

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107692.D
 Acq On : 26 Jul 2018 8:10
 Operator : JU/SJ
 Sample : PB111438BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 08:42:52 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	188378	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	701543	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	278878	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	486891	20.00	ng	0.00
75) Chrysene-d12	14.16	240	338553	20.00	ng	0.00
86) Perylene-d12	15.69	264	290963	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	977437	83.42	ng	0.00
7) Phenol-d6	6.61	99	1171643	83.28	ng	0.00
23) Nitrobenzene-d5	7.54	82	1091912	105.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	302160	95.28	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1929916	142.30	ng	-0.01
78) Terphenyl-d14	13.09	244	1470184	111.17	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.91	88	172259	31.587	ng	# 85
3) Pyridine	3.67	79	451468	30.431	ng	# 87
4) n-Nitrosodimethylamine	3.64	42	202553	32.372	ng	# 99
6) Aniline	6.64	93	475808	26.223	ng	# 78
8) 2-Chlorophenol	6.76	128	545095	43.425	ng	# 98
9) Benzaldehyde	6.52	77	185196	18.534	ng	# 92
10) Phenol	6.62	94	636615	38.477	ng	# 93
11) bis(2-Chloroethyl)ether	6.70	93	459044	33.465	ng	# 92
12) 1,3-Dichlorobenzene	6.91	146	576200	40.487	ng	# 98
13) 1,4-Dichlorobenzene	6.98	146	623357	42.734	ng	# 98
14) 1,2-Dichlorobenzene	7.14	146	539602	41.221	ng	# 99
15) Benzyl Alcohol	7.11	79	413478	43.124	ng	# 99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	855899	36.986	ng	# 84
17) 2-Methylphenol	7.22	107	453120	42.471	ng	# 90
18) Hexachloroethane	7.48	117	172573	33.730	ng	# 96
19) n-Nitroso-di-n-propylamine	7.38	70	364272	40.081	ng	# 99
20) 3+4-Methylphenols	7.38	107	538320	42.492	ng	# 59
22) Acetophenone	7.38	105	767330	46.573	ng	# 89
24) Nitrobenzene	7.55	77	538561	45.233	ng	# 98
25) Isophorone	7.79	82	1001305	45.113	ng	# 99
26) 2-Nitrophenol	7.87	139	252674	50.254	ng	# 97
27) 2,4-Dimethylphenol	7.90	122	482195	50.665	ng	# 99
28) bis(2-Chloroethoxy)methane	8.00	93	646474	43.584	ng	# 99
29) 2,4-Dichlorophenol	8.11	162	451810	46.446	ng	# 97
30) 1,2,4-Trichlorobenzene	8.19	180	482761	44.186	ng	# 99
31) Naphthalene	8.27	128	1506844	48.845	ng	# 98
32) Benzoic acid	8.03	122	236908	37.688	ng	# 99
33) 4-Chloroaniline	8.33	127	229495	17.020	ng	# 98
34) Hexachlorobutadiene	8.38	225	285745	44.014	ng	# 99
35) Caprolactam	8.70	113	135651	42.873	ng	# 76
36) 4-Chloro-3-methylphenol	8.81	107	476621	44.108	ng	# 97
37) 2-Methylnaphthalene	8.97	142	1006338	47.074	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	471542	50.694	ng	# 96
40) Hexachlorocyclopentadiene	9.11	237	67923	14.365	ng	# 100

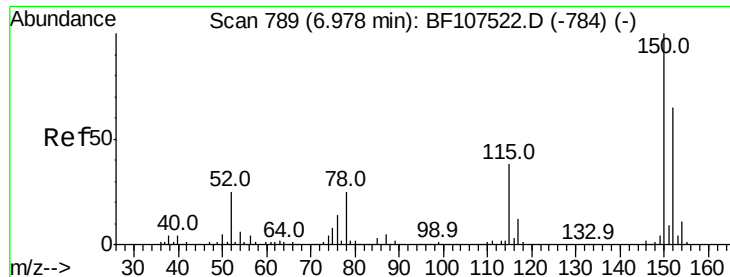
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	289030	48.545	nq	98
43) 2,4,5-Trichlorophenol	9.29	196	312825	50.272	nq	98
45) 1,1'-Biphenyl	9.43	154	1225939	50.464	nq	98
46) 2-Chloronaphthalene	9.46	162	886598	47.746	nq	99
47) 2-Nitroaniline	9.56	65	310932	57.436	nq	92
48) Acenaphthylene	9.88	152	1406206	50.411	nq	99
49) Dimethylphthalate	9.72	163	1065314	50.686	nq	99
50) 2,6-Dinitrotoluene	9.79	165	204658	49.044	nq	93
51) Acenaphthene	10.05	154	823494	47.117	nq	99
52) 3-Nitroaniline	9.97	138	212458	41.851	nq	98
53) 2,4-Dinitrophenol	10.08	184	33121	28.532	nq #	53
54) Dibenzofuran	10.22	168	1198927	46.596	nq	99
55) 4-Nitrophenol	10.14	139	275434	72.466	nq	96
56) 2,4-Dinitrotoluene	10.20	165	236831	47.017	nq	97
57) Fluorene	10.57	166	925389	50.412	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	253455	48.940	nq #	84
59) Diethylphthalate	10.42	149	1048325	47.758	nq	98
60) 4-Chlorophenyl-phenylether	10.55	204	470886	45.376	nq	96
61) 4-Nitroaniline	10.59	138	227869	53.425	nq	93
62) Azobenzene	10.71	77	891387	43.306	nq	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	27532	18.276	nq	91
65) n-Nitrosodiphenylamine	10.67	169	833241	50.389	nq	100
66) 4-Bromophenyl-phenylether	11.04	248	276051	48.164	nq #	87
67) Hexachlorobenzene	11.11	284	285752	45.311	nq #	85
68) Atrazine	11.19	200	242285	47.989	nq	94
69) Pentachlorophenol	11.31	266	266492	67.653	nq	99
70) Phenanthrene	11.53	178	1165963	49.142	nq	99
71) Anthracene	11.58	178	1279821	53.574	nq	99
72) Carbazole	11.74	167	1157424	46.592	nq	99
73) Di-n-butylphthalate	12.05	149	1456784	65.337	nq	99
74) Fluoranthene	12.72	202	1226806	48.185	nq	96
76) Benzidine	12.85	184	894217	91.717	nq	97
77) Pyrene	12.95	202	1194979	51.603	nq	99
79) Butylbenzylphthalate	13.55	149	563932	56.626	nq	96
80) Benzo(a)anthracene	14.15	228	978731	49.332	nq	98
81) 3,3'-Dichlorobenzidine	14.11	252	347606	69.143	nq #	95
82) Chrysene	14.18	228	978403	51.338	nq	100
83) Bis(2-ethylhexyl)phthalate	14.11	149	722034	51.383	nq	100
84) Di-n-octyl phthalate	14.73	149	1214651	55.611	nq	99
85) Indeno(1,2,3-cd)pyrene	17.27	276	787779	48.772	nq #	93
87) Benzo(b)fluoranthene	15.23	252	825100	51.815	nq	98
88) Benzo(k)fluoranthene	15.27	252	822784	52.739	nq #	96
89) Benzo(a)pyrene	15.62	252	769228	52.809	nq	98
90) Dibenzo(a,h)anthracene	17.28	278	672907	53.441	nq #	95
91) Benzo(g,h,i)perylene	17.75	276	628164	50.576	nq	94

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

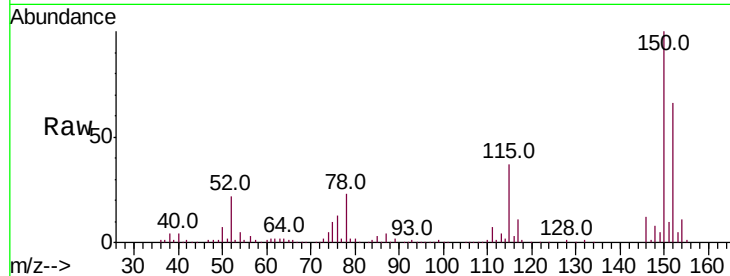


#1

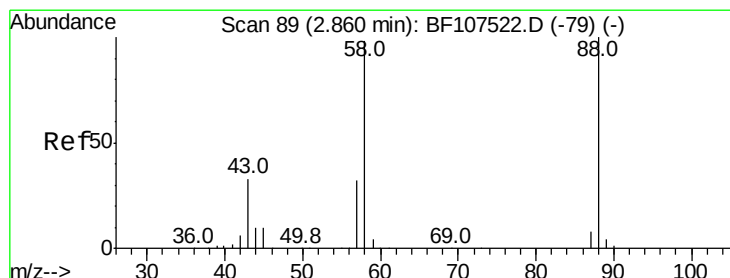
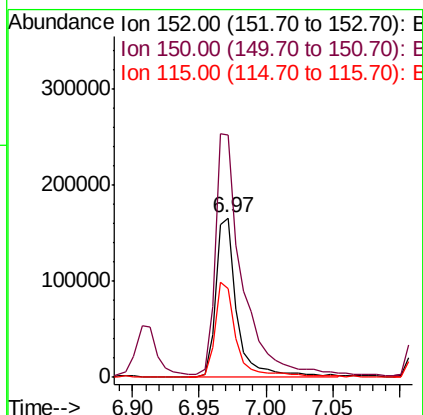
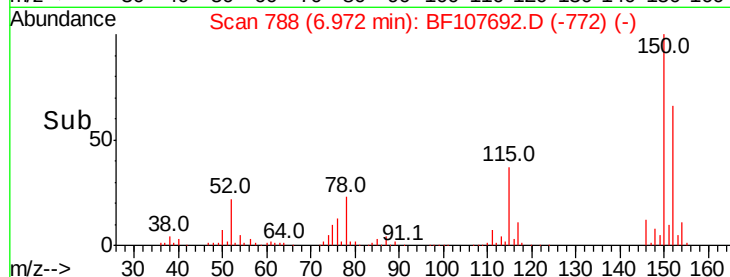
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 188378
Ion Ratio Lower Upper
152 100
150 152.6 124.6 186.8
115 56.1 50.1 75.1



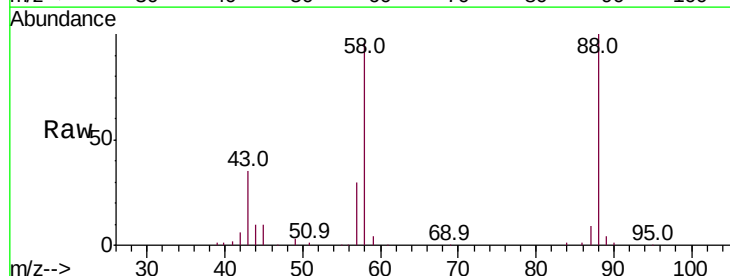
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



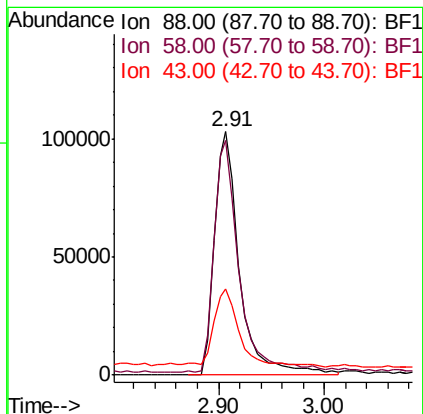
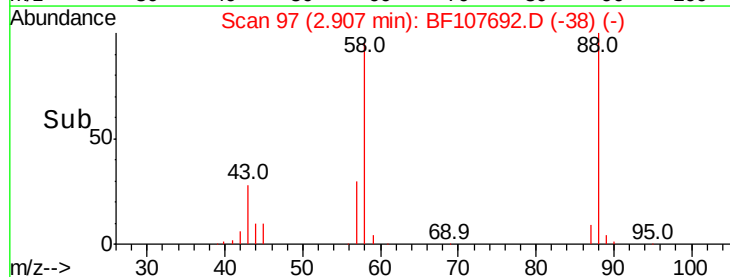
#2

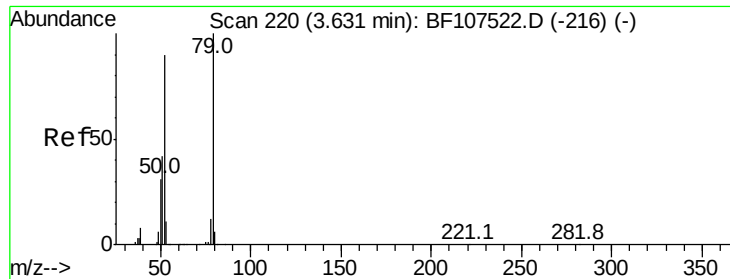
1,4-Dioxane
Concen: 31.587 ng
RT: 2.91 min Scan# 97
Delta R.T. 0.05 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Tgt Ion: 88 Resp: 172259
Ion Ratio Lower Upper
88 100
58 95.4 62.6 93.8#
43 29.4 24.6 37.0



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





#3

Pvridine

Concen: 30.431 ng

RT: 3.67 min Scan# 227

Delta R.T. 0.04 min

Lab File: BF107692.D

Acq: 26 Jul 2018 8:10

Instrument :

BNA_F

ClientSampled :

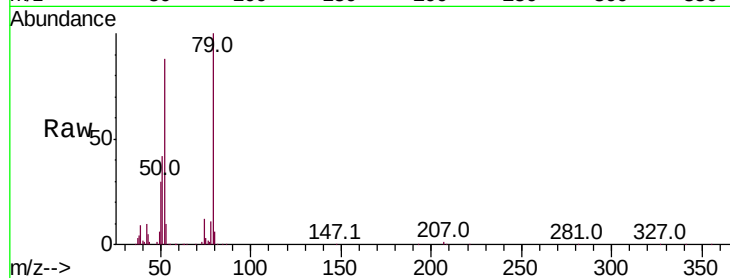
Tot Ion: 79 Resp: 451468

Ion Ratio Lower Upper

79 100

52 87.8 59.8 89.6

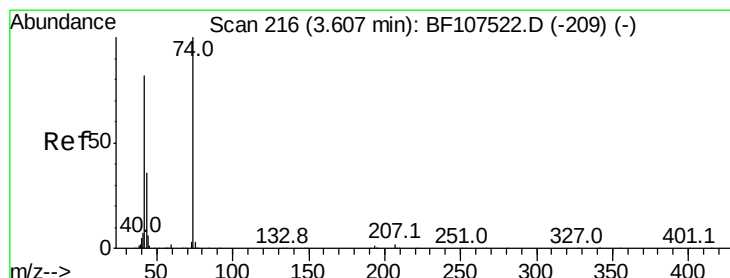
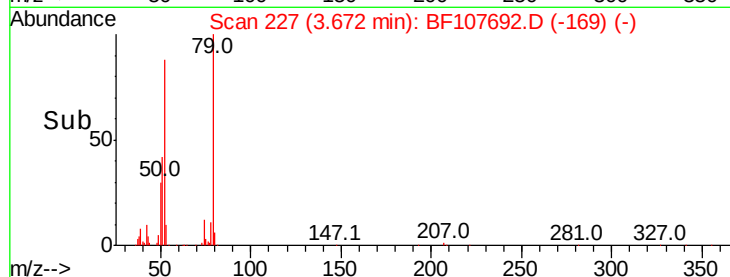
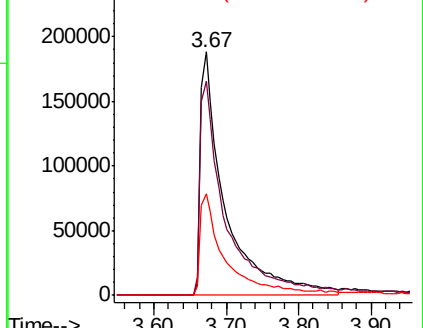
51 42.0 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 32.372 ng

RT: 3.64 min Scan# 222

Delta R.T. 0.04 min

Lab File: BF107692.D

Acq: 26 Jul 2018 8:10

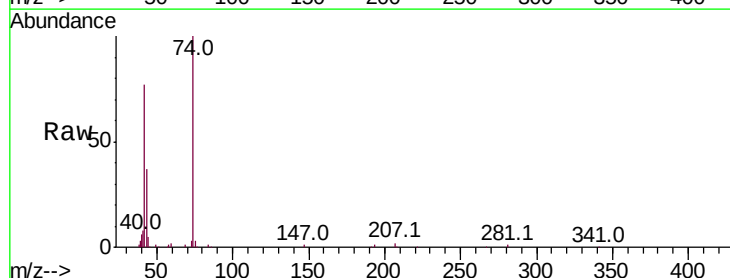
Tgt Ion: 42 Resp: 202553

Ion Ratio Lower Upper

42 100

74 130.0 104.9 157.3

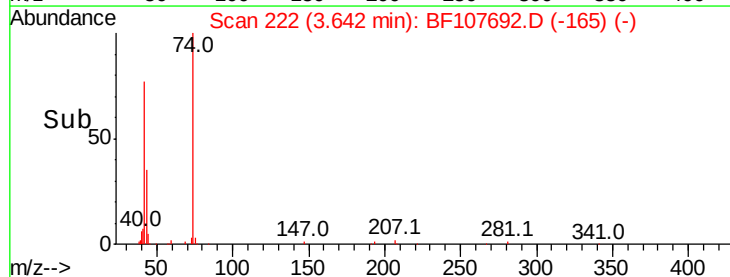
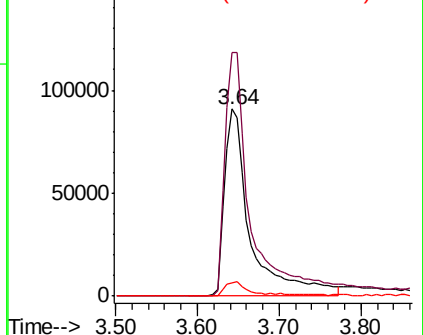
44 6.9 6.9 10.3#

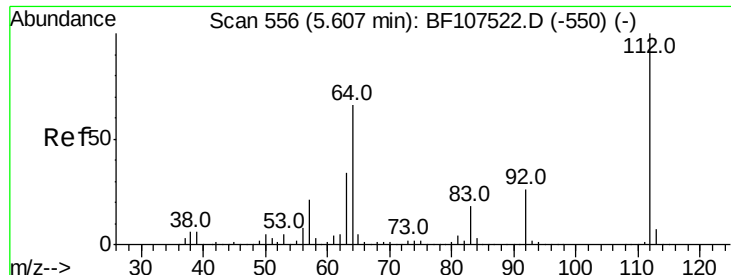


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

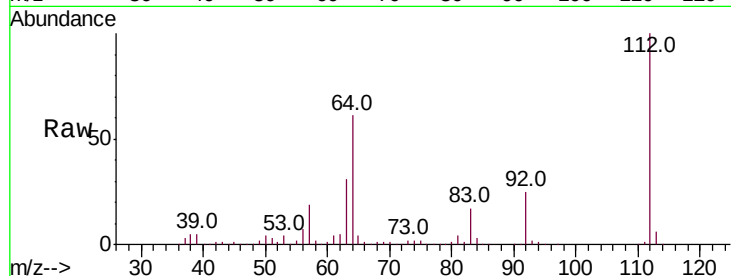




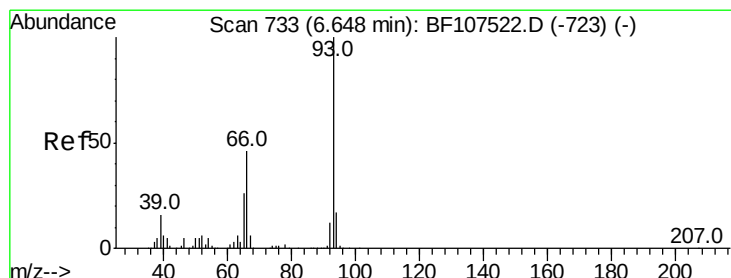
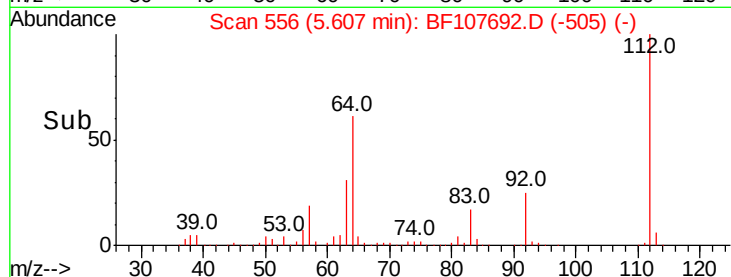
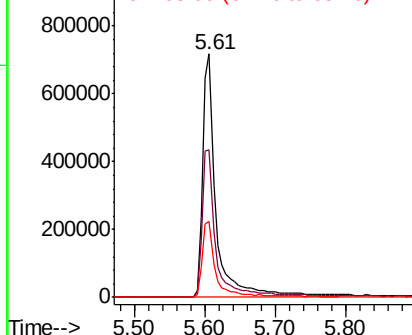
#5
2-Fluorophenol
Concen: 83.424 ng
RT: 5.61 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:112 Resp: 977437
Ion Ratio Lower Upper
112 100
64 60.8 47.9 71.9
63 31.3 23.7 35.5

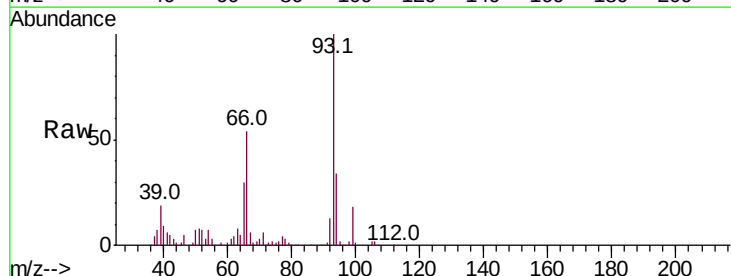


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

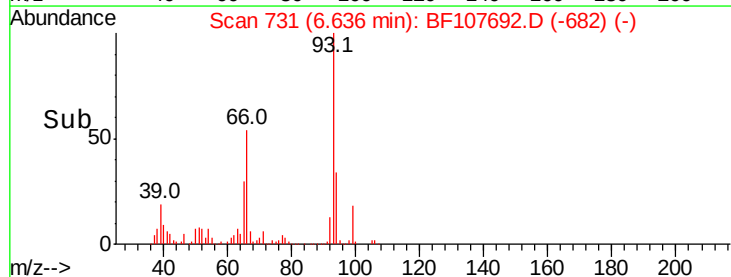
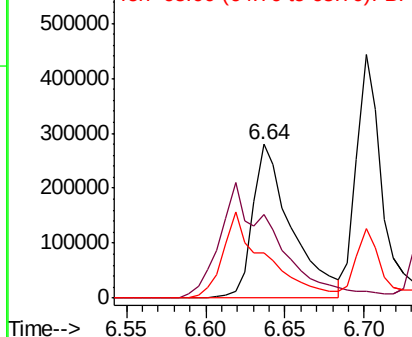


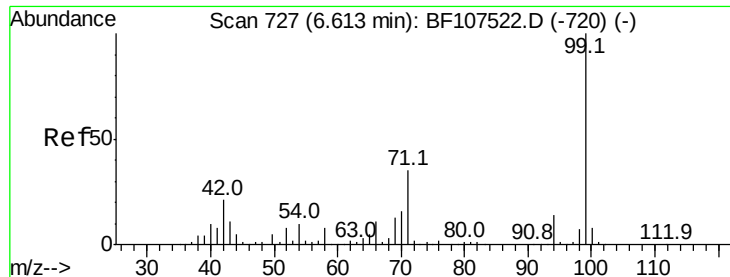
#6
Aniline
Concen: 26.223 ng
RT: 6.64 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Tgt Ion: 93 Resp: 475808
Ion Ratio Lower Upper
93 100
66 54.2 32.2 48.2#
65 29.6 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: 83.282 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107692.D

Acq: 26 Jul 2018 8:10

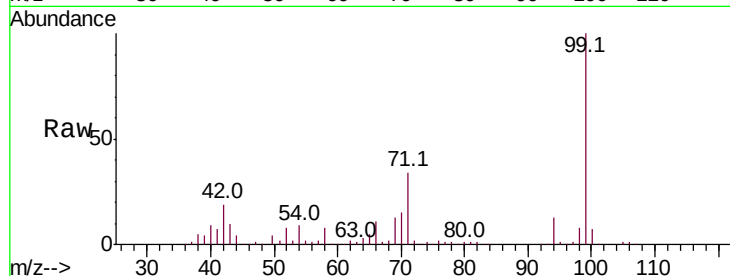
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1171643

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	34.0	25.4	38.0

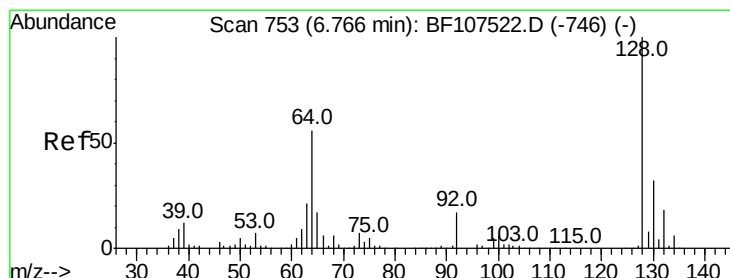
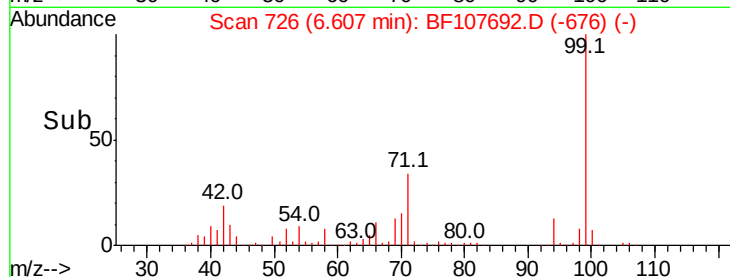


Abundance

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: 43.425 ng

RT: 6.76 min Scan# 752

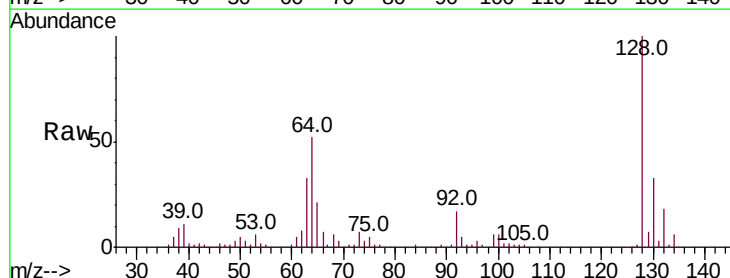
Delta R.T. -0.01 min

Lab File: BF107692.D

Acq: 26 Jul 2018 8:10

Tgt Ion:128 Resp: 545095

Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.0	53.0
64	52.0	29.4	69.4

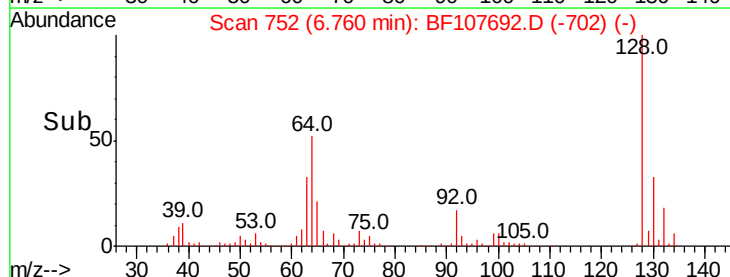


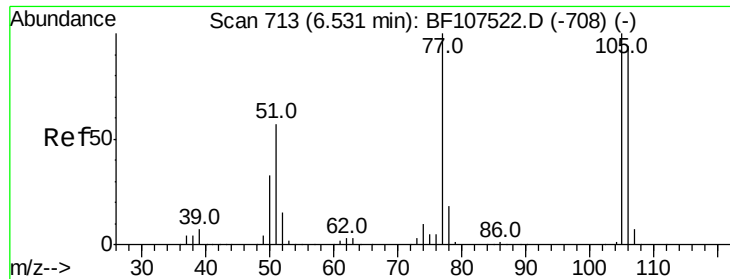
Abundance

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: 18.534 ng

RT: 6.52 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF107692.D

Acq: 26 Jul 2018 8:10

Instrument :

BNA_F

ClientSampleId :

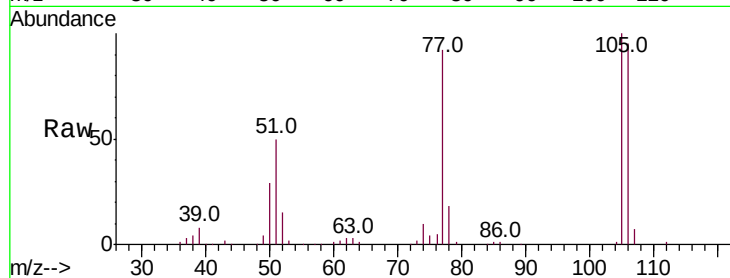
Tot Ion: 77 Resp: 185196

Ion Ratio Lower Upper

77 100

105 108.2 81.1 121.1

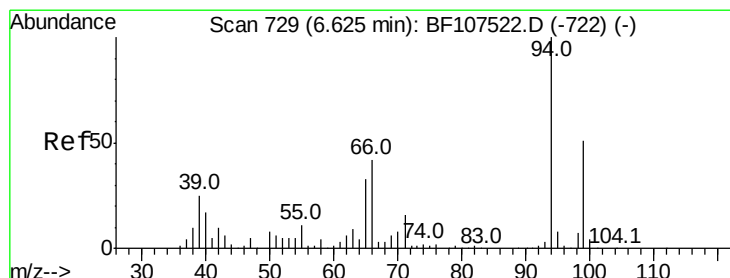
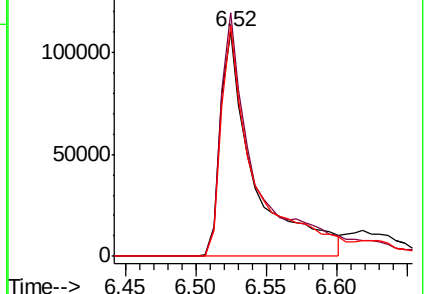
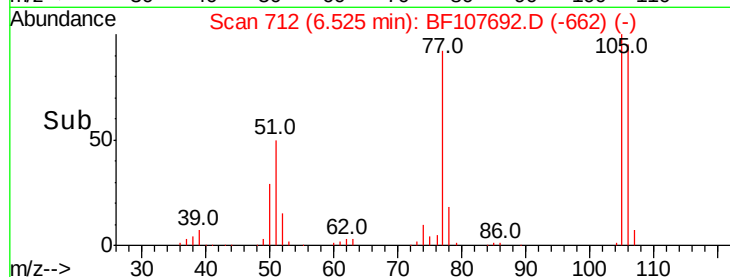
106 102.6 74.5 114.5



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: 38.477 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107692.D

Acq: 26 Jul 2018 8:10

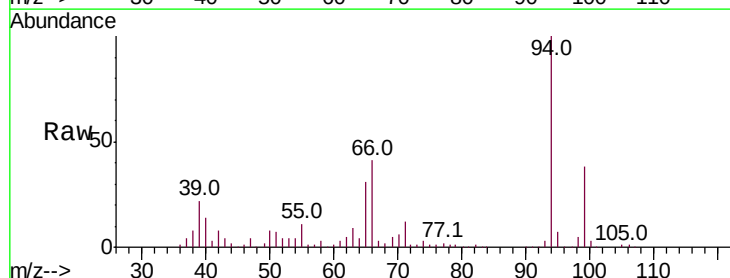
Tgt Ion: 94 Resp: 636615

Ion Ratio Lower Upper

94 100

65 30.7 7.9 47.9

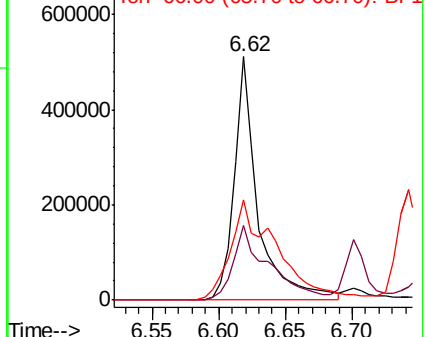
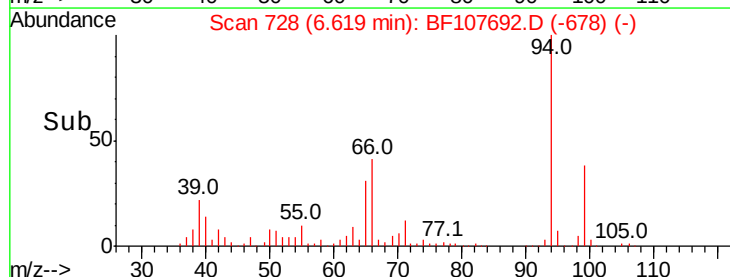
66 41.1 16.2 56.2

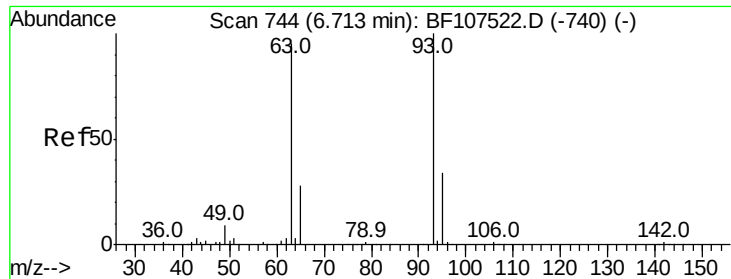


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

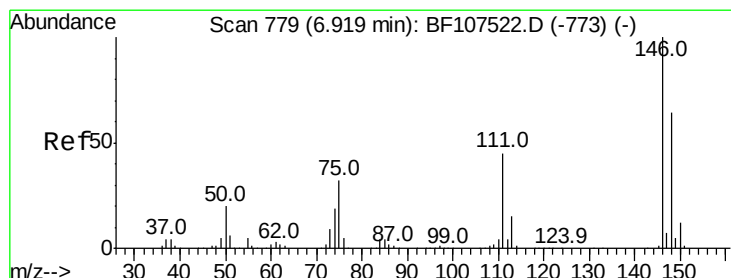
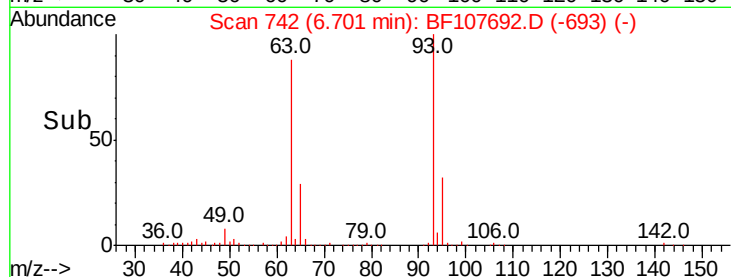
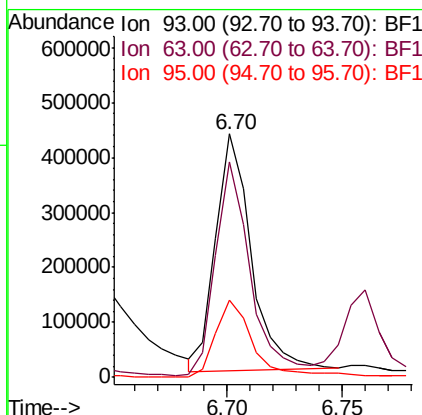
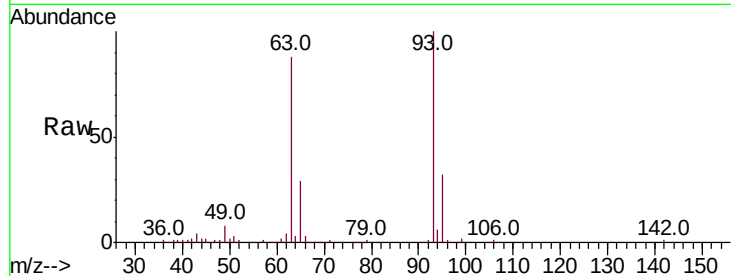




#11
 bis(2-Chloroethyl)ether
 Concen: 33.465 ng
 RT: 6.70 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF107692.D
 Acq: 26 Jul 2018 8:10

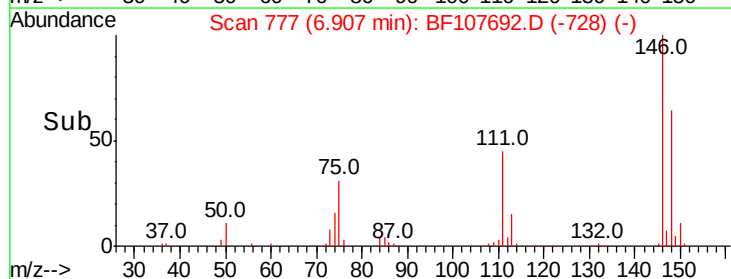
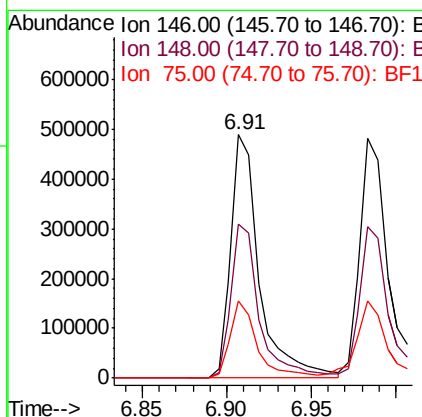
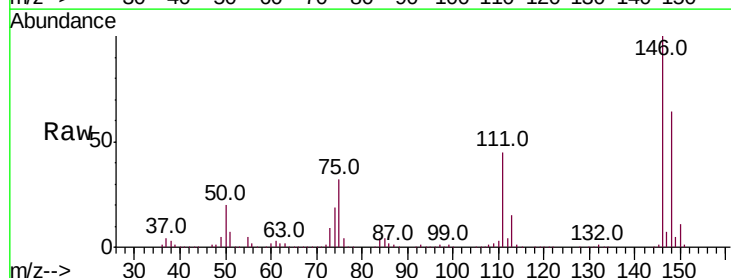
Instrument :
 BNA_F
 ClientSampled :

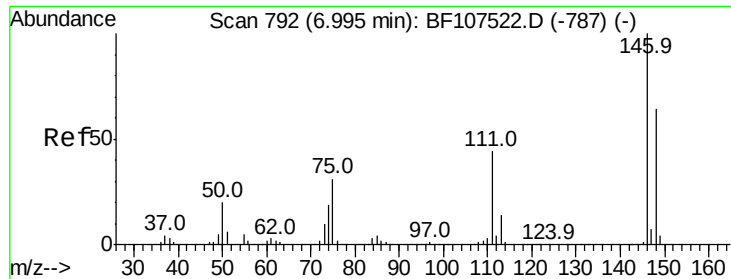
Tot Ion: 93 Resp: 459044
 Ion Ratio Lower Upper
 93 100
 63 88.4 58.6 98.6
 95 31.7 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 40.487 ng
 RT: 6.91 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF107692.D
 Acq: 26 Jul 2018 8:10

Tgt Ion: 146 Resp: 576200
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.8 77.8
 75 31.8 24.2 36.4

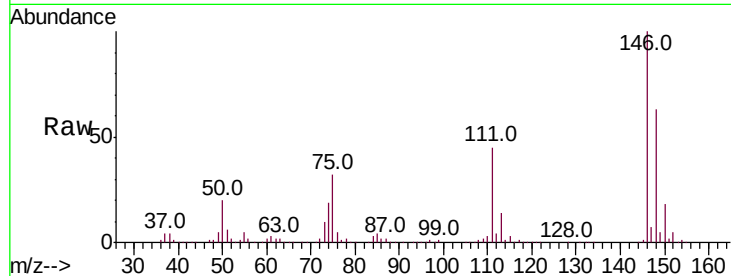




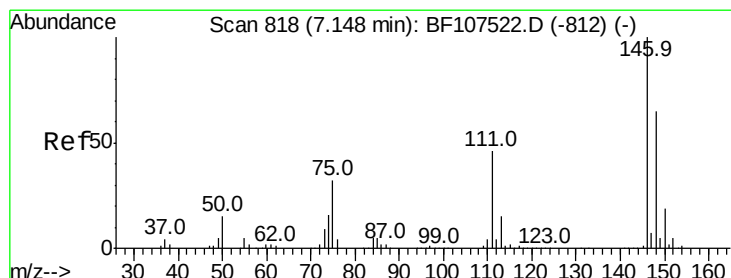
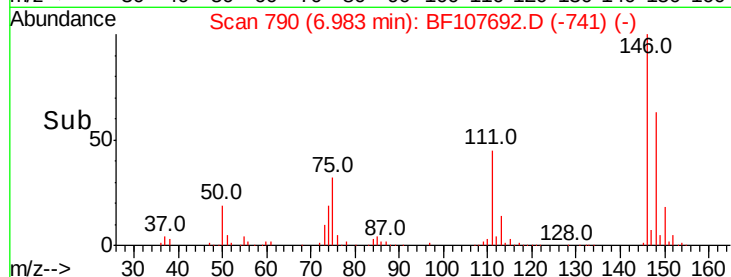
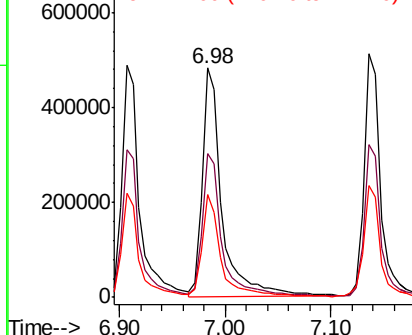
#13
 1,4-Dichlorobenzene
 Concen: 42.734 ng
 RT: 6.98 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF107692.D
 Acq: 26 Jul 2018 8:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 623357
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.8 76.2
 111 44.8 34.2 51.2

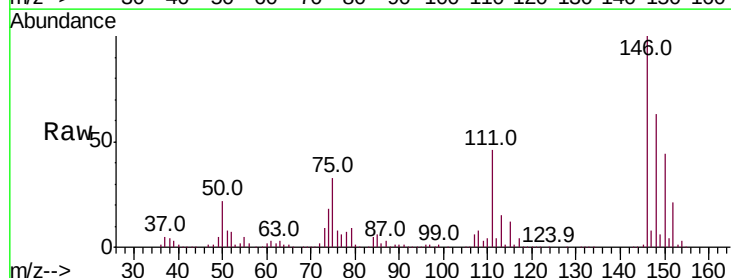


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

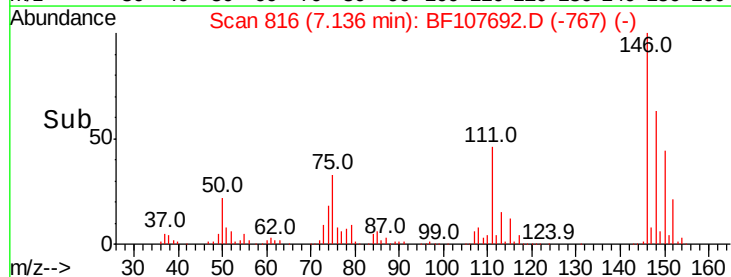
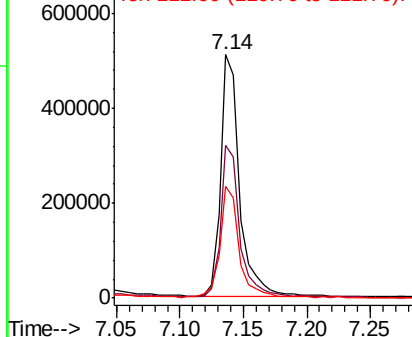


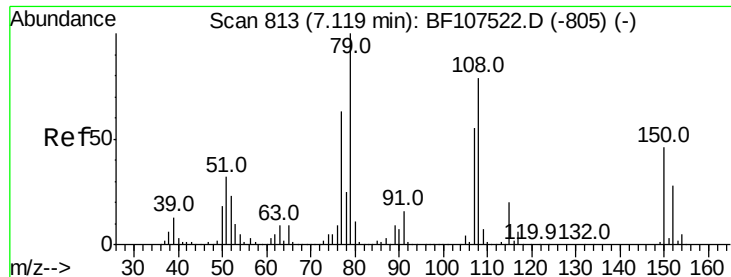
#14
 1,2-Dichlorobenzene
 Concen: 41.221 ng
 RT: 7.14 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF107692.D
 Acq: 26 Jul 2018 8:10

Tgt Ion:146 Resp: 539602
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.6 75.8
 111 45.8 36.0 54.0



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

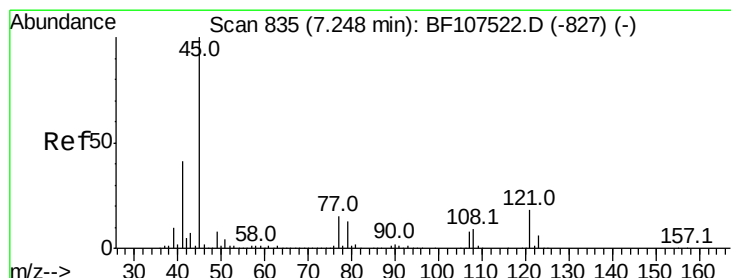
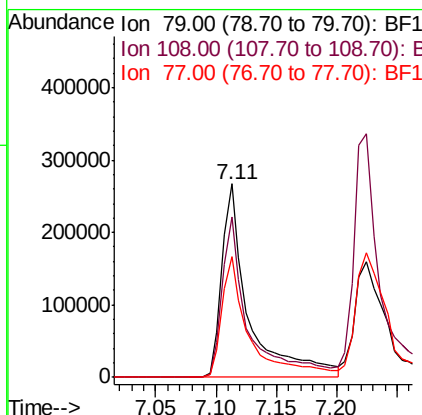
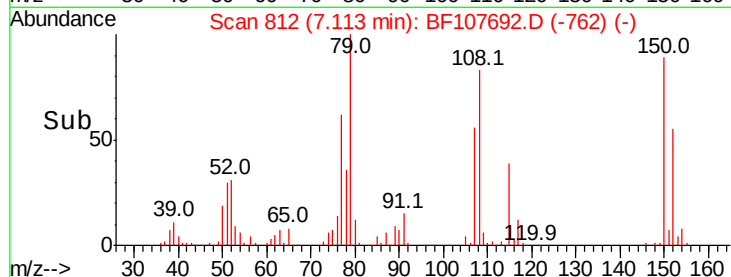
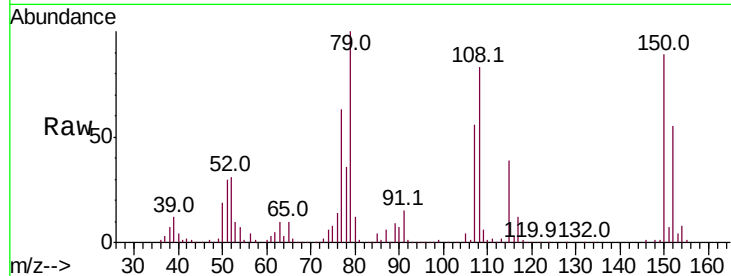




#15
Benzyl Alcohol
Concen: 43.124 ng
RT: 7.11 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

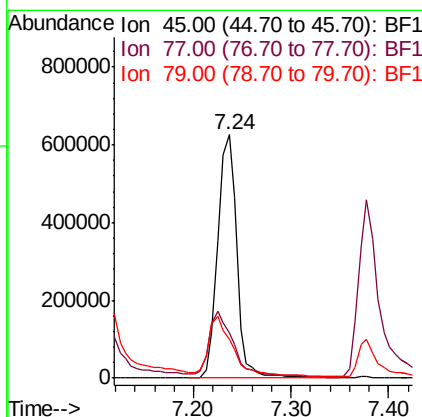
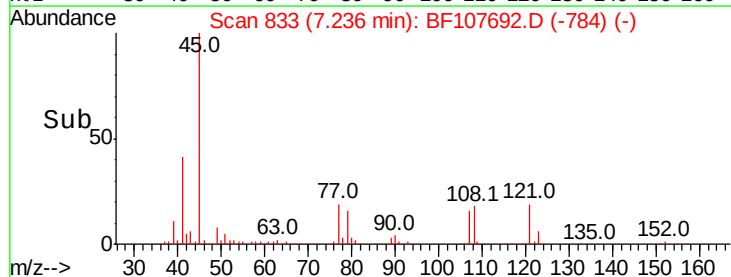
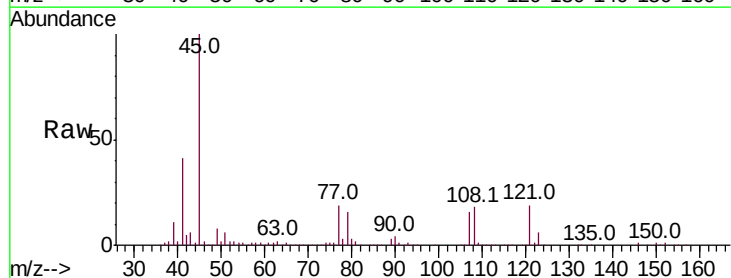
Instrument :
BNA_F
ClientSampled :

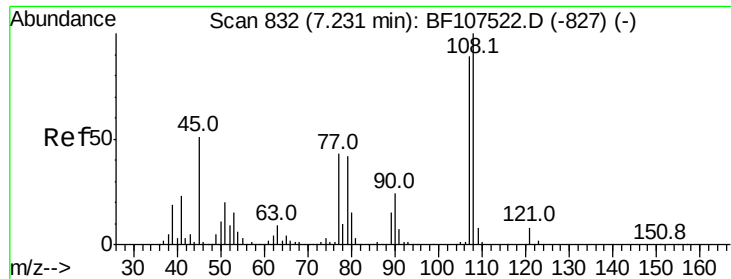
Tot Ion: 79 Resp: 413478
Ion Ratio Lower Upper
79 100
108 82.9 65.1 97.7
77 62.7 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.986 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Tgt Ion: 45 Resp: 855899
Ion Ratio Lower Upper
45 100
77 18.6 0.0 32.9
79 16.2 0.0 29.6

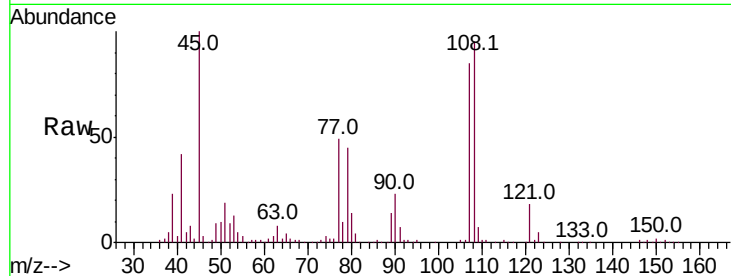




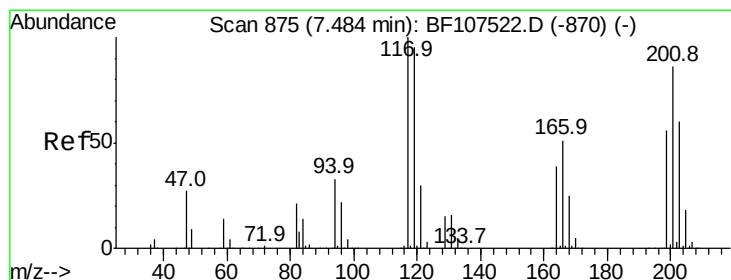
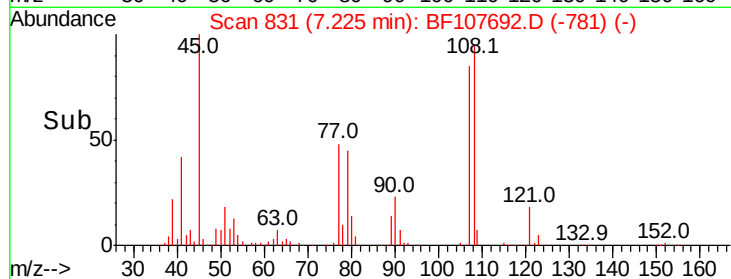
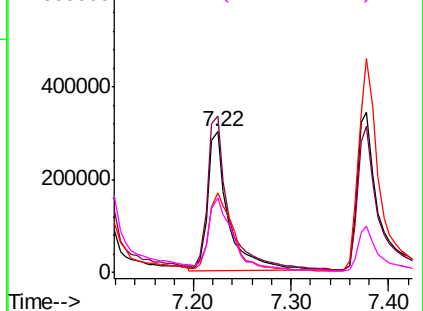
#17
2-Methylphenol
Concen: 42.471 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 453120
Ion Ratio Lower Upper
107 100
108 111.2 91.7 137.5
77 56.9 33.8 50.8#
79 52.9 33.8 50.8#

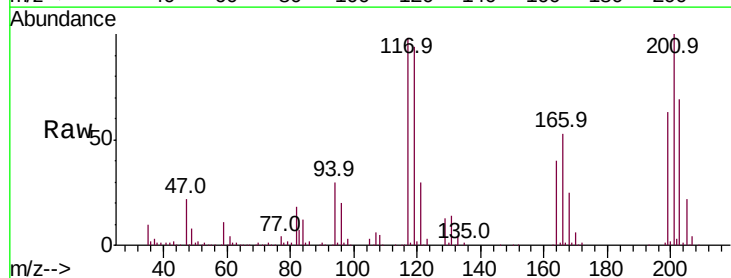


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

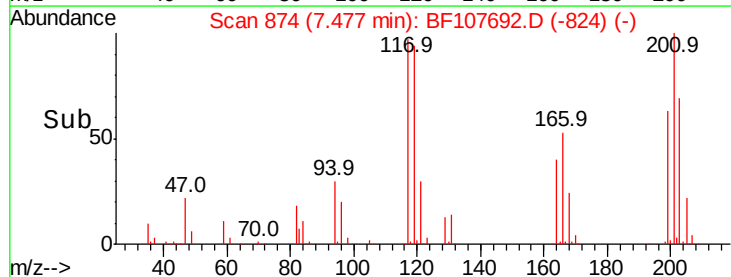
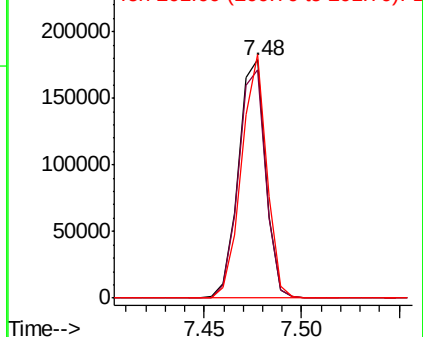


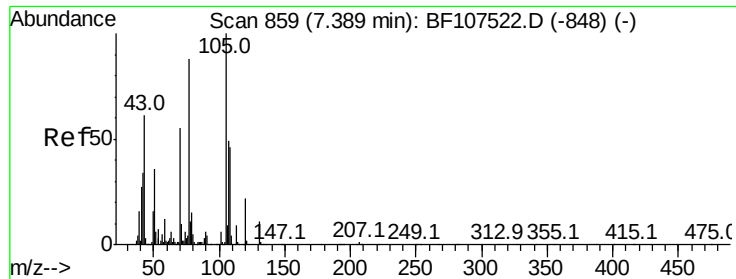
#18
Hexachloroethane
Concen: 33.730 ng
RT: 7.48 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Tgt Ion:117 Resp: 172573
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.8
201 102.3 75.7 113.5



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

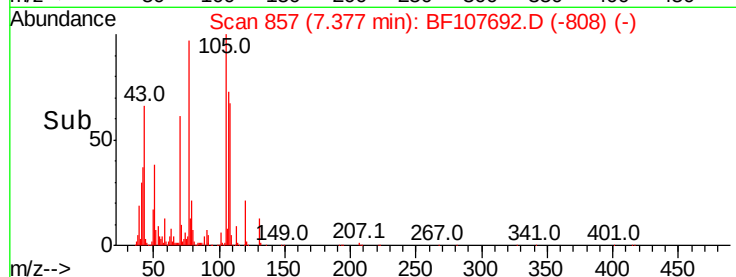
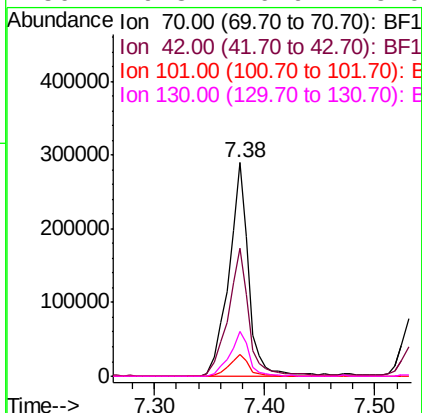
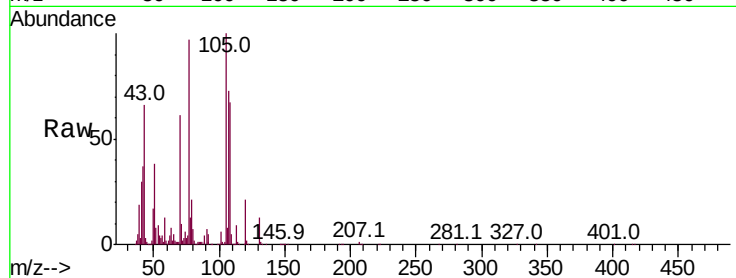




#19
n-Nitroso-di-n-propylamine
Concen: 40.081 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

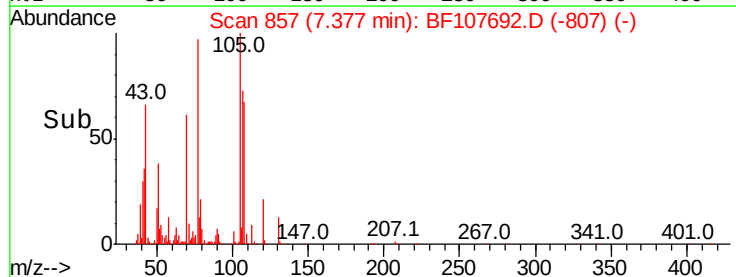
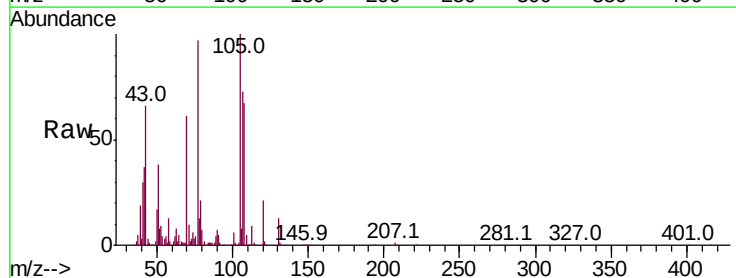
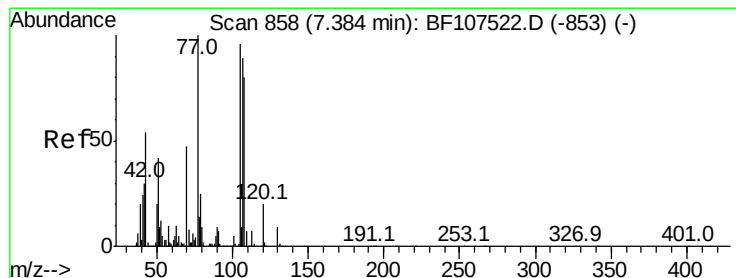
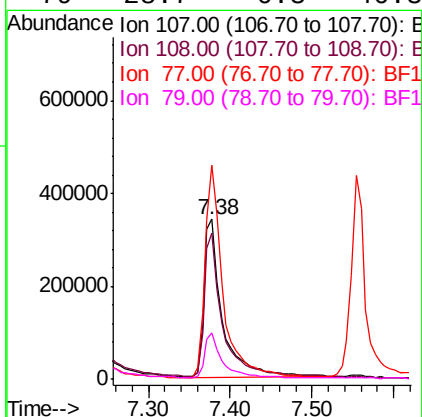
Instrument :
BNA_F
ClientSampleId :

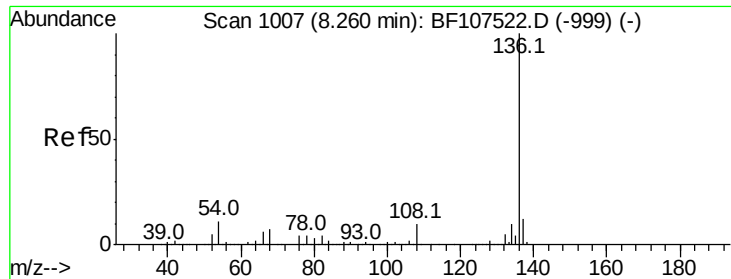
Tot Ion	Ratio	Lower	Upper
70	100		
42	59.8	47.5	71.3
101	10.0	7.4	11.2
130	20.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 42.492 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.7	68.2	108.2
77	133.8	26.7	66.7#
79	28.7	6.3	46.3

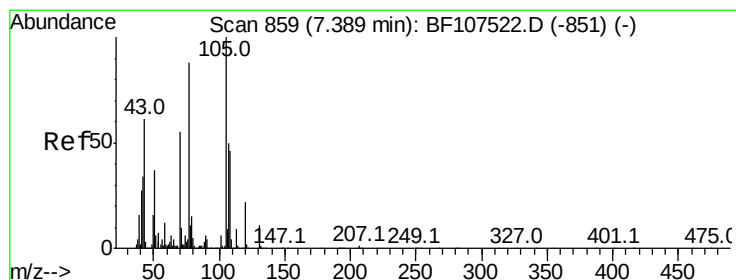
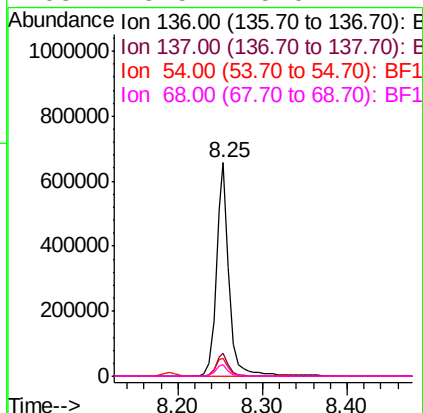
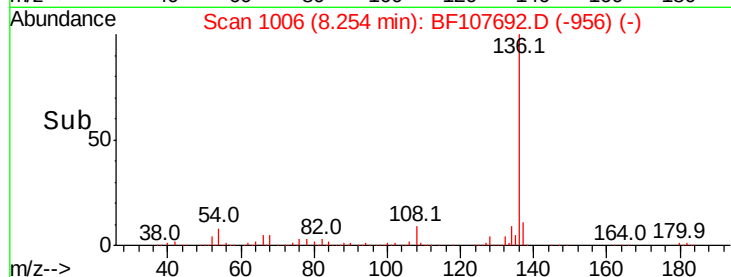
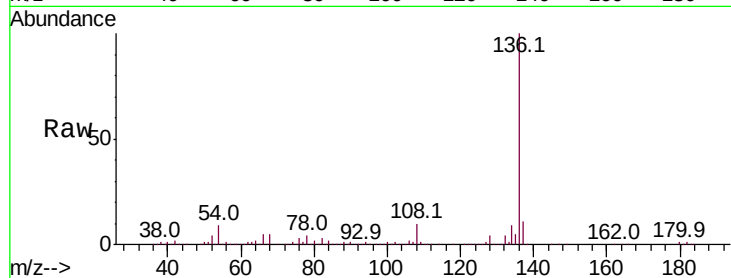




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

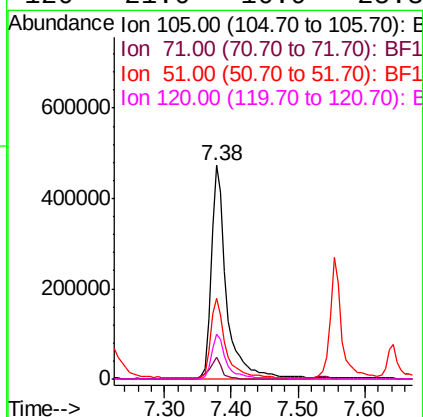
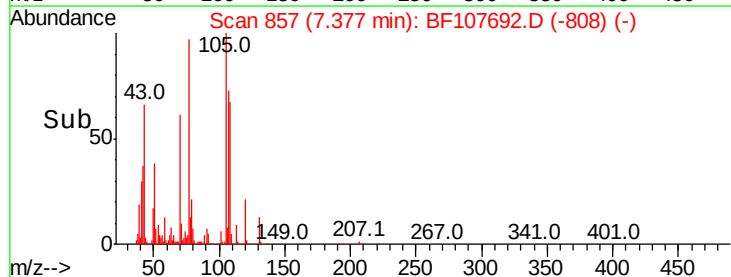
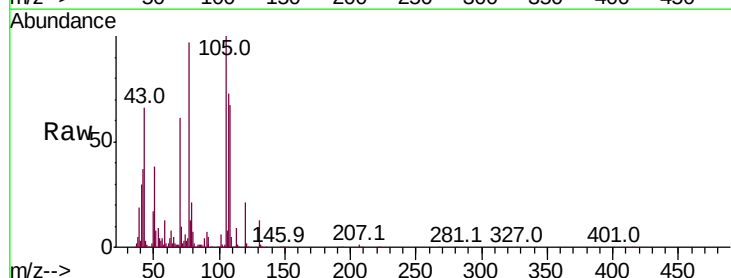
Instrument :
BNA_F
ClientSampleId :

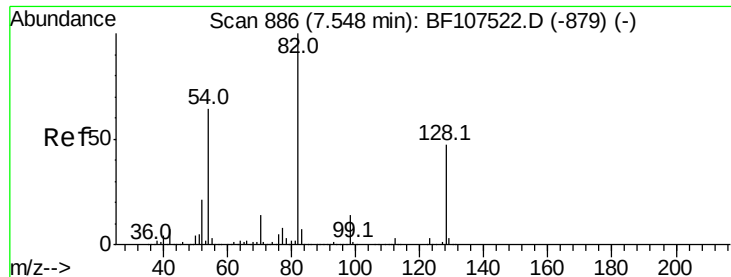
Tot Ion:136	Resp:	701543
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	8.6	6.6 9.8
68	5.5	5.0 7.4



#22
Acetophenone
Concen: 46.573 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Tgt Ion:105	Resp:	767330
Ion Ratio	Lower	Upper
105	100	
71	10.0	4.4 6.6#
51	37.9	22.3 33.5#
120	21.0	16.9 25.3

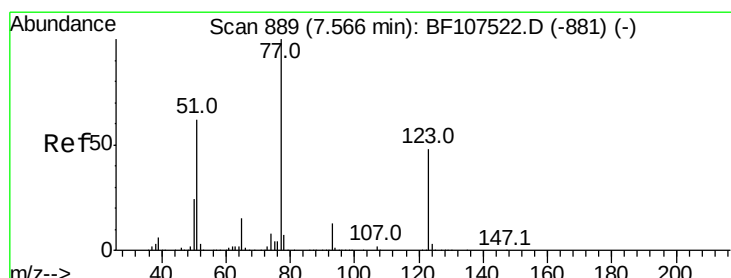
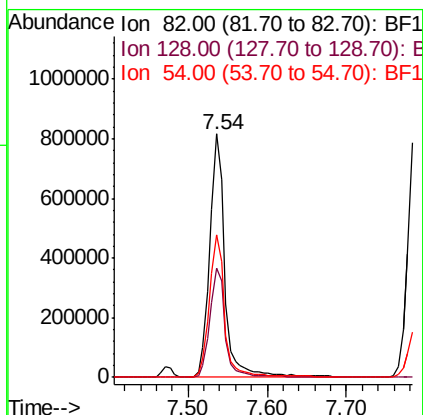
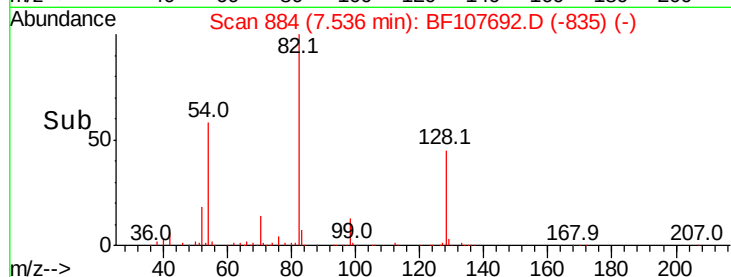
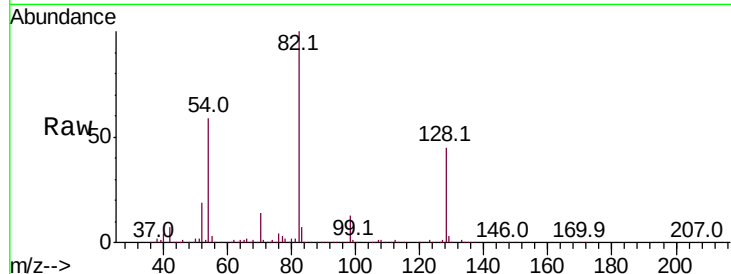




#23
Nitrobenzene-d5
Concen: 105.041 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

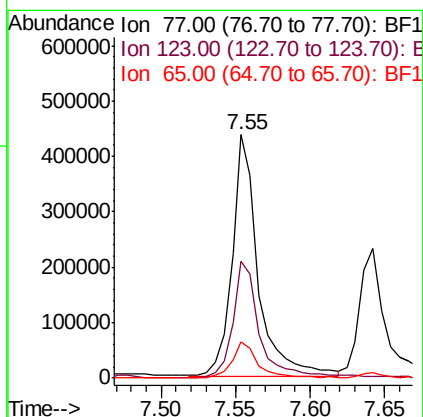
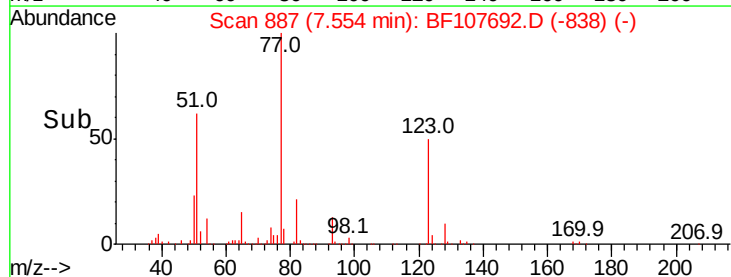
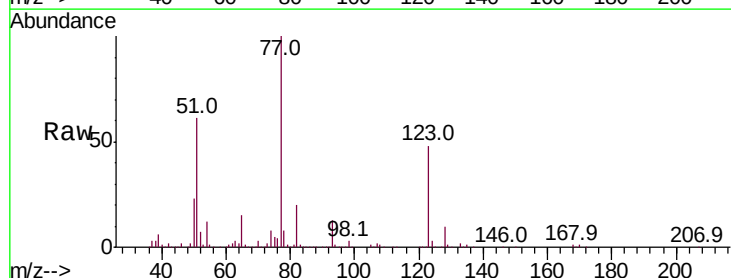
Instrument :
BNA_F
ClientSampled :

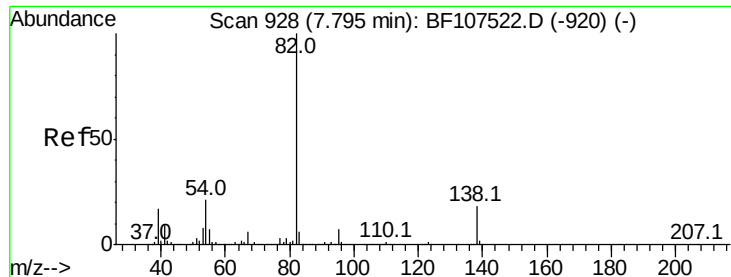
Tot Ion: 82 Resp: 1091912
Ion Ratio Lower Upper
82 100
128 45.0 36.1 54.1
54 58.7 41.4 62.2



#24
Nitrobenzene
Concen: 45.233 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Tgt Ion: 77 Resp: 538561
Ion Ratio Lower Upper
77 100
123 48.3 37.9 56.9
65 14.7 11.0 16.4

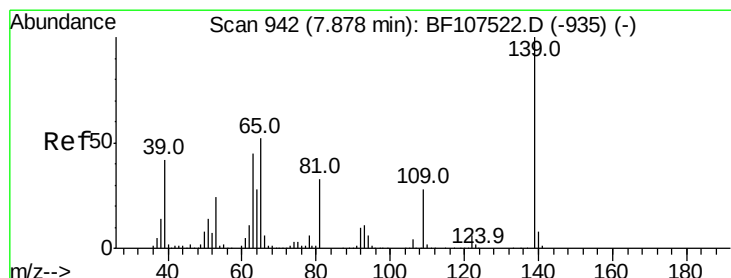
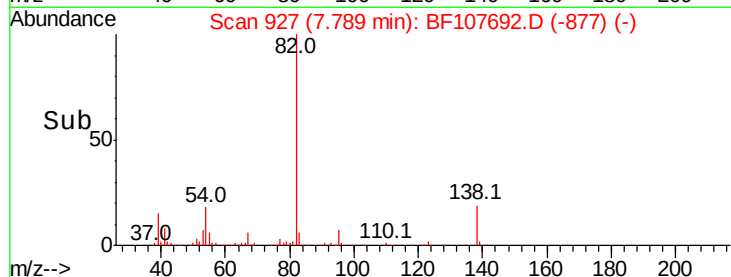
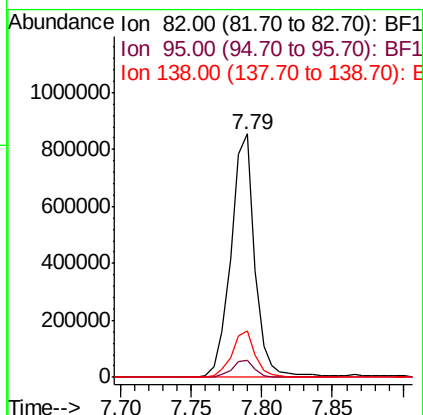
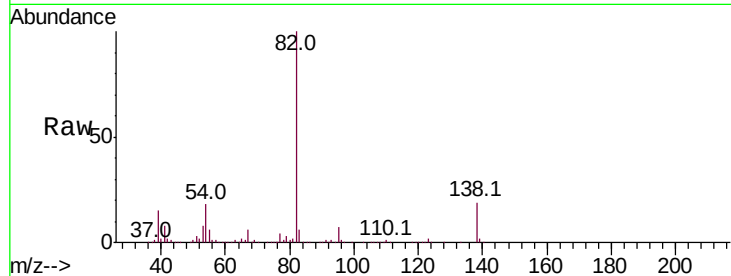




#25
Isophorone
Concen: 45.113 ng
RT: 7.79 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

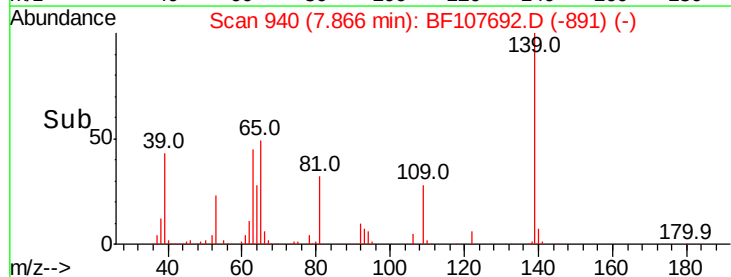
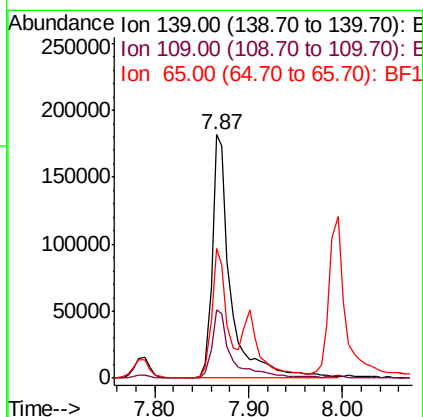
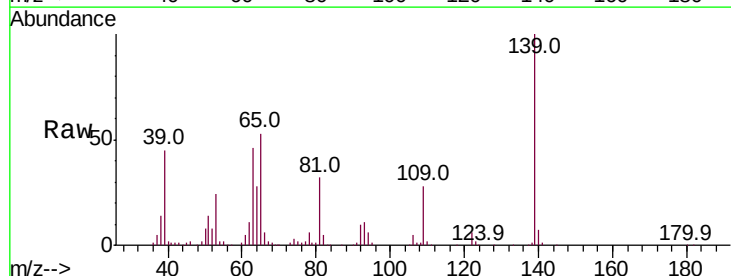
Instrument :
BNA_F
ClientSampleId :

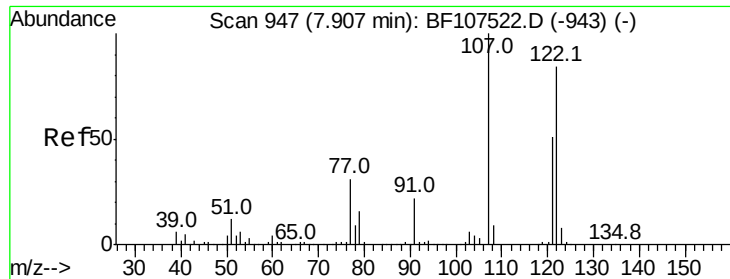
Tot Ion: 82 Resp: 1001305
Ion Ratio Lower Upper
82 100
95 7.0 5.2 7.8
138 19.2 14.9 22.3



#26
2-Nitrophenol
Concen: 50.254 ng
RT: 7.87 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Tgt Ion: 139 Resp: 252674
Ion Ratio Lower Upper
139 100
109 27.8 22.7 34.1
65 53.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 50.665 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF107692.D

Acq: 26 Jul 2018 8:10

Instrument :

BNA_F

ClientSampled :

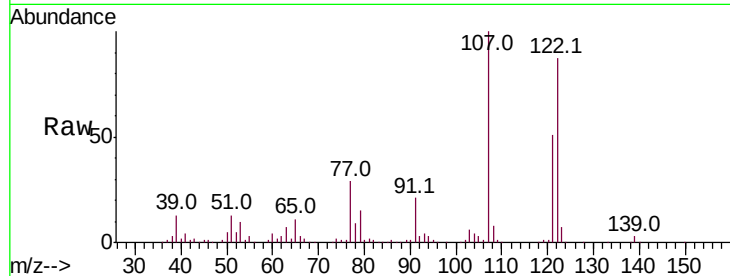
Tot Ion:122 Resp: 482195

Ion Ratio Lower Upper

122 100

107 115.6 91.2 136.8

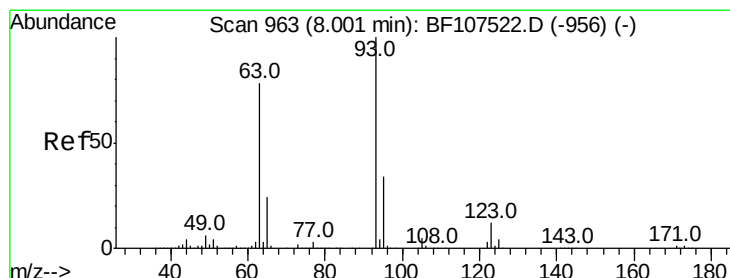
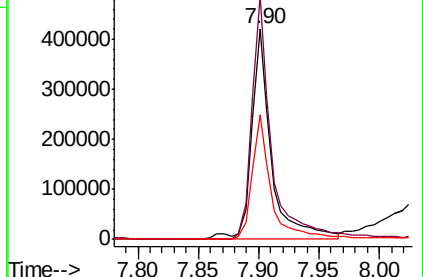
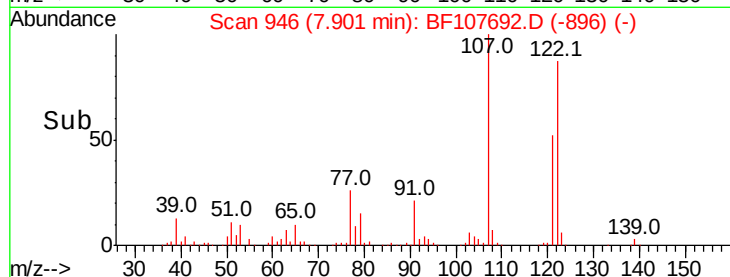
121 59.2 47.2 70.8



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: 43.584 ng

RT: 8.00 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF107692.D

Acq: 26 Jul 2018 8:10

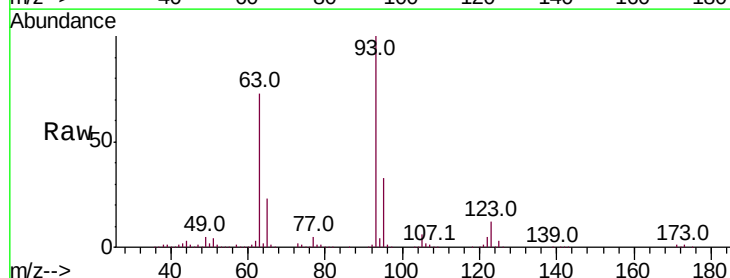
Tgt Ion: 93 Resp: 646474

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

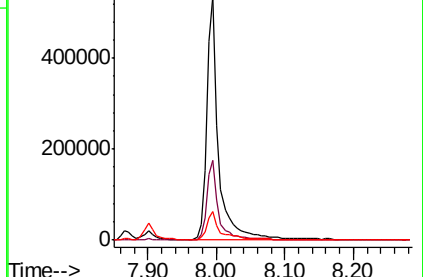
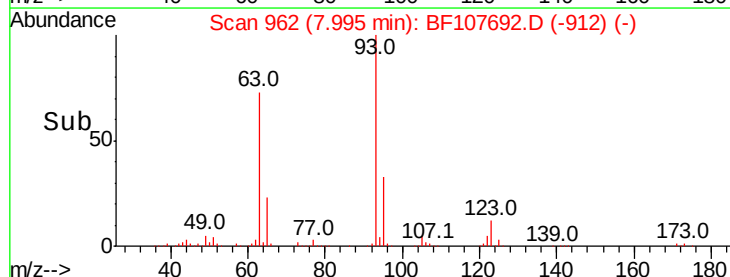
123 12.0 9.8 14.6

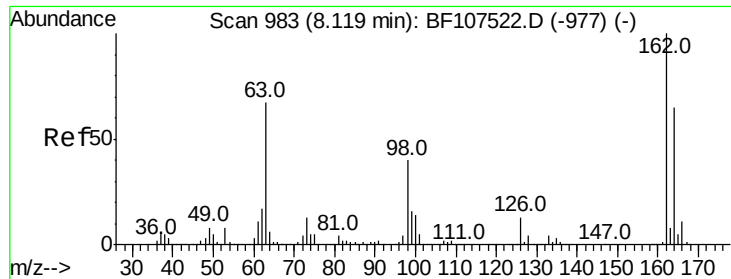


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

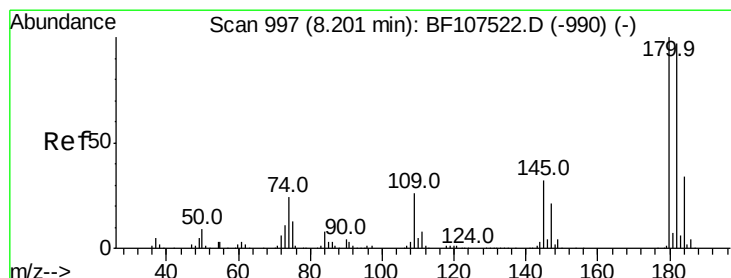
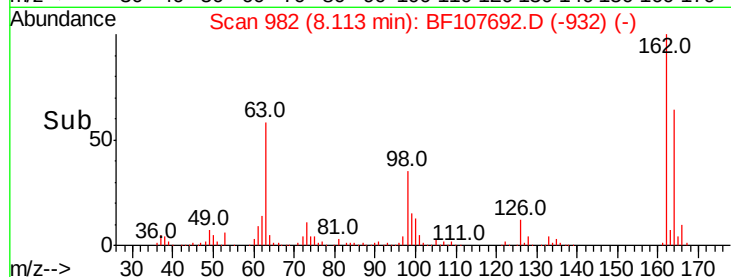
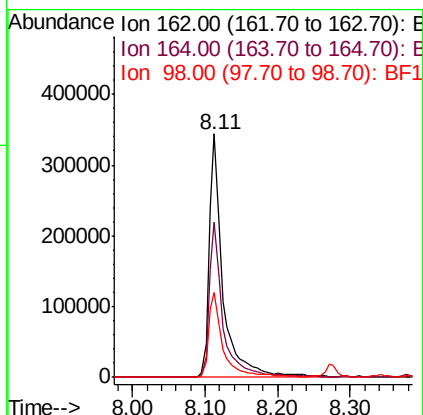
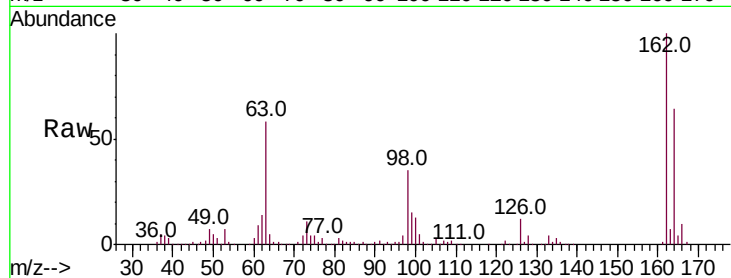




#29
 2,4-Dichlorophenol
 Concen: 46.446 ng
 RT: 8.11 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF107692.D
 Acq: 26 Jul 2018 8:10

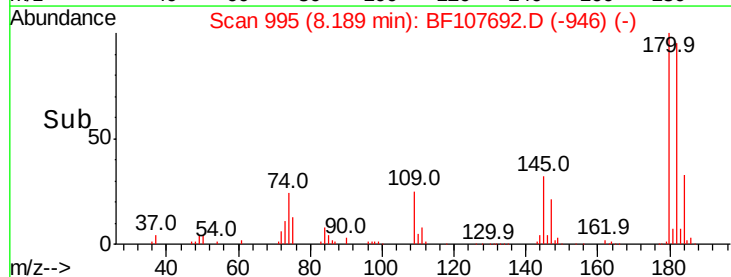
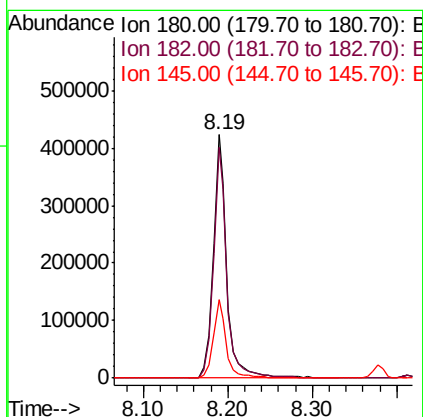
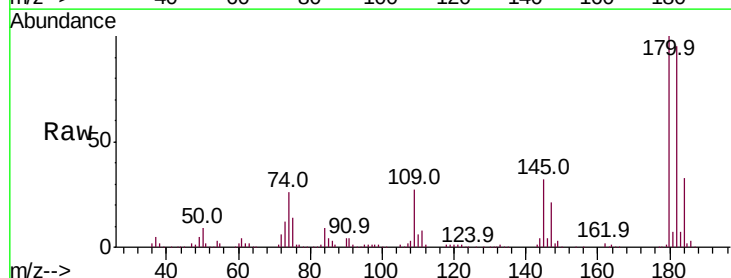
Instrument :
 BNA_F
 ClientSampleId :

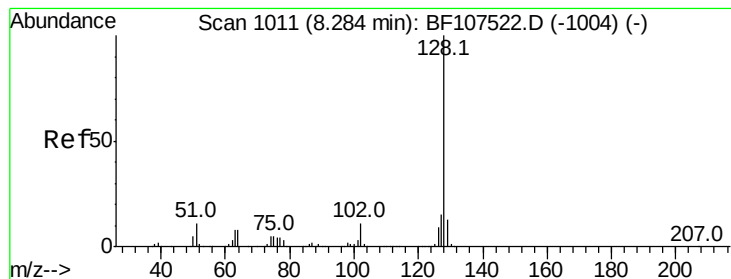
Tot Ion:162 Resp: 451810
 Ion Ratio Lower Upper
 162 100
 164 63.7 42.7 82.7
 98 35.0 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 44.186 ng
 RT: 8.19 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF107692.D
 Acq: 26 Jul 2018 8:10

Tgt Ion:180 Resp: 482761
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.8 115.2
 145 32.2 26.5 39.7





#31

Naphthalene

Concen: 48.845 ng

RT: 8.27 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF107692.D

Acq: 26 Jul 2018 8:10

Instrument :

BNA_F

ClientSampleId :

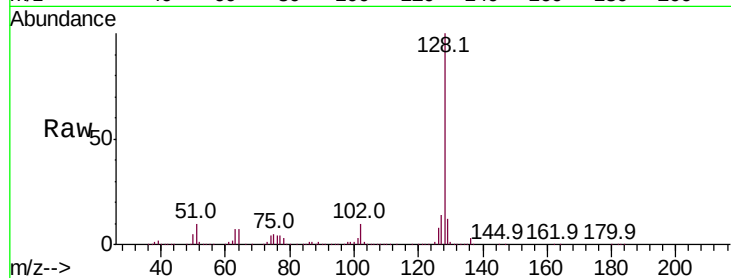
Tot Ion:128 Resp: 1506844

Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

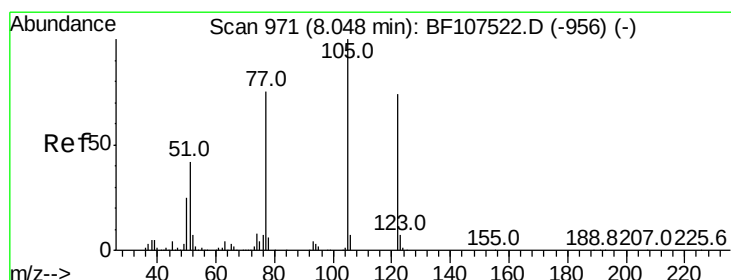
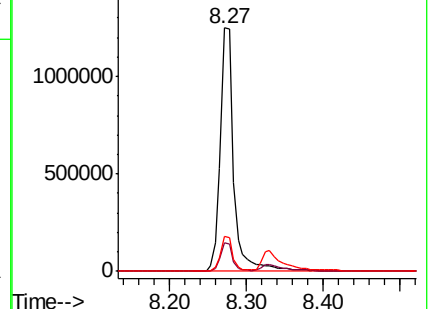
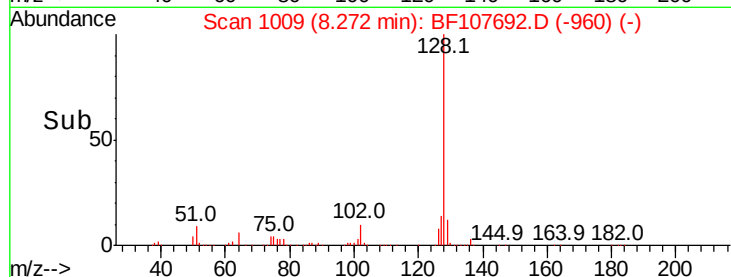
127 14.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.688 ng

RT: 8.03 min Scan# 968

Delta R.T. -0.02 min

Lab File: BF107692.D

Acq: 26 Jul 2018 8:10

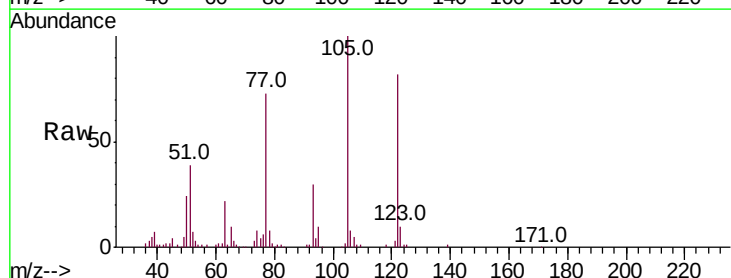
Tgt Ion:122 Resp: 236908

Ion Ratio Lower Upper

122 100

105 121.4 101.1 141.1

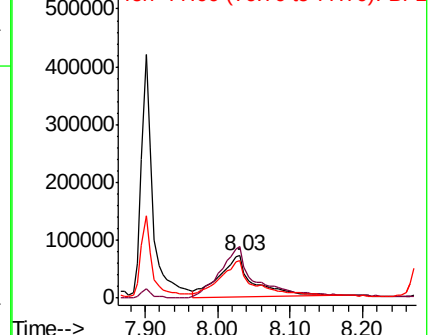
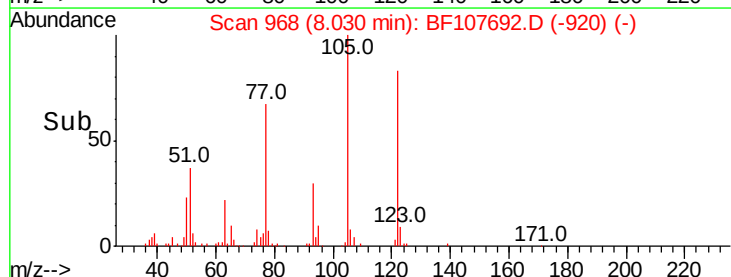
77 88.4 70.7 110.7

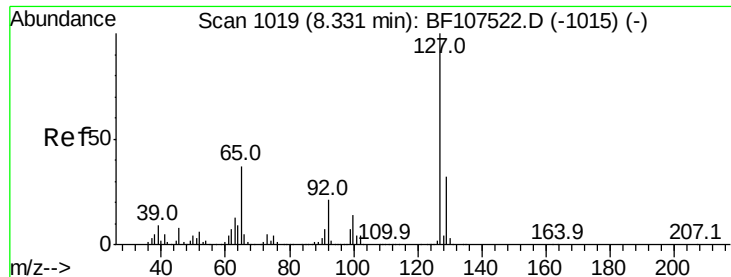


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

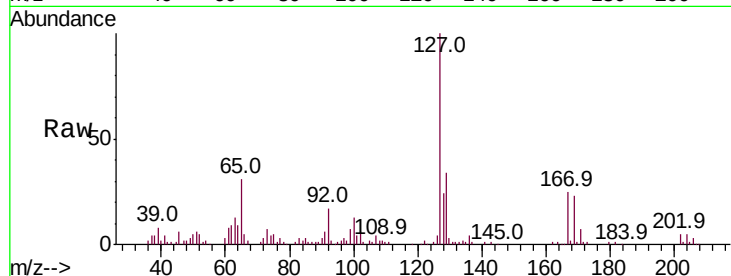




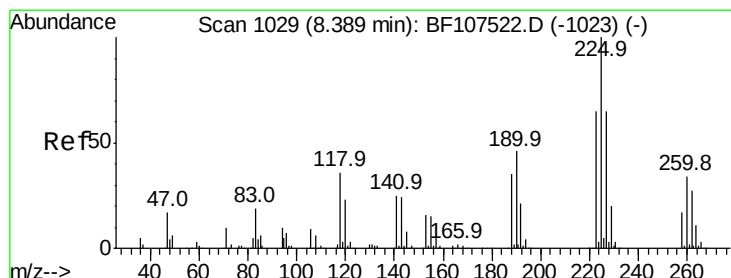
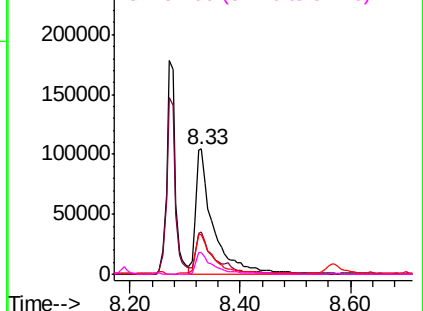
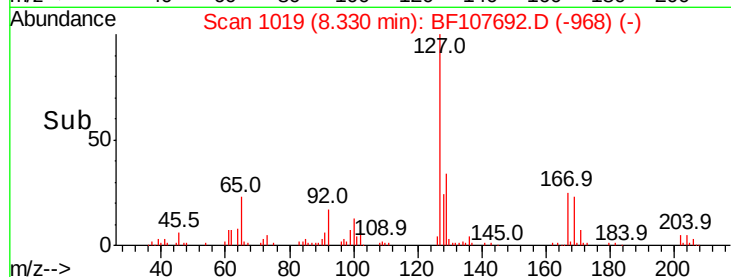
#33
4-Chloroaniline
Concen: 17.020 ng
RT: 8.33 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	229495
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.9	38.9
65	31.2	25.0	37.4
92	17.2	15.2	22.8

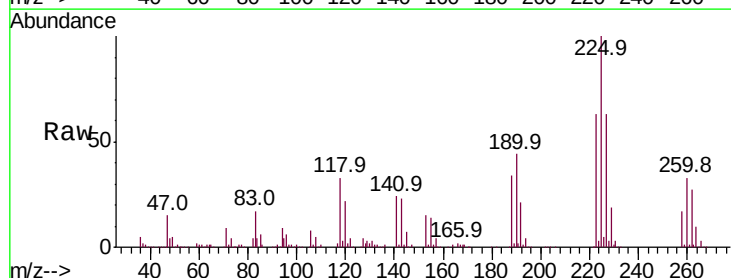


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

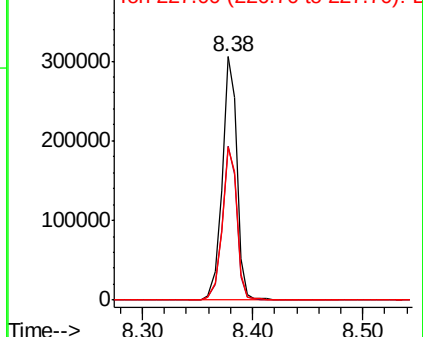
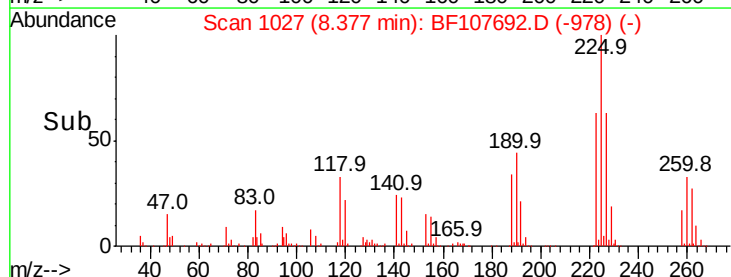


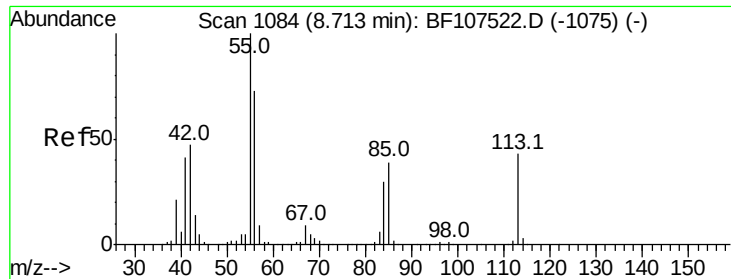
#34
Hexachlorobutadiene
Concen: 44.014 ng
RT: 8.38 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Tgt Ion:	225	Resp:	285745
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	62.7	51.9	77.9



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

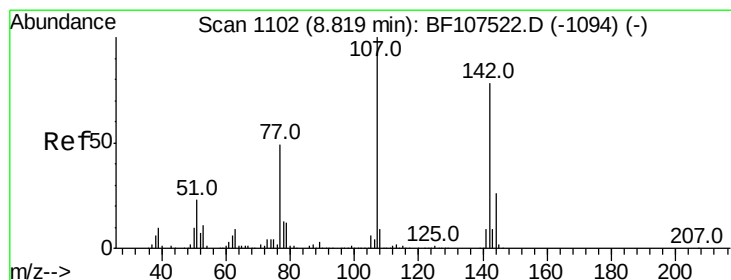
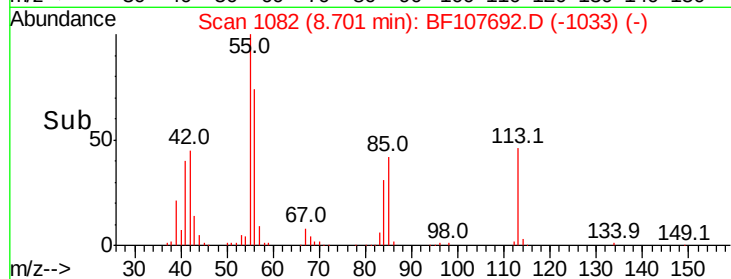
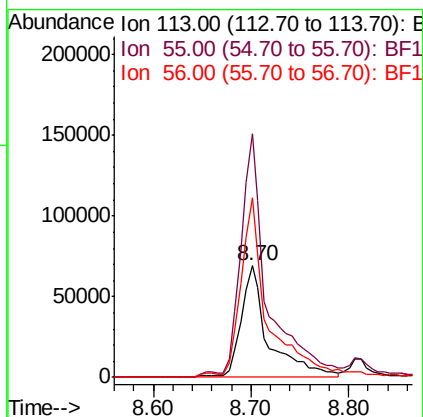
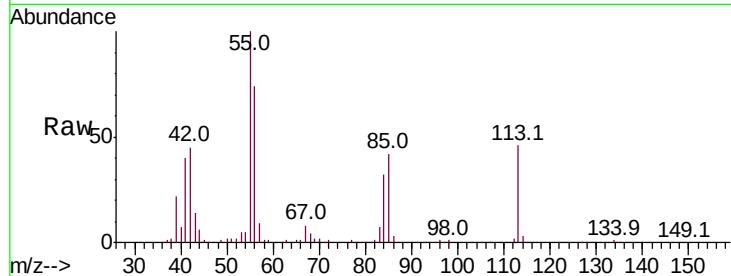




#35
 Caprolactam
 Concen: 42.873 ng
 RT: 8.70 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF107692.D
 Acq: 26 Jul 2018 8:10

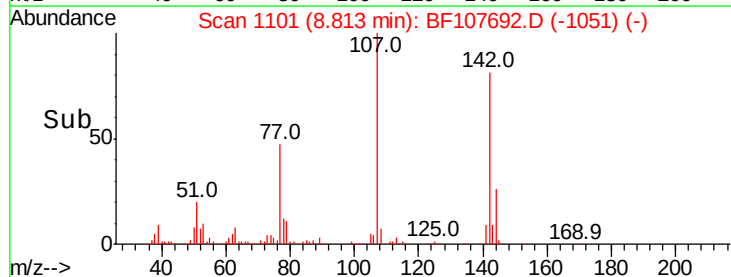
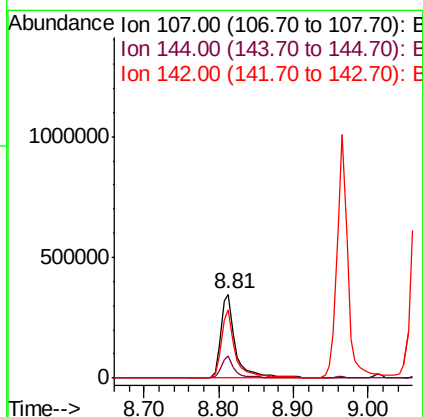
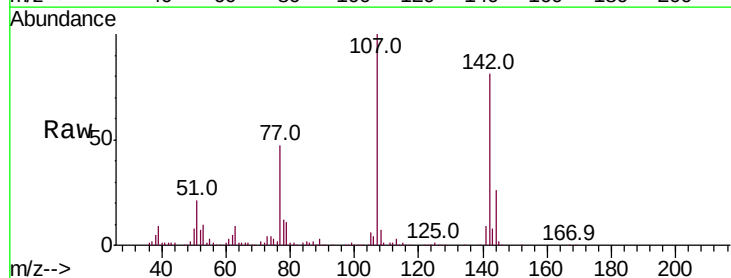
Instrument :
 BNA_F
 ClientSampleId :

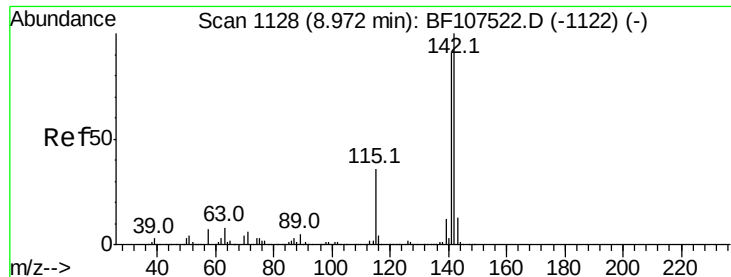
Tot Ion:113 Resp: 135651
 Ion Ratio Lower Upper
 113 100
 55 219.0 163.3 203.3#
 56 162.1 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 44.108 ng
 RT: 8.81 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF107692.D
 Acq: 26 Jul 2018 8:10

Tgt Ion:107 Resp: 476621
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.5 30.7
 142 81.1 62.0 93.0

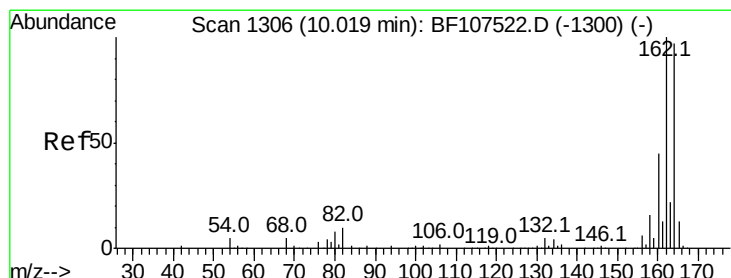
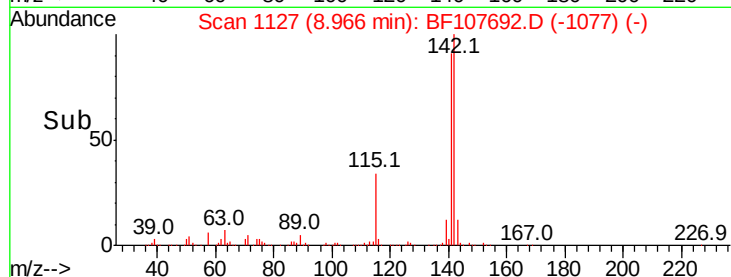
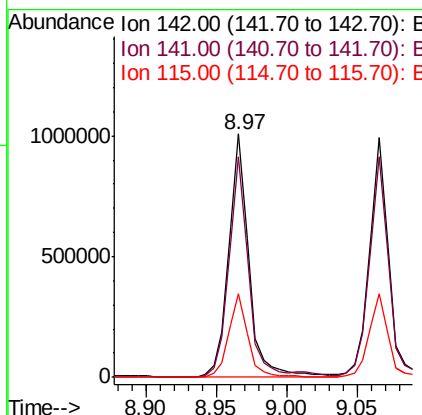
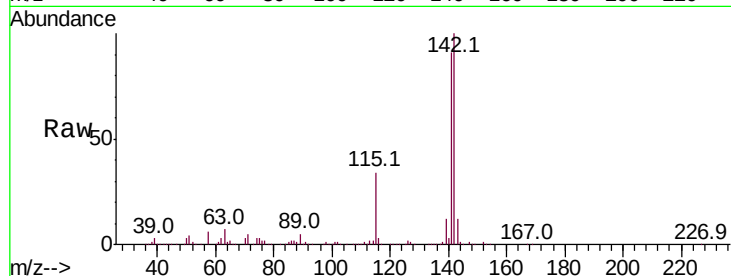




#37
2-Methylnaphthalene
Concen: 47.074 ng
RT: 8.97 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

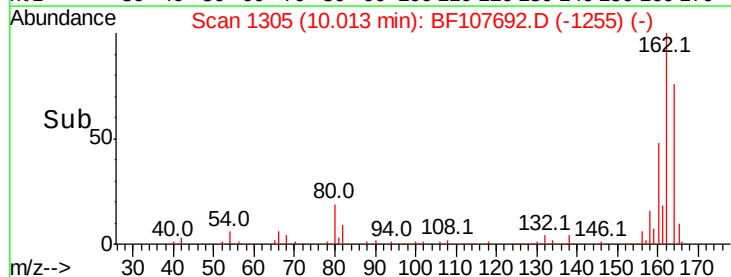
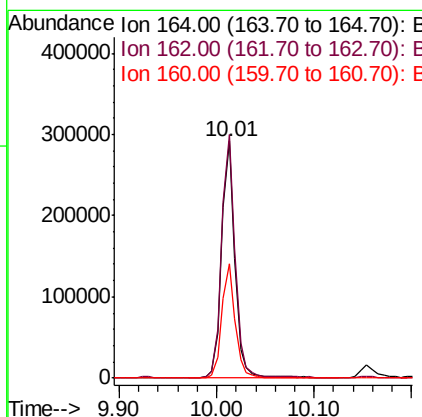
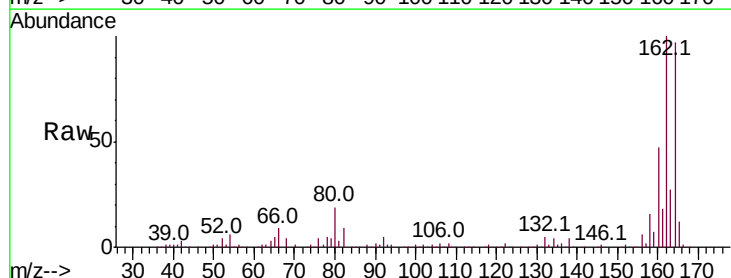
Instrument :
BNA_F
ClientSampleId :

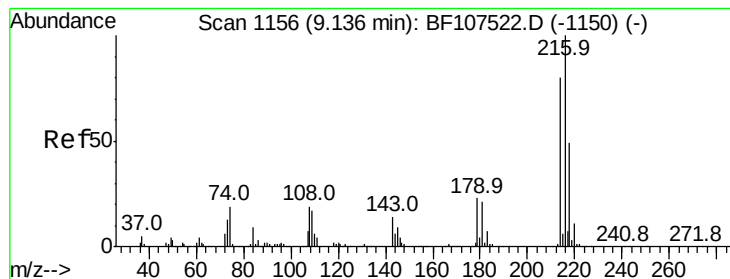
Tot Ion:142 Resp: 1006338
Ion Ratio Lower Upper
142 100
141 90.6 70.8 106.2
115 34.4 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Tgt Ion:164 Resp: 278878
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 48.5 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.694 ng

RT: 9.13 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF107692.D

Acq: 26 Jul 2018 8:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 471542

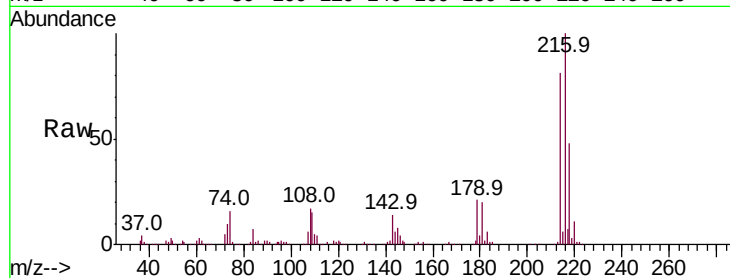
Ion Ratio Lower Upper

216 100

214 80.6 63.0 94.4

179 21.3 18.1 27.1

108 17.1 17.2 25.8#

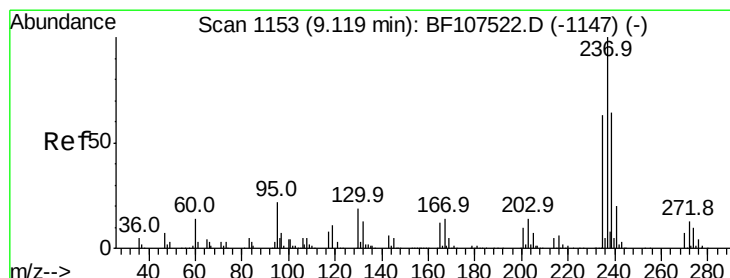
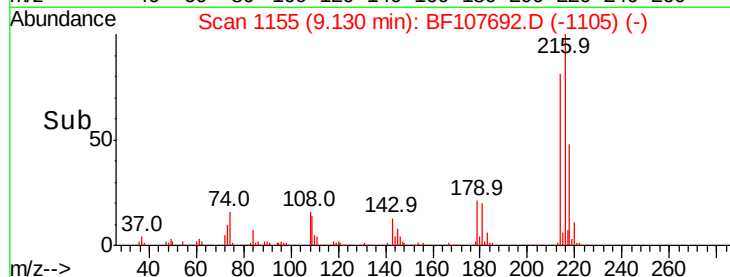
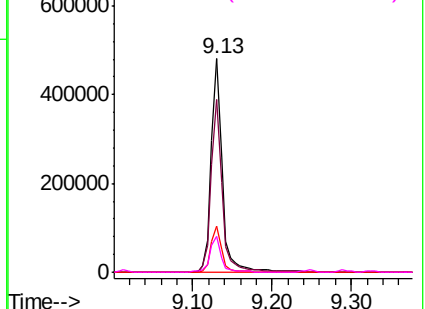


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 14.365 ng

RT: 9.11 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF107692.D

Acq: 26 Jul 2018 8:10

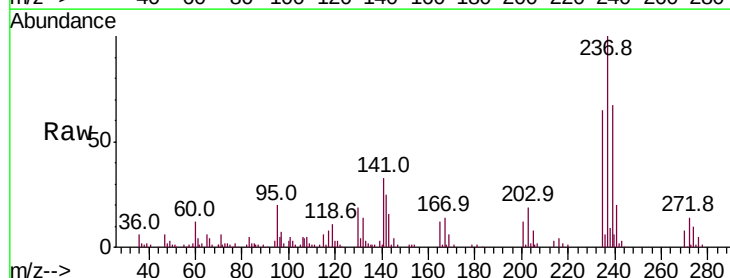
Tgt Ion:237 Resp: 67923

Ion Ratio Lower Upper

237 100

235 64.8 44.8 84.8

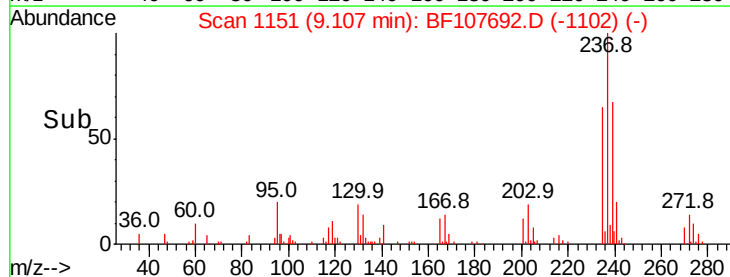
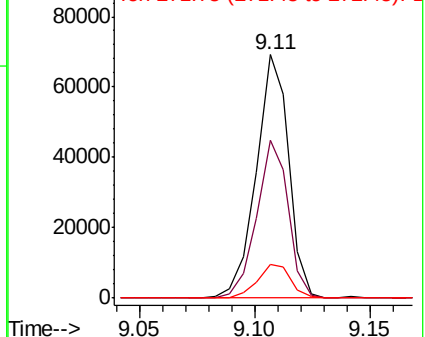
272 13.9 0.0 33.3

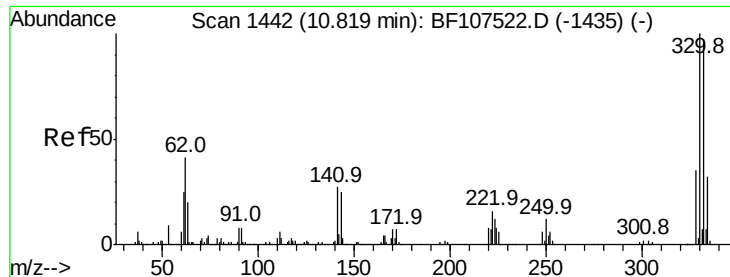


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

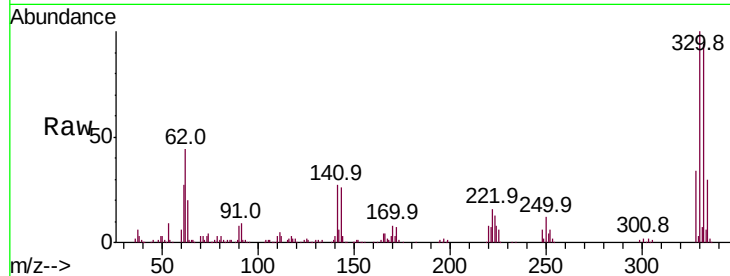




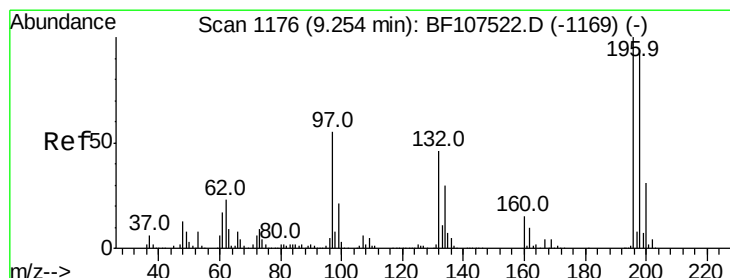
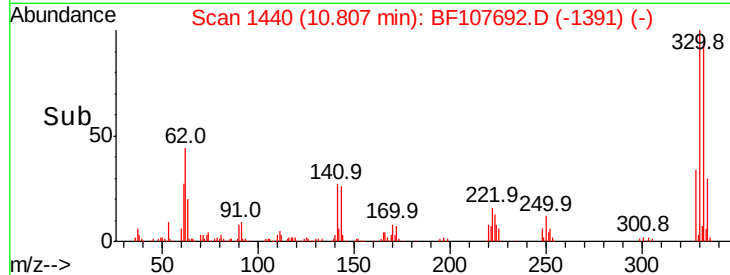
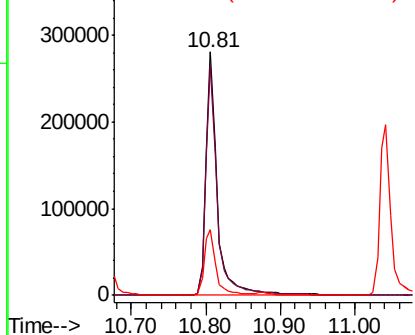
#41
 2,4,6-Tribromophenol
 Concen: 95.280 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107692.D
 Acq: 26 Jul 2018 8:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	27.4	29.9	44.9#

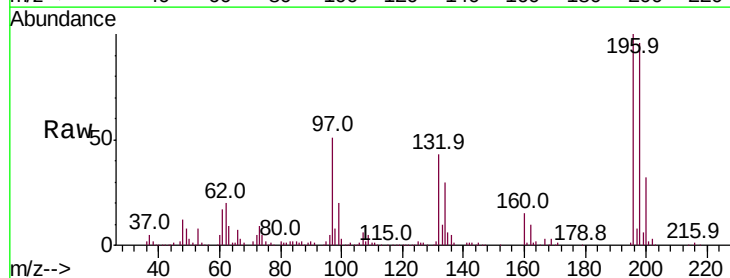


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

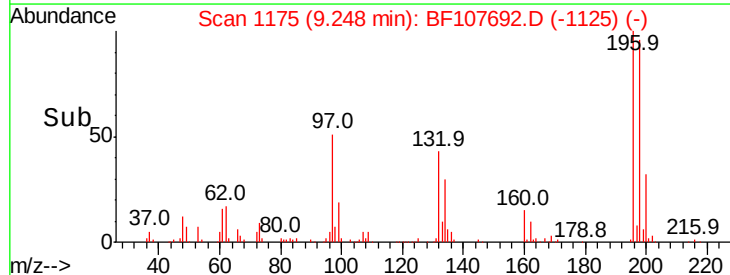
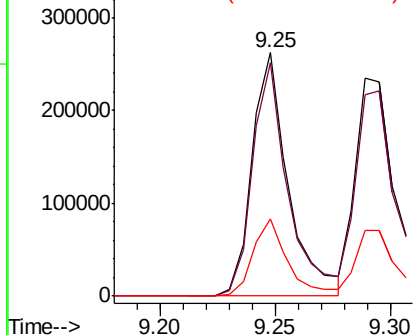


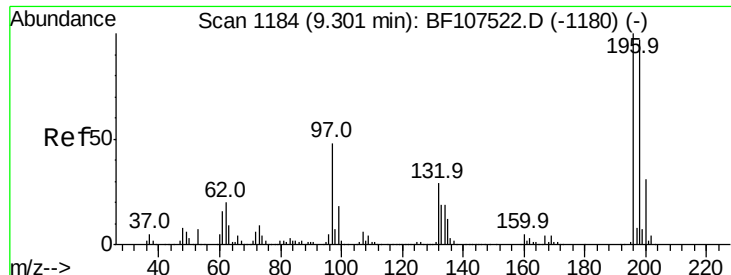
#42
 2,4,6-Trichlorophenol
 Concen: 48.545 ng
 RT: 9.25 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF107692.D
 Acq: 26 Jul 2018 8:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	75.7	113.5
200	31.6	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

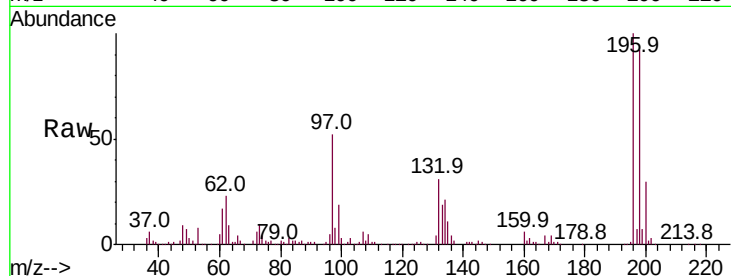




#43
 2,4,5-Trichlorophenol
 Concen: 50.272 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF107692.D
 Acq: 26 Jul 2018 8:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.1	74.6	112.0
97	51.9	42.9	64.3
132	30.8	26.3	39.5



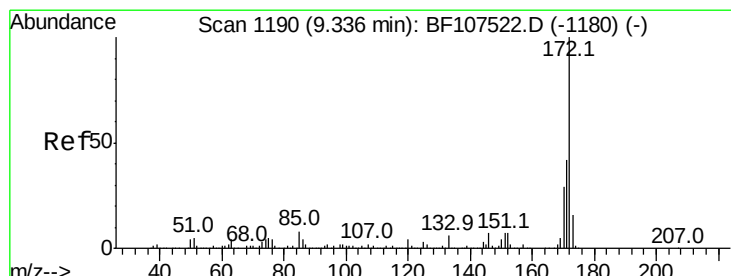
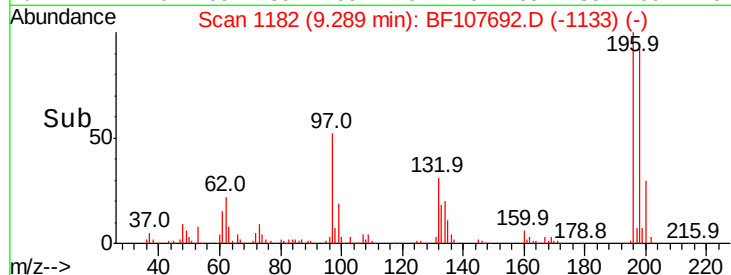
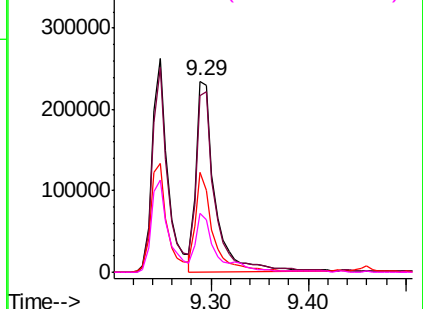
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

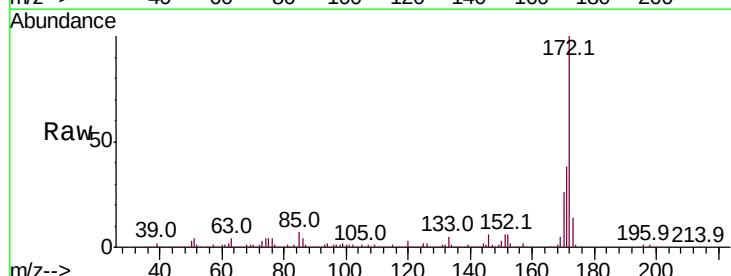
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 142.302 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF107692.D
 Acq: 26 Jul 2018 8:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.7	44.5
170	25.7	19.6	29.4

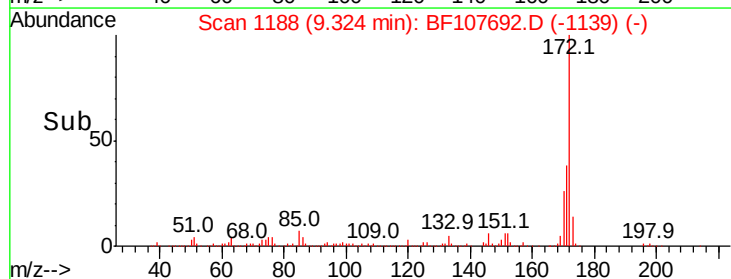
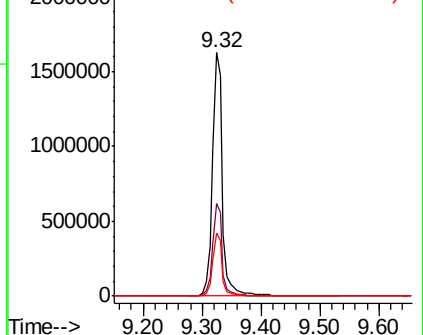


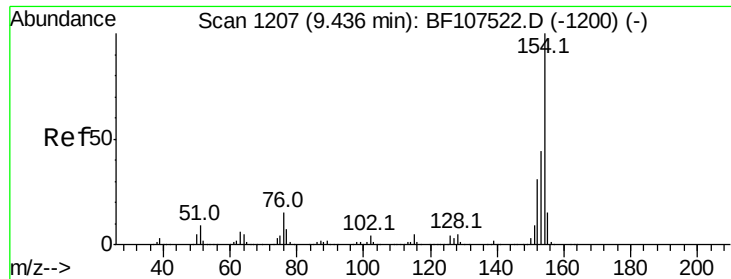
Abundance

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

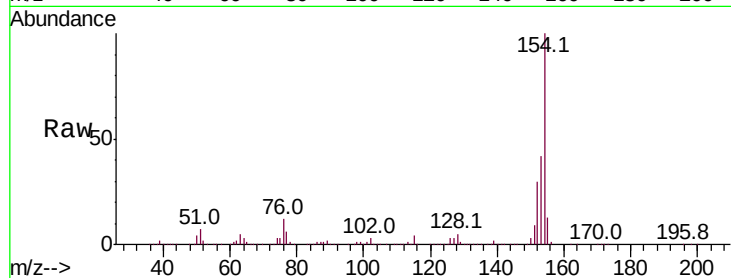




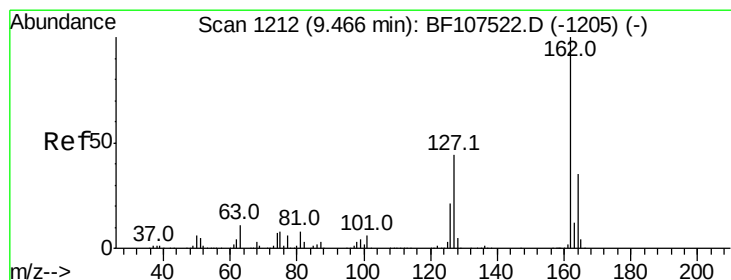
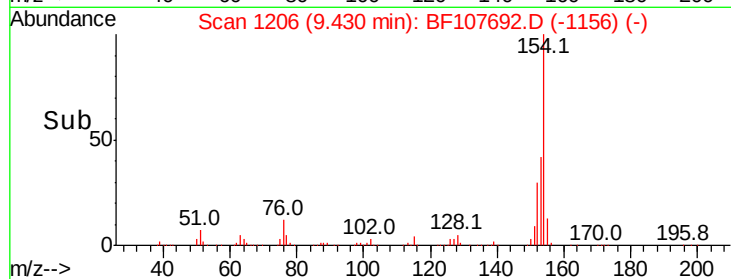
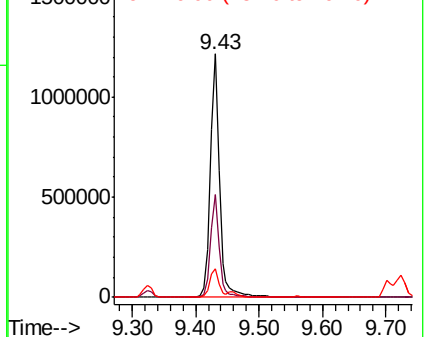
#45
 1,1'-Biphenyl
 Concen: 50.464 ng
 RT: 9.43 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF107692.D
 Acq: 26 Jul 2018 8:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1225939
 Ion Ratio Lower Upper
 154 100
 153 42.0 21.3 61.3
 76 11.7 0.0 34.0

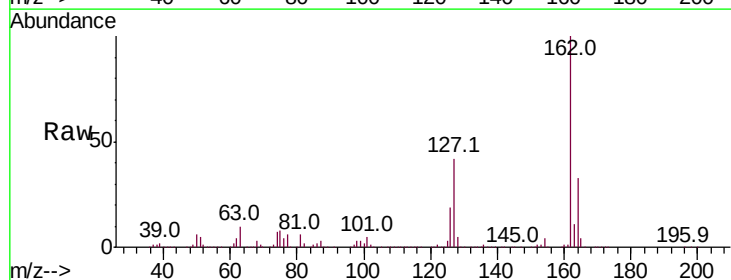


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

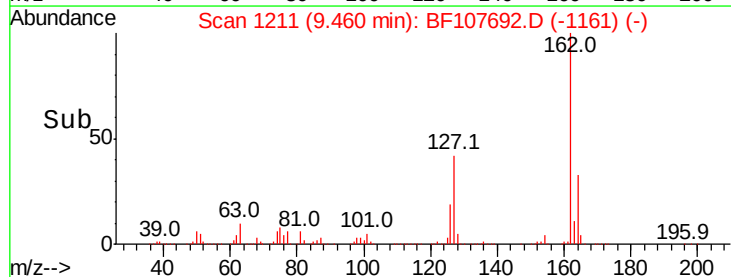
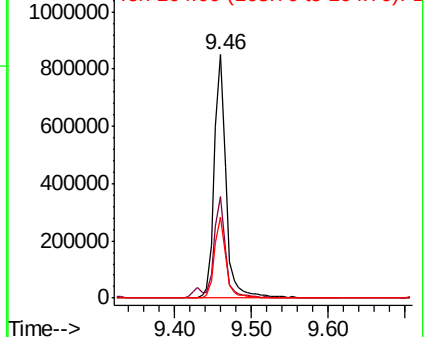


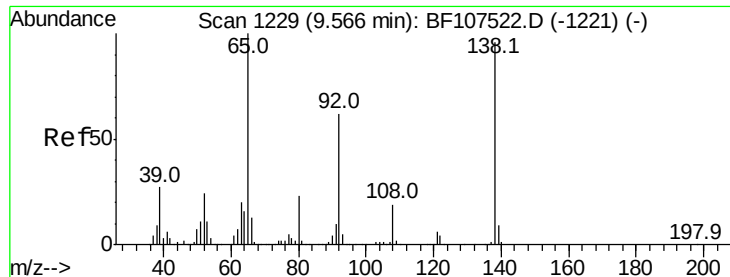
#46
 2-Chloronaphthalene
 Concen: 47.746 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF107692.D
 Acq: 26 Jul 2018 8:10

Tgt Ion:162 Resp: 886598
 Ion Ratio Lower Upper
 162 100
 127 41.7 33.9 50.9
 164 33.4 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: 57.436 ng

RT: 9.56 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF107692.D

Acq: 26 Jul 2018 8:10

Instrument :

BNA_F

ClientSampleId :

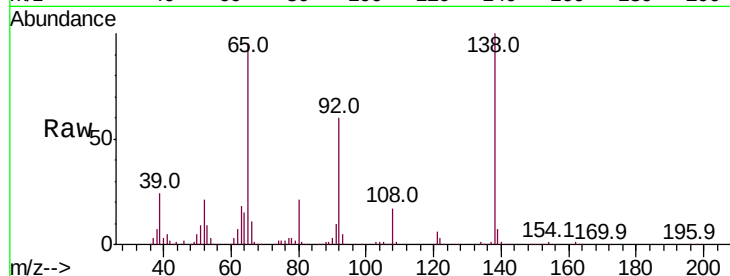
Tot Ion: 65 Resp: 310932

Ion Ratio Lower Upper

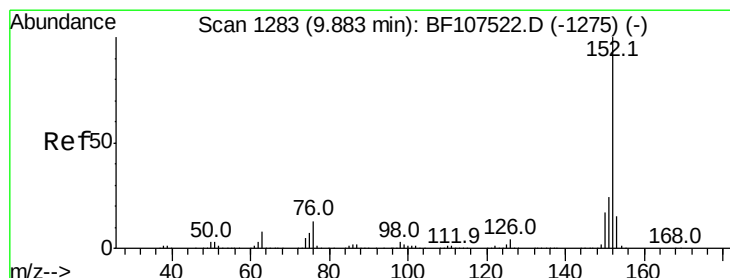
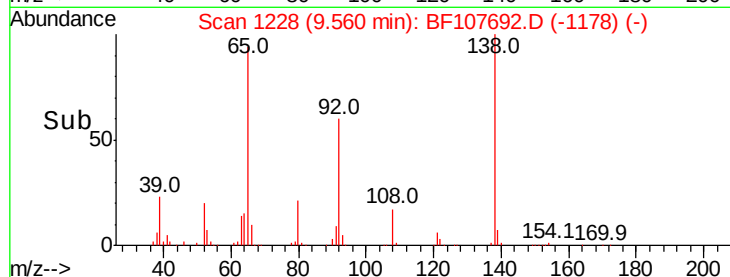
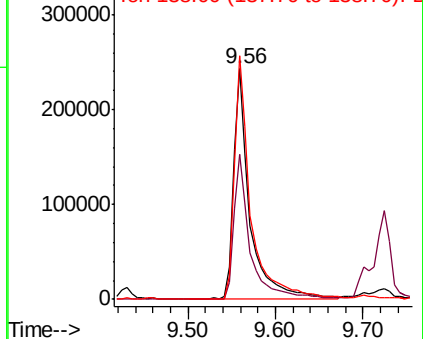
65 100

92 63.0 55.8 83.6

138 105.7 91.2 136.8



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



#48

Acenaphthylene

Concen: 50.411 ng

RT: 9.88 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF107692.D

Acq: 26 Jul 2018 8:10

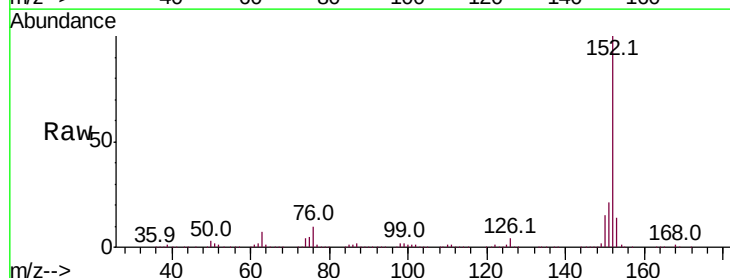
Tgt Ion: 152 Resp: 1406206

Ion Ratio Lower Upper

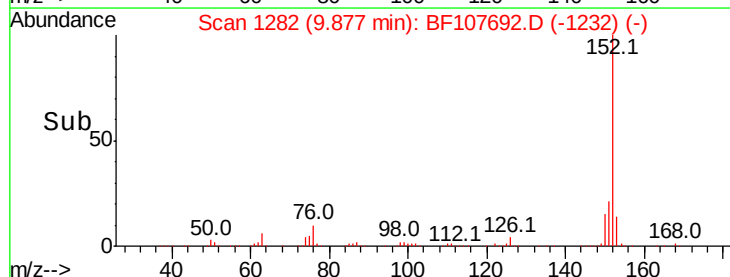
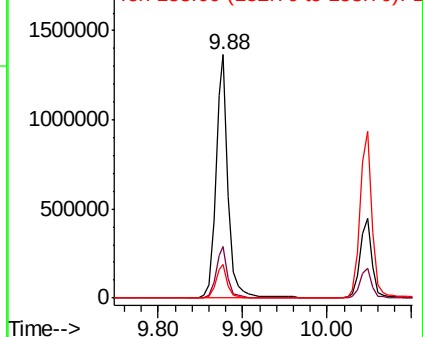
152 100

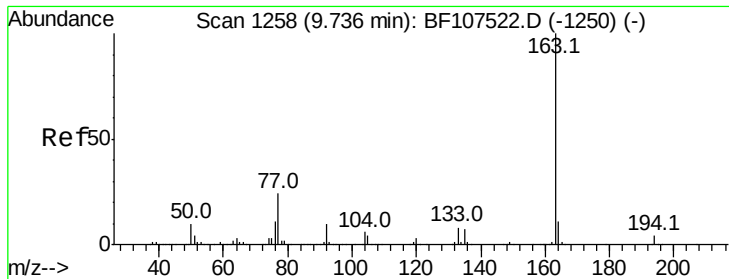
151 21.2 16.3 24.5

153 13.7 10.7 16.1



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

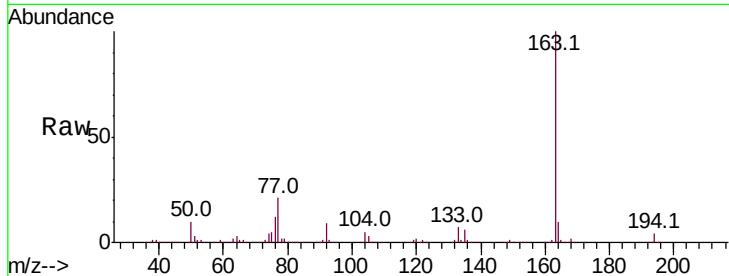




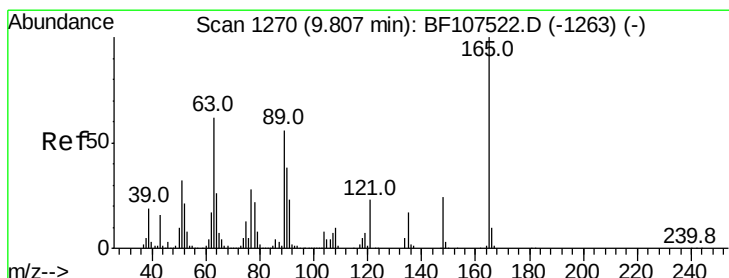
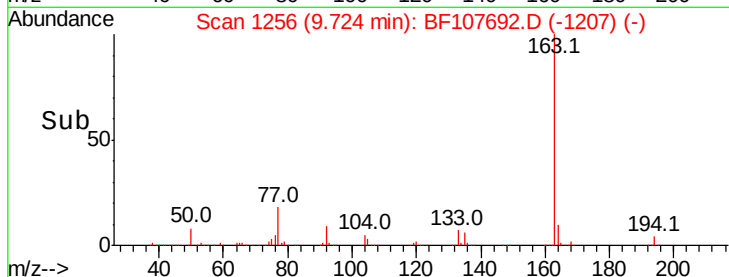
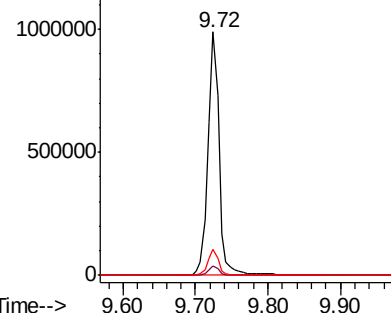
#49
Dimethylphthalate
Concen: 50.686 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1065314
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.5 8.2 12.2

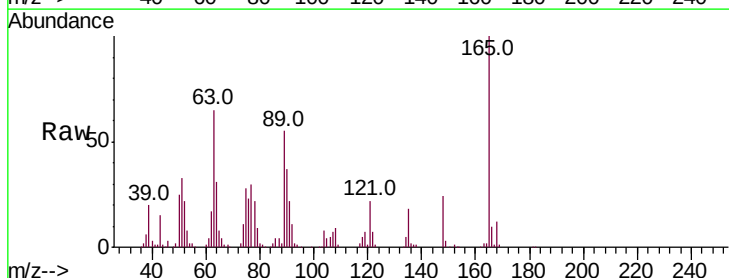


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

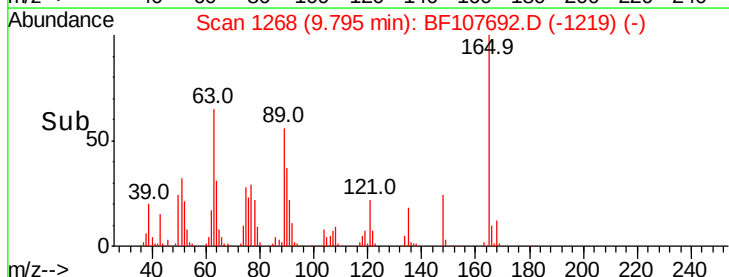
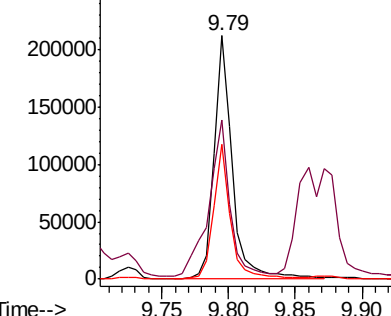


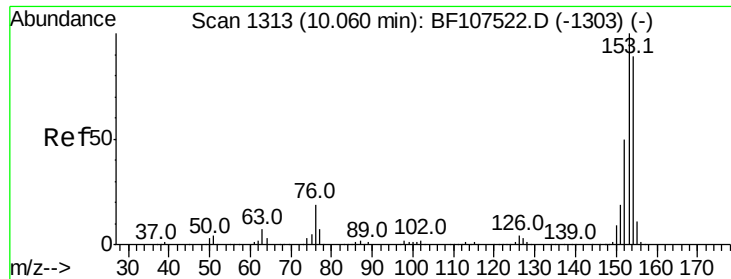
#50
2,6-Dinitrotoluene
Concen: 49.044 ng
RT: 9.79 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Tgt Ion:165 Resp: 204658
Ion Ratio Lower Upper
165 100
63 65.4 44.7 67.1
89 55.4 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

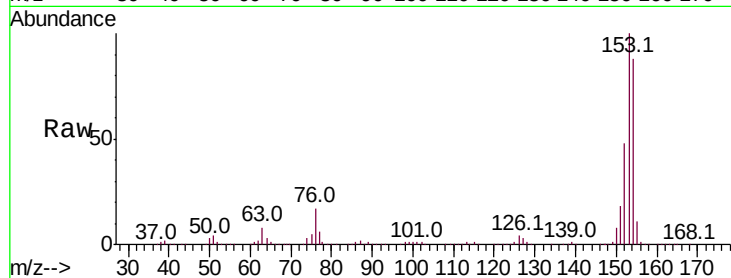




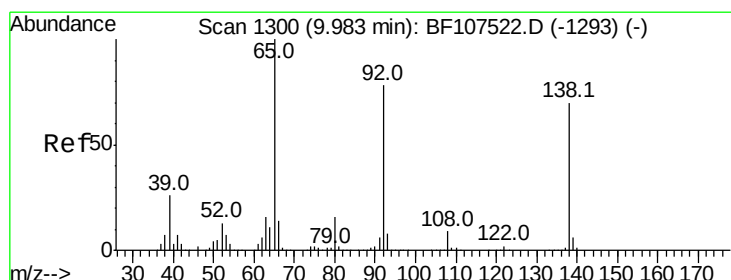
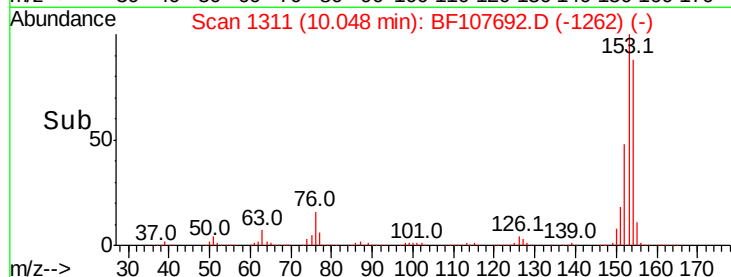
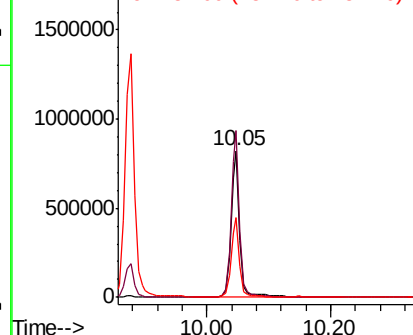
#51
Acenaphthene
Concen: 47.117 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 823494
Ion Ratio Lower Upper
154 100
153 113.4 91.2 136.8
152 54.0 43.8 65.8

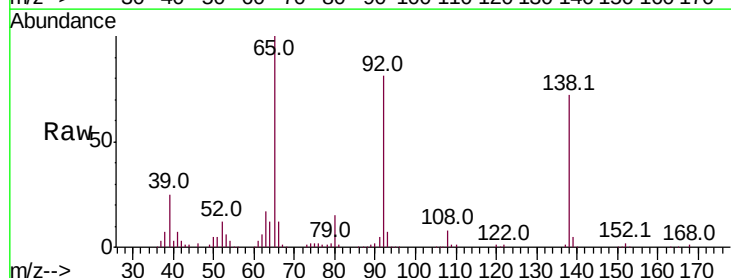


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

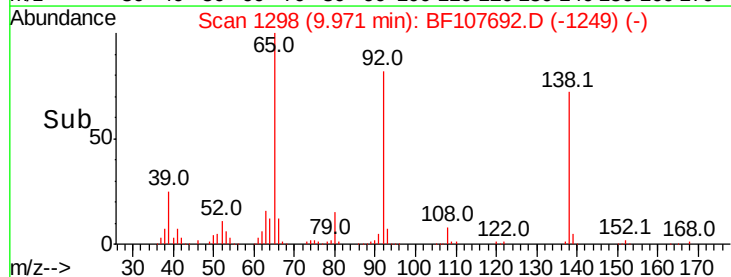
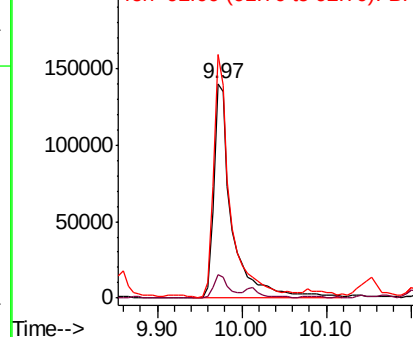


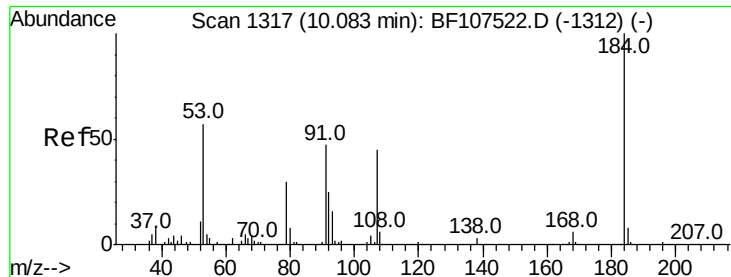
#52
3-Nitroaniline
Concen: 41.851 ng
RT: 9.97 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Tgt Ion:138 Resp: 212458
Ion Ratio Lower Upper
138 100
108 10.8 9.4 14.0
92 113.5 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

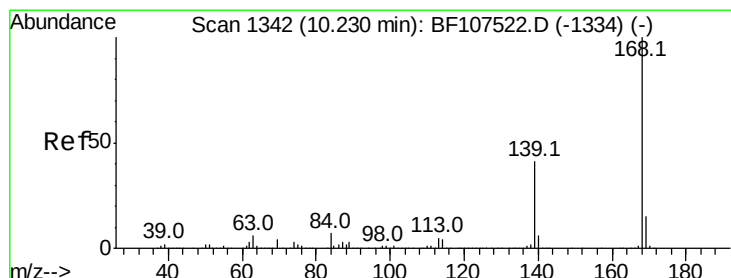
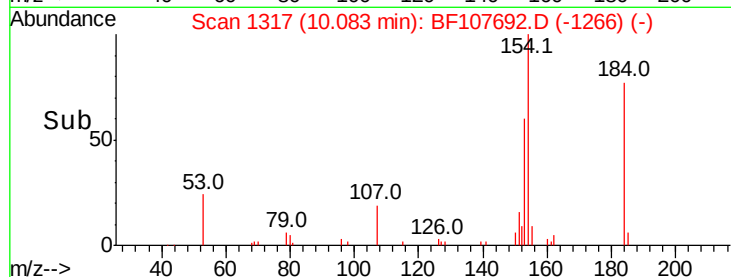
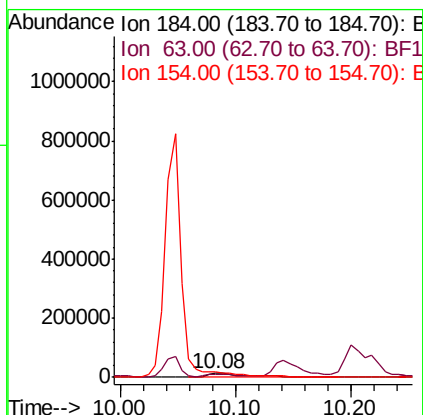
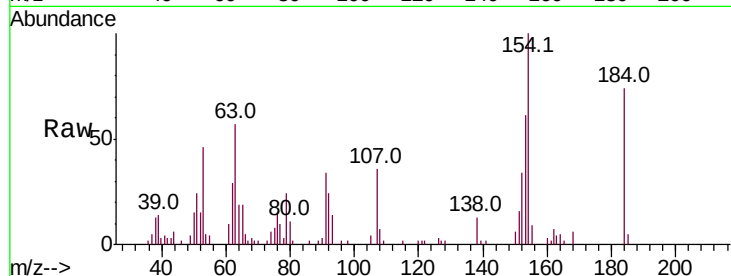




#53
2,4-Dinitrophenol
Concen: 28.532 ng
RT: 10.08 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

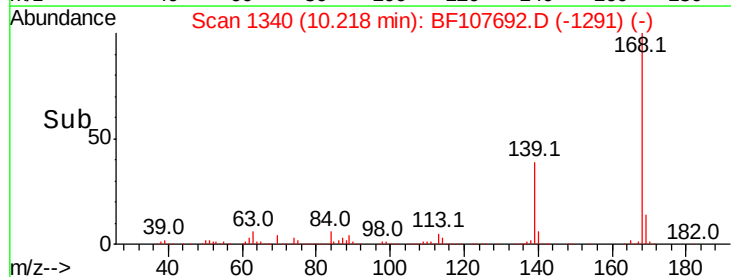
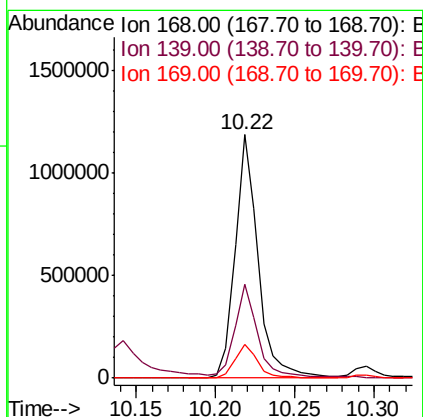
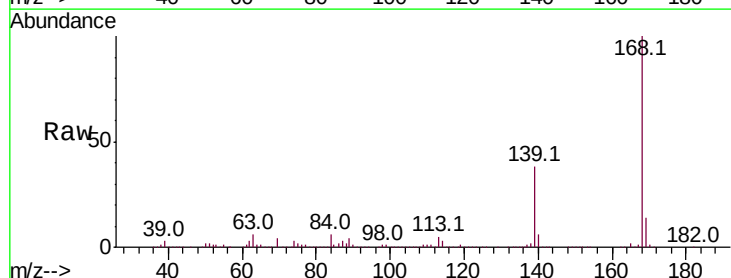
Instrument :
BNA_F
ClientSampleId :

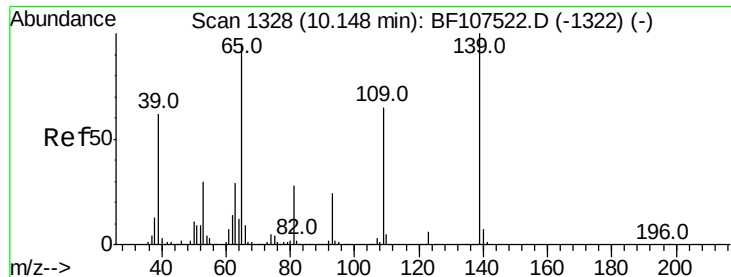
Tot Ion:184 Resp: 33121
Ion Ratio Lower Upper
184 100
63 77.2 54.2 81.2
154 135.4 184.0 276.0#



#54
Dibenzofuran
Concen: 46.596 ng
RT: 10.22 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Tgt Ion:168 Resp: 1198927
Ion Ratio Lower Upper
168 100
139 38.5 30.1 45.1
169 13.9 10.9 16.3

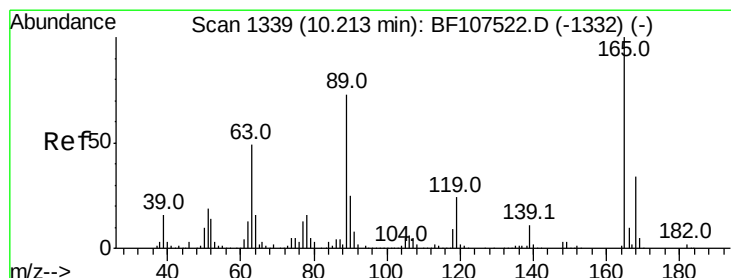
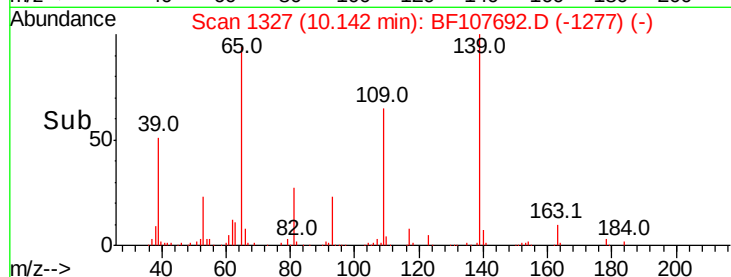
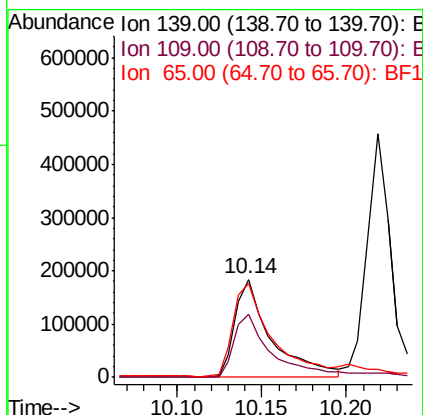
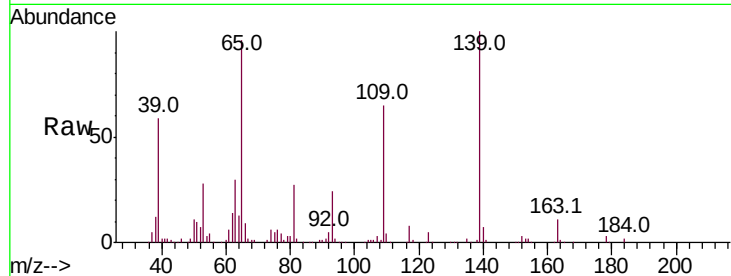




#55
4-Nitrophenol
Concen: 72.466 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

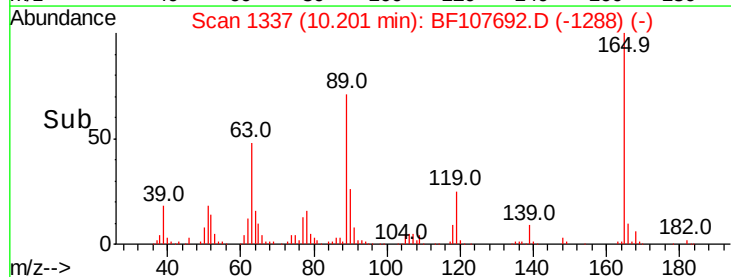
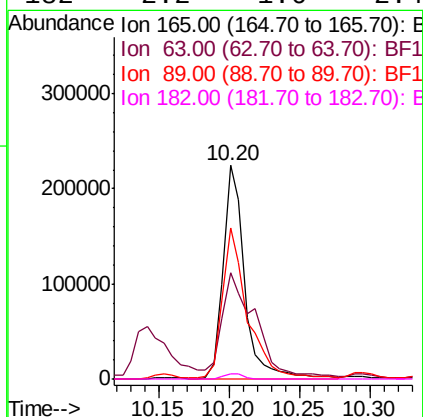
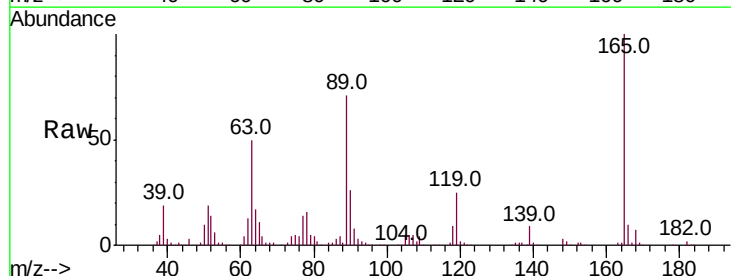
Instrument :
BNA_F
ClientSampleId :

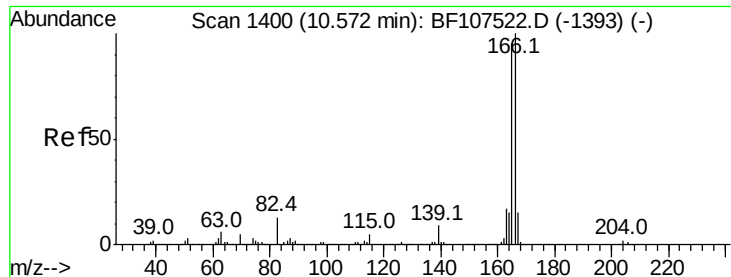
Tot Ion:139 Resp: 275434
Ion Ratio Lower Upper
139 100
109 65.2 48.4 88.4
65 95.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 47.017 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Tgt Ion:165 Resp: 236831
Ion Ratio Lower Upper
165 100
63 49.7 36.4 54.6
89 70.9 57.8 86.6
182 2.2 1.6 2.4

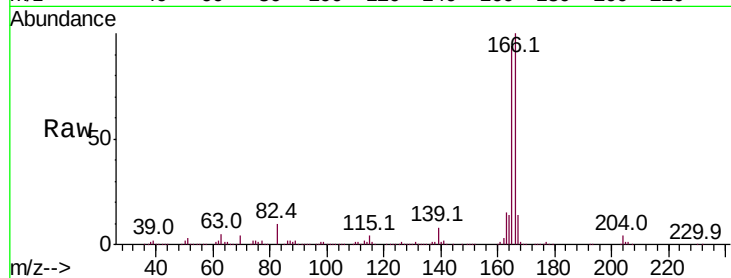




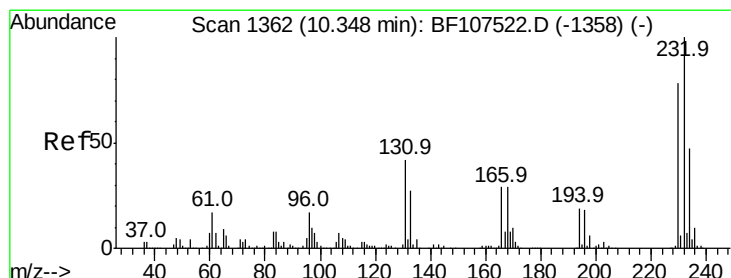
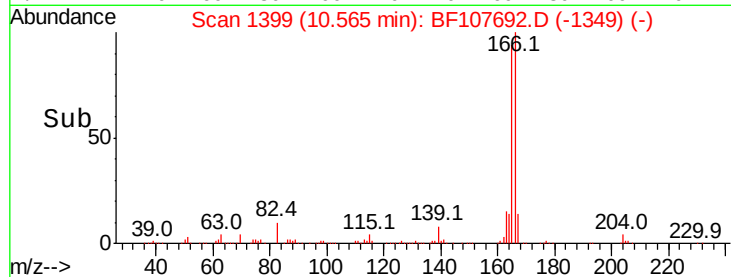
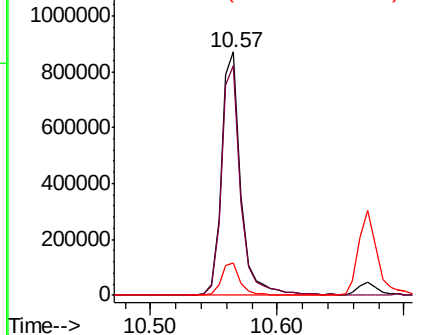
#57
 Fluorene
 Concen: 50.412 ng
 RT: 10.57 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF107692.D
 Acq: 26 Jul 2018 8:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 925389
 Ion Ratio Lower Upper
 166 100
 165 94.2 79.8 119.8
 167 13.6 10.6 16.0



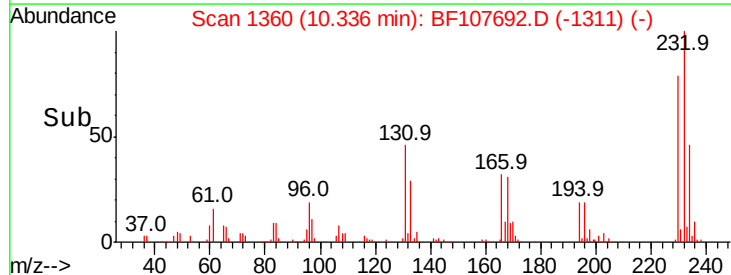
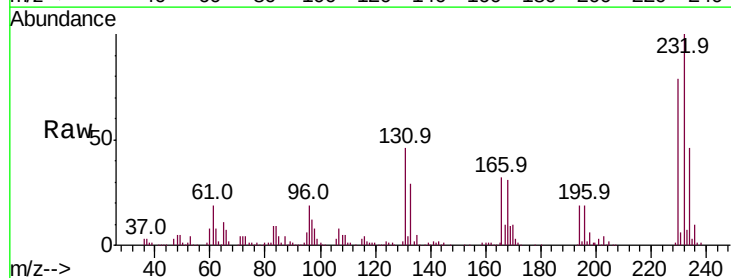
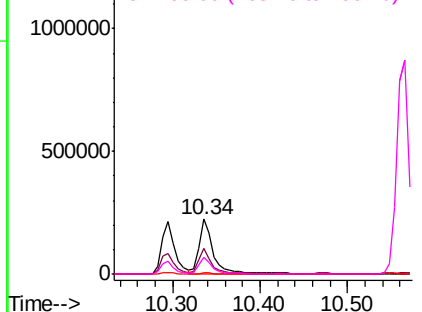
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

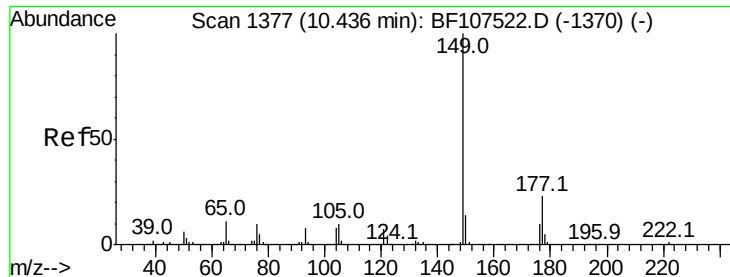


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.940 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF107692.D
 Acq: 26 Jul 2018 8:10

Tgt Ion:232 Resp: 253455
 Ion Ratio Lower Upper
 232 100
 131 41.1 43.8 65.8#
 130 2.1 2.1 3.1
 166 28.0 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

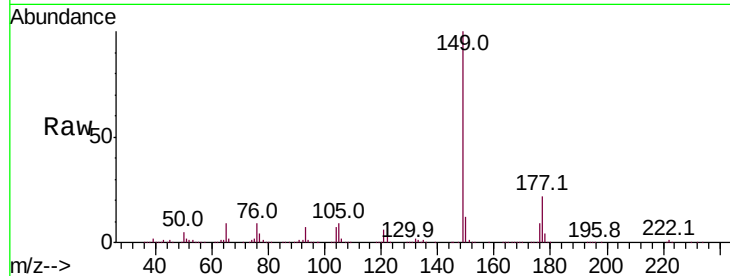




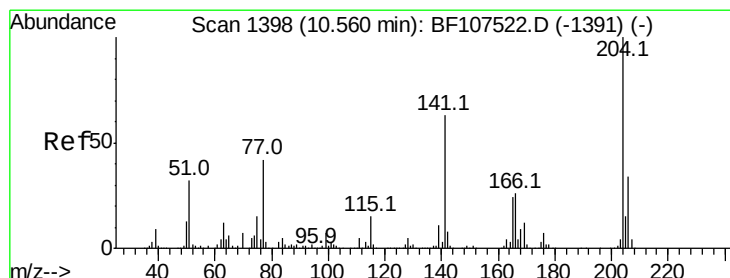
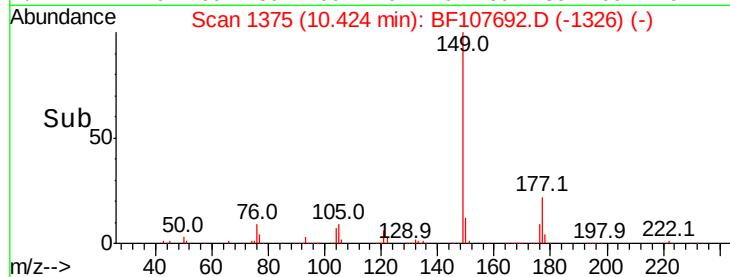
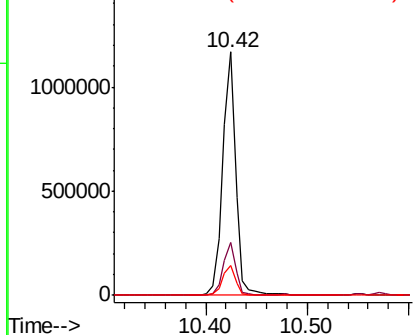
#59
Diethylphthalate
Concen: 47.758 ng
RT: 10.42 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1048325
Ion Ratio Lower Upper
149 100
177 21.9 16.1 24.1
150 12.5 10.1 15.1

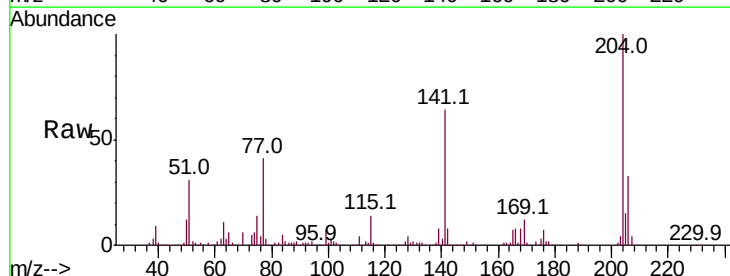


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

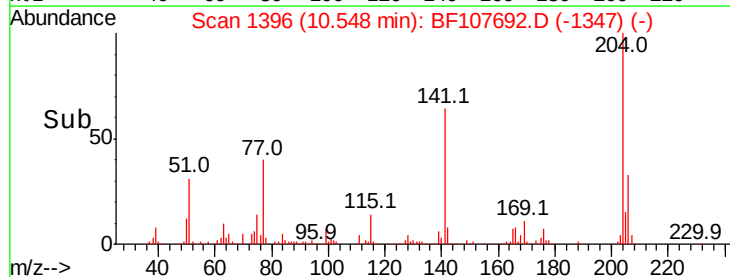
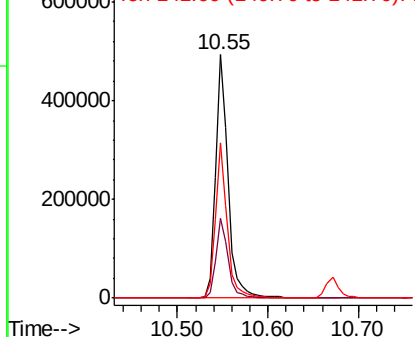


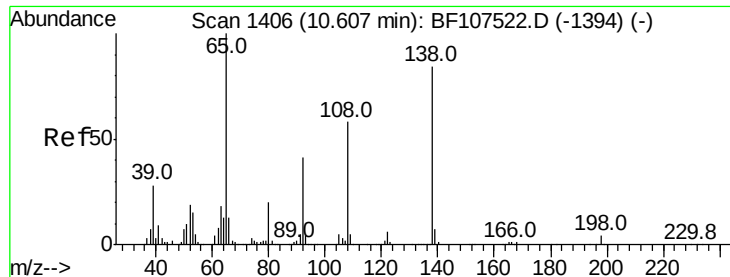
#60
4-Chlorophenyl-phenylether
Concen: 45.376 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Tgt Ion:204 Resp: 470886
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 63.6 54.6 81.8



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

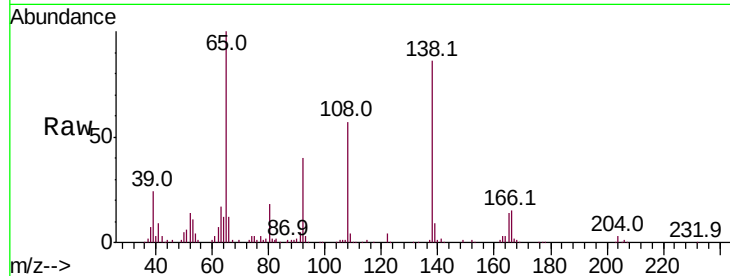




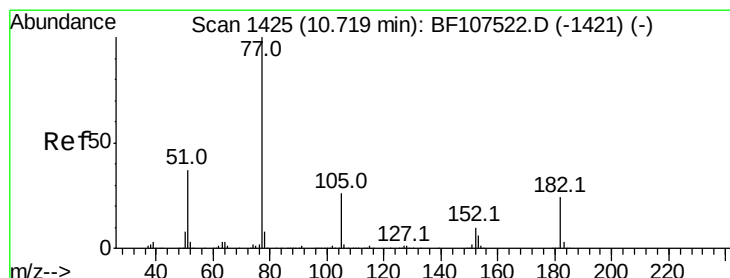
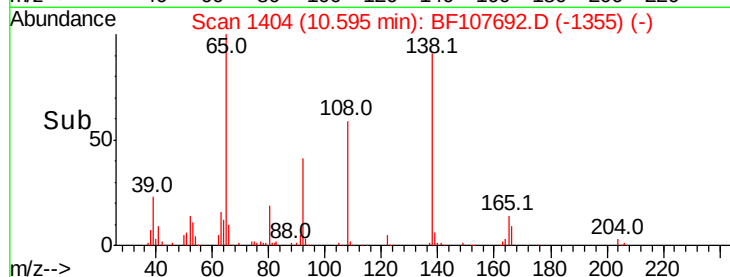
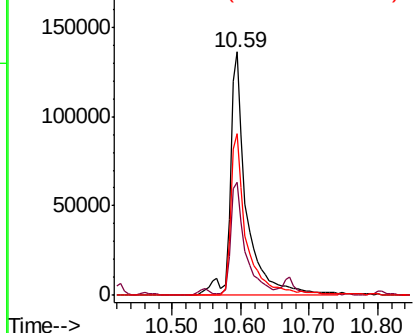
#61
4-Nitroaniline
Concen: 53.425 ng
RT: 10.59 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 227869
Ion Ratio Lower Upper
138 100
92 46.3 30.2 70.2
108 66.3 52.5 92.5

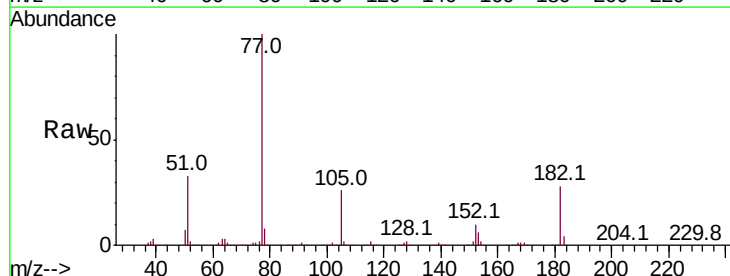


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

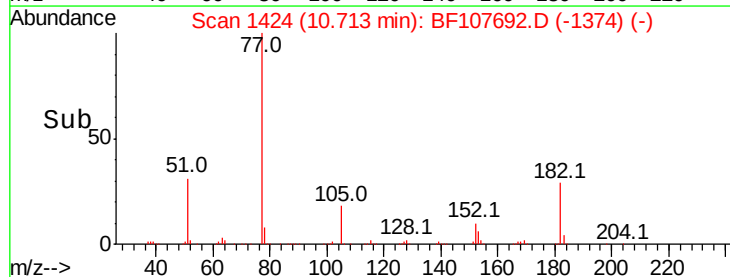
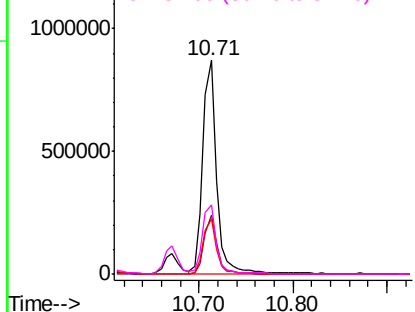


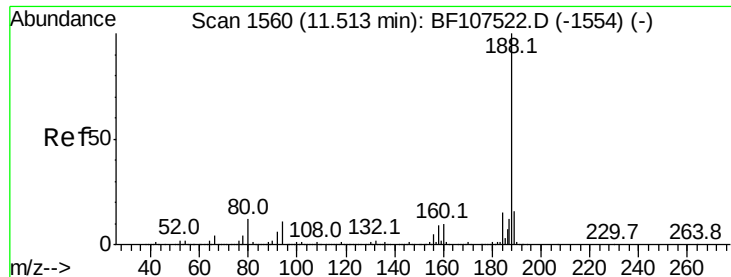
#62
Azobenzene
Concen: 43.306 ng
RT: 10.71 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Tgt Ion: 77 Resp: 891387
Ion Ratio Lower Upper
77 100
182 27.8 1.7 41.7
105 25.9 3.0 43.0
51 32.6 9.9 49.9



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

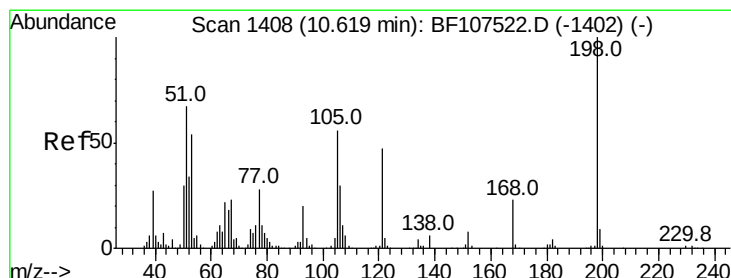
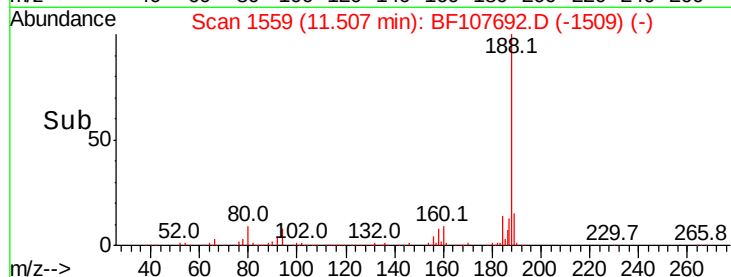
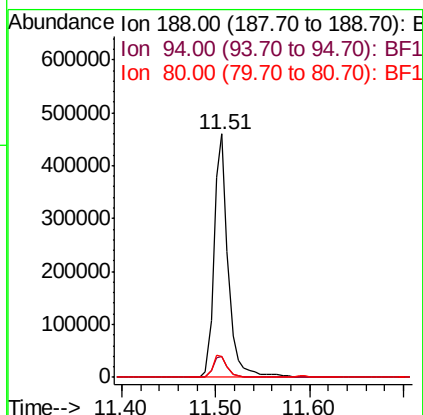
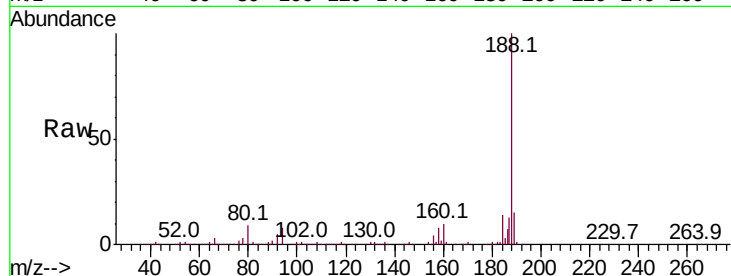




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

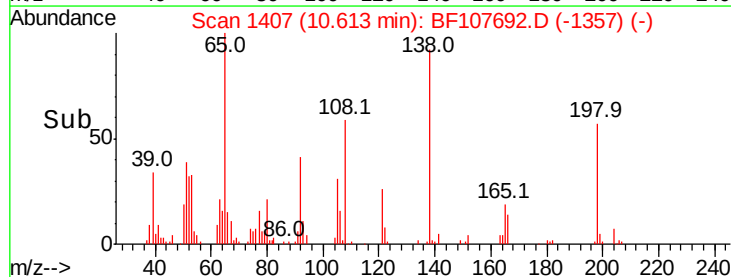
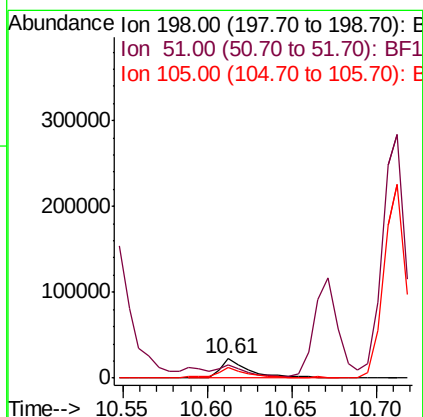
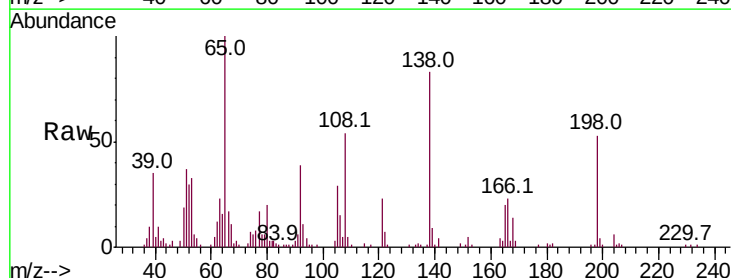
Instrument :
BNA_F
ClientSampleId :

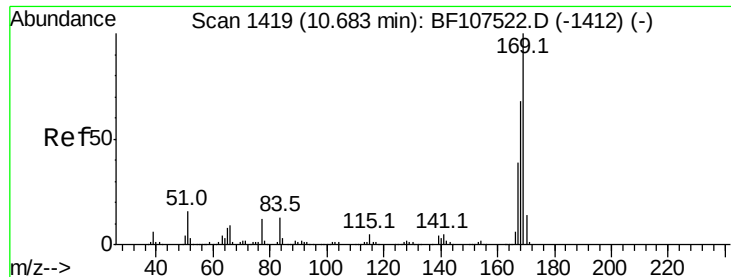
Tot Ion:188 Resp: 486891
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 8.8 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 18.276 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Tgt Ion:198 Resp: 27532
Ion Ratio Lower Upper
198 100
51 69.5 37.7 77.7
105 54.4 36.3 76.3

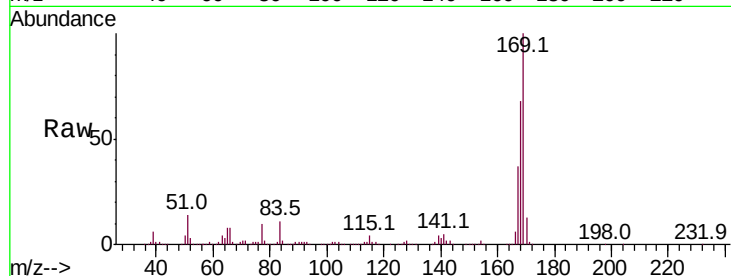




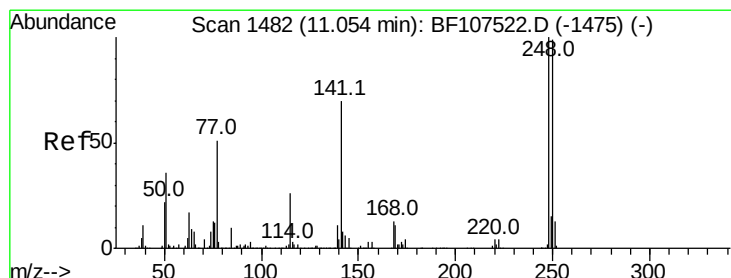
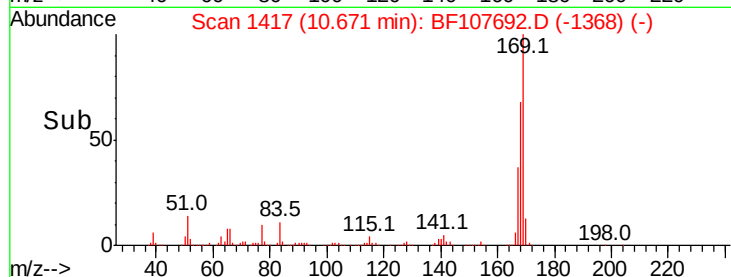
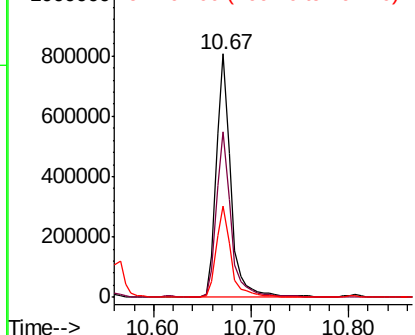
#65
n-Nitrosodiphenylamine
Concen: 50.389 ng
RT: 10.67 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:169 Resp: 833241
Ion Ratio Lower Upper
169 100
168 68.1 54.4 81.6
167 37.4 29.8 44.6

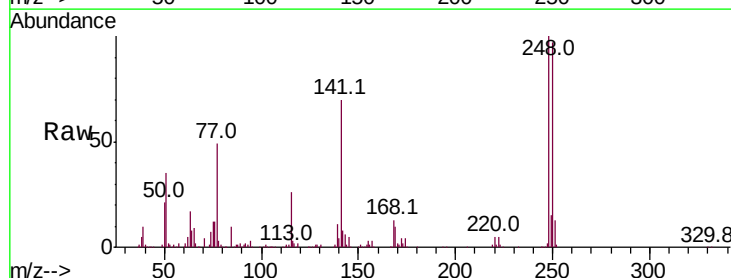


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

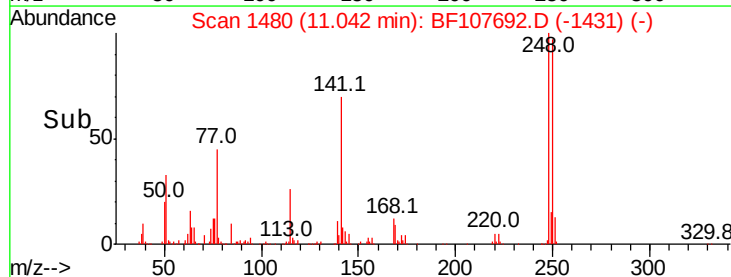
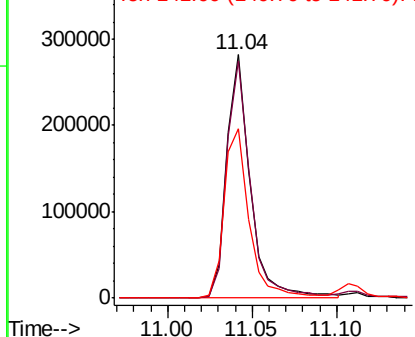


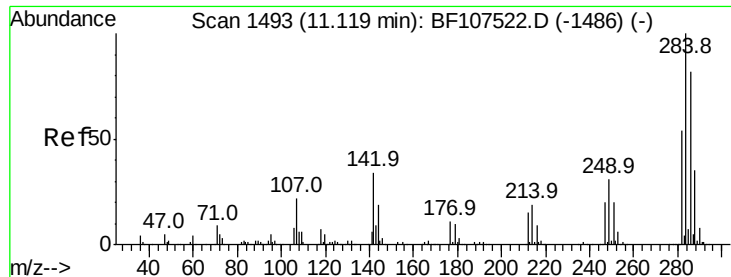
#66
4-Bromophenyl-phenylether
Concen: 48.164 ng
RT: 11.04 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Tgt Ion:248 Resp: 276051
Ion Ratio Lower Upper
248 100
250 97.4 76.9 115.3
141 69.6 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: 45.311 ng

RT: 11.11 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BF107692.D

Acq: 26 Jul 2018 8:10

Instrument :

BNA_F

ClientSampleId :

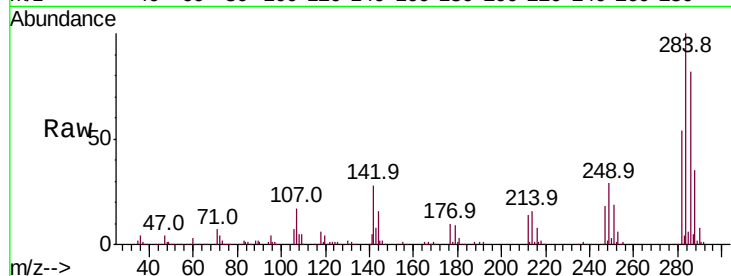
Tot Ion:284 Resp: 285752

Ion Ratio Lower Upper

284 100

142 28.3 34.6 52.0#

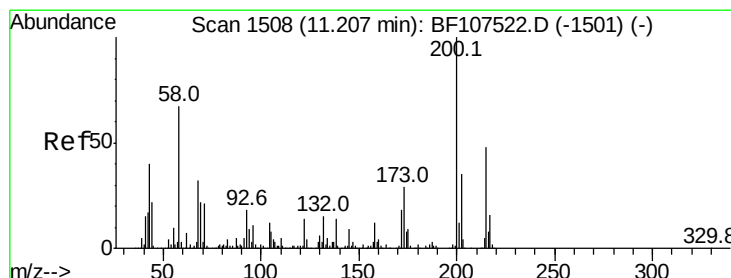
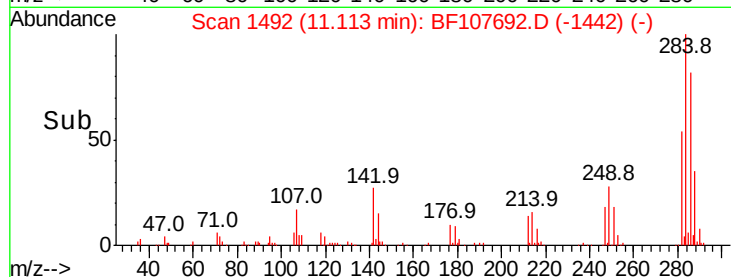
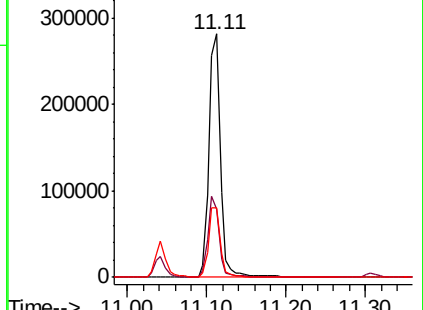
249 28.8 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.989 ng

RT: 11.19 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BF107692.D

Acq: 26 Jul 2018 8:10

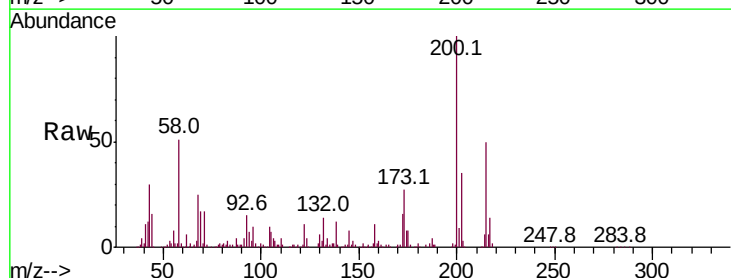
Tgt Ion:200 Resp: 242285

Ion Ratio Lower Upper

200 100

173 27.4 8.6 48.6

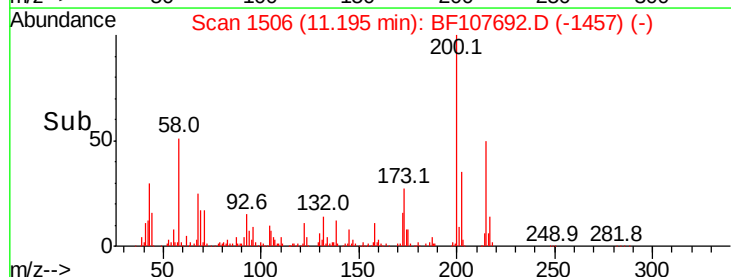
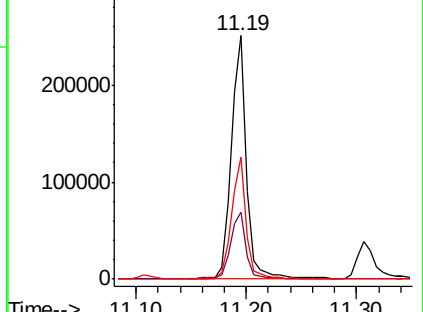
215 50.1 25.1 65.1

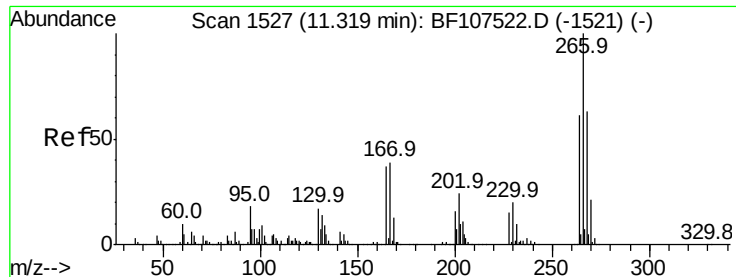


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

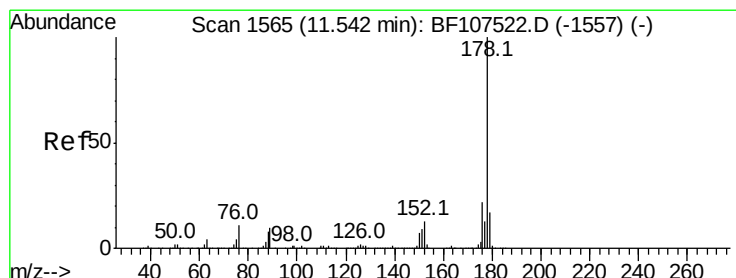
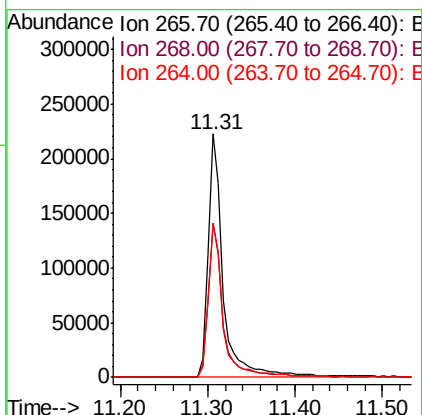
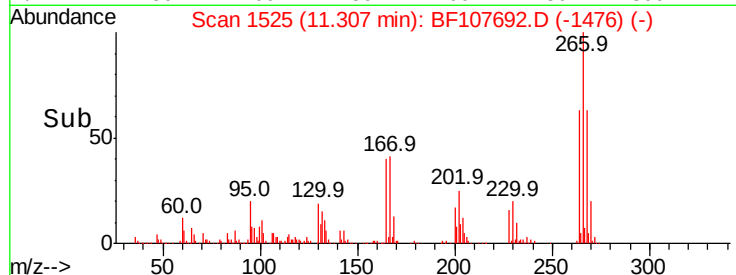
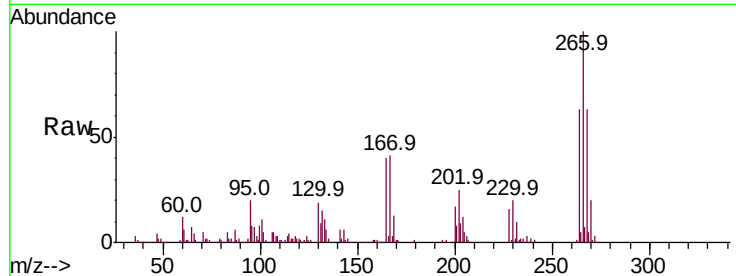




#69
 Pentachlorophenol
 Concen: 67.653 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF107692.D
 Acq: 26 Jul 2018 8:10

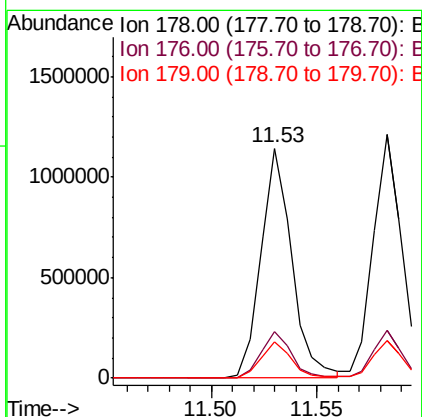
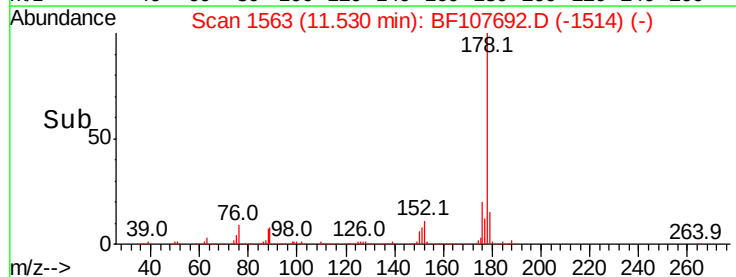
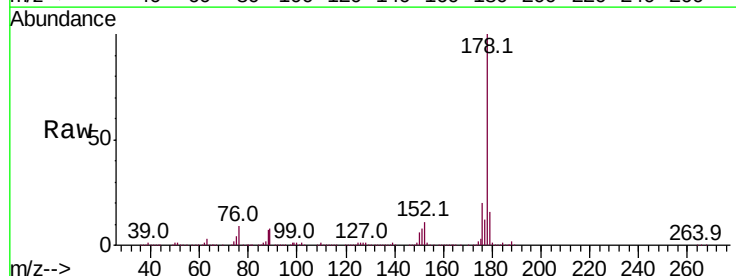
Instrument :
 BNA_F
 ClientSampled :

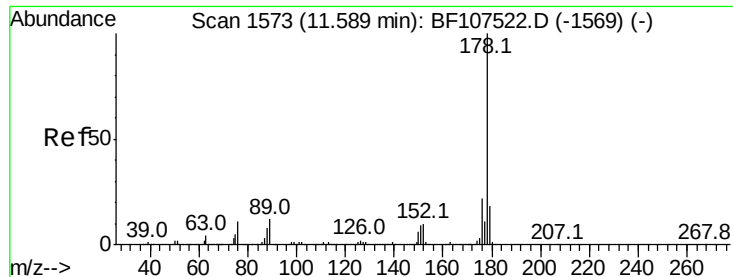
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	63.3	49.5	74.3



#70
 Phenanthrene
 Concen: 49.142 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF107692.D
 Acq: 26 Jul 2018 8:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.8	13.0	19.6

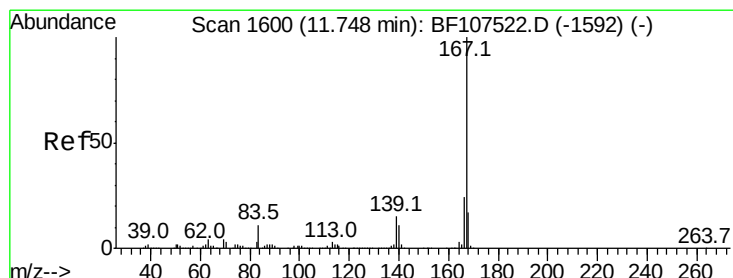
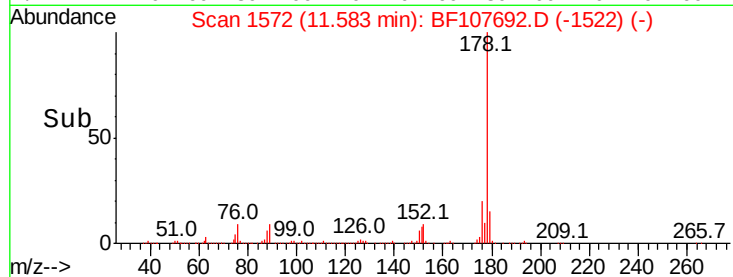
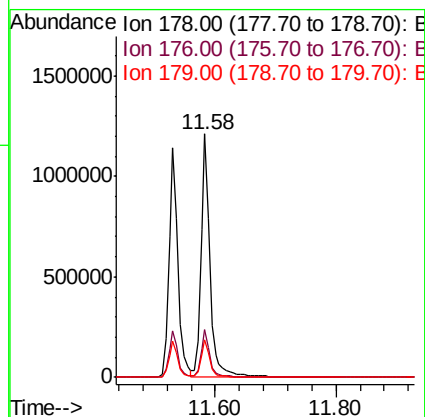
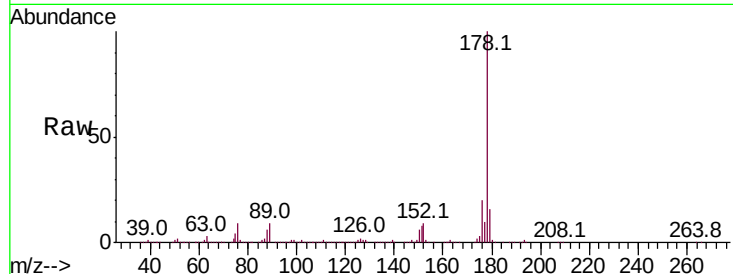




#71
 Anthracene
 Concen: 53.574 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF107692.D
 Acq: 26 Jul 2018 8:10

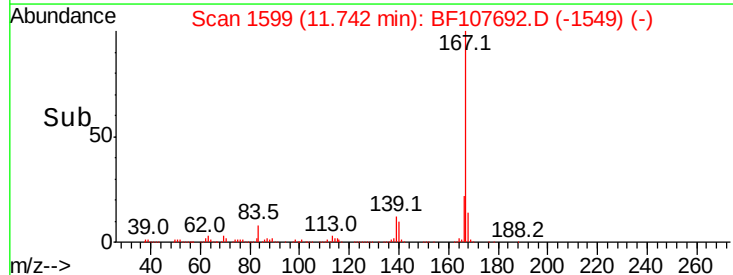
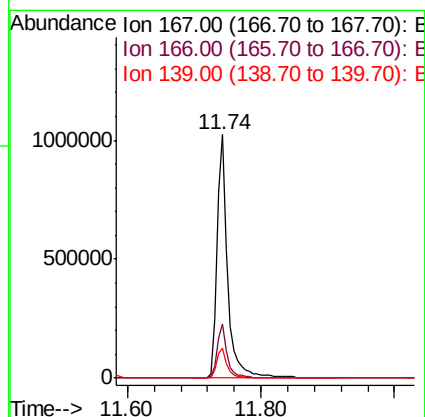
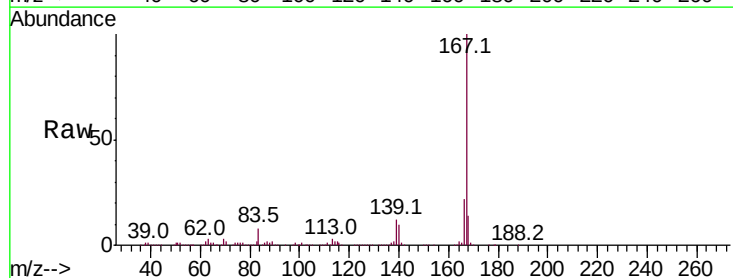
Instrument :
 BNA_F
 ClientSampleId :

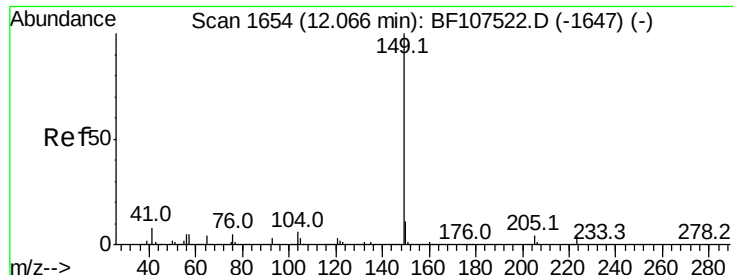
Tot Ion:178 Resp: 1279821
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 46.592 ng
 RT: 11.74 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF107692.D
 Acq: 26 Jul 2018 8:10

Tgt Ion:167 Resp: 1157424
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 12.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 65.337 ng

RT: 12.05 min Scan# 1651

Delta R.T. -0.02 min

Lab File: BF107692.D

Acq: 26 Jul 2018 8:10

Instrument :

BNA_F

ClientSampleId :

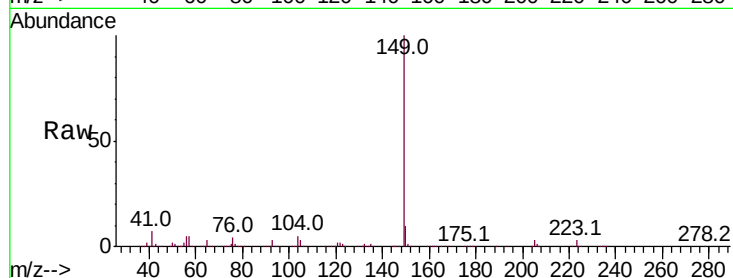
Tot Ion:149 Resp: 1456784

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

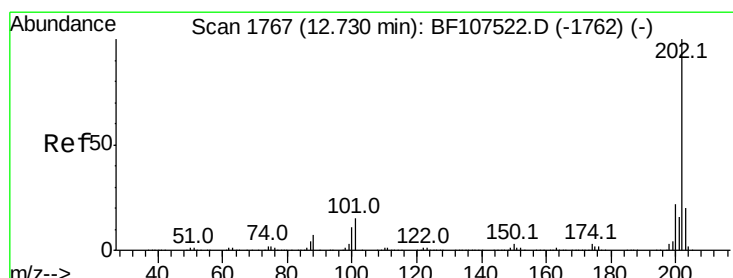
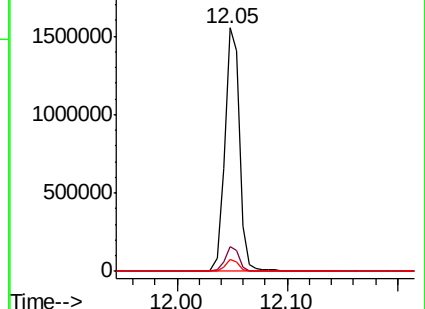
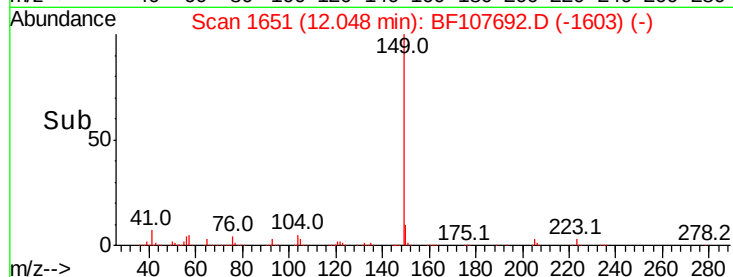
104 5.0 3.8 5.8



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: 48.185 ng

RT: 12.72 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF107692.D

Acq: 26 Jul 2018 8:10

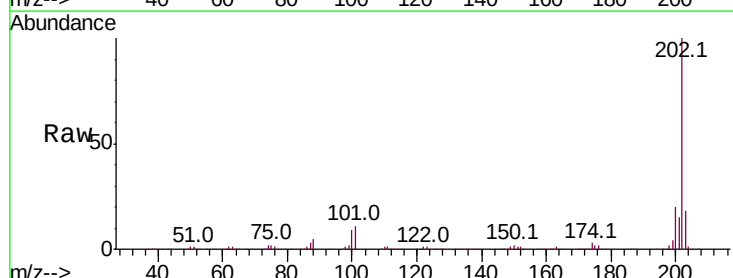
Tgt Ion:202 Resp: 1226806

Ion Ratio Lower Upper

202 100

101 10.7 0.0 34.1

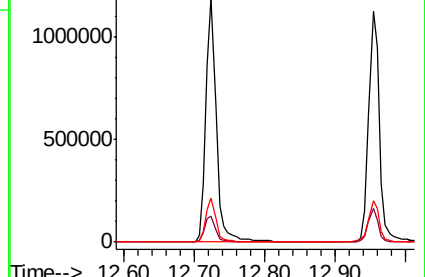
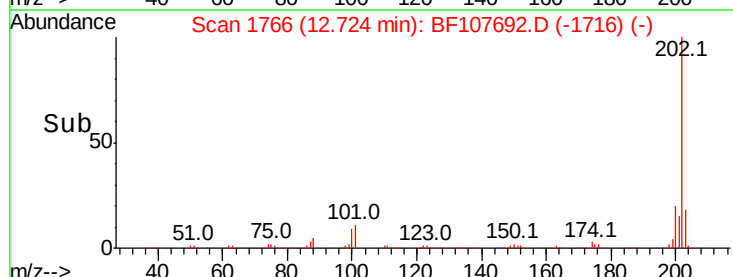
203 18.2 0.0 38.1

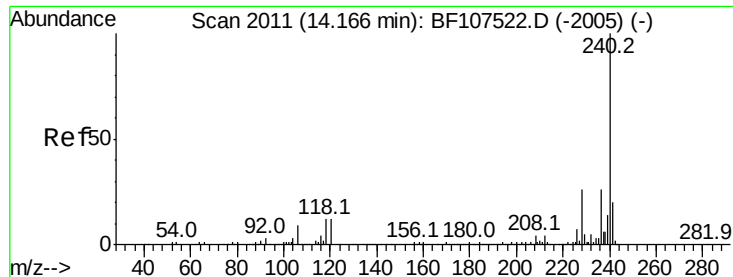


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF107692.D

Acq: 26 Jul 2018 8:10

Instrument :

BNA_F

ClientSampleId :

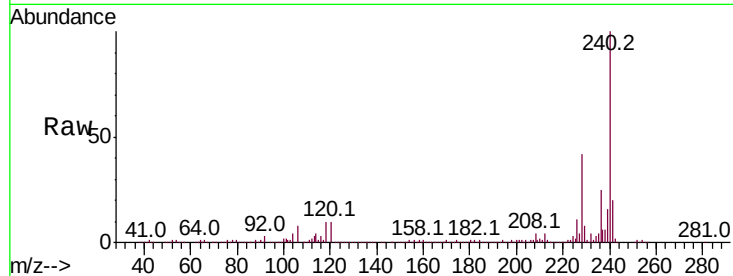
Tot Ion:240 Resp: 338553

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

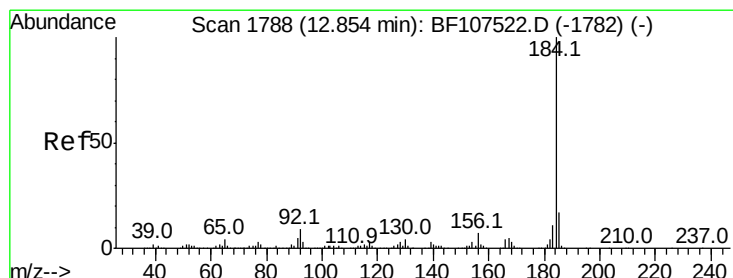
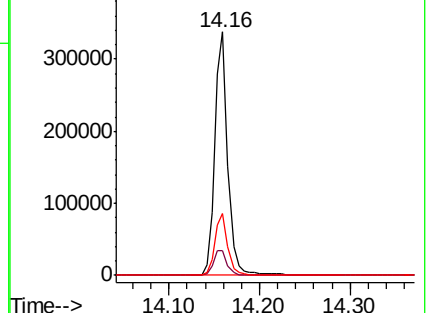
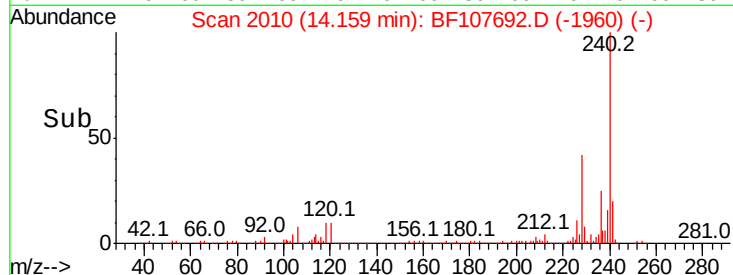
236 25.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 91.717 ng

RT: 12.85 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF107692.D

Acq: 26 Jul 2018 8:10

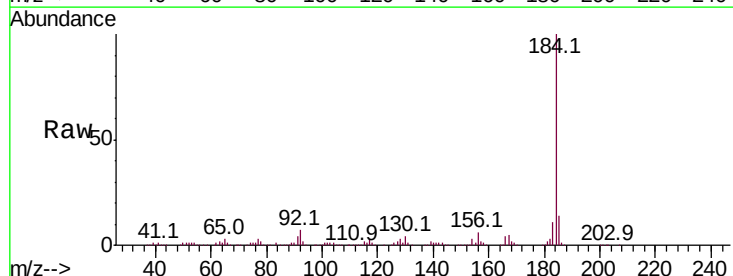
Tgt Ion:184 Resp: 894217

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

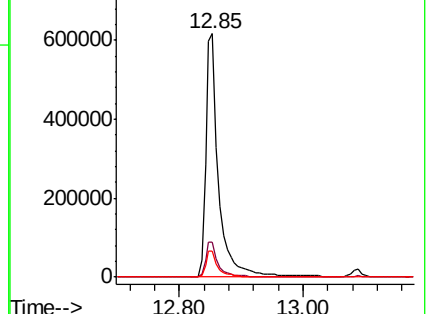
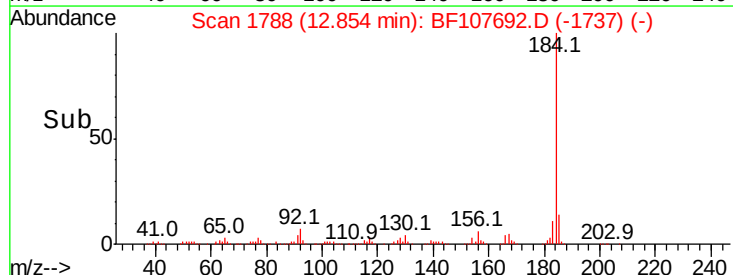
183 10.9 9.3 13.9

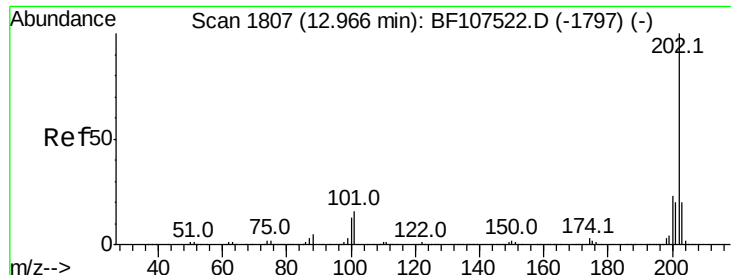


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

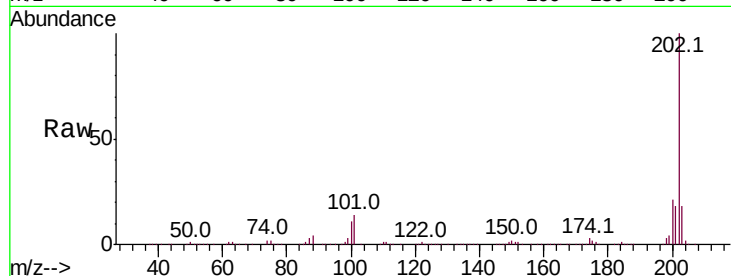




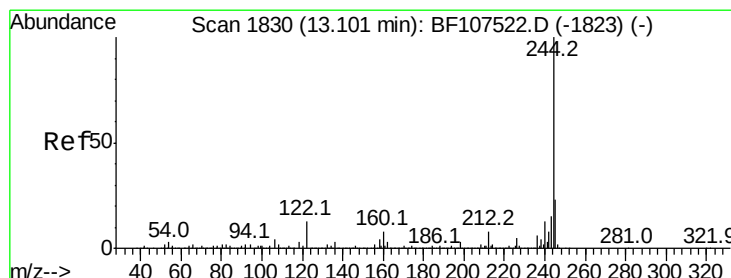
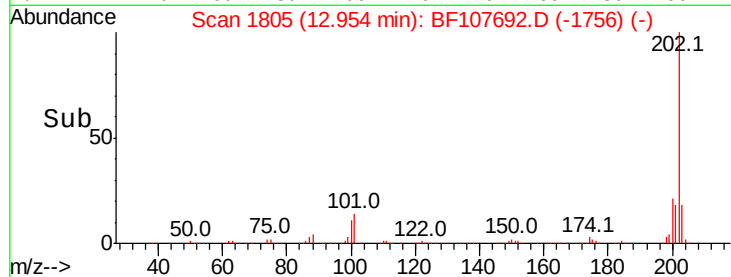
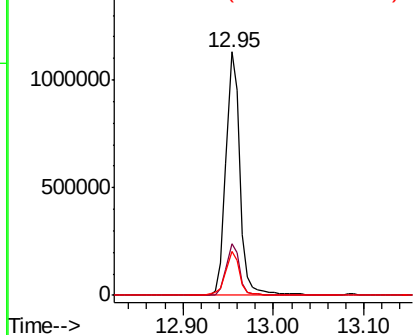
#77
Pvrene
Concen: 51.603 ng
RT: 12.95 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1194979
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 18.1 14.3 21.5

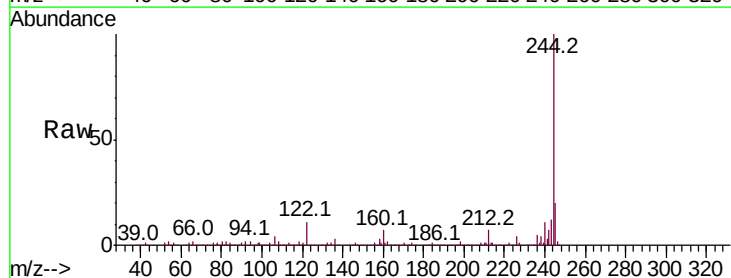


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

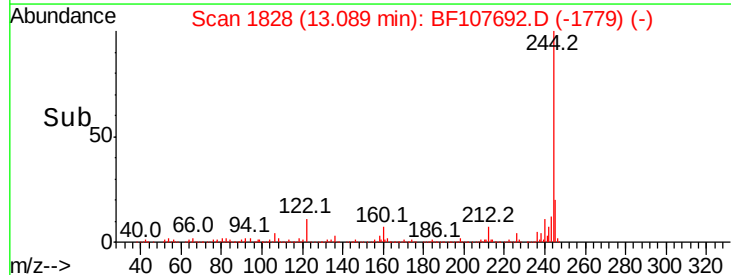
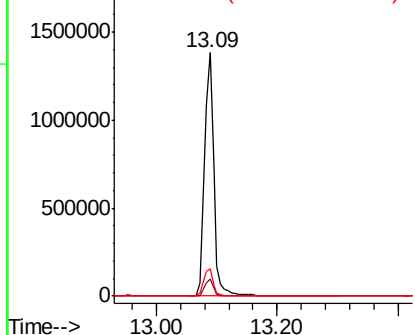


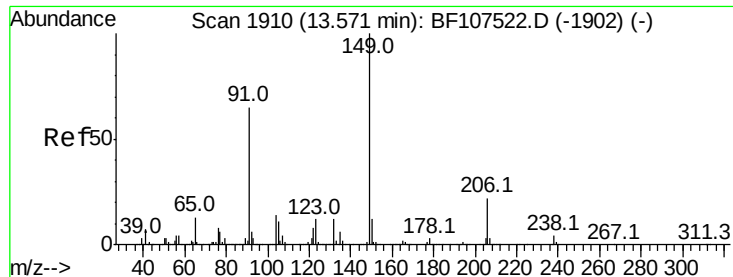
#78
Terphenyl-d14
Concen: 111.173 ng
RT: 13.09 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Tgt Ion:244 Resp: 1470184
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 11.0 11.0 16.4



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





#79

Butylbenzylphthalate

Concen: 56.626 ng

RT: 13.55 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BF107692.D

Acq: 26 Jul 2018 8:10

Instrument :

BNA_F

ClientSampleId :

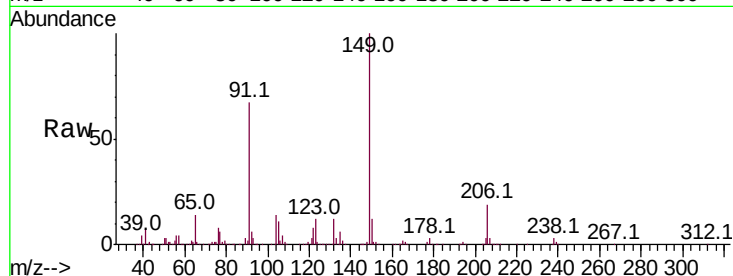
Tot Ion:149 Resp: 563932

Ion Ratio Lower Upper

149 100

91 67.2 56.8 85.2

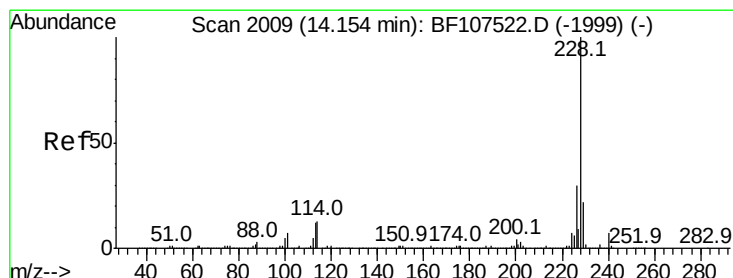
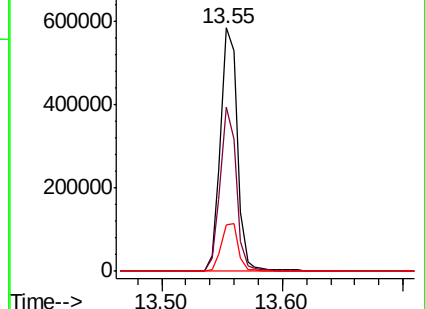
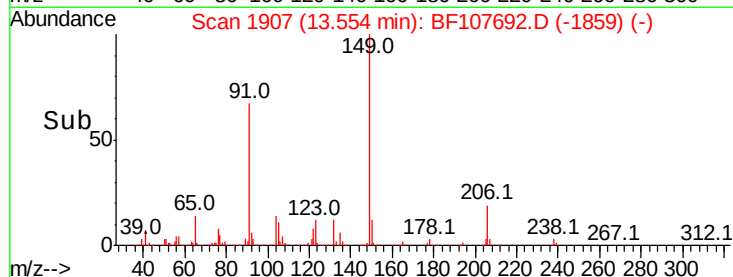
206 19.0 14.1 21.1



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: 49.332 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF107692.D

Acq: 26 Jul 2018 8:10

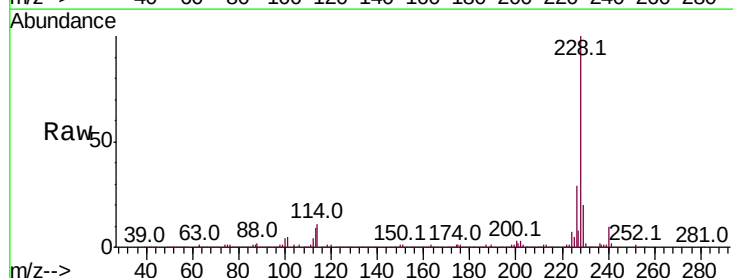
Tgt Ion:228 Resp: 978731

Ion Ratio Lower Upper

228 100

226 29.2 22.6 33.8

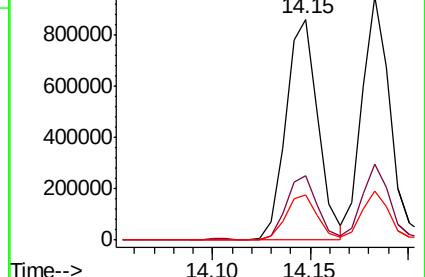
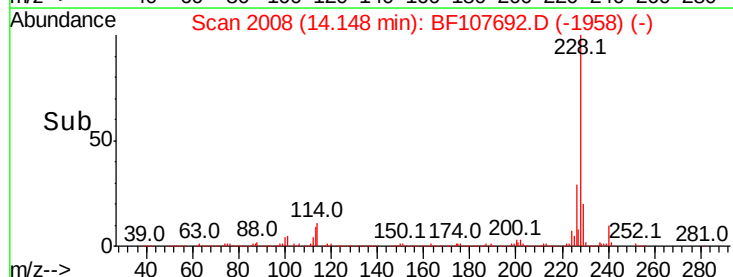
229 20.4 15.8 23.6

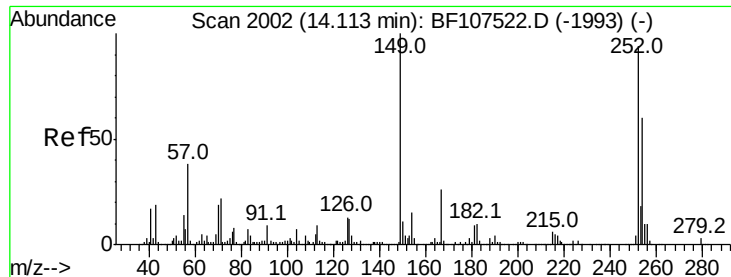


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

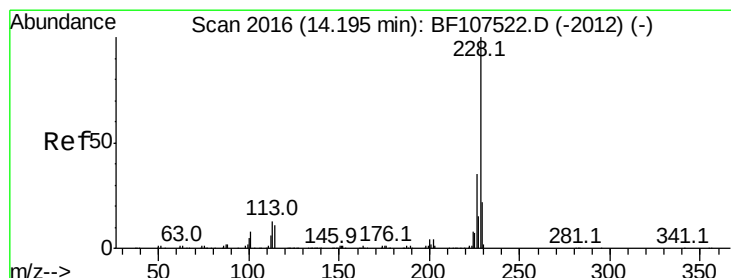
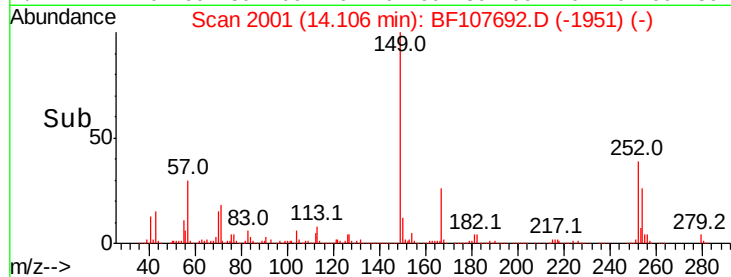
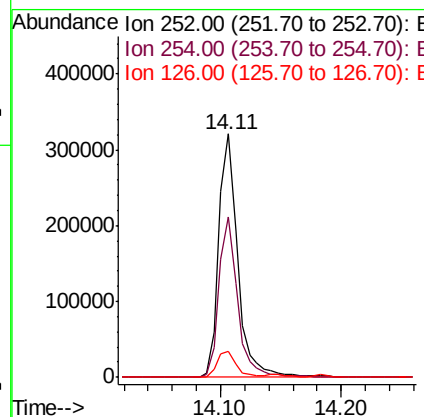
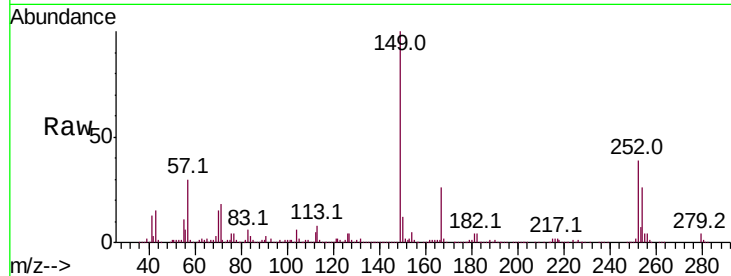




#81
 3,3'-Dichlorobenzidine
 Concen: 69.143 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF107692.D
 Acq: 26 Jul 2018 8:10

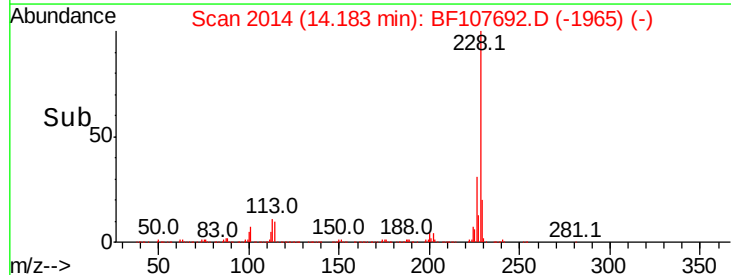
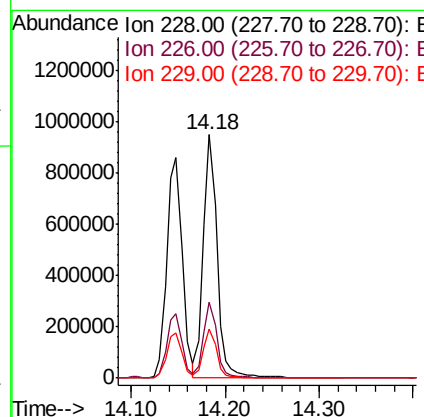
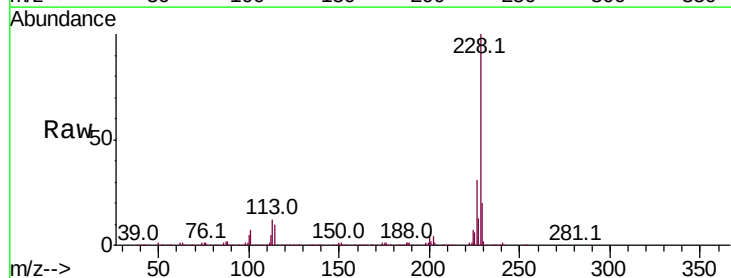
Instrument :
 BNA_F
 ClientSampleId :

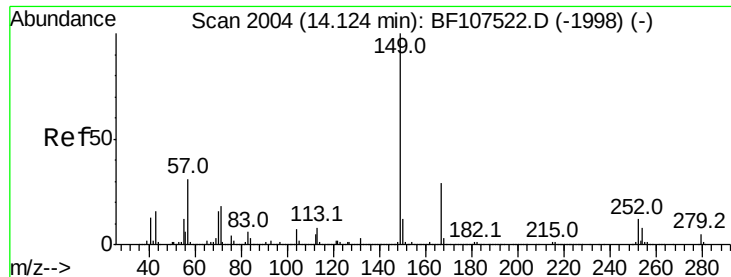
Tot Ion:252 Resp: 347606
 Ion Ratio Lower Upper
 252 100
 254 65.9 50.4 75.6
 126 10.7 11.3 16.9#



#82
 Chrysene
 Concen: 51.338 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF107692.D
 Acq: 26 Jul 2018 8:10

Tgt Ion:228 Resp: 978403
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 20.0 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.383 ng

RT: 14.11 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF107692.D

Acq: 26 Jul 2018 8:10

Instrument :

BNA_F

ClientSampleId :

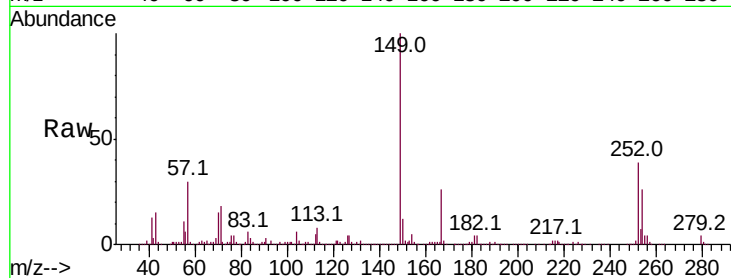
Tot Ion:149 Resp: 722034

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	3.5	3.0	4.4

149 100

167 26.5 21.3 31.9

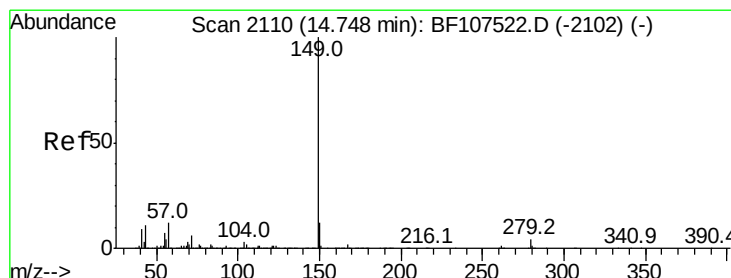
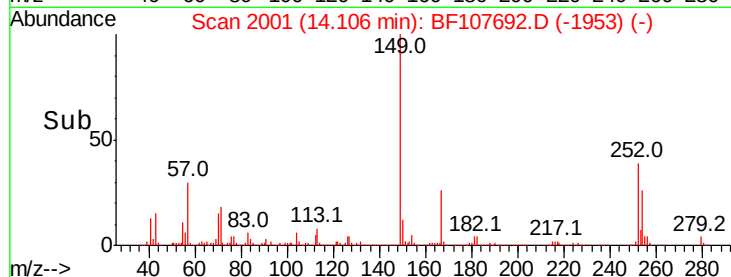
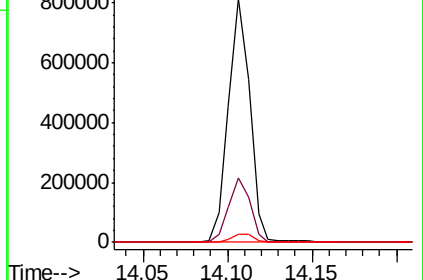
279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 55.611 ng

RT: 14.73 min Scan# 2107

Delta R.T. -0.02 min

Lab File: BF107692.D

Acq: 26 Jul 2018 8:10

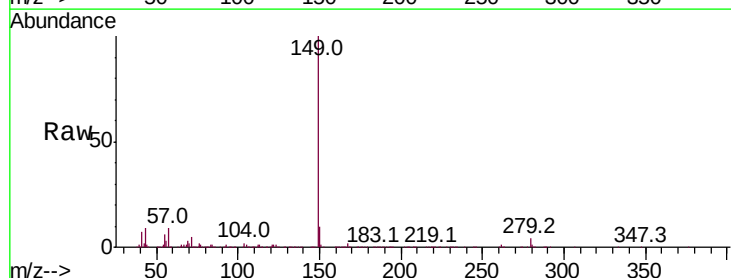
Tgt Ion:149 Resp: 1214651

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.9	8.4	12.6

149 100

167 1.6 1.2 1.8

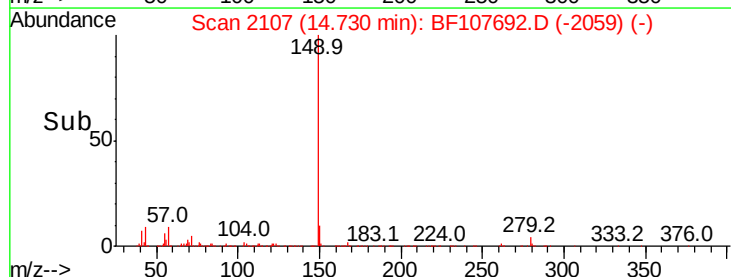
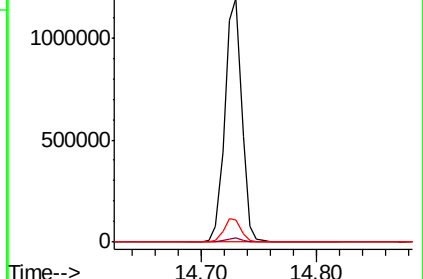
43 9.9 8.4 12.6

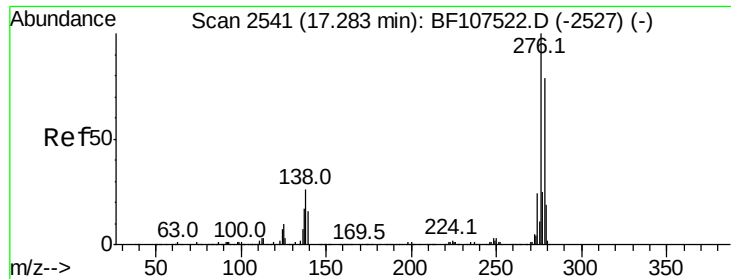


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.772 ng

RT: 17.27 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BF107692.D

Acq: 26 Jul 2018 8:10

Instrument :

BNA_F

ClientSampleId :

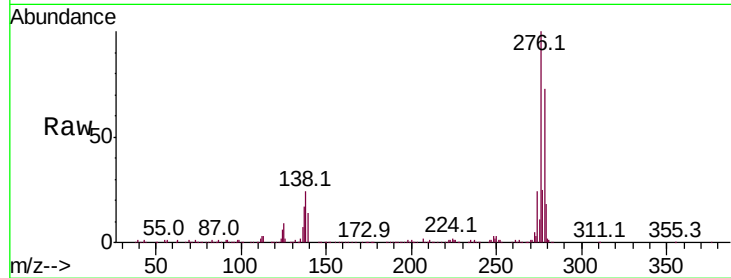
Tot Ion:276 Resp: 787779

Ion Ratio Lower Upper

276 100

138 24.3 25.0 37.6#

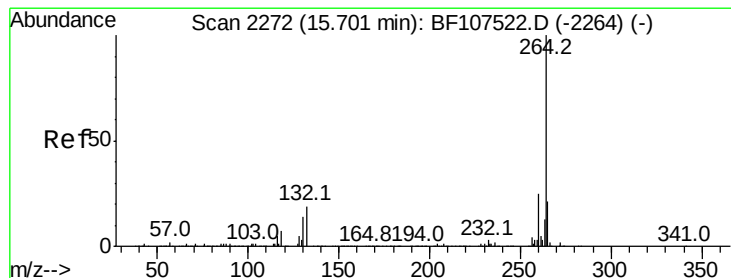
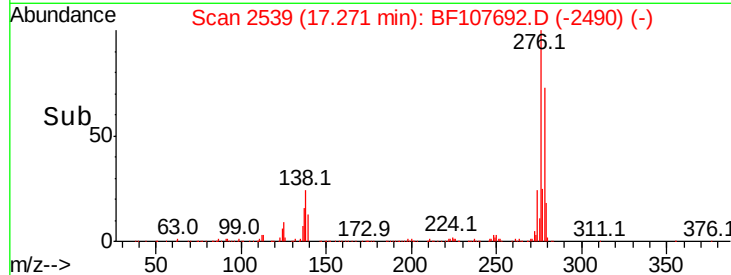
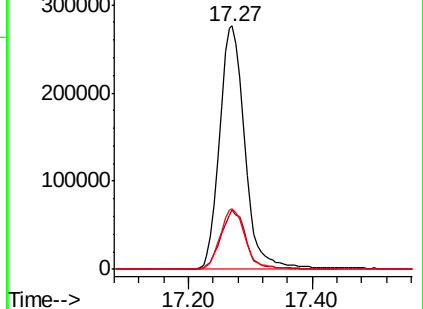
277 25.0 20.1 30.1



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: BF107692.D

Acq: 26 Jul 2018 8:10

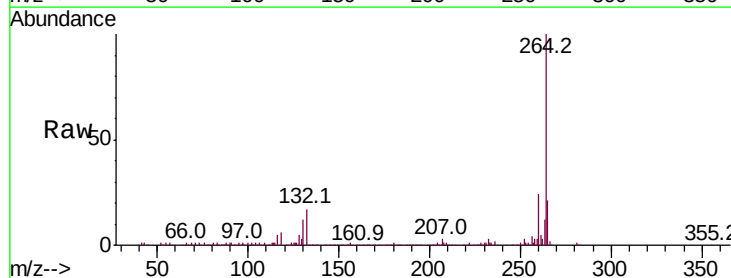
Tgt Ion:264 Resp: 290963

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

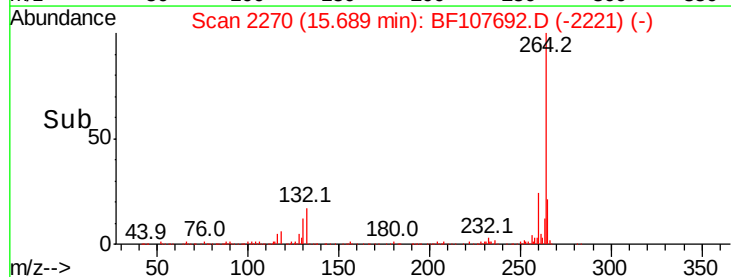
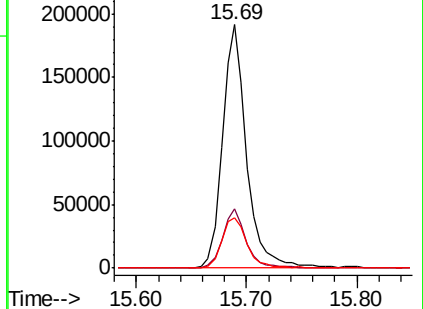
265 20.7 17.5 26.3

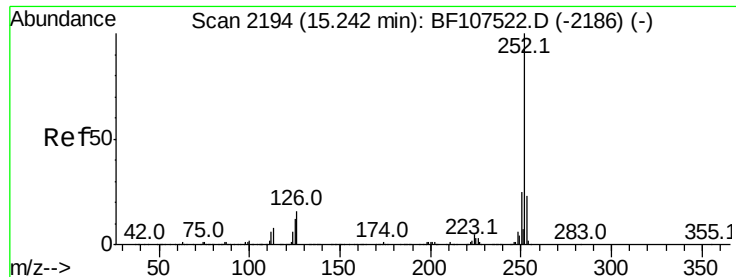


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

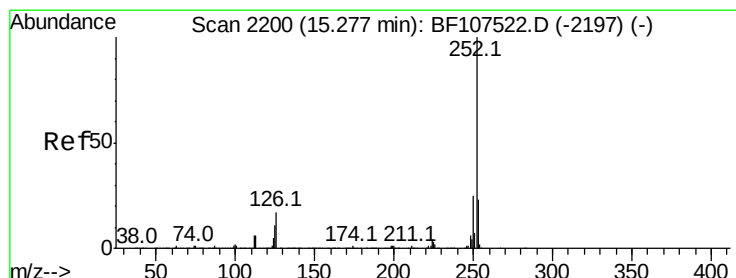
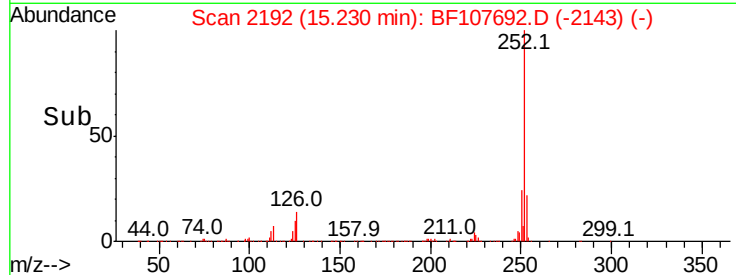
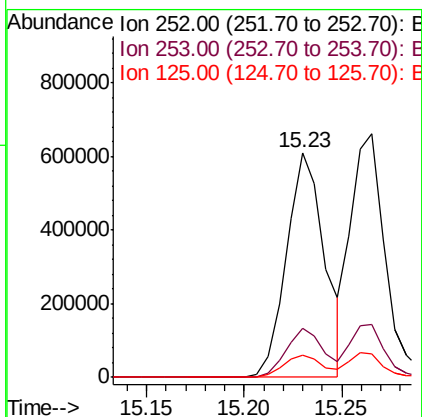
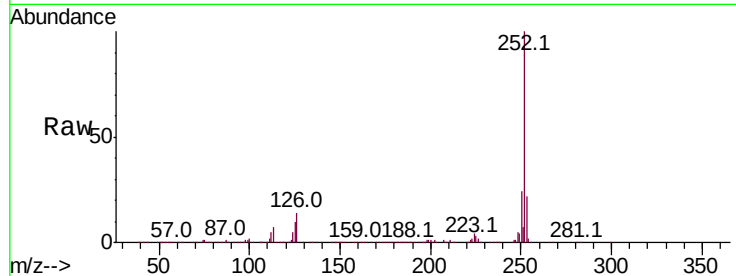




#87
Benzo(b)fluoranthene
Concen: 51.815 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

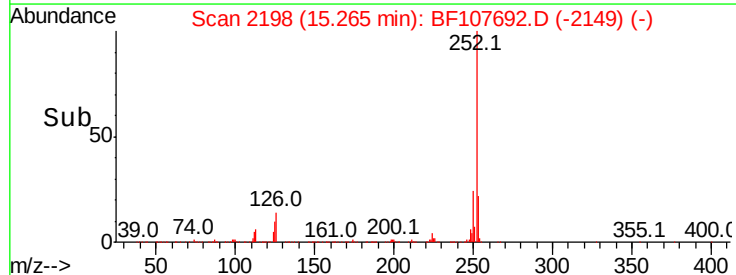
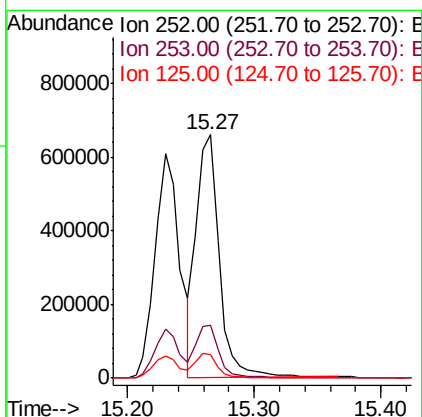
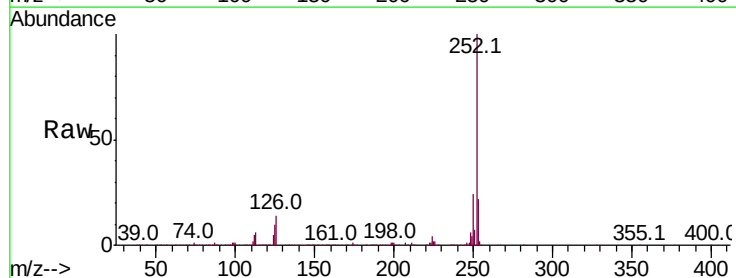
Instrument :
BNA_F
ClientSampleId :

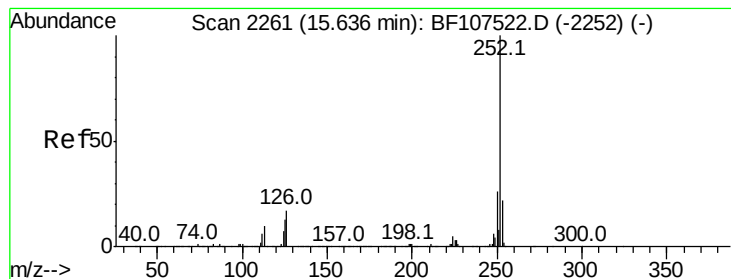
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	9.9	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 52.739 ng
RT: 15.27 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF107692.D
Acq: 26 Jul 2018 8:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	9.6	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 52.809 ng

RT: 15.62 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BF107692.D

Acq: 26 Jul 2018 8:10

Instrument :

BNA_F

ClientSampleId :

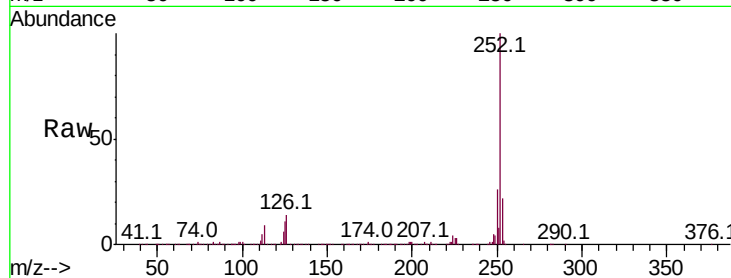
Tot Ion:252 Resp: 769228

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

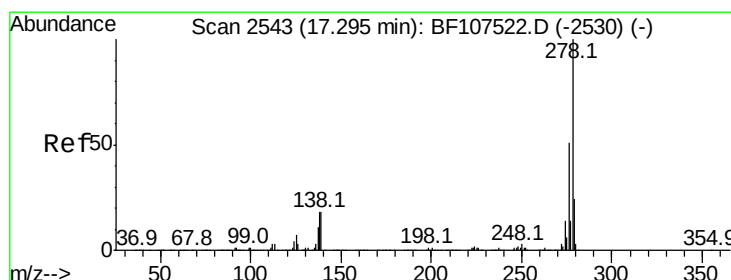
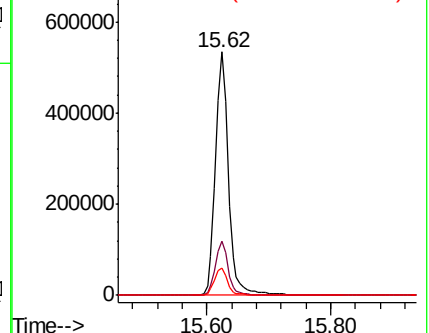
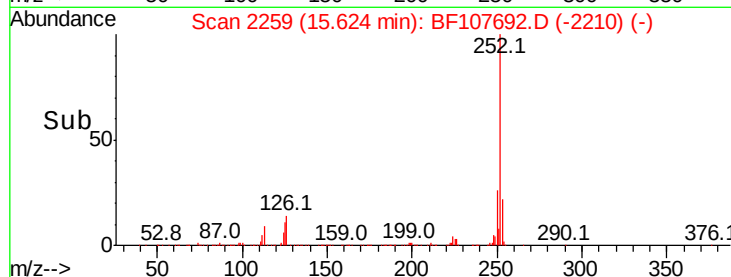
125 11.3 9.8 14.6



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: 53.441 ng

RT: 17.28 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BF107692.D

Acq: 26 Jul 2018 8:10

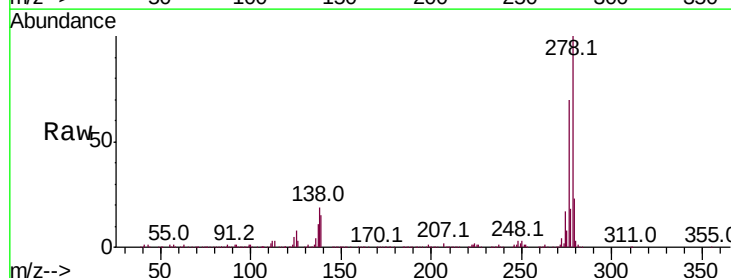
Tgt Ion:278 Resp: 672907

Ion Ratio Lower Upper

278 100

139 14.8 15.9 23.9#

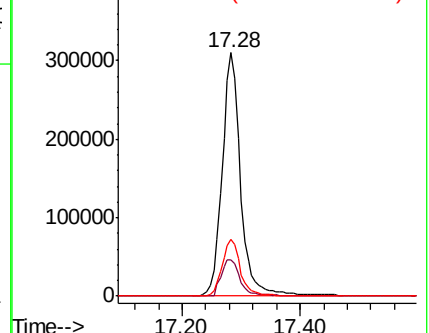
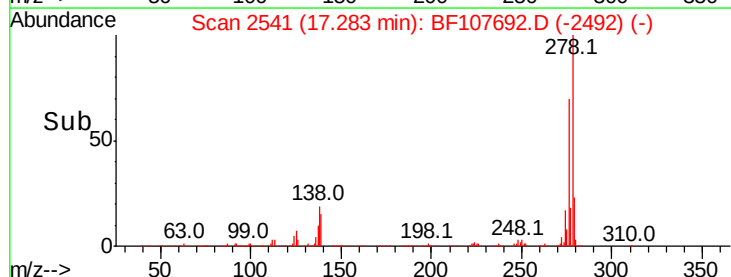
279 23.3 19.0 28.4

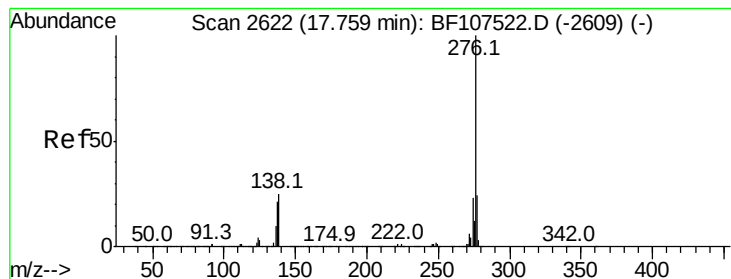


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 50.576 ng

RT: 17.75 min Scan# 2620

Delta R.T. -0.01 min

Lab File: BF107692.D

Acq: 26 Jul 2018 8:10

Instrument :

BNA_F

ClientSampleId :

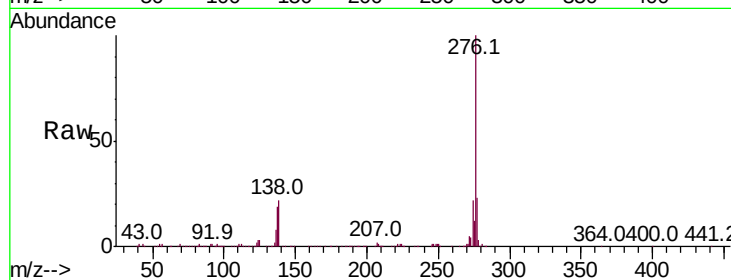
Tot Ion:276 Resp: 628164

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 22.2 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

