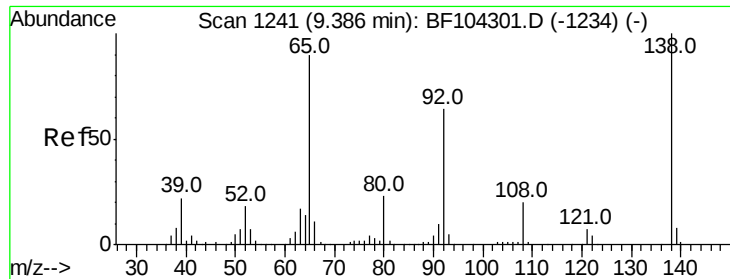


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

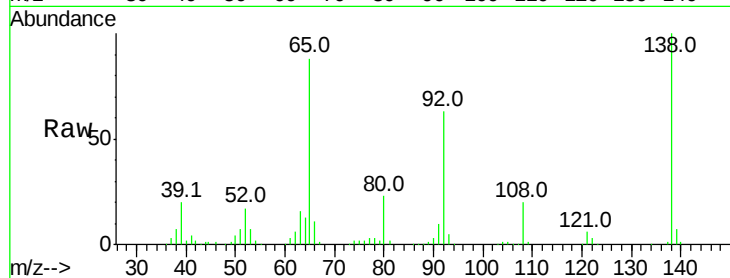




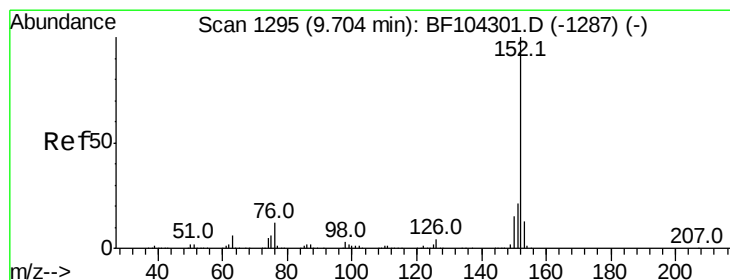
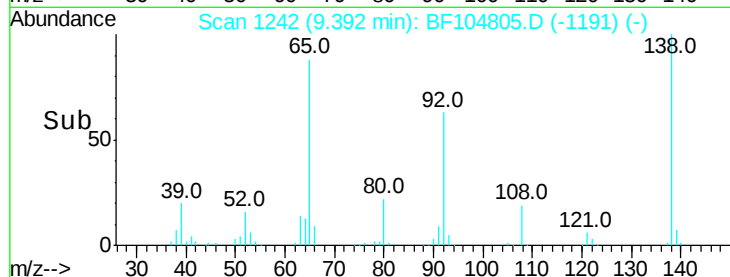
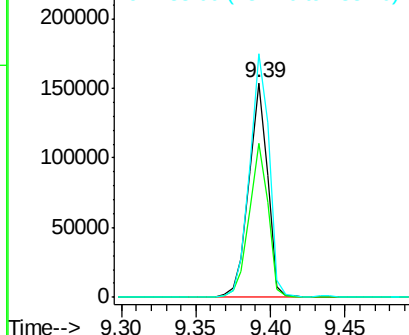
#47
2-Nitroaniline
Concen: 47.864 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 134147
Ion Ratio Lower Upper
65 100
92 71.9 55.8 83.6
138 113.4 91.2 136.8

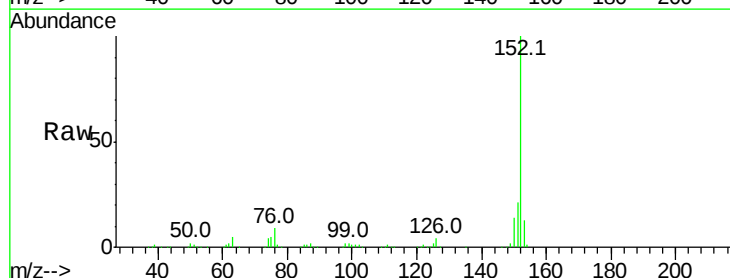


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

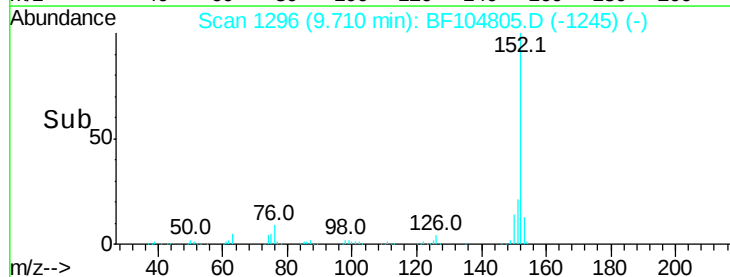
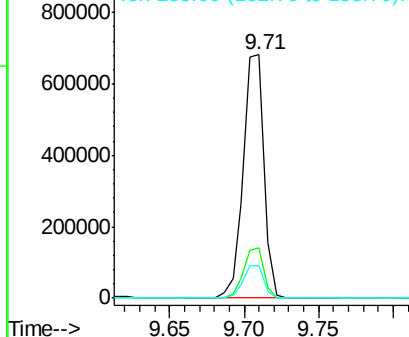


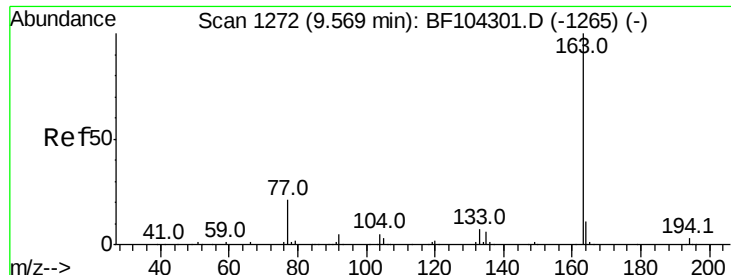
#48
Acenaphthylene
Concen: 36.919 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion: 152 Resp: 656461
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.2 10.7 16.1



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

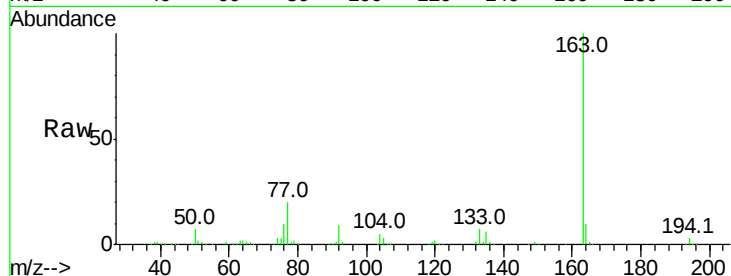




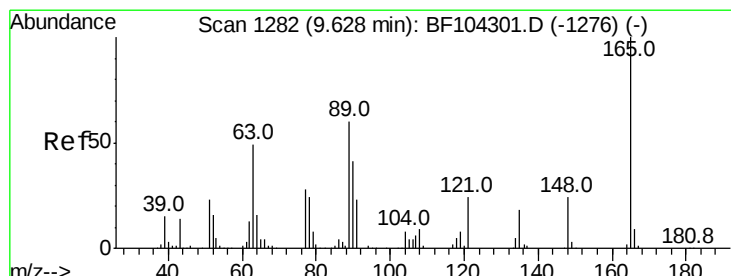
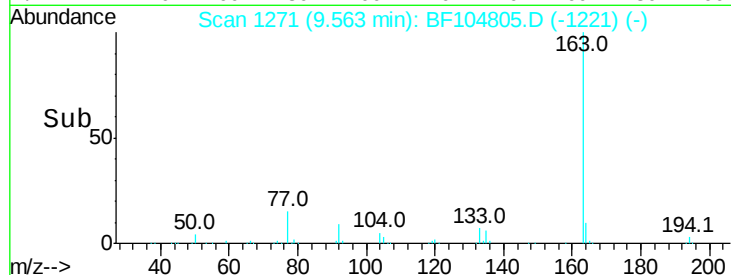
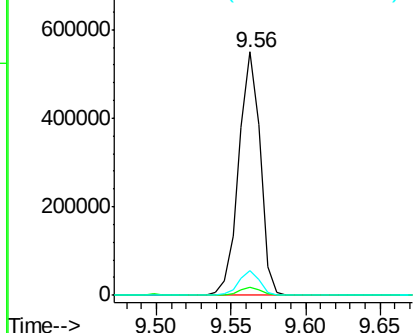
#49
Dimethylphthalate
Concen: 41.062 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 553045
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.9 8.2 12.2

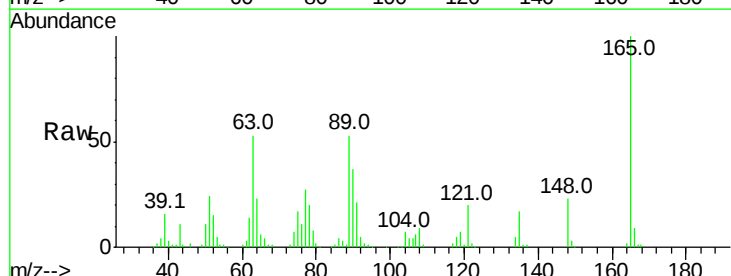


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

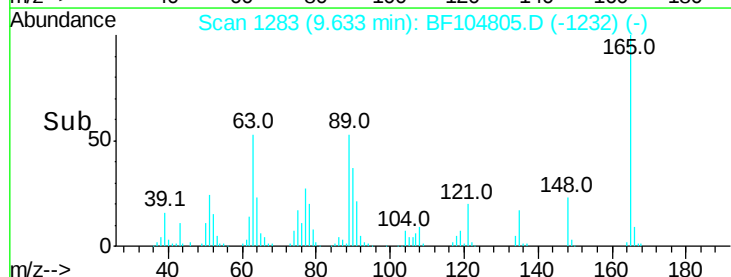
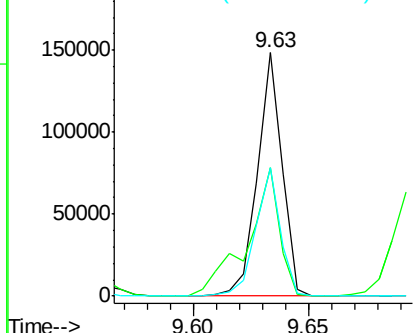


#50
2,6-Dinitrotoluene
Concen: 44.625 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion:165 Resp: 111215
Ion Ratio Lower Upper
165 100
63 52.5 44.7 67.1
89 52.5 44.0 66.0



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





#51

Acenaphthene

Concen: 35.497 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

ClientSampleId :

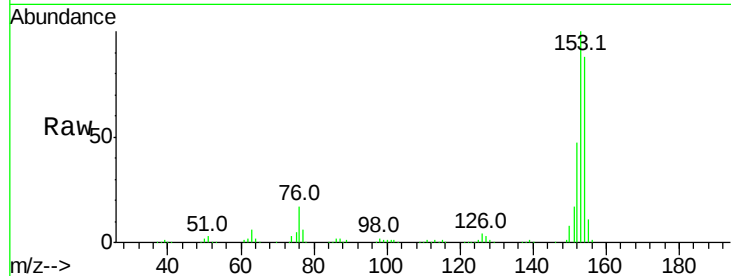
Tot Ion:154 Resp: 385111

Ion Ratio Lower Upper

154 100

153 113.4 91.2 136.8

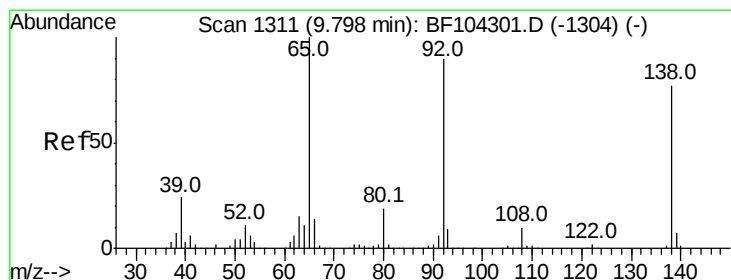
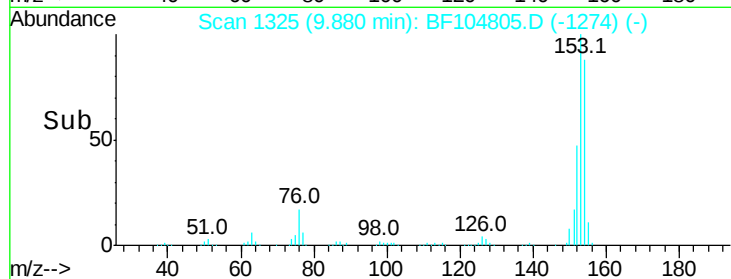
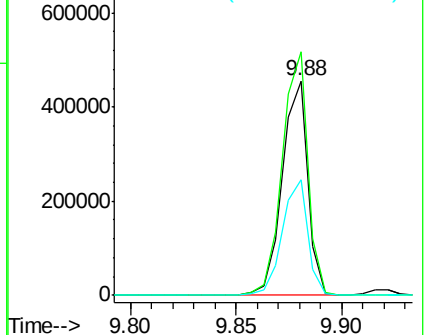
152 53.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.052 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

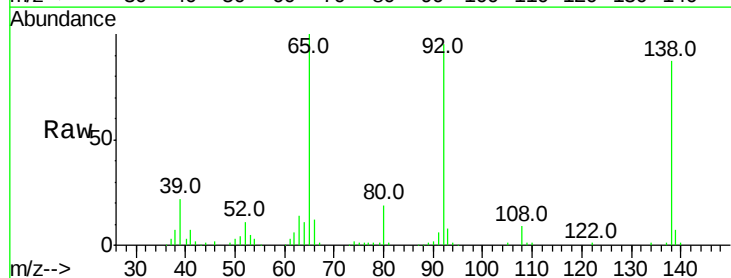
Tgt Ion:138 Resp: 70176

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

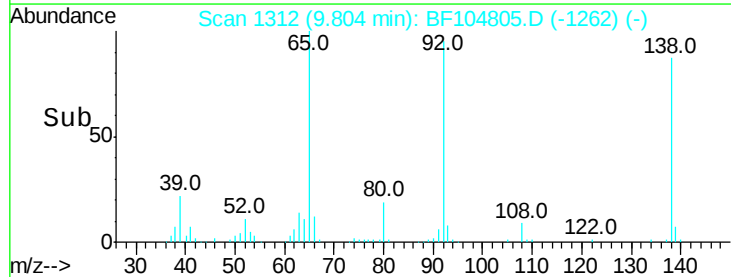
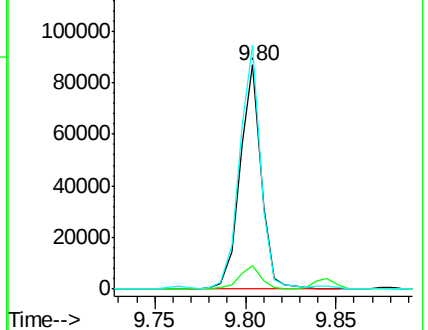
92 108.8 89.4 134.2

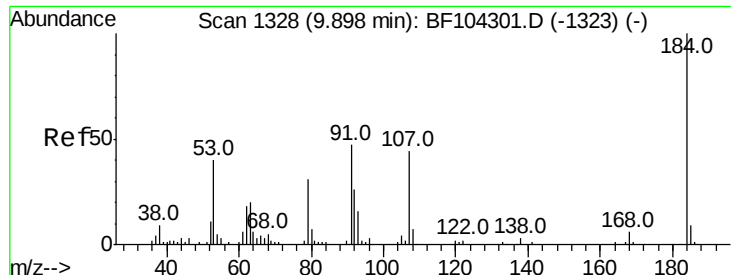


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

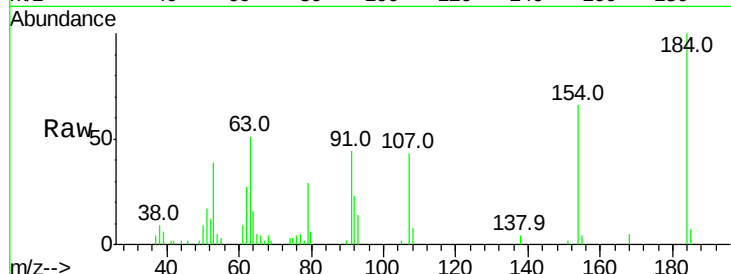




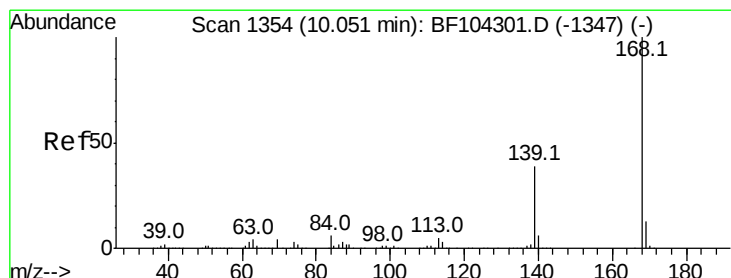
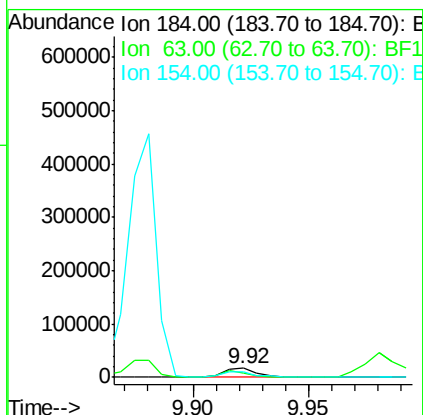
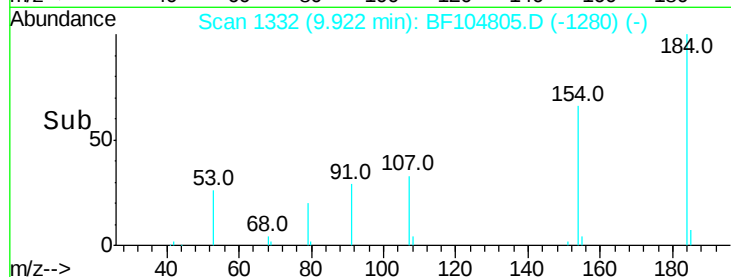
#53
 2,4-Dinitrophenol
 Concen: 28.060 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 18469
 Ion Ratio Lower Upper
 184 100
 63 50.7 54.2 81.2#
 154 66.3 184.0 276.0#

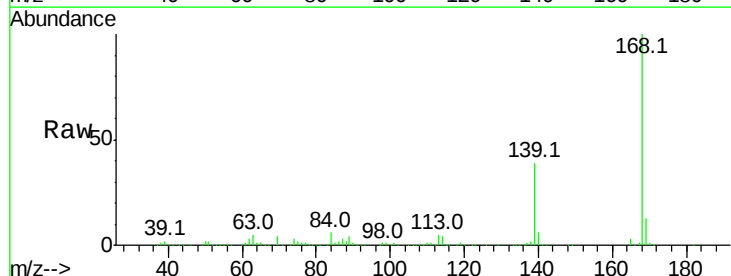


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

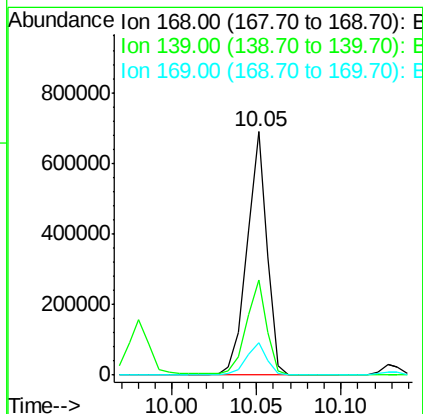
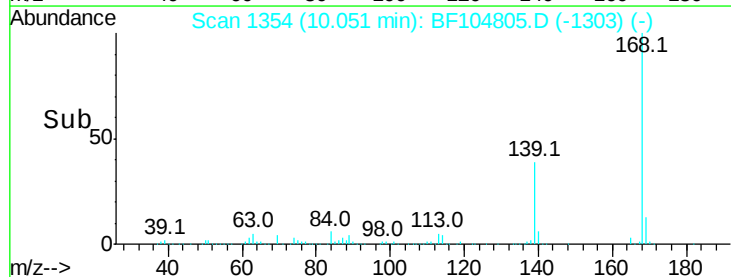


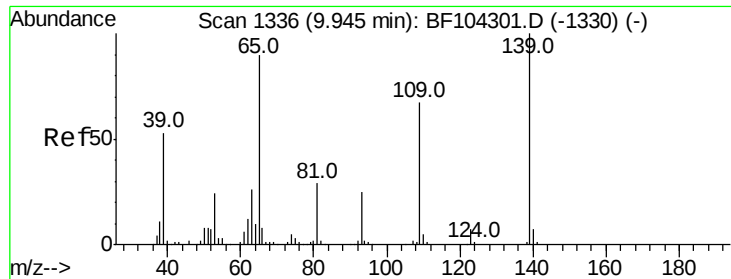
#54
 Dibenzofuran
 Concen: 37.693 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tgt Ion:168 Resp: 569884
 Ion Ratio Lower Upper
 168 100
 139 39.3 30.1 45.1
 169 13.3 10.9 16.3



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

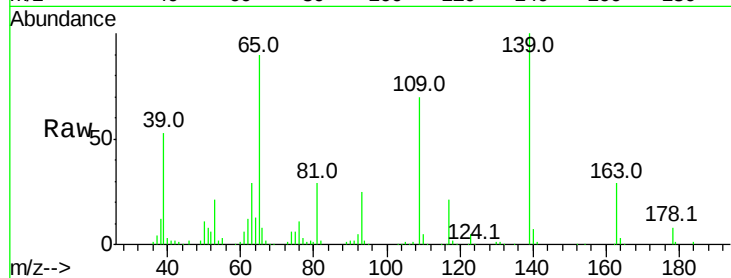




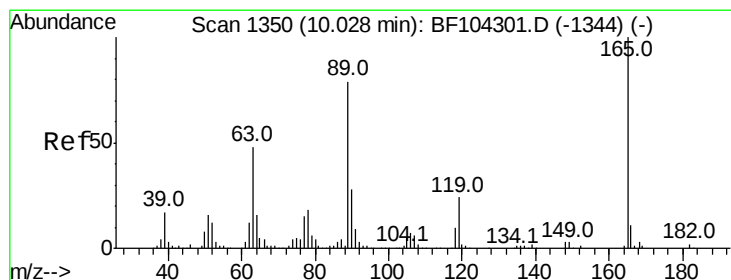
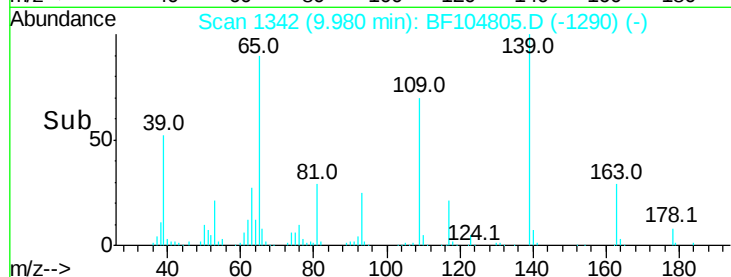
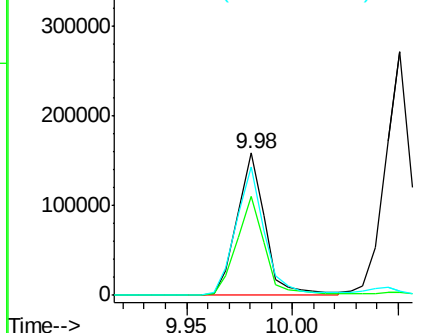
#55
4-Nitrophenol
Concen: 63.715 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 146028
Ion Ratio Lower Upper
139 100
109 69.6 48.4 88.4
65 90.4 72.6 112.6

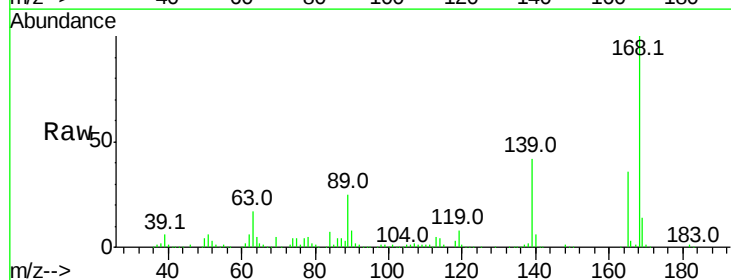


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

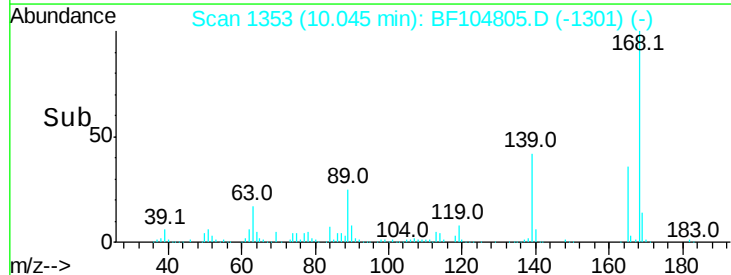
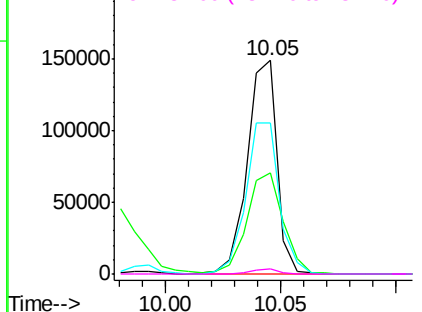


#56
2,4-Dinitrotoluene
Concen: 41.017 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion:165 Resp: 134087
Ion Ratio Lower Upper
165 100
63 47.4 36.4 54.6
89 70.5 57.8 86.6
182 2.6 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

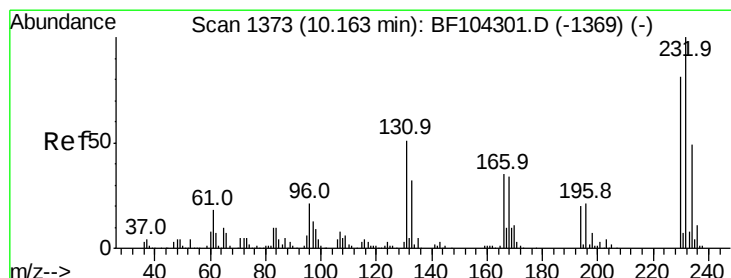
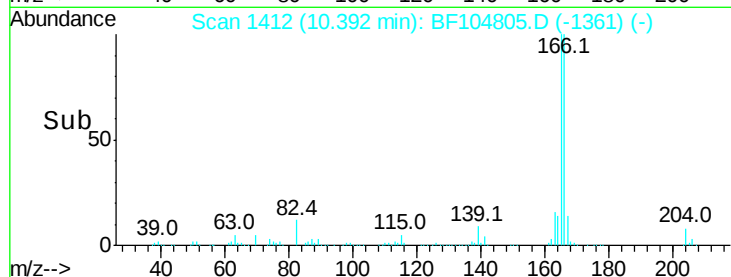
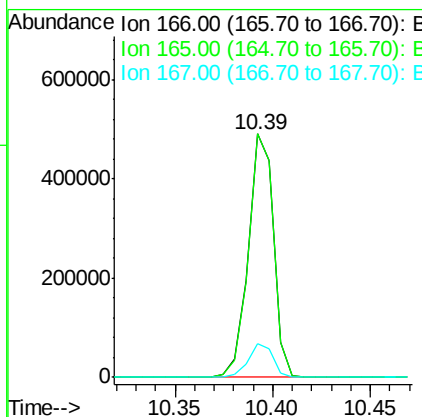
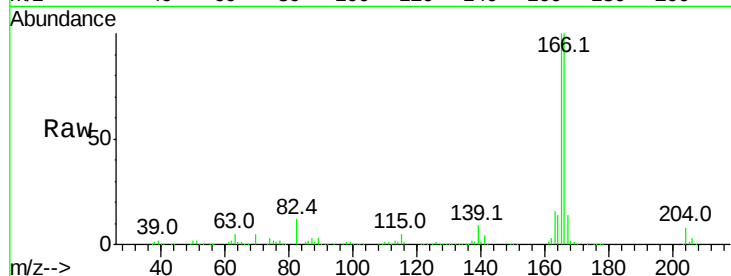




#57
 Fluorene
 Concen: 39.864 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

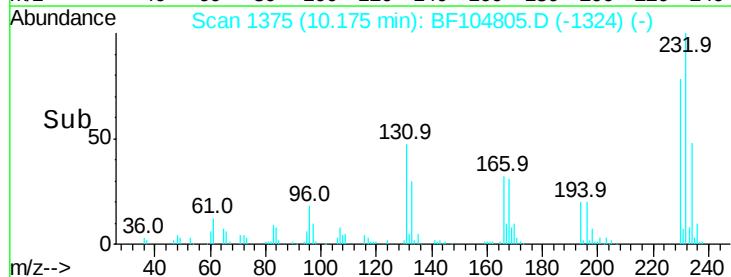
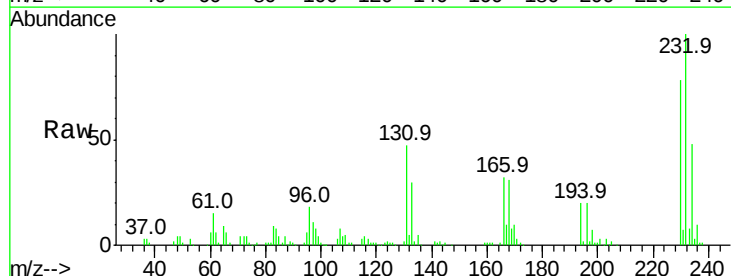
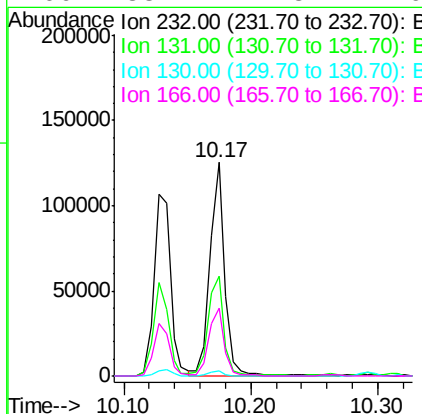
Instrument :
 BNA_F
 ClientSampleId :

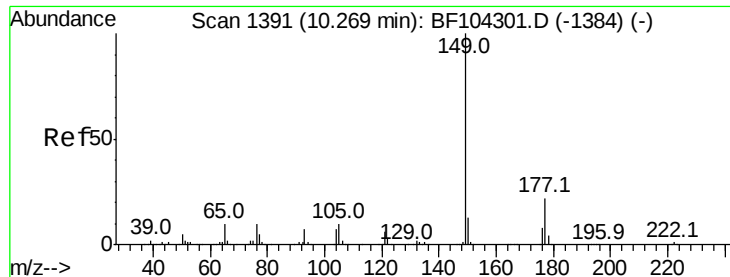
Tot Ion:166 Resp: 438694
 Ion Ratio Lower Upper
 166 100
 165 100.0 79.8 119.8
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.537 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tgt Ion:232 Resp: 103526
 Ion Ratio Lower Upper
 232 100
 131 49.9 43.8 65.8
 130 2.4 2.1 3.1
 166 33.1 27.8 41.6

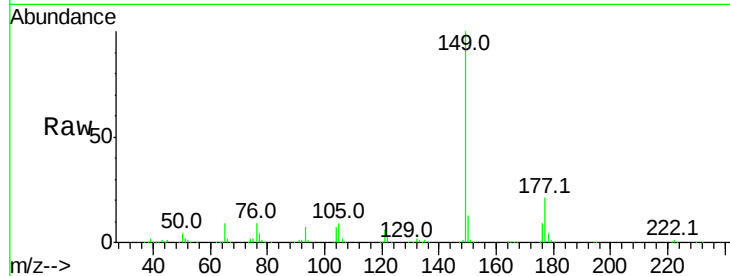




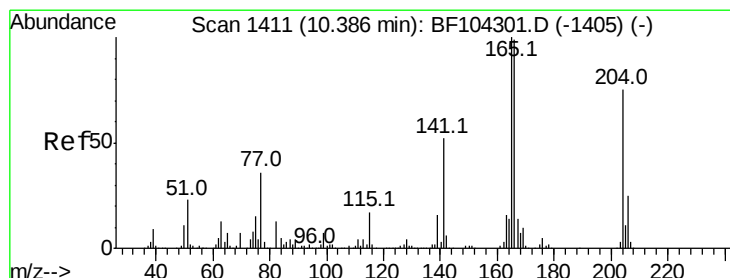
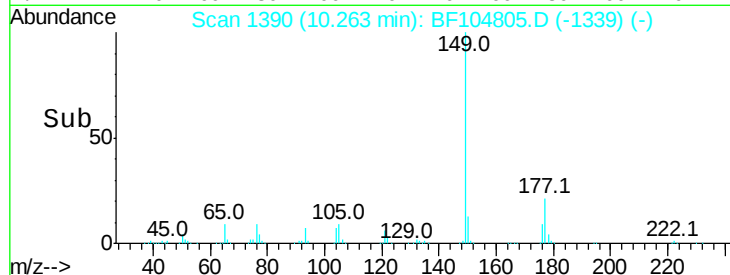
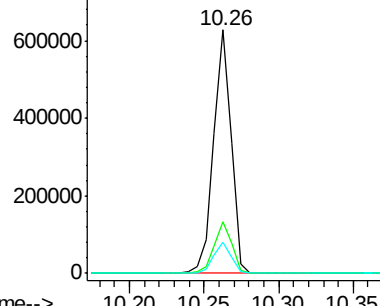
#59
Diethylphthalate
Concen: 38.441 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.1	24.1
150	12.8	10.1	15.1

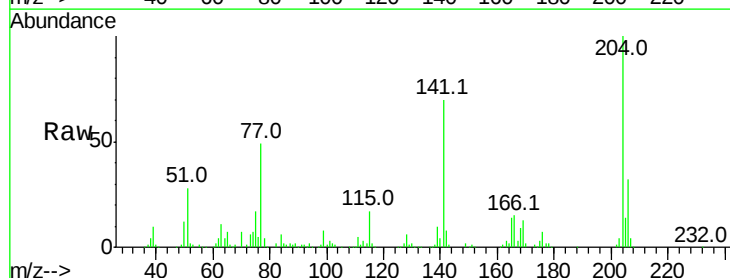


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

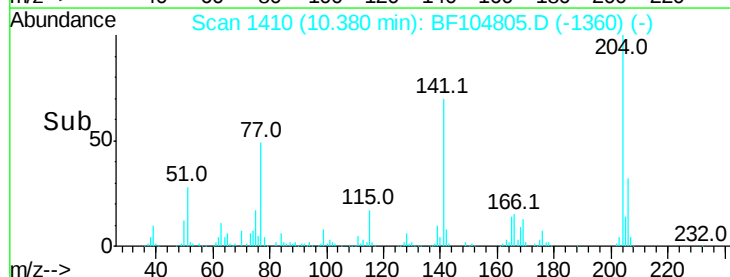
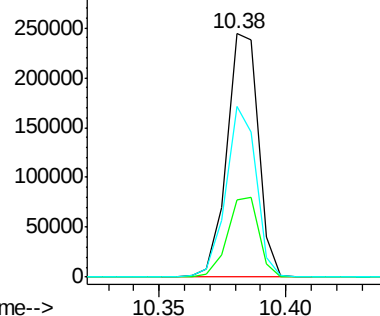


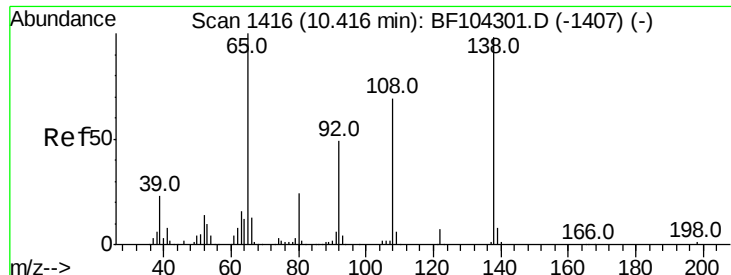
#60
4-Chlorophenyl-phenylether
Concen: 43.405 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.5	39.7
141	70.0	54.6	81.8



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

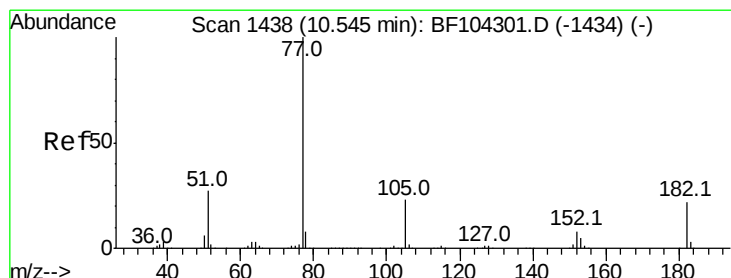
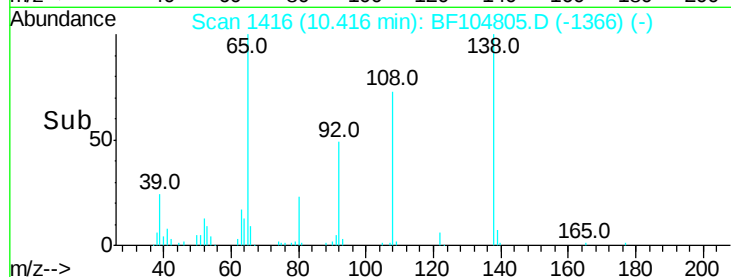
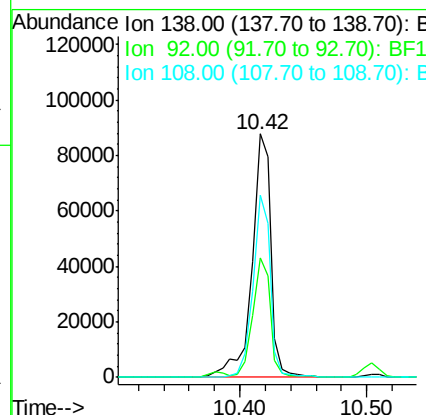
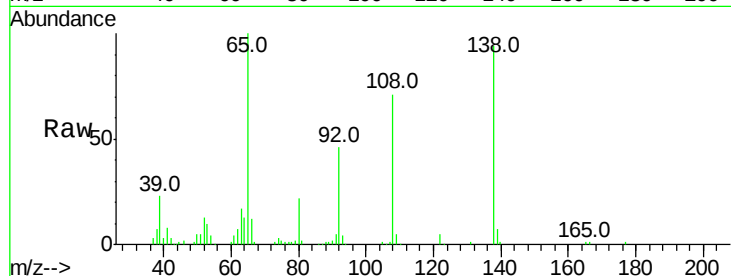




#61
4-Nitroaniline
Concen: 32.203 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

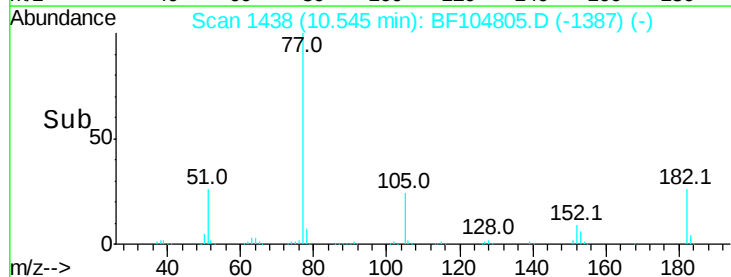
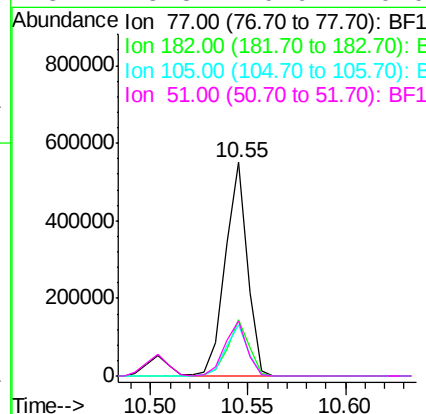
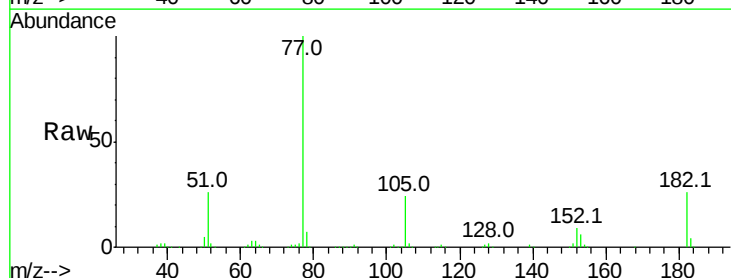
Instrument :
BNA_F
ClientSampled :

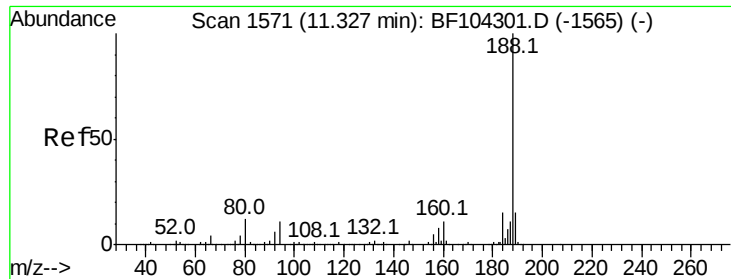
Tot Ion:138 Resp: 91867
Ion Ratio Lower Upper
138 100
92 49.2 30.2 70.2
108 74.8 52.5 92.5



#62
Azobenzene
Concen: 33.638 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion: 77 Resp: 431087
Ion Ratio Lower Upper
77 100
182 26.2 1.7 41.7
105 23.9 3.0 43.0
51 25.8 9.9 49.9

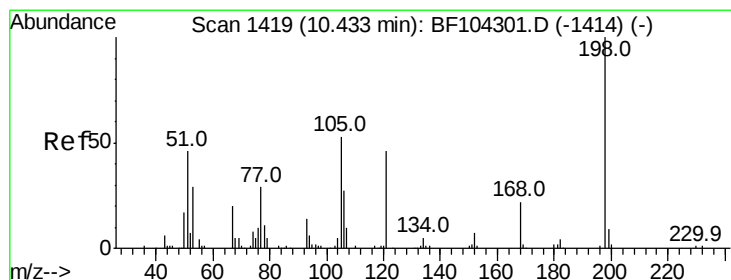
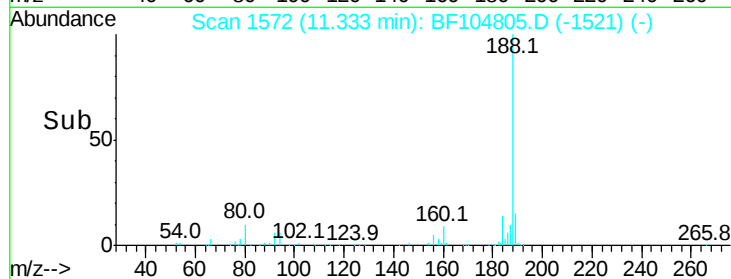
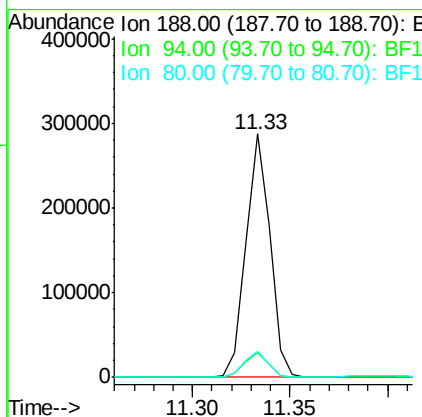
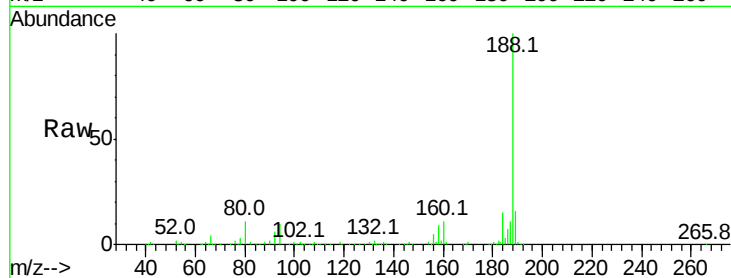




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

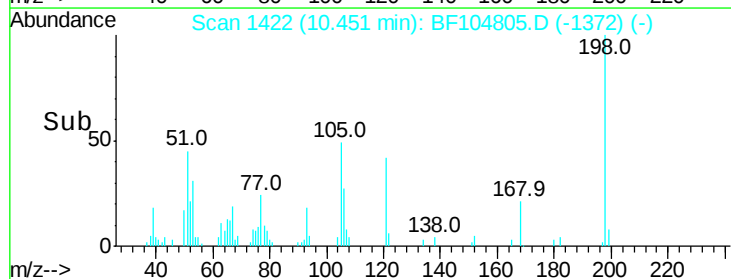
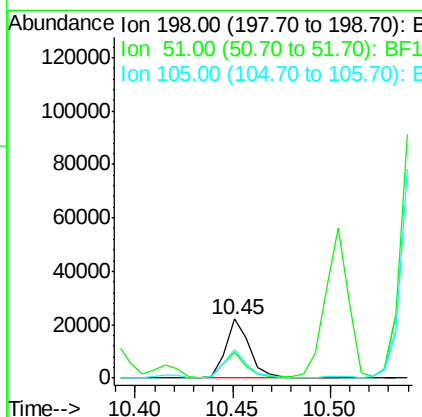
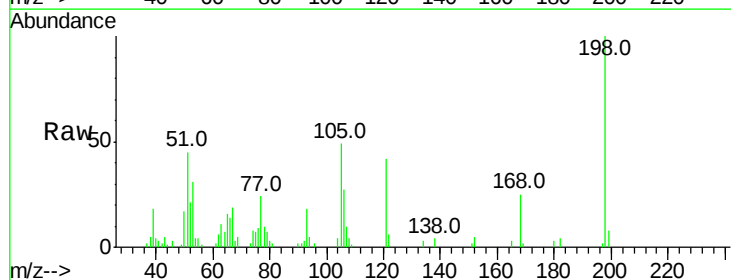
Instrument :
BNA_F
ClientSampleId :

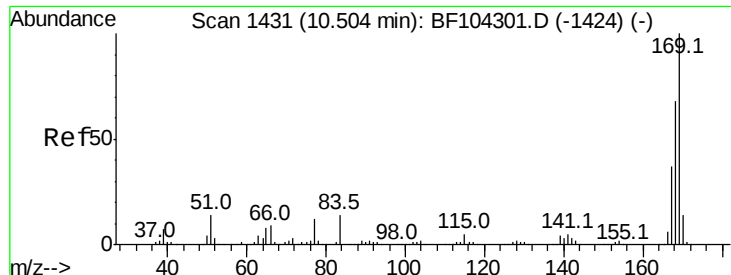
Tot Ion:188 Resp: 246753
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 20.599 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion:198 Resp: 18804
Ion Ratio Lower Upper
198 100
51 44.9 37.7 77.7
105 49.0 36.3 76.3

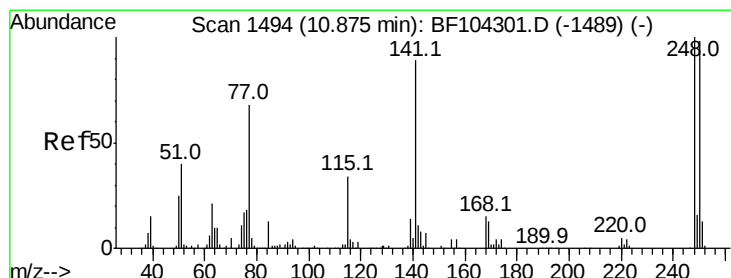
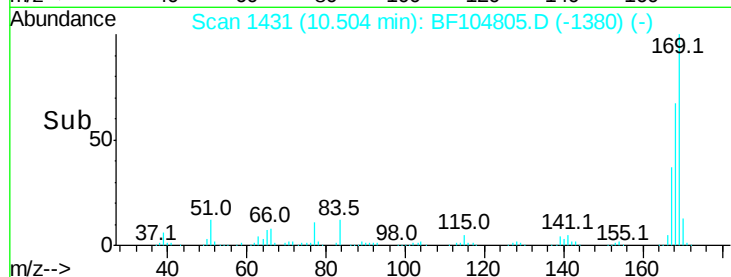
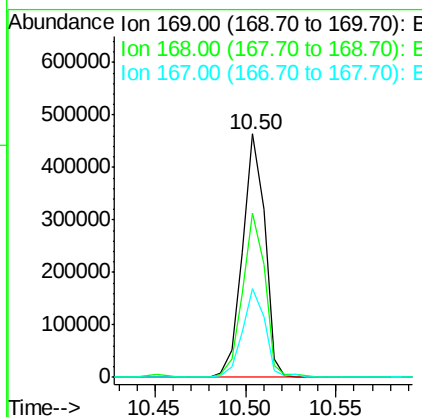
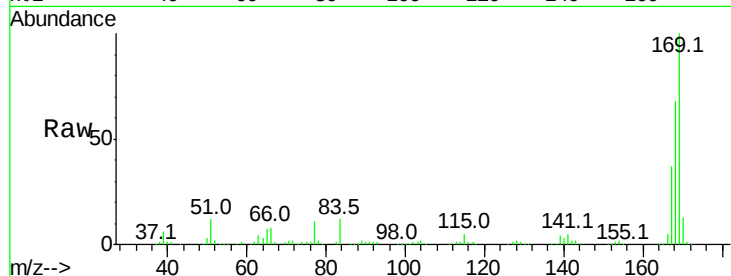




#65
 n-Nitrosodiphenylamine
 Concen: 46.423 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

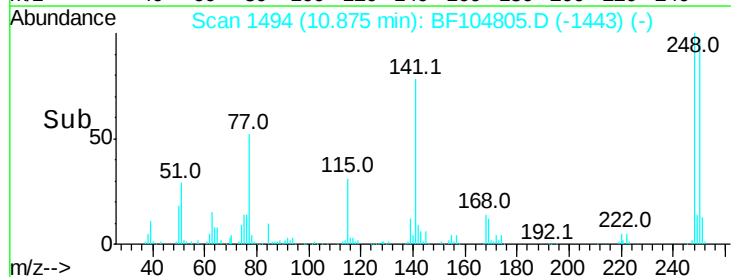
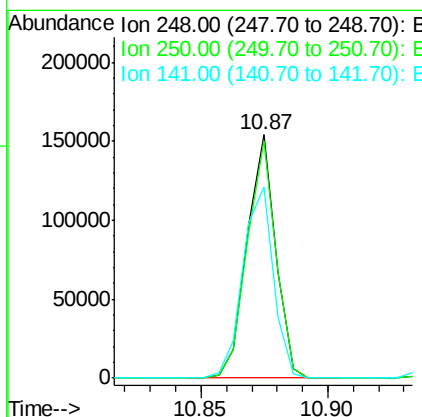
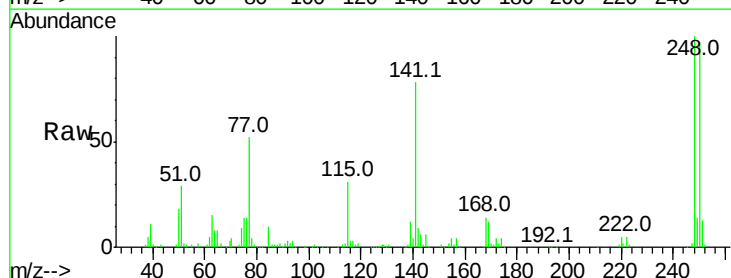
Instrument :
 BNA_F
 ClientSampleId :

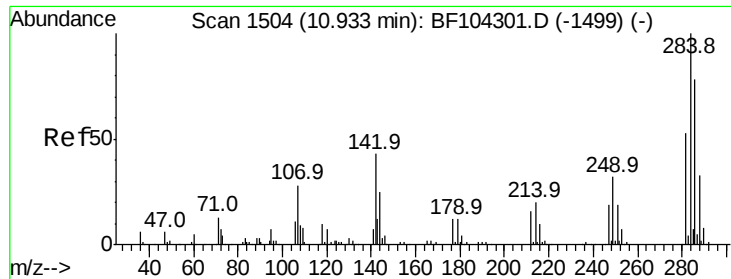
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.5	54.4	81.6
167	36.5	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 46.219 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.9	115.3
141	78.4	74.4	111.6





#67

Hexachlorobenzene

Concen: 42.569 ng

RT: 10.95 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

ClientSampleId :

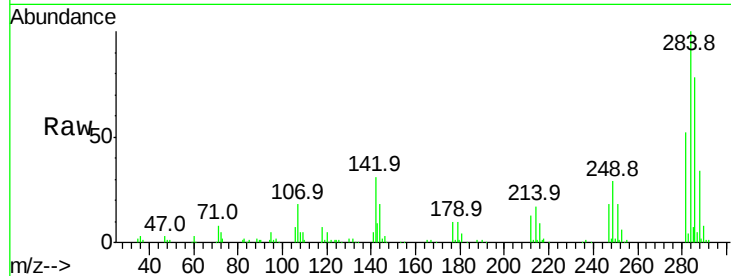
Tot Ion:284 Resp: 125718

Ion Ratio Lower Upper

284 100

142 31.4 34.6 52.0#

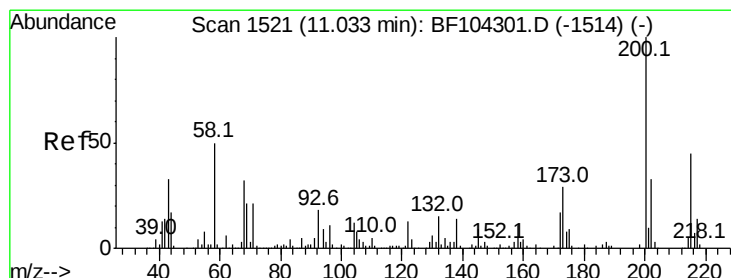
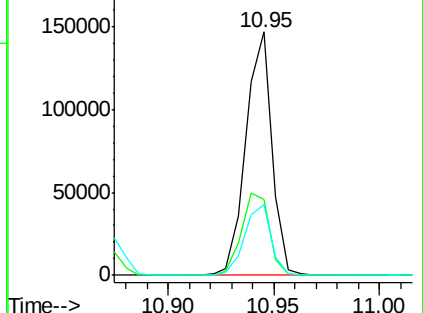
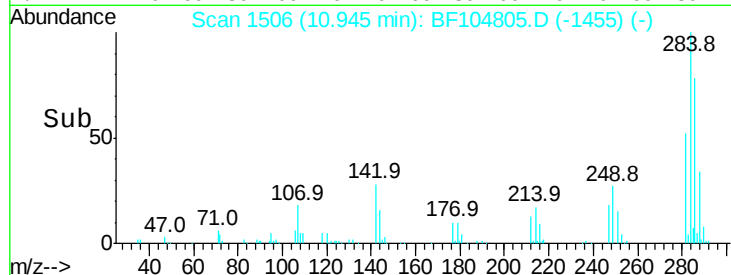
249 29.1 24.8 37.2



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: 46.483 ng

RT: 11.03 min Scan# 1521

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

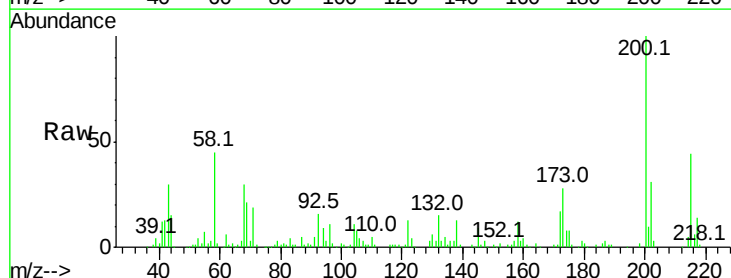
Tgt Ion:200 Resp: 120041

Ion Ratio Lower Upper

200 100

173 28.3 8.6 48.6

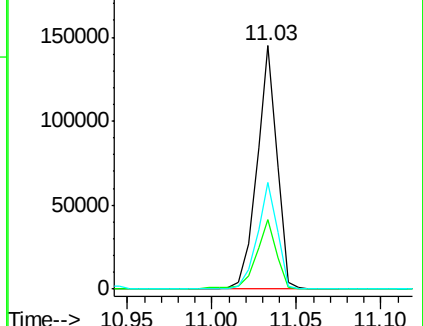
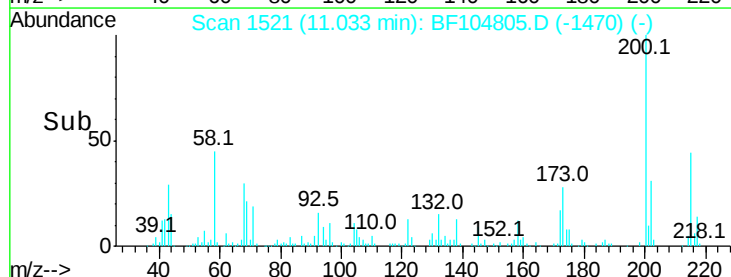
215 44.1 25.1 65.1



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

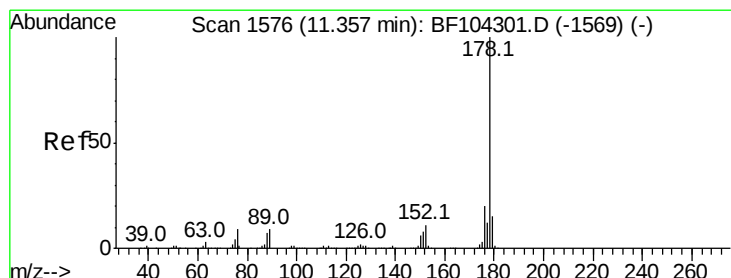
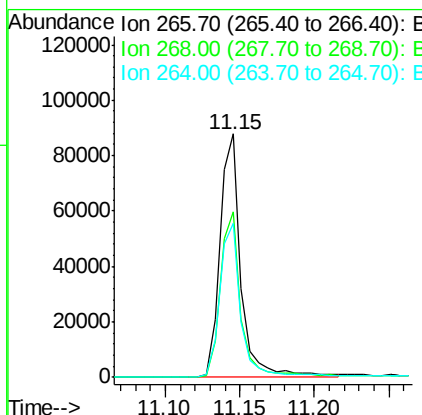
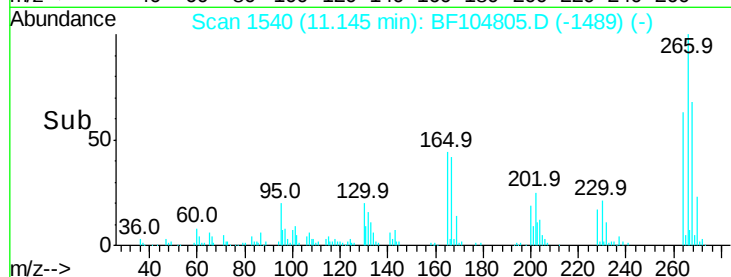
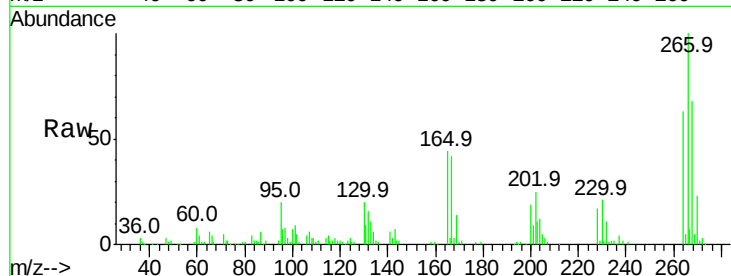




#69
 Pentachlorophenol
 Concen: 47.853 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

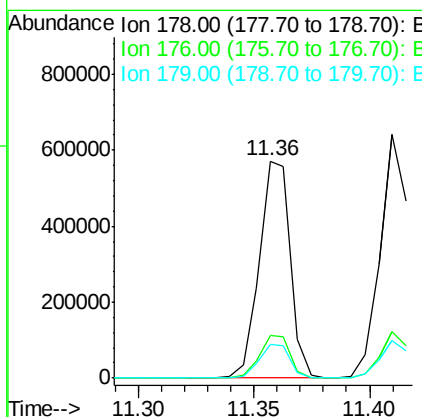
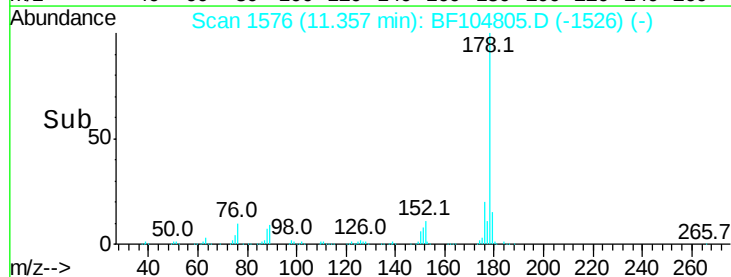
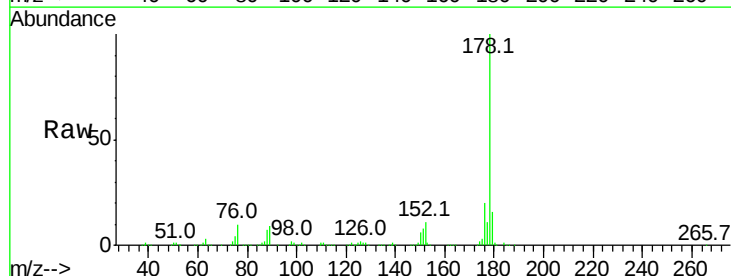
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 87431
 Ion Ratio Lower Upper
 266 100
 268 67.9 51.1 76.7
 264 63.1 49.5 74.3



#70
 Phenanthrene
 Concen: 39.055 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tgt Ion:178 Resp: 536674
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.7 13.0 19.6

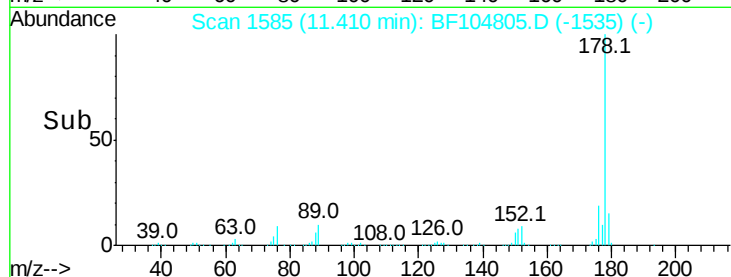
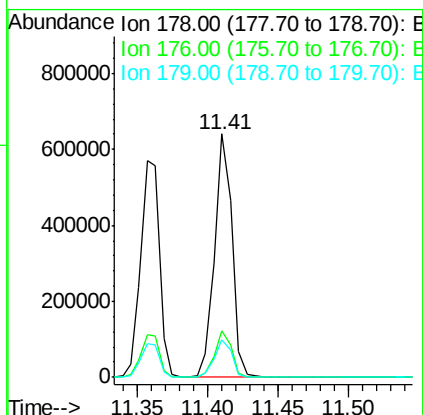
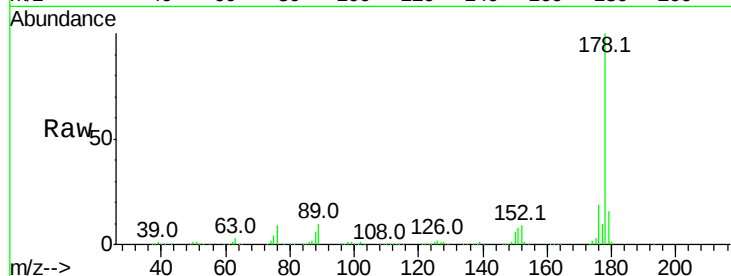




#71
 Anthracene
 Concen: 39.435 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

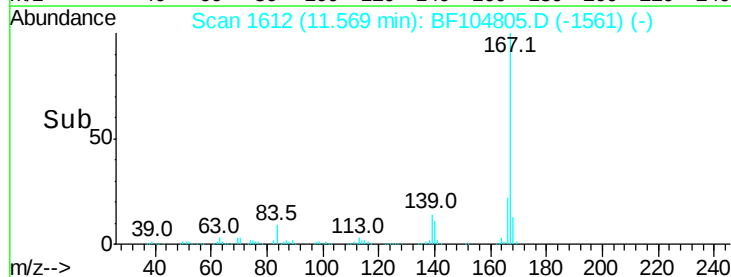
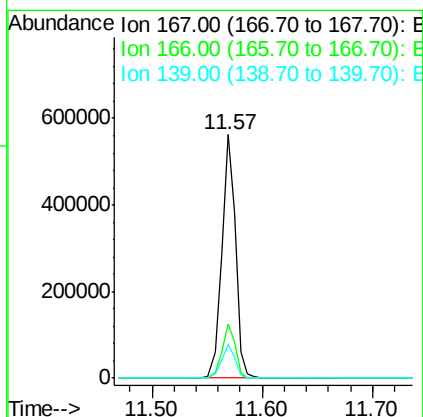
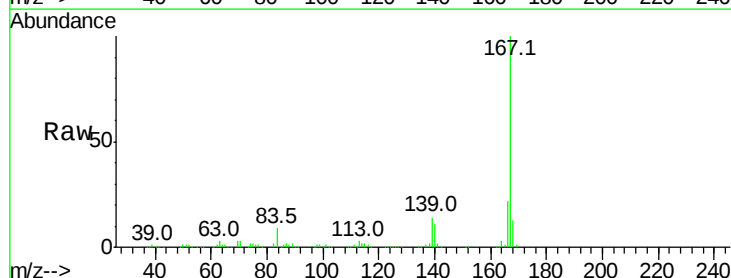
Instrument :
 BNA_F
 ClientSampleId :

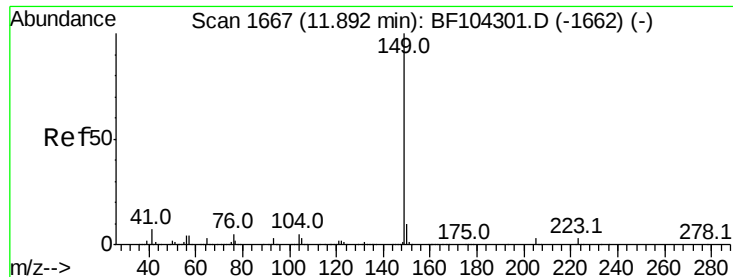
Tot Ion:178 Resp: 550850
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 35.639 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tgt Ion:167 Resp: 486451
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.369 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

ClientSampleId :

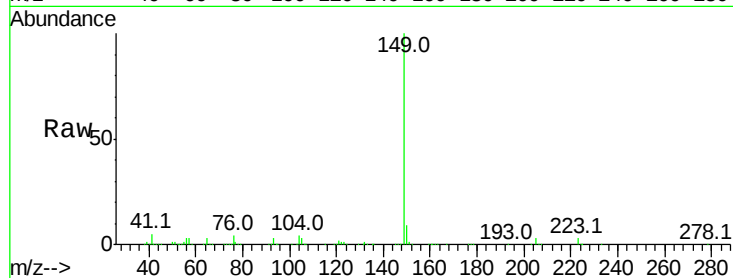
Tot Ion:149 Resp: 673098

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

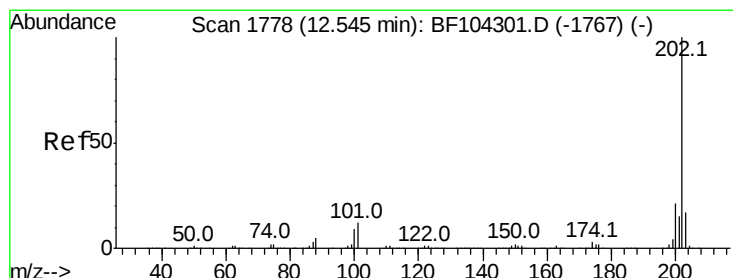
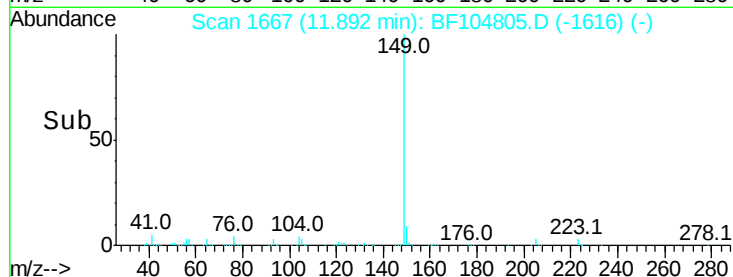
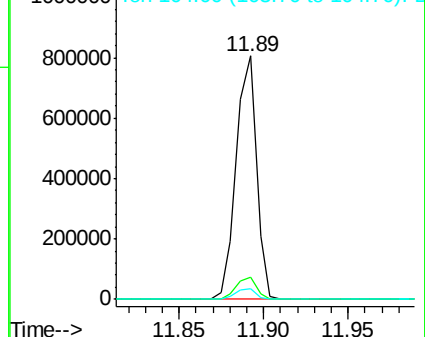
104 4.5 3.8 5.8



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: 34.554 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

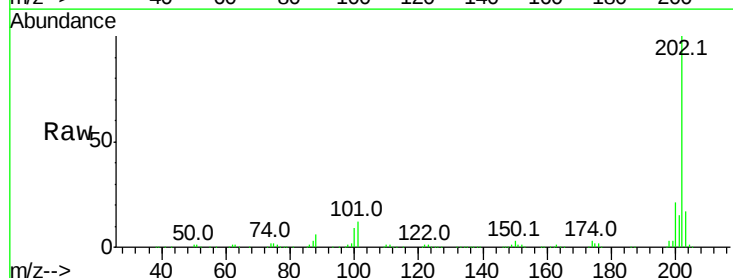
Tgt Ion:202 Resp: 496100

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.1

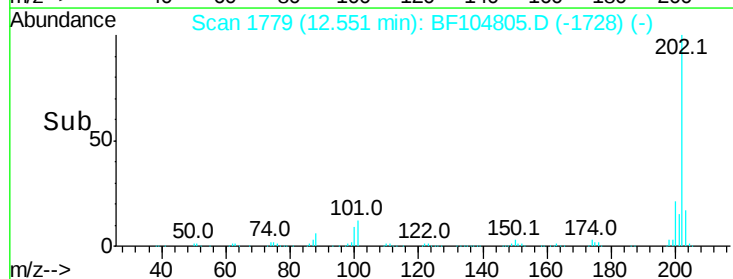
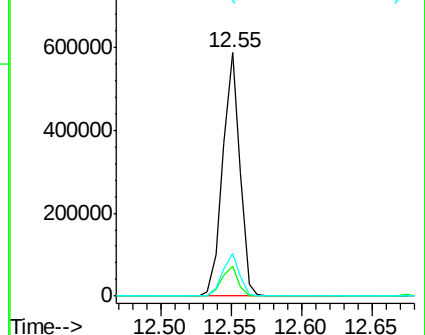
203 17.5 0.0 38.1

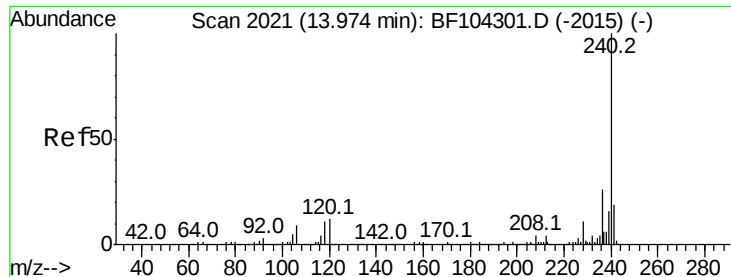


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

ClientSampled :

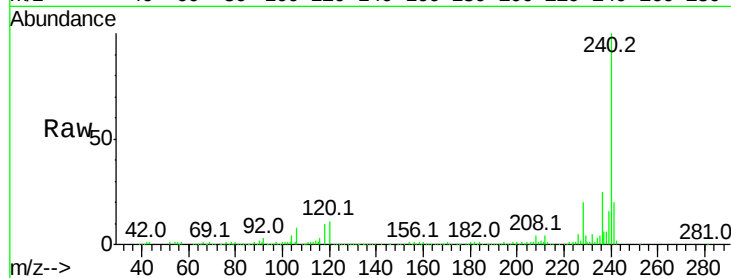
Tot Ion:240 Resp: 185915

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

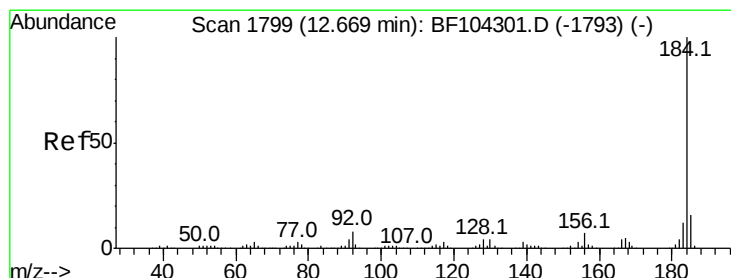
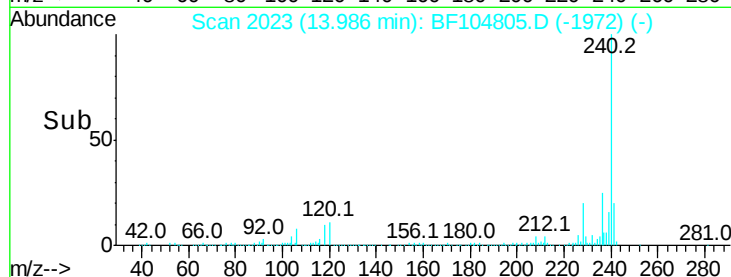
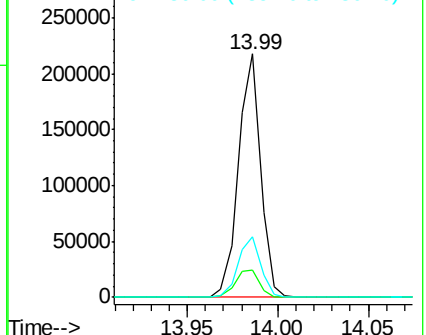
236 25.1 20.7 31.1



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: 66.238 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

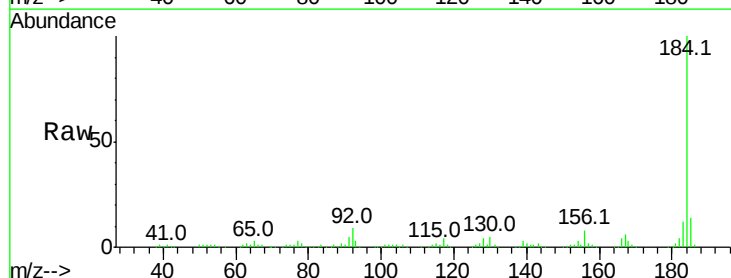
Tgt Ion:184 Resp: 350863

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

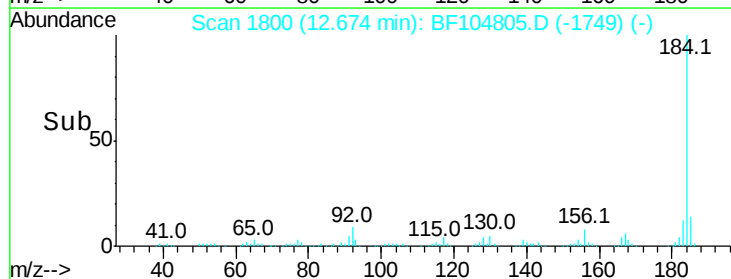
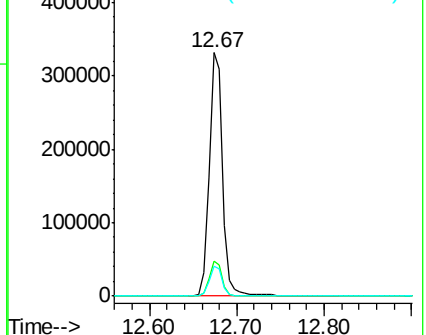
183 12.2 9.3 13.9

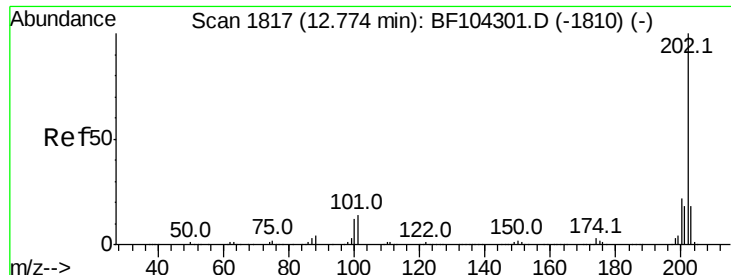


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

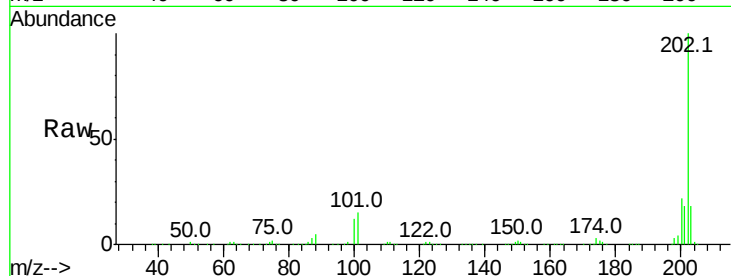




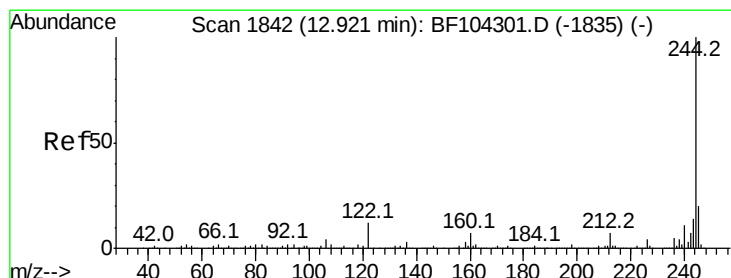
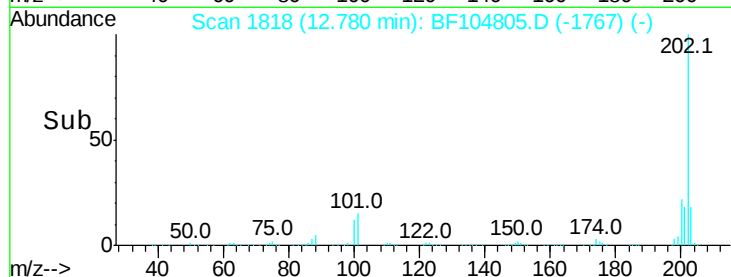
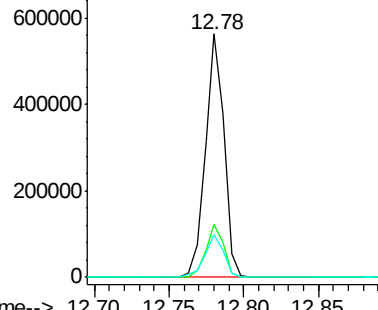
#77
 Pvrene
 Concen: 36.019 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 496370
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.4 26.2
 203 17.7 14.3 21.5

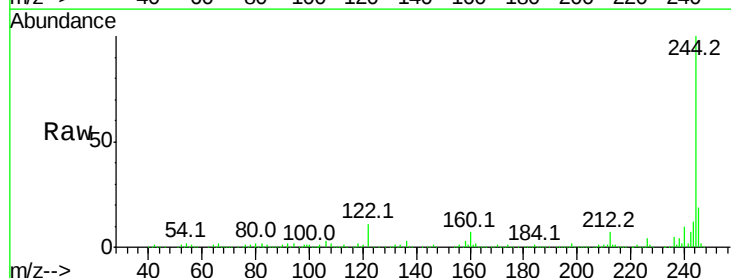


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

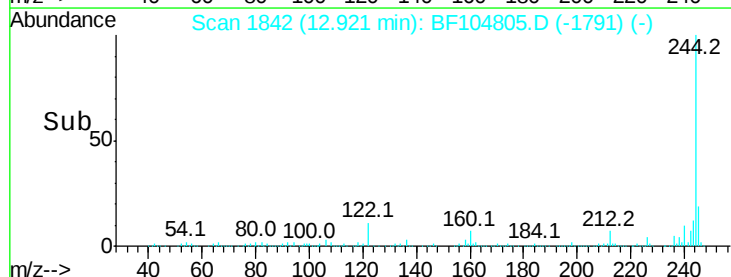
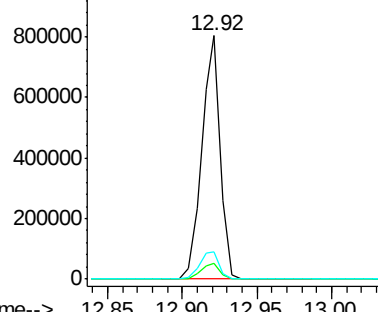


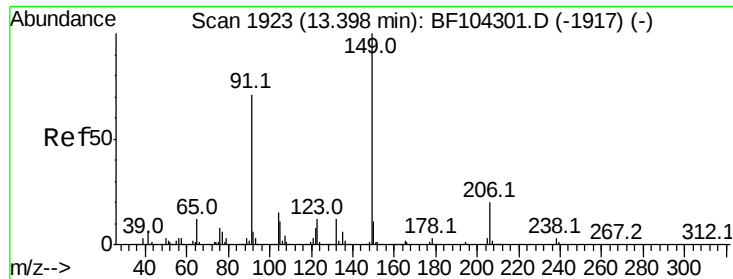
#78
 Terphenyl-d14
 Concen: 85.846 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tgt Ion:244 Resp: 700059
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.1 11.0 16.4



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

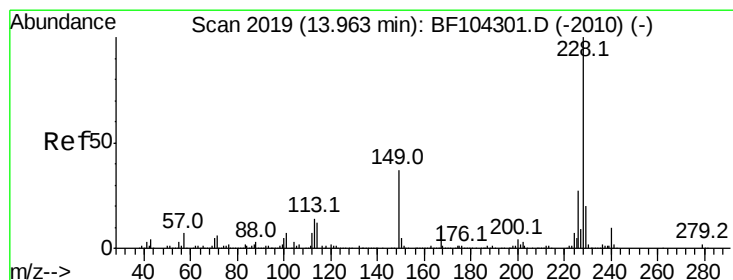
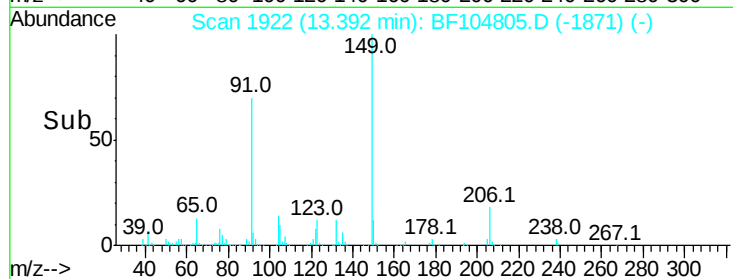
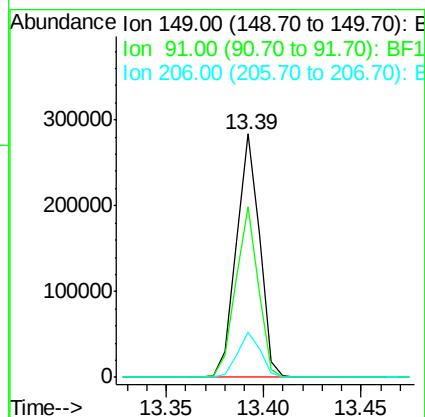
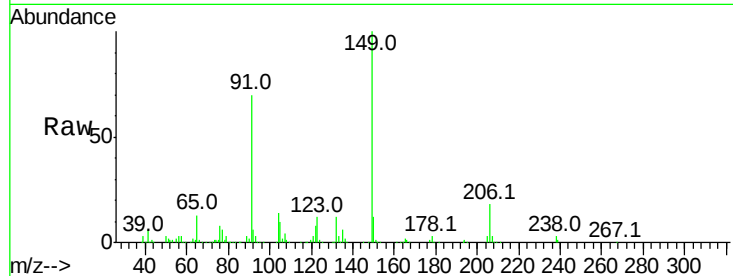




#79
Butylbenzylphthalate
Concen: 35.946 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

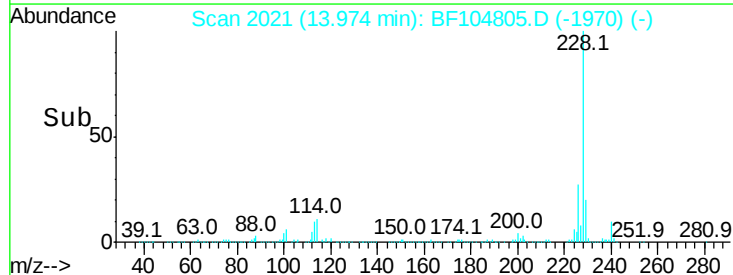
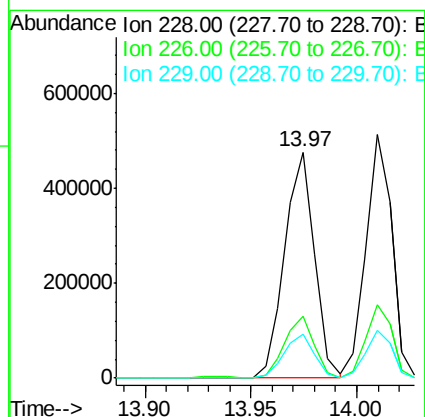
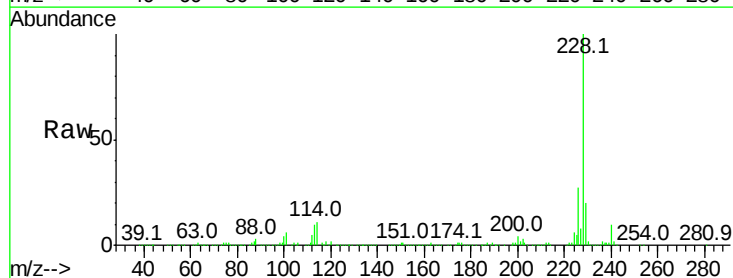
Instrument :
BNA_F
ClientSampleId :

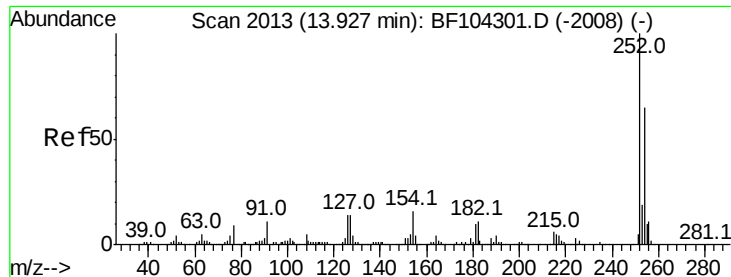
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.9	56.8	85.2
206	18.4	14.1	21.1



#80
Benzo(a)anthracene
Concen: 42.330 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	19.5	15.8	23.6

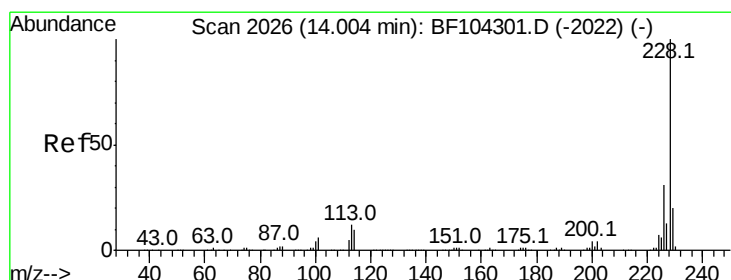
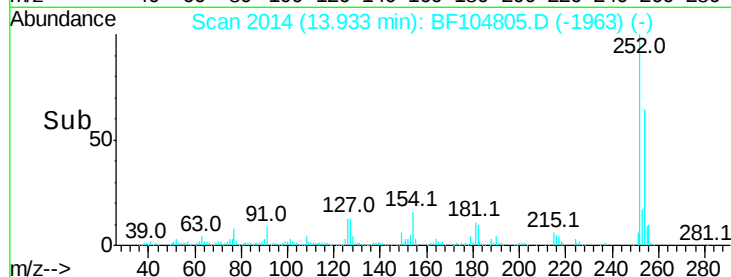
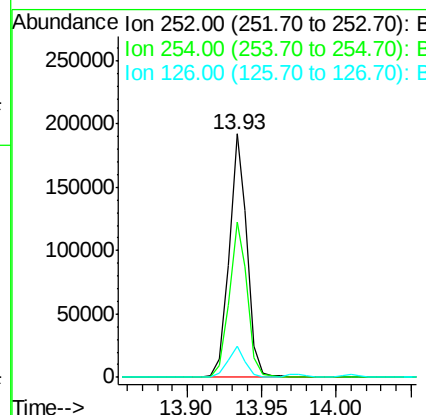
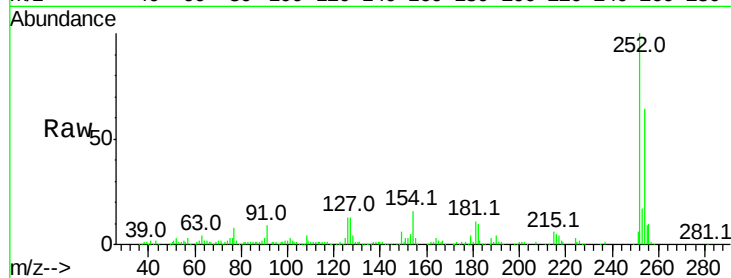




#81
 3,3'-Dichlorobenzidine
 Concen: 39.298 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

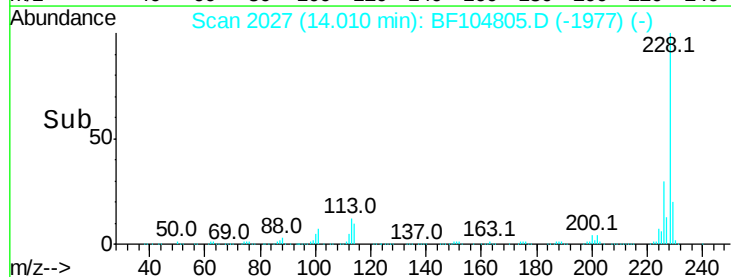
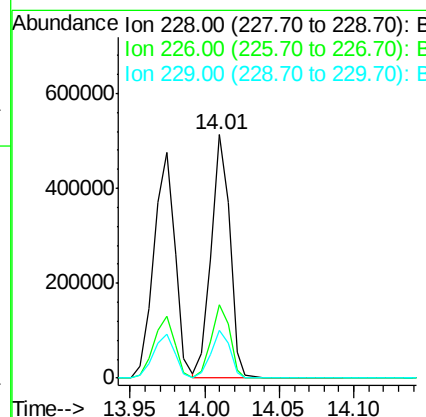
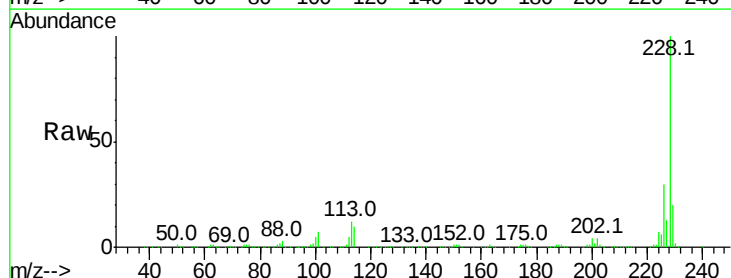
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 162741
 Ion Ratio Lower Upper
 252 100
 254 63.9 50.4 75.6
 126 12.7 11.3 16.9



#82
 Chrysene
 Concen: 38.742 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tgt Ion:228 Resp: 441979
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.0 37.6
 229 19.8 16.2 24.4

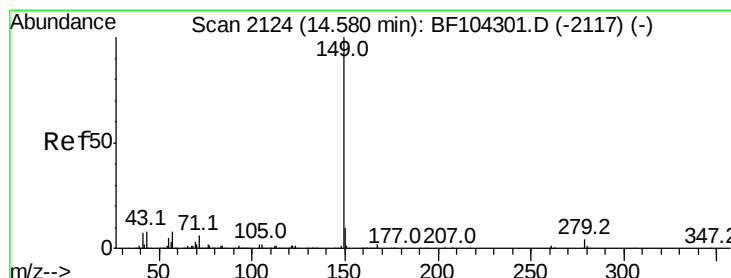
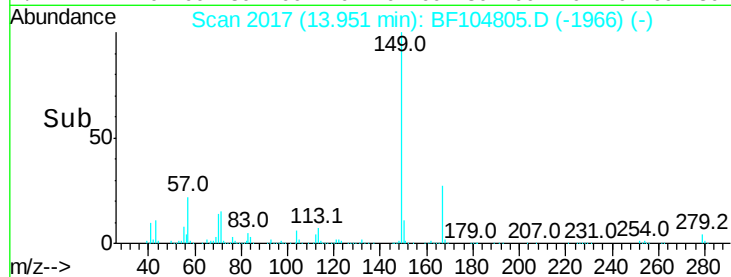
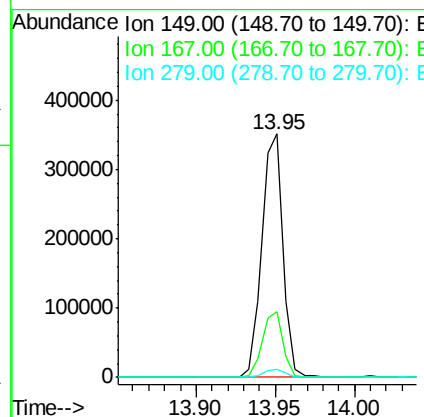
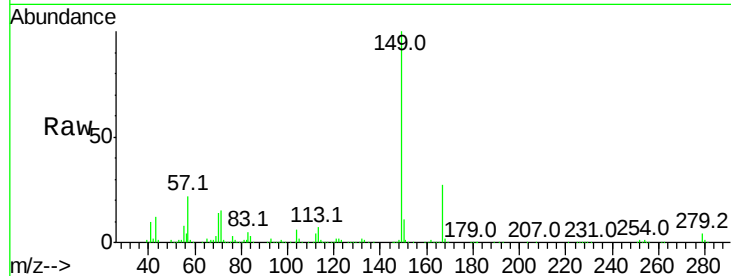




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.169 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

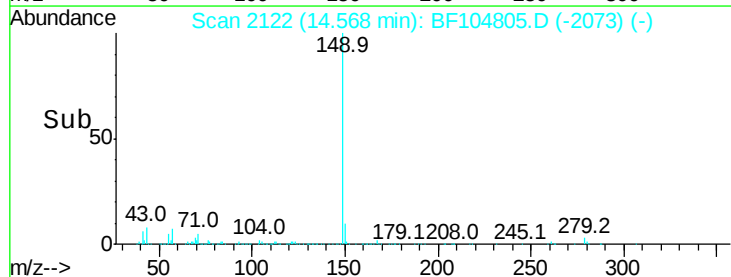
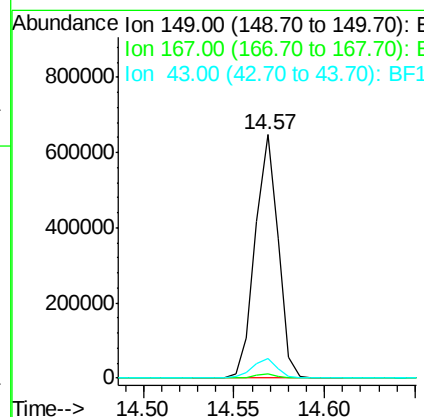
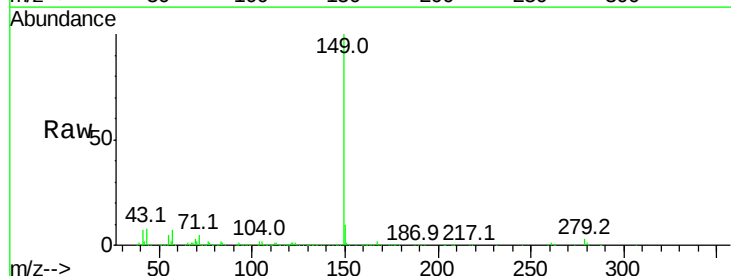
Instrument :
 BNA_F
 ClientSampleId :

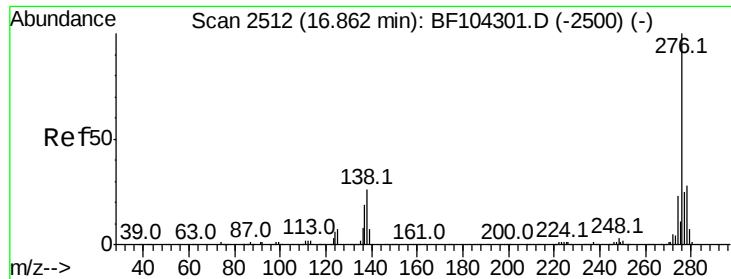
Tot Ion:149 Resp: 327087
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.3 31.9
 279 3.6 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 40.949 ng
 RT: 14.57 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tgt Ion:149 Resp: 571366
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 8.1 8.4 12.6#

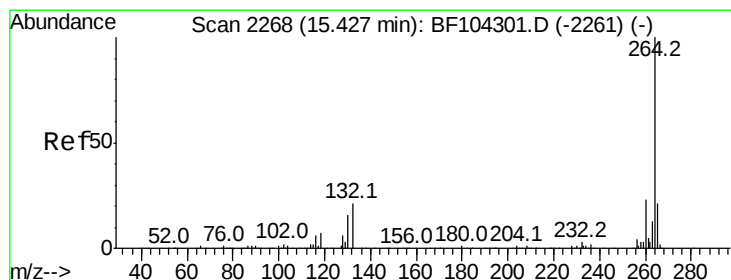
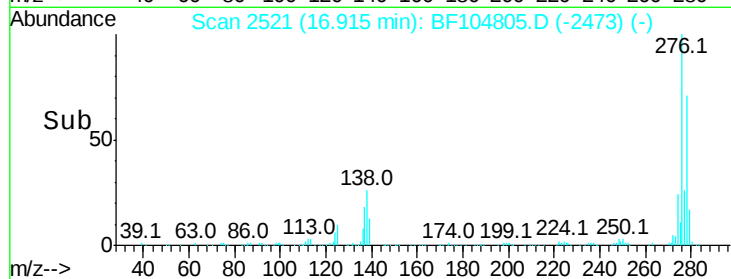
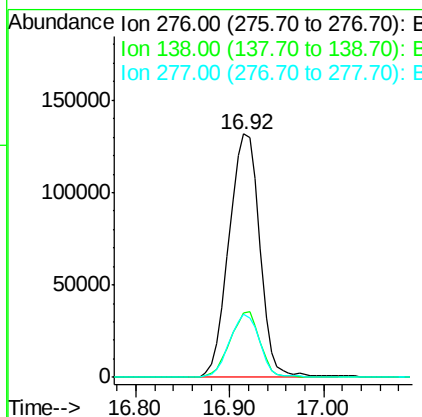
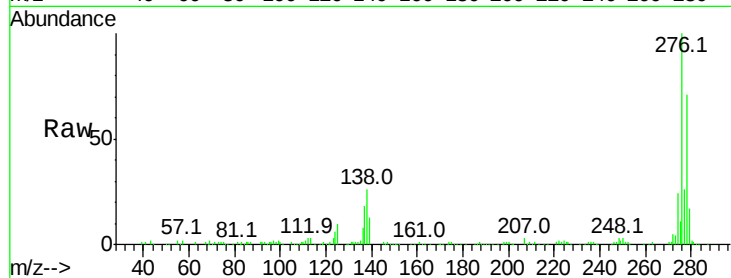




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.114 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. -0.02 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

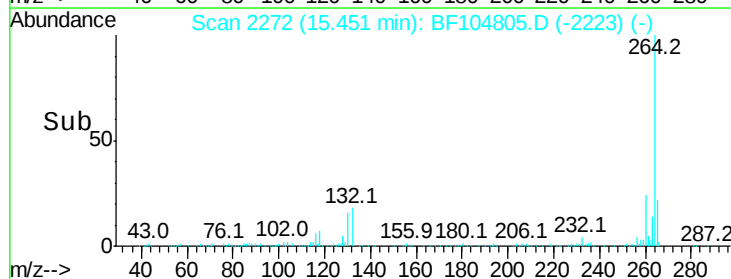
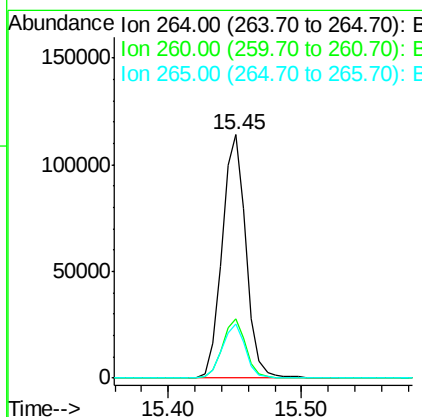
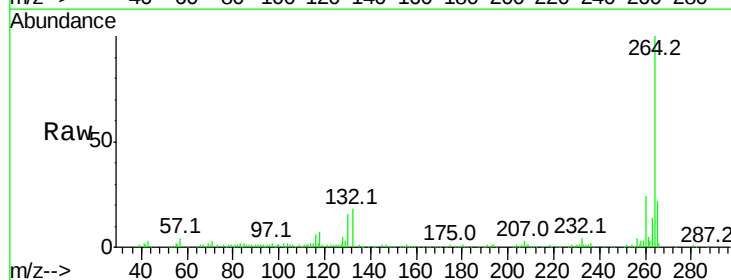
Instrument :
 BNA_F
 ClientSampleId :

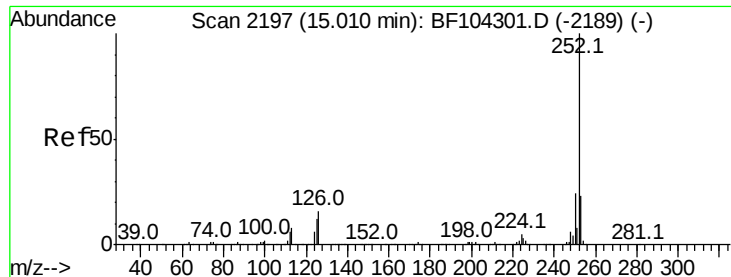
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.4	25.0	37.6
277	25.5	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 43.155 ng

RT: 15.03 min Scan# 2200

Delta R.T. -0.01 min

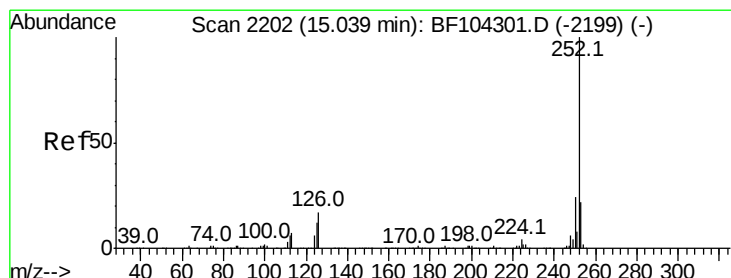
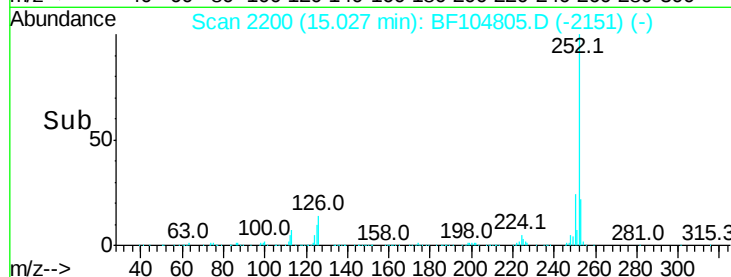
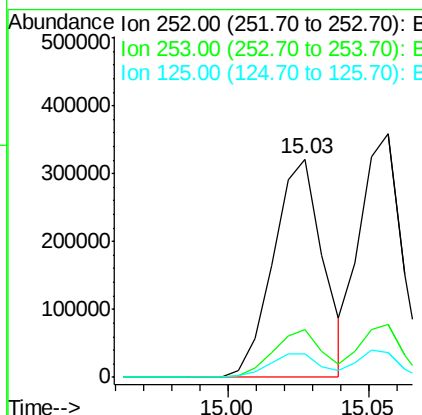
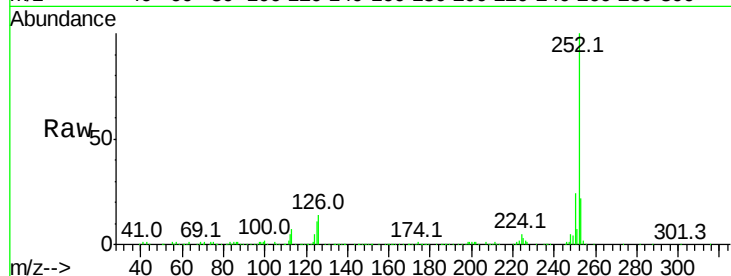
Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 392404

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	10.5	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 45.710 ng

RT: 15.03 min Scan# 2200

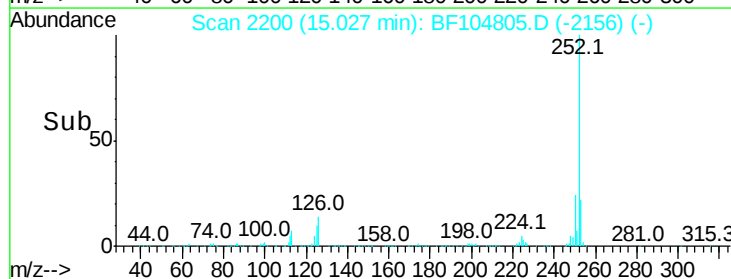
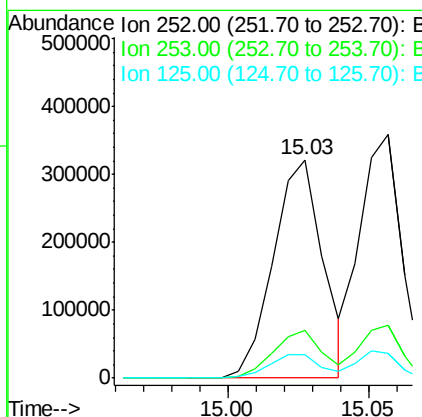
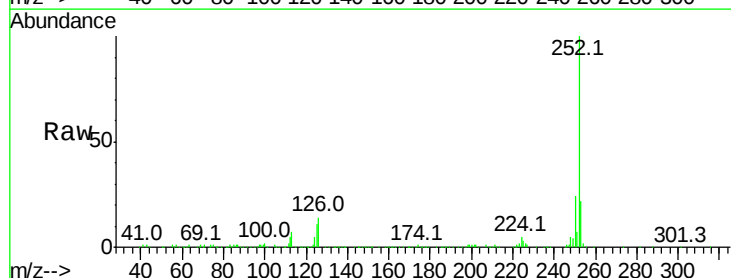
Delta R.T. -0.04 min

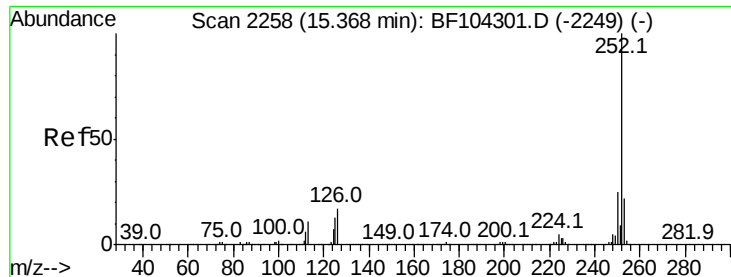
Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Tgt Ion:252 Resp: 392404

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	10.5	10.2	15.2

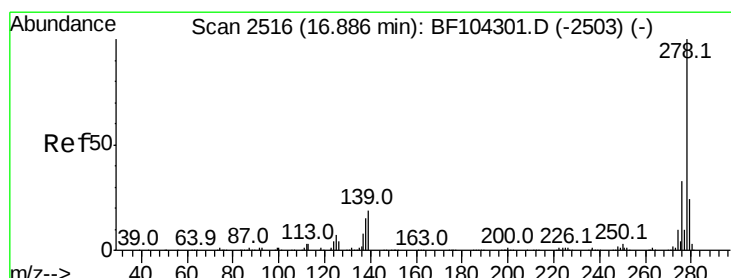
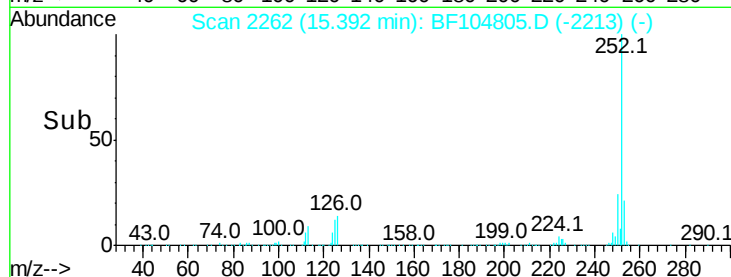
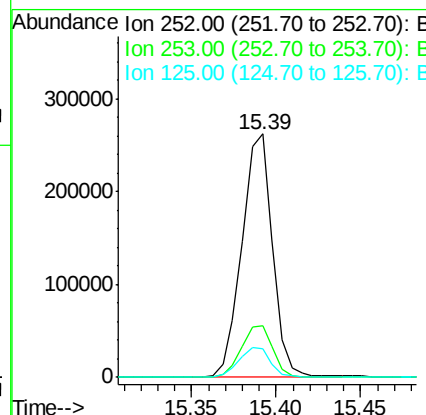
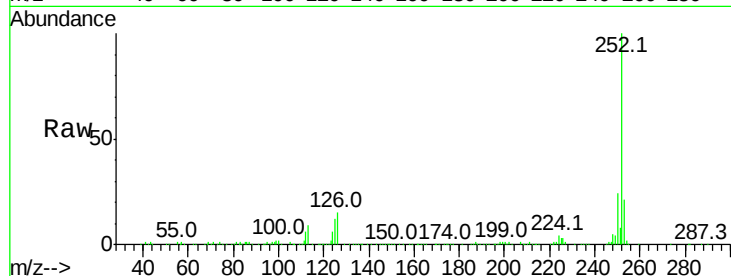




#89
Benzo(a)pyrene
Concen: 40.903 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

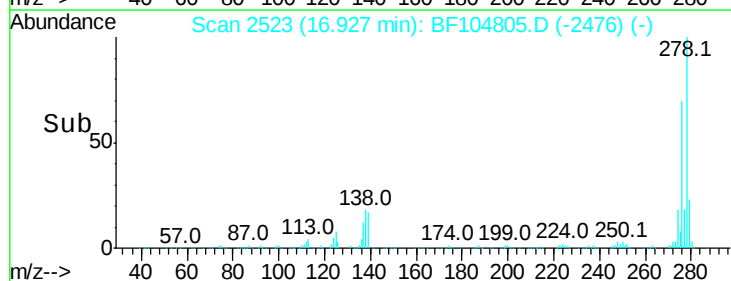
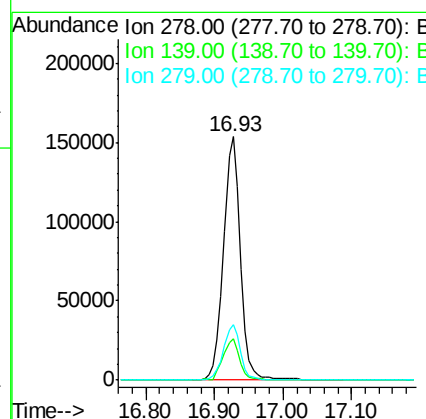
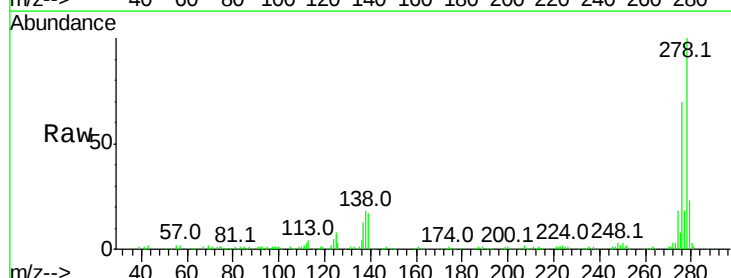
Instrument :
BNA_F
ClientSampleId :

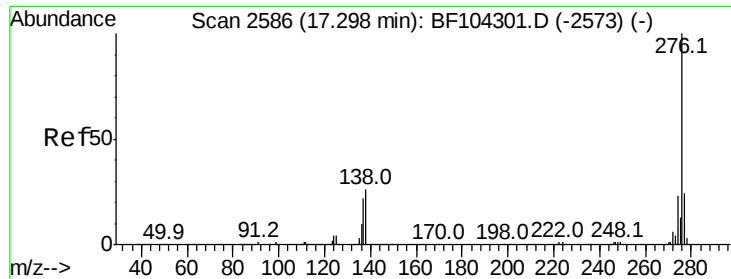
Tot Ion:252 Resp: 332786
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 11.8 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 39.162 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.02 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion:278 Resp: 261685
Ion Ratio Lower Upper
278 100
139 17.1 15.9 23.9
279 22.8 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 37.882 ng

RT: 17.36 min Scan# 2596

Delta R.T. -0.02 min

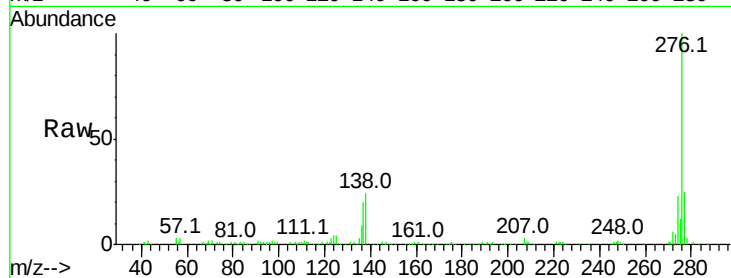
Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

ClientSampleId :



Tot Ion:	276	Resp:	245240
Ion	Ratio	Lower	Upper
276	100		
277	24.9	17.9	26.9
138	23.9	21.8	32.8

