

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072418\
 Data File : BF107614.D
 Acq On : 24 Jul 2018 13:10
 Operator : JU/SJ
 Sample : PB111380BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111380BS

Quant Time: Jul 25 01:00:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	270219	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	1059782	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	502139	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	1040602	20.00	ng	0.00
75) Chrysene-d12	14.16	240	796022	20.00	ng	0.00
86) Perylene-d12	15.69	264	712880	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1807688	107.56	ng	0.01
7) Phenol-d6	6.61	99	2109332	104.52	ng	0.00
23) Nitrobenzene-d5	7.54	82	1381980	88.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	740005	129.60	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2545965	87.55	ng	-0.01
78) Terphenyl-d14	13.09	244	2717284	87.39	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.92	88	208993	26.716	ng	# 86
3) Pyridine	3.70	79	573646	26.956	ng	86
4) n-Nitrosodimethylamine	3.65	42	278000	30.973	ng	95
6) Aniline	6.64	93	665647	25.574	ng	# 80
8) 2-Chlorophenol	6.76	128	658849	36.591	ng	94
9) Benzaldehyde	6.52	77	413867	32.191	ng	95
10) Phenol	6.62	94	772839	32.563	ng	89
11) bis(2-Chloroethyl)ether	6.70	93	642687	32.663	ng	93
12) 1,3-Dichlorobenzene	6.91	146	696172	34.101	ng	97
13) 1,4-Dichlorobenzene	6.98	146	747283	35.714	ng	99
14) 1,2-Dichlorobenzene	7.14	146	660020	35.149	ng	98
15) Benzyl Alcohol	7.11	79	528475	38.424	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1059425	31.915	ng	78
17) 2-Methylphenol	7.22	107	559832	36.581	ng	# 90
18) Hexachloroethane	7.47	117	262113	35.715	ng	97
19) n-Nitroso-di-n-propylamine	7.38	70	446157	34.223	ng	99
20) 3+4-Methylphenols	7.38	107	712980	39.234	ng	# 65
22) Acetophenone	7.38	105	933394	37.502	ng	# 87
24) Nitrobenzene	7.55	77	692925	38.525	ng	97
25) Isophorone	7.78	82	1274213	38.003	ng	99
26) 2-Nitrophenol	7.87	139	387487	51.016	ng	96
27) 2,4-Dimethylphenol	7.90	122	607984	42.288	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	809571	36.130	ng	100
29) 2,4-Dichlorophenol	8.11	162	592331	40.308	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	599895	36.347	ng	99
31) Naphthalene	8.27	128	1920825	41.217	ng	98
32) Benzoic acid	8.00	122	101932	16.384	ng	96
33) 4-Chloroaniline	8.32	127	366075	17.972	ng	99
34) Hexachlorobutadiene	8.38	225	355025	36.200	ng	99
35) Caprolactam	8.70	113	79716	16.678	ng	# 80
36) 4-Chloro-3-methylphenol	8.81	107	658058	40.313	ng	99
37) 2-Methylnaphthalene	8.97	142	1348688	41.763	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	617986	36.898	ng	98
40) Hexachlorocyclopentadiene	9.11	237	726125	85.287	ng	98

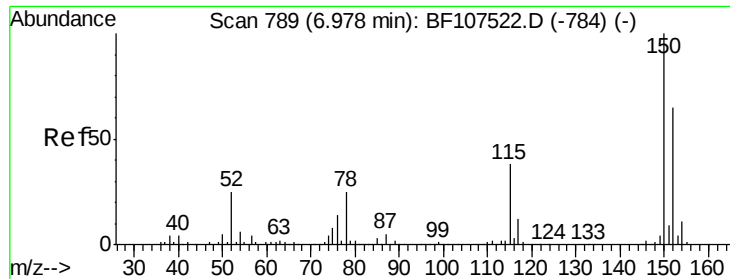
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072418\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	422999	39.457	ng	99
43) 2,4,5-Trichlorophenol	9.30	196	473221	42.235	ng	93
45) 1,1'-Biphenyl	9.43	154	1642260	37.544	ng	98
46) 2-Chloronaphthalene	9.46	162	1225985	36.668	ng	99
47) 2-Nitroaniline	9.56	65	447678	45.927	ng	89
48) Acenaphthylene	9.88	152	2008184	39.983	ng	97
49) Dimethylphthalate	9.73	163	1429021	37.760	ng	99
50) 2,6-Dinitrotoluene	9.80	165	327473	43.584	ng	93
51) Acenaphthene	10.05	154	1127359	35.824	ng	99
52) 3-Nitroaniline	9.98	138	251346	27.497	ng	97
53) 2,4-Dinitrophenol	10.08	184	191819	61.648	ng #	26
54) Dibenzofuran	10.22	168	1749246	37.757	ng	96
55) 4-Nitrophenol	10.15	139	528907	77.283	ng	95
56) 2,4-Dinitrotoluene	10.21	165	424579	46.813	ng #	95
57) Fluorene	10.57	166	1400699	42.378	ng	94
58) 2,3,4,6-Tetrachlorophenol	10.34	232	397519	42.630	ng #	87
59) Diethylphthalate	10.42	149	1488121	37.651	ng	98
60) 4-Chlorophenyl-phenylether	10.55	204	693816	37.132	ng	96
61) 4-Nitroaniline	10.60	138	384755	50.100	ng	95
62) Azobenzene	10.71	77	1373821	37.069	ng	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	175226	37.253	ng	91
65) n-Nitrosodiphenylamine	10.68	169	1259331	35.633	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	441626	36.052	ng	90
67) Hexachlorobenzene	11.11	284	486528	36.097	ng #	84
68) Atrazine	11.20	200	401028	37.165	ng	95
69) Pentachlorophenol	11.31	266	447192	53.118	ng	98
70) Phenanthrene	11.53	178	1959628	38.645	ng	98
71) Anthracene	11.58	178	2104381	41.217	ng	97
72) Carbazole	11.74	167	2003825	37.742	ng	98
73) Di-n-butylphthalate	12.05	149	2230185	39.332	ng	98
74) Fluoranthene	12.72	202	2184211	40.140	ng	97
76) Benzidine	12.85	184	1319224	57.548	ng	98
77) Pyrene	12.96	202	2165239	39.767	ng	99
79) Butylbenzylphthalate	13.56	149	996753	42.567	ng	92
80) Benzo(a)anthracene	14.15	228	1840223	39.449	ng	97
81) 3,3'-Dichlorobenzidine	14.11	252	364088	22.758	ng #	97
82) Chrysene	14.18	228	1776433	39.643	ng	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	1221995	36.986	ng	100
84) Di-n-octyl phthalate	14.73	149	1991814	38.785	ng	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	1573002	41.419	ng #	94
87) Benzo(b)fluoranthene	15.23	252	1603108	41.089	ng	97
88) Benzo(k)fluoranthene	15.23	252	1603108	41.940	ng	98
89) Benzo(a)pyrene	15.62	252	1472602	41.263	ng	99
90) Dibenzo(a,h)anthracene	17.28	278	1312881	42.557	ng	96
91) Benzo(g,h,i)perylene	17.75	276	1313748	43.173	ng #	93

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

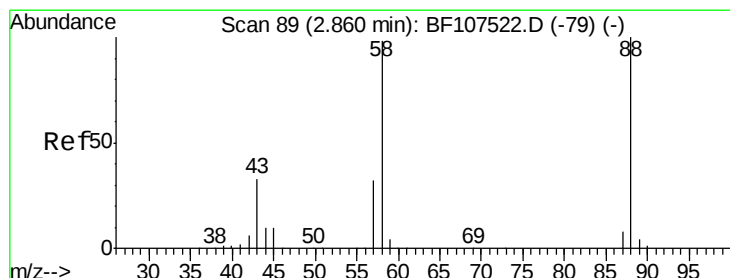
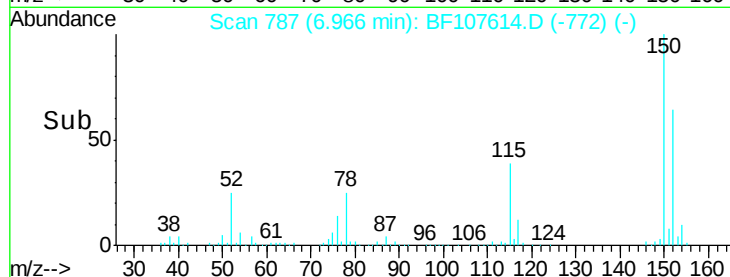
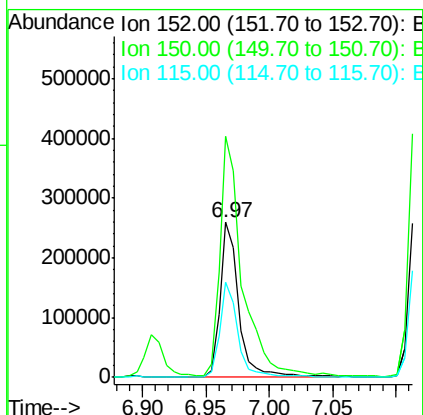
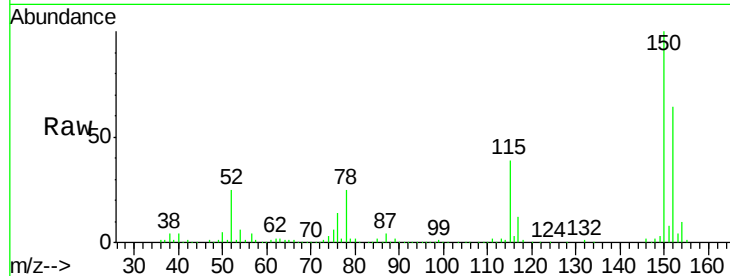


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Instrument :
BNA_F
ClientSampleId :
PB111380BS

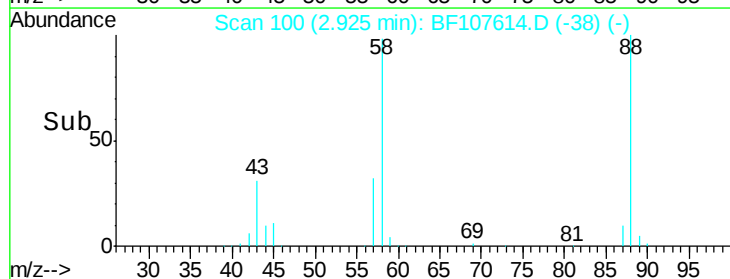
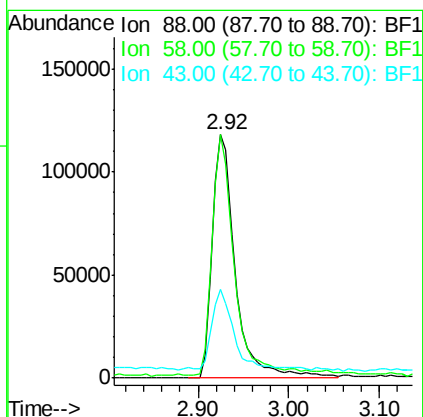
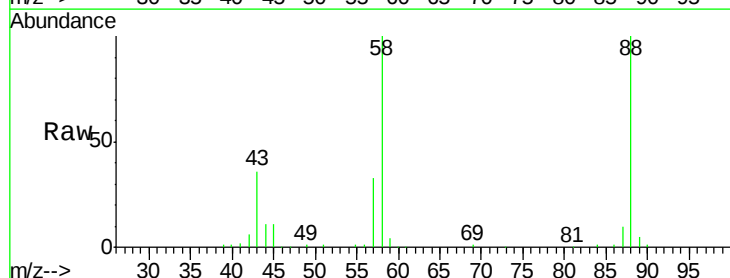
Tgt Ion:152 Resp: 270219
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 61.3 50.1 75.1

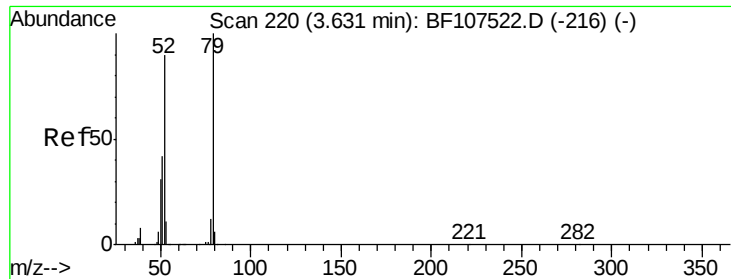


#2

1,4-Dioxane
Concen: 26.716 ng
RT: 2.92 min Scan# 100
Delta R.T. 0.06 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion: 88 Resp: 208993
Ion Ratio Lower Upper
88 100
58 95.0 62.6 93.8#
43 30.9 24.6 37.0





#3

Pyridine

Concen: 26.956 ng

RT: 3.70 min Scan# 231

Delta R.T. 0.06 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampleId :

PB111380BS

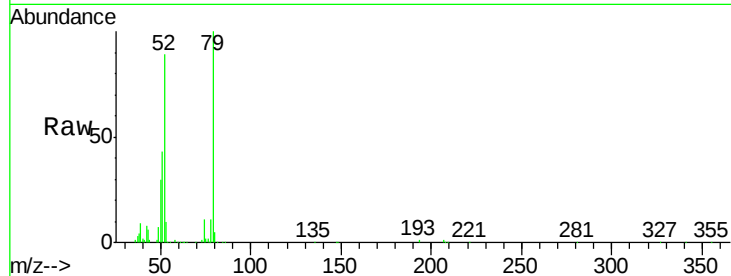
Tgt Ion: 79 Resp: 573646

Ion Ratio Lower Upper

79 100

52 88.9 59.8 89.6

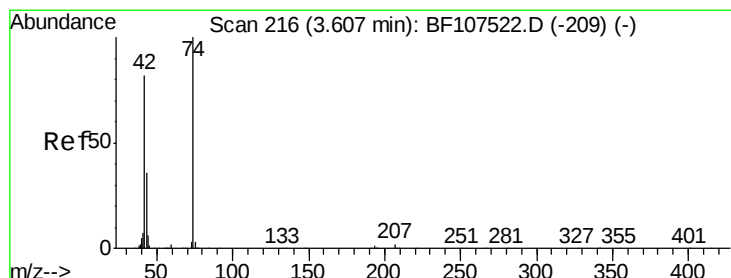
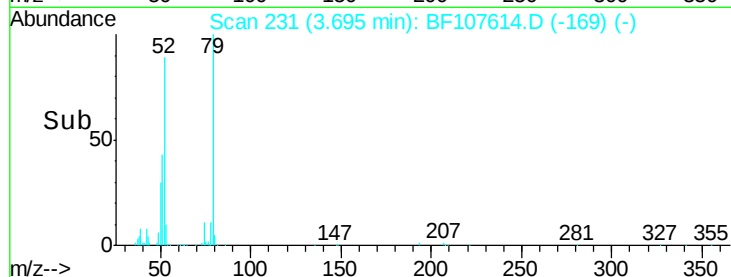
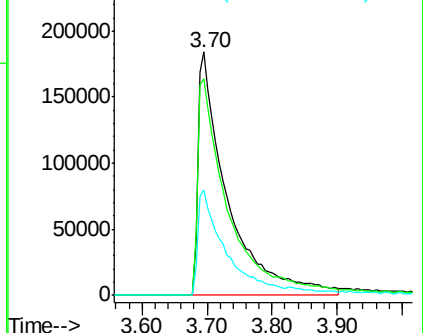
51 43.1 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 30.973 ng

RT: 3.65 min Scan# 224

Delta R.T. 0.05 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

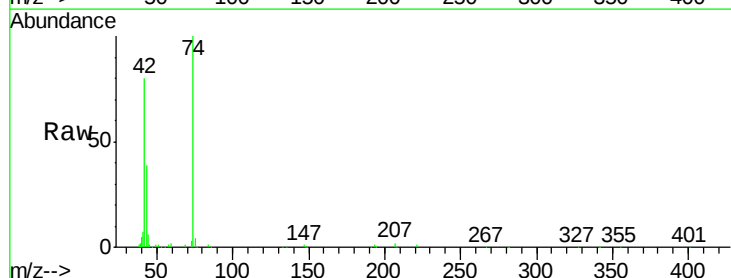
Tgt Ion: 42 Resp: 278000

Ion Ratio Lower Upper

42 100

74 125.6 104.9 157.3

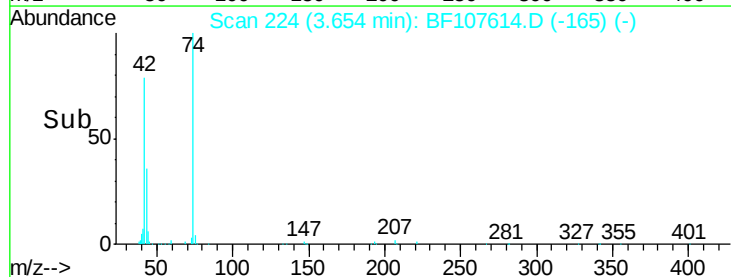
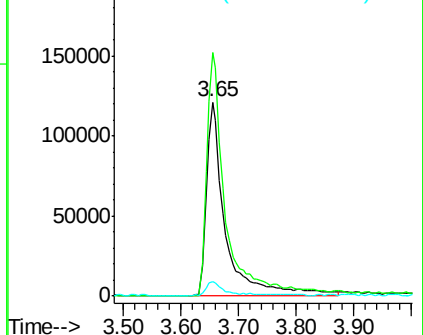
44 7.5 6.9 10.3

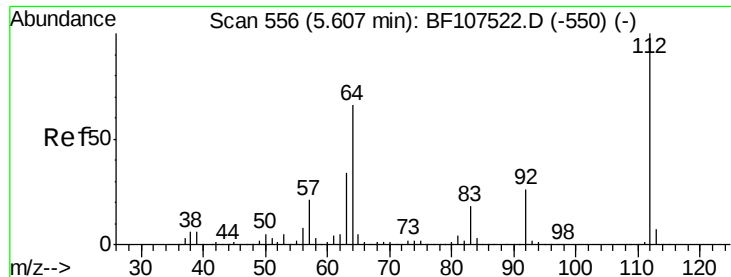


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 107.558 ng

RT: 5.62 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampleId :

PB111380BS

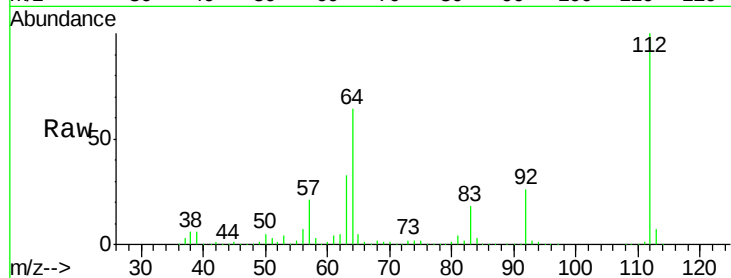
Tgt Ion:112 Resp: 1807688

Ion Ratio Lower Upper

112 100

64 63.5 47.9 71.9

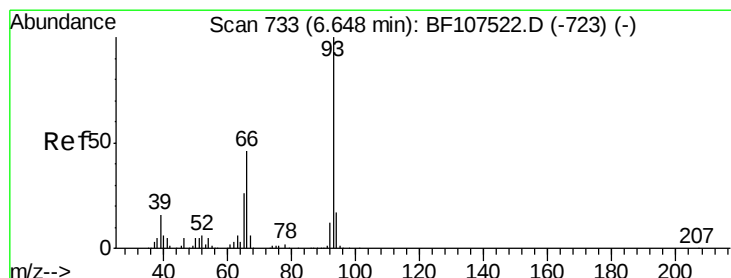
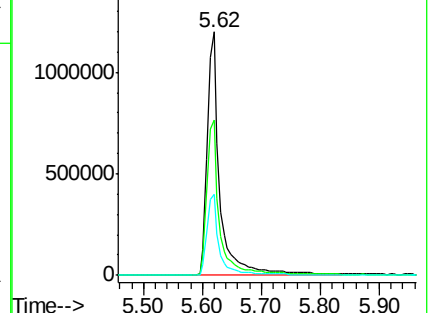
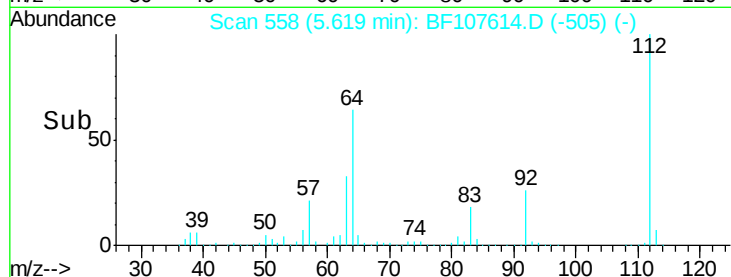
63 33.1 23.7 35.5



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: 25.574 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

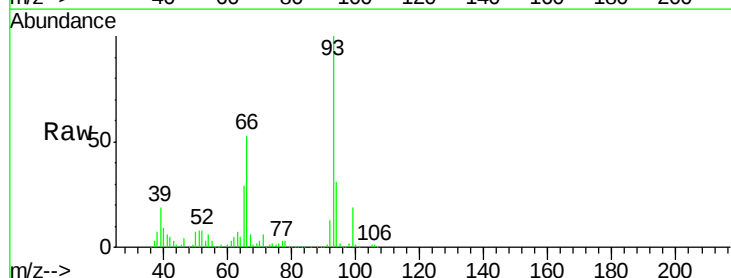
Tgt Ion: 93 Resp: 665647

Ion Ratio Lower Upper

93 100

66 53.2 32.2 48.2#

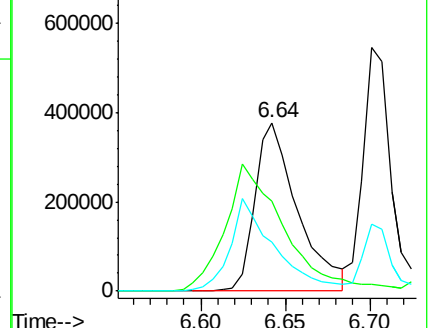
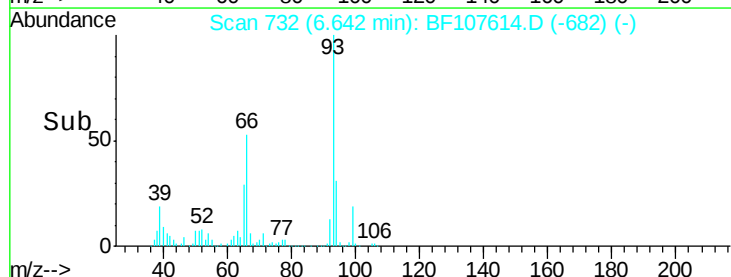
65 28.9 16.4 24.6#

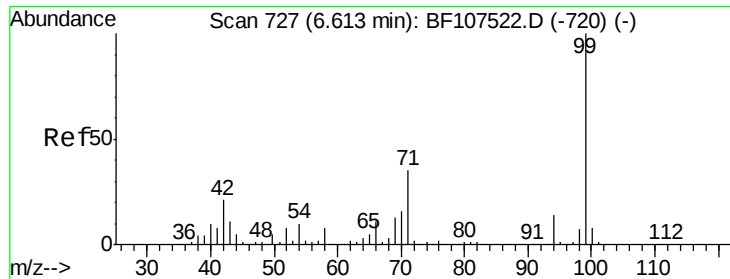


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.524 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

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PB111380BS

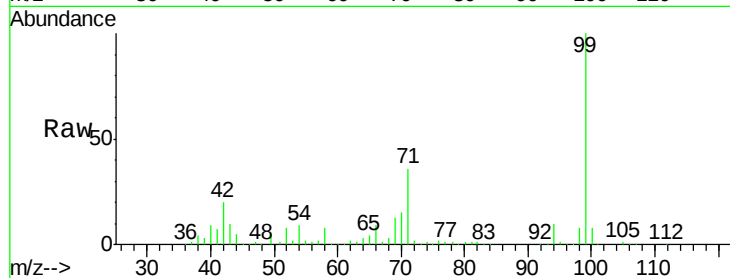
Tgt Ion: 99 Resp: 2109332

Ion Ratio Lower Upper

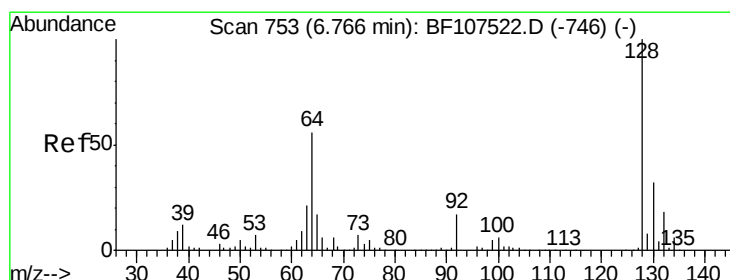
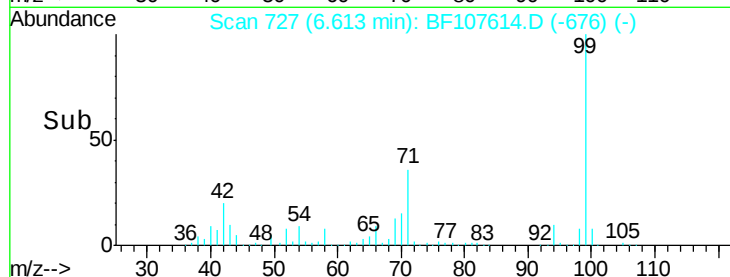
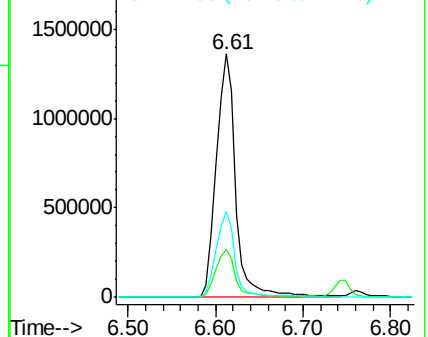
99 100

42 19.5 14.5 21.7

71 35.7 25.4 38.0



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



#8

2-Chlorophenol

Concen: 36.591 ng

RT: 6.76 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

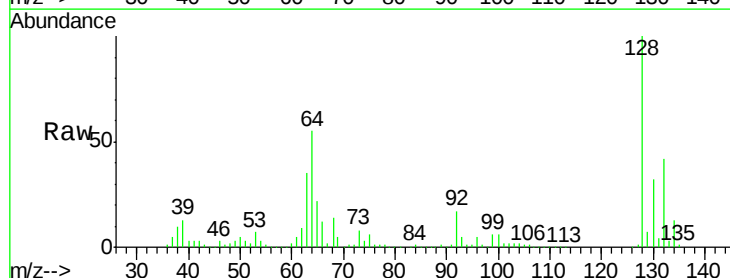
Tgt Ion: 128 Resp: 658849

Ion Ratio Lower Upper

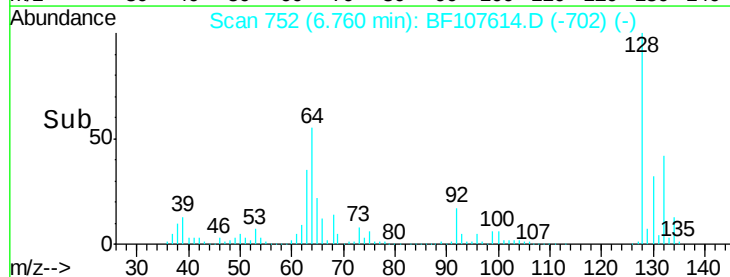
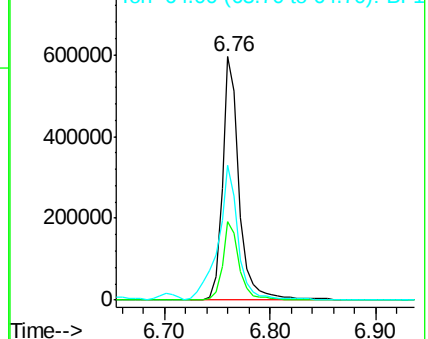
128 100

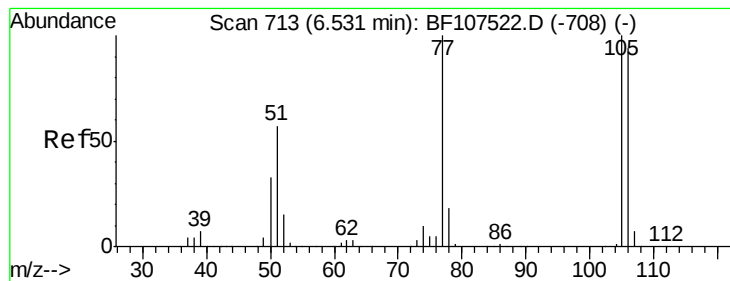
130 32.4 13.0 53.0

64 55.3 29.4 69.4



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





#9

Benzaldehyde

Concen: 32.191 ng

RT: 6.52 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampleId :

PB111380BS

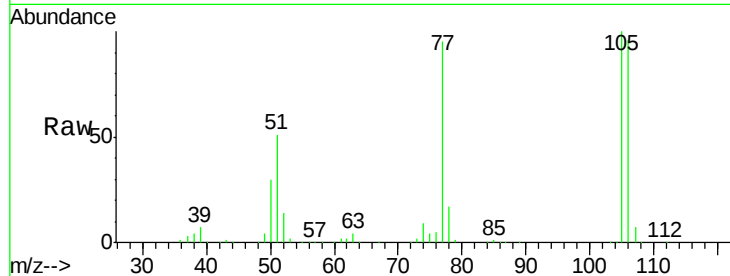
Tgt Ion: 77 Resp: 413867

Ion Ratio Lower Upper

77 100

105 104.8 81.1 121.1

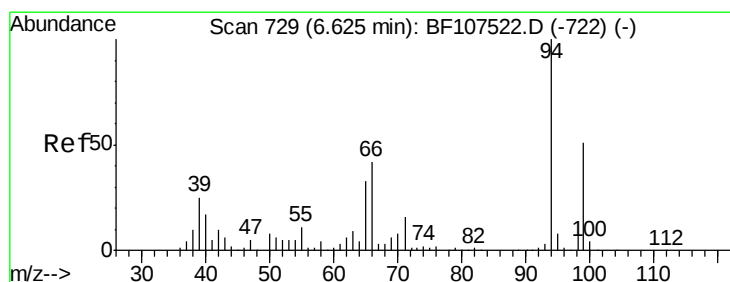
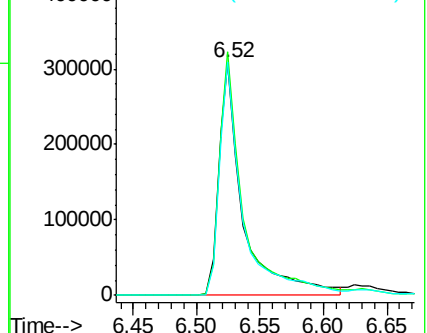
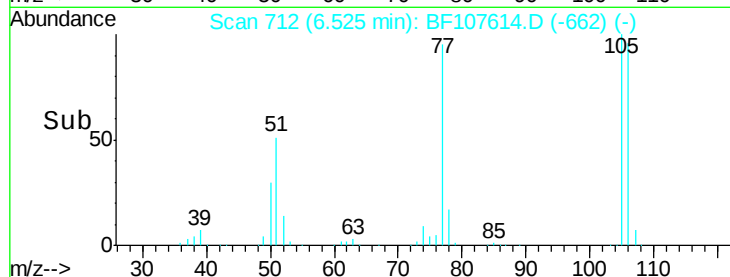
106 100.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 32.563 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

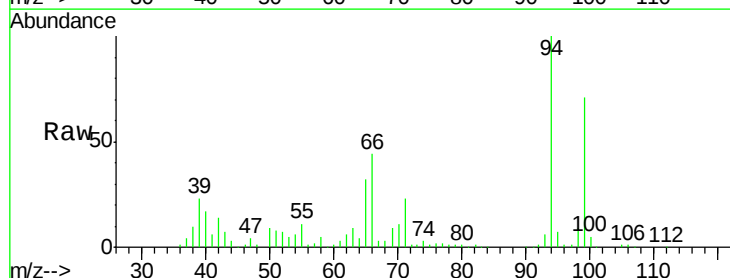
Tgt Ion: 94 Resp: 772839

Ion Ratio Lower Upper

94 100

65 32.2 7.9 47.9

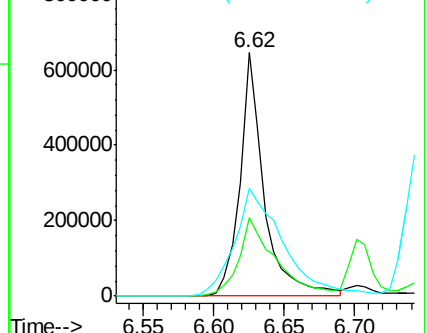
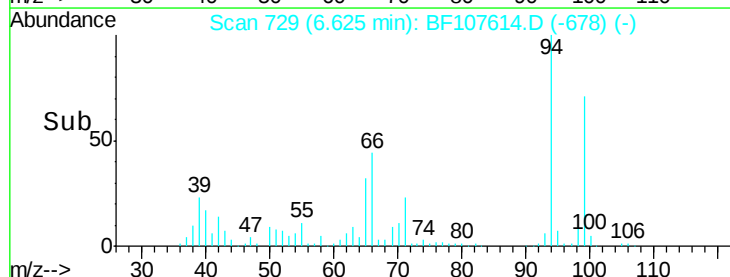
66 44.4 16.2 56.2

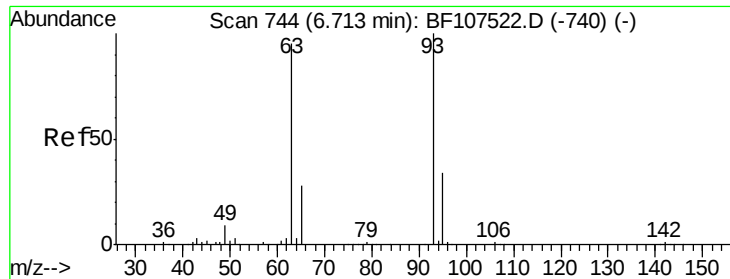


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

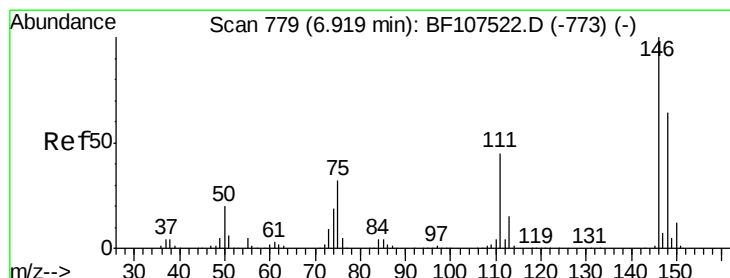
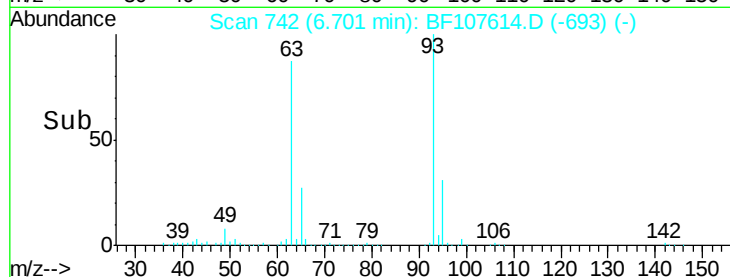
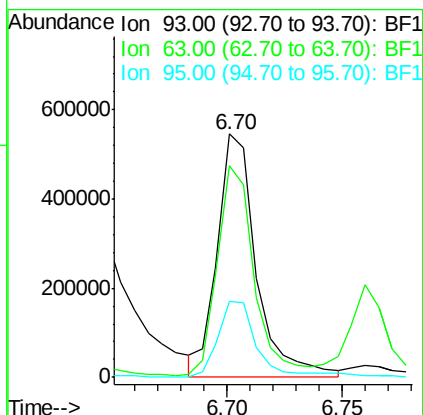
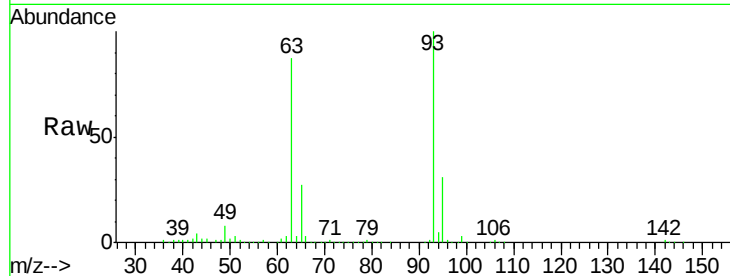




#11
bis(2-Chloroethyl)ether
Concen: 32.663 ng
RT: 6.70 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

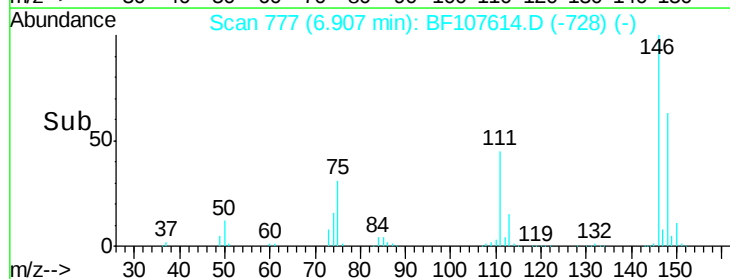
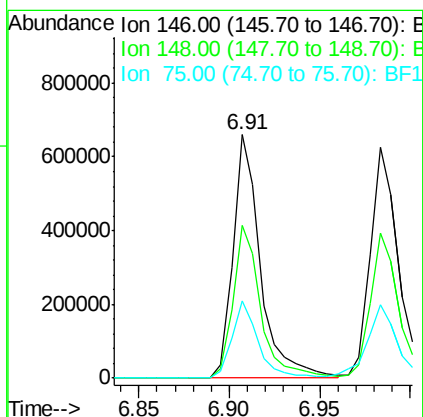
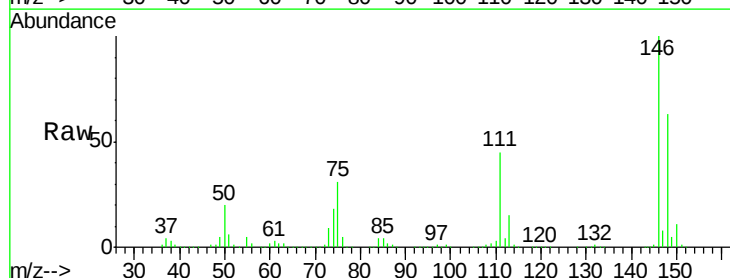
Instrument :
BNA_F
ClientSampleId :
PB111380BS

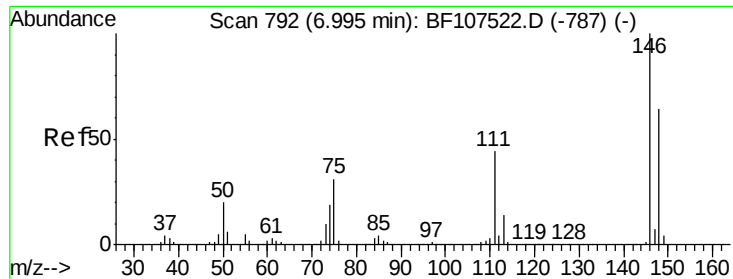
Tgt Ion: 93 Resp: 642687
Ion Ratio Lower Upper
93 100
63 86.8 58.6 98.6
95 31.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 34.101 ng
RT: 6.91 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion: 146 Resp: 696172
Ion Ratio Lower Upper
146 100
148 62.6 51.8 77.8
75 31.5 24.2 36.4

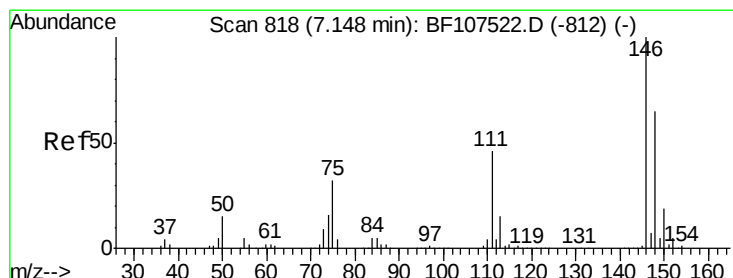
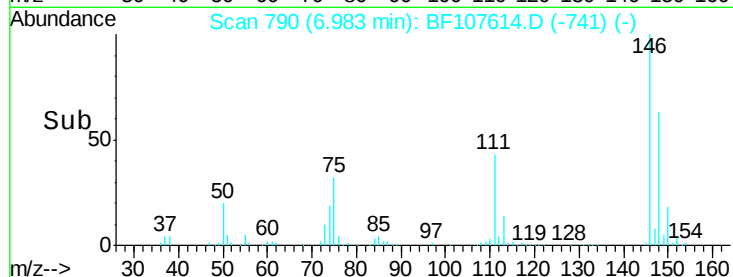
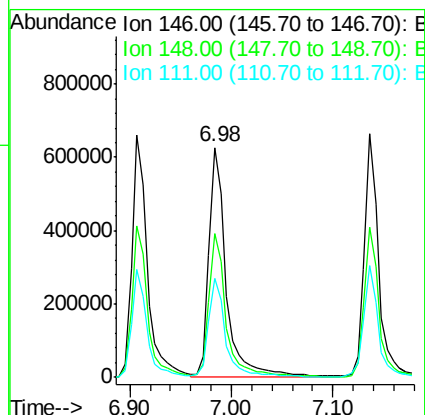
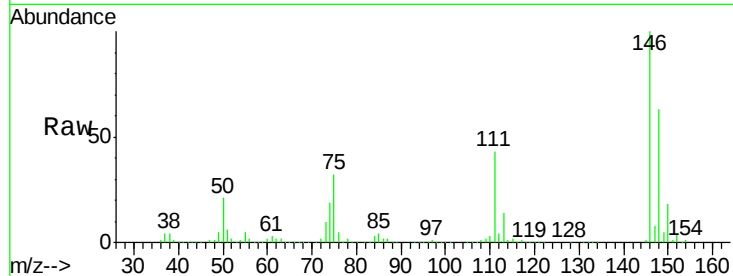




#13
 1,4-Dichlorobenzene
 Concen: 35.714 ng
 RT: 6.98 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

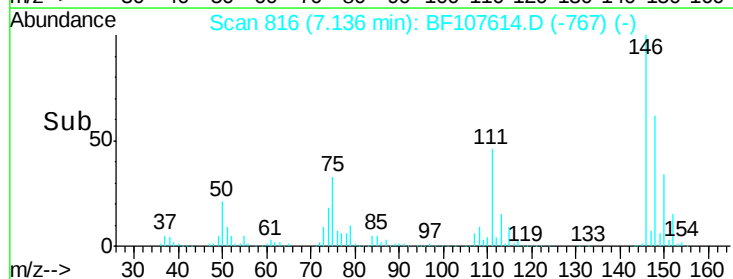
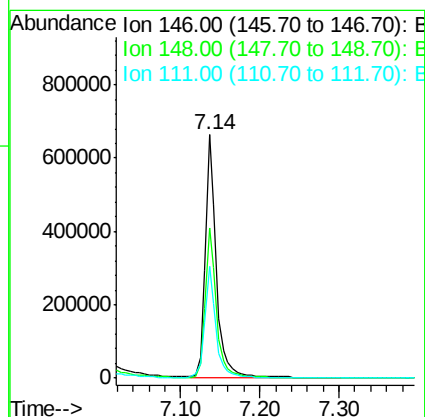
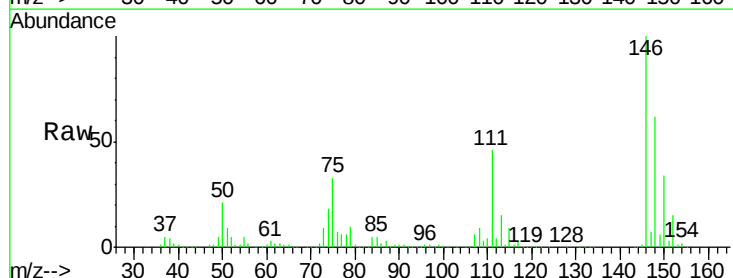
Instrument :
 BNA_F
 ClientSampleId :
 PB111380BS

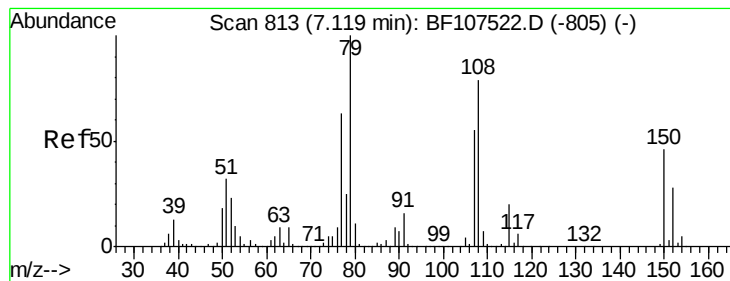
Tgt Ion:146 Resp: 747283
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.8 76.2
 111 43.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 35.149 ng
 RT: 7.14 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Tgt Ion:146 Resp: 660020
 Ion Ratio Lower Upper
 146 100
 148 61.8 50.6 75.8
 111 46.0 36.0 54.0





#15

Benzyl Alcohol

Concen: 38.424 ng

RT: 7.11 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampleId :

PB111380BS

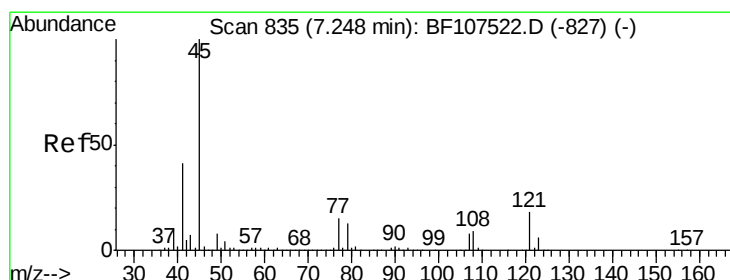
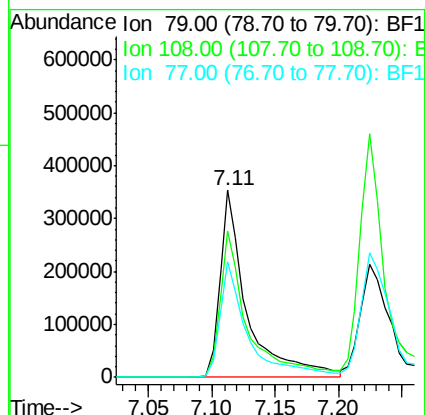
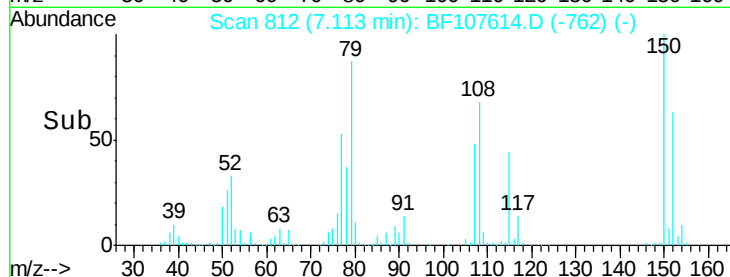
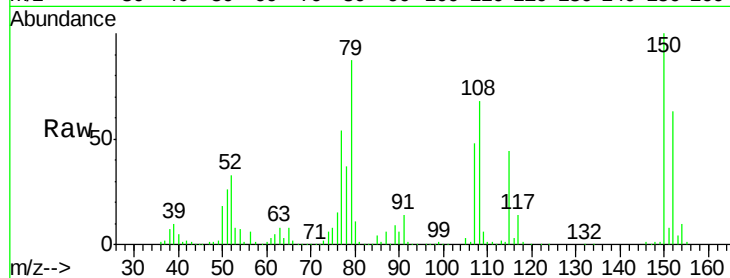
Tgt Ion: 79 Resp: 528475

Ion Ratio Lower Upper

79 100

108 78.2 65.1 97.7

77 61.8 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.915 ng

RT: 7.24 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

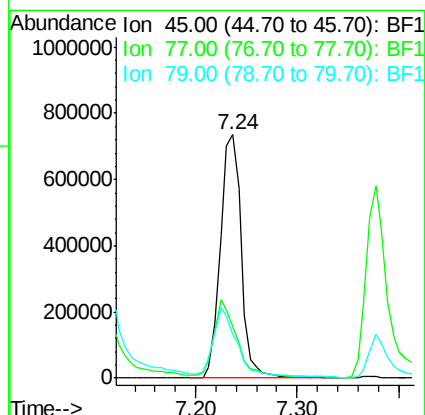
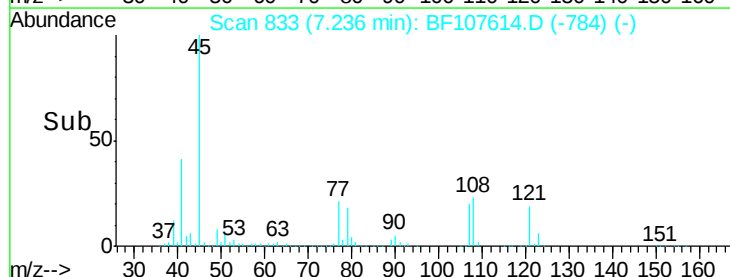
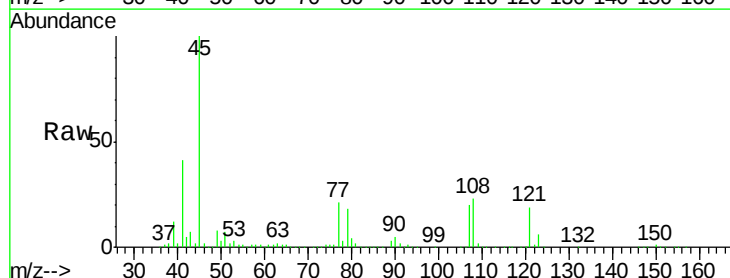
Tgt Ion: 45 Resp: 1059425

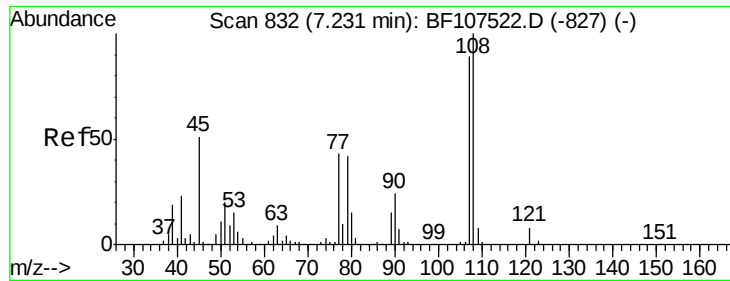
Ion Ratio Lower Upper

45 100

77 21.4 0.0 32.9

79 17.8 0.0 29.6

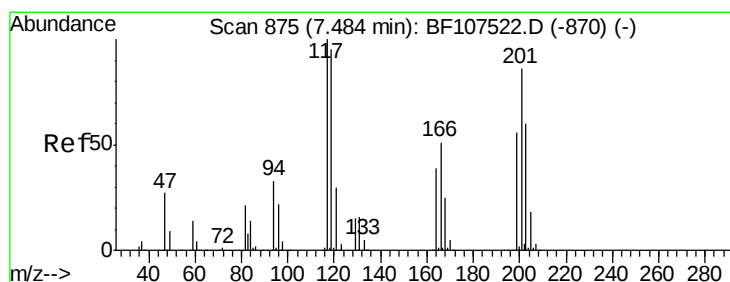
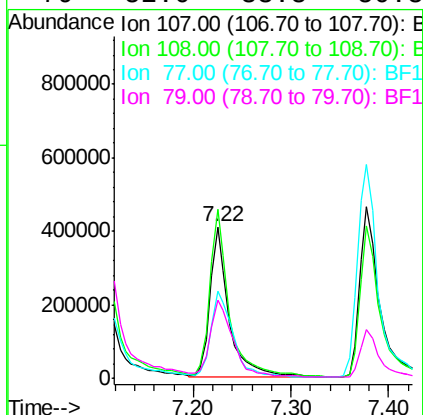
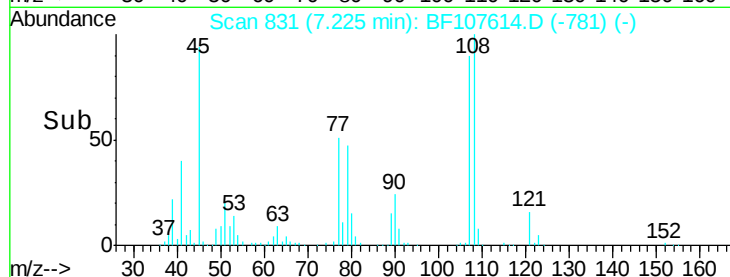
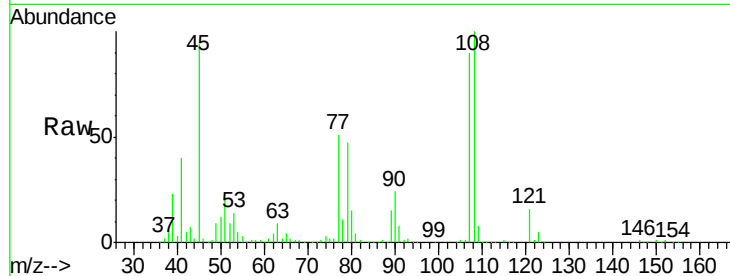




#17
2-Methylphenol
Concen: 36.581 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

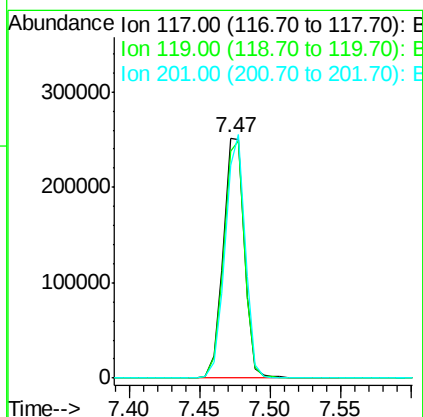
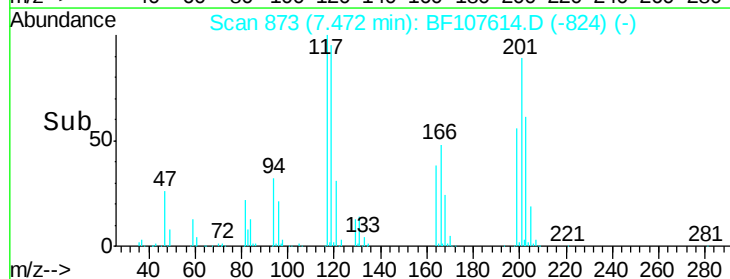
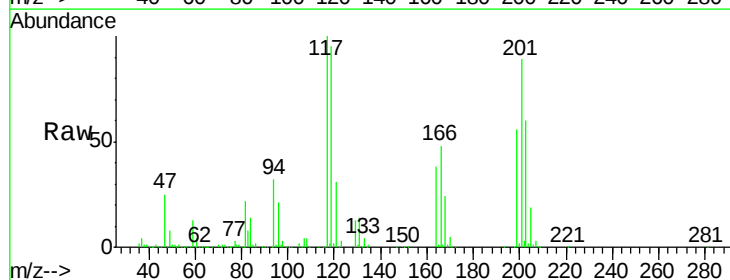
Instrument :
BNA_F
ClientSampleId :
PB111380BS

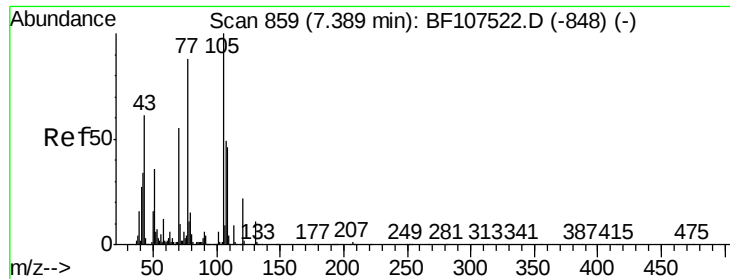
Tgt Ion:107 Resp: 559832
Ion Ratio Lower Upper
107 100
108 111.5 91.7 137.5
77 57.1 33.8 50.8#
79 52.0 33.8 50.8#



#18
Hexachloroethane
Concen: 35.715 ng
RT: 7.47 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion:117 Resp: 262113
Ion Ratio Lower Upper
117 100
119 94.6 75.8 113.8
201 89.0 75.7 113.5

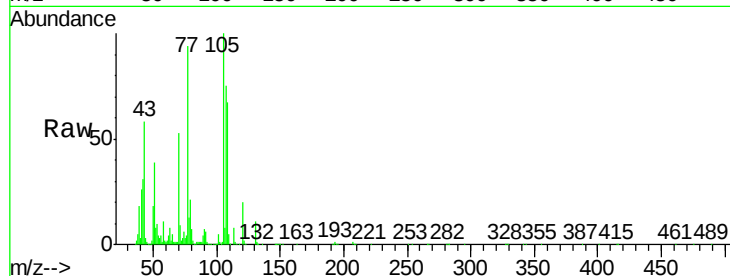




#19
n-Nitroso-di-n-propylamine
Concen: 34.223 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Instrument :
BNA_F
ClientSampleId :
PB111380BS

Tgt Ion:	70	Resp:	446157
Ion	Ratio	Lower	Upper
70	100		
42	59.2	47.5	71.3
101	9.9	7.4	11.2
130	21.6	16.6	25.0



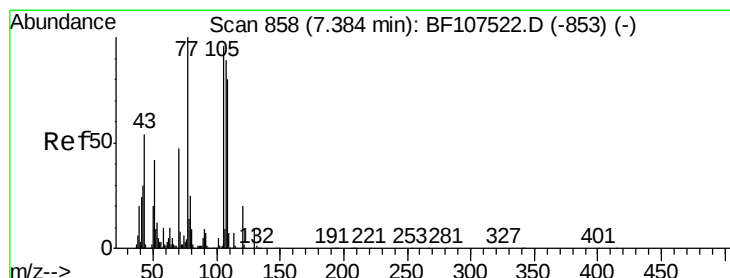
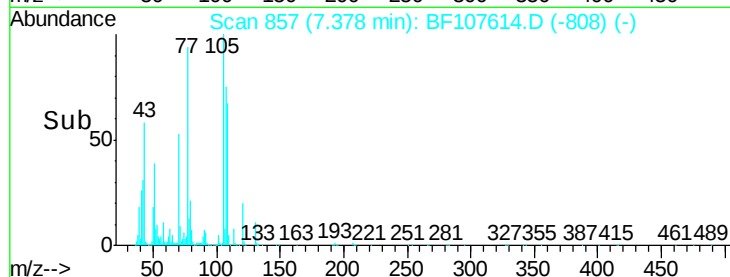
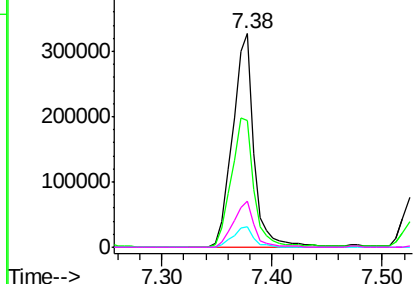
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 39.234 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion:	107	Resp:	712980
Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.2	108.2
77	124.7	26.7	66.7#
79	28.2	6.3	46.3

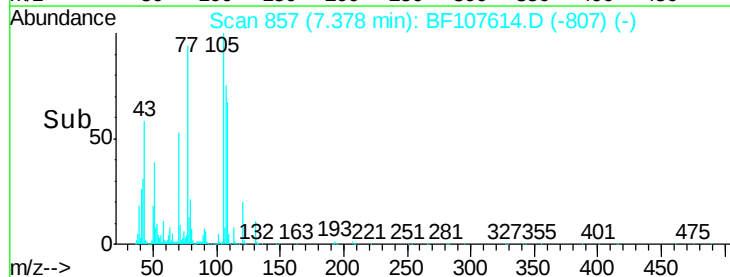
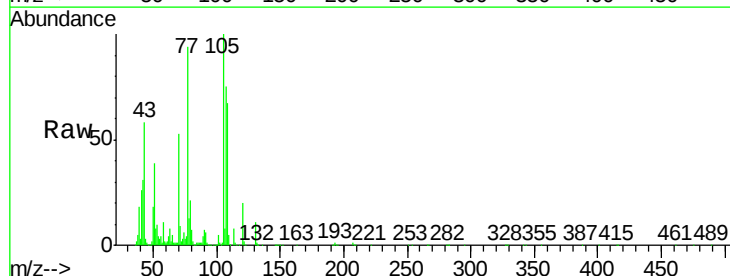
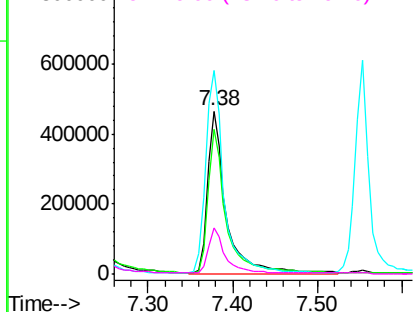
Abundance

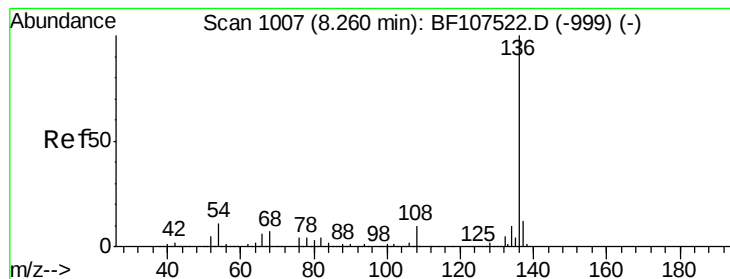
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampleId :

PB111380BS

Tgt Ion:136 Resp: 1059782

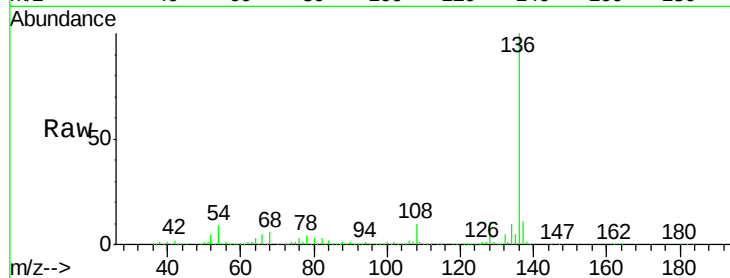
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.0 6.6 9.8

68 5.7 5.0 7.4

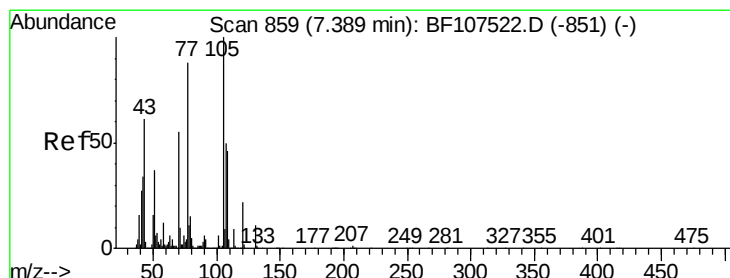
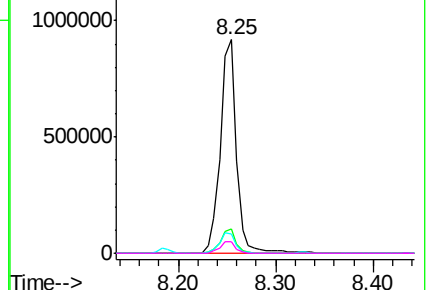
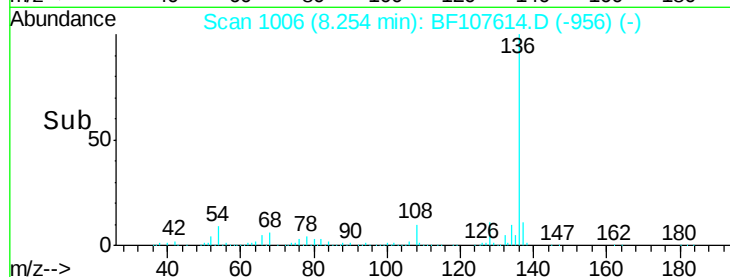


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.502 ng

RT: 7.38 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Tgt Ion:105 Resp: 933394

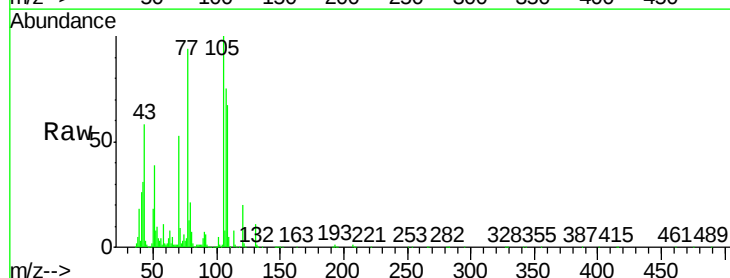
Ion Ratio Lower Upper

105 100

71 8.7 4.4 6.6#

51 39.2 22.3 33.5#

120 20.3 16.9 25.3

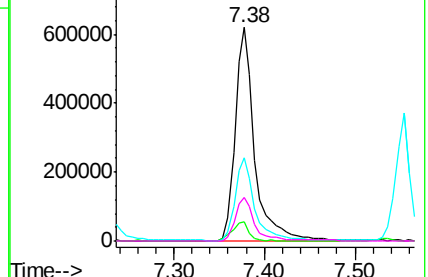
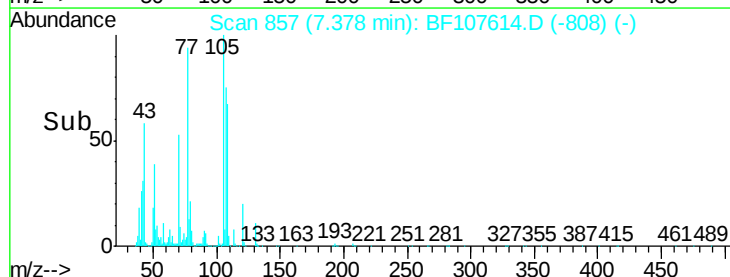


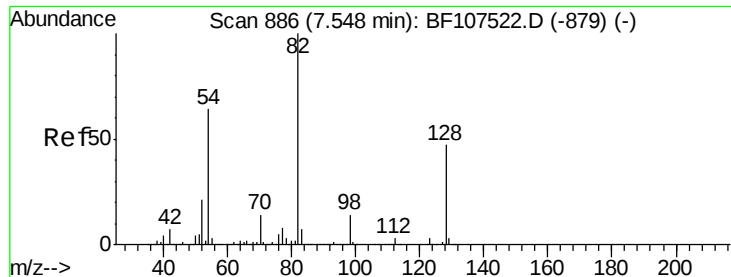
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

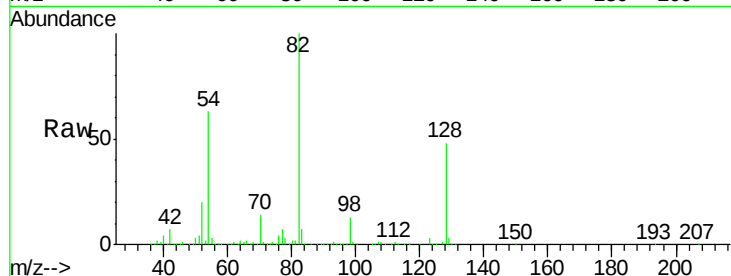




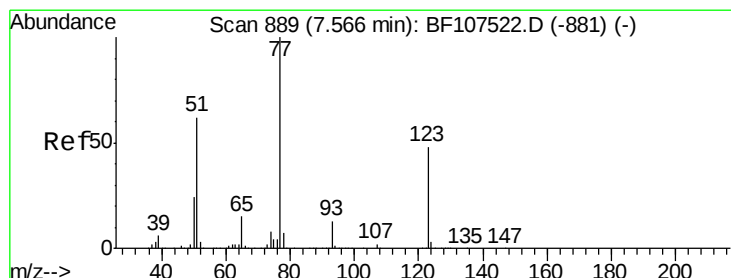
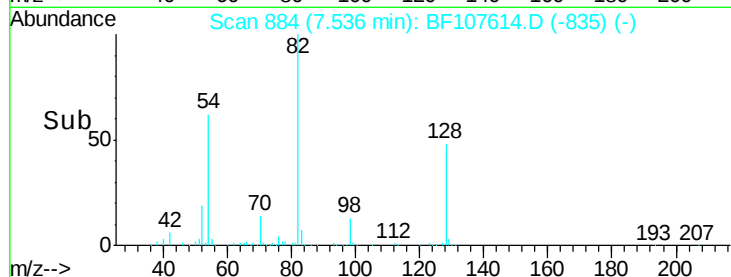
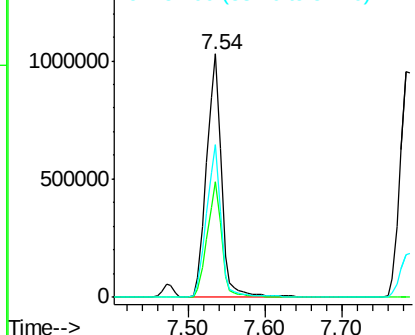
#23
 Nitrobenzene-d5
 Concen: 88.005 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB111380BS

Tgt Ion: 82 Resp: 1381980
 Ion Ratio Lower Upper
 82 100
 128 47.5 36.1 54.1
 54 62.6 41.4 62.2#

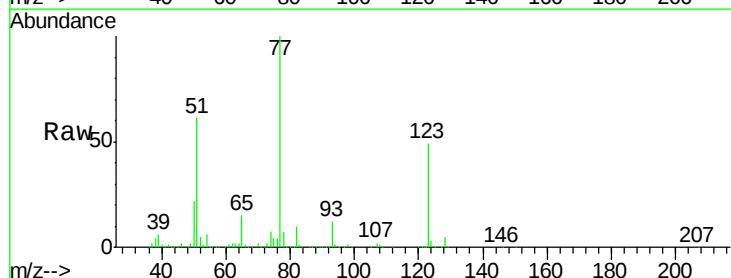


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

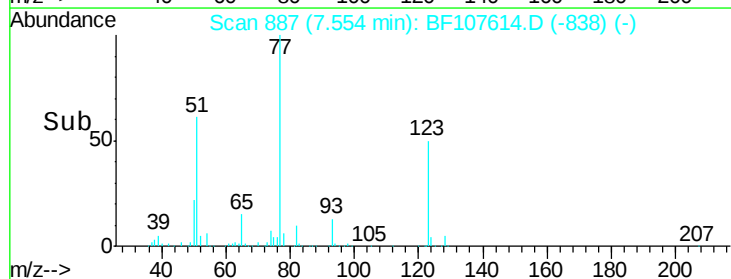
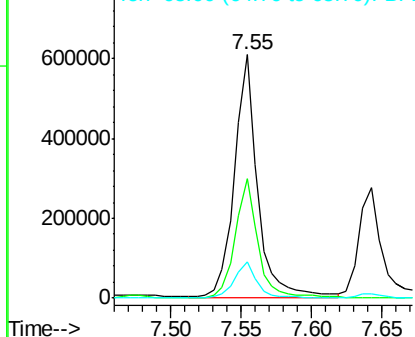


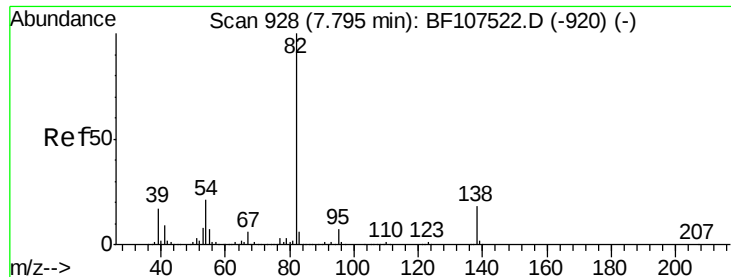
#24
 Nitrobenzene
 Concen: 38.525 ng
 RT: 7.55 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Tgt Ion: 77 Resp: 692925
 Ion Ratio Lower Upper
 77 100
 123 49.1 37.9 56.9
 65 15.1 11.0 16.4



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





#25

Isophorone

Concen: 38.003 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampleId :

PB111380BS

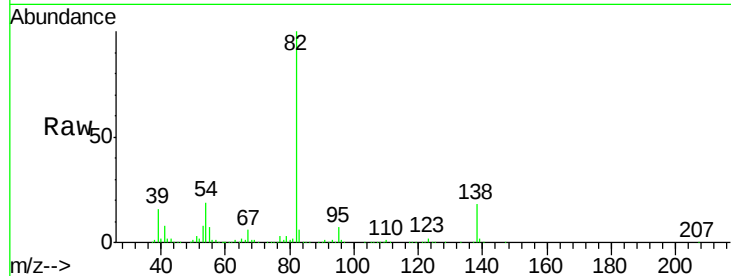
Tgt Ion: 82 Resp: 1274213

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

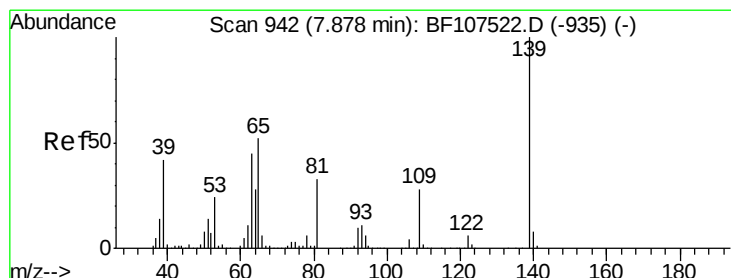
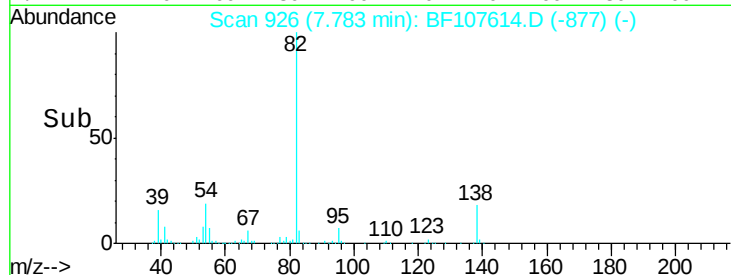
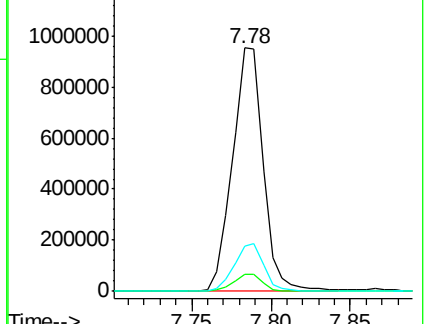
138 18.4 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 51.016 ng

RT: 7.87 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

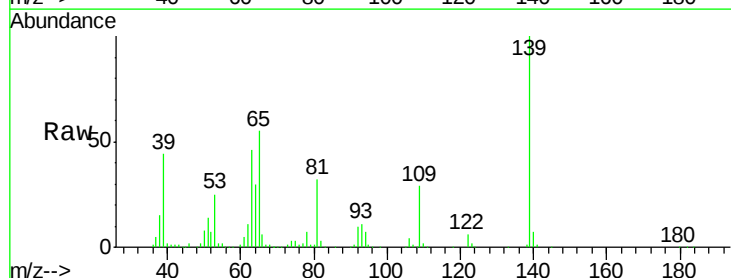
Tgt Ion: 139 Resp: 387487

Ion Ratio Lower Upper

139 100

109 29.0 22.7 34.1

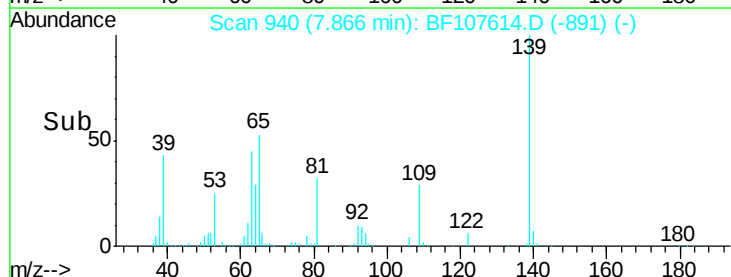
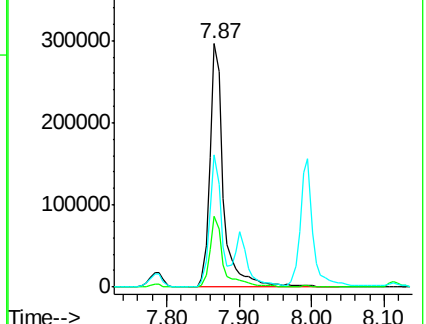
65 54.5 40.5 60.7

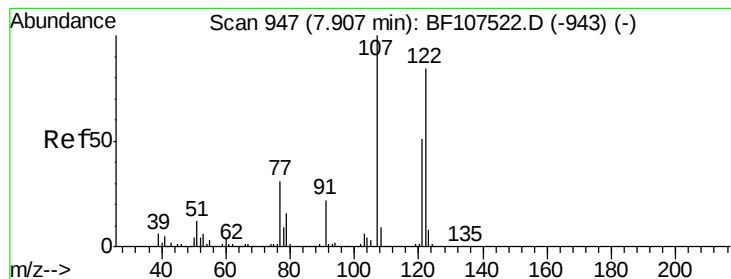


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 42.288 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampleId :

PB111380BS

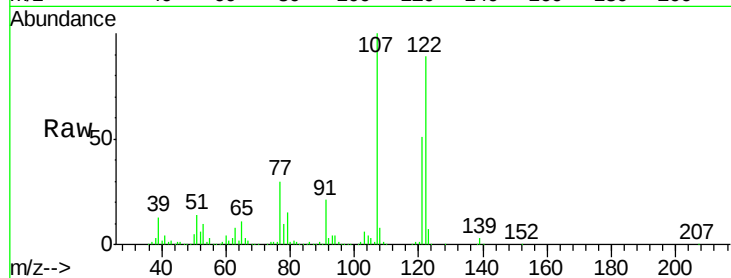
Tgt Ion:122 Resp: 607984

Ion Ratio Lower Upper

122 100

107 112.4 91.2 136.8

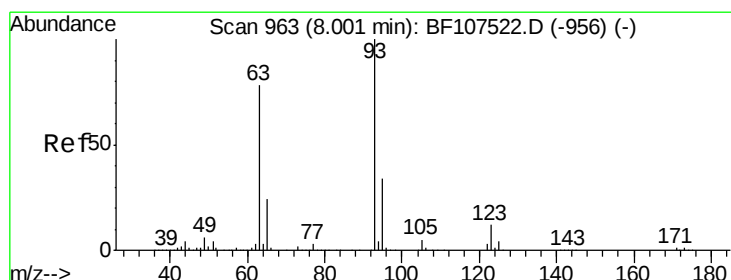
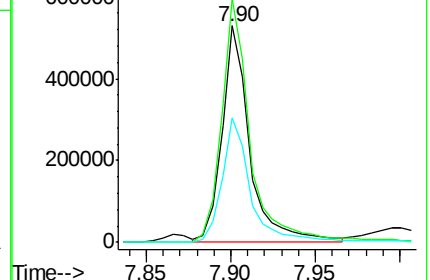
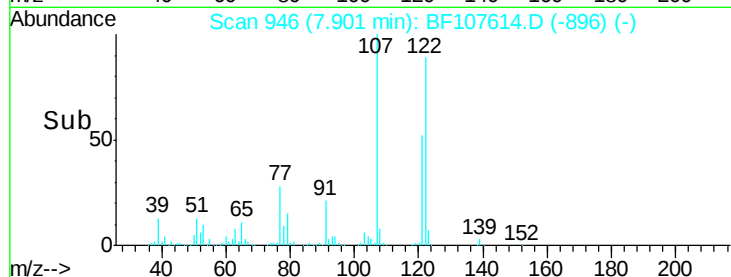
121 57.7 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.130 ng

RT: 8.00 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

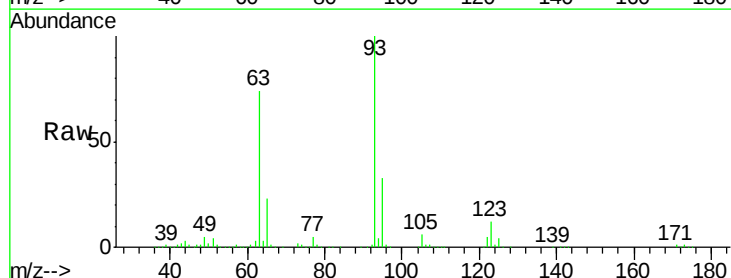
Tgt Ion: 93 Resp: 809571

Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

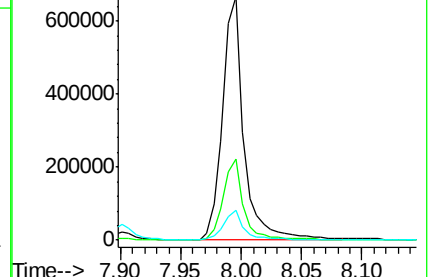
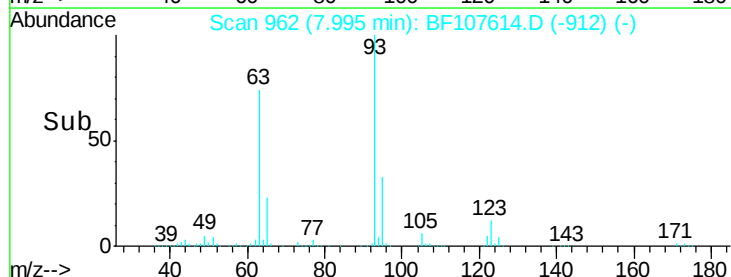
123 12.4 9.8 14.6

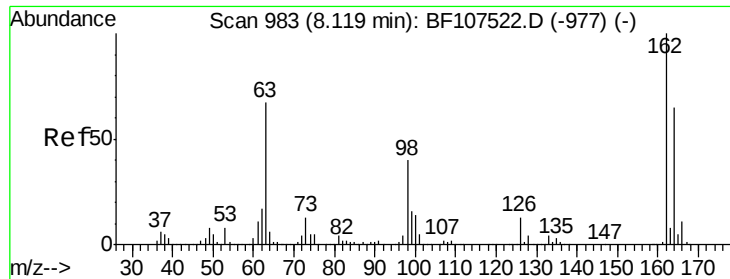


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

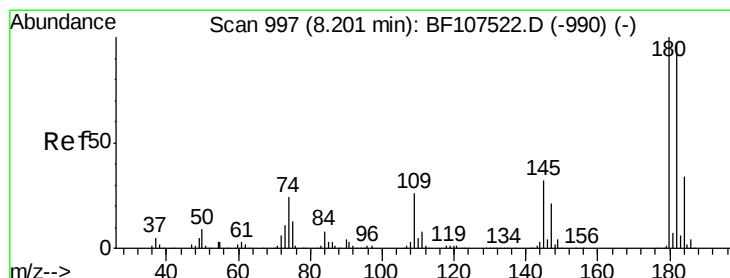
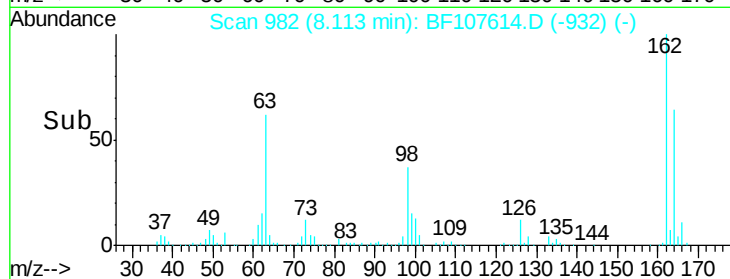
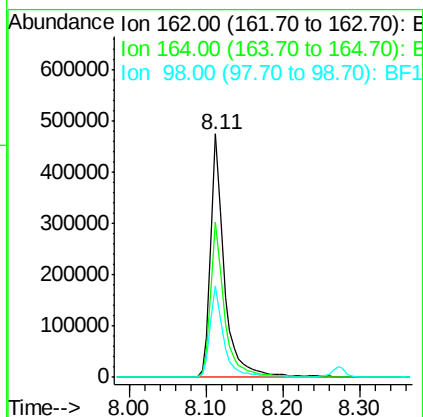
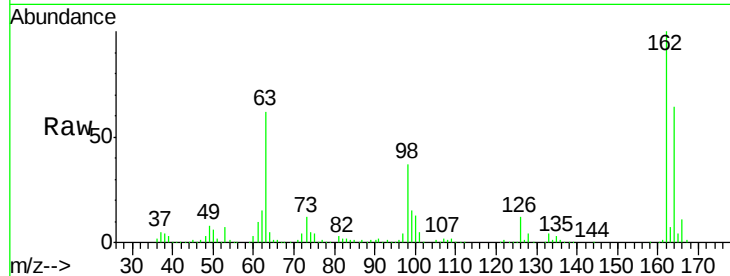




#29
2,4-Dichlorophenol
Concen: 40.308 ng
RT: 8.11 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

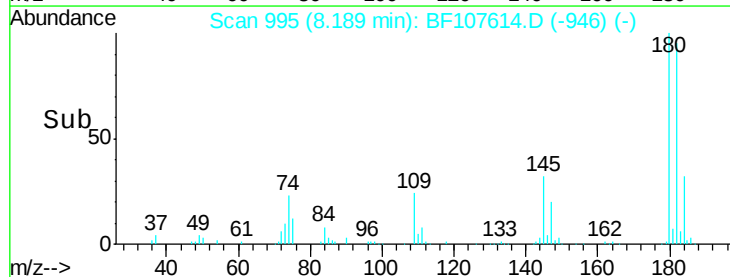
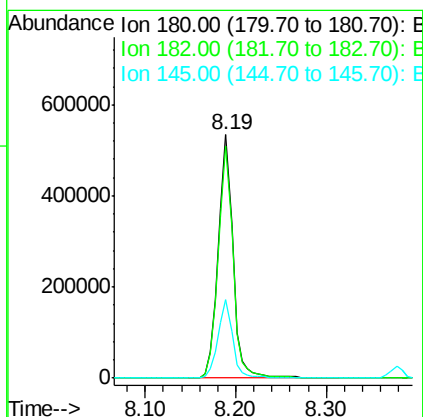
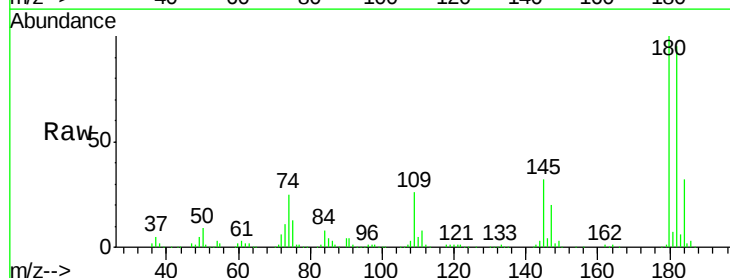
Instrument :
BNA_F
ClientSampleId :
PB111380BS

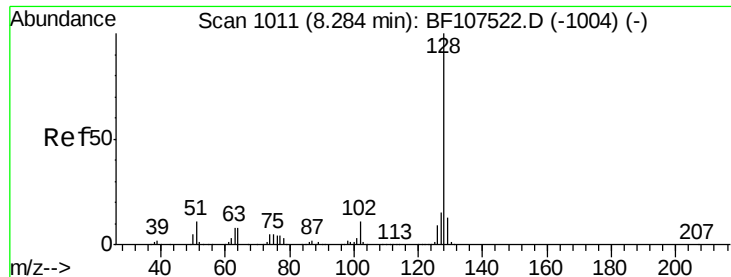
Tgt Ion:162 Resp: 592331
Ion Ratio Lower Upper
162 100
164 63.7 42.7 82.7
98 37.3 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 36.347 ng
RT: 8.19 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion:180 Resp: 599895
Ion Ratio Lower Upper
180 100
182 95.1 76.8 115.2
145 32.1 26.5 39.7

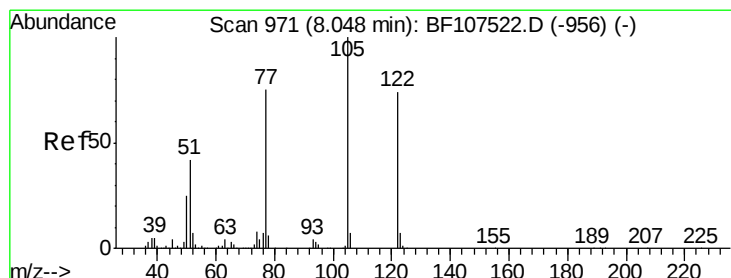
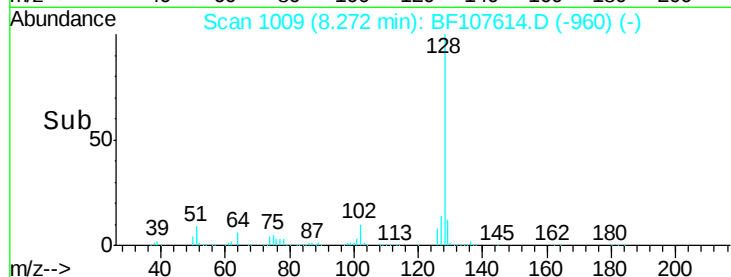
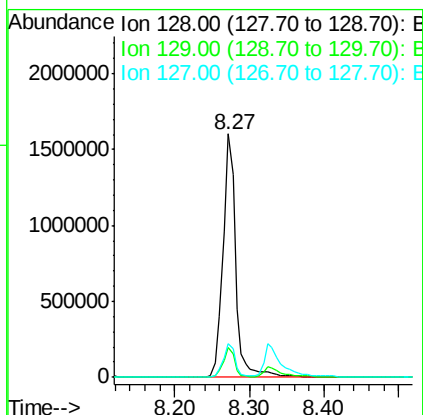
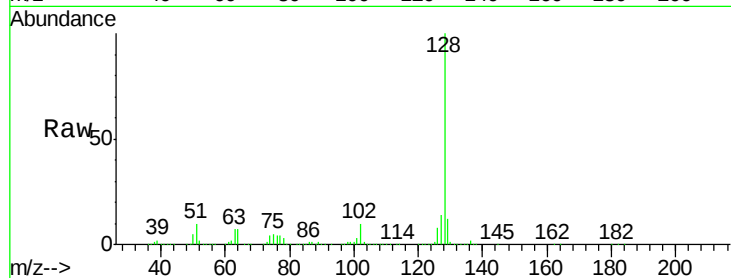




#31
Naphthalene
Concen: 41.217 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

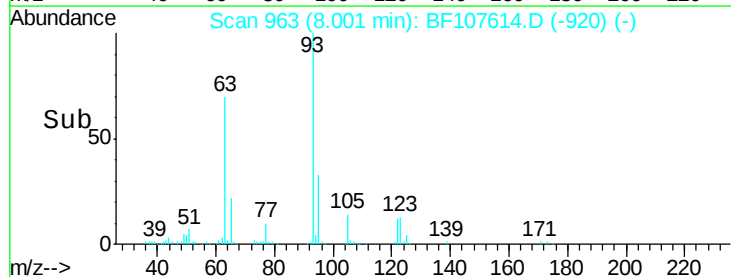
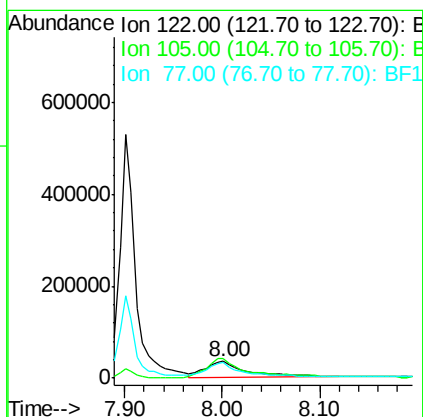
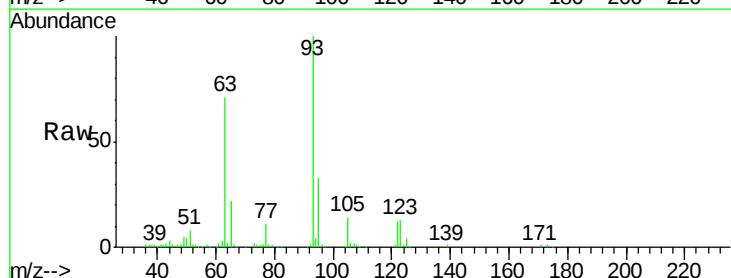
Instrument :
BNA_F
ClientSampleId :
PB111380BS

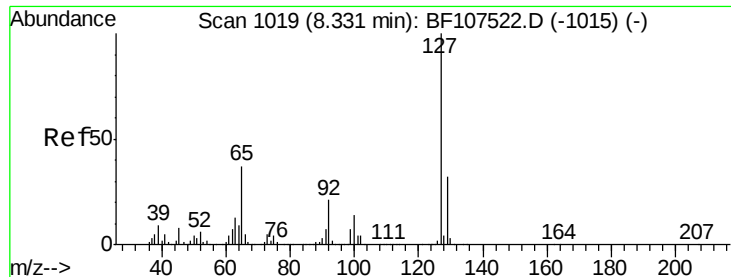
Tgt Ion:128 Resp: 1920825
Ion Ratio Lower Upper
128 100
129 12.2 8.8 13.2
127 14.1 10.9 16.3



#32
Benzoic acid
Concen: 16.384 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.05 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion:122 Resp: 101932
Ion Ratio Lower Upper
122 100
105 114.0 101.1 141.1
77 91.7 70.7 110.7

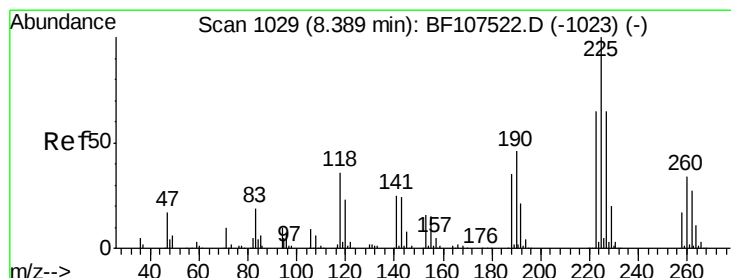
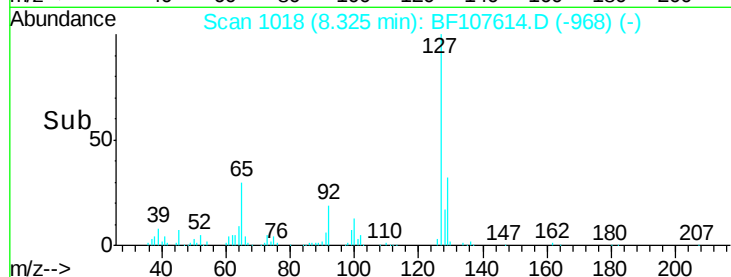
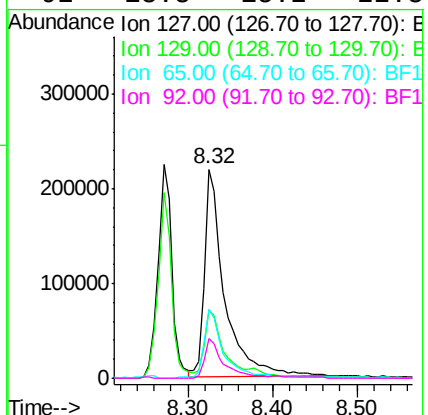
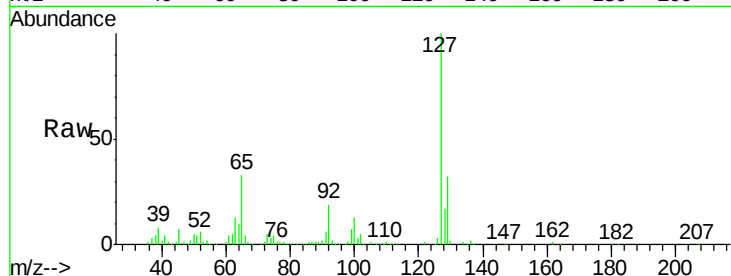




#33
4-Chloroaniline
Concen: 17.972 ng
RT: 8.32 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

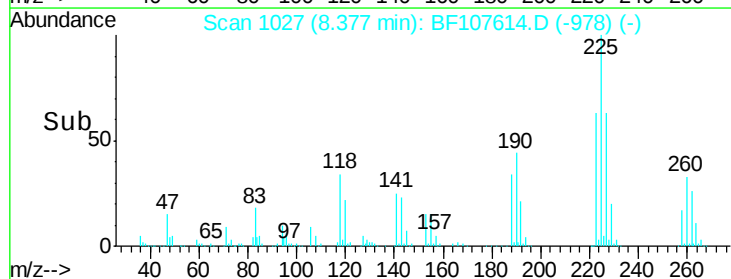
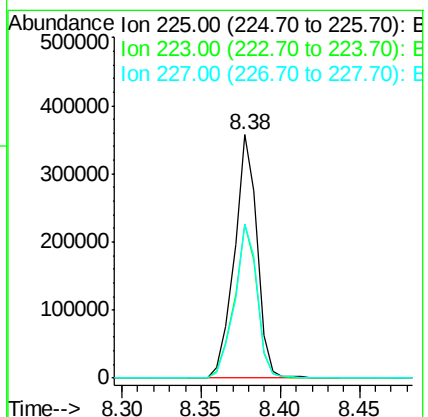
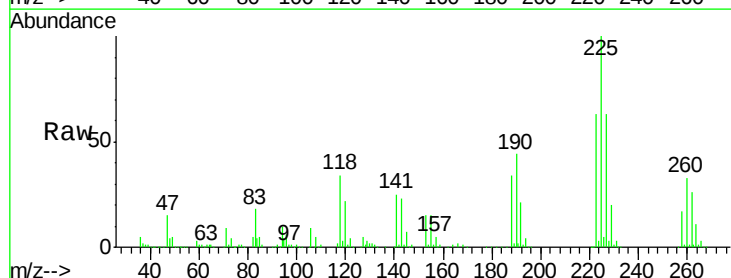
Instrument :
BNA_F
ClientSampleId :
PB111380BS

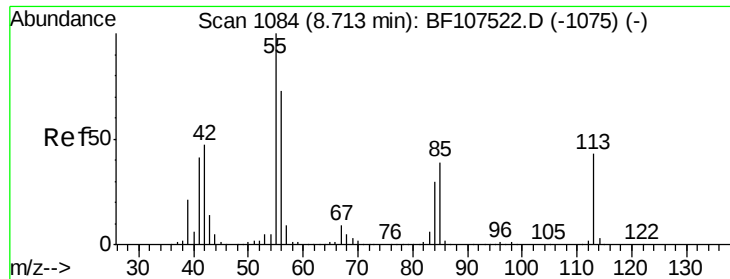
Tgt Ion:	127	Resp:	366075
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	32.8	25.0	37.4
92	18.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 36.200 ng
RT: 8.38 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion:	225	Resp:	355025
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	63.3	51.9	77.9

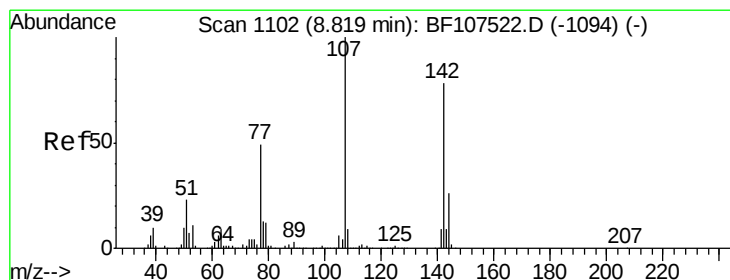
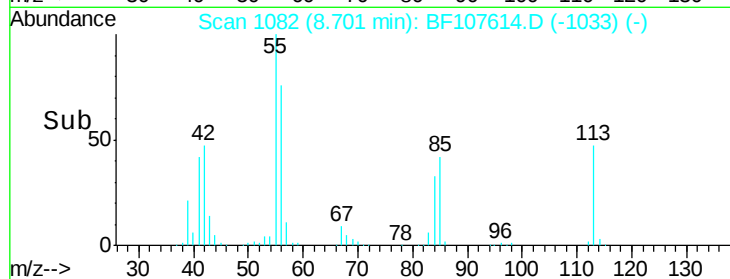
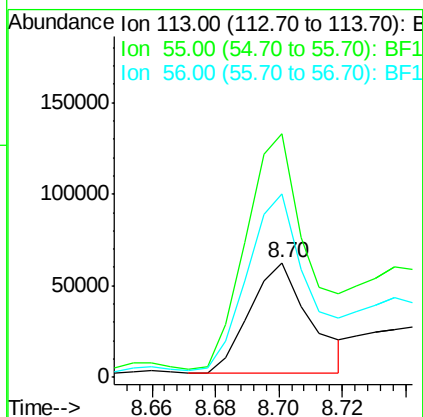
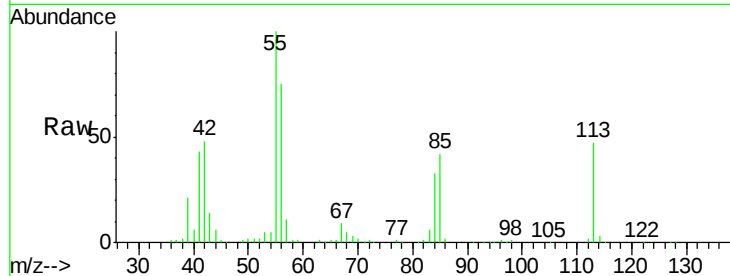




#35
 Caprolactam
 Concen: 16.678 ng
 RT: 8.70 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

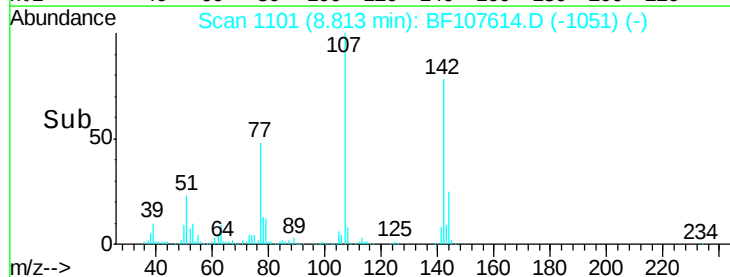
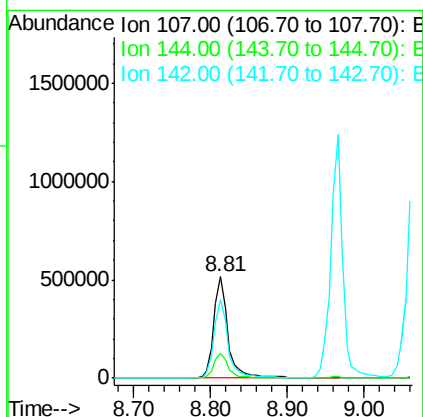
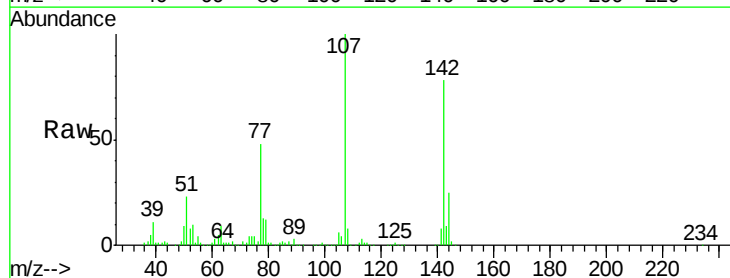
Instrument :
 BNA_F
 ClientSampleId :
 PB111380BS

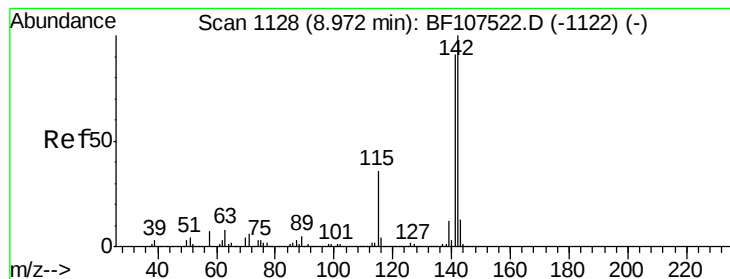
Tgt Ion: 113 Resp: 79716
 Ion Ratio Lower Upper
 113 100
 55 212.6 163.3 203.3#
 56 160.3 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 40.313 ng
 RT: 8.81 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Tgt Ion: 107 Resp: 658058
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.5 30.7
 142 78.3 62.0 93.0





#37

2-Methylnaphthalene

Concen: 41.763 ng

RT: 8.97 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampleId :

PB111380BS

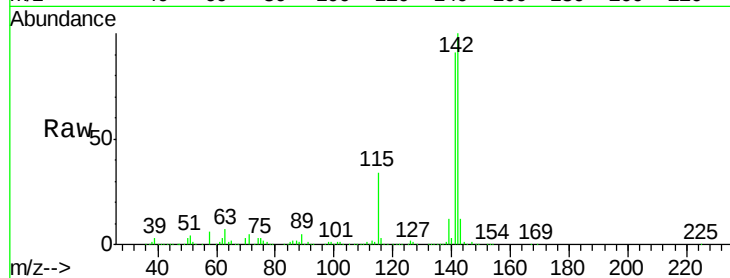
Tgt Ion:142 Resp: 1348688

Ion Ratio Lower Upper

142 100

141 90.8 70.8 106.2

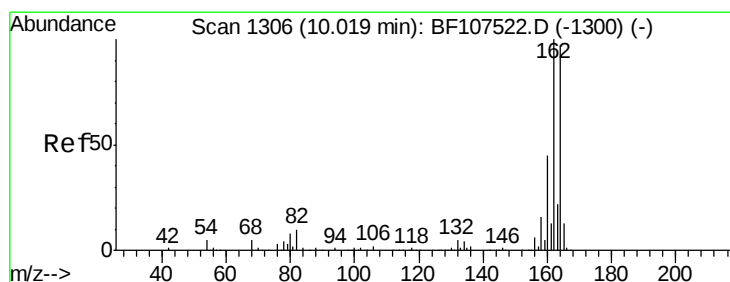
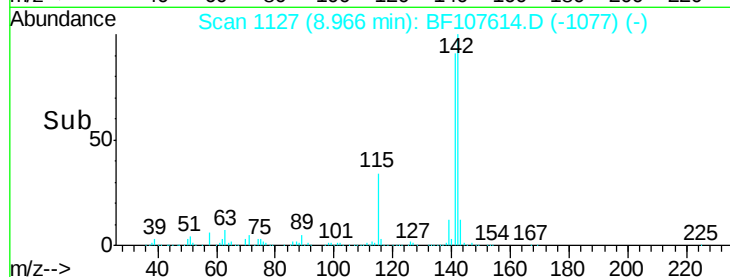
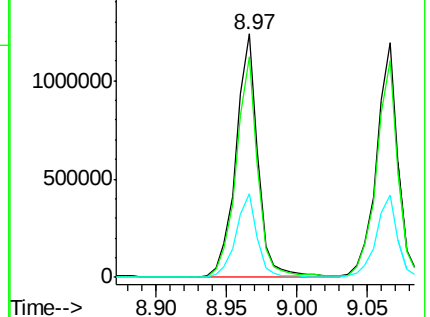
115 34.2 26.1 39.1



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: 10.01 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

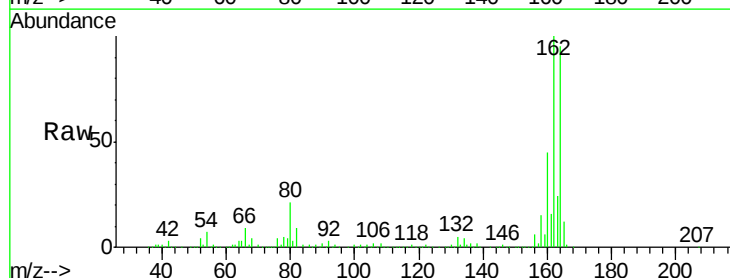
Tgt Ion:164 Resp: 502139

Ion Ratio Lower Upper

164 100

162 105.5 86.1 129.1

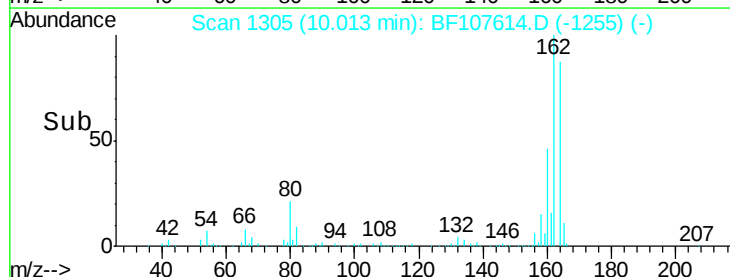
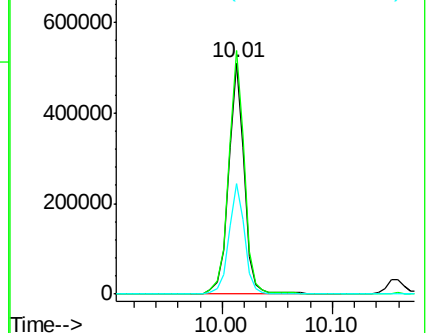
160 47.7 38.3 57.5

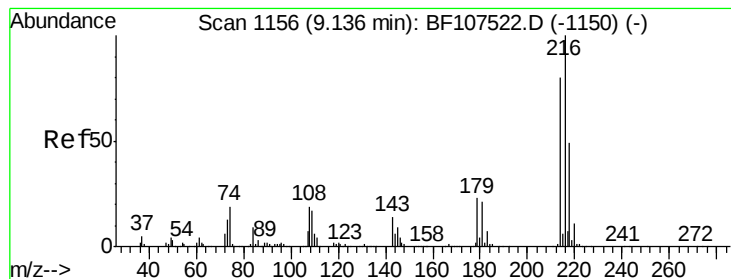


Abundance Ion 164.00 (163.70 to 164.70): E

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: 36.898 ng

RT: 9.13 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampleId :

PB111380BS

Tgt Ion:216 Resp: 617986

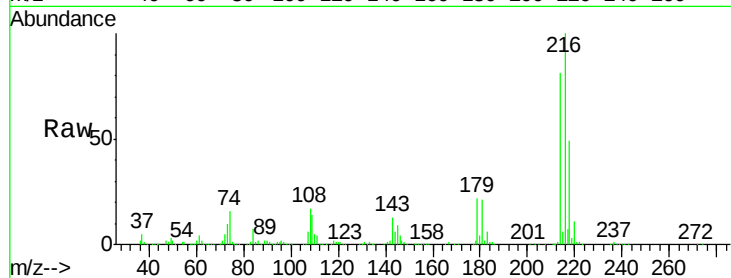
Ion Ratio Lower Upper

216 100

214 79.9 63.0 94.4

179 21.4 18.1 27.1

108 19.9 17.2 25.8

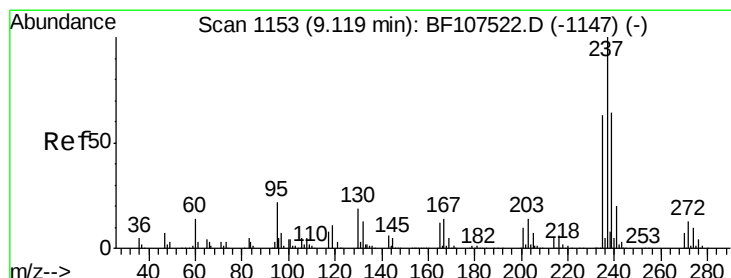
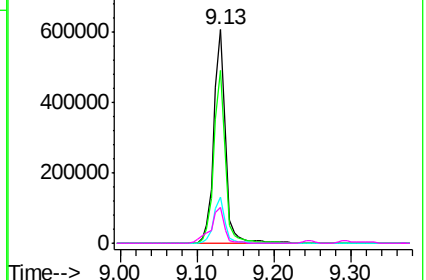
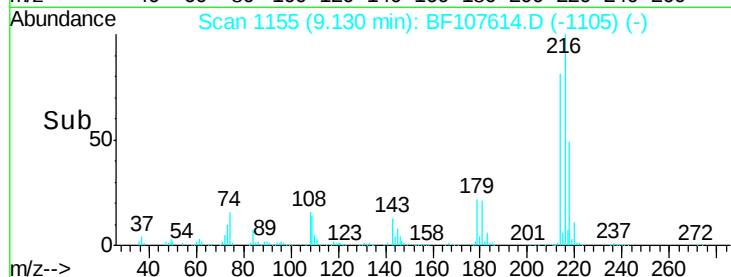


Abundance Ion 216.00 (215.70 to 216.70): E

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: 85.287 ng

RT: 9.11 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

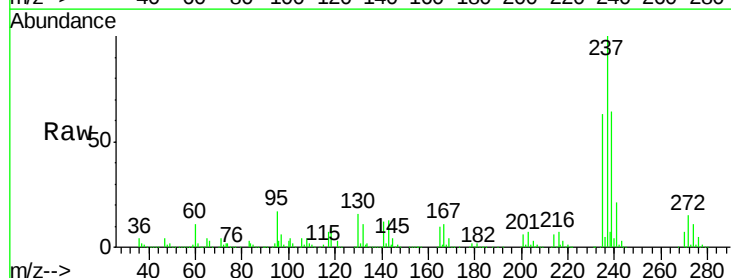
Tgt Ion:237 Resp: 726125

Ion Ratio Lower Upper

237 100

235 63.2 44.8 84.8

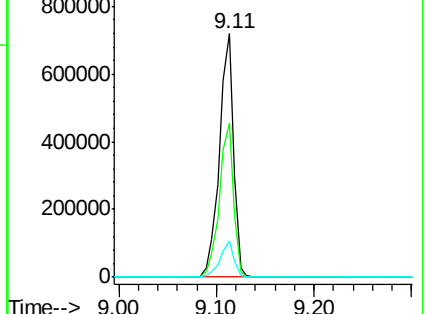
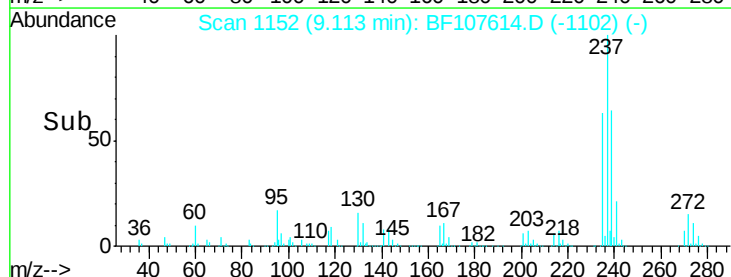
272 14.8 0.0 33.3

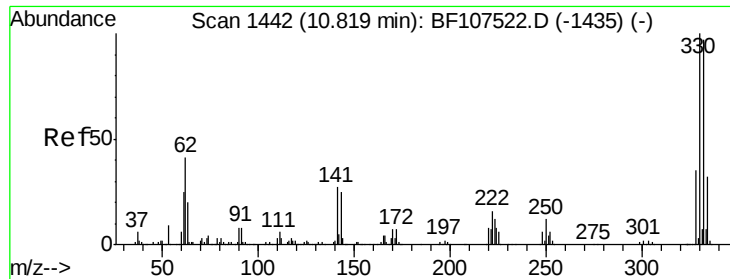


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

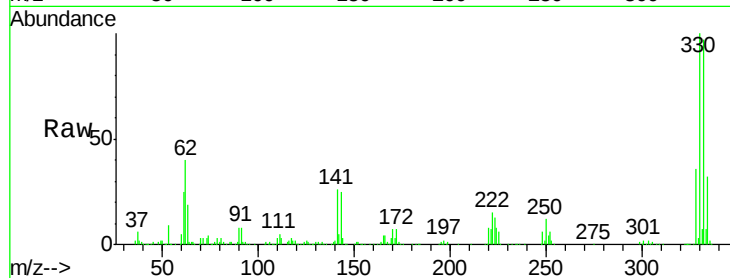




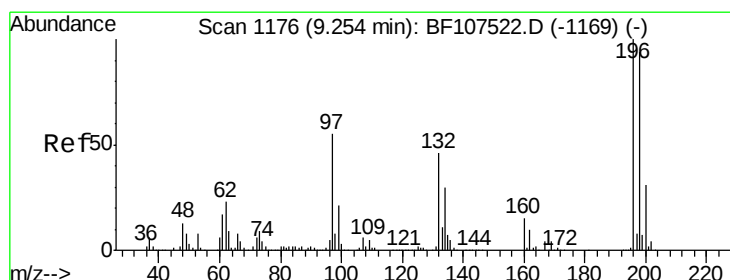
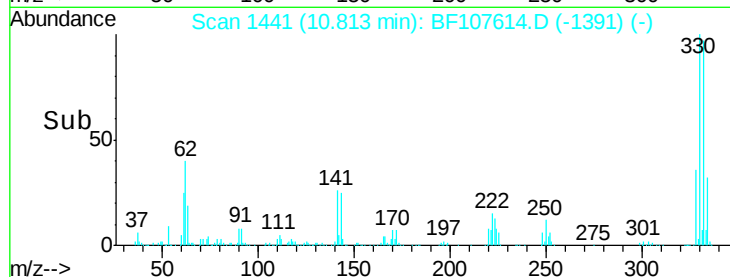
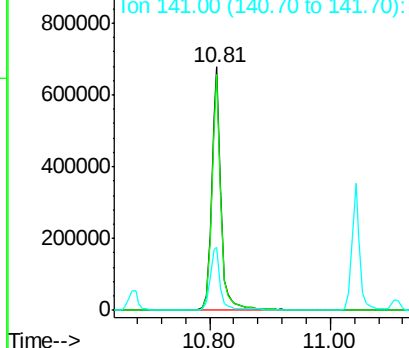
#41
 2,4,6-Tribromophenol
 Concen: 129.596 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB111380BS

Tgt Ion:330 Resp: 740005
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 28.0 29.9 44.9#

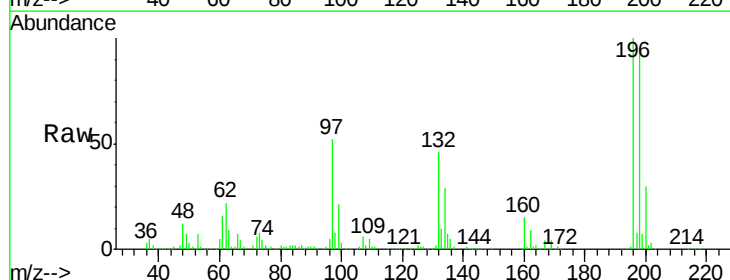


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

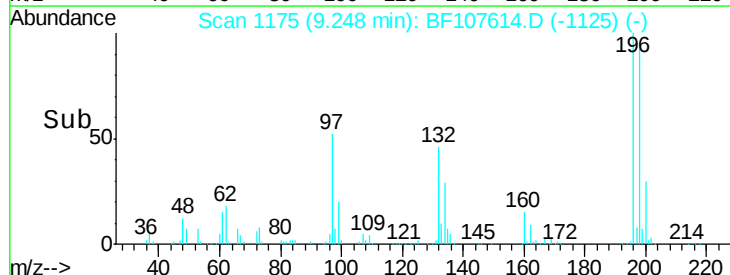
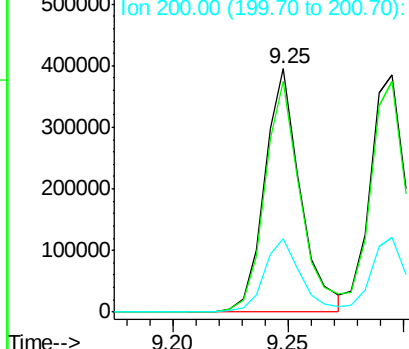


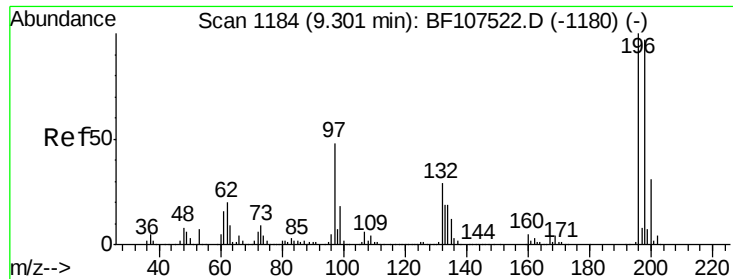
#42
 2,4,6-Trichlorophenol
 Concen: 39.457 ng
 RT: 9.25 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Tgt Ion:196 Resp: 422999
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.7 113.5
 200 29.9 24.5 36.7



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

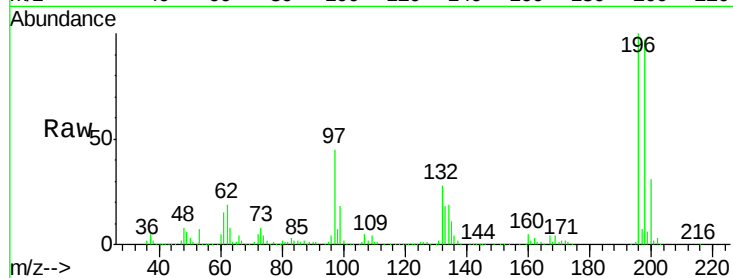




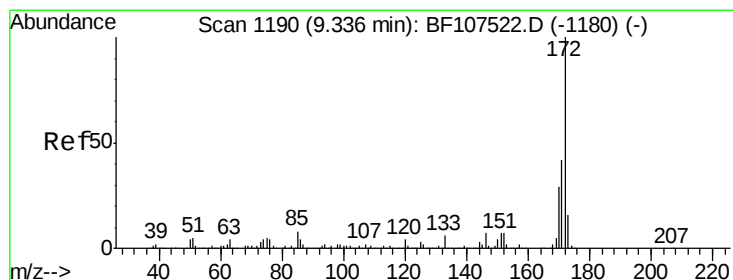
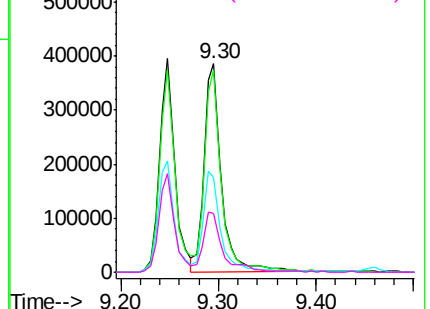
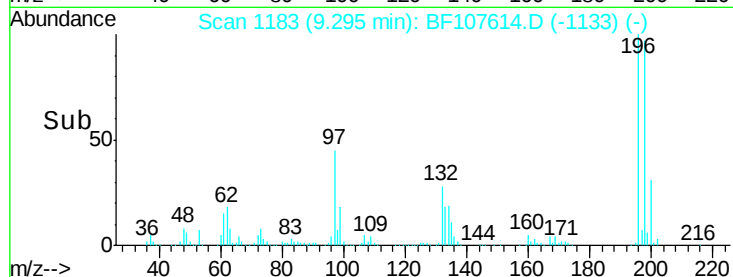
#43
 2,4,5-Trichlorophenol
 Concen: 42.235 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB111380BS

Tgt Ion:196 Resp: 473221
 Ion Ratio Lower Upper
 196 100
 198 97.0 74.6 112.0
 97 45.5 42.9 64.3
 132 28.1 26.3 39.5

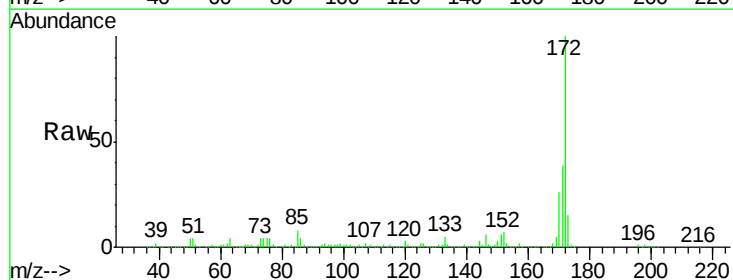


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

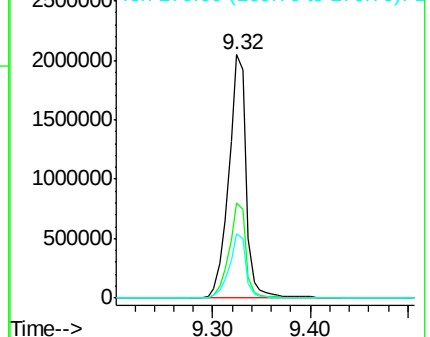
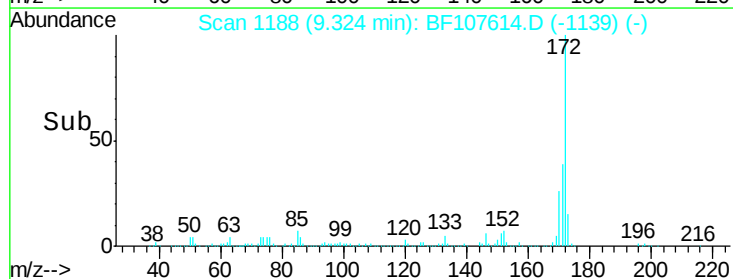


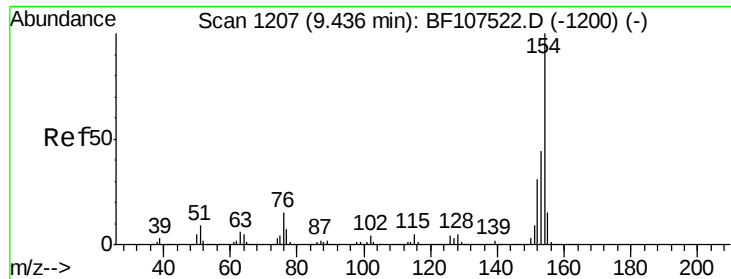
#44
 2-Fluorobiphenyl
 Concen: 87.546 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Tgt Ion:172 Resp: 2545965
 Ion Ratio Lower Upper
 172 100
 171 39.1 29.7 44.5
 170 26.4 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

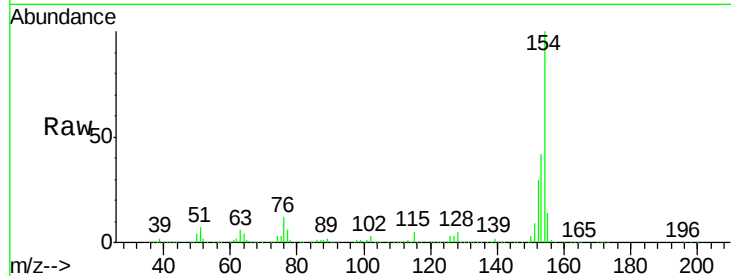




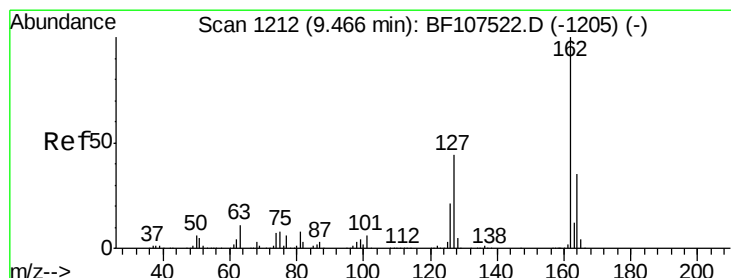
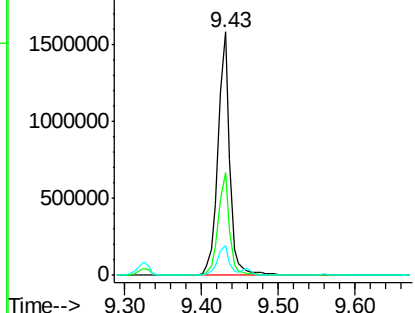
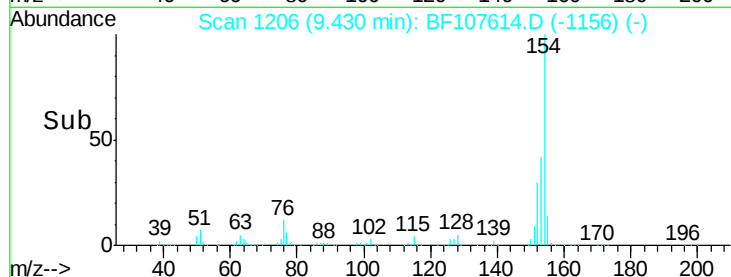
#45
 1,1'-Biphenyl
 Concen: 37.544 ng
 RT: 9.43 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB111380BS

Tgt Ion:154 Resp: 1642260
 Ion Ratio Lower Upper
 154 100
 153 42.2 21.3 61.3
 76 12.4 0.0 34.0

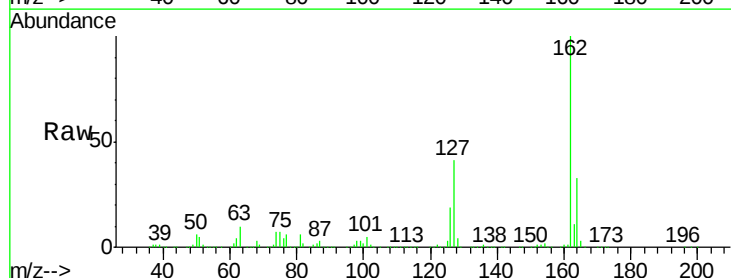


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

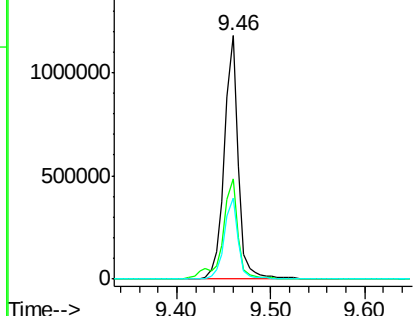
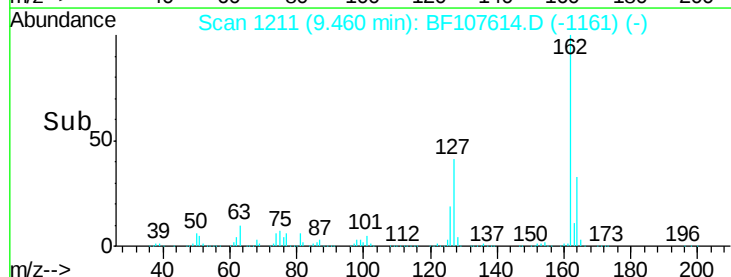


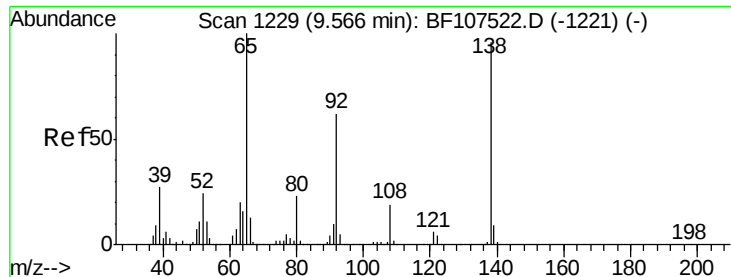
#46
 2-Chloronaphthalene
 Concen: 36.668 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Tgt Ion:162 Resp: 1225985
 Ion Ratio Lower Upper
 162 100
 127 41.1 33.9 50.9
 164 33.2 26.5 39.7



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

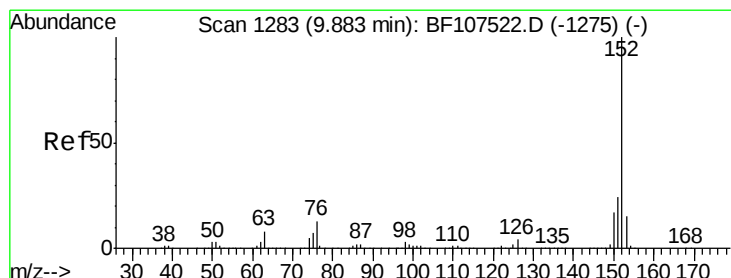
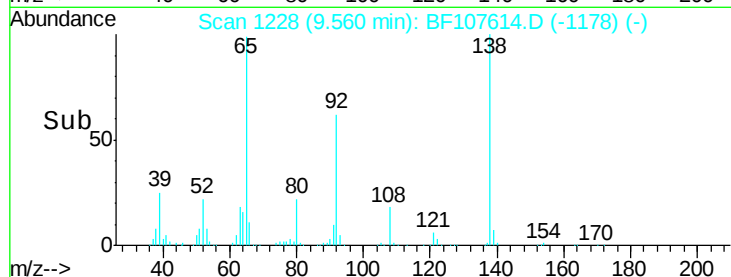
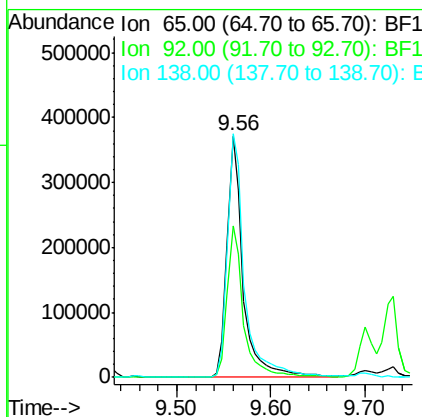
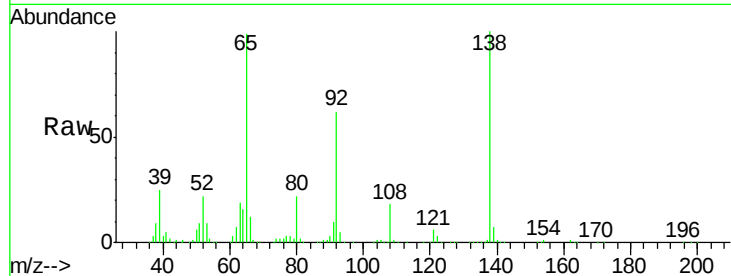




#47
2-Nitroaniline
Concen: 45.927 ng
RT: 9.56 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

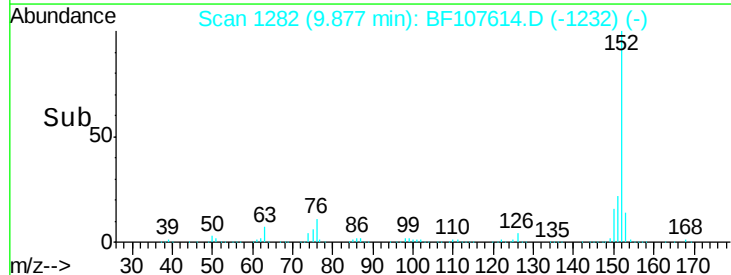
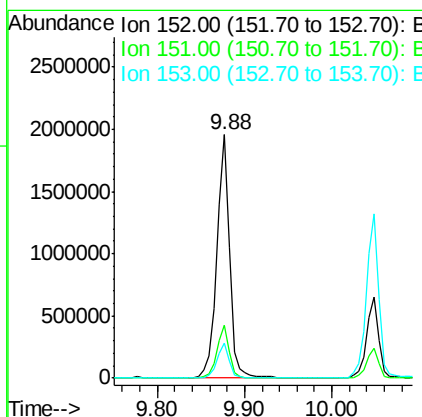
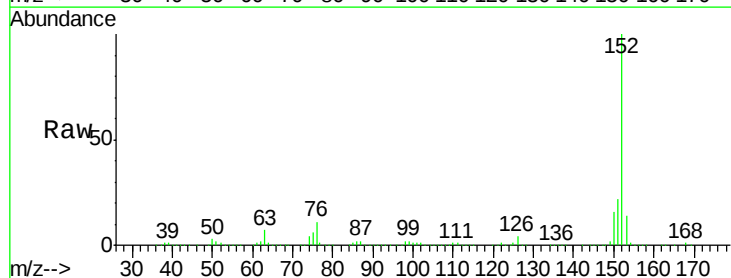
Instrument :
BNA_F
ClientSampleId :
PB111380BS

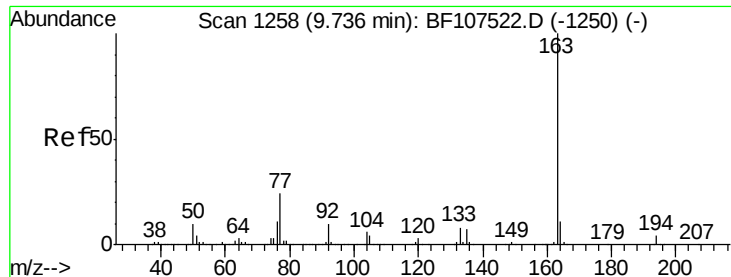
Tgt Ion: 65 Resp: 447678
Ion Ratio Lower Upper
65 100
92 63.0 55.8 83.6
138 100.8 91.2 136.8



#48
Acenaphthylene
Concen: 39.983 ng
RT: 9.88 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion: 152 Resp: 2008184
Ion Ratio Lower Upper
152 100
151 21.7 16.3 24.5
153 14.4 10.7 16.1





#49

Dimethylphthalate

Concen: 37.760 ng

RT: 9.73 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampleId :

PB111380BS

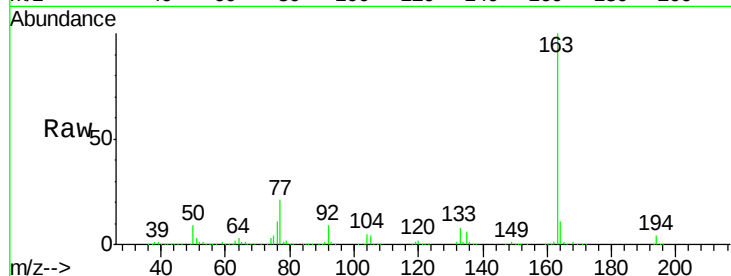
Tgt Ion:163 Resp: 1429021

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

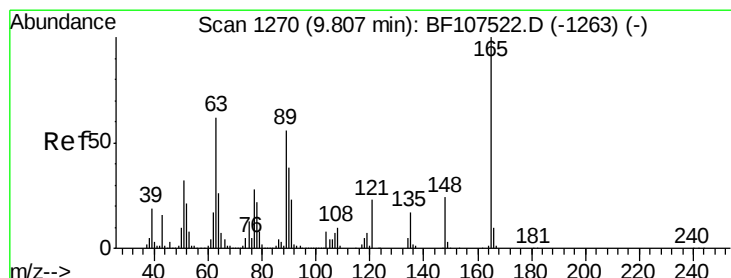
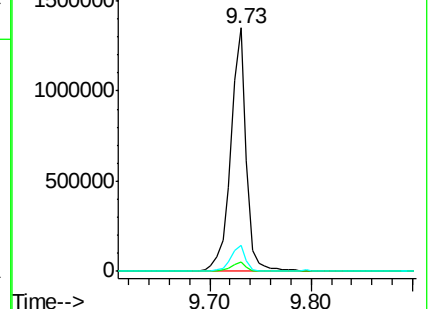
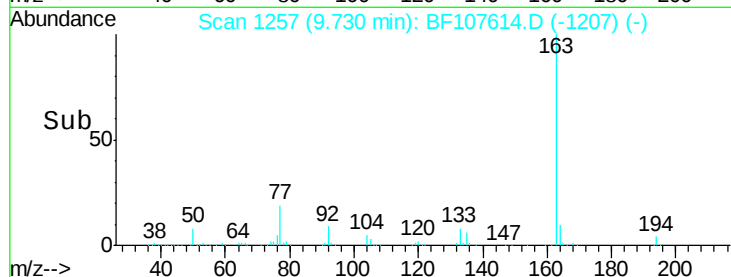
164 10.5 8.2 12.2



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: 43.584 ng

RT: 9.80 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

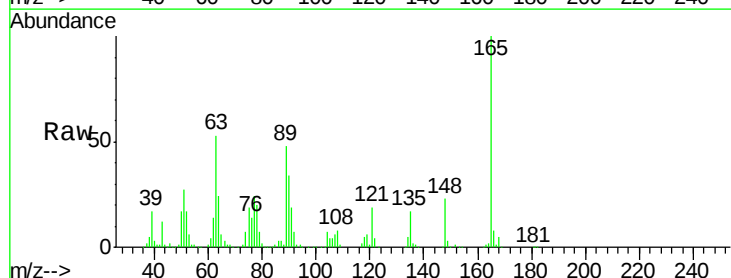
Tgt Ion:165 Resp: 327473

Ion Ratio Lower Upper

165 100

63 52.9 44.7 67.1

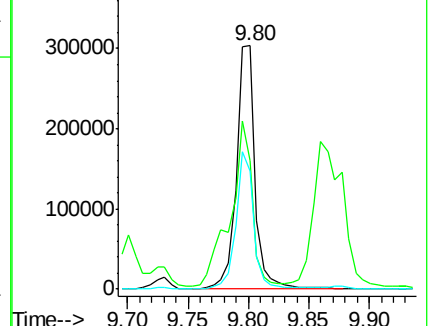
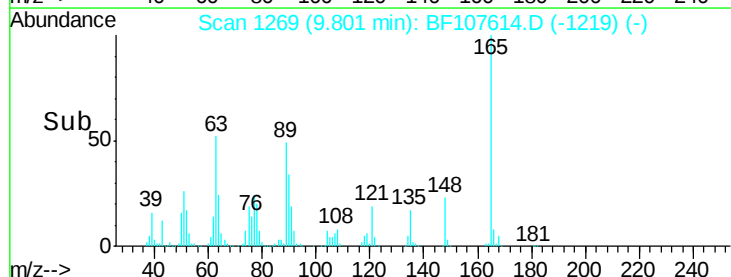
89 48.4 44.0 66.0

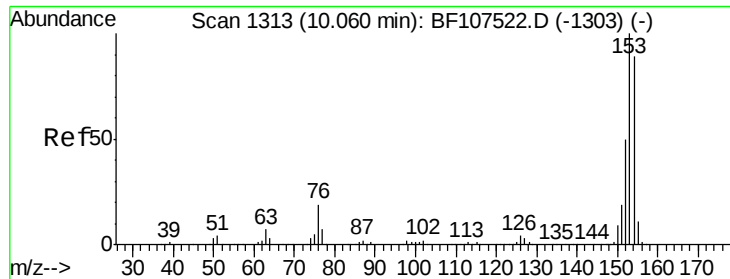


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 35.824 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampleId :

PB111380BS

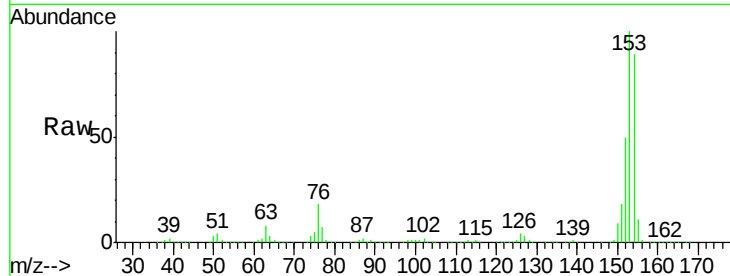
Tgt Ion:154 Resp: 1127359

Ion Ratio Lower Upper

154 100

153 112.2 91.2 136.8

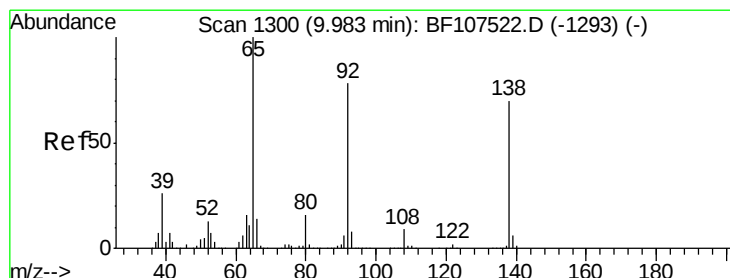
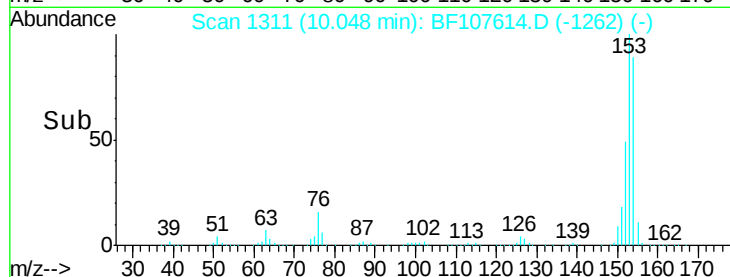
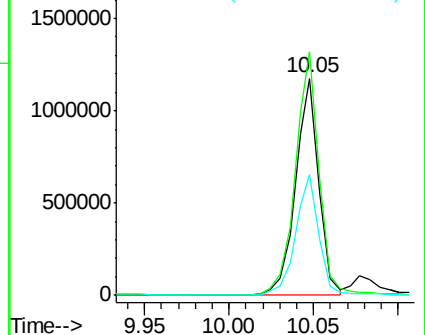
152 55.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.497 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

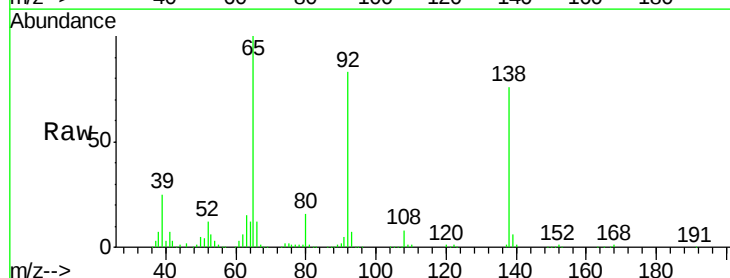
Tgt Ion:138 Resp: 251346

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

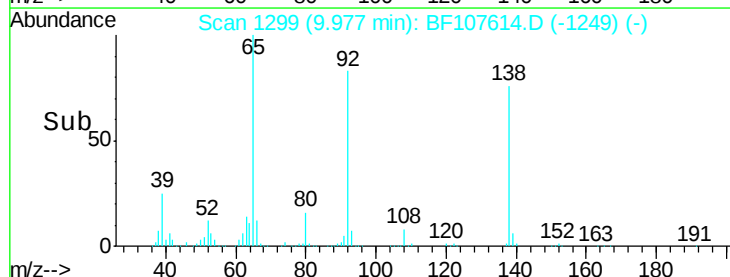
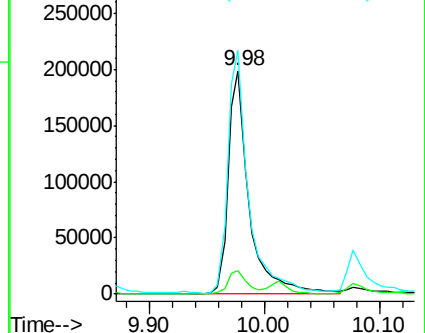
92 108.9 89.4 134.2

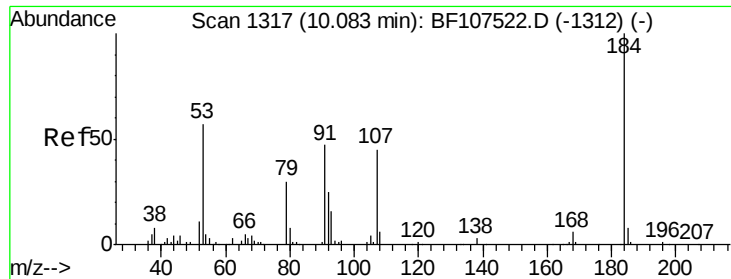


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

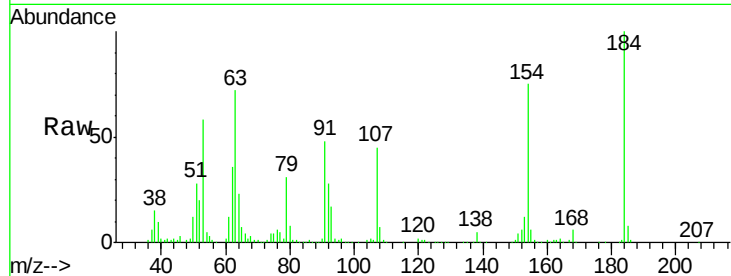




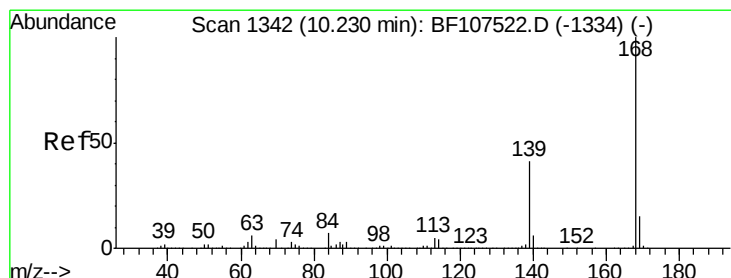
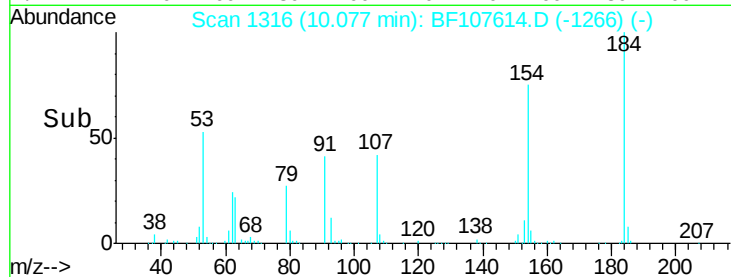
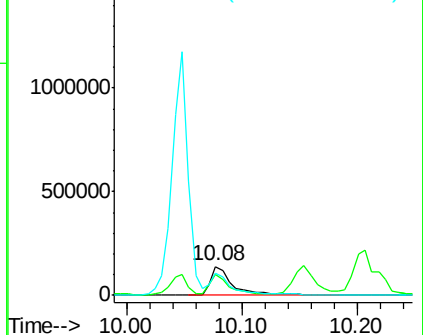
#53
2,4-Dinitrophenol
Concen: 61.648 ng
RT: 10.08 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Instrument :
BNA_F
ClientSampleId :
PB111380BS

Tgt Ion:184 Resp: 191819
Ion Ratio Lower Upper
184 100
63 72.2 54.2 81.2
154 75.1 184.0 276.0#

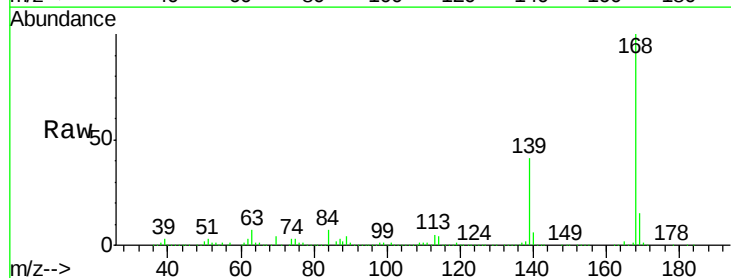


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

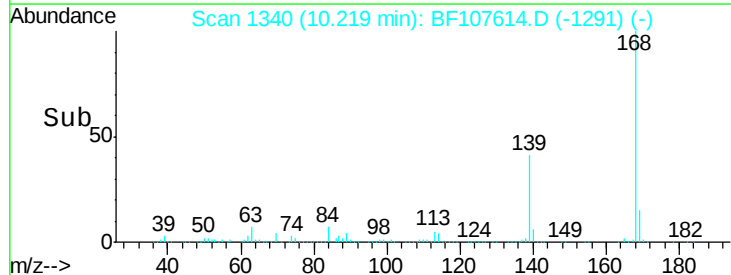
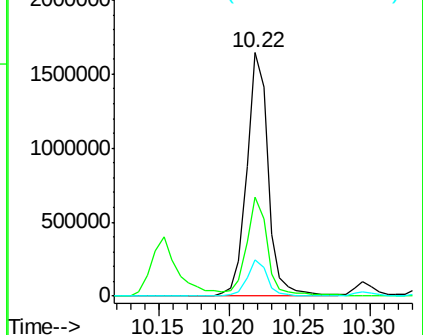


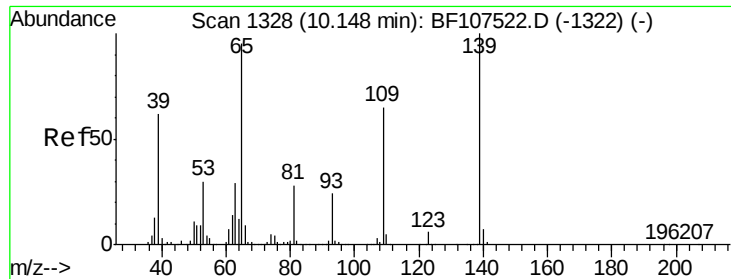
#54
Dibenzofuran
Concen: 37.757 ng
RT: 10.22 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion:168 Resp: 1749246
Ion Ratio Lower Upper
168 100
139 40.5 30.1 45.1
169 14.7 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

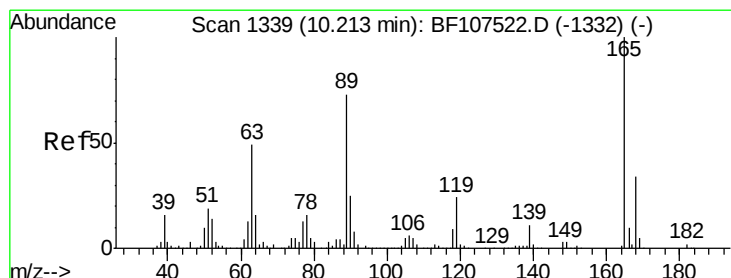
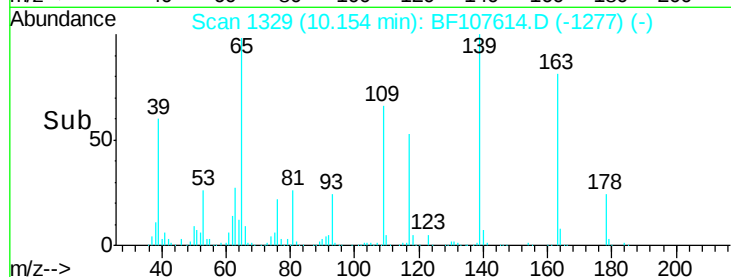
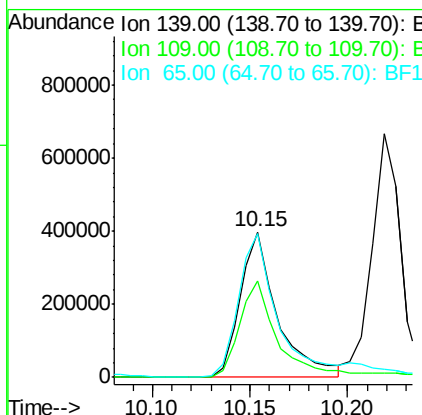
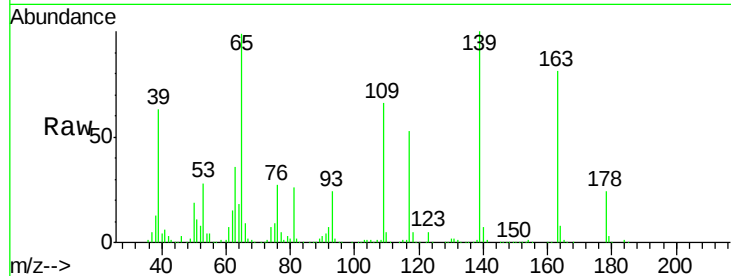




#55
4-Nitrophenol
Concen: 77.283 ng
RT: 10.15 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

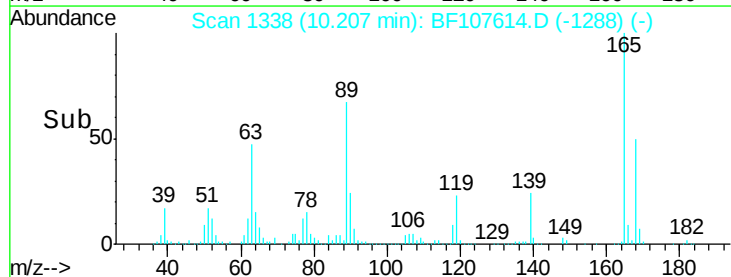
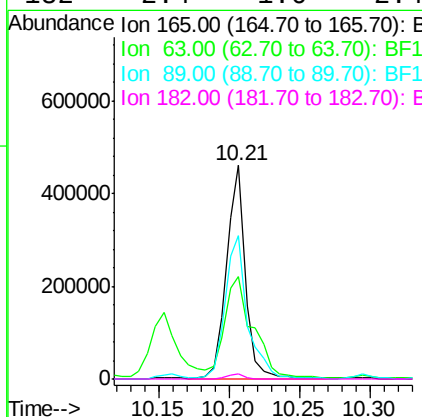
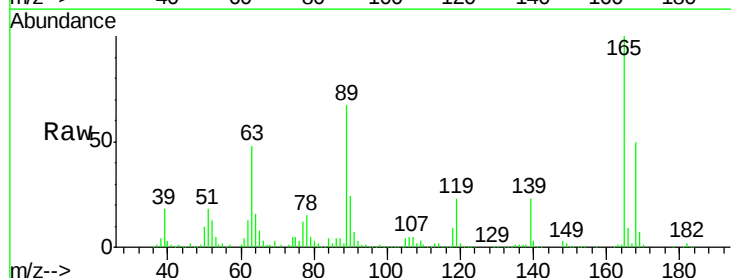
Instrument :
BNA_F
ClientSampleId :
PB111380BS

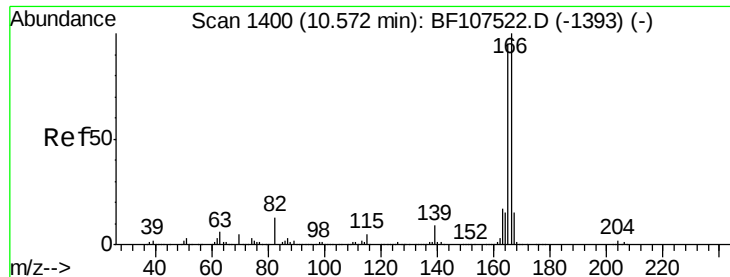
Tgt Ion:139 Resp: 528907
Ion Ratio Lower Upper
139 100
109 66.2 48.4 88.4
65 98.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 46.813 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion:165 Resp: 424579
Ion Ratio Lower Upper
165 100
63 48.0 36.4 54.6
89 66.9 57.8 86.6
182 2.4 1.6 2.4#





#57

Fluorene

Concen: 42.378 ng

RT: 10.57 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampleId :

PB111380BS

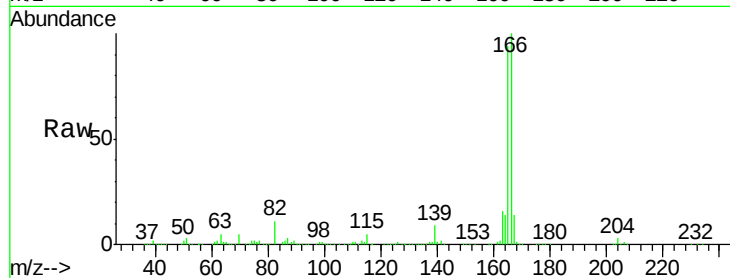
Tgt Ion:166 Resp: 1400699

Ion Ratio Lower Upper

166 100

165 93.5 79.8 119.8

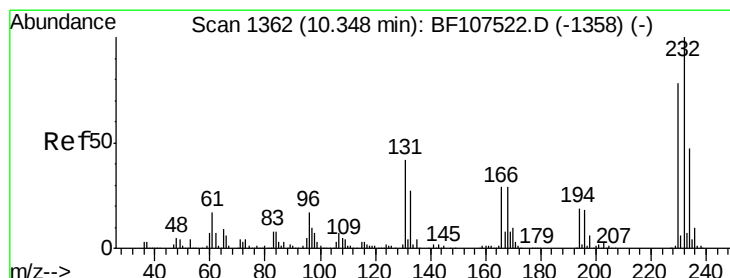
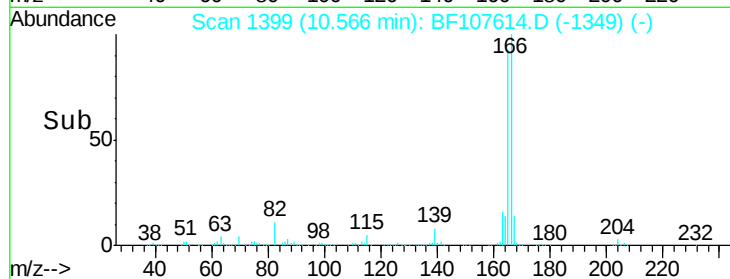
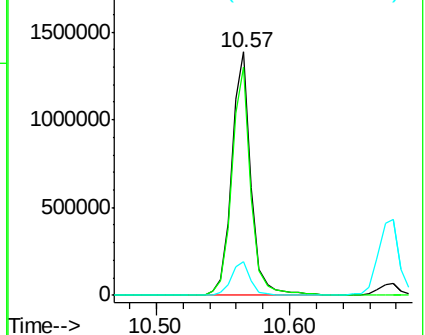
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.630 ng

RT: 10.34 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Tgt Ion:232 Resp: 397519

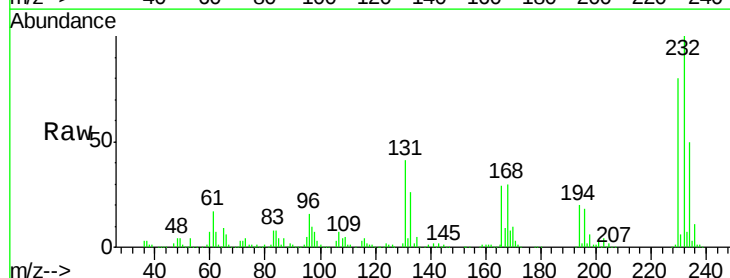
Ion Ratio Lower Upper

232 100

131 43.9 43.8 65.8

130 2.0 2.1 3.1#

166 29.4 27.8 41.6

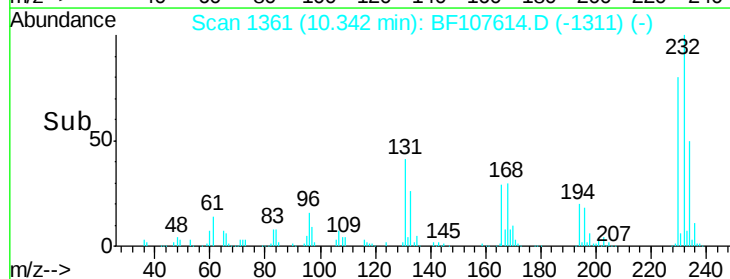
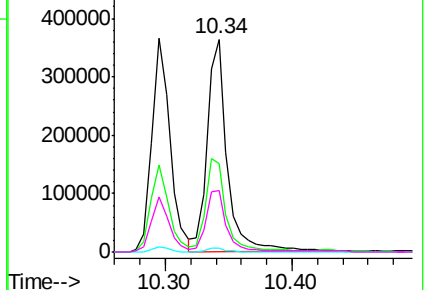


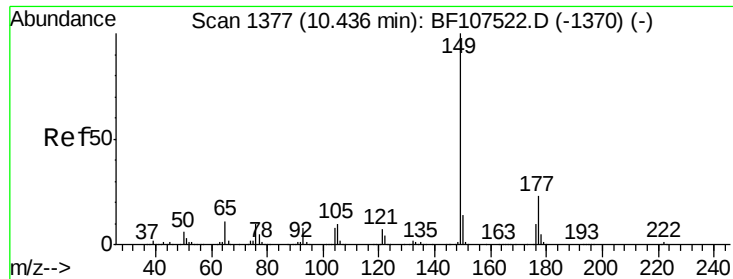
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

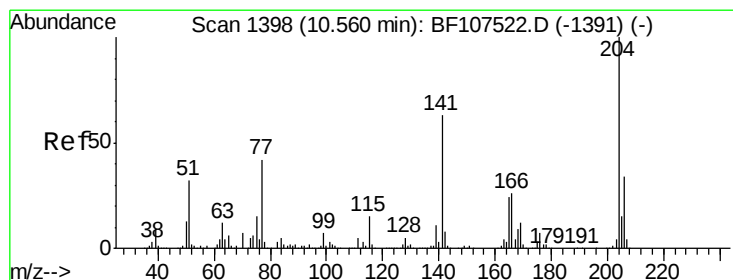
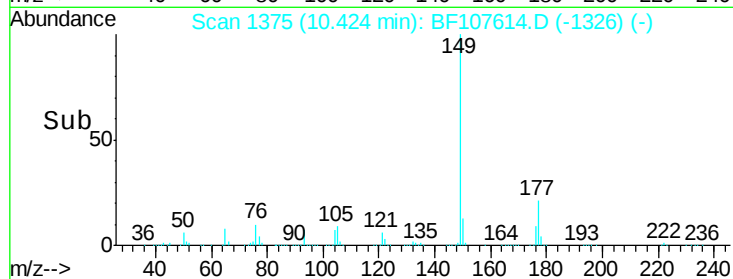
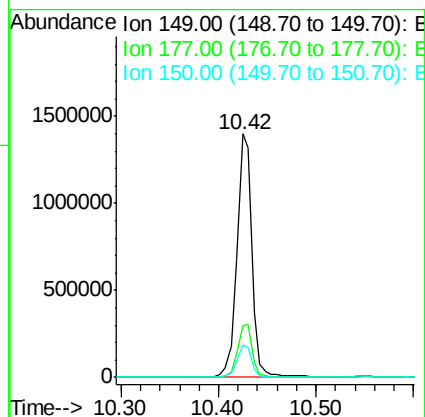
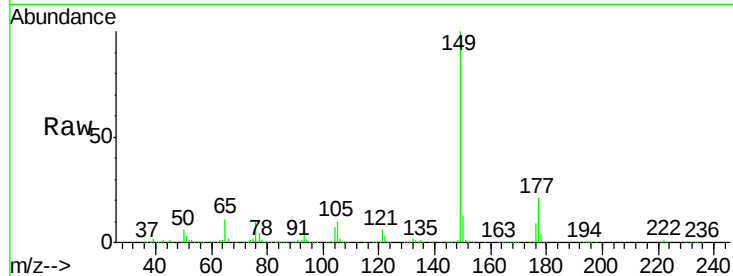




#59
Diethylphthalate
Concen: 37.651 ng
RT: 10.42 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

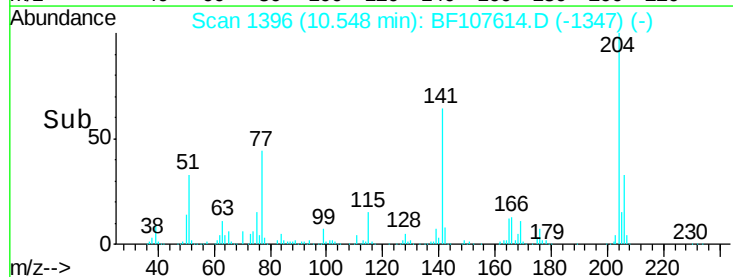
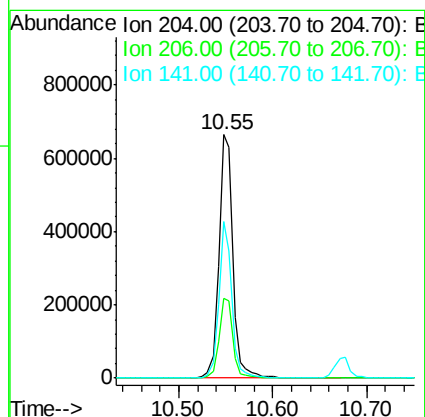
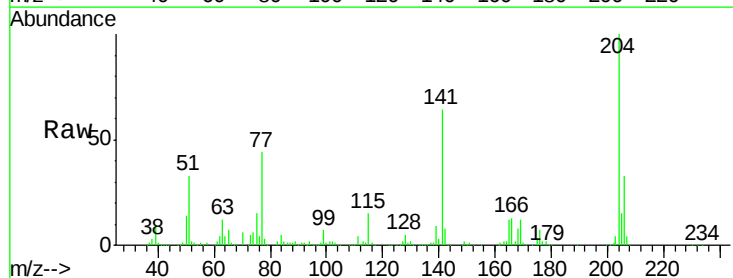
Instrument :
BNA_F
ClientSampleId :
PB111380BS

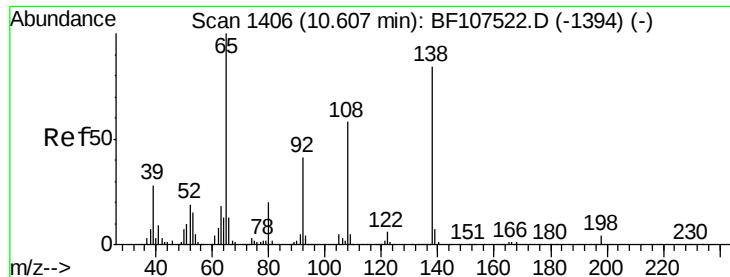
Tgt Ion:149 Resp: 1488121
Ion Ratio Lower Upper
149 100
177 21.2 16.1 24.1
150 13.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 37.132 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion:204 Resp: 693816
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 64.1 54.6 81.8

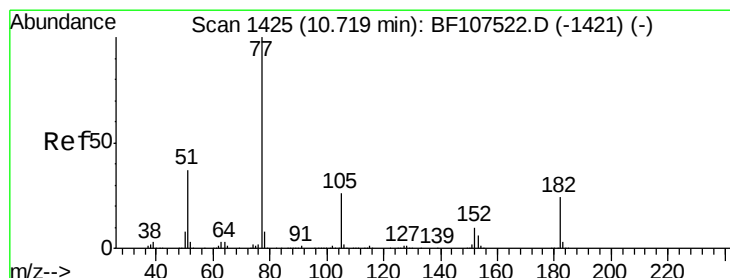
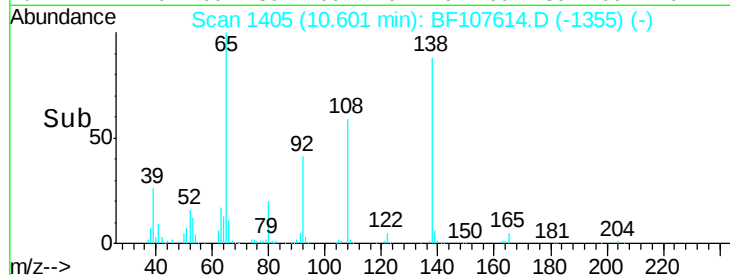
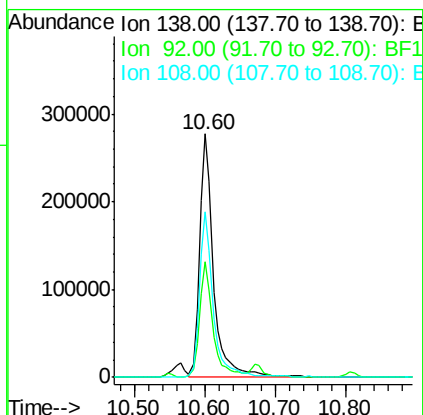
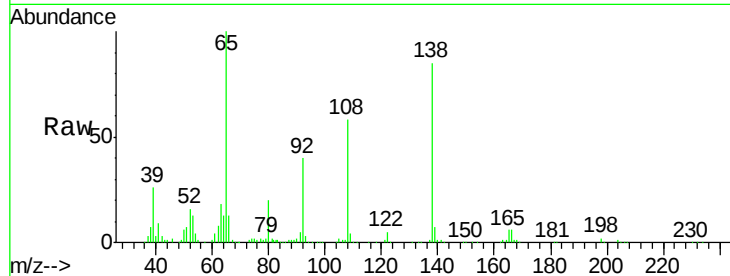




#61
4-Nitroaniline
Concen: 50.100 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

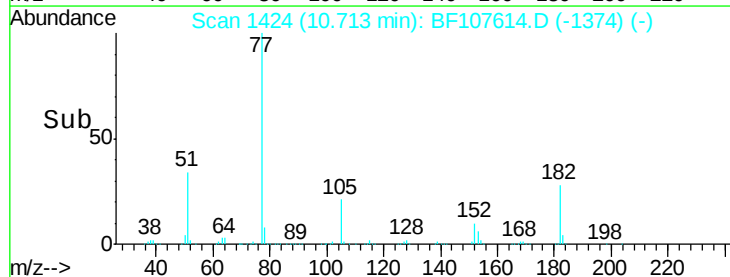
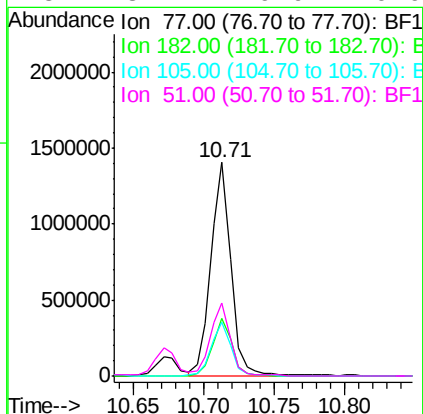
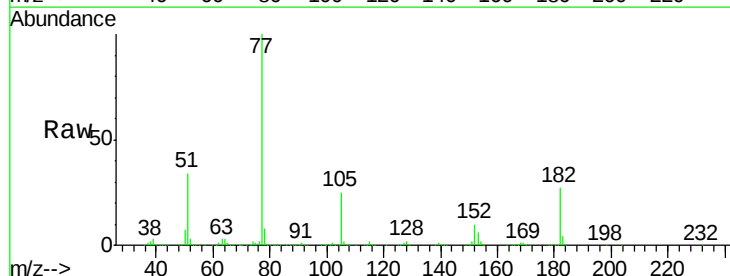
Instrument :
BNA_F
ClientSampleId :
PB111380BS

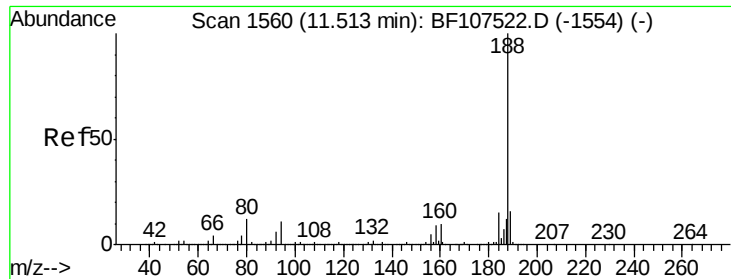
Tgt Ion:138 Resp: 384755
Ion Ratio Lower Upper
138 100
92 47.3 30.2 70.2
108 67.8 52.5 92.5



#62
Azobenzene
Concen: 37.069 ng
RT: 10.71 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion: 77 Resp: 1373821
Ion Ratio Lower Upper
77 100
182 27.0 1.7 41.7
105 25.3 3.0 43.0
51 34.4 9.9 49.9

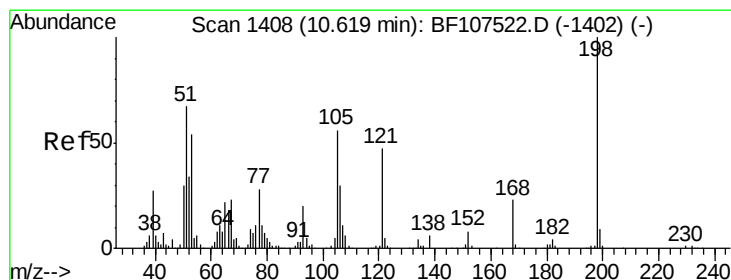
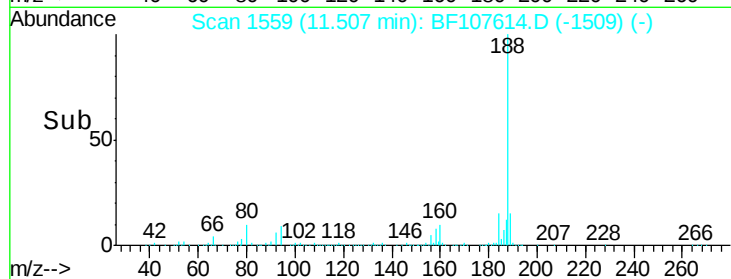
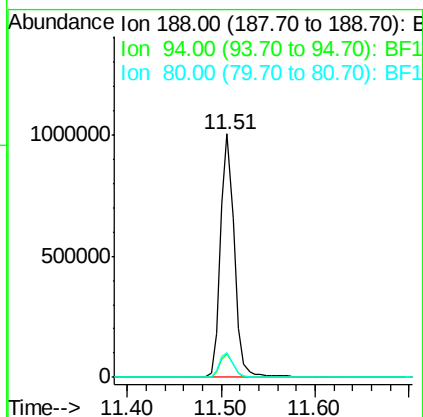
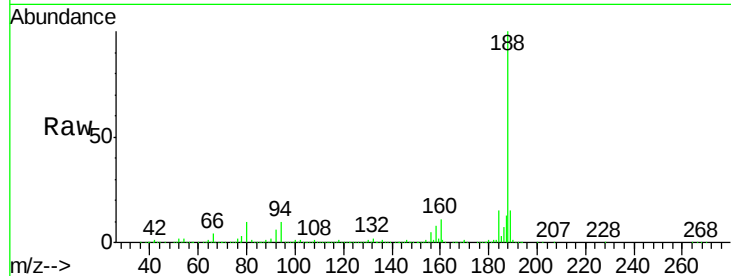




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

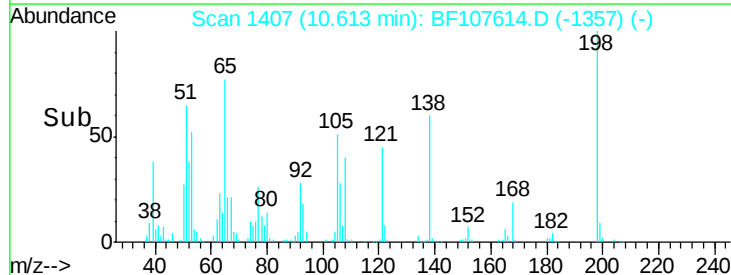
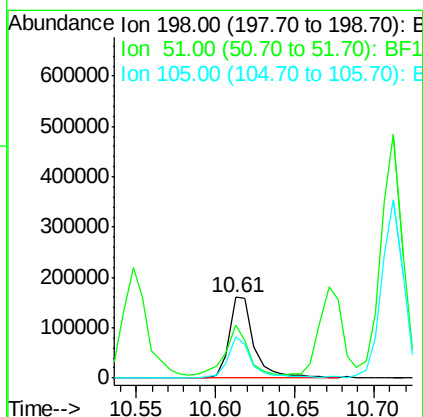
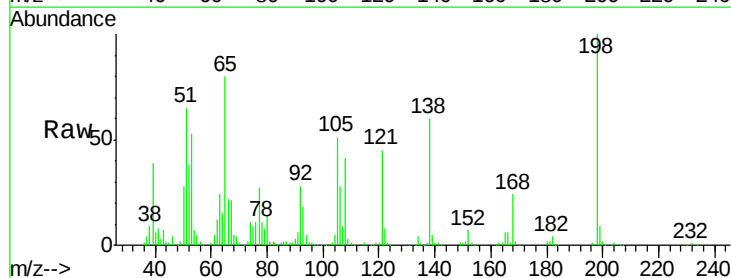
Instrument :
BNA_F
ClientSampleId :
PB111380BS

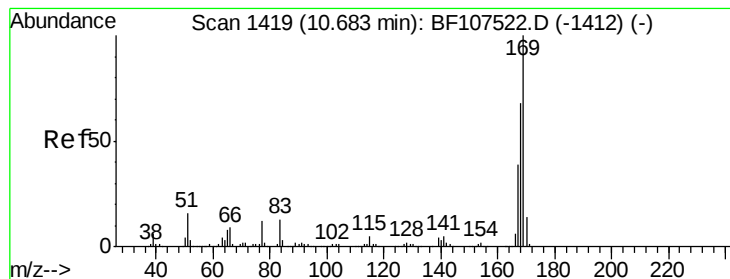
Tgt Ion:188 Resp: 1040602
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 37.253 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion:198 Resp: 175226
Ion Ratio Lower Upper
198 100
51 65.1 37.7 77.7
105 51.1 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 35.633 ng

RT: 10.68 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampleId :

PB111380BS

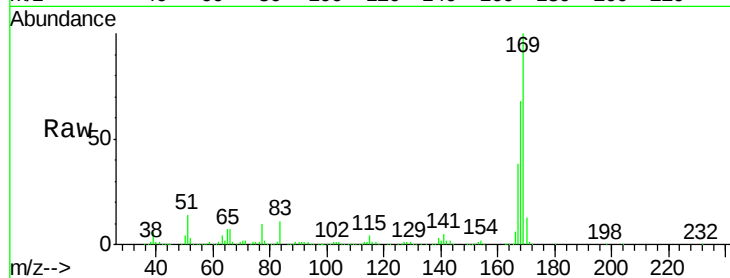
Tgt Ion:169 Resp: 1259331

Ion Ratio Lower Upper

169 100

168 68.5 54.4 81.6

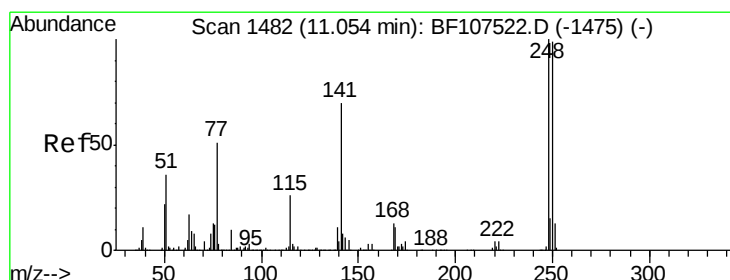
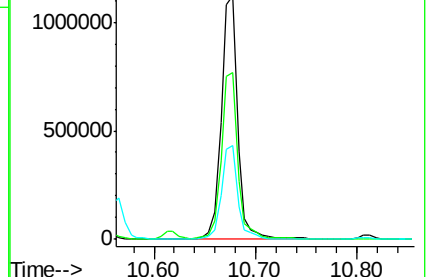
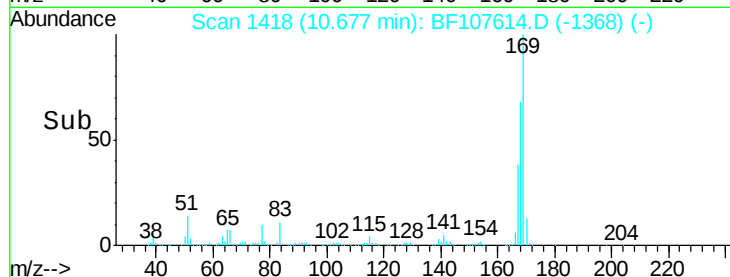
167 38.4 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.052 ng

RT: 11.04 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

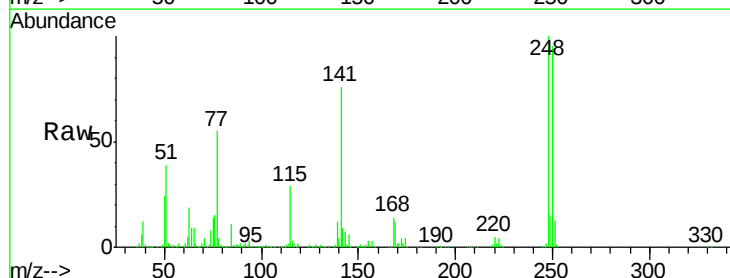
Tgt Ion:248 Resp: 441626

Ion Ratio Lower Upper

248 100

250 94.7 76.9 115.3

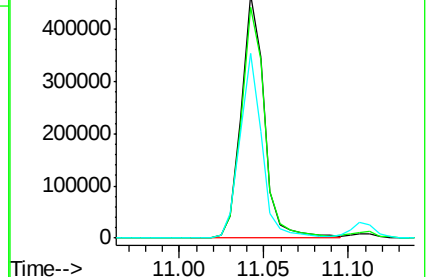
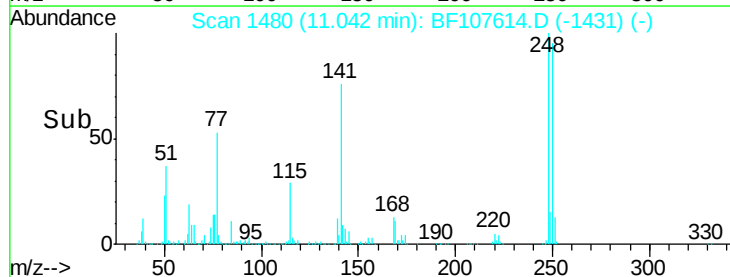
141 75.8 74.4 111.6

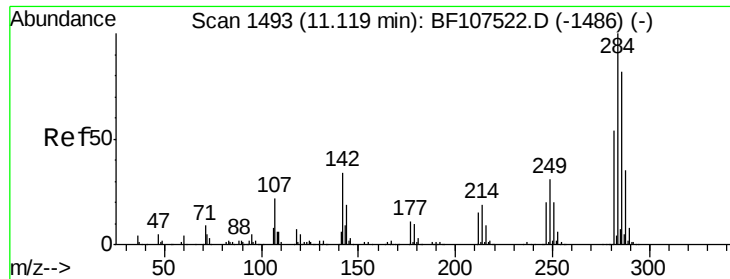


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

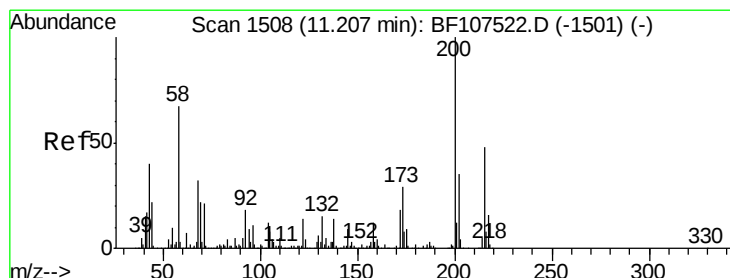
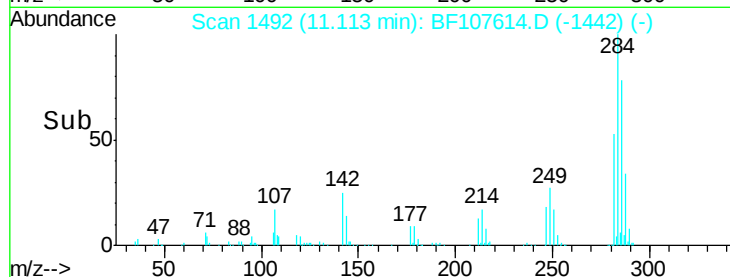
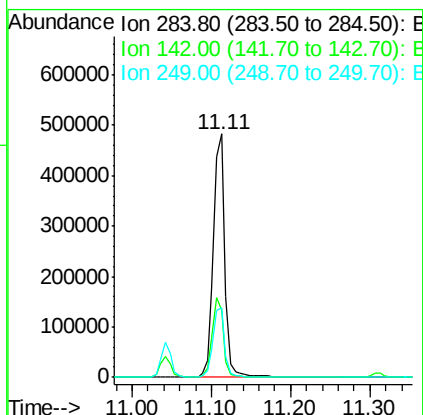
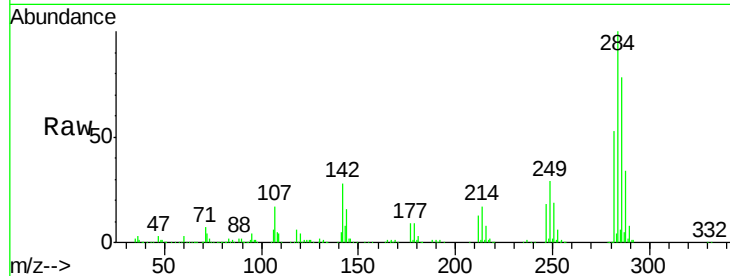




#67
Hexachlorobenzene
Concen: 36.097 ng
RT: 11.11 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

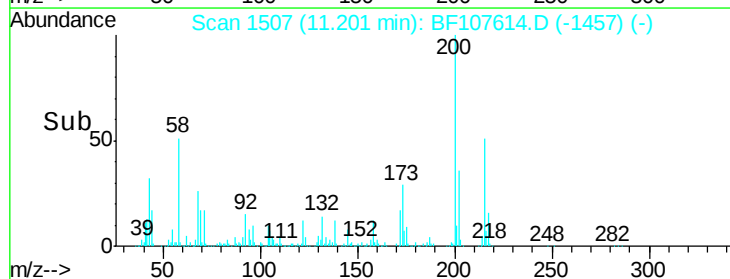
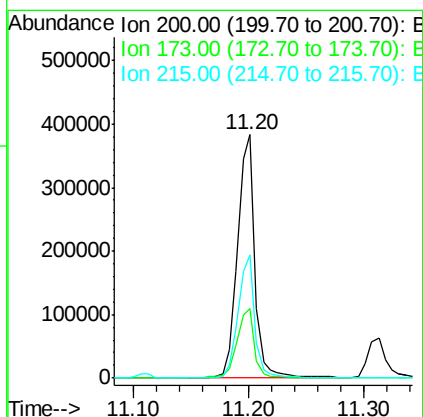
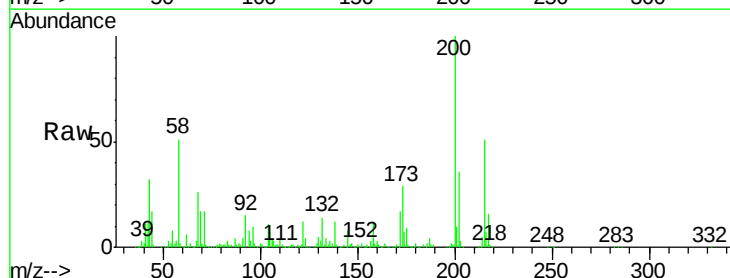
Instrument :
BNA_F
ClientSampleId :
PB111380BS

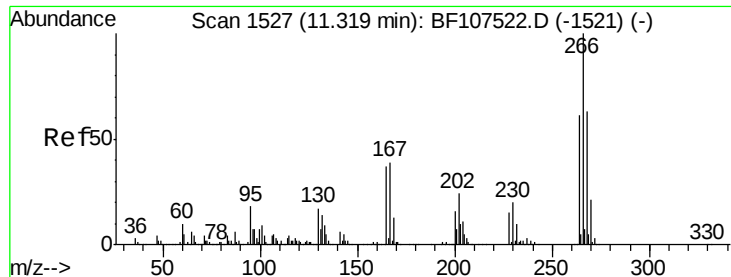
Tgt Ion: 284 Resp: 486528
Ion Ratio Lower Upper
284 100
142 27.5 34.6 52.0#
249 28.5 24.8 37.2



#68
Atrazine
Concen: 37.165 ng
RT: 11.20 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion: 200 Resp: 401028
Ion Ratio Lower Upper
200 100
173 28.5 8.6 48.6
215 50.6 25.1 65.1

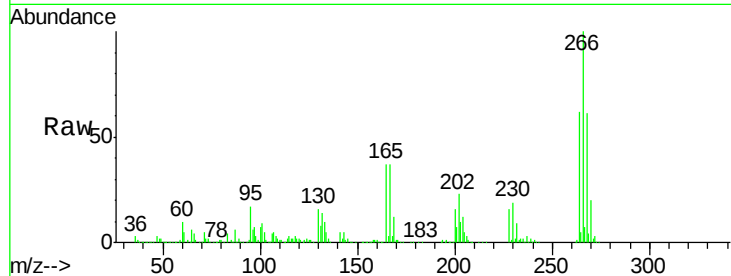




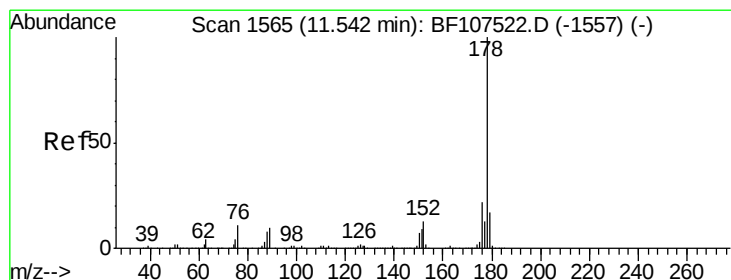
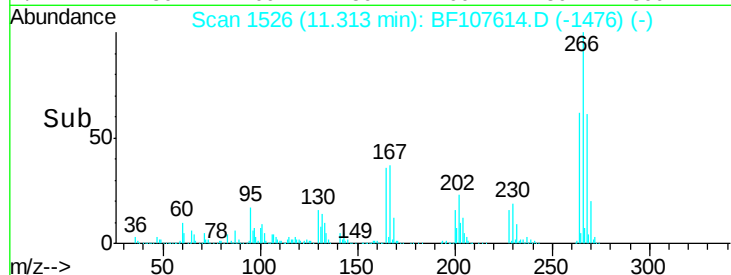
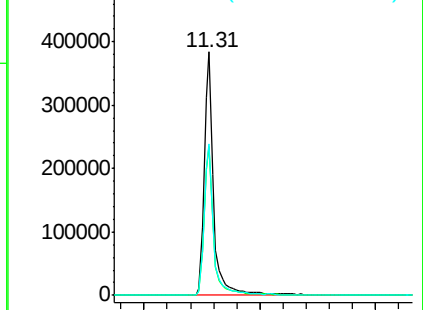
#69
 Pentachlorophenol
 Concen: 53.118 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB111380BS

Tgt Ion: 266 Resp: 447192
 Ion Ratio Lower Upper
 266 100
 268 61.0 51.1 76.7
 264 62.3 49.5 74.3

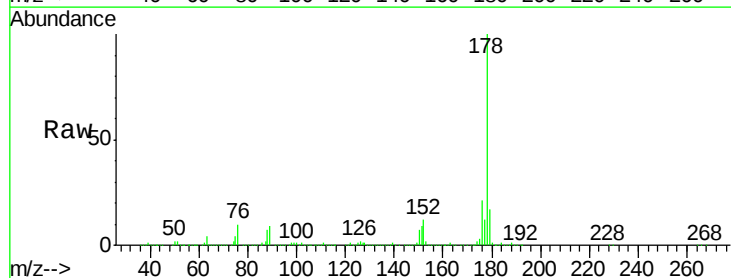


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

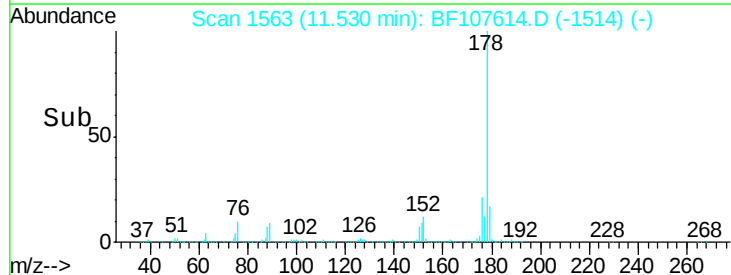
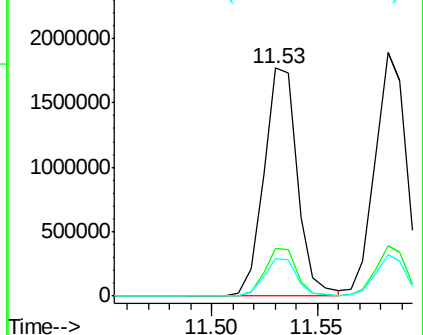


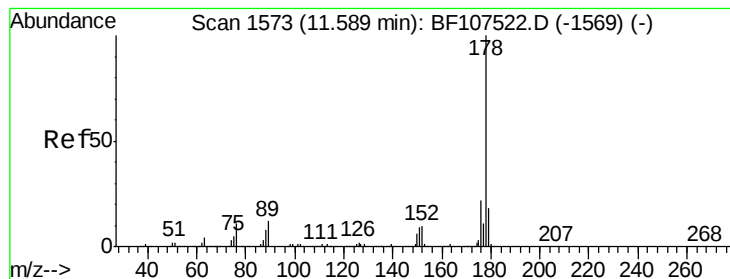
#70
 Phenanthrene
 Concen: 38.645 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Tgt Ion: 178 Resp: 1959628
 Ion Ratio Lower Upper
 178 100
 176 21.0 15.8 23.8
 179 16.7 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: 41.217 ng

RT: 11.58 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampleId :

PB111380BS

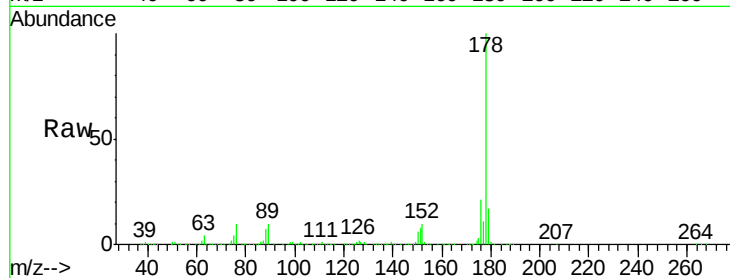
Tgt Ion:178 Resp: 2104381

Ion Ratio Lower Upper

178 100

176 20.6 15.4 23.2

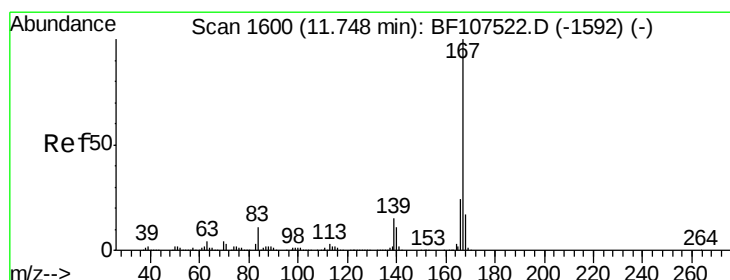
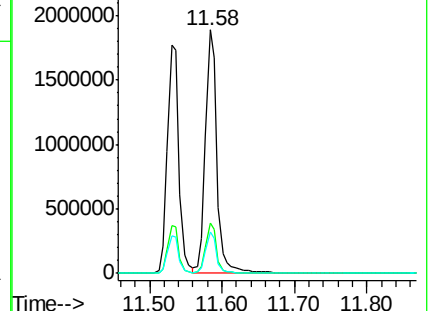
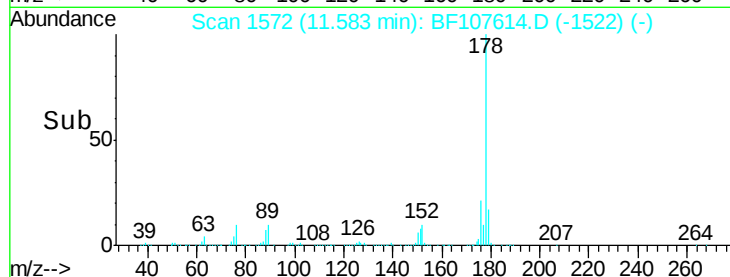
179 17.1 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.742 ng

RT: 11.74 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

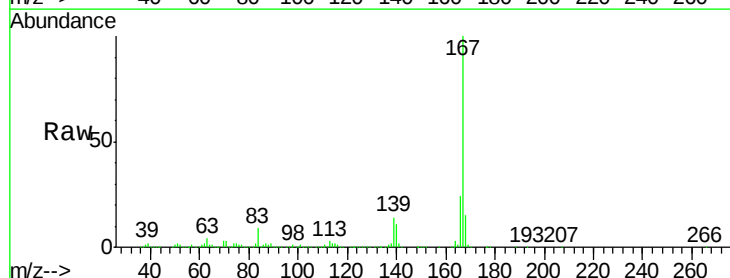
Tgt Ion:167 Resp: 2003825

Ion Ratio Lower Upper

167 100

166 23.6 17.6 26.4

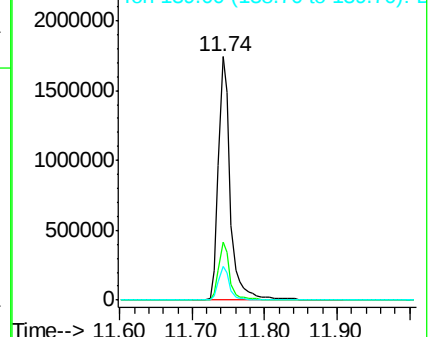
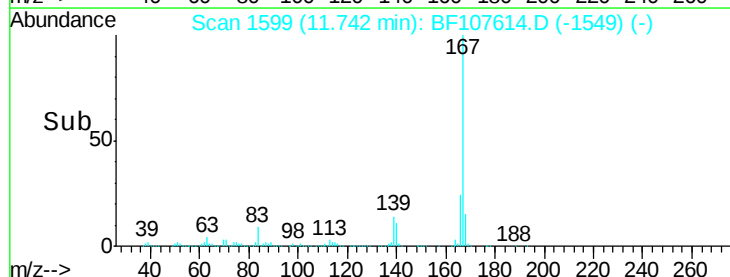
139 13.8 10.9 16.3

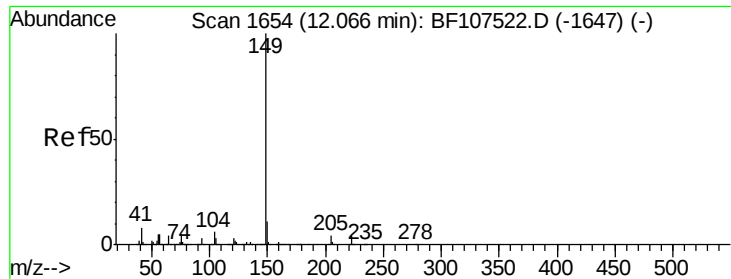


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.332 ng

RT: 12.05 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampleId :

PB111380BS

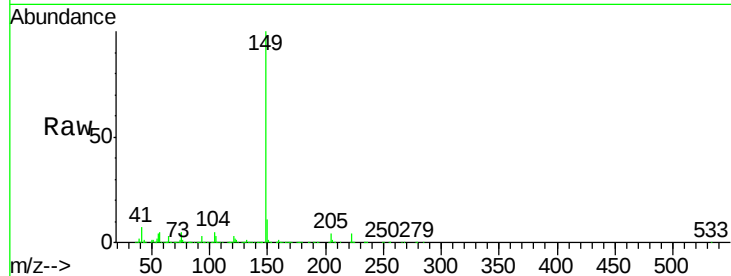
Tgt Ion:149 Resp: 2230185

Ion Ratio Lower Upper

149 100

150 10.6 7.8 11.6

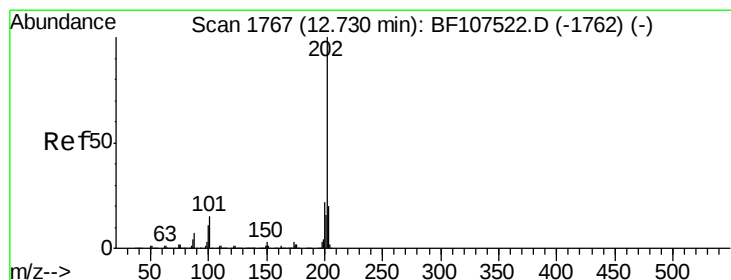
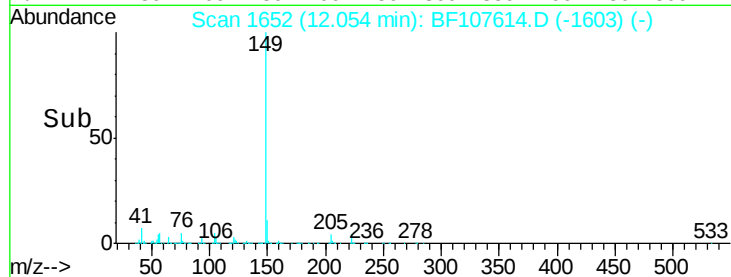
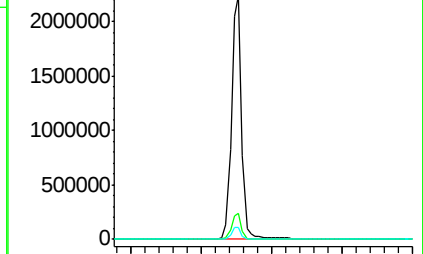
104 5.0 3.8 5.8



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: 40.140 ng

RT: 12.72 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

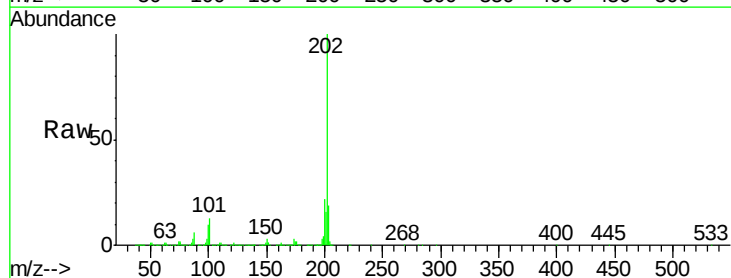
Tgt Ion:202 Resp: 2184211

Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.1

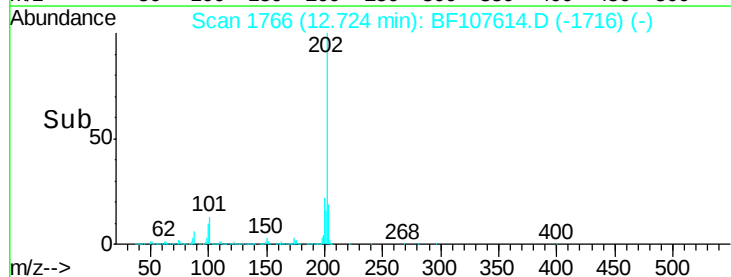
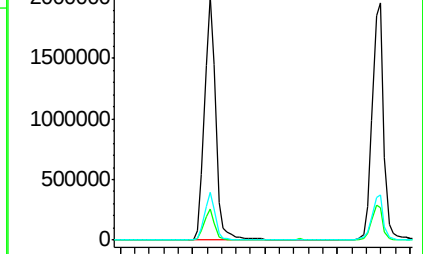
203 19.4 0.0 38.1

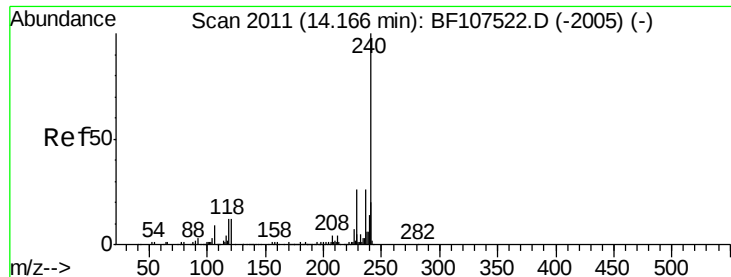


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

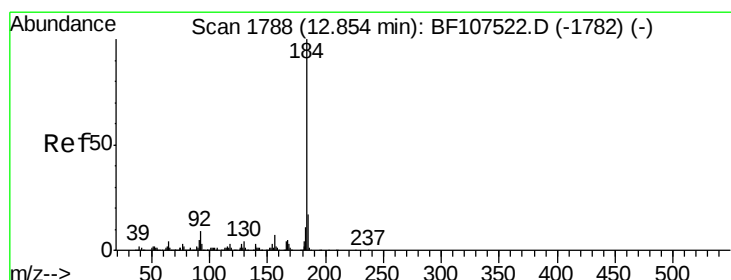
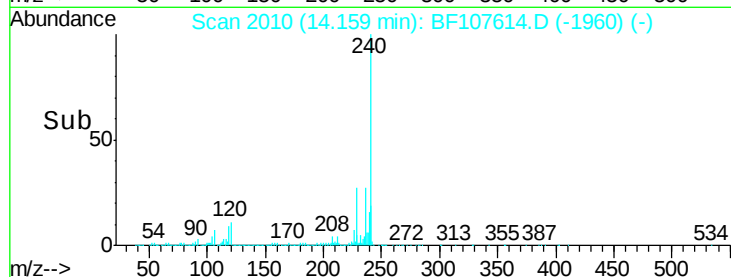
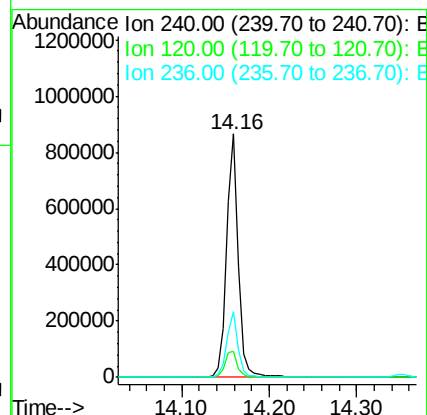
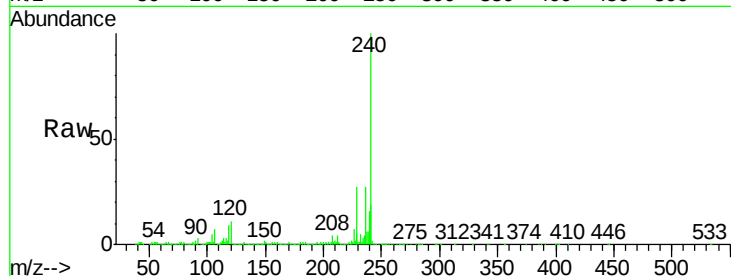




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

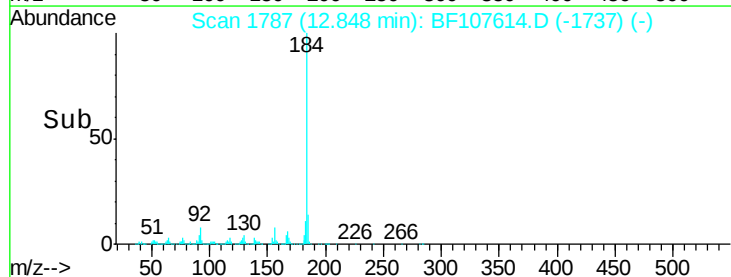
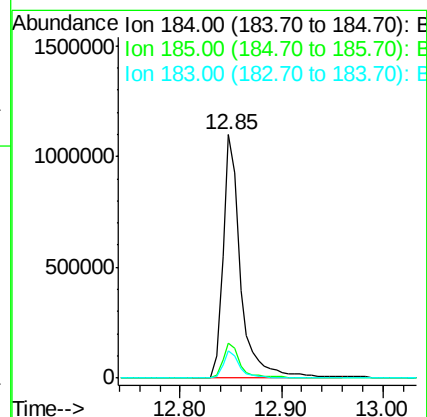
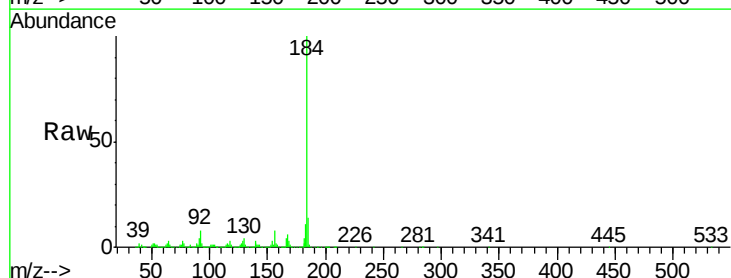
Instrument :
BNA_F
ClientSampleId :
PB111380BS

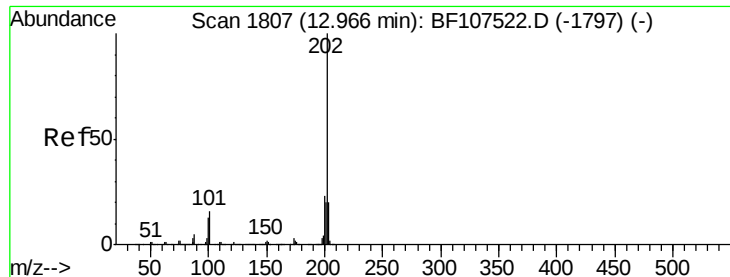
Tgt Ion:240 Resp: 796022
Ion Ratio Lower Upper
240 100
120 10.8 9.5 14.3
236 26.8 20.7 31.1



#76
Benzidine
Concen: 57.548 ng
RT: 12.85 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion:184 Resp: 1319224
Ion Ratio Lower Upper
184 100
185 14.4 12.6 18.8
183 11.5 9.3 13.9

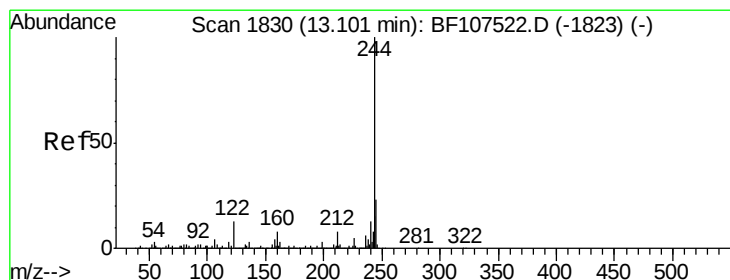
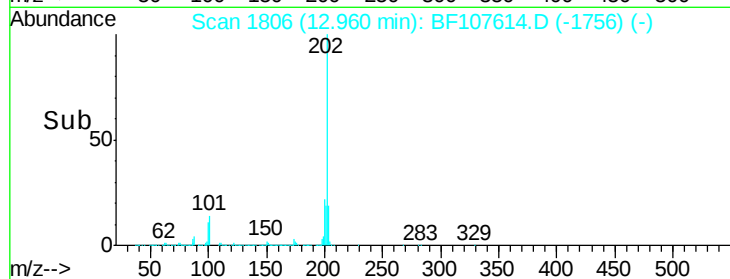
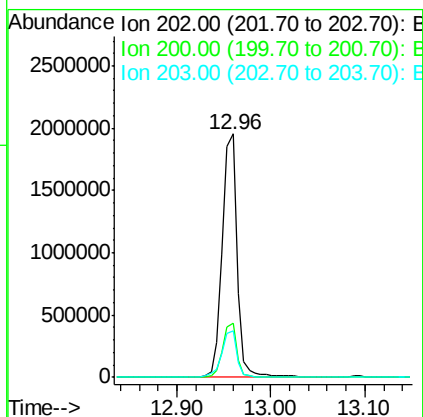
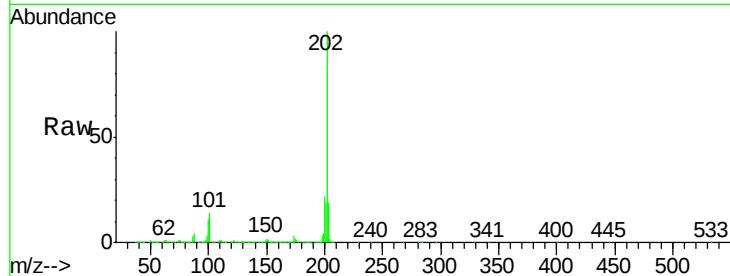




#77
 Pyrene
 Concen: 39.767 ng
 RT: 12.96 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

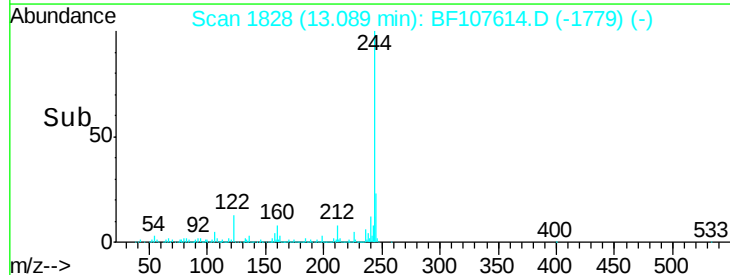
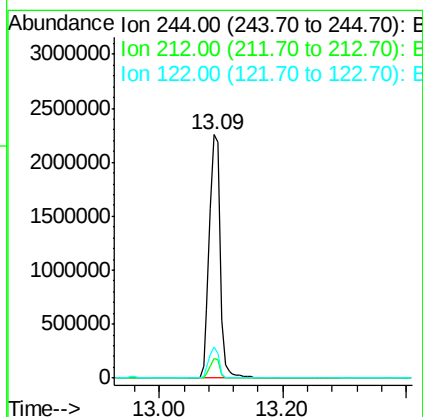
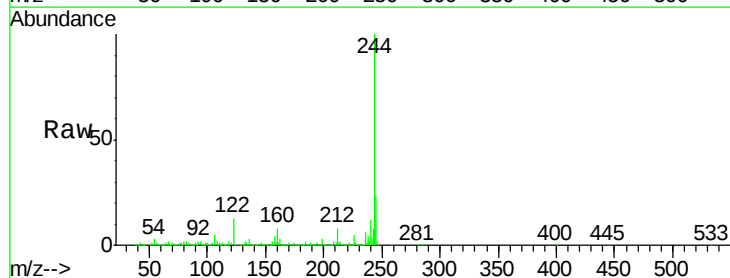
Instrument :
 BNA_F
 ClientSampleId :
 PB111380BS

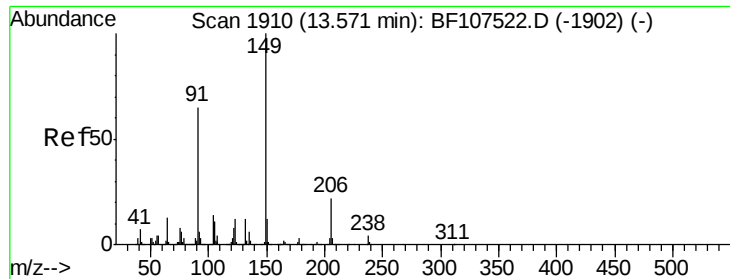
Tgt Ion:202 Resp: 2165239
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.4 26.2
 203 18.9 14.3 21.5



#78
 Terphenyl-d14
 Concen: 87.391 ng
 RT: 13.09 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Tgt Ion:244 Resp: 2717284
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.0
 122 12.8 11.0 16.4

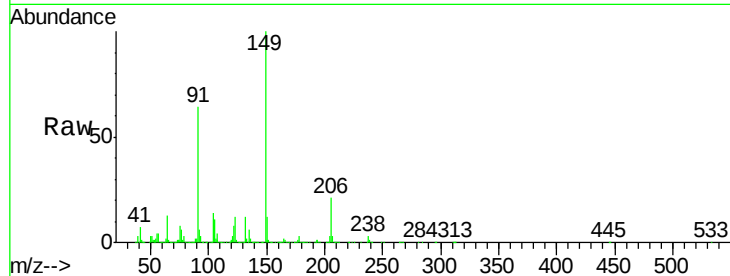




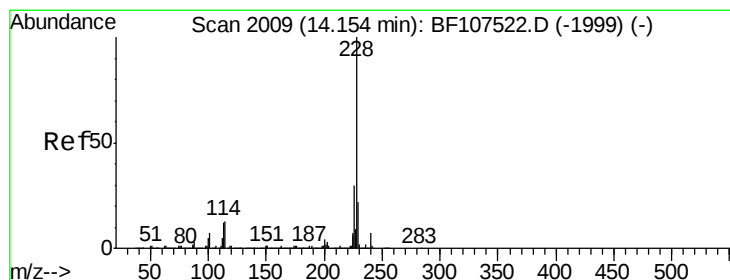
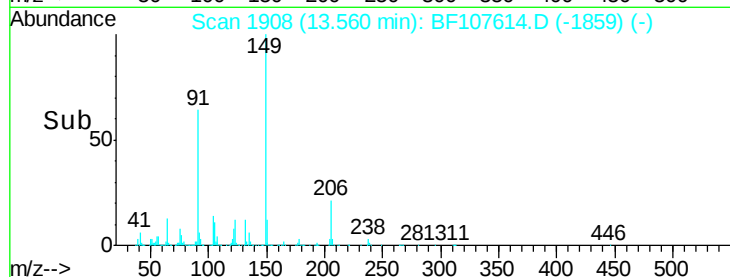
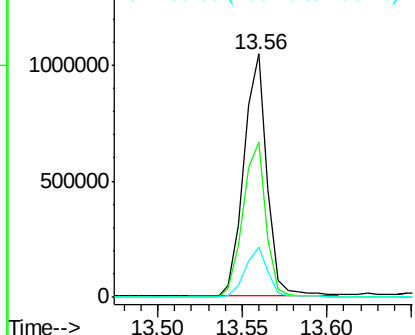
#79
Butylbenzylphthalate
Concen: 42.567 ng
RT: 13.56 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Instrument :
BNA_F
ClientSampleId :
PB111380BS

Tgt Ion:149 Resp: 996753
Ion Ratio Lower Upper
149 100
91 63.9 56.8 85.2
206 20.7 14.1 21.1

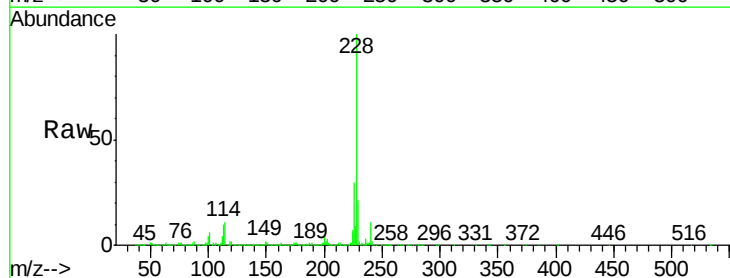


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

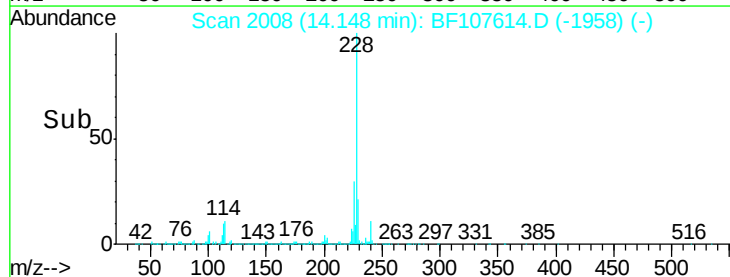
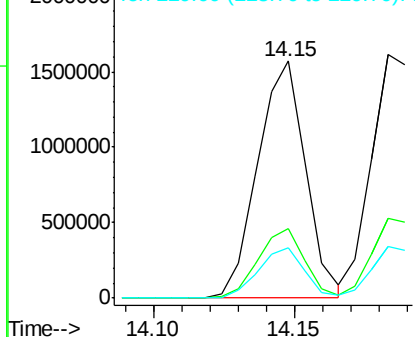


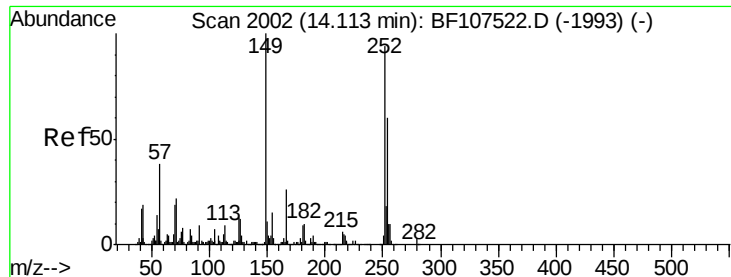
#80
Benzo(a)anthracene
Concen: 39.449 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion:228 Resp: 1840223
Ion Ratio Lower Upper
228 100
226 29.5 22.6 33.8
229 21.2 15.8 23.6



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

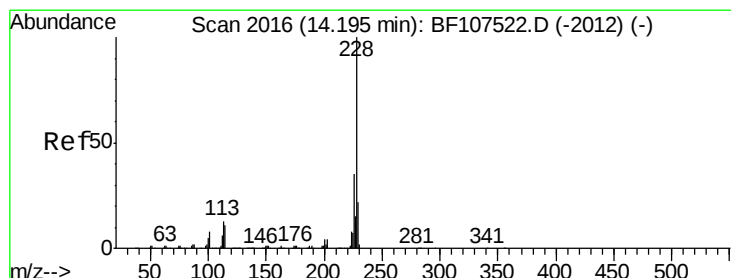
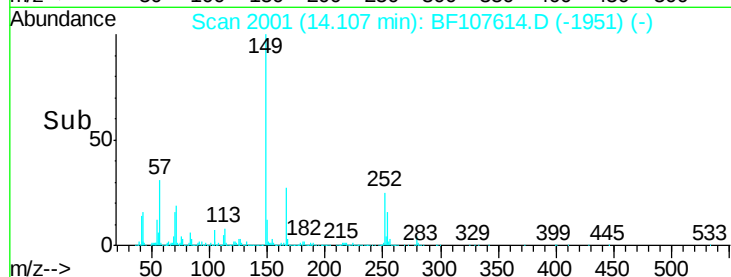
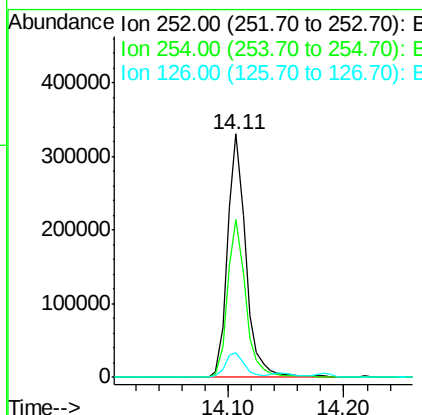
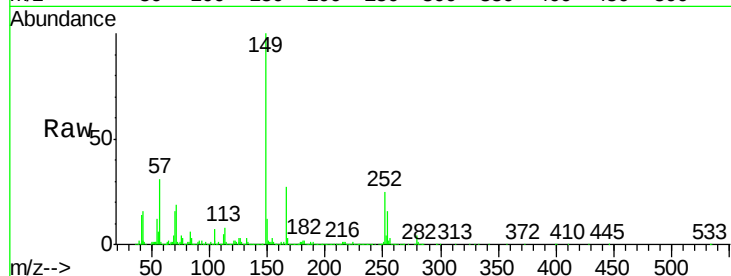




#81
 3,3'-Dichlorobenzidine
 Concen: 22.758 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

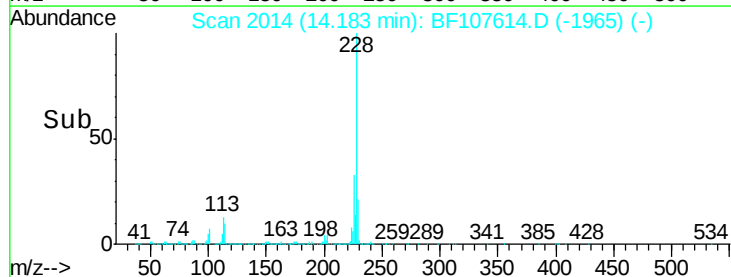
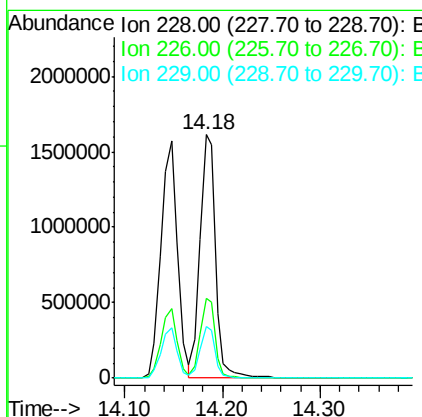
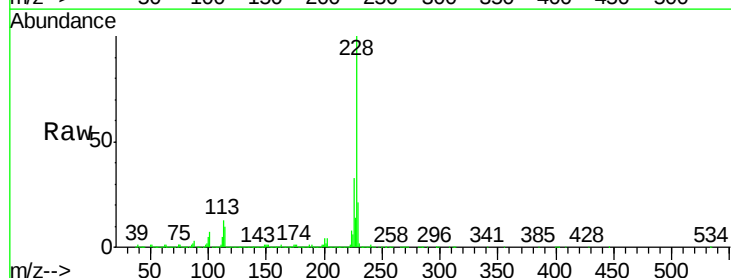
Instrument :
 BNA_F
 ClientSampleId :
 PB111380BS

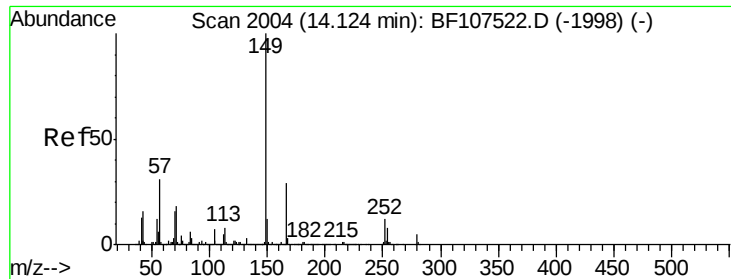
Tgt Ion:252 Resp: 364088
 Ion Ratio Lower Upper
 252 100
 254 64.6 50.4 75.6
 126 10.1 11.3 16.9#



#82
 Chrysene
 Concen: 39.643 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Tgt Ion:228 Resp: 1776433
 Ion Ratio Lower Upper
 228 100
 226 32.7 25.0 37.6
 229 21.3 16.2 24.4

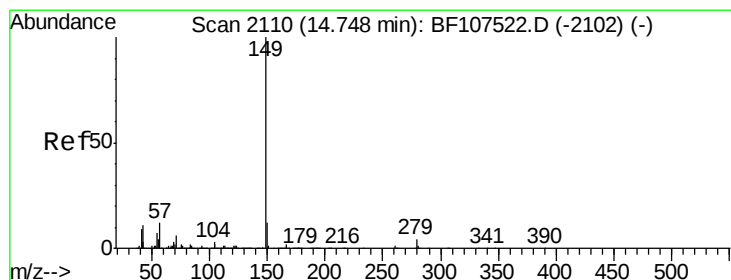
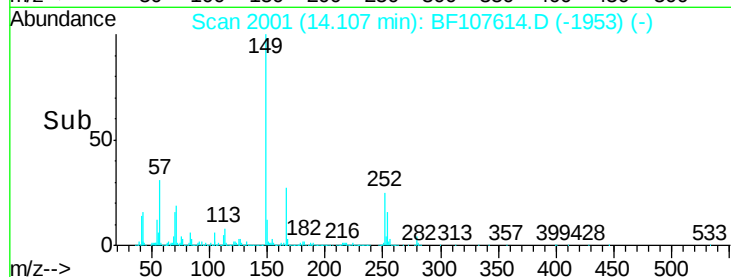
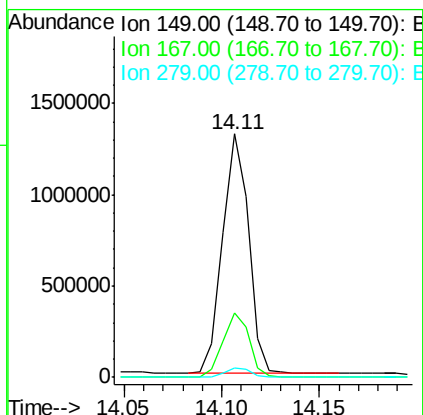
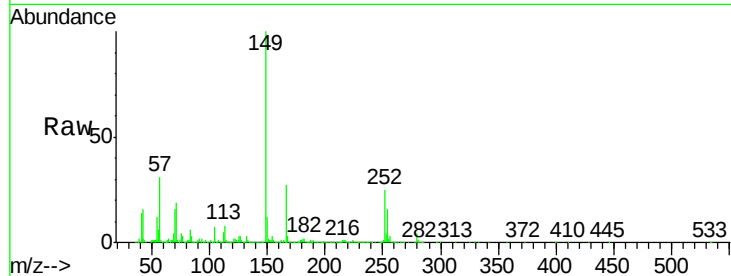




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.986 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

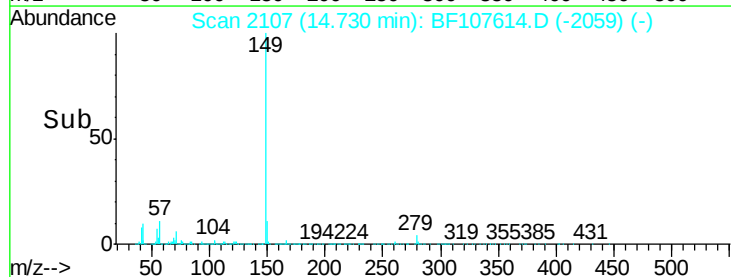
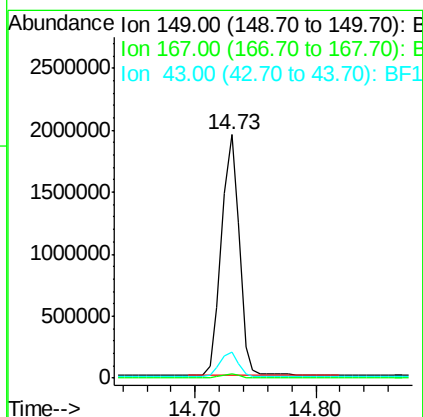
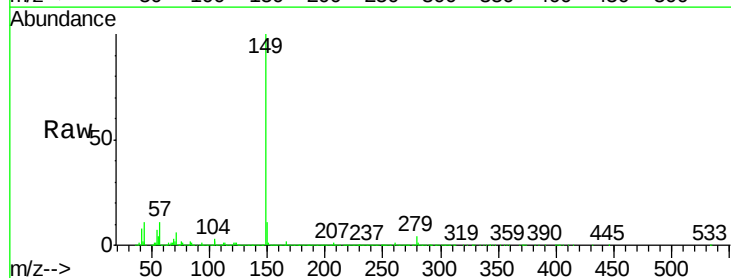
Instrument :
 BNA_F
 ClientSampleId :
 PB111380BS

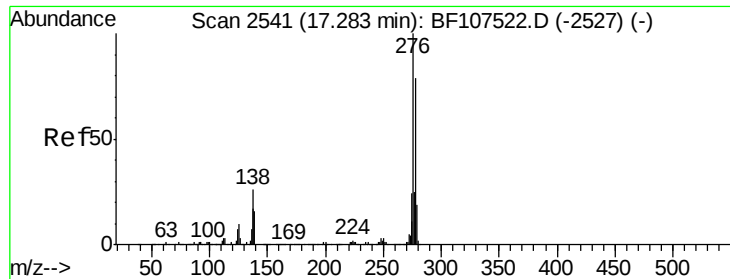
Tgt Ion:149 Resp: 1221995
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 3.7 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 38.785 ng
 RT: 14.73 min Scan# 2107
 Delta R.T. -0.02 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Tgt Ion:149 Resp: 1991814
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.9 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.419 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.02 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampleId :

PB111380BS

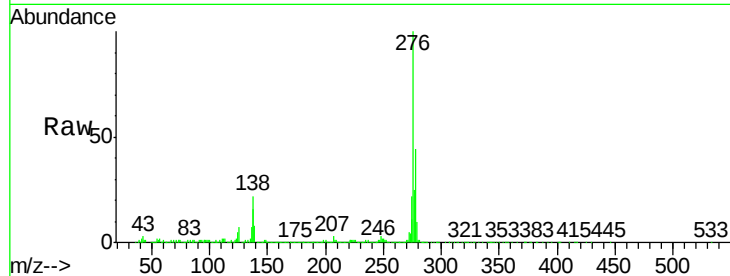
Tgt Ion:276 Resp: 1573002

Ion Ratio Lower Upper

276 100

138 25.0 25.0 37.6#

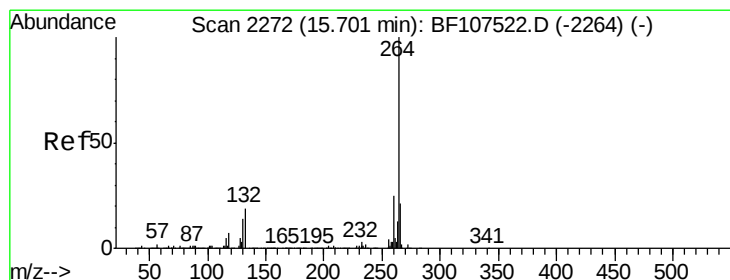
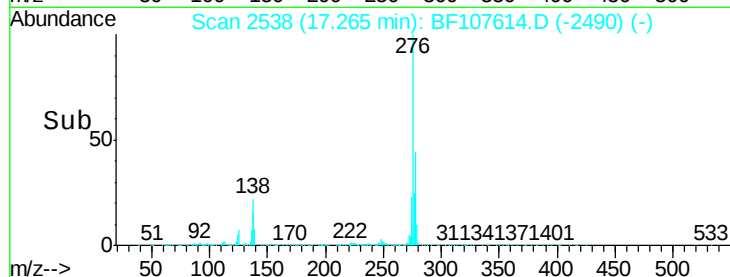
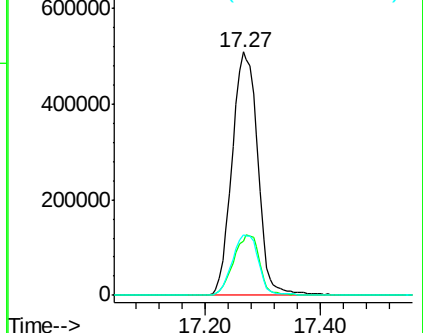
277 25.2 20.1 30.1



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: 15.69 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

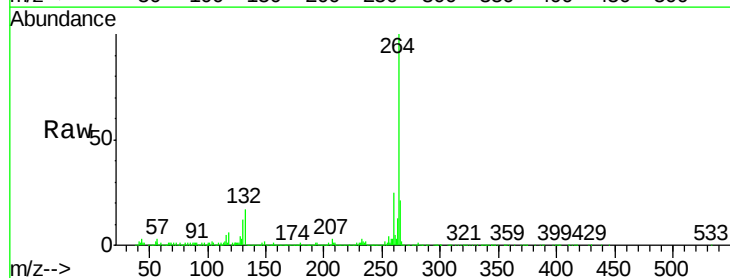
Tgt Ion:264 Resp: 712880

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

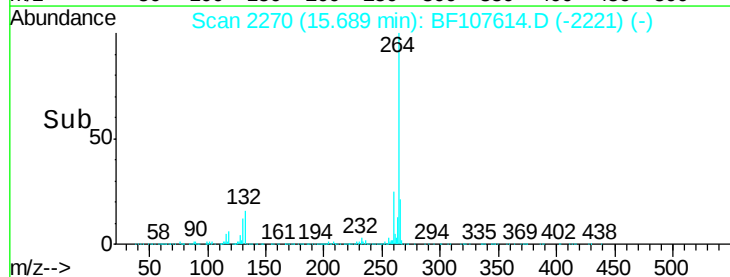
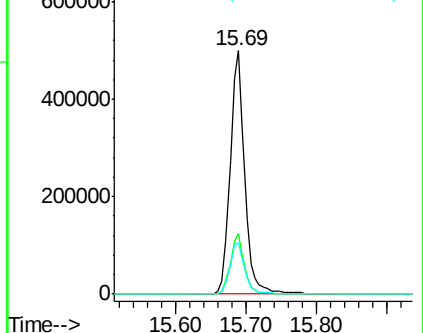
265 21.1 17.5 26.3

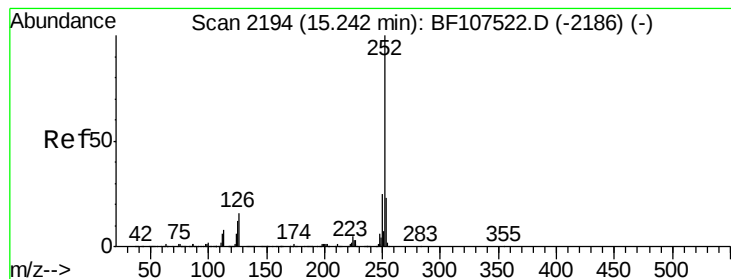


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.089 ng

RT: 15.23 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampleId :

PB111380BS

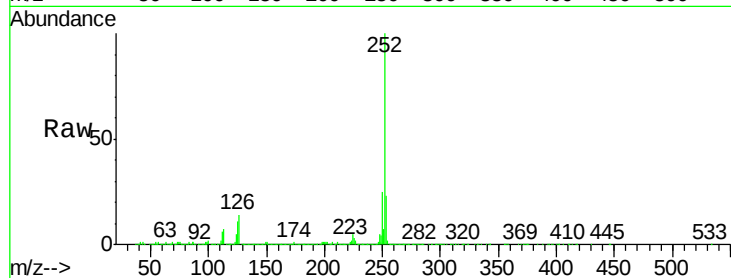
Tgt Ion:252 Resp: 1603108

Ion Ratio Lower Upper

252 100

253 22.7 17.0 25.6

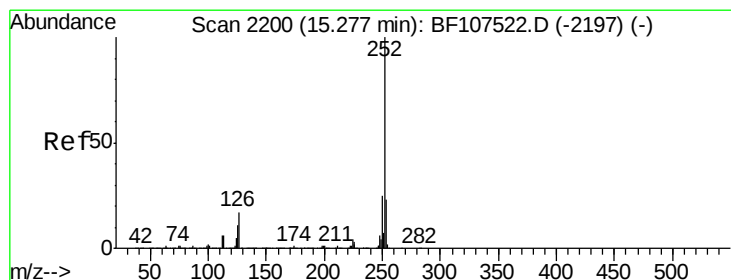
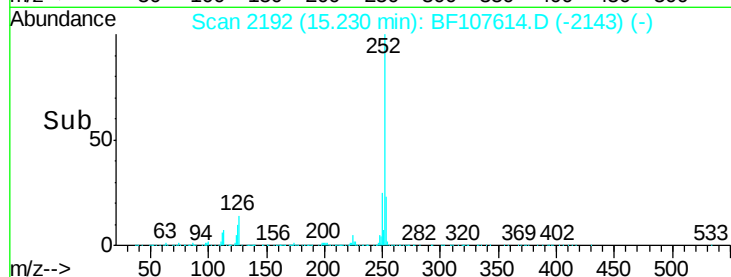
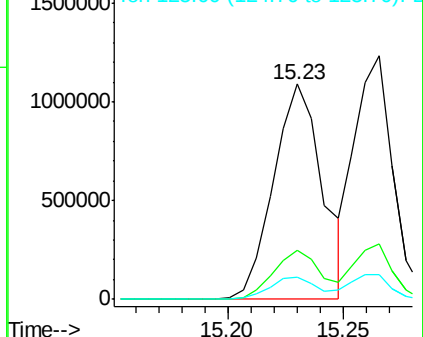
125 10.5 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.940 ng

RT: 15.23 min Scan# 2192

Delta R.T. -0.05 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

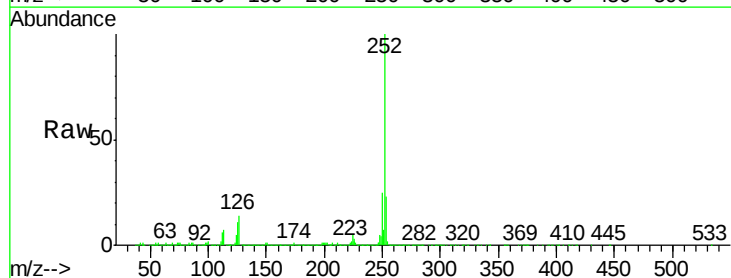
Tgt Ion:252 Resp: 1603108

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

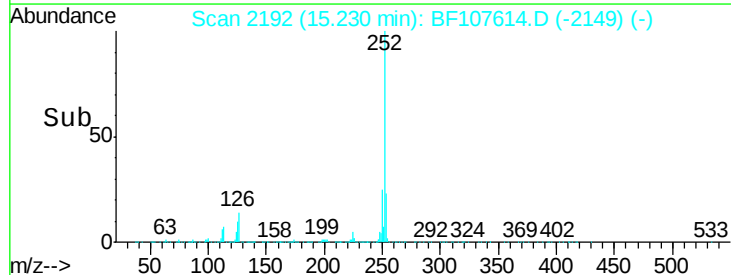
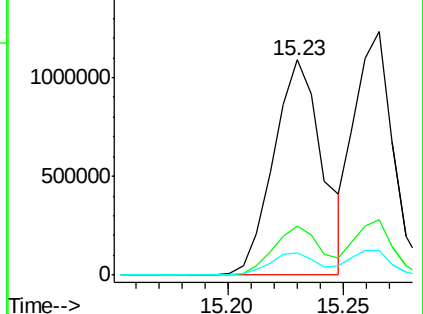
125 10.5 10.2 15.2

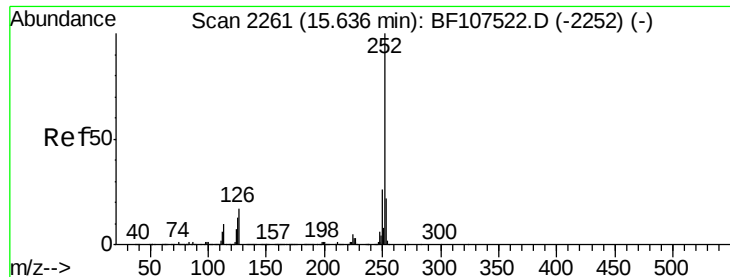


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.263 ng

RT: 15.62 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampleId :

PB111380BS

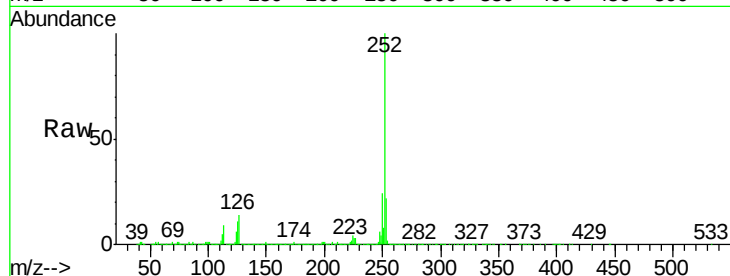
Tgt Ion:252 Resp: 1472602

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

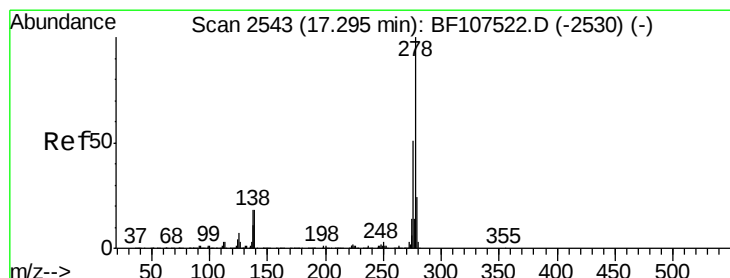
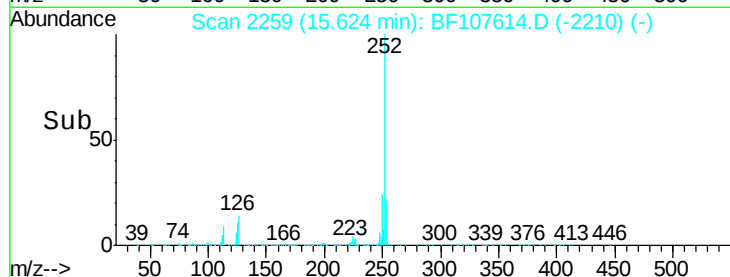
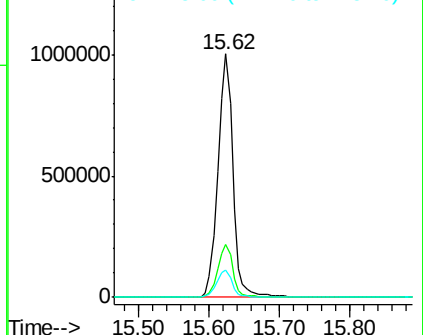
125 11.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.557 ng

RT: 17.28 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

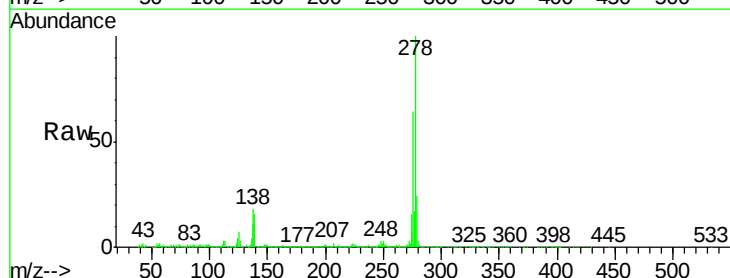
Tgt Ion:278 Resp: 1312881

Ion Ratio Lower Upper

278 100

139 16.1 15.9 23.9

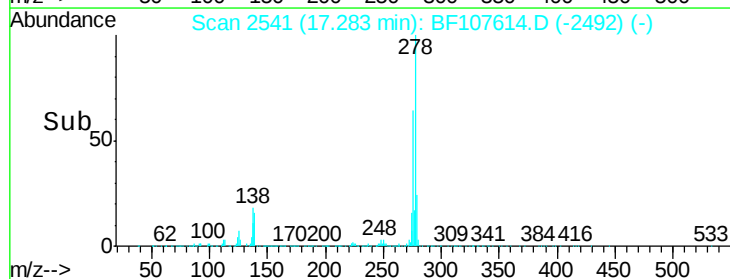
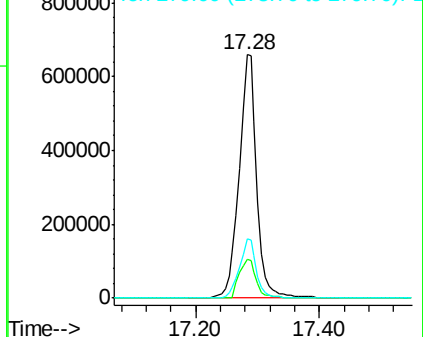
279 24.2 19.0 28.4

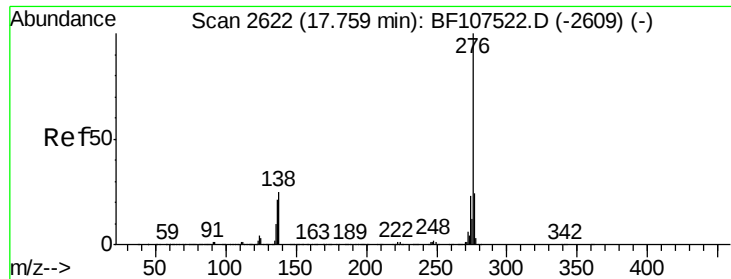


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 43.173 ng
 RT: 17.75 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB111380BS

Tgt Ion: 276 Resp: 1313748
 Ion Ratio Lower Upper
 276 100
 277 23.5 17.9 26.9
 138 21.4 21.8 32.8#

