

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104618.D
 Acq On : 19 Apr 2018 9:21
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 14:44:05 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	180514	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	736394	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	336631	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	615388	20.00	ng	0.00
75) Chrysene-d12	13.99	240	458155	20.00	ng	0.00
86) Perylene-d12	15.44	264	400618	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	884729	74.94	ng	0.00
7) Phenol-d6	6.45	99	1105282	76.20	ng	0.00
23) Nitrobenzene-d5	7.38	82	1003479	88.98	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	287701	82.39	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1545755	72.54	ng	0.00
78) Terphenyl-d14	12.92	244	1501883	74.74	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	221342	40.237	ng	# 88
3) Pyridine	3.25	79	616684	39.873	ng	87
4) n-Nitrosodimethylamine	3.23	42	205229	37.960	ng	# 79
6) Aniline	6.47	93	753801	37.405	ng	97
8) 2-Chlorophenol	6.59	128	491927	39.479	ng	97
9) Benzaldehyde	6.36	77	276531	36.663	ng	98
10) Phenol	6.46	94	596954	38.787	ng	80
11) bis(2-Chloroethyl)ether	6.55	93	481020	39.165	ng	96
12) 1,3-Dichlorobenzene	6.75	146	546954	38.746	ng	99
13) 1,4-Dichlorobenzene	6.82	146	545925	38.796	ng	99
14) 1,2-Dichlorobenzene	6.98	146	502024	38.499	ng	98
15) Benzyl Alcohol	6.95	79	401300	36.425	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	608047	36.865	ng	88
17) 2-Methylphenol	7.07	107	430040	39.703	ng	95
18) Hexachloroethane	7.32	117	199292	39.723	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	325949	34.388	ng	95
20) 3+4-Methylphenols	7.22	107	471085	35.068	ng	# 68
22) Acetophenone	7.22	105	651353	35.928	ng	94
24) Nitrobenzene	7.40	77	522928	41.999	ng	96
25) Isophorone	7.63	82	926817	38.864	ng	99
26) 2-Nitrophenol	7.71	139	276266	54.503	ng	94
27) 2,4-Dimethylphenol	7.75	122	391471	37.195	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	564584	38.721	ng	98
29) 2,4-Dichlorophenol	7.95	162	395520	39.386	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	430640	39.075	ng	99
31) Naphthalene	8.12	128	1378789	37.601	ng	99
32) Benzoic acid	7.90	122	331434	39.468	ng	99
33) 4-Chloroaniline	8.16	127	629494	40.071	ng	99
34) Hexachlorobutadiene	8.23	225	233911	38.749	ng	99
35) Caprolactam	8.56	113	144642	41.288	ng	# 81
36) 4-Chloro-3-methylphenol	8.65	107	428872	39.829	ng	98
37) 2-Methylnaphthalene	8.80	142	904567	38.137	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	388661	40.333	ng	99
40) Hexachlorocyclopentadiene	8.95	237	191023	35.409	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	271335	40.562	nq	97
43) 2,4,5-Trichlorophenol	9.13	196	306183	40.903	nq	96
45) 1,1'-Biphenyl	9.27	154	1082612	38.283	nq	99
46) 2-Chloronaphthalene	9.30	162	867803	38.850	nq	99
47) 2-Nitroaniline	9.40	65	282856	51.205	nq	92
48) Acenaphthylene	9.71	152	1314058	37.495	nq	99
49) Dimethylphthalate	9.57	163	1050535	39.574	nq	100
50) 2,6-Dinitrotoluene	9.64	165	233379	47.512	nq	96
51) Acenaphthene	9.89	154	769245	35.975	nq	99
52) 3-Nitroaniline	9.81	138	279094	48.534	nq	98
53) 2,4-Dinitrophenol	9.92	184	107556	60.290	nq	# 18
54) Dibenzofuran	10.06	168	1084675	36.399	nq	98
55) 4-Nitrophenol	9.97	139	201368	44.578	nq	87
56) 2,4-Dinitrotoluene	10.05	165	295676	45.890	nq	95
57) Fluorene	10.40	166	853134	39.333	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	222574	39.855	nq	95
59) Diethylphthalate	10.27	149	987889	37.366	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	386586	40.021	nq	100
61) 4-Nitroaniline	10.43	138	285724	50.816	nq	97
62) Azobenzene	10.55	77	914604	36.210	nq	94
64) 4,6-Dinitro-2-methylphenol	10.46	198	167427	54.660	nq	# 73
65) n-Nitrosodiphenylamine	10.51	169	803278	37.647	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	253621	38.746	nq	90
67) Hexachlorobenzene	10.95	284	289223	39.268	nq	# 90
68) Atrazine	11.04	200	250780	38.938	nq	99
69) Pentachlorophenol	11.14	266	169476	37.194	nq	97
70) Phenanthrene	11.36	178	1251628	36.522	nq	99
71) Anthracene	11.42	178	1279875	36.740	nq	100
72) Carbazole	11.57	167	1280105	37.604	nq	100
73) Di-n-butylphthalate	11.89	149	1465650	35.246	nq	100
74) Fluoranthene	12.55	202	1320353	36.875	nq	99
76) Benzidine	12.67	184	647844	42.429	nq	99
77) Pyrene	12.78	202	1357859	39.984	nq	99
79) Butylbenzylphthalate	13.40	149	633498	39.596	nq	98
80) Benzo(a)anthracene	13.97	228	1138988	41.613	nq	100
81) 3,3'-Dichlorobenzidine	13.94	252	403968	39.584	nq	97
82) Chrysene	14.02	228	1079875	38.411	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	811518	39.435	nq	99
84) Di-n-octyl phthalate	14.57	149	1246259	36.244	nq	95
85) Indeno(1,2,3-cd)pyrene	16.91	276	955627	40.014	nq	97
87) Benzo(b)fluoranthene	15.03	252	1010543	39.939	nq	98
88) Benzo(k)fluoranthene	15.06	252	921530	38.578	nq	98
89) Benzo(a)pyrene	15.39	252	890375	39.329	nq	99
90) Dibenzo(a,h)anthracene	16.93	278	782020	42.058	nq	97
91) Benzo(g,h,i)perylene	17.35	276	781168	43.364	nq	96

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

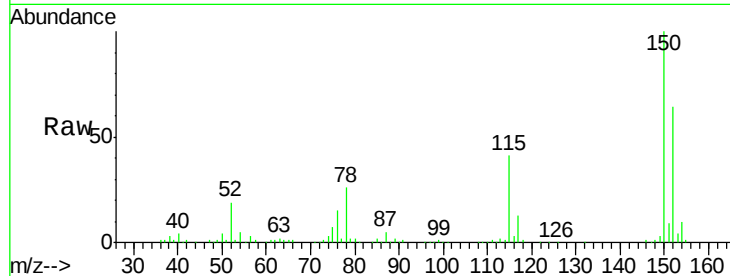


#1

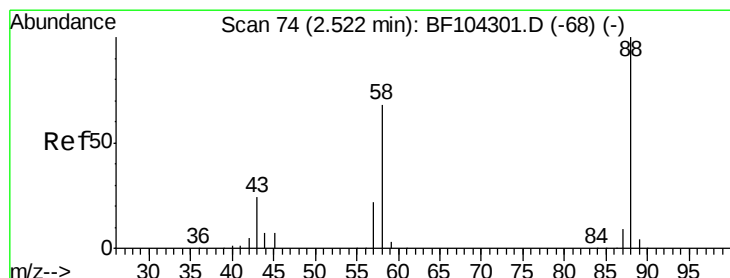
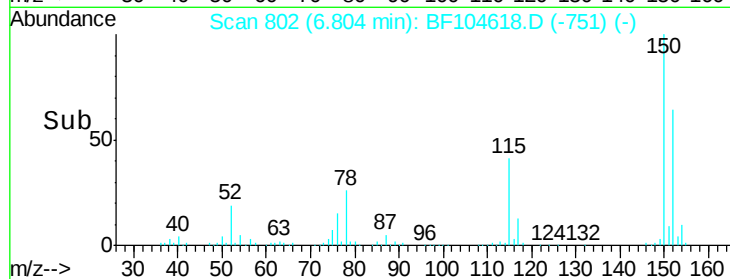
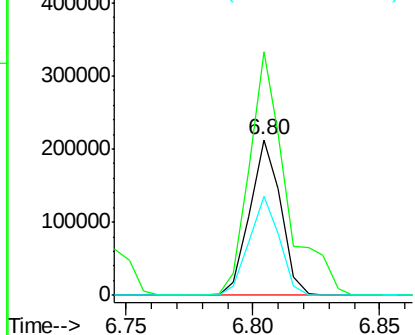
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 180514
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 63.9 50.1 75.1



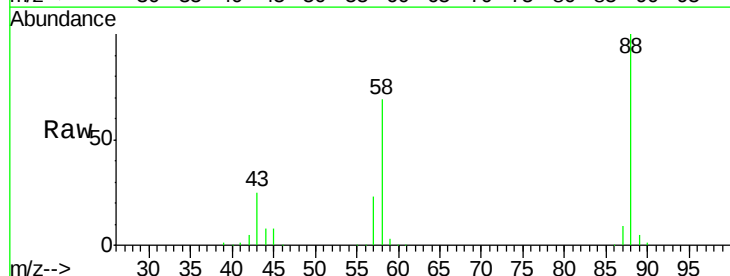
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



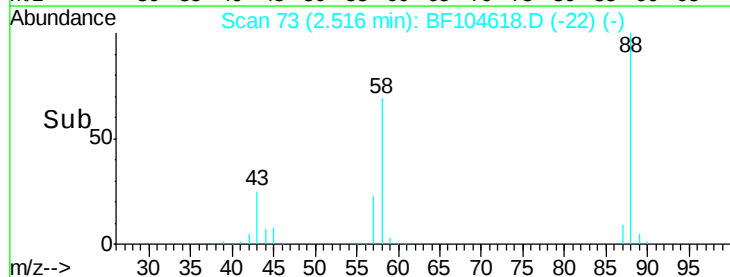
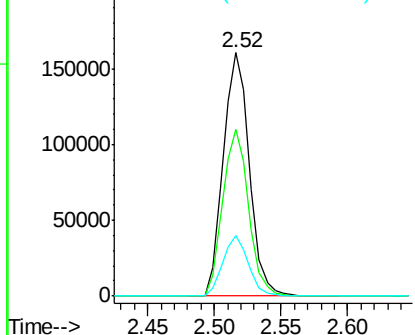
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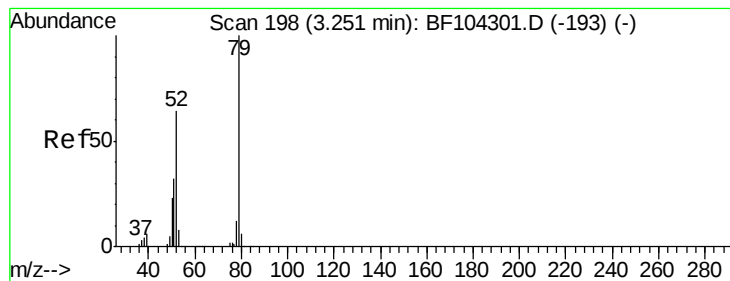
1,4-Dioxane
Concen: 40.237 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

Tgt Ion: 88 Resp: 221342
Ion Ratio Lower Upper
88 100
58 67.9 62.6 93.8
43 24.2 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: 39.873 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

Instrument :

BNA_F

ClientSampleId :

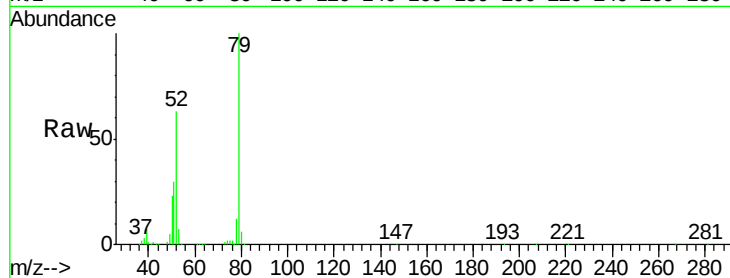
Tot Ion: 79 Resp: 616684

Ion Ratio Lower Upper

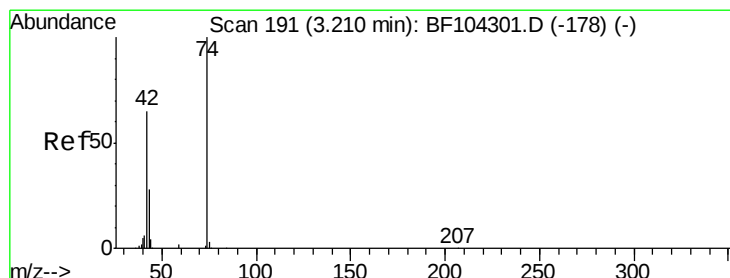
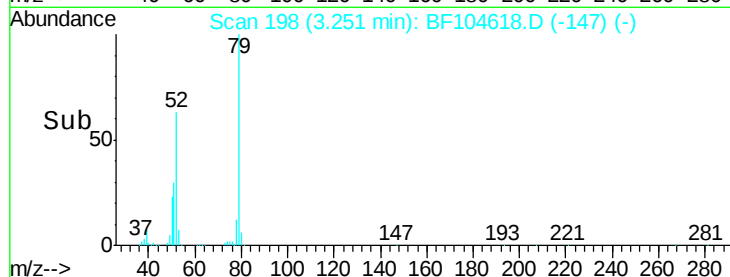
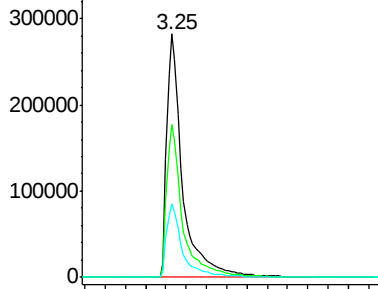
79 100

52 62.8 59.8 89.6

51 30.0 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: 37.960 ng

RT: 3.23 min Scan# 194

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

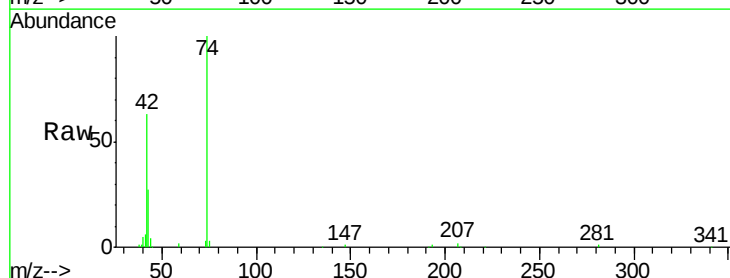
Tgt Ion: 42 Resp: 205229

Ion Ratio Lower Upper

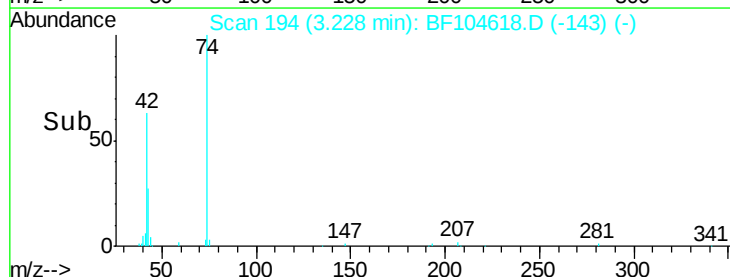
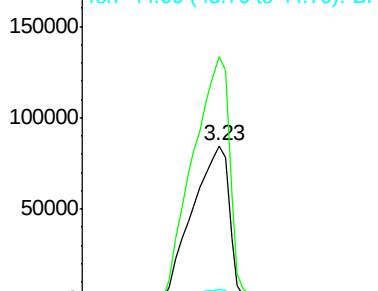
42 100

74 157.5 104.9 157.3#

44 7.0 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: 74.942 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

Instrument :
BNA_F
ClientSampled :

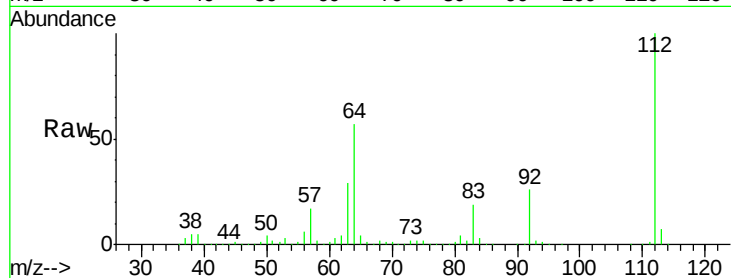
Tot Ion: 112 Resp: 884729

Ion Ratio Lower Upper

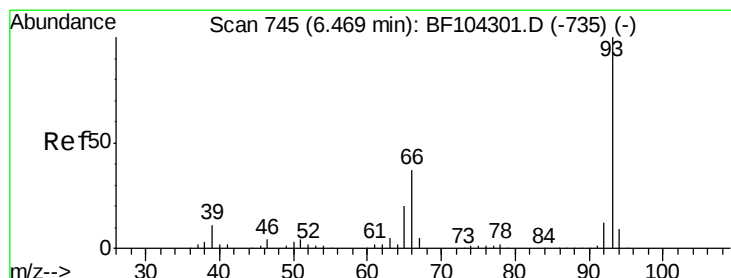
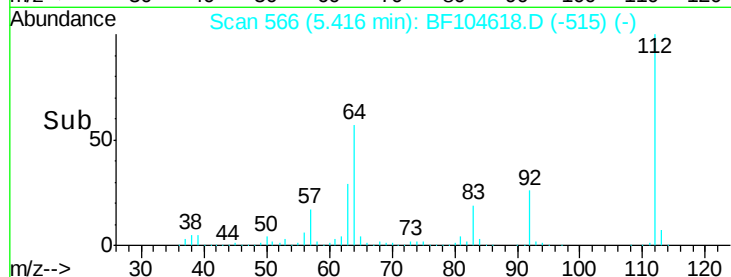
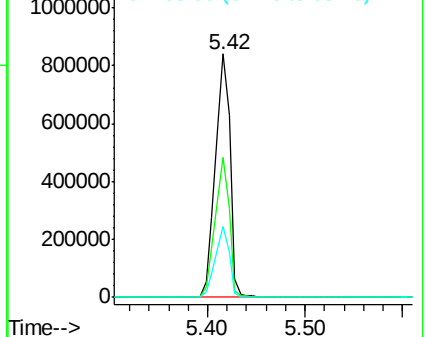
112 100

64 57.4 47.9 71.9

63 29.1 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: 37.405 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

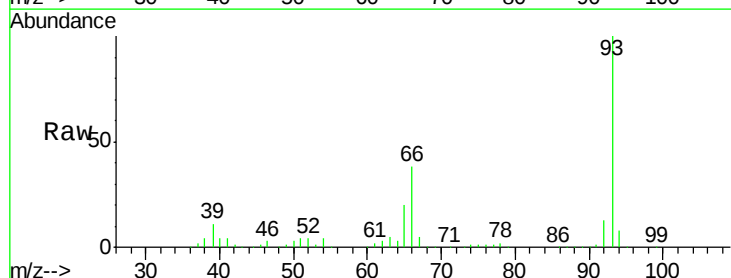
Tgt Ion: 93 Resp: 753801

Ion Ratio Lower Upper

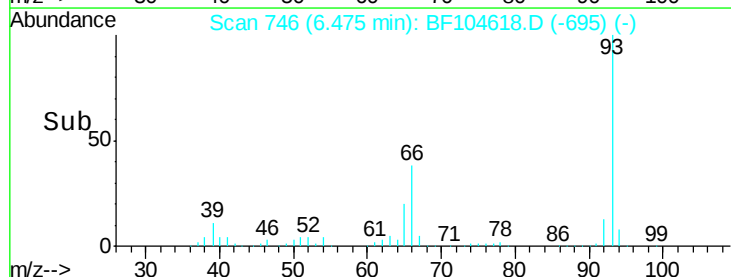
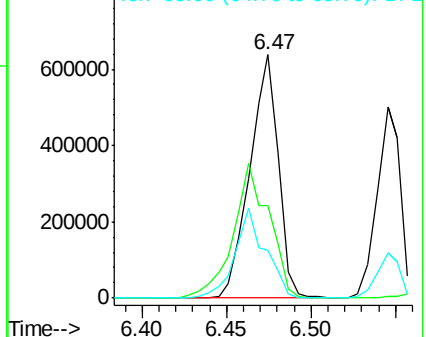
93 100

66 38.2 32.2 48.2

65 19.7 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.199 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

Instrument :

BNA_F

ClientSampled :

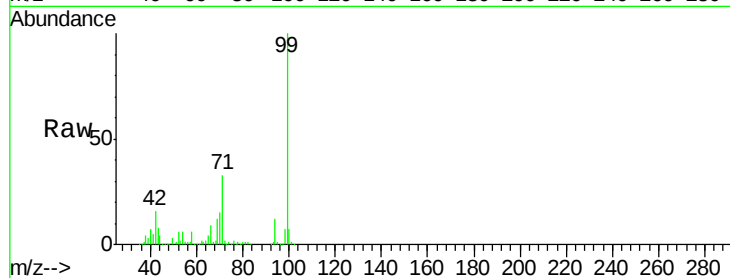
Tot Ion: 99 Resp: 1105282

Ion Ratio Lower Upper

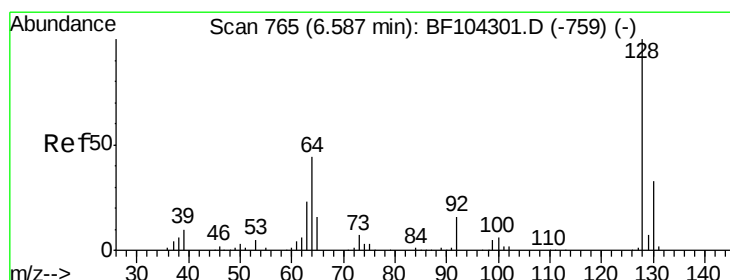
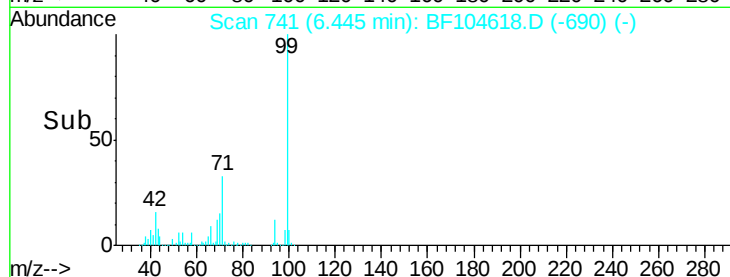
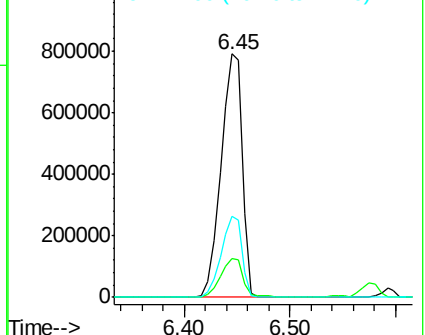
99 100

42 15.8 14.5 21.7

71 33.1 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: 39.479 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

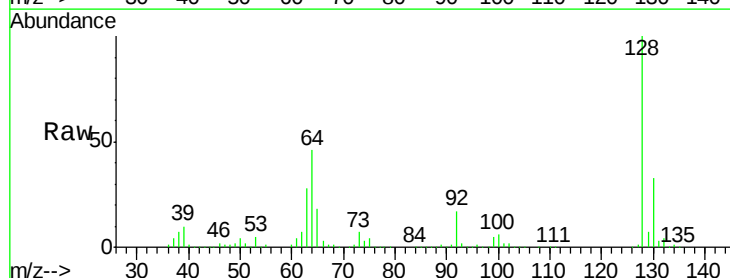
Tgt Ion: 128 Resp: 491927

Ion Ratio Lower Upper

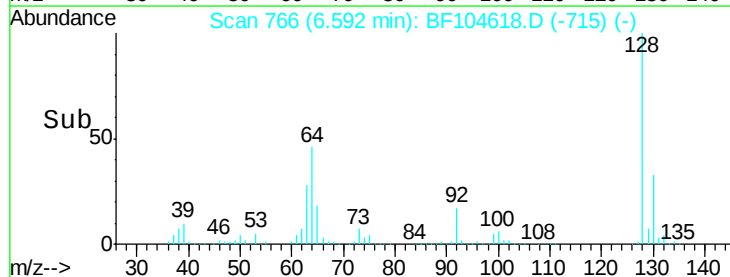
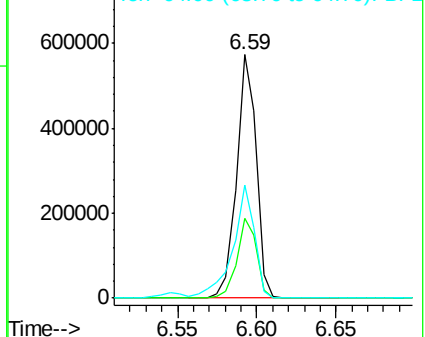
128 100

130 32.5 13.0 53.0

64 46.2 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

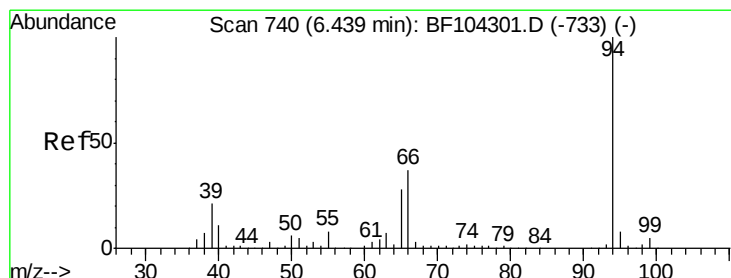
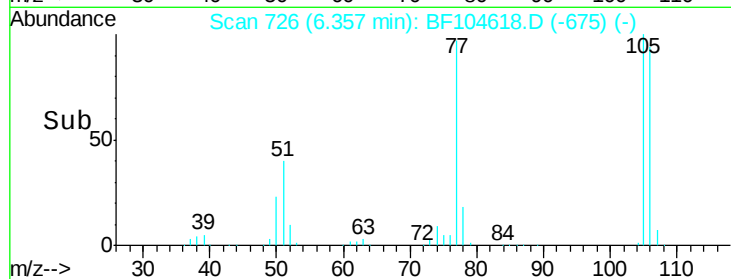
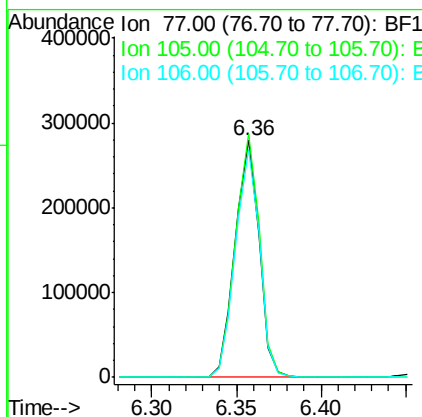
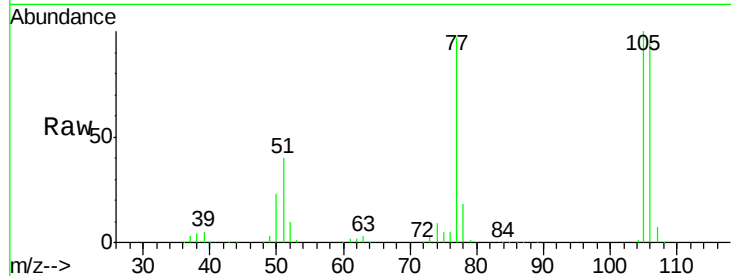




#9
Benzaldehyde
Concen: 36.663 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

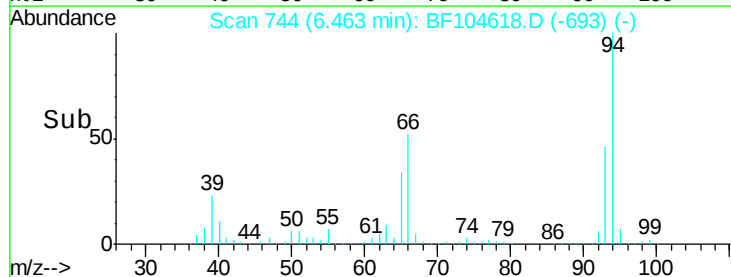
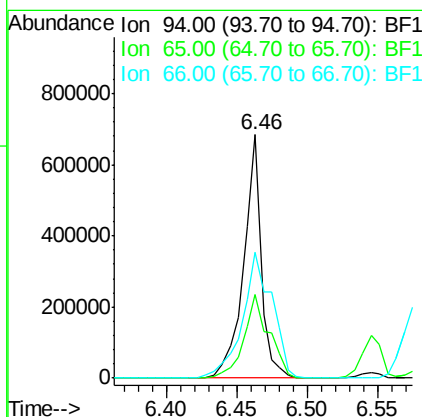
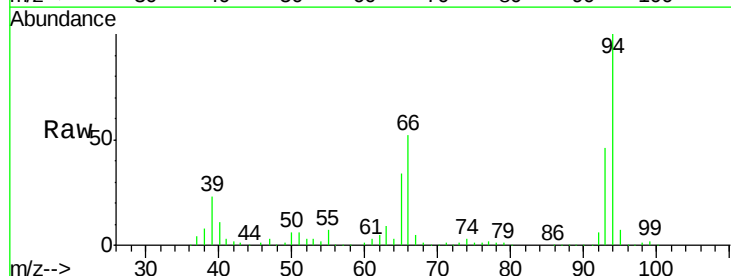
Instrument :
BNA_F
ClientSampleId :

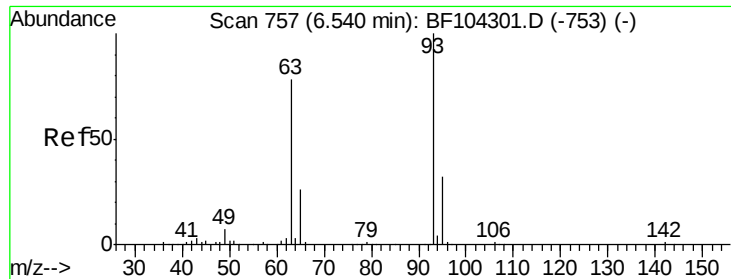
Tot Ion: 77 Resp: 276531
Ion Ratio Lower Upper
77 100
105 102.9 81.1 121.1
106 96.3 74.5 114.5



#10
Phenol
Concen: 38.787 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

Tgt Ion: 94 Resp: 596954
Ion Ratio Lower Upper
94 100
65 34.4 7.9 47.9
66 51.6 16.2 56.2

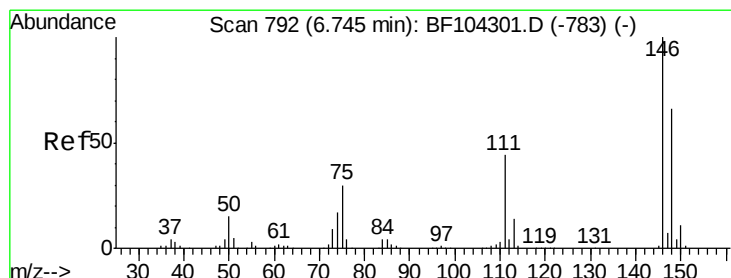
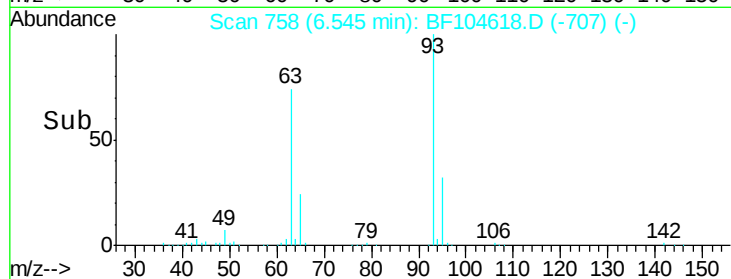
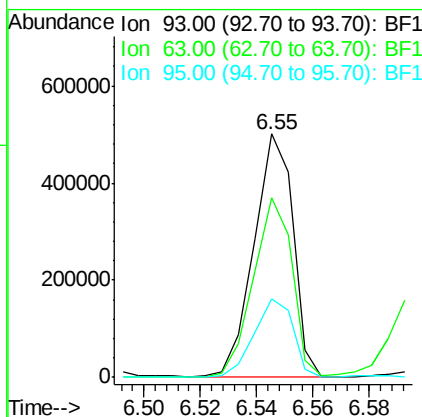
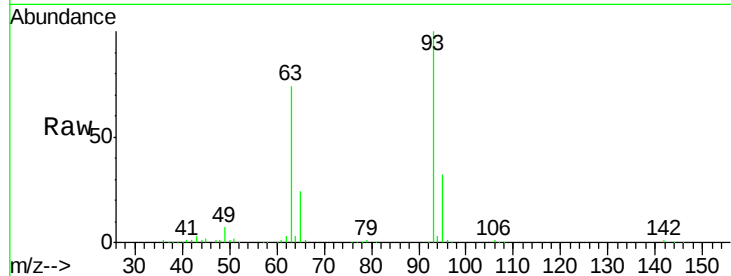




#11
bis(2-Chloroethyl)ether
Concen: 39.165 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

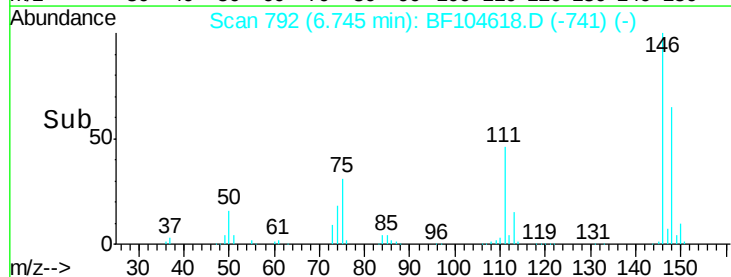
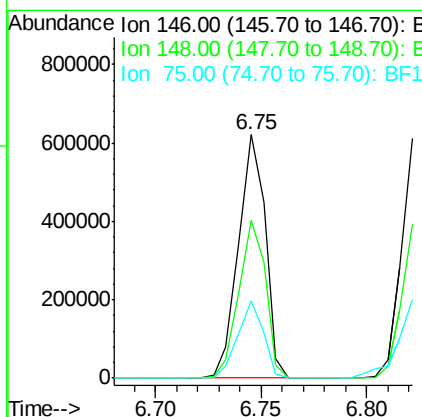
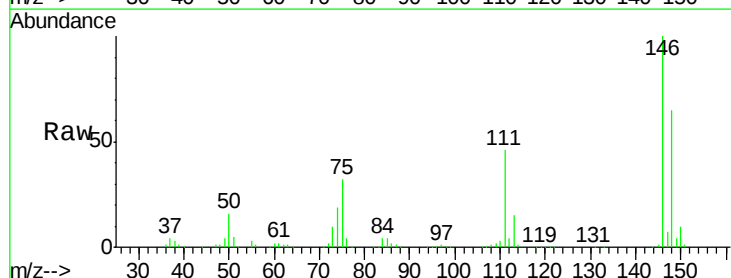
Instrument :
BNA_F
ClientSampleId :

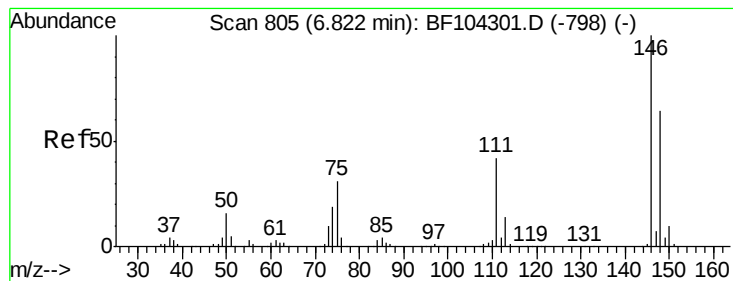
Tot Ion: 93 Resp: 481020
Ion Ratio Lower Upper
93 100
63 73.7 58.6 98.6
95 32.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.746 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

Tgt Ion: 146 Resp: 546954
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
75 31.6 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 38.796 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

Instrument :

BNA_F

ClientSampled :

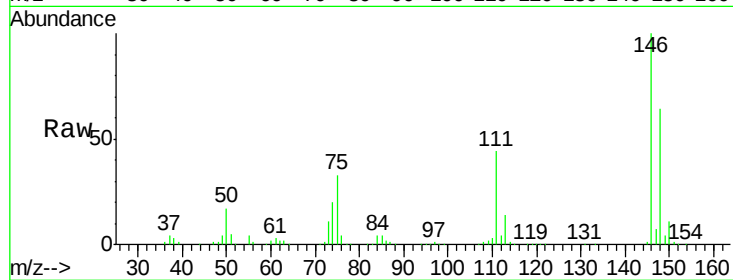
Tot Ion:146 Resp: 545925

Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

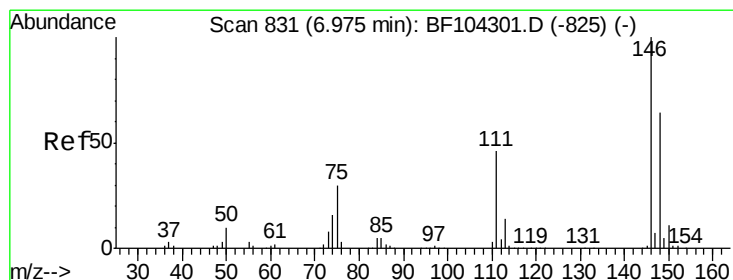
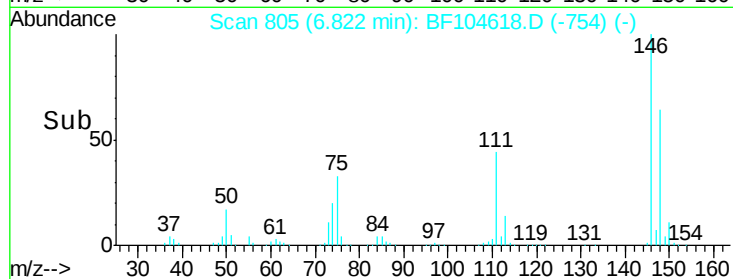
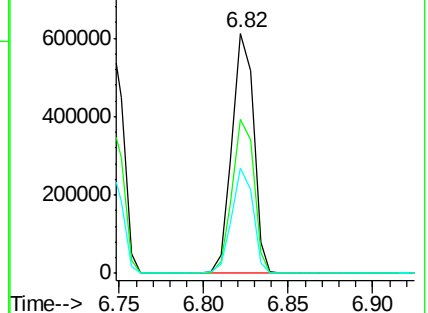
111 44.0 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.499 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

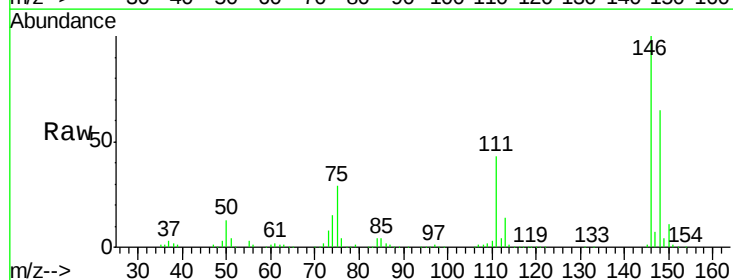
Tgt Ion:146 Resp: 502024

Ion Ratio Lower Upper

146 100

148 64.6 50.6 75.8

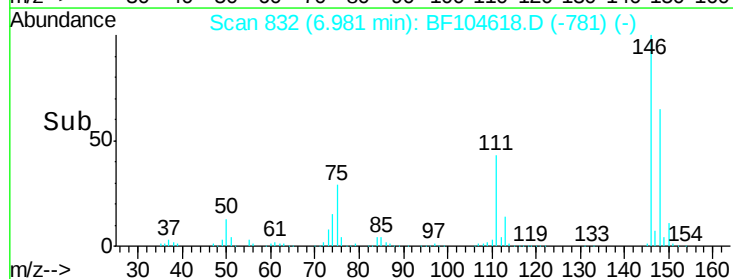
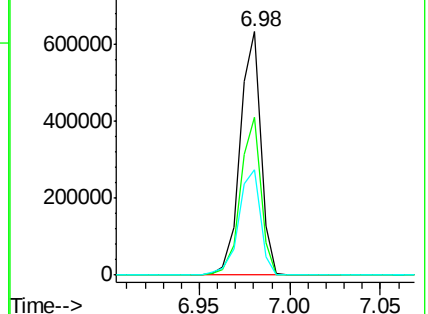
111 43.5 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.425 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

Instrument :

BNA_F

ClientSampled :

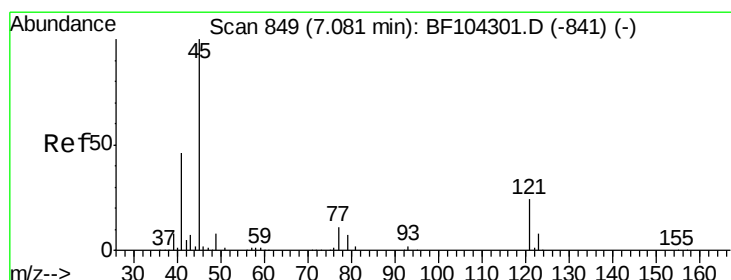
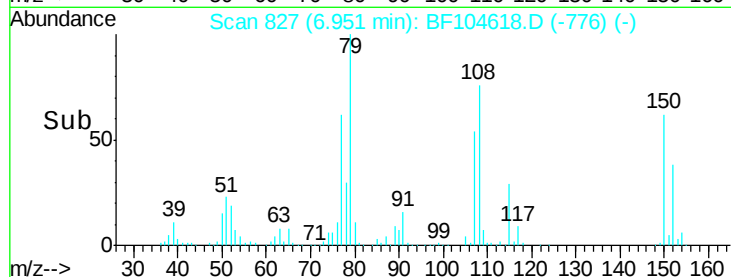
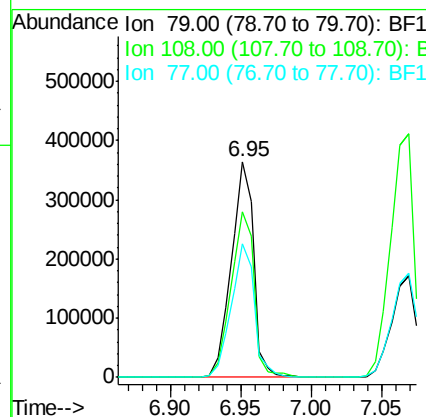
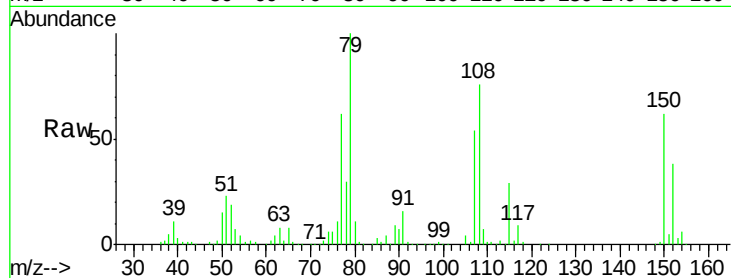
Tot Ion: 79 Resp: 401300

Ion Ratio Lower Upper

79 100

108 76.4 65.1 97.7

77 61.8 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.865 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

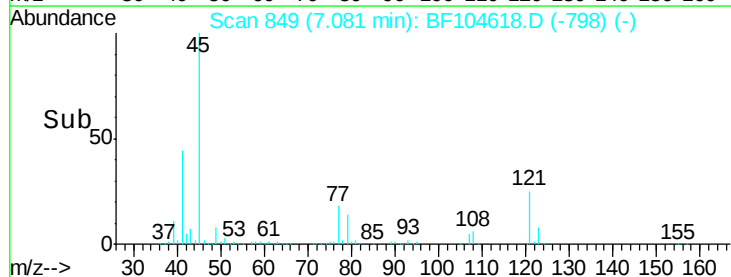
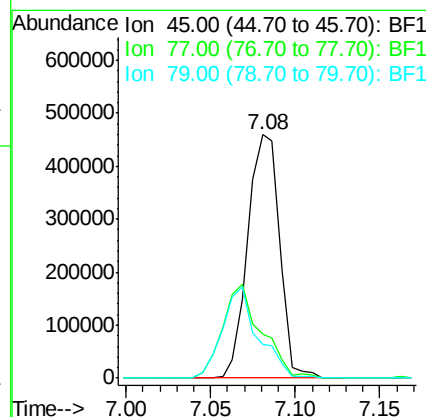
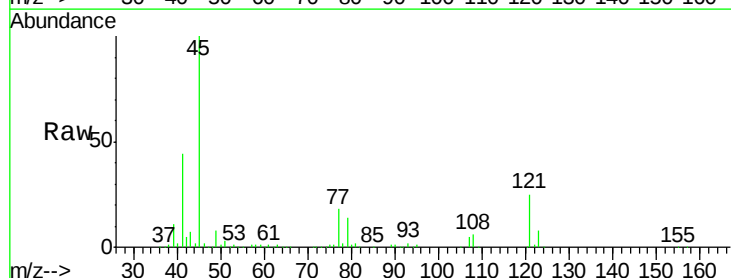
Tgt Ion: 45 Resp: 608047

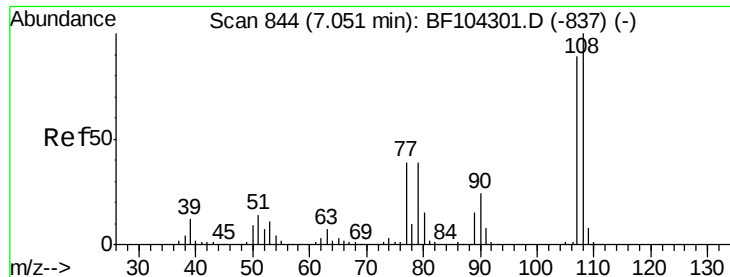
Ion Ratio Lower Upper

45 100

77 17.9 0.0 32.9

79 13.6 0.0 29.6

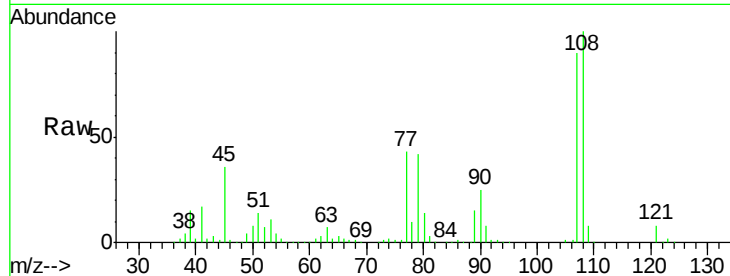




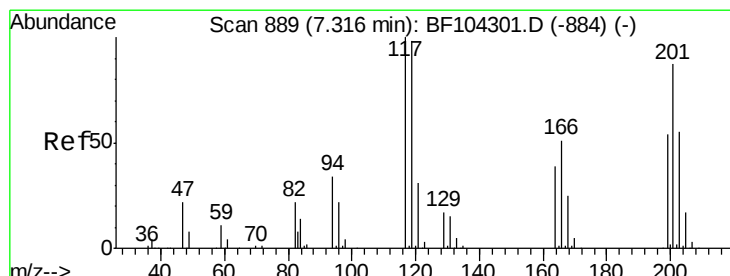
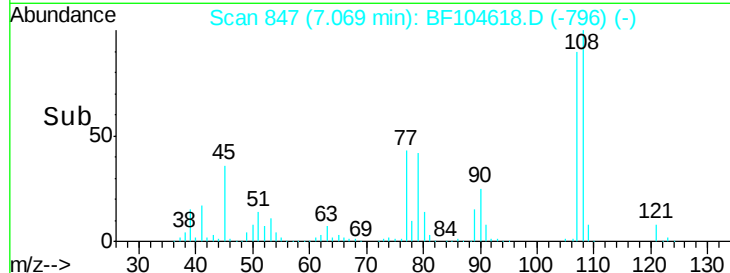
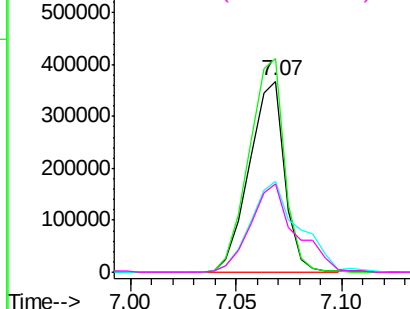
#17
2-Methylphenol
Concen: 39.703 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 430040
Ion Ratio Lower Upper
107 100
108 111.7 91.7 137.5
77 47.8 33.8 50.8
79 46.5 33.8 50.8

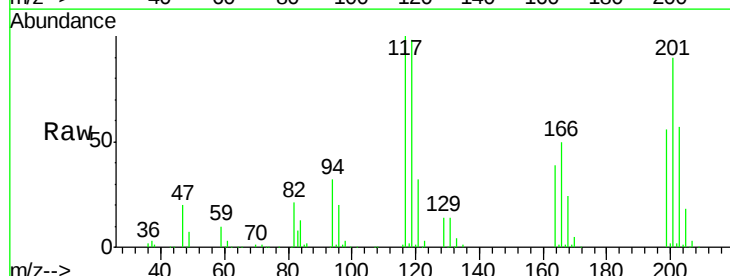


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

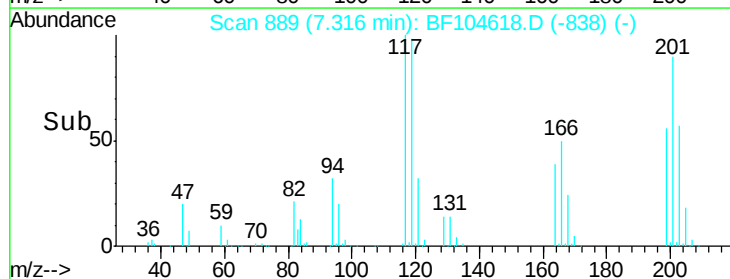
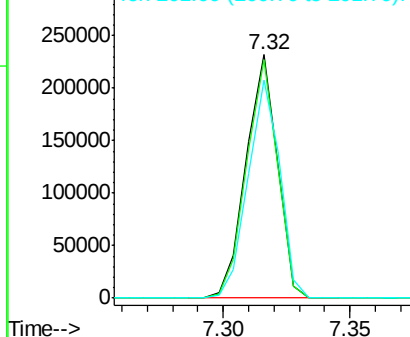


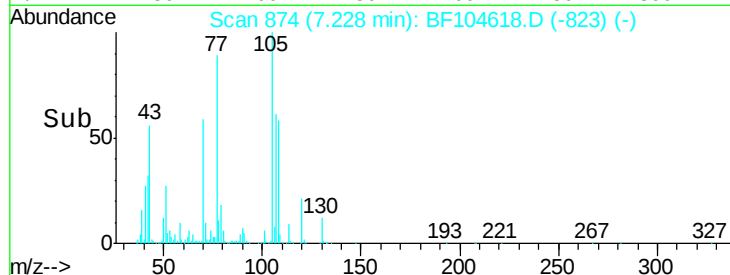
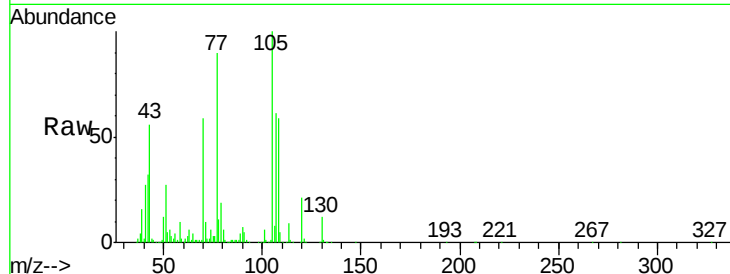
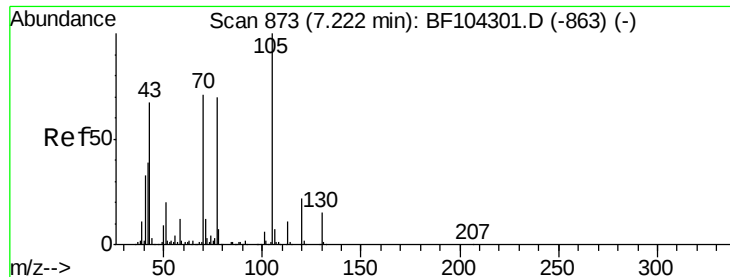
#18
Hexachloroethane
Concen: 39.723 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

Tgt Ion:117 Resp: 199292
Ion Ratio Lower Upper
117 100
119 98.1 75.8 113.8
201 89.6 75.7 113.5



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

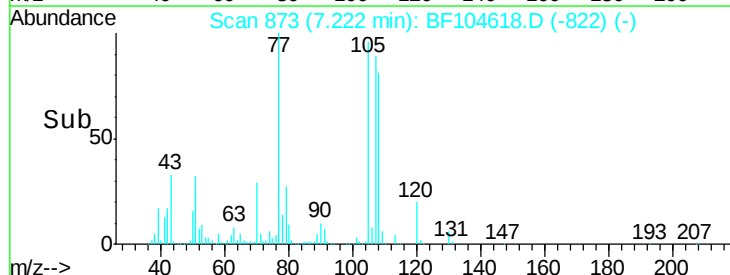
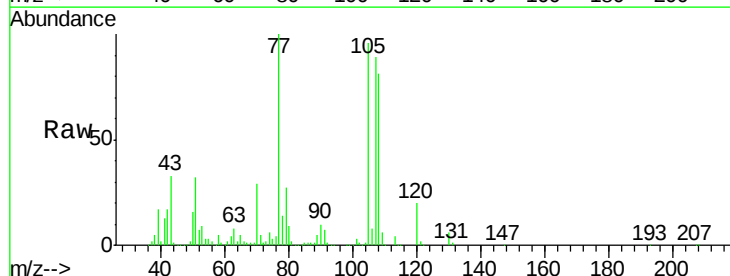
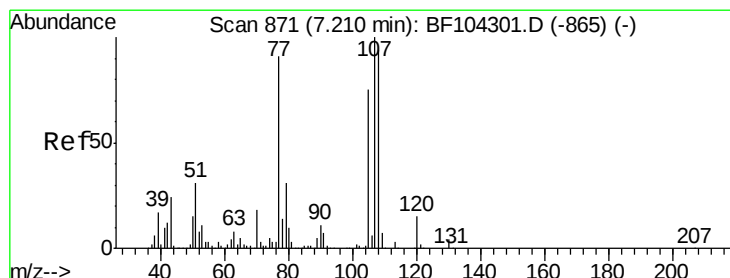
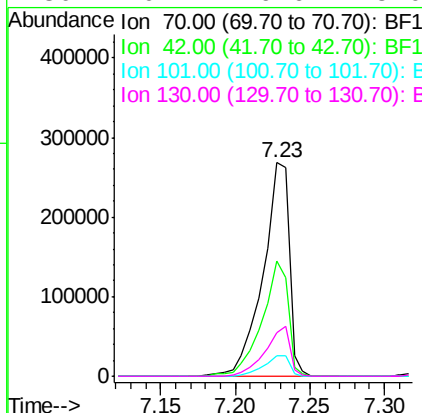




#19
n-Nitroso-di-n-propylamine
Concen: 34.388 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

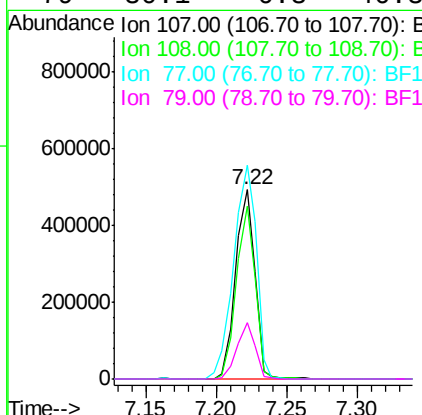
Instrument :
BNA_F
ClientSampleId :

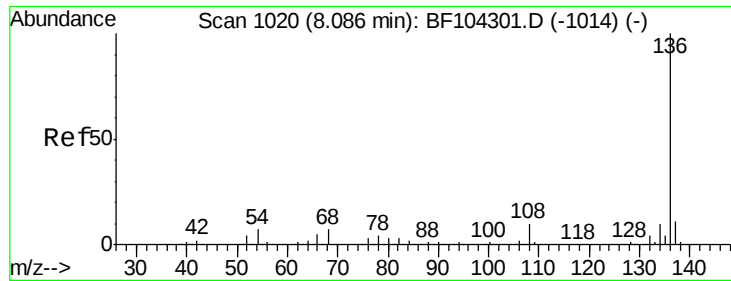
Tot Ion	70	Resp	325949
Ion	Ratio	Lower	Upper
70	100		
42	53.9	47.5	71.3
101	9.4	7.4	11.2
130	20.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.068 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

Tgt Ion	107	Resp	471085
Ion	Ratio	Lower	Upper
107	100		
108	91.0	68.2	108.2
77	112.8	26.7	66.7#
79	30.1	6.3	46.3

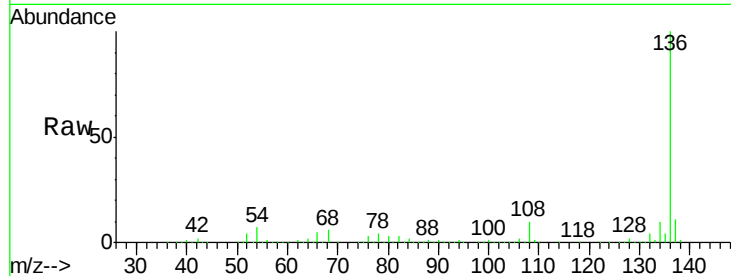




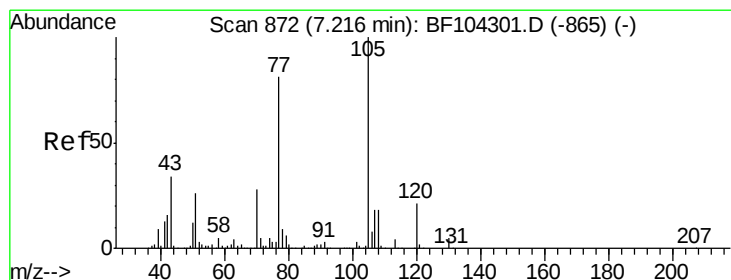
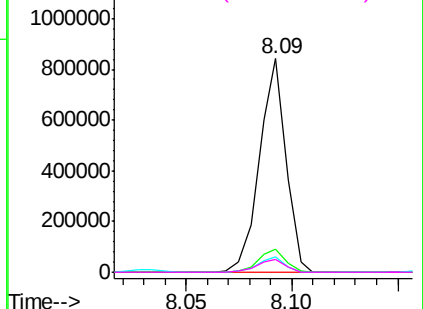
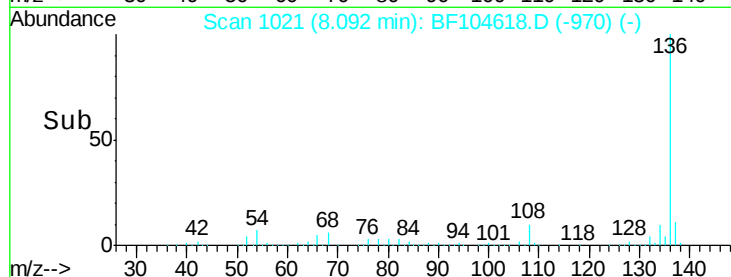
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	736394
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.9	13.3
54 6.9	6.6	9.8
68 6.2	5.0	7.4

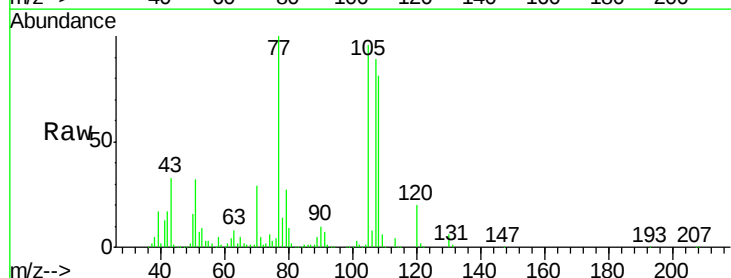


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

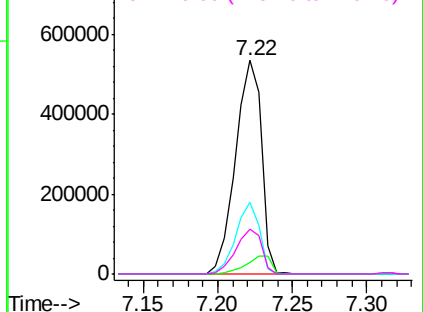
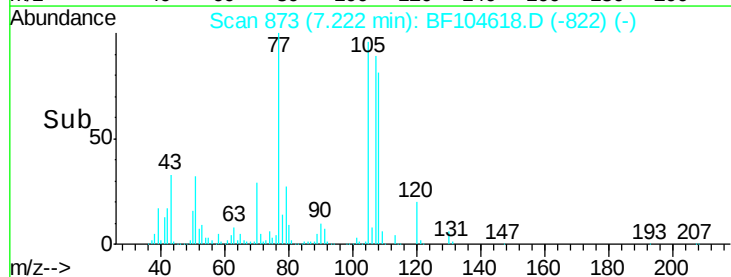


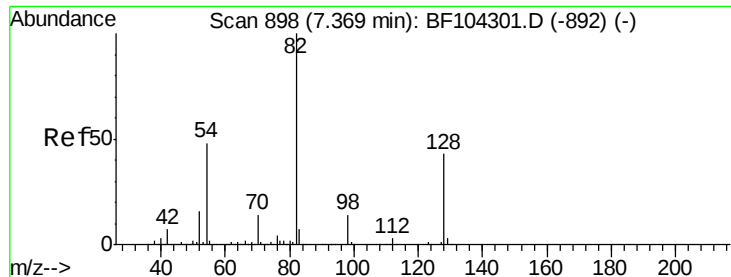
#22
Acetophenone
Concen: 35.928 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

Tgt Ion:105	Resp:	651353
Ion Ratio	Lower	Upper
105 100		
71 5.1	4.4	6.6
51 33.5	22.3	33.5
120 20.8	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

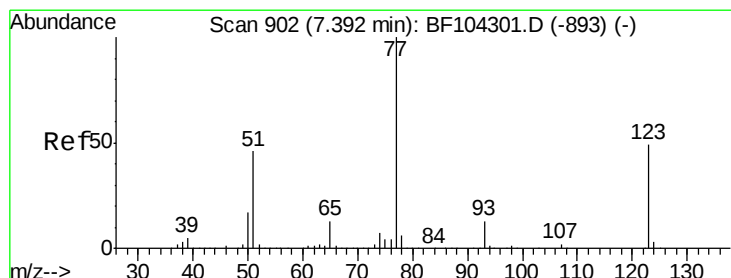
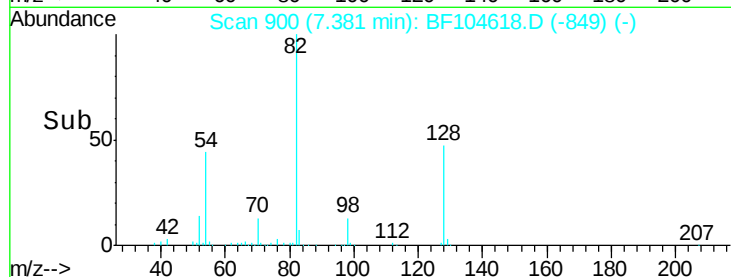
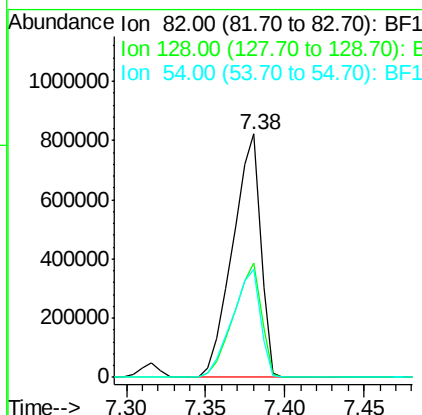
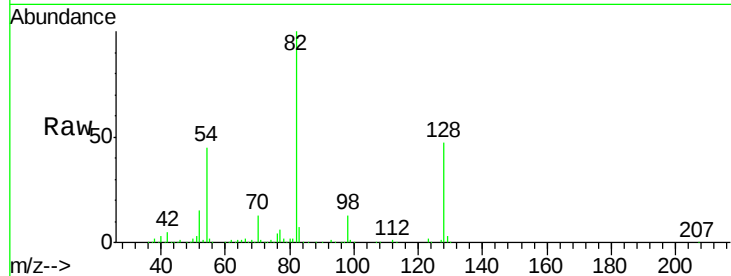




#23
 Nitrobenzene-d5
 Concen: 88.981 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF104618.D
 Acq: 19 Apr 2018 9:21

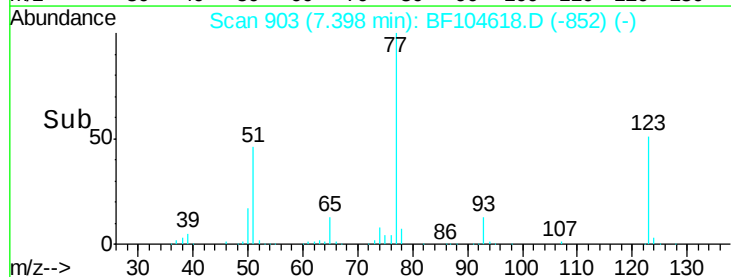
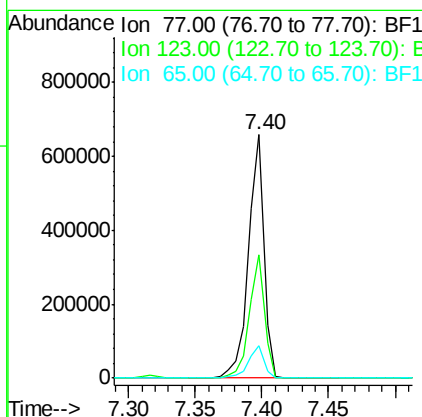
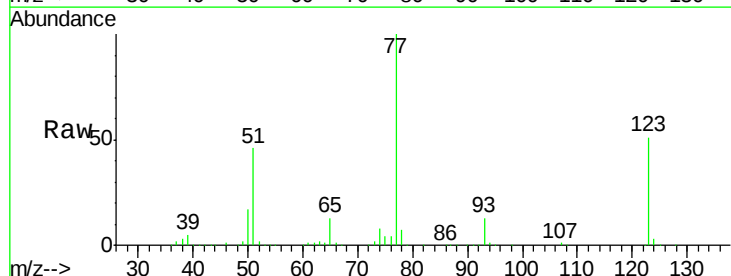
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1003479
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.1 54.1
 54 44.6 41.4 62.2



#24
 Nitrobenzene
 Concen: 41.999 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF104618.D
 Acq: 19 Apr 2018 9:21

Tgt Ion: 77 Resp: 522928
 Ion Ratio Lower Upper
 77 100
 123 50.5 37.9 56.9
 65 13.2 11.0 16.4

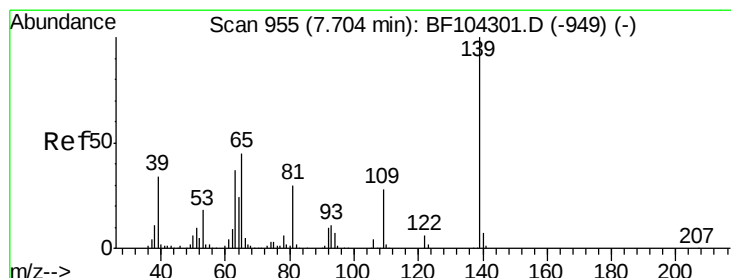
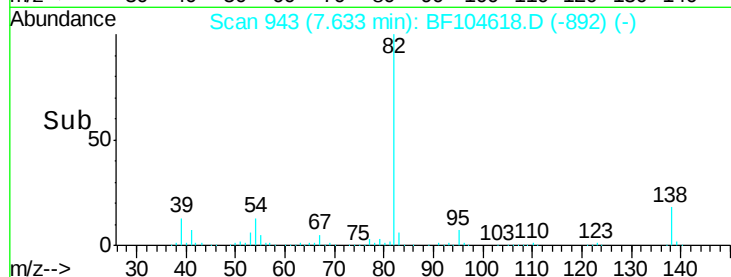
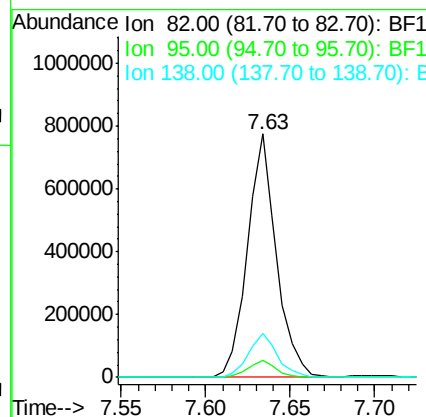
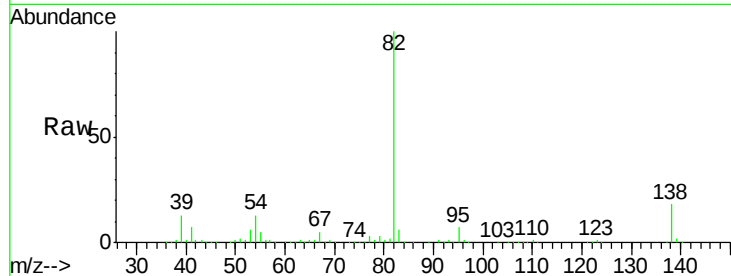




#25
Isophorone
Concen: 38.864 ng
RT: 7.63 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

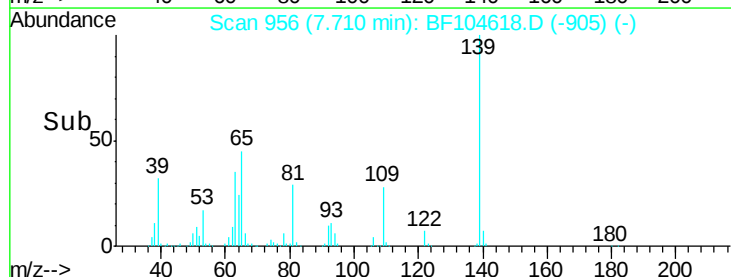
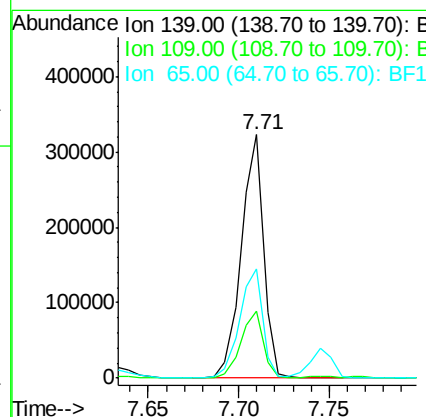
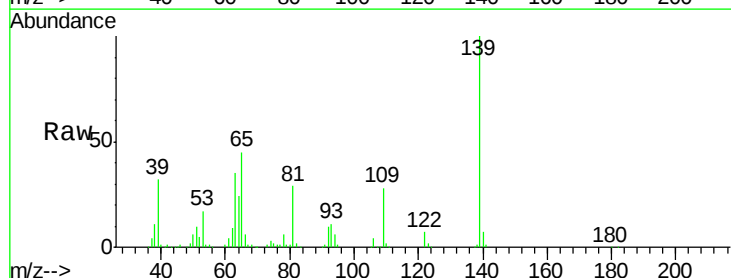
Instrument :
BNA_F
ClientSampleId :

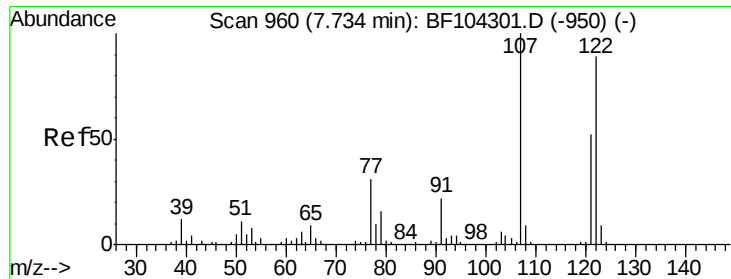
Tot Ion: 82 Resp: 926817
Ion Ratio Lower Upper
82 100
95 7.0 5.2 7.8
138 18.2 14.9 22.3



#26
2-Nitrophenol
Concen: 54.503 ng
RT: 7.71 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

Tgt Ion: 139 Resp: 276266
Ion Ratio Lower Upper
139 100
109 27.7 22.7 34.1
65 44.8 40.5 60.7

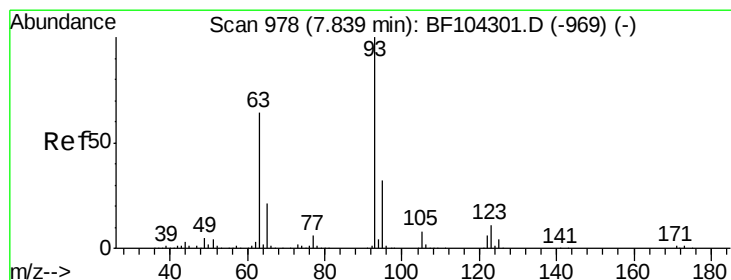
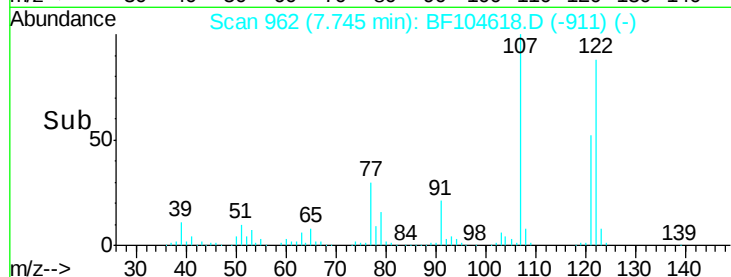
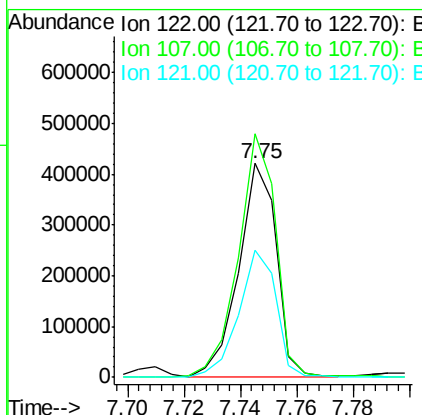
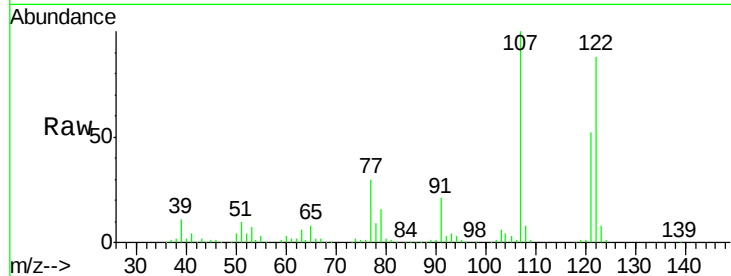




#27
 2,4-Dimethylphenol
 Concen: 37.195 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF104618.D
 Acq: 19 Apr 2018 9:21

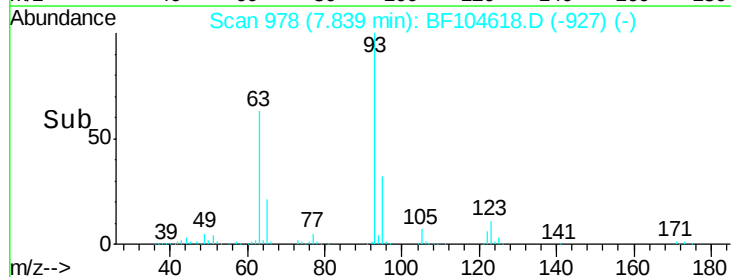
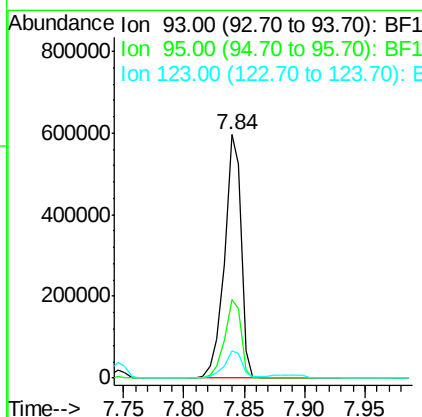
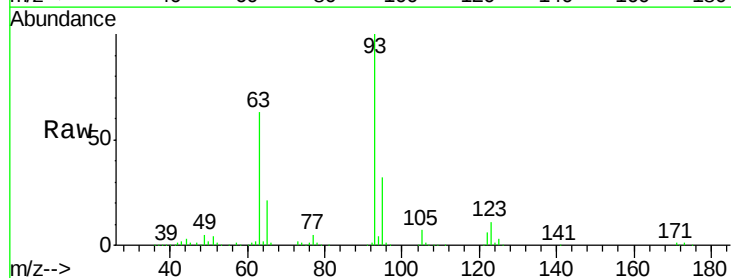
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 391471
 Ion Ratio Lower Upper
 122 100
 107 113.8 91.2 136.8
 121 59.3 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.721 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF104618.D
 Acq: 19 Apr 2018 9:21

Tgt Ion: 93 Resp: 564584
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.3 39.5
 123 11.2 9.8 14.6

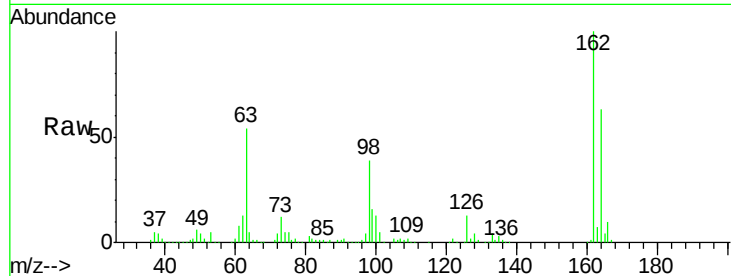




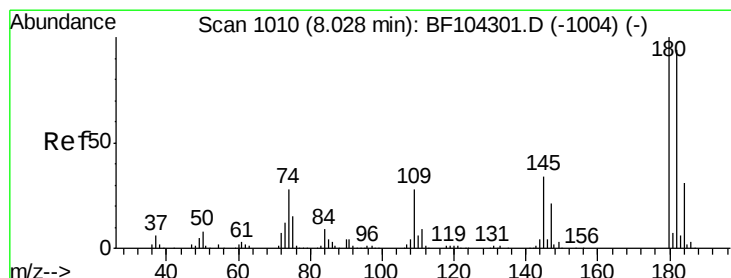
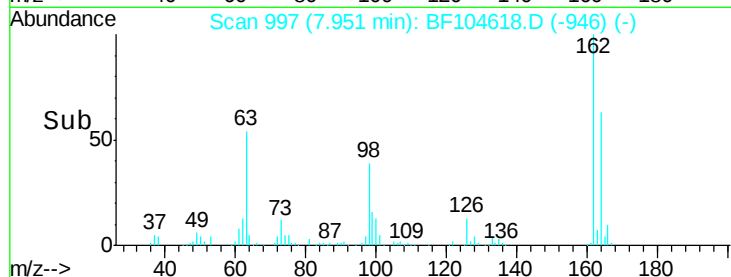
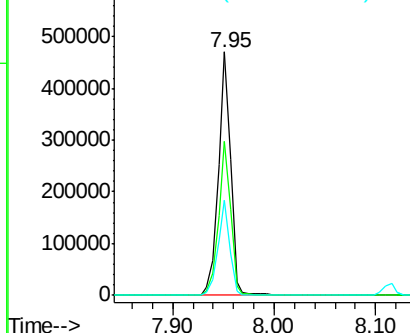
#29
2,4-Dichlorophenol
Concen: 39.386 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 395520
Ion Ratio Lower Upper
162 100
164 63.4 42.7 82.7
98 39.0 18.1 58.1

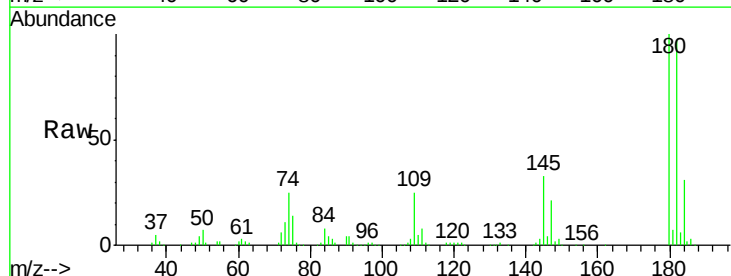


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

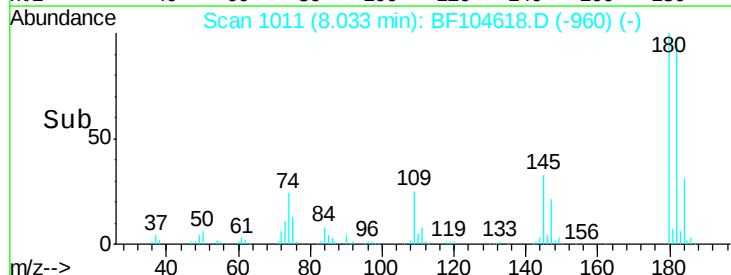
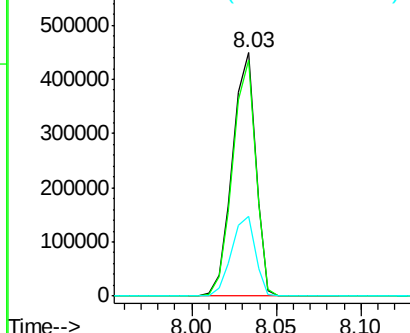


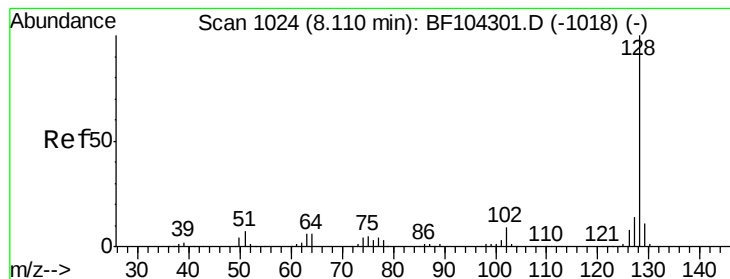
#30
1,2,4-Trichlorobenzene
Concen: 39.075 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

Tgt Ion:180 Resp: 430640
Ion Ratio Lower Upper
180 100
182 97.0 76.8 115.2
145 32.8 26.5 39.7



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





#31

Naphthalene

Concen: 37.601 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

Instrument :

BNA_F

ClientSampleId :

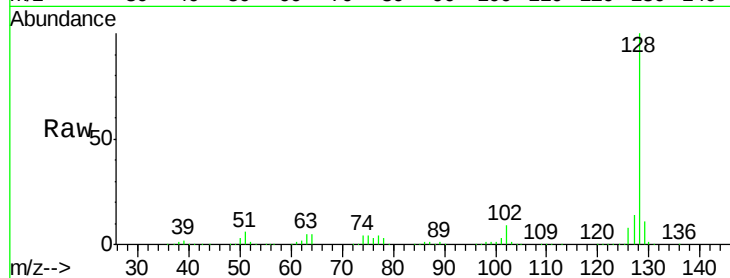
Tot Ion:128 Resp: 1378789

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

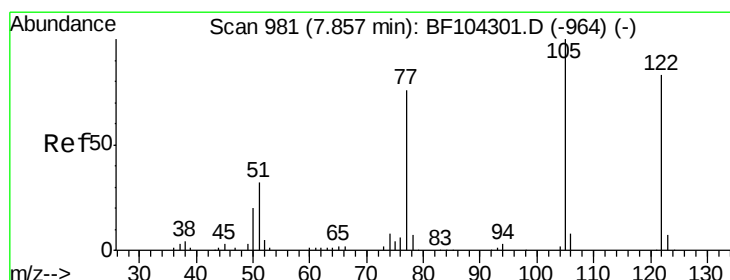
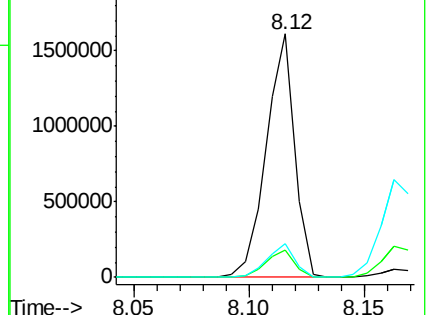
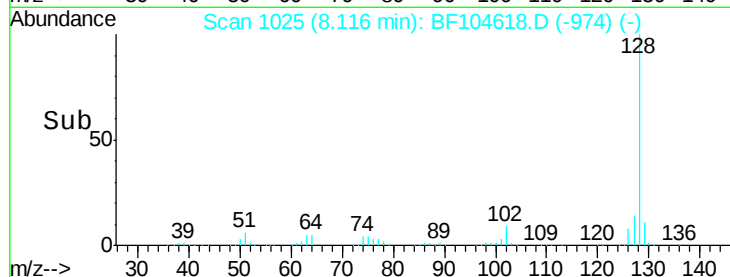
127 13.9 10.9 16.3



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: 39.468 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

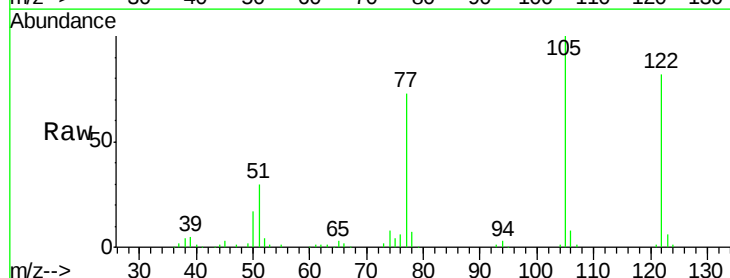
Tgt Ion:122 Resp: 331434

Ion Ratio Lower Upper

122 100

105 121.5 101.1 141.1

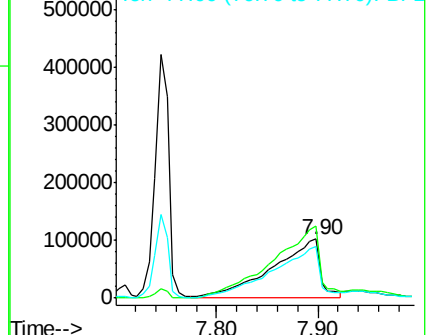
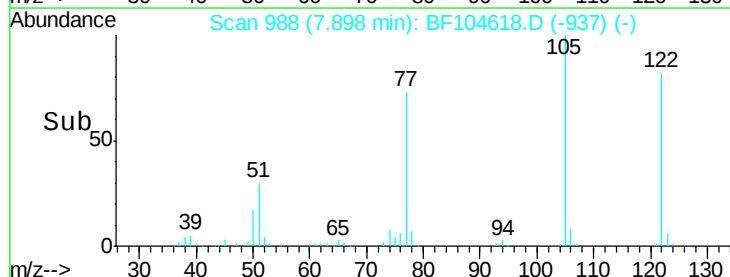
77 88.2 70.7 110.7

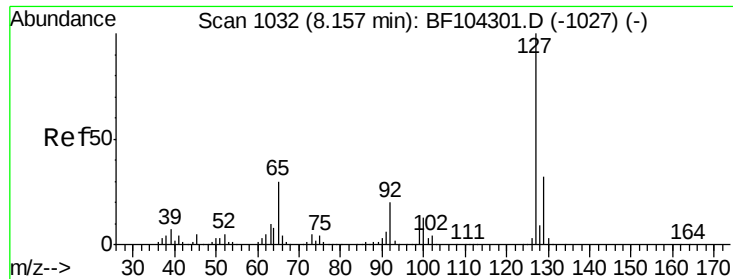


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

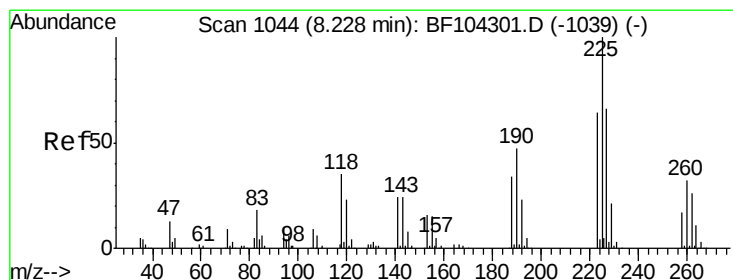
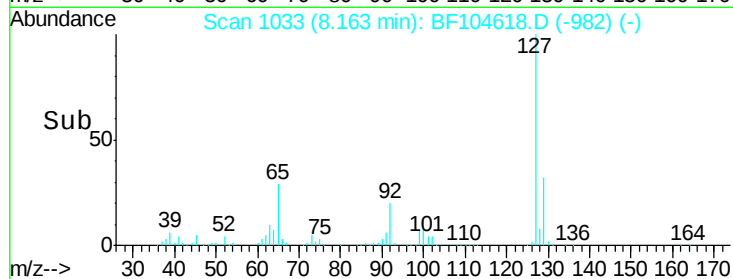
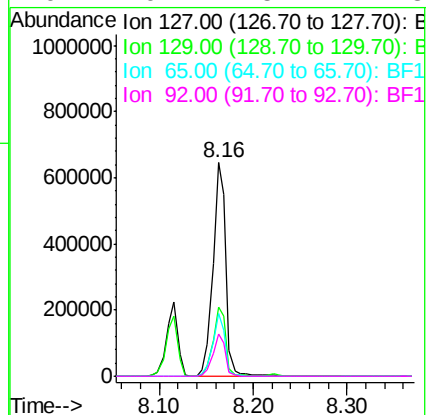
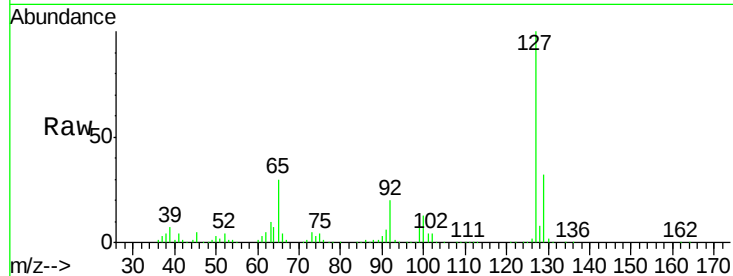




#33
4-Chloroaniline
Concen: 40.071 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

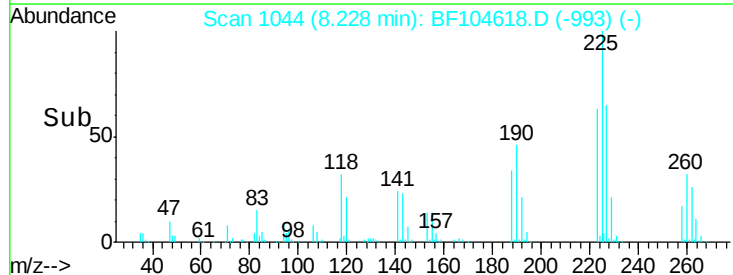
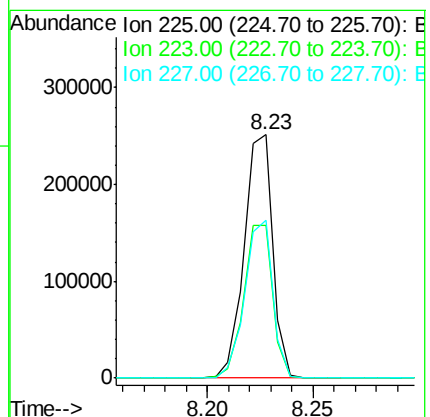
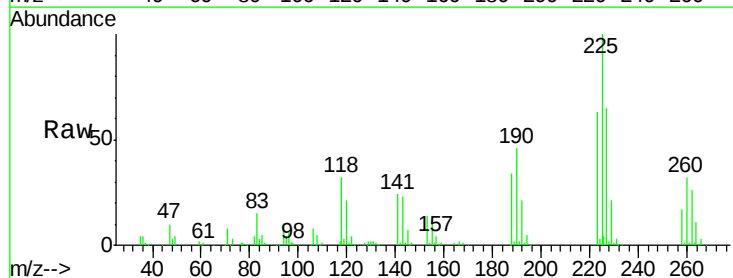
Instrument :
BNA_F
ClientSampled :

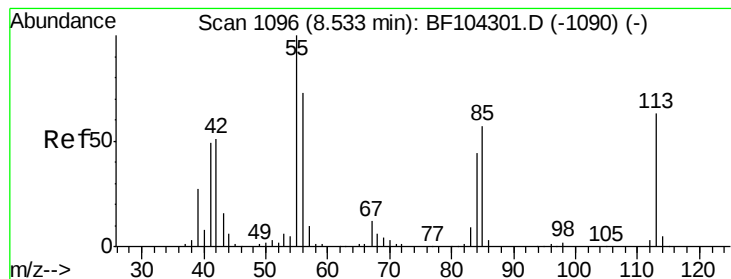
Tot Ion:	127	Resp:	629494
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	29.7	25.0	37.4
92	19.7	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.749 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

Tgt Ion:	225	Resp:	233911
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	64.9	51.9	77.9





#35

Caprolactam

Concen: 41.288 ng

RT: 8.56 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

Instrument :

BNA_F

ClientSampleId :

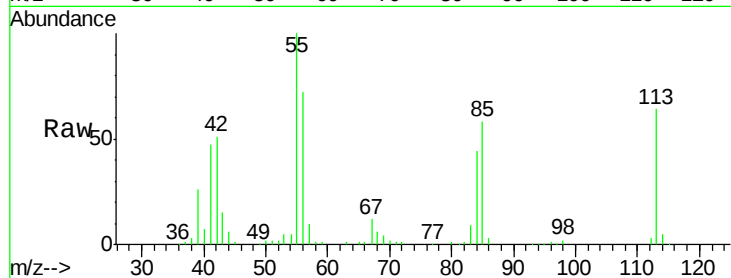
Tot Ion:113 Resp: 144642

Ion Ratio Lower Upper

113 100

55 156.4 163.3 203.3#

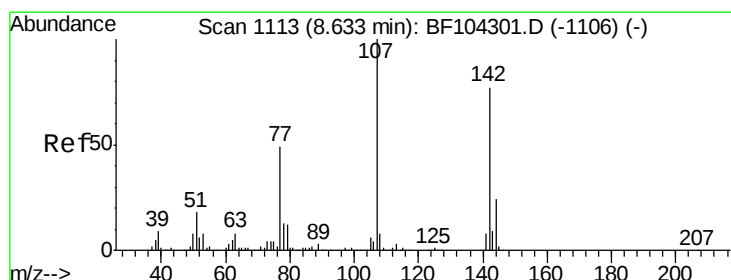
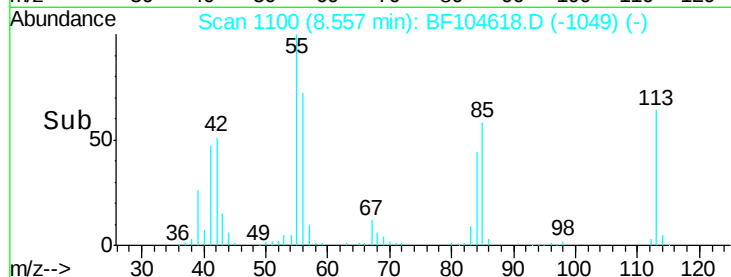
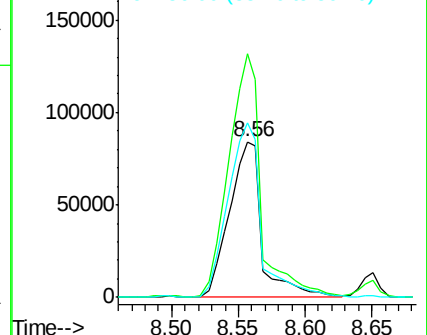
56 112.4 115.7 155.7#



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: 39.829 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

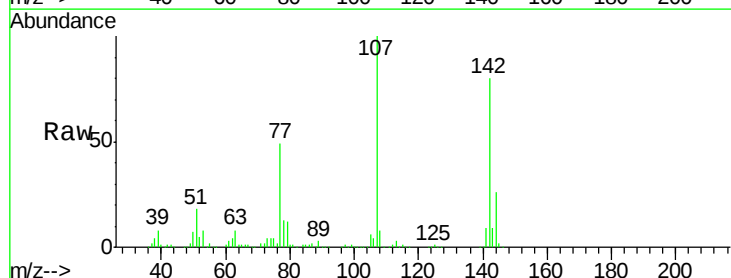
Tgt Ion:107 Resp: 428872

Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

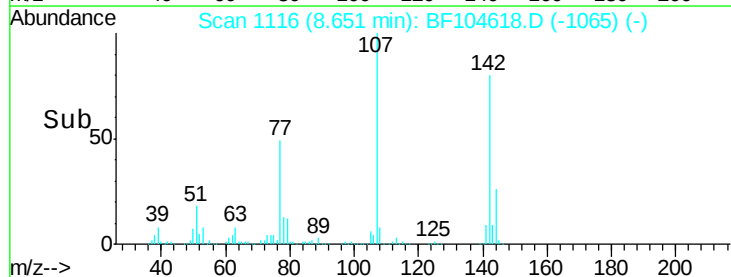
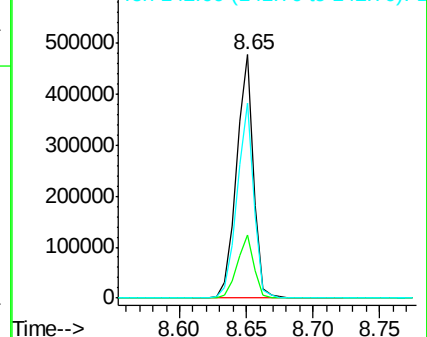
142 79.9 62.0 93.0

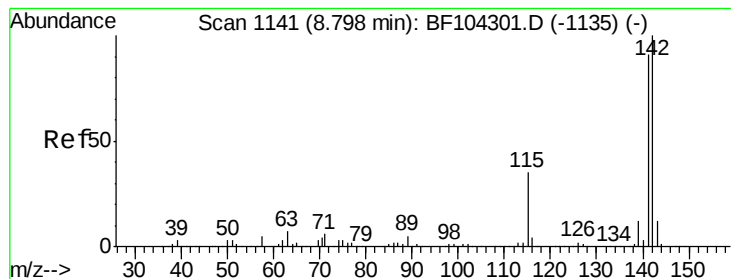


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.137 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

Instrument :

BNA_F

ClientSampleId :

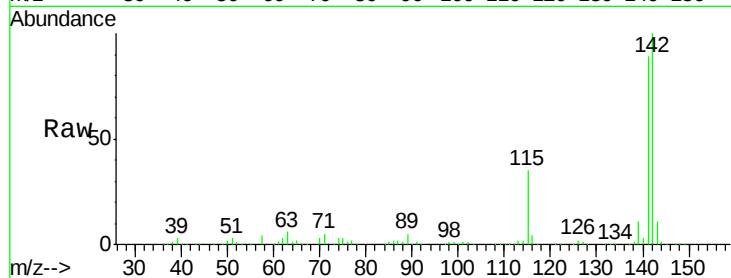
Tot Ion:142 Resp: 904567

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2

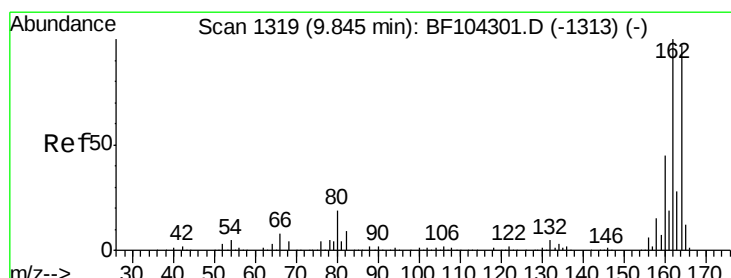
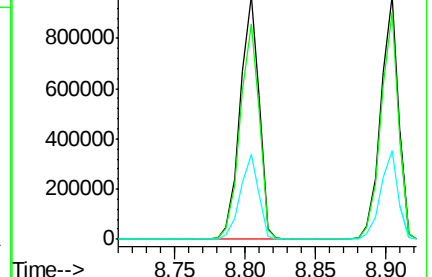
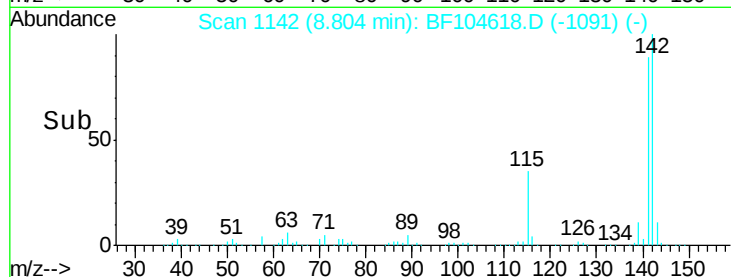
115 34.8 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

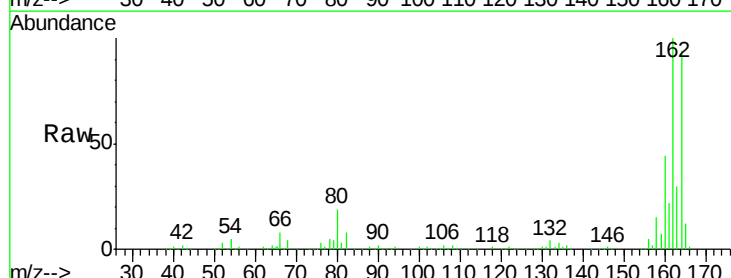
Tgt Ion:164 Resp: 336631

Ion Ratio Lower Upper

164 100

162 106.3 86.1 129.1

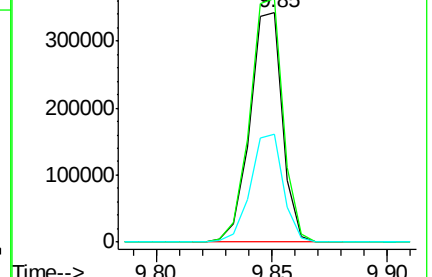
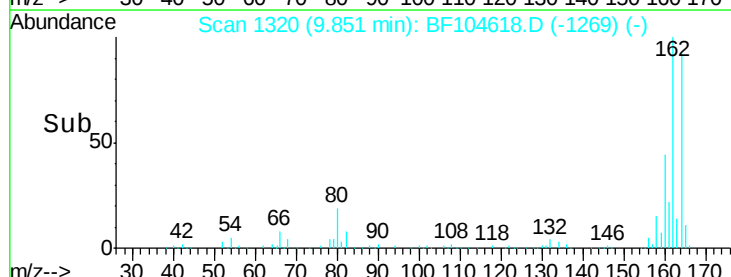
160 46.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

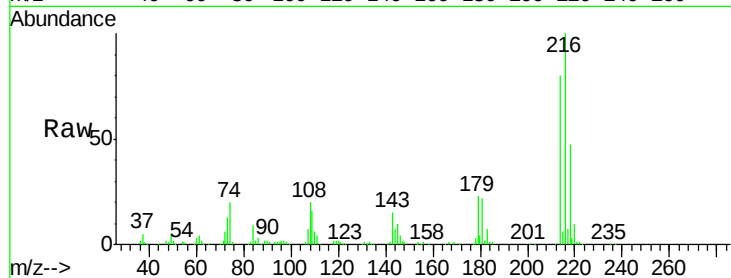




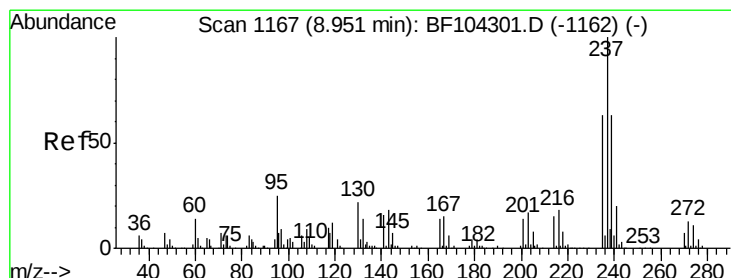
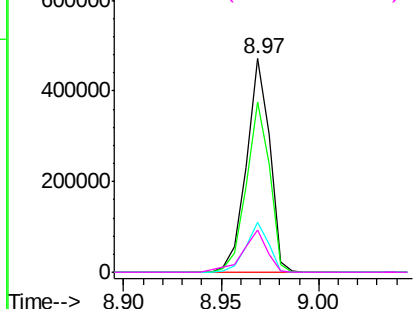
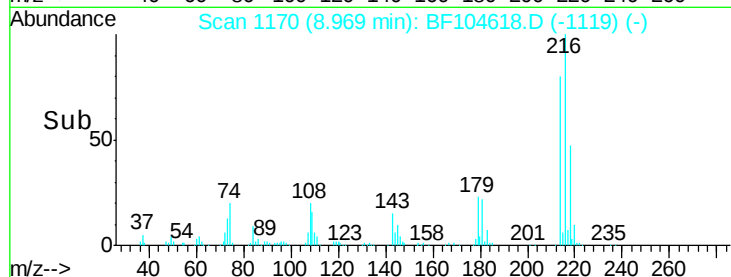
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.333 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF104618.D
 Acq: 19 Apr 2018 9:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	388661
Ion Ratio	Lower	Upper
216	100	
214	79.6	63.0 94.4
179	22.6	18.1 27.1
108	20.7	17.2 25.8

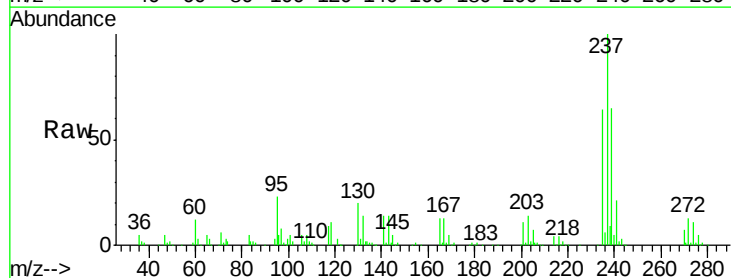


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

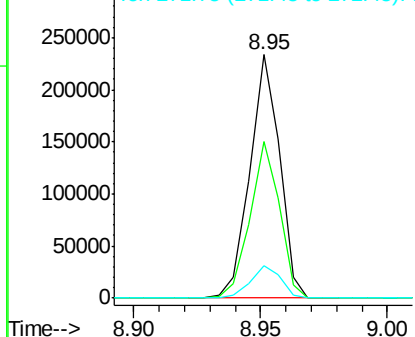
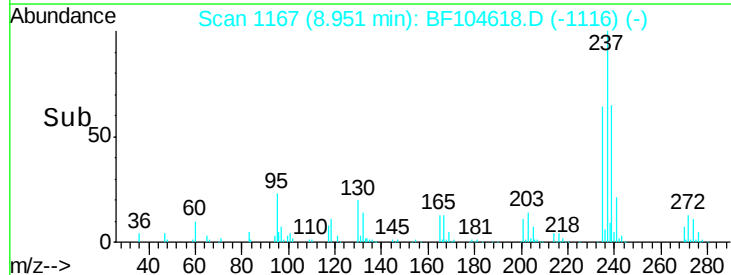


#40
 Hexachlorocyclopentadiene
 Concen: 35.409 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF104618.D
 Acq: 19 Apr 2018 9:21

Tgt Ion:237	Resp:	191023
Ion Ratio	Lower	Upper
237	100	
235	64.4	44.8 84.8
272	13.2	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

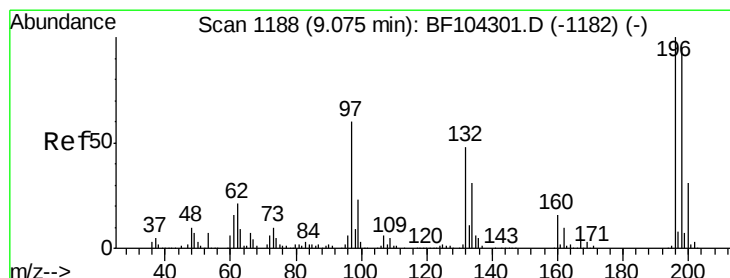
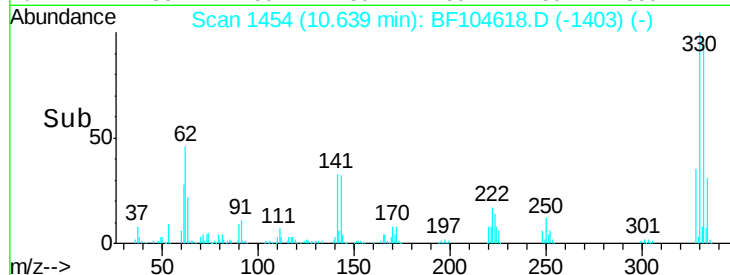
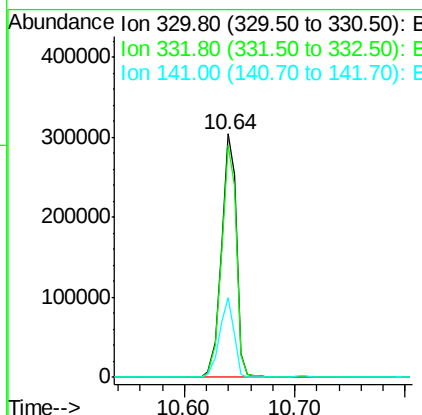
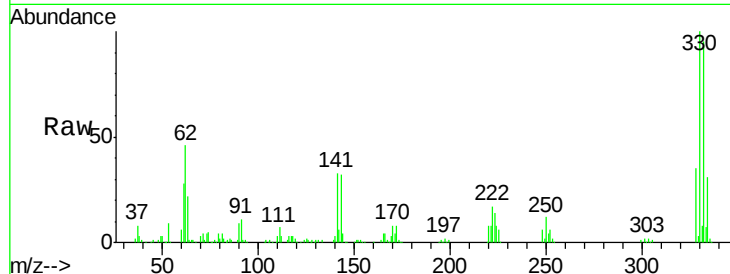




#41
 2,4,6-Tribromophenol
 Concen: 82.389 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF104618.D
 Acq: 19 Apr 2018 9:21

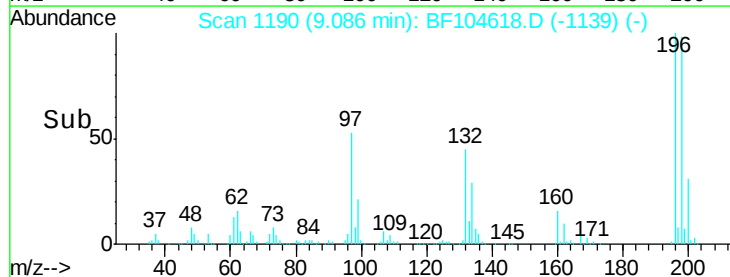
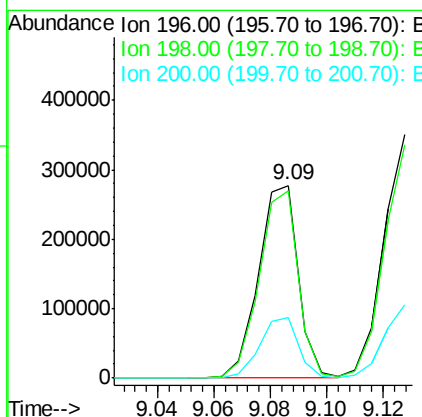
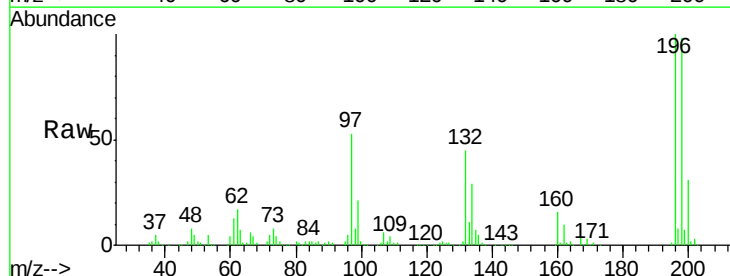
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	31.8	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 40.562 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF104618.D
 Acq: 19 Apr 2018 9:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.6	75.7	113.5
200	31.5	24.5	36.7

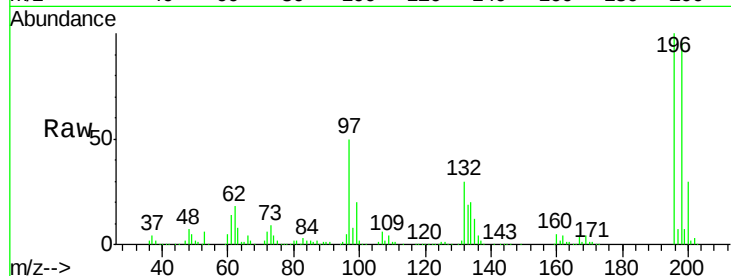




#43
 2,4,5-Trichlorophenol
 Concen: 40.903 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF104618.D
 Acq: 19 Apr 2018 9:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	306183
Ion Ratio	100	Lower	Upper
196	100		
198	95.7	74.6	112.0
97	50.5	42.9	64.3
132	29.9	26.3	39.5



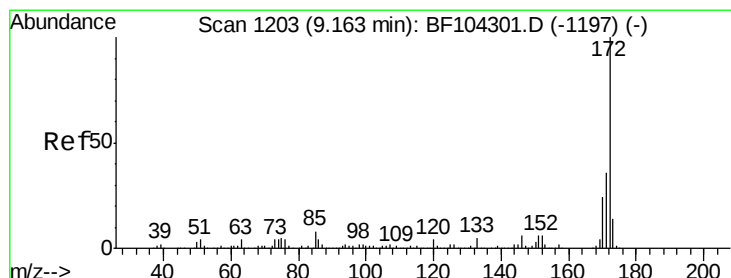
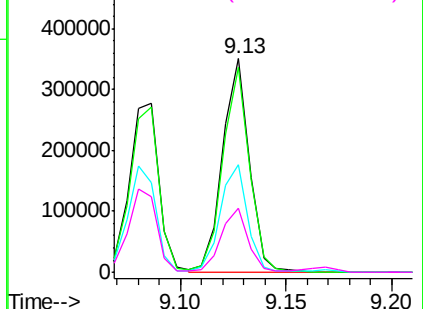
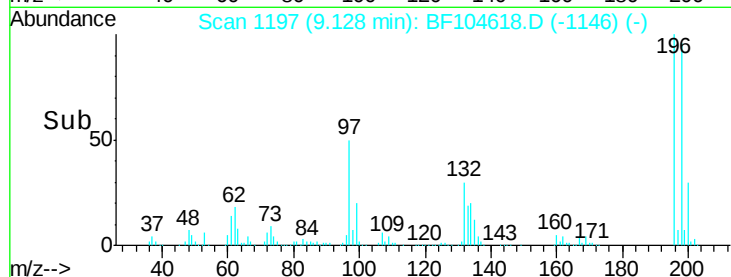
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

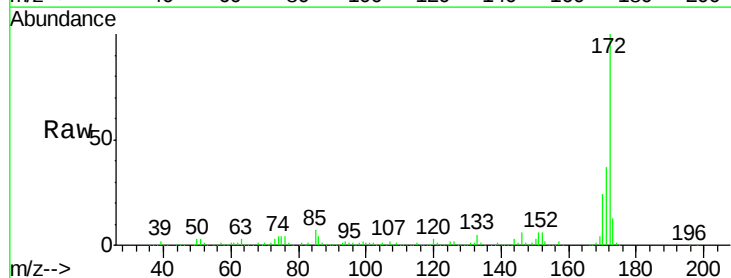
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.540 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF104618.D
 Acq: 19 Apr 2018 9:21

Tgt Ion	172	Resp	1545755
Ion Ratio	100	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.1	19.6	29.4

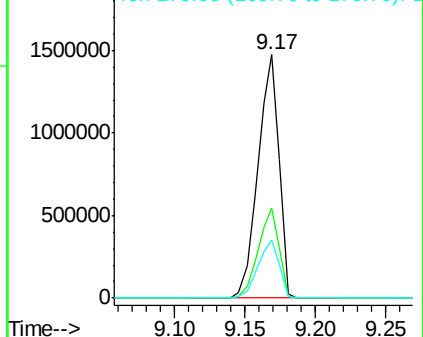
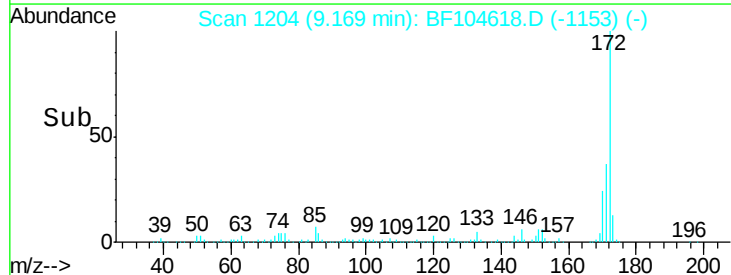


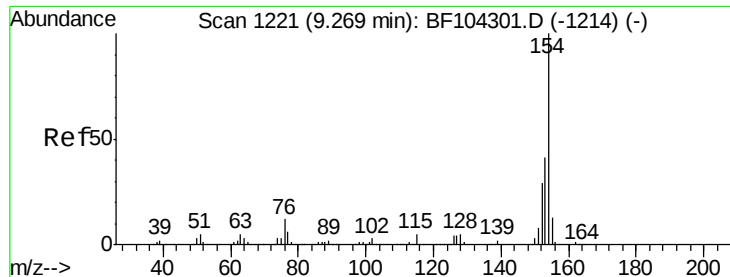
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

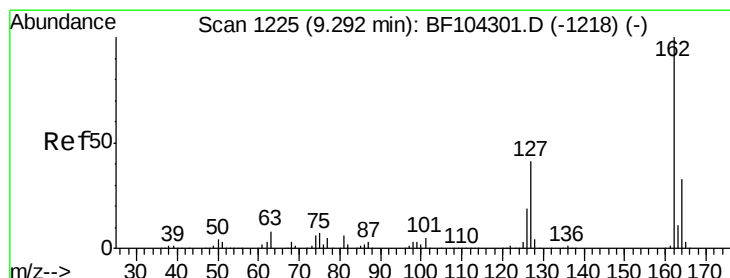
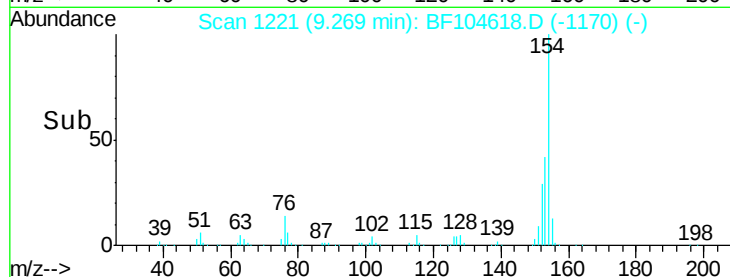
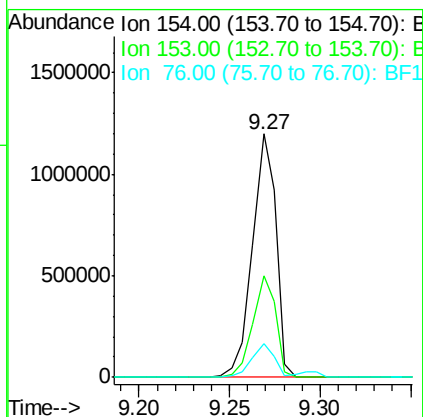
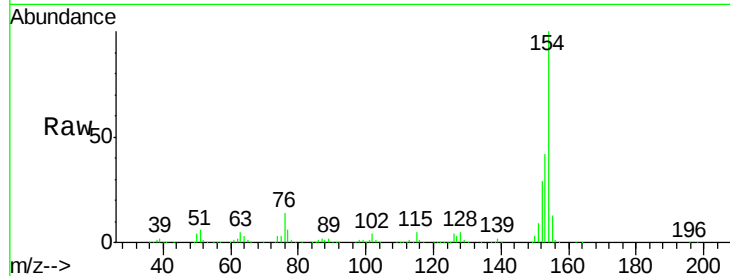




#45
 1,1'-Biphenyl
 Concen: 38.283 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF104618.D
 Acq: 19 Apr 2018 9:21

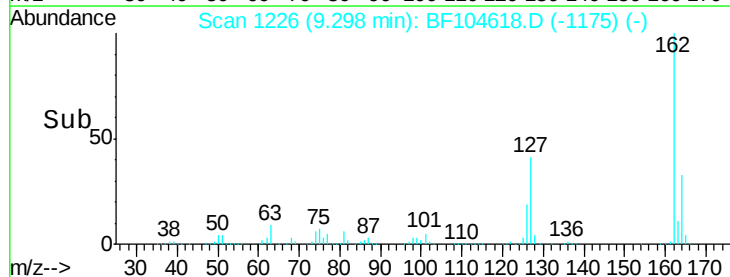
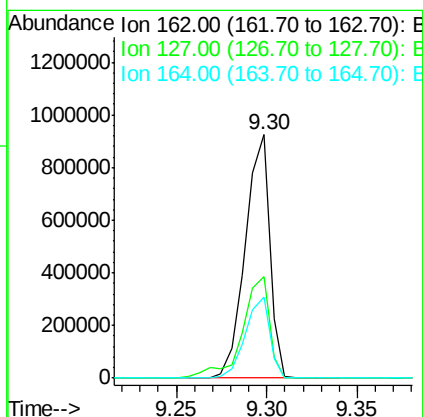
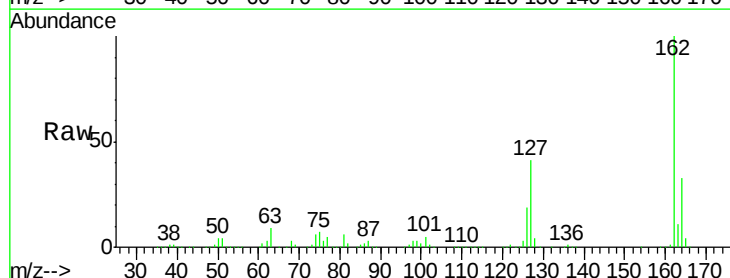
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1082612
 Ion Ratio Lower Upper
 154 100
 153 41.6 21.3 61.3
 76 13.7 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 38.850 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF104618.D
 Acq: 19 Apr 2018 9:21

Tgt Ion:162 Resp: 867803
 Ion Ratio Lower Upper
 162 100
 127 41.5 33.9 50.9
 164 33.3 26.5 39.7

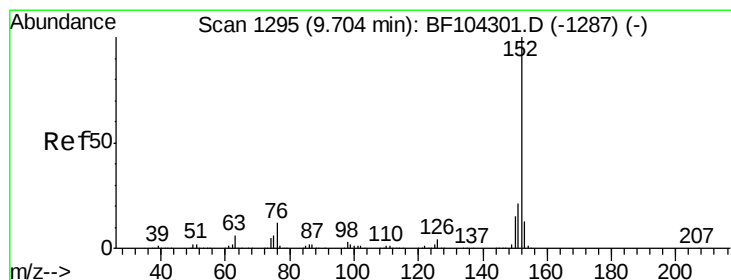
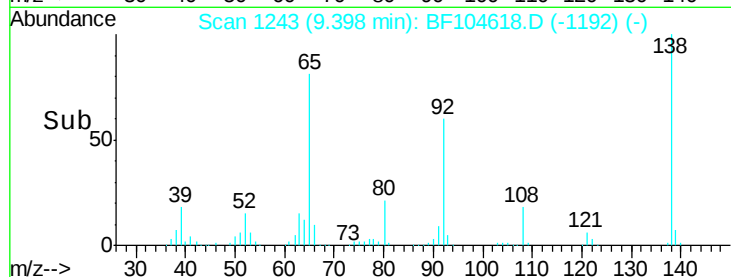
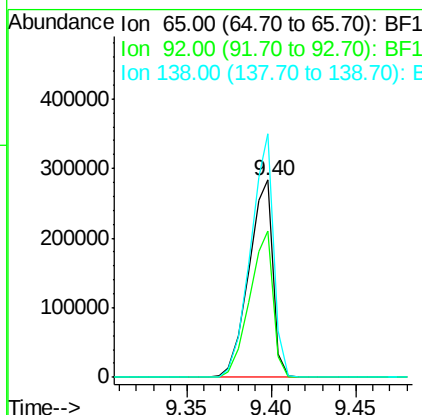
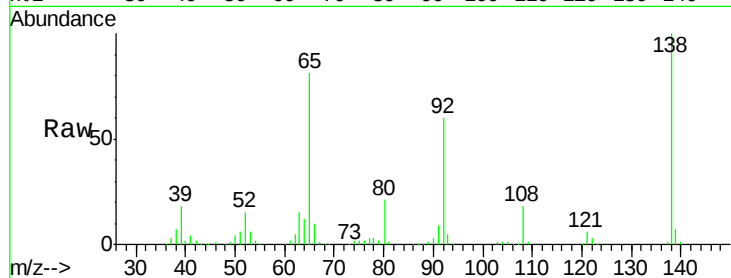




#47
 2-Nitroaniline
 Concen: 51.205 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF104618.D
 Acq: 19 Apr 2018 9:21

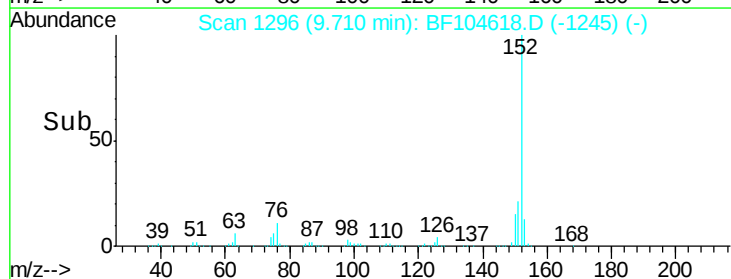
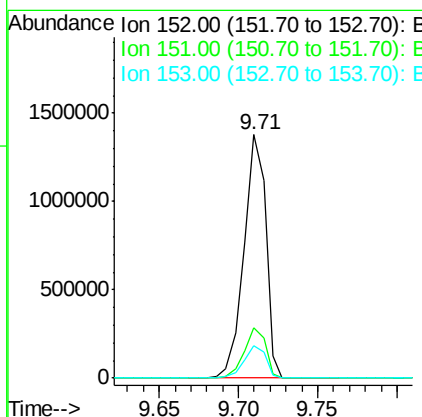
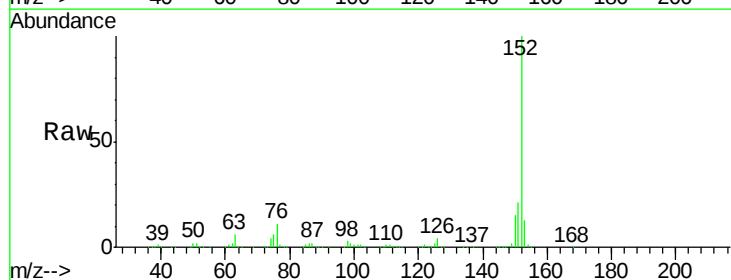
Instrument :
 BNA_F
 ClientSampled :

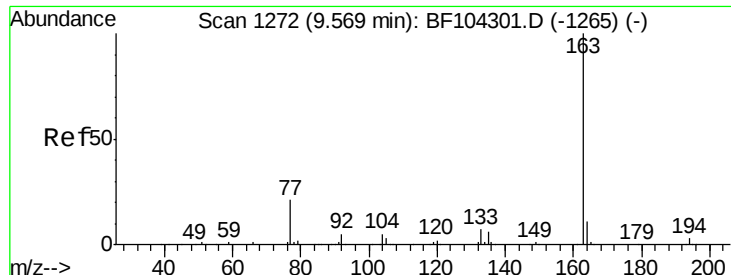
Tot Ion: 65 Resp: 282856
 Ion Ratio Lower Upper
 65 100
 92 74.3 55.8 83.6
 138 123.5 91.2 136.8



#48
 Acenaphthylene
 Concen: 37.495 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF104618.D
 Acq: 19 Apr 2018 9:21

Tgt Ion:152 Resp: 1314058
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.3 24.5
 153 13.5 10.7 16.1

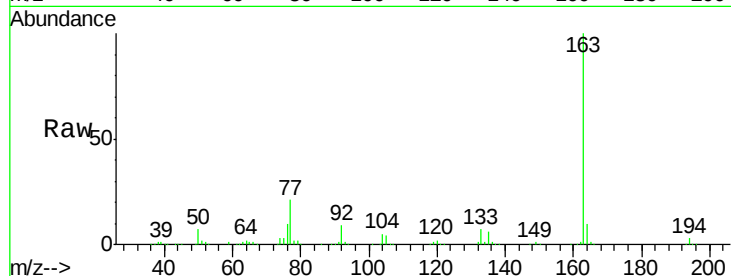




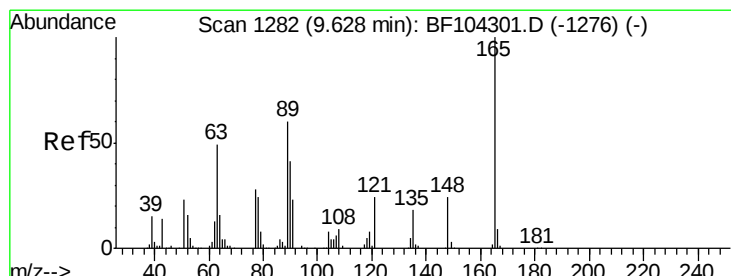
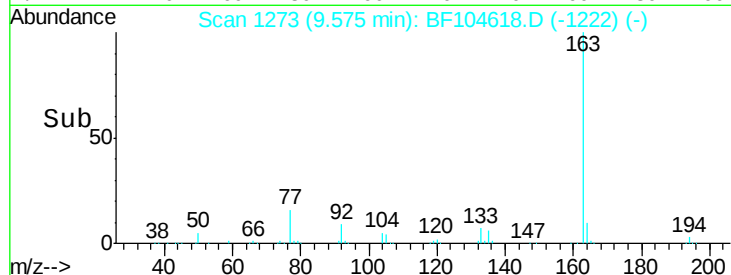
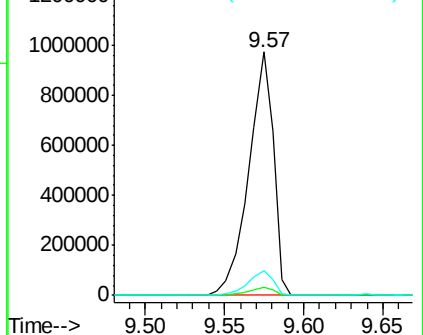
#49
Dimethylphthalate
Concen: 39.574 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1050535
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.3 8.2 12.2

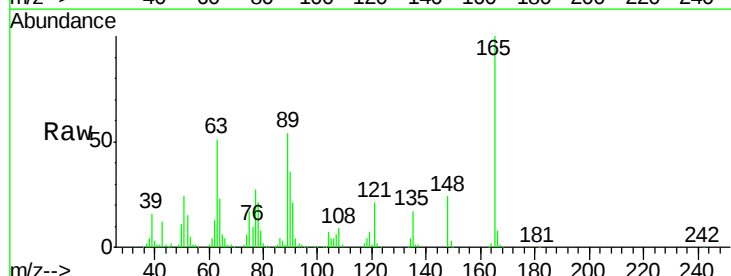


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

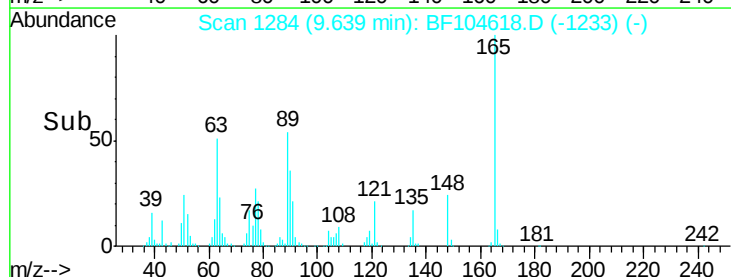
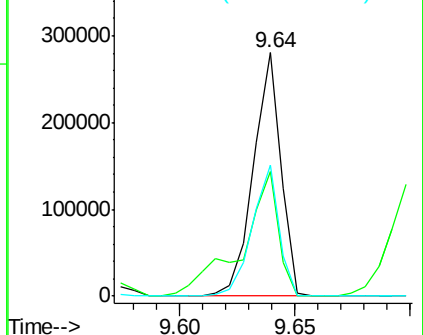


#50
2,6-Dinitrotoluene
Concen: 47.512 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

Tgt Ion:165 Resp: 233379
Ion Ratio Lower Upper
165 100
63 51.0 44.7 67.1
89 53.7 44.0 66.0



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





#51

Acenaphthene

Concen: 35.975 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

Instrument :

BNA_F

ClientSampleId :

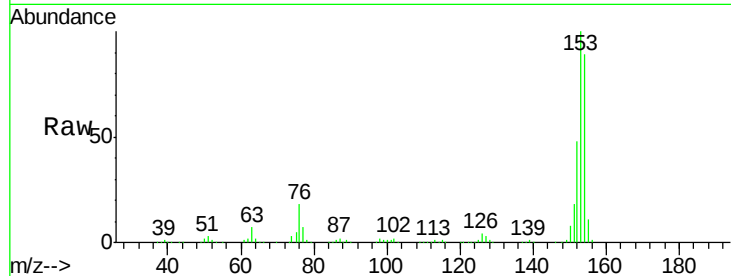
Tot Ion:154 Resp: 769245

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

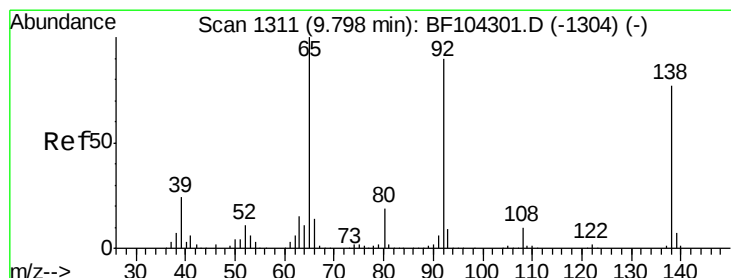
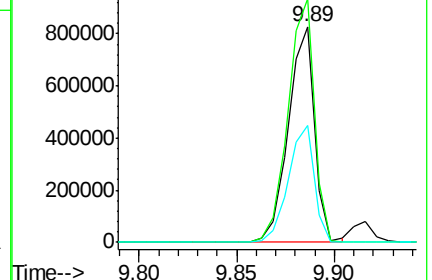
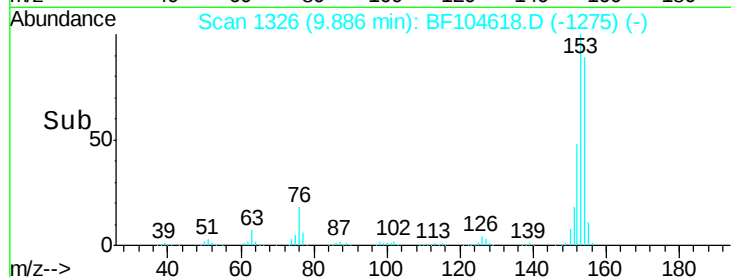
152 54.4 43.8 65.8



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: 48.534 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

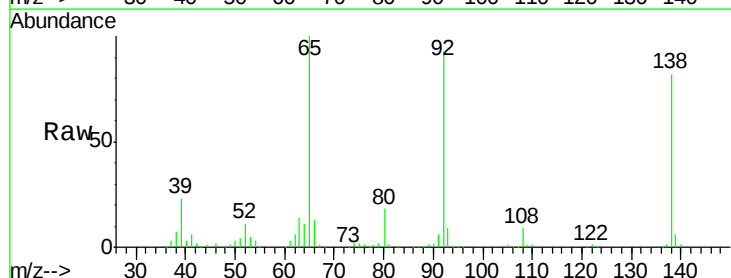
Tgt Ion:138 Resp: 279094

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

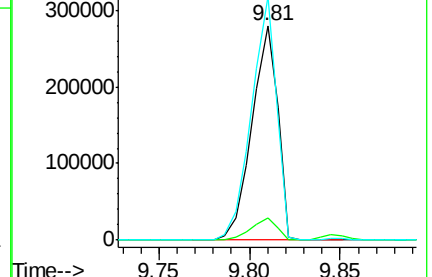
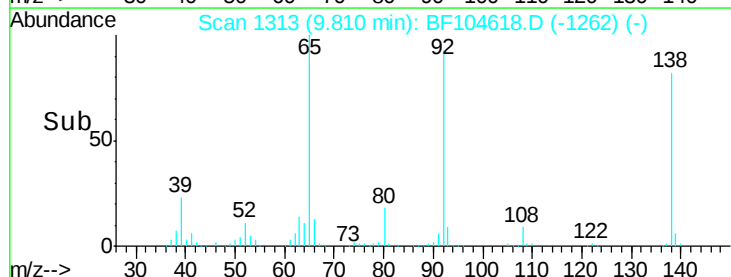
92 113.5 89.4 134.2



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

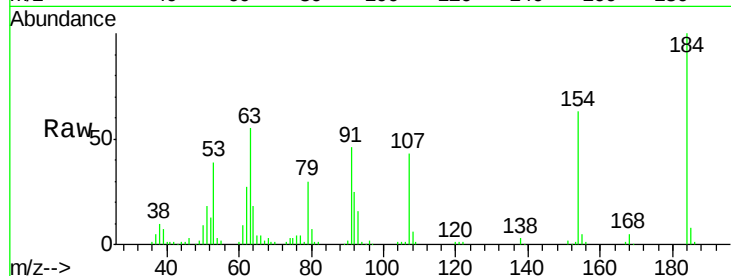




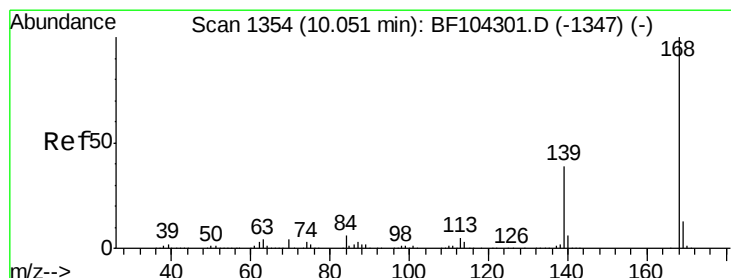
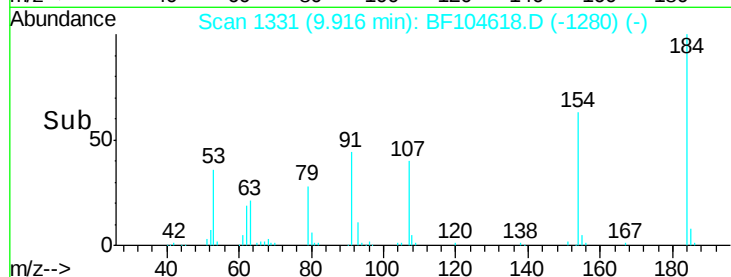
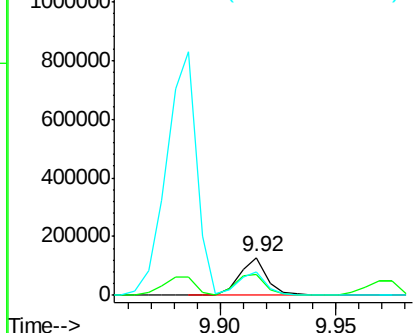
#53
 2,4-Dinitrophenol
 Concen: 60.290 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF104618.D
 Acq: 19 Apr 2018 9:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 107556
 Ion Ratio Lower Upper
 184 100
 63 54.7 54.2 81.2
 154 63.2 184.0 276.0#

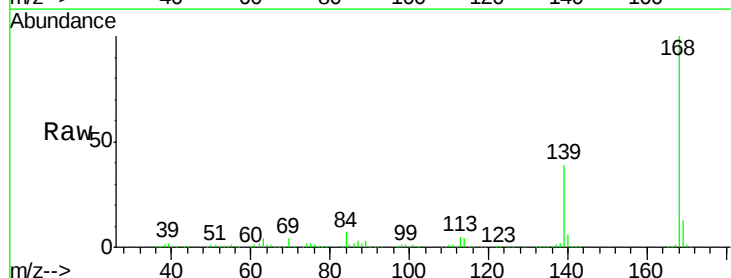


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

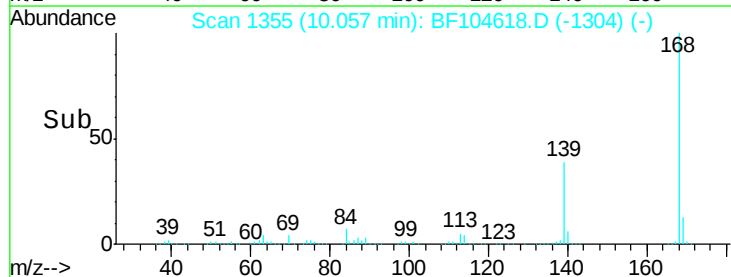
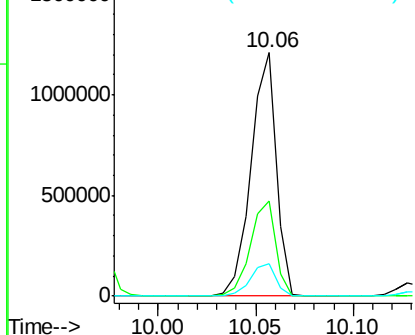


#54
 Dibenzofuran
 Concen: 36.399 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF104618.D
 Acq: 19 Apr 2018 9:21

Tgt Ion:168 Resp: 1084675
 Ion Ratio Lower Upper
 168 100
 139 39.1 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

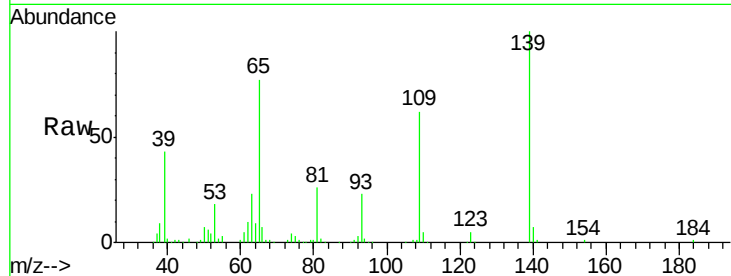




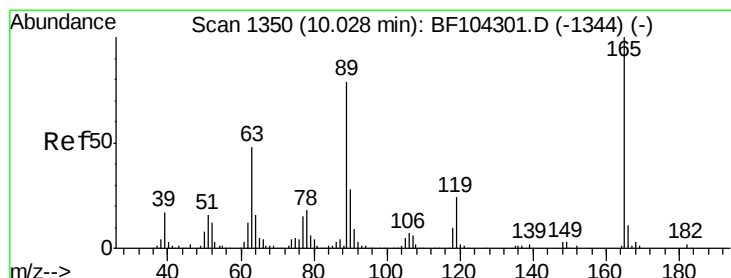
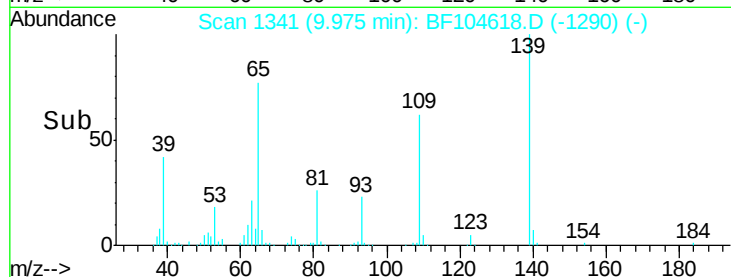
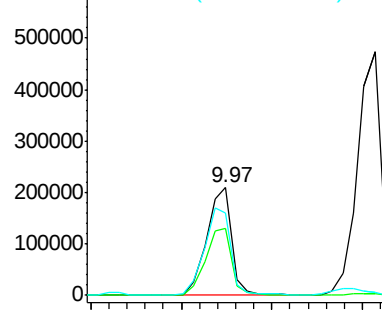
#55
4-Nitrophenol
Concen: 44.578 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 201368
Ion Ratio Lower Upper
139 100
109 62.0 48.4 88.4
65 76.7 72.6 112.6

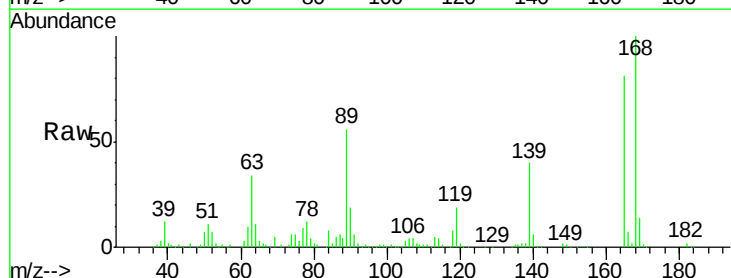


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

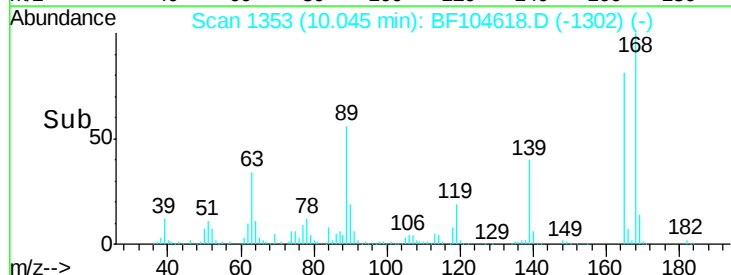
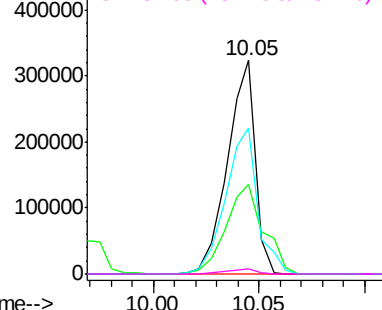


#56
2,4-Dinitrotoluene
Concen: 45.890 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

Tgt Ion:165 Resp: 295676
Ion Ratio Lower Upper
165 100
63 42.2 36.4 54.6
89 68.3 57.8 86.6
182 2.2 1.6 2.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

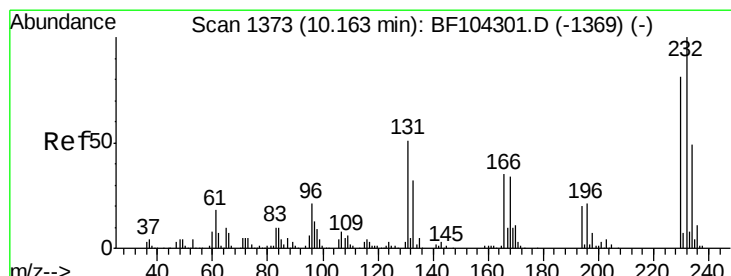
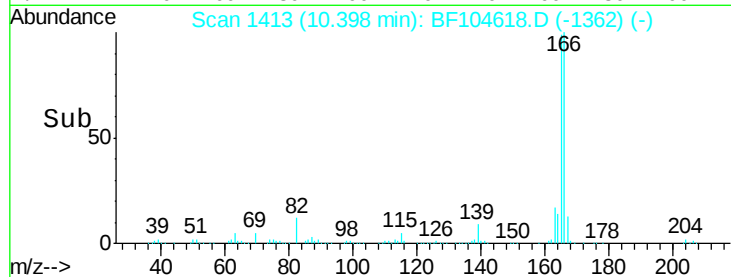
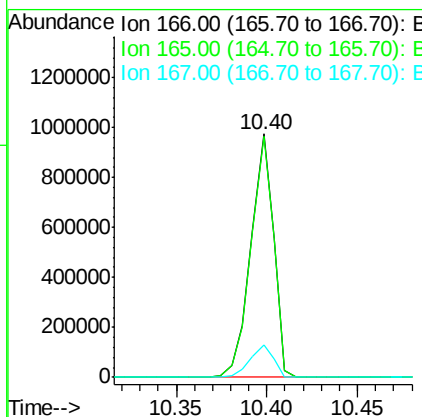
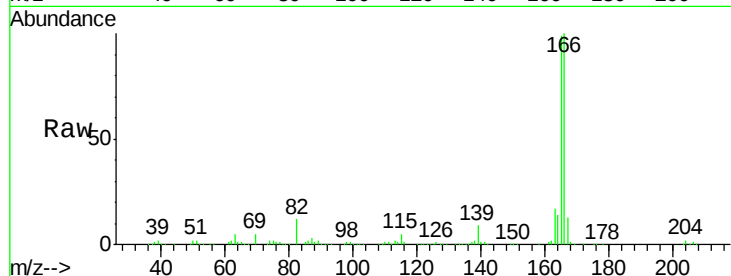




#57
 Fluorene
 Concen: 39.333 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF104618.D
 Acq: 19 Apr 2018 9:21

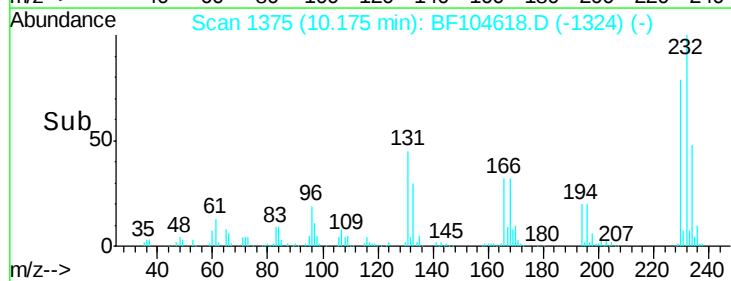
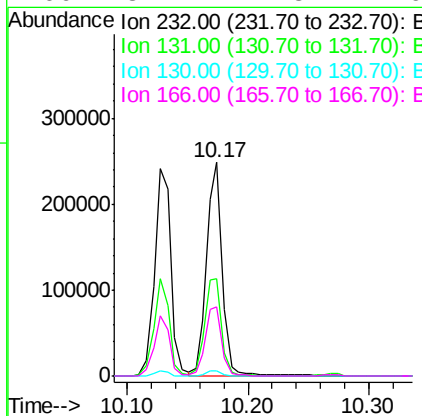
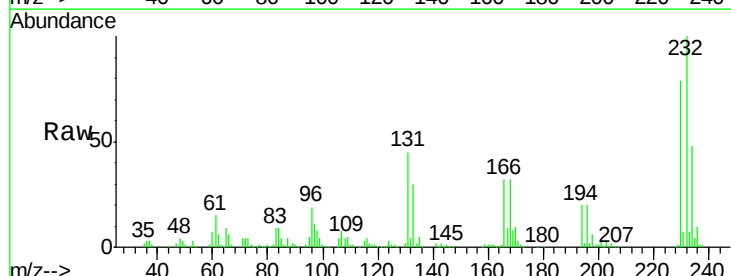
Instrument :
 BNA_F
 ClientSampleId :

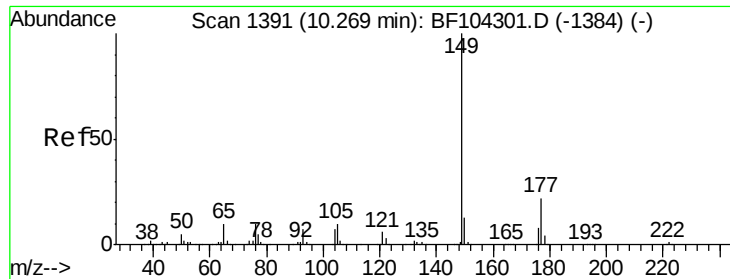
Tot Ion:166 Resp: 853134
 Ion Ratio Lower Upper
 166 100
 165 99.1 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.855 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF104618.D
 Acq: 19 Apr 2018 9:21

Tgt Ion:232 Resp: 222574
 Ion Ratio Lower Upper
 232 100
 131 49.6 43.8 65.8
 130 2.3 2.1 3.1
 166 34.4 27.8 41.6

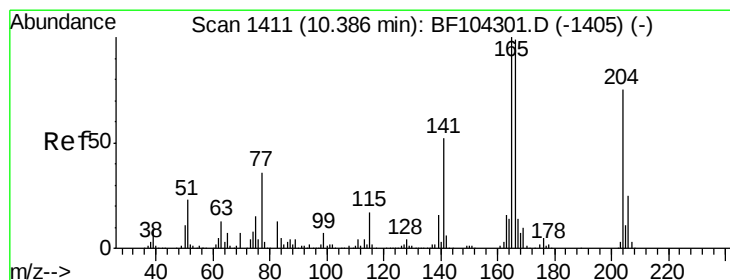
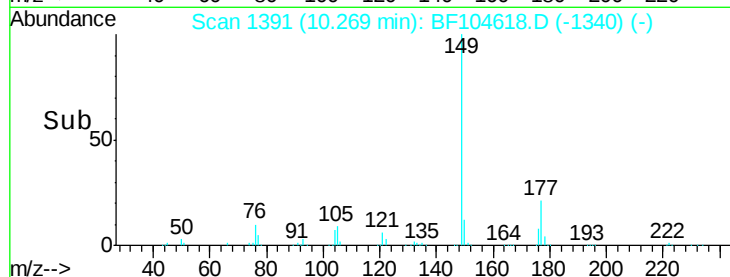
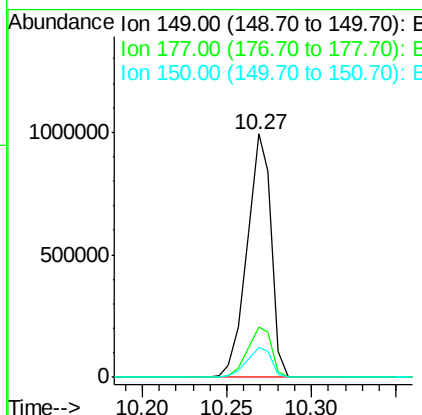
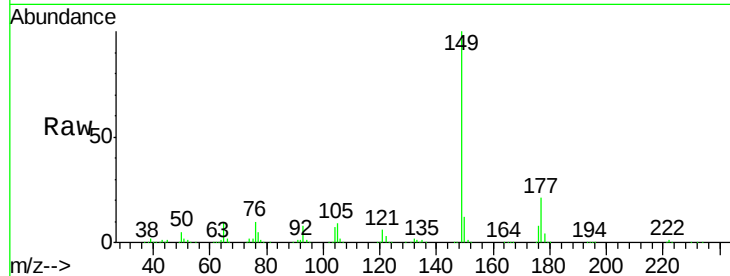




#59
Diethylphthalate
Concen: 37.366 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

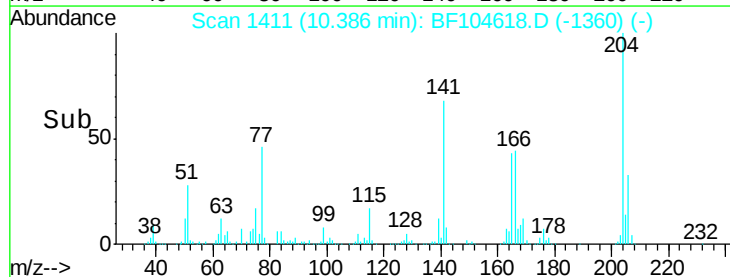
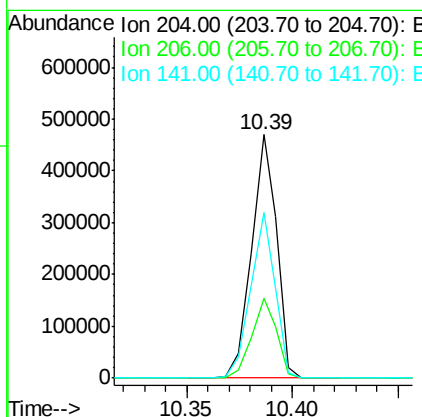
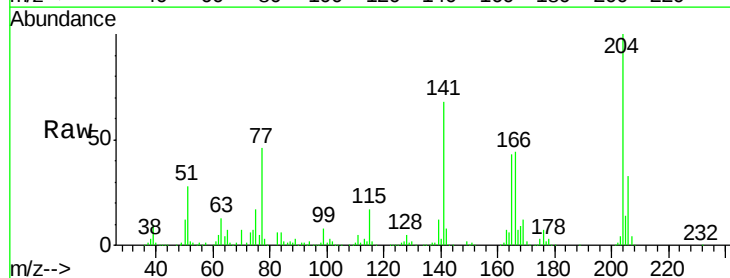
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.1	24.1
150	12.5	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.021 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	68.1	54.6	81.8

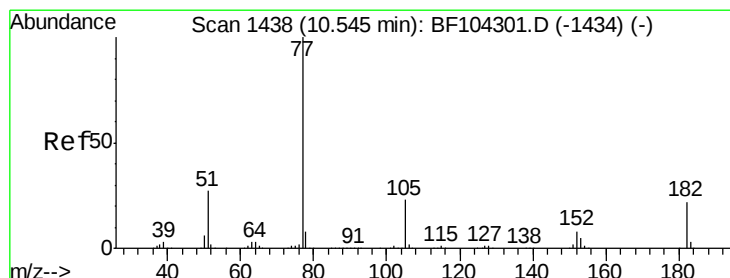
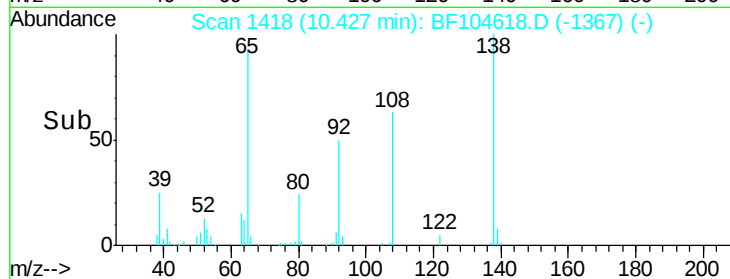
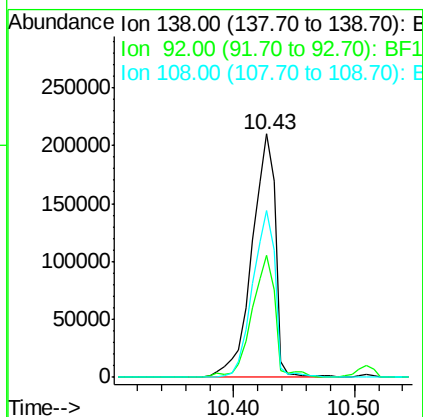
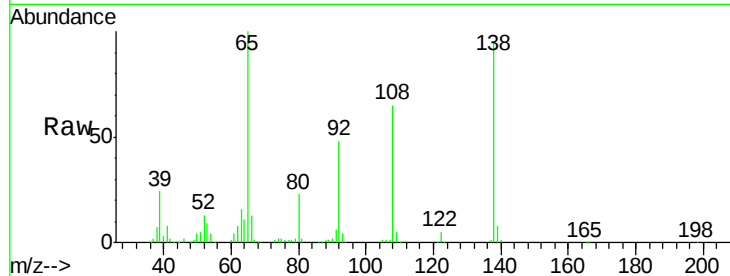




#61
4-Nitroaniline
Concen: 50.816 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

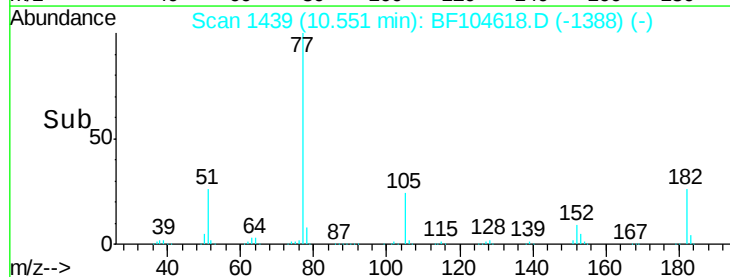
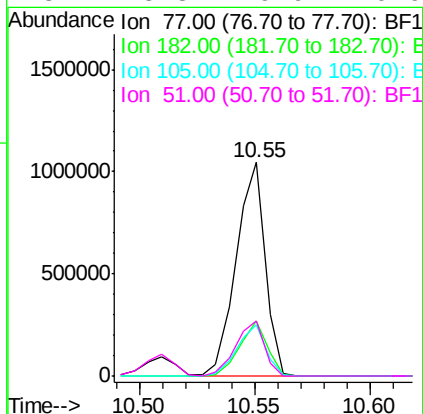
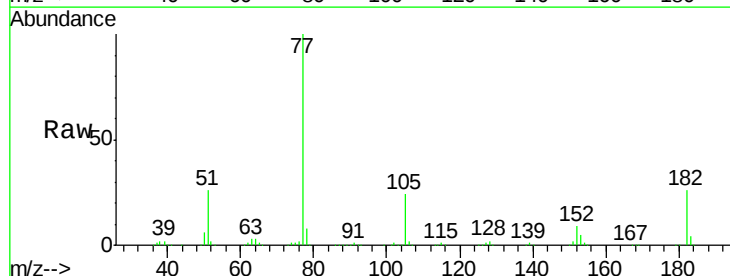
Instrument :
BNA_F
ClientSampled :

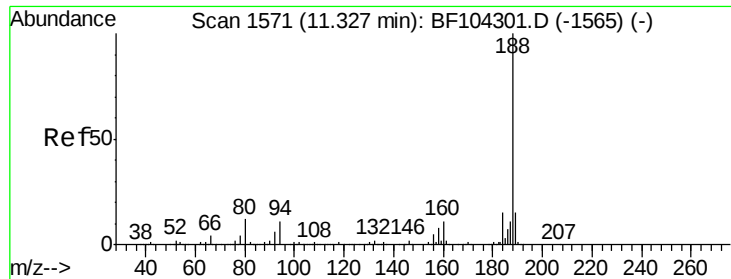
Tot Ion:138 Resp: 285724
Ion Ratio Lower Upper
138 100
92 50.2 30.2 70.2
108 68.4 52.5 92.5



#62
Azobenzene
Concen: 36.210 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

Tgt Ion: 77 Resp: 914604
Ion Ratio Lower Upper
77 100
182 25.7 1.7 41.7
105 24.2 3.0 43.0
51 25.8 9.9 49.9

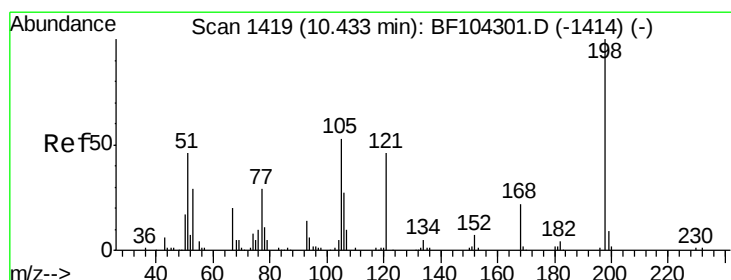
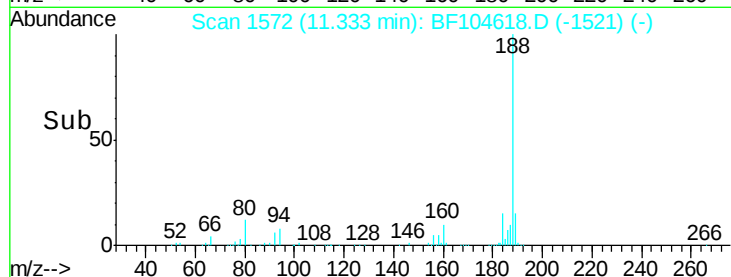
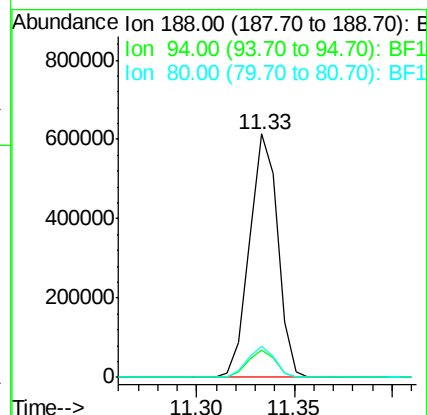
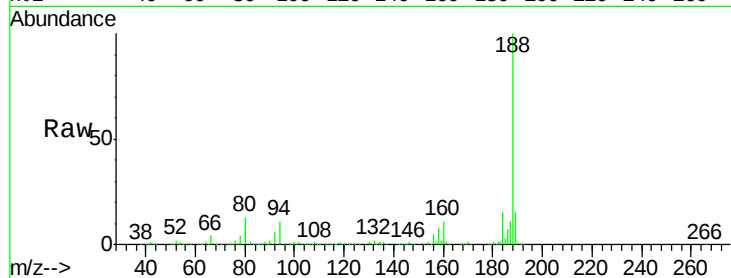




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

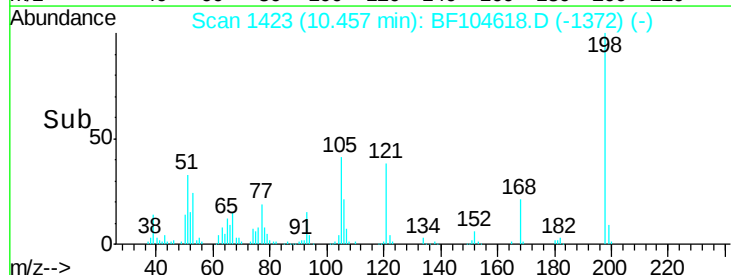
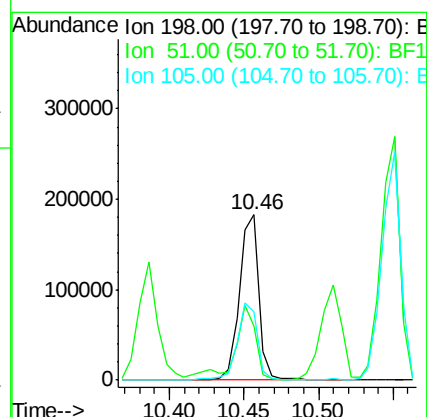
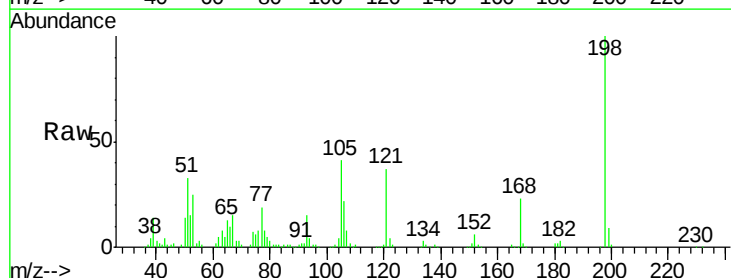
Instrument :
BNA_F
ClientSampleId :

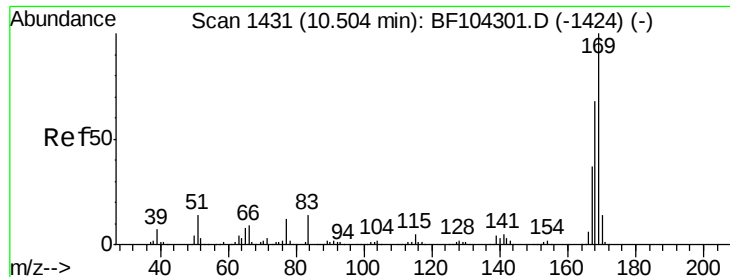
Tot Ion:188 Resp: 615388
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 54.660 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

Tgt Ion:198 Resp: 167427
Ion Ratio Lower Upper
198 100
51 32.9 37.7 77.7#
105 41.3 36.3 76.3

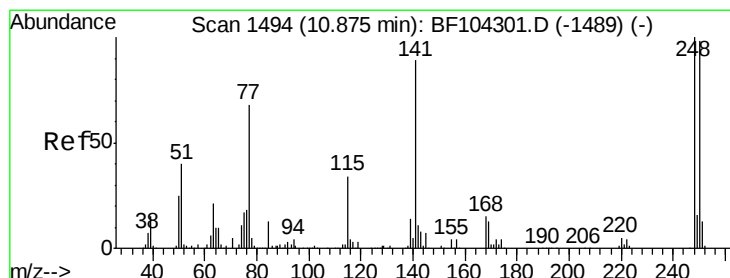
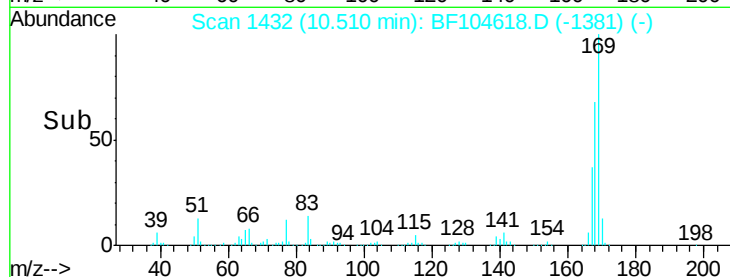
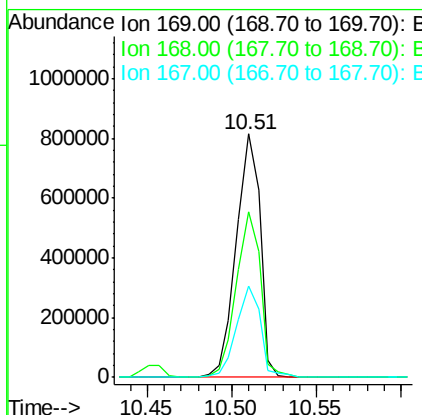
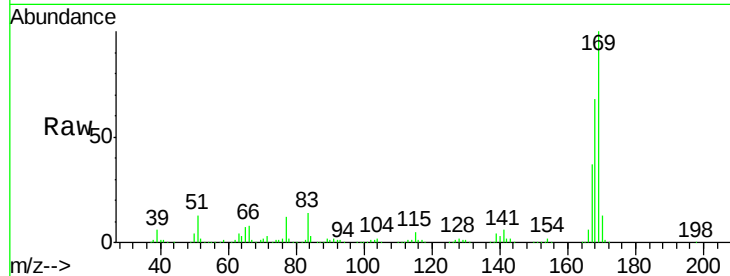




#65
 n-Nitrosodiphenylamine
 Concen: 37.647 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BF104618.D
 Acq: 19 Apr 2018 9:21

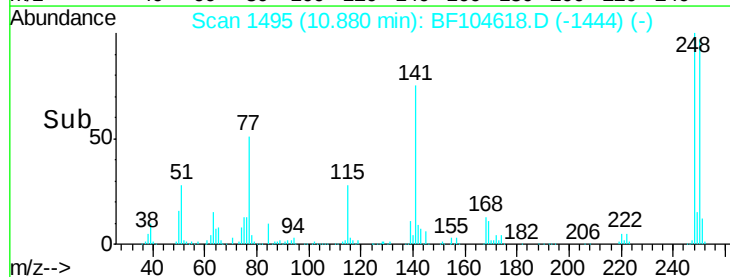
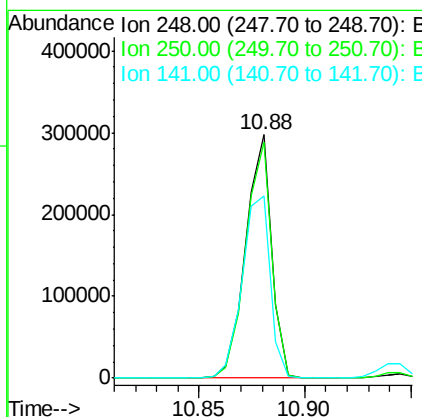
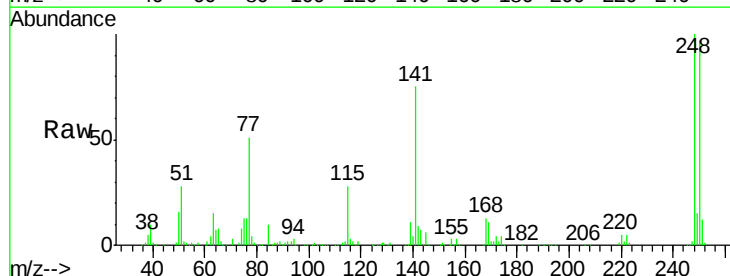
Instrument :
 BNA_F
 ClientSampleId :

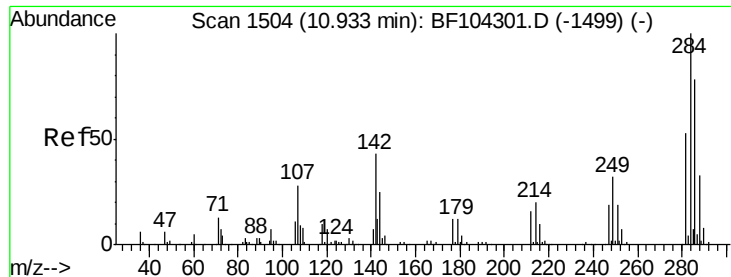
Tot Ion:169 Resp: 803278
 Ion Ratio Lower Upper
 169 100
 168 67.9 54.4 81.6
 167 37.3 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 38.746 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF104618.D
 Acq: 19 Apr 2018 9:21

Tgt Ion:248 Resp: 253621
 Ion Ratio Lower Upper
 248 100
 250 97.0 76.9 115.3
 141 74.6 74.4 111.6

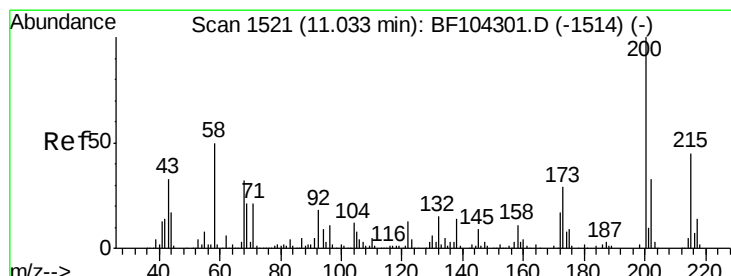
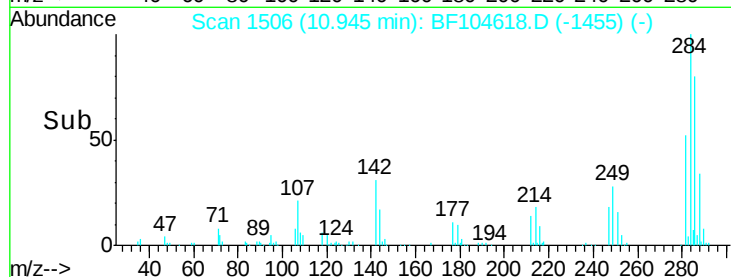
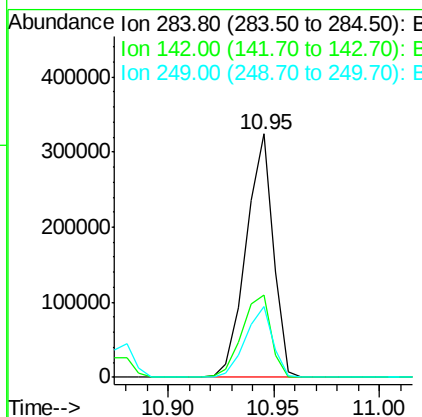
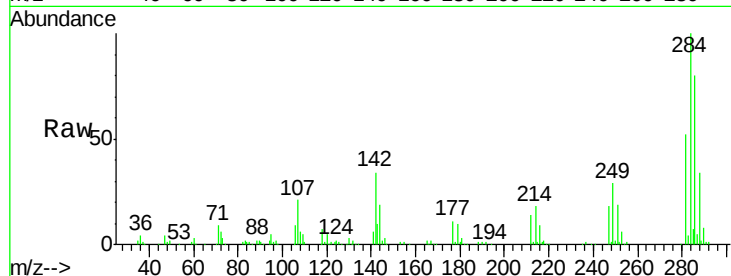




#67
Hexachlorobenzene
Concen: 39.268 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

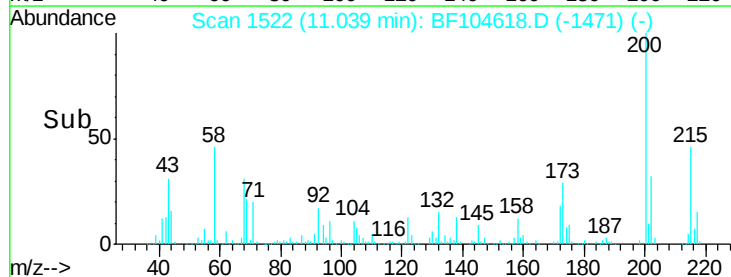
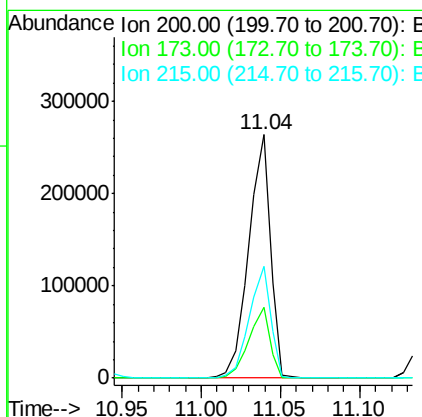
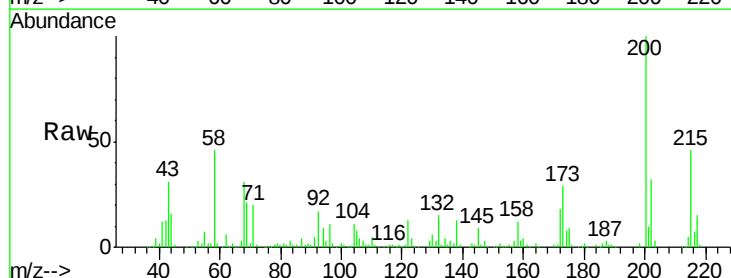
Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 289223
Ion Ratio Lower Upper
284 100
142 34.0 34.6 52.0#
249 29.1 24.8 37.2



#68
Atrazine
Concen: 38.938 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

Tgt Ion:200 Resp: 250780
Ion Ratio Lower Upper
200 100
173 29.1 8.6 48.6
215 45.8 25.1 65.1

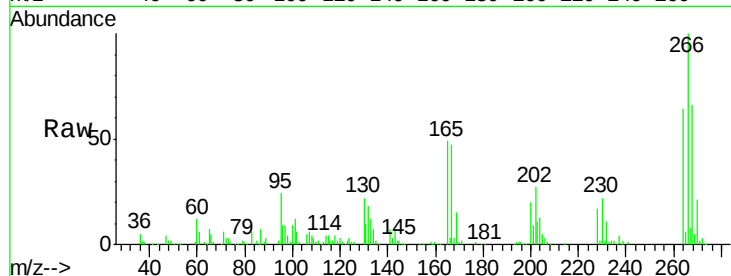




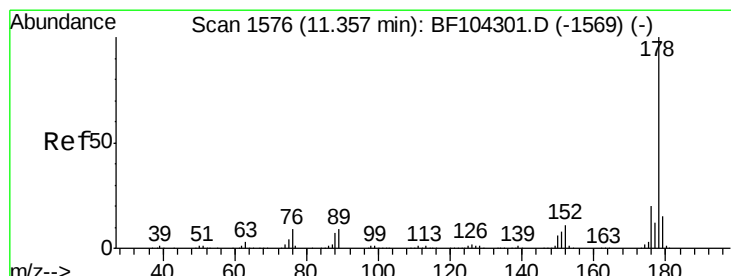
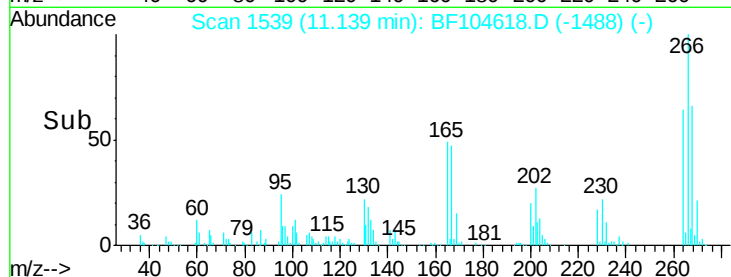
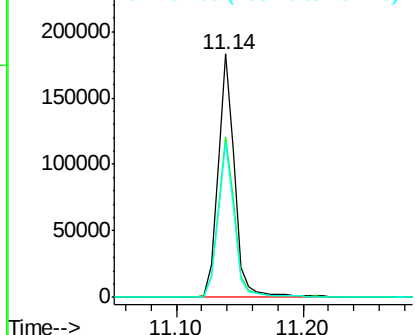
#69
 Pentachlorophenol
 Concen: 37.194 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF104618.D
 Acq: 19 Apr 2018 9:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 169476
 Ion Ratio Lower Upper
 266 100
 268 65.9 51.1 76.7
 264 64.0 49.5 74.3

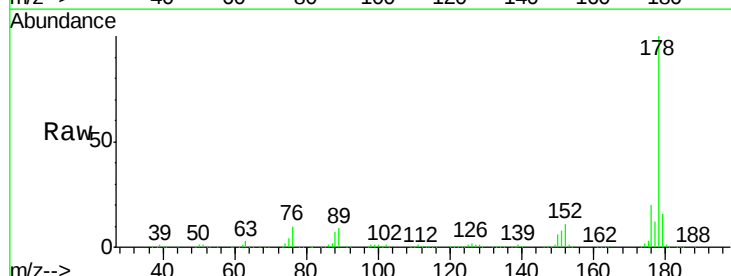


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

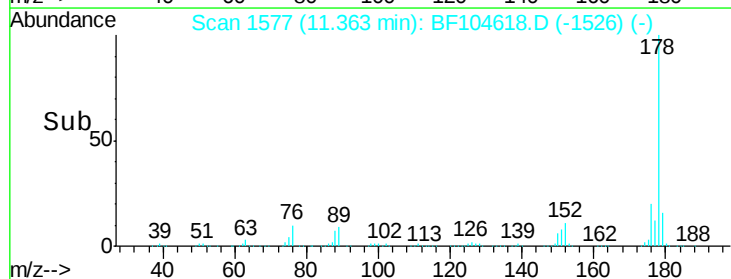
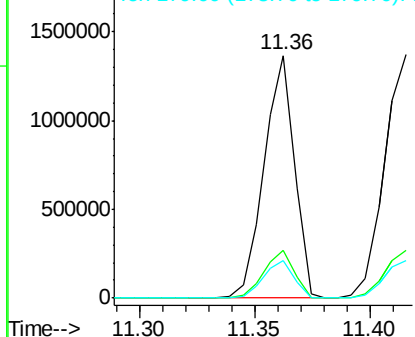


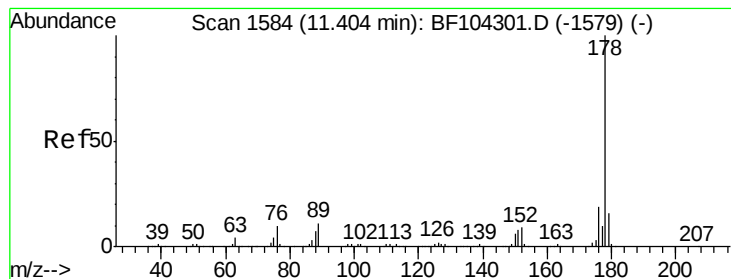
#70
 Phenanthrene
 Concen: 36.522 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF104618.D
 Acq: 19 Apr 2018 9:21

Tgt Ion:178 Resp: 1251628
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.7 13.0 19.6



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





#71

Anthracene

Concen: 36.740 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

Instrument :

BNA_F

ClientSampleId :

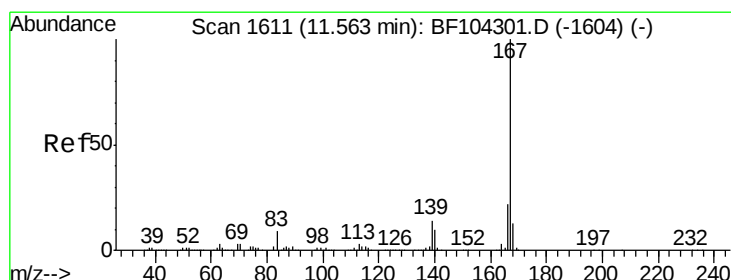
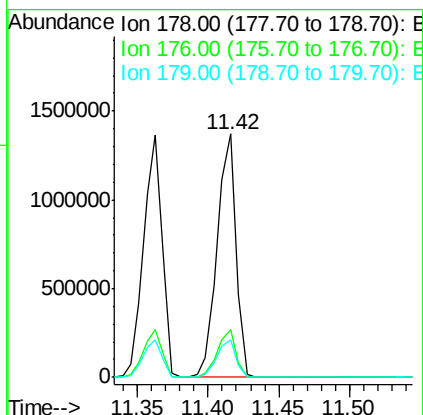
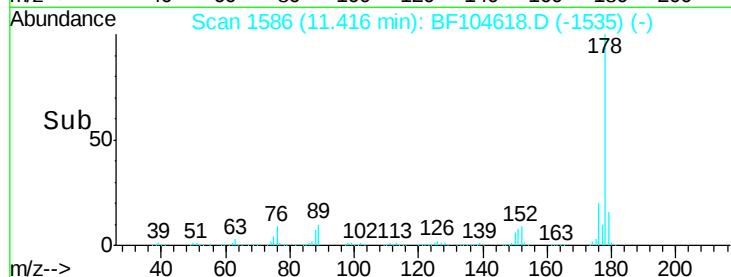
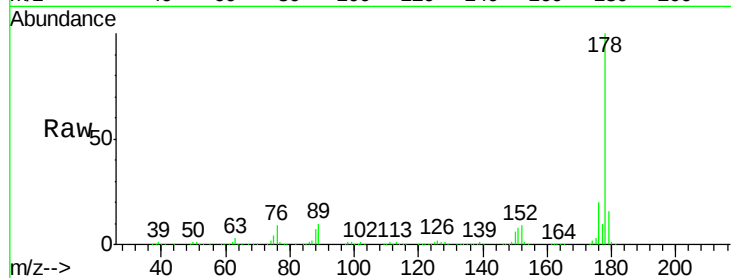
Tot Ion:178 Resp: 1279875

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 15.7 12.6 19.0



#72

Carbazole

Concen: 37.604 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

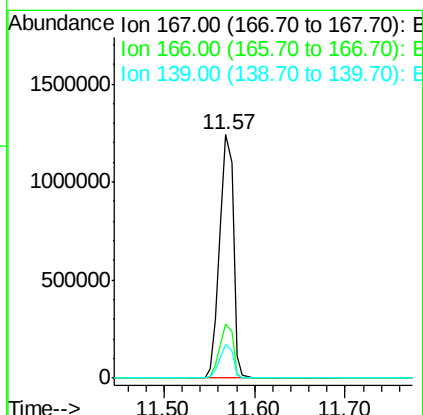
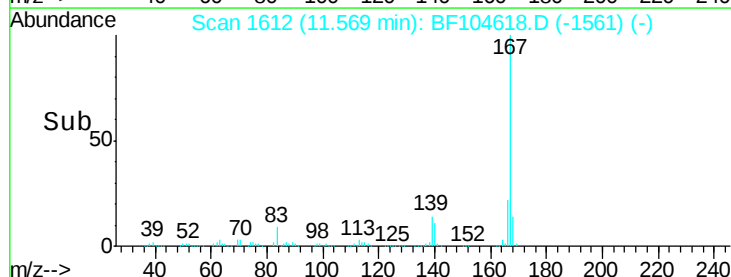
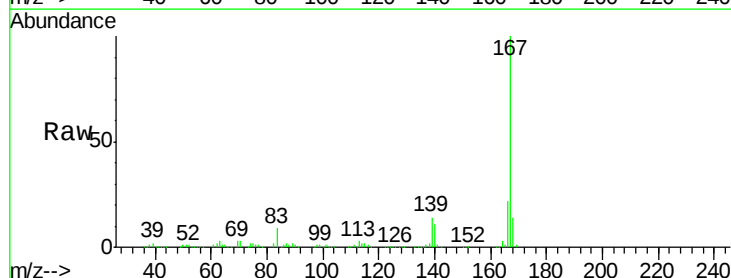
Tgt Ion:167 Resp: 1280105

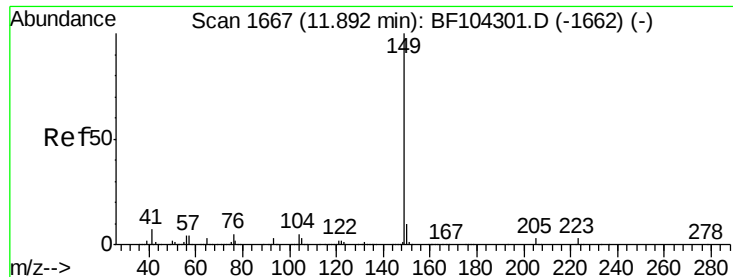
Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

139 13.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 35.246 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

Instrument :

BNA_F

ClientSampleId :

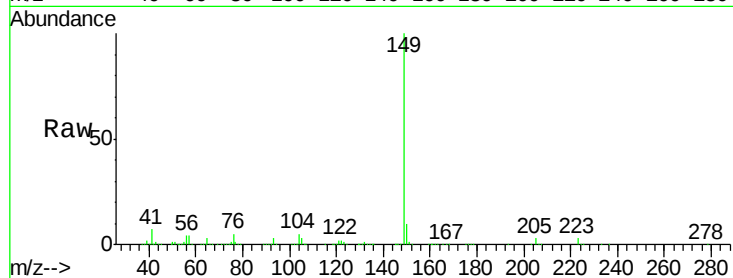
Tot Ion:149 Resp: 1465650

Ion Ratio Lower Upper

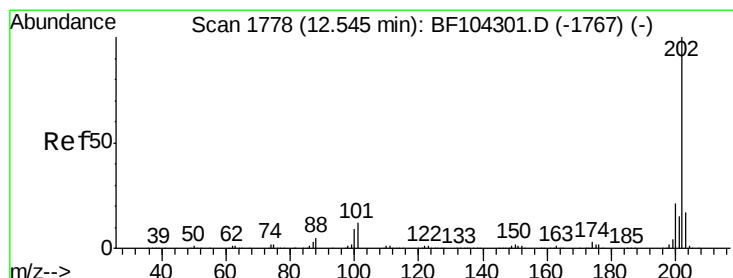
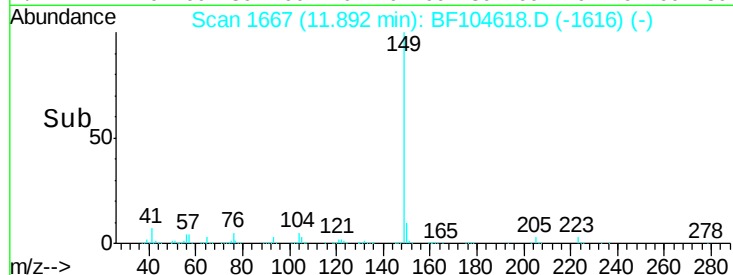
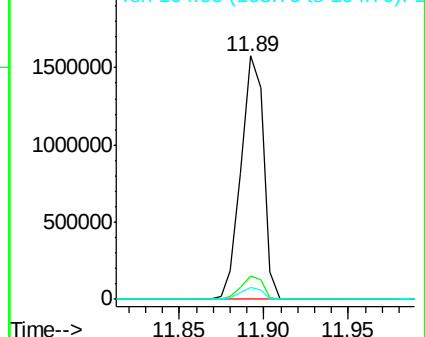
149 100

150 9.6 7.8 11.6

104 5.0 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: 36.875 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

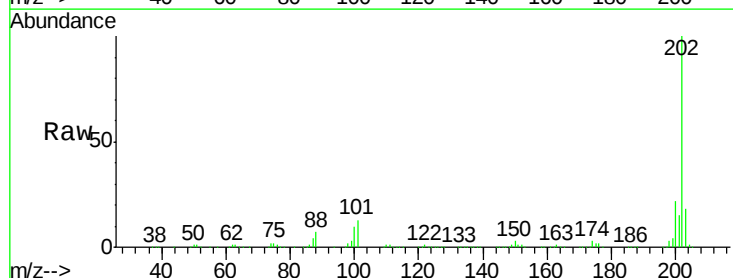
Tgt Ion:202 Resp: 1320353

Ion Ratio Lower Upper

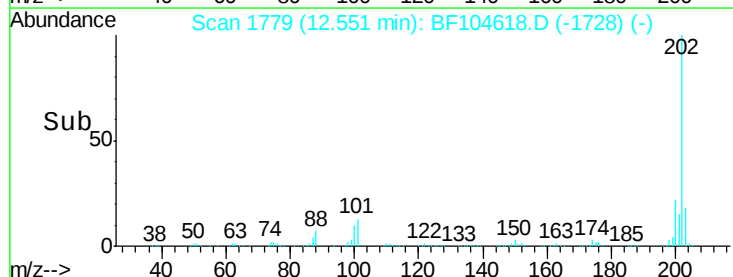
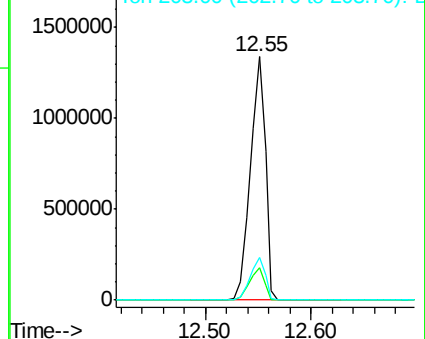
202 100

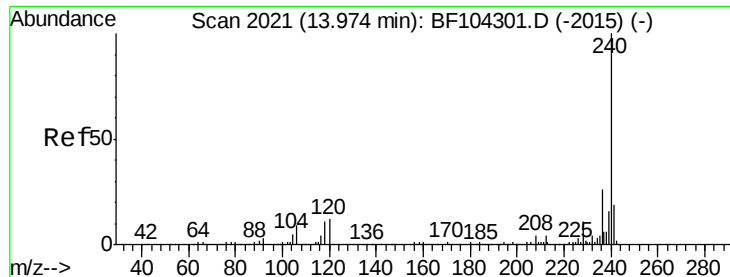
101 13.2 0.0 34.1

203 17.7 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

Instrument :

BNA_F

ClientSampleId :

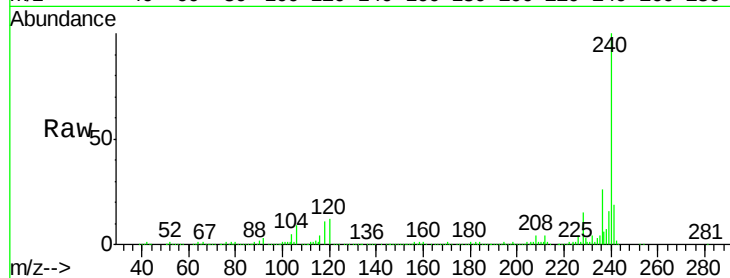
Tot Ion:240 Resp: 458155

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

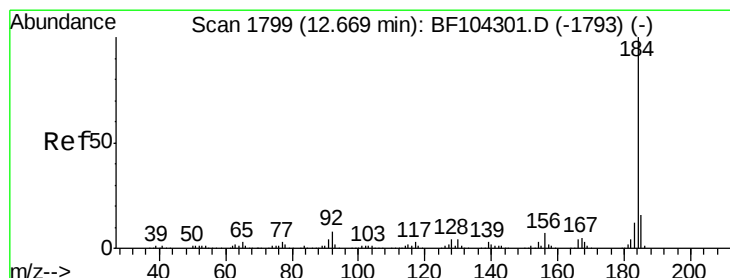
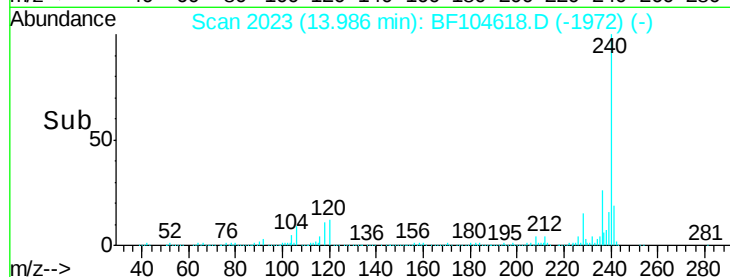
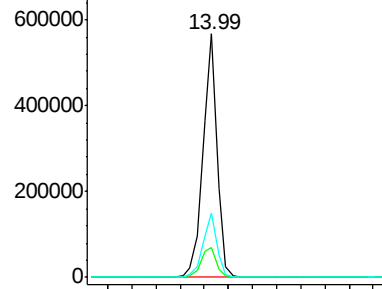
236 26.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.429 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

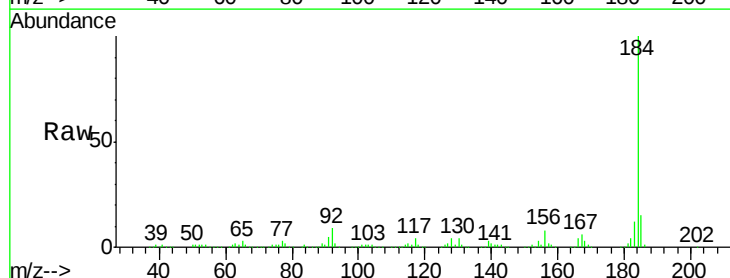
Tgt Ion:184 Resp: 647844

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

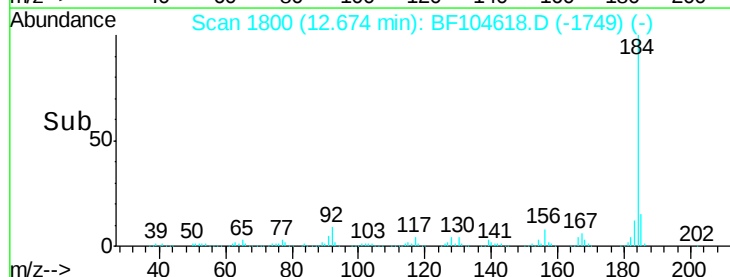
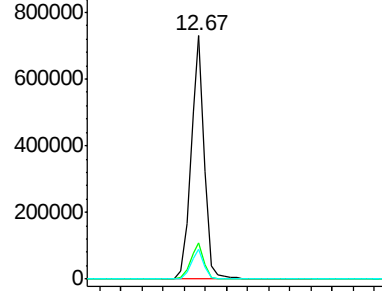
183 12.0 9.3 13.9

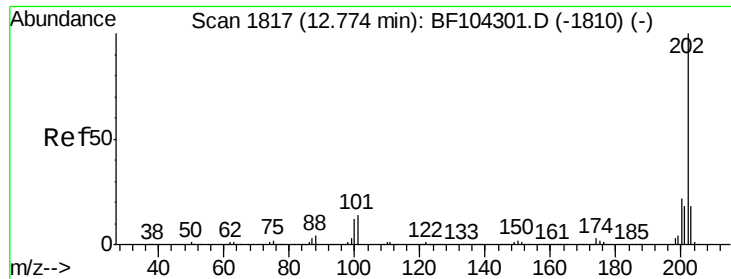


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



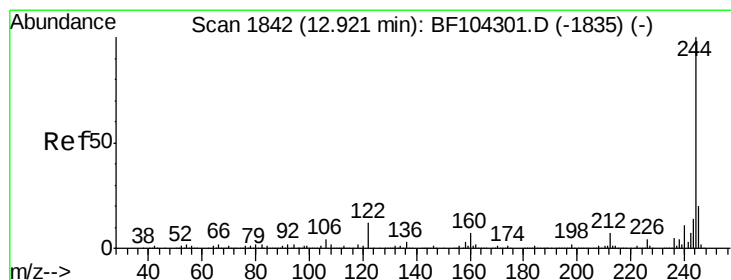
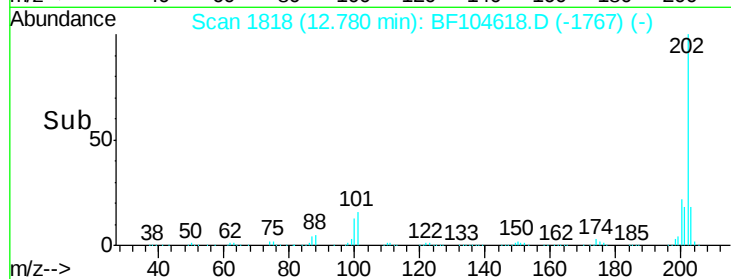
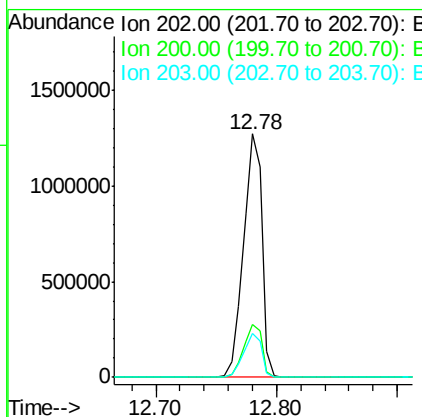
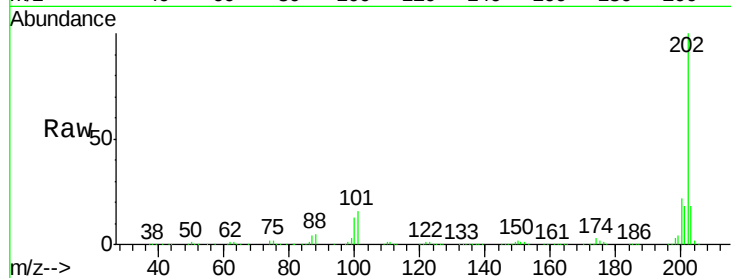


#77
 Pvrene
 Concen: 39.984 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BF104618.D
 Acq: 19 Apr 2018 9:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1357859

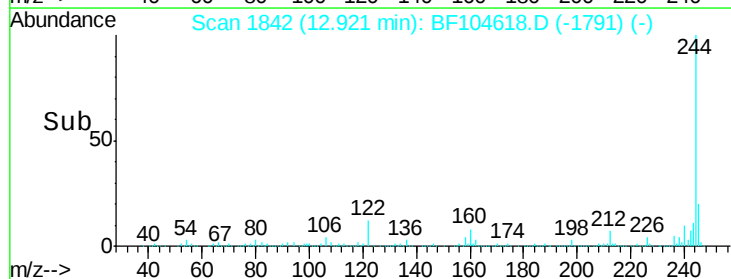
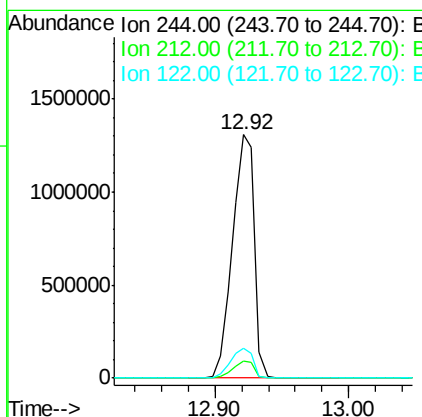
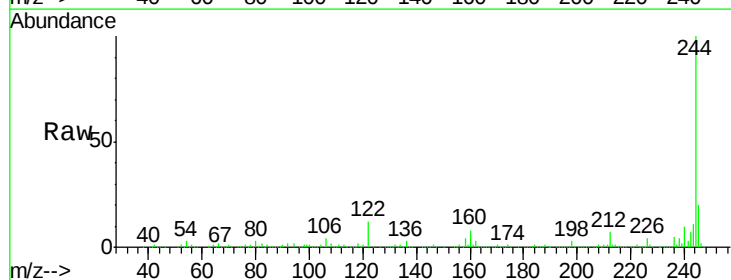
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	18.3	14.3	21.5

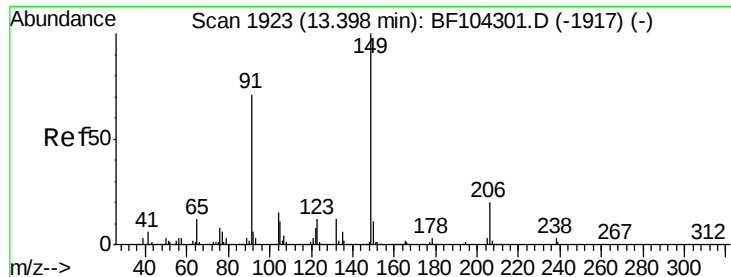


#78
 Terphenyl-d14
 Concen: 74.735 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF104618.D
 Acq: 19 Apr 2018 9:21

Tgt Ion:244 Resp: 1501883

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.5	11.0	16.4

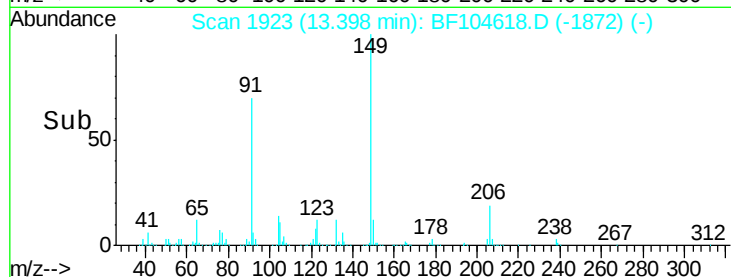
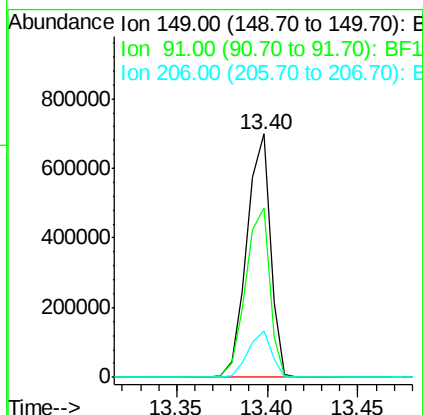
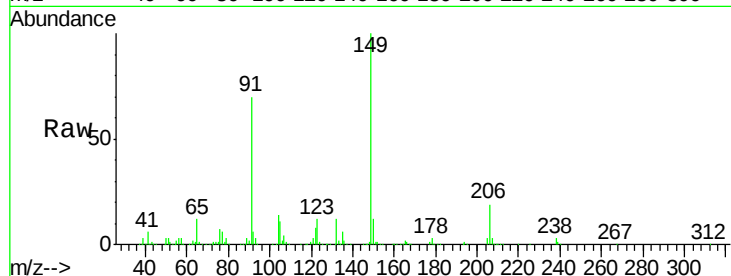




#79
Butylbenzylphthalate
Concen: 39.596 ng
RT: 13.40 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

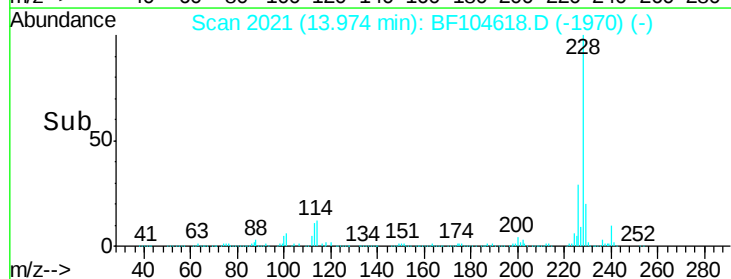
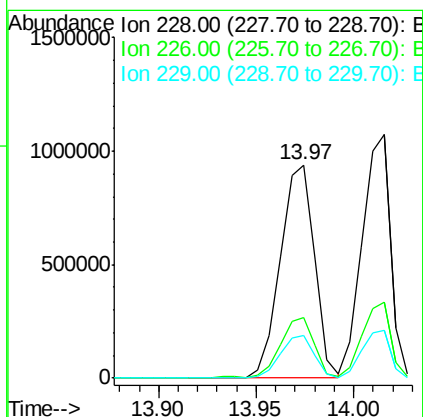
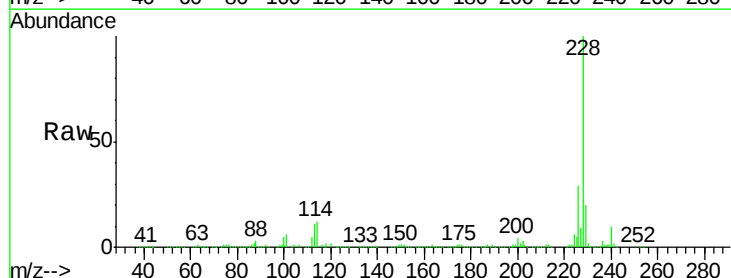
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.5	56.8	85.2
206	19.0	14.1	21.1



#80
Benzo(a)anthracene
Concen: 41.613 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	19.8	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 39.584 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

Instrument :

BNA_F

ClientSampleId :

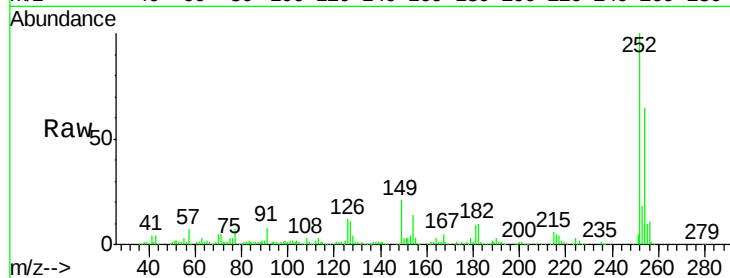
Tot Ion:252 Resp: 403968

Ion Ratio Lower Upper

252 100

254 65.1 50.4 75.6

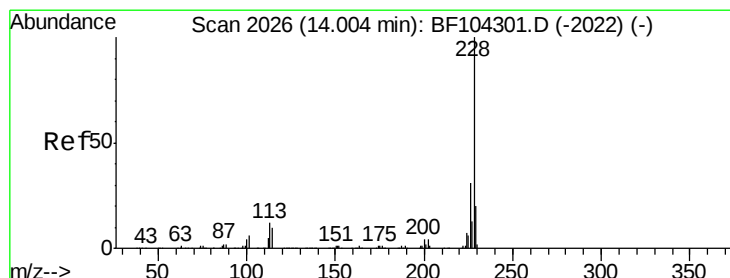
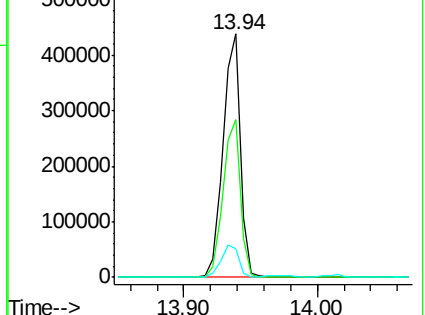
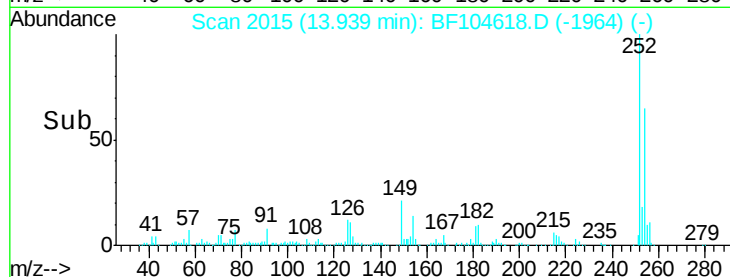
126 11.5 11.3 16.9



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: 38.411 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

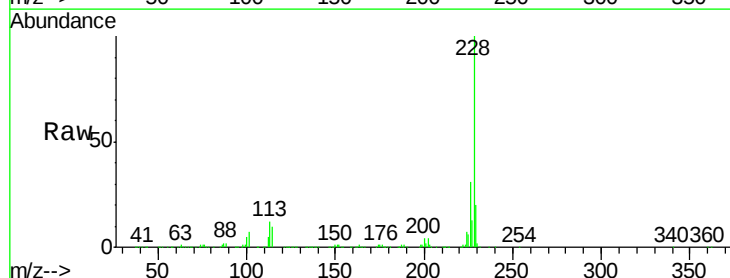
Tgt Ion:228 Resp: 1079875

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

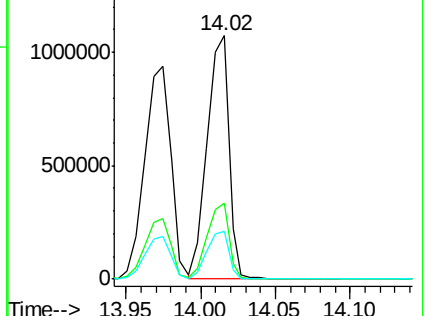
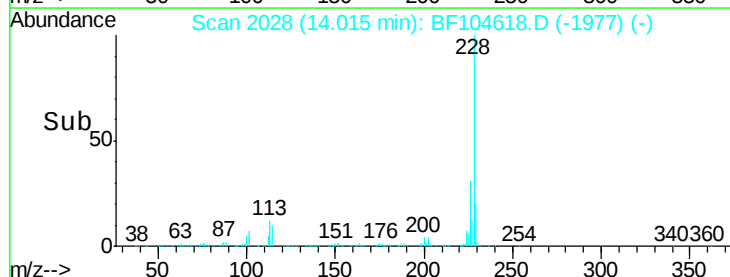
229 19.7 16.2 24.4



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: 39.435 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

Instrument :

BNA_F

ClientSampled :

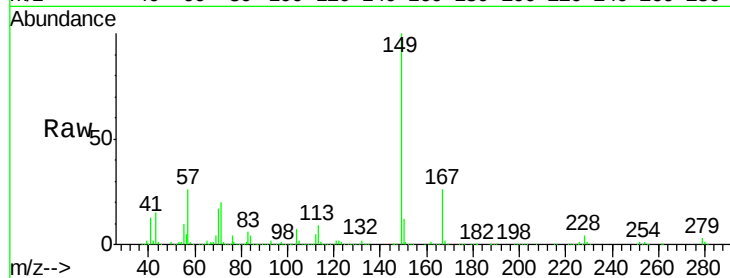
Tot Ion:149 Resp: 811518

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

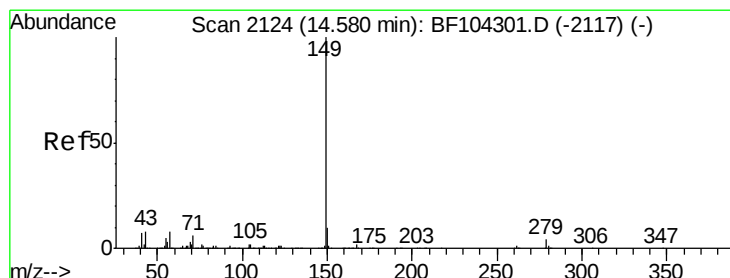
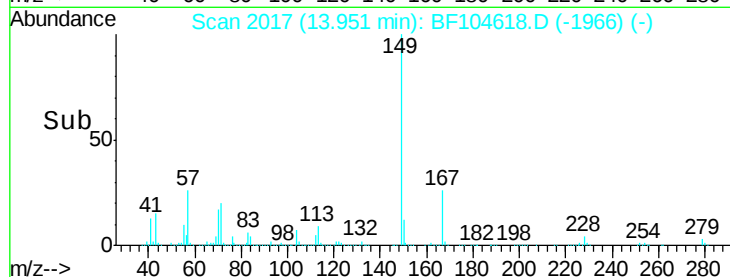
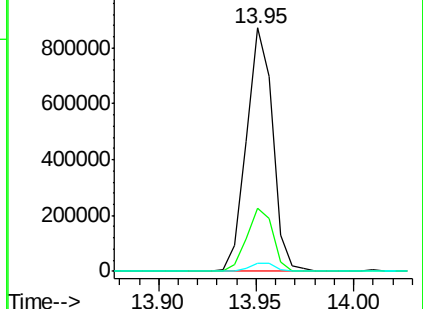
279 3.3 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.244 ng

RT: 14.57 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

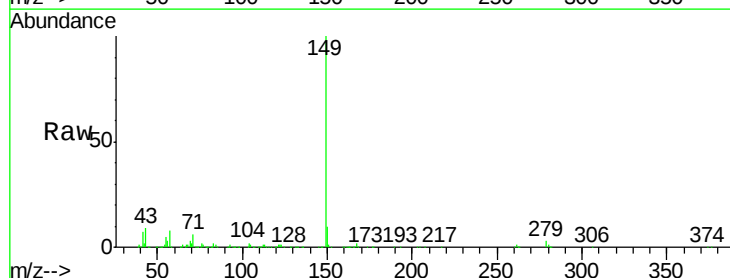
Tgt Ion:149 Resp: 1246259

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

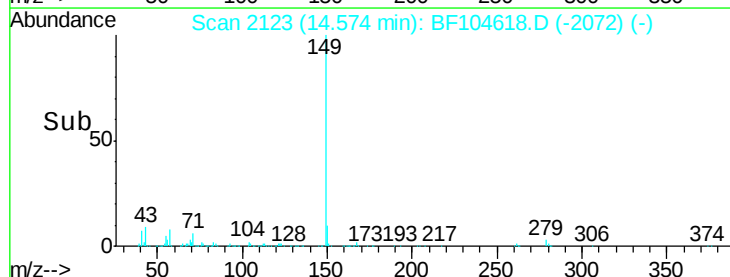
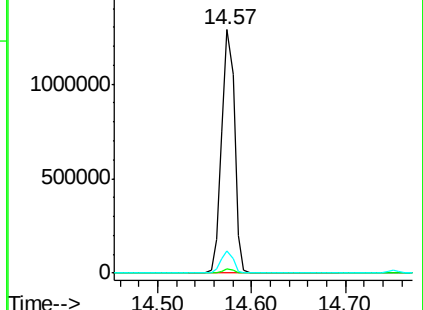
43 8.5 8.4 12.6

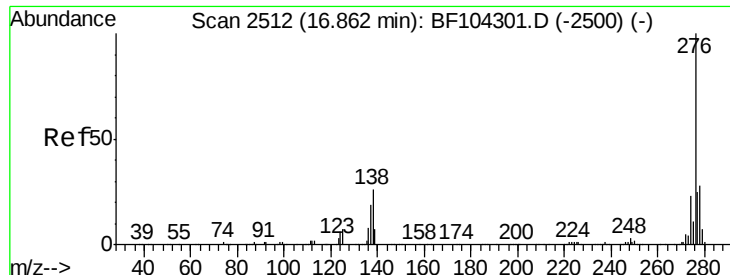


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

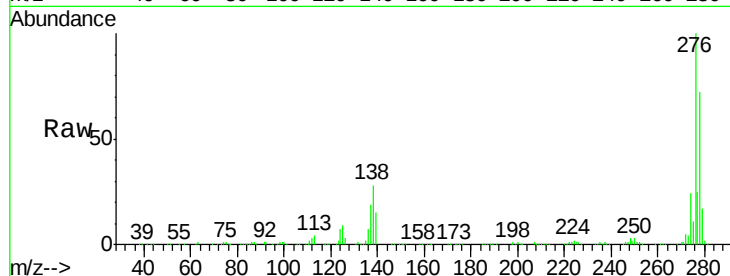




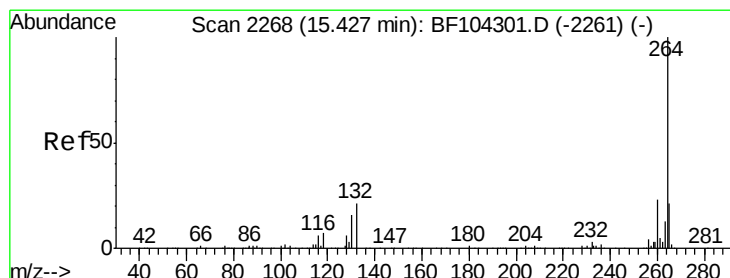
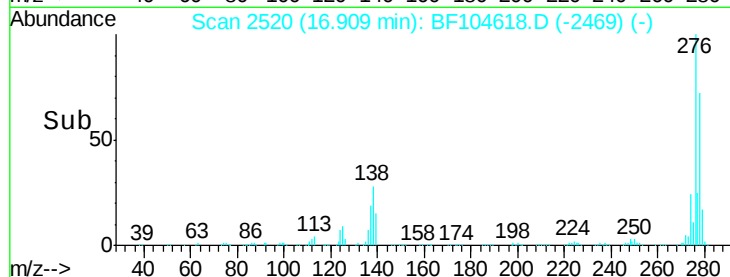
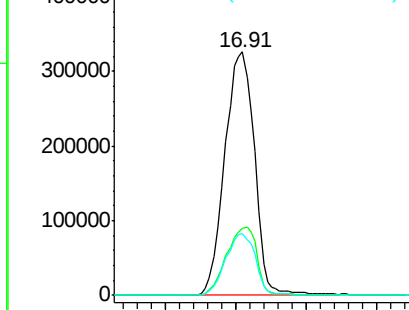
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.014 ng
 RT: 16.91 min Scan# 2520
 Delta R.T. 0.00 min
 Lab File: BF104618.D
 Acq: 19 Apr 2018 9:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.9	25.0	37.6
277	25.6	20.1	30.1

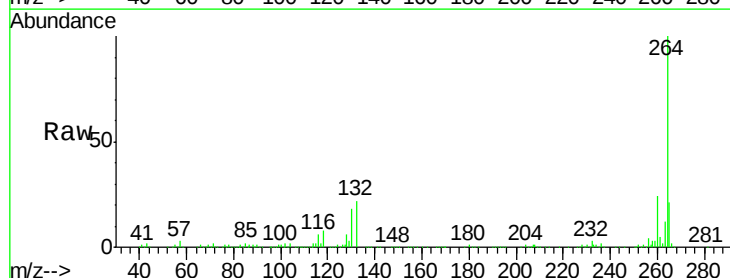


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

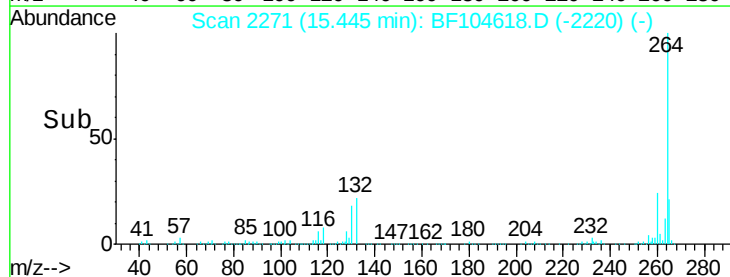
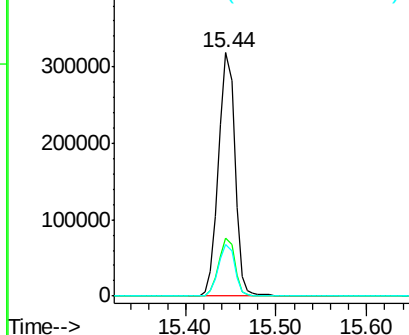


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BF104618.D
 Acq: 19 Apr 2018 9:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.0	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

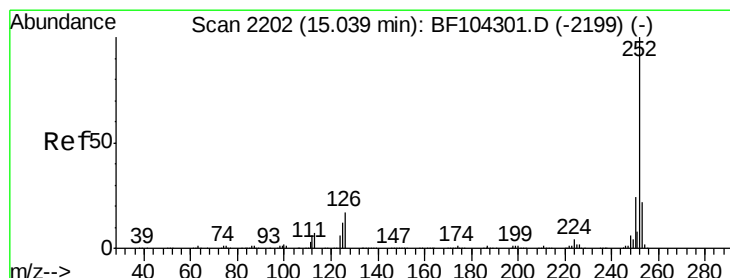
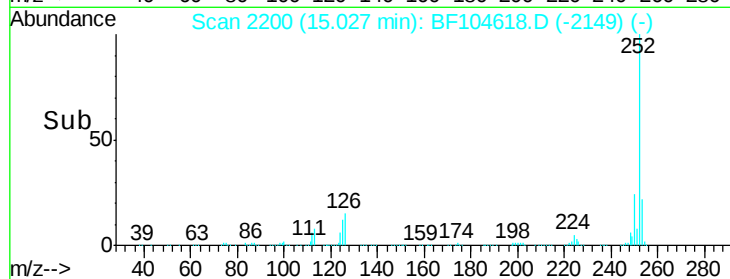
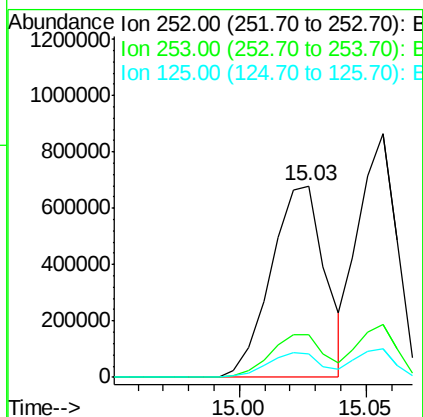
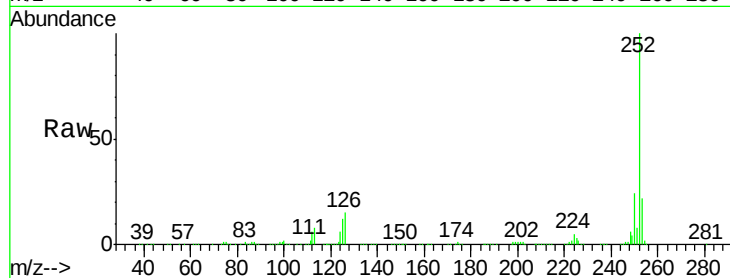




#87
Benzo(b)fluoranthene
Concen: 39.939 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

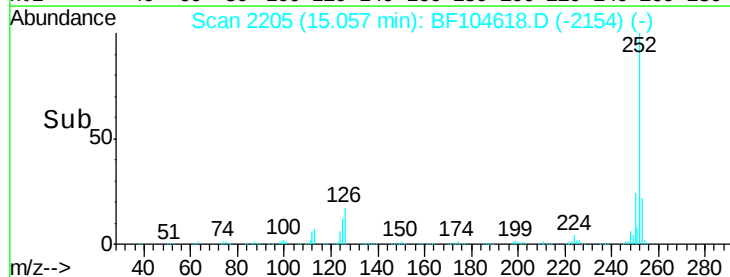
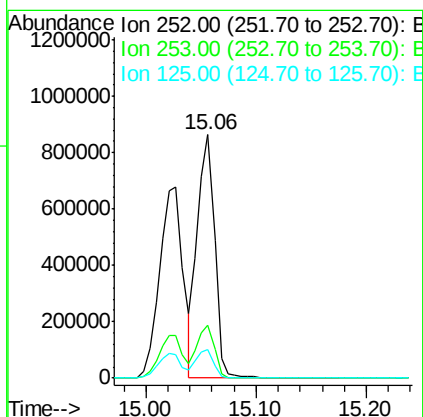
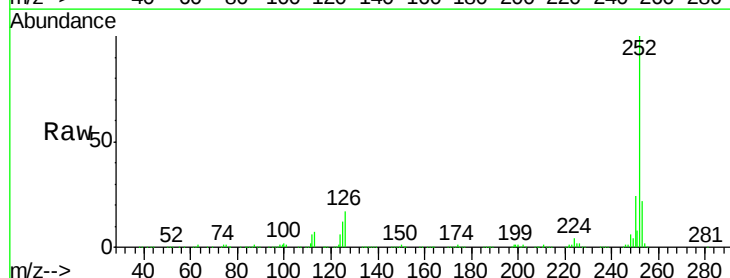
Instrument :
BNA_F
ClientSampled :

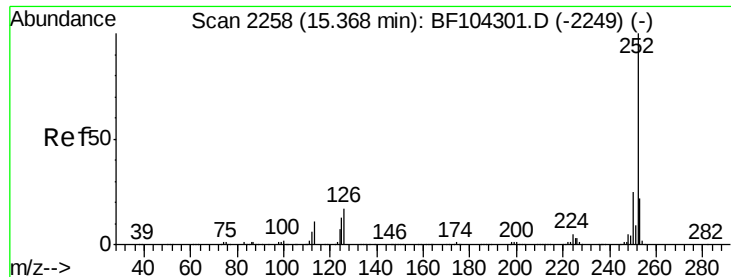
Tot Ion:252 Resp: 1010543
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 12.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 38.578 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

Tgt Ion:252 Resp: 921530
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 11.8 10.2 15.2

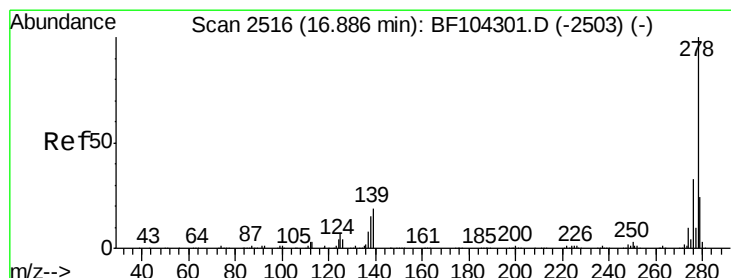
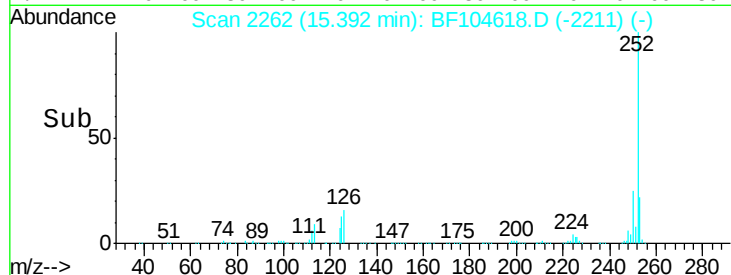
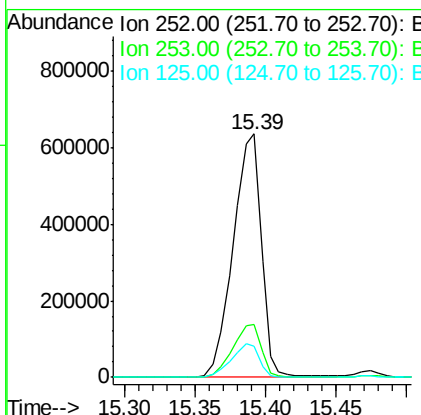
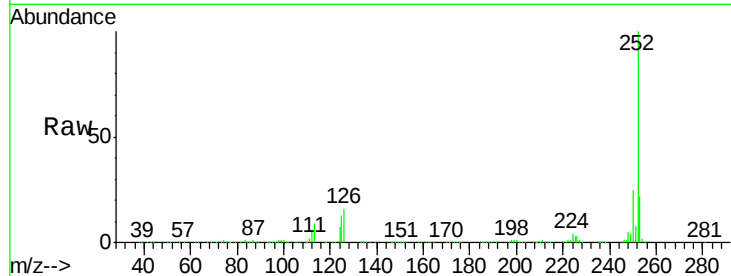




#89
Benzo(a)pyrene
Concen: 39.329 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

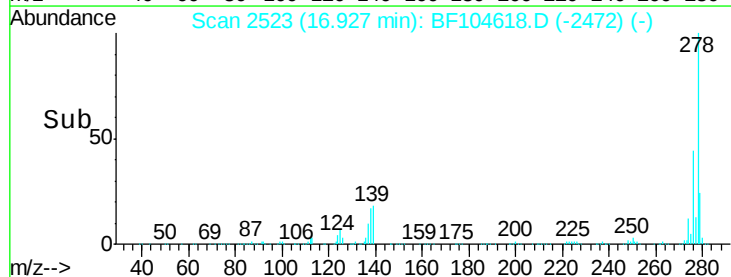
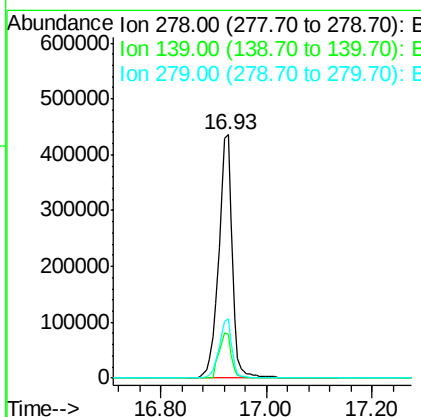
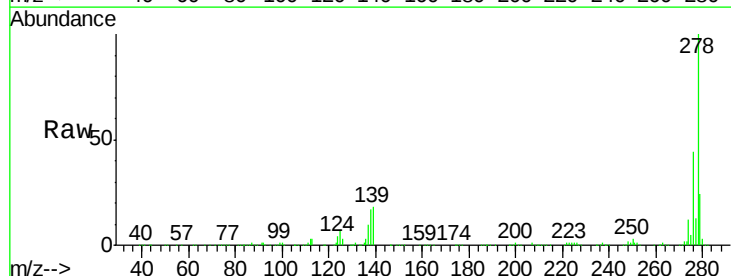
Instrument :
BNA_F
ClientSampleId :

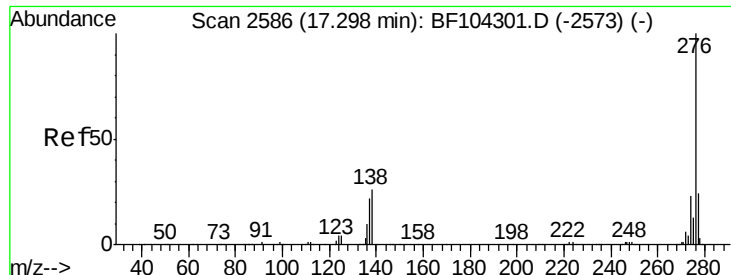
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	12.9	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 42.058 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.00 min
Lab File: BF104618.D
Acq: 19 Apr 2018 9:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.9	23.9
279	24.2	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 43.364 ng

RT: 17.35 min Scan# 2595

Delta R.T. 0.00 min

Lab File: BF104618.D

Acq: 19 Apr 2018 9:21

Instrument :

BNA_F

ClientSampleId :

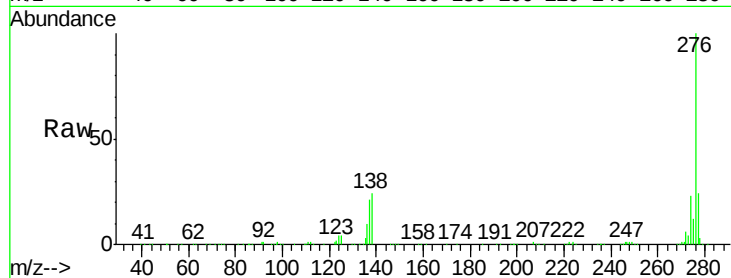
Tot Ion:276 Resp: 781168

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 24.1 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

