

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104494.D
 Acq On : 13 Apr 2018 22:15
 Operator : JU/SJ
 Sample : PB108218BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 13 22:56:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	122654	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	476086	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	201545	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	308977	20.00	ng	0.00
75) Chrysene-d12	13.99	240	213138	20.00	ng	0.00
86) Perylene-d12	15.45	264	150573	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	621735	77.51	ng	0.02
7) Phenol-d6	6.46	99	753295	76.43	ng	0.01
23) Nitrobenzene-d5	7.38	82	694308	95.23	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	157354	75.26	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1169064	91.63	ng	0.00
78) Terphenyl-d14	12.93	244	805132	86.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	146512	39.198	ng	90
3) Pyridine	3.35	79	408880	38.908	ng	87
4) n-Nitrosodimethylamine	3.32	42	174747	47.570	ng	81
6) Aniline	6.47	93	232683	16.993	ng	# 1
8) 2-Chlorophenol	6.60	128	418122	49.386	ng	94
9) Benzaldehyde	6.36	77	1318	Below Cal		89
10) Phenol	6.47	94	489263	46.786	ng	86
11) bis(2-Chloroethyl)ether	6.55	93	380996	45.655	ng	95
12) 1,3-Dichlorobenzene	6.75	146	424838	44.293	ng	99
13) 1,4-Dichlorobenzene	6.83	146	433981	45.390	ng	99
14) 1,2-Dichlorobenzene	6.99	146	402201	45.393	ng	98
15) Benzyl Alcohol	6.96	79	334945	44.744	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	476099	42.482	ng	86
17) 2-Methylphenol	7.07	107	334611	45.466	ng	93
18) Hexachloroethane	7.32	117	140921	41.338	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	266597	41.394	ng	93
20) 3+4-Methylphenols	7.23	107	393894	43.154	ng	# 69
22) Acetophenone	7.22	105	536066	45.736	ng	# 98
24) Nitrobenzene	7.40	77	422979	52.546	ng	100
25) Isophorone	7.64	82	765533	49.653	ng	99
26) 2-Nitrophenol	7.72	139	202059	61.659	ng	93
27) 2,4-Dimethylphenol	7.76	122	354734	52.133	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	489496	51.927	ng	99
29) 2,4-Dichlorophenol	7.96	162	322652	49.697	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	343462	48.205	ng	99
31) Naphthalene	8.12	128	1128055	47.584	ng	99
32) Benzoic acid	7.89	122	199076	36.668	ng	97
33) 4-Chloroaniline	8.17	127	163312	16.080	ng	97
34) Hexachlorobutadiene	8.23	225	187220	47.972	ng	99
35) Caprolactam	8.50	113	6367	2.811	ng	92
36) 4-Chloro-3-methylphenol	8.66	107	342696	49.227	ng	98
37) 2-Methylnaphthalene	8.81	142	737566	48.098	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	308642	53.497	ng	99
40) Hexachlorocyclopentadiene	8.96	237	62664	19.401	ng	98

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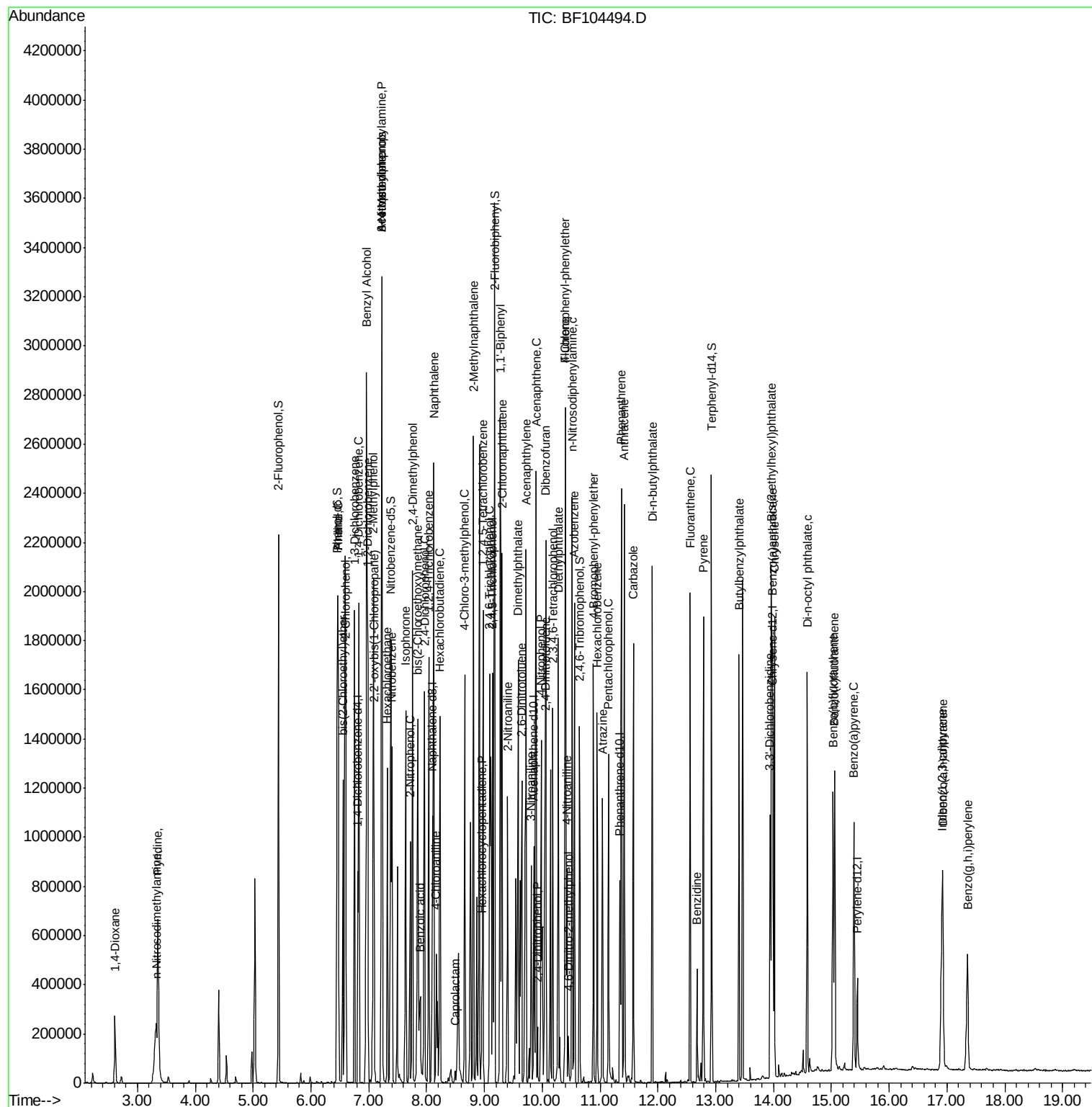
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	214872	53.651	nq	98
43) 2,4,5-Trichlorophenol	9.14	196	213911	47.729	nq	98
45) 1,1'-Biphenyl	9.27	154	841466	49.699	nq	100
46) 2-Chloronaphthalene	9.30	162	661613	49.472	nq	99
47) 2-Nitroaniline	9.40	65	207606	62.773	nq	94
48) Acenaphthylene	9.72	152	962391	45.866	nq	100
49) Dimethylphthalate	9.58	163	811392	51.052	nq	100
50) 2,6-Dinitrotoluene	9.65	165	169118	57.506	nq	90
51) Acenaphthene	9.89	154	569197	44.461	nq	99
52) 3-Nitroaniline	9.81	138	140990	40.951	nq	99
53) 2,4-Dinitrophenol	9.92	184	27258	32.865	nq	# 24
54) Dibenzofuran	10.06	168	853594	47.844	nq	98
55) 4-Nitrophenol	9.99	139	236854	87.577	nq	95
56) 2,4-Dinitrotoluene	10.05	165	211192	54.747	nq	98
57) Fluorene	10.40	166	621224	47.837	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	159349	47.658	nq	93
59) Diethylphthalate	10.27	149	763976	48.265	nq	99
60) 4-Chlorophenyl-phenylether	10.40	204	299664	51.815	nq	94
61) 4-Nitroaniline	10.43	138	167221	49.674	nq	99
62) Azobenzene	10.56	77	665602	44.014	nq	95
64) 4,6-Dinitro-2-methylphenol	10.45	198	22206	19.845	nq	91
65) n-Nitrosodiphenylamine	10.52	169	582310	54.355	nq	98
66) 4-Bromophenyl-phenylether	10.89	248	185478	56.436	nq	93
67) Hexachlorobenzene	10.95	284	191965	51.910	nq	93
68) Atrazine	11.05	200	136552	42.228	nq	99
69) Pentachlorophenol	11.15	266	157832	68.989	nq	98
70) Phenanthrene	11.37	178	829891	48.231	nq	99
71) Anthracene	11.42	178	844618	48.289	nq	100
72) Carbazole	11.58	167	762165	44.593	nq	99
73) Di-n-butylphthalate	11.90	149	1033278	49.490	nq	99
74) Fluoranthene	12.56	202	790233	43.956	nq	98
76) Benzidine	12.68	184	165273	18.951	nq	97
77) Pyrene	12.79	202	793022	50.196	nq	99
79) Butylbenzylphthalate	13.40	149	387013	51.998	nq	99
80) Benzo(a)anthracene	13.98	228	662965	52.066	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	232040	48.875	nq	# 97
82) Chrysene	14.02	228	631151	48.257	nq	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	516776	53.980	nq	99
84) Di-n-octyl phthalate	14.59	149	838782	52.436	nq	96
85) Indeno(1,2,3-cd)pyrene	16.92	276	482494	43.428	nq	96
87) Benzo(b)fluoranthene	15.03	252	575568	60.523	nq	98
88) Benzo(k)fluoranthene	15.06	252	507895	56.570	nq	99
89) Benzo(a)pyrene	15.39	252	484605	56.952	nq	98
90) Dibenzo(a,h)anthracene	16.93	278	413125	59.115	nq	98
91) Benzo(g,h,i)perylene	17.36	276	393699	58.148	nq	95

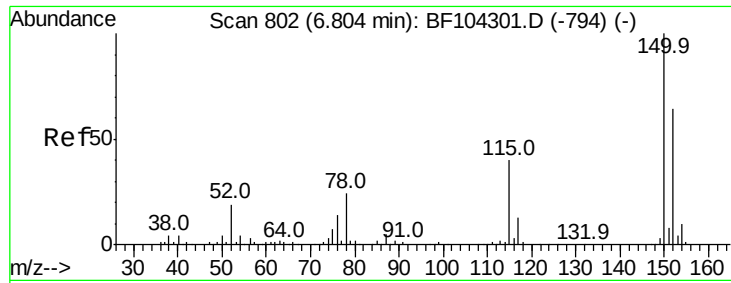
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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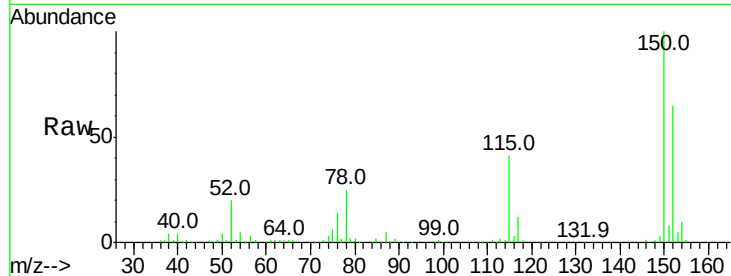


#1

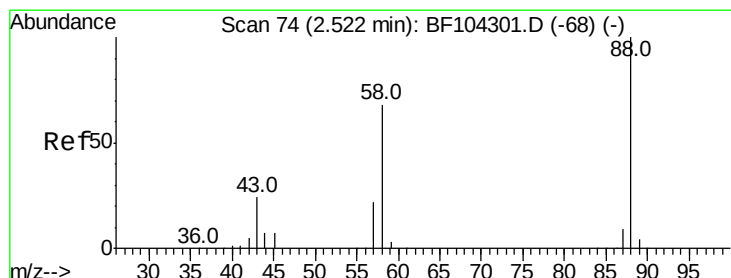
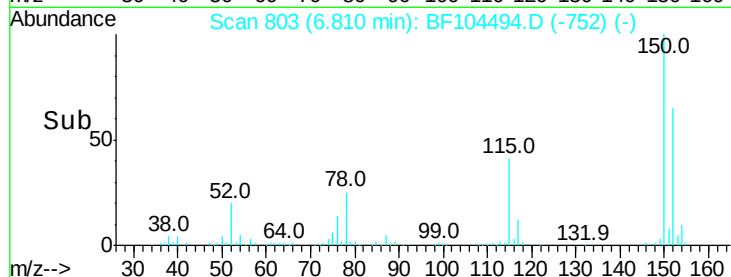
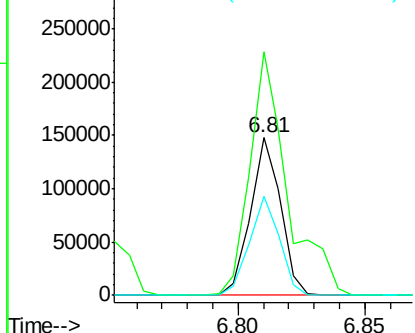
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 122654
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 62.8 50.1 75.1



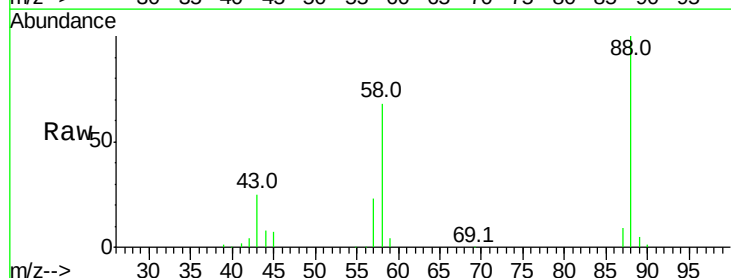
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



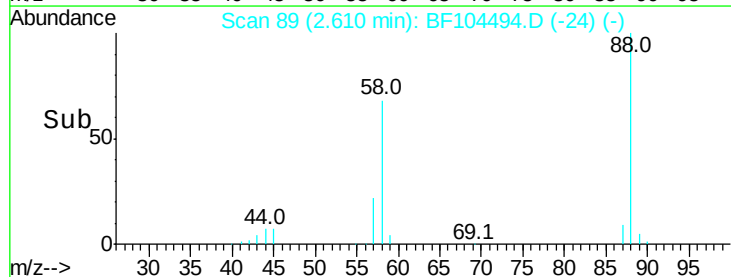
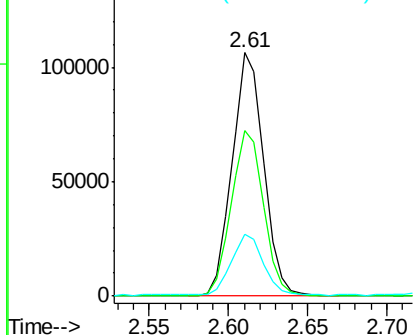
#2

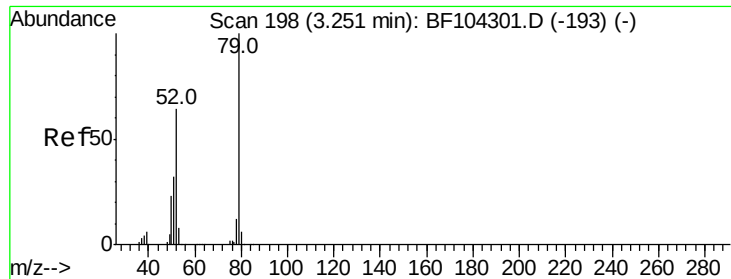
1,4-Dioxane
Concen: 39.198 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.08 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion: 88 Resp: 146512
Ion Ratio Lower Upper
88 100
58 69.6 62.6 93.8
43 25.7 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: 38.908 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.08 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Instrument :

BNA_F

ClientSampleId :

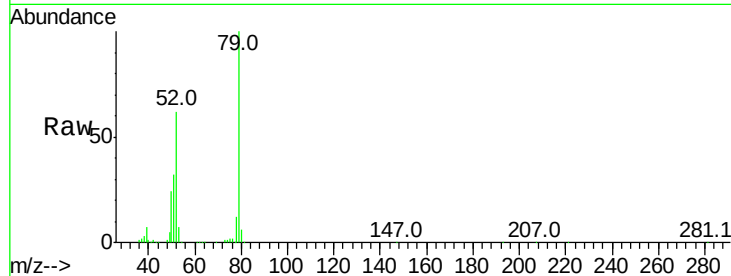
Tot Ion: 79 Resp: 408880

Ion Ratio Lower Upper

79 100

52 61.5 59.8 89.6

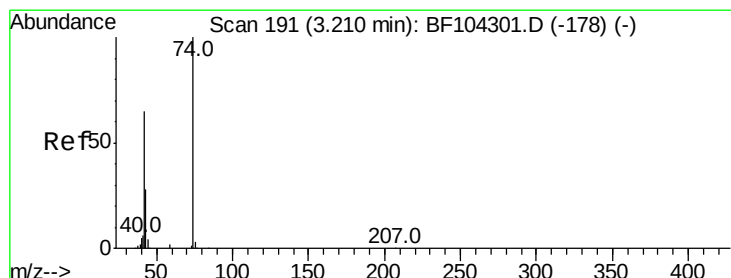
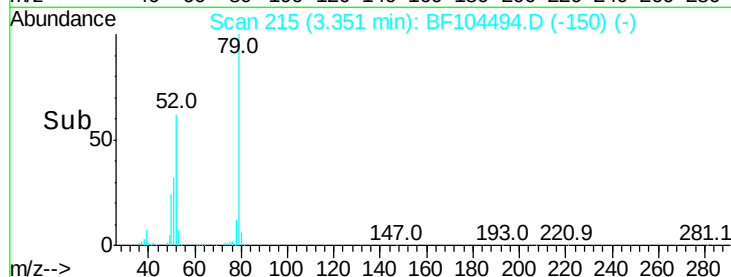
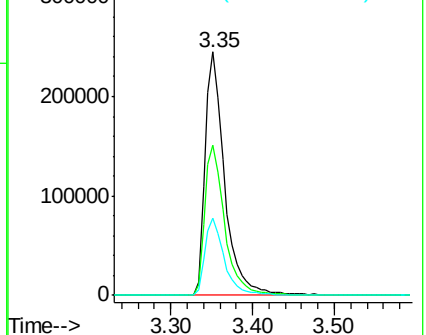
51 31.9 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 47.570 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.09 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

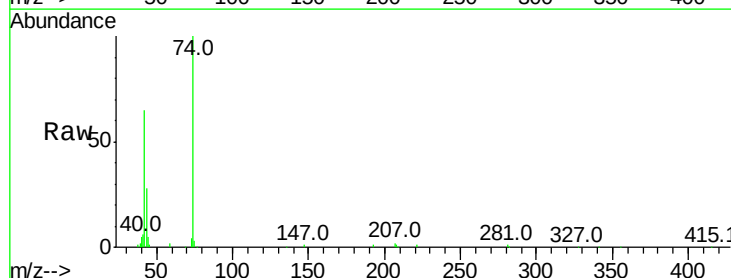
Tgt Ion: 42 Resp: 174747

Ion Ratio Lower Upper

42 100

74 154.8 104.9 157.3

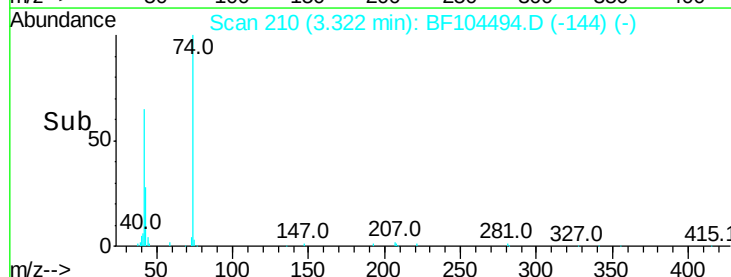
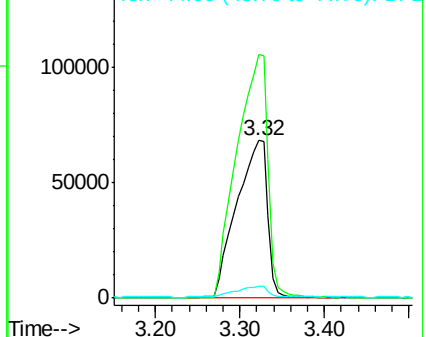
44 7.6 6.9 10.3

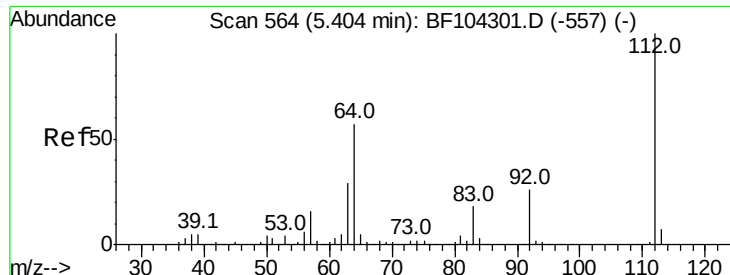


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 77.508 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Instrument :

BNA_F

ClientSampled :

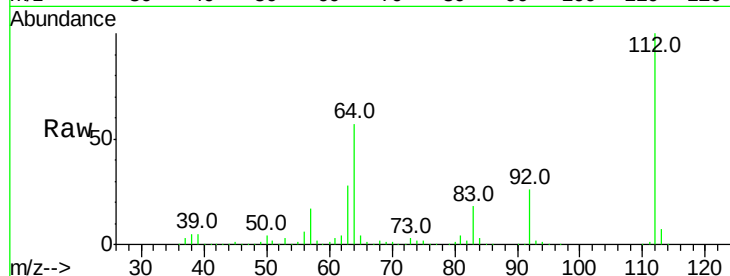
Tot Ion:112 Resp: 621735

Ion Ratio Lower Upper

112 100

64 56.6 47.9 71.9

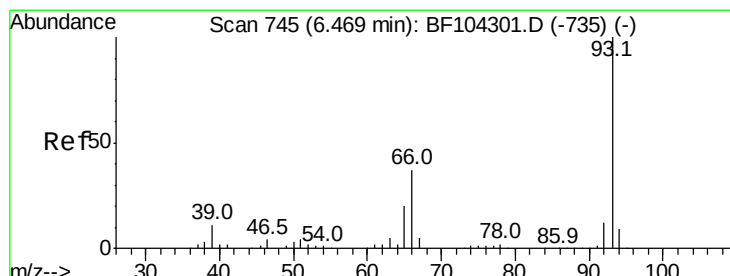
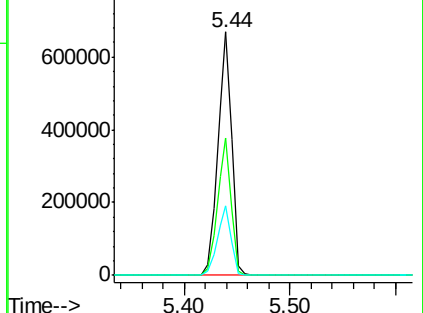
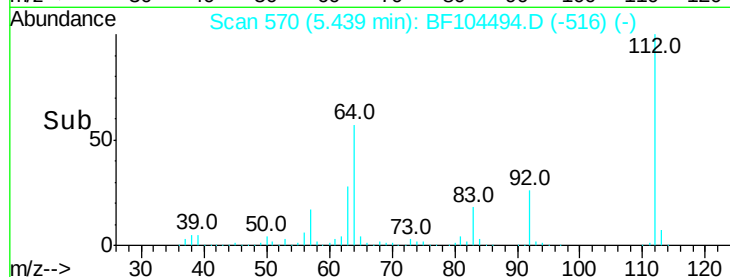
63 28.5 23.7 35.5



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: 16.993 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

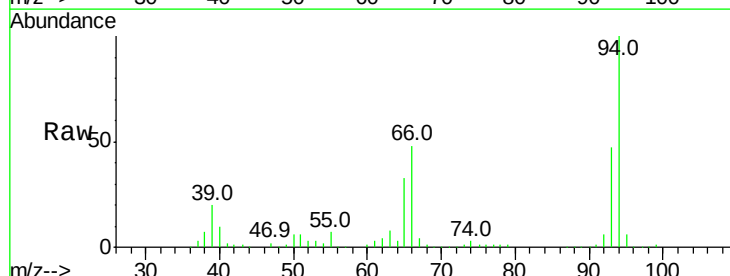
Tgt Ion: 93 Resp: 232683

Ion Ratio Lower Upper

93 100

66 103.7 32.2 48.2#

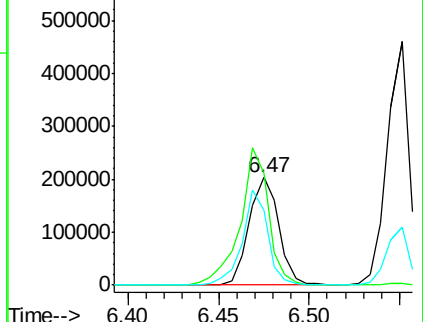
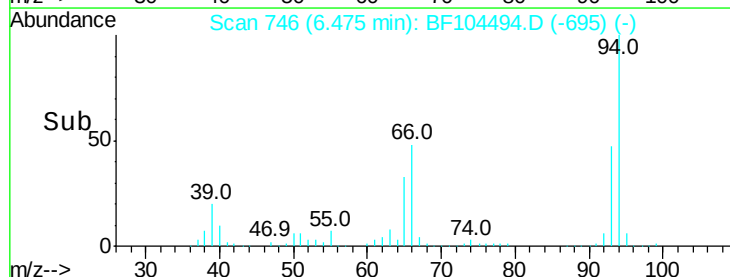
65 69.9 16.4 24.6#

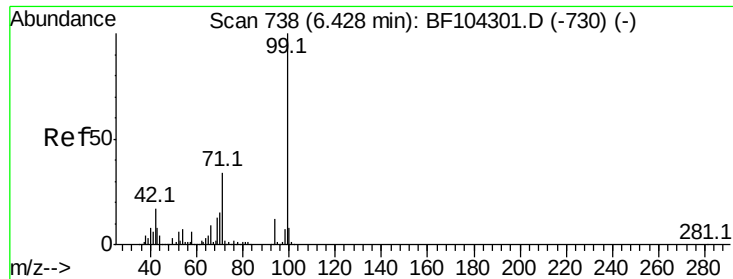


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.431 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

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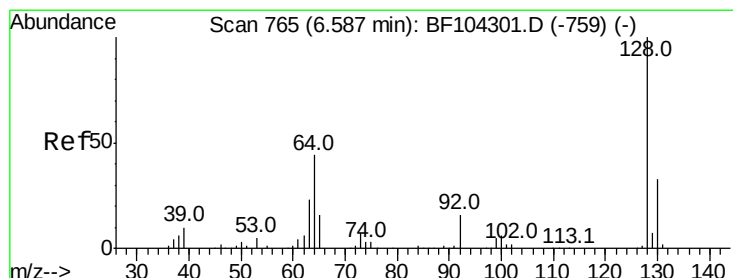
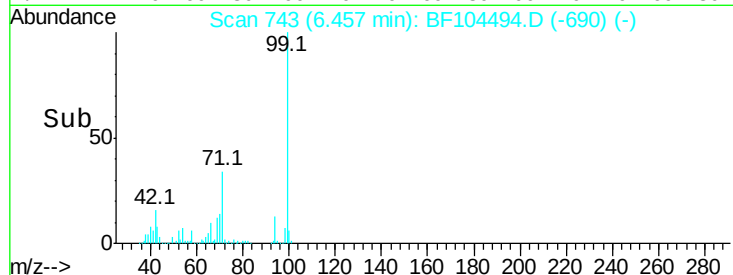
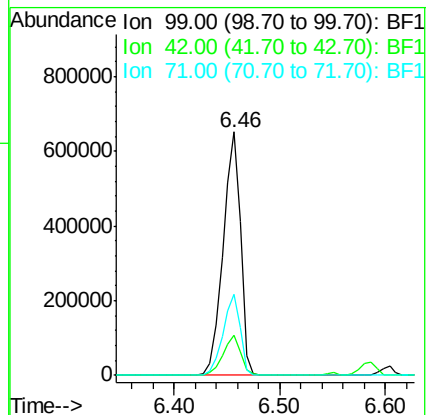
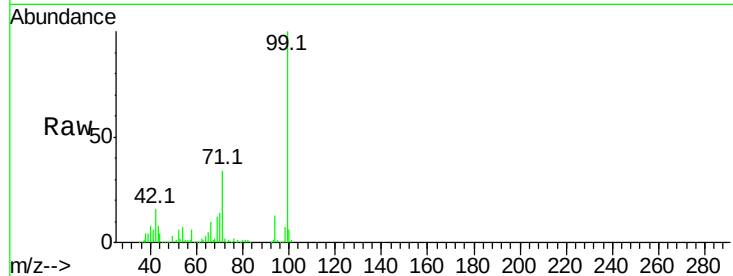
Tot Ion: 99 Resp: 753295

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

71 33.5 25.4 38.0



#8

2-Chlorophenol

Concen: 49.386 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

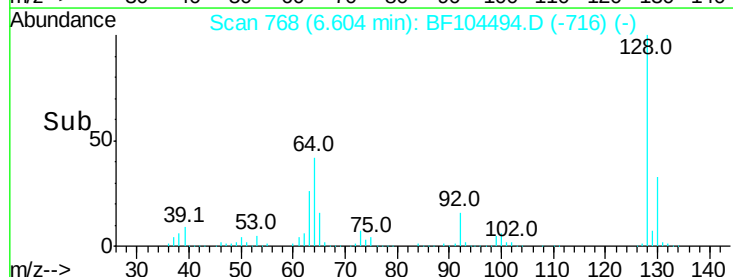
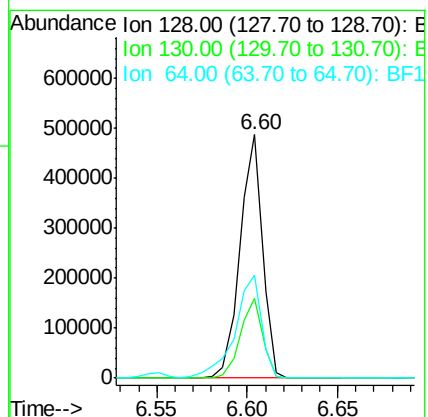
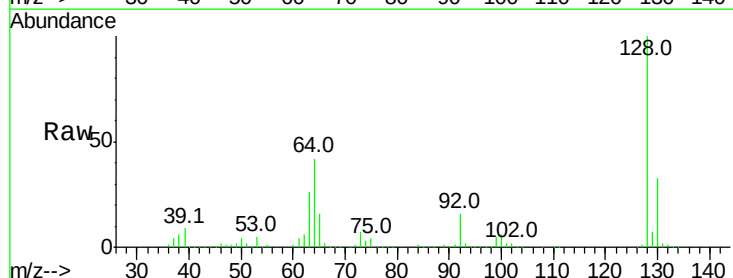
Tgt Ion: 128 Resp: 418122

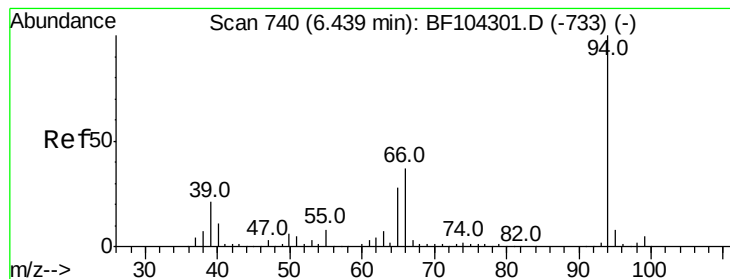
Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 42.1 29.4 69.4





#10

Phenol

Concen: 46.786 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Instrument :

BNA_F

ClientSampleId :

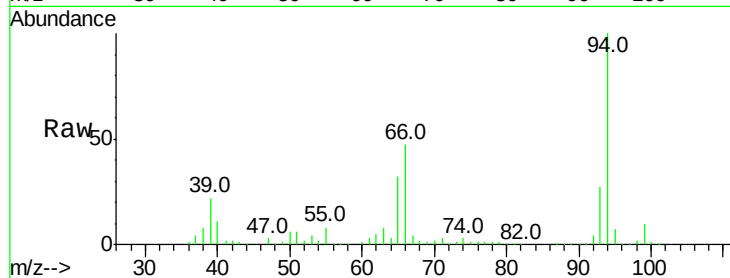
Tot Ion: 94 Resp: 489263

Ion Ratio Lower Upper

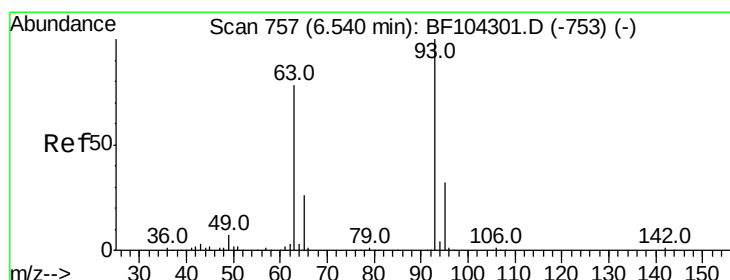
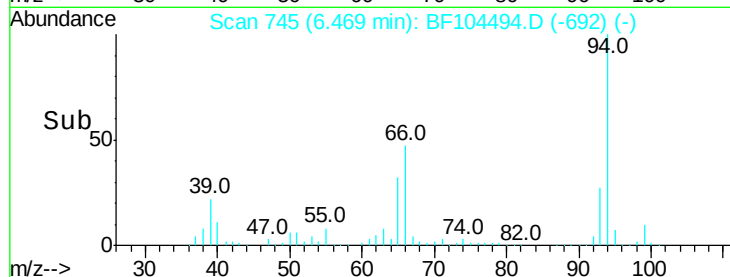
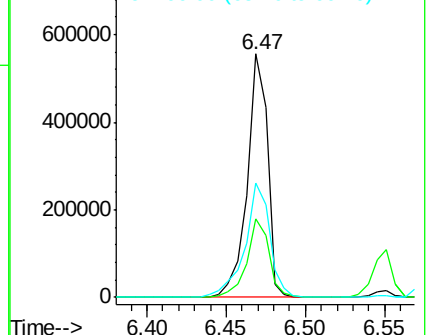
94 100

65 32.3 7.9 47.9

66 46.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 45.655 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

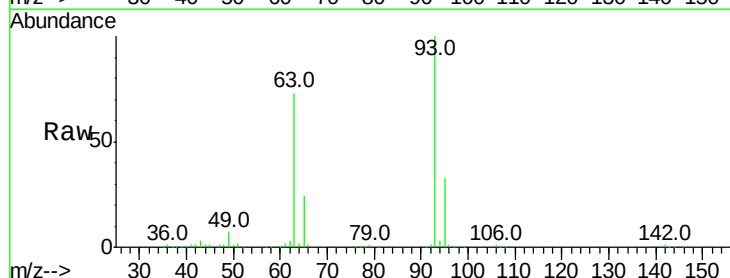
Tgt Ion: 93 Resp: 380996

Ion Ratio Lower Upper

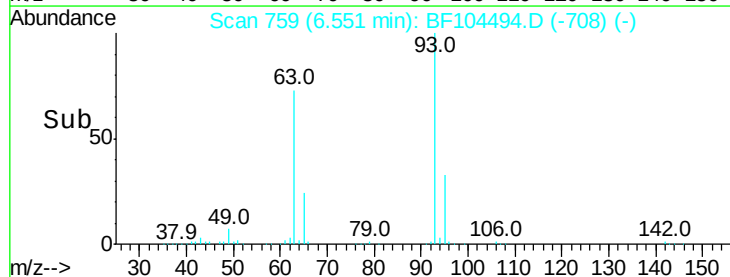
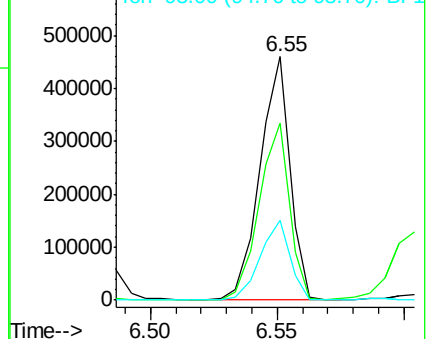
93 100

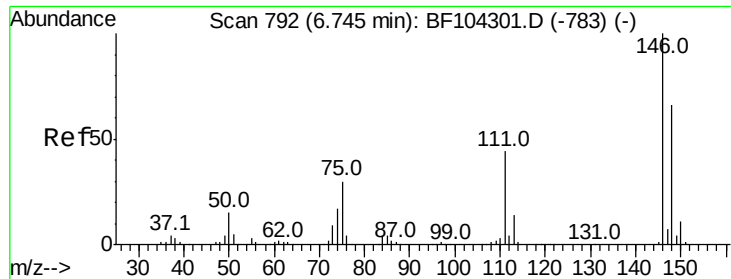
63 72.5 58.6 98.6

95 32.6 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

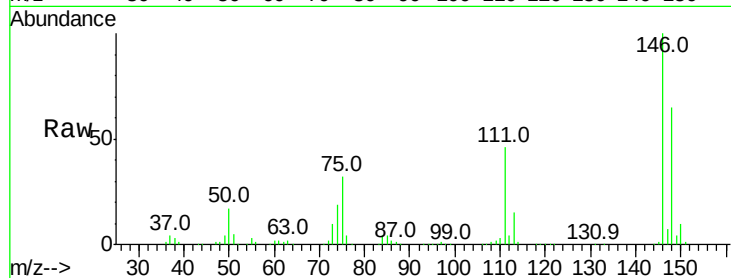




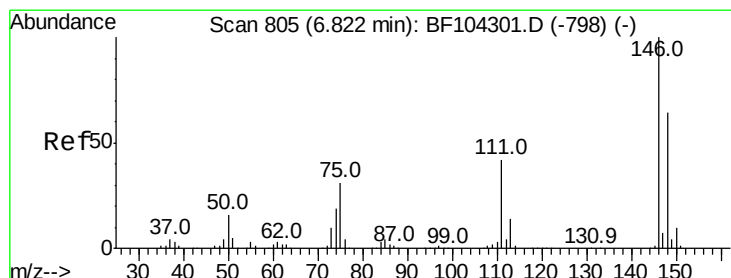
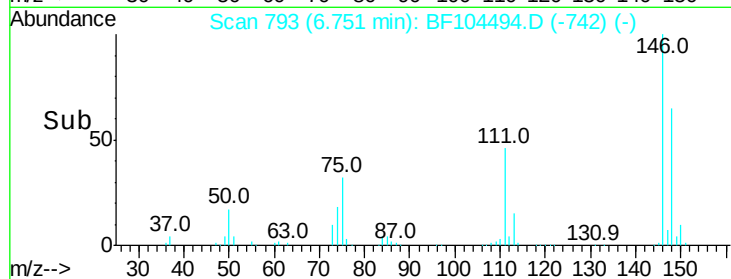
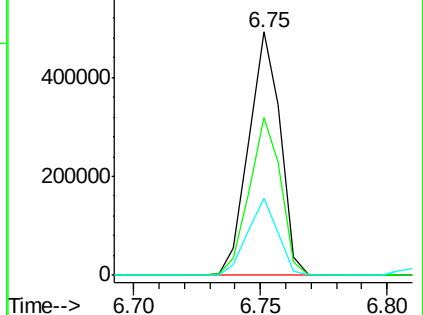
#12
 1,3-Dichlorobenzene
 Concen: 44.293 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
75	31.9	24.2	36.4

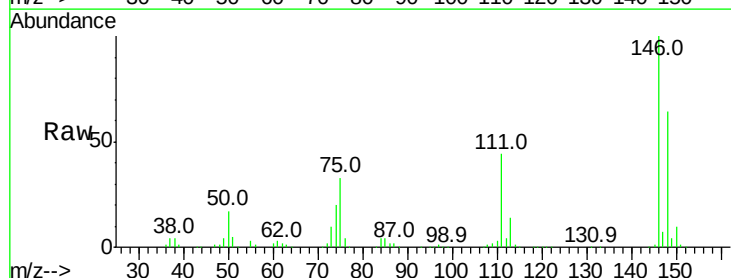


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

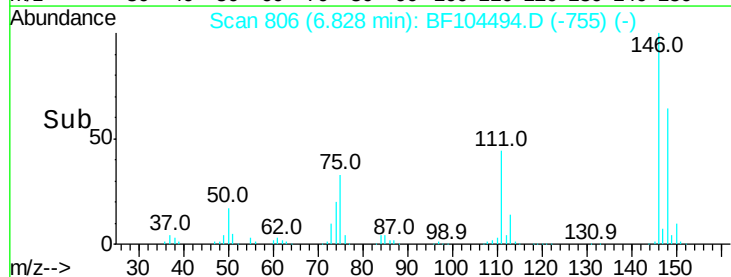
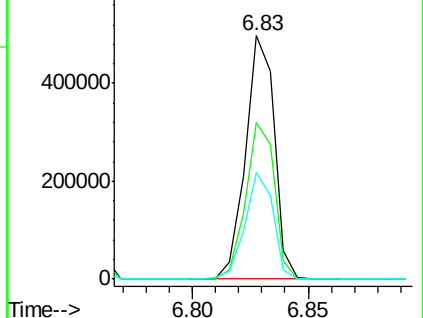


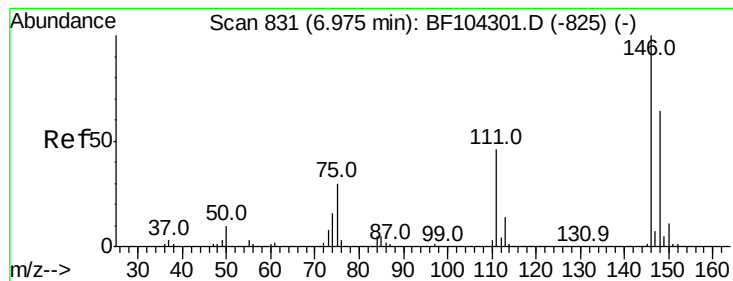
#13
 1,4-Dichlorobenzene
 Concen: 45.390 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	44.0	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: 45.393 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Instrument :

BNA_F

ClientSampleId :

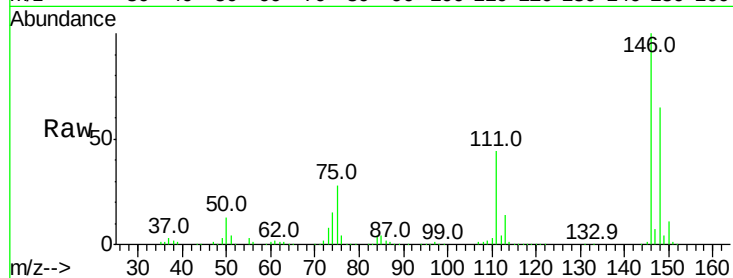
Tot Ion:146 Resp: 402201

Ion Ratio Lower Upper

146 100

148 64.8 50.6 75.8

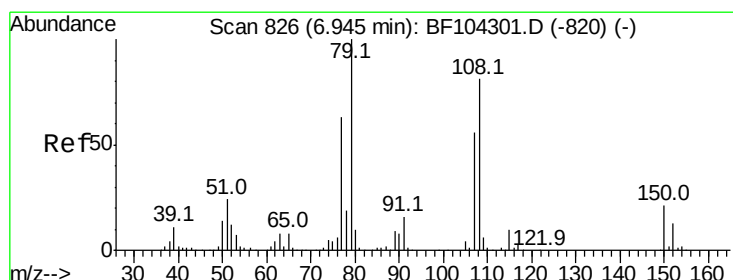
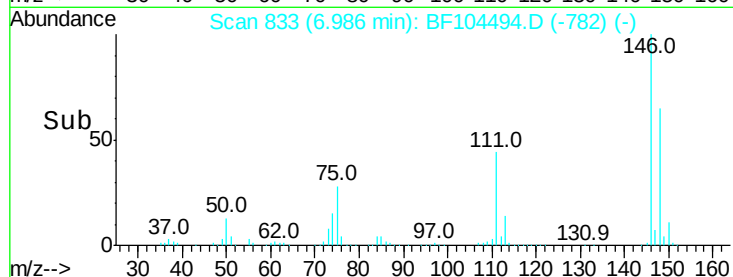
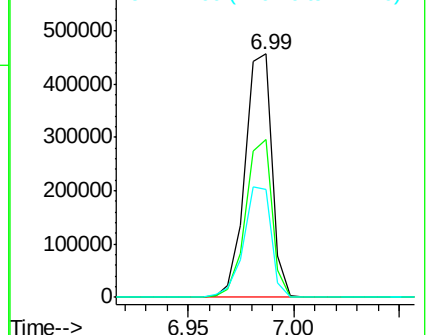
111 44.1 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 44.744 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

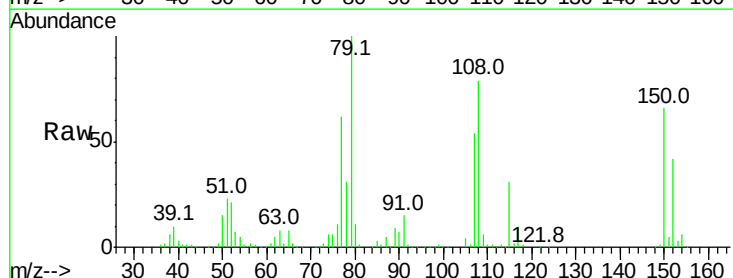
Tgt Ion: 79 Resp: 334945

Ion Ratio Lower Upper

79 100

108 78.7 65.1 97.7

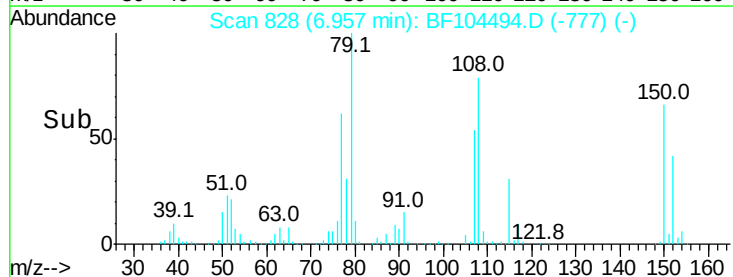
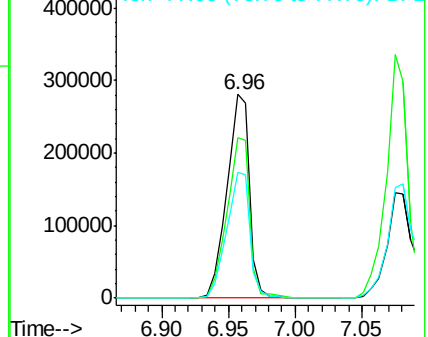
77 61.8 50.6 75.8

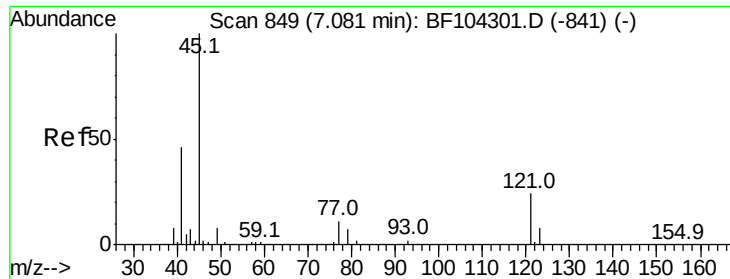


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

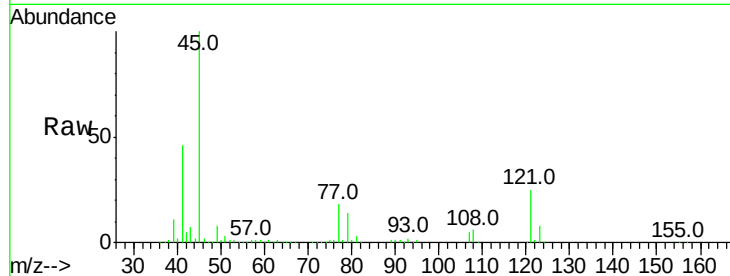




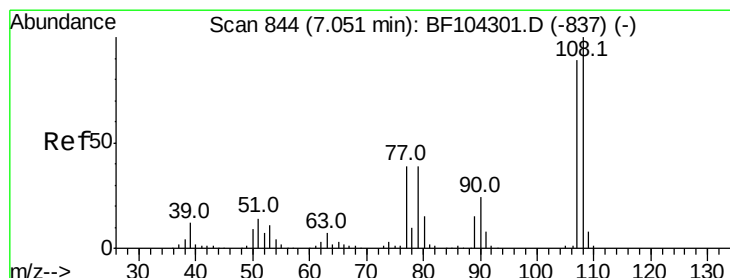
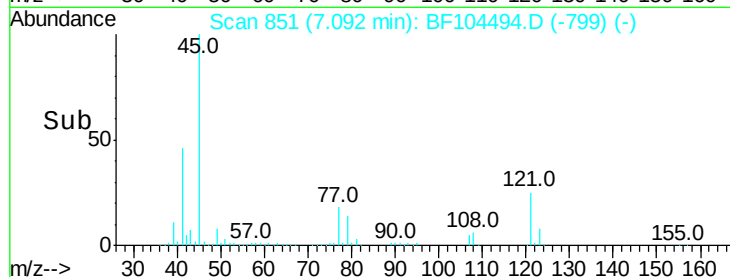
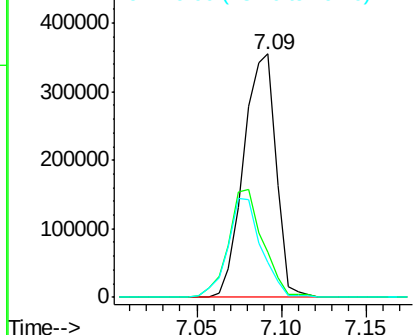
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 42.482 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 45 Resp: 476099
Ion Ratio Lower Upper
45 100
77 18.5 0.0 32.9
79 14.4 0.0 29.6

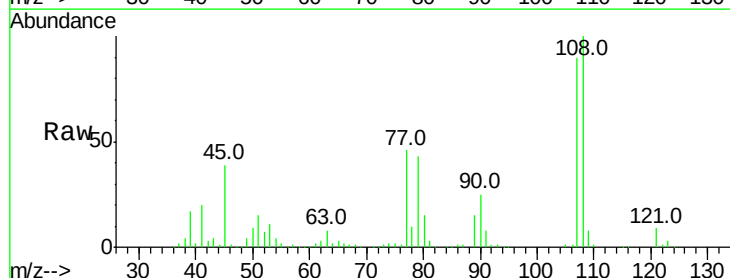


Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

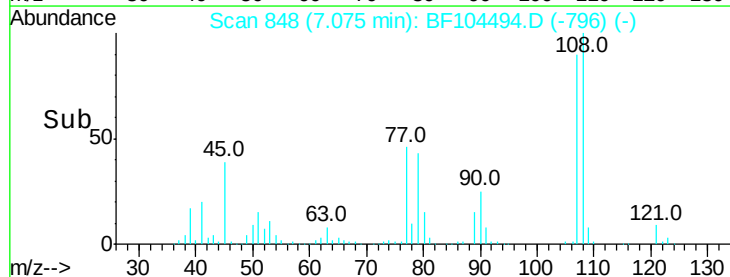
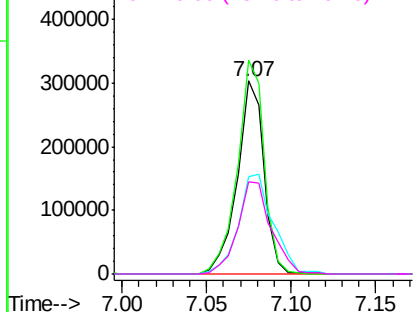


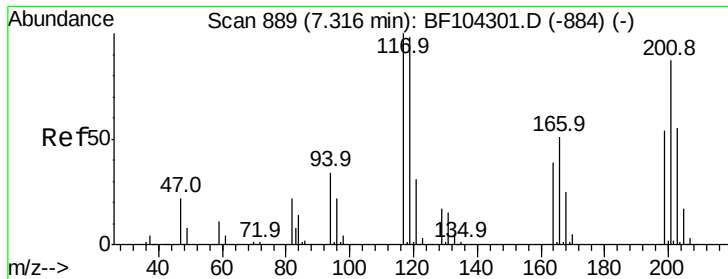
#17
2-Methylphenol
Concen: 45.466 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion:107 Resp: 334611
Ion Ratio Lower Upper
107 100
108 110.8 91.7 137.5
77 50.5 33.8 50.8
79 47.8 33.8 50.8



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

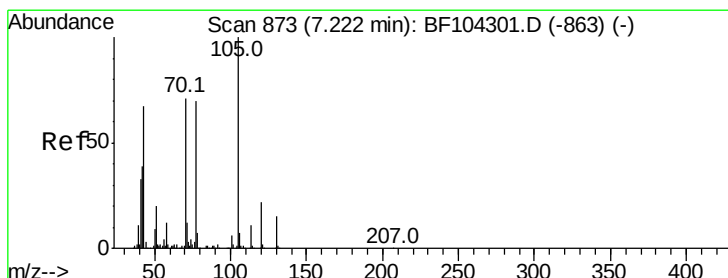
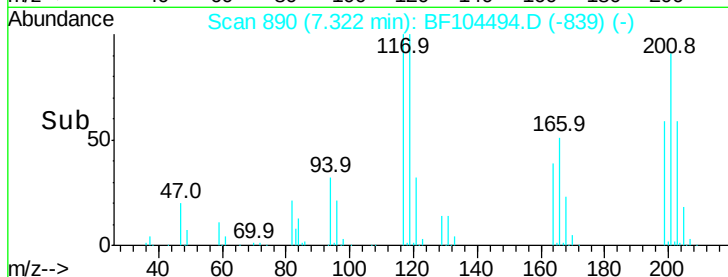
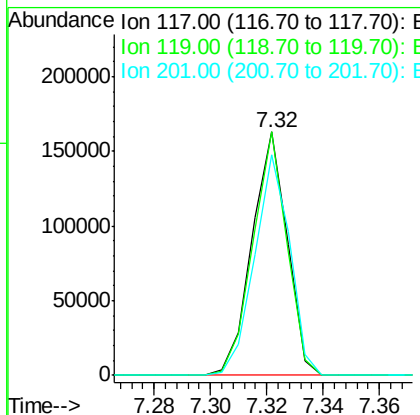
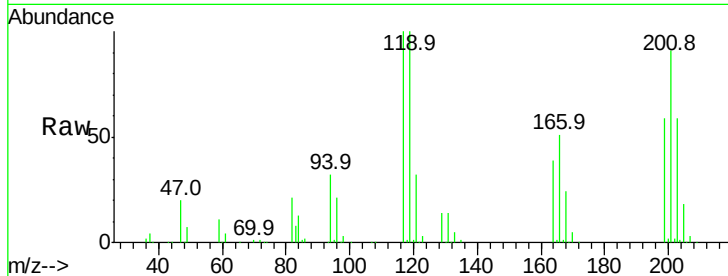




#18
Hexachloroethane
Concen: 41.338 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

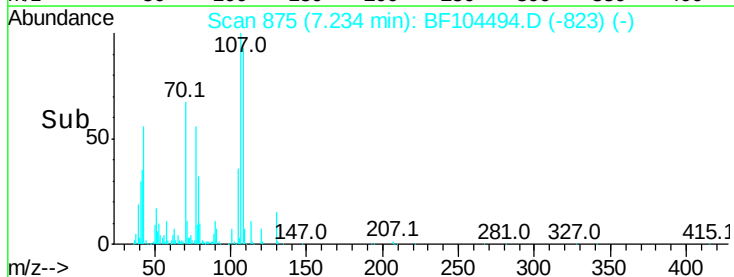
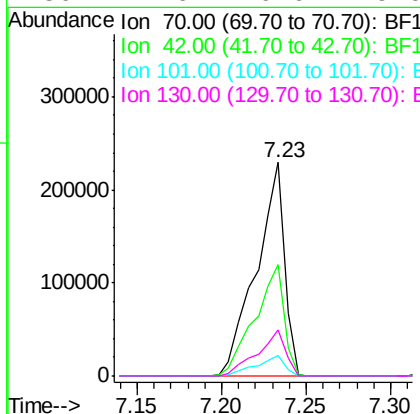
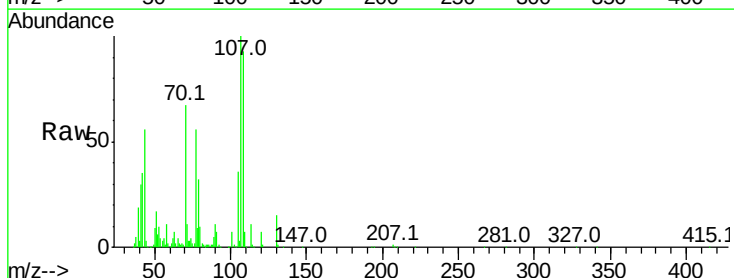
Instrument :
BNA_F
ClientSampled :

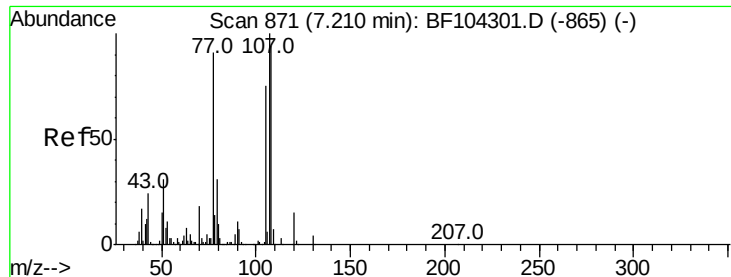
Tot Ion:117 Resp: 140921
Ion Ratio Lower Upper
117 100
119 100.1 75.8 113.8
201 90.8 75.7 113.5



#19
n-Nitroso-di-n-propylamine
Concen: 41.394 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion: 70 Resp: 266597
Ion Ratio Lower Upper
70 100
42 52.1 47.5 71.3
101 9.6 7.4 11.2
130 21.6 16.6 25.0





#20

3+4-Methylphenols

Concen: 43.154 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 393894

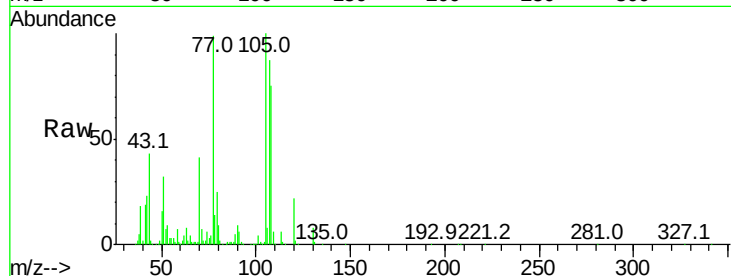
Ion Ratio Lower Upper

107 100

108 86.3 68.2 108.2

77 113.0 26.7 66.7#

79 28.1 6.3 46.3

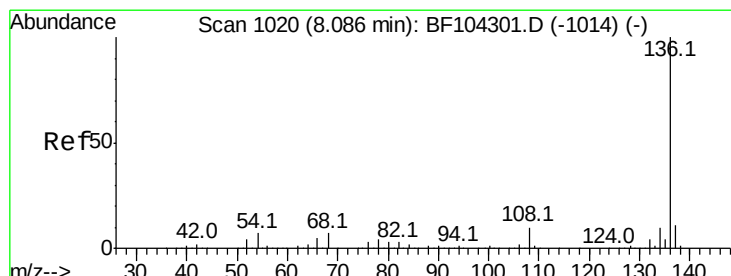
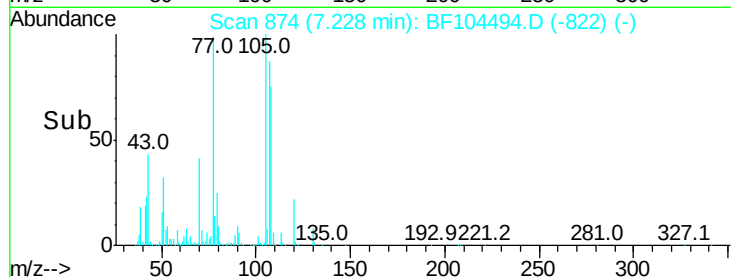
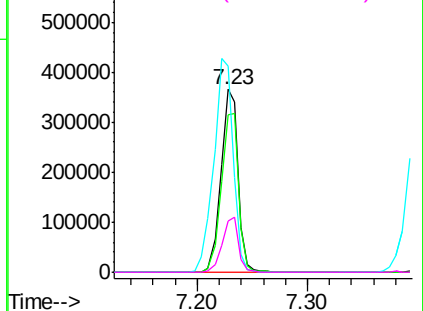


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Tgt Ion:136 Resp: 476086

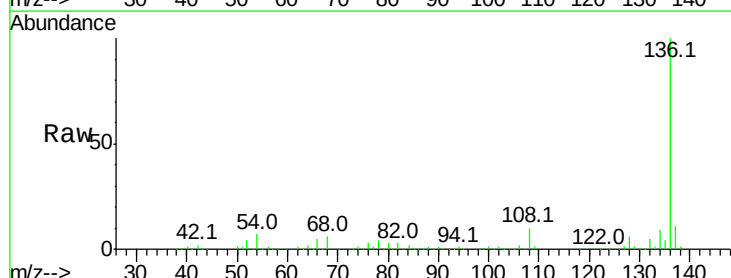
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.6 6.6 9.8

68 5.6 5.0 7.4

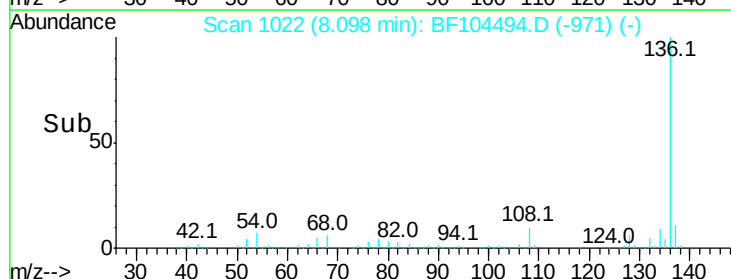
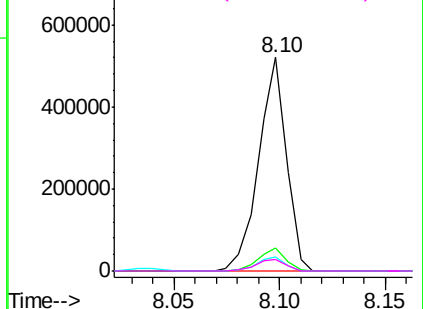


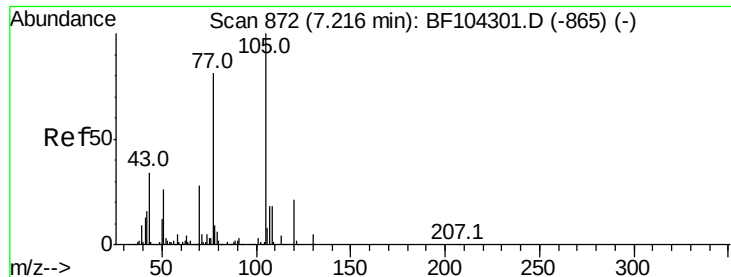
Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.736 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 536066

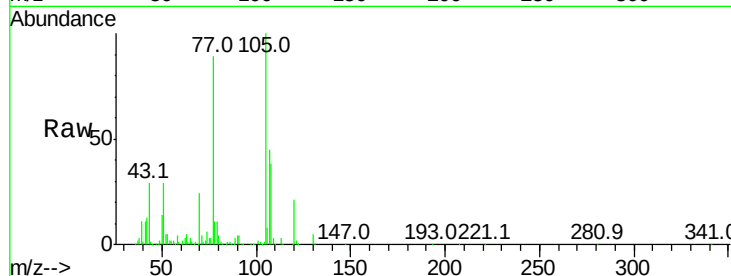
Ion Ratio Lower Upper

105 100

71 4.2 4.4 6.6#

51 29.4 22.3 33.5

120 21.0 16.9 25.3

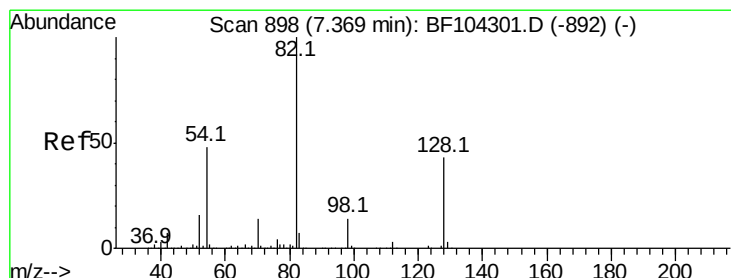
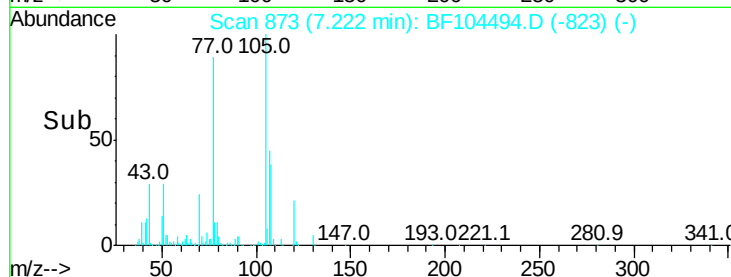
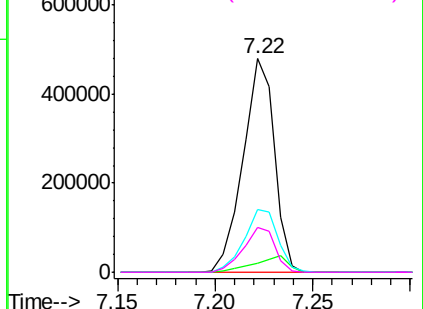


Abundance Ion 105.00 (104.70 to 105.70): E

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: 95.229 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

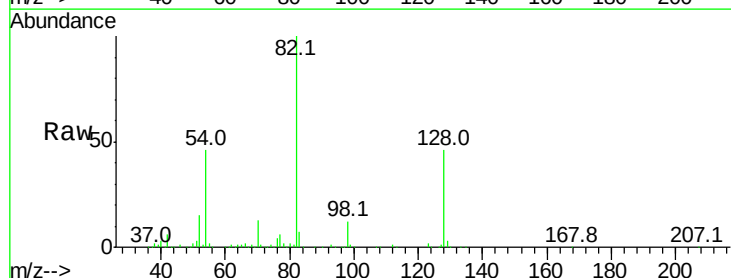
Tgt Ion: 82 Resp: 694308

Ion Ratio Lower Upper

82 100

128 45.7 36.1 54.1

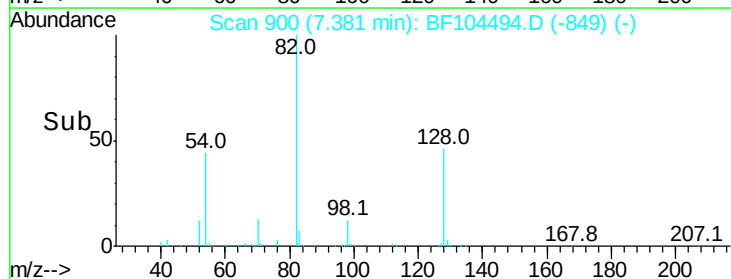
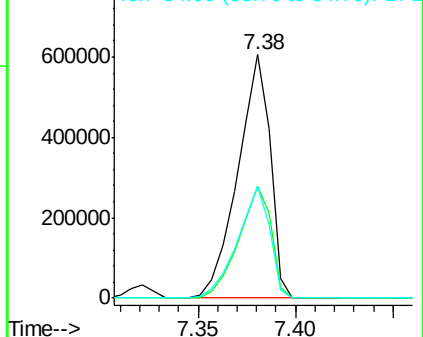
54 45.8 41.4 62.2

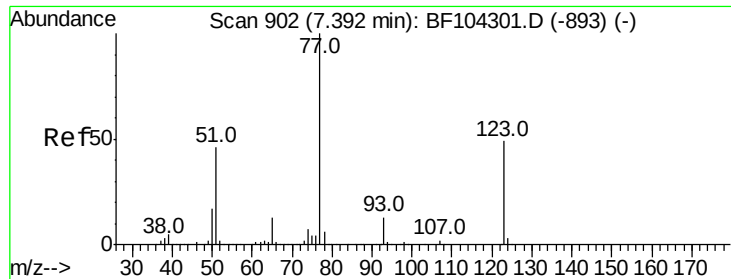


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

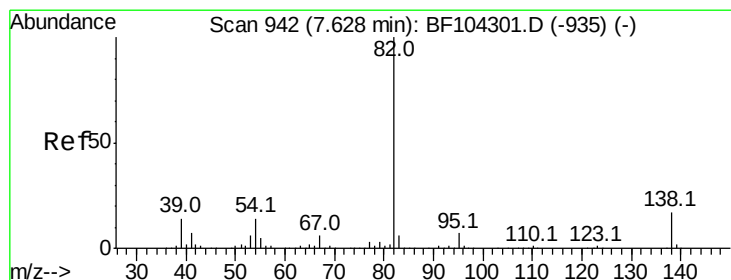
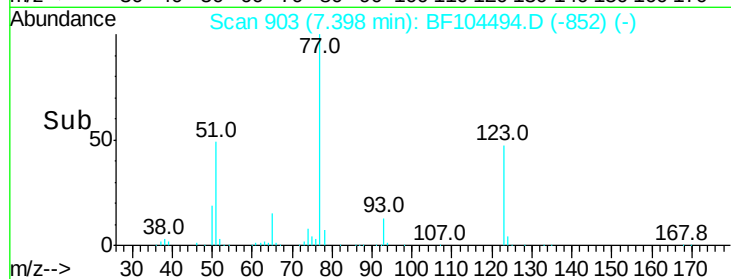
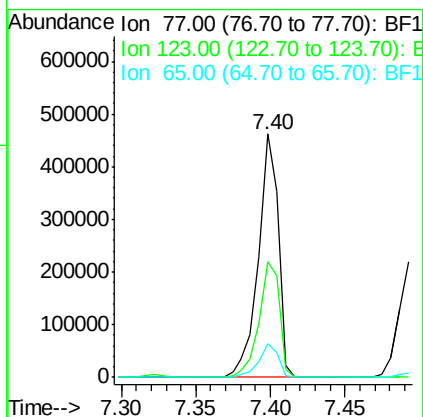
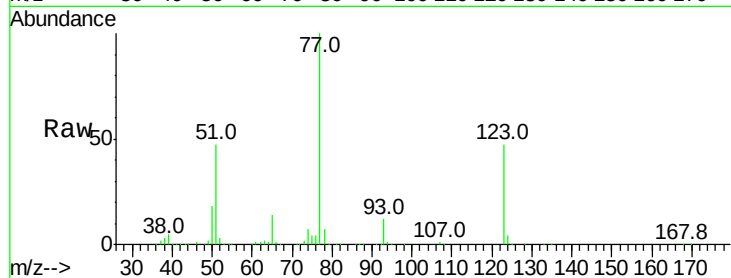




#24
Nitrobenzene
Concen: 52.546 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

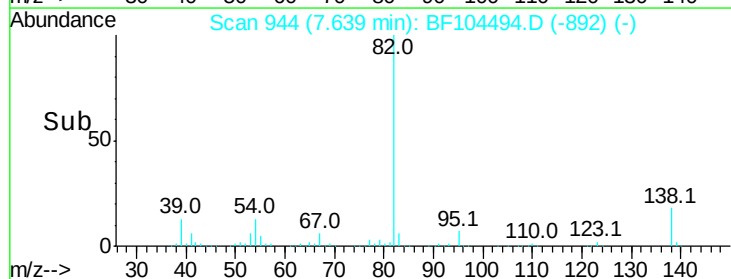
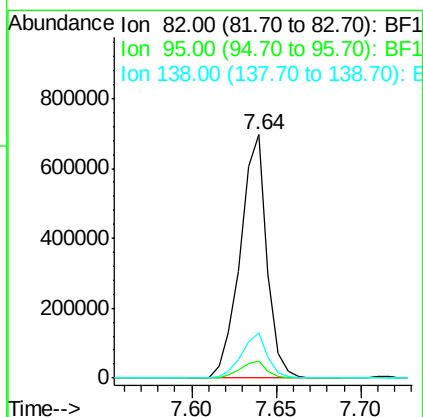
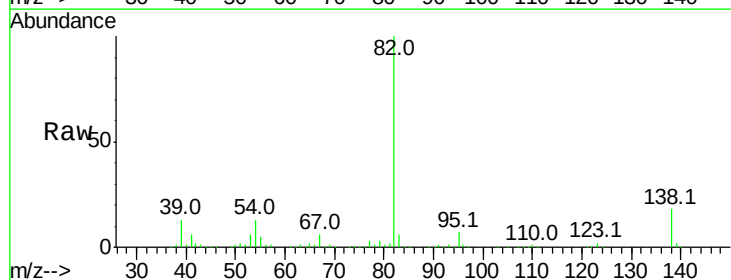
Instrument :
BNA_F
ClientSampleId :

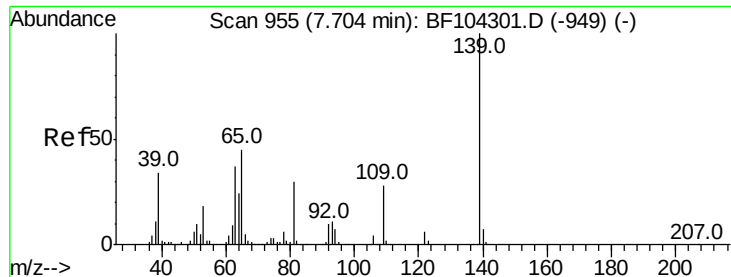
Tot Ion: 77 Resp: 422979
Ion Ratio Lower Upper
77 100
123 47.4 37.9 56.9
65 13.7 11.0 16.4



#25
Isophorone
Concen: 49.653 ng
RT: 7.64 min Scan# 944
Delta R.T. 0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion: 82 Resp: 765533
Ion Ratio Lower Upper
82 100
95 7.1 5.2 7.8
138 18.4 14.9 22.3

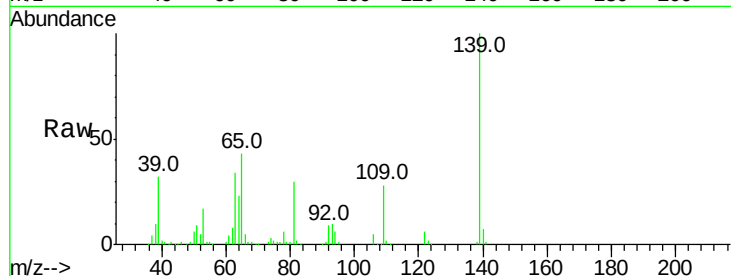




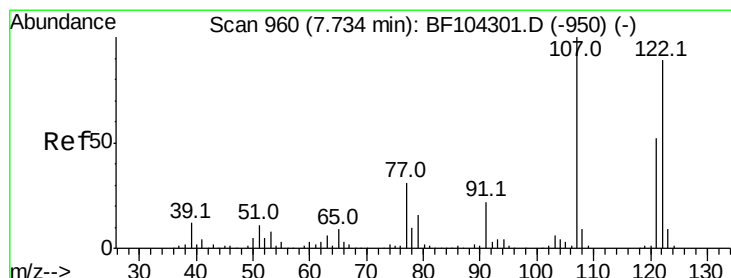
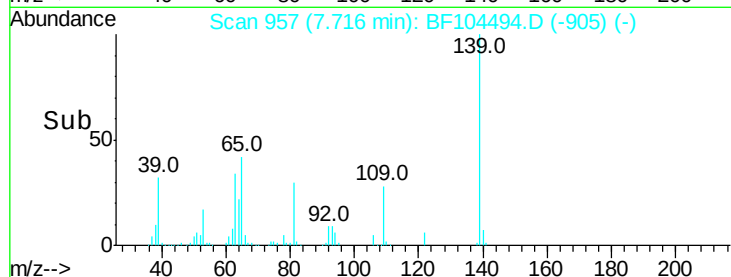
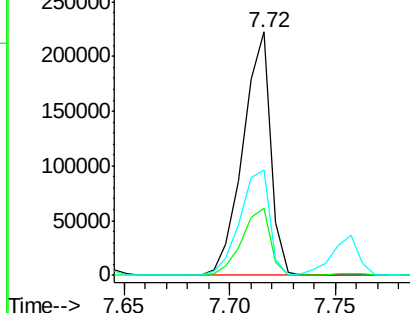
#26
2-Nitrophenol
Concen: 61.659 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	27.7	22.7	34.1
65	43.4	40.5	60.7

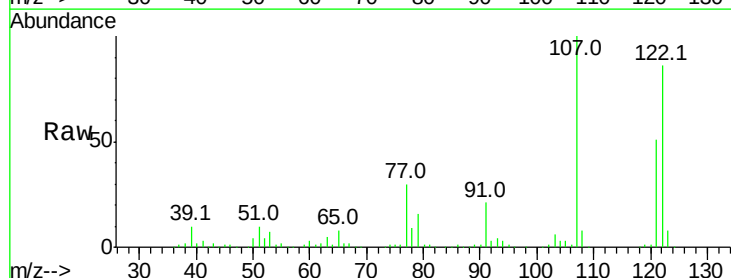


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

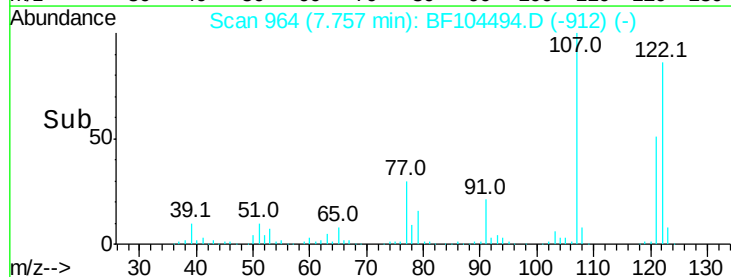
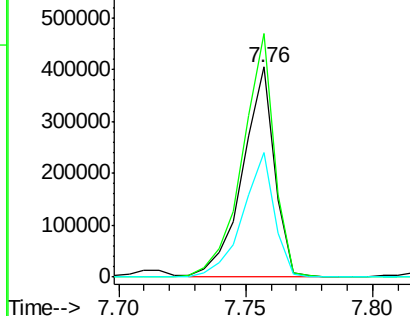


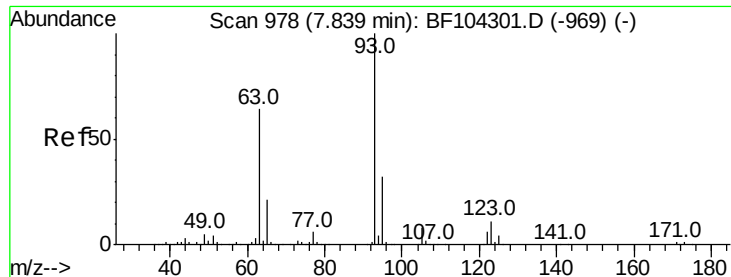
#27
2,4-Dimethylphenol
Concen: 52.133 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.9	91.2	136.8
121	59.4	47.2	70.8



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



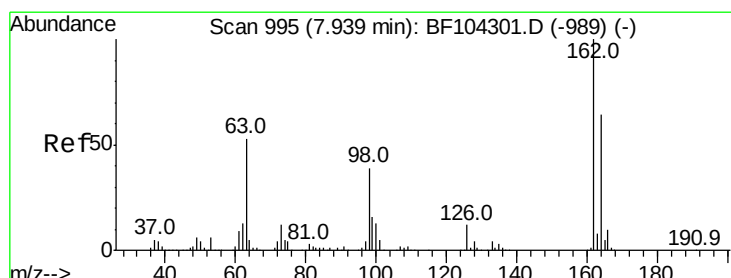
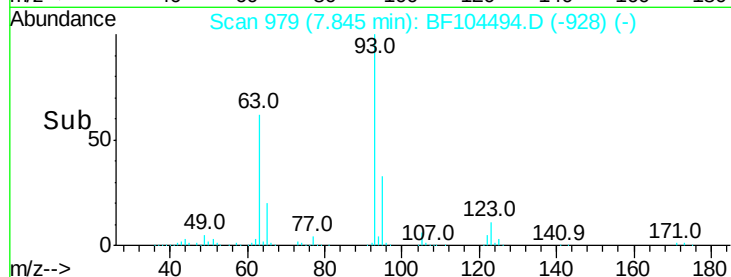
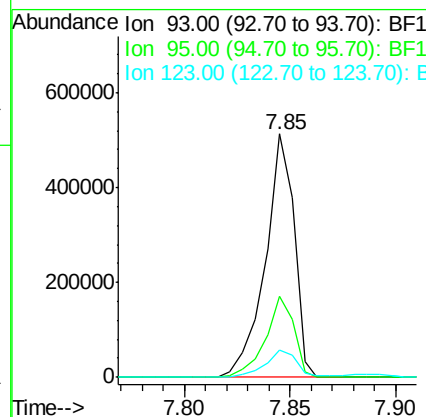
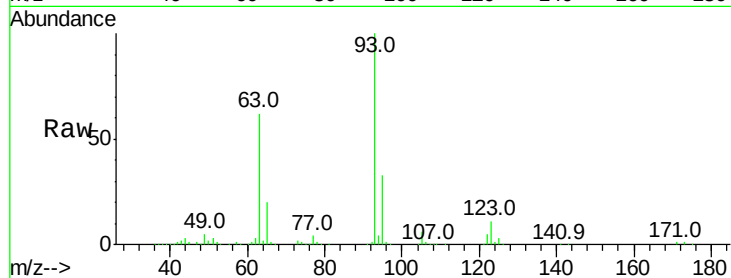


#28
bis(2-Chloroethoxy)methane
Concen: 51.927 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 489496

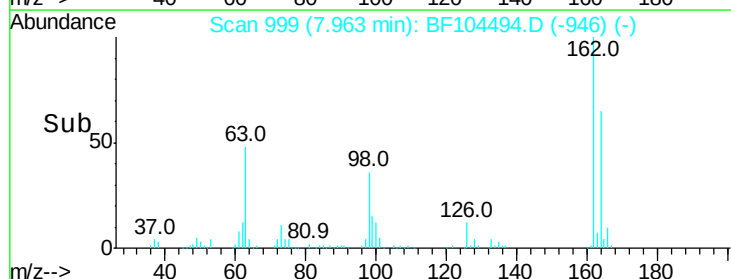
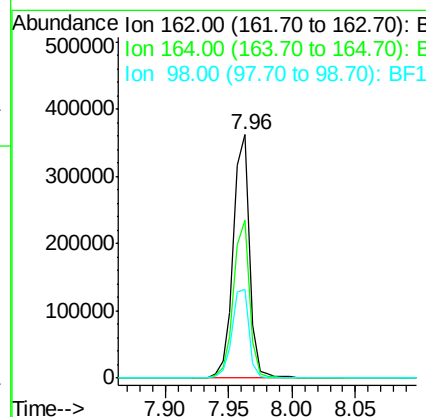
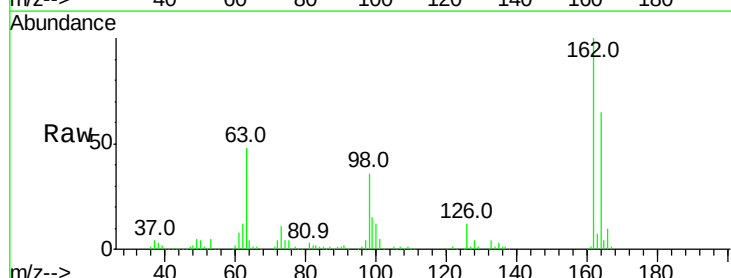
Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.3	39.5
123	11.1	9.8	14.6

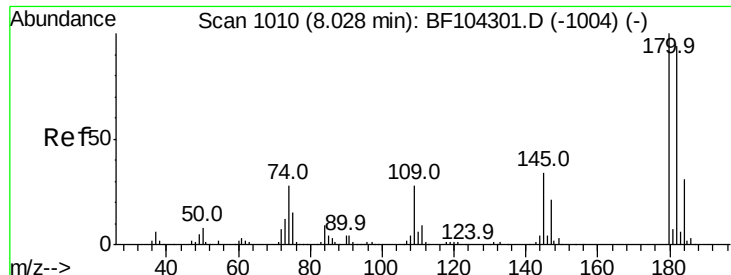


#29
2,4-Dichlorophenol
Concen: 49.697 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion:162 Resp: 322652

Ion	Ratio	Lower	Upper
162	100		
164	64.8	42.7	82.7
98	36.5	18.1	58.1

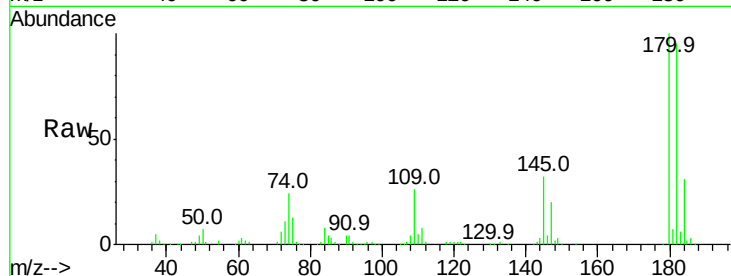




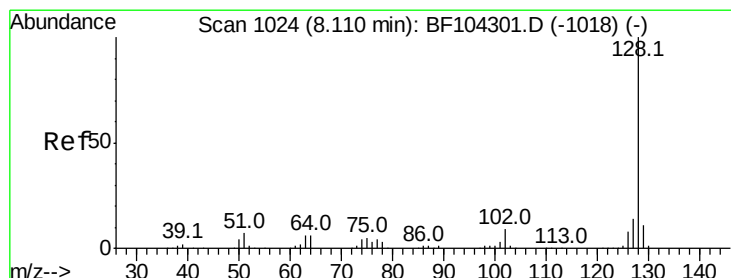
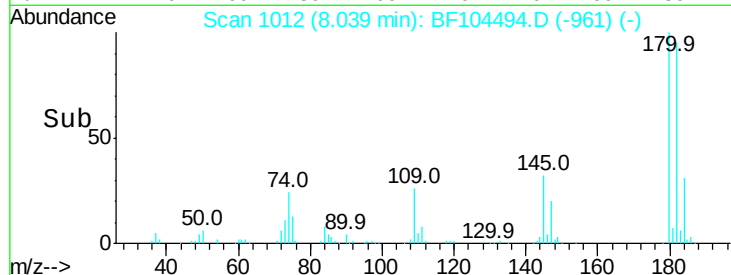
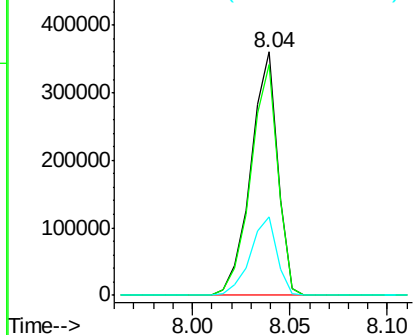
#30
 1,2,4-Trichlorobenzene
 Concen: 48.205 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:180 Resp: 343462
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.8 115.2
 145 32.1 26.5 39.7

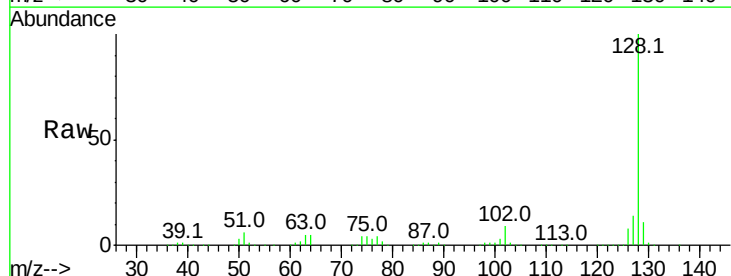


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

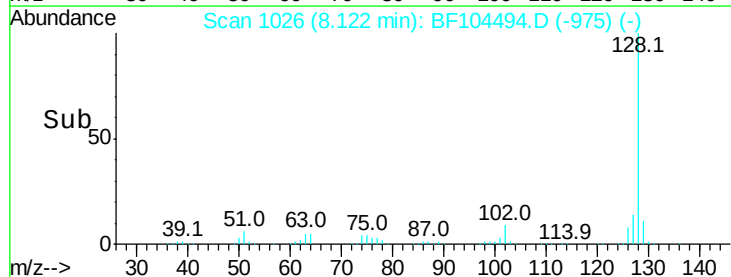
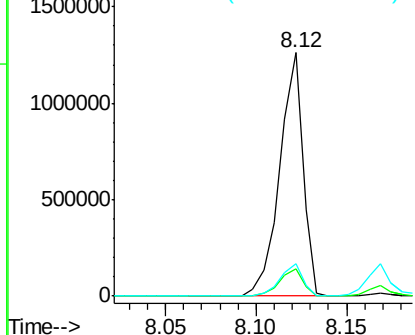


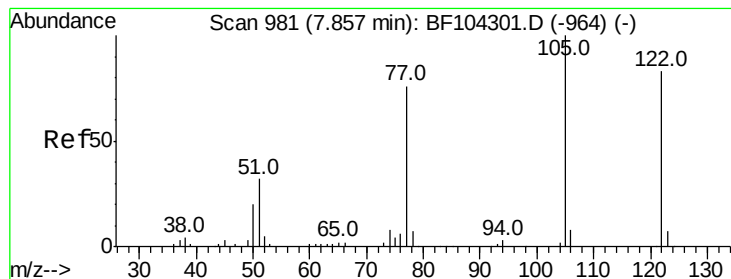
#31
 Naphthalene
 Concen: 47.584 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Tgt Ion:128 Resp: 1128055
 Ion Ratio Lower Upper
 128 100
 129 11.4 8.8 13.2
 127 13.5 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: 36.668 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.02 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Instrument :
BNA_F
ClientSampleId :

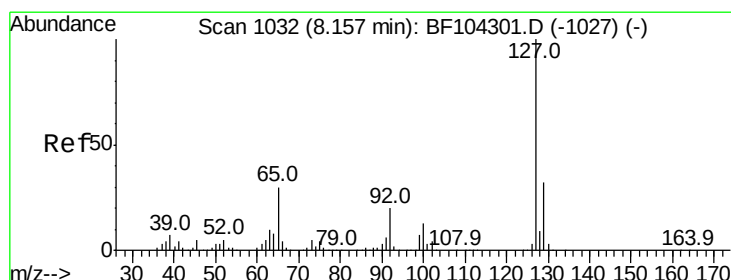
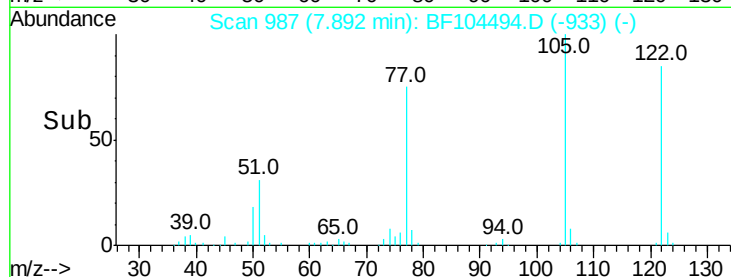
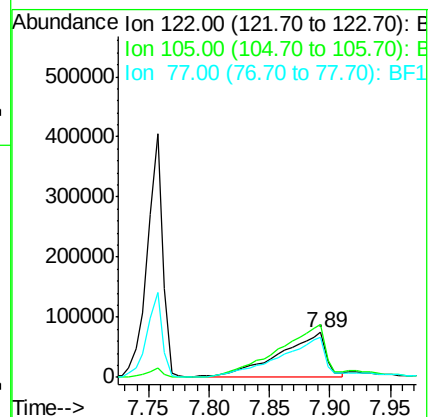
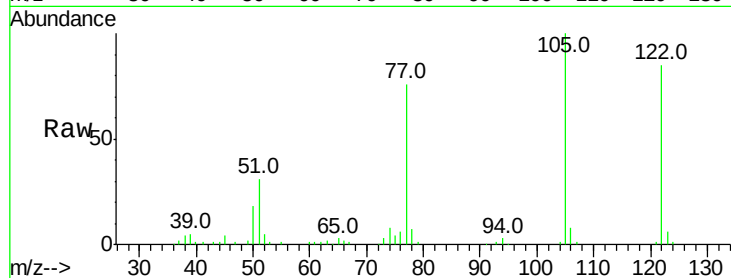
Tot Ion:122 Resp: 199076

Ion Ratio Lower Upper

122 100

105 117.4 101.1 141.1

77 88.9 70.7 110.7



#33

4-Chloroaniline

Concen: 16.080 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Tgt Ion:127 Resp: 163312

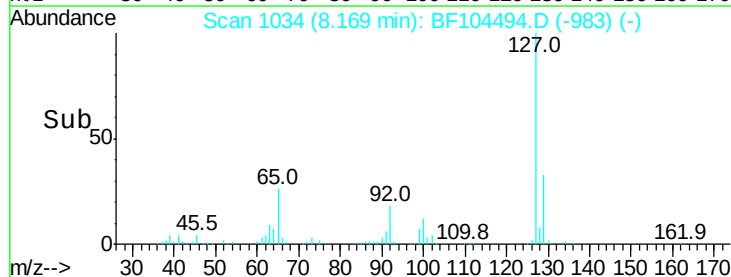
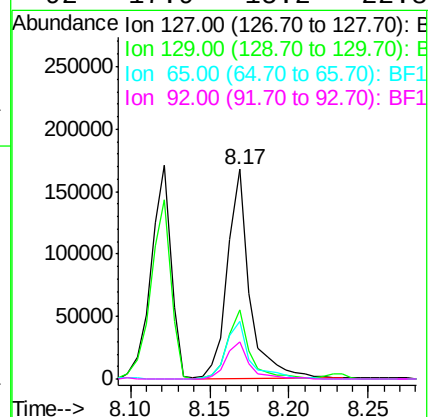
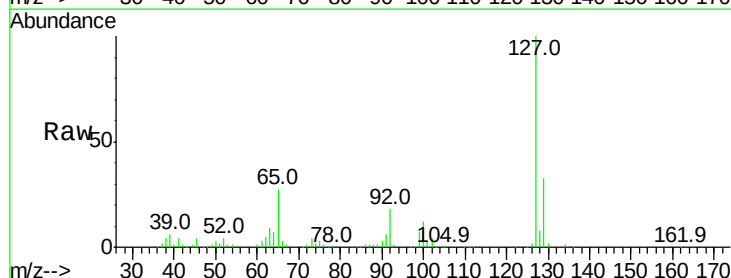
Ion Ratio Lower Upper

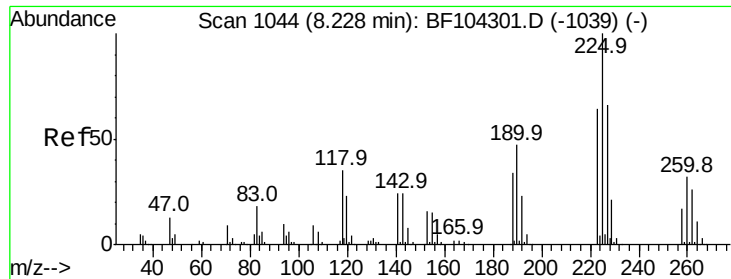
127 100

129 32.7 25.9 38.9

65 27.3 25.0 37.4

92 17.9 15.2 22.8





#34

Hexachlorobutadiene

Concen: 47.972 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Instrument :
BNA_F
ClientSampleId :

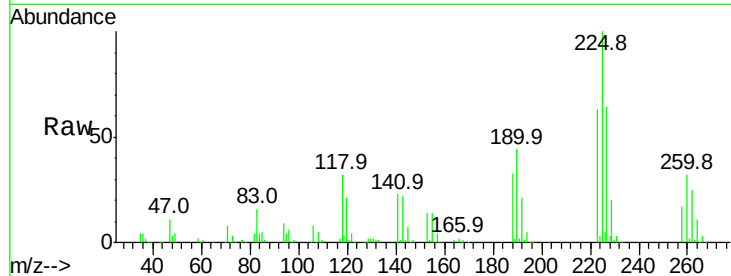
Tot Ion:225 Resp: 187220

Ion Ratio Lower Upper

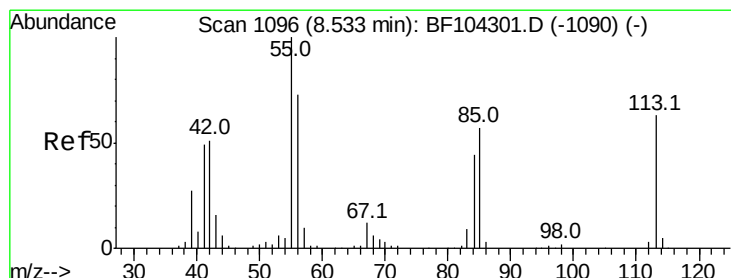
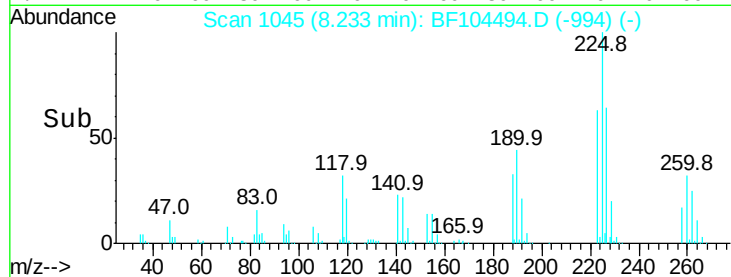
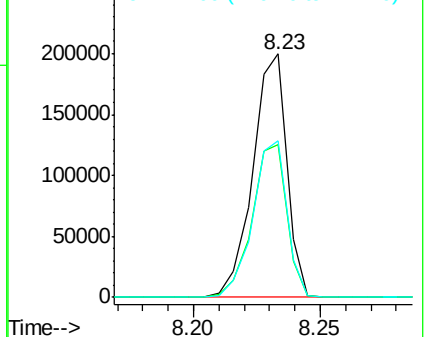
225 100

223 62.5 50.6 76.0

227 64.4 51.9 77.9



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



#35

Caprolactam

Concen: 2.811 ng

RT: 8.50 min Scan# 1090

Delta R.T. -0.05 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

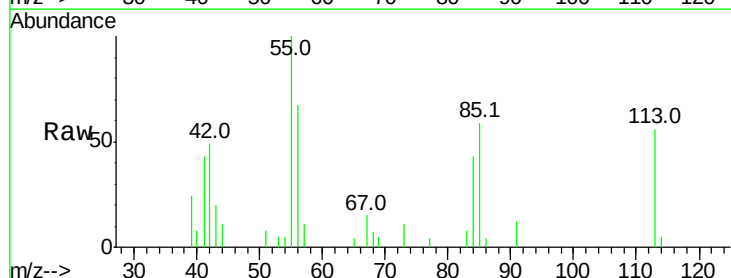
Tgt Ion:113 Resp: 6367

Ion Ratio Lower Upper

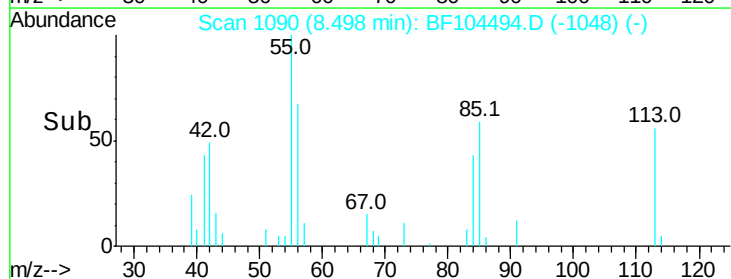
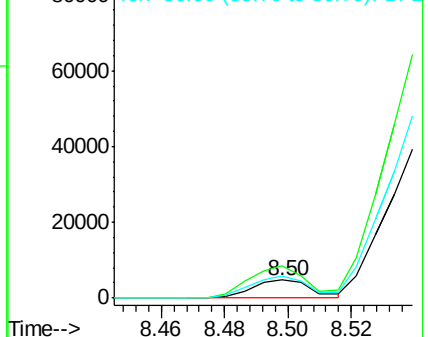
113 100

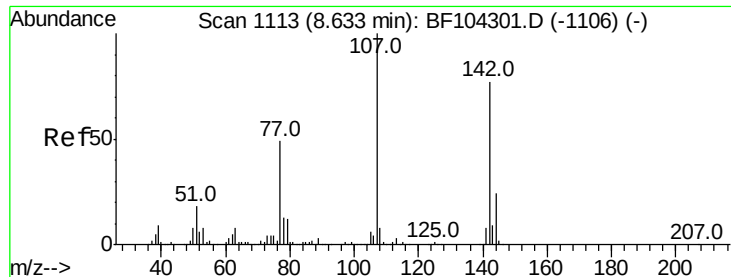
55 177.4 163.3 203.3

56 119.1 115.7 155.7



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

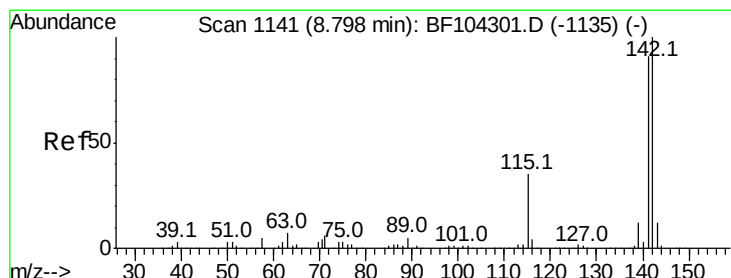
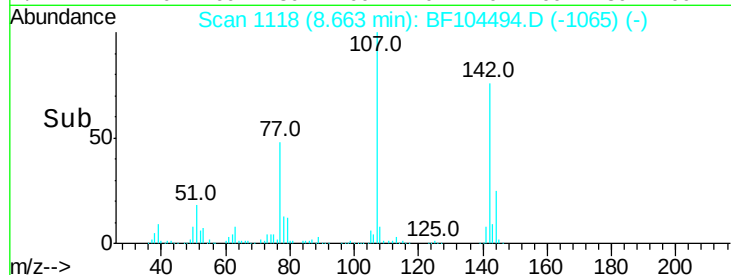
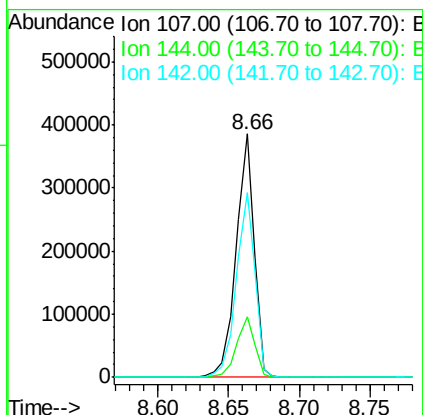
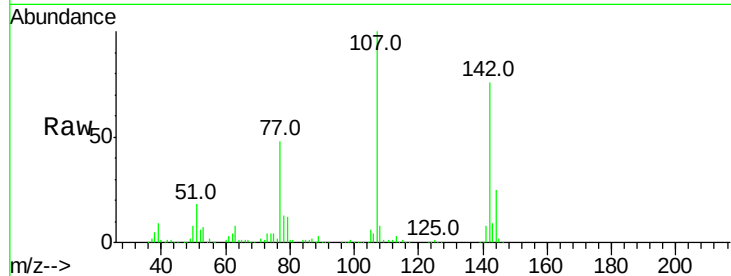




#36
 4-Chloro-3-methylphenol
 Concen: 49.227 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.01 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

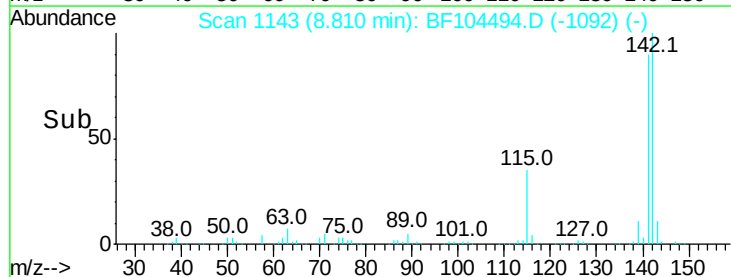
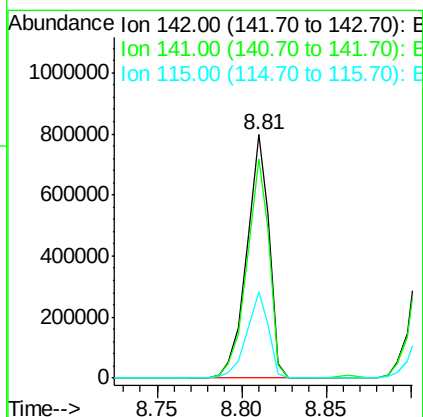
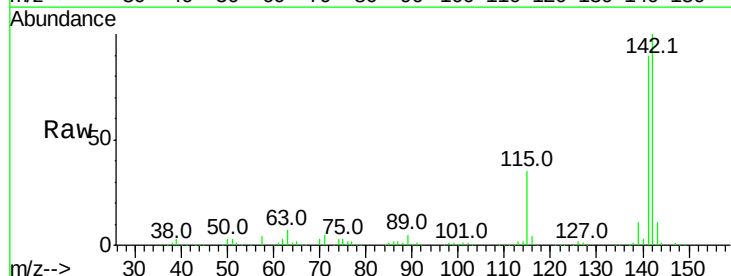
Instrument :
 BNA_F
 ClientSampled :

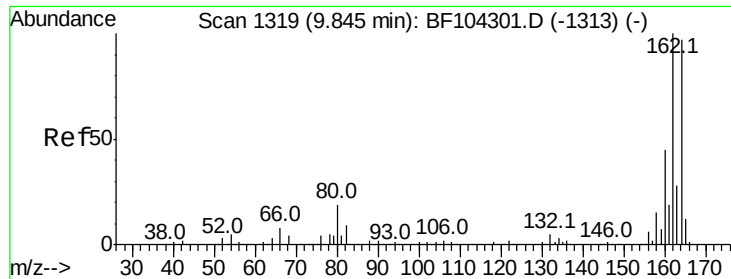
Tot Ion:107 Resp: 342696
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.5 30.7
 142 75.8 62.0 93.0



#37
 2-Methylnaphthalene
 Concen: 48.098 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Tgt Ion:142 Resp: 737566
 Ion Ratio Lower Upper
 142 100
 141 90.3 70.8 106.2
 115 35.2 26.1 39.1

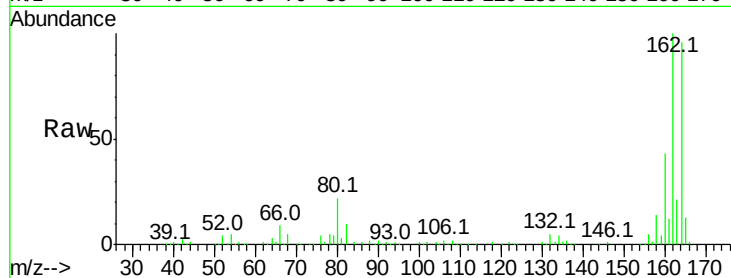




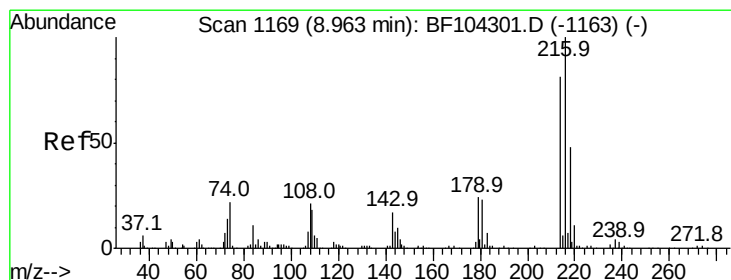
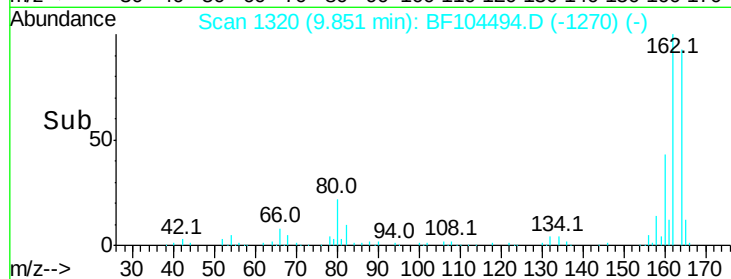
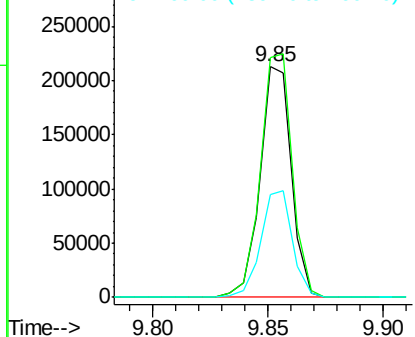
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	44.6	38.3	57.5



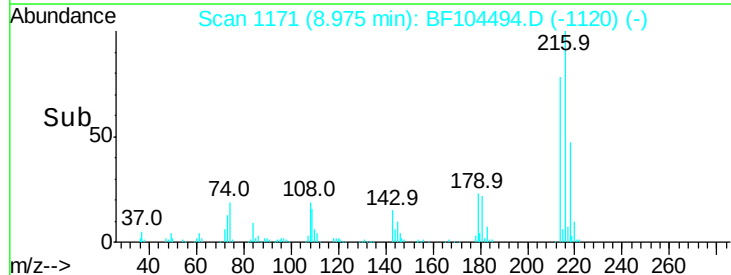
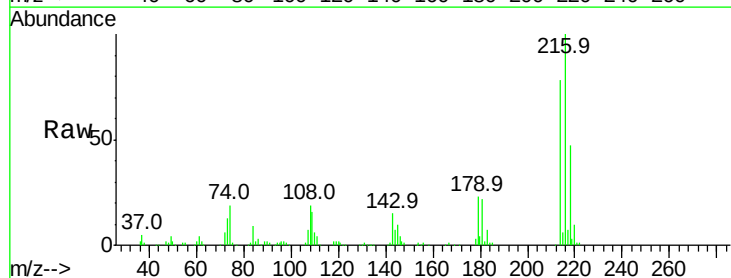
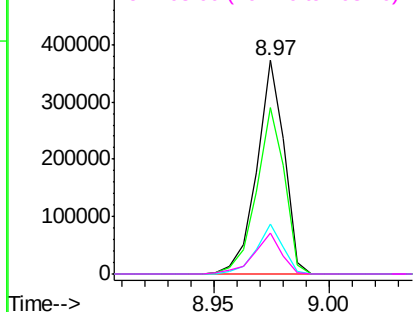
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

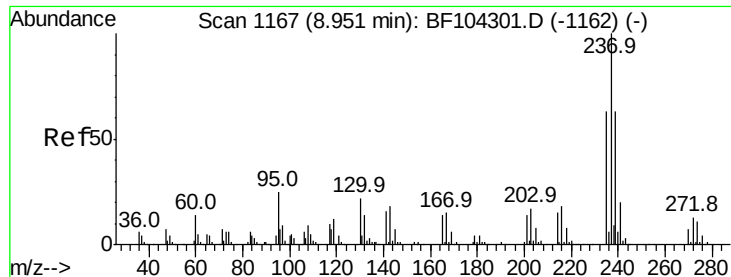


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 53.497 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	22.7	18.1	27.1
108	19.1	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: 19.401 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Instrument :

BNA_F

ClientSampleId :

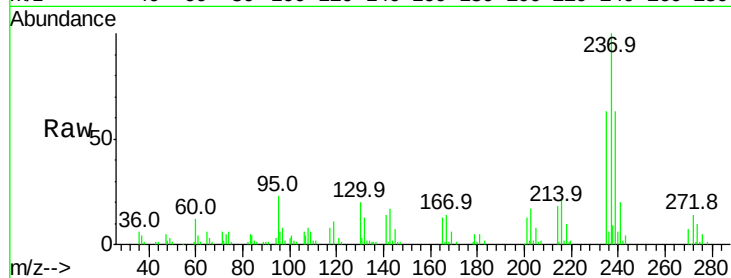
Tot Ion:237 Resp: 62664

Ion Ratio Lower Upper

237 100

235 62.6 44.8 84.8

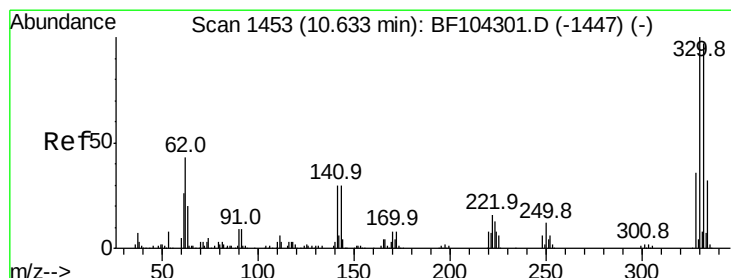
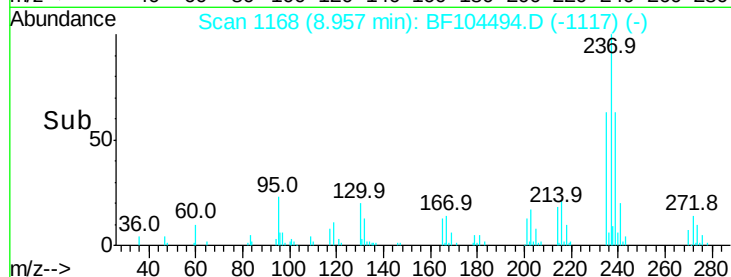
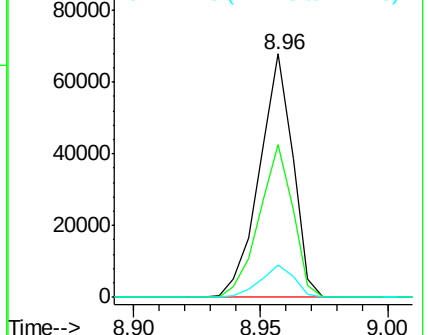
272 13.5 0.0 33.3



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: 75.264 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

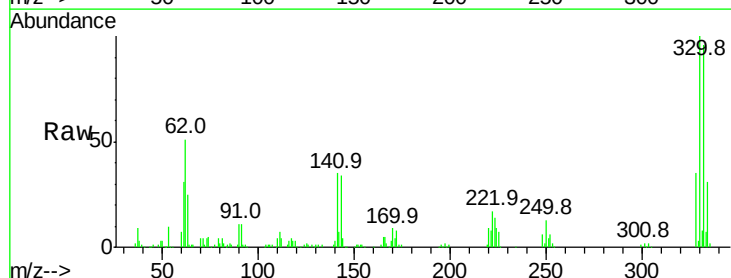
Tgt Ion:330 Resp: 157354

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

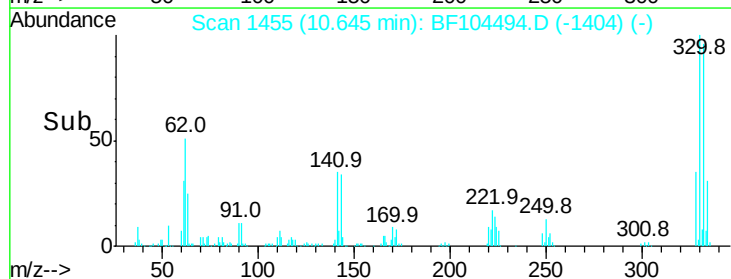
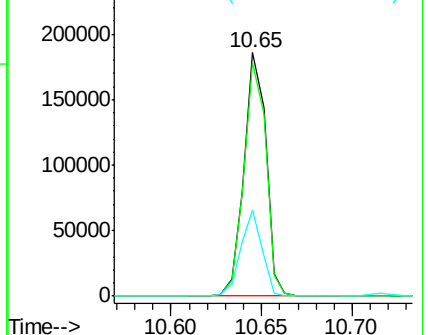
141 34.0 29.9 44.9

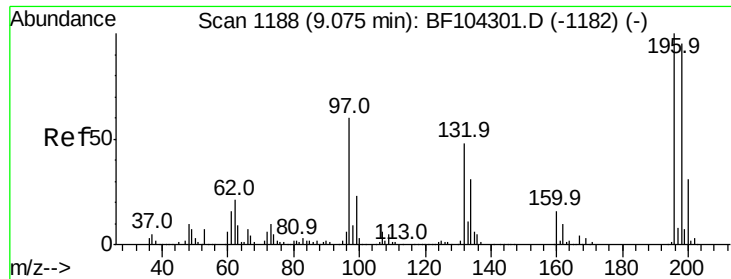


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

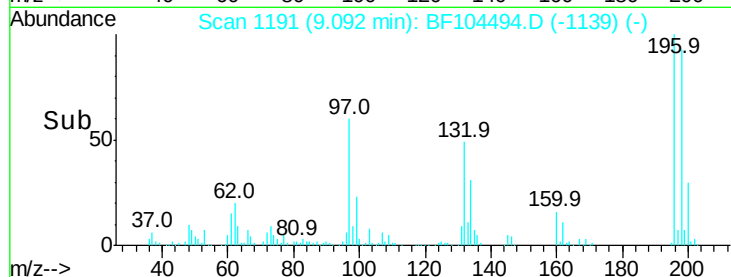
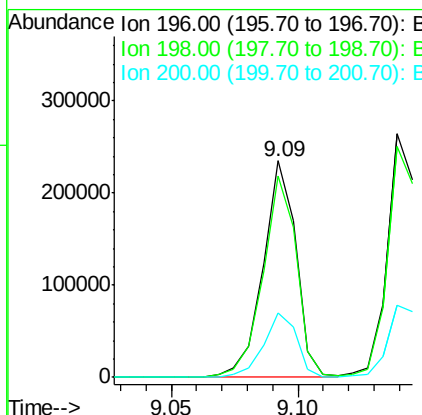
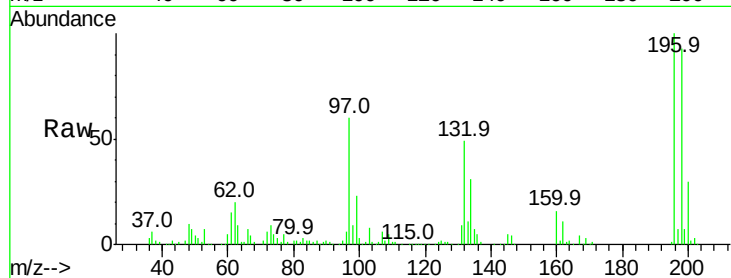




#42
 2,4,6-Trichlorophenol
 Concen: 53.651 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

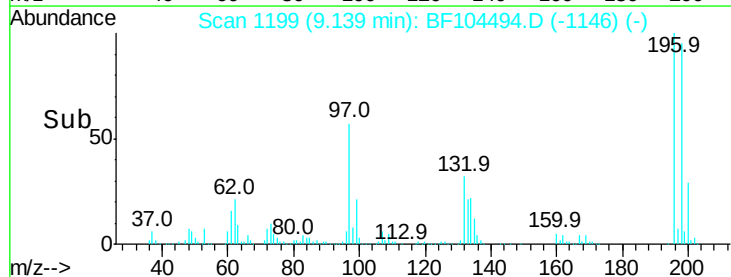
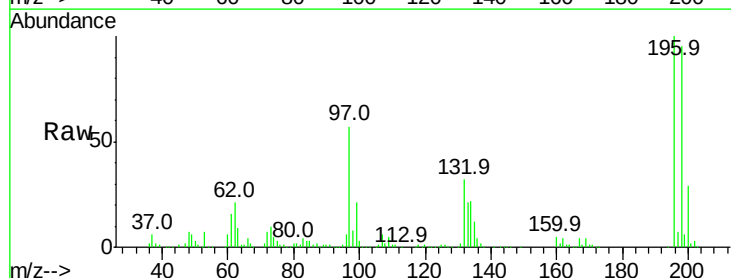
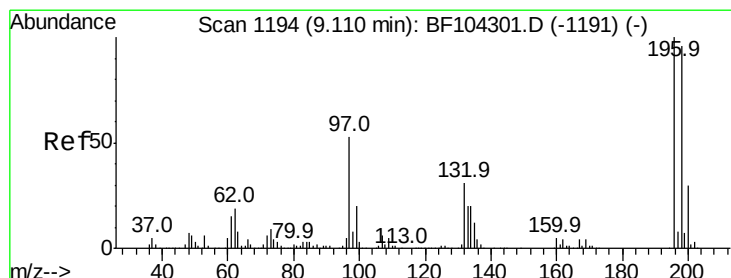
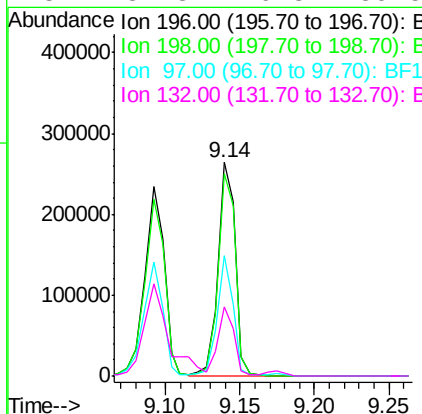
Instrument :
 BNA_F
 ClientSampleId :

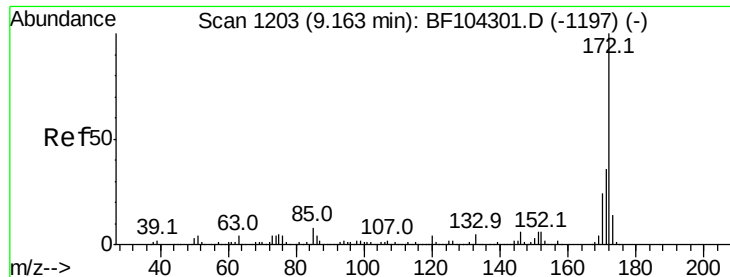
Tot Ion:196 Resp: 214872
 Ion Ratio Lower Upper
 196 100
 198 93.1 75.7 113.5
 200 29.8 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 47.729 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Tgt Ion:196 Resp: 213911
 Ion Ratio Lower Upper
 196 100
 198 94.8 74.6 112.0
 97 56.6 42.9 64.3
 132 32.3 26.3 39.5

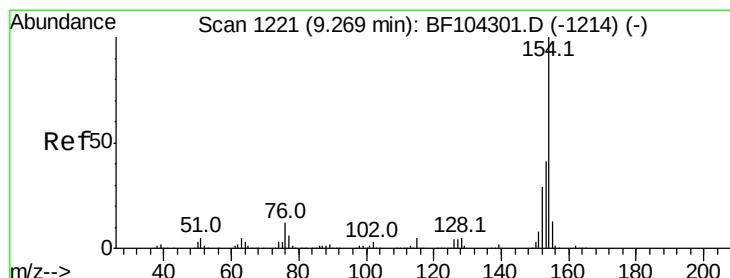
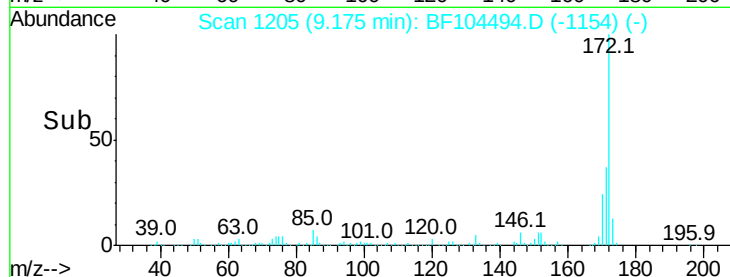
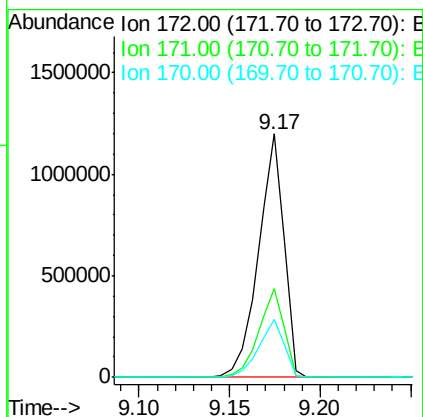
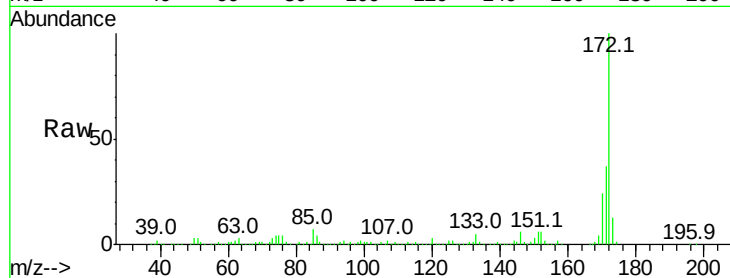




#44
2-Fluorobiphenyl
Concen: 91.634 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

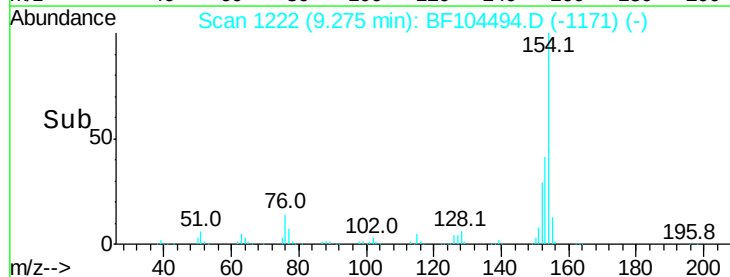
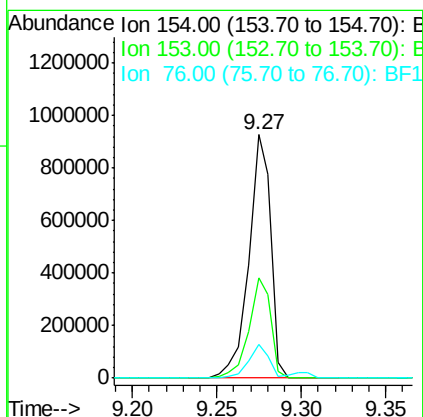
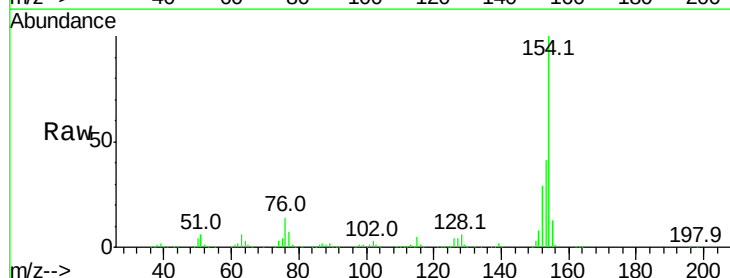
Instrument :
BNA_F
ClientSampleId :

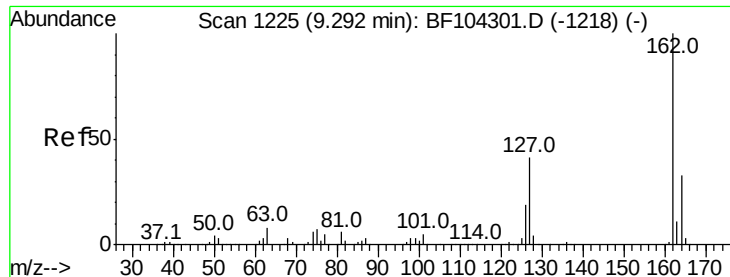
Tot Ion:172 Resp: 1169064
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.0 19.6 29.4



#45
1,1'-Biphenyl
Concen: 49.699 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion:154 Resp: 841466
Ion Ratio Lower Upper
154 100
153 41.2 21.3 61.3
76 14.0 0.0 34.0

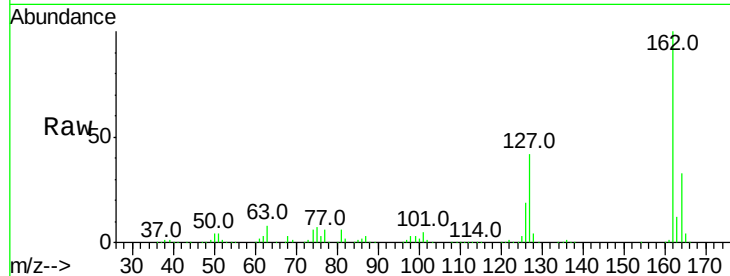




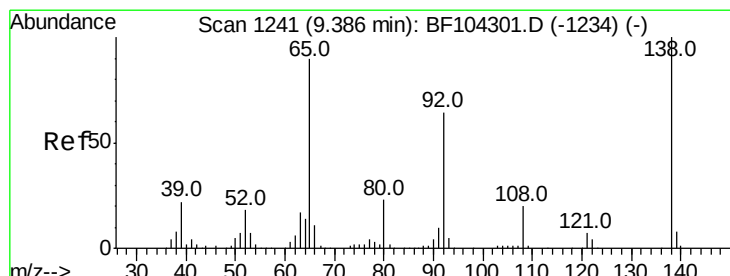
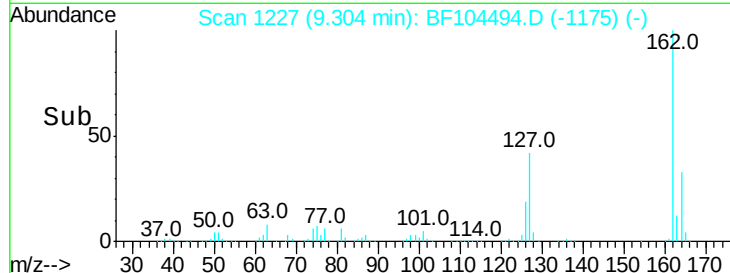
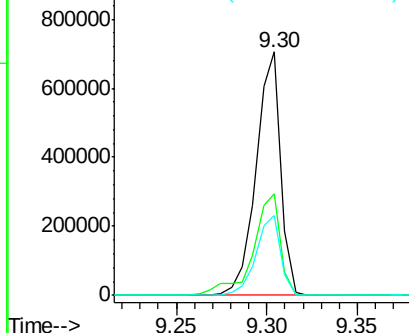
#46
 2-Chloronaphthalene
 Concen: 49.472 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 661613
 Ion Ratio Lower Upper
 162 100
 127 41.8 33.9 50.9
 164 33.0 26.5 39.7

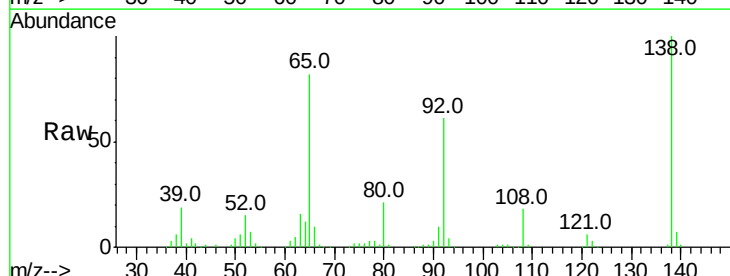


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

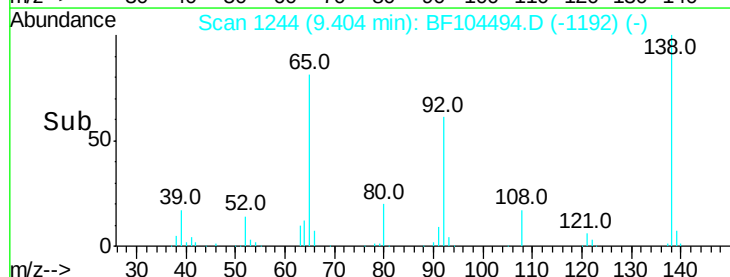
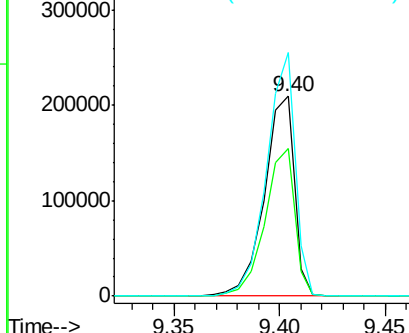


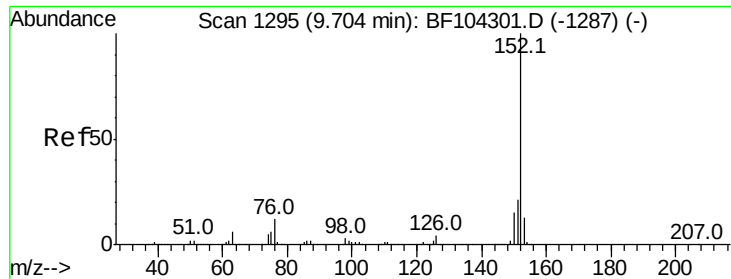
#47
 2-Nitroaniline
 Concen: 62.773 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Tgt Ion: 65 Resp: 207606
 Ion Ratio Lower Upper
 65 100
 92 73.8 55.8 83.6
 138 122.0 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): E





#48

Acenaphthylene

Concen: 45.866 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Instrument :

BNA_F

ClientSampleId :

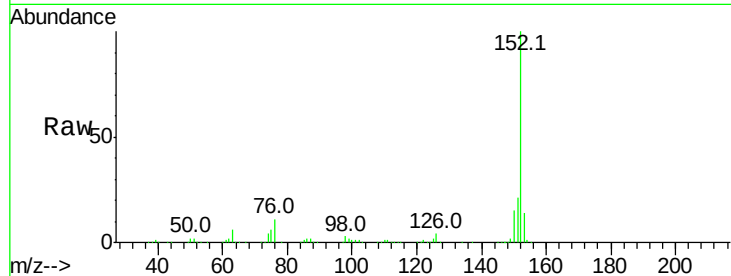
Tot Ion:152 Resp: 962391

Ion Ratio Lower Upper

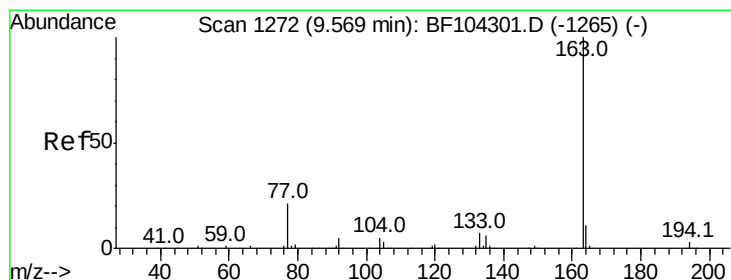
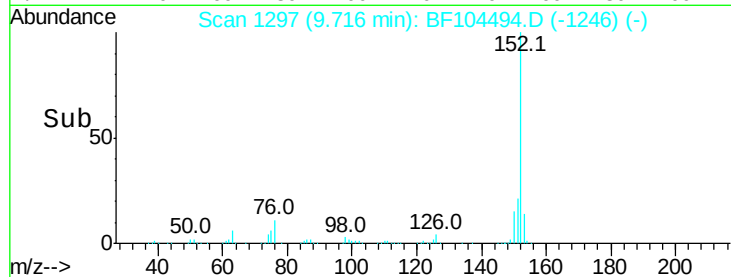
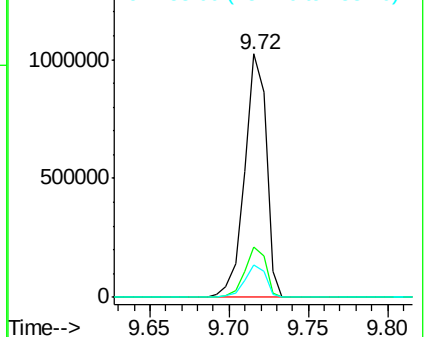
152 100

151 20.6 16.3 24.5

153 13.6 10.7 16.1



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



#49

Dimethylphthalate

Concen: 51.052 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

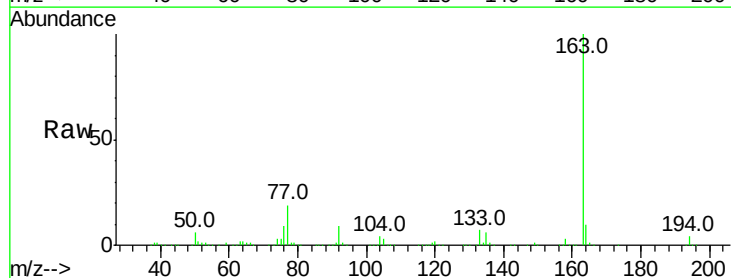
Tgt Ion:163 Resp: 811392

Ion Ratio Lower Upper

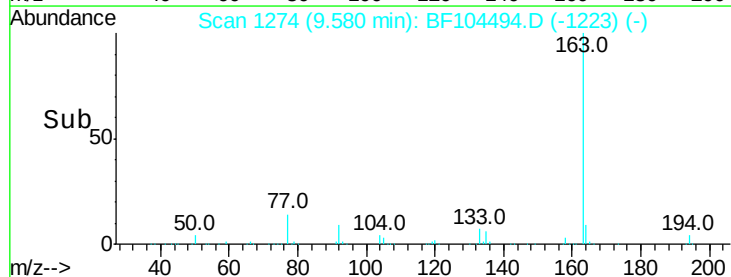
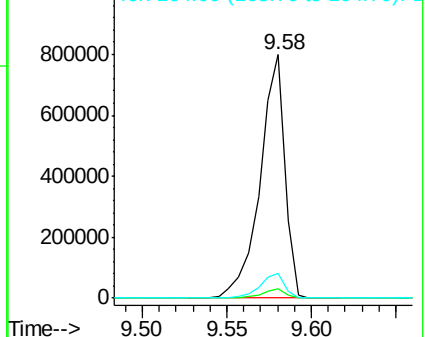
163 100

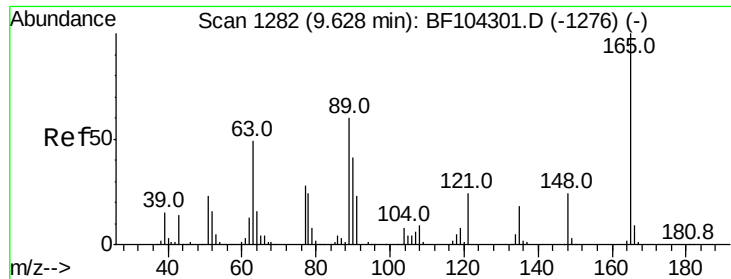
194 3.6 2.7 4.1

164 10.1 8.2 12.2



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

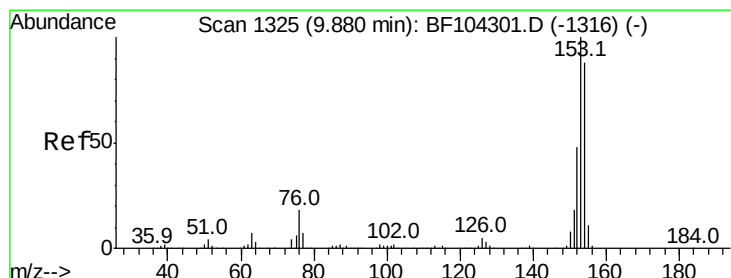
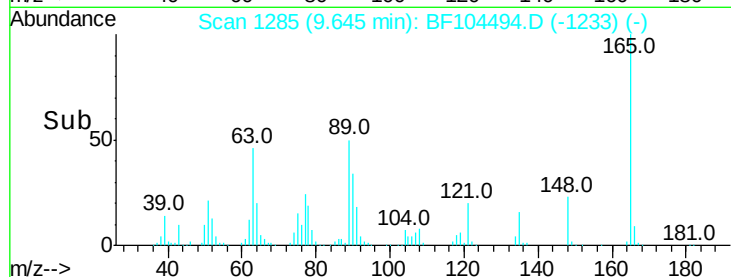
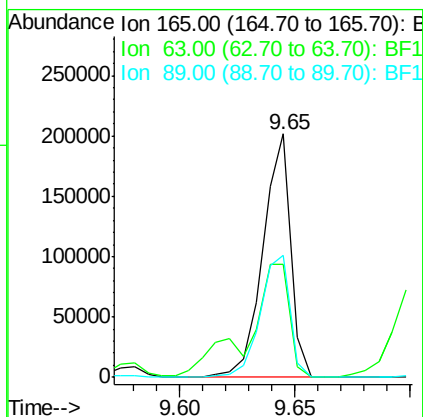
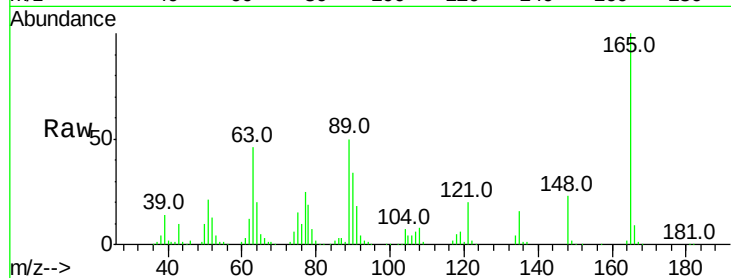




#50
 2,6-Dinitrotoluene
 Concen: 57.506 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

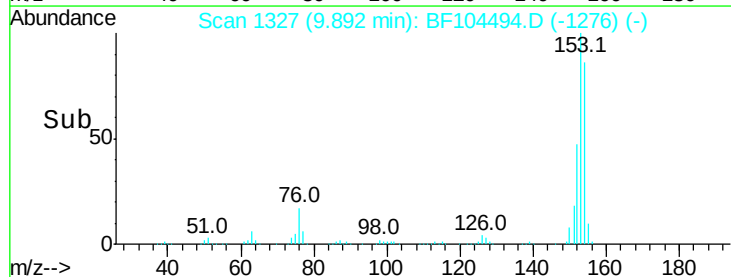
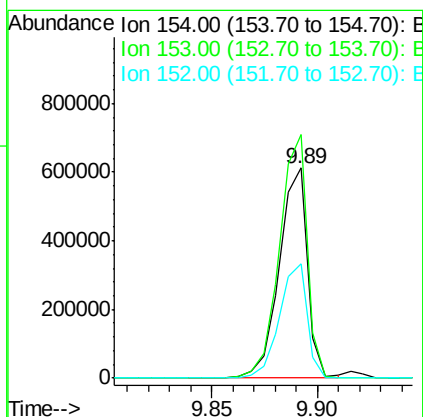
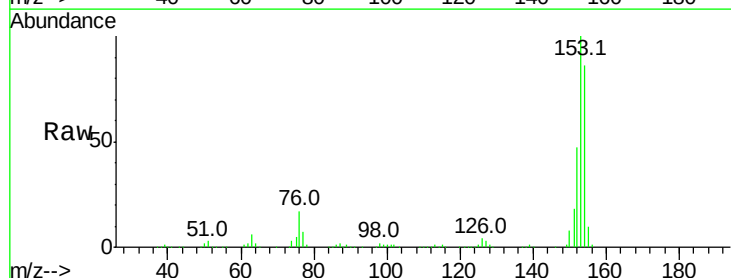
Instrument :
 BNA_F
 ClientSampleId :

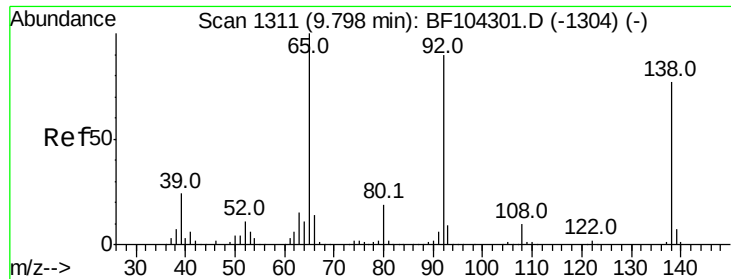
Tot Ion:165 Resp: 169118
 Ion Ratio Lower Upper
 165 100
 63 46.4 44.7 67.1
 89 50.0 44.0 66.0



#51
 Acenaphthene
 Concen: 44.461 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.00 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Tgt Ion:154 Resp: 569197
 Ion Ratio Lower Upper
 154 100
 153 116.0 91.2 136.8
 152 54.5 43.8 65.8

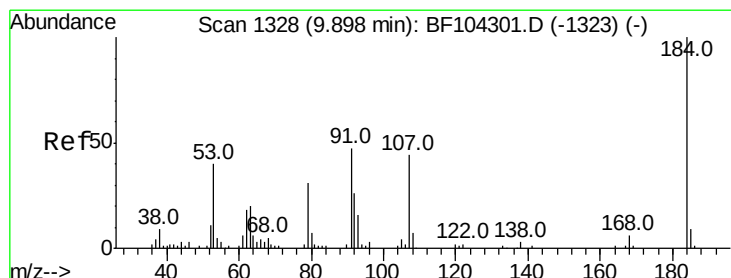
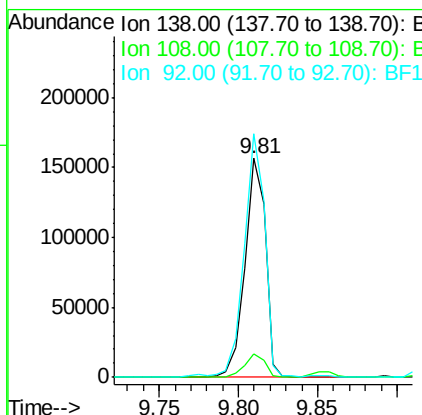
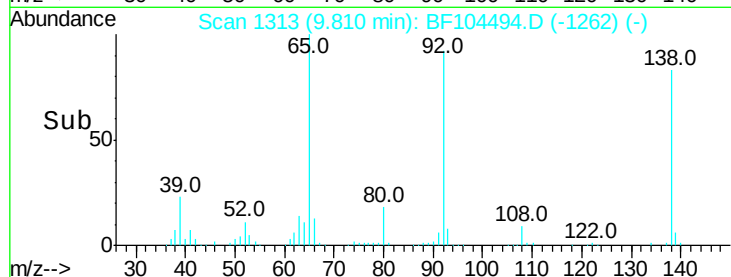
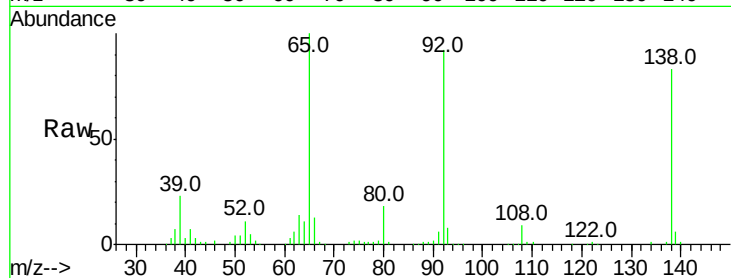




#52
 3-Nitroaniline
 Concen: 40.951 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.00 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

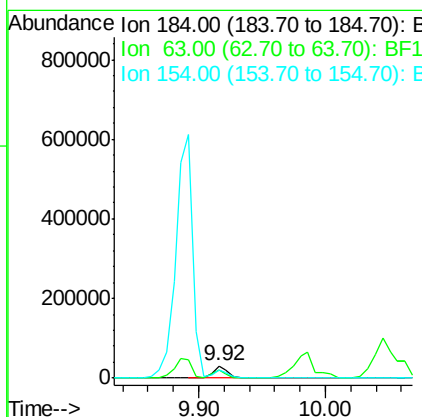
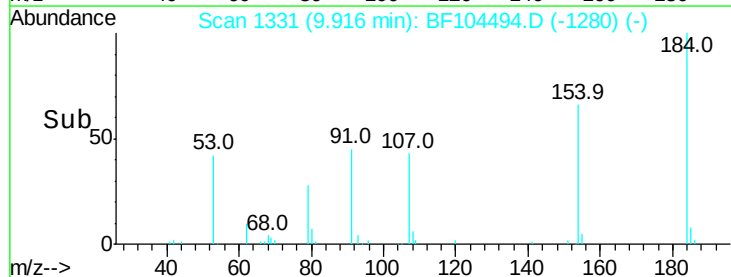
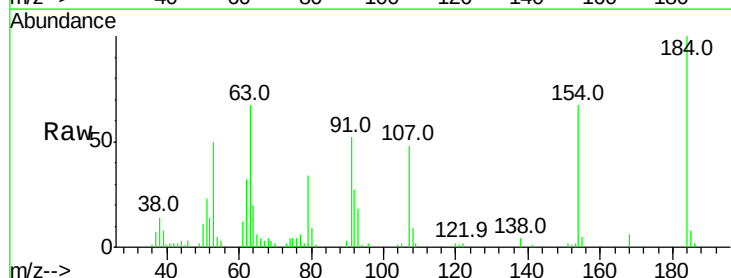
Instrument :
 BNA_F
 ClientSampleId :

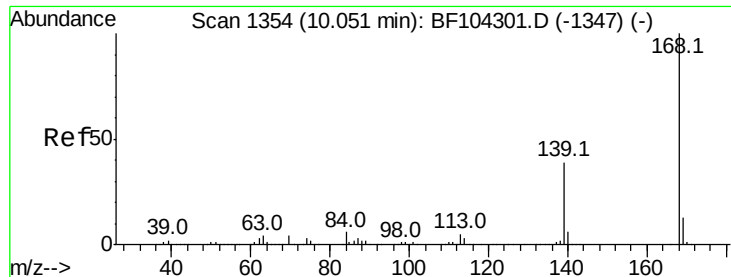
Tot Ion:138 Resp: 140990
 Ion Ratio Lower Upper
 138 100
 108 10.8 9.4 14.0
 92 111.2 89.4 134.2



#53
 2,4-Dinitrophenol
 Concen: 32.865 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Tgt Ion:184 Resp: 27258
 Ion Ratio Lower Upper
 184 100
 63 67.2 54.2 81.2
 154 67.5 184.0 276.0#





#54

Dibenzenofuran

Concen: 47.844 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Instrument :

BNA_F

ClientSampleId :

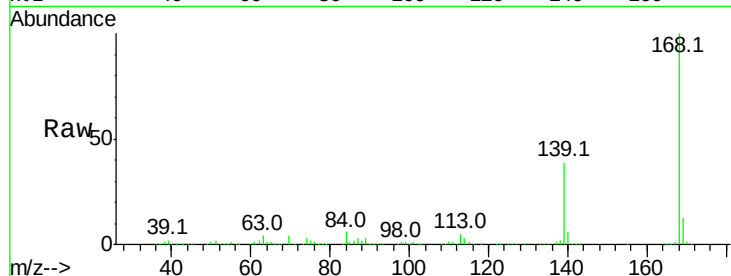
Tot Ion:168 Resp: 853594

Ion Ratio Lower Upper

168 100

139 38.6 30.1 45.1

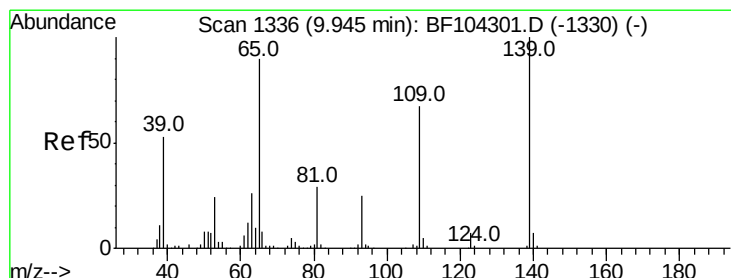
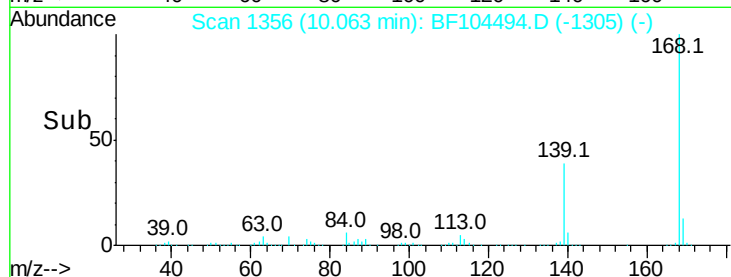
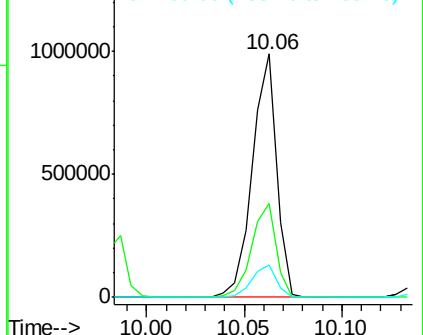
169 13.1 10.9 16.3



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: 87.577 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.02 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

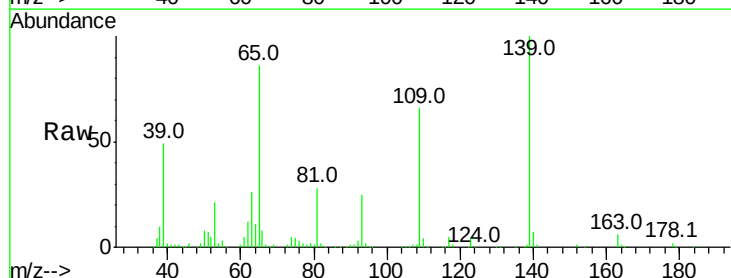
Tgt Ion:139 Resp: 236854

Ion Ratio Lower Upper

139 100

109 66.1 48.4 88.4

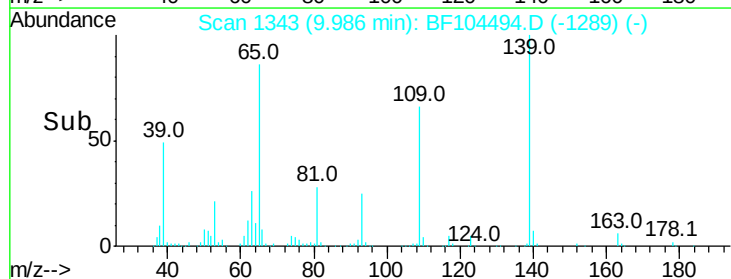
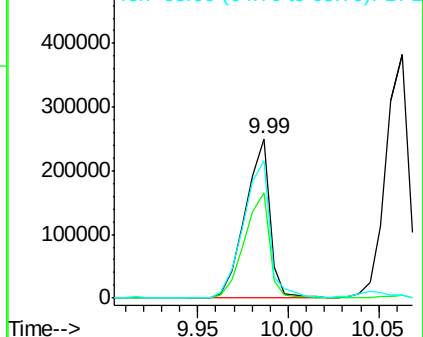
65 85.7 72.6 112.6

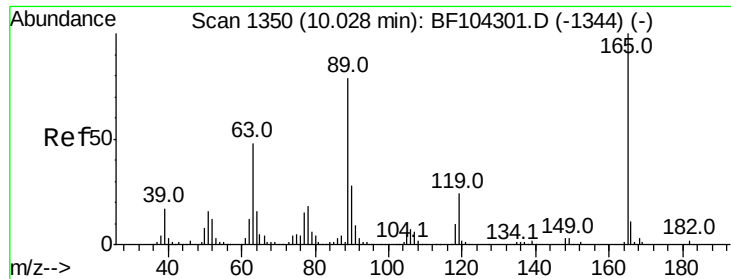


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#56

2,4-Dinitrotoluene

Concen: 54.747 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 211192

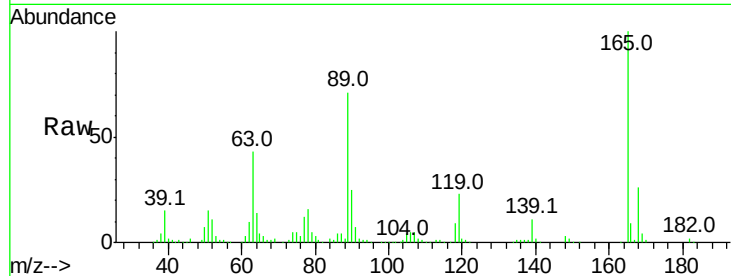
Ion Ratio Lower Upper

165 100

63 43.5 36.4 54.6

89 70.8 57.8 86.6

182 2.3 1.6 2.4

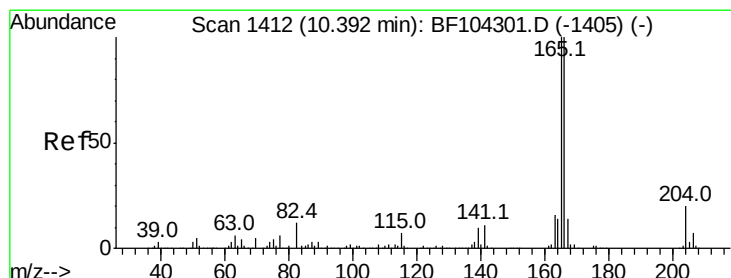
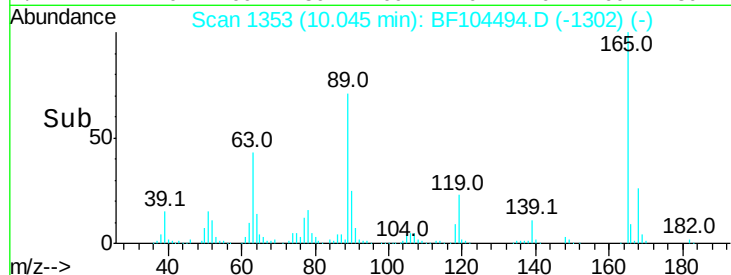
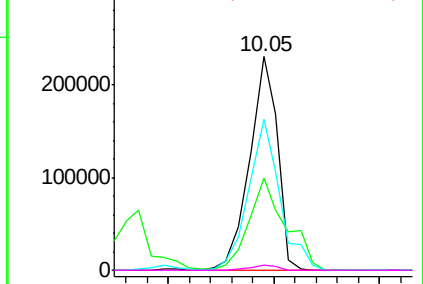


Abundance Ion 165.00 (164.70 to 165.70): E

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: 47.837 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

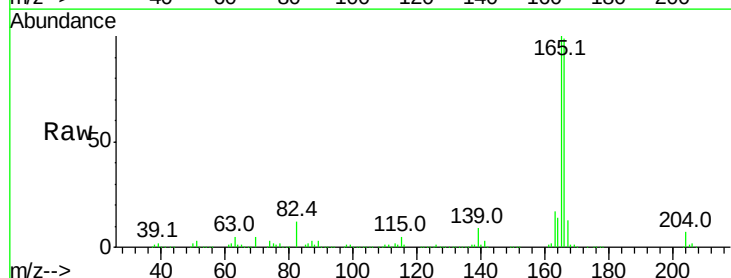
Tgt Ion:166 Resp: 621224

Ion Ratio Lower Upper

166 100

165 100.7 79.8 119.8

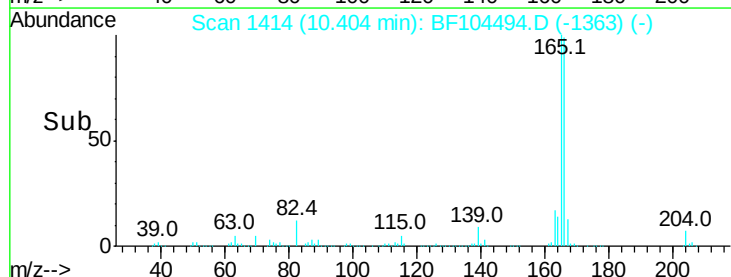
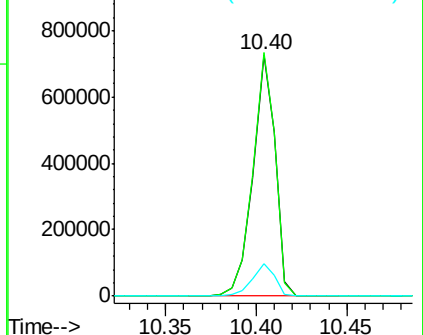
167 13.6 10.6 16.0

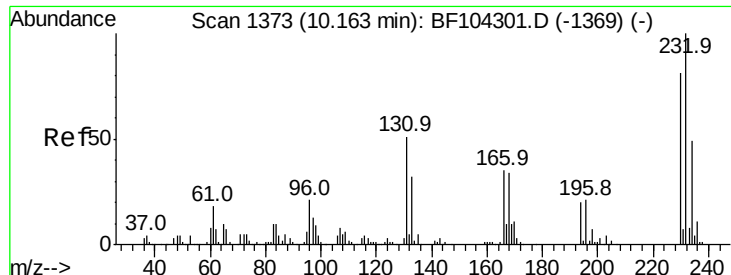


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

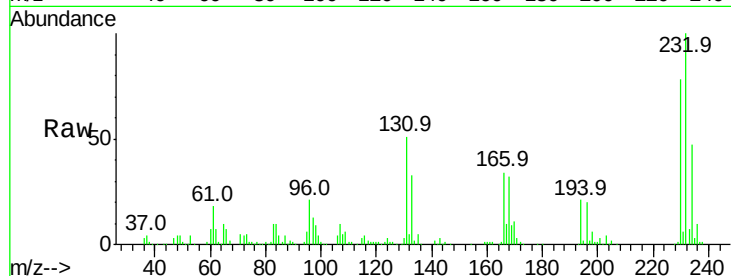




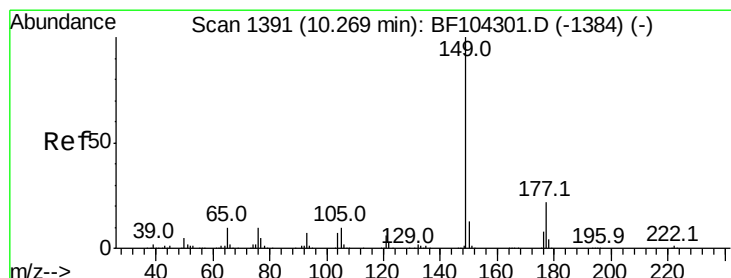
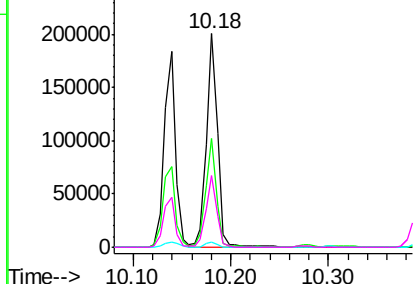
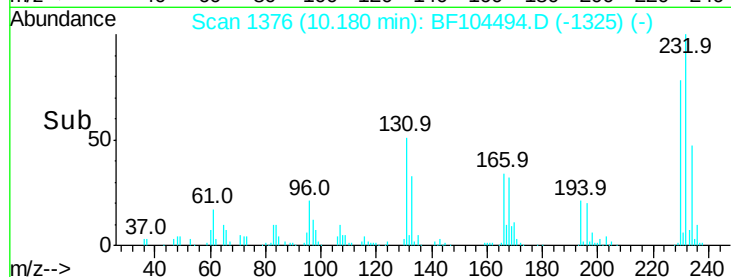
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.658 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 159349
 Ion Ratio Lower Upper
 232 100
 131 48.1 43.8 65.8
 130 2.4 2.1 3.1
 166 32.4 27.8 41.6

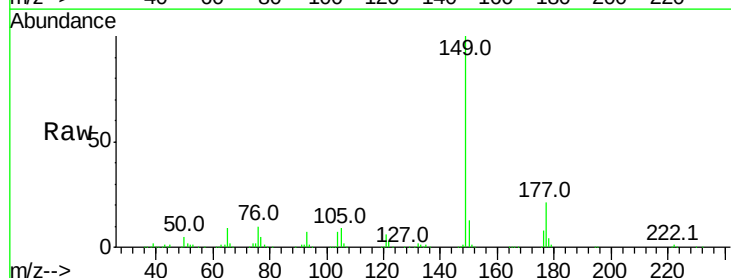


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

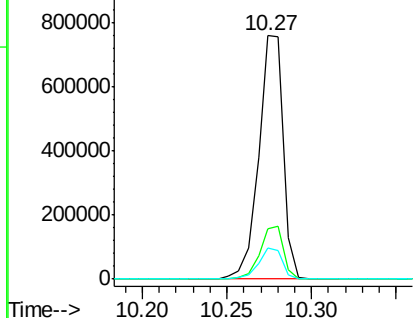
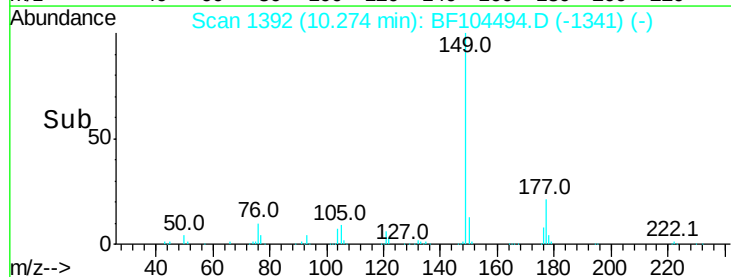


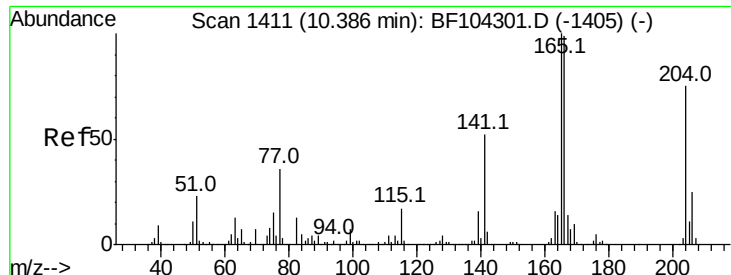
#59
 Diethylphthalate
 Concen: 48.265 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Tgt Ion:149 Resp: 763976
 Ion Ratio Lower Upper
 149 100
 177 20.5 16.1 24.1
 150 12.7 10.1 15.1



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

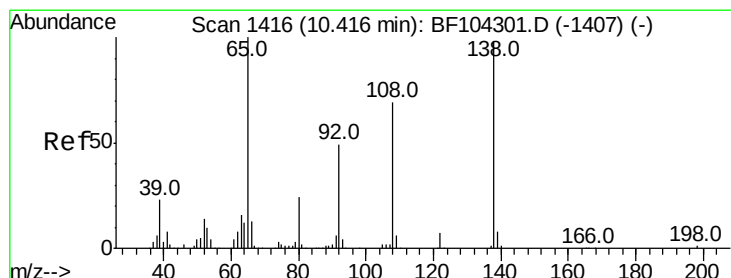
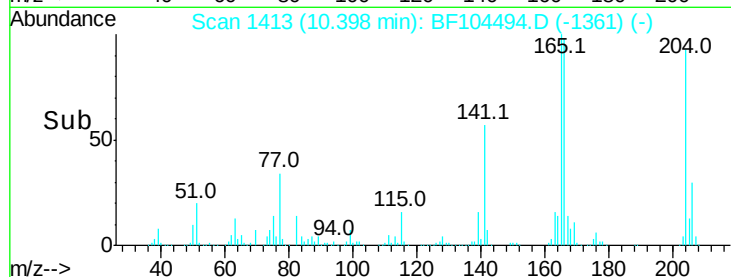
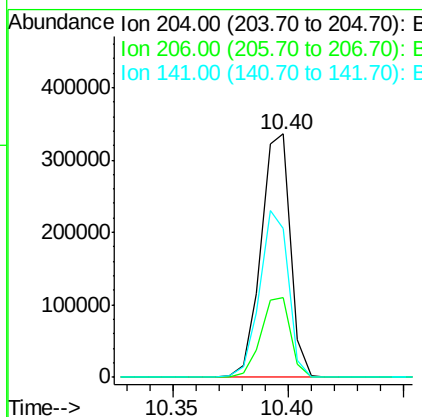
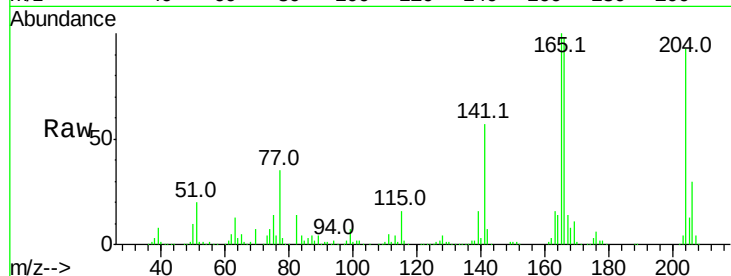




#60
 4-Chlorophenyl-phenylether
 Concen: 51.815 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

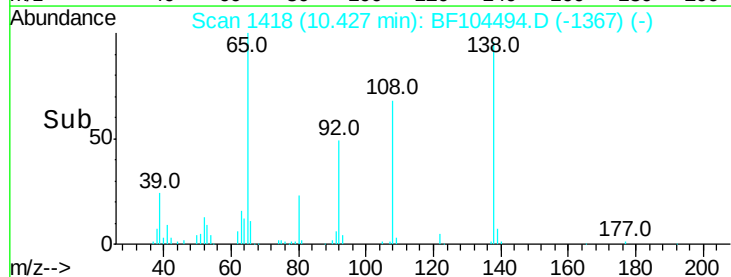
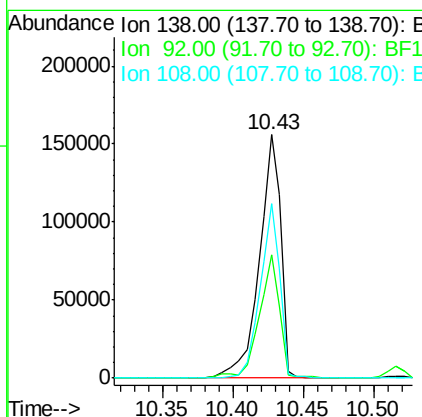
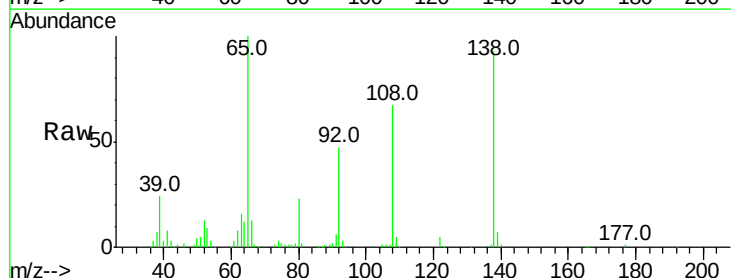
Instrument :
 BNA_F
 ClientSampled :

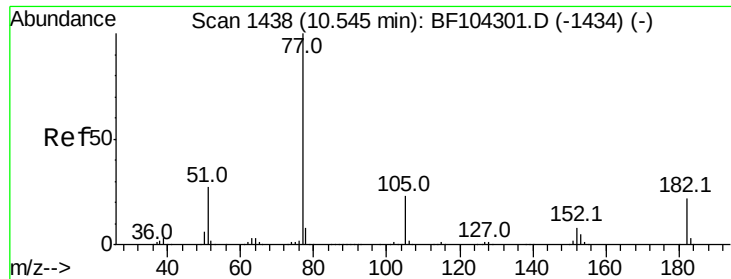
Tot Ion:204 Resp: 299664
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.5 39.7
 141 61.0 54.6 81.8



#61
 4-Nitroaniline
 Concen: 49.674 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Tgt Ion:138 Resp: 167221
 Ion Ratio Lower Upper
 138 100
 92 50.6 30.2 70.2
 108 71.5 52.5 92.5

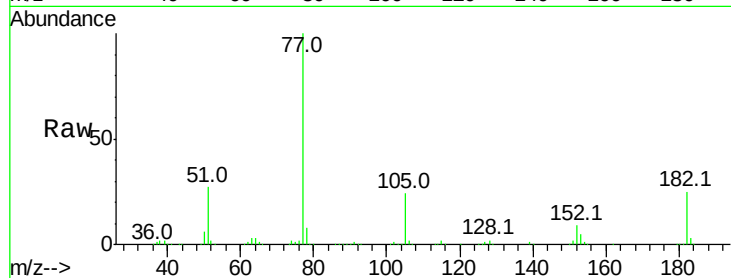




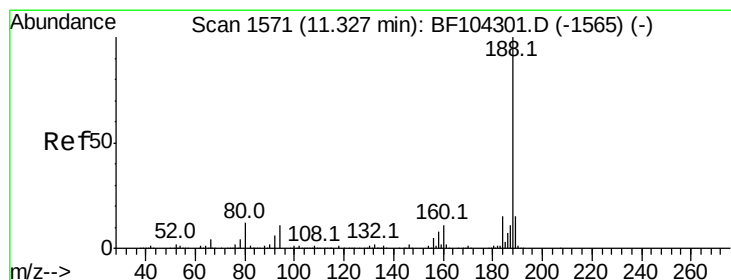
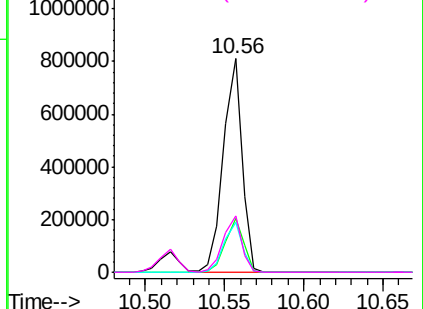
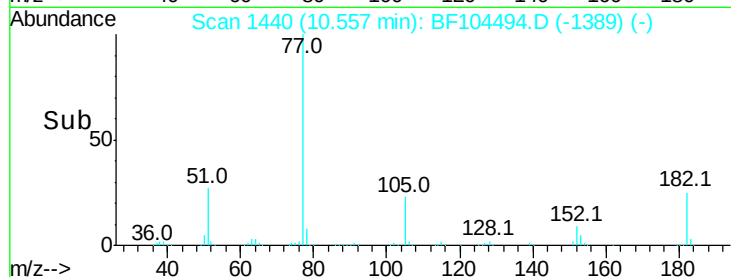
#62
Azobenzene
Concen: 44.014 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 665602
Ion Ratio Lower Upper
77 100
182 25.1 1.7 41.7
105 23.6 3.0 43.0
51 26.6 9.9 49.9

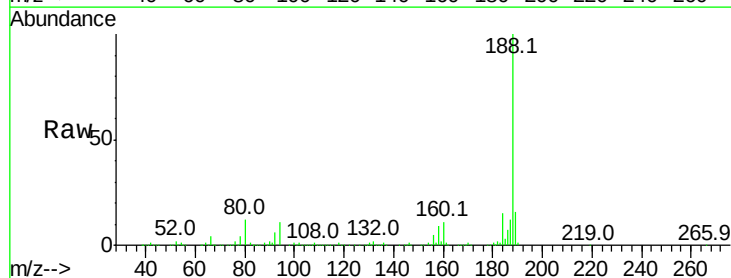


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

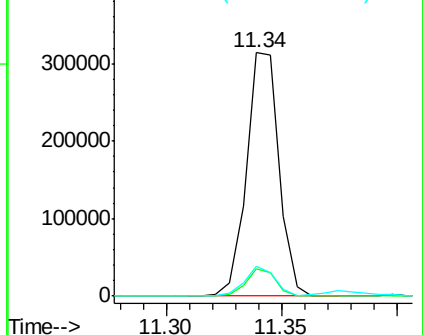
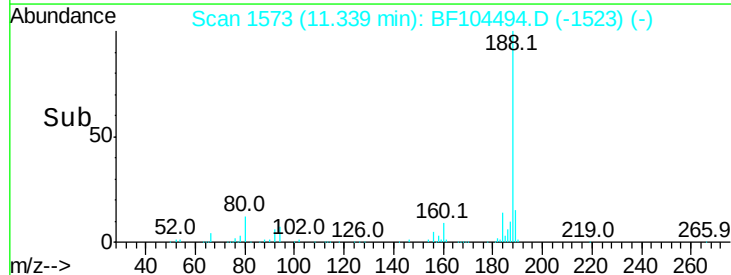


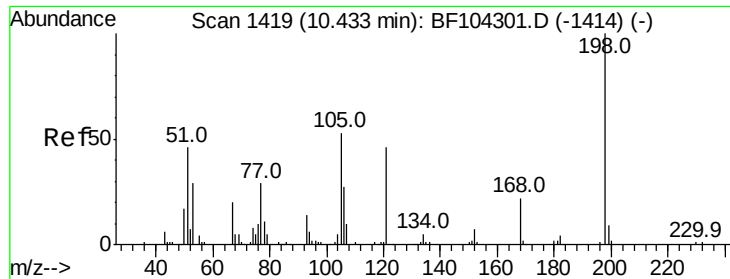
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion: 188 Resp: 308977
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 12.4 9.2 13.8



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

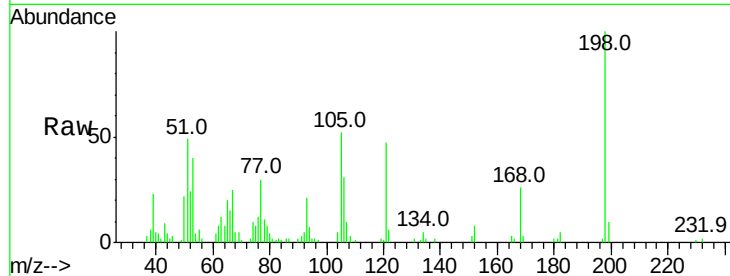




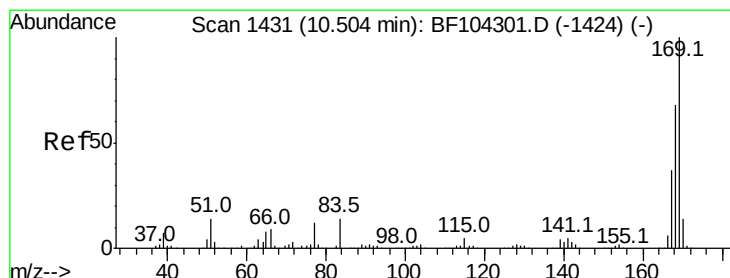
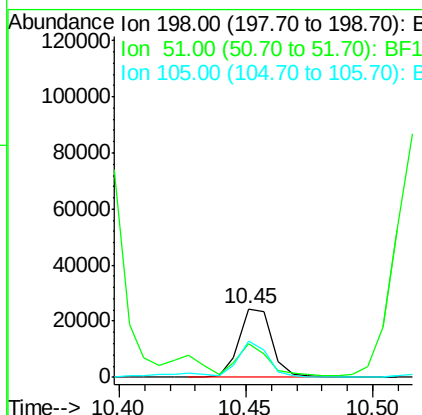
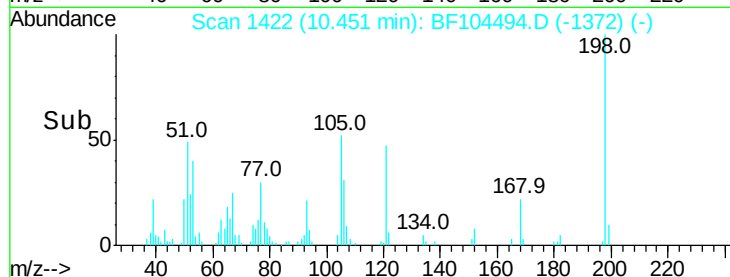
#64
4,6-Dinitro-2-methylphenol
Concen: 19.845 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 22206
Ion Ratio Lower Upper
198 100
51 48.9 37.7 77.7
105 52.3 36.3 76.3

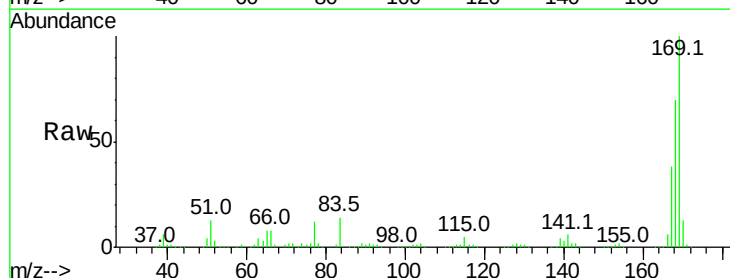


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

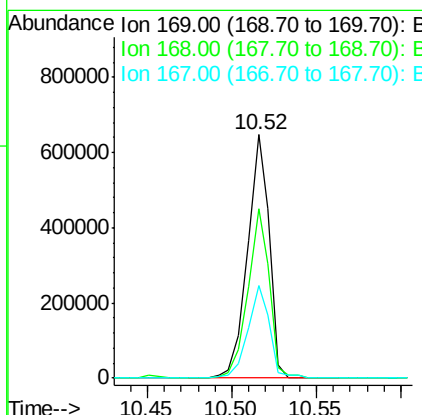
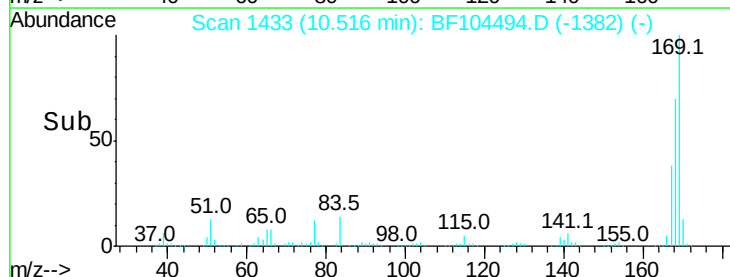


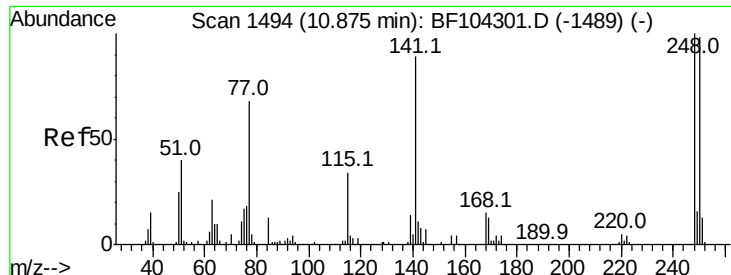
#65
n-Nitrosodiphenylamine
Concen: 54.355 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion:169 Resp: 582310
Ion Ratio Lower Upper
169 100
168 69.7 54.4 81.6
167 38.1 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

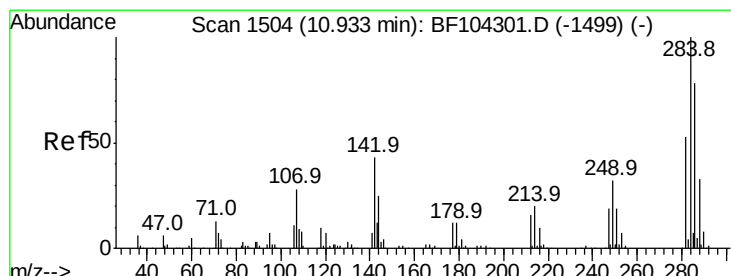
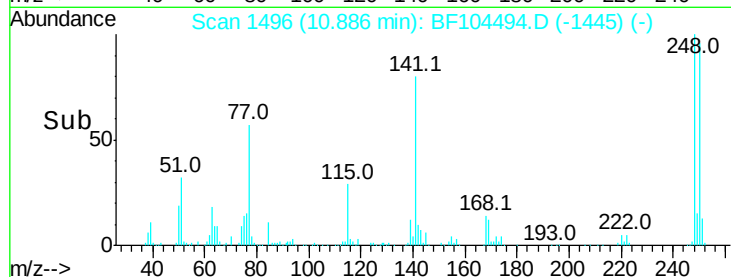
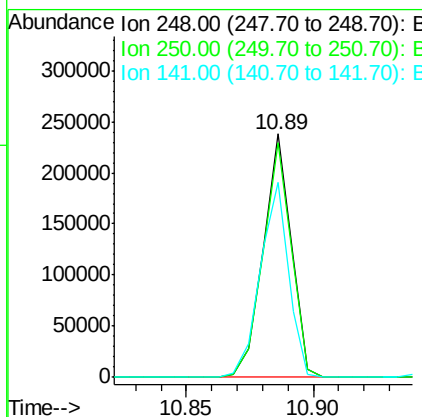
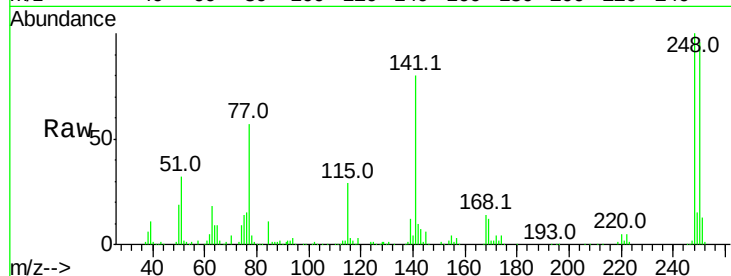




#66
 4-Bromophenyl-phenylether
 Concen: 56.436 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

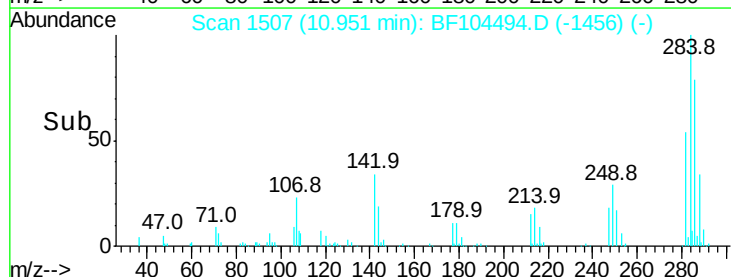
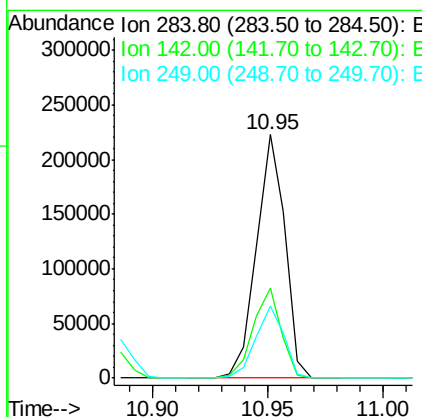
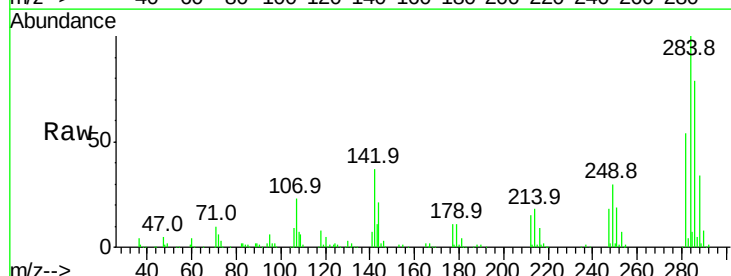
Instrument :
 BNA_F
 ClientSampled :

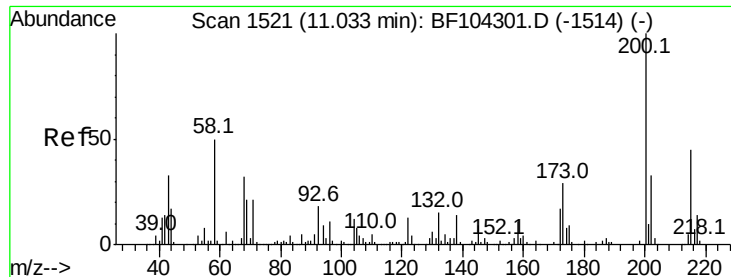
Tot Ion:248 Resp: 185478
 Ion Ratio Lower Upper
 248 100
 250 96.3 76.9 115.3
 141 79.9 74.4 111.6



#67
 Hexachlorobenzene
 Concen: 51.910 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Tgt Ion:284 Resp: 191965
 Ion Ratio Lower Upper
 284 100
 142 36.9 34.6 52.0
 249 29.7 24.8 37.2

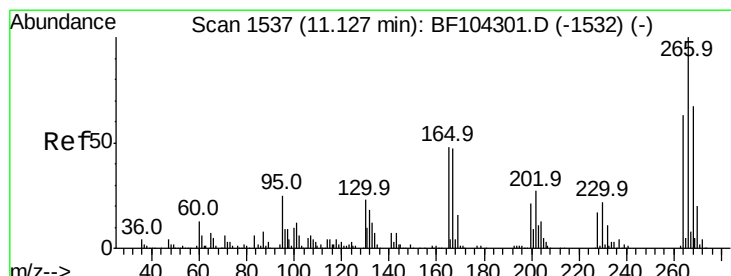
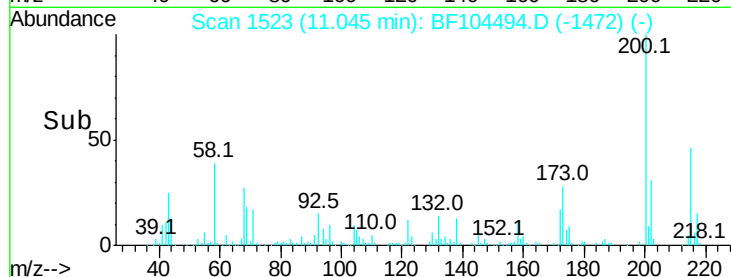
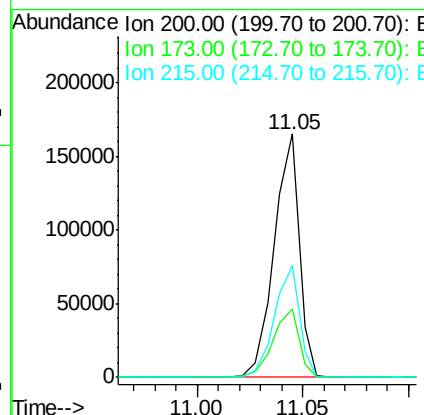
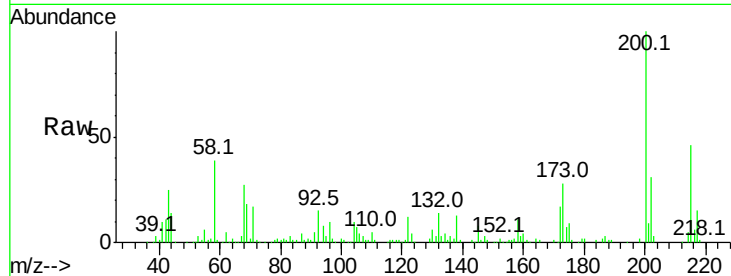




#68
 Atrazine
 Concen: 42.228 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

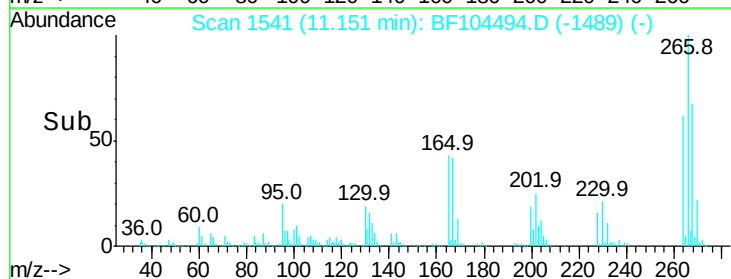
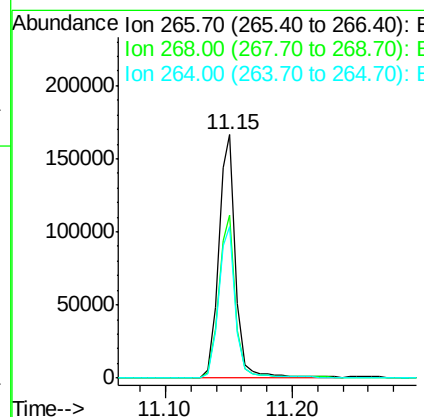
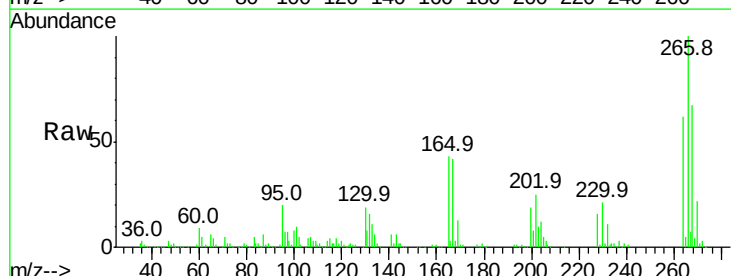
Instrument :
 BNA_F
 ClientSampleId :

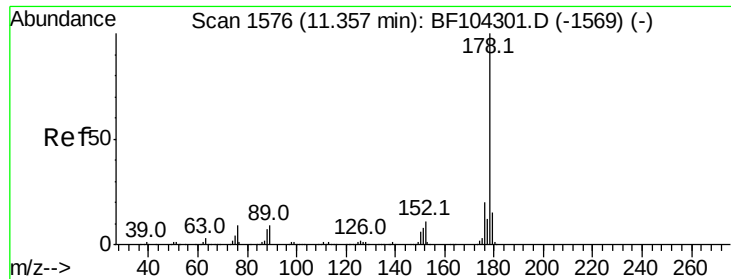
Tot Ion:200 Resp: 136552
 Ion Ratio Lower Upper
 200 100
 173 27.8 8.6 48.6
 215 45.7 25.1 65.1



#69
 Pentachlorophenol
 Concen: 68.989 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Tgt Ion:266 Resp: 157832
 Ion Ratio Lower Upper
 266 100
 268 66.7 51.1 76.7
 264 62.1 49.5 74.3

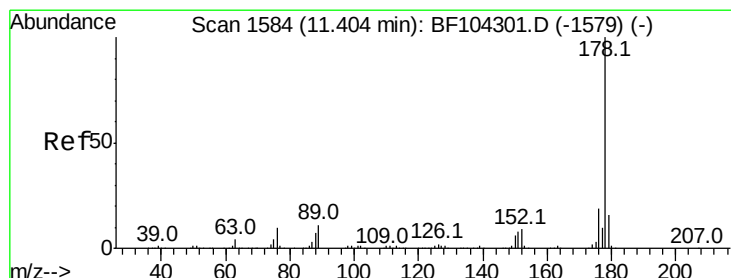
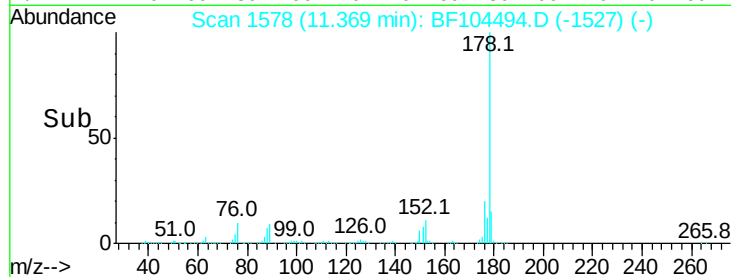
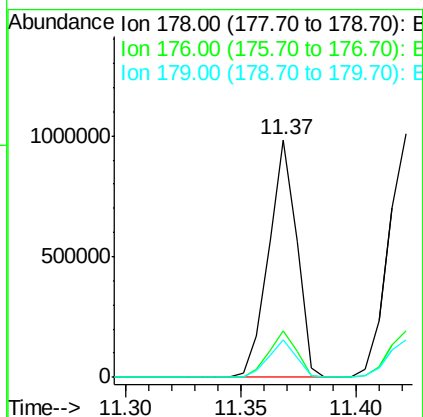
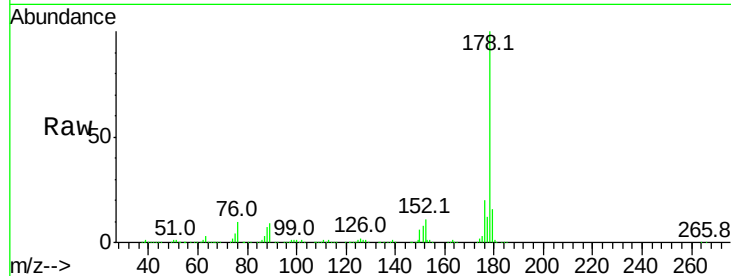




#70
Phenanthrene
Concen: 48.231 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

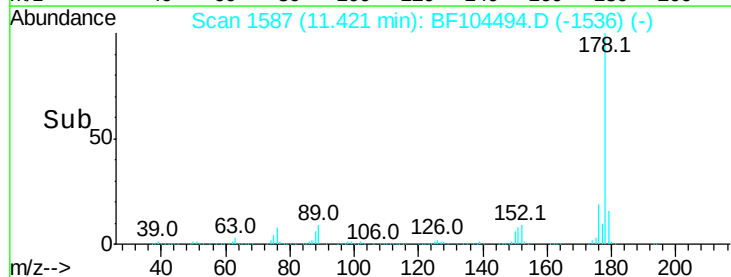
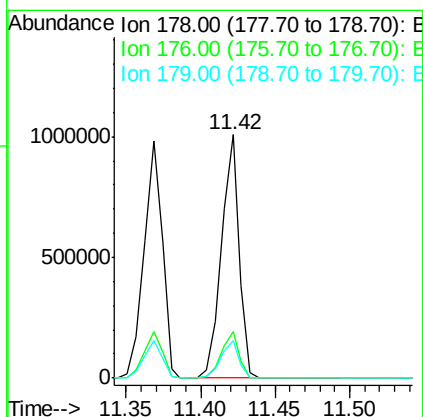
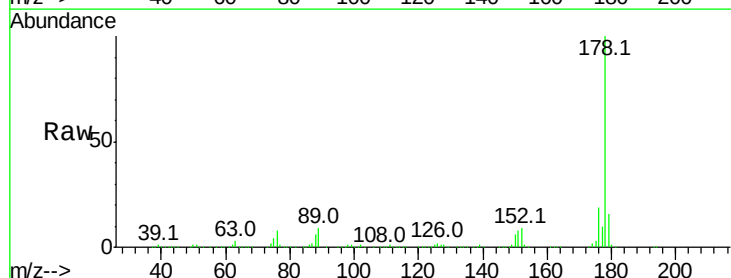
Instrument :
BNA_F
ClientSampled :

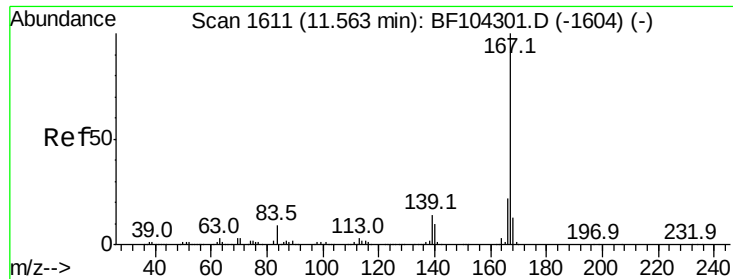
Tot Ion:178 Resp: 829891
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 15.7 13.0 19.6



#71
Anthracene
Concen: 48.289 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion:178 Resp: 844618
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.6 12.6 19.0





#72

Carbazole

Concen: 44.593 ng

RT: 11.58 min Scan# 1614

Delta R.T. 0.01 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Instrument :

BNA_F

ClientSampleId :

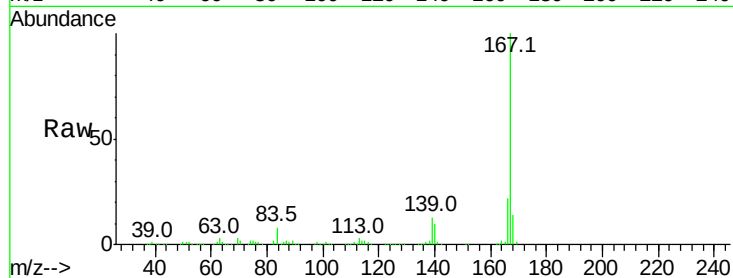
Tot Ion:167 Resp: 762165

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

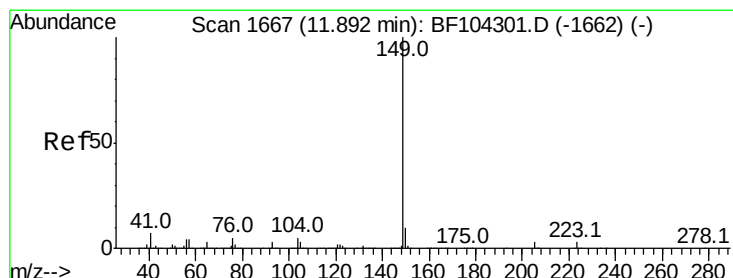
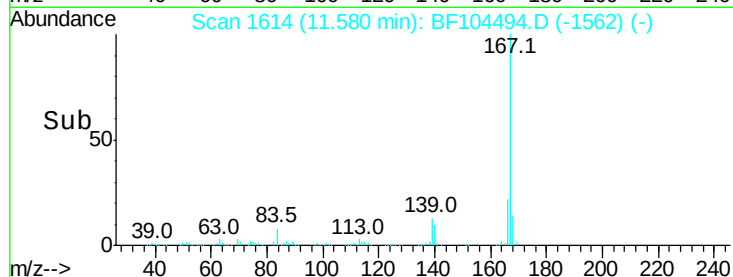
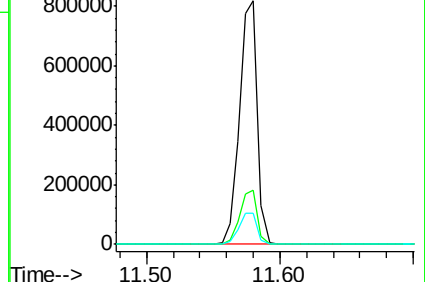
139 12.9 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 49.490 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

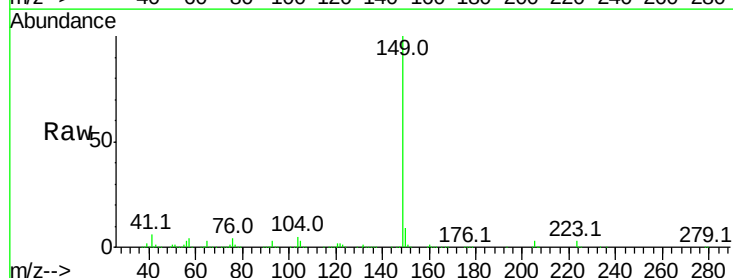
Tgt Ion:149 Resp: 1033278

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

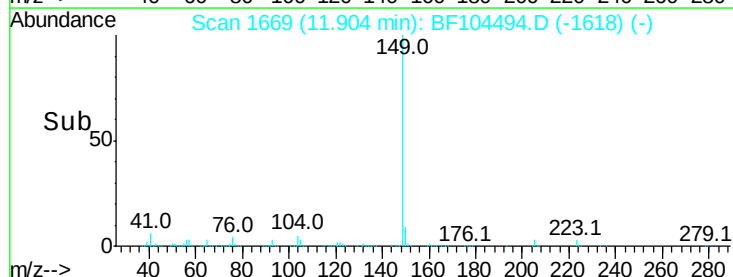
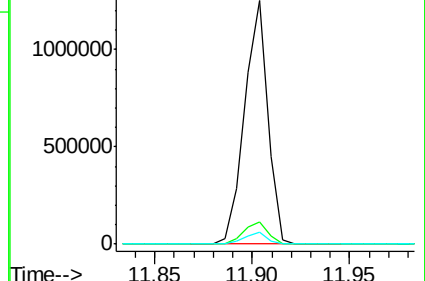
104 4.7 3.8 5.8

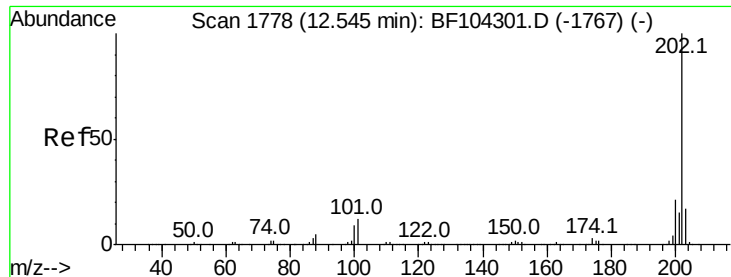


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

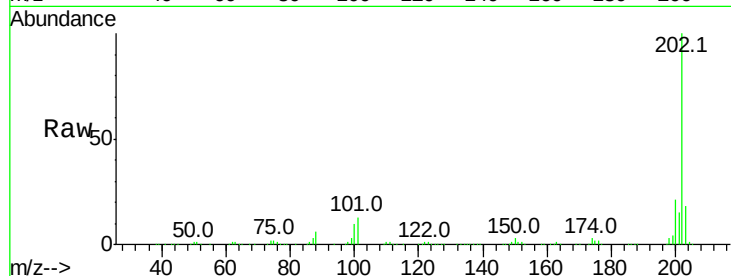




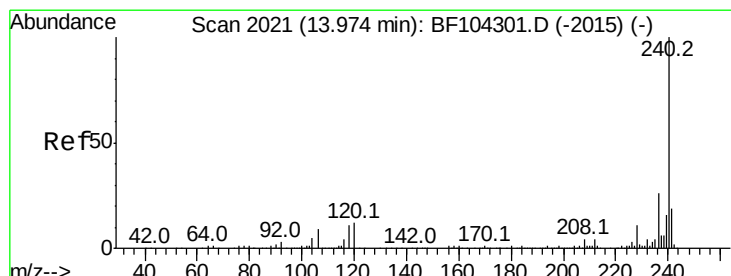
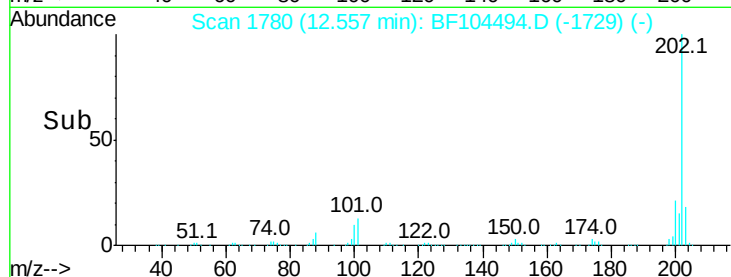
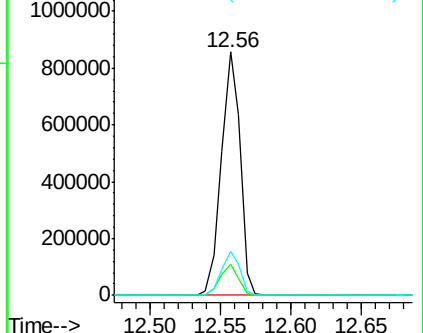
#74
Fluoranthene
Concen: 43.956 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	17.8	0.0	38.1

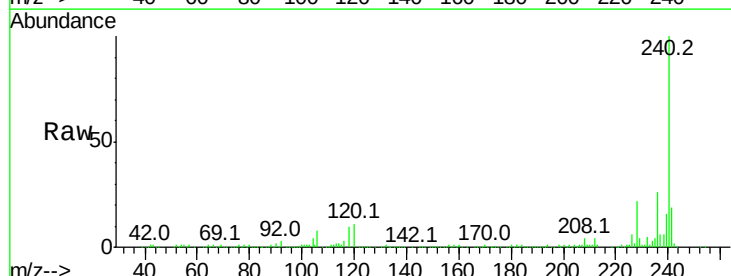


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

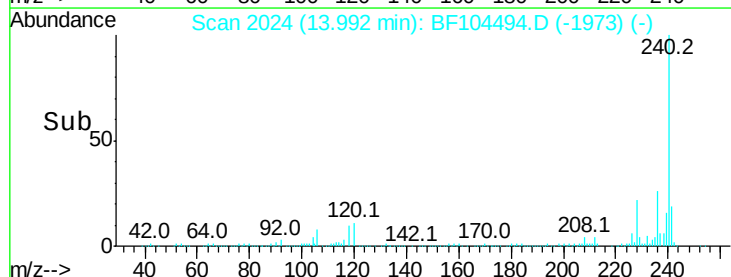
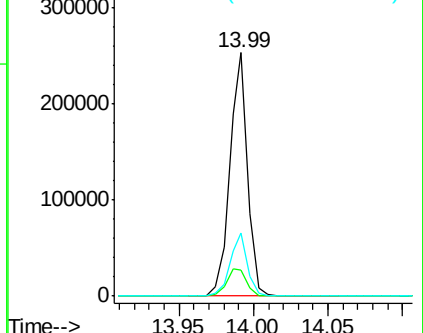


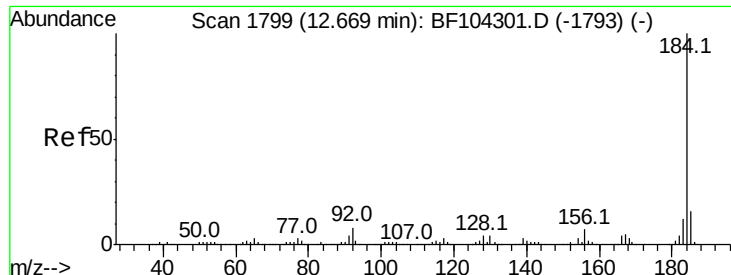
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	25.7	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

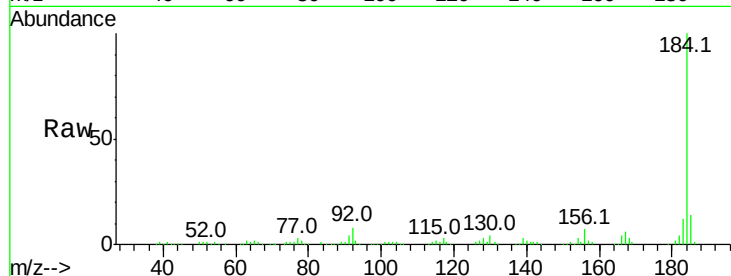




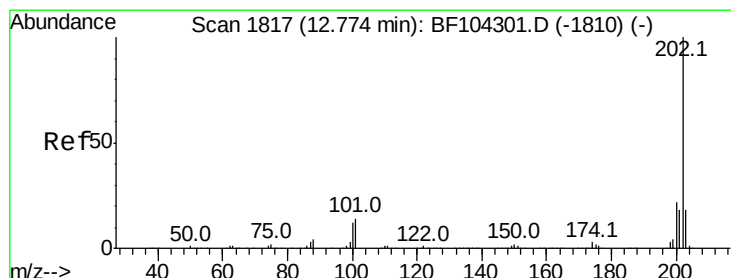
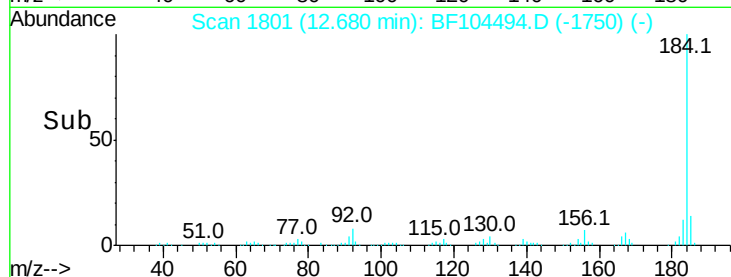
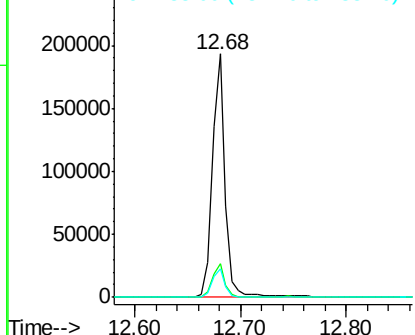
#76
Benzidine
Concen: 18.951 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 165273
Ion Ratio Lower Upper
184 100
185 13.8 12.6 18.8
183 11.8 9.3 13.9

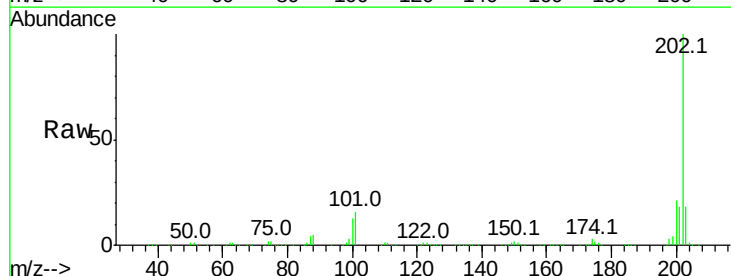


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

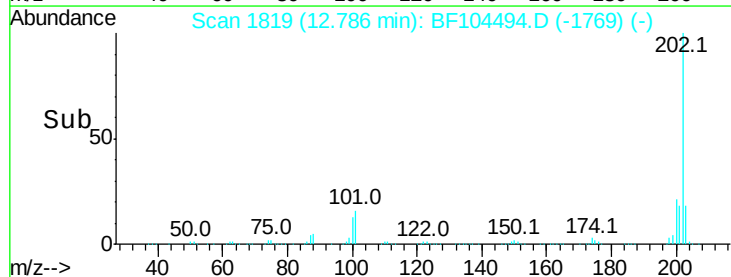
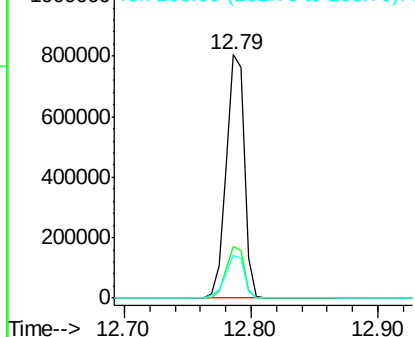


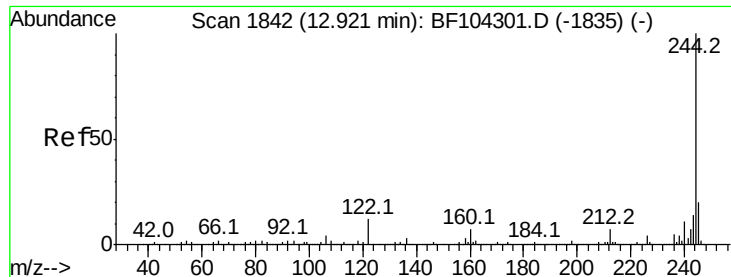
#77
Pyrene
Concen: 50.196 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion:202 Resp: 793022
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.6 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

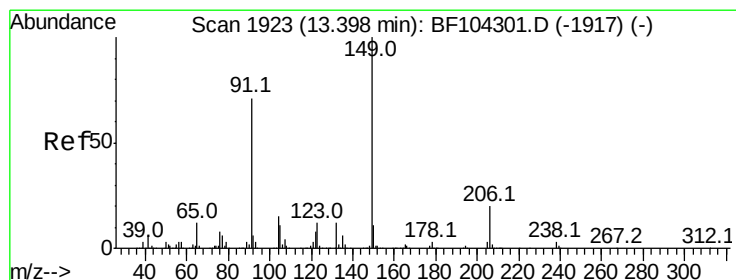
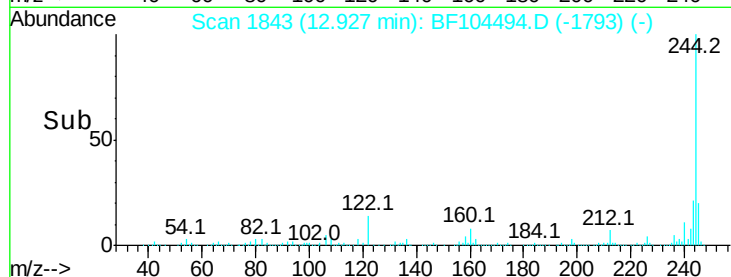
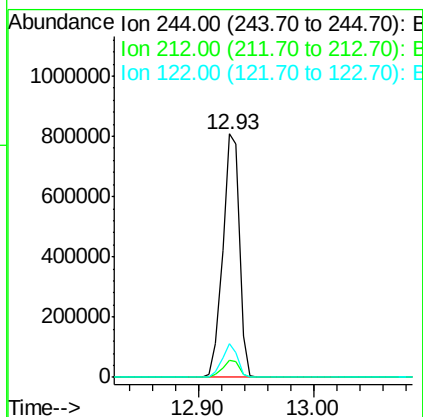
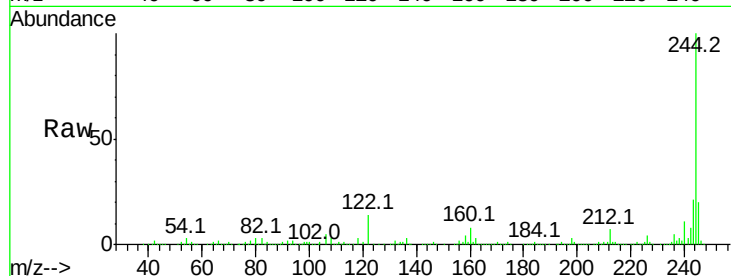




#78
 Terphenyl-d14
 Concen: 86.121 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

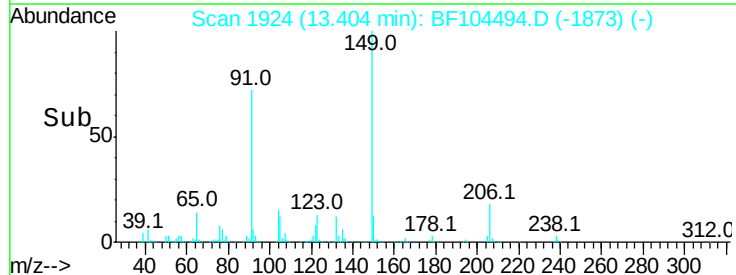
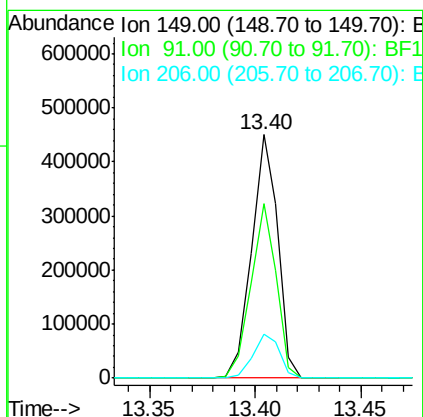
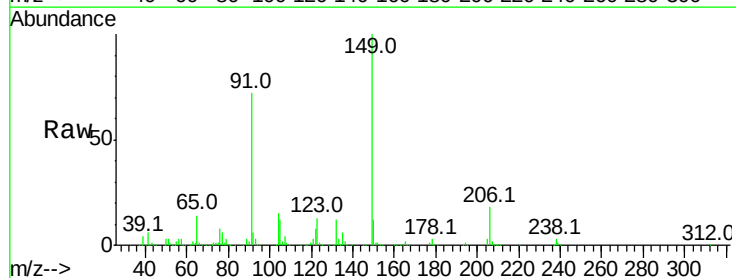
Instrument :
 BNA_F
 ClientSampled :

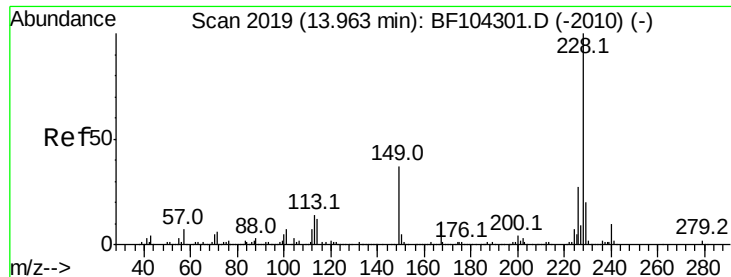
Tot Ion:244 Resp: 805132
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.6 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 51.998 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Tgt Ion:149 Resp: 387013
 Ion Ratio Lower Upper
 149 100
 91 71.9 56.8 85.2
 206 17.9 14.1 21.1

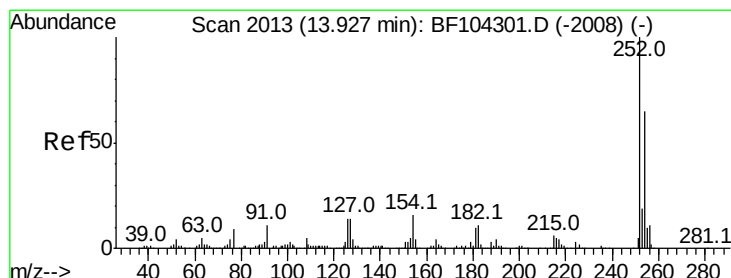
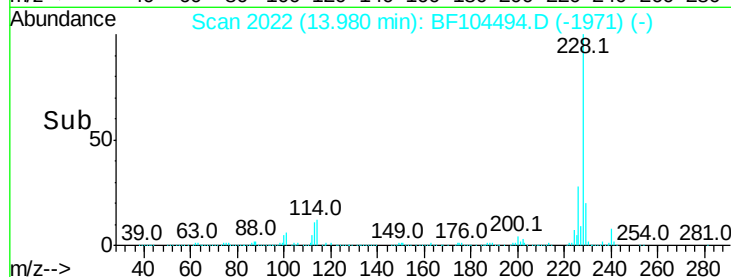
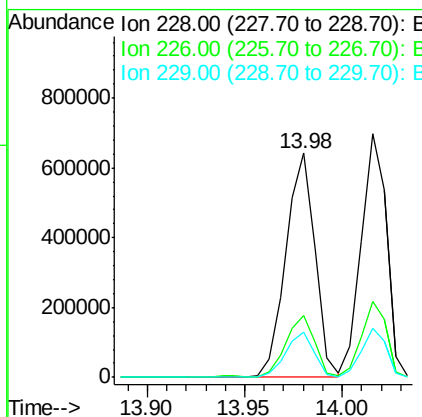
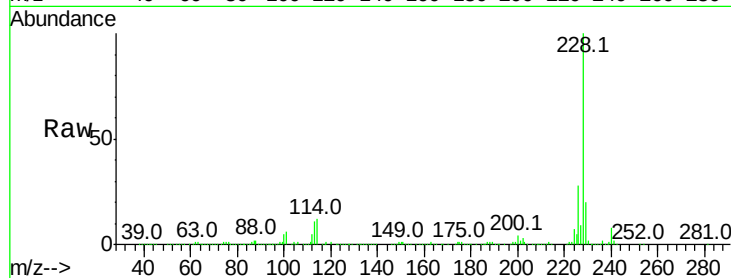




#80
Benzo(a)anthracene
Concen: 52.066 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

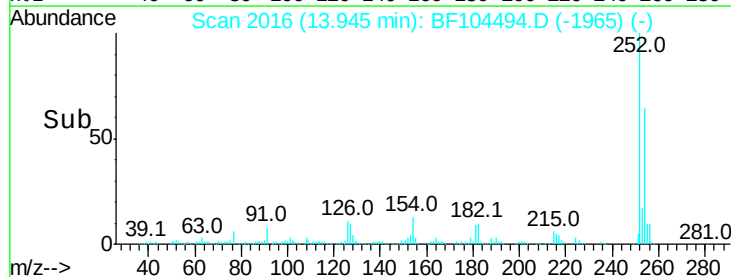
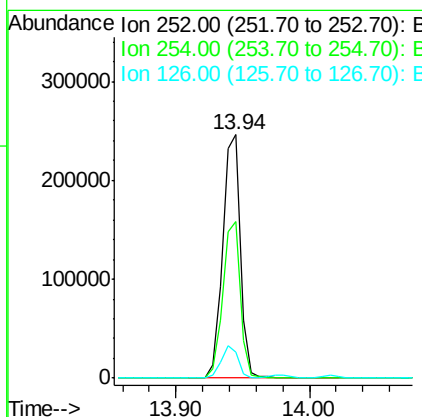
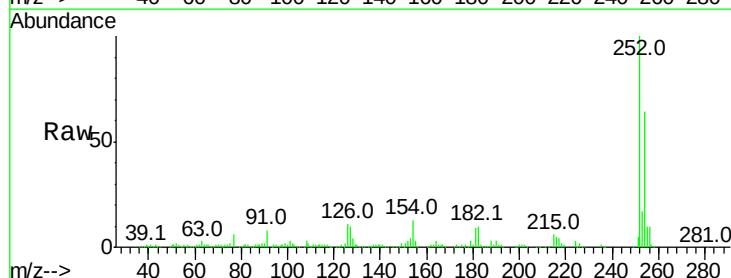
Instrument :
BNA_F
ClientSampleId :

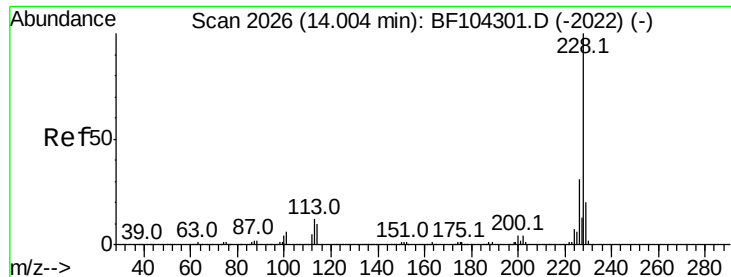
Tot Ion:228 Resp: 662965
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.2 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 48.875 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion:252 Resp: 232040
Ion Ratio Lower Upper
252 100
254 64.4 50.4 75.6
126 10.6 11.3 16.9#





#82

Chrysene

Concen: 48.257 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Instrument :

BNA_F

ClientSampleId :

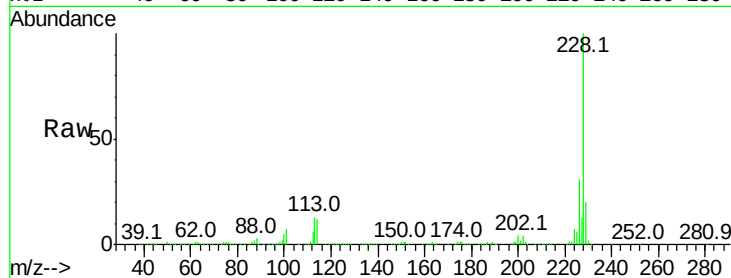
Tot Ion:228 Resp: 631151

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

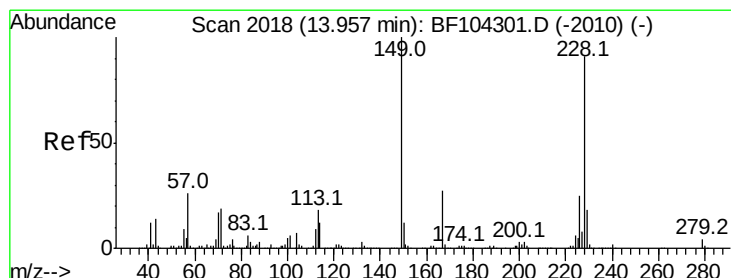
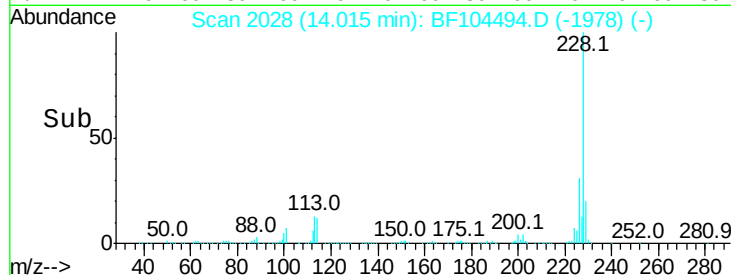
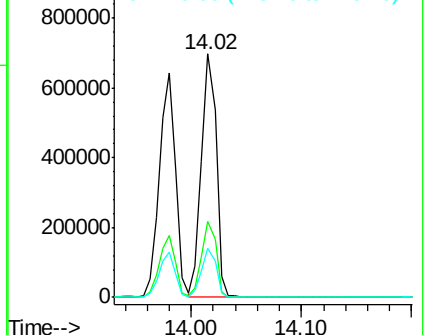
229 20.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 53.980 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

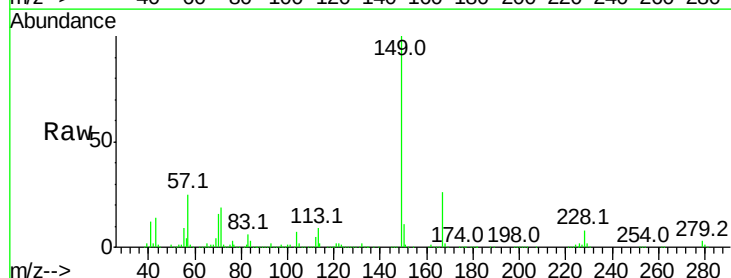
Tgt Ion:149 Resp: 516776

Ion Ratio Lower Upper

149 100

167 25.9 21.3 31.9

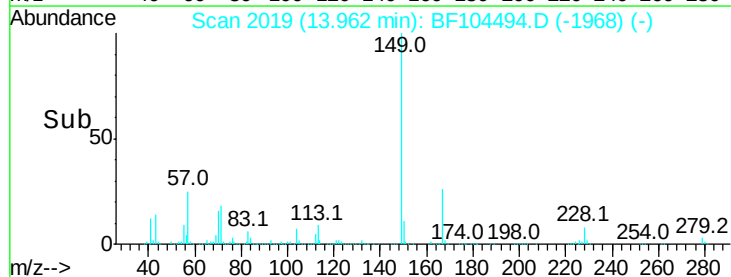
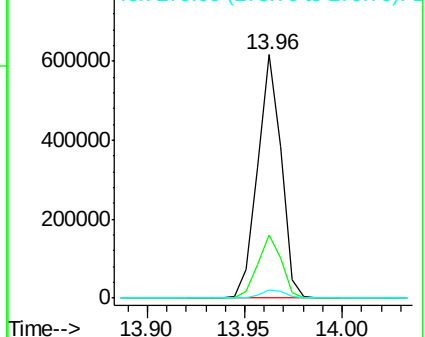
279 3.1 3.0 4.4

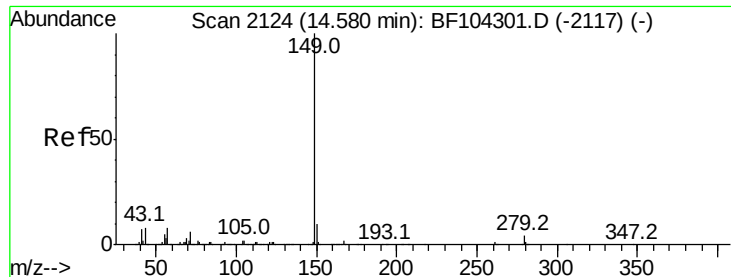


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 52.436 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Instrument :

BNA_F

ClientSampled :

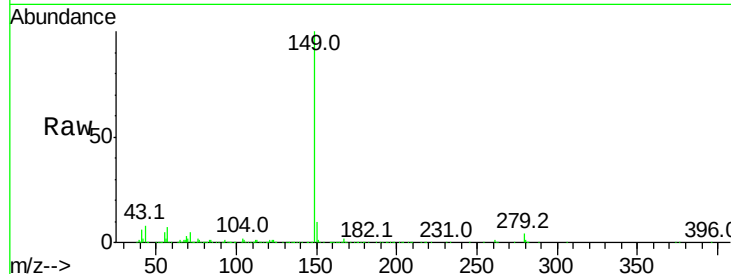
Tot Ion:149 Resp: 838782

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

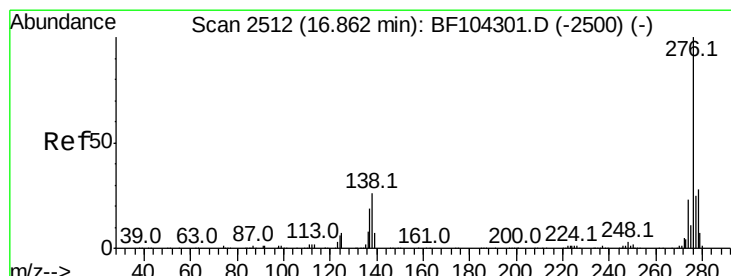
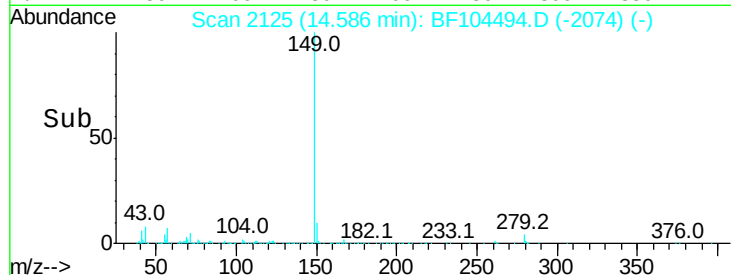
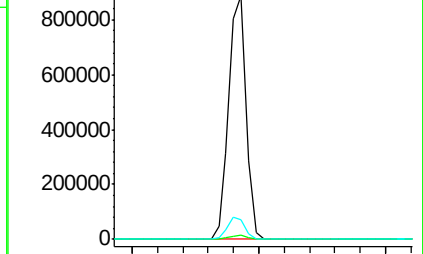
43 8.7 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 43.428 ng

RT: 16.92 min Scan# 2521

Delta R.T. -0.01 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

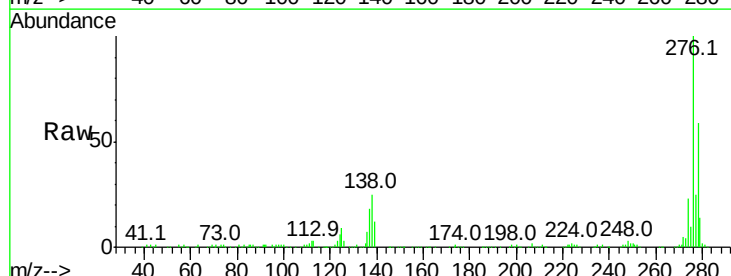
Tgt Ion:276 Resp: 482494

Ion Ratio Lower Upper

276 100

138 28.0 25.0 37.6

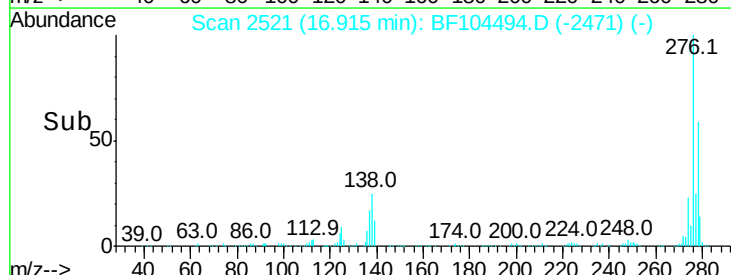
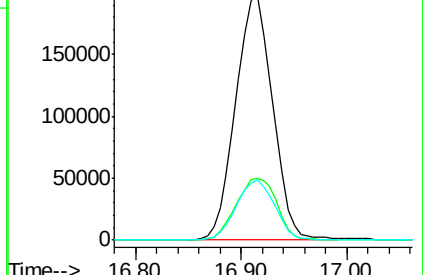
277 25.6 20.1 30.1

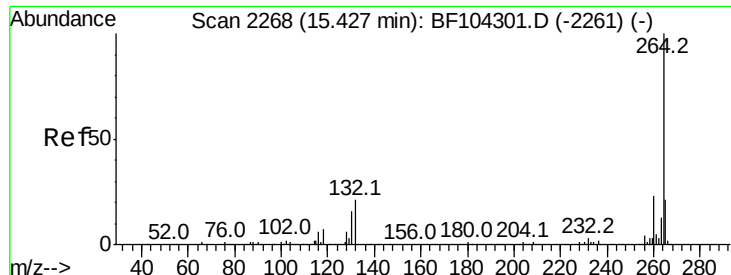


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



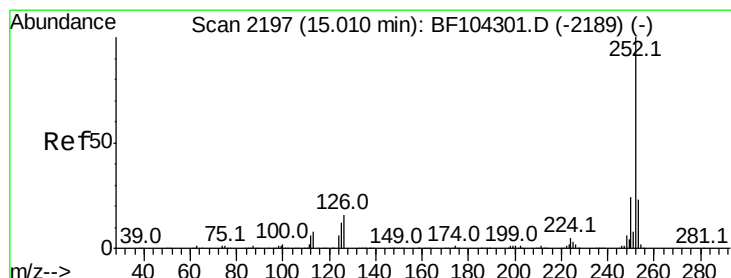
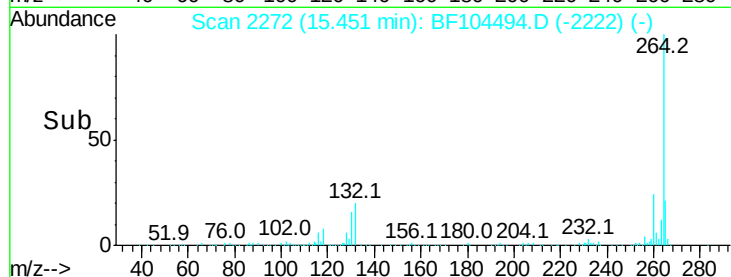
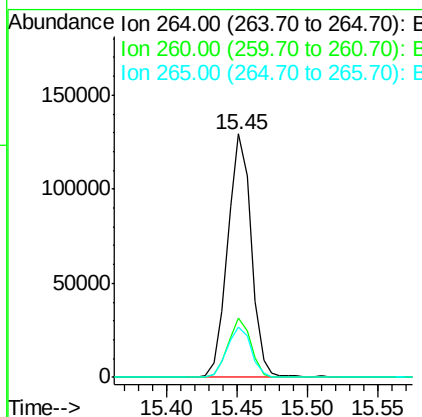
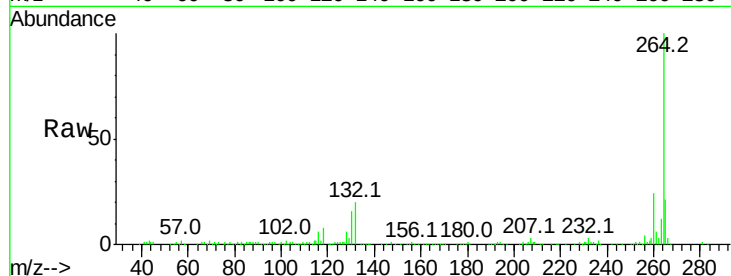


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 150573

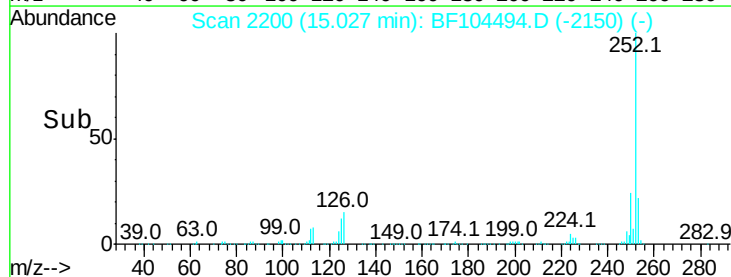
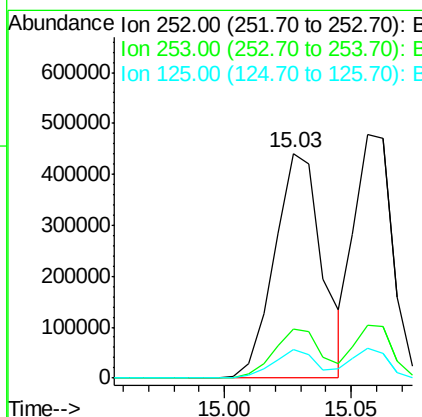
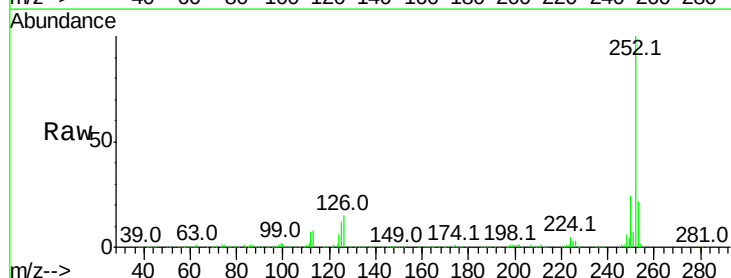
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	20.9	17.5	26.3

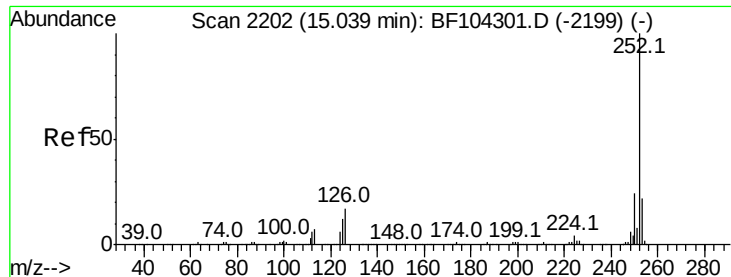


#87
Benzo(b)fluoranthene
Concen: 60.523 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion:252 Resp: 575568

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	12.4	9.0	13.6

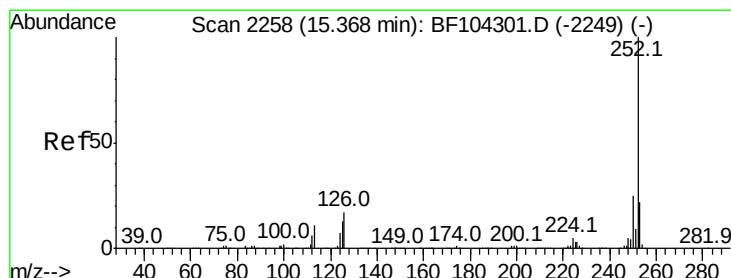
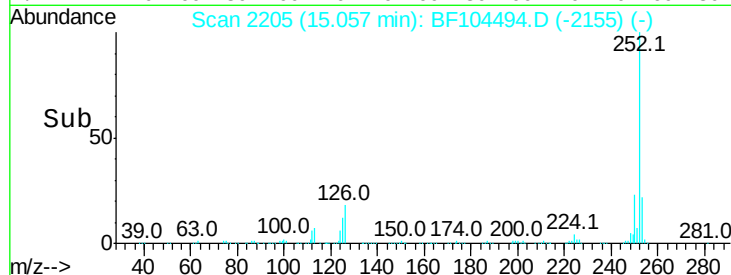
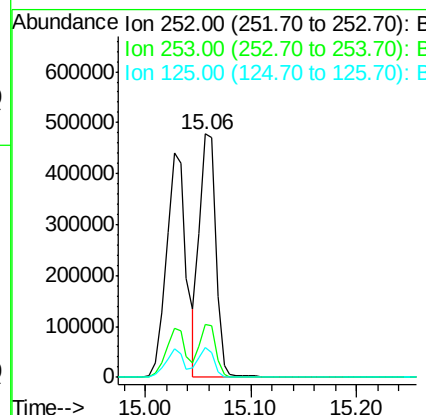
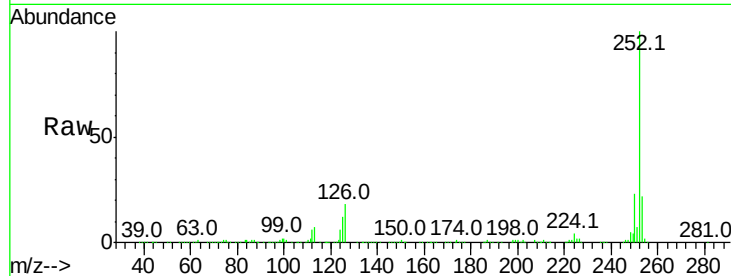




#88
Benzo(k)fluoranthene
Concen: 56.570 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

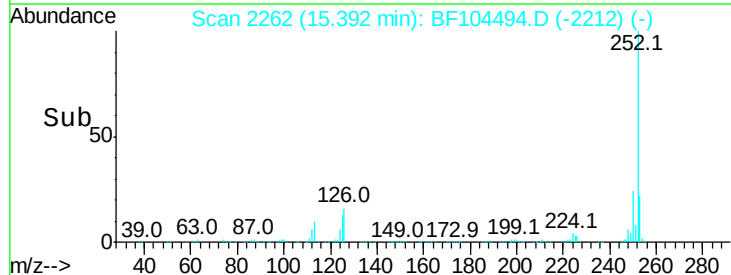
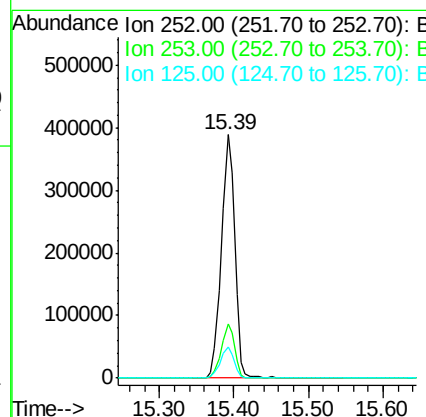
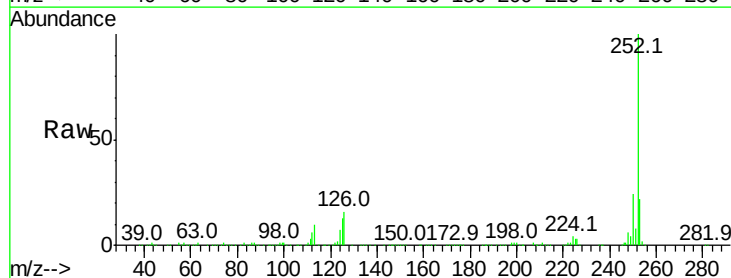
Instrument :
BNA_F
ClientSampleId :

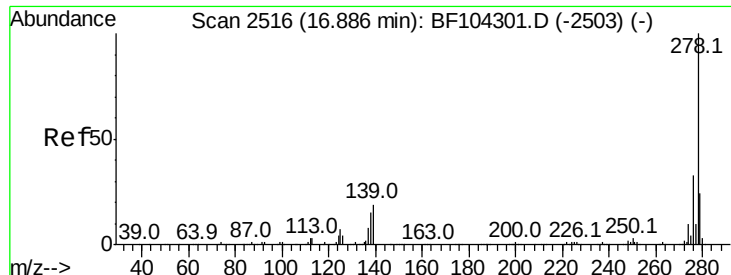
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	12.1	10.2	15.2



#89
Benzo(a)pyrene
Concen: 56.952 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	13.0	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 59.115 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.01 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Instrument :

BNA_F

ClientSampleId :

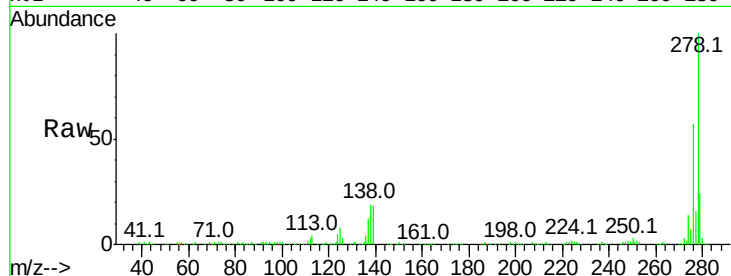
Tot Ion:278 Resp: 413125

Ion Ratio Lower Upper

278 100

139 18.1 15.9 23.9

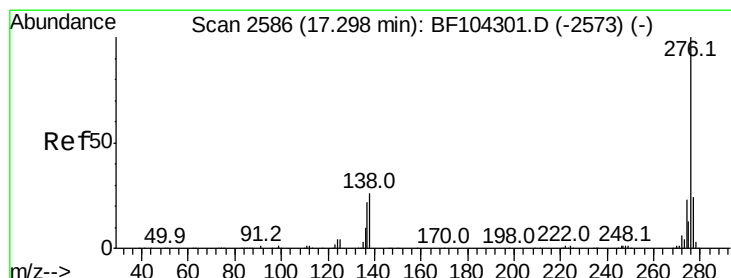
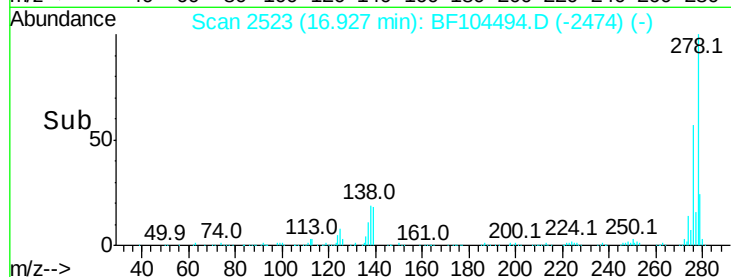
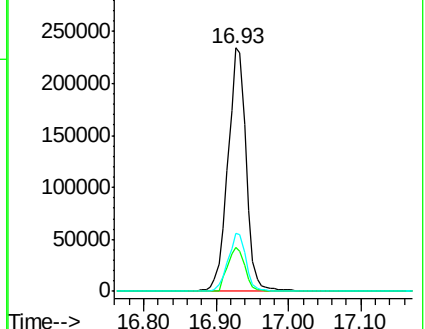
279 23.7 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 58.148 ng

RT: 17.36 min Scan# 2596

Delta R.T. -0.01 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

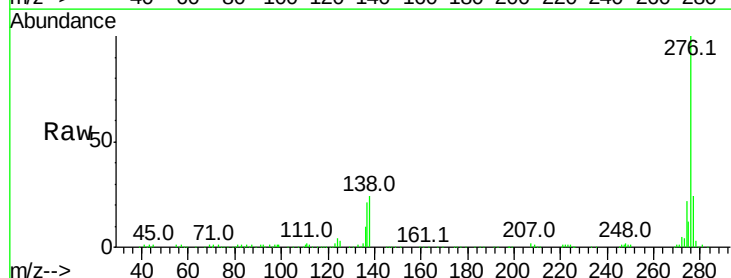
Tgt Ion:276 Resp: 393699

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 23.6 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

