

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
 Data File : BF107743.D
 Acq On : 27 Jul 2018 13:56
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 17:07:23 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	199890	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	832828	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	384043	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	781387	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	589018	20.00	ng	-0.02
86) Perylene-d12	15.68	264	491784	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	891046	71.67	ng	-0.01
7) Phenol-d6	6.61	99	1128030	75.56	ng	0.00
23) Nitrobenzene-d5	7.54	82	1142314	92.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	418472	95.82	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	2223847	106.00	ng	-0.02
78) Terphenyl-d14	13.08	244	2078081	90.32	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	196686	33.990	ng	# 84
3) Pyridine	3.63	79	436209	27.709	ng	# 82
4) n-Nitrosodimethylamine	3.60	42	135790	20.452	ng	# 99
6) Aniline	6.64	93	647725	33.641	ng	# 77
8) 2-Chlorophenol	6.75	128	551964	41.440	ng	# 95
9) Benzaldehyde	6.52	77	367909	41.164	ng	# 94
10) Phenol	6.62	94	606968	34.572	ng	# 92
11) bis(2-Chloroethyl)ether	6.70	93	596855	41.006	ng	# 96
12) 1,3-Dichlorobenzene	6.90	146	588826	38.991	ng	# 97
13) 1,4-Dichlorobenzene	6.98	146	677556	43.775	ng	# 98
14) 1,2-Dichlorobenzene	7.13	146	609058	43.848	ng	# 99
15) Benzyl Alcohol	7.11	79	391868	38.517	ng	# 95
16) 2,2'-oxybis(1-Chloropropan	7.23	45	868233	35.358	ng	# 71
17) 2-Methylphenol	7.22	107	436057	38.518	ng	# 86
18) Hexachloroethane	7.47	117	224692	41.388	ng	# 97
19) n-Nitroso-di-n-propylamine	7.37	70	375063	38.892	ng	# 97
20) 3+4-Methylphenols	7.38	107	498915	37.114	ng	# 56
22) Acetophenone	7.38	105	762650	38.992	ng	# 90
24) Nitrobenzene	7.55	77	598539	42.346	ng	# 98
25) Isophorone	7.78	82	925072	35.108	ng	# 98
26) 2-Nitrophenol	7.87	139	323589	54.213	ng	# 99
27) 2,4-Dimethylphenol	7.90	122	402562	35.630	ng	# 99
28) bis(2-Chloroethoxy)methane	7.99	93	643727	36.557	ng	# 99
29) 2,4-Dichlorophenol	8.11	162	479822	41.550	ng	# 98
30) 1,2,4-Trichlorobenzene	8.18	180	532392	41.047	ng	# 98
31) Naphthalene	8.27	128	1596407	43.590	ng	# 99
32) Benzoic acid	8.04	122	182406	27.219	ng	# 97
33) 4-Chloroaniline	8.32	127	685179	42.805	ng	# 98
34) Hexachlorobutadiene	8.37	225	314550	40.813	ng	# 98
35) Caprolactam	8.71	113	134049	35.688	ng	# 84
36) 4-Chloro-3-methylphenol	8.81	107	520107	40.545	ng	# 98
37) 2-Methylnaphthalene	8.96	142	1015158	40.001	ng	# 100
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	549929	42.932	ng	# 97
40) Hexachlorocyclopentadiene	9.10	237	239412	36.767	ng	# 95

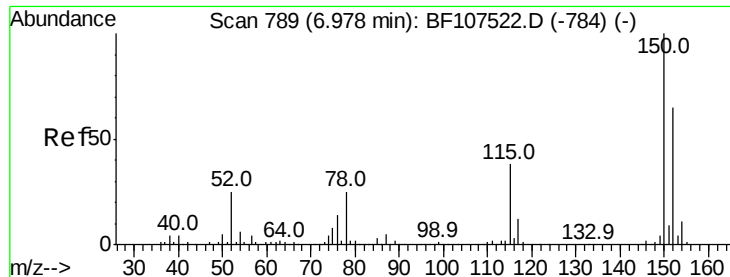
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
 Data File : BF107743.D
 Acq On : 27 Jul 2018 13:56
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 17:07:23 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)
42) 2,4,6-Trichlorophenol	9.24	196	331156	40.389	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	393240	45.890	ng	94
45) 1,1'-Biphenyl	9.42	154	1407185	42.062	ng	98
46) 2-Chloronaphthalene	9.45	162	1056447	41.313	ng	97
47) 2-Nitroaniline	9.56	65	354053	47.492	ng	93
48) Acenaphthylene	9.87	152	1557314	40.540	ng	100
49) Dimethylphthalate	9.72	163	1141376	39.434	ng	99
50) 2,6-Dinitrotoluene	9.80	165	257864	44.873	ng	93
51) Acenaphthene	10.04	154	889348	36.951	ng	99
52) 3-Nitroaniline	9.98	138	315981	45.198	ng	93
53) 2,4-Dinitrophenol	10.08	184	119127	53.605	ng	# 34
54) Dibenzofuran	10.21	168	1418267	40.026	ng	98
55) 4-Nitrophenol	10.15	139	146577	28.004	ng	93
56) 2,4-Dinitrotoluene	10.20	165	331205	47.747	ng	94
57) Fluorene	10.55	166	1076681	42.592	ng	94
58) 2,3,4,6-Tetrachlorophenol	10.33	232	307948	43.180	ng	89
59) Diethylphthalate	10.42	149	1177389	38.949	ng	97
60) 4-Chlorophenyl-phenylether	10.54	204	587408	41.104	ng	93
61) 4-Nitroaniline	10.60	138	283898	48.335	ng	94
62) Azobenzene	10.71	77	1101084	38.845	ng	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	184767	48.804	ng	89
65) n-Nitrosodiphenylamine	10.67	169	1012280	38.145	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	355151	38.611	ng	# 88
67) Hexachlorobenzene	11.10	284	406124	40.128	ng	# 88
68) Atrazine	11.19	200	300967	37.145	ng	97
69) Pentachlorophenol	11.30	266	244680	38.705	ng	99
70) Phenanthrene	11.52	178	1447490	38.015	ng	99
71) Anthracene	11.58	178	1644589	42.897	ng	99
72) Carbazole	11.74	167	1666471	41.801	ng	99
73) Di-n-butylphthalate	12.04	149	1766512	42.313	ng	99
74) Fluoranthene	12.71	202	1663793	40.720	ng	98
76) Benzidine	12.84	184	723716	42.665	ng	99
77) Pyrene	12.95	202	1642912	40.778	ng	99
79) Butylbenzylphthalate	13.55	149	740033	42.711	ng	92
80) Benzo(a)anthracene	14.14	228	1317872	38.180	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	488678	49.004	ng	# 97
82) Chrysene	14.18	228	1363325	41.117	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	896117	36.654	ng	100
84) Di-n-octyl phthalate	14.72	149	1498940	39.445	ng	98
85) Indeno(1,2,3-cd)pyrene	17.25	276	947204	33.706	ng	# 92
87) Benzo(b)fluoranthene	15.22	252	1030091	38.272	ng	97
88) Benzo(k)fluoranthene	15.22	252	1030091	39.064	ng	98
89) Benzo(a)pyrene	15.61	252	973502	39.541	ng	97
90) Dibenzo(a,h)anthracene	17.27	278	805939	37.869	ng	# 95
91) Benzo(g,h,i)perylene	17.73	276	782007	37.252	ng	# 91

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

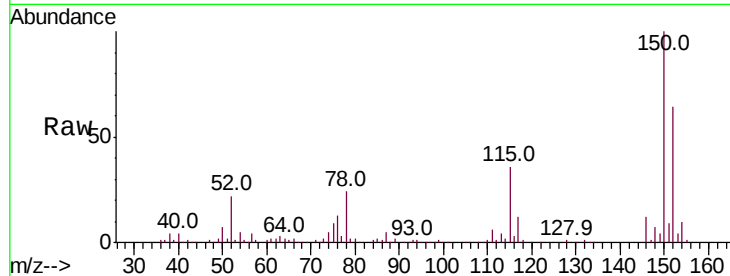


#1

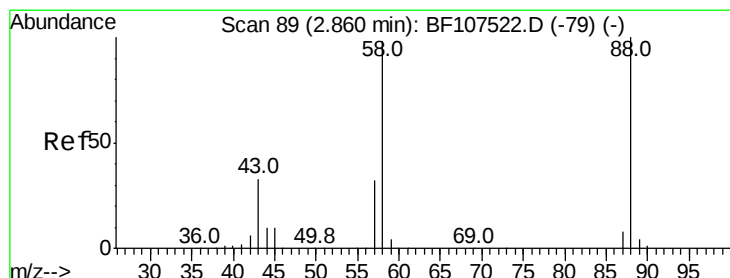
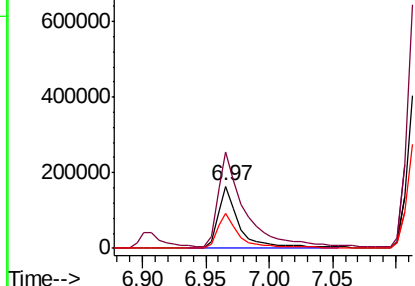
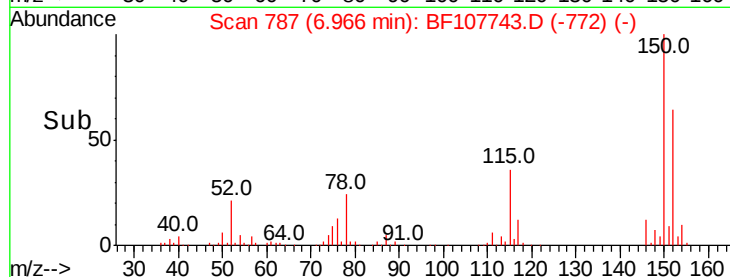
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 199890
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 56.7 50.1 75.1



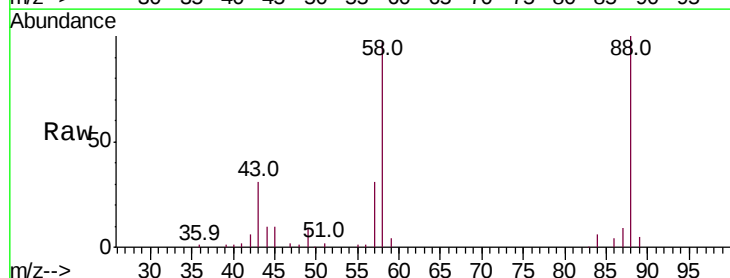
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



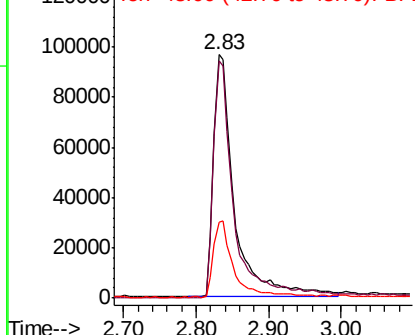
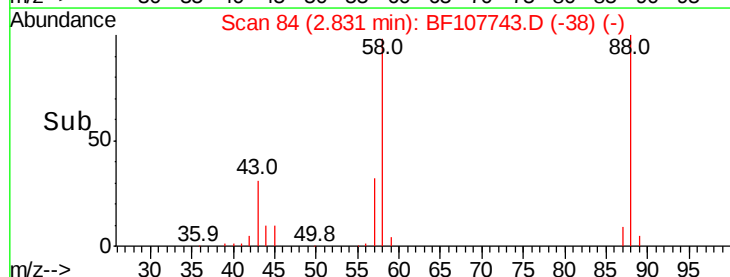
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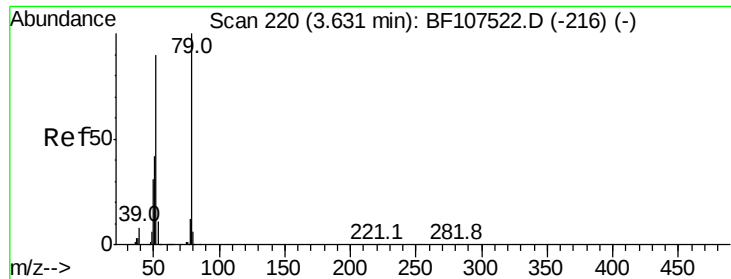
1,4-Dioxane
Concen: 33.990 ng
RT: 2.83 min Scan# 84
Delta R.T. -0.03 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Tgt Ion: 88 Resp: 196686
Ion Ratio Lower Upper
88 100
58 96.7 62.6 93.8#
43 32.2 24.6 37.0



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





#3

Pvridine

Concen: 27.709 ng

RT: 3.63 min Scan# 219

Delta R.T. -0.01 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

Instrument :

BNA_F

ClientSampled :

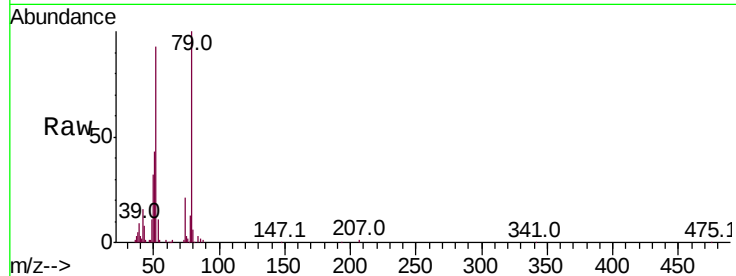
Tot Ion: 79 Resp: 436209

Ion Ratio Lower Upper

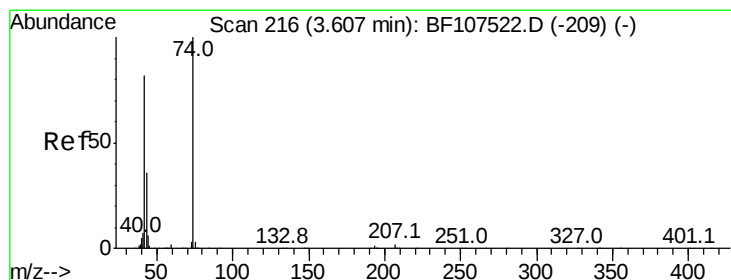
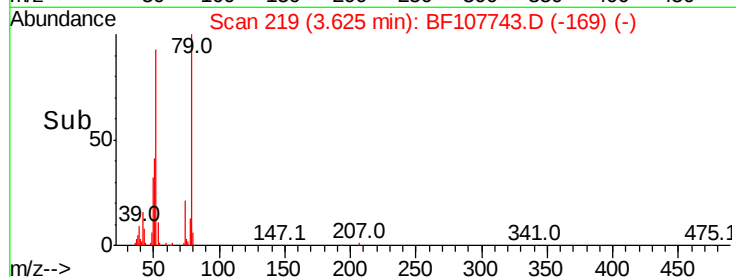
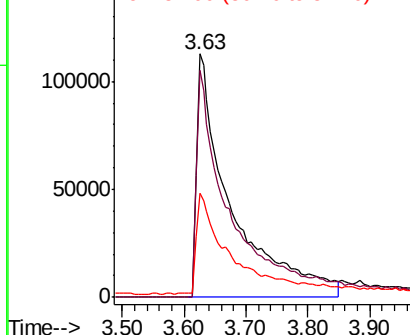
79 100

52 93.3 59.8 89.6#

51 42.9 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 20.452 ng

RT: 3.60 min Scan# 215

Delta R.T. -0.01 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

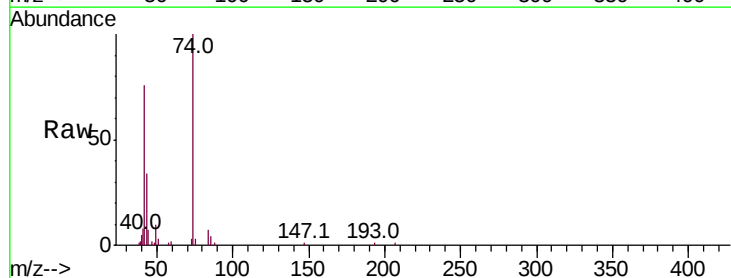
Tgt Ion: 42 Resp: 135790

Ion Ratio Lower Upper

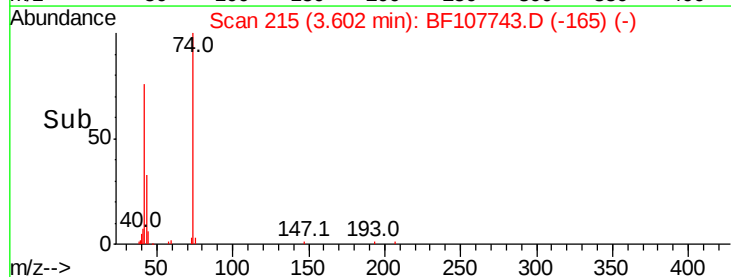
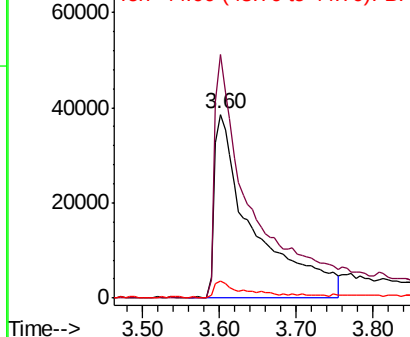
42 100

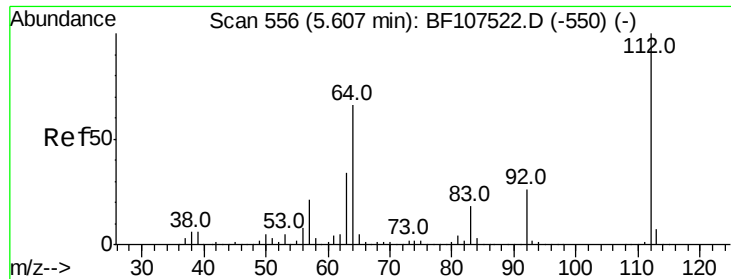
74 132.4 104.9 157.3

44 9.3 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: 71.671 ng

RT: 5.60 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

Instrument :

BNA_F

ClientSampleId :

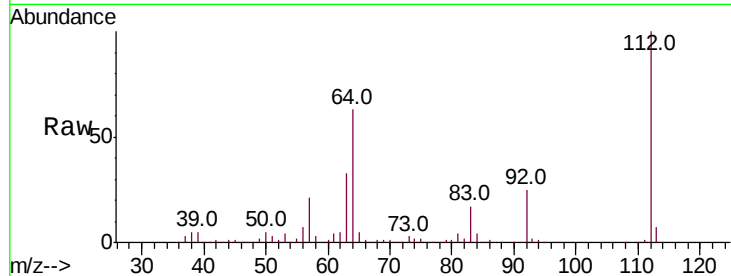
Tot Ion:112 Resp: 891046

Ion Ratio Lower Upper

112 100

64 62.9 47.9 71.9

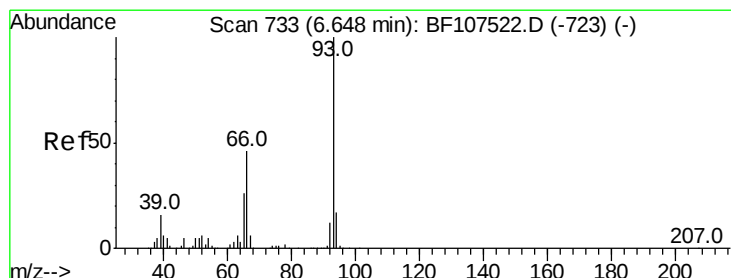
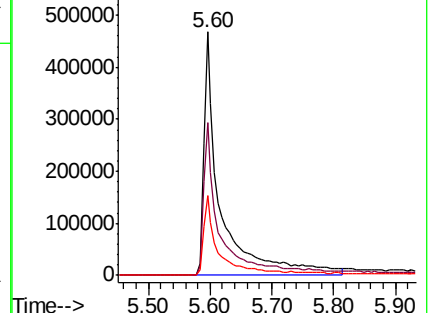
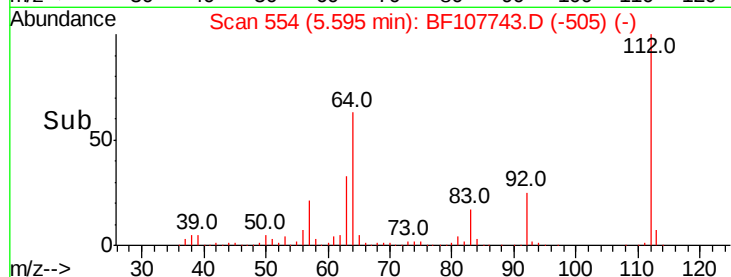
63 32.8 23.7 35.5



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: 33.641 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

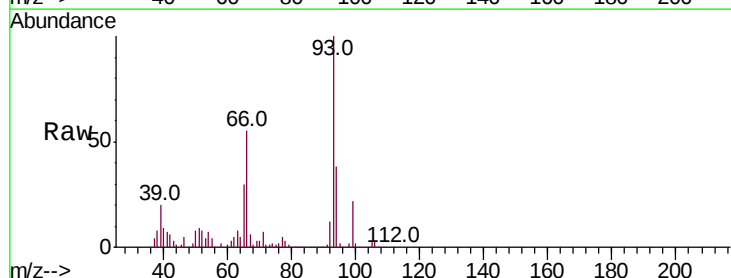
Tgt Ion: 93 Resp: 647725

Ion Ratio Lower Upper

93 100

66 55.1 32.2 48.2#

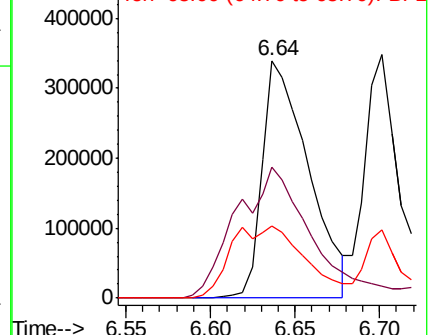
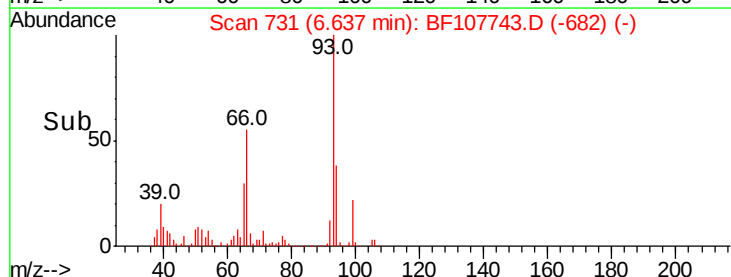
65 30.4 16.4 24.6#

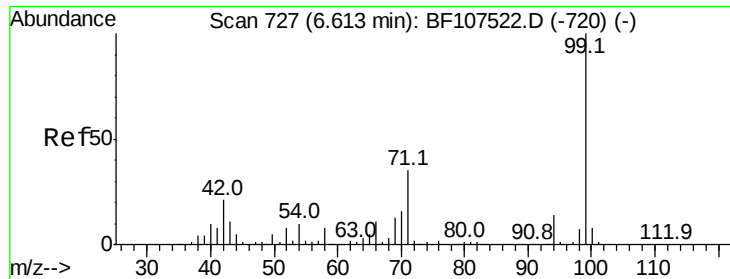


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.564 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

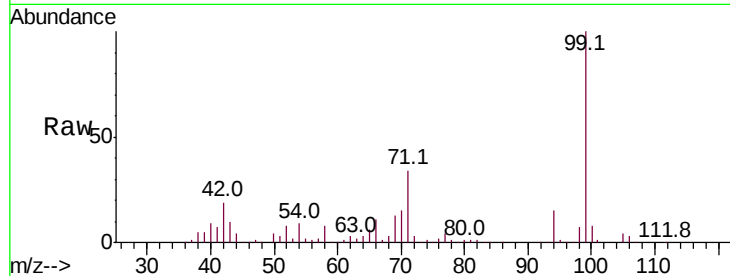
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1128030

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	34.2	25.4	38.0

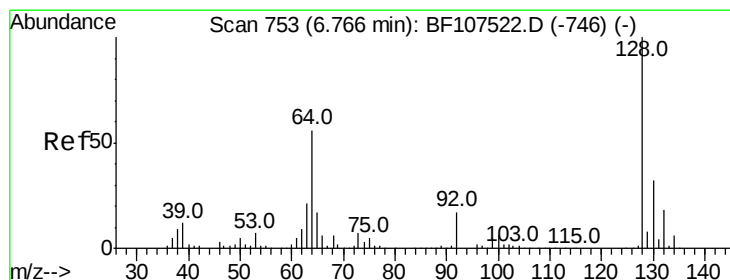
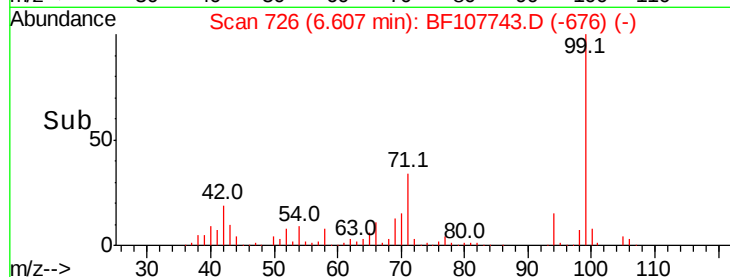
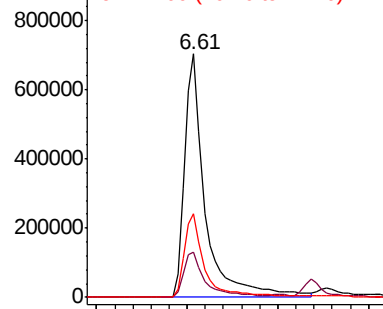


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.440 ng

RT: 6.75 min Scan# 751

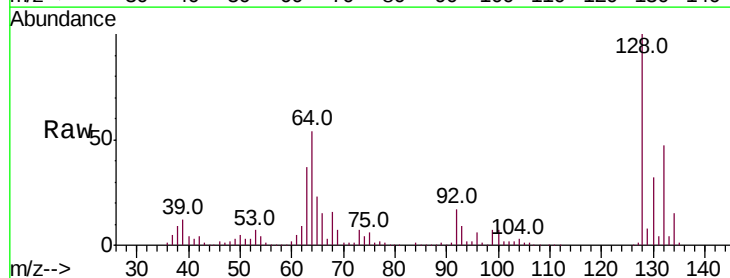
Delta R.T. -0.01 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

Tgt Ion: 128 Resp: 551964

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.0	53.0
64	54.1	29.4	69.4

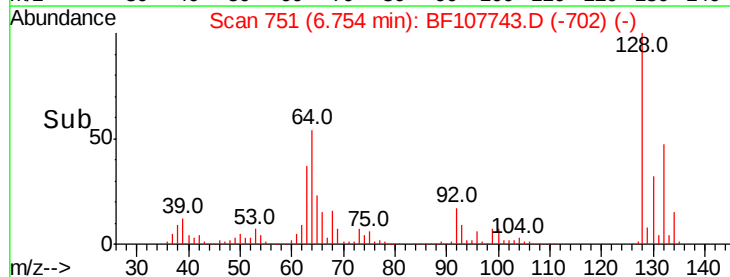
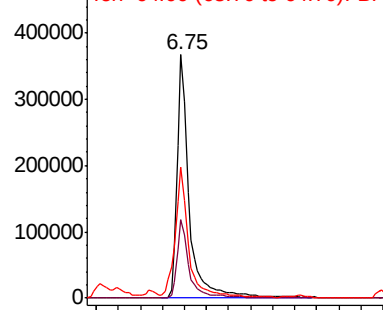


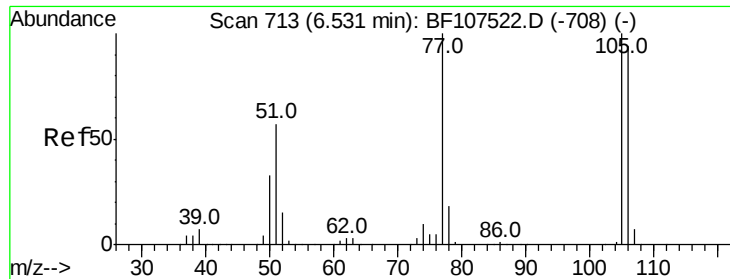
Abundance

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: 41.164 ng

RT: 6.52 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

Instrument :

BNA_F

ClientSampleId :

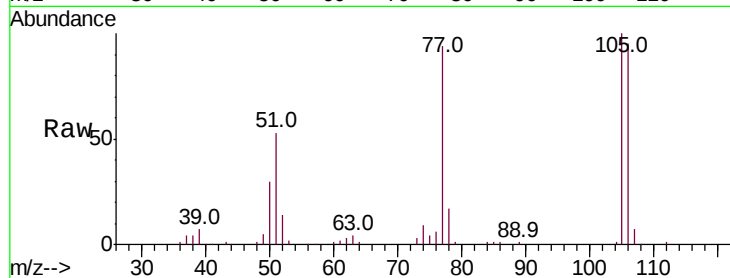
Tot Ion: 77 Resp: 367909

Ion Ratio Lower Upper

77 100

105 105.9 81.1 121.1

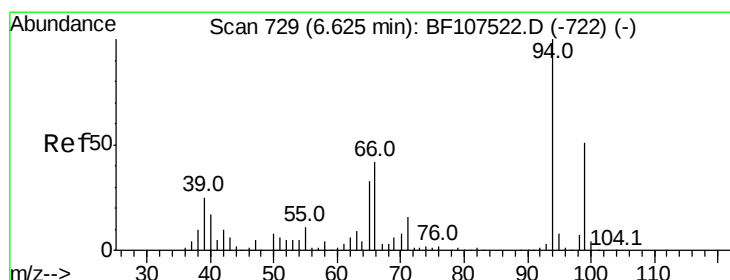
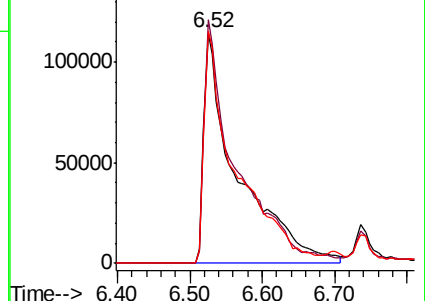
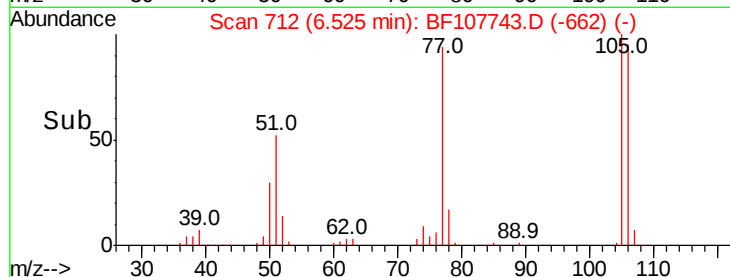
106 100.9 74.5 114.5



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: 34.572 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

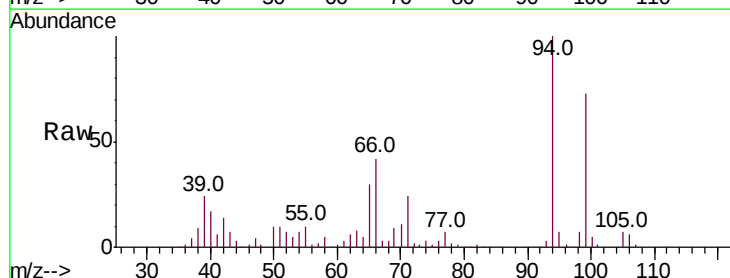
Tgt Ion: 94 Resp: 606968

Ion Ratio Lower Upper

94 100

65 30.1 7.9 47.9

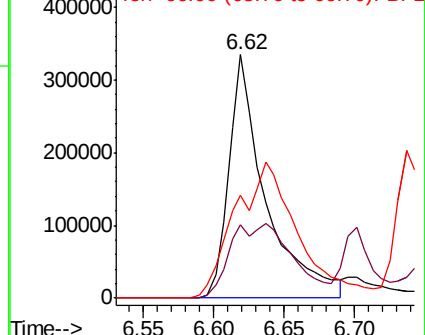
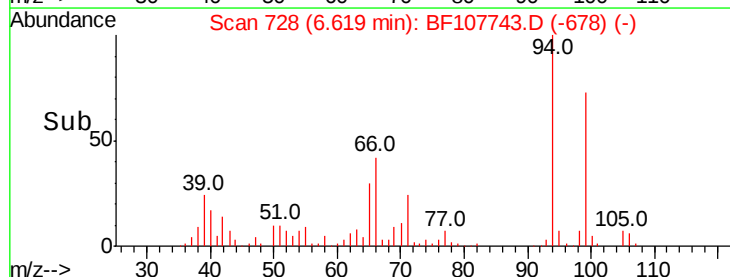
66 42.3 16.2 56.2

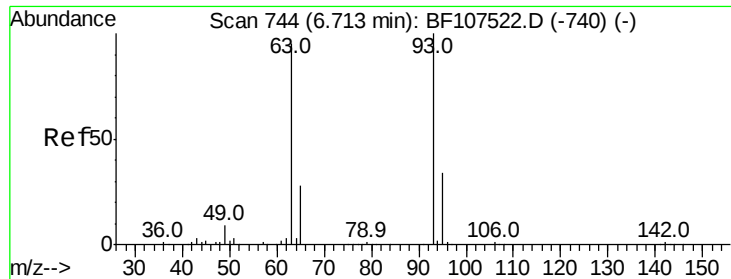


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

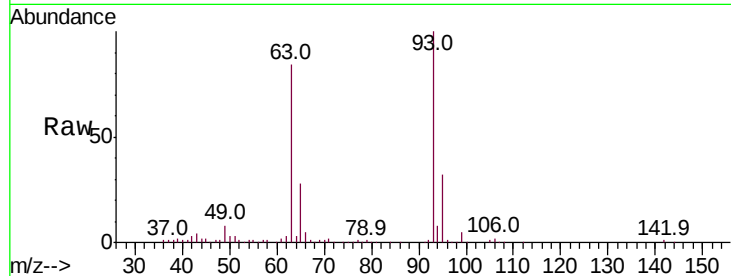




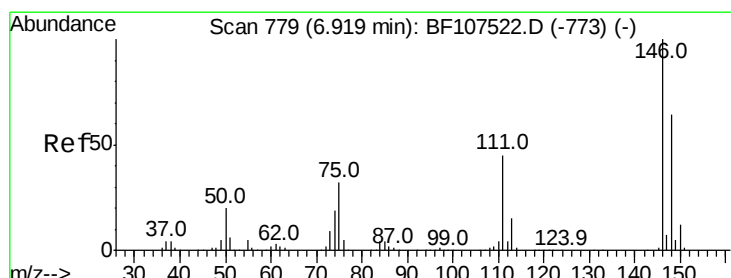
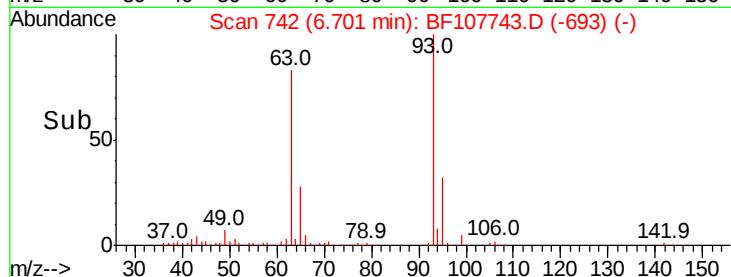
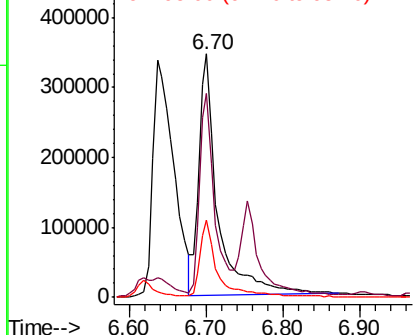
#11
bis(2-Chloroethyl)ether
Concen: 41.006 ng
RT: 6.70 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 596855
Ion Ratio Lower Upper
93 100
63 83.6 58.6 98.6
95 31.8 11.8 51.8

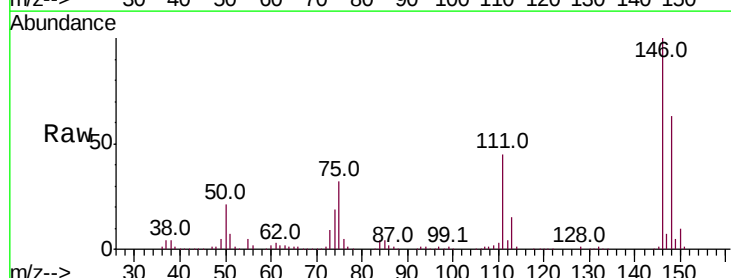


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

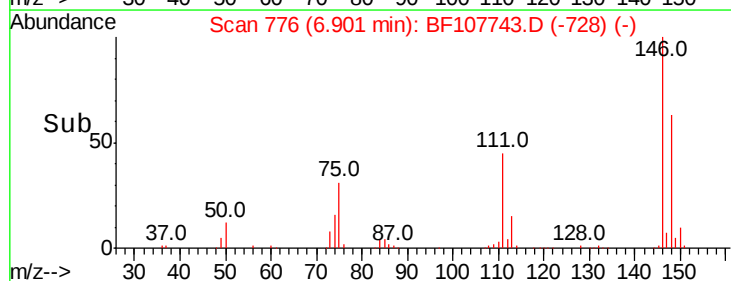
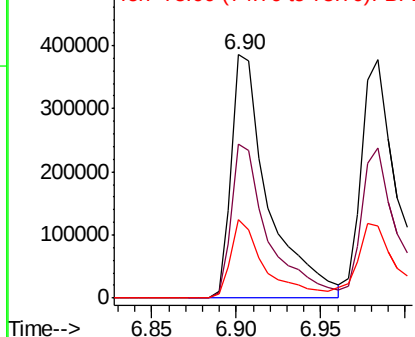


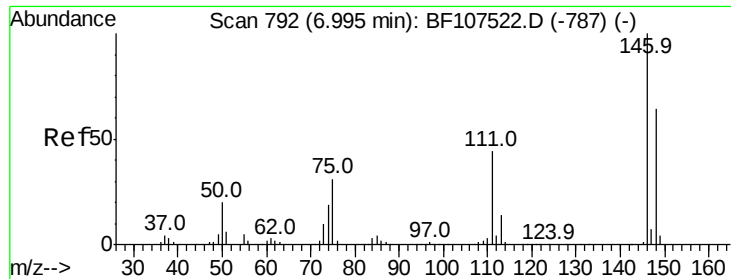
#12
1,3-Dichlorobenzene
Concen: 38.991 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.02 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Tgt Ion: 146 Resp: 588826
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.8
75 32.3 24.2 36.4



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

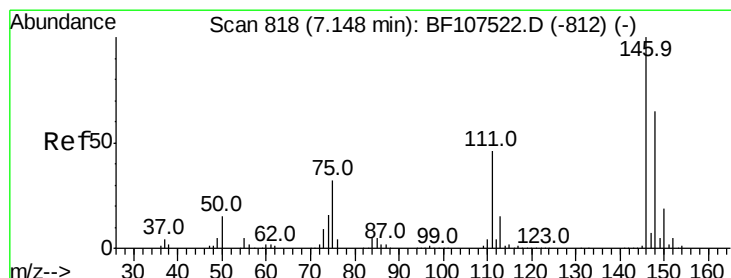
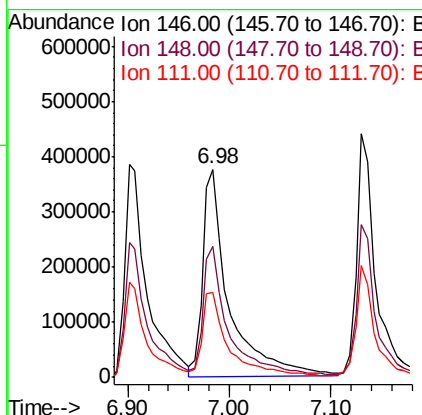
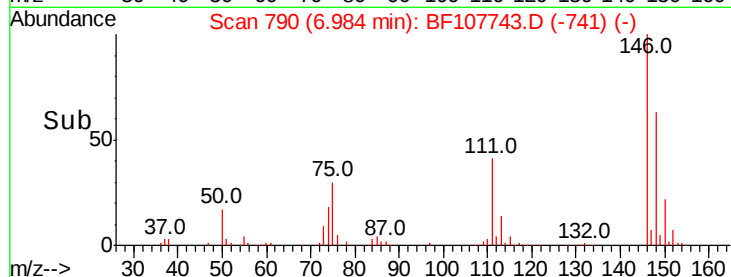
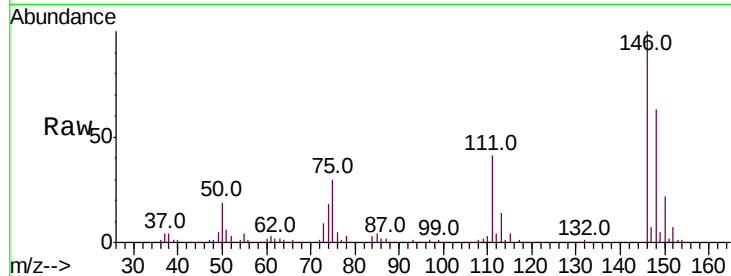




#13
 1,4-Dichlorobenzene
 Concen: 43.775 ng
 RT: 6.98 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF107743.D
 Acq: 27 Jul 2018 13:56

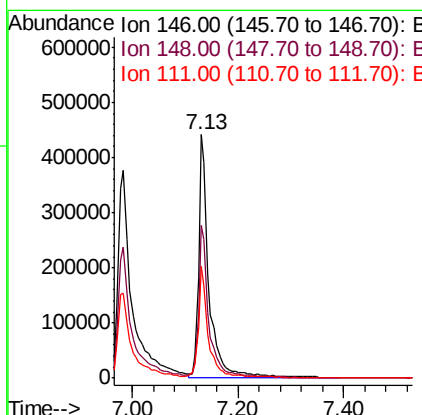
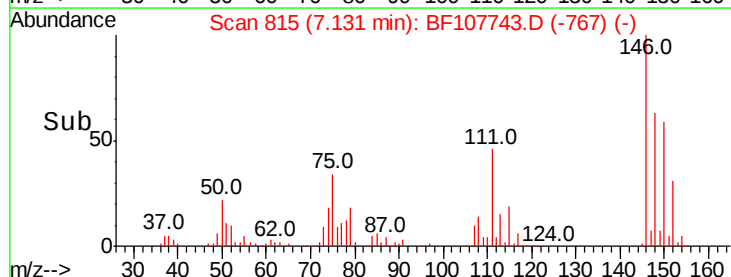
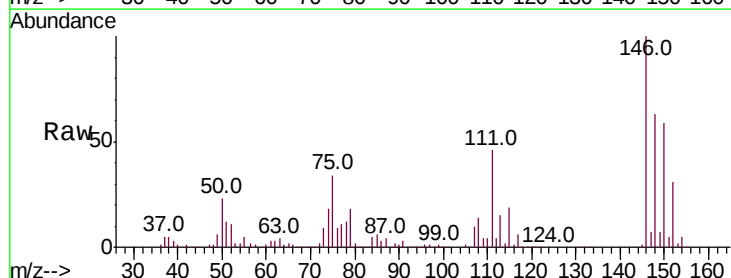
Instrument :
 BNA_F
 ClientSampled :

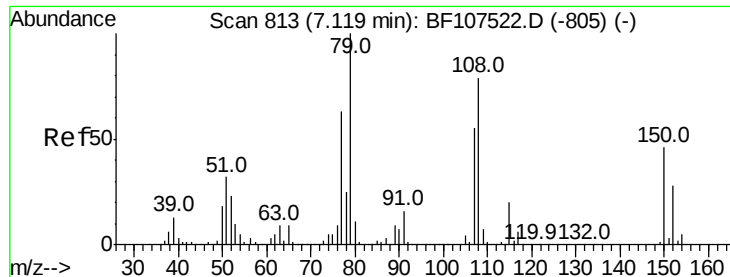
Tot Ion:146 Resp: 677556
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.8 76.2
 111 41.0 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 43.848 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF107743.D
 Acq: 27 Jul 2018 13:56

Tgt Ion:146 Resp: 609058
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.6 75.8
 111 45.8 36.0 54.0

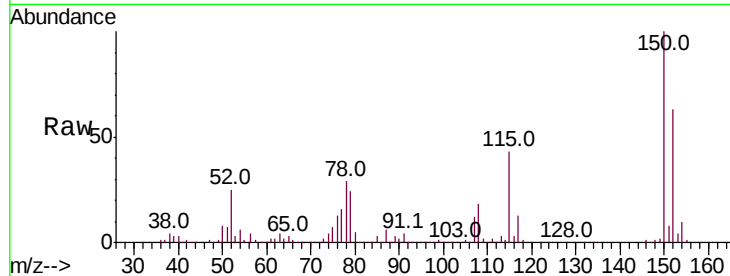




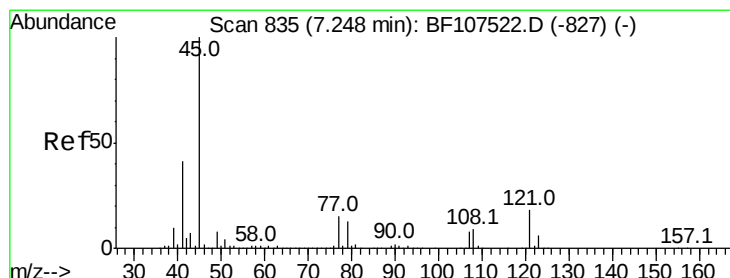
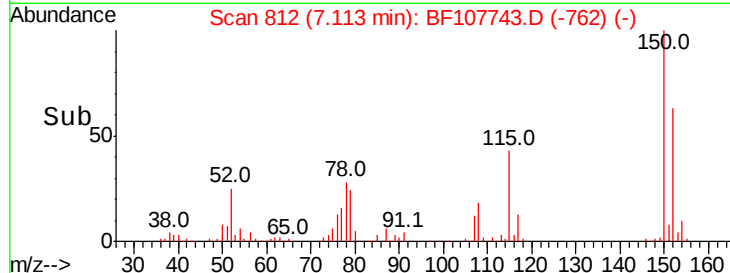
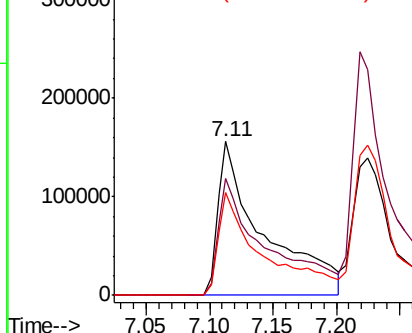
#15
Benzyl Alcohol
Concen: 38.517 ng
RT: 7.11 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 391868
Ion Ratio Lower Upper
79 100
108 75.9 65.1 97.7
77 66.6 50.6 75.8

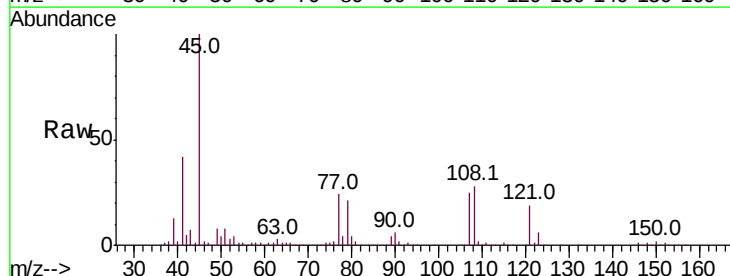


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

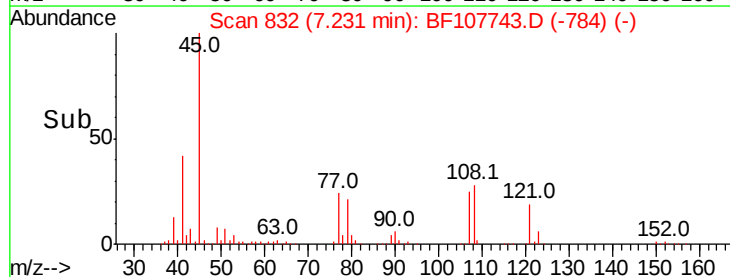
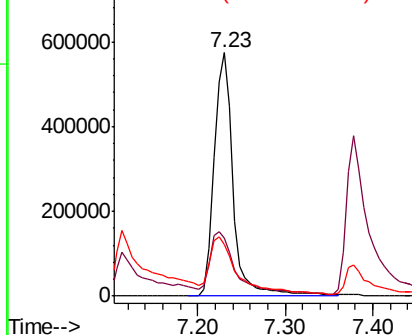


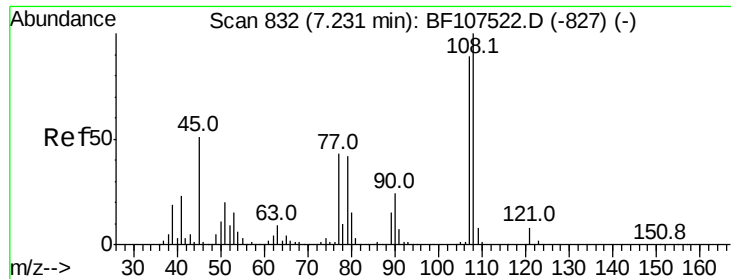
#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.358 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Tgt Ion: 45 Resp: 868233
Ion Ratio Lower Upper
45 100
77 23.8 0.0 32.9
79 21.3 0.0 29.6



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

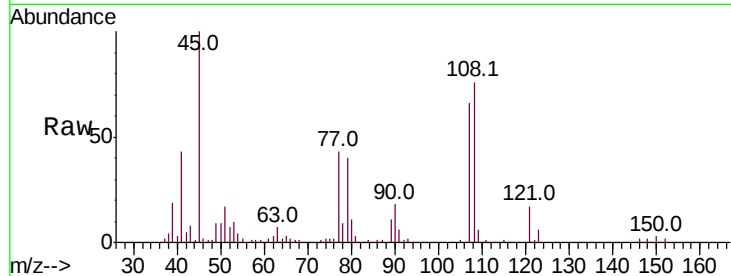




#17
2-Methylphenol
Concen: 38.518 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.7	137.5
77	65.5	33.8	50.8#
79	60.2	33.8	50.8#



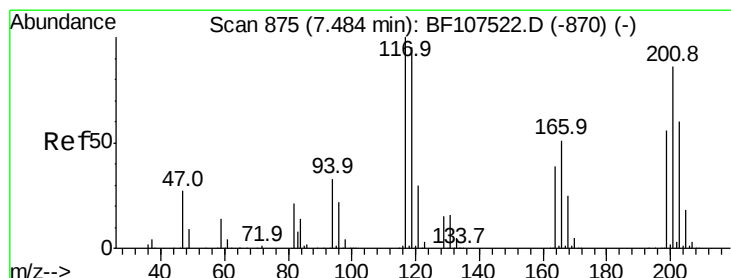
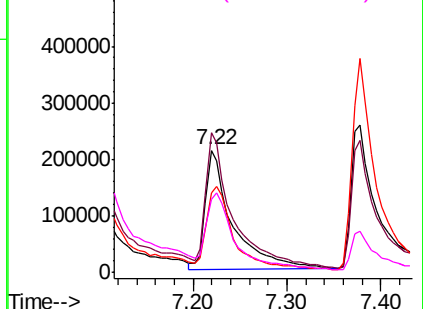
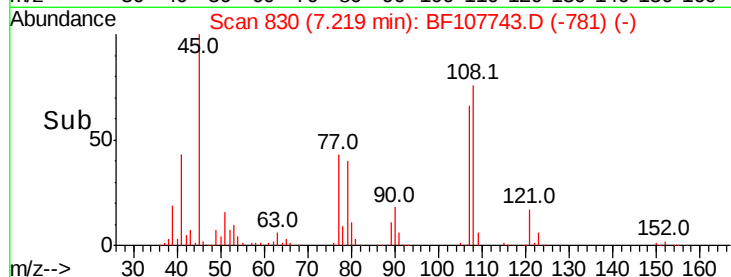
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

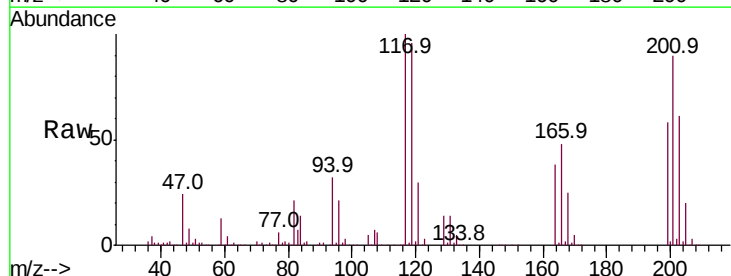
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.388 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.8	113.8
201	89.6	75.7	113.5

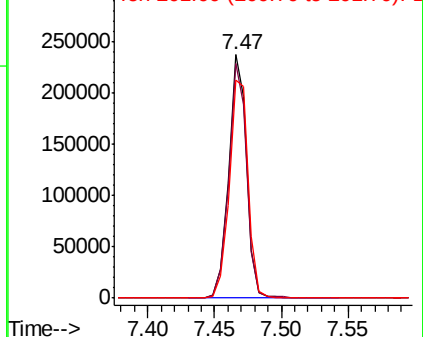
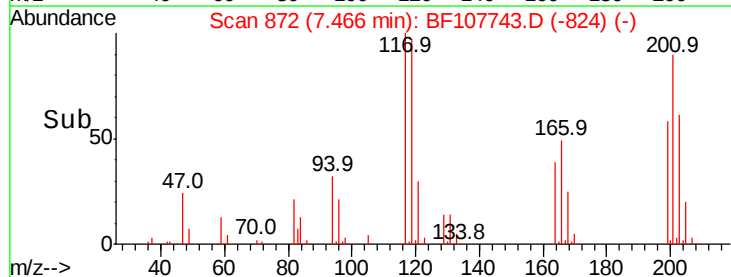


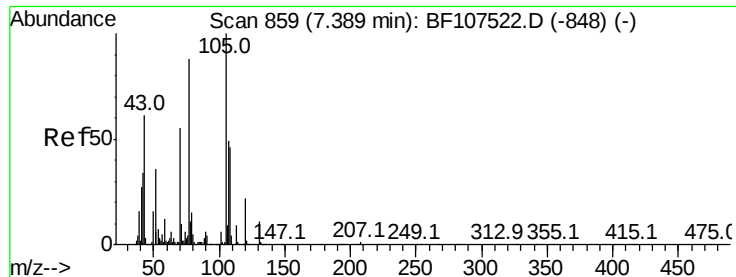
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

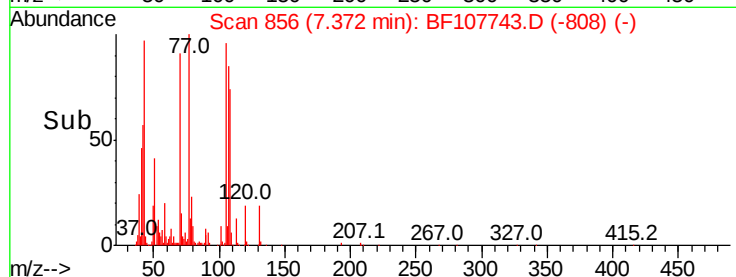
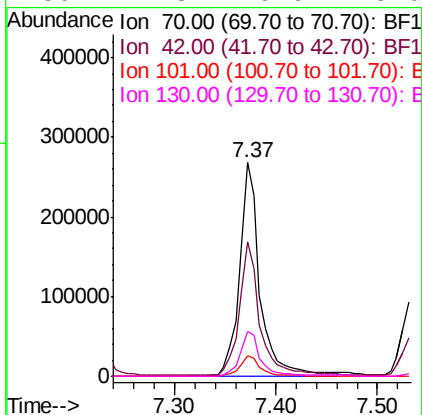
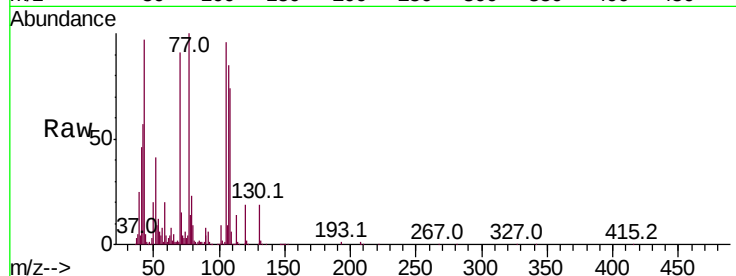




#19
n-Nitroso-di-n-propylamine
Concen: 38.892 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

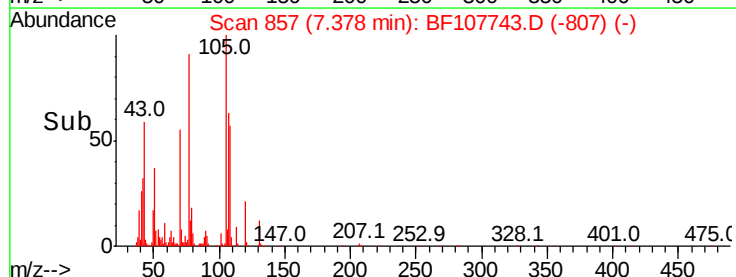
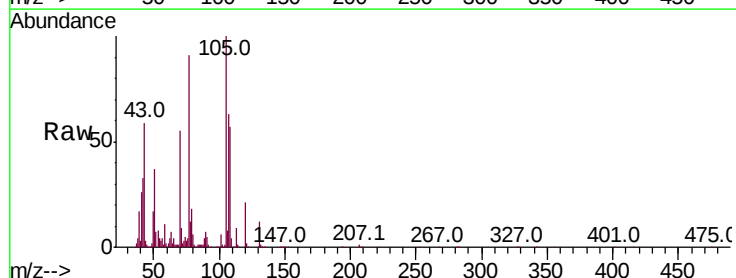
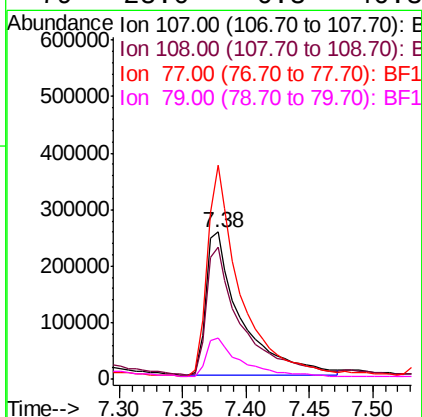
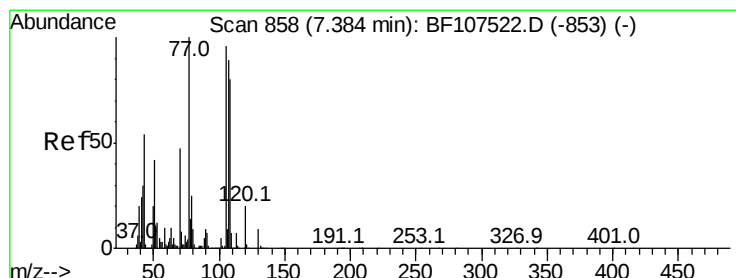
Instrument :
BNA_F
ClientSampleId :

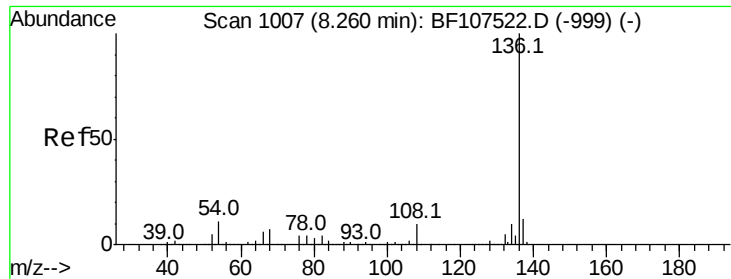
Tot Ion: 70 Resp: 375063
Ion Ratio Lower Upper
70 100
42 62.9 47.5 71.3
101 9.7 7.4 11.2
130 21.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 37.114 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Tgt Ion:107 Resp: 498915
Ion Ratio Lower Upper
107 100
108 89.9 68.2 108.2
77 145.3 26.7 66.7#
79 28.0 6.3 46.3

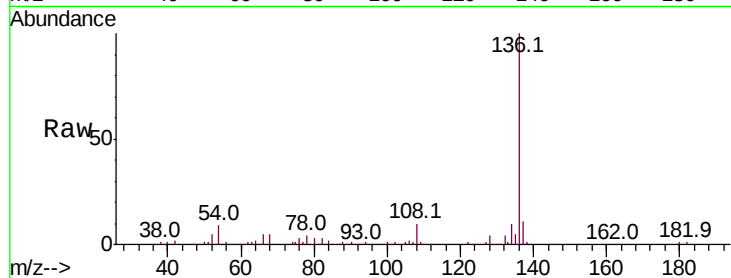




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	832828
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.9	13.3
54 9.1	6.6	9.8
68 5.1	5.0	7.4



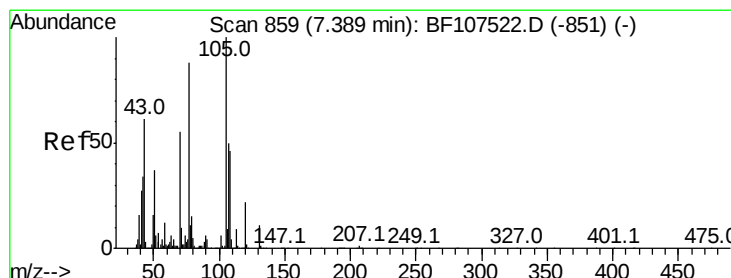
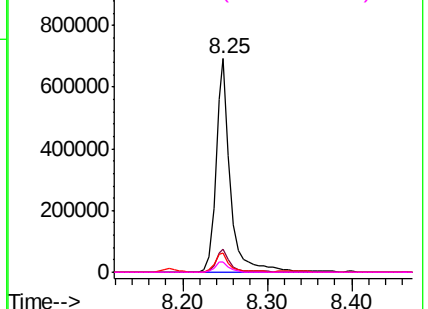
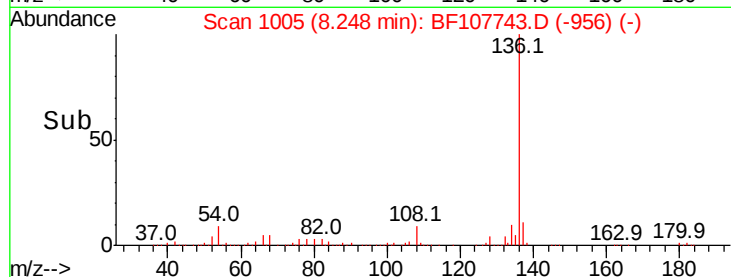
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

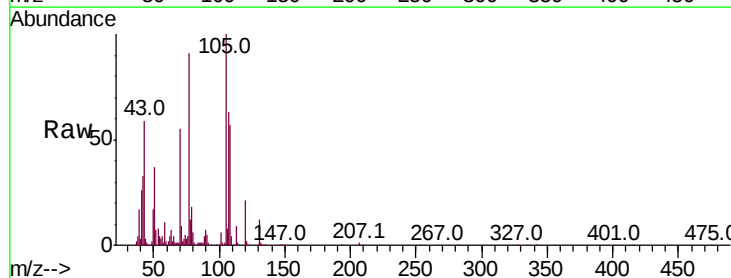
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.992 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Tgt	Ion:105	Resp:	762650
Ion	Ratio	Lower	Upper
105	100		
71	8.6	4.4	6.6#
51	37.2	22.3	33.5#
120	21.2	16.9	25.3



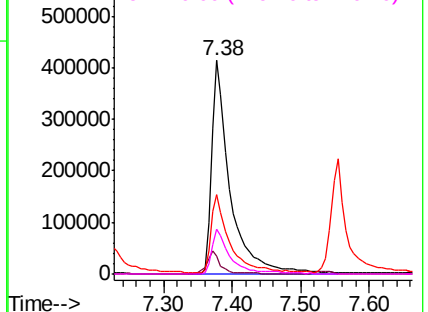
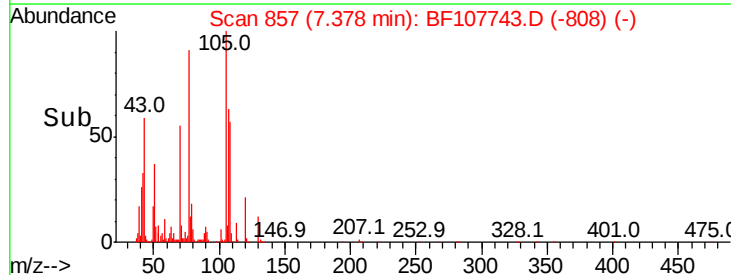
Abundance

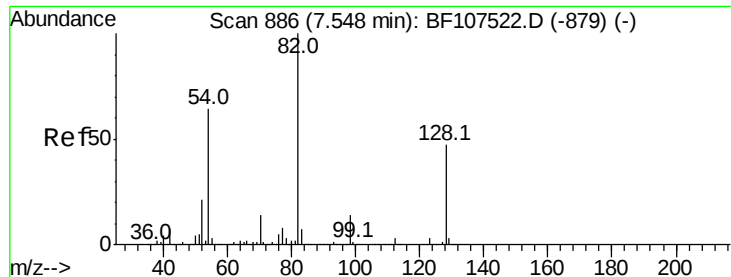
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

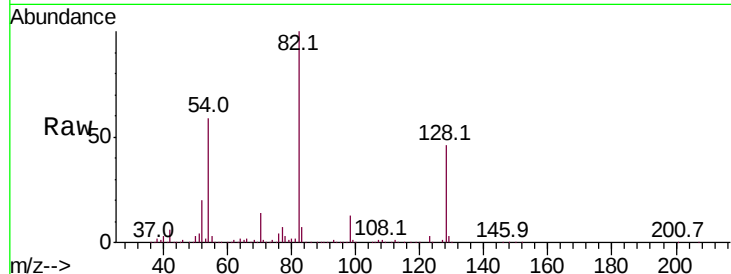




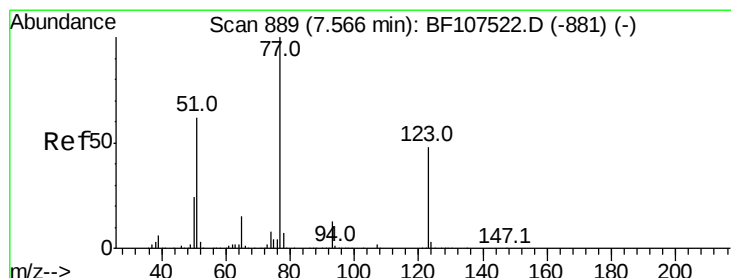
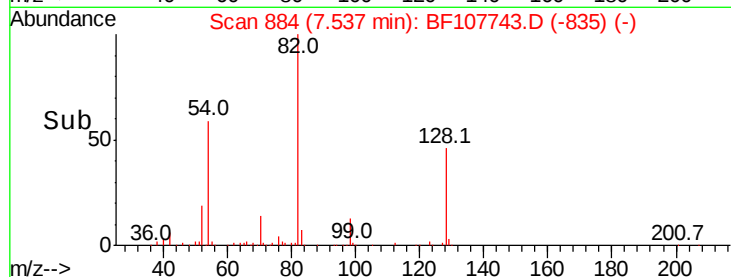
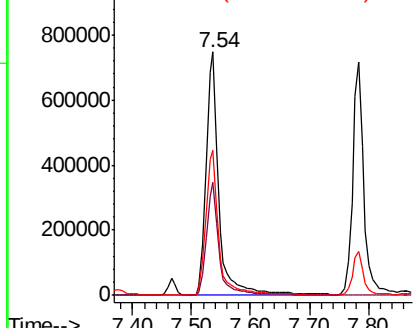
#23
 Nitrobenzene-d5
 Concen: 92.567 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF107743.D
 Acq: 27 Jul 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1142314
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.1 54.1
 54 59.4 41.4 62.2

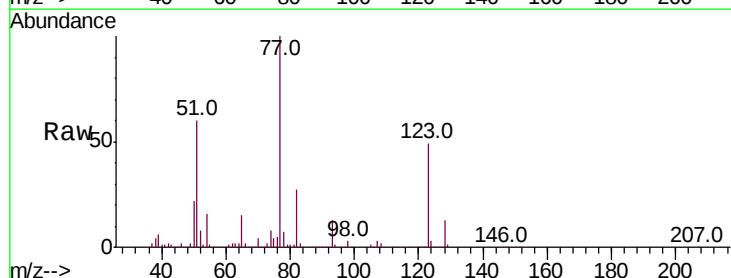


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

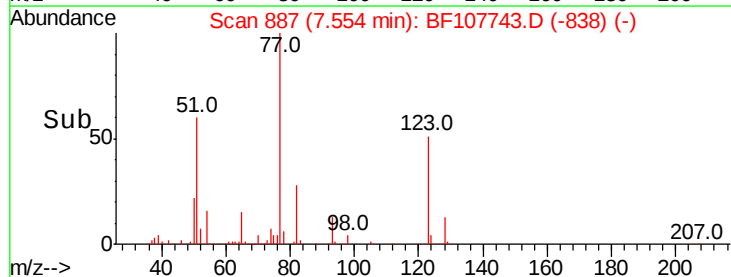
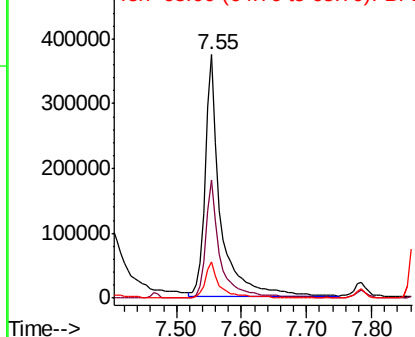


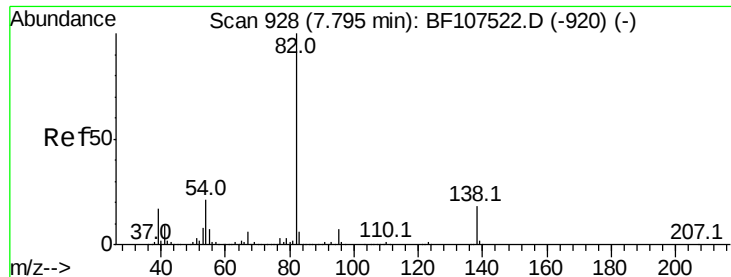
#24
 Nitrobenzene
 Concen: 42.346 ng
 RT: 7.55 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF107743.D
 Acq: 27 Jul 2018 13:56

Tgt Ion: 77 Resp: 598539
 Ion Ratio Lower Upper
 77 100
 123 48.5 37.9 56.9
 65 14.9 11.0 16.4



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





#25

Isophorone

Concen: 35.108 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

Instrument :

BNA_F

ClientSampled :

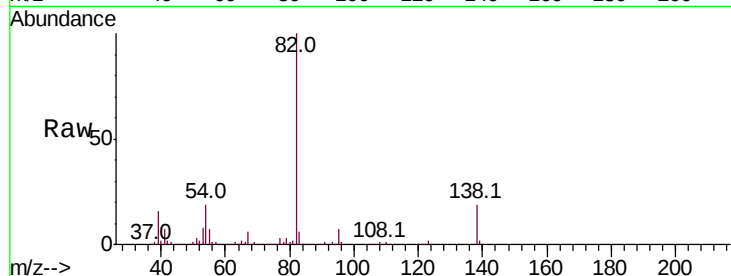
Tot Ion: 82 Resp: 925072

Ion Ratio Lower Upper

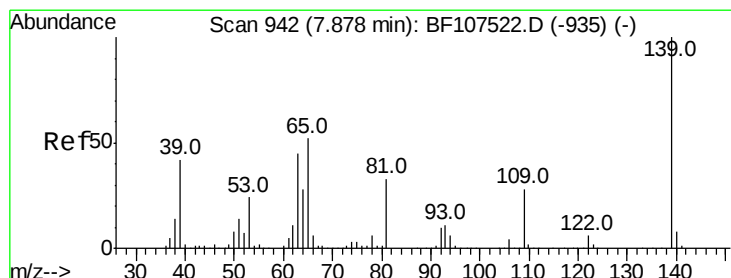
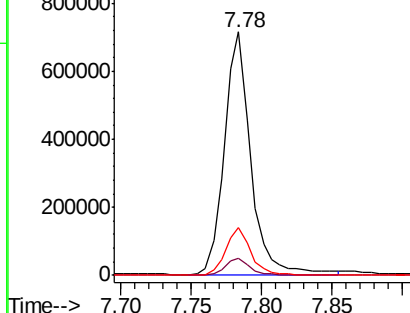
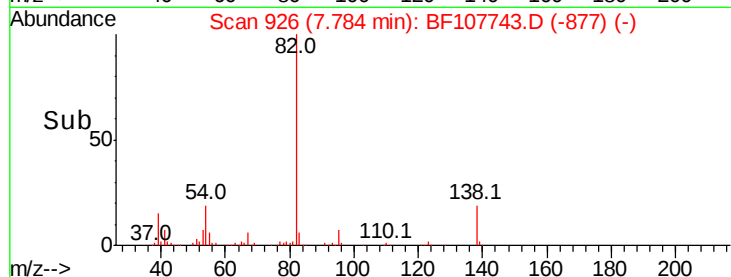
82 100

95 7.1 5.2 7.8

138 19.4 14.9 22.3



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



#26

2-Nitrophenol

Concen: 54.213 ng

RT: 7.87 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

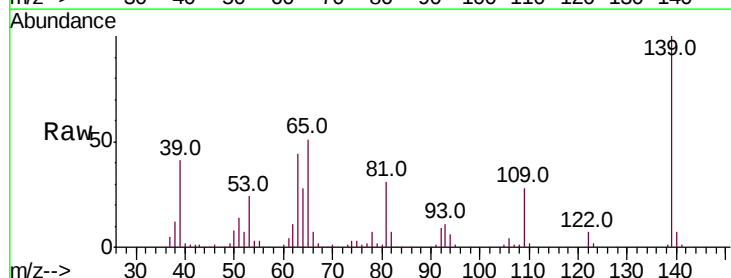
Tgt Ion: 139 Resp: 323589

Ion Ratio Lower Upper

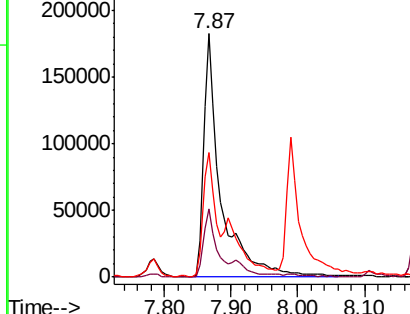
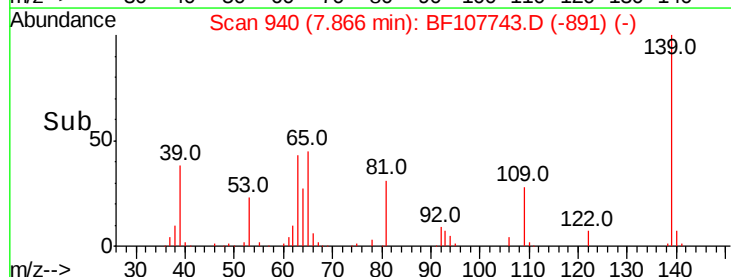
139 100

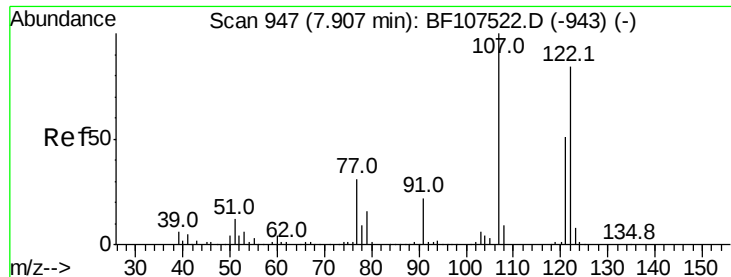
109 28.0 22.7 34.1

65 50.9 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 35.630 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

Instrument :

BNA_F

ClientSampleId :

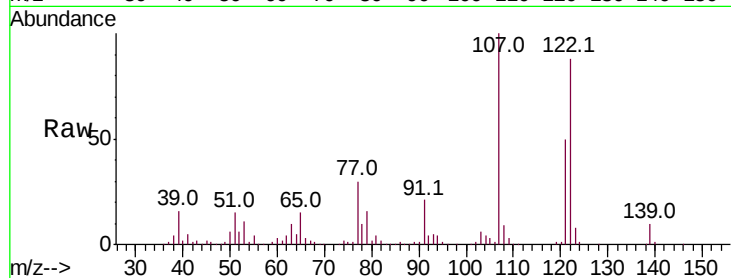
Tot Ion:122 Resp: 402562

Ion Ratio Lower Upper

122 100

107 113.8 91.2 136.8

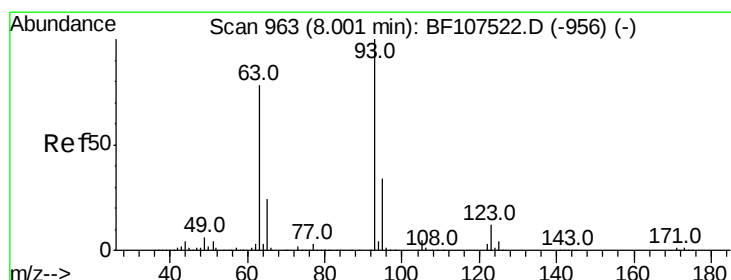
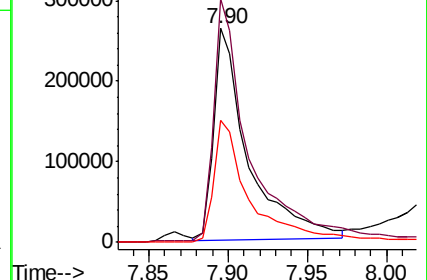
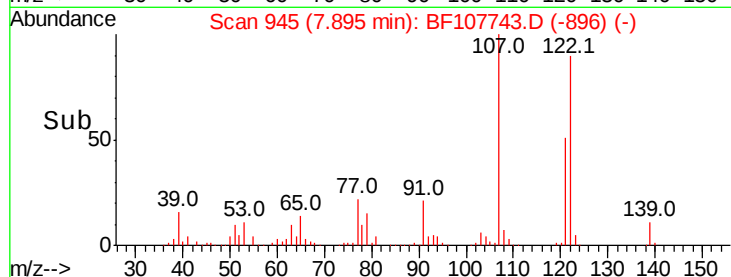
121 56.9 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.557 ng

RT: 7.99 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

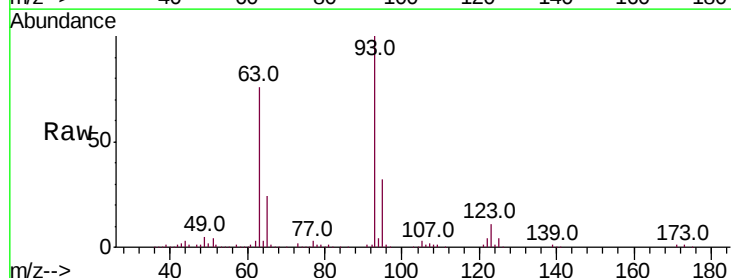
Tgt Ion: 93 Resp: 643727

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

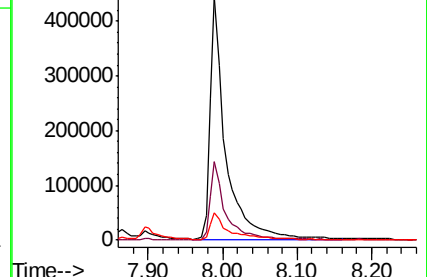
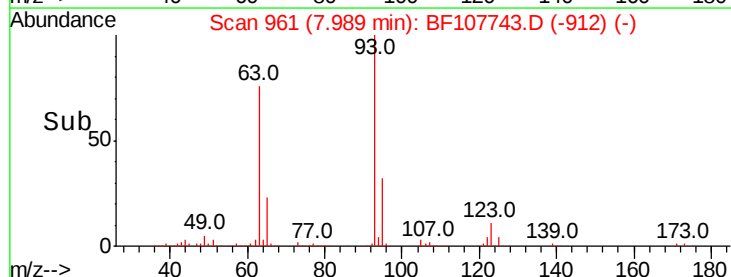
123 11.4 9.8 14.6

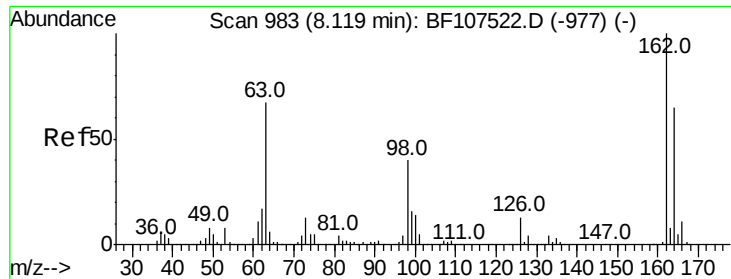


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

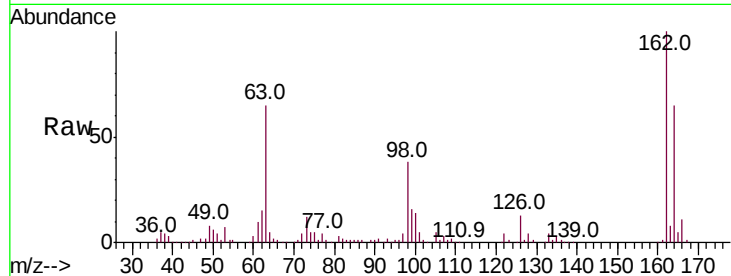




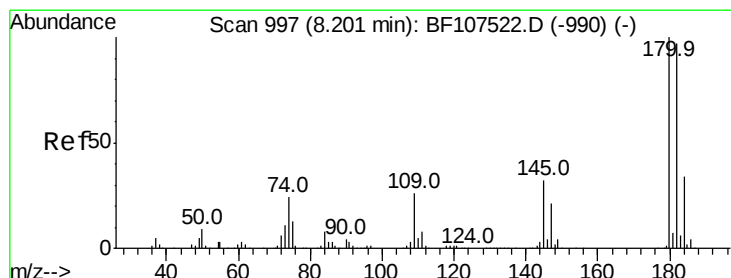
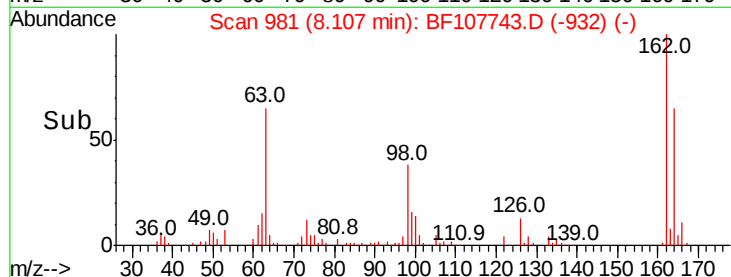
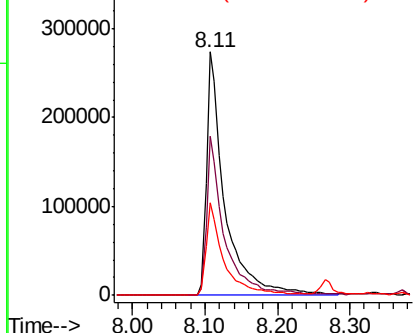
#29
 2,4-Dichlorophenol
 Concen: 41.550 ng
 RT: 8.11 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF107743.D
 Acq: 27 Jul 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 479822
 Ion Ratio Lower Upper
 162 100
 164 65.1 42.7 82.7
 98 37.9 18.1 58.1

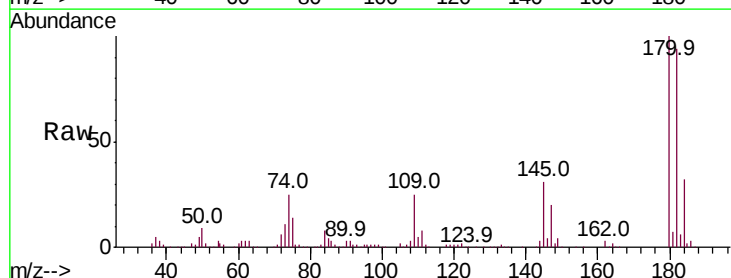


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

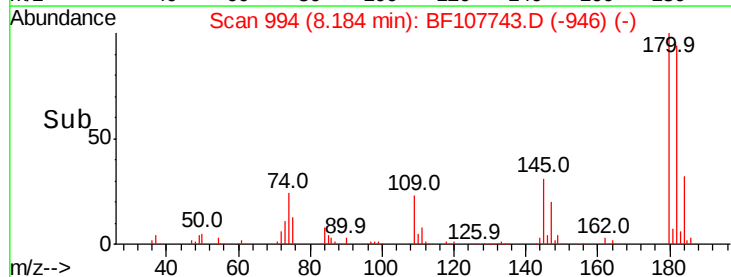
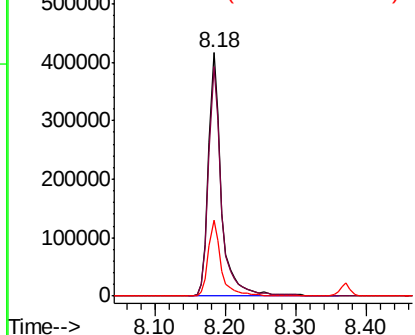


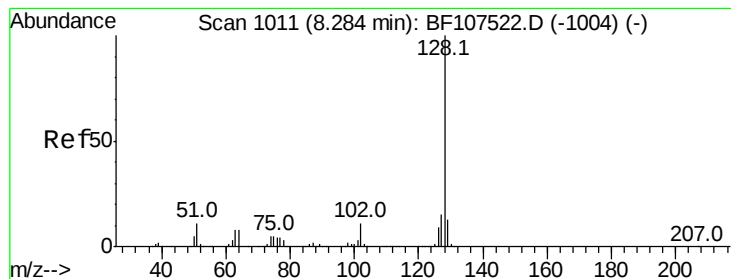
#30
 1,2,4-Trichlorobenzene
 Concen: 41.047 ng
 RT: 8.18 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BF107743.D
 Acq: 27 Jul 2018 13:56

Tgt Ion:180 Resp: 532392
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.8 115.2
 145 31.1 26.5 39.7



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





#31

Naphthalene

Concen: 43.590 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

Instrument :

BNA_F

ClientSampleId :

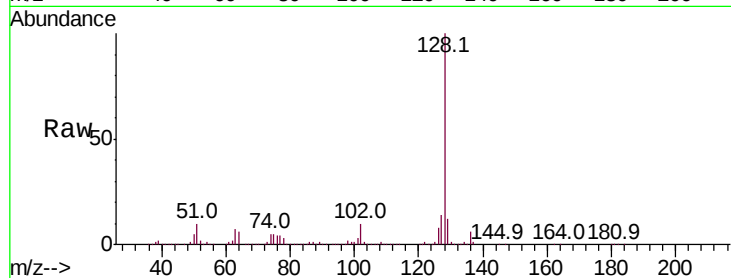
Tot Ion:128 Resp: 1596407

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

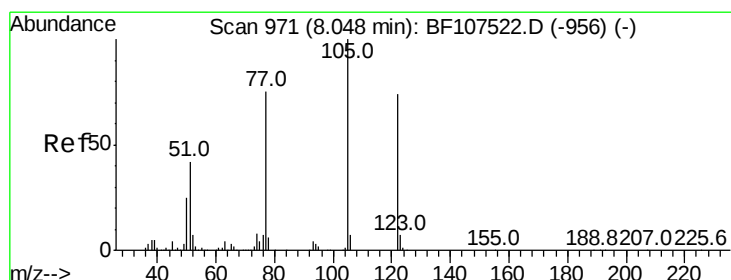
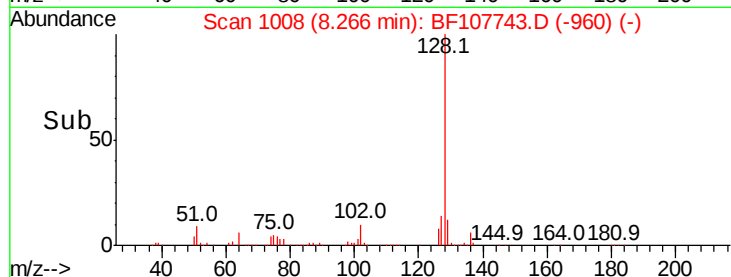
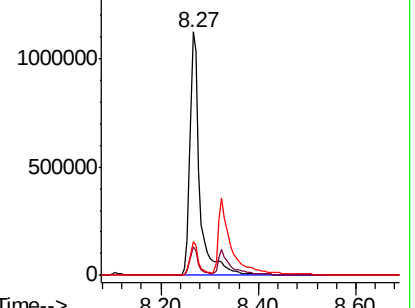
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

1500000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.219 ng

RT: 8.04 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

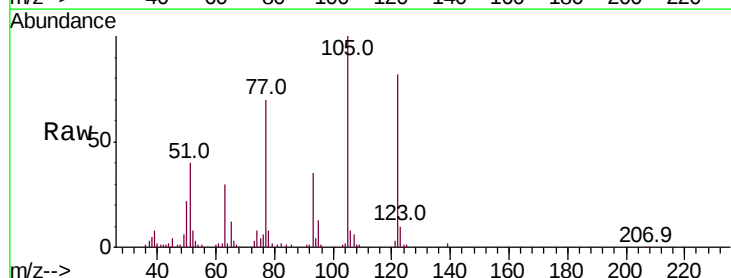
Tgt Ion:122 Resp: 182406

Ion Ratio Lower Upper

122 100

105 121.8 101.1 141.1

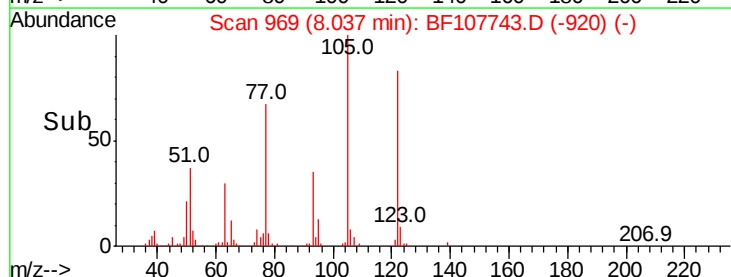
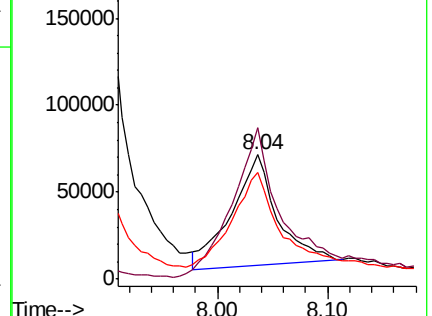
77 85.8 70.7 110.7

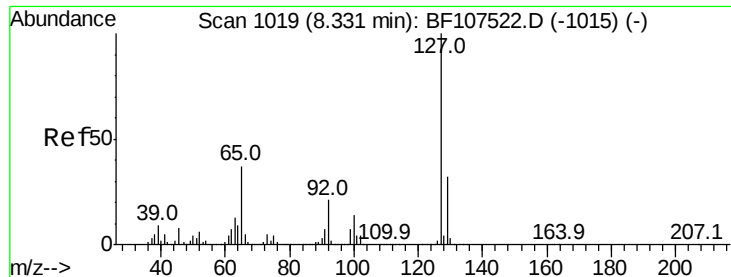


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

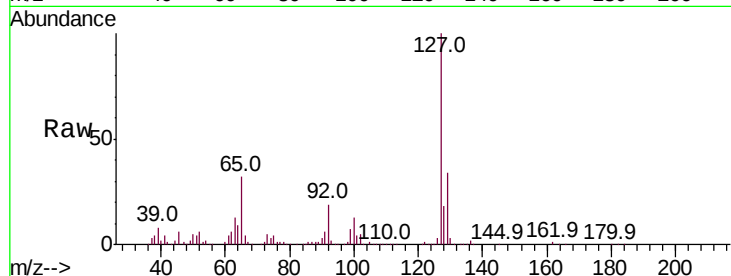




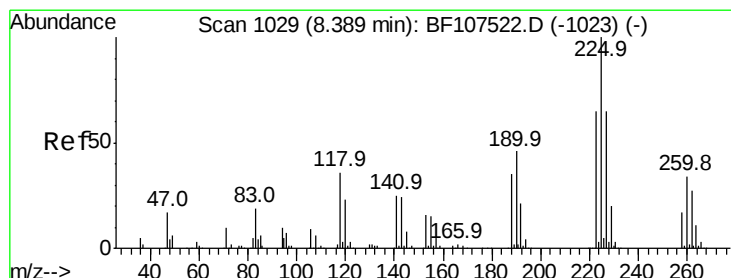
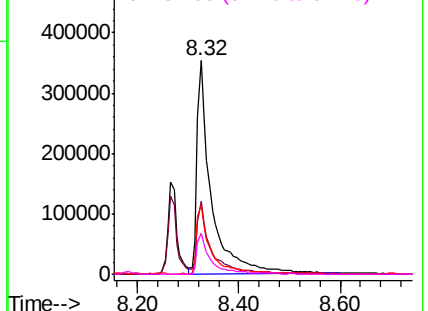
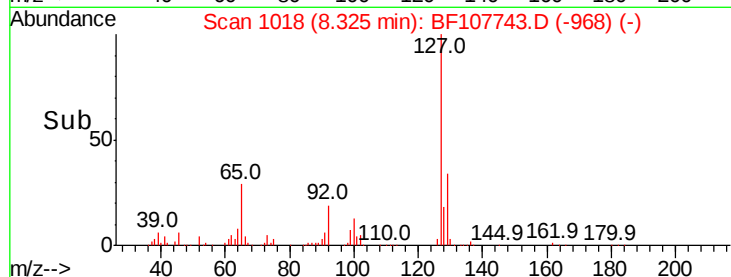
#33
4-Chloroaniline
Concen: 42.805 ng
RT: 8.32 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 685179
Ion Ratio Lower Upper
127 100
129 33.9 25.9 38.9
65 32.4 25.0 37.4
92 19.1 15.2 22.8

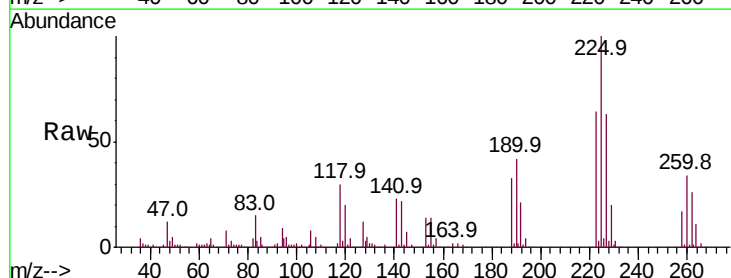


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

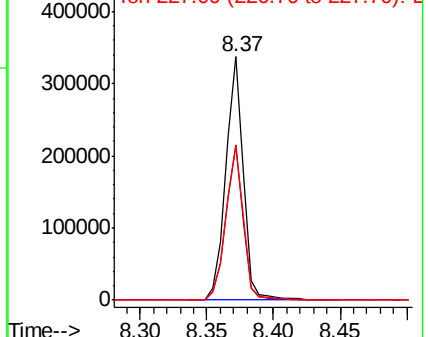
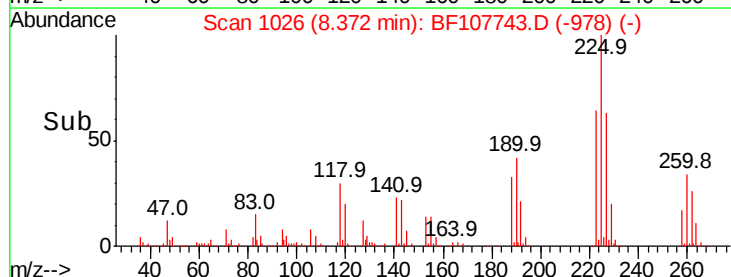


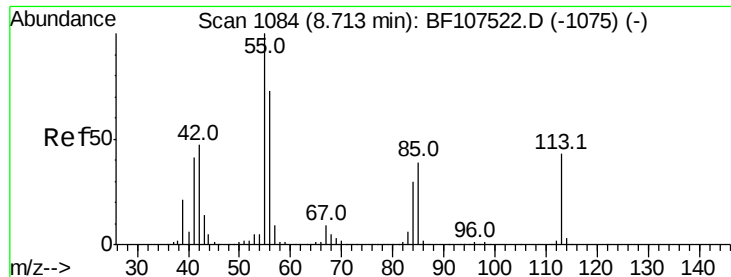
#34
Hexachlorobutadiene
Concen: 40.813 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Tgt Ion:225 Resp: 314550
Ion Ratio Lower Upper
225 100
223 64.1 50.6 76.0
227 63.2 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

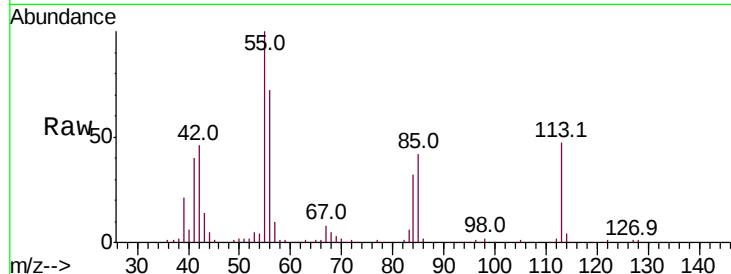




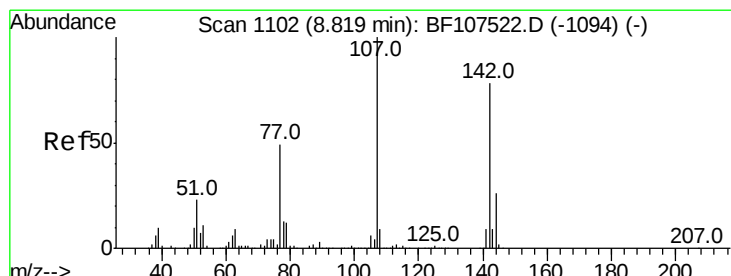
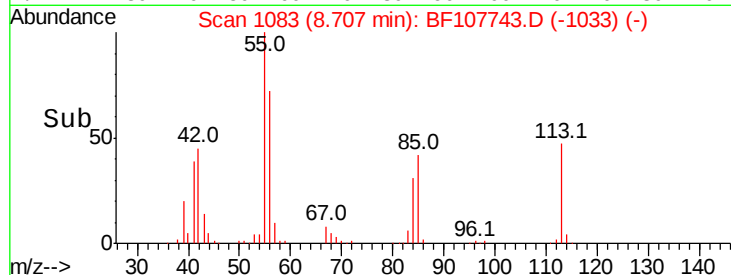
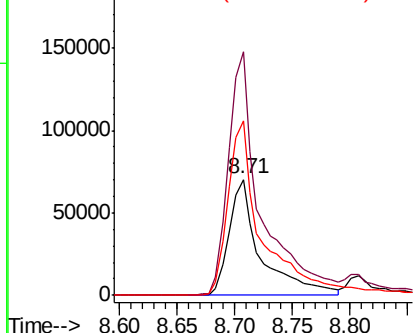
#35
Caprolactam
Concen: 35.688 ng
RT: 8.71 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 134049
Ion Ratio Lower Upper
113 100
55 210.6 163.3 203.3#
56 151.0 115.7 155.7

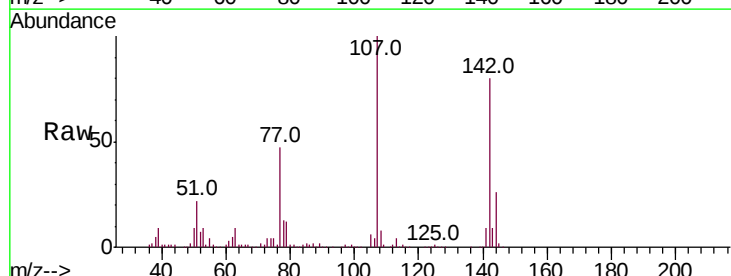


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

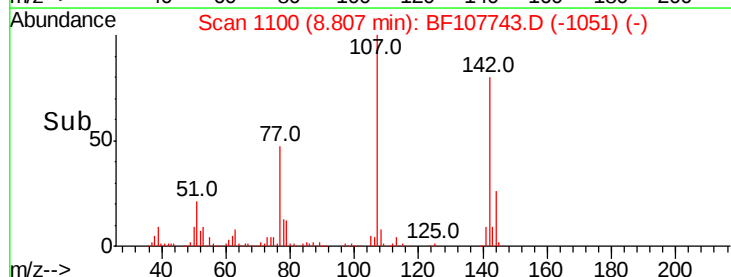
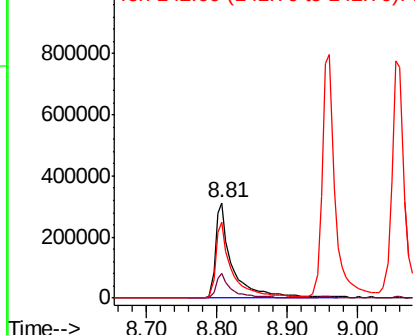


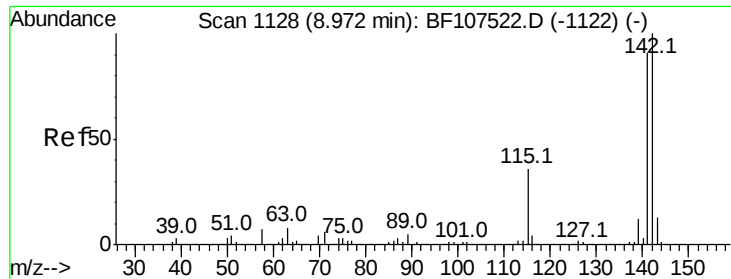
#36
4-Chloro-3-methylphenol
Concen: 40.545 ng
RT: 8.81 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Tgt Ion:107 Resp: 520107
Ion Ratio Lower Upper
107 100
144 26.1 20.5 30.7
142 80.0 62.0 93.0



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

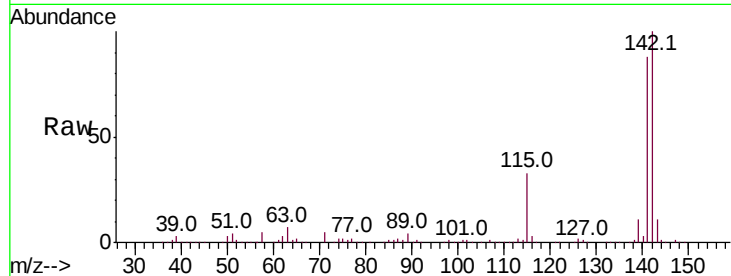




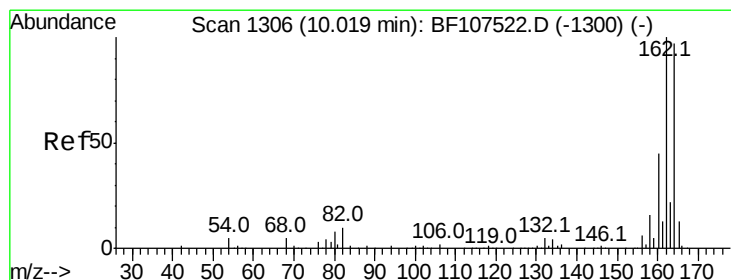
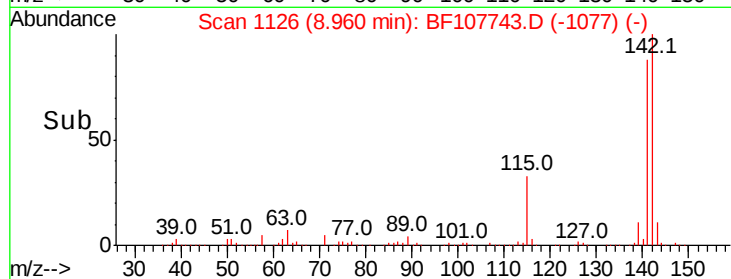
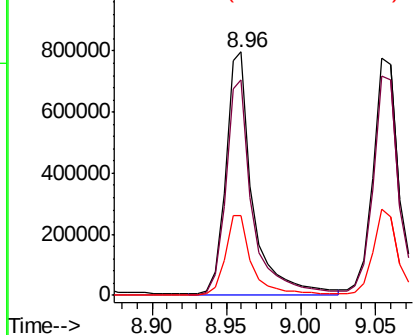
#37
 2-Methylnaphthalene
 Concen: 40.001 ng
 RT: 8.96 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF107743.D
 Acq: 27 Jul 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 1015158
 Ion Ratio Lower Upper
 142 100
 141 88.4 70.8 106.2
 115 32.6 26.1 39.1

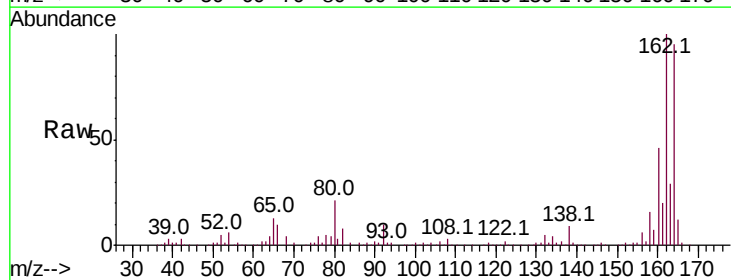


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

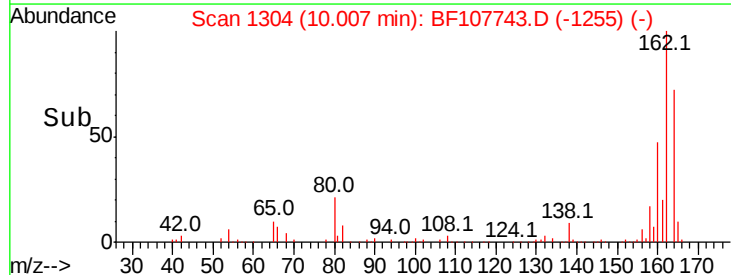
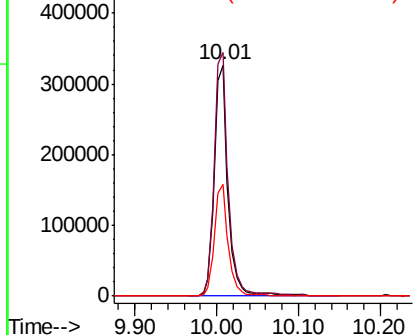


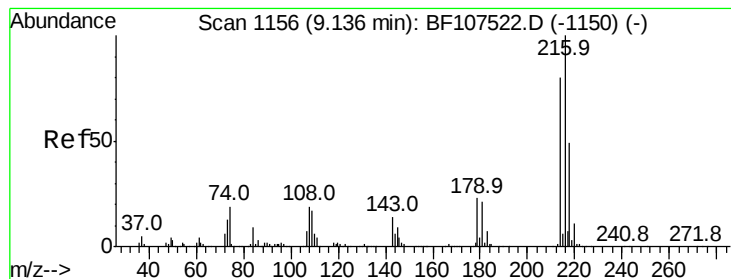
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF107743.D
 Acq: 27 Jul 2018 13:56

Tgt Ion:164 Resp: 384043
 Ion Ratio Lower Upper
 164 100
 162 105.4 86.1 129.1
 160 48.6 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.932 ng

RT: 9.12 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 549929

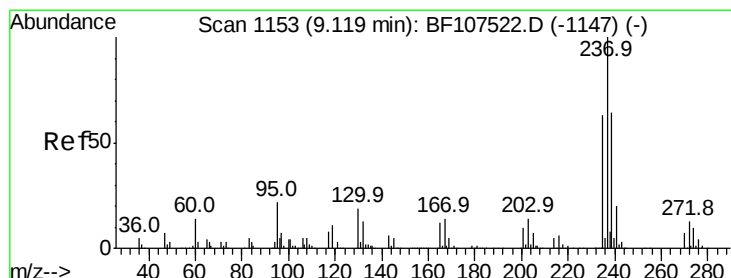
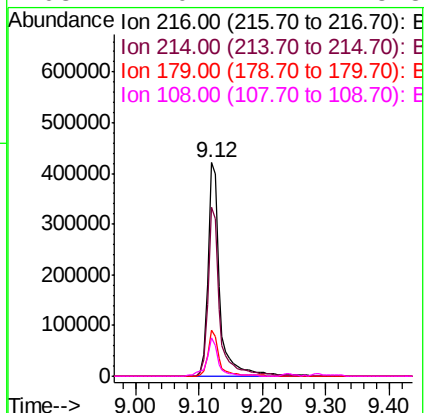
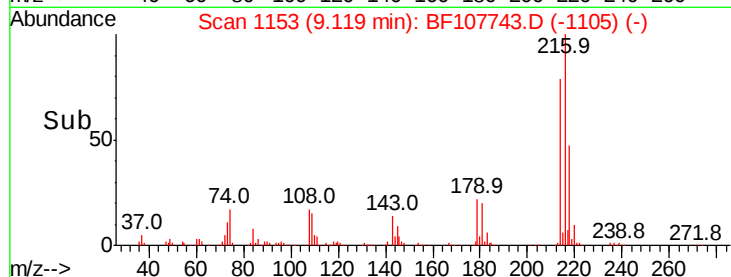
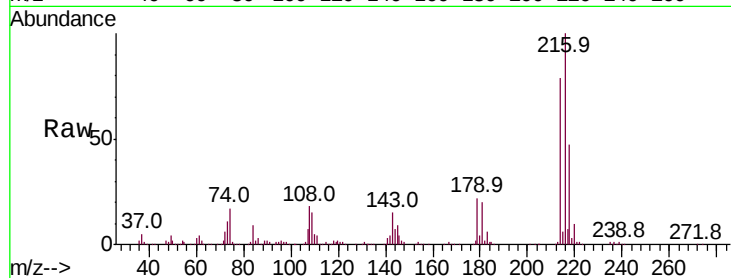
Ion Ratio Lower Upper

216 100

214 78.2 63.0 94.4

179 20.8 18.1 27.1

108 17.0 17.2 25.8#



#40

Hexachlorocyclopentadiene

Concen: 36.767 ng

RT: 9.10 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

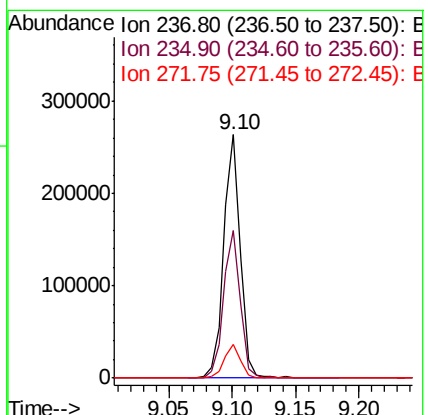
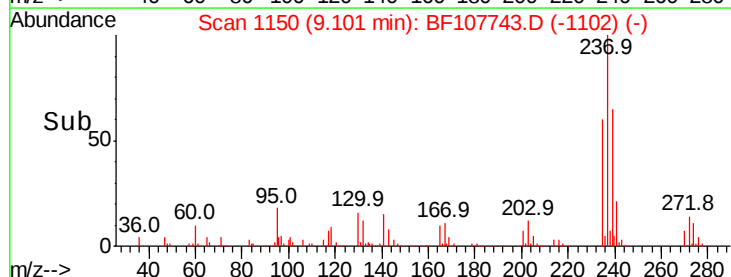
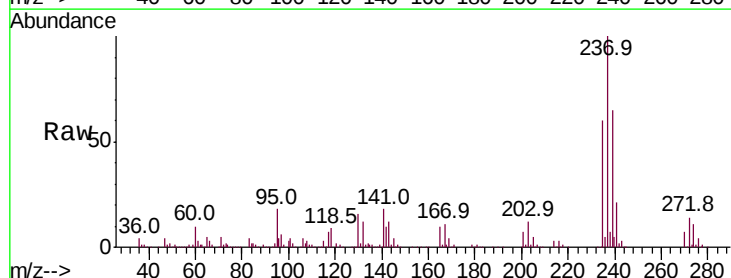
Tgt Ion:237 Resp: 239412

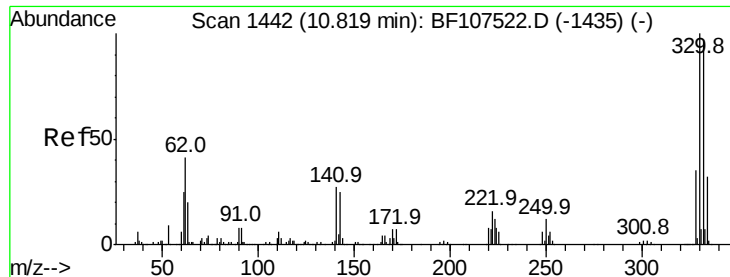
Ion Ratio Lower Upper

237 100

235 60.5 44.8 84.8

272 14.0 0.0 33.3

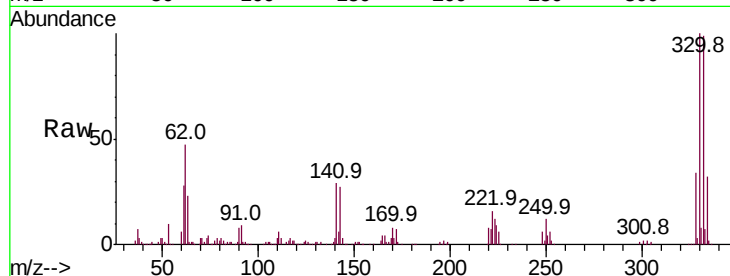




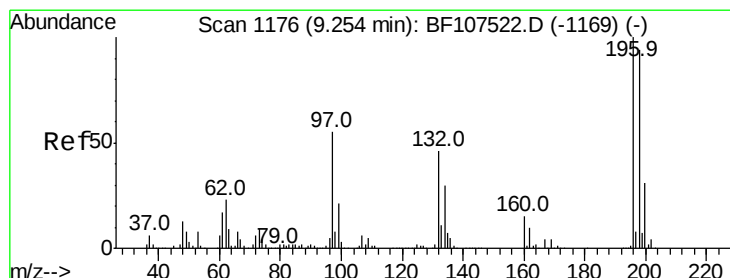
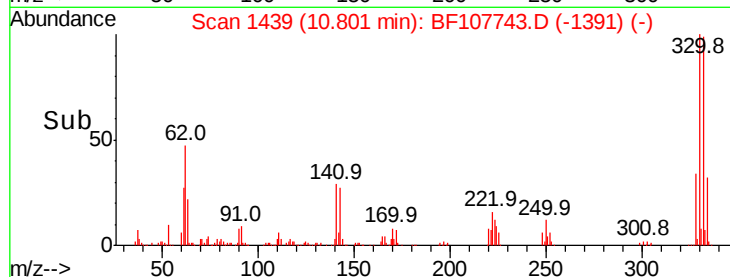
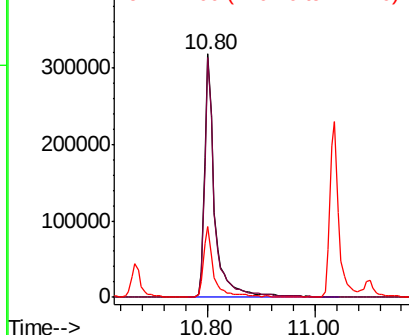
#41
 2,4,6-Tribromophenol
 Concen: 95.822 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107743.D
 Acq: 27 Jul 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	29.1	29.9	44.9#

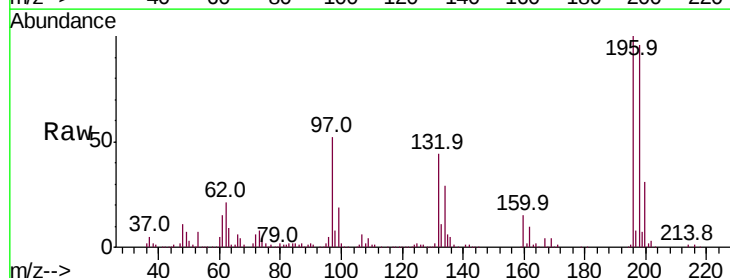


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

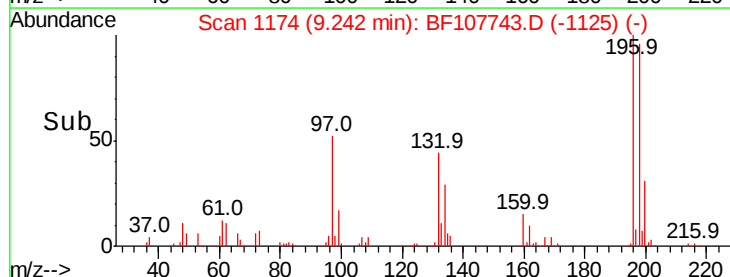
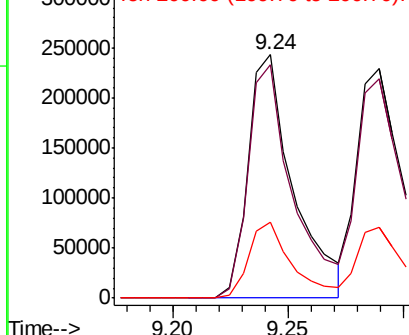


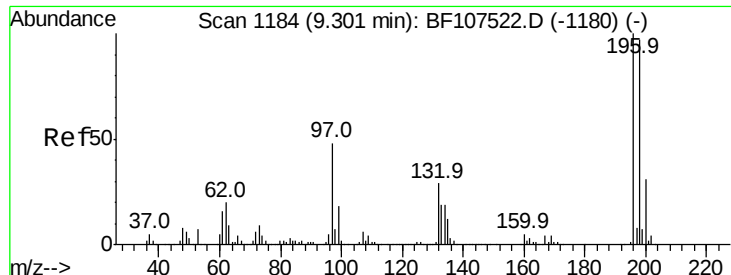
#42
 2,4,6-Trichlorophenol
 Concen: 40.389 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF107743.D
 Acq: 27 Jul 2018 13:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.7	113.5
200	31.4	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

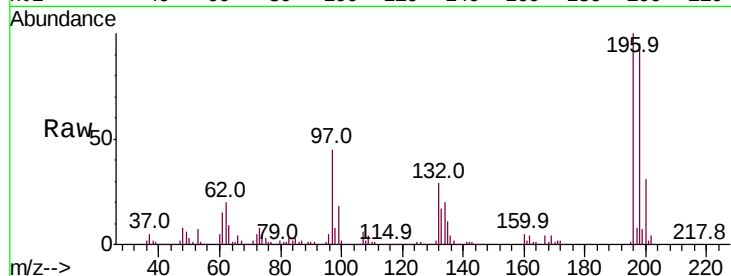




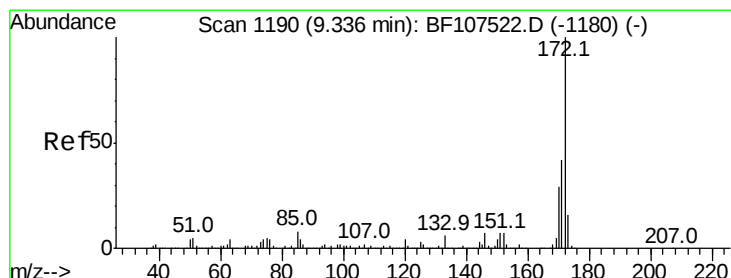
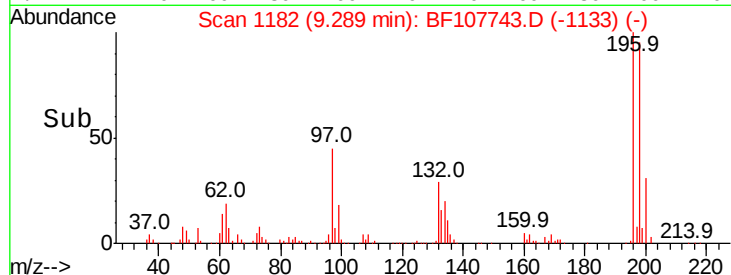
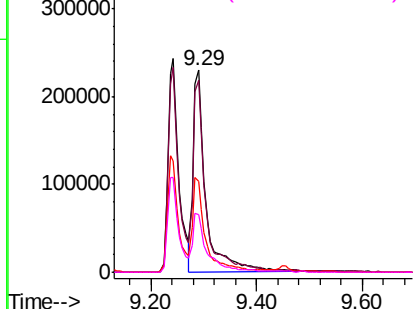
#43
 2,4,5-Trichlorophenol
 Concen: 45.890 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF107743.D
 Acq: 27 Jul 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	74.6	112.0
97	45.1	42.9	64.3
132	28.8	26.3	39.5

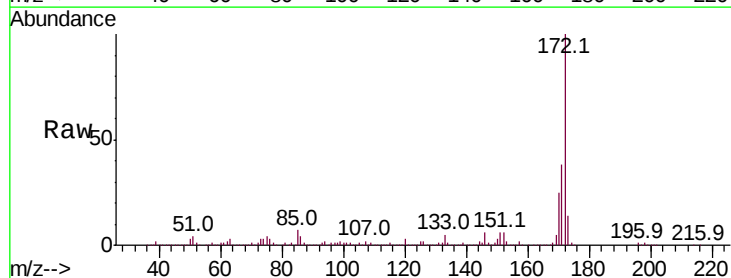


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

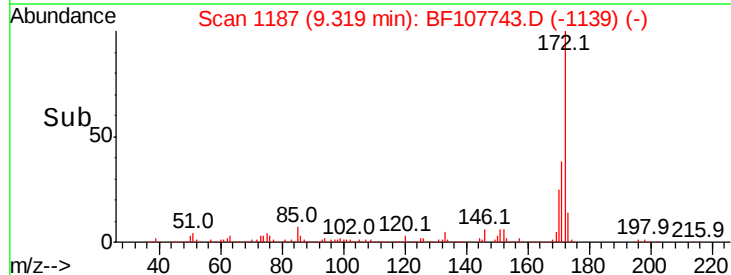
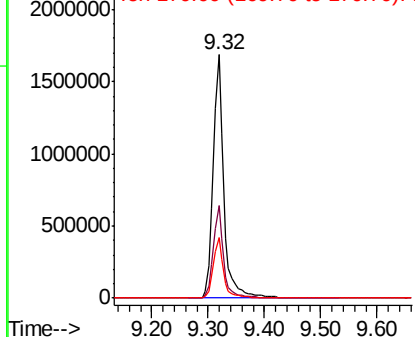


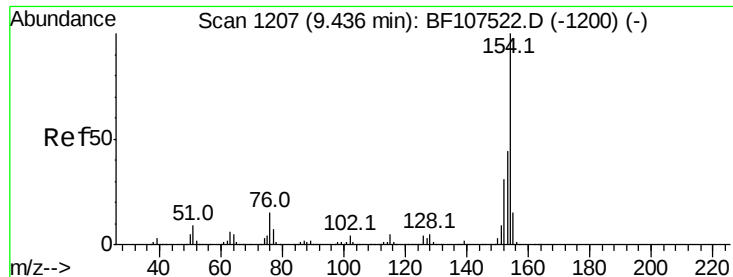
#44
 2-Fluorobiphenyl
 Concen: 106.001 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107743.D
 Acq: 27 Jul 2018 13:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.7	44.5
170	25.1	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

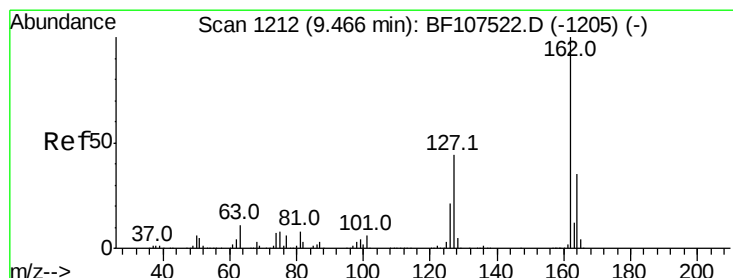
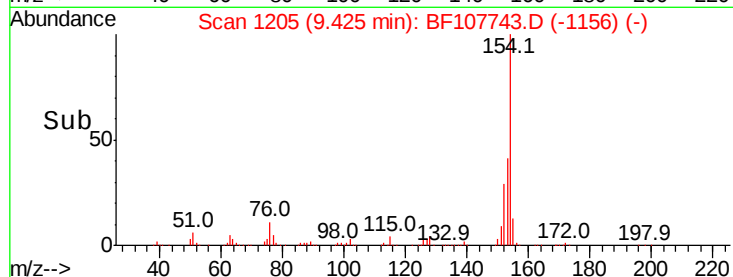
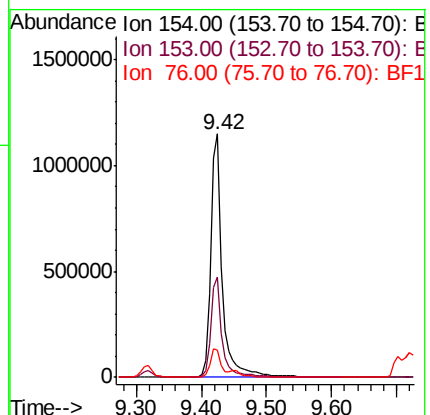
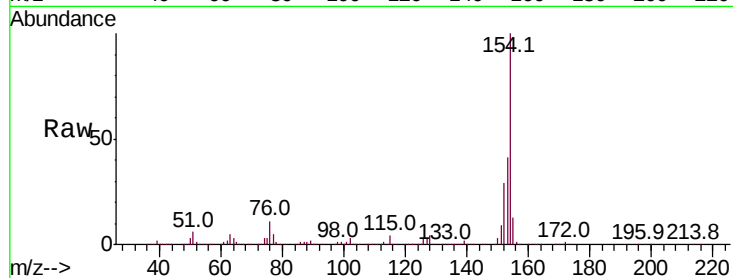




#45
 1,1'-Biphenyl
 Concen: 42.062 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF107743.D
 Acq: 27 Jul 2018 13:56

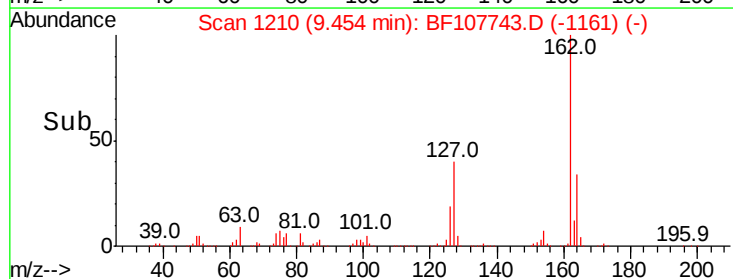
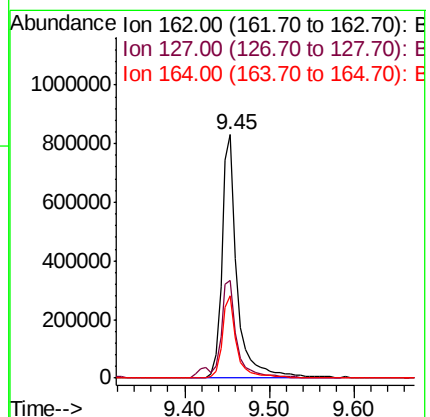
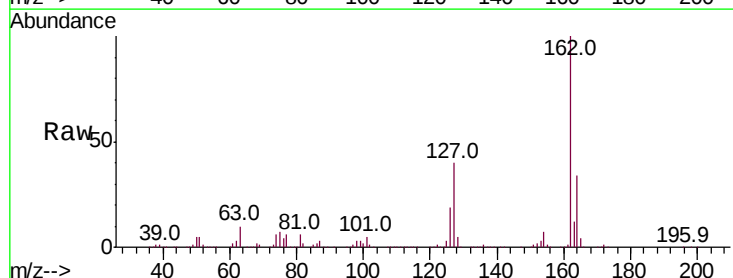
Instrument :
 BNA_F
 ClientSampleId :

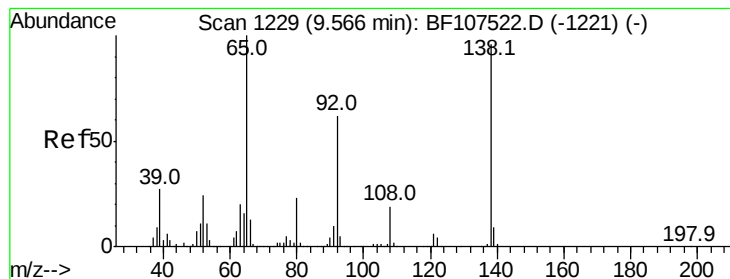
Tot Ion:154 Resp: 1407185
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.3 61.3
 76 11.4 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 41.313 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF107743.D
 Acq: 27 Jul 2018 13:56

Tgt Ion:162 Resp: 1056447
 Ion Ratio Lower Upper
 162 100
 127 39.9 33.9 50.9
 164 33.7 26.5 39.7





#47

2-Nitroaniline

Concen: 47.492 ng

RT: 9.56 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

Instrument :

BNA_F

ClientSampleId :

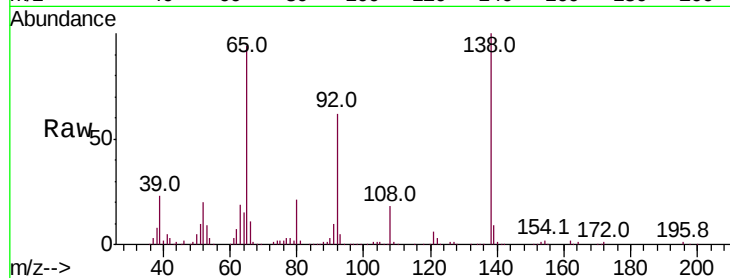
Tot Ion: 65 Resp: 354053

Ion Ratio Lower Upper

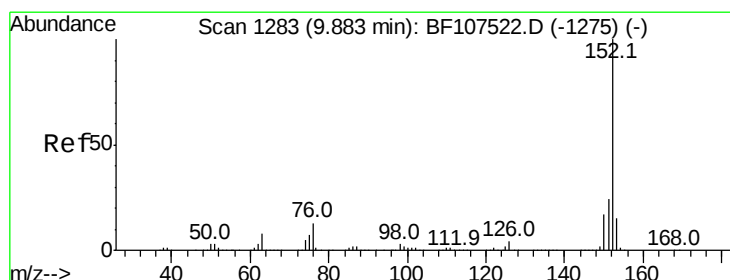
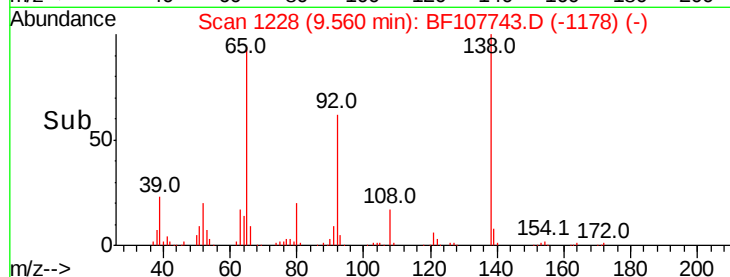
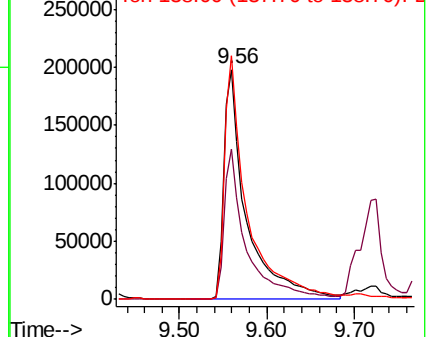
65 100

92 65.3 55.8 83.6

138 106.0 91.2 136.8



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



#48

Acenaphthylene

Concen: 40.540 ng

RT: 9.87 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

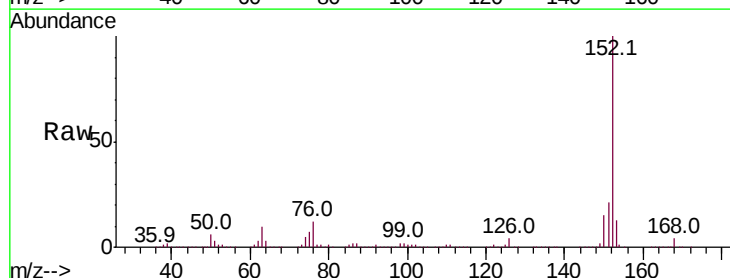
Tgt Ion:152 Resp: 1557314

Ion Ratio Lower Upper

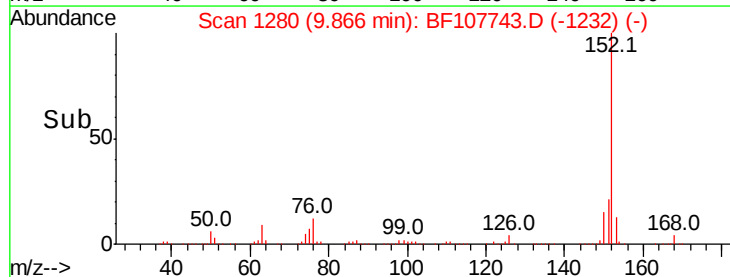
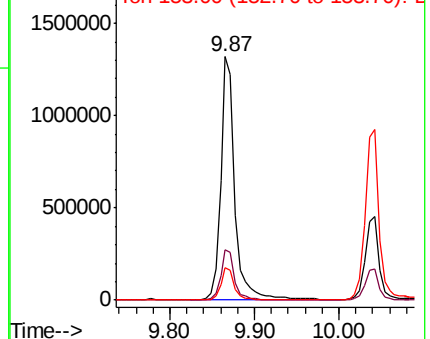
152 100

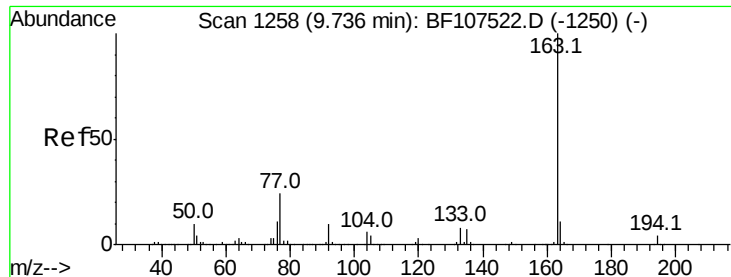
151 20.6 16.3 24.5

153 13.4 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

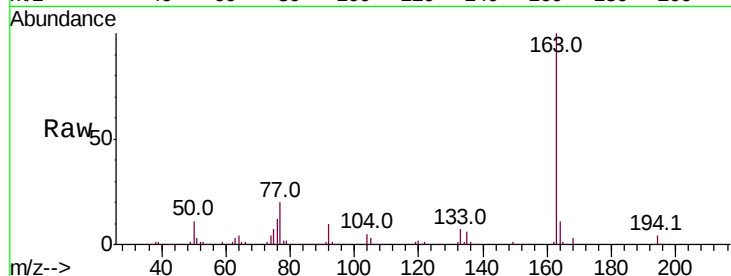




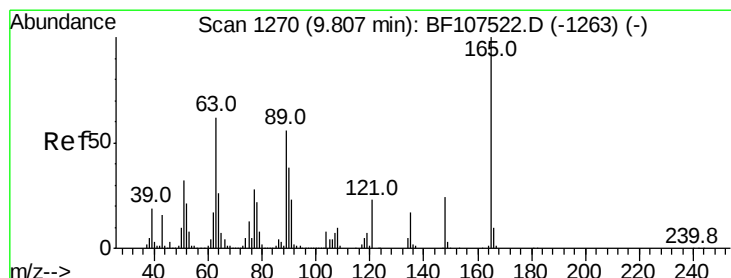
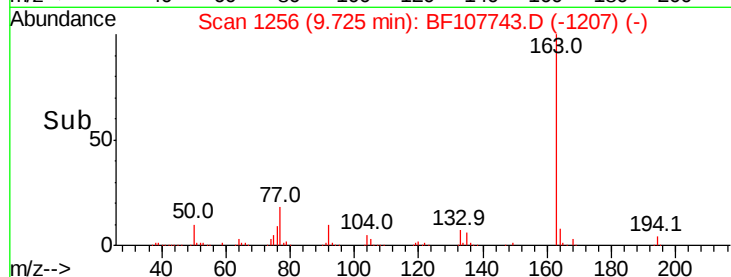
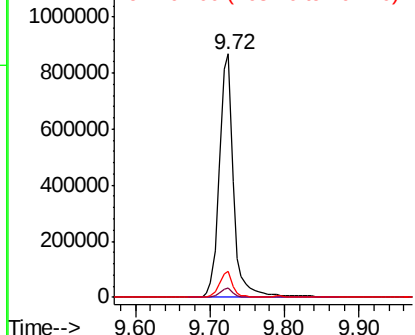
#49
Dimethylphthalate
Concen: 39.434 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1141376
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.5 8.2 12.2

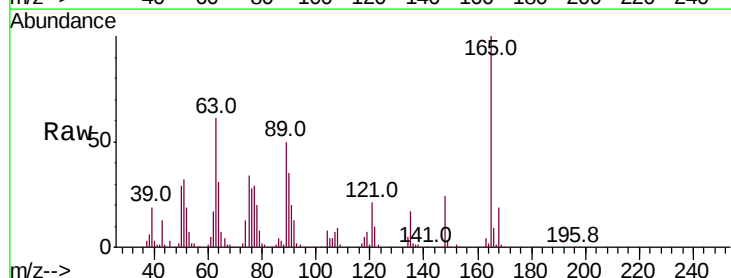


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

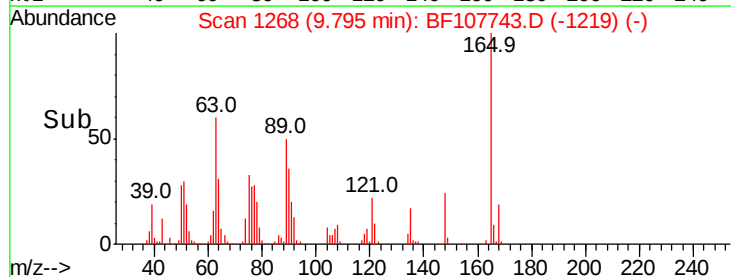
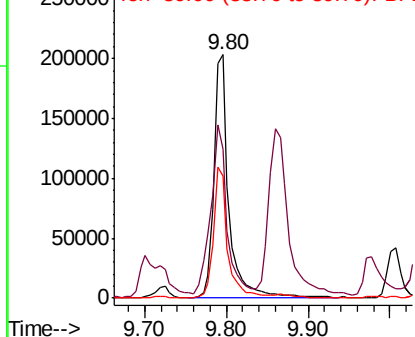


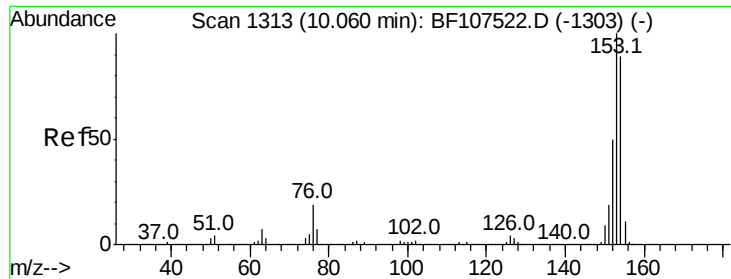
#50
2,6-Dinitrotoluene
Concen: 44.873 ng
RT: 9.80 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Tgt Ion:165 Resp: 257864
Ion Ratio Lower Upper
165 100
63 61.0 44.7 67.1
89 50.3 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: 36.951 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

Instrument :

BNA_F

ClientSampleId :

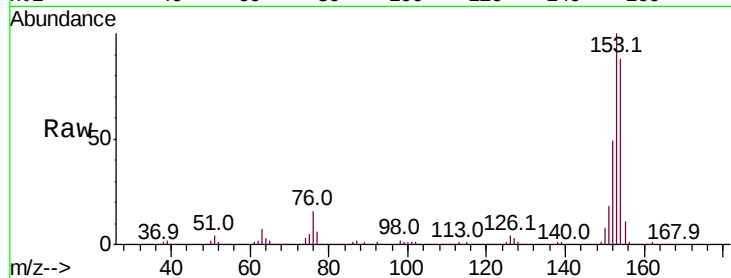
Tot Ion:154 Resp: 889348

Ion Ratio Lower Upper

154 100

153 113.5 91.2 136.8

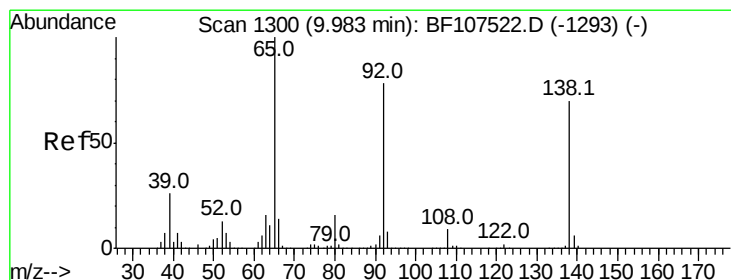
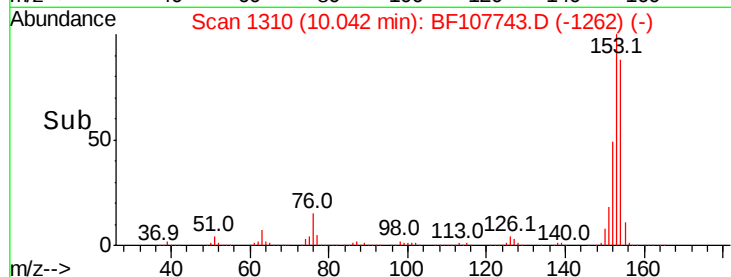
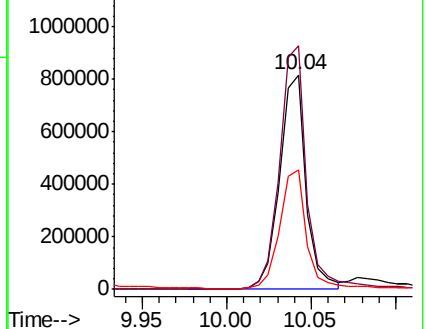
152 55.5 43.8 65.8



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: 45.198 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

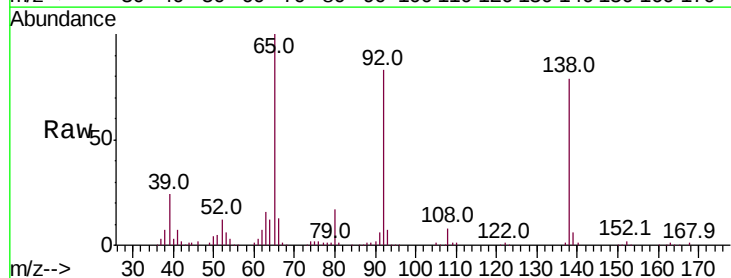
Tgt Ion:138 Resp: 315981

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

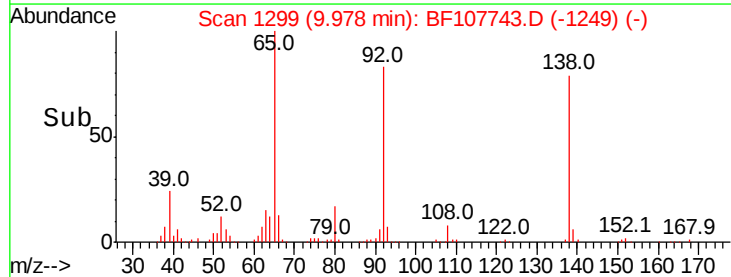
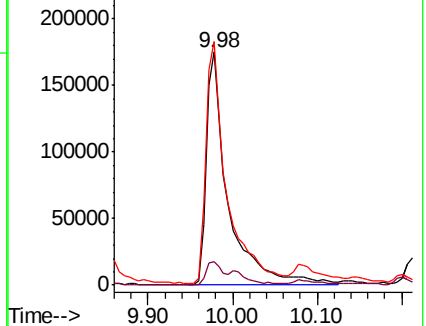
92 104.5 89.4 134.2

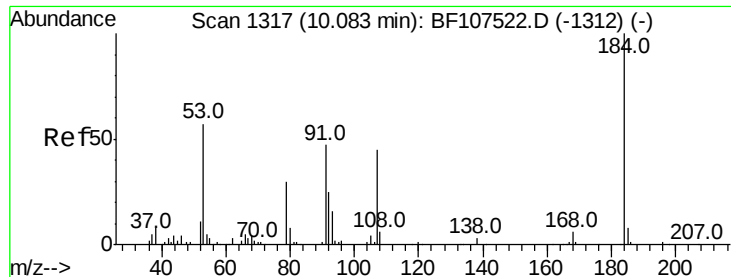


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

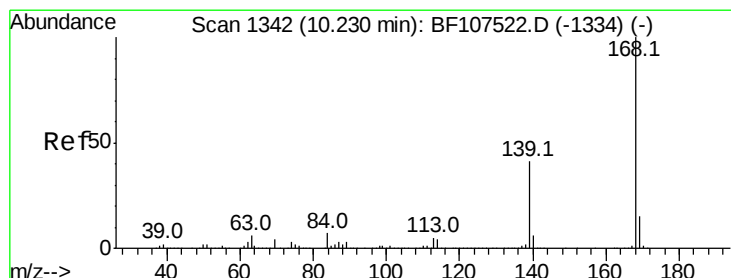
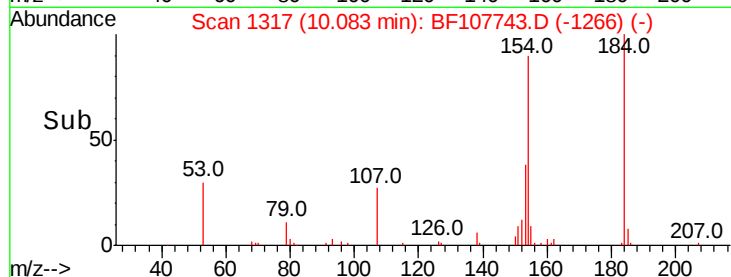
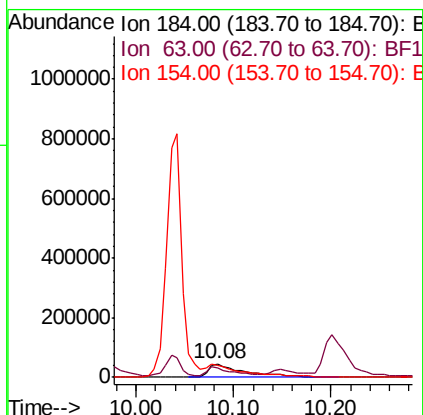
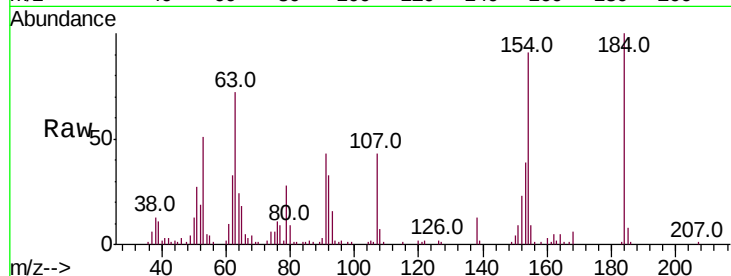




#53
2,4-Dinitrophenol
Concen: 53.605 ng
RT: 10.08 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

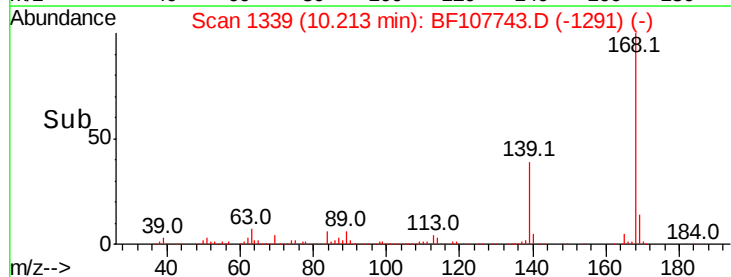
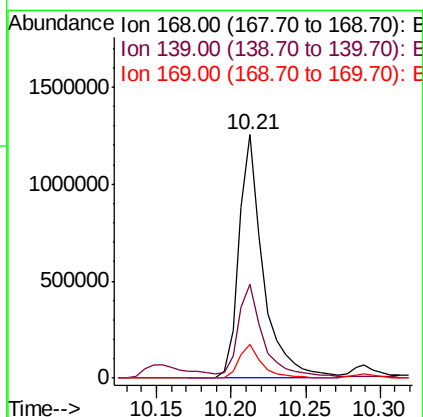
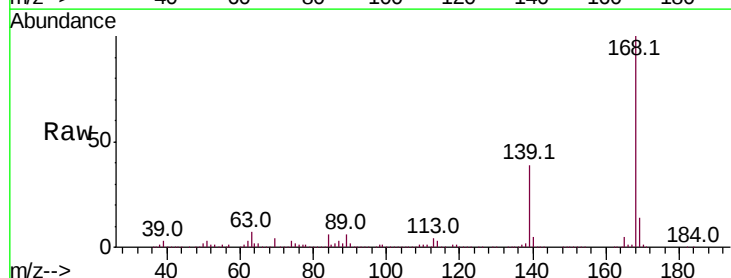
Instrument :
BNA_F
ClientSampleId :

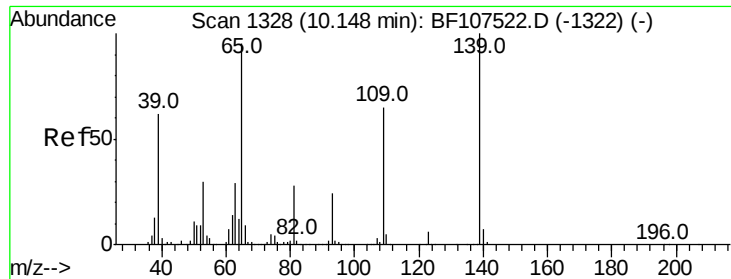
Tot Ion:184 Resp: 119127
Ion Ratio Lower Upper
184 100
63 71.7 54.2 81.2
154 91.1 184.0 276.0#



#54
Dibenzofuran
Concen: 40.026 ng
RT: 10.21 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Tgt Ion:168 Resp: 1418267
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1
169 13.9 10.9 16.3

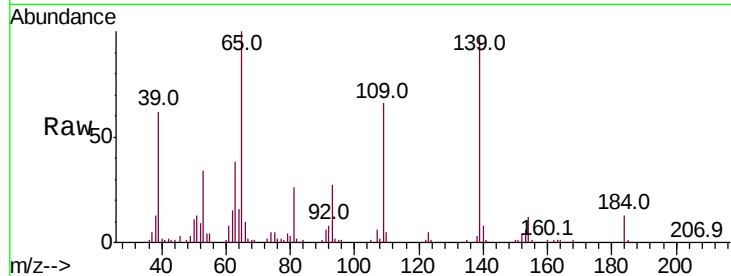




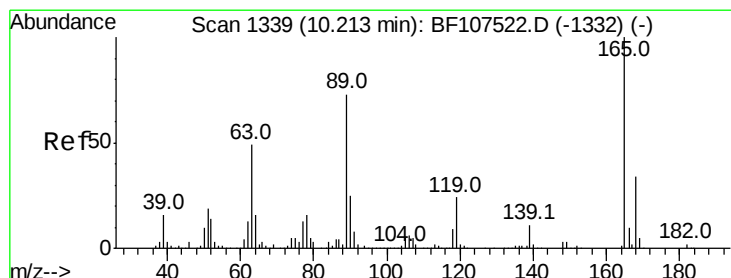
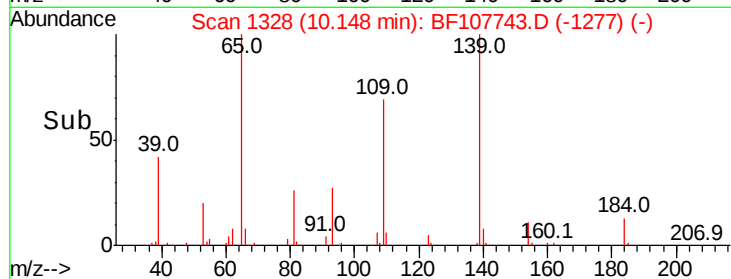
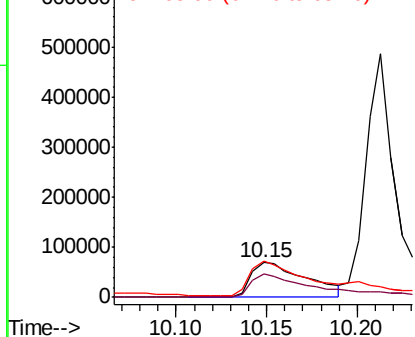
#55
4-Nitrophenol
Concen: 28.004 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 146577
Ion Ratio Lower Upper
139 100
109 68.7 48.4 88.4
65 103.5 72.6 112.6

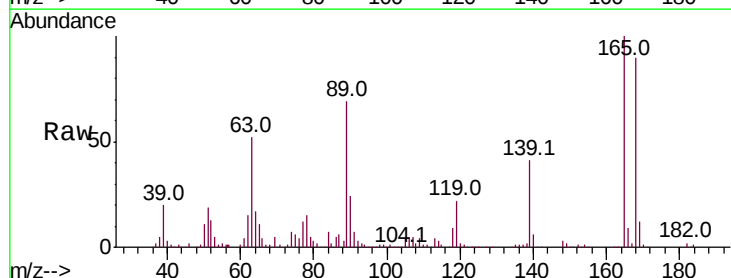


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

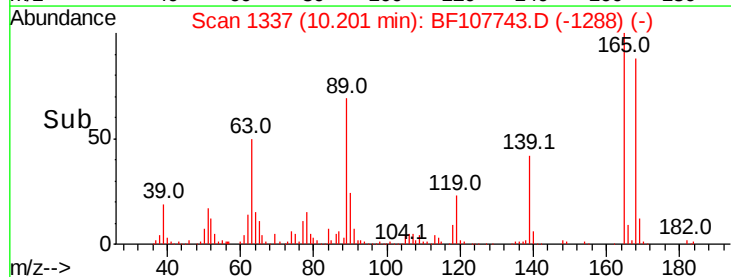
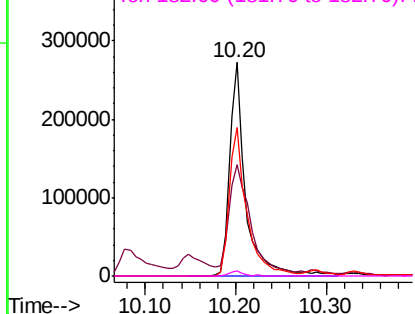


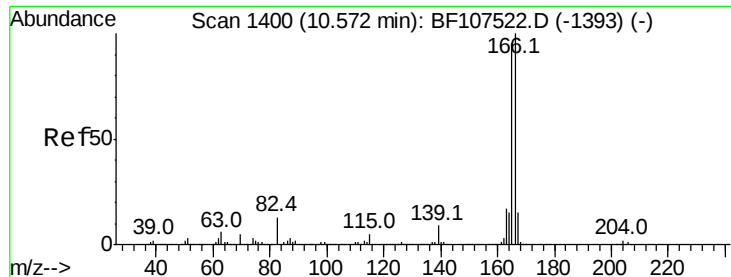
#56
2,4-Dinitrotoluene
Concen: 47.747 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Tgt Ion:165 Resp: 331205
Ion Ratio Lower Upper
165 100
63 52.3 36.4 54.6
89 69.4 57.8 86.6
182 2.4 1.6 2.4



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

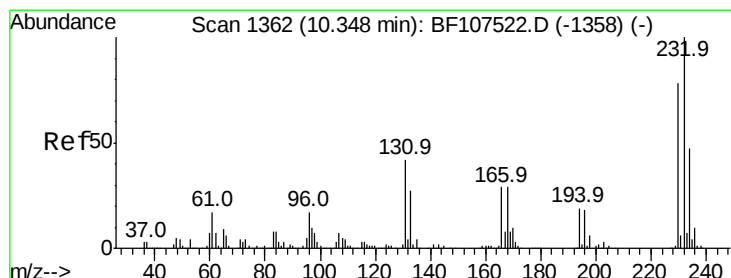
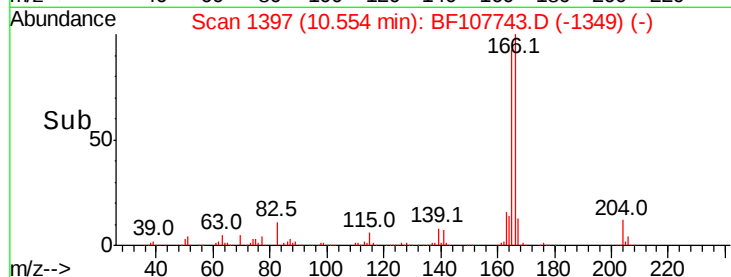
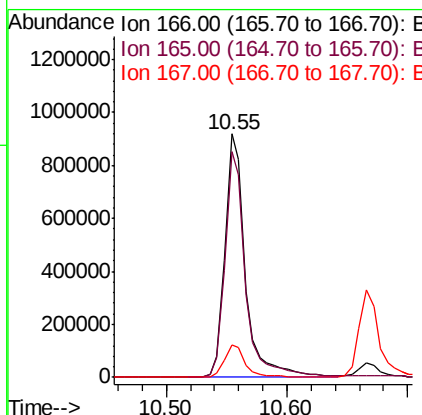
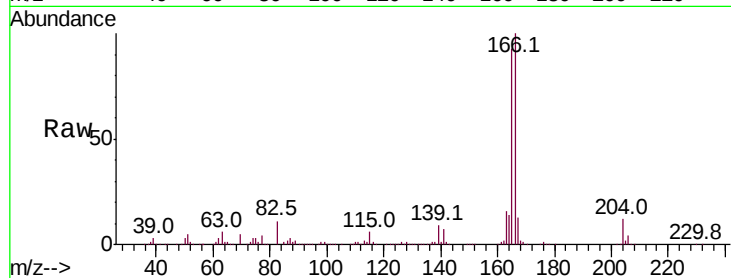




#57
 Fluorene
 Concen: 42.592 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.02 min
 Lab File: BF107743.D
 Acq: 27 Jul 2018 13:56

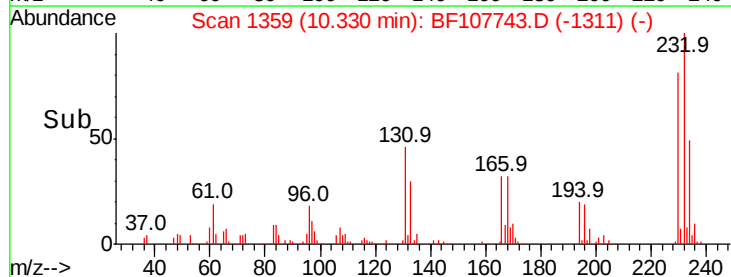
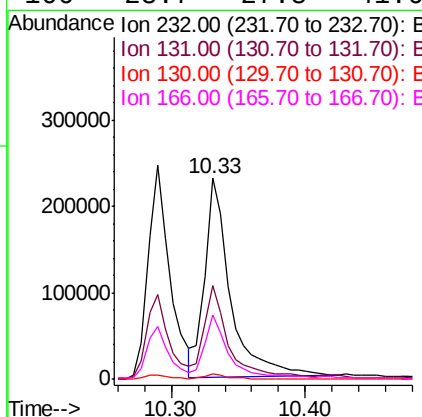
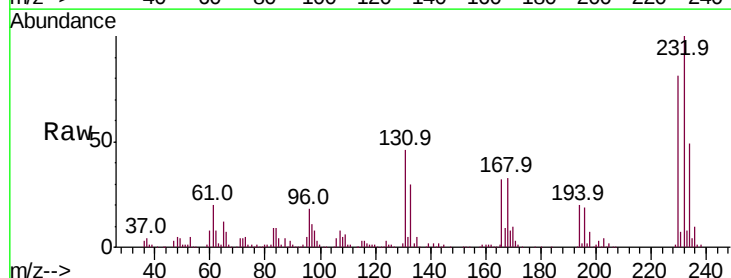
Instrument :
 BNA_F
 ClientSampleId :

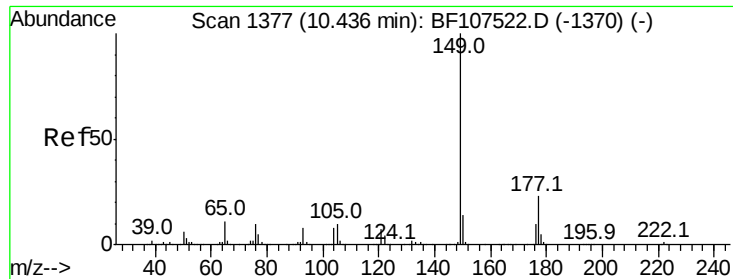
Tot Ion:166 Resp: 1076681
 Ion Ratio Lower Upper
 166 100
 165 92.9 79.8 119.8
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.180 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: BF107743.D
 Acq: 27 Jul 2018 13:56

Tgt Ion:232 Resp: 307948
 Ion Ratio Lower Upper
 232 100
 131 45.9 43.8 65.8
 130 2.3 2.1 3.1
 166 28.7 27.8 41.6

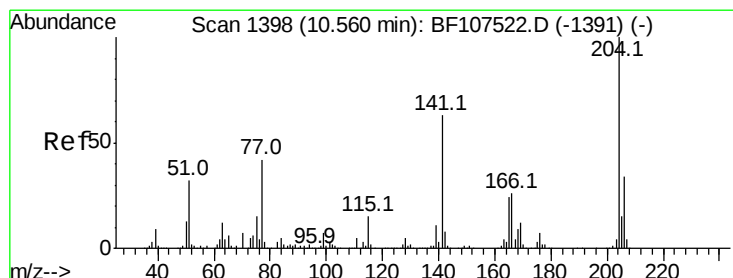
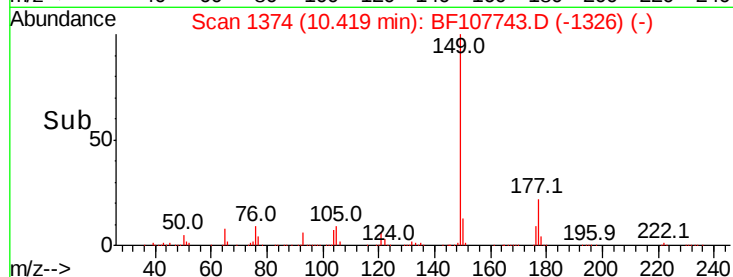
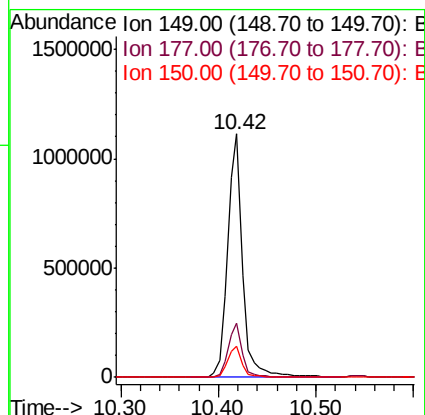
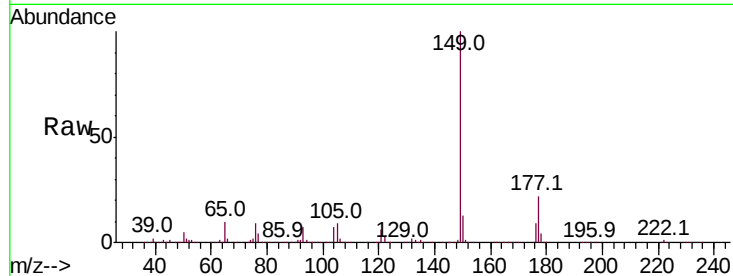




#59
Diethylphthalate
Concen: 38.949 ng
RT: 10.42 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

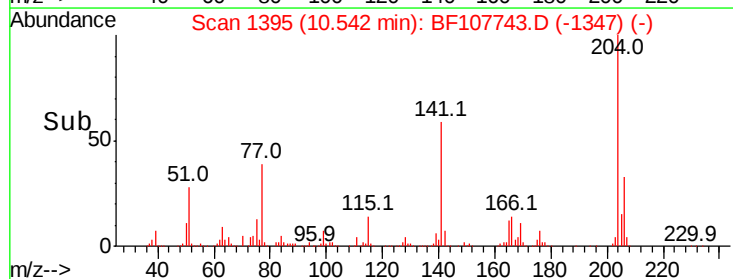
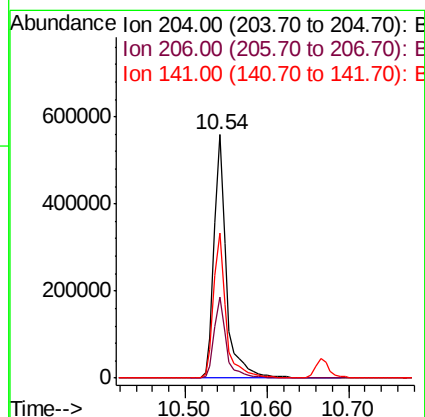
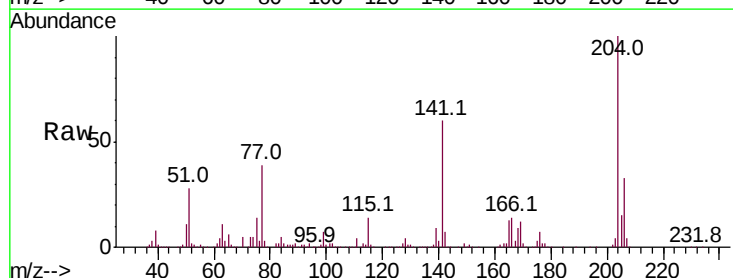
Instrument :
BNA_F
ClientSampled :

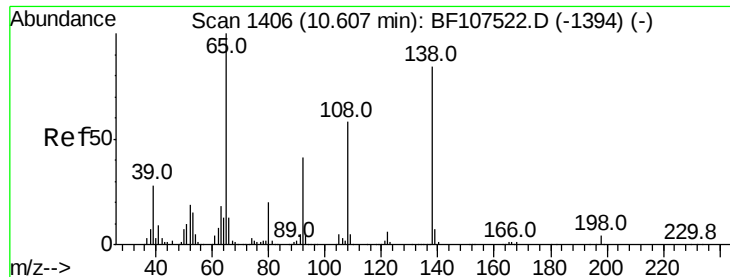
Tot Ion:149 Resp: 1177389
Ion Ratio Lower Upper
149 100
177 22.2 16.1 24.1
150 13.0 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.104 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Tgt Ion:204 Resp: 587408
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 59.5 54.6 81.8

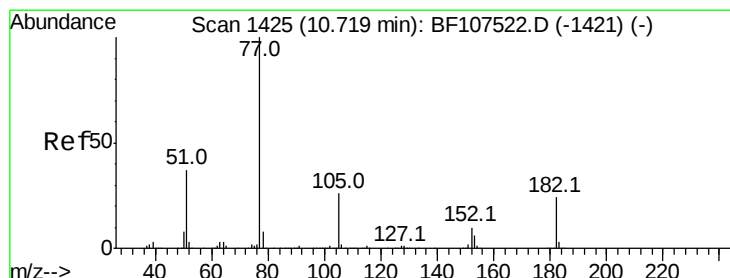
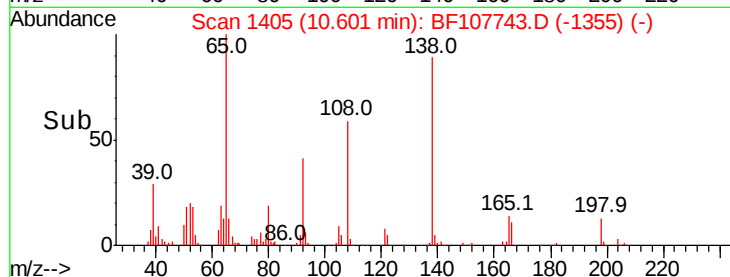
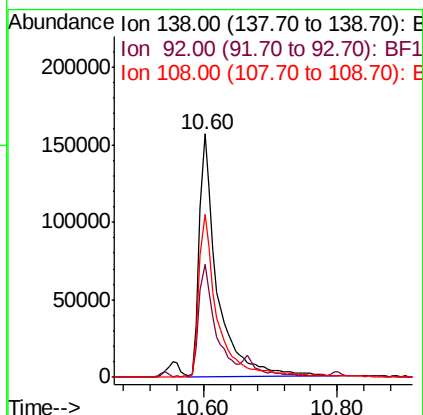
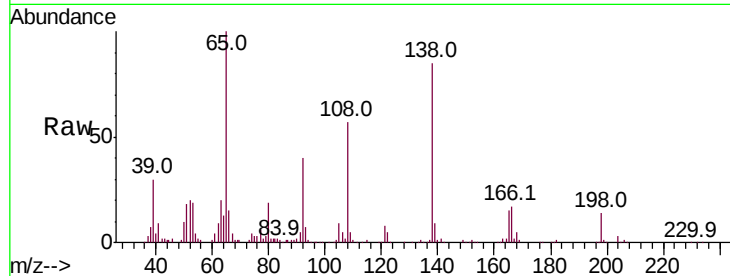




#61
4-Nitroaniline
Concen: 48.335 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

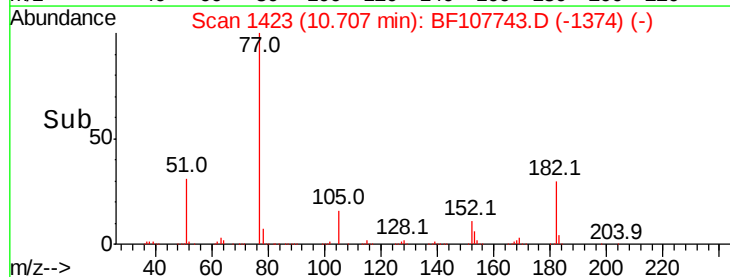
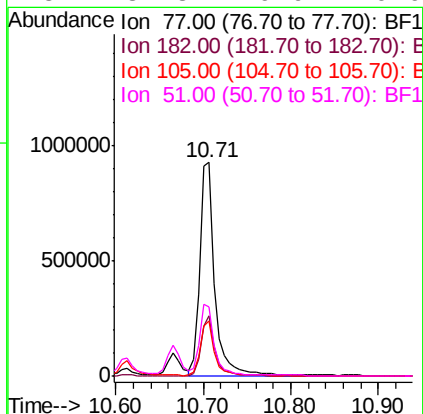
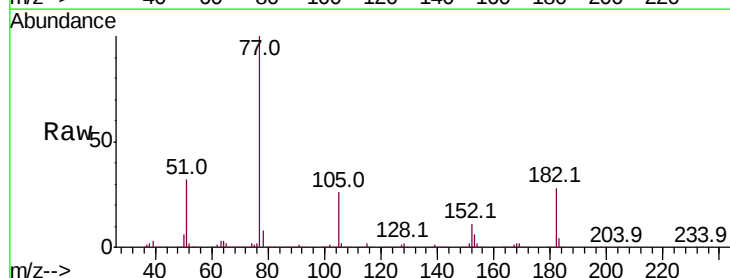
Instrument :
BNA_F
ClientSampleId :

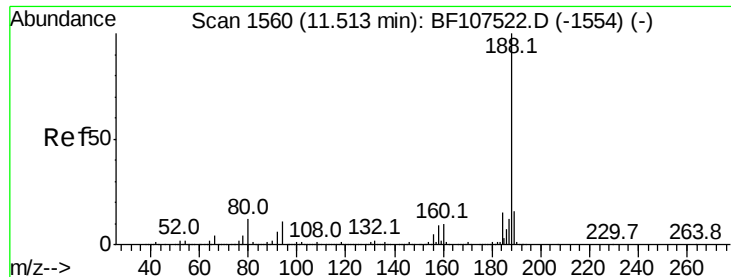
Tot Ion:138 Resp: 283898
Ion Ratio Lower Upper
138 100
92 46.4 30.2 70.2
108 67.1 52.5 92.5



#62
Azobenzene
Concen: 38.845 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Tgt Ion: 77 Resp: 1101084
Ion Ratio Lower Upper
77 100
182 28.5 1.7 41.7
105 25.8 3.0 43.0
51 32.3 9.9 49.9

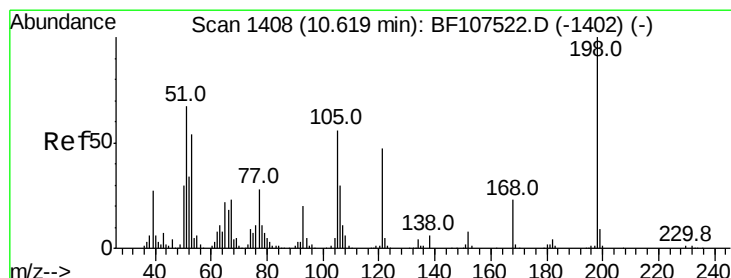
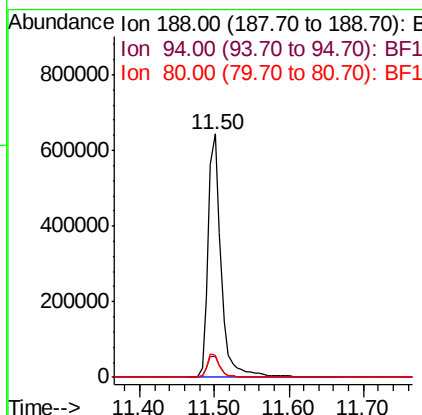
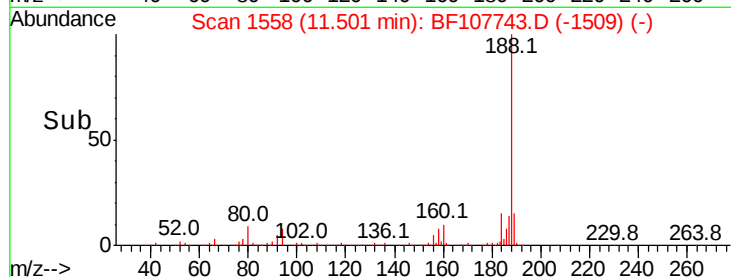
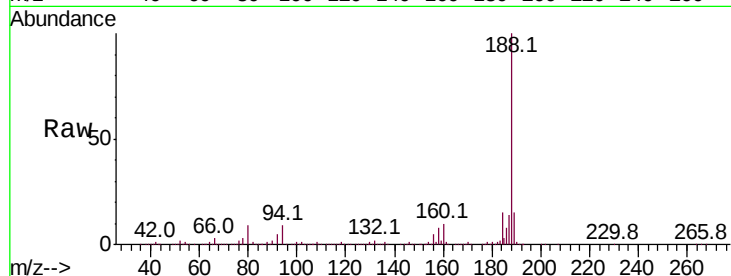




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

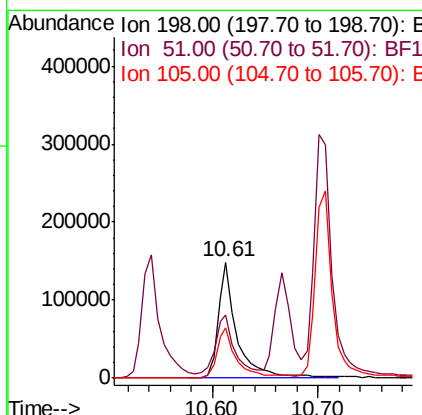
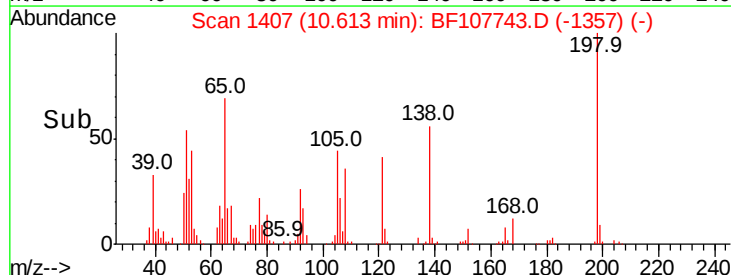
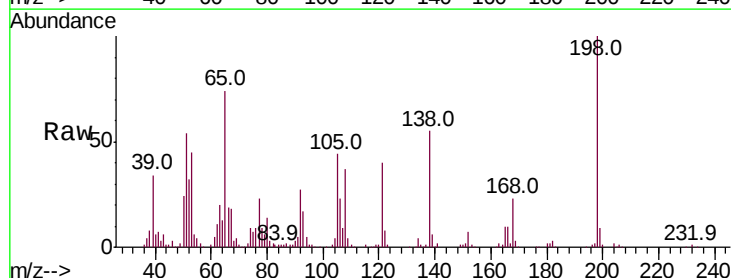
Instrument :
BNA_F
ClientSampleId :

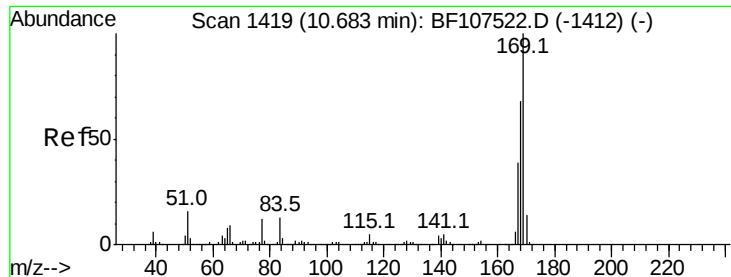
Tot Ion:188 Resp: 781387
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 9.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 48.804 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Tgt Ion:198 Resp: 184767
Ion Ratio Lower Upper
198 100
51 54.2 37.7 77.7
105 43.7 36.3 76.3

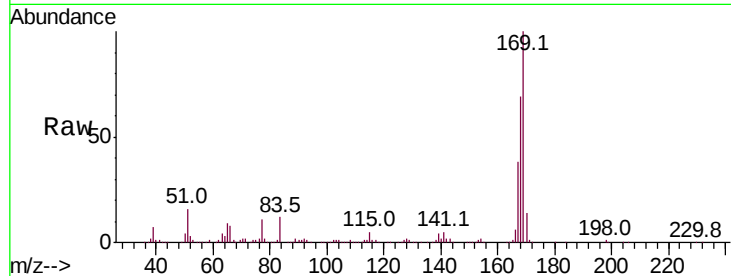




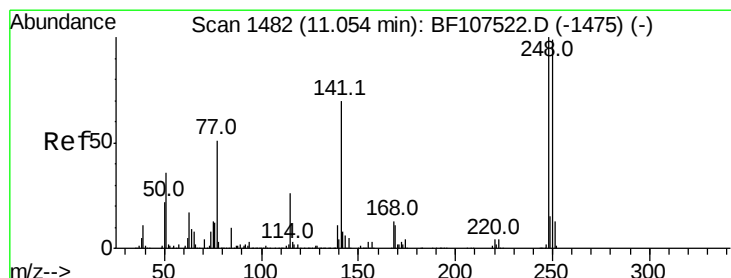
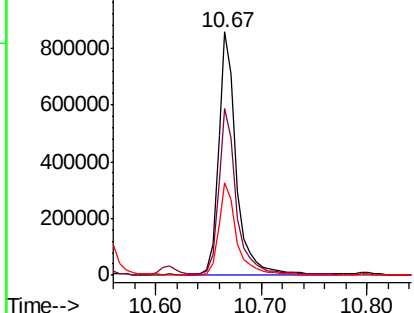
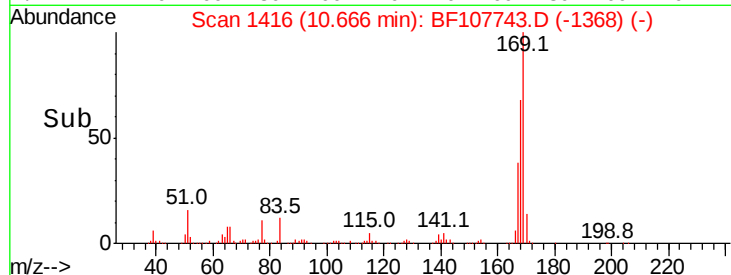
#65
n-Nitrosodiphenylamine
Concen: 38.145 ng
RT: 10.67 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:169 Resp: 1012280
Ion Ratio Lower Upper
169 100
168 68.6 54.4 81.6
167 38.2 29.8 44.6

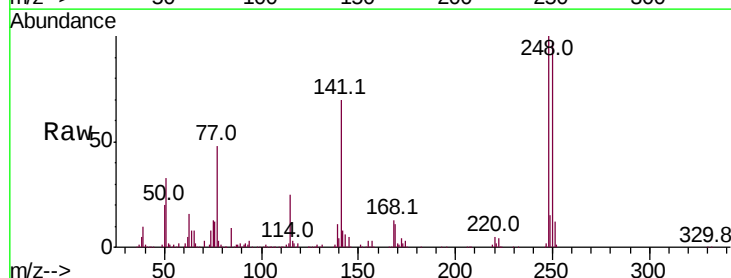


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

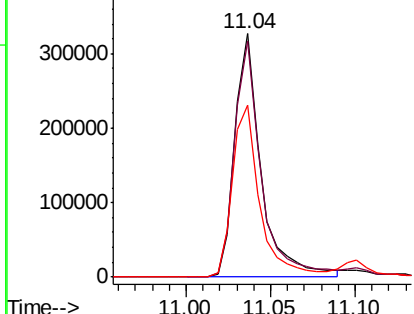
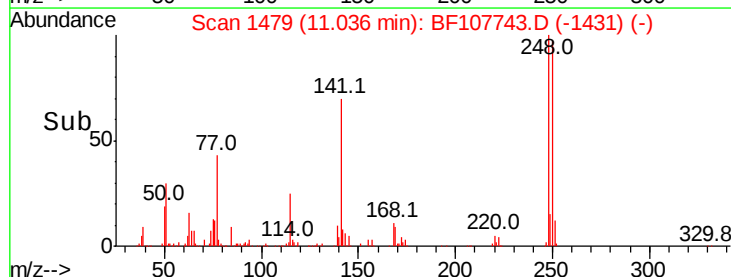


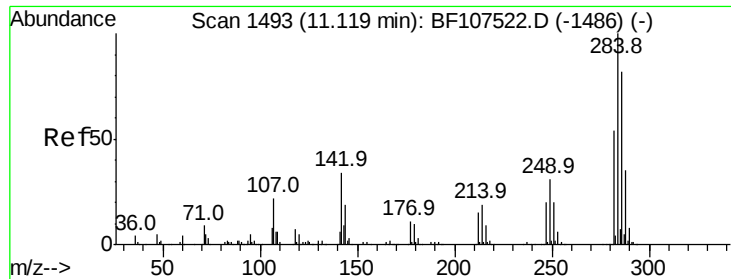
#66
4-Bromophenyl-phenylether
Concen: 38.611 ng
RT: 11.04 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Tgt Ion:248 Resp: 355151
Ion Ratio Lower Upper
248 100
250 97.1 76.9 115.3
141 70.4 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

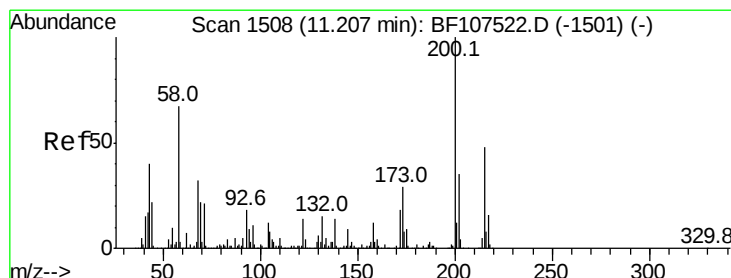
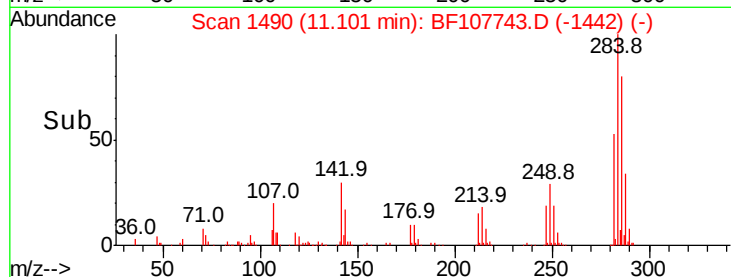
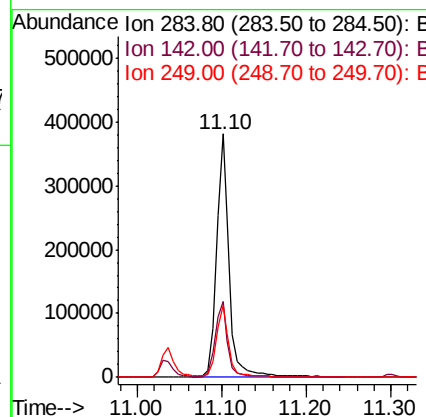
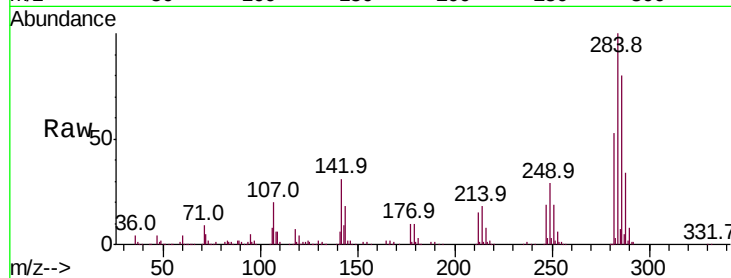




#67
Hexachlorobenzene
Concen: 40.128 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.02 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

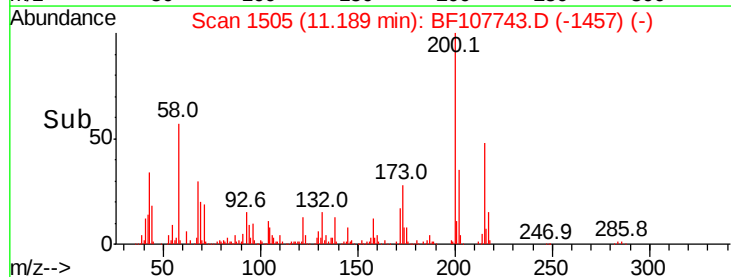
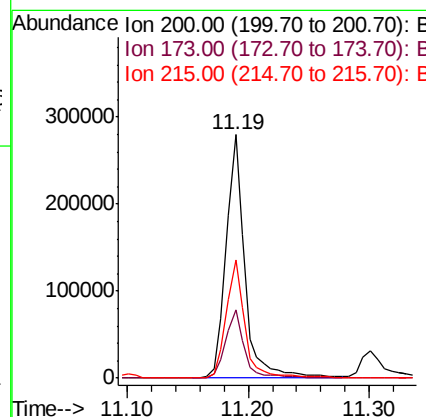
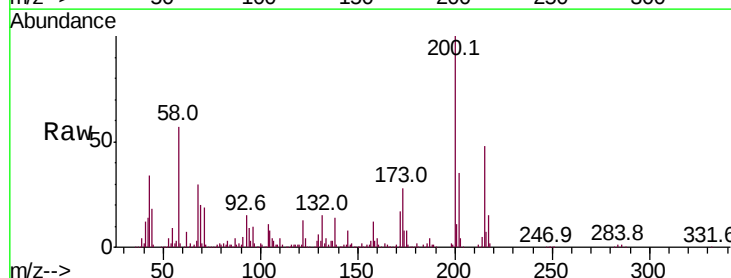
Instrument :
BNA_F
ClientSampled :

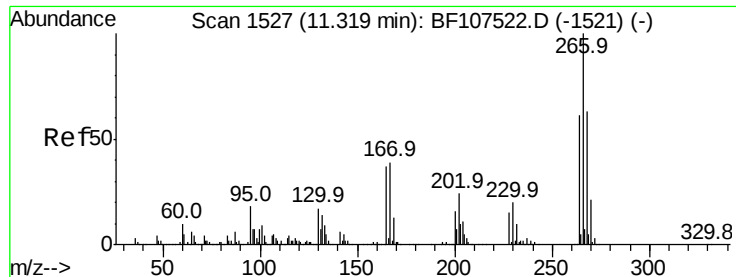
Tot Ion	Ratio	Lower	Upper
284	100		
142	31.1	34.6	52.0#
249	29.4	24.8	37.2



#68
Atrazine
Concen: 37.145 ng
RT: 11.19 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.1	8.6	48.6
215	48.4	25.1	65.1

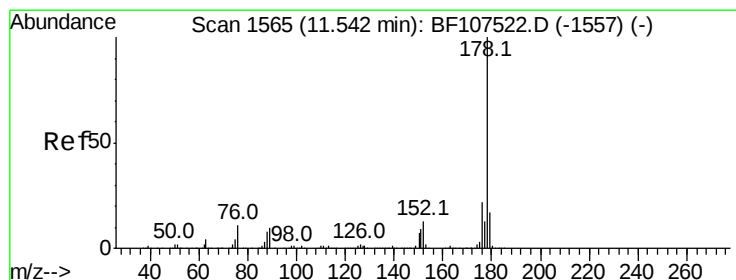
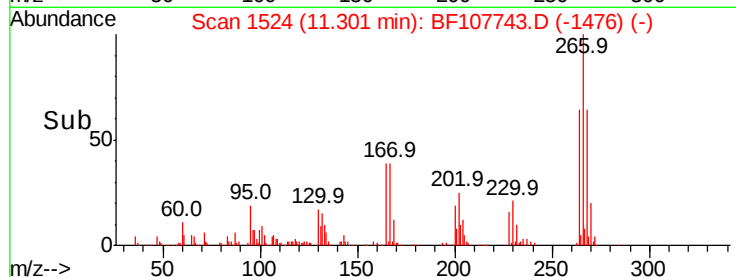
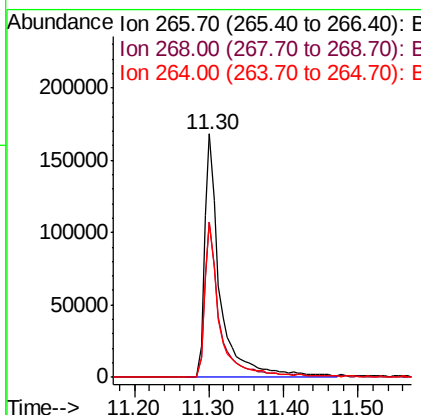
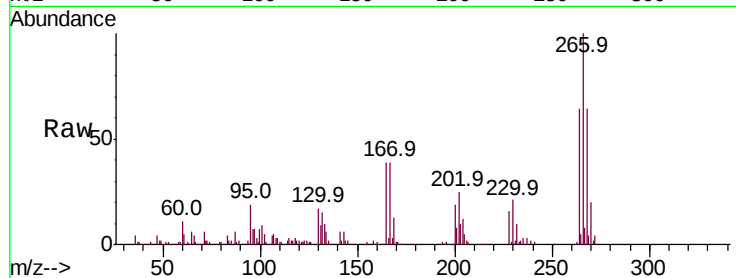




#69
 Pentachlorophenol
 Concen: 38.705 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.02 min
 Lab File: BF107743.D
 Acq: 27 Jul 2018 13:56

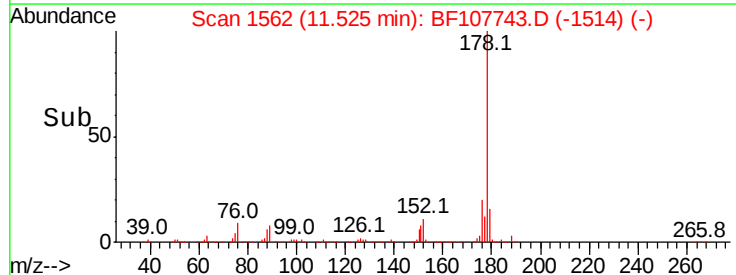
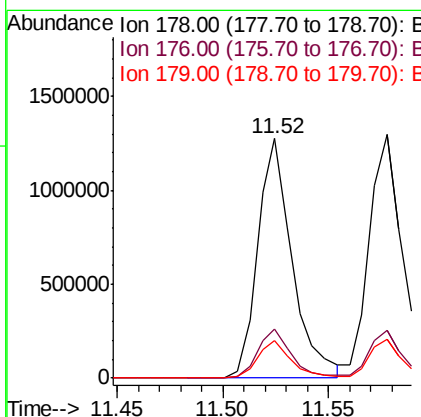
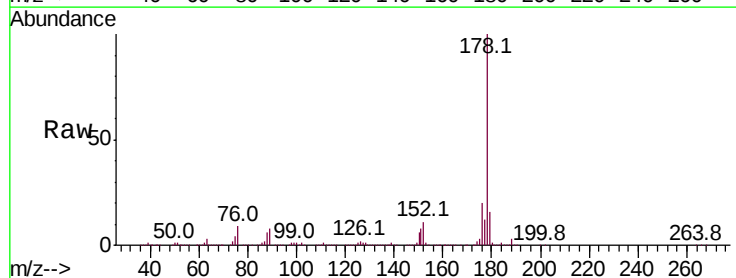
Instrument :
 BNA_F
 ClientSampleId :

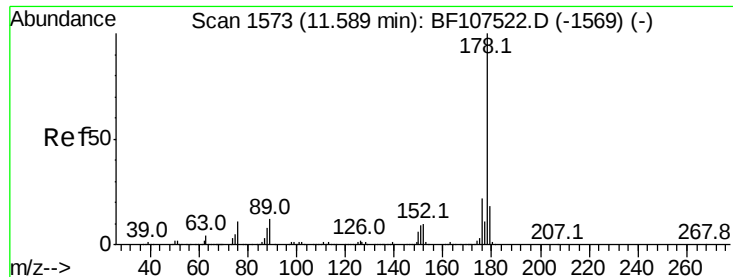
Tot Ion:266 Resp: 244680
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.1 76.7
 264 64.0 49.5 74.3



#70
 Phenanthrene
 Concen: 38.015 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BF107743.D
 Acq: 27 Jul 2018 13:56

Tgt Ion:178 Resp: 1447490
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.8
 179 15.9 13.0 19.6

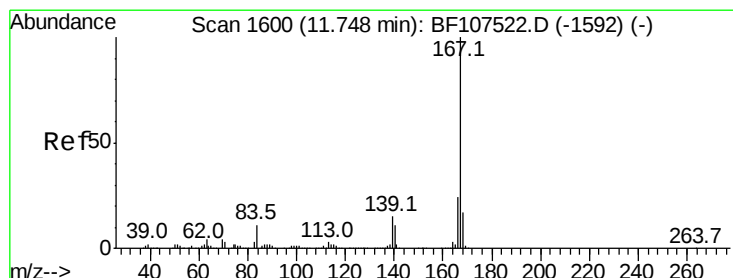
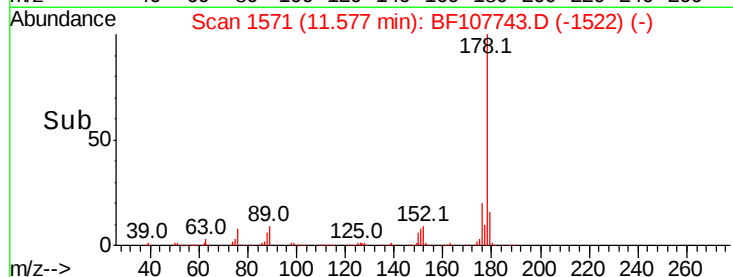
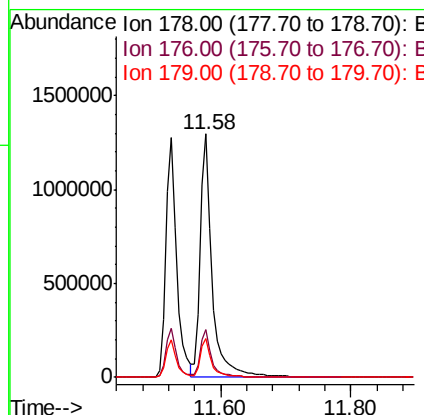
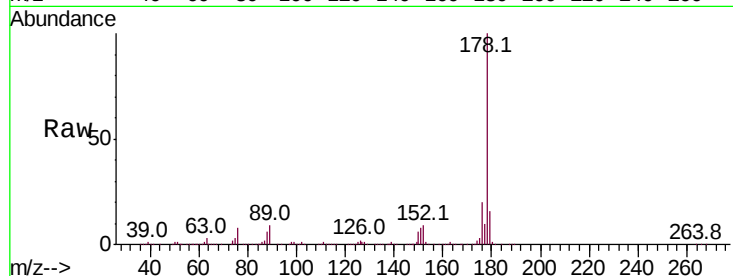




#71
 Anthracene
 Concen: 42.897 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF107743.D
 Acq: 27 Jul 2018 13:56

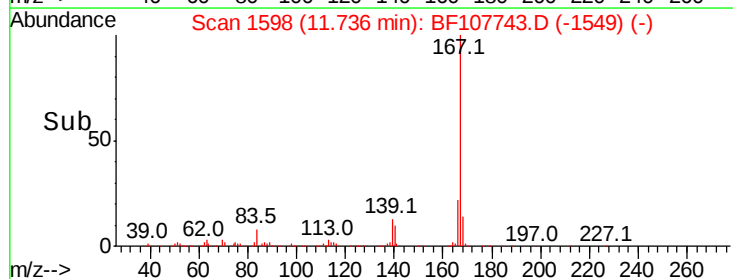
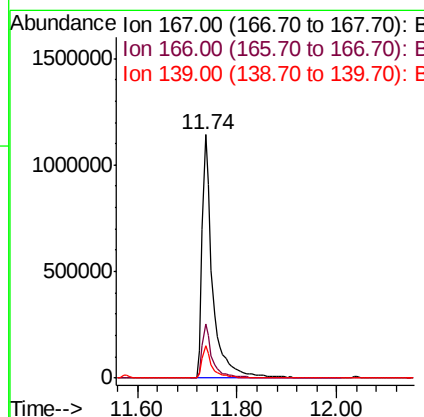
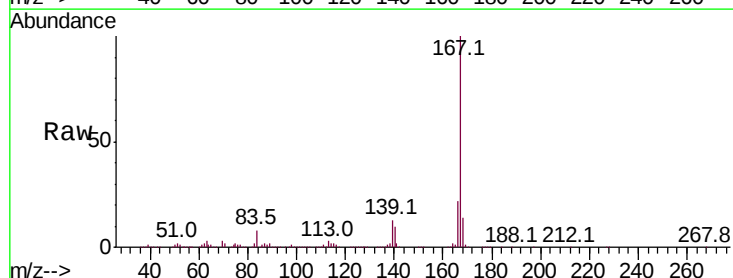
Instrument :
 BNA_F
 ClientSampleId :

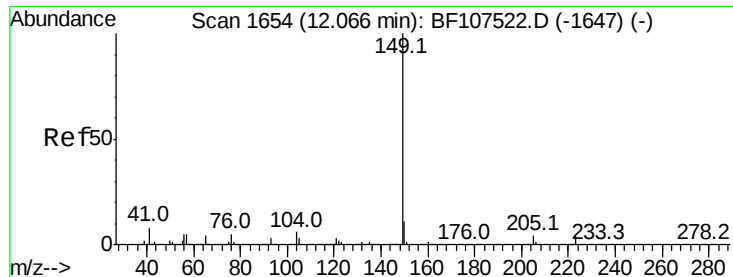
Tot Ion:178 Resp: 1644589
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 41.801 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107743.D
 Acq: 27 Jul 2018 13:56

Tgt Ion:167 Resp: 1666471
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.1 10.9 16.3

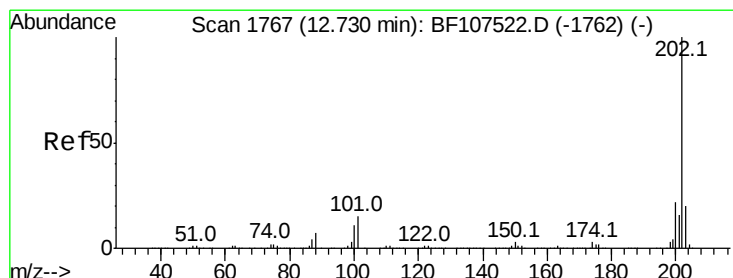
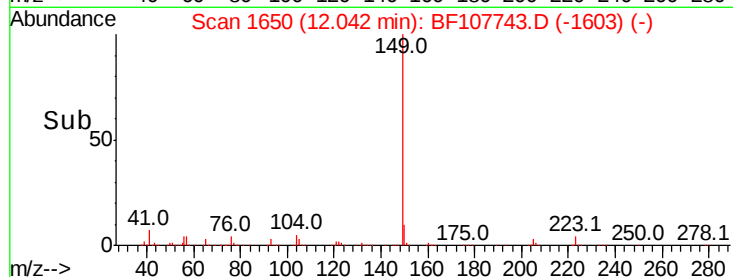
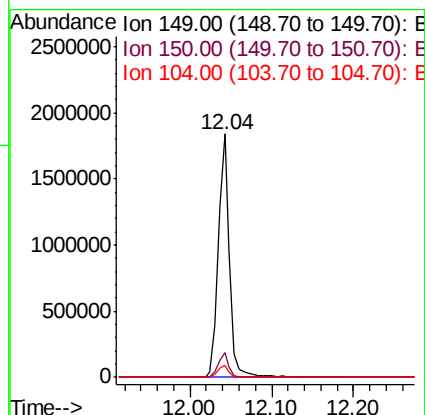
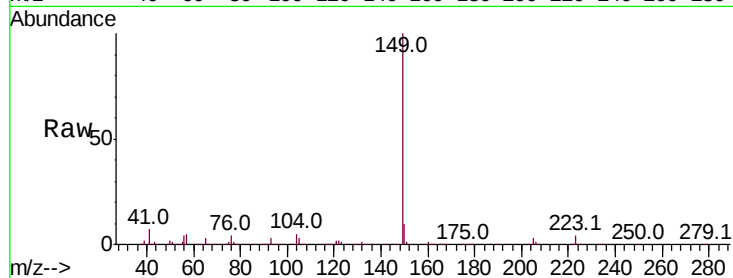




#73
Di-n-butylphthalate
Concen: 42.313 ng
RT: 12.04 min Scan# 1650
Delta R.T. -0.02 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

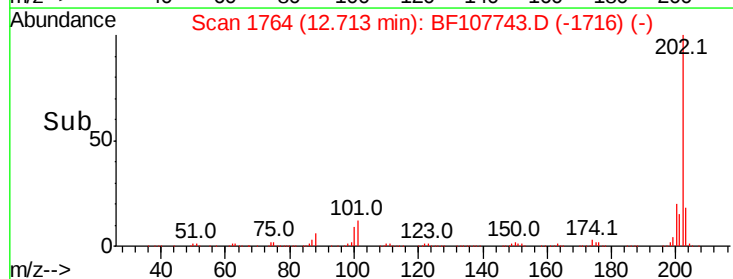
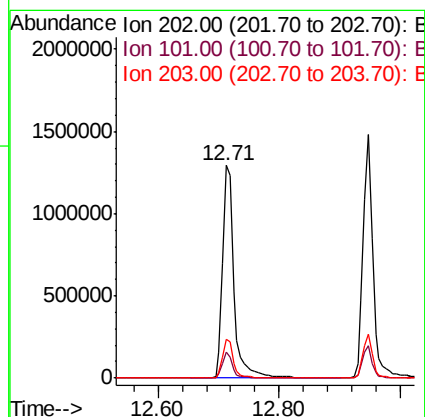
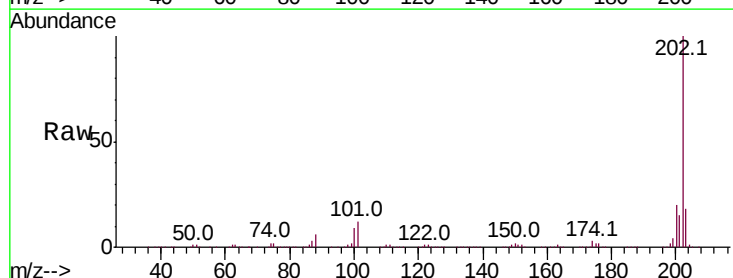
Instrument :
BNA_F
ClientSampleId :

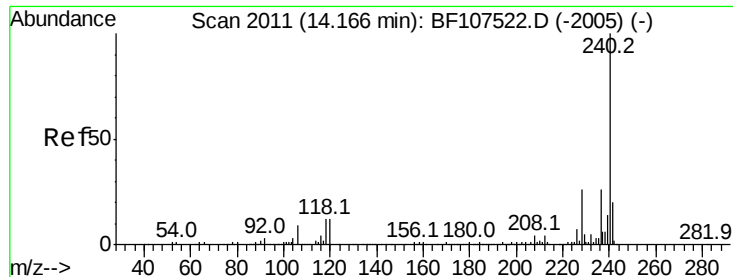
Tot Ion:149 Resp: 1766512
Ion Ratio Lower Upper
149 100
150 9.9 7.8 11.6
104 5.0 3.8 5.8



#74
Fluoranthene
Concen: 40.720 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Tgt Ion:202 Resp: 1663793
Ion Ratio Lower Upper
202 100
101 12.4 0.0 34.1
203 18.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

Instrument :

BNA_F

ClientSampleId :

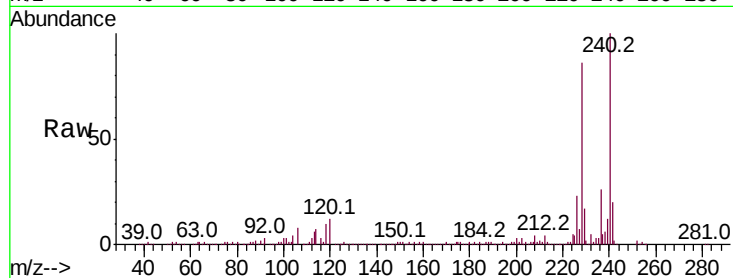
Tot Ion:240 Resp: 589018

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

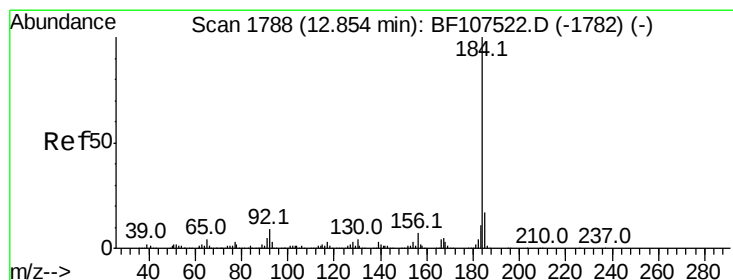
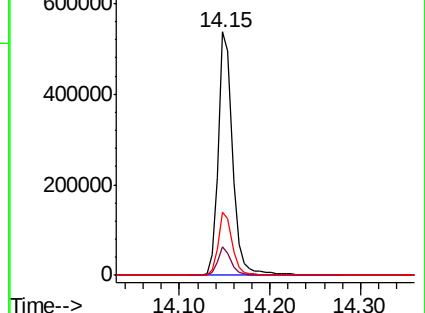
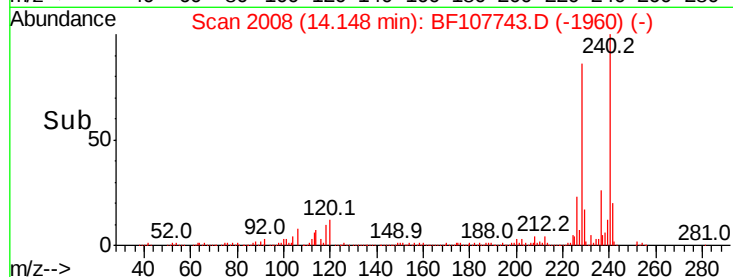
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.665 ng

RT: 12.84 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

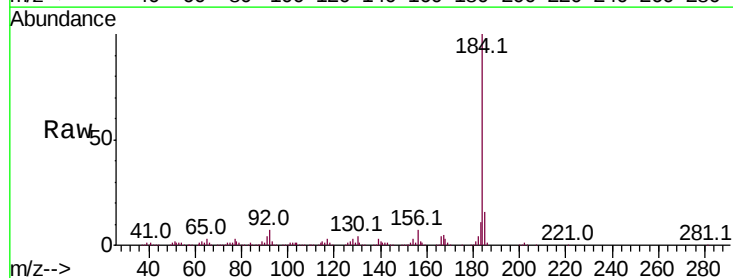
Tgt Ion:184 Resp: 723716

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

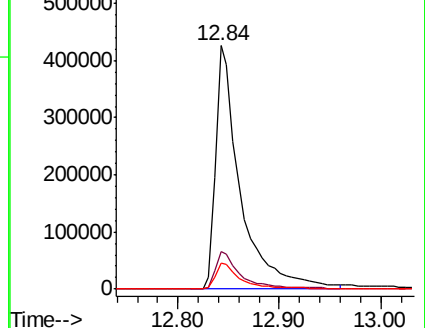
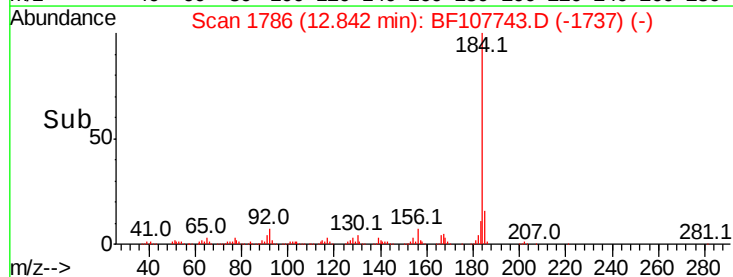
183 10.8 9.3 13.9

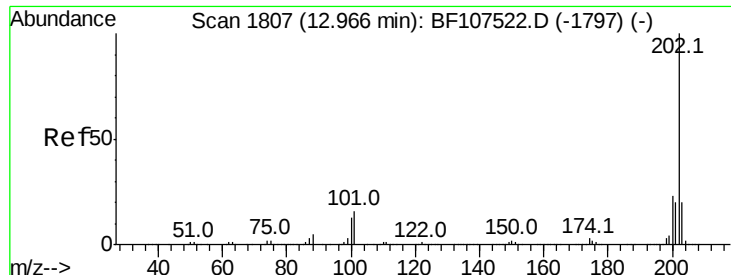


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

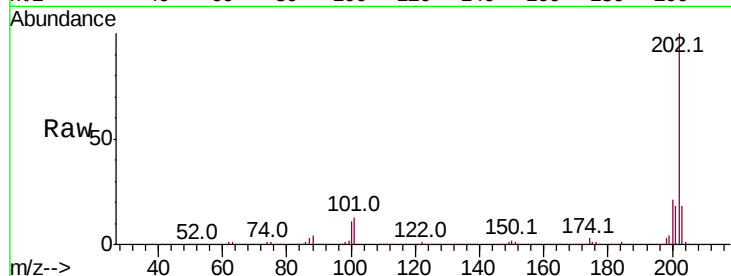




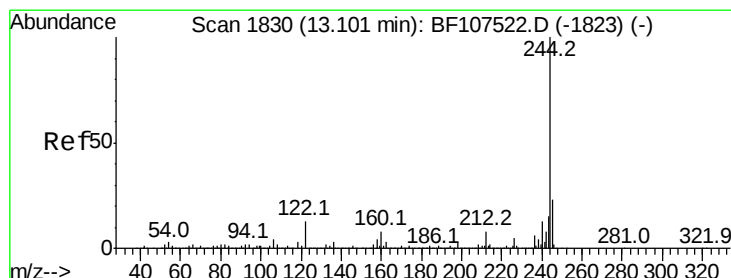
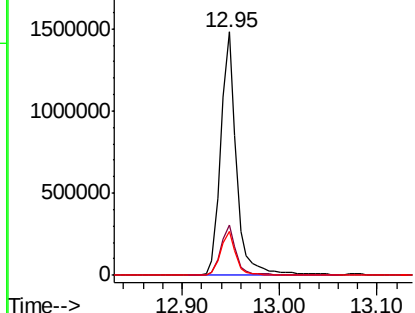
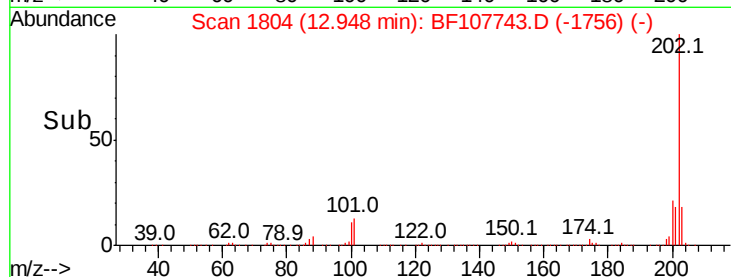
#77
Pvrene
Concen: 40.778 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.02 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1642912
Ion Ratio Lower Upper
202 100
200 20.7 17.4 26.2
203 18.1 14.3 21.5

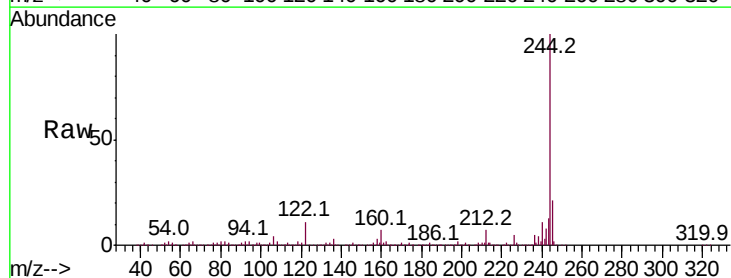


Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

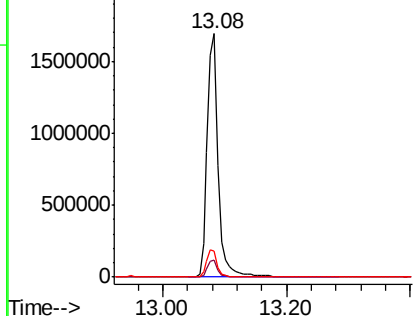
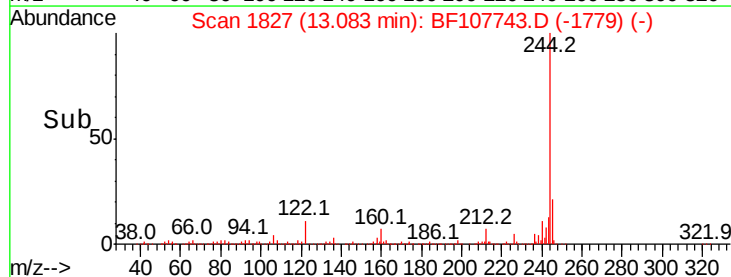


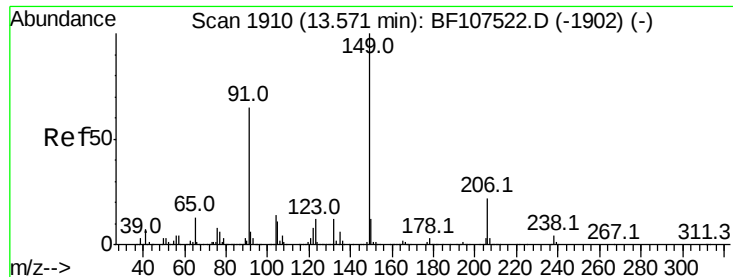
#78
Terphenyl-d14
Concen: 90.321 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Tgt Ion:244 Resp: 2078081
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 10.8 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
2000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

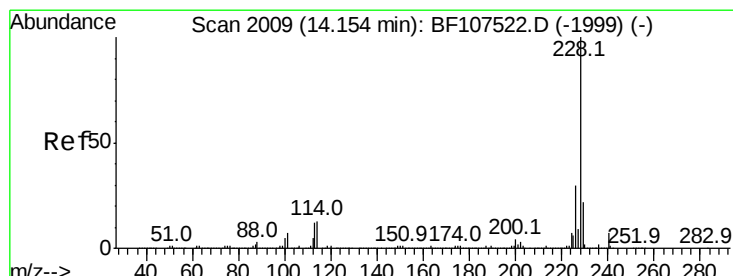
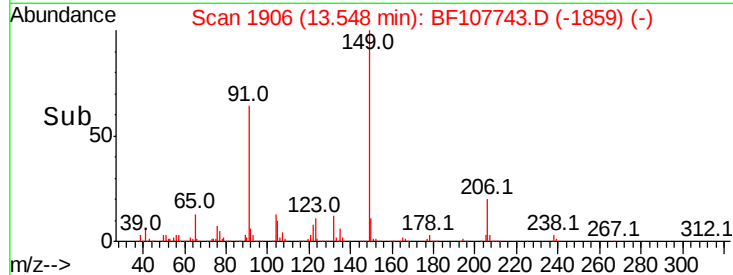
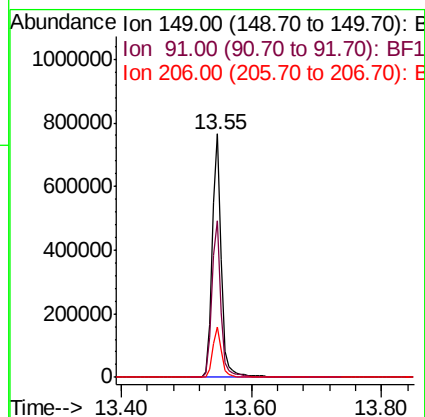
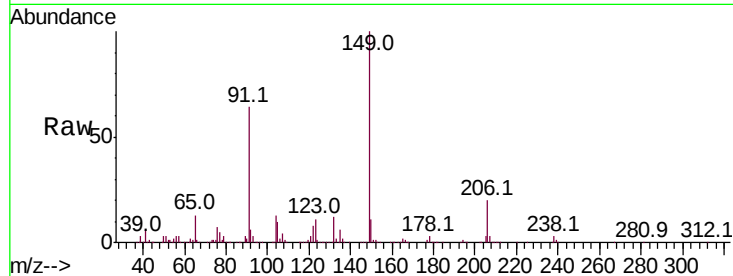




#79
Butylbenzylphthalate
Concen: 42.711 ng
RT: 13.55 min Scan# 1906
Delta R.T. -0.02 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

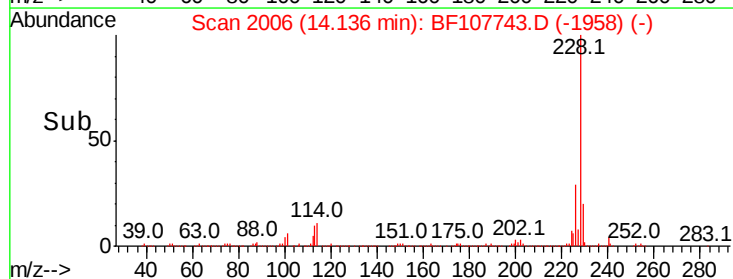
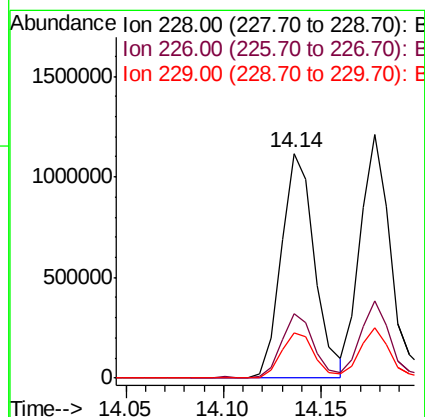
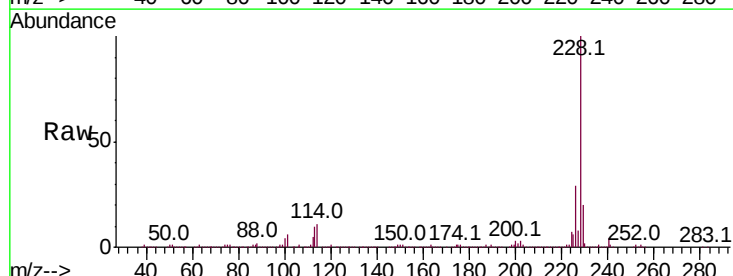
Instrument :
BNA_F
ClientSampled :

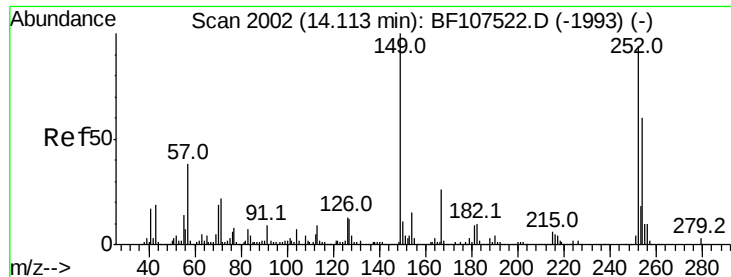
Tot Ion:149 Resp: 740033
Ion Ratio Lower Upper
149 100
91 64.3 56.8 85.2
206 20.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.180 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Tgt Ion:228 Resp: 1317872
Ion Ratio Lower Upper
228 100
226 28.8 22.6 33.8
229 20.4 15.8 23.6

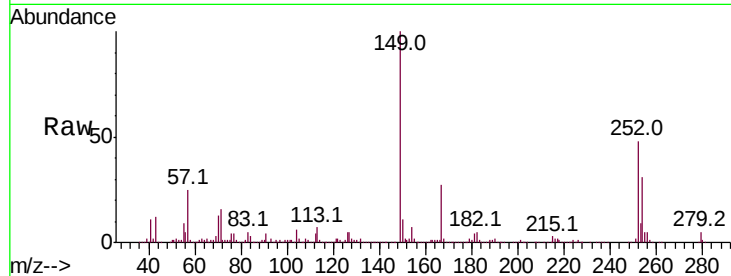




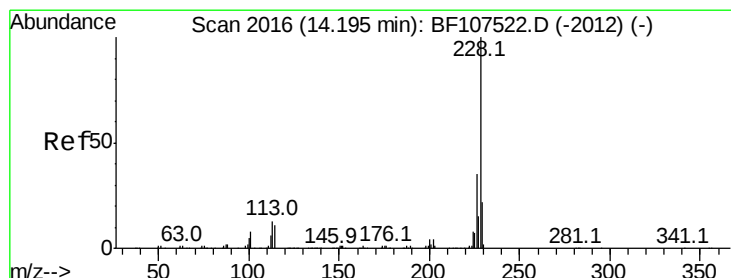
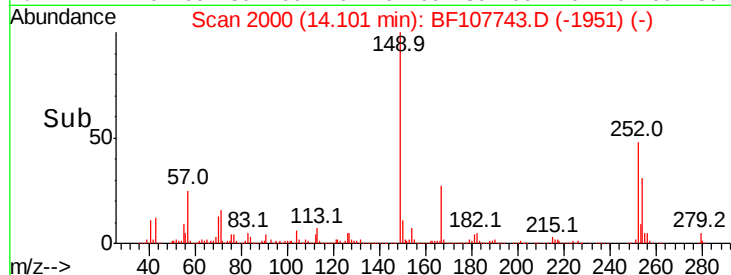
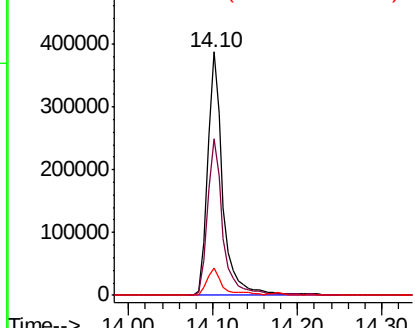
#81
 3,3'-Dichlorobenzidine
 Concen: 49.004 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107743.D
 Acq: 27 Jul 2018 13:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 488678
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.4 75.6
 126 11.1 11.3 16.9#

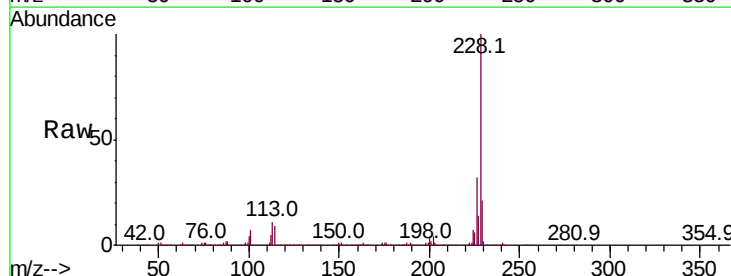


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

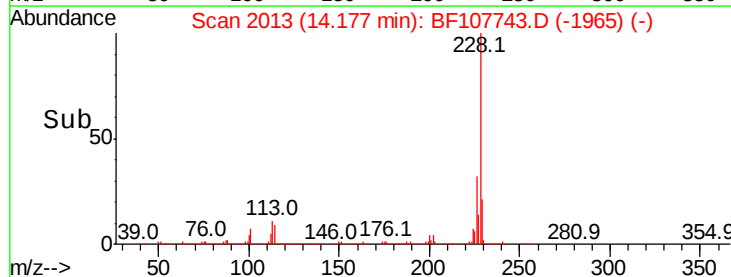
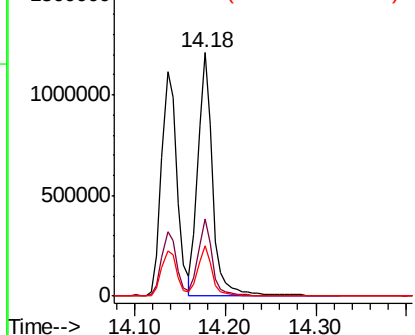


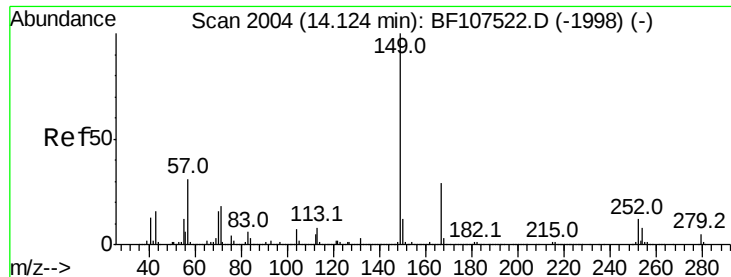
#82
 Chrysene
 Concen: 41.117 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.02 min
 Lab File: BF107743.D
 Acq: 27 Jul 2018 13:56

Tgt Ion:228 Resp: 1363325
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.0 37.6
 229 20.5 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.654 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.03 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

Instrument :

BNA_F

ClientSampleId :

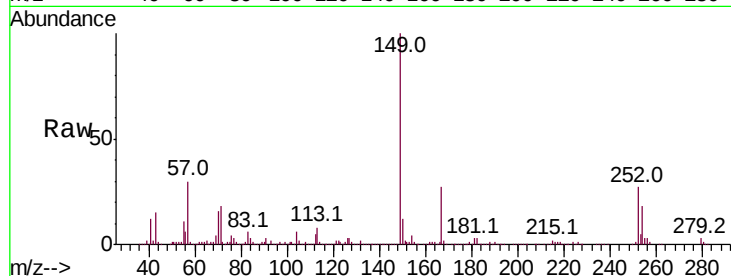
Tot Ion:149 Resp: 896117

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

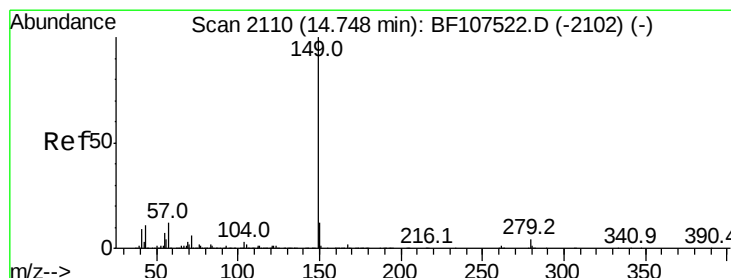
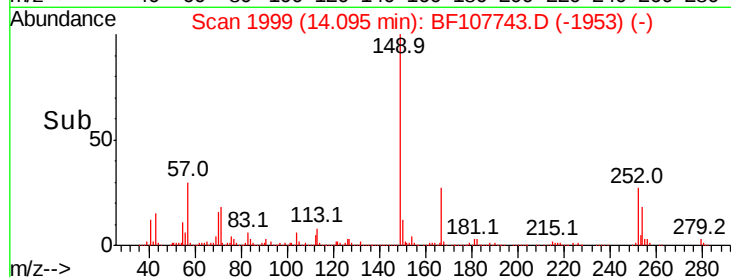
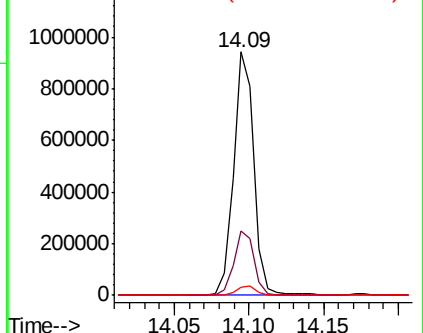
279 3.3 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.445 ng

RT: 14.72 min Scan# 2105

Delta R.T. -0.03 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

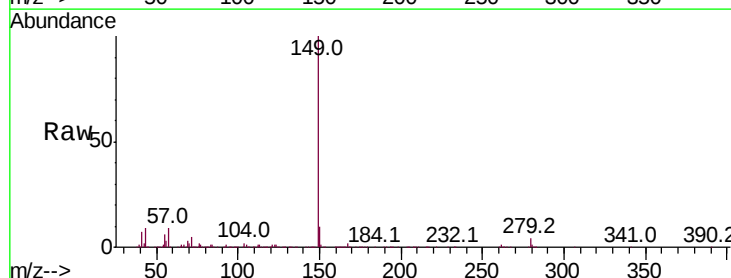
Tgt Ion:149 Resp: 1498940

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

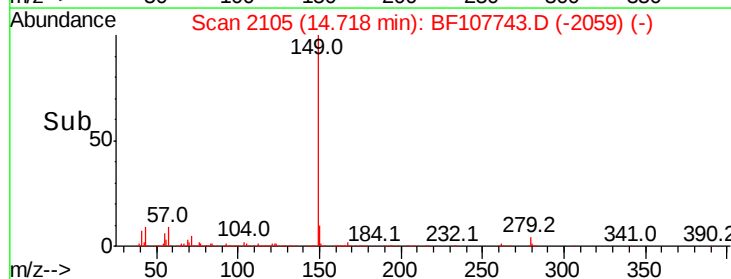
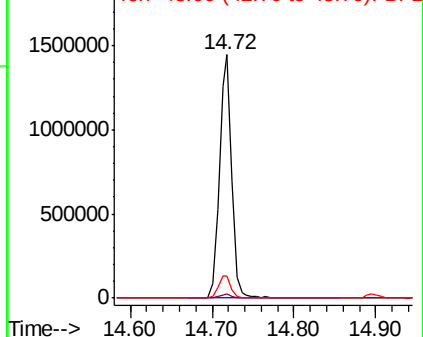
43 9.6 8.4 12.6

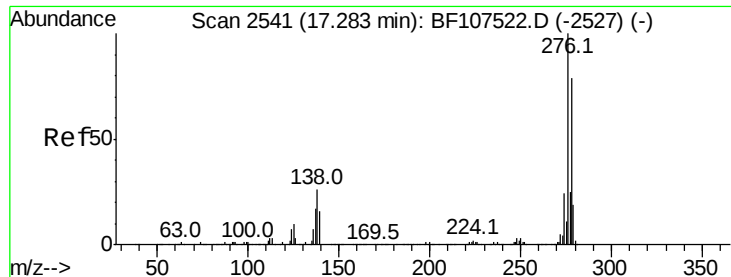


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 33.706 ng

RT: 17.25 min Scan# 2535

Delta R.T. -0.04 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

Instrument :

BNA_F

ClientSampleId :

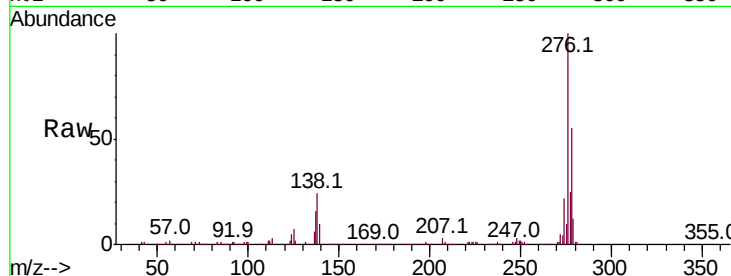
Tot Ion:276 Resp: 947204

Ion Ratio Lower Upper

276 100

138 24.2 25.0 37.6#

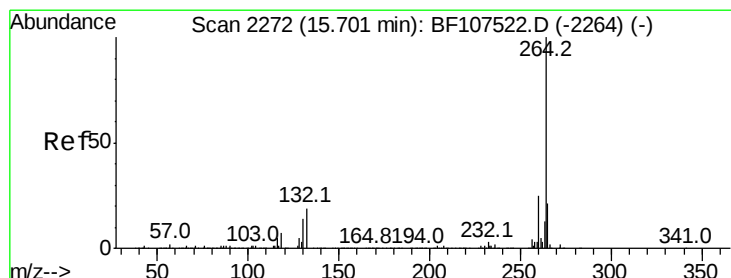
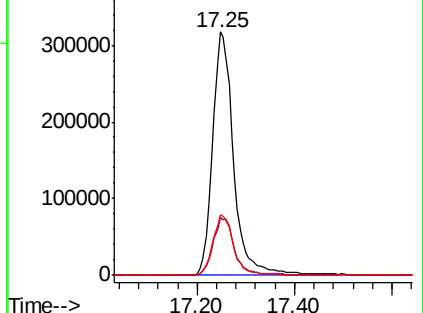
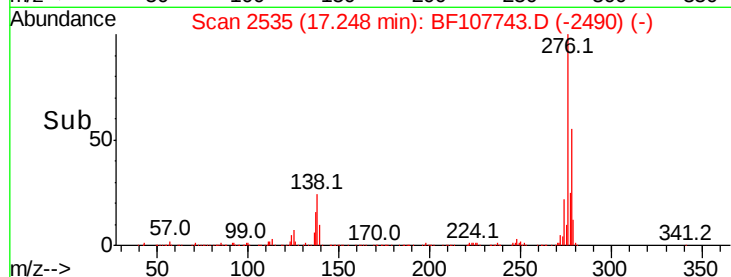
277 24.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

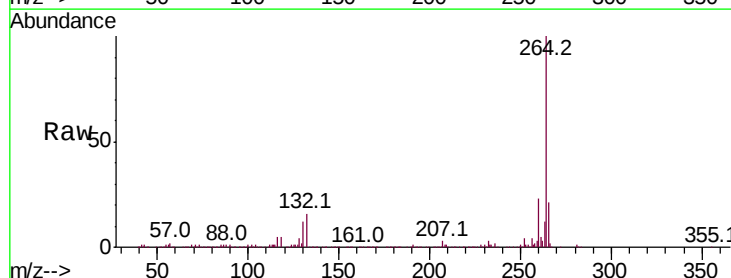
Tgt Ion:264 Resp: 491784

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

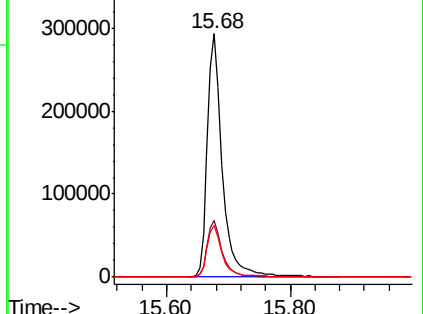
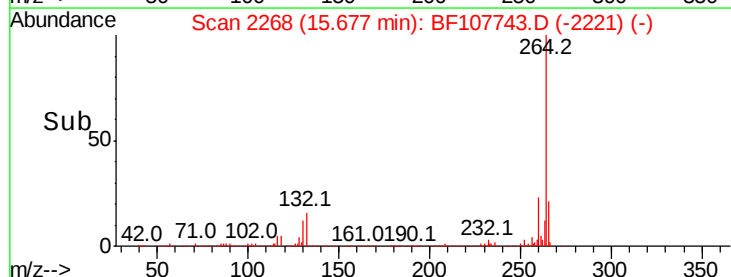
265 21.3 17.5 26.3

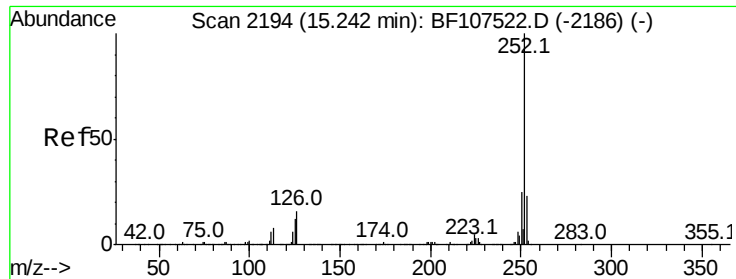


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

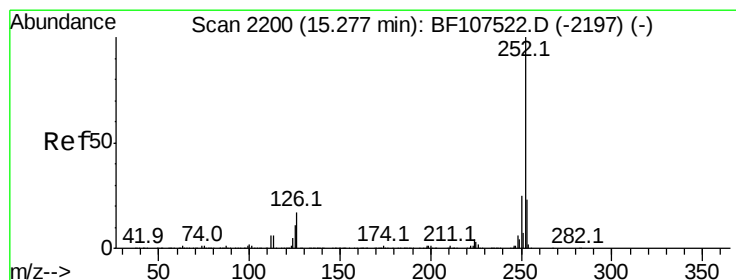
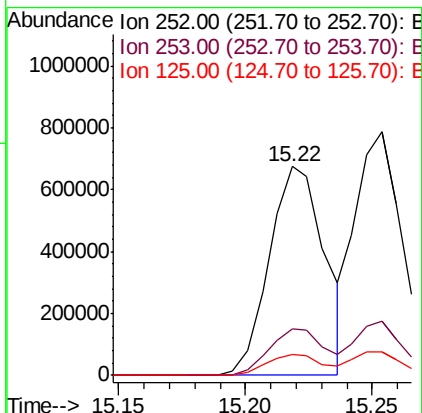
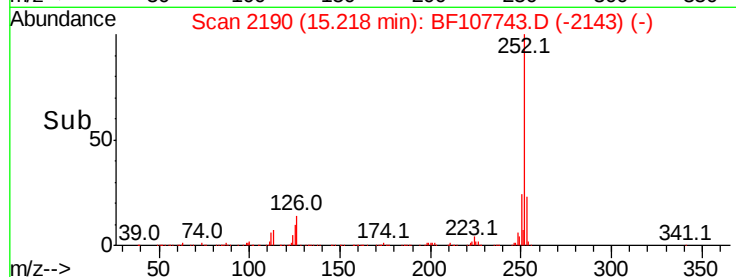
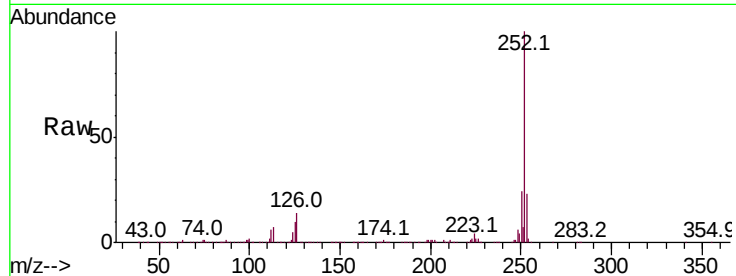




#87
Benzo(b)fluoranthene
Concen: 38.272 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

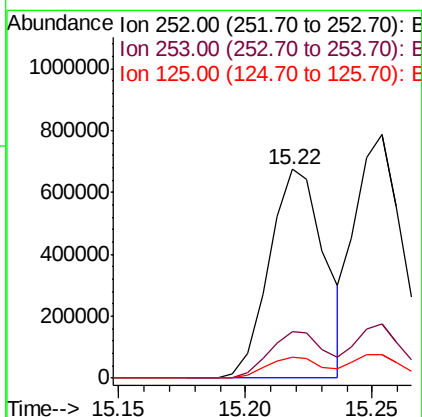
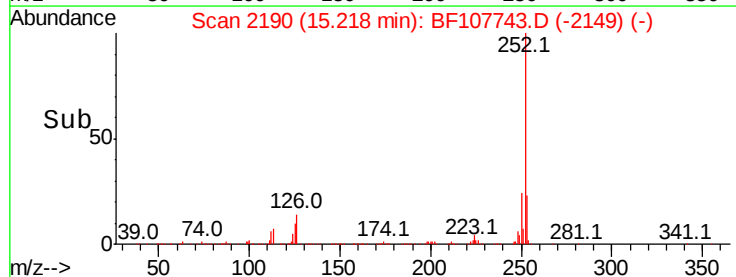
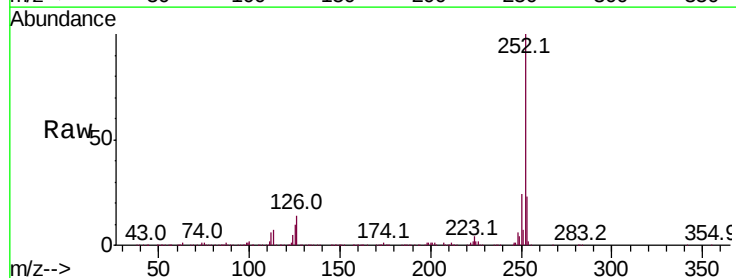
Instrument :
BNA_F
ClientSampleId :

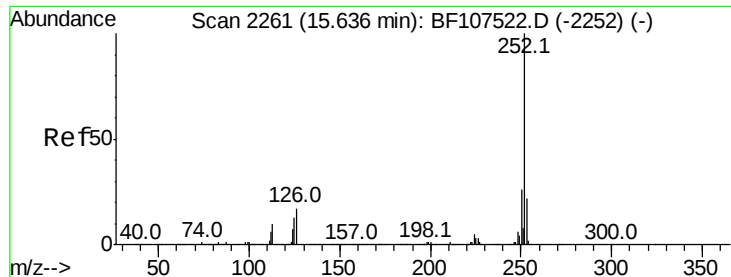
Tot Ion:252 Resp: 1030091
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 10.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.064 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.06 min
Lab File: BF107743.D
Acq: 27 Jul 2018 13:56

Tgt Ion:252 Resp: 1030091
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 10.2 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.541 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

Instrument :

BNA_F

ClientSampleId :

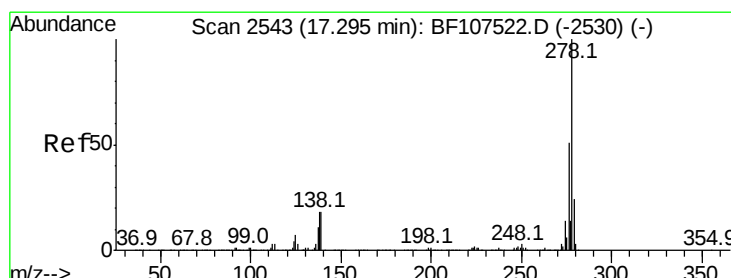
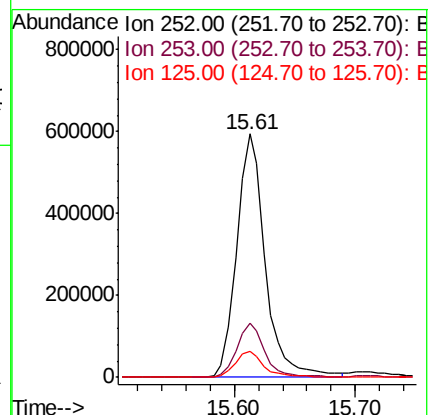
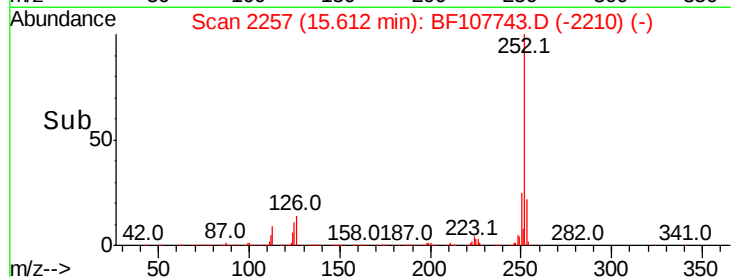
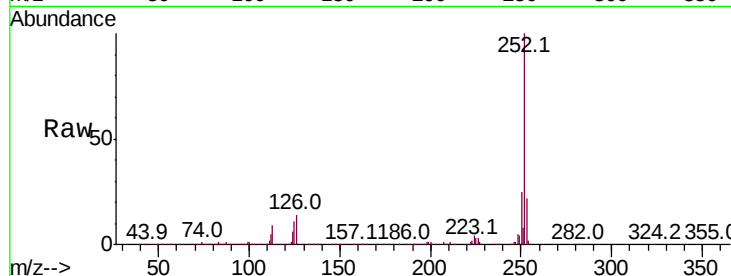
Tot Ion:252 Resp: 973502

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

125 10.5 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 37.869 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.03 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

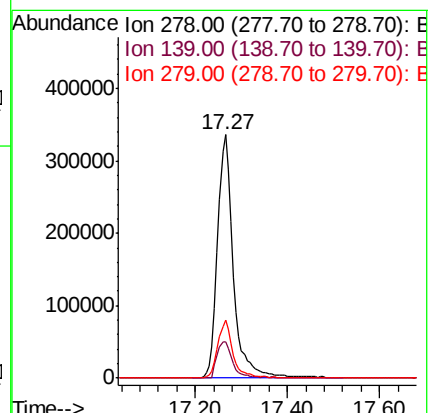
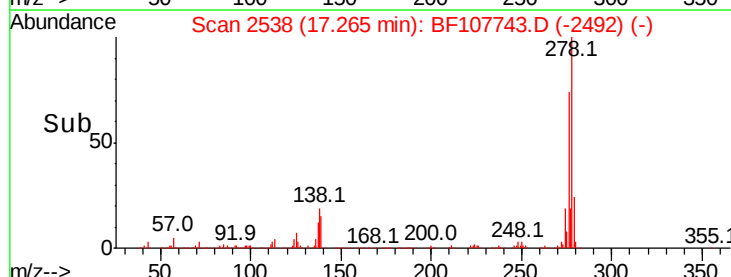
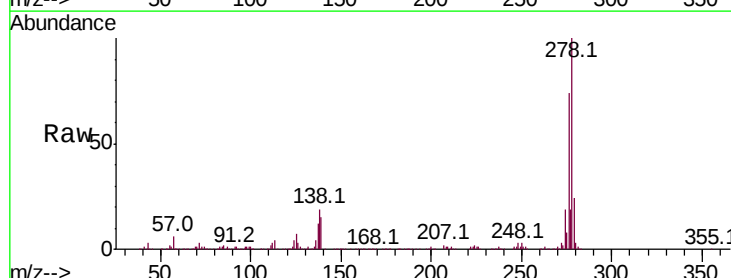
Tgt Ion:278 Resp: 805939

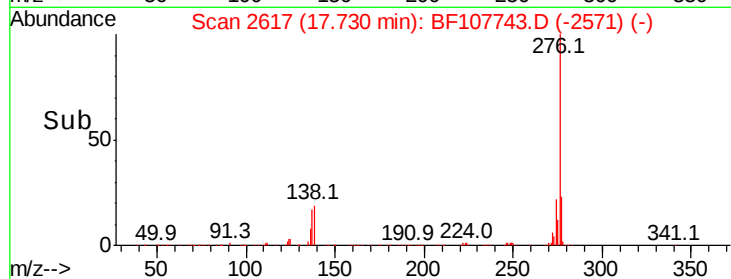
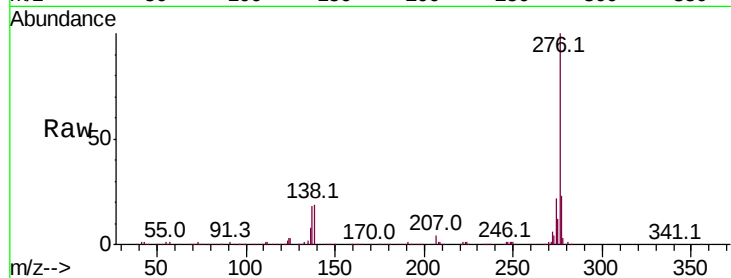
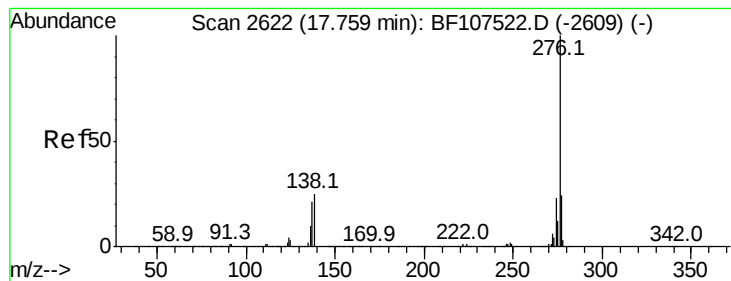
Ion Ratio Lower Upper

278 100

139 14.9 15.9 23.9#

279 24.1 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 37.252 ng

RT: 17.73 min Scan# 2617

Delta R.T. -0.03 min

Lab File: BF107743.D

Acq: 27 Jul 2018 13:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 782007

Ion Ratio Lower Upper

276 100

277 22.6 17.9 26.9

138 18.9 21.8 32.8#

