

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104942.D
 Acq On : 30 Apr 2018 19:27
 Operator : JU/SJ
 Sample : J2613-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 04:36:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	116480	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	474456	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	210907	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	352630	20.00	ng	0.00
75) Chrysene-d12	13.97	240	219183	20.00	ng	0.00
86) Perylene-d12	15.43	264	198018	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	725852	95.28	ng	0.01
7) Phenol-d6	6.44	99	884775	94.53	ng	0.00
23) Nitrobenzene-d5	7.36	82	548339	75.47	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	209699	95.85	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	977071	73.19	ng	0.00
78) Terphenyl-d14	12.91	244	767774	79.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	88681	24.98	ng	87
3) Pyridine	3.29	79	236219	23.67	ng	85
4) n-Nitrosodimethylamine	3.25	42	102508	29.38	ng	# 77
6) Aniline	6.46	93	226995	17.46	ng	# 63
8) 2-Chlorophenol	6.58	128	270913	33.69	ng	93
9) Benzaldehyde	6.34	77	101371	17.58	ng	98
10) Phenol	6.45	94	330273	33.26	ng	84
11) bis(2-Chloroethyl)ether	6.53	93	248787	31.39	ng	94
12) 1,3-Dichlorobenzene	6.73	146	283258	31.10	ng	99
13) 1,4-Dichlorobenzene	6.81	146	288171	31.74	ng	99
14) 1,2-Dichlorobenzene	6.96	146	268934	31.96	ng	98
15) Benzyl Alcohol	6.94	79	212240	29.86	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	282543	26.55	ng	76
17) 2-Methylphenol	7.06	107	220359	31.53	ng	# 93
18) Hexachloroethane	7.30	117	97695	30.18	ng	99
19) n-Nitroso-di-n-propylamine	7.21	70	170609	27.89	ng	91
20) 3+4-Methylphenols	7.21	107	275035	31.73	ng	# 78
22) Acetophenone	7.20	105	359355	30.76	ng	99
24) Nitrobenzene	7.38	77	267242	33.31	ng	95
25) Isophorone	7.62	82	482764	31.42	ng	99
26) 2-Nitrophenol	7.69	139	139266	42.64	ng	97
27) 2,4-Dimethylphenol	7.73	122	233610	34.45	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	311787	33.19	ng	99
29) 2,4-Dichlorophenol	7.94	162	223098	34.48	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	229069	32.26	ng	99
31) Naphthalene	8.10	128	750606	31.77	ng	100
32) Benzoic acid	7.83	122	41309	7.63	ng	98
33) 4-Chloroaniline	8.15	127	135641	13.40	ng	96
34) Hexachlorobutadiene	8.21	225	124344	31.97	ng	99
35) Caprolactam	8.52	113	68295	30.26	ng	# 76
36) 4-Chloro-3-methylphenol	8.65	107	230191	33.18	ng	98
37) 2-Methylnaphthalene	8.79	142	495481	32.42	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	214381	35.51	ng	99
40) Hexachlorocyclopentadiene	8.93	237	53692	15.89	ng	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	144158	34.40	nq	98
43) 2,4,5-Trichlorophenol	9.12	196	152962	32.61	nq	96
45) 1,1'-Biphenyl	9.25	154	590811	33.35	nq	99
46) 2-Chloronaphthalene	9.28	162	461433	32.97	nq	99
47) 2-Nitroaniline	9.38	65	134644	38.90	nq	98
48) Acenaphthylene	9.70	152	675225	30.75	nq	99
49) Dimethylphthalate	9.55	163	631175	37.95	nq	100
50) 2,6-Dinitrotoluene	9.63	165	119862	38.95	nq	# 84
51) Acenaphthene	9.87	154	396411	29.59	nq	99
52) 3-Nitroaniline	9.80	138	97394	27.03	nq	90
53) 2,4-Dinitrophenol	9.91	184	12657	18.75	nq	# 25
54) Dibenzofuran	10.04	168	590376	31.62	nq	97
55) 4-Nitrophenol	9.97	139	149207	52.72	nq	97
56) 2,4-Dinitrotoluene	10.03	165	141235	34.99	nq	# 96
57) Fluorene	10.39	166	471860	34.72	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	109831	31.39	nq	94
59) Diethylphthalate	10.25	149	523854	31.63	nq	99
60) 4-Chlorophenyl-phenylether	10.37	204	220173	36.38	nq	95
61) 4-Nitroaniline	10.41	138	113675	32.27	nq	95
62) Azobenzene	10.53	77	460345	29.09	nq	94
64) 4,6-Dinitro-2-methylphenol	10.45	198	17655	16.05	nq	# 74
65) n-Nitrosodiphenylamine	10.49	169	419974	34.35	nq	100
66) 4-Bromophenyl-phenylether	10.86	248	131092	34.95	nq	93
67) Hexachlorobenzene	10.93	284	142862	33.85	nq	# 87
68) Atrazine	11.02	200	130302	35.31	nq	99
69) Pentachlorophenol	11.13	266	96871	37.10	nq	97
70) Phenanthrene	11.35	178	640539	32.62	nq	99
71) Anthracene	11.40	178	653898	32.76	nq	99
72) Carbazole	11.56	167	568080	29.12	nq	100
73) Di-n-butylphthalate	11.88	149	766448	32.17	nq	98
74) Fluoranthene	12.54	202	593765	28.94	nq	97
76) Benzidine	12.66	184	237663	29.53	nq	98
77) Pyrene	12.77	202	579731	35.68	nq	99
79) Butylbenzylphthalate	13.38	149	273631	35.75	nq	95
80) Benzo(a)anthracene	13.96	228	463501	35.40	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	147000	30.11	nq	98
82) Chrysene	14.00	228	432187	32.13	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	378001	38.40	nq	99
84) Di-n-octyl phthalate	14.55	149	592137	36.00	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.90	276	373396	32.68	nq	95
87) Benzo(b)fluoranthene	15.01	252	409835	32.77	nq	99
88) Benzo(k)fluoranthene	15.04	252	393902	33.36	nq	97
89) Benzo(a)pyrene	15.37	252	376465	33.64	nq	99
90) Dibenzo(a,h)anthracene	16.90	278	312709	34.03	nq	97
91) Benzo(g,h,i)perylene	17.33	276	299929	33.68	nq	95

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

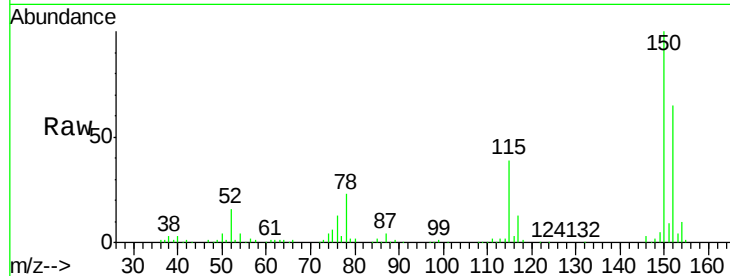


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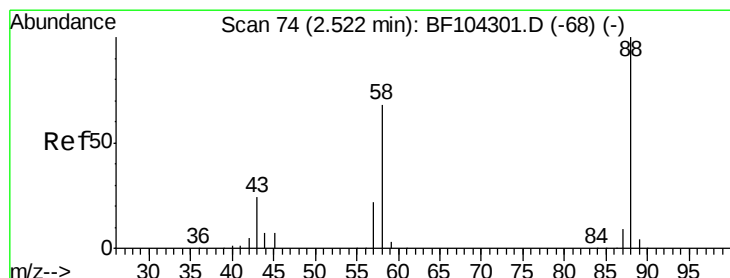
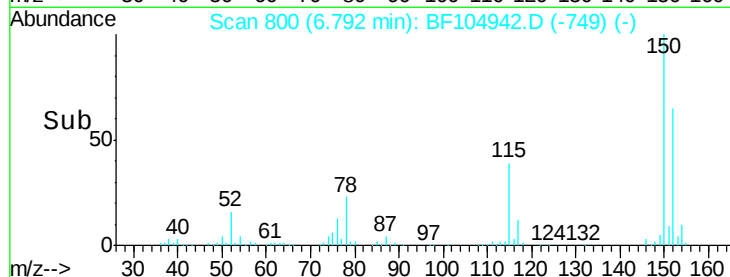
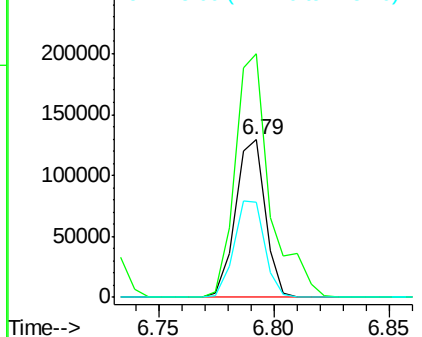
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 116480
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 60.4 50.1 75.1



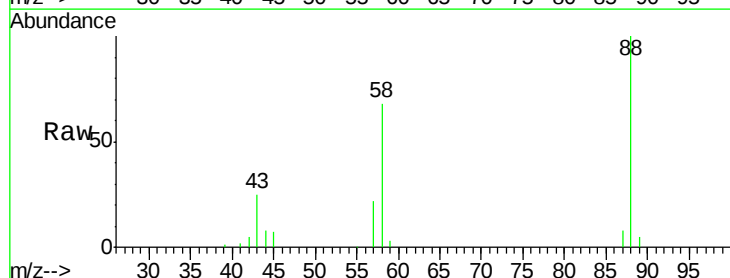
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



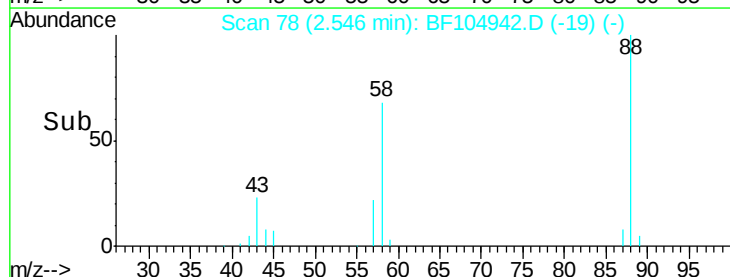
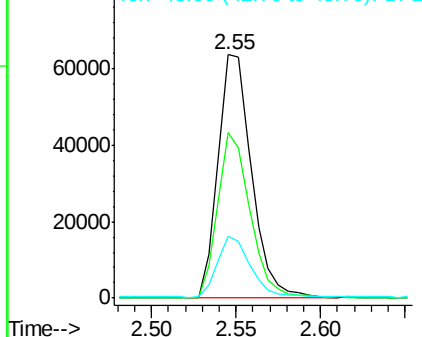
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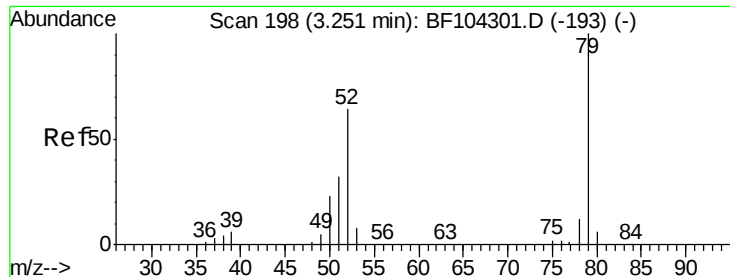
1,4-Dioxane
Concen: 24.98 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.05 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Tgt Ion: 88 Resp: 88681
Ion Ratio Lower Upper
88 100
58 65.9 62.6 93.8
43 26.0 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 23.67 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.06 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampled :

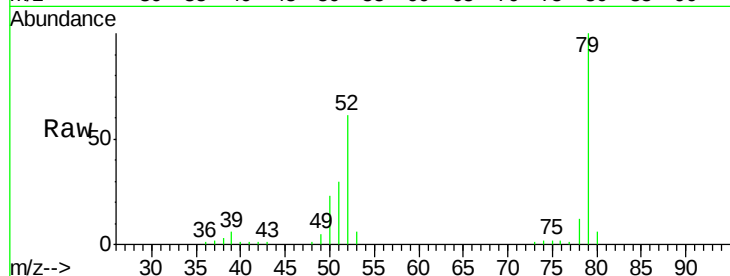
Tot Ion: 79 Resp: 236219

Ion Ratio Lower Upper

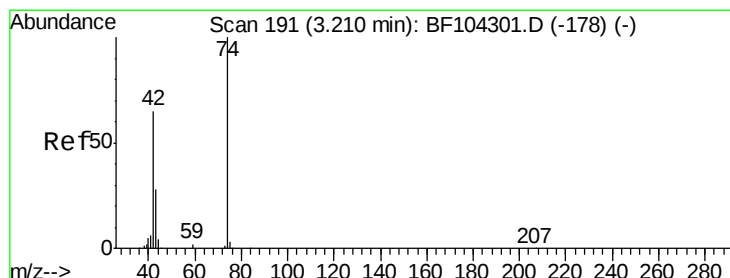
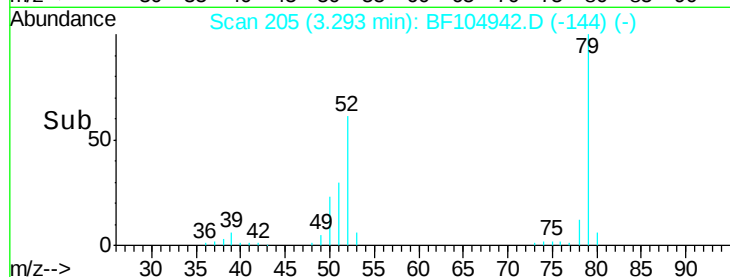
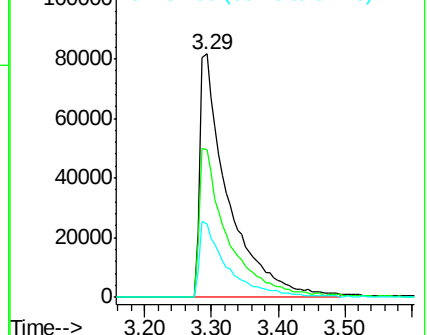
79 100

52 60.7 59.8 89.6

51 30.3 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: 29.38 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.04 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

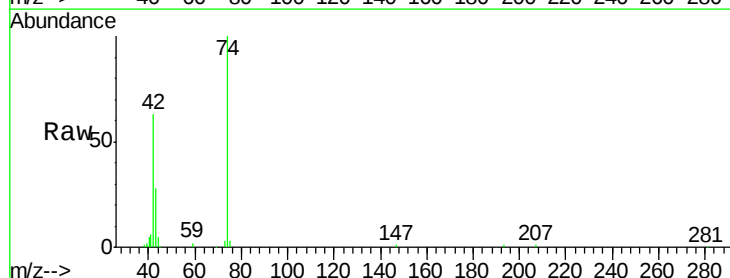
Tgt Ion: 42 Resp: 102508

Ion Ratio Lower Upper

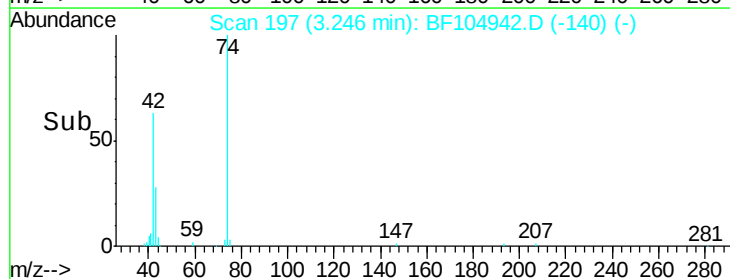
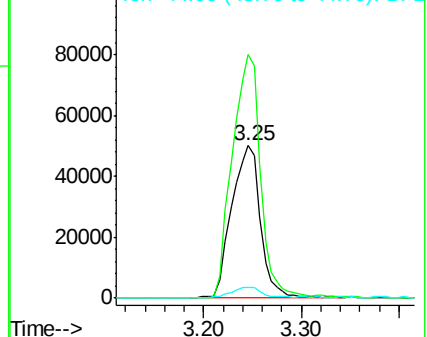
42 100

74 159.5 104.9 157.3#

44 7.2 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

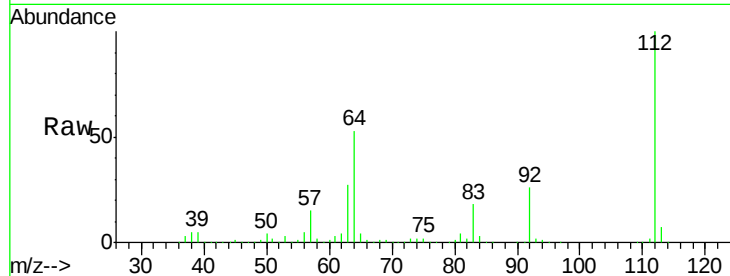




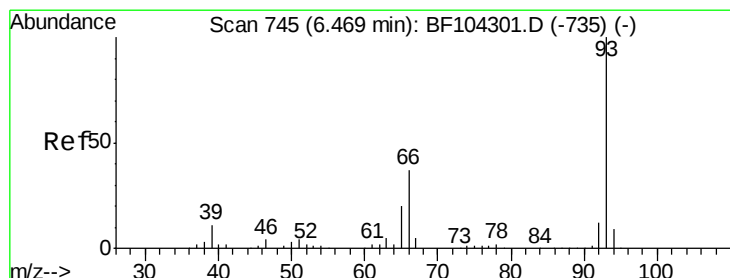
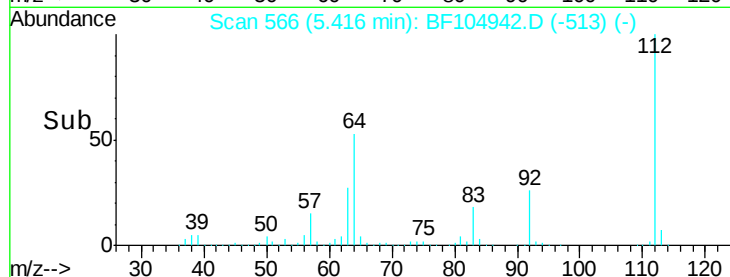
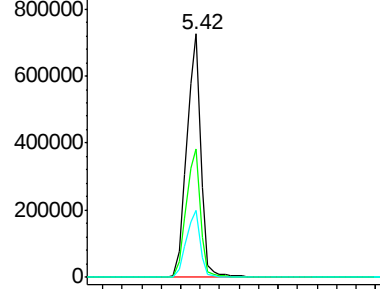
#5
 2-Fluorophenol
 Concen: 95.28 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:112 Resp: 725852
 Ion Ratio Lower Upper
 112 100
 64 53.0 47.9 71.9
 63 27.5 23.7 35.5

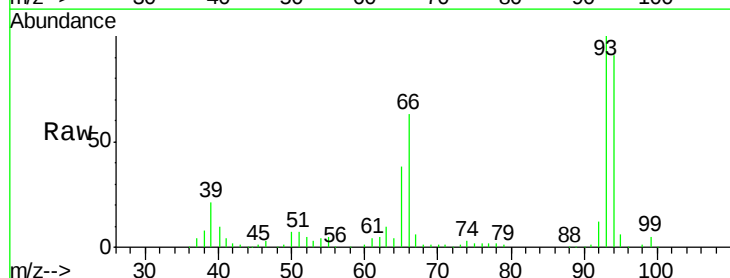


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

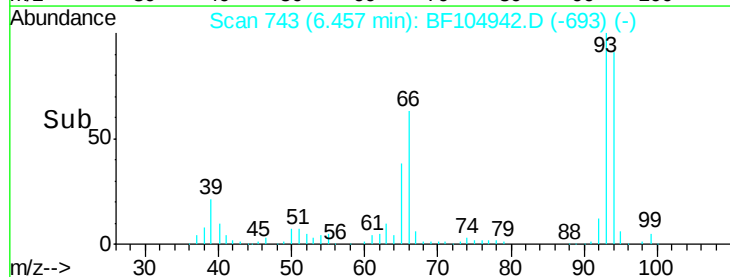
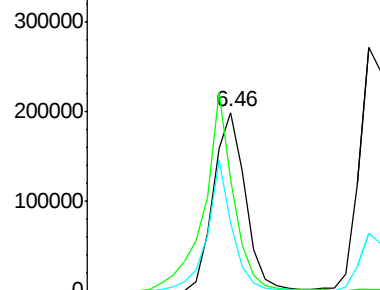


#6
 Aniline
 Concen: 17.46 ng
 RT: 6.46 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion: 93 Resp: 226995
 Ion Ratio Lower Upper
 93 100
 66 62.6 32.2 48.2#
 65 38.3 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: 94.53 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampled :

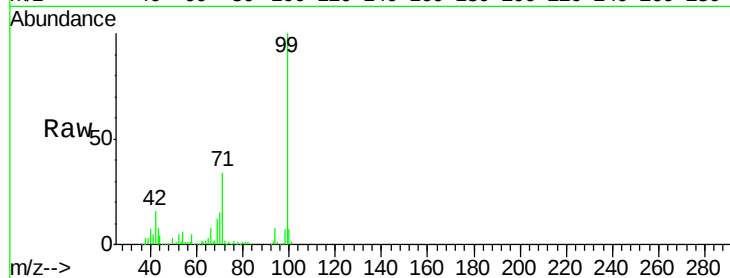
Tot Ion: 99 Resp: 884775

Ion Ratio Lower Upper

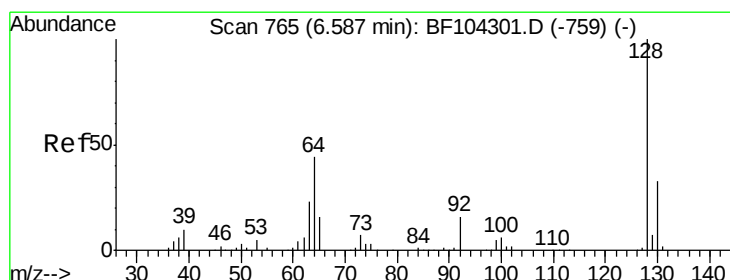
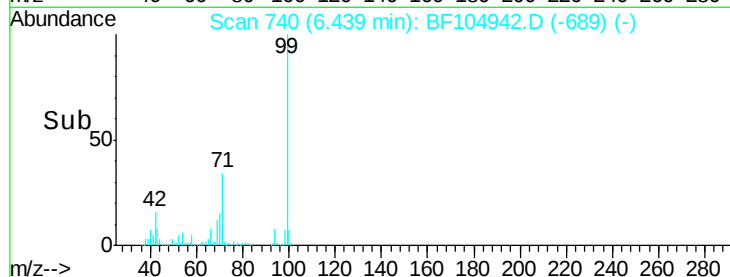
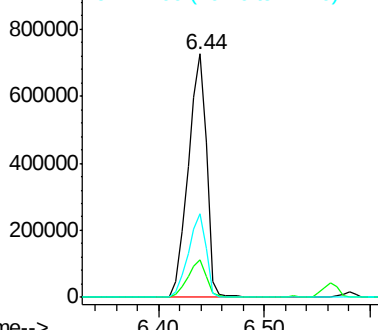
99 100

42 15.5 14.5 21.7

71 34.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 33.69 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

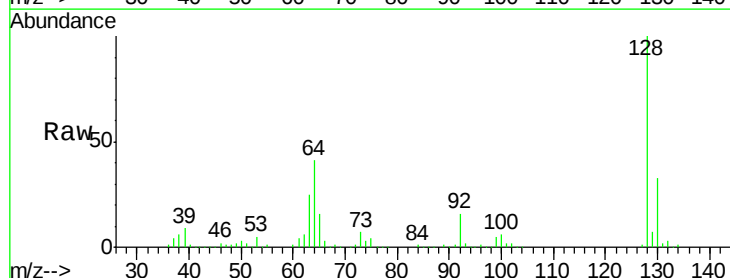
Tgt Ion: 128 Resp: 270913

Ion Ratio Lower Upper

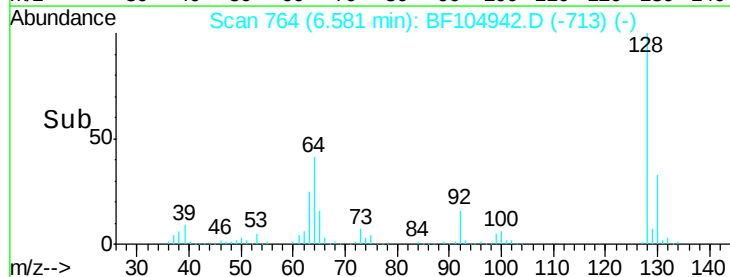
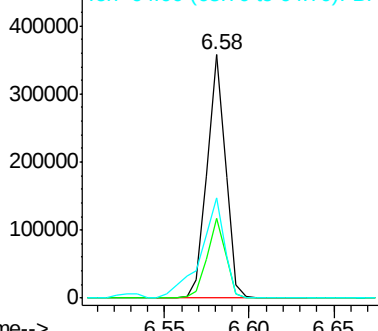
128 100

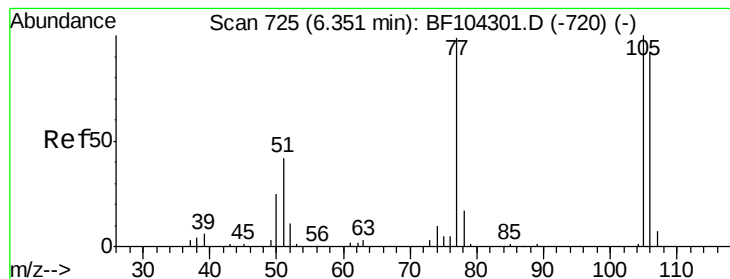
130 32.9 13.0 53.0

64 41.3 29.4 69.4



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





#9

Benzaldehyde

Concen: 17.58 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

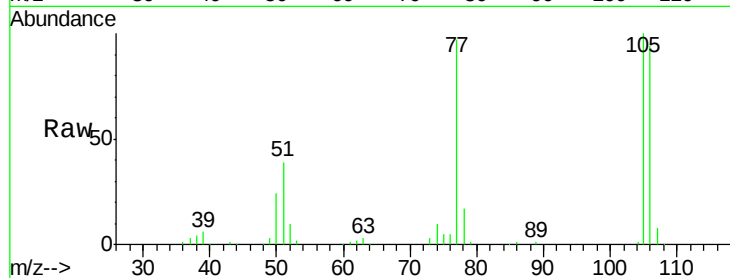
Tot Ion: 77 Resp: 101371

Ion Ratio Lower Upper

77 100

105 102.7 81.1 121.1

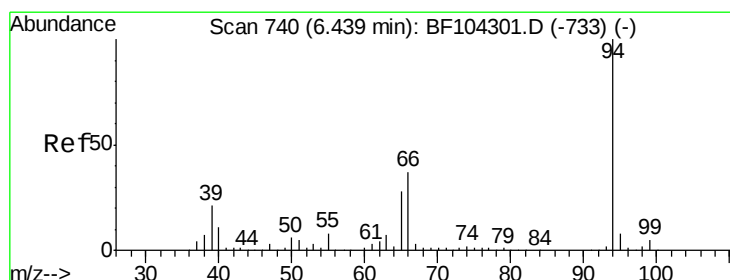
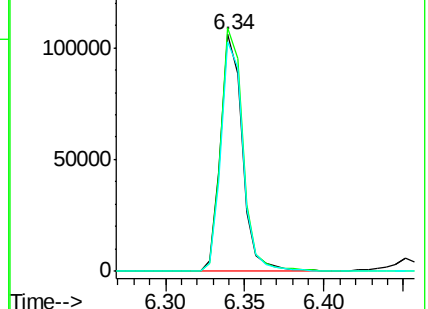
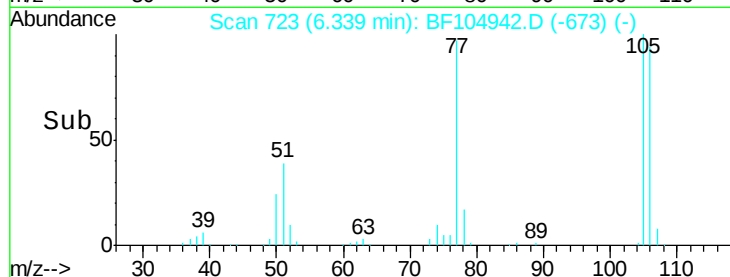
106 96.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 33.26 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

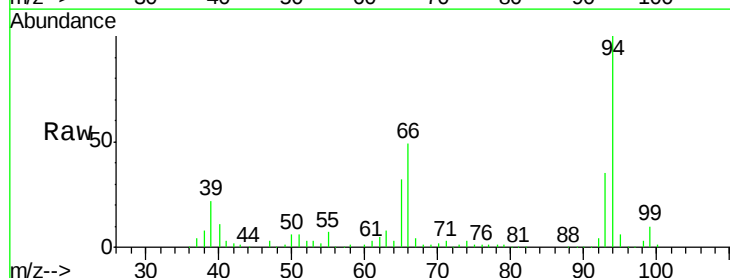
Tgt Ion: 94 Resp: 330273

Ion Ratio Lower Upper

94 100

65 32.3 7.9 47.9

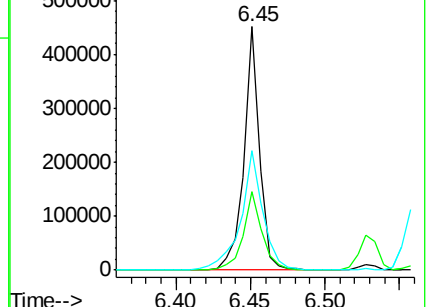
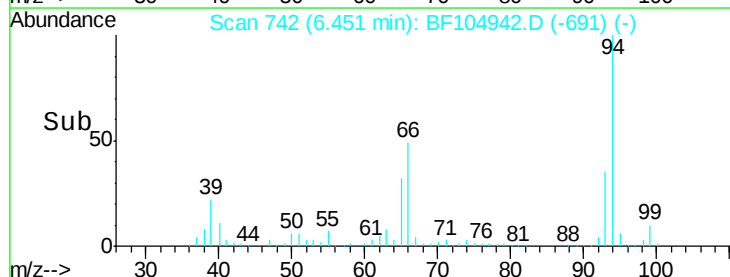
66 49.2 16.2 56.2



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

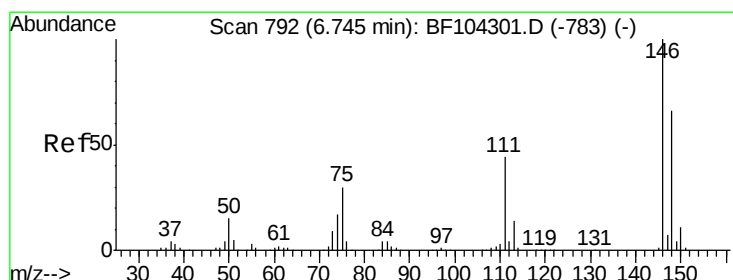
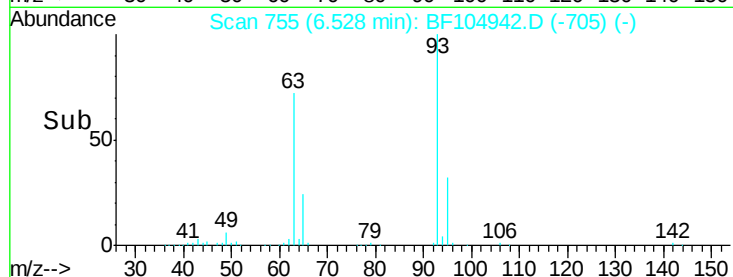
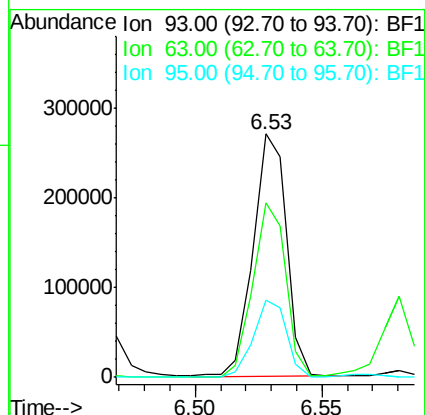
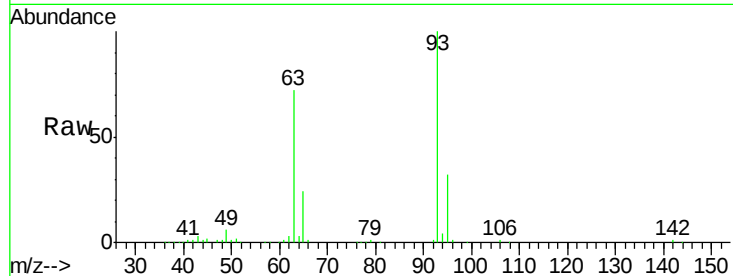




#11
bis(2-Chloroethyl)ether
Concen: 31.39 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

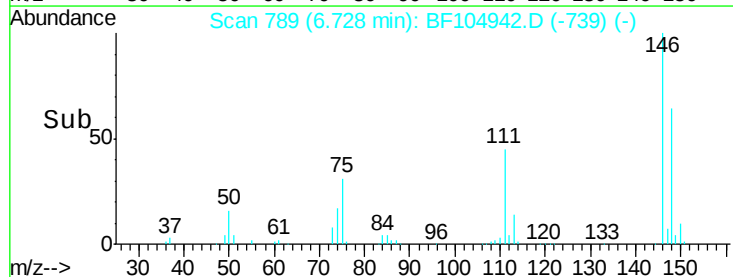
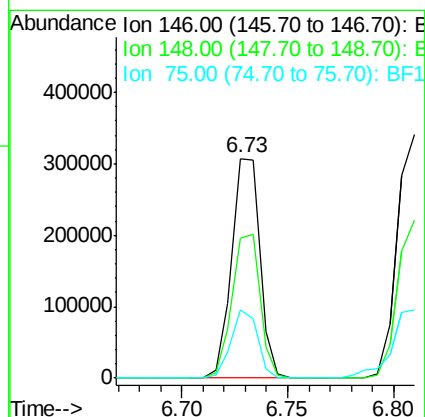
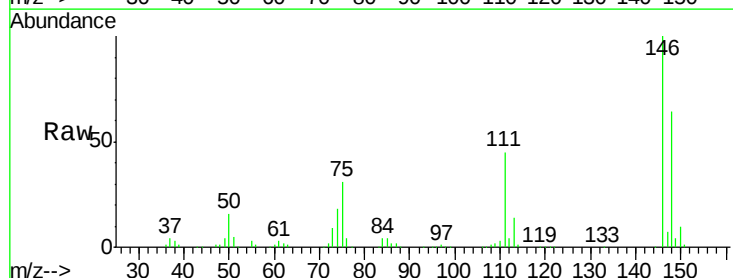
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 248787
Ion Ratio Lower Upper
93 100
63 71.7 58.6 98.6
95 32.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 31.10 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Tgt Ion: 146 Resp: 283258
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
75 31.2 24.2 36.4

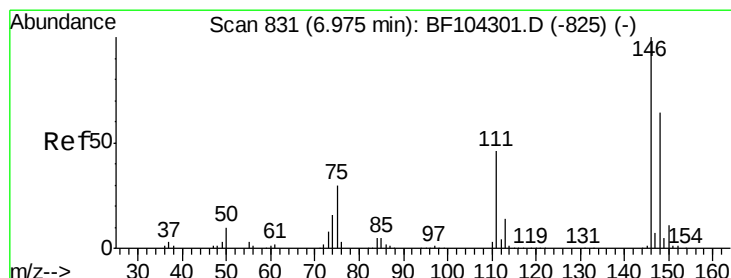
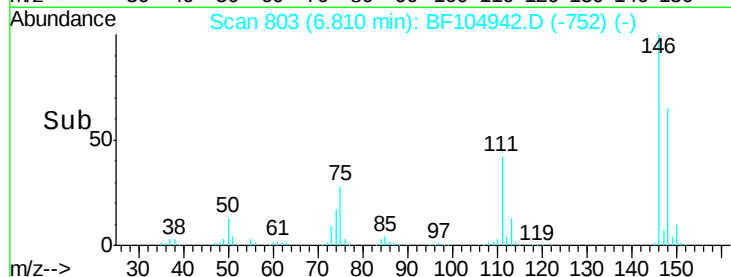
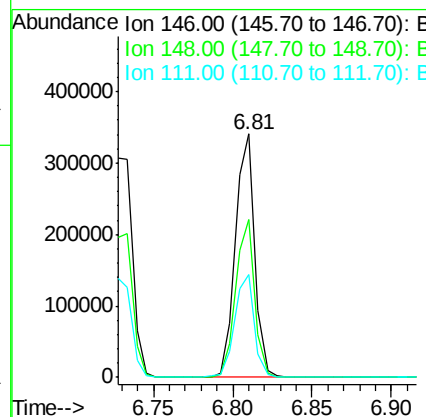
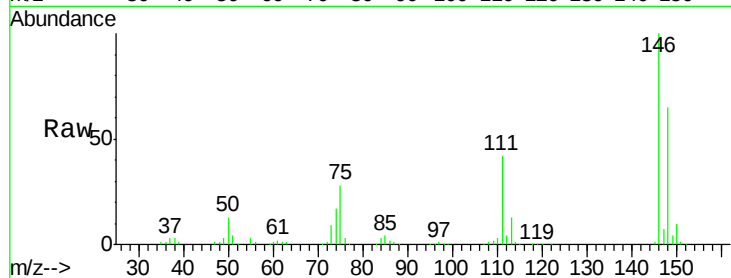




#13
 1,4-Dichlorobenzene
 Concen: 31.74 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

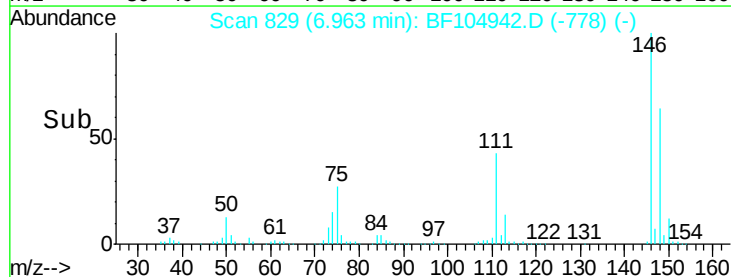
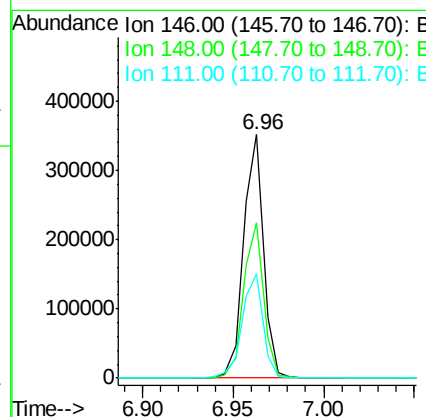
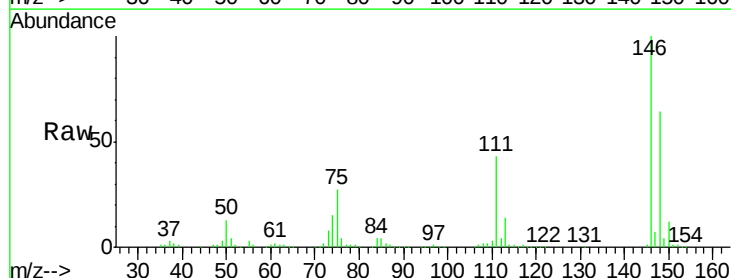
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 288171
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.8 76.2
 111 42.1 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 31.96 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion:146 Resp: 268934
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 42.9 36.0 54.0

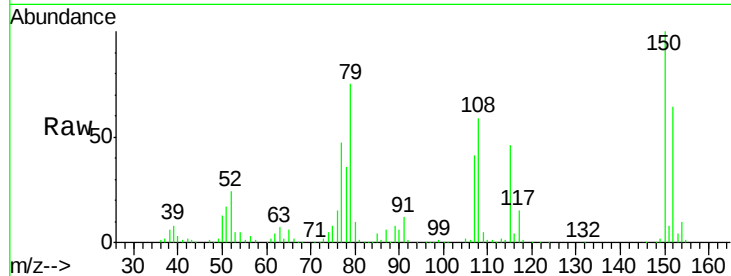




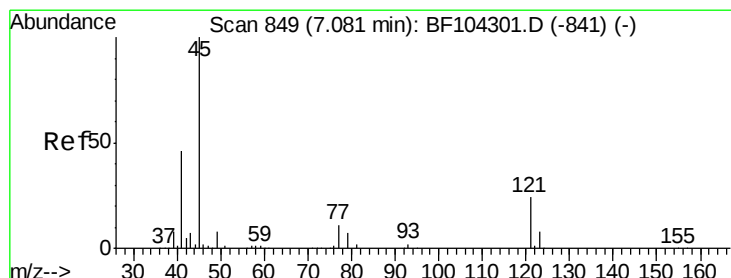
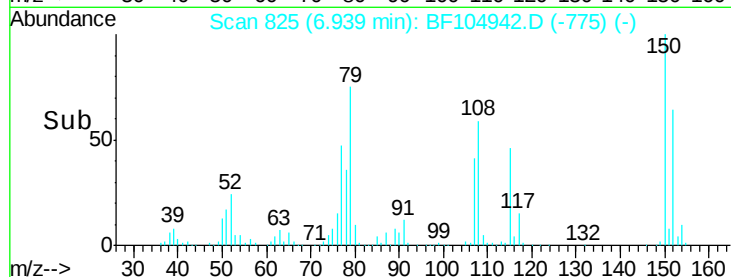
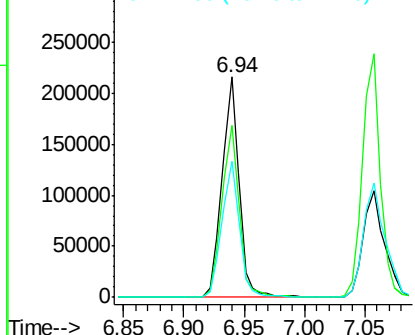
#15
Benzvl Alcohol
Concen: 29.86 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 212240
Ion Ratio Lower Upper
79 100
108 77.9 65.1 97.7
77 61.9 50.6 75.8

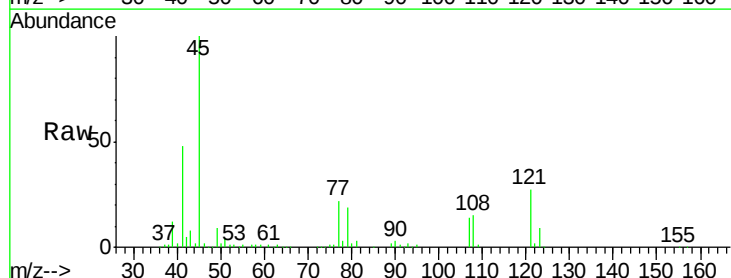


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

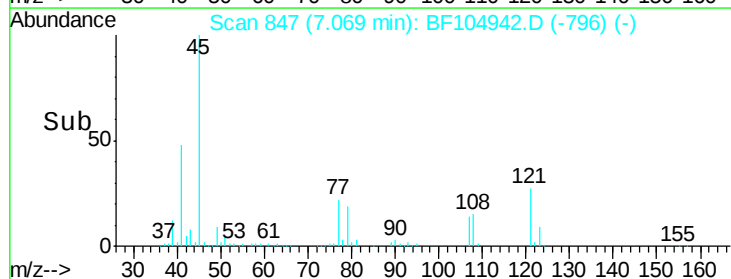
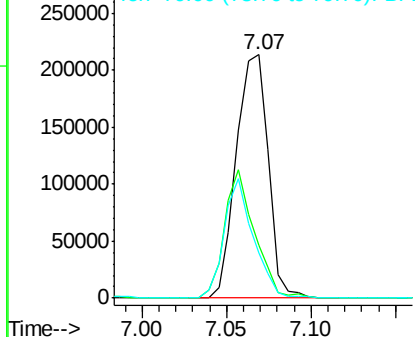


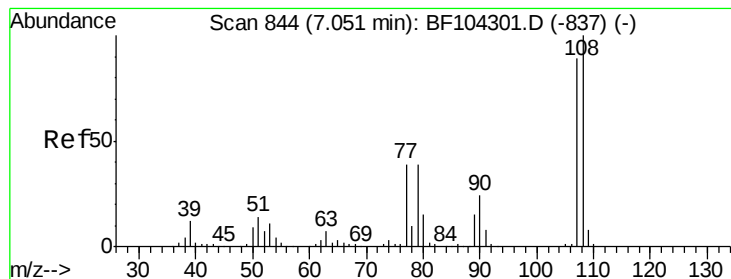
#16
2,2'-oxybis(1-Chloropropane)
Concen: 26.55 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Tgt Ion: 45 Resp: 282543
Ion Ratio Lower Upper
45 100
77 22.0 0.0 32.9
79 18.7 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

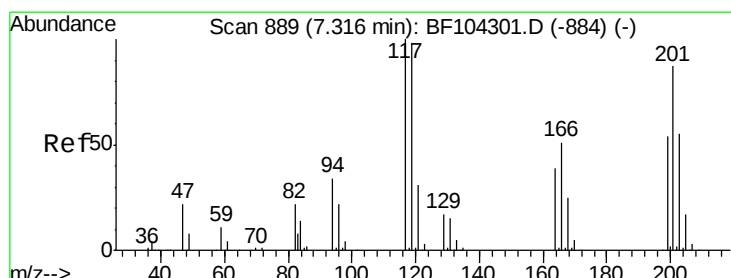
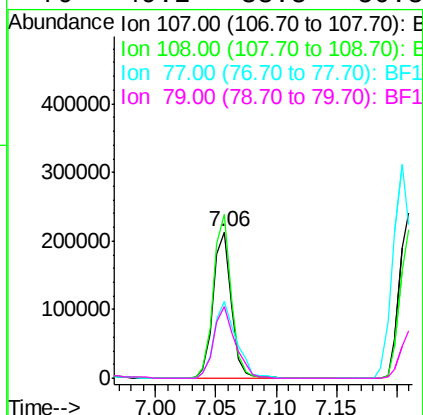
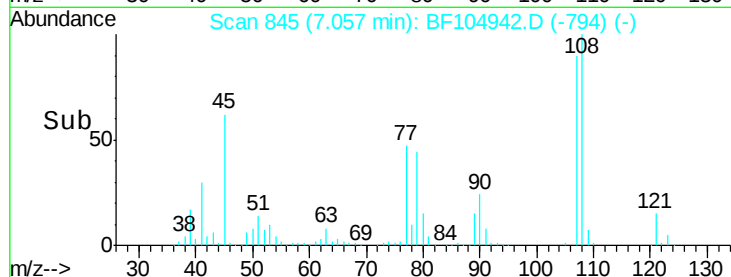
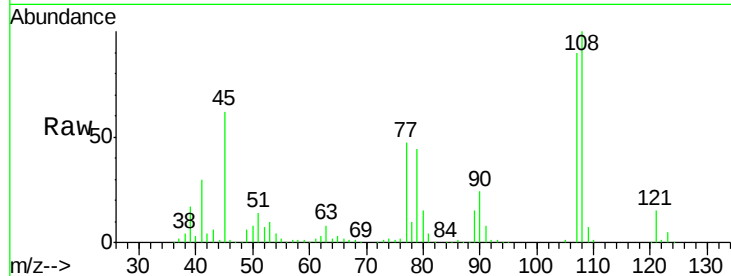




#17
2-Methylphenol
Concen: 31.53 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

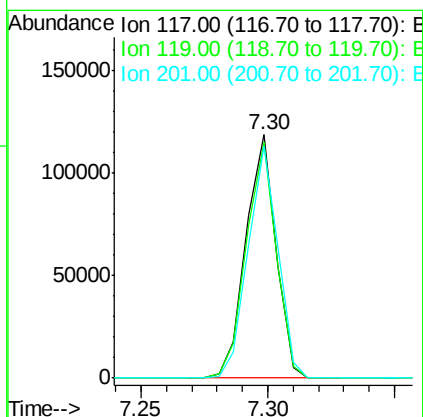
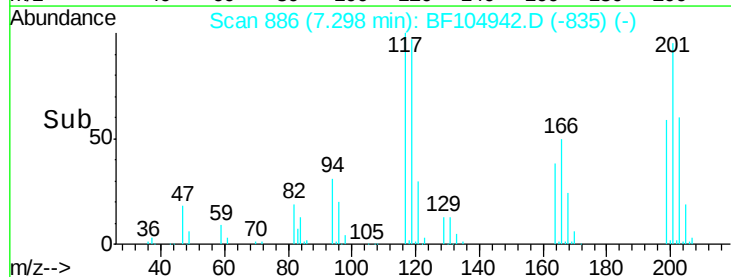
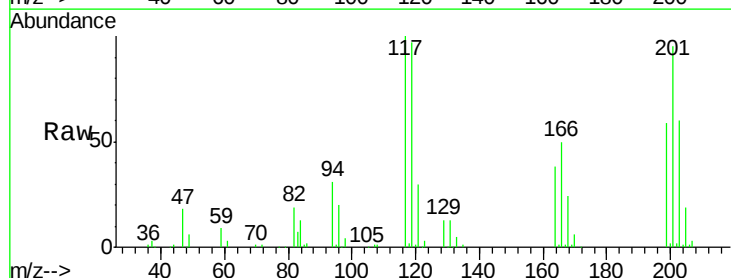
Instrument :
BNA_F
ClientSampled :

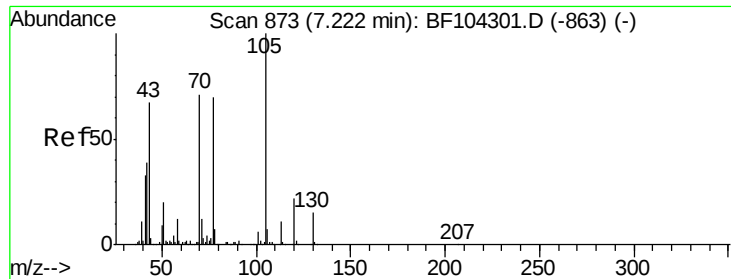
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.7	91.7	137.5
77	52.7	33.8	50.8
79	49.2	33.8	50.8



#18
Hexachloroethane
Concen: 30.18 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.8	113.8
201	95.1	75.7	113.5

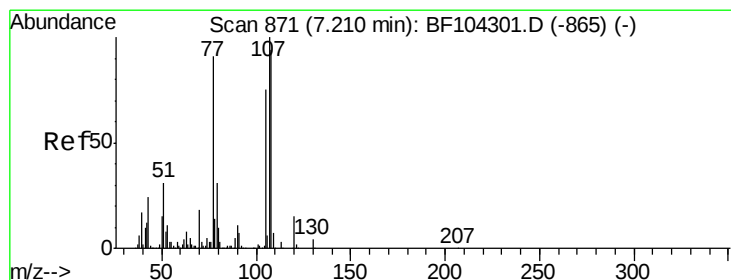
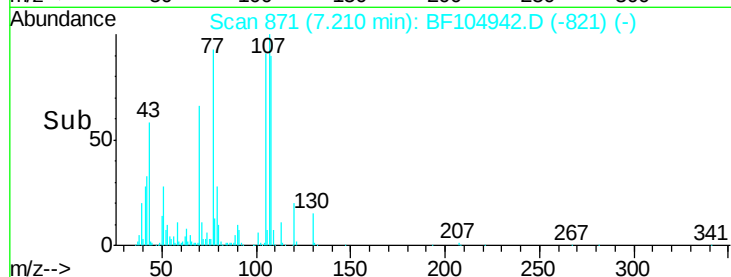
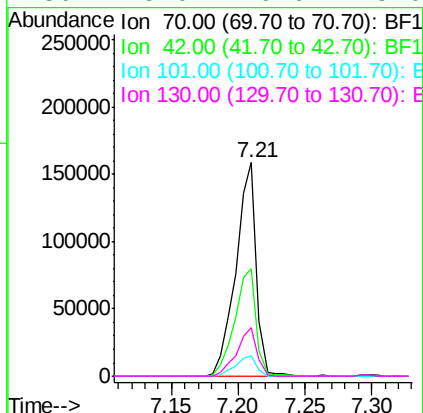
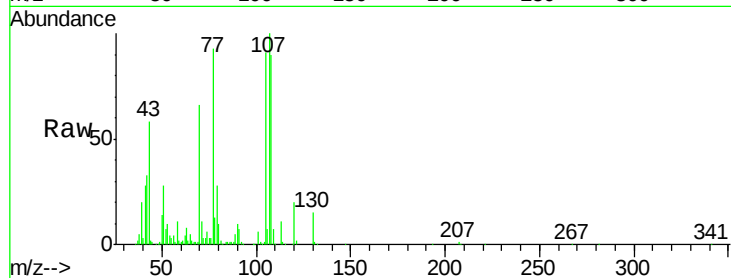




#19
n-Nitroso-di-n-propylamine
Concen: 27.89 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

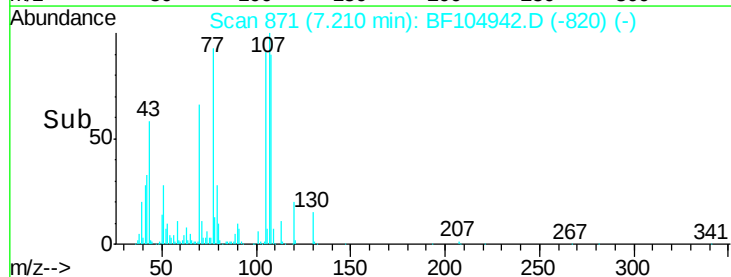
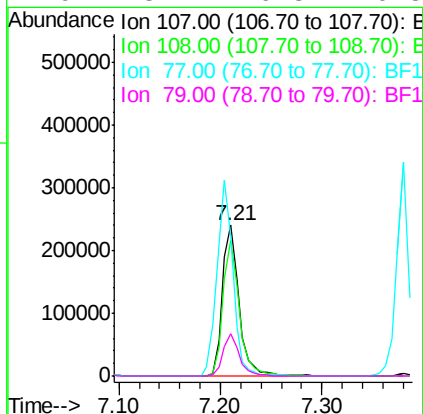
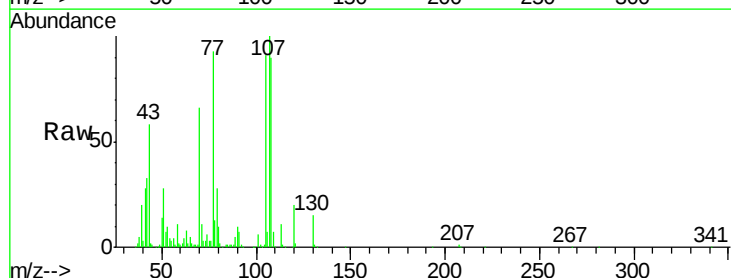
Instrument :
BNA_F
ClientSampled :

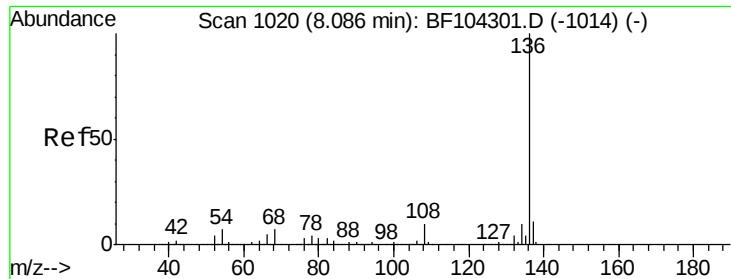
Tot Ion	70	Resp	170609
Ion Ratio	Lower	Upper	
70	100		
42	50.2	47.5	71.3
101	9.6	7.4	11.2
130	23.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 31.73 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Tgt Ion	107	Resp	275035
Ion Ratio	Lower	Upper	
107	100		
108	89.7	68.2	108.2
77	92.9	26.7	66.7#
79	28.4	6.3	46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 474456

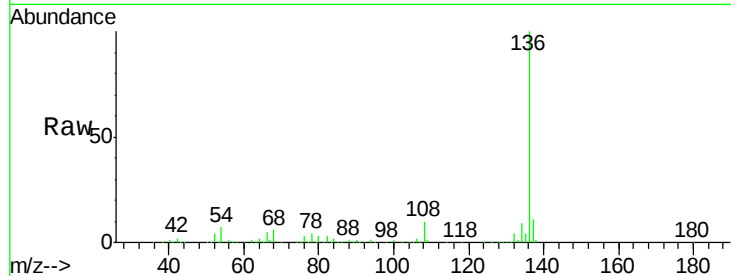
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.6 6.6 9.8

68 5.6 5.0 7.4

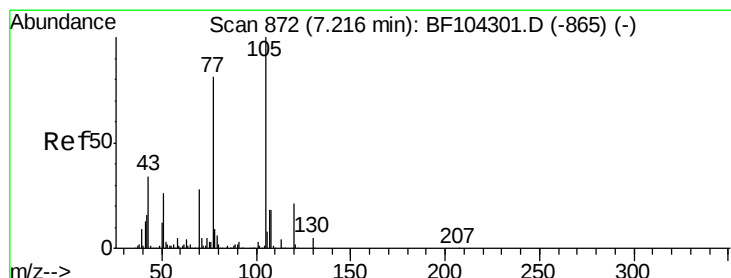
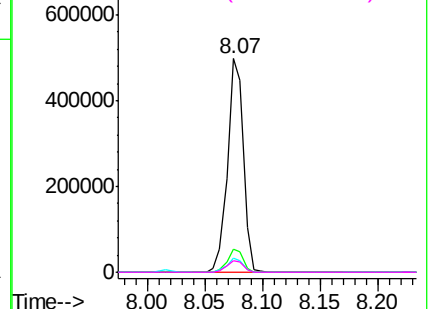
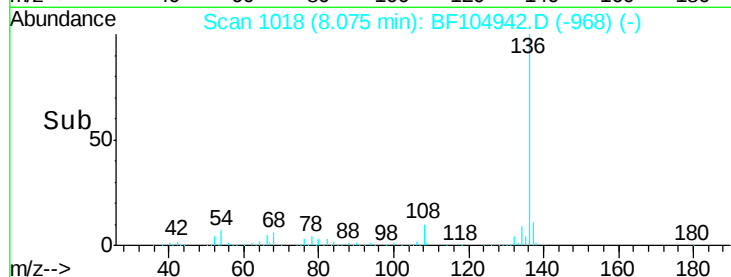


Abundance Ion 136.00 (135.70 to 136.70): E

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: 30.76 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Tgt Ion:105 Resp: 359355

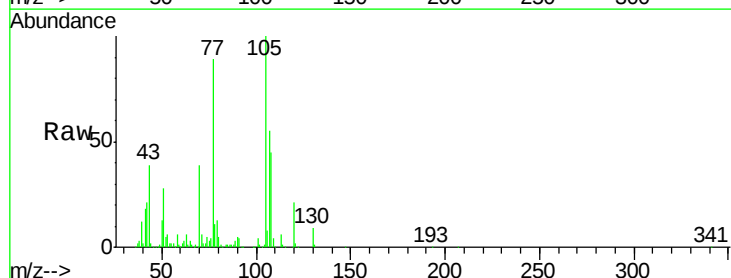
Ion Ratio Lower Upper

105 100

71 6.5 4.4 6.6

51 28.0 22.3 33.5

120 21.3 16.9 25.3

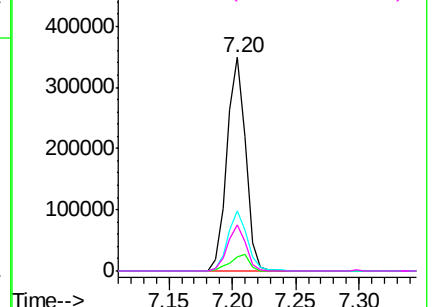
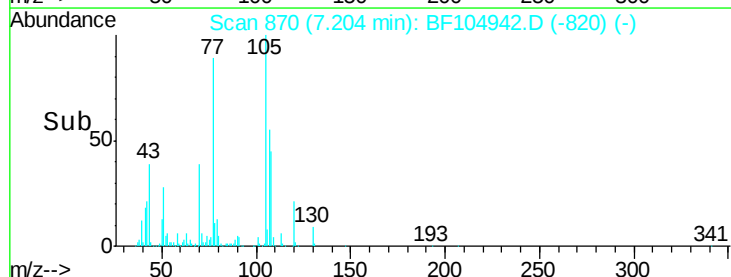


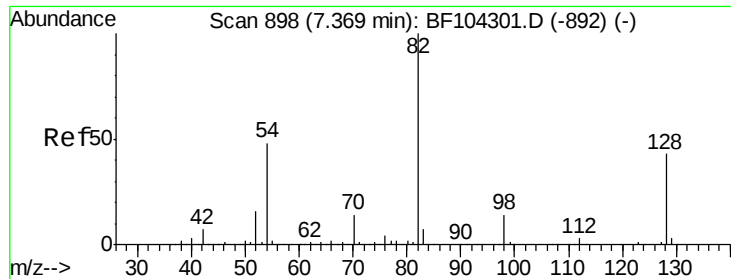
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

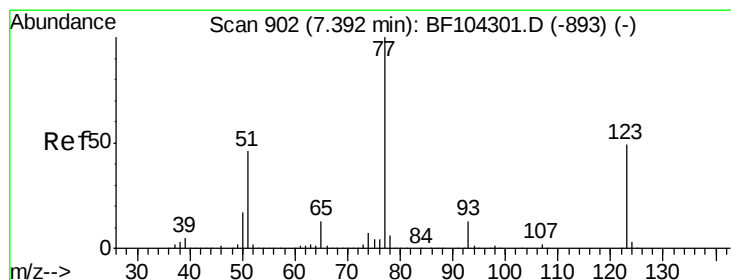
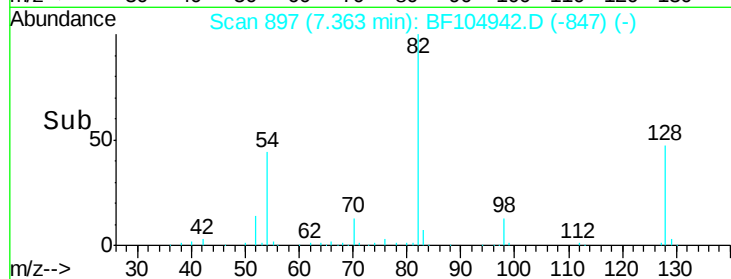
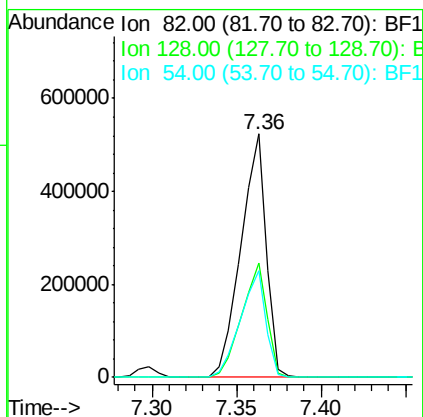
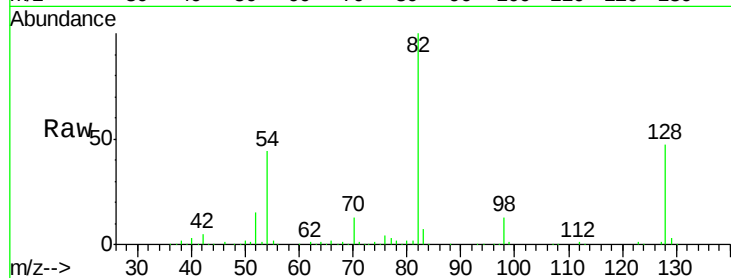




#23
Nitrobenzene-d5
Concen: 75.47 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

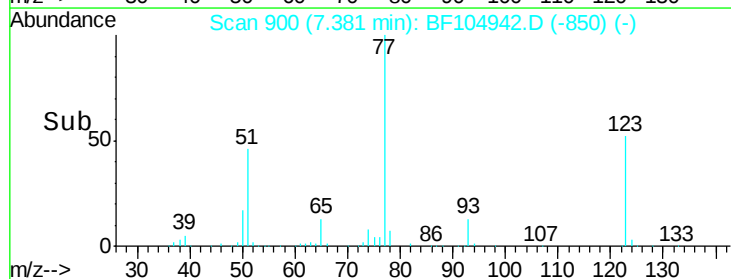
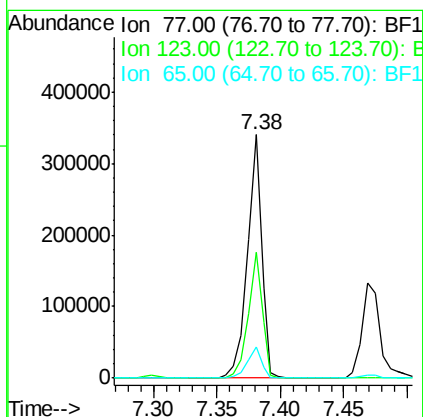
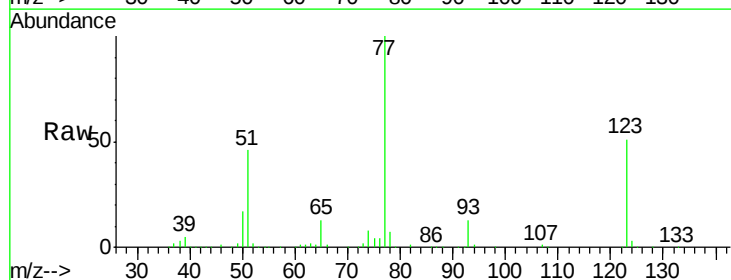
Instrument :
BNA_F
ClientSampleId :

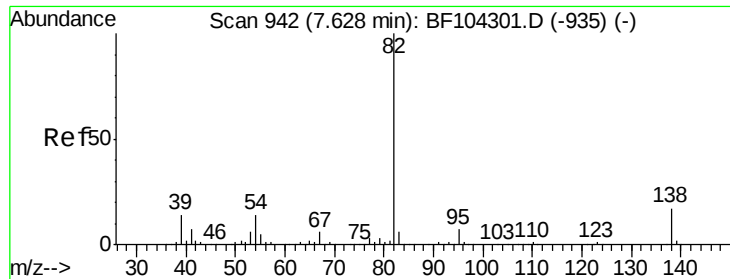
Tot Ion	82	Resp	548339
Ion Ratio	100	Lower	Upper
128	46.8	36.1	54.1
54	44.1	41.4	62.2



#24
Nitrobenzene
Concen: 33.31 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Tgt Ion	77	Resp	267242
Ion Ratio	100	Lower	Upper
123	51.5	37.9	56.9
65	13.0	11.0	16.4





#25

Isophorone

Concen: 31.42 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

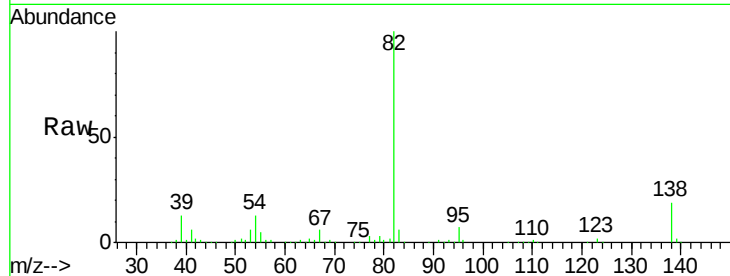
Tot Ion: 82 Resp: 482764

Ion Ratio Lower Upper

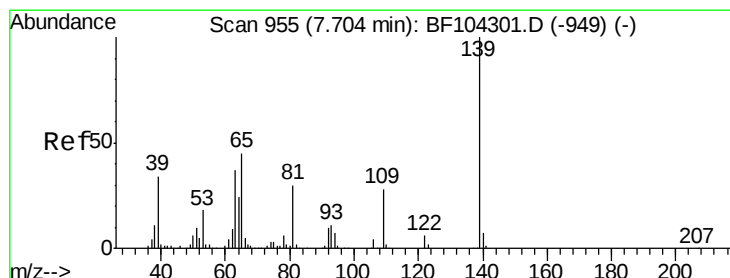
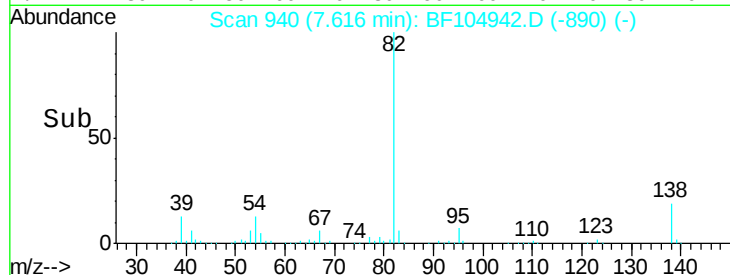
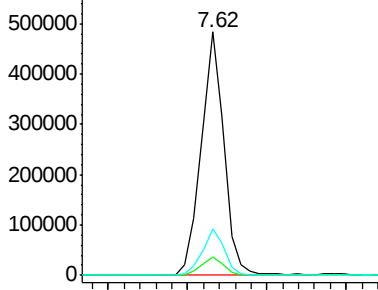
82 100

95 7.5 5.2 7.8

138 18.9 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.64 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

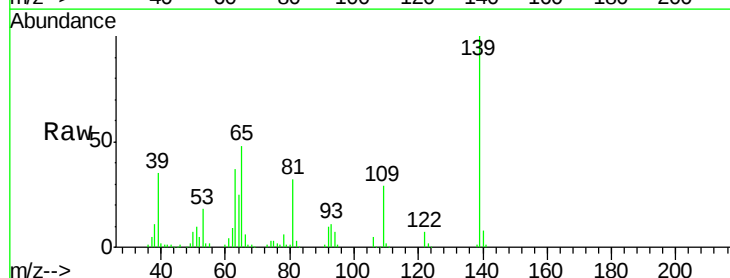
Tgt Ion: 139 Resp: 139266

Ion Ratio Lower Upper

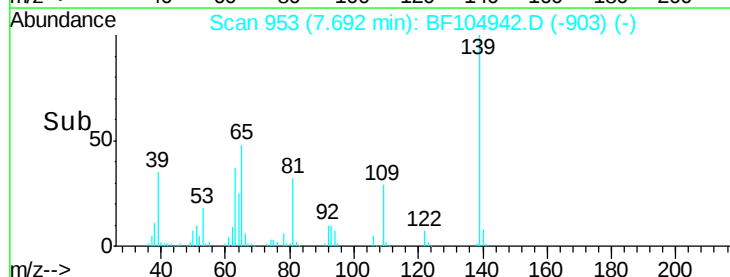
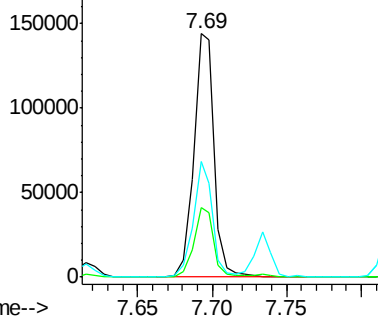
139 100

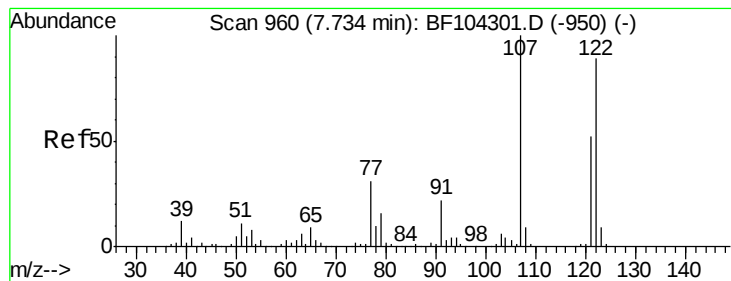
109 28.5 22.7 34.1

65 47.6 40.5 60.7



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

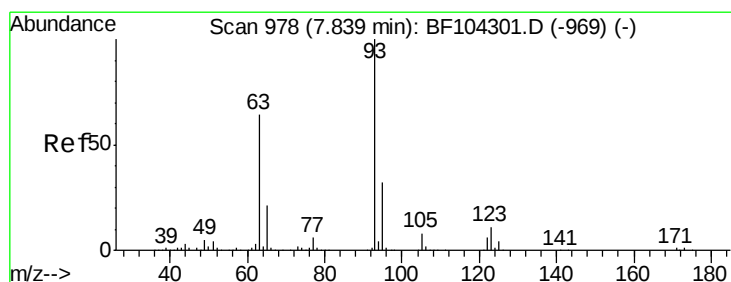
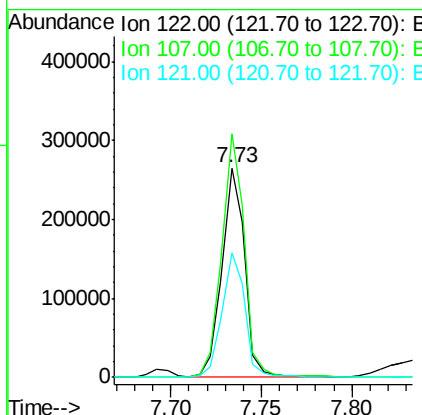
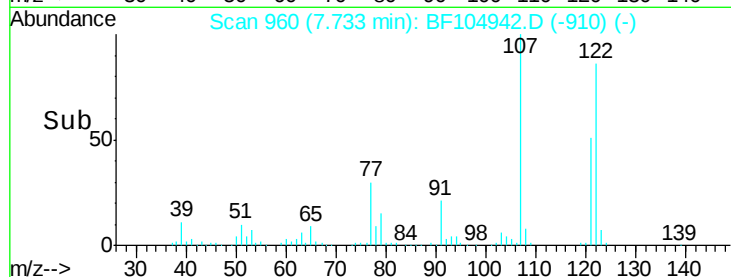
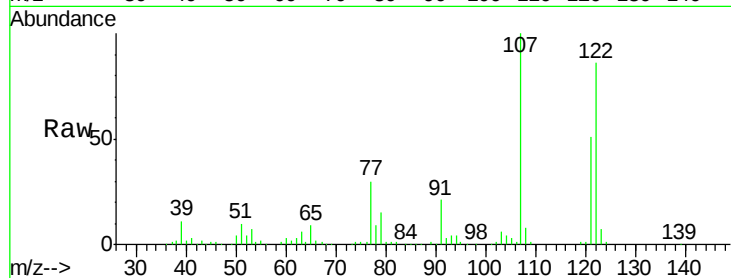




#27
 2,4-Dimethylphenol
 Concen: 34.45 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

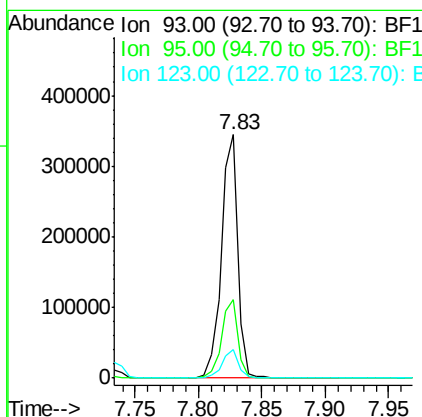
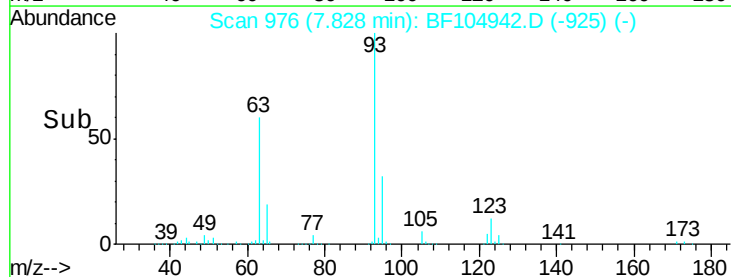
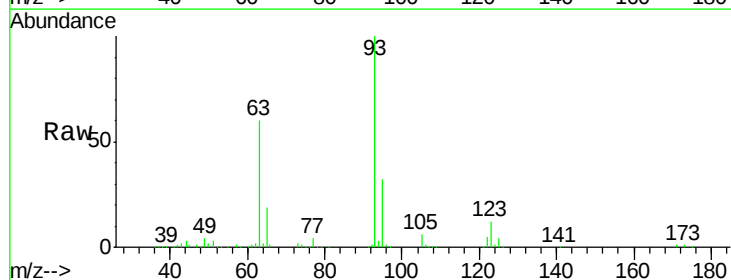
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 233610
 Ion Ratio Lower Upper
 122 100
 107 116.2 91.2 136.8
 121 59.4 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.19 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion: 93 Resp: 311787
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.3 39.5
 123 11.9 9.8 14.6

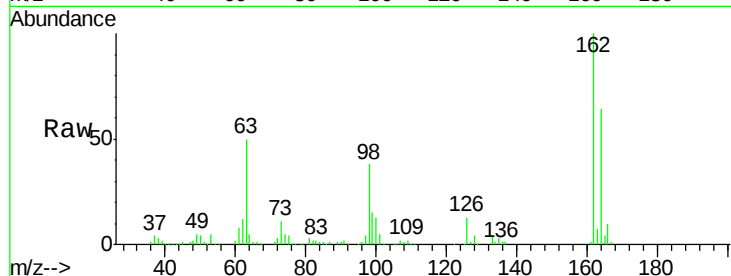




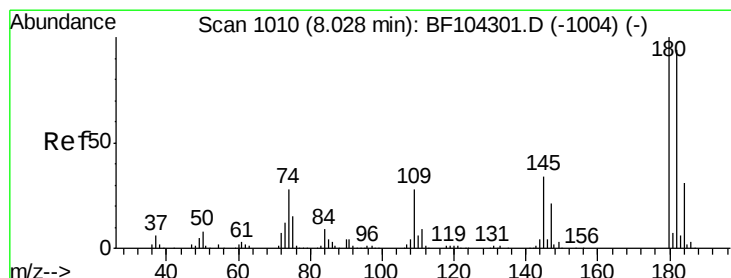
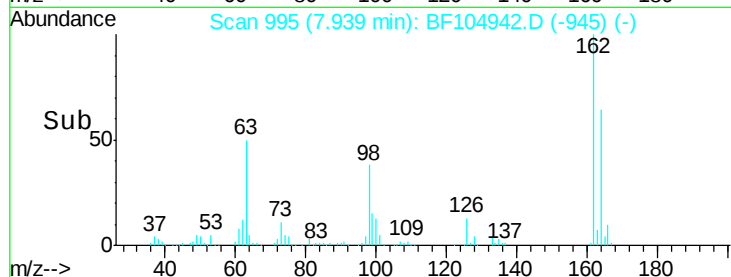
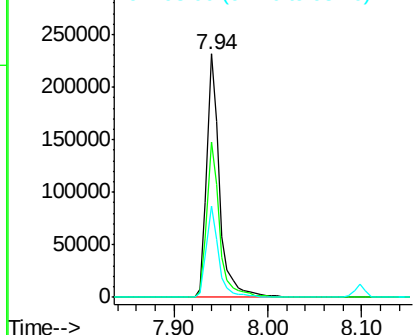
#29
 2,4-Dichlorophenol
 Concen: 34.48 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.7	82.7
98	37.5	18.1	58.1

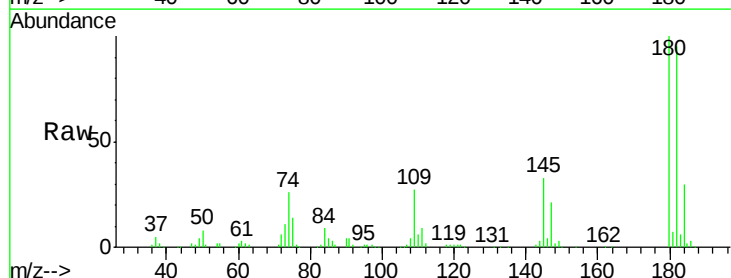


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

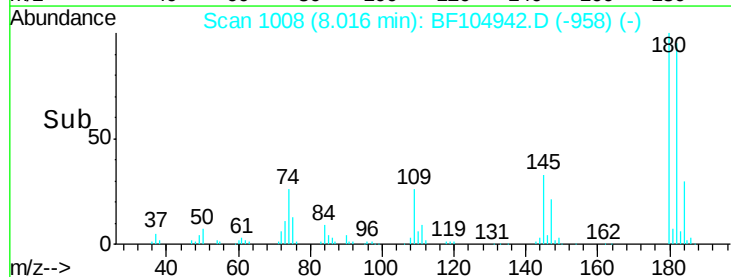
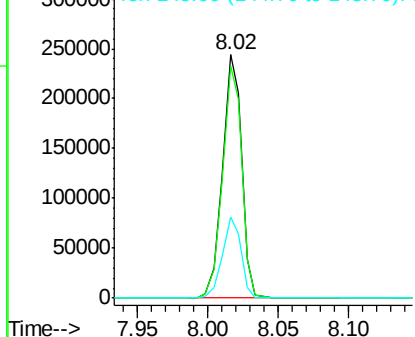


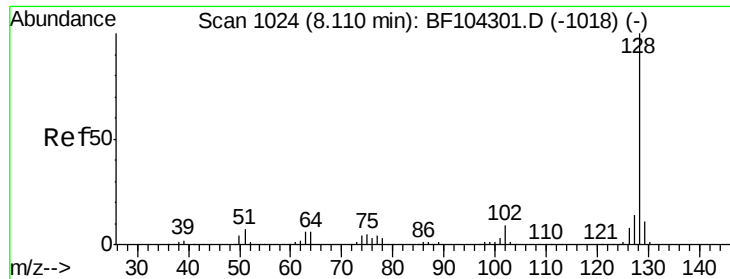
#30
 1,2,4-Trichlorobenzene
 Concen: 32.26 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.8	115.2
145	33.0	26.5	39.7



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

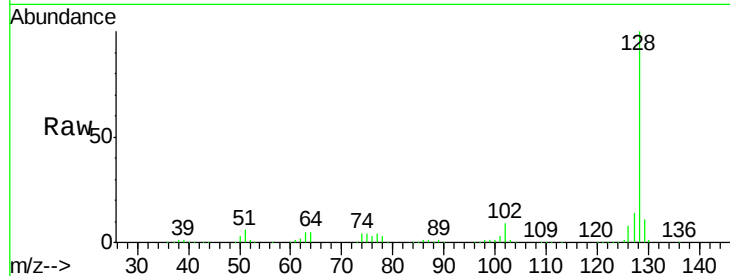




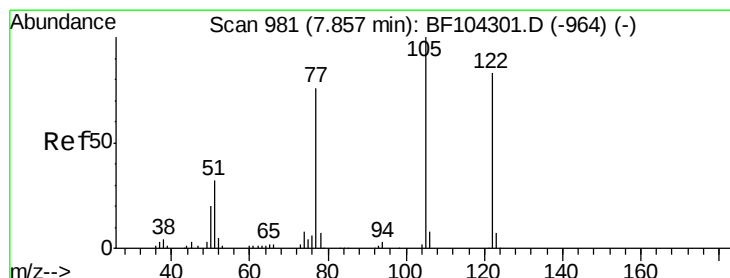
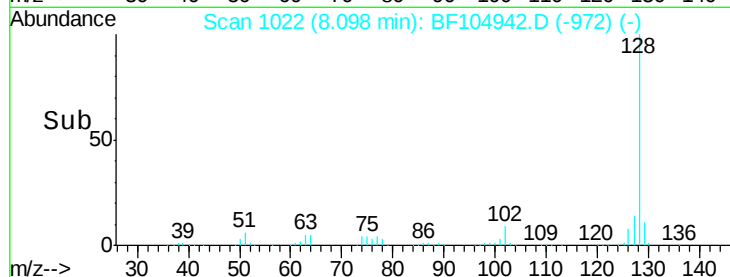
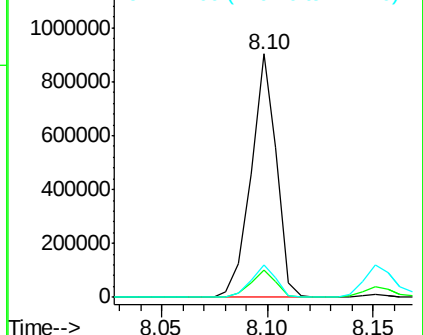
#31
Naphthalene
Concen: 31.77 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 750606
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.6 10.9 16.3

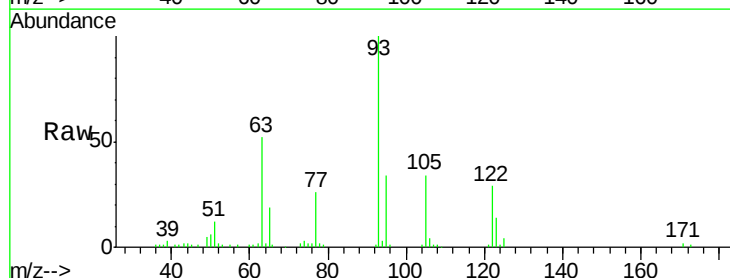


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

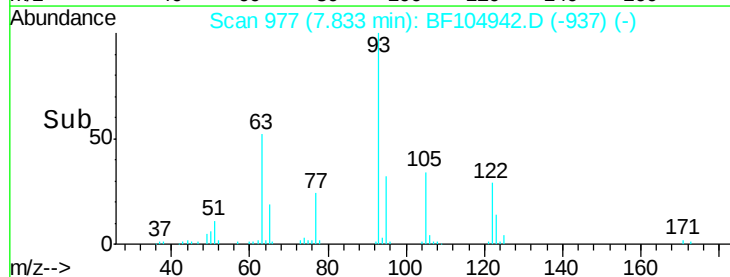
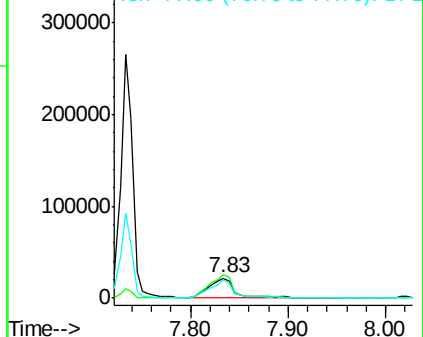


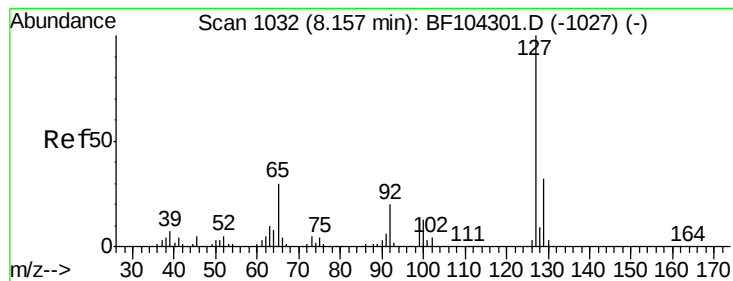
#32
Benzoic acid
Concen: 7.63 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.06 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Tgt Ion:122 Resp: 41309
Ion Ratio Lower Upper
122 100
105 118.5 101.1 141.1
77 89.6 70.7 110.7



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





#33

4-Chloroaniline

Concen: 13.40 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 135641

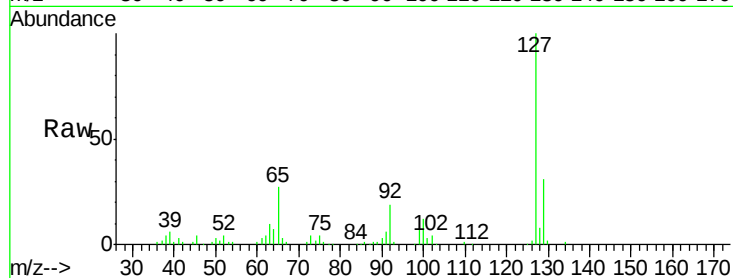
Ion Ratio Lower Upper

127 100

129 31.1 25.9 38.9

65 27.1 25.0 37.4

92 19.1 15.2 22.8

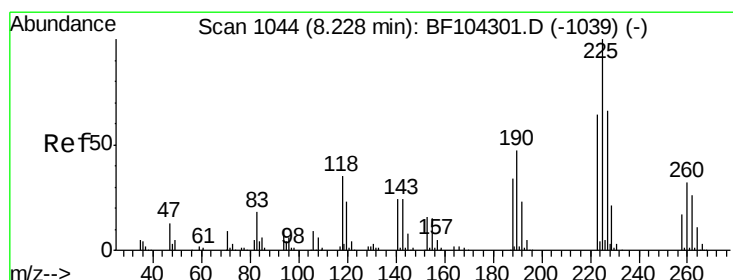
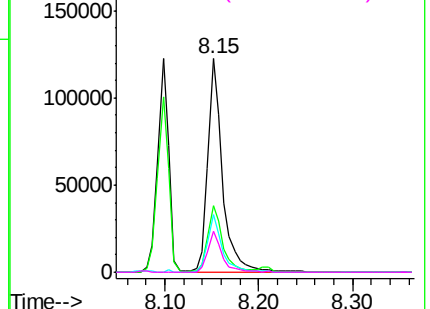
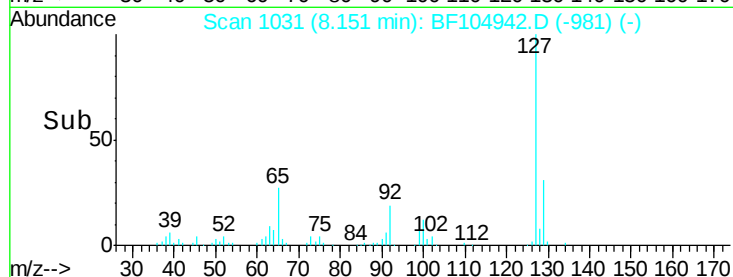


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 31.97 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

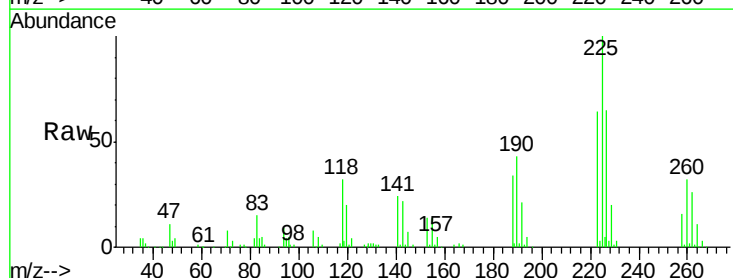
Tgt Ion:225 Resp: 124344

Ion Ratio Lower Upper

225 100

223 64.5 50.6 76.0

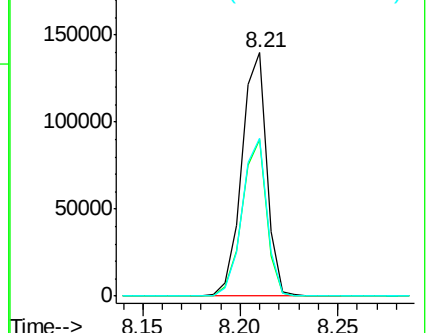
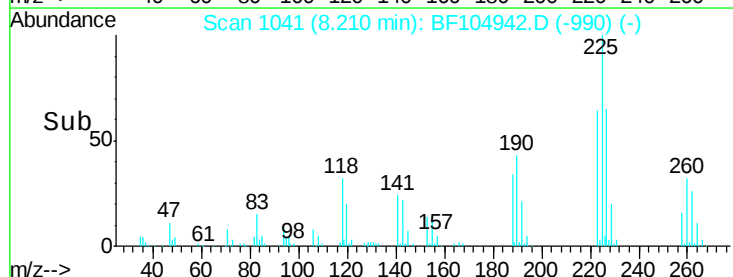
227 64.8 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

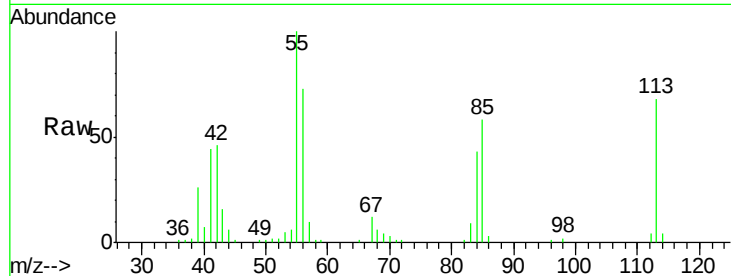




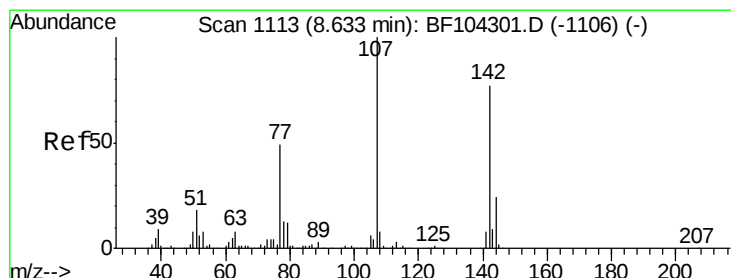
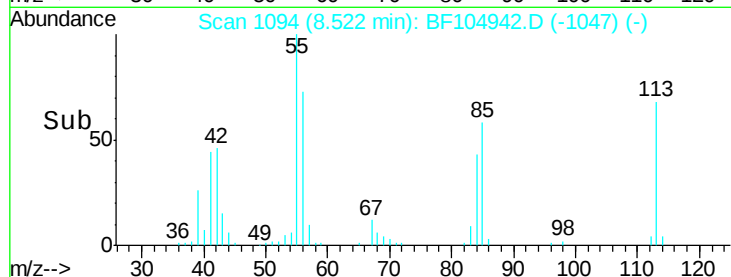
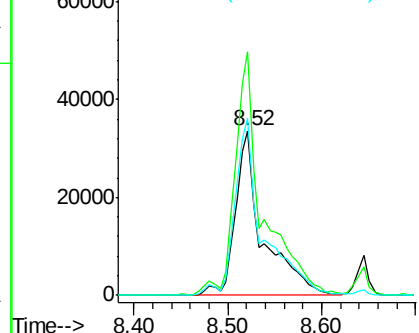
#35
Caprolactam
Concen: 30.26 ng
RT: 8.52 min Scan# 1094
Delta R.T. -0.02 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 68295
Ion Ratio Lower Upper
113 100
55 147.9 163.3 203.3#
56 107.3 115.7 155.7#

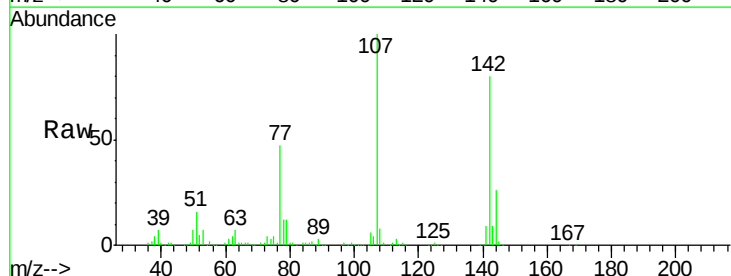


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

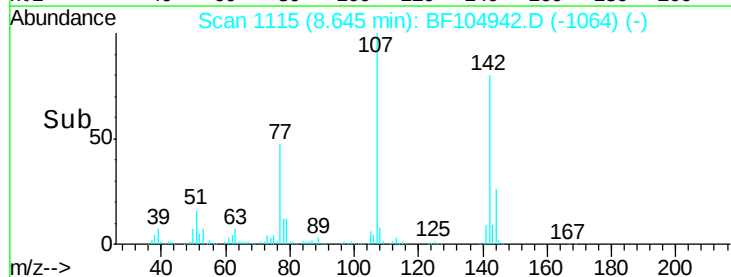
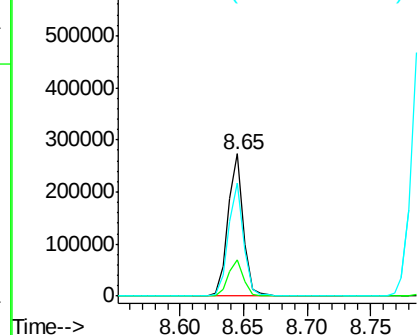


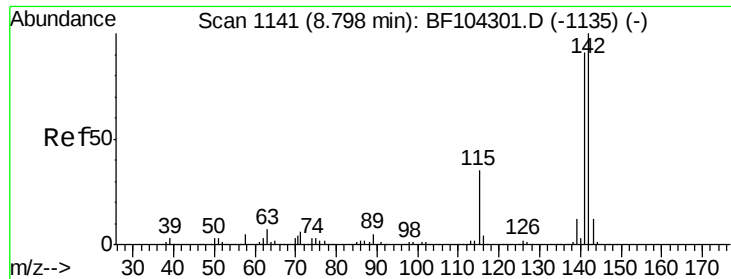
#36
4-Chloro-3-methylphenol
Concen: 33.18 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Tgt Ion:107 Resp: 230191
Ion Ratio Lower Upper
107 100
144 25.9 20.5 30.7
142 79.6 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

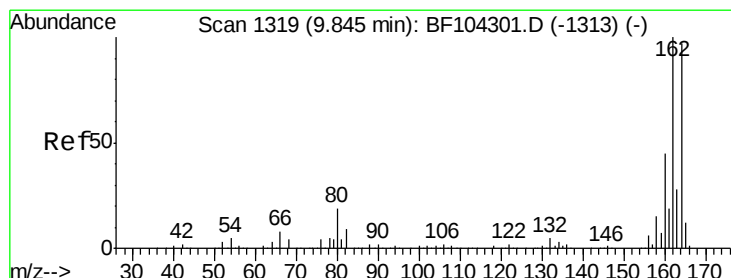
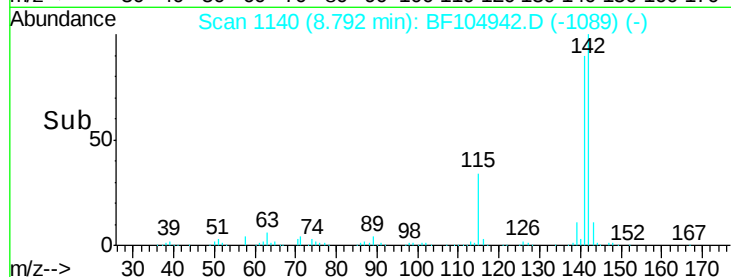
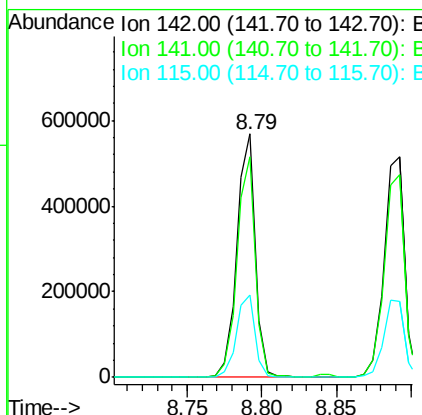
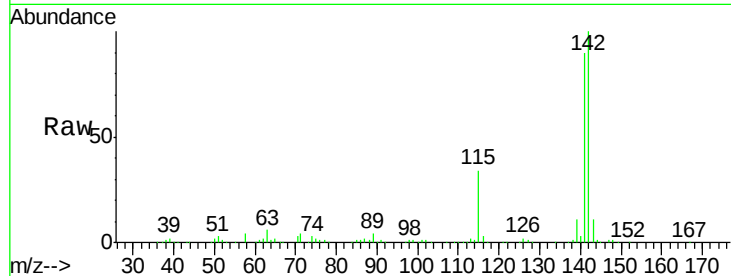




#37
 2-Methylnaphthalene
 Concen: 32.42 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.00 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

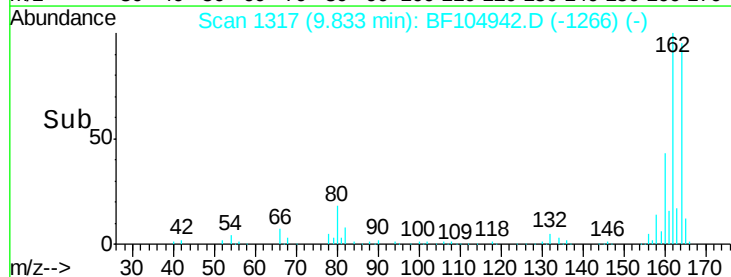
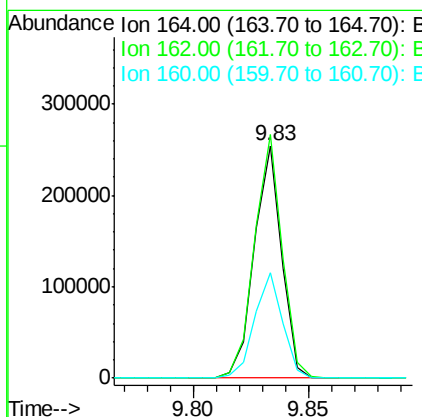
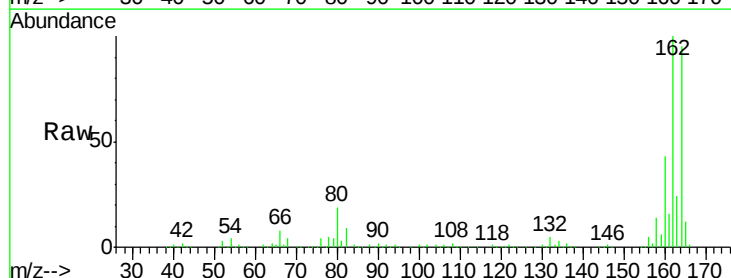
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 495481
 Ion Ratio Lower Upper
 142 100
 141 90.4 70.8 106.2
 115 33.7 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion:164 Resp: 210907
 Ion Ratio Lower Upper
 164 100
 162 104.8 86.1 129.1
 160 45.4 38.3 57.5

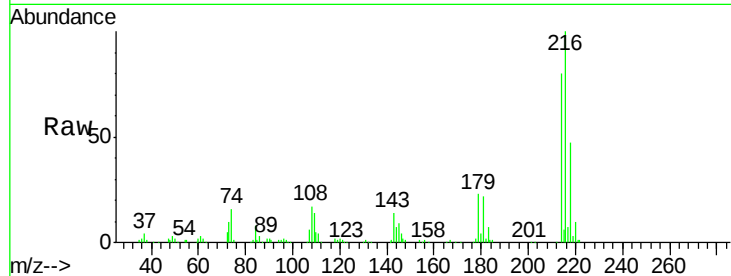




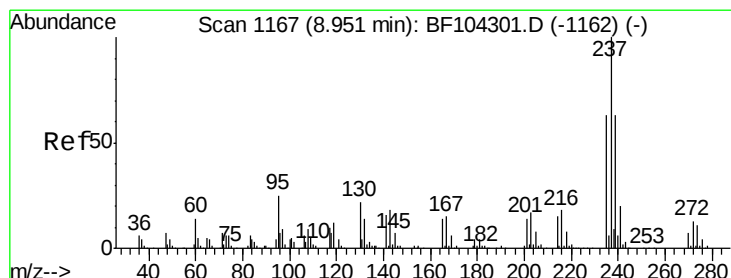
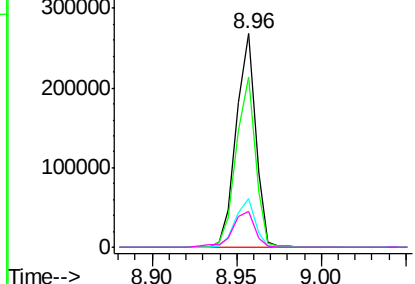
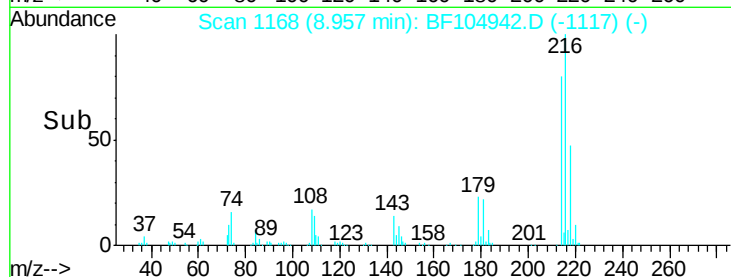
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.51 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	214381
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	22.6	18.1	27.1
108	19.2	17.2	25.8

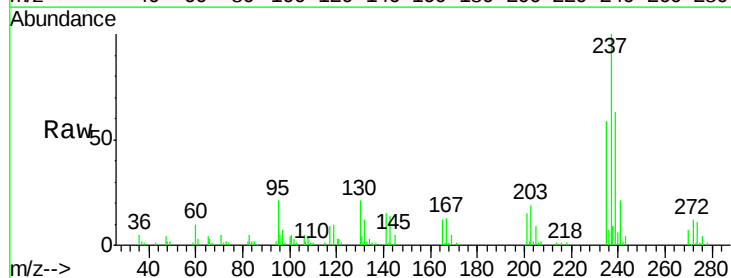


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

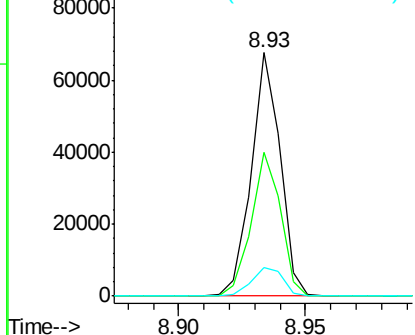
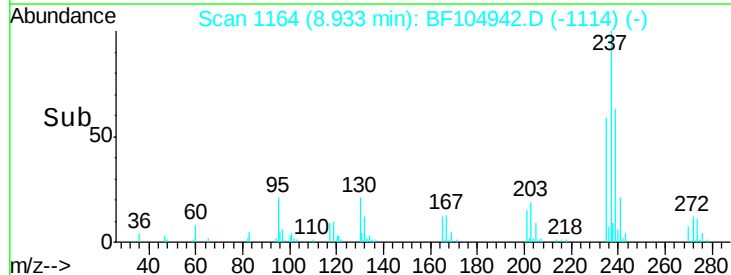


#40
 Hexachlorocyclopentadiene
 Concen: 15.89 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion:	237	Resp:	53692
Ion	Ratio	Lower	Upper
237	100		
235	58.8	44.8	84.8
272	12.0	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

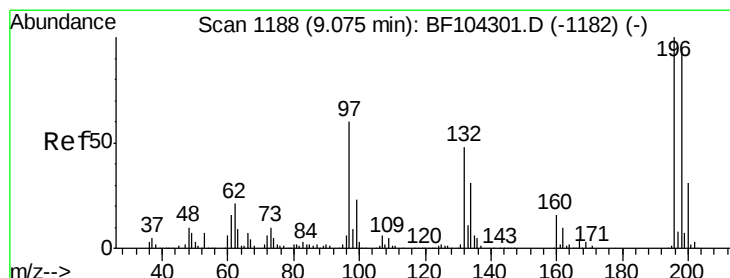
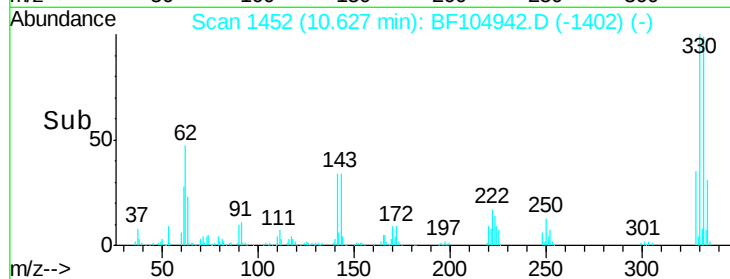
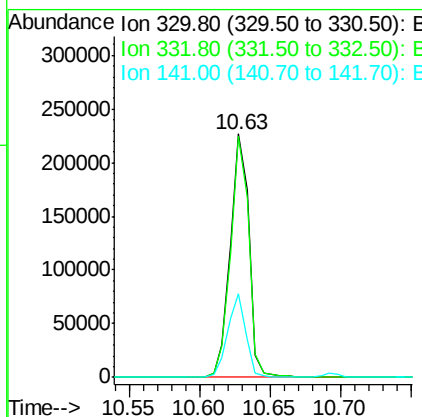
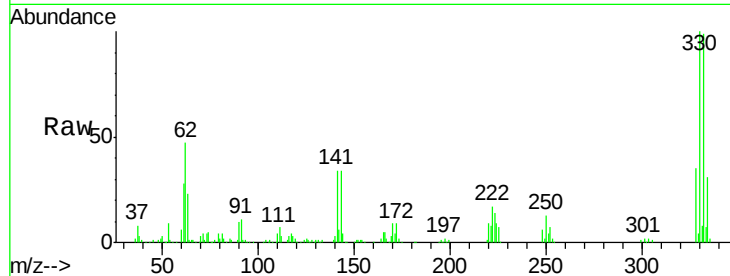




#41
 2,4,6-Tribromophenol
 Concen: 95.85 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

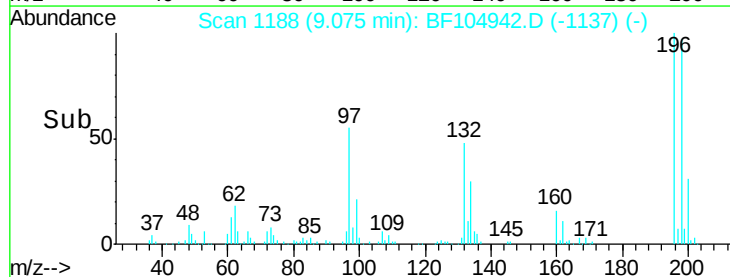
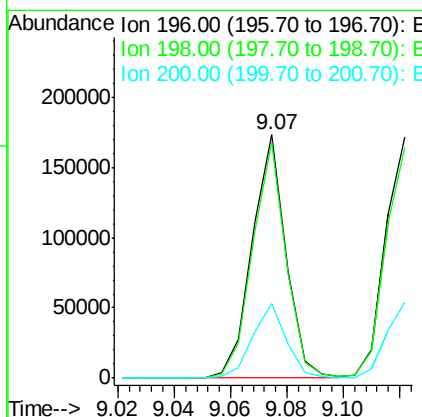
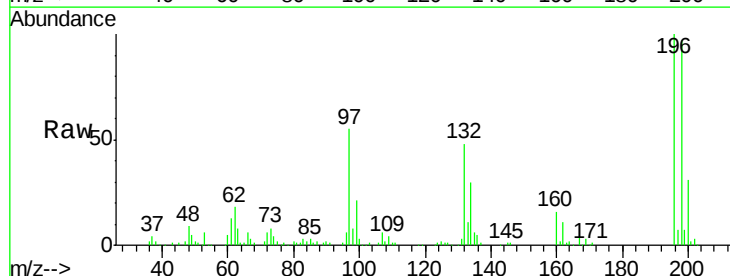
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	330	Resp	209699
Ion Ratio	100	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	33.1	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 34.40 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion	196	Resp	144158
Ion Ratio	100	Lower	Upper
196	100		
198	96.9	75.7	113.5
200	30.5	24.5	36.7

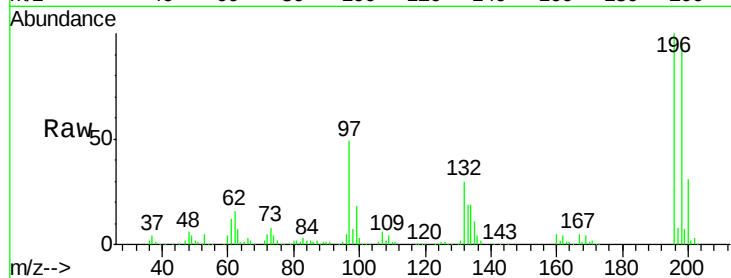




#43
 2,4,5-Trichlorophenol
 Concen: 32.61 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	74.6	112.0
97	48.7	42.9	64.3
132	29.6	26.3	39.5



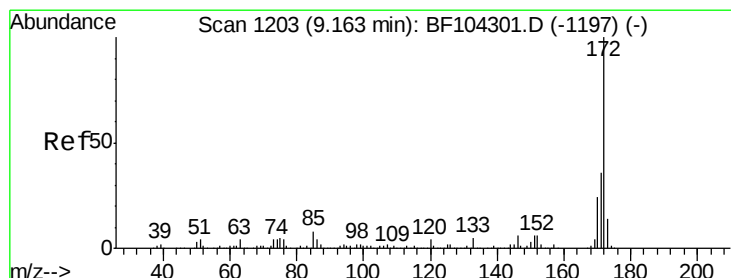
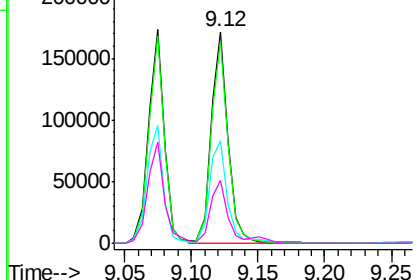
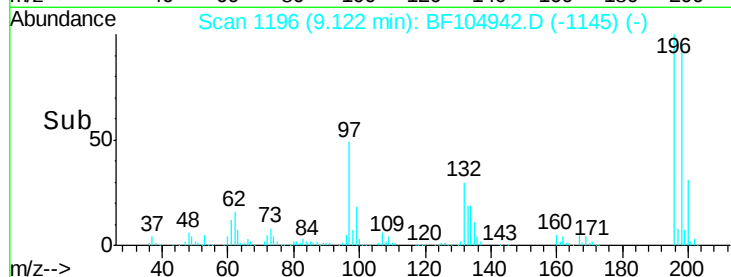
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

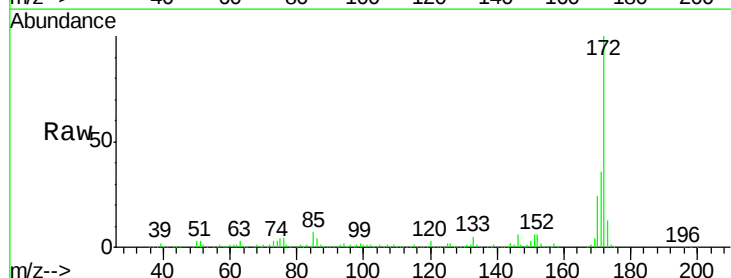
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.19 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.9	19.6	29.4

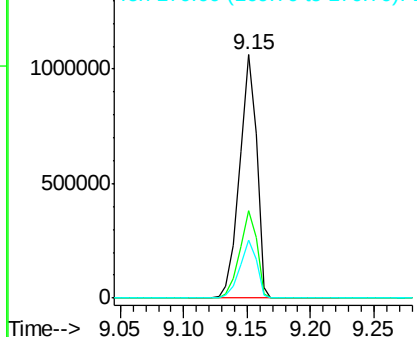
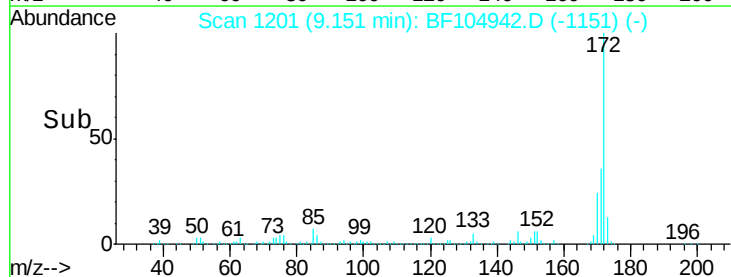


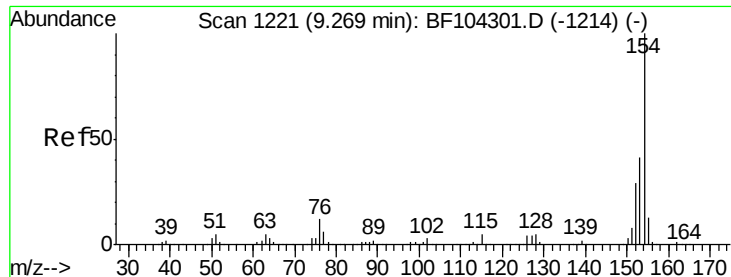
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

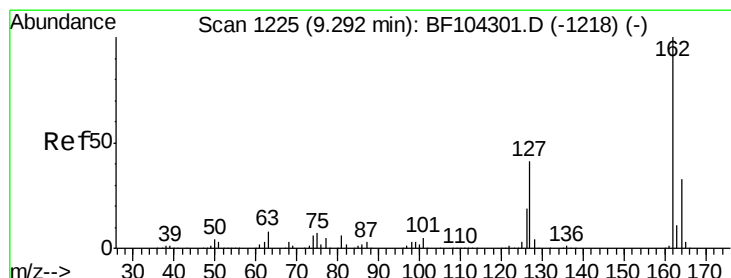
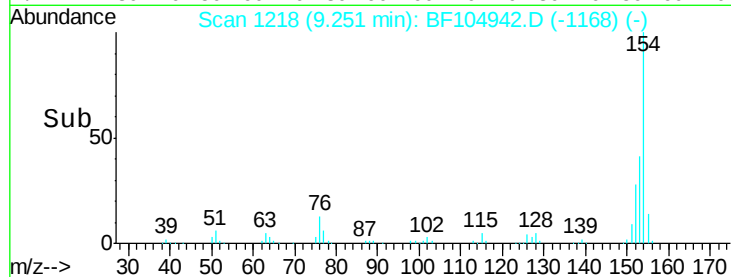
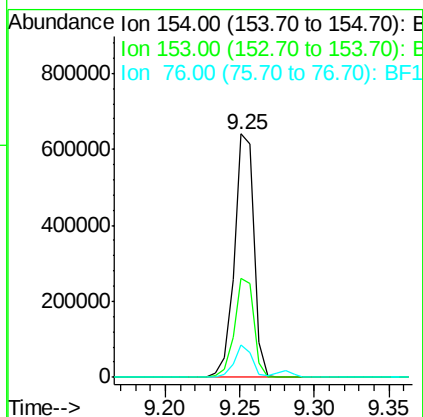
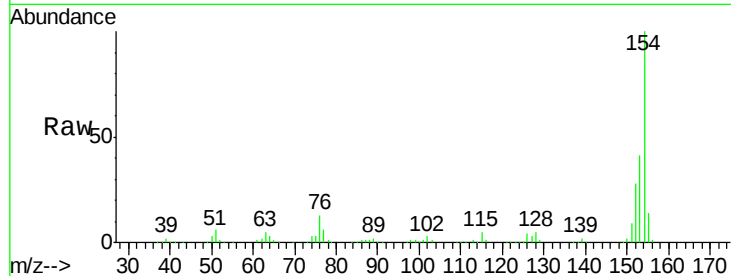




#45
 1,1'-Biphenyl
 Concen: 33.35 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

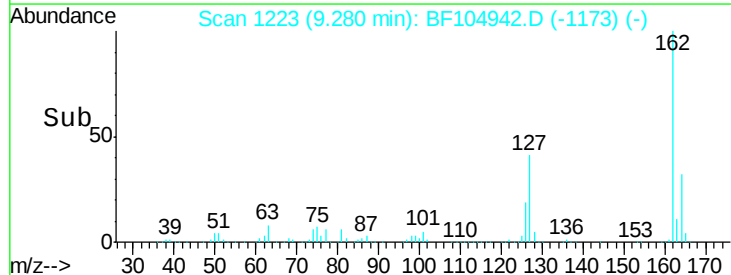
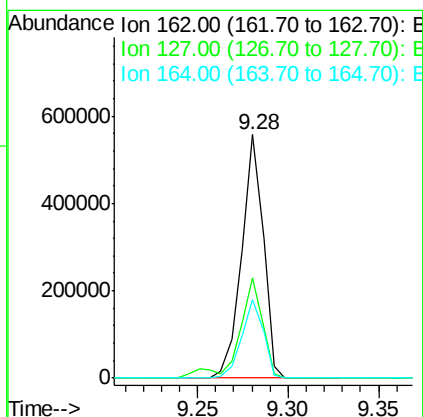
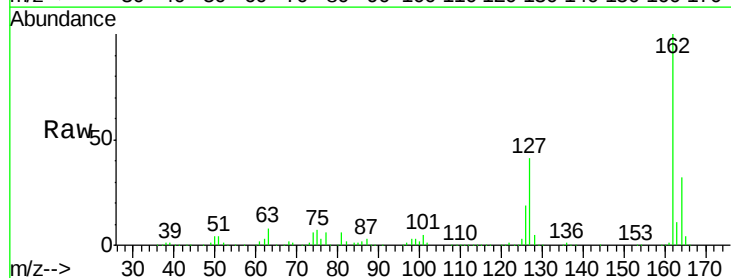
Instrument :
 BNA_F
 ClientSampleId :

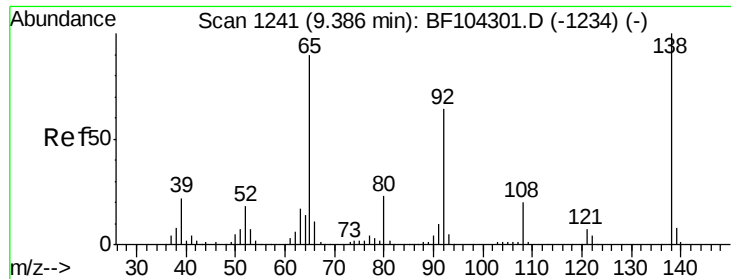
Tot Ion:154 Resp: 590811
 Ion Ratio Lower Upper
 154 100
 153 40.6 21.3 61.3
 76 13.2 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 32.97 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion:162 Resp: 461433
 Ion Ratio Lower Upper
 162 100
 127 41.4 33.9 50.9
 164 32.4 26.5 39.7

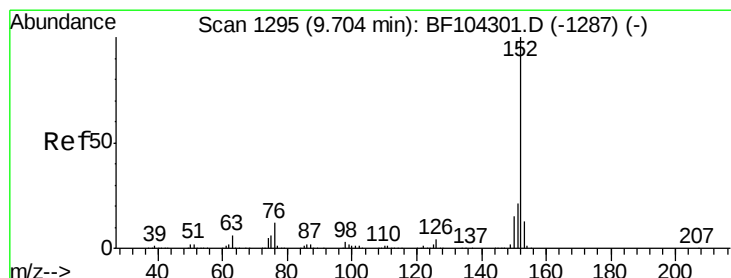
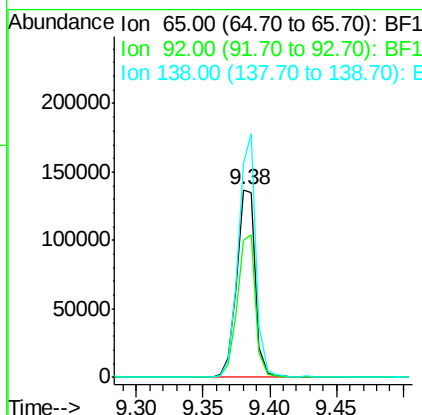
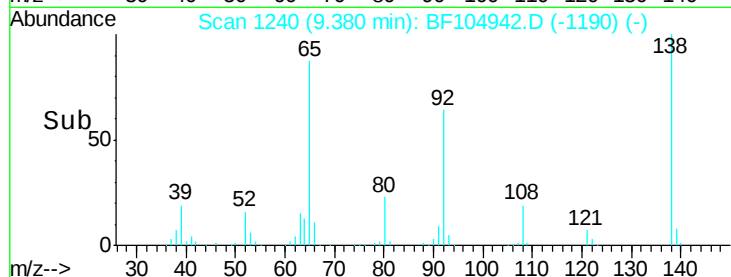
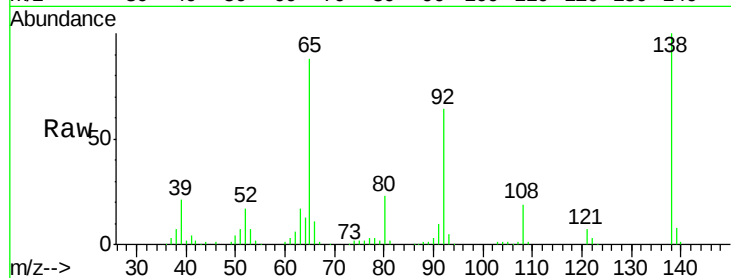




#47
 2-Nitroaniline
 Concen: 38.90 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

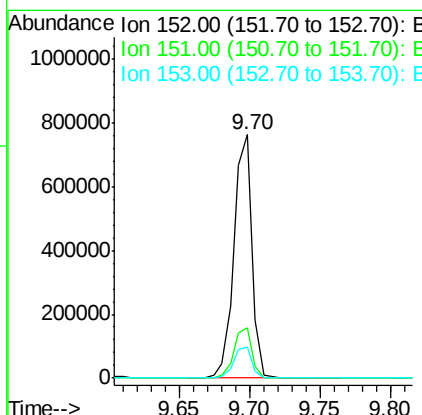
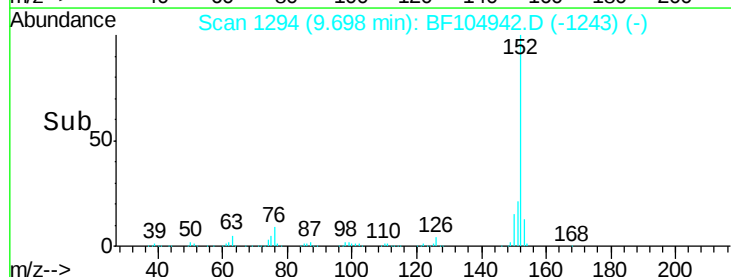
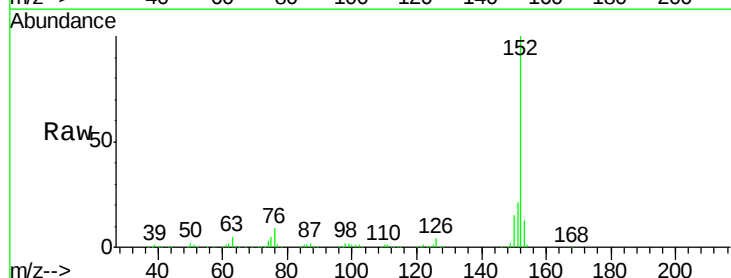
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 65 Resp: 134644
 Ion Ratio Lower Upper
 65 100
 92 73.0 55.8 83.6
 138 114.2 91.2 136.8



#48
 Acenaphthylene
 Concen: 30.75 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion: 152 Resp: 675225
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.3 24.5
 153 12.9 10.7 16.1

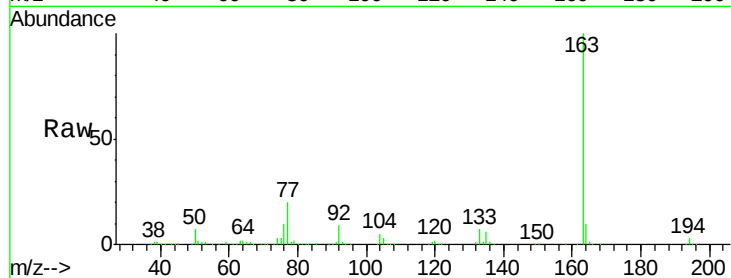




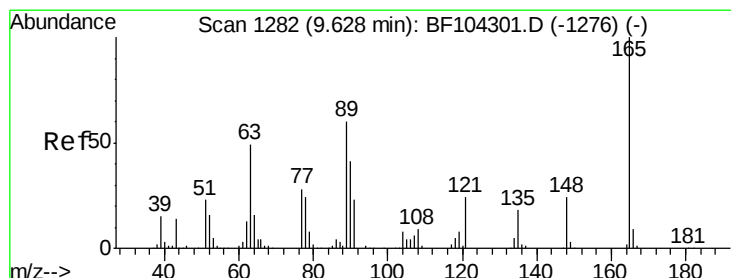
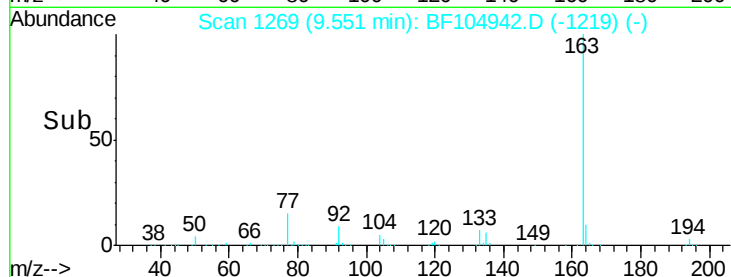
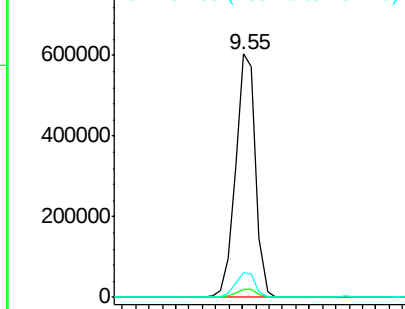
#49
Dimethylphthalate
Concen: 37.95 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 631175
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.3 8.2 12.2

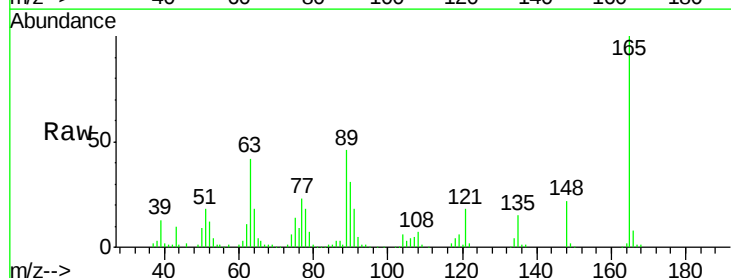


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

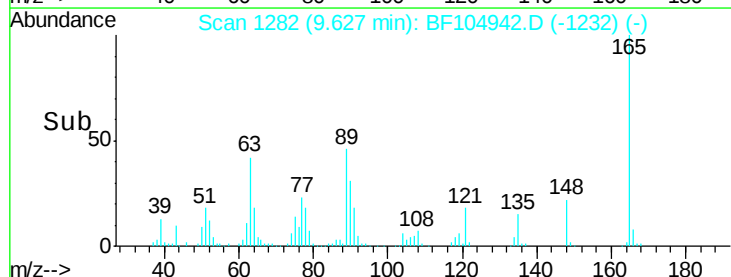
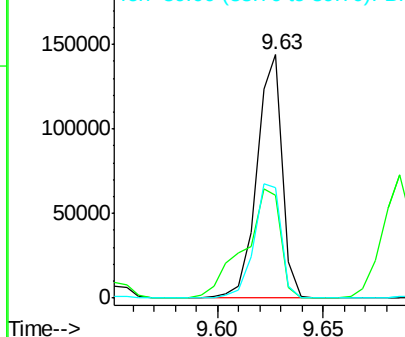


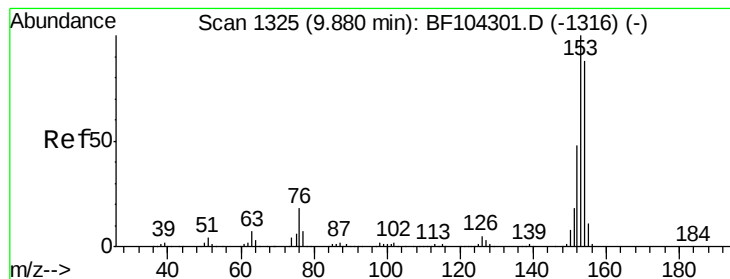
#50
2,6-Dinitrotoluene
Concen: 38.95 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Tgt Ion:165 Resp: 119862
Ion Ratio Lower Upper
165 100
63 42.1 44.7 67.1#
89 45.6 44.0 66.0



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





#51

Acenaphthene

Concen: 29.59 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

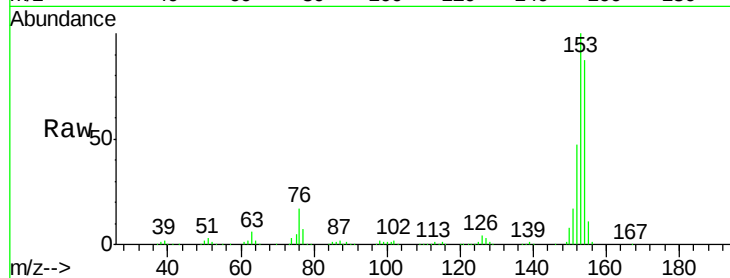
Tot Ion:154 Resp: 396411

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

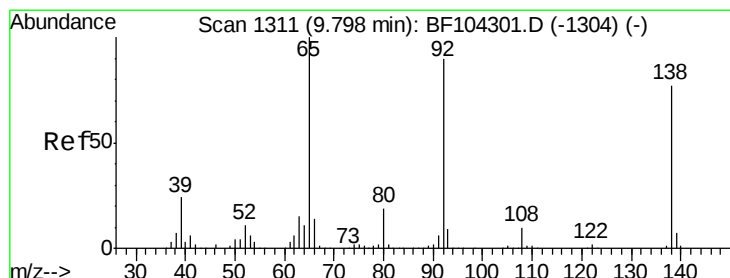
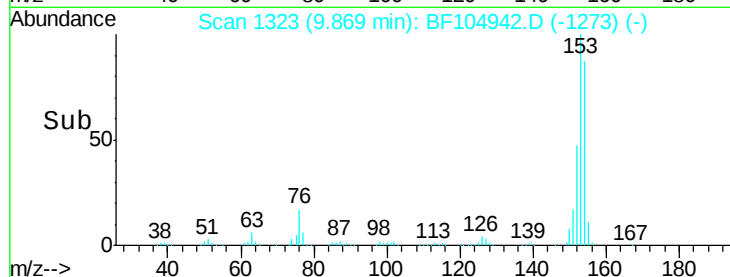
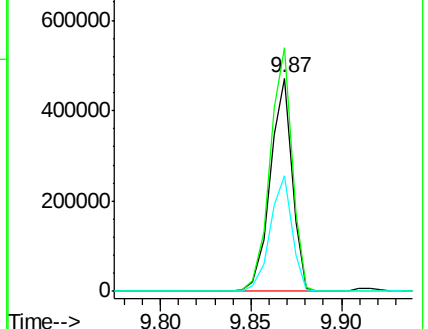
152 54.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.03 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

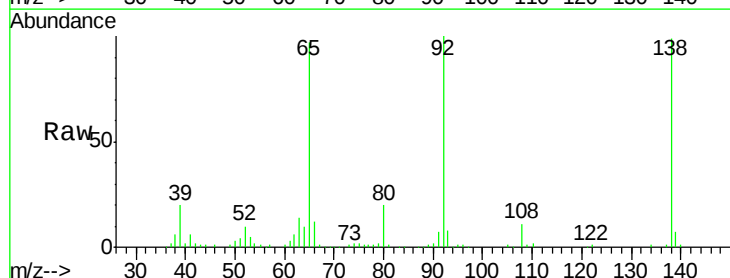
Tgt Ion:138 Resp: 97394

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

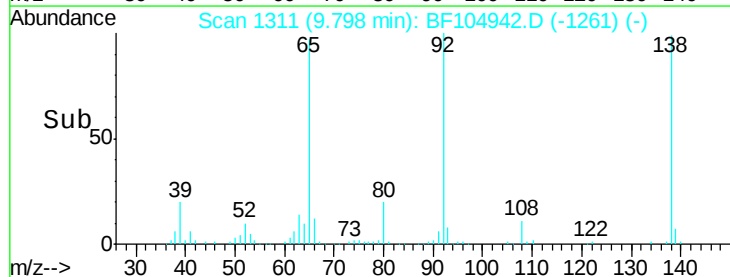
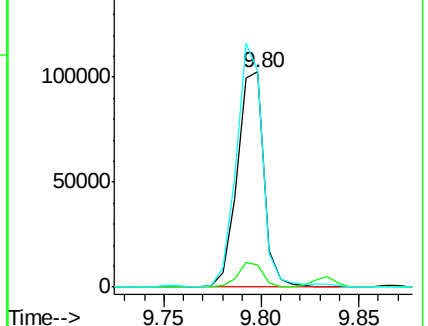
92 100.5 89.4 134.2

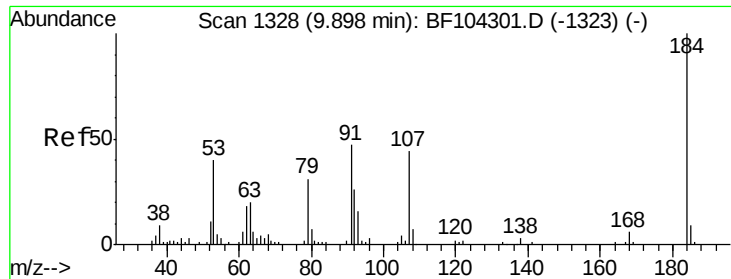


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

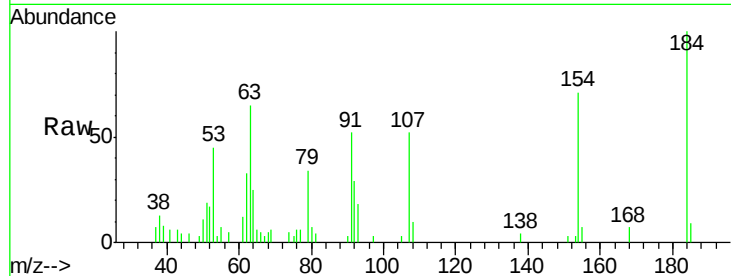




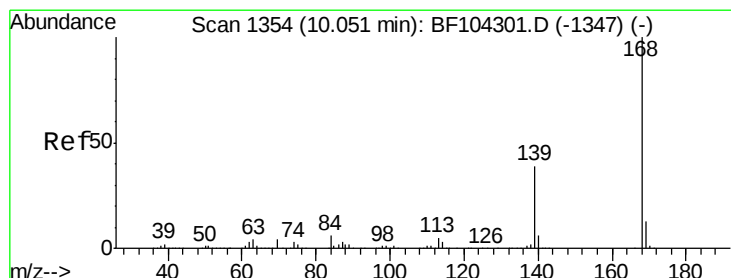
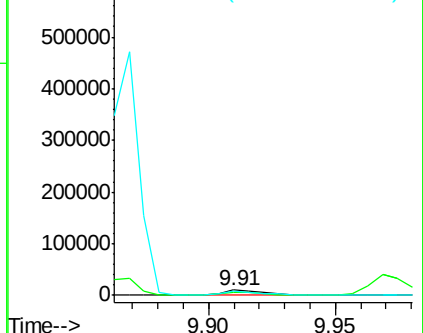
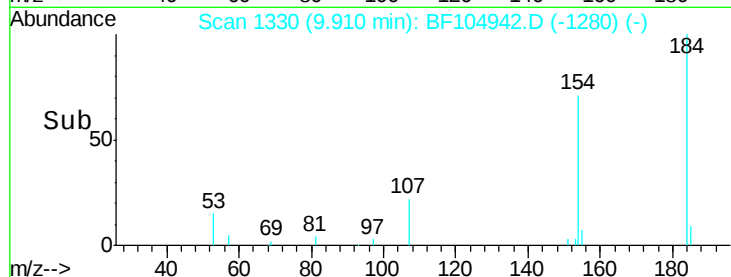
#53
 2,4-Dinitrophenol
 Concen: 18.75 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 12657
 Ion Ratio Lower Upper
 184 100
 63 65.1 54.2 81.2
 154 70.6 184.0 276.0#

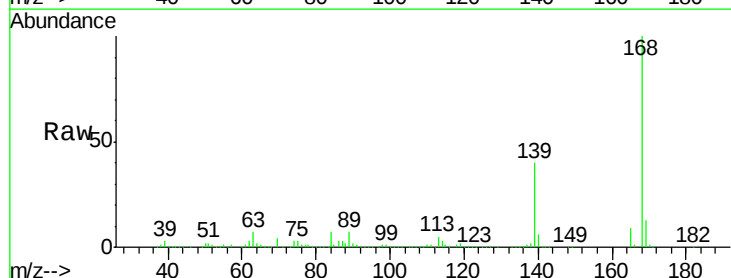


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

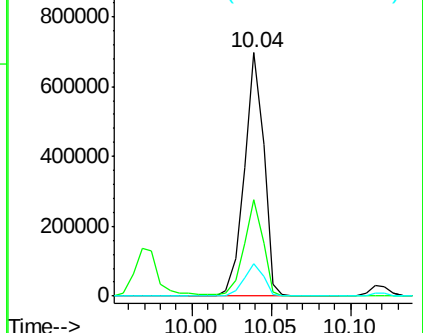
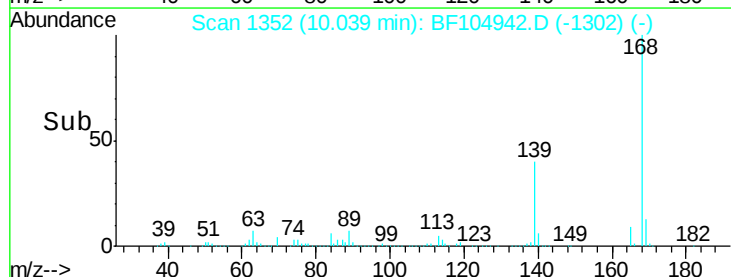


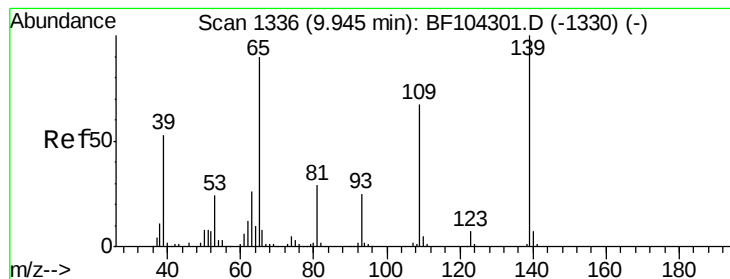
#54
 Dibenzofuran
 Concen: 31.62 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion:168 Resp: 590376
 Ion Ratio Lower Upper
 168 100
 139 39.8 30.1 45.1
 169 13.2 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: 52.72 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampled :

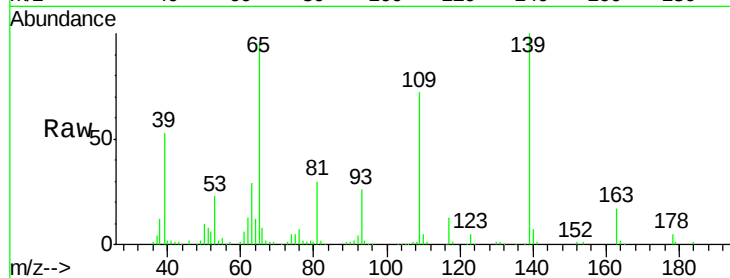
Tot Ion:139 Resp: 149207

Ion Ratio Lower Upper

139 100

109 71.5 48.4 88.4

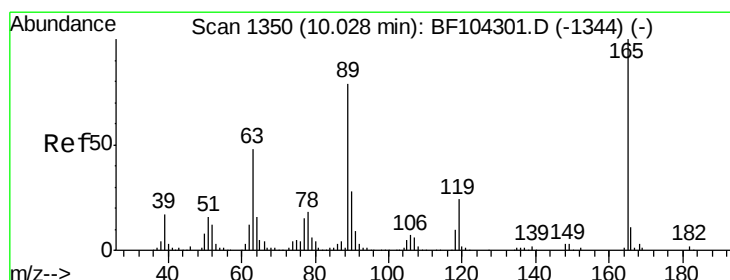
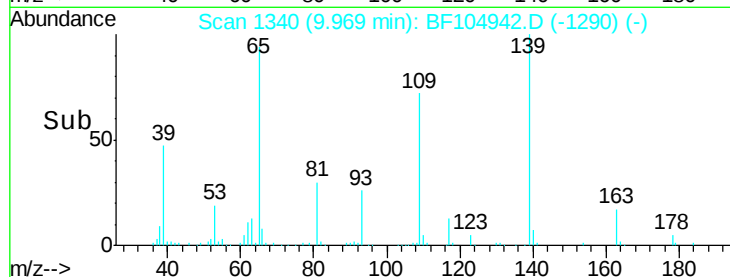
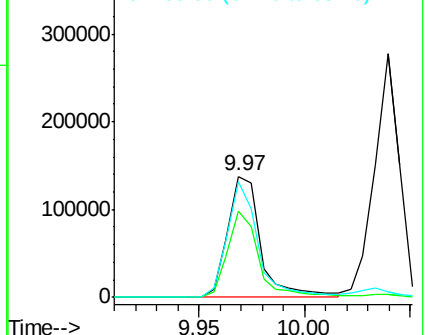
65 95.2 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 34.99 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Tgt Ion:165 Resp: 141235

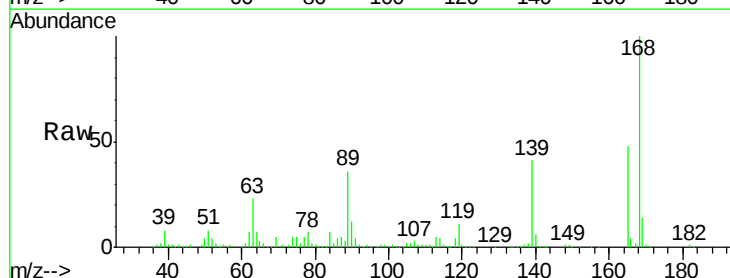
Ion Ratio Lower Upper

165 100

63 49.2 36.4 54.6

89 74.7 57.8 86.6

182 2.5 1.6 2.4#

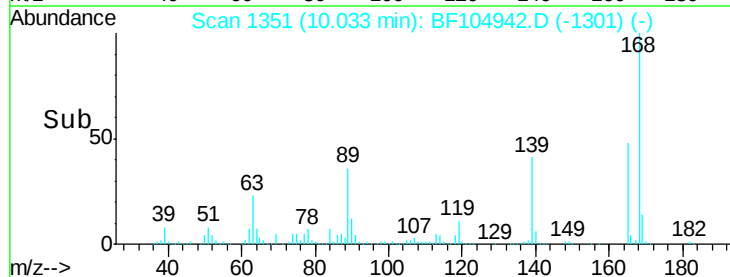
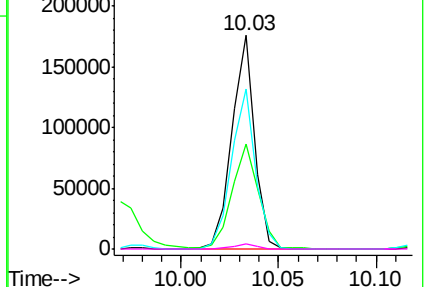


Abundance Ion 165.00 (164.70 to 165.70): E

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

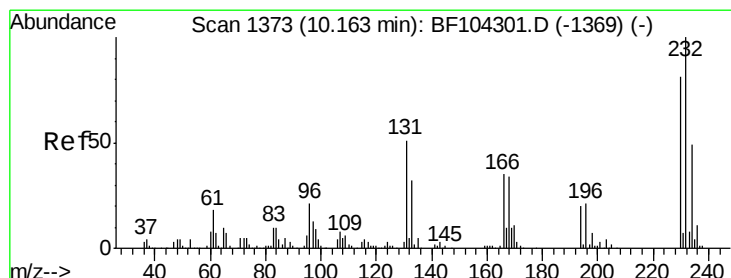
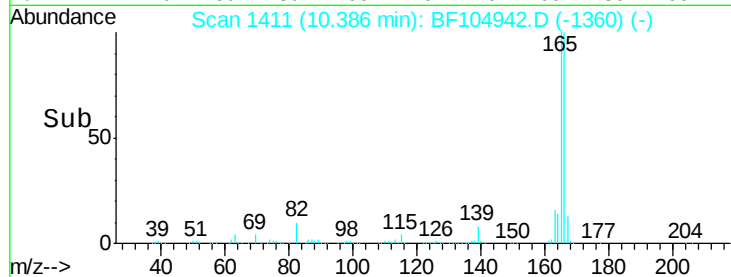
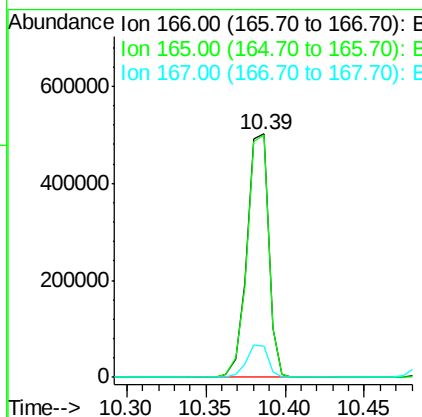
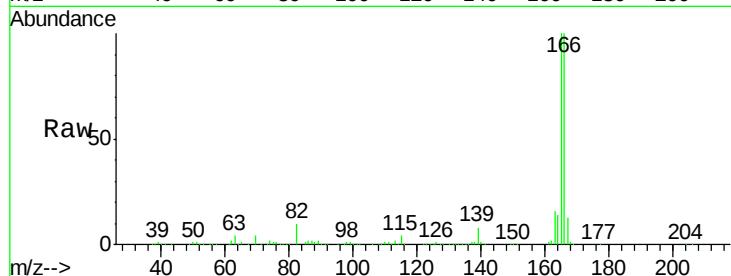




#57
 Fluorene
 Concen: 34.72 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

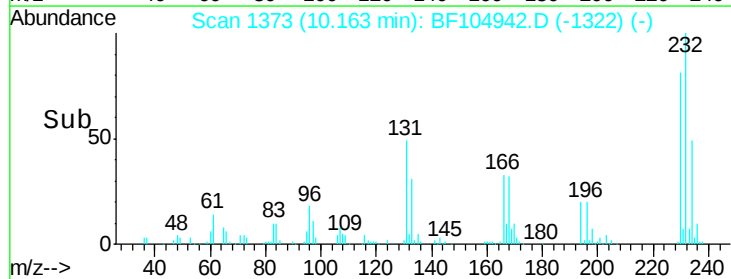
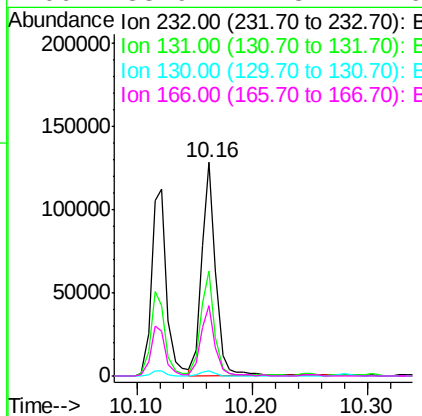
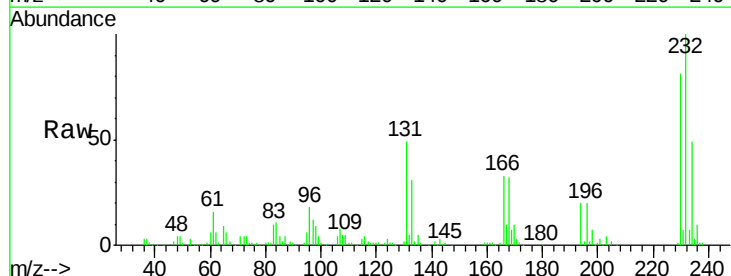
Instrument :
 BNA_F
 ClientSampleId :

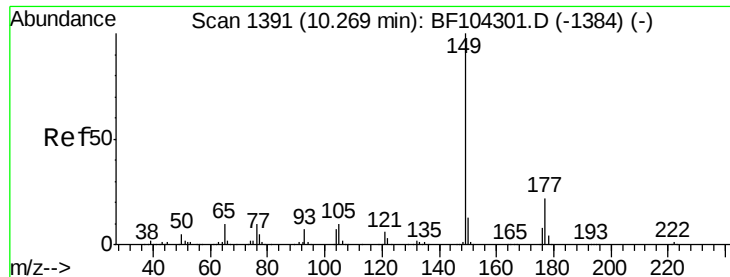
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.8	119.8
167	12.7	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.39 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.4	43.8	65.8
130	2.3	2.1	3.1
166	33.9	27.8	41.6





#59

Diethylphthalate

Concen: 31.63 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

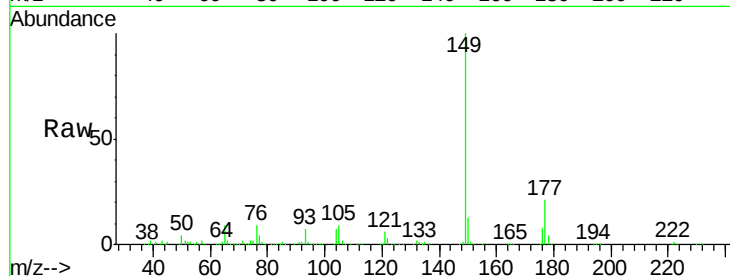
Tot Ion:149 Resp: 523854

Ion Ratio Lower Upper

149 100

177 20.6 16.1 24.1

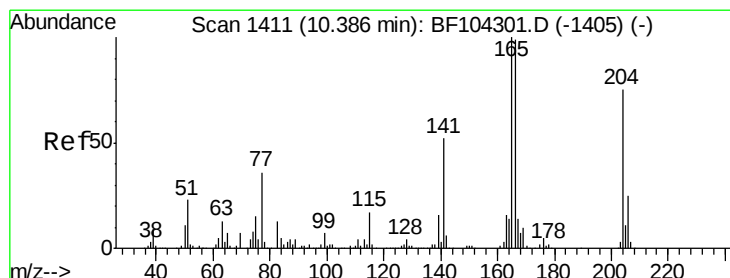
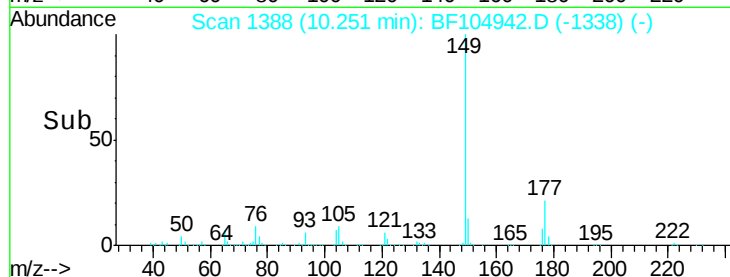
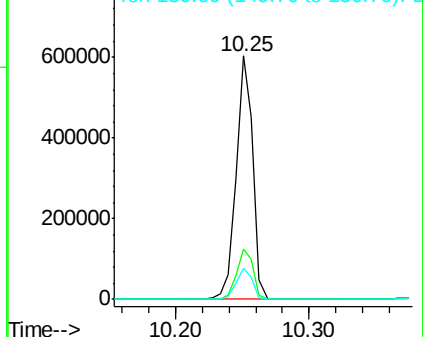
150 12.6 10.1 15.1



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: 36.38 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

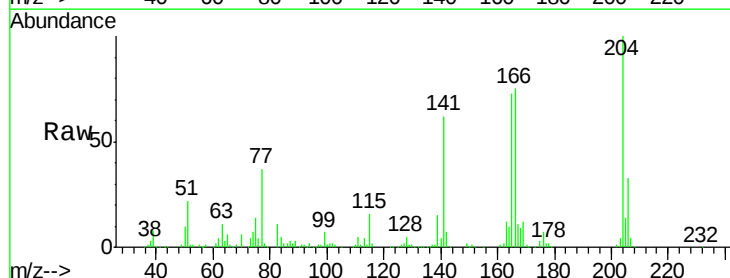
Tgt Ion:204 Resp: 220173

Ion Ratio Lower Upper

204 100

206 33.4 26.5 39.7

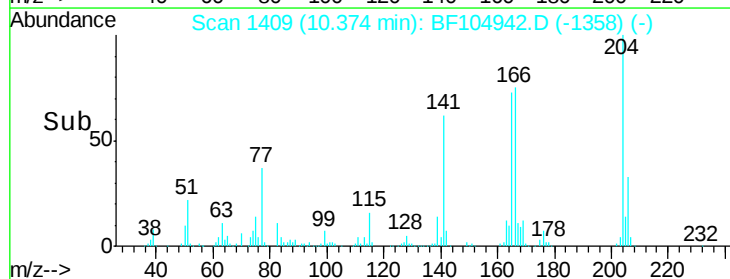
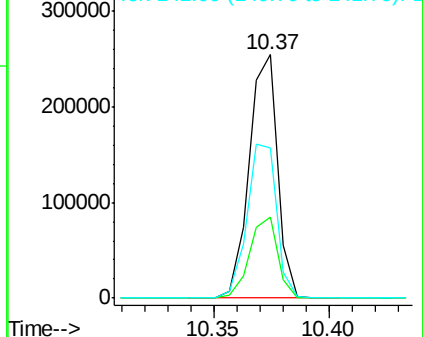
141 61.9 54.6 81.8

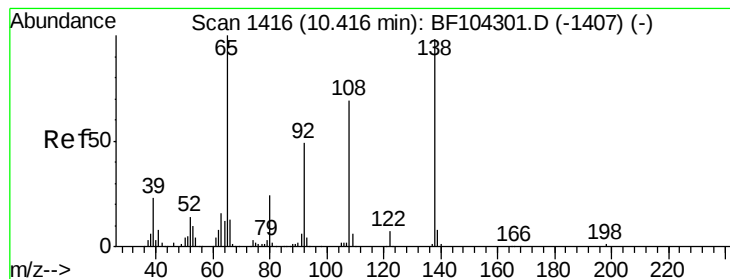


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 32.27 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampled :

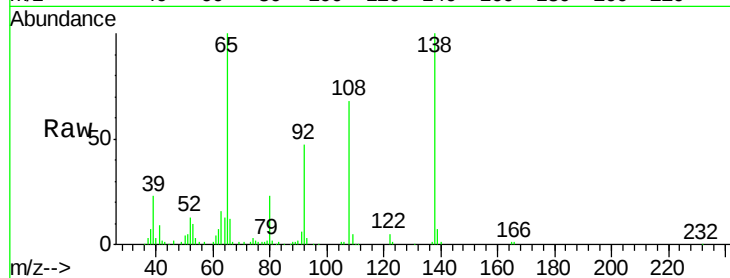
Tot Ion:138 Resp: 113675

Ion Ratio Lower Upper

138 100

92 47.0 30.2 70.2

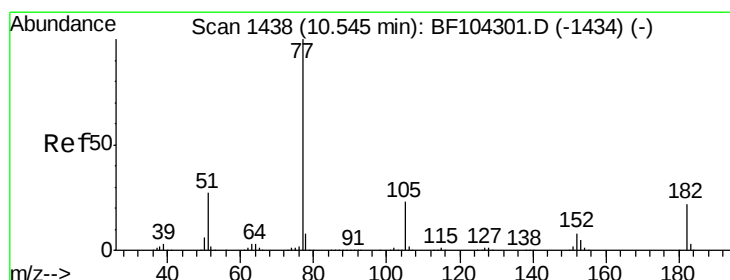
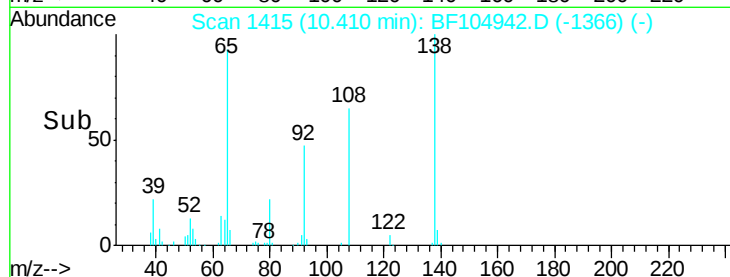
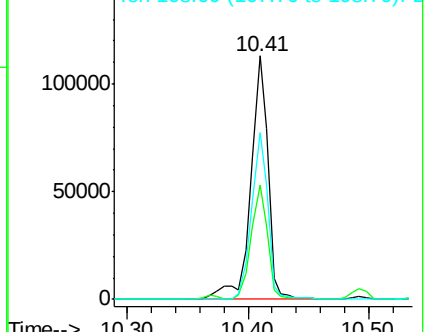
108 68.3 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 29.09 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Tgt Ion: 77 Resp: 460345

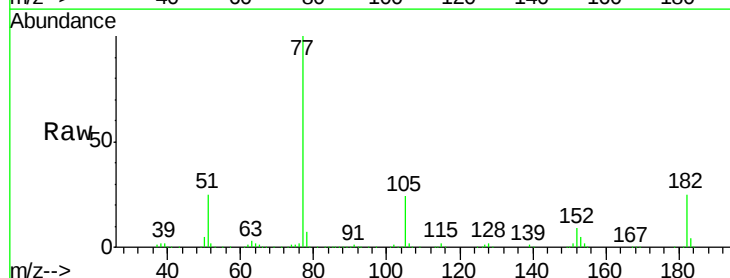
Ion Ratio Lower Upper

77 100

182 25.0 1.7 41.7

105 24.2 3.0 43.0

51 25.3 9.9 49.9

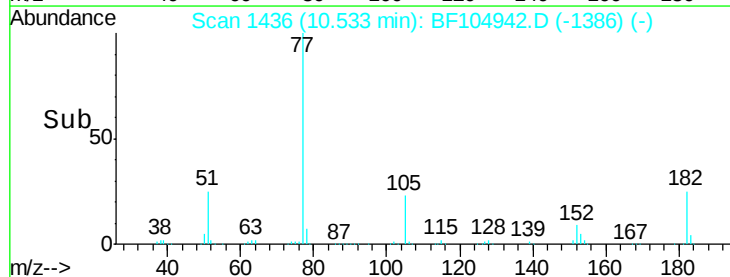
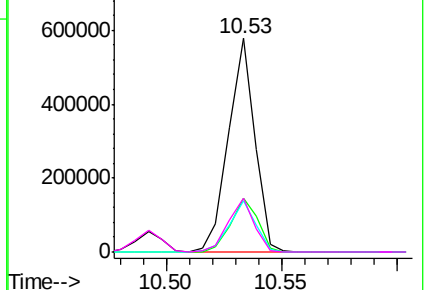


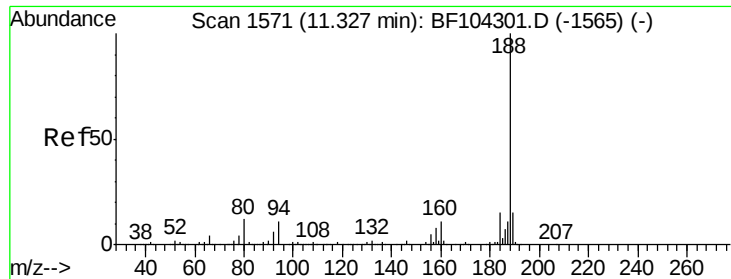
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

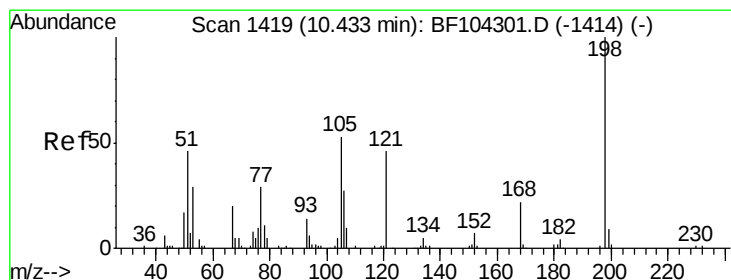
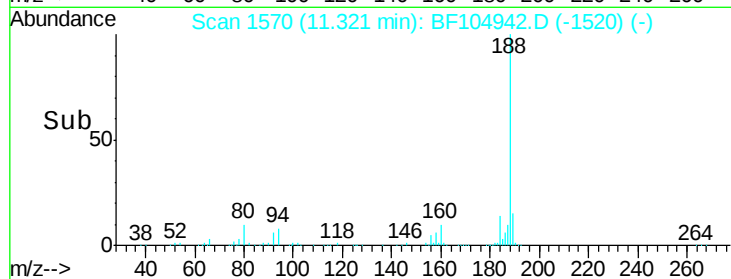
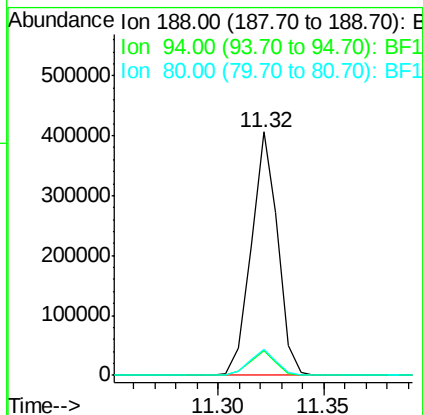
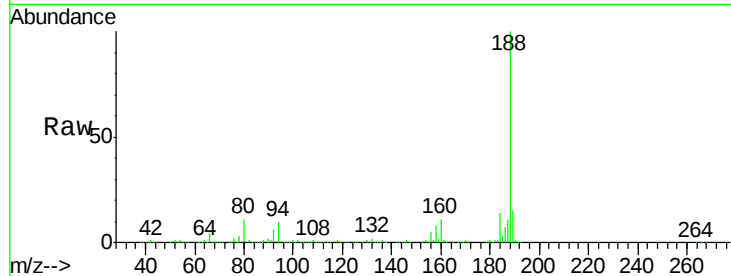




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

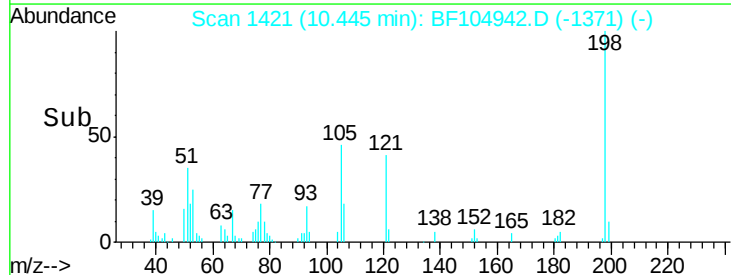
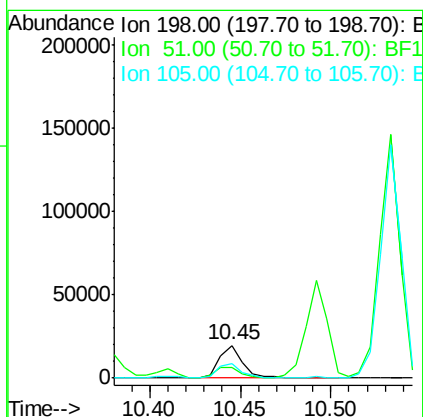
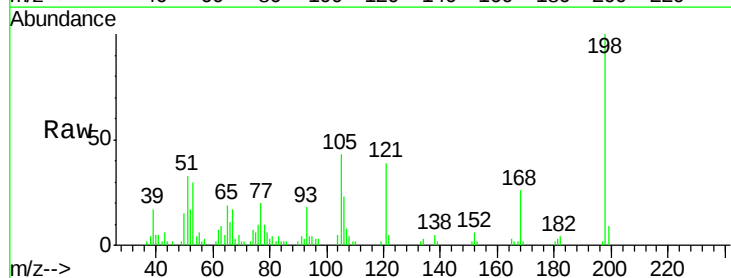
Instrument :
BNA_F
ClientSampleId :

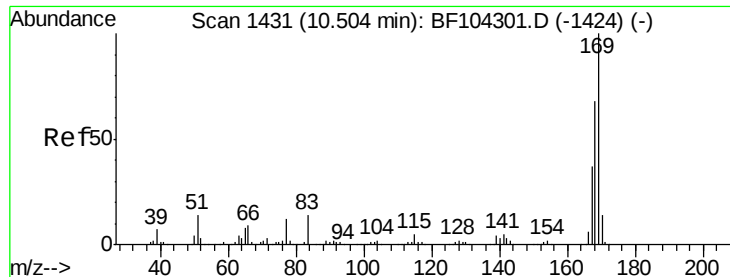
Tot Ion:188 Resp: 352630
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 16.05 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Tgt Ion:198 Resp: 17655
Ion Ratio Lower Upper
198 100
51 33.3 37.7 77.7#
105 43.2 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 34.35 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

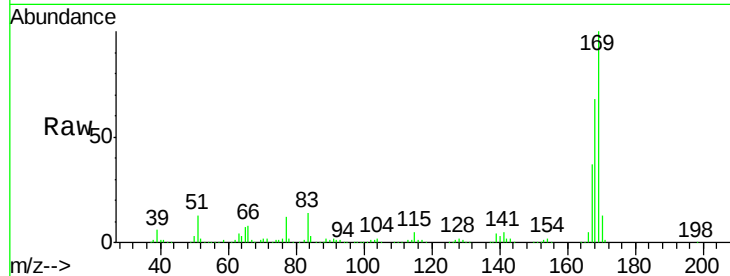
Tot Ion:169 Resp: 419974

Ion Ratio Lower Upper

169 100

168 68.1 54.4 81.6

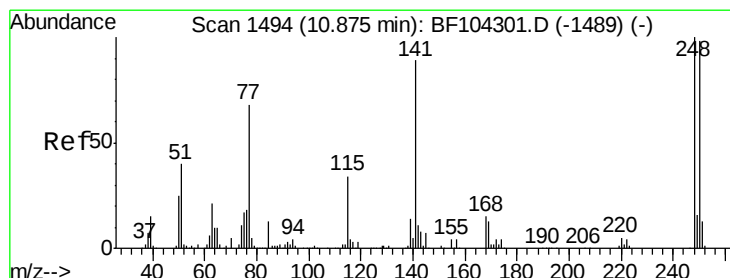
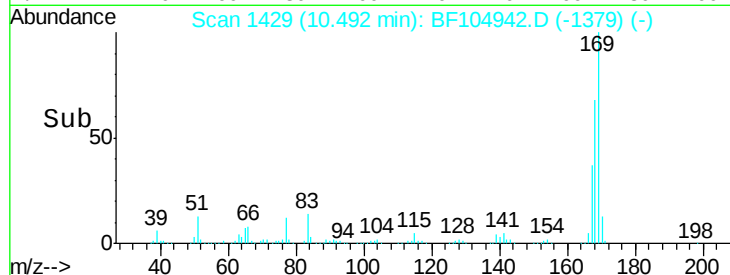
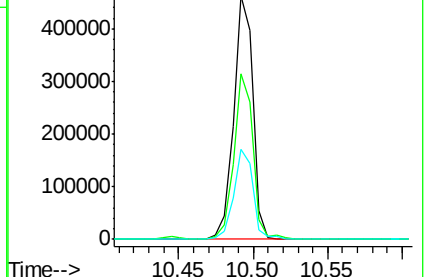
167 37.1 29.8 44.6



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: 34.95 ng

RT: 10.86 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

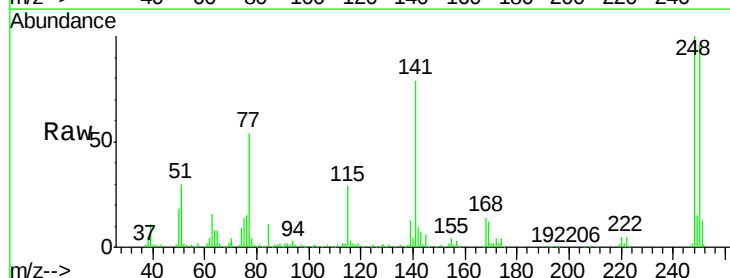
Tgt Ion:248 Resp: 131092

Ion Ratio Lower Upper

248 100

250 95.8 76.9 115.3

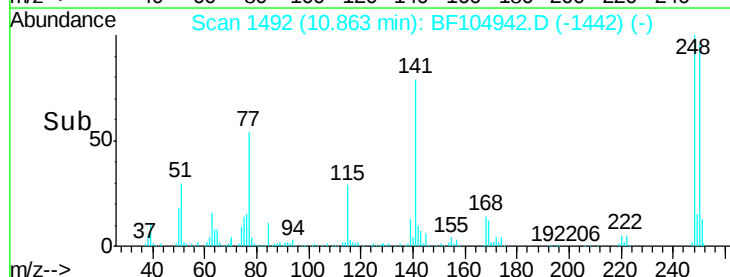
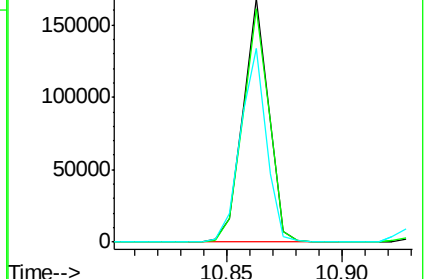
141 79.5 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

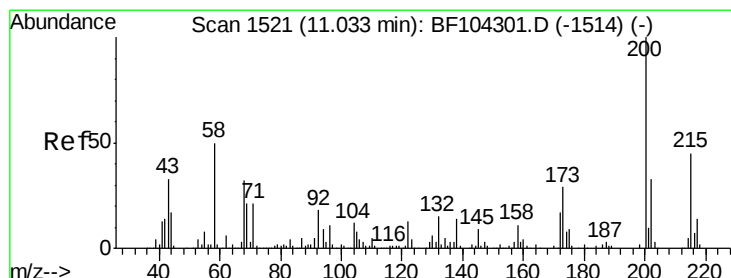
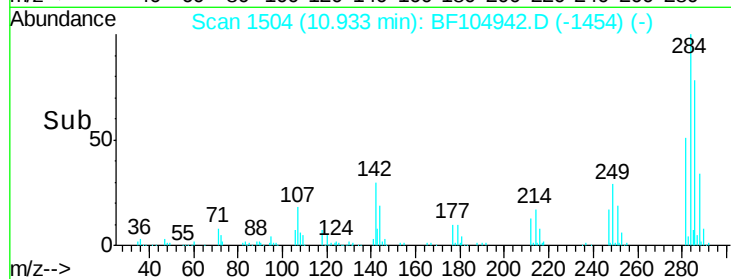
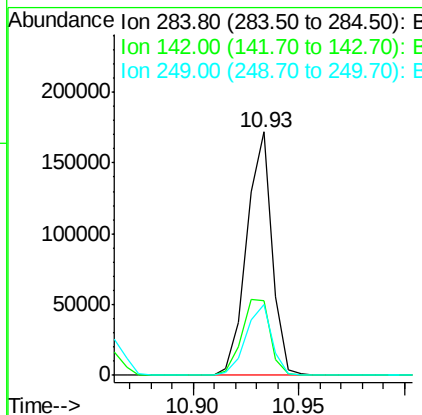
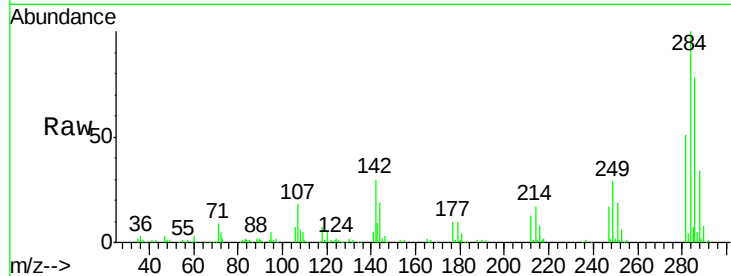




#67
Hexachlorobenzene
Concen: 33.85 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

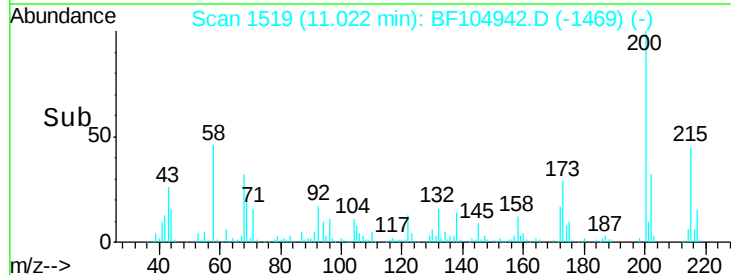
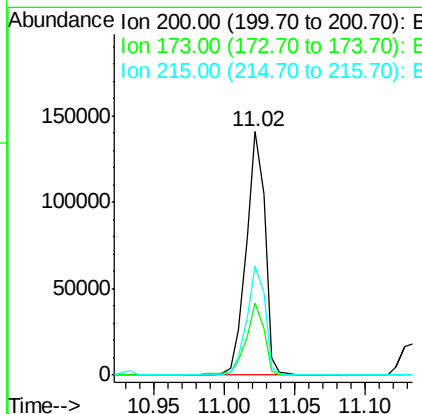
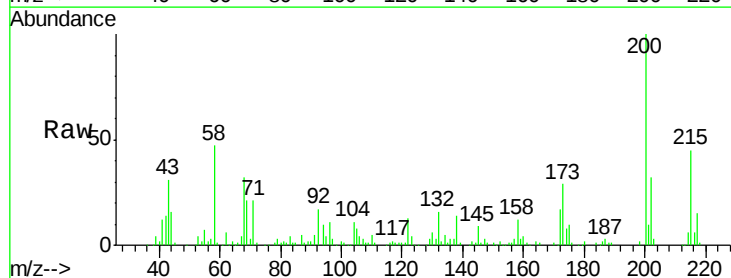
Instrument :
BNA_F
ClientSampleId :

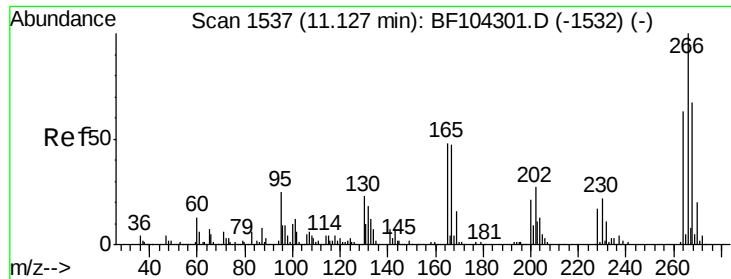
Tot Ion	Ratio	Lower	Upper
284	100		
142	30.4	34.6	52.0#
249	29.2	24.8	37.2



#68
Atrazine
Concen: 35.31 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.4	8.6	48.6
215	44.7	25.1	65.1

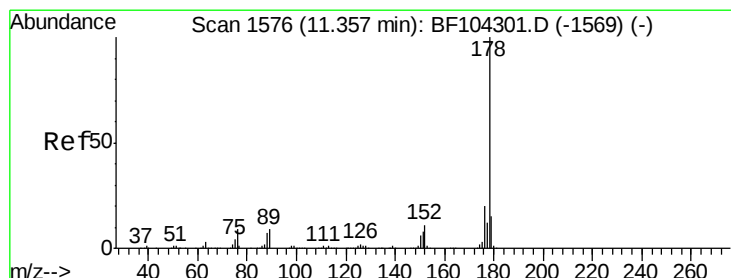
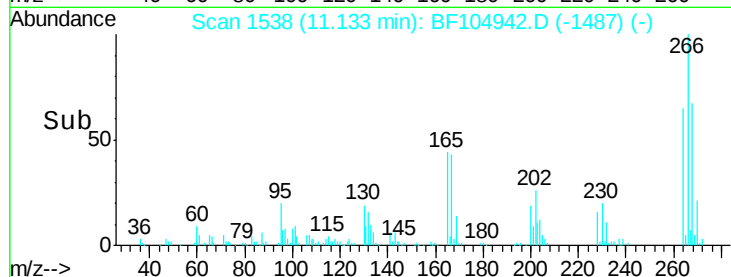
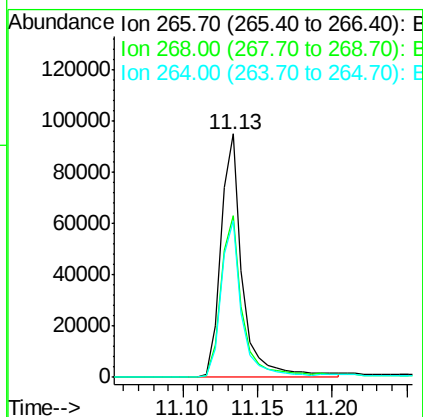
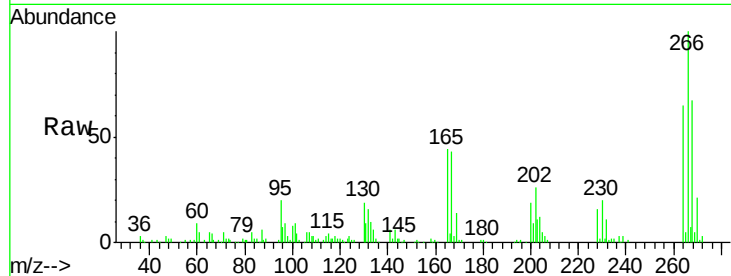




#69
 Pentachlorophenol
 Concen: 37.10 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. -0.00 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

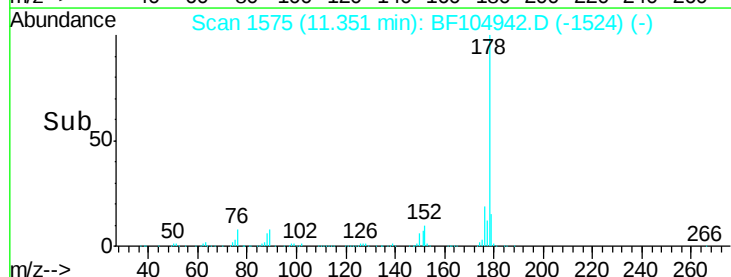
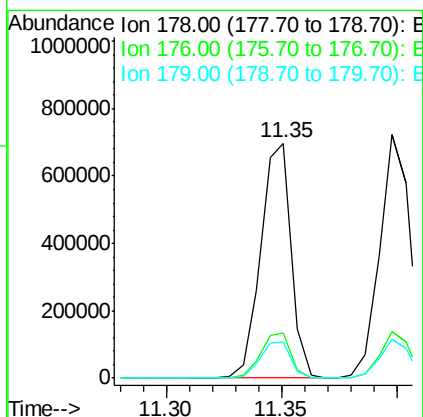
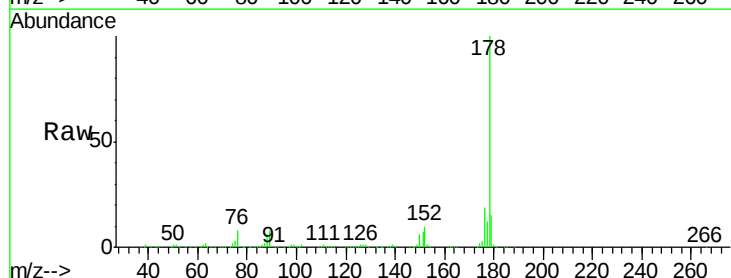
Instrument :
 BNA_F
 ClientSampleId :

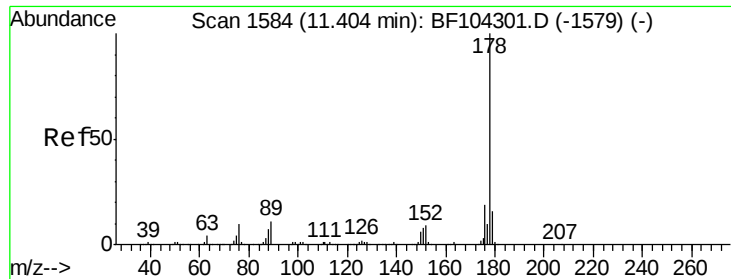
Tot Ion:266 Resp: 96871
 Ion Ratio Lower Upper
 266 100
 268 66.6 51.1 76.7
 264 64.6 49.5 74.3



#70
 Phenanthrene
 Concen: 32.62 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion:178 Resp: 640539
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.4 13.0 19.6

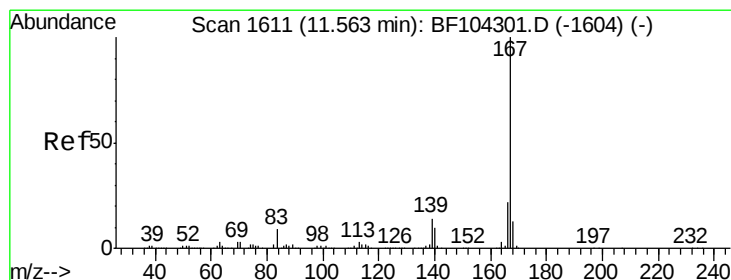
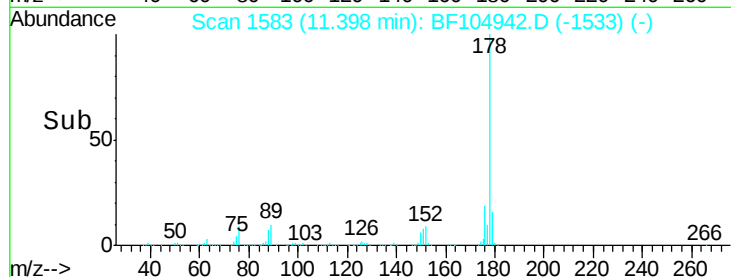
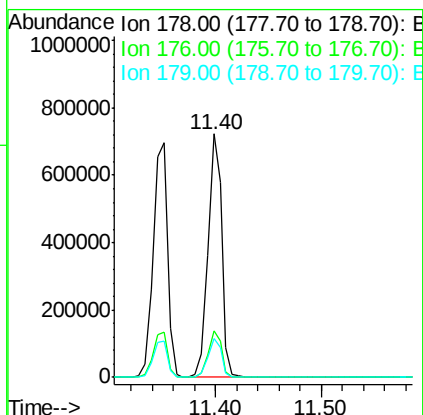
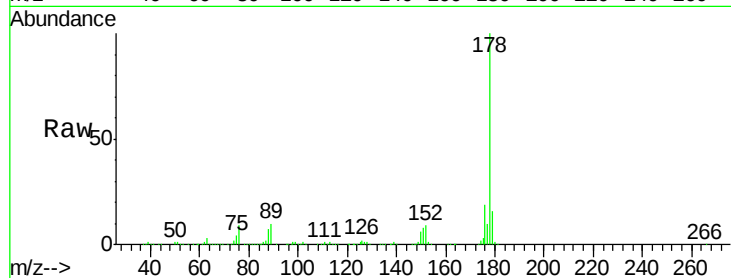




#71
 Anthracene
 Concen: 32.76 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

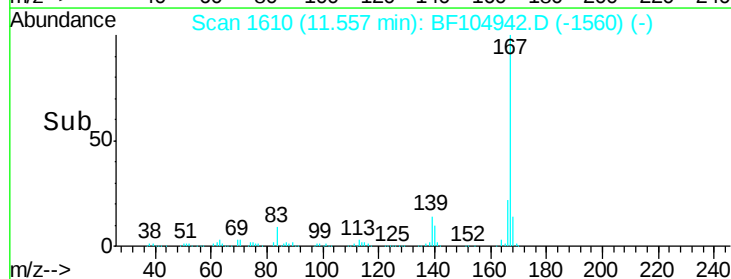
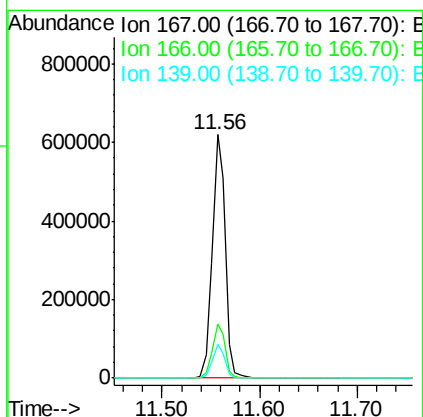
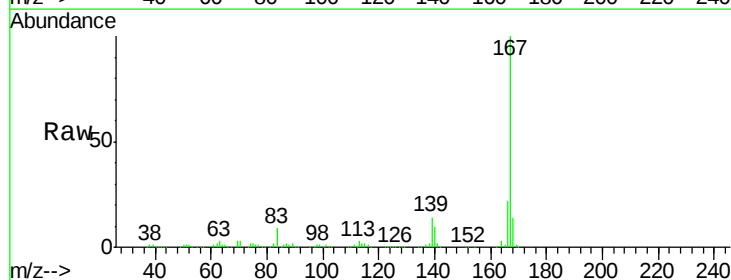
Instrument :
 BNA_F
 ClientSampleId :

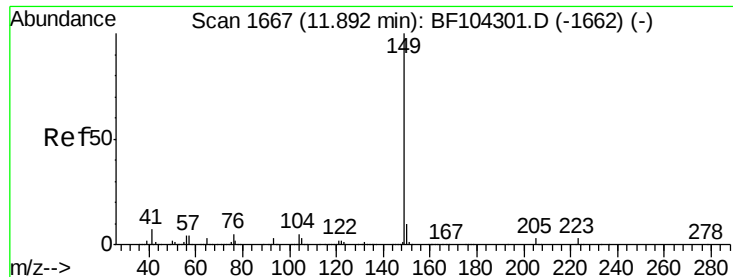
Tot Ion:178 Resp: 653898
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 29.12 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion:167 Resp: 568080
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 32.17 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

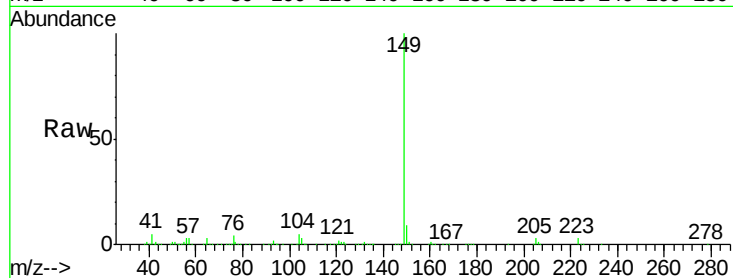
Tot Ion:149 Resp: 766448

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

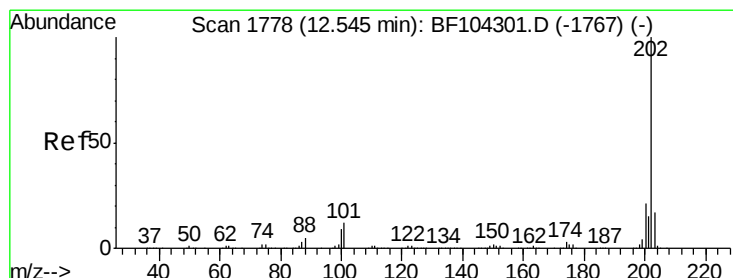
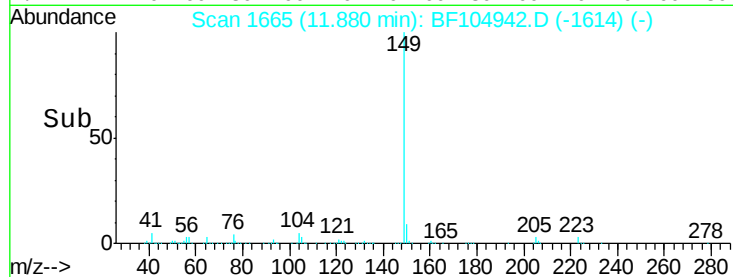
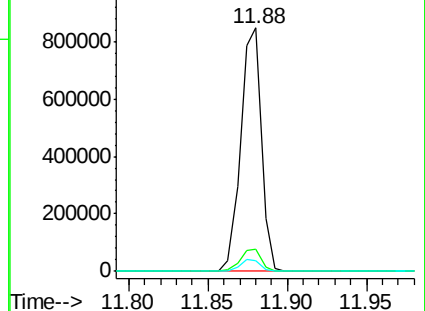
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 28.94 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

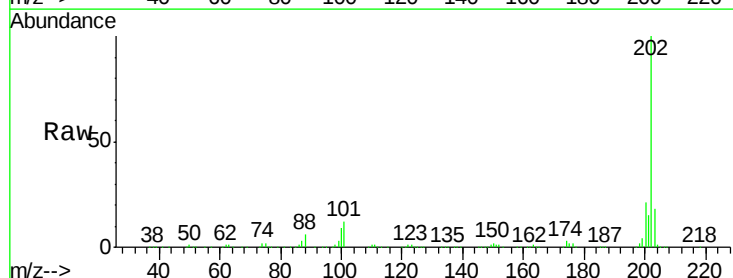
Tgt Ion:202 Resp: 593765

Ion Ratio Lower Upper

202 100

101 12.4 0.0 34.1

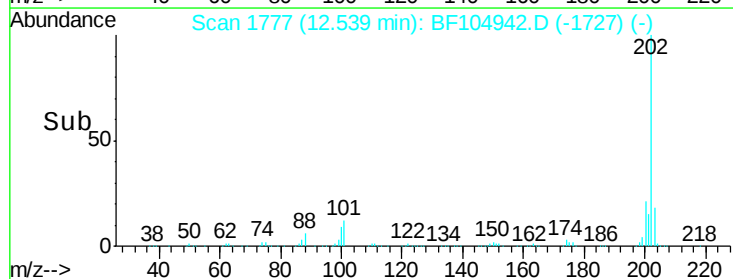
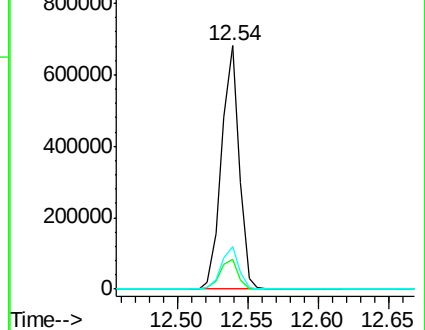
203 17.5 0.0 38.1

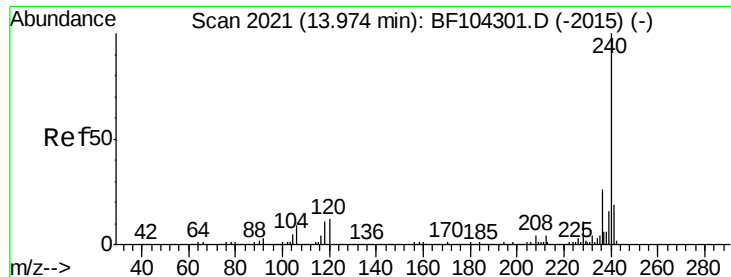


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

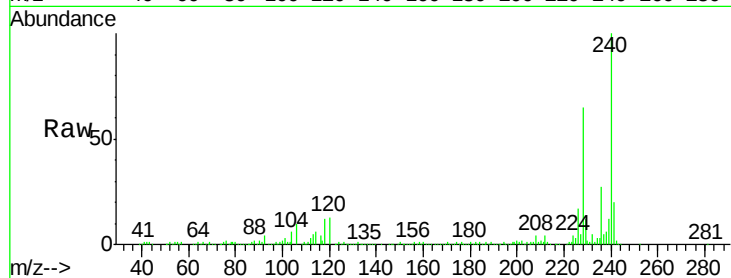
Tot Ion:240 Resp: 219183

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

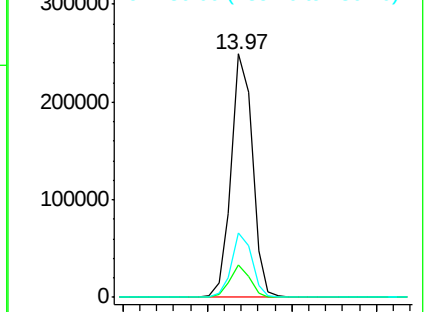
236 26.6 20.7 31.1



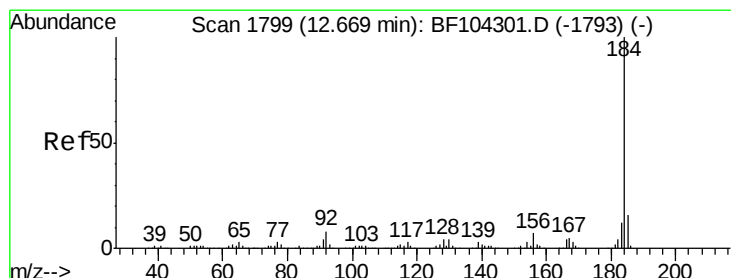
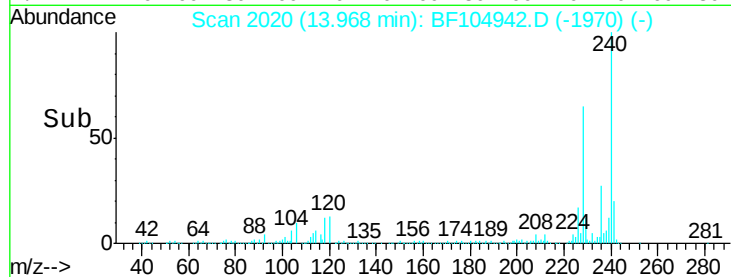
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 13.95 14.00 14.05



#76

Benzidine

Concen: 29.53 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

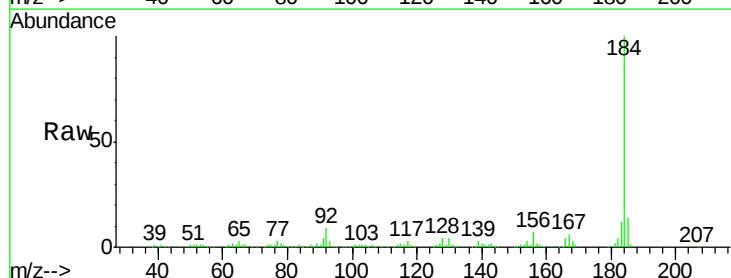
Tgt Ion:184 Resp: 237663

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

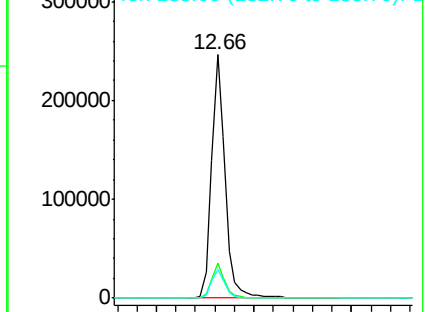
183 11.9 9.3 13.9



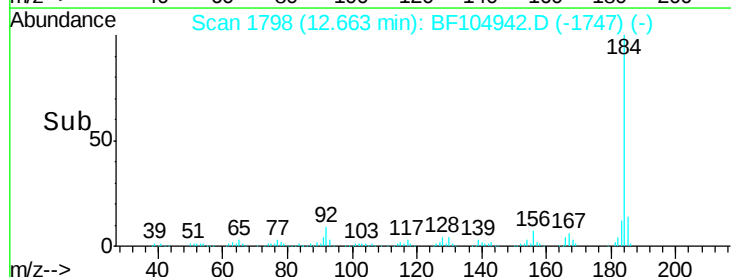
Abundance Ion 184.00 (183.70 to 184.70): E

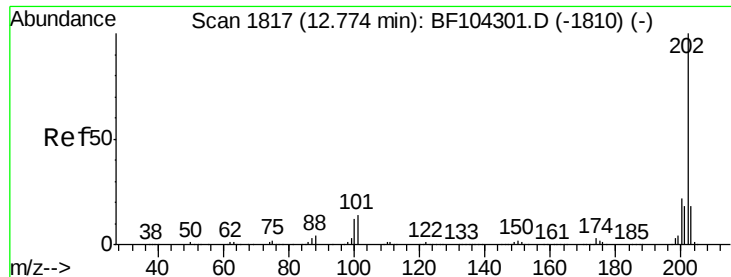
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 12.60 12.70 12.80

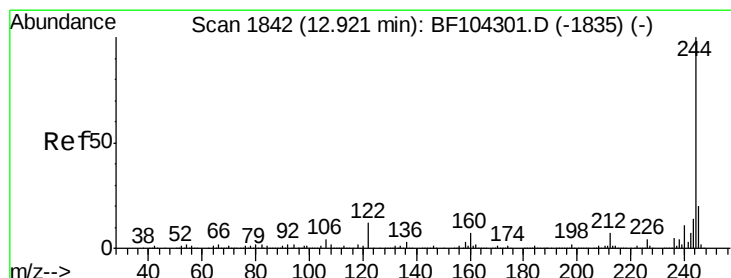
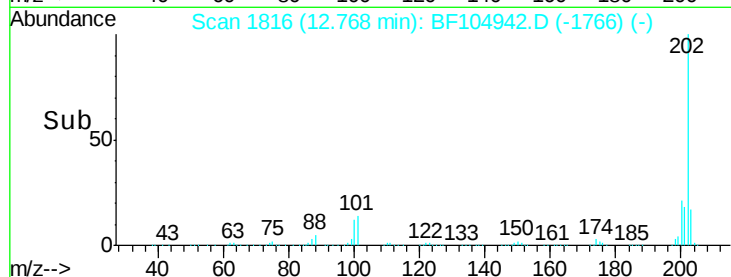
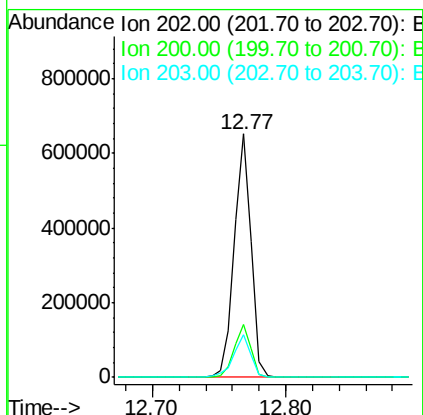
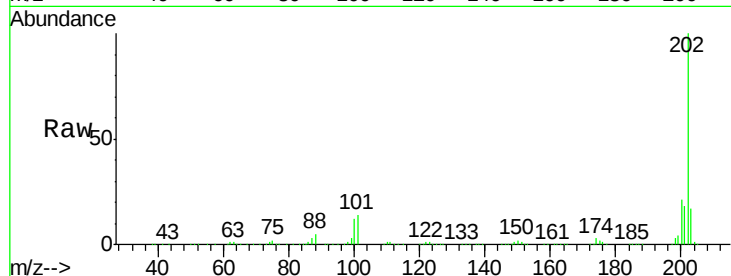




#77
 Pvrene
 Concen: 35.68 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

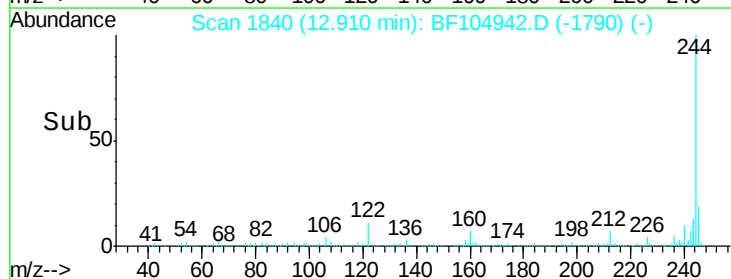
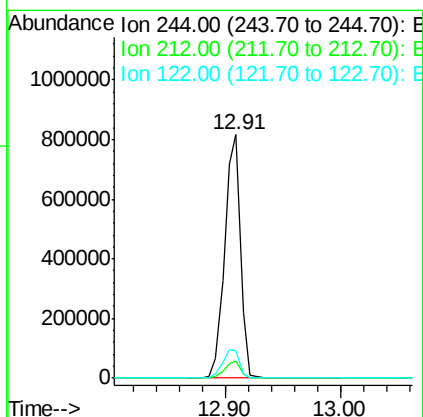
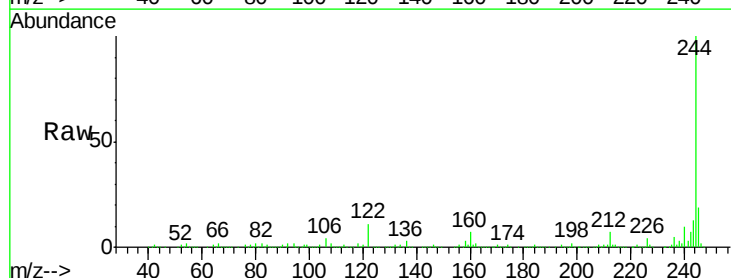
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 579731
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.4 26.2
 203 17.4 14.3 21.5



#78
 Terphenyl-d14
 Concen: 79.86 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion:244 Resp: 767774
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.2 11.0 16.4

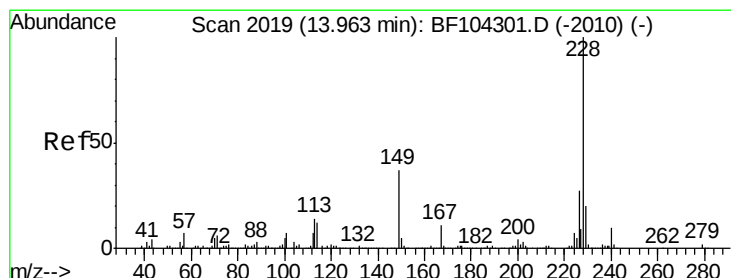
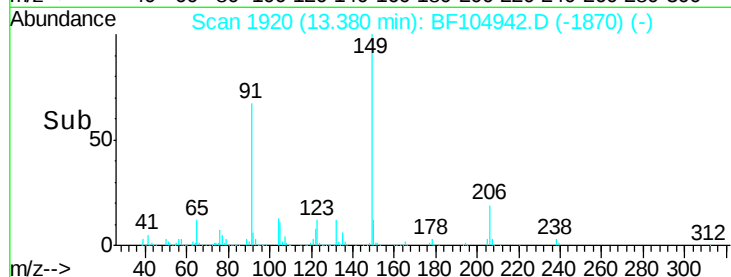
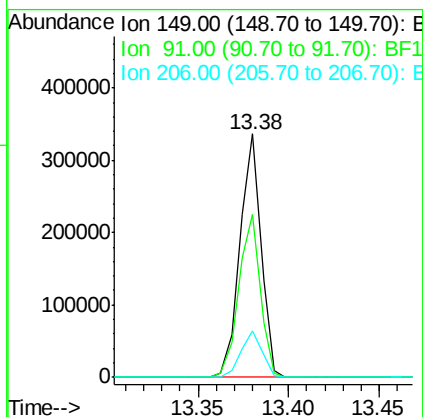
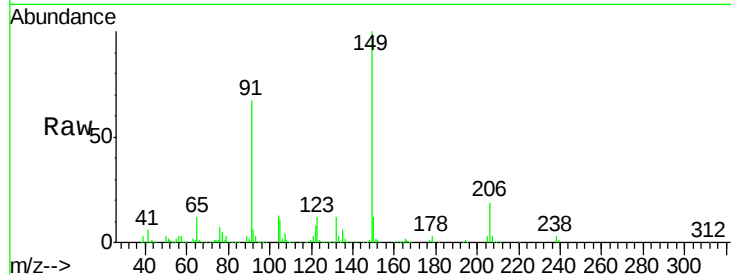




#79
Butylbenzylphthalate
Concen: 35.75 ng
RT: 13.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

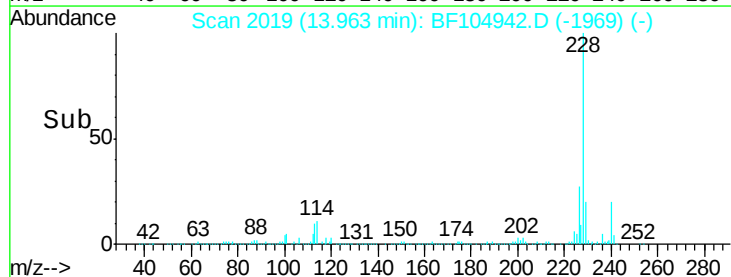
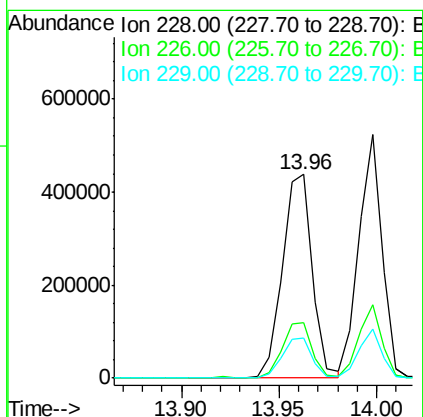
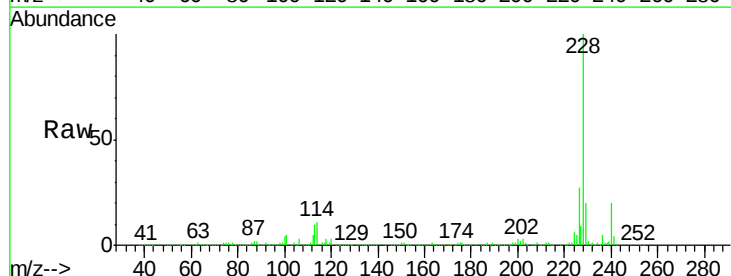
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.0	56.8	85.2
206	19.0	14.1	21.1



#80
Benzo(a)anthracene
Concen: 35.40 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.7	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 30.11 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF104942.D

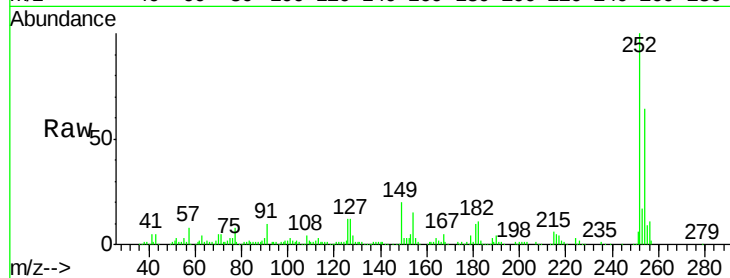
Acq: 30 Apr 2018 19:27

Instrument :

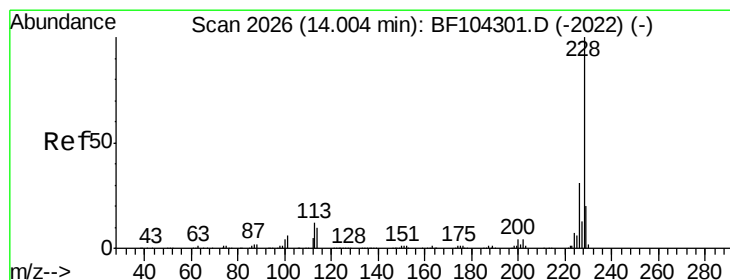
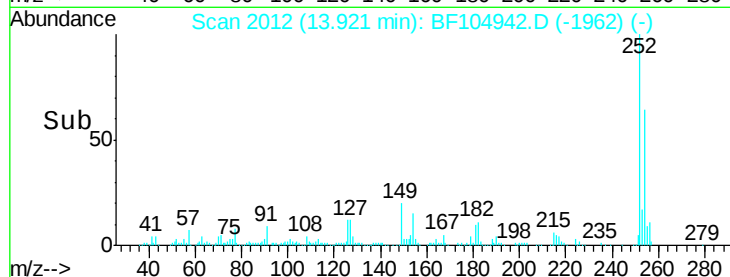
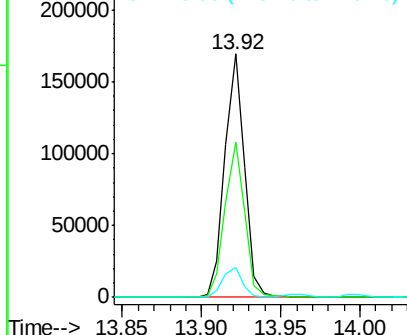
BNA_F

ClientSampleId :

Tot Ion:252	Resp:	147000
Ion Ratio	Lower	Upper
252	100	
254	63.6	50.4 75.6
126	12.0	11.3 16.9



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



#82

Chrysene

Concen: 32.13 ng

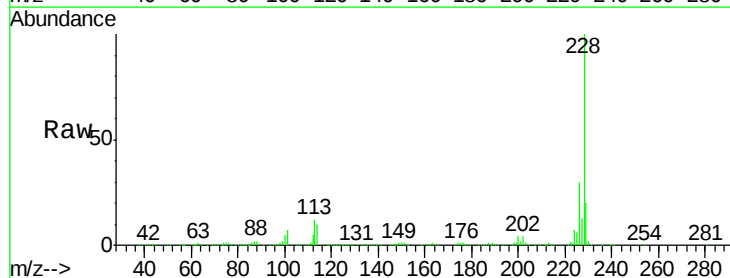
RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

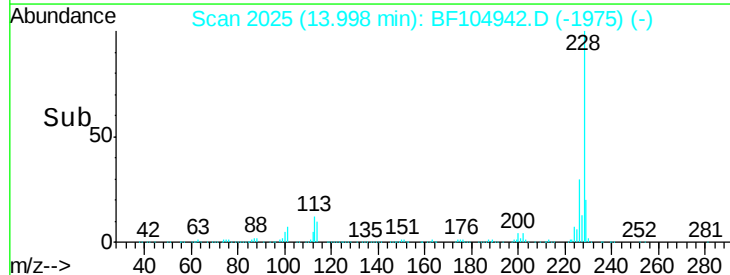
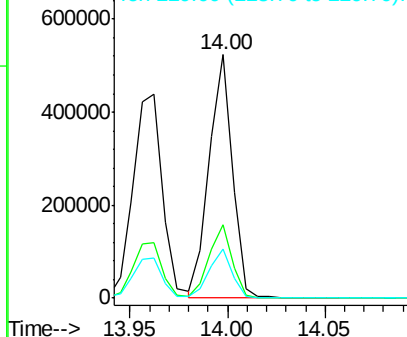
Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Tgt Ion:228	Resp:	432187
Ion Ratio	Lower	Upper
228	100	
226	30.2	25.0 37.6
229	20.2	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

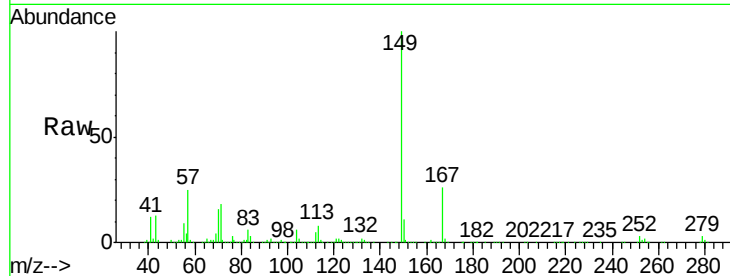




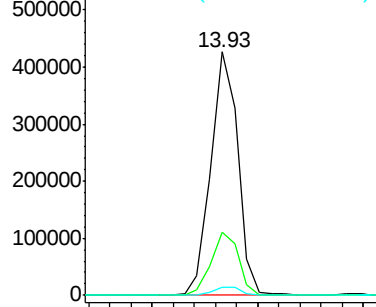
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.40 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Instrument :
 BNA_F
 ClientSampleId :

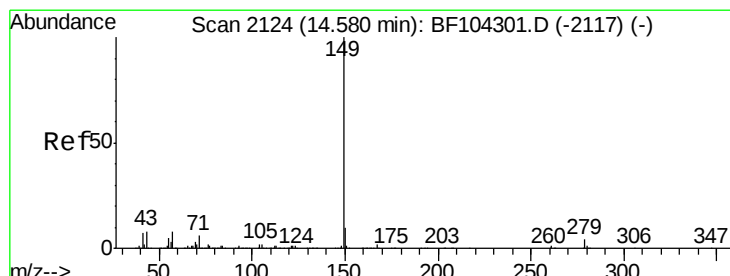
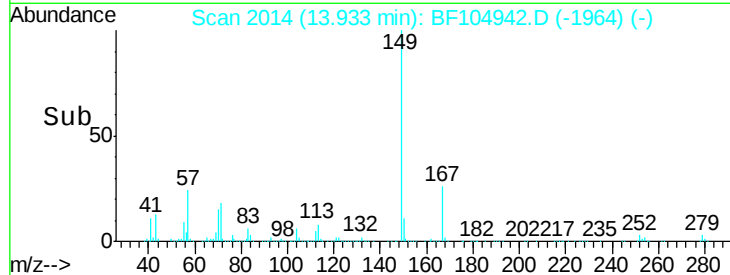
Tot Ion:149 Resp: 378001
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.3 31.9
 279 3.4 3.0 4.4



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

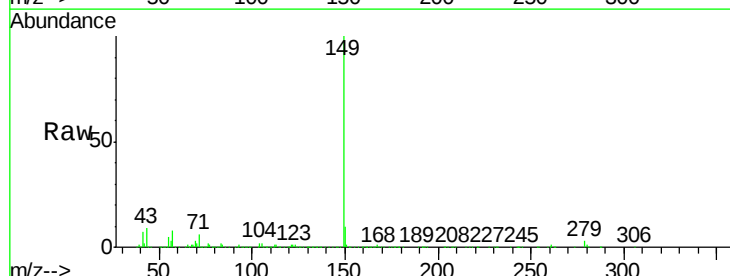


Time-->

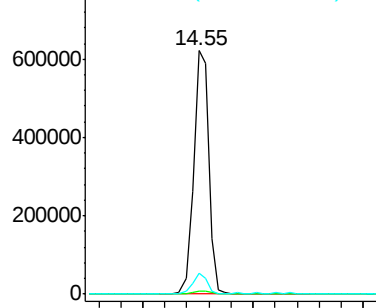


#84
 Di-n-octyl phthalate
 Concen: 36.00 ng
 RT: 14.55 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

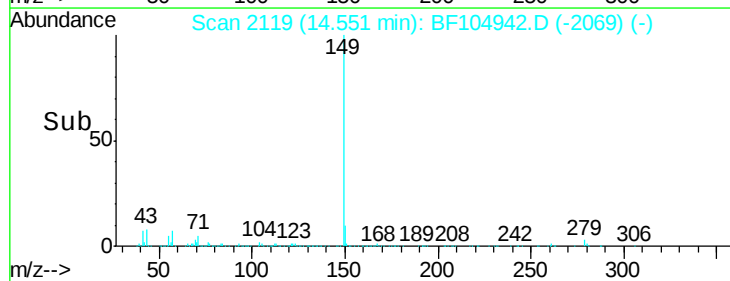
Tgt Ion:149 Resp: 592137
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 7.6 8.4 12.6#

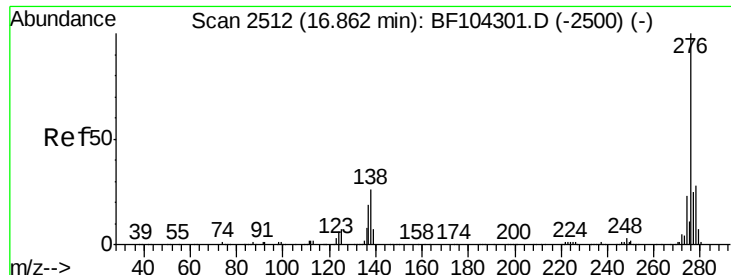


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1



Time-->

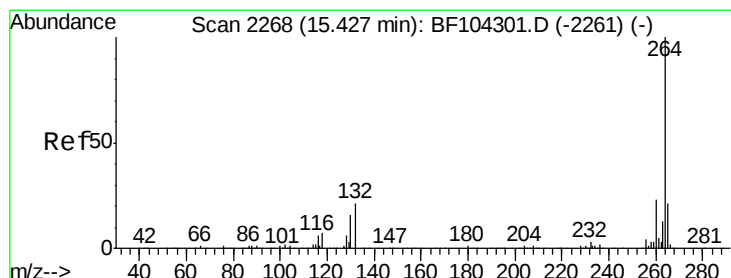
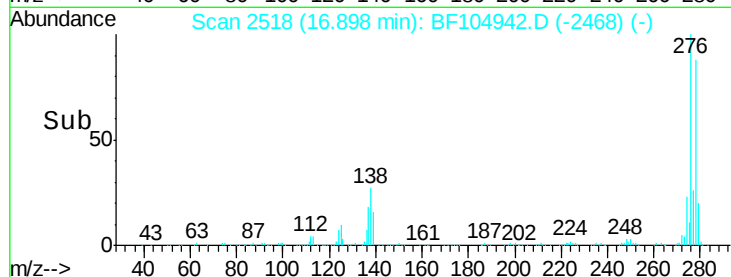
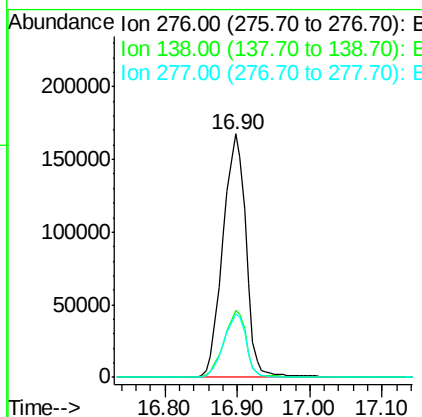
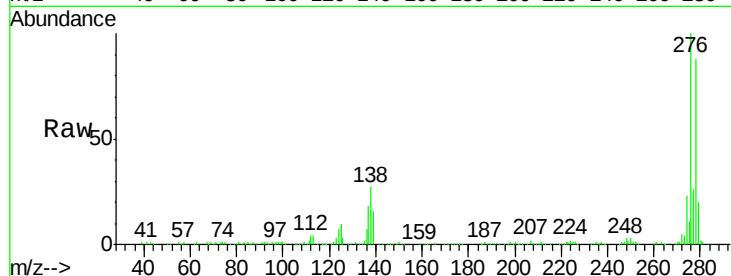




#85
Indeno(1,2,3-cd)pyrene
Concen: 32.68 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

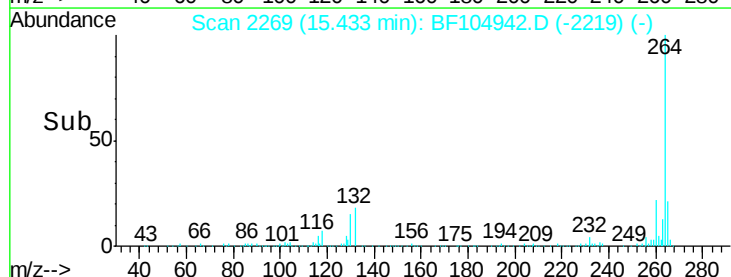
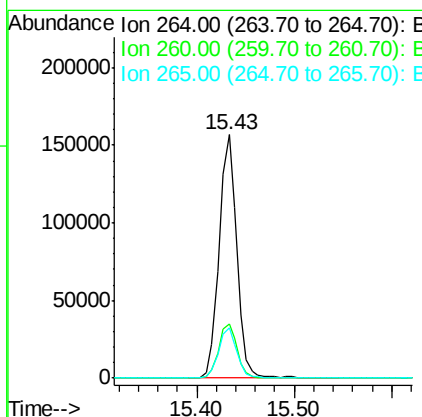
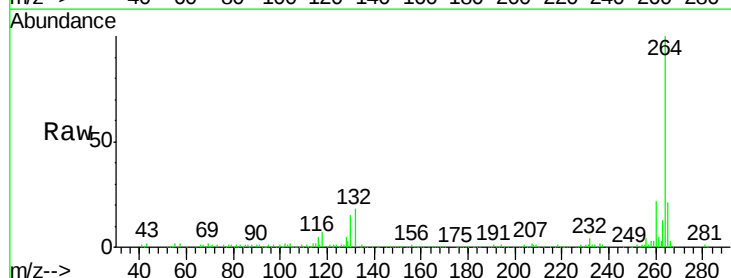
Instrument :
BNA_F
ClientSampleId :

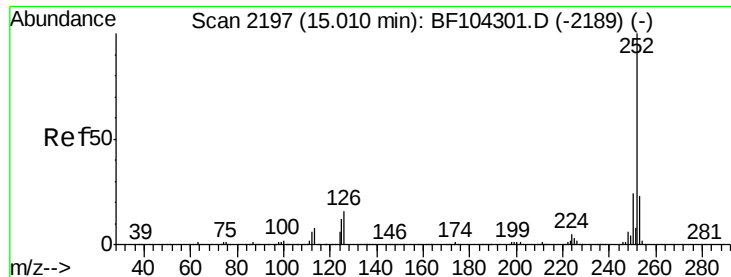
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.0	25.0	37.6
277	25.4	20.1	30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	20.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 32.77 ng

RT: 15.01 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

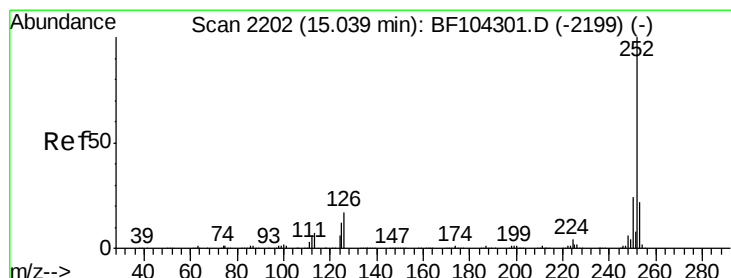
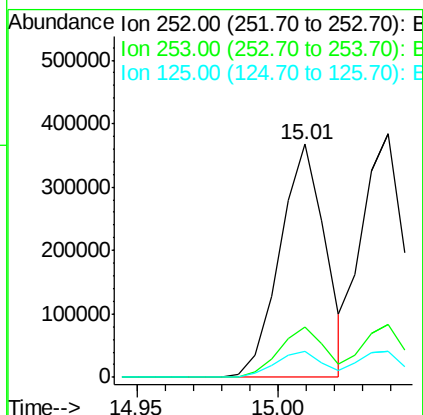
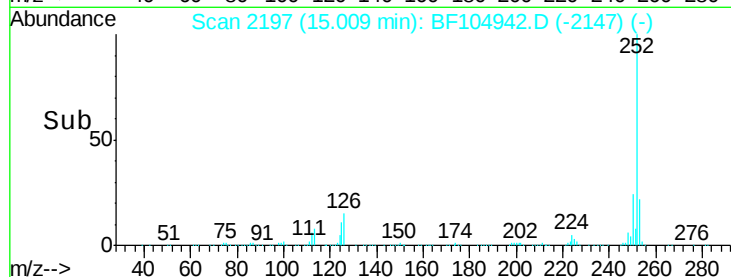
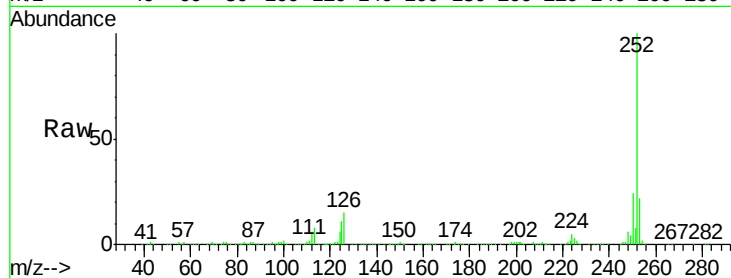
Tot Ion:252 Resp: 409835

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

125 11.4 9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 33.36 ng

RT: 15.04 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

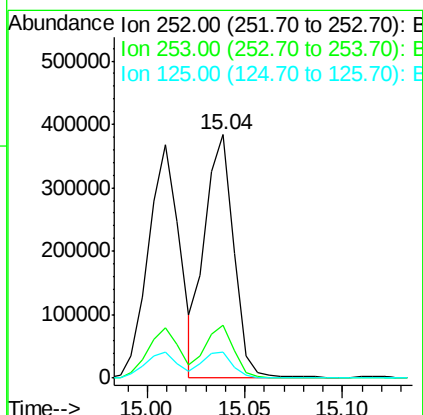
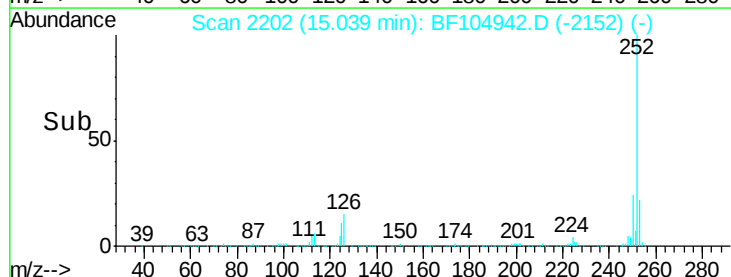
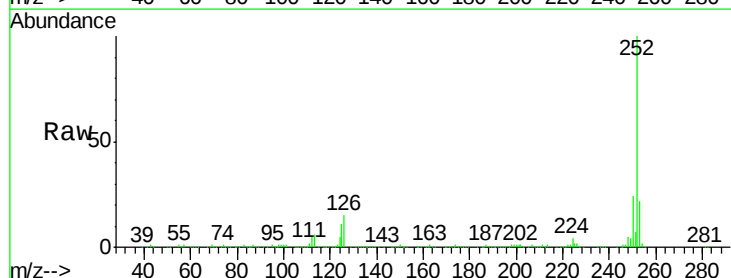
Tgt Ion:252 Resp: 393902

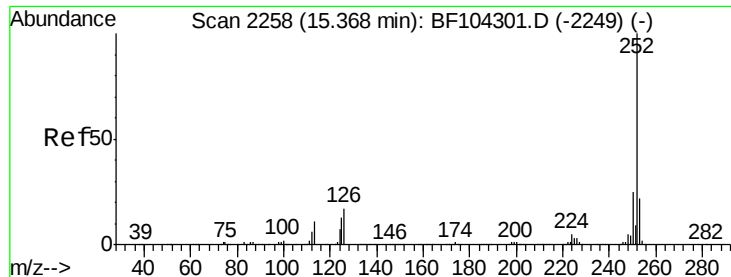
Ion Ratio Lower Upper

252 100

253 21.5 17.9 26.9

125 10.7 10.2 15.2

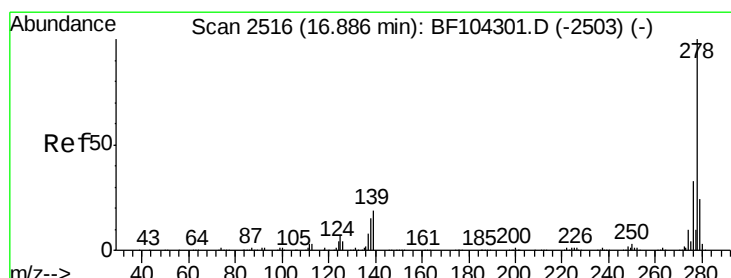
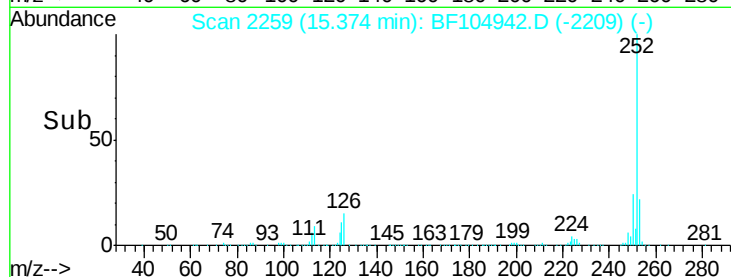
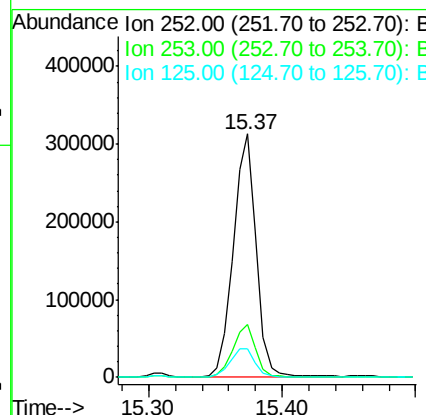
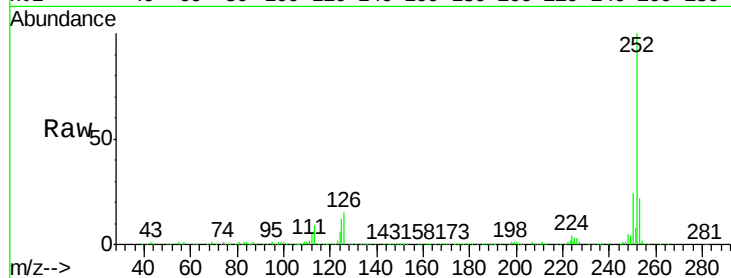




#89
Benzo(a)pyrene
Concen: 33.64 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

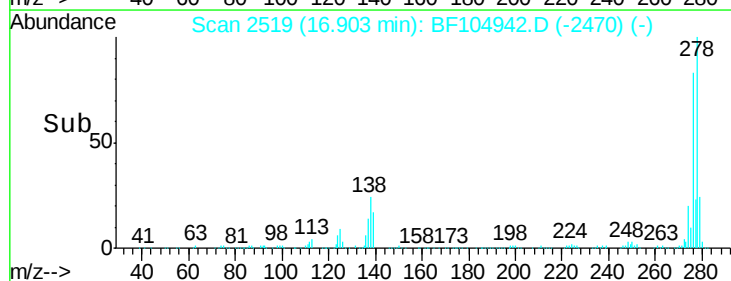
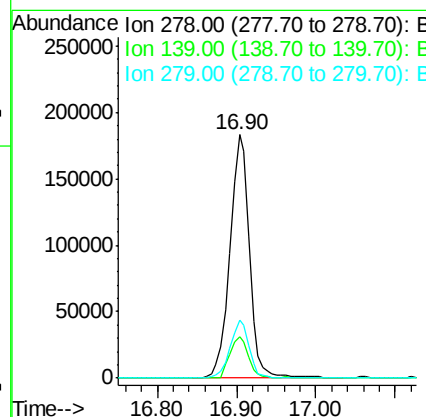
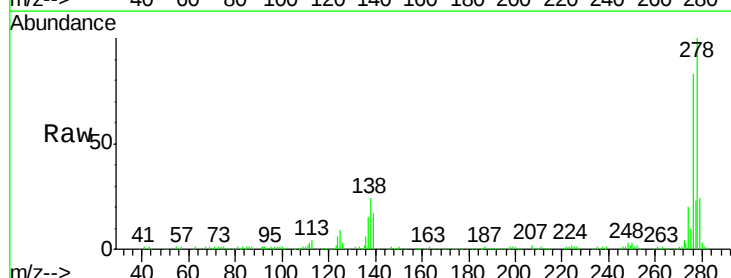
Instrument :
BNA_F
ClientSampleId :

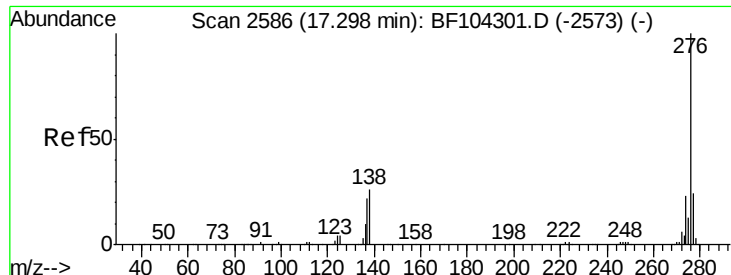
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	11.7	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 34.03 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	15.9	23.9
279	23.6	19.0	28.4

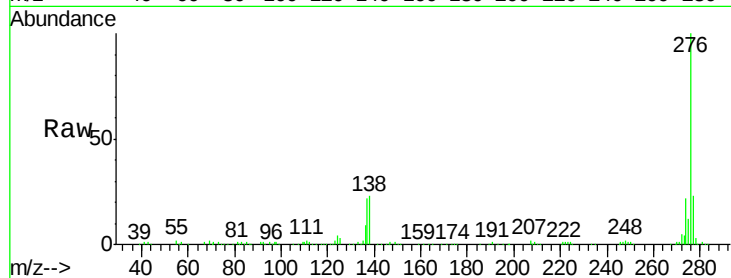




#91
 Benzo(a,h,i)perylene
 Concen: 33.68 ng
 RT: 17.33 min Scan# 2592
 Delta R.T. -0.02 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	299929
Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	23.3	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

