

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106315.D
 Acq On : 12 Jun 2018 00:29
 Operator : JU/SJ
 Sample : J3422-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

Quant Time: Jun 12 01:47:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	204950	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	738079	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	314861	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	499689	20.00	ng	0.00
75) Chrysene-d12	14.15	240	478583	20.00	ng	-0.01
86) Perylene-d12	15.68	264	392634	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1364944	112.72	ng	0.01
7) Phenol-d6	6.60	99	1730196	113.09	ng	0.01
23) Nitrobenzene-d5	7.54	82	1150450	91.70	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	400368	132.16	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1657649	98.04	ng	0.00
78) Terphenyl-d14	13.09	244	1483894	77.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	196008	31.276	ng	96
3) Pyridine	3.63	79	579010	33.154	ng	99
4) n-Nitrosodimethylamine	3.59	42	281075	35.132	ng	# 95
6) Aniline	6.64	93	389519	17.436	ng	98
8) 2-Chlorophenol	6.76	128	501820	38.536	ng	97
9) Benzaldehyde	6.52	77	380807	32.816	ng	98
10) Phenol	6.61	94	661258	39.592	ng	100
11) bis(2-Chloroethyl)ether	6.71	93	537697	37.607	ng	97
12) 1,3-Dichlorobenzene	6.91	146	577017	37.649	ng	97
13) 1,4-Dichlorobenzene	6.99	146	577646	37.141	ng	99
14) 1,2-Dichlorobenzene	7.15	146	545614	37.266	ng	96
15) Benzyl Alcohol	7.11	79	500189	38.177	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	868469	42.374	ng	98
17) 2-Methylphenol	7.21	107	458004	39.421	ng	98
18) Hexachloroethane	7.48	117	181441	32.741	ng	100
19) n-Nitroso-di-n-propylamine	7.38	70	377275	32.870	ng	97
20) 3+4-Methylphenols	7.37	107	567929	38.224	ng	96
22) Acetophenone	7.38	105	721334	38.781	ng	# 96
24) Nitrobenzene	7.55	77	577206	42.328	ng	96
25) Isophorone	7.79	82	1042726	42.550	ng	98
26) 2-Nitrophenol	7.87	139	264972	50.061	ng	99
27) 2,4-Dimethylphenol	7.90	122	490263	47.257	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	661475	41.629	ng	99
29) 2,4-Dichlorophenol	8.11	162	440392	44.001	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	451308	40.216	ng	95
31) Naphthalene	8.28	128	1320059	39.564	ng	# 95
32) Benzoic acid	8.00	122	236515	33.505	ng	92
33) 4-Chloroaniline	8.32	127	321614	21.751	ng	98
34) Hexachlorobutadiene	8.39	225	289541	40.160	ng	97
35) Caprolactam	8.69	113	138038	40.775	ng	94
36) 4-Chloro-3-methylphenol	8.80	107	452405	40.863	ng	97
37) 2-Methylnaphthalene	8.97	142	902940	39.733	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	456586	44.670	ng	97
40) Hexachlorocyclopentadiene	9.12	237	112952	20.029	ng	95

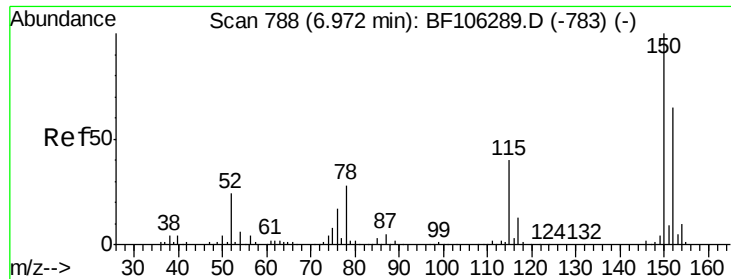
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
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 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	312428	47.964	ng	99
43) 2,4,5-Trichlorophenol	9.28	196	320353	45.621	ng	91
45) 1,1'-Biphenyl	9.43	154	1040763	42.676	ng	97
46) 2-Chloronaphthalene	9.46	162	828186	42.435	ng	98
47) 2-Nitroaniline	9.55	65	292652	47.667	ng	95
48) Acenaphthylene	9.88	152	1245740	41.702	ng	96
49) Dimethylphthalate	9.73	163	1178231	52.377	ng	# 98
50) 2,6-Dinitrotoluene	9.80	165	206883	45.024	ng	96
51) Acenaphthene	10.05	154	752685	39.016	ng	99
52) 3-Nitroaniline	9.96	138	164485	30.160	ng	91
53) 2,4-Dinitrophenol	10.07	184	71569	38.885	ng	# 18
54) Dibenzofuran	10.22	168	1048010	40.342	ng	94
55) 4-Nitrophenol	10.11	139	317682	75.996	ng	94
56) 2,4-Dinitrotoluene	10.20	165	253822	43.988	ng	95
57) Fluorene	10.57	166	783536	38.068	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	248759	44.696	ng	# 85
59) Diethylphthalate	10.43	149	910608	40.784	ng	94
60) 4-Chlorophenyl-phenylether	10.55	204	423801	39.148	ng	# 88
61) 4-Nitroaniline	10.58	138	177786	33.506	ng	99
62) Azobenzene	10.71	77	895536	38.465	ng	95
64) 4,6-Dinitro-2-methylphenol	10.60	198	55936	24.325	ng	84
65) n-Nitrosodiphenylamine	10.67	169	765541	45.585	ng	96
66) 4-Bromophenyl-phenylether	11.04	248	267717	47.105	ng	# 87
67) Hexachlorobenzene	11.11	284	256958	43.855	ng	91
68) Atrazine	11.20	200	242276	46.813	ng	95
69) Pentachlorophenol	11.30	266	280940	77.879	ng	99
70) Phenanthrene	11.53	178	1031807	42.163	ng	99
71) Anthracene	11.58	178	1062048	43.320	ng	98
72) Carbazole	11.73	167	946205	41.805	ng	98
73) Di-n-butylphthalate	12.05	149	1179370	46.818	ng	98
74) Fluoranthene	12.72	202	1083093	41.501	ng	97
76) Benzidine	12.84	184	969446	60.865	ng	99
77) Pyrene	12.95	202	1114250	37.188	ng	97
79) Butylbenzylphthalate	13.56	149	495769	44.203	ng	# 95
80) Benzo(a)anthracene	14.14	228	1174373	41.235	ng	98
81) 3,3'-Dichlorobenzidine	14.09	252	451782	47.016	ng	98
82) Chrysene	14.18	228	1070742	41.178	ng	97
83) Bis(2-ethylhexyl)phthalate	14.11	149	702642	43.693	ng	100
84) Di-n-octyl phthalate	14.74	149	1196654	51.617	ng	100
85) Indeno(1,2,3-cd)pyrene	17.24	276	808104	38.941	ng	# 94
87) Benzo(b)fluoranthene	15.22	252	1080833	45.539	ng	96
88) Benzo(k)fluoranthene	15.25	252	923084	39.271	ng	# 97
89) Benzo(a)pyrene	15.61	252	901855	42.245	ng	97
90) Dibenzo(a,h)anthracene	17.25	278	683623	38.411	ng	96
91) Benzo(g,h,i)perylene	17.71	276	638296	36.903	ng	94

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

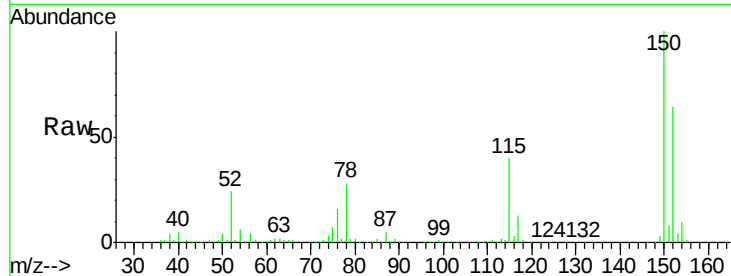


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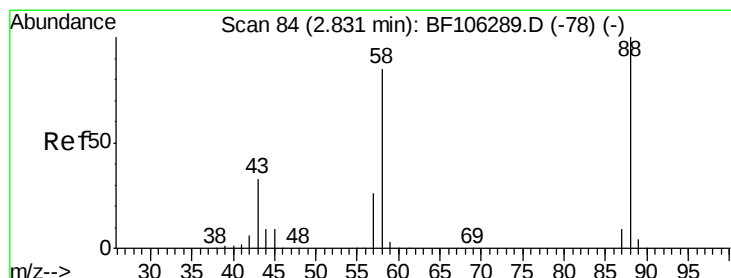
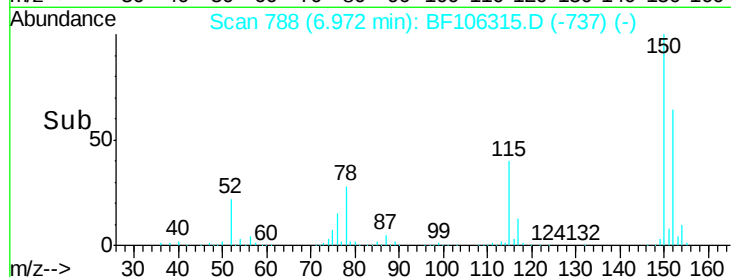
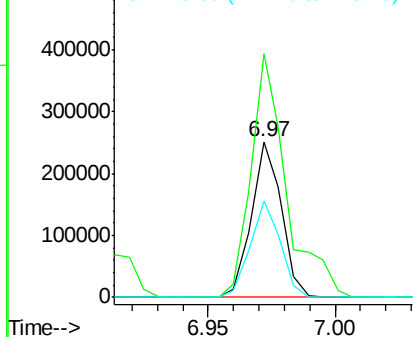
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion:152 Resp: 204950
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 62.3 50.1 75.1



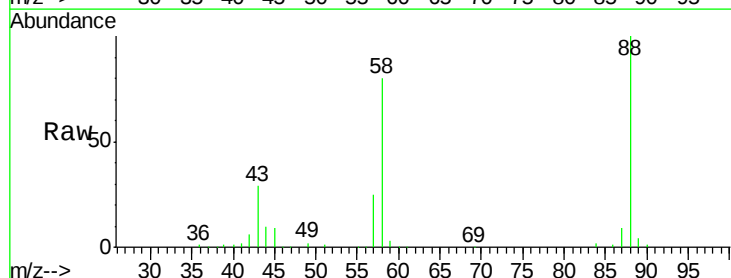
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



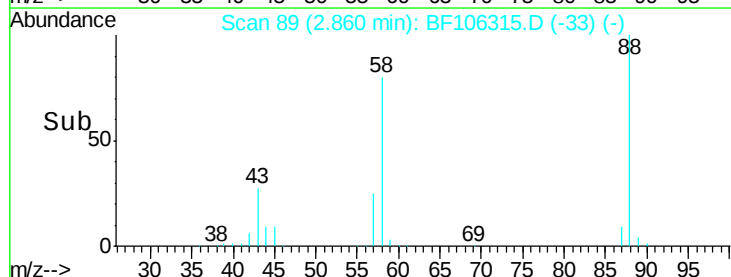
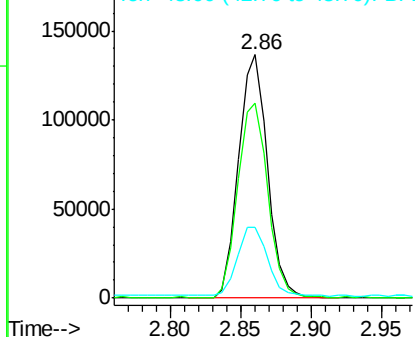
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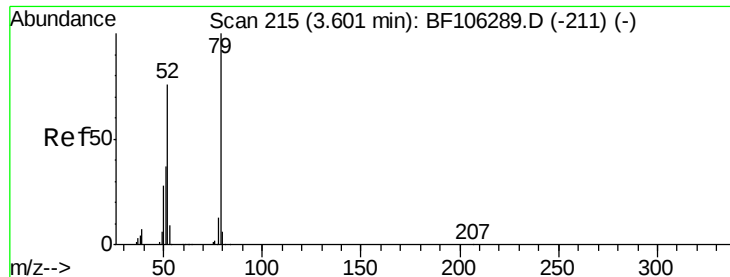
1,4-Dioxane
Concen: 31.276 ng
RT: 2.86 min Scan# 89
Delta R.T. 0.03 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

Tgt Ion: 88 Resp: 196008
Ion Ratio Lower Upper
88 100
58 82.1 62.6 93.8
43 29.3 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: 33.154 ng

RT: 3.63 min Scan# 220

Delta R.T. 0.03 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

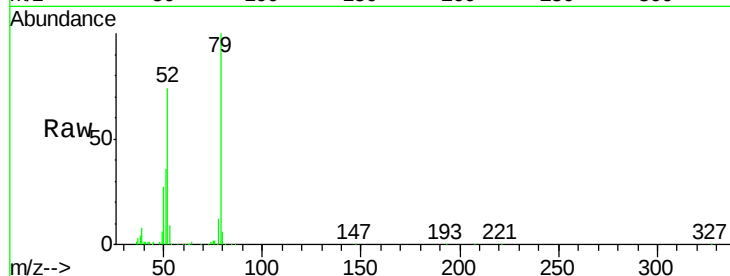
Tot Ion: 79 Resp: 579010

Ion Ratio Lower Upper

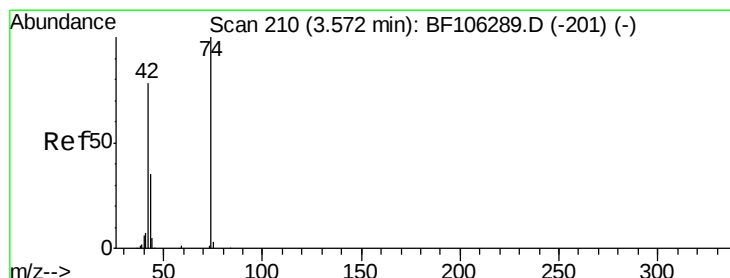
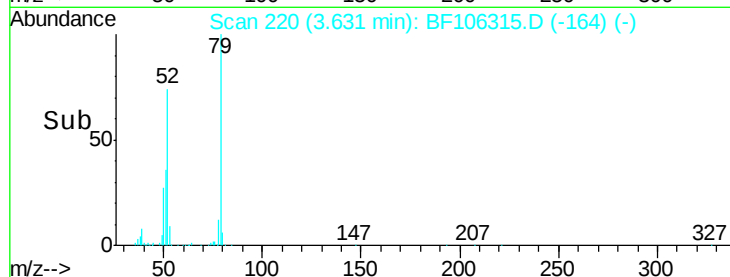
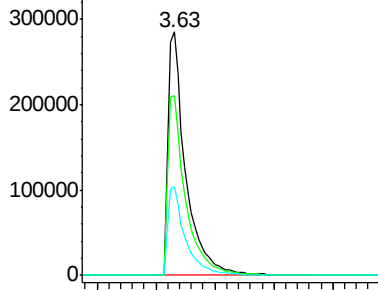
79 100

52 73.8 59.8 89.6

51 36.2 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: 35.132 ng

RT: 3.59 min Scan# 213

Delta R.T. 0.02 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

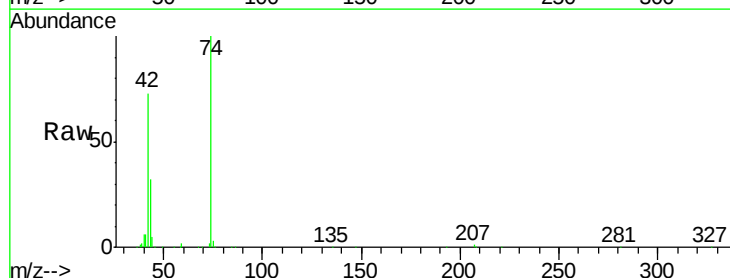
Tgt Ion: 42 Resp: 281075

Ion Ratio Lower Upper

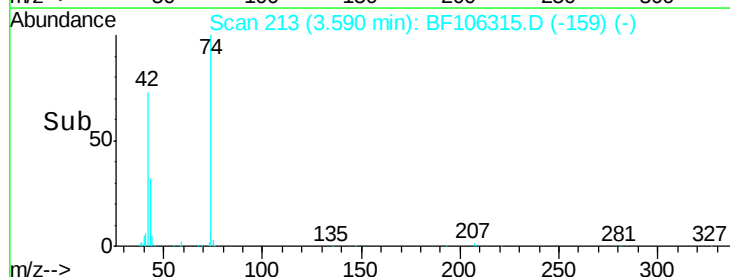
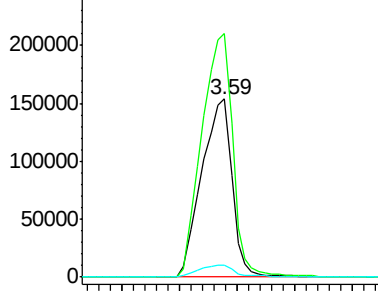
42 100

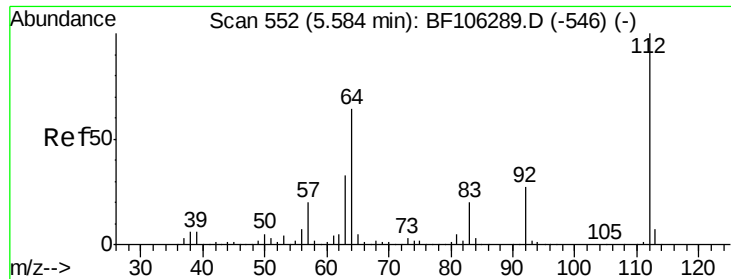
74 136.9 104.9 157.3

44 6.7 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: 112.719 ng

RT: 5.60 min Scan# 554

Delta R.T. 0.01 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

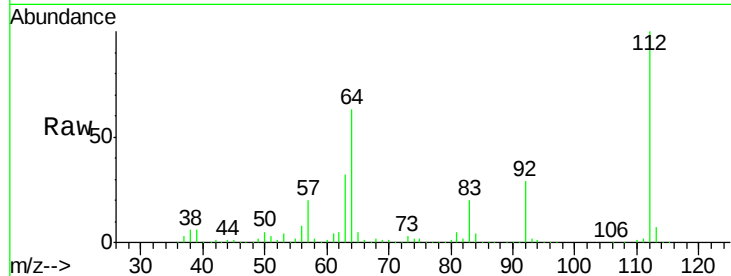
Tot Ion:112 Resp: 1364944

Ion Ratio Lower Upper

112 100

64 62.9 47.9 71.9

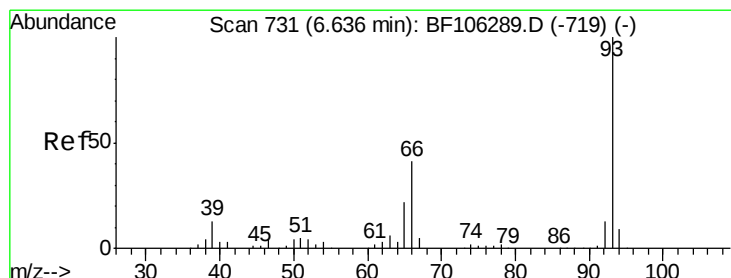
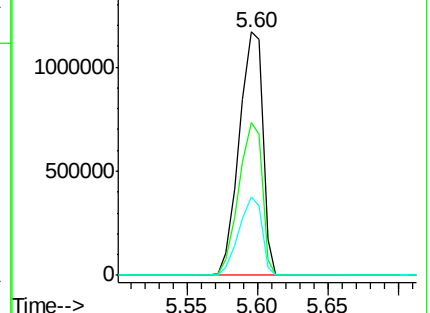
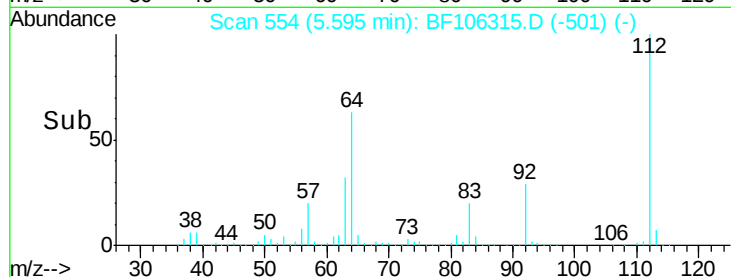
63 32.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.436 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

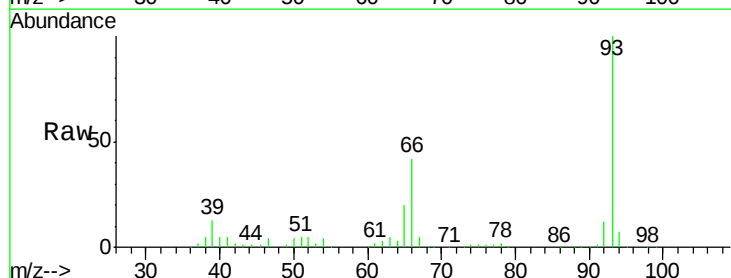
Tgt Ion: 93 Resp: 389519

Ion Ratio Lower Upper

93 100

66 41.7 32.2 48.2

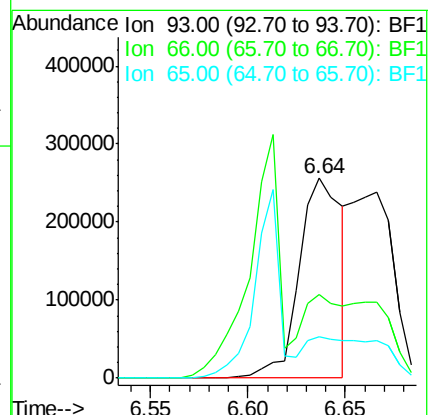
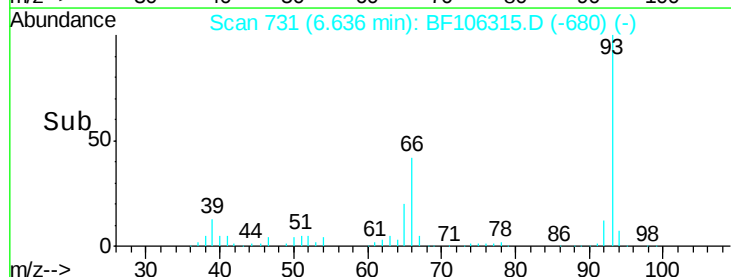
65 20.5 16.4 24.6

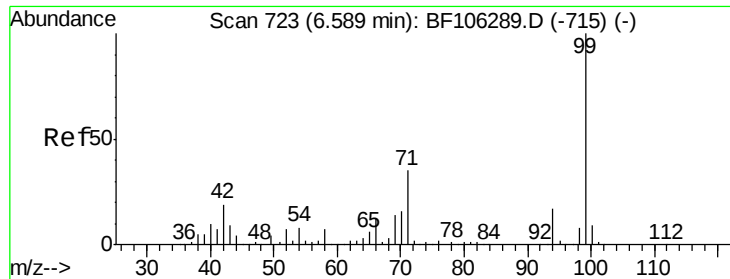


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.092 ng

RT: 6.60 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

Instrument :

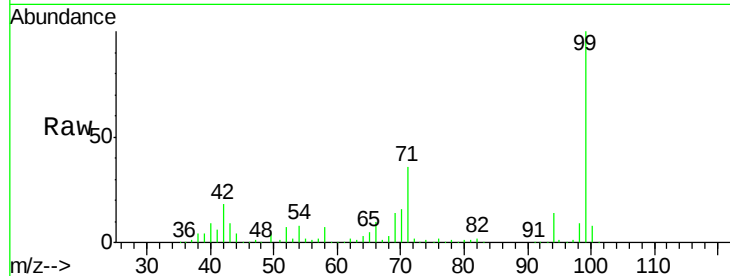
BNA_F

ClientSampleId :

SP-1MSD

Tot Ion: 99 Resp: 1730196

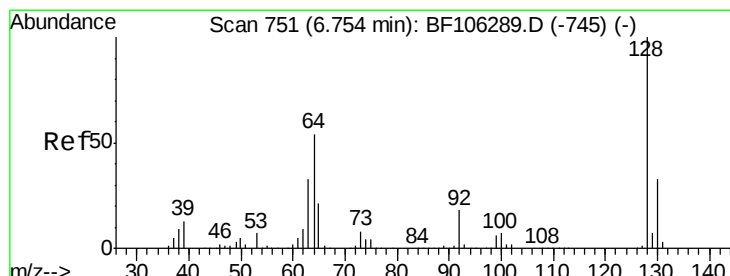
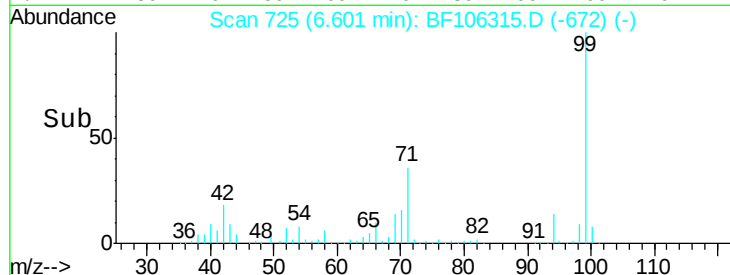
Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.5	21.7
71	35.9	25.4	38.0



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: 38.536 ng

RT: 6.76 min Scan# 752

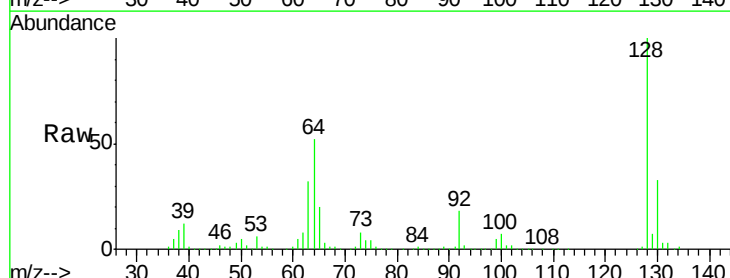
Delta R.T. 0.01 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

Tgt Ion:128 Resp: 501820

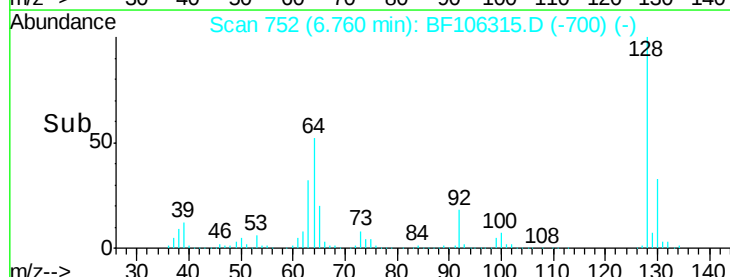
Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.0	53.0
64	52.4	29.4	69.4

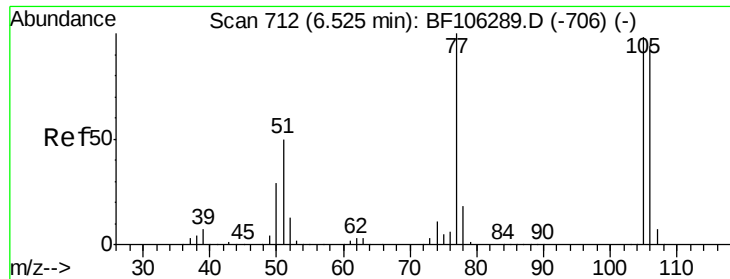


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

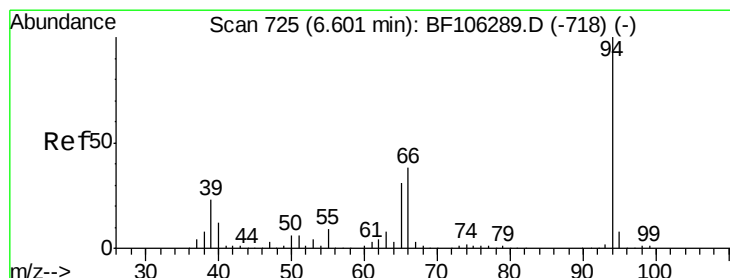
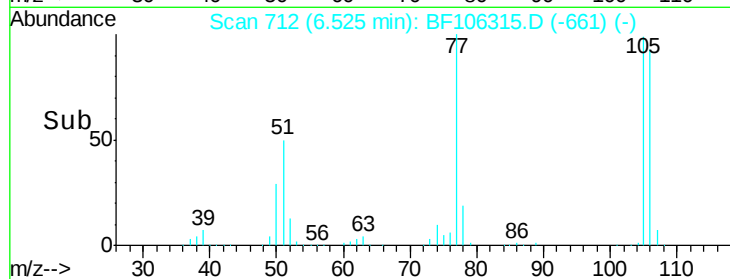
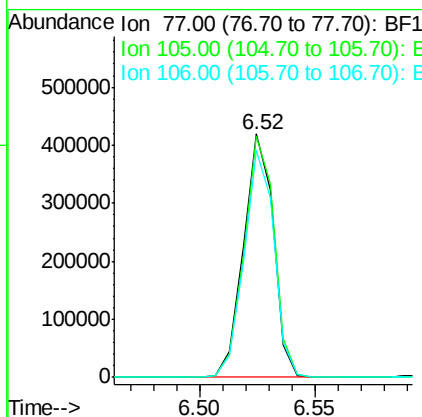
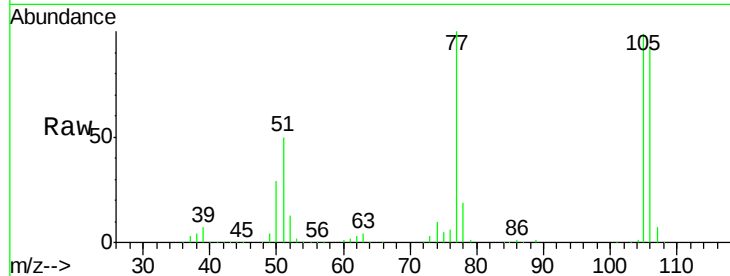




#9
Benzaldehyde
Concen: 32.816 ng
RT: 6.52 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

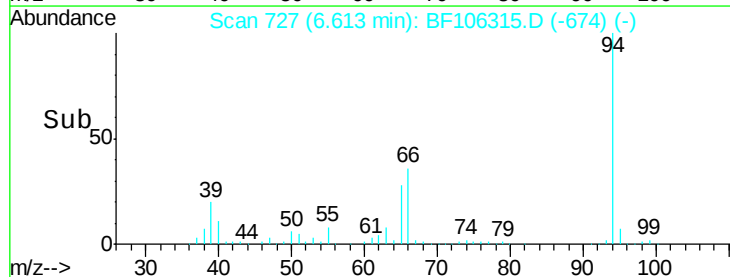
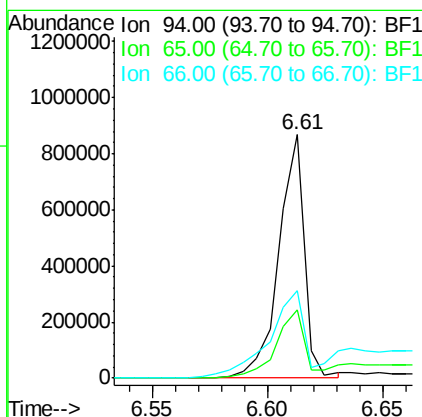
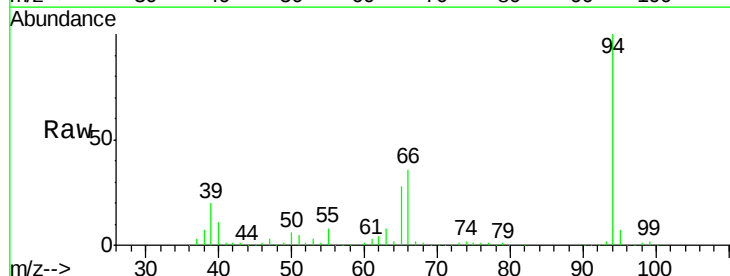
Instrument :
BNA_F
ClientSampled :
SP-1MSD

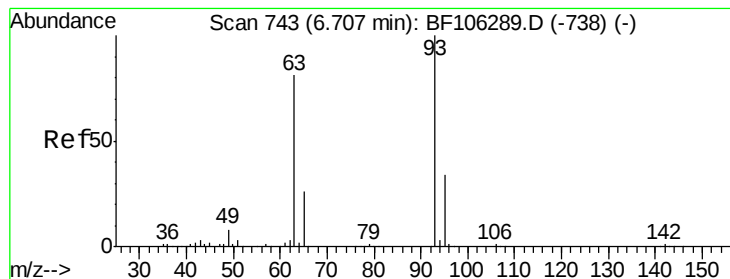
Tot Ion: 77 Resp: 380807
Ion Ratio Lower Upper
77 100
105 99.0 81.1 121.1
106 93.4 74.5 114.5



#10
Phenol
Concen: 39.592 ng
RT: 6.61 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

Tgt Ion: 94 Resp: 661258
Ion Ratio Lower Upper
94 100
65 27.8 7.9 47.9
66 35.9 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 37.607 ng

RT: 6.71 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

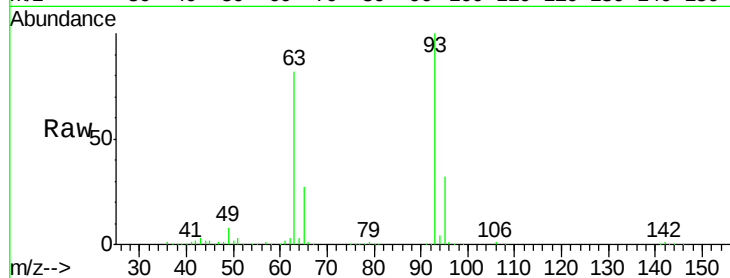
Tot Ion: 93 Resp: 537697

Ion Ratio Lower Upper

93 100

63 82.3 58.6 98.6

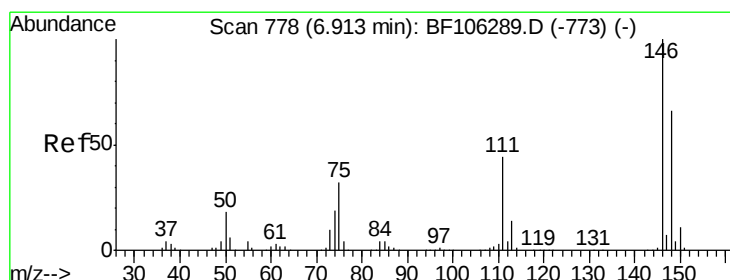
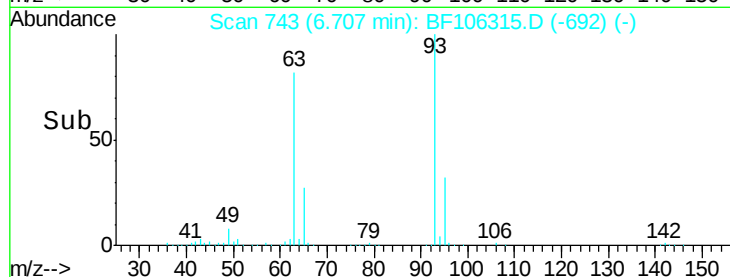
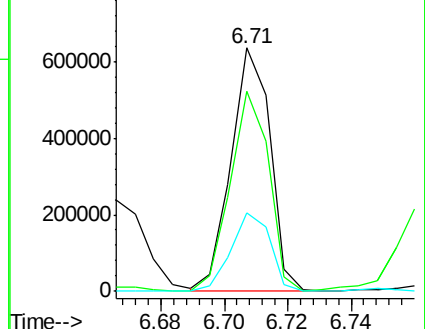
95 32.4 11.8 51.8



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: 37.649 ng

RT: 6.91 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

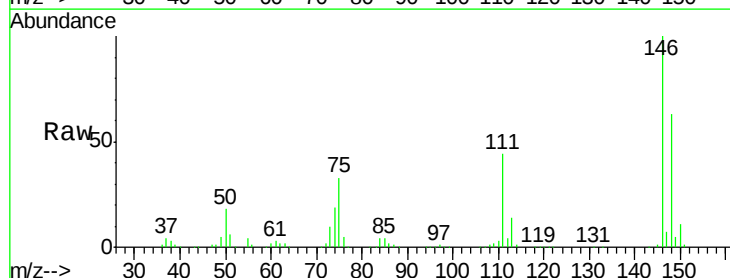
Tgt Ion: 146 Resp: 577017

Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.8

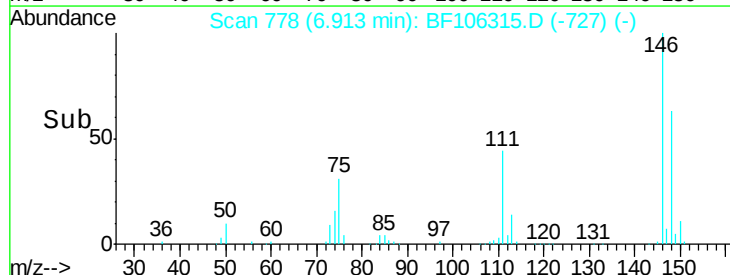
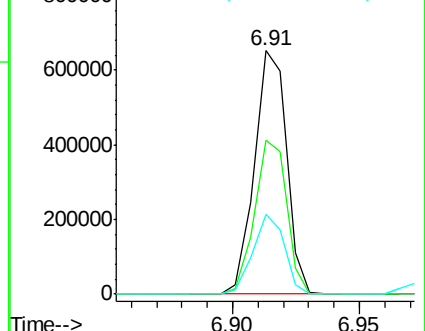
75 32.8 24.2 36.4

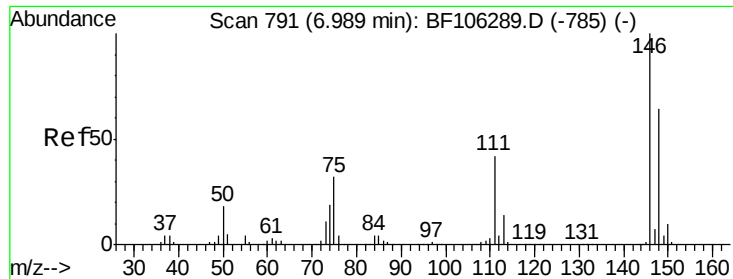


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

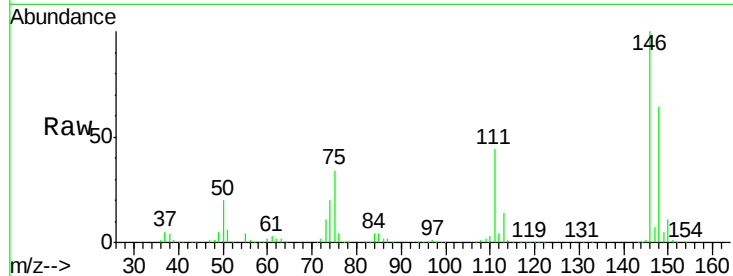




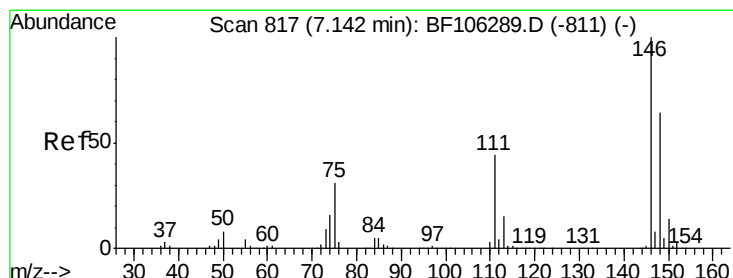
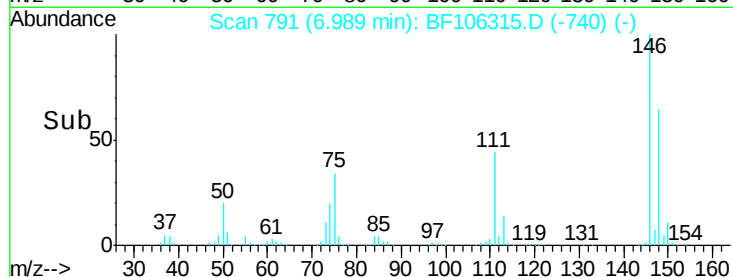
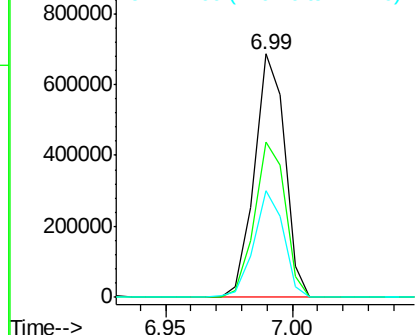
#13
 1,4-Dichlorobenzene
 Concen: 37.141 ng
 RT: 6.99 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF106315.D
 Acq: 12 Jun 2018 00:29

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

Tot Ion:146 Resp: 577646
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 43.7 34.2 51.2

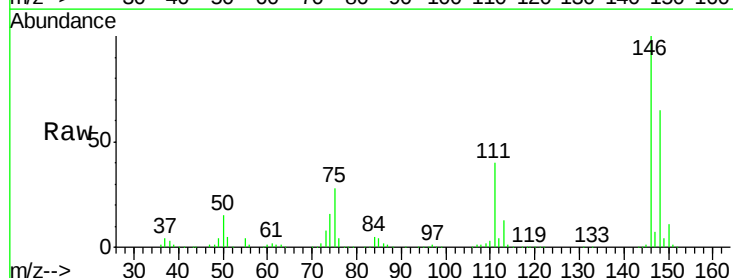


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

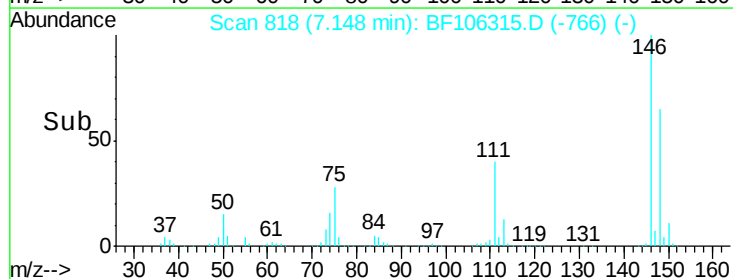
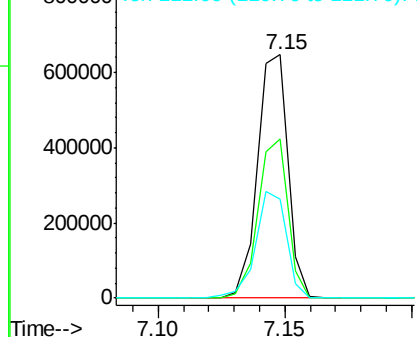


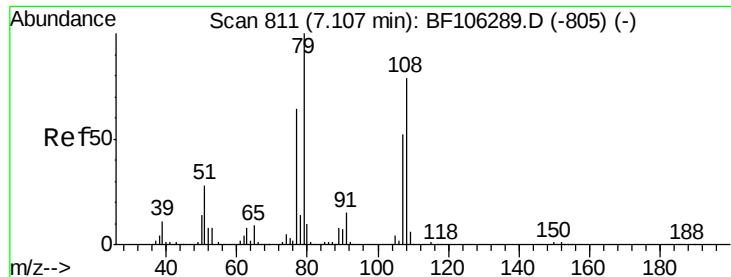
#14
 1,2-Dichlorobenzene
 Concen: 37.266 ng
 RT: 7.15 min Scan# 818
 Delta R.T. 0.01 min
 Lab File: BF106315.D
 Acq: 12 Jun 2018 00:29

Tgt Ion:146 Resp: 545614
 Ion Ratio Lower Upper
 146 100
 148 65.3 50.6 75.8
 111 40.4 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 38.177 ng

RT: 7.11 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

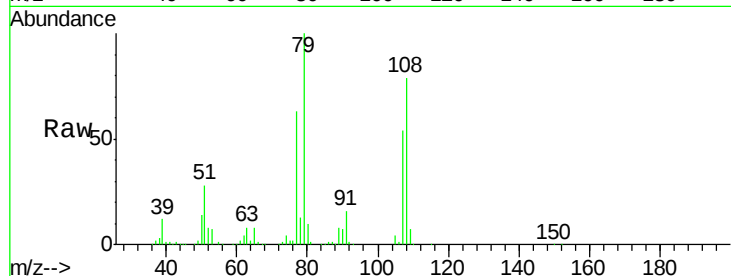
Tot Ion: 79 Resp: 500189

Ion Ratio Lower Upper

79 100

108 79.0 65.1 97.7

77 63.0 50.6 75.8

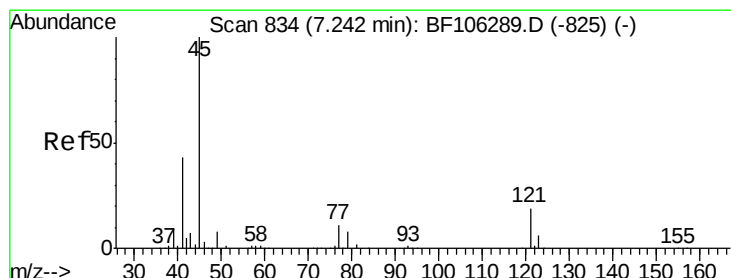
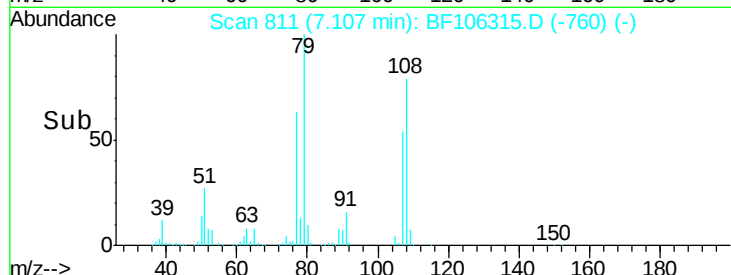
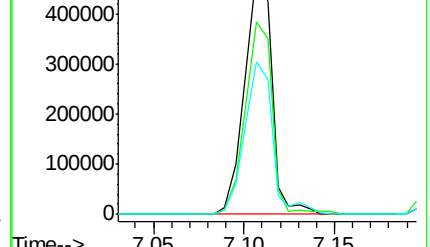


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.374 ng

RT: 7.24 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

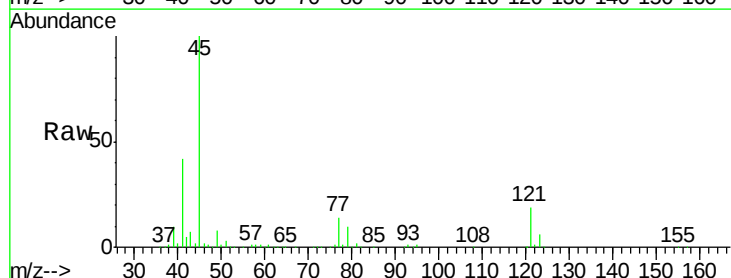
Tgt Ion: 45 Resp: 868469

Ion Ratio Lower Upper

45 100

77 13.9 0.0 32.9

79 10.5 0.0 29.6

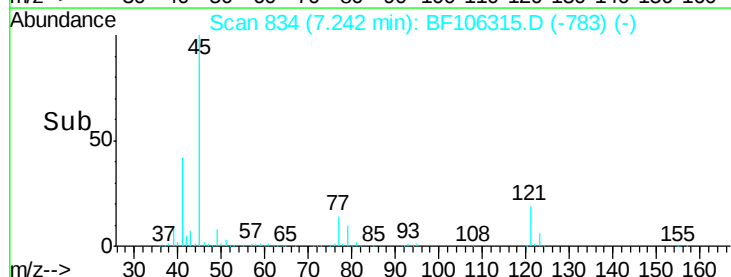
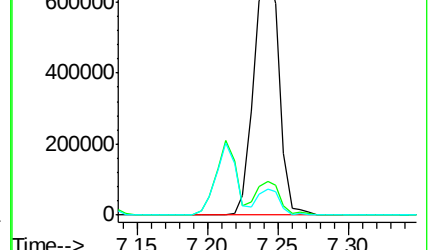


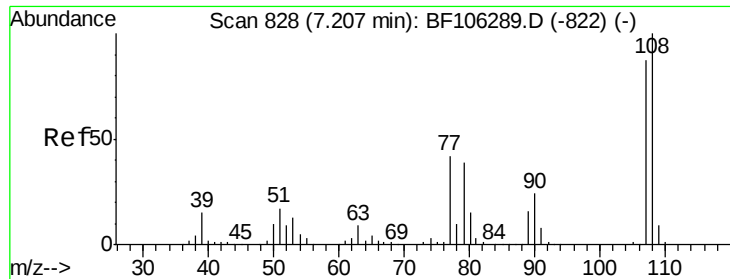
Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->

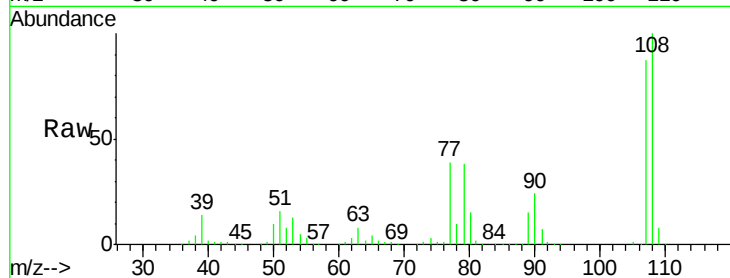




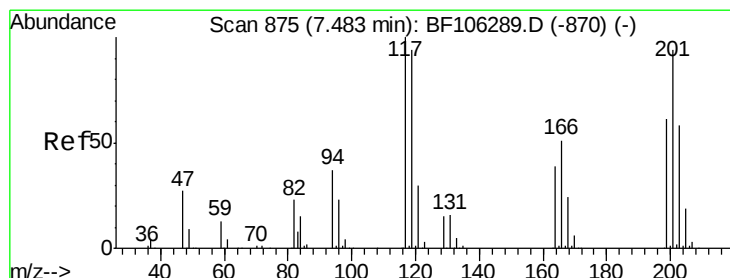
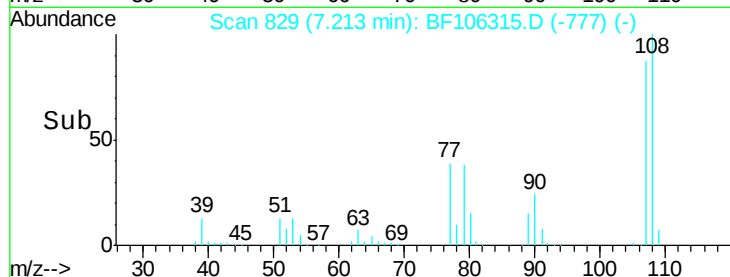
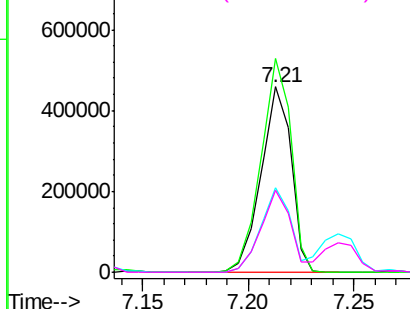
#17
2-Methylphenol
Concen: 39.421 ng
RT: 7.21 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion:107 Resp: 458004
Ion Ratio Lower Upper
107 100
108 115.2 91.7 137.5
77 45.5 33.8 50.8
79 44.1 33.8 50.8

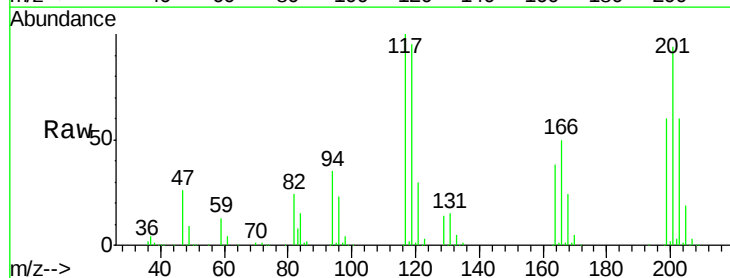


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

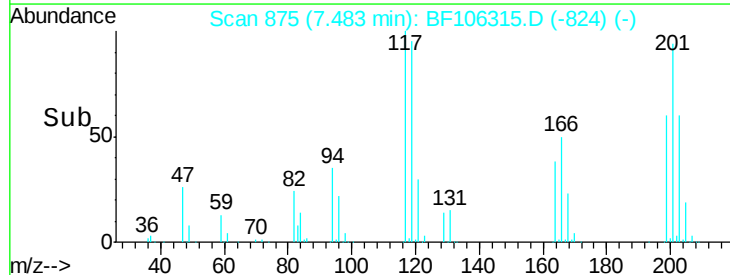
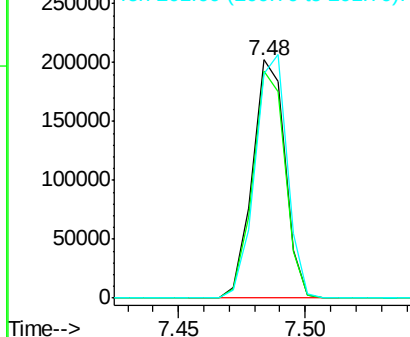


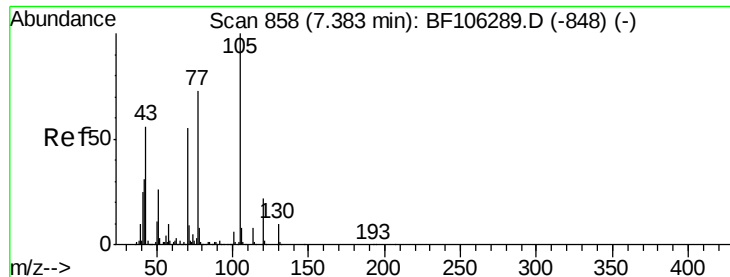
#18
Hexachloroethane
Concen: 32.741 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

Tgt Ion:117 Resp: 181441
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.8
201 94.0 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

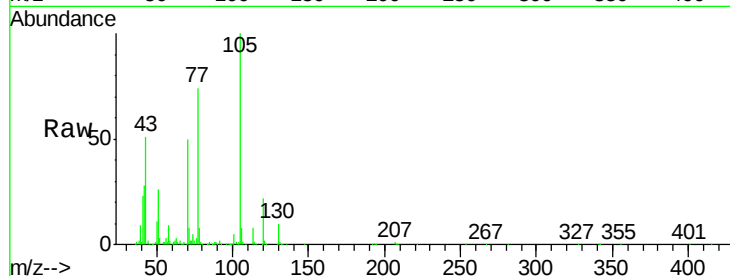




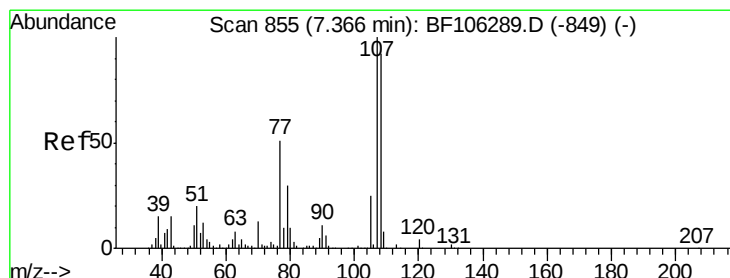
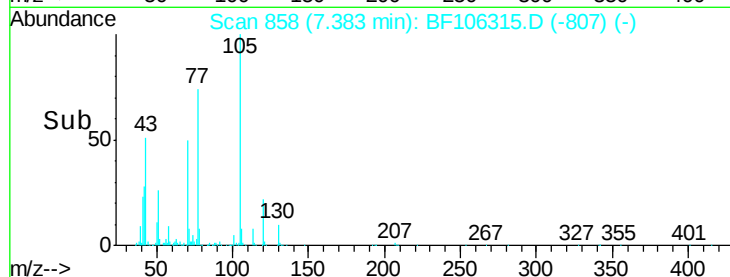
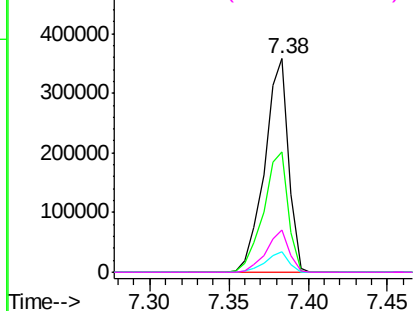
#19
n-Nitroso-di-n-propylamine
Concen: 32.870 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion: 70 Resp: 377275
Ion Ratio Lower Upper
70 100
42 56.5 47.5 71.3
101 9.9 7.4 11.2
130 19.9 16.6 25.0

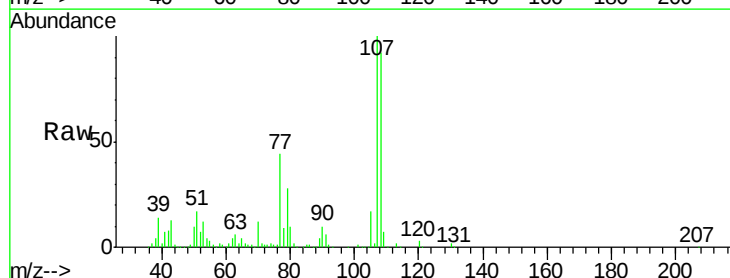


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

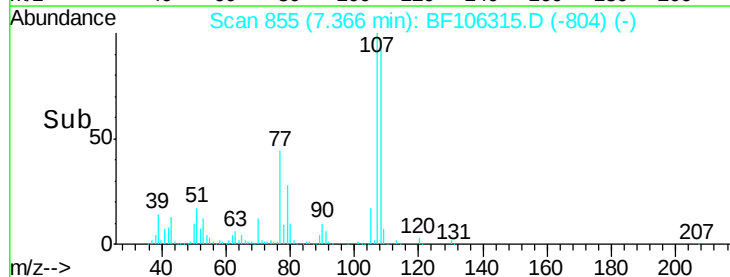
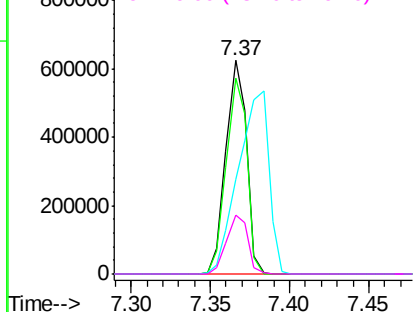


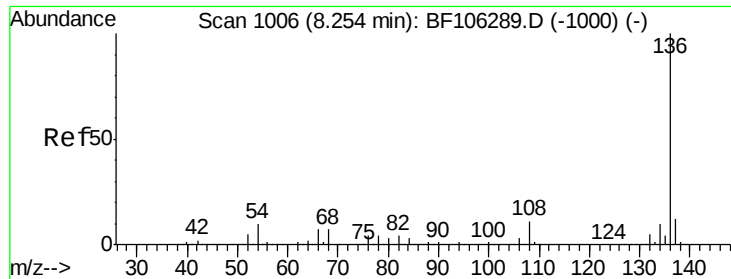
#20
3+4-Methylphenols
Concen: 38.224 ng
RT: 7.37 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

Tgt Ion: 107 Resp: 567929
Ion Ratio Lower Upper
107 100
108 92.0 68.2 108.2
77 44.4 26.7 66.7
79 27.7 6.3 46.3



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

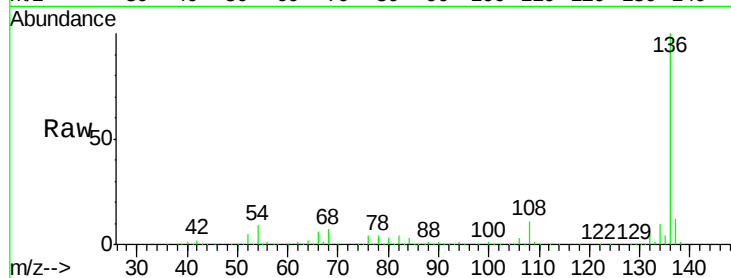




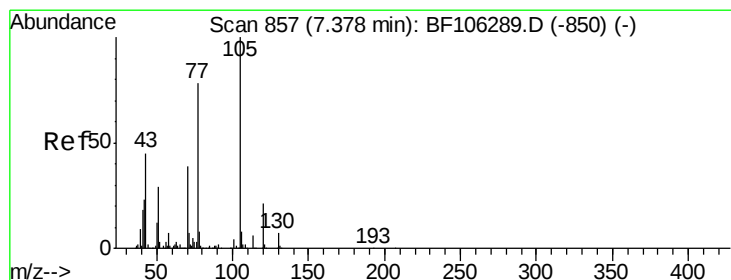
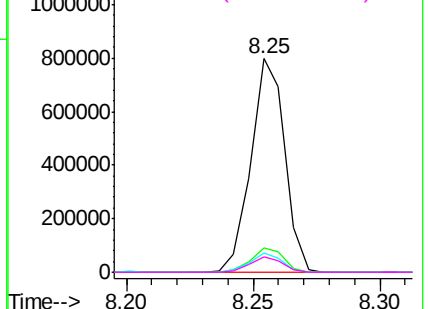
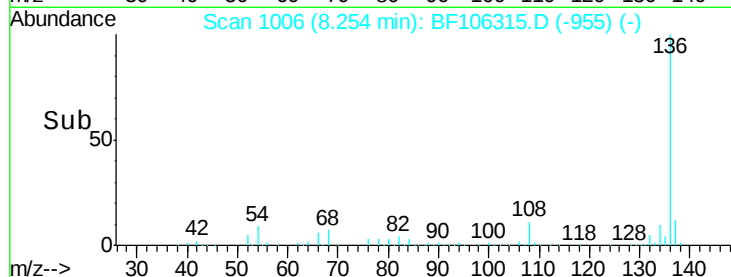
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion:136	Resp:	738079
Ion	Ratio	Lower Upper
136	100	
137	11.6	8.9 13.3
54	9.2	6.6 9.8
68	7.0	5.0 7.4

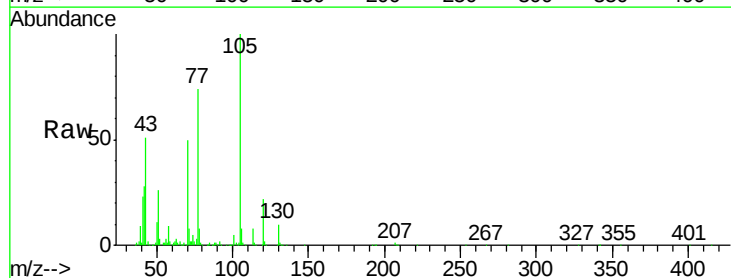


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

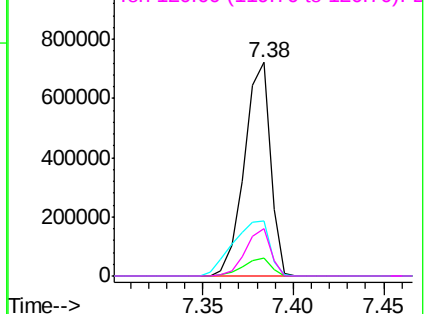
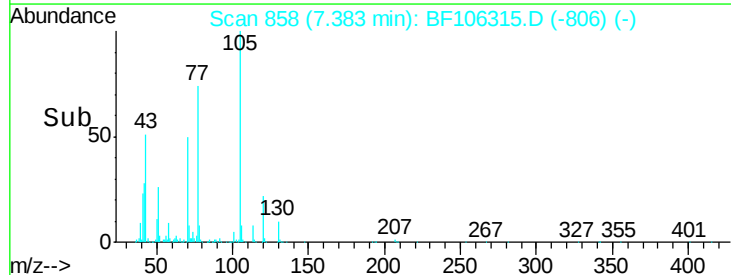


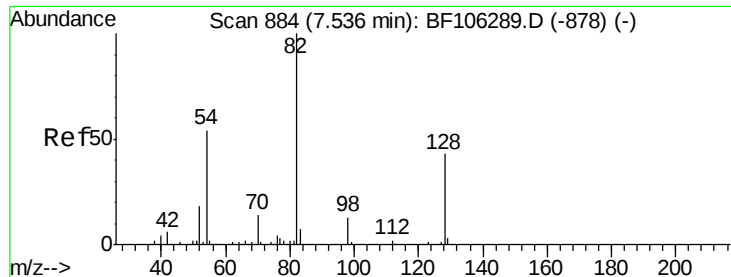
#22
Acetophenone
Concen: 38.781 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

Tgt Ion:105	Resp:	721334
Ion	Ratio	Lower Upper
105	100	
71	8.2	4.4 6.6#
51	25.6	22.3 33.5
120	22.3	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

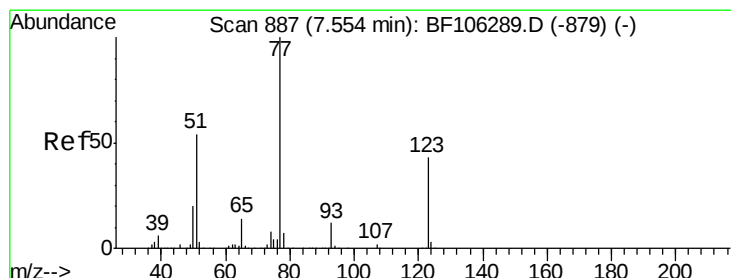
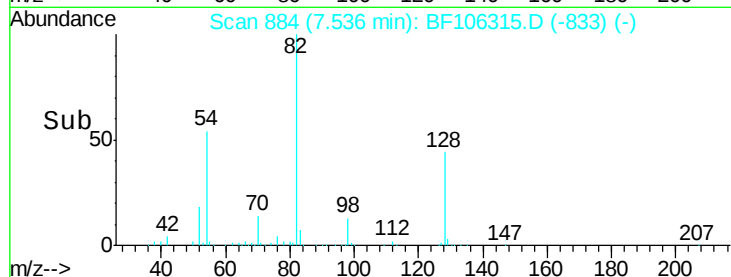
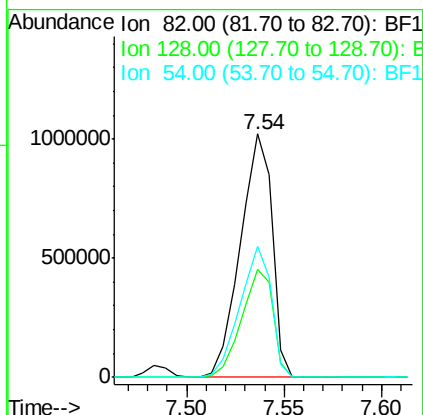
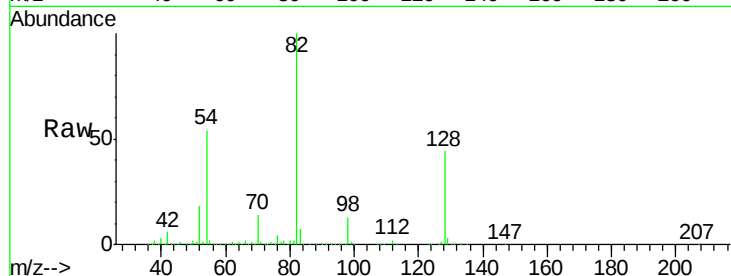




#23
 Nitrobenzene-d5
 Concen: 91.696 ng
 RT: 7.54 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF106315.D
 Acq: 12 Jun 2018 00:29

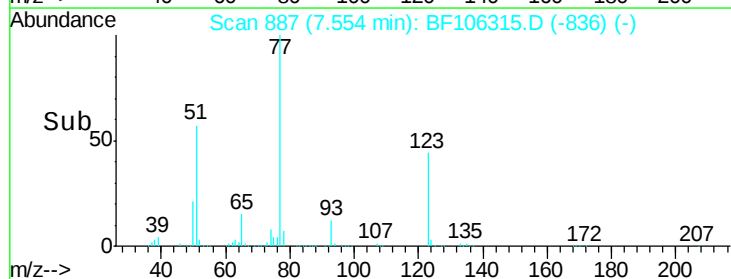
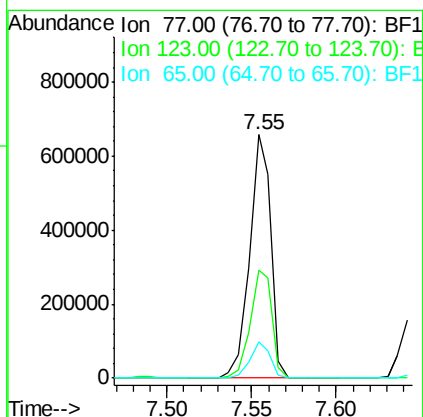
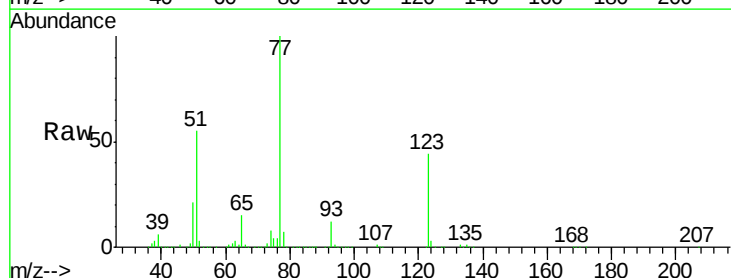
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

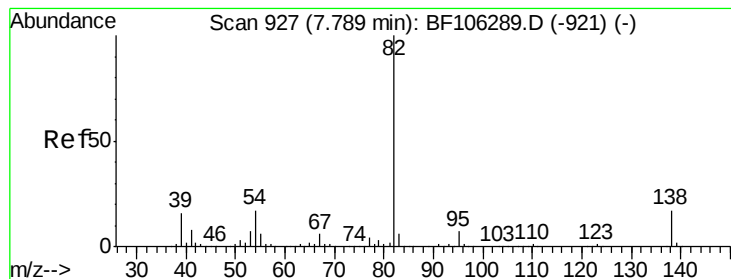
Tot Ion: 82 Resp: 1150450
 Ion Ratio Lower Upper
 82 100
 128 44.4 36.1 54.1
 54 53.6 41.4 62.2



#24
 Nitrobenzene
 Concen: 42.328 ng
 RT: 7.55 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: BF106315.D
 Acq: 12 Jun 2018 00:29

Tgt Ion: 77 Resp: 577206
 Ion Ratio Lower Upper
 77 100
 123 44.5 37.9 56.9
 65 14.6 11.0 16.4





#25

Isophorone

Concen: 42.550 ng

RT: 7.79 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

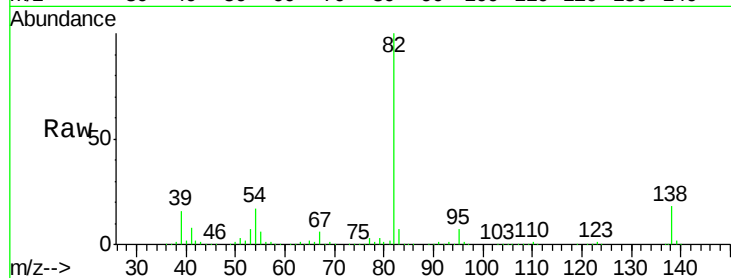
Tot Ion: 82 Resp: 1042726

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

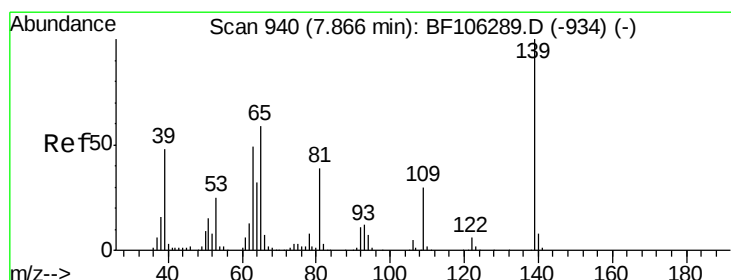
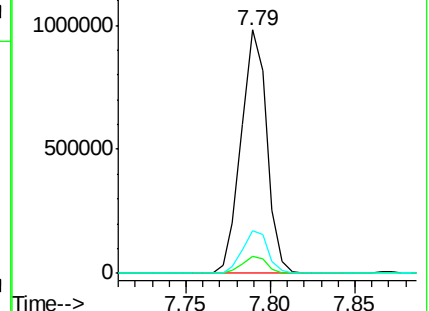
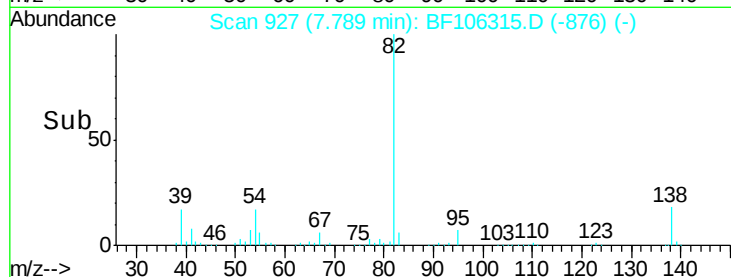
138 17.6 14.9 22.3



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: 50.061 ng

RT: 7.87 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

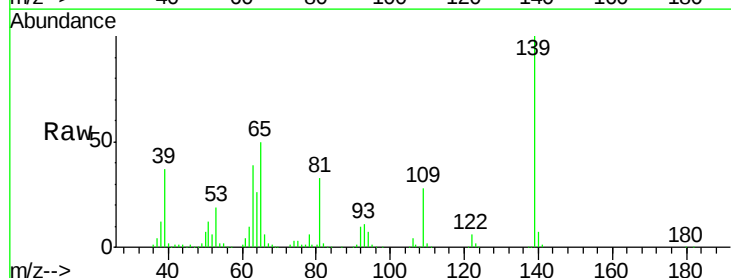
Tgt Ion: 139 Resp: 264972

Ion Ratio Lower Upper

139 100

109 27.9 22.7 34.1

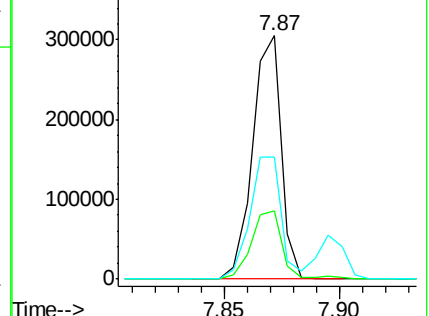
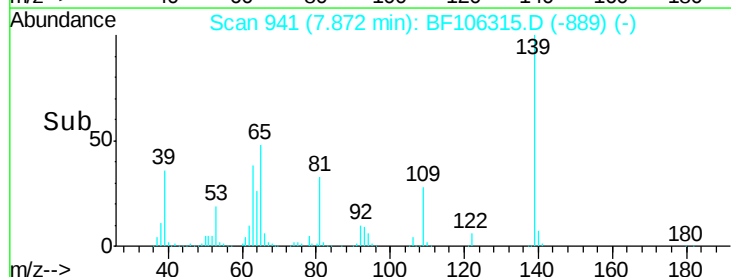
65 49.9 40.5 60.7

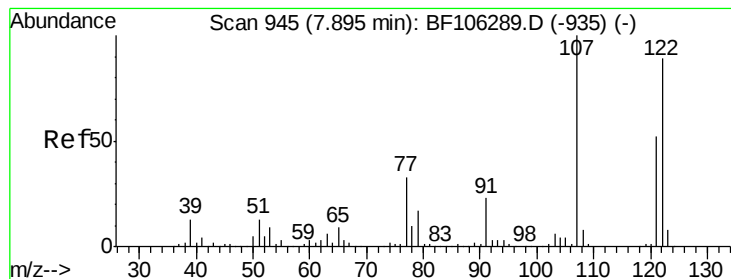


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 47.257 ng

RT: 7.90 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

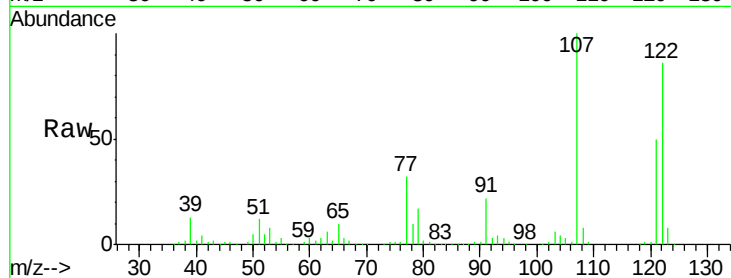
Tot Ion:122 Resp: 490263

Ion Ratio Lower Upper

122 100

107 116.3 91.2 136.8

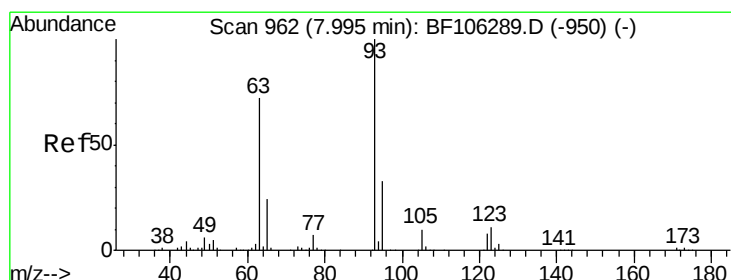
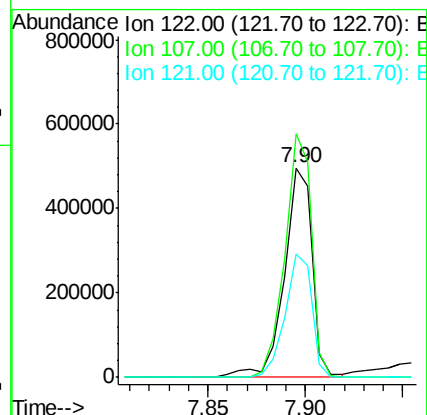
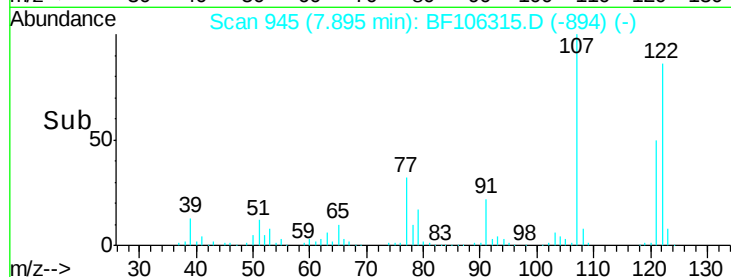
121 58.7 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.629 ng

RT: 8.00 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

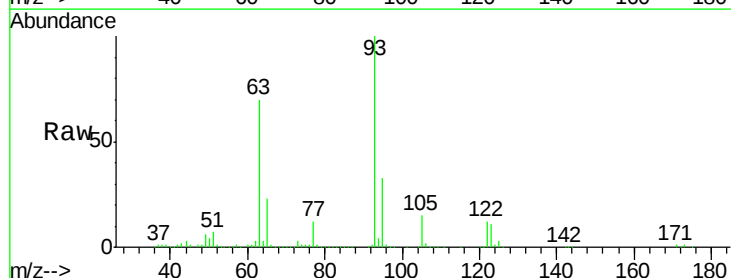
Tgt Ion: 93 Resp: 661475

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

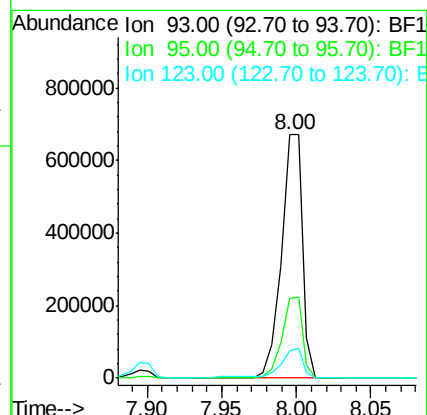
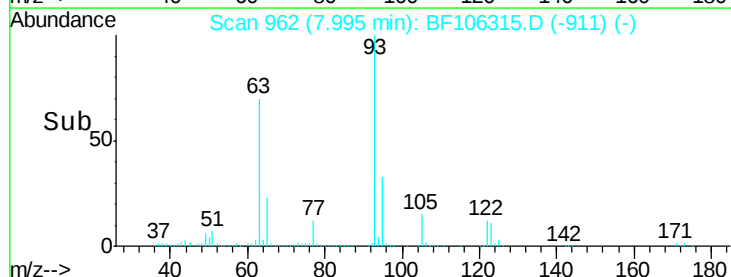
123 11.3 9.8 14.6

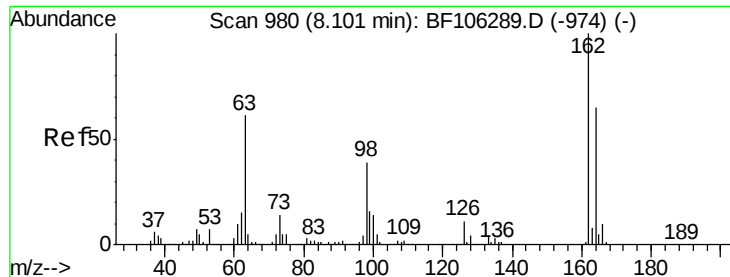


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.001 ng

RT: 8.11 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

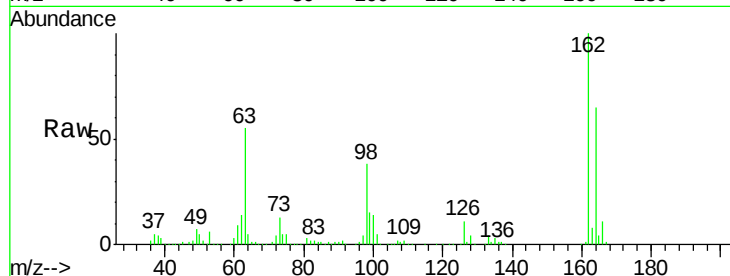
Tot Ion:162 Resp: 440392

Ion Ratio Lower Upper

162 100

164 64.7 42.7 82.7

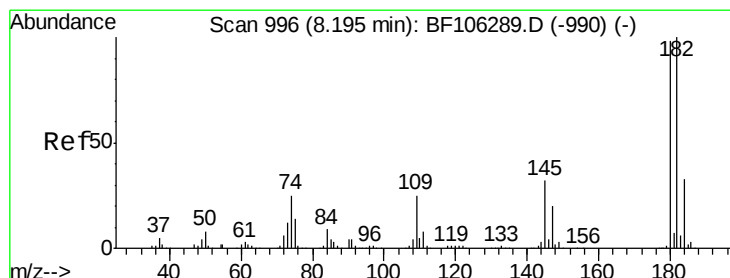
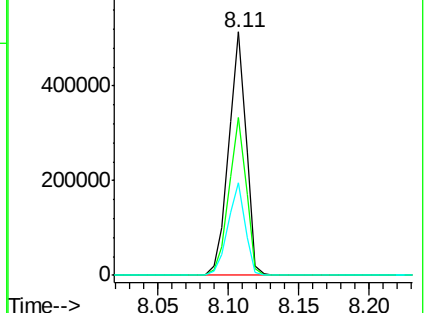
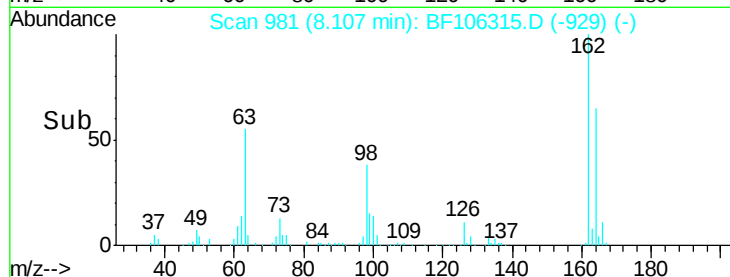
98 38.1 18.1 58.1



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: 40.216 ng

RT: 8.20 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

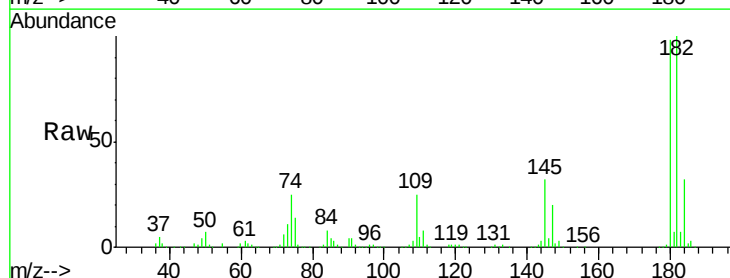
Tgt Ion:180 Resp: 451308

Ion Ratio Lower Upper

180 100

182 102.4 76.8 115.2

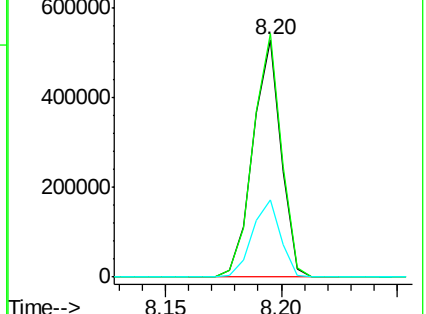
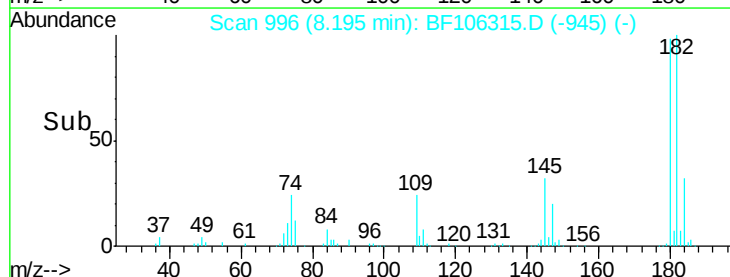
145 32.7 26.5 39.7

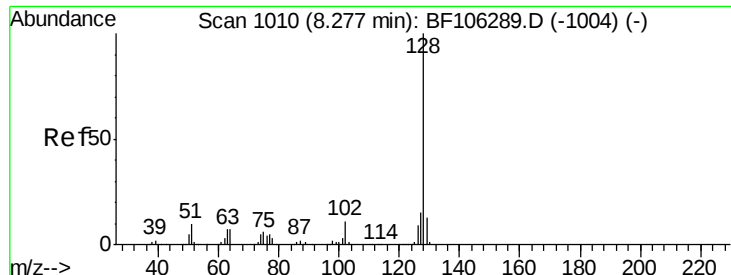


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

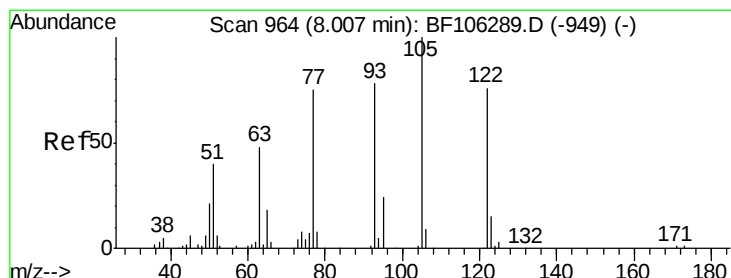
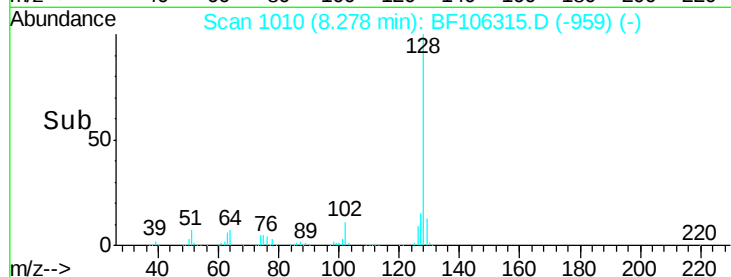
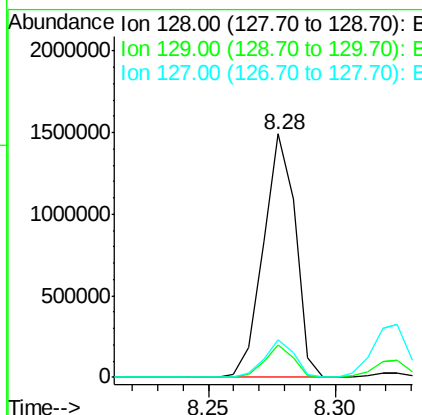
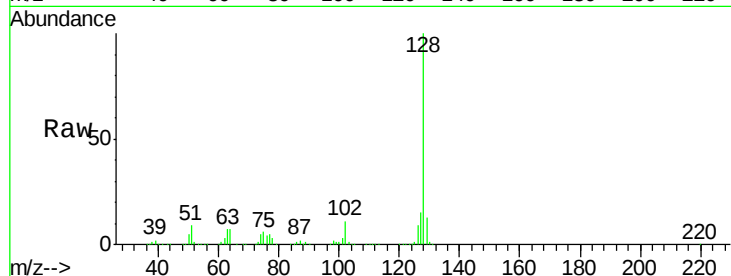




#31
Naphthalene
Concen: 39.564 ng
RT: 8.28 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

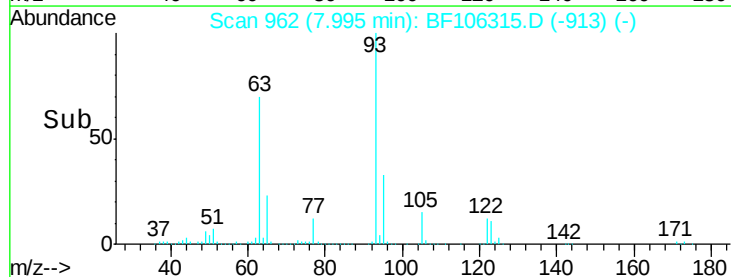
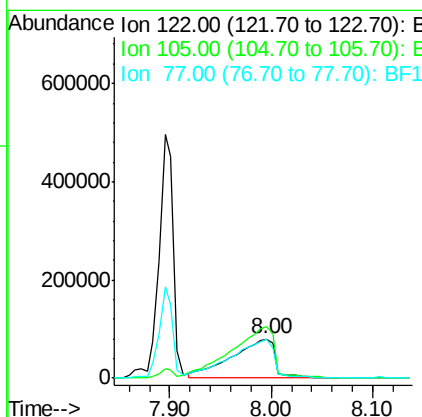
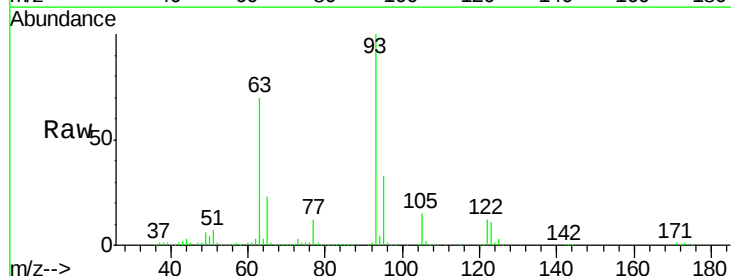
Instrument :
BNA_F
ClientSampleId :
SP-1MSD

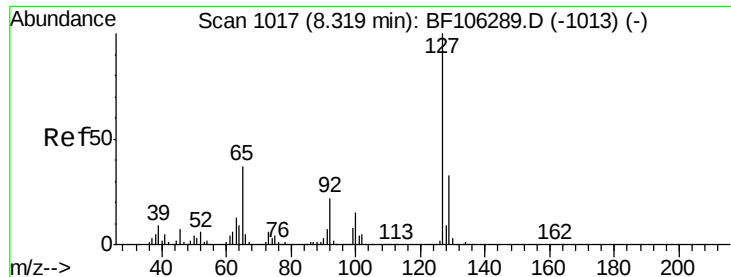
Tot Ion:128 Resp: 1320059
Ion Ratio Lower Upper
128 100
129 13.4 8.8 13.2#
127 15.4 10.9 16.3



#32
Benzoic acid
Concen: 33.505 ng
RT: 8.00 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

Tgt Ion:122 Resp: 236515
Ion Ratio Lower Upper
122 100
105 130.0 101.1 141.1
77 99.3 70.7 110.7

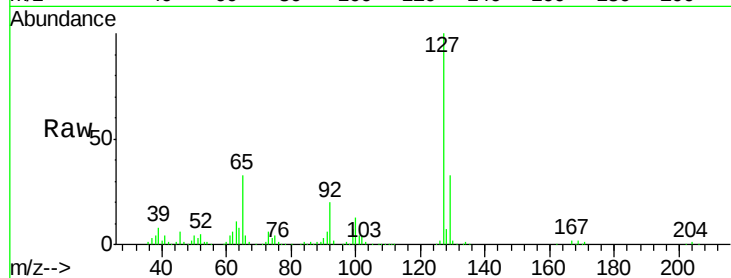




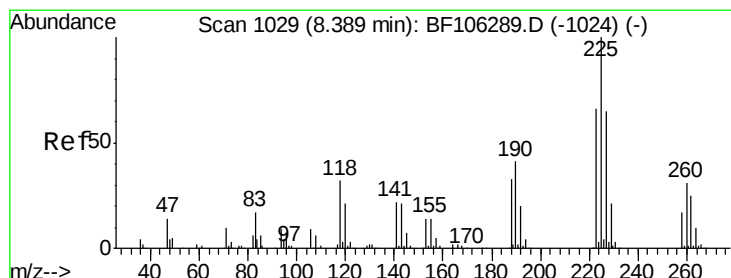
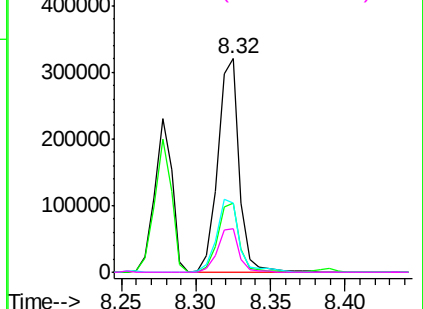
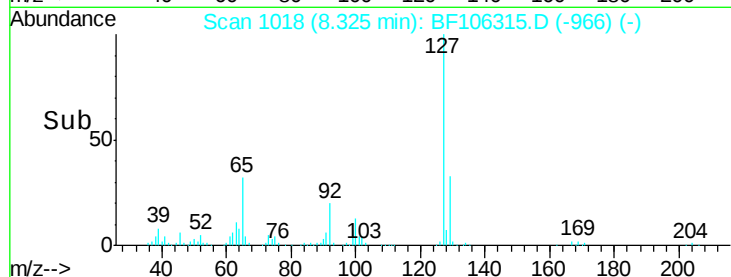
#33
4-Chloroaniline
Concen: 21.751 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion:	127	Resp:	321614
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	32.5	25.0	37.4
92	20.2	15.2	22.8

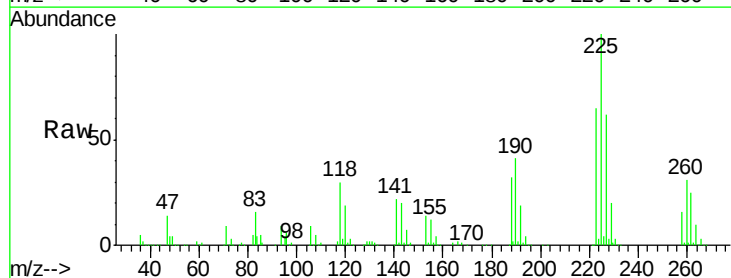


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

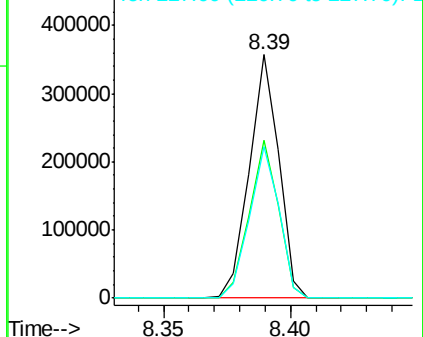
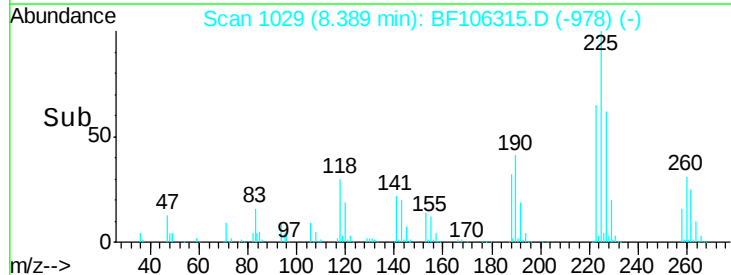


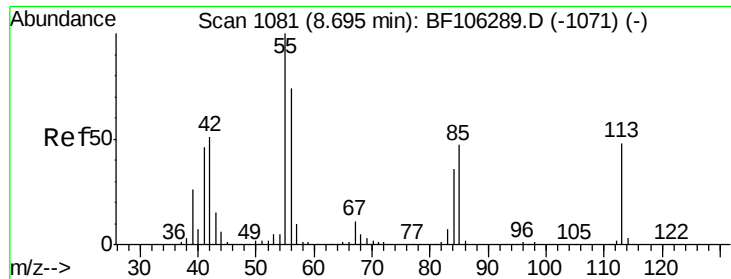
#34
Hexachlorobutadiene
Concen: 40.160 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

Tgt Ion:	225	Resp:	289541
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.6	76.0
227	62.4	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

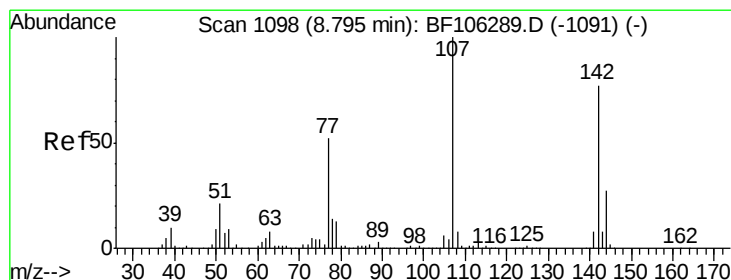
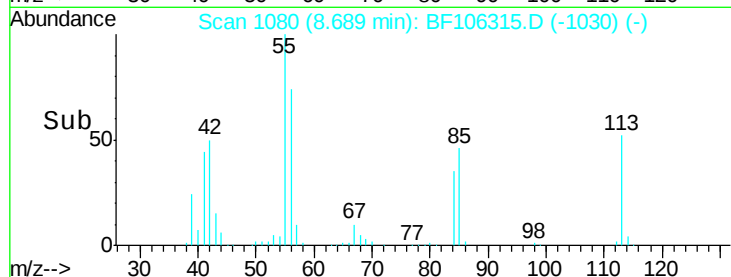
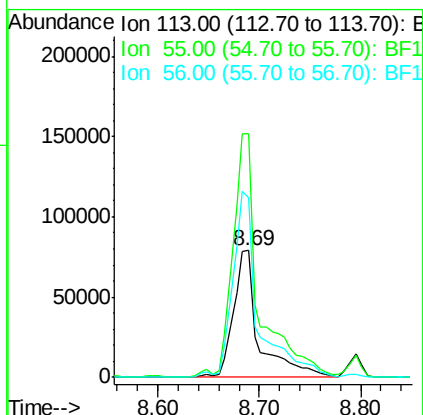
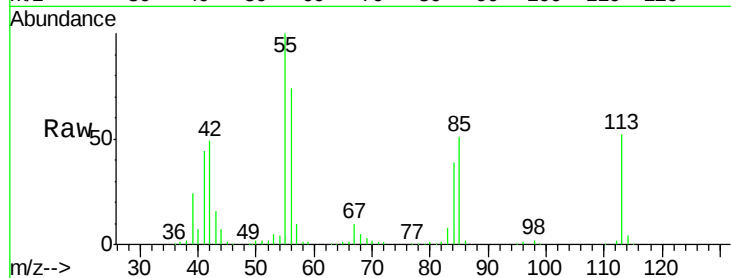




#35
 Caprolactam
 Concen: 40.775 ng
 RT: 8.69 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: BF106315.D
 Acq: 12 Jun 2018 00:29

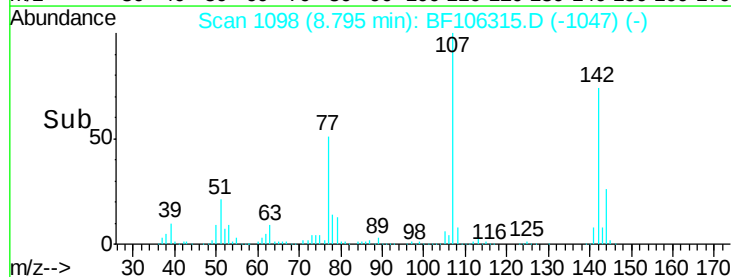
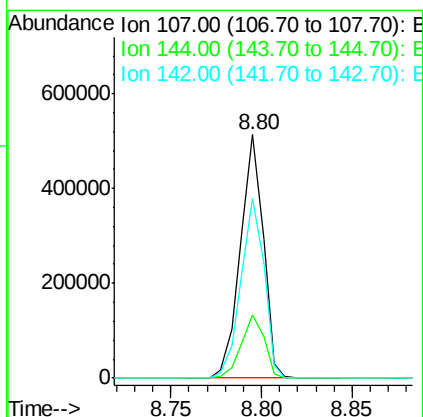
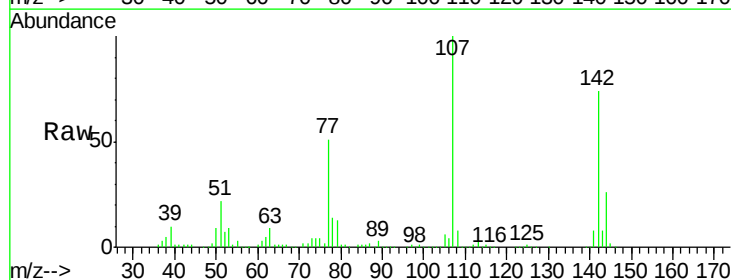
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

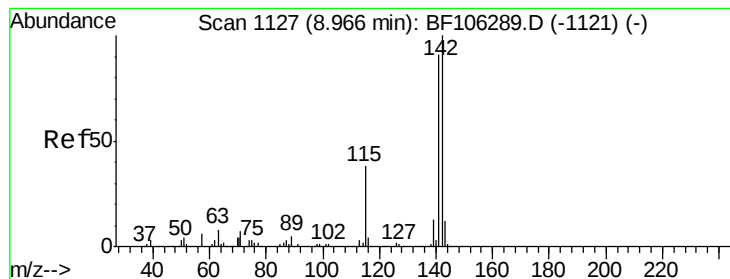
Tot Ion:113 Resp: 138038
 Ion Ratio Lower Upper
 113 100
 55 191.8 163.3 203.3
 56 141.7 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.863 ng
 RT: 8.80 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BF106315.D
 Acq: 12 Jun 2018 00:29

Tgt Ion:107 Resp: 452405
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.5 30.7
 142 73.8 62.0 93.0





#37

2-Methylnaphthalene

Concen: 39.733 ng

RT: 8.97 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

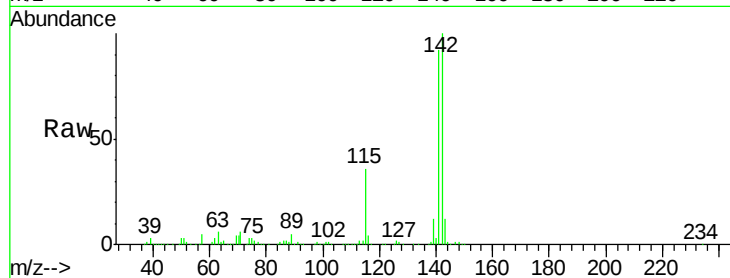
Tot Ion:142 Resp: 902940

Ion Ratio Lower Upper

142 100

141 92.3 70.8 106.2

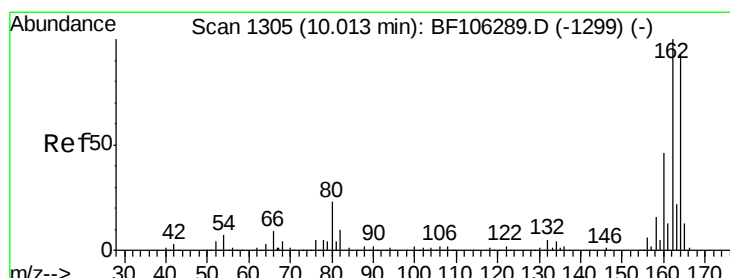
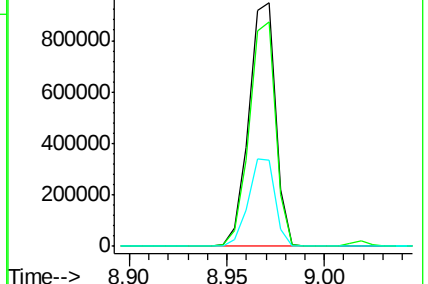
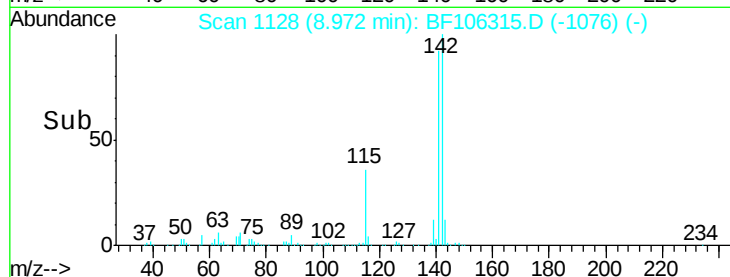
115 35.7 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

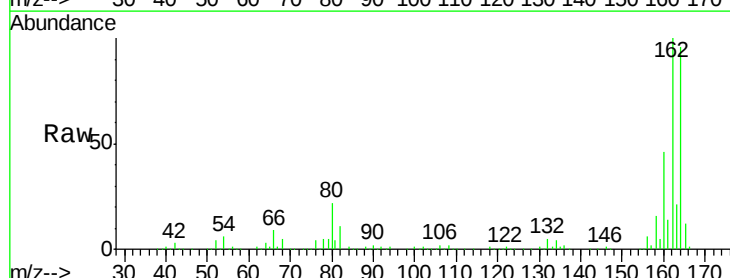
Tgt Ion:164 Resp: 314861

Ion Ratio Lower Upper

164 100

162 104.5 86.1 129.1

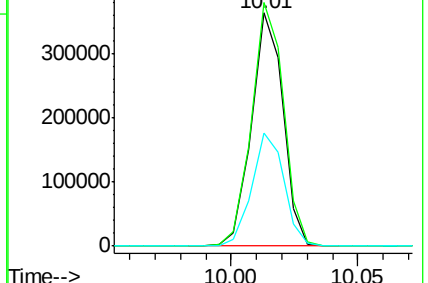
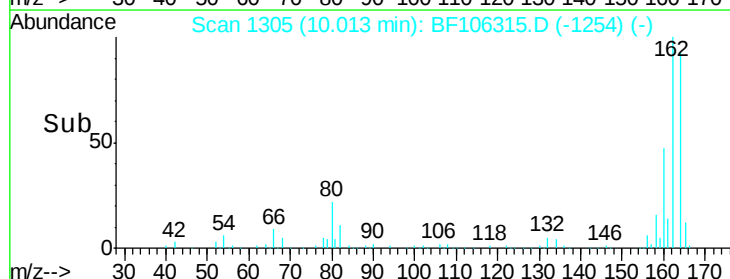
160 48.6 38.3 57.5

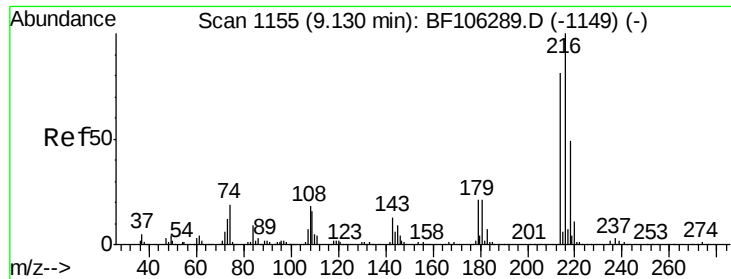


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

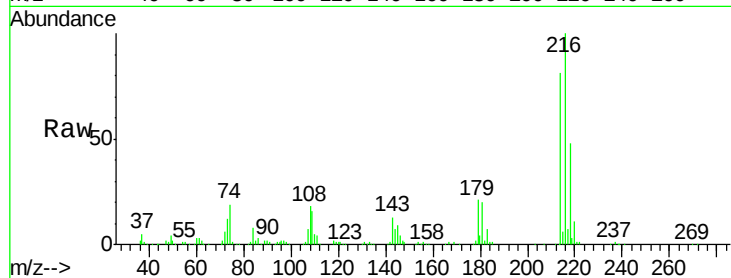




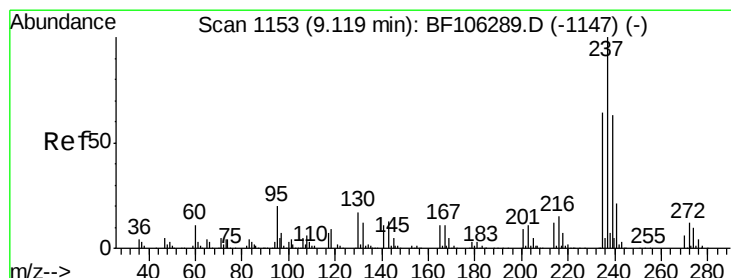
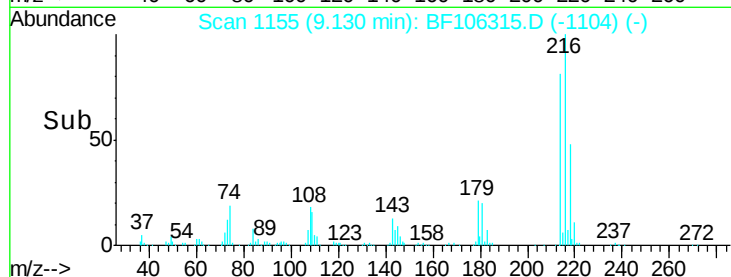
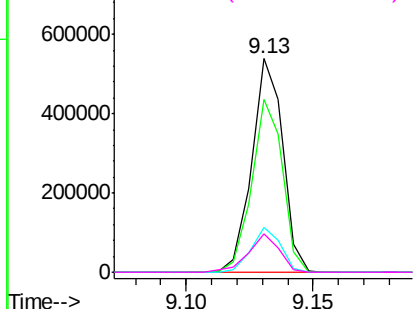
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.670 ng
 RT: 9.13 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF106315.D
 Acq: 12 Jun 2018 00:29

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

Tot Ion:	216	Resp:	456586
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.0	94.4
179	20.1	18.1	27.1
108	17.8	17.2	25.8

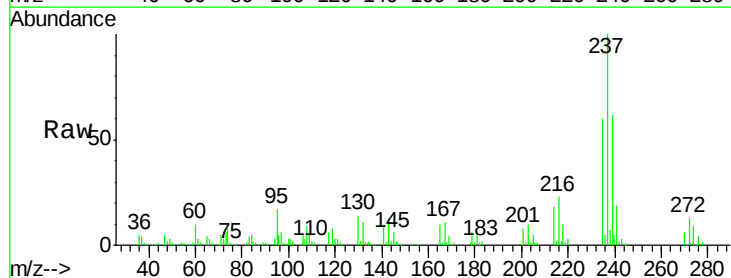


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

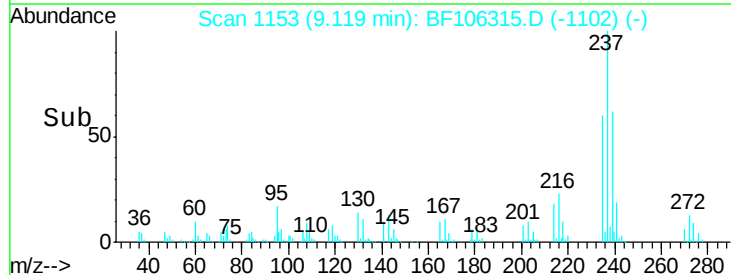
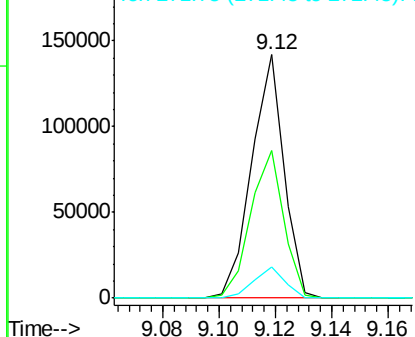


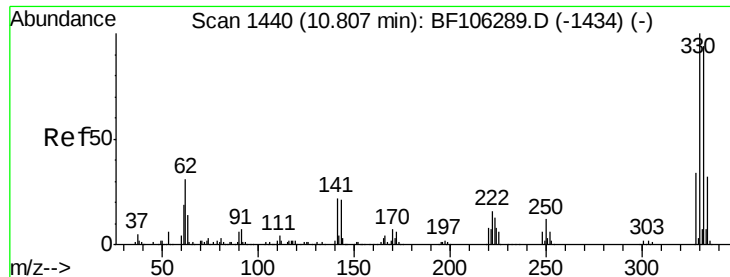
#40
 Hexachlorocyclopentadiene
 Concen: 20.029 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF106315.D
 Acq: 12 Jun 2018 00:29

Tgt Ion:	237	Resp:	112952
Ion	Ratio	Lower	Upper
237	100		
235	60.4	44.8	84.8
272	13.0	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

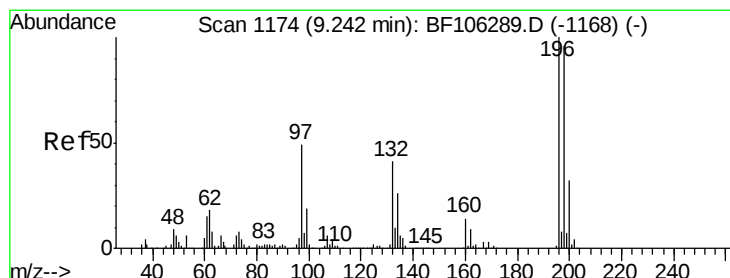
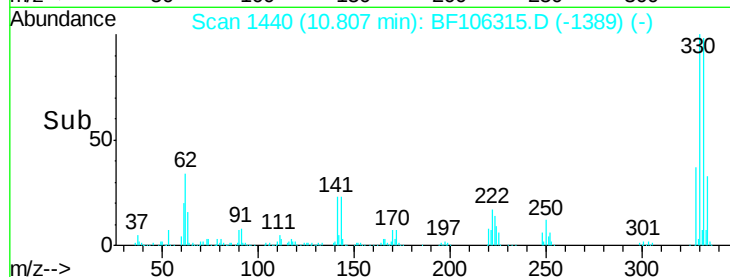
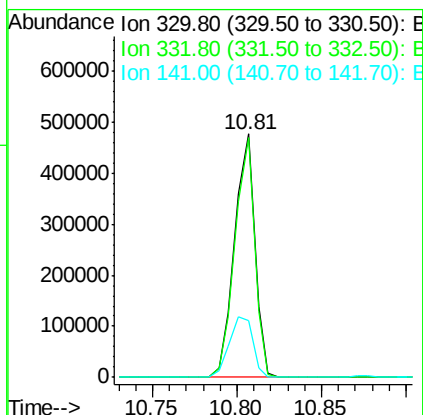
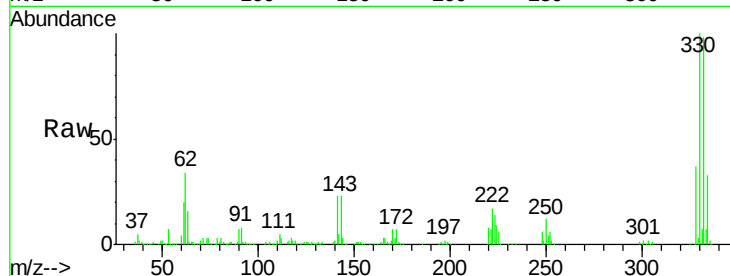




#41
 2,4,6-Tribromophenol
 Concen: 132.156 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF106315.D
 Acq: 12 Jun 2018 00:29

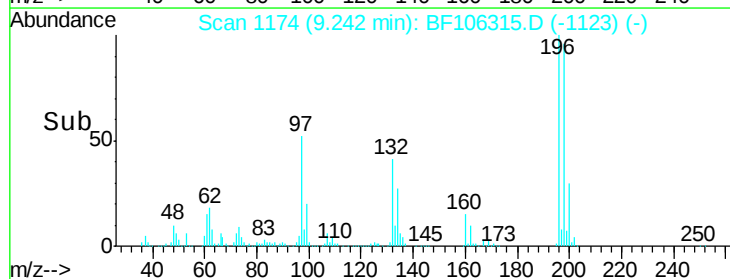
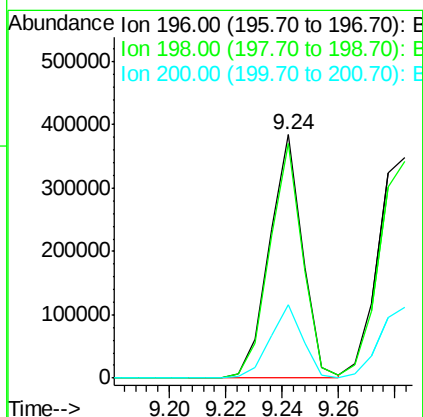
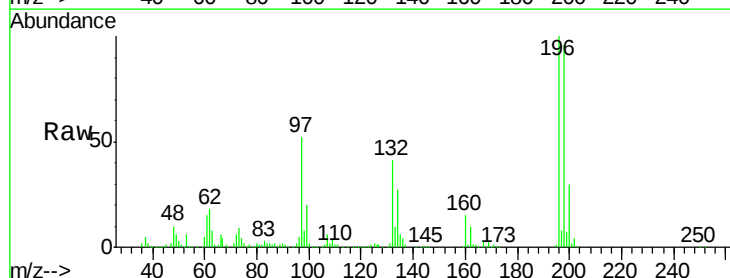
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

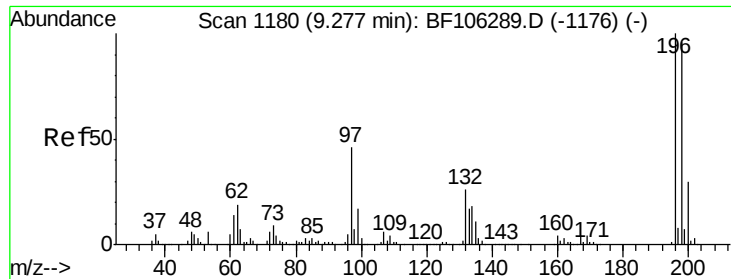
Tot Ion:330 Resp: 400368
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 28.9 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 47.964 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106315.D
 Acq: 12 Jun 2018 00:29

Tgt Ion:196 Resp: 312428
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.7 113.5
 200 30.3 24.5 36.7

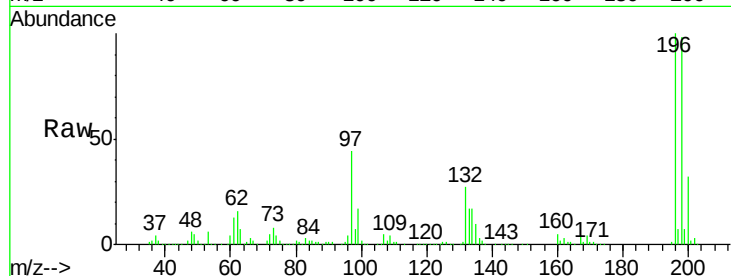




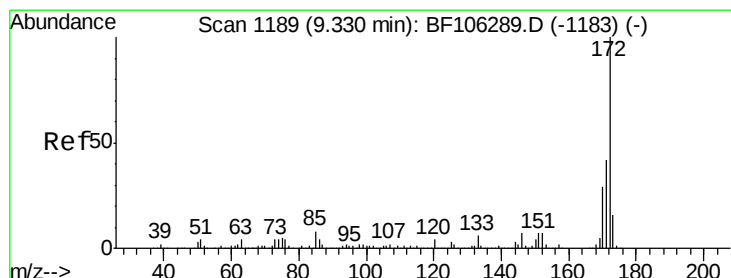
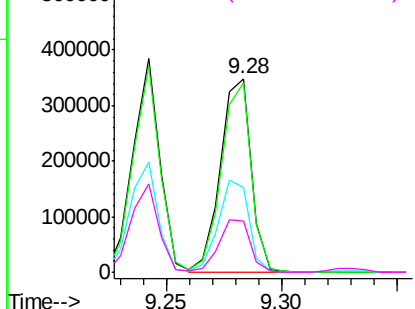
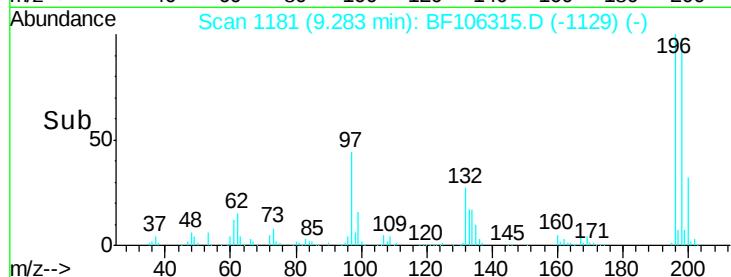
#43
 2,4,5-Trichlorophenol
 Concen: 45.621 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF106315.D
 Acq: 12 Jun 2018 00:29

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

Tot Ion:196	Resp:	320353
Ion	Ratio	Lower Upper
196	100	
198	97.8	74.6 112.0
97	43.8	42.9 64.3
132	26.6	26.3 39.5

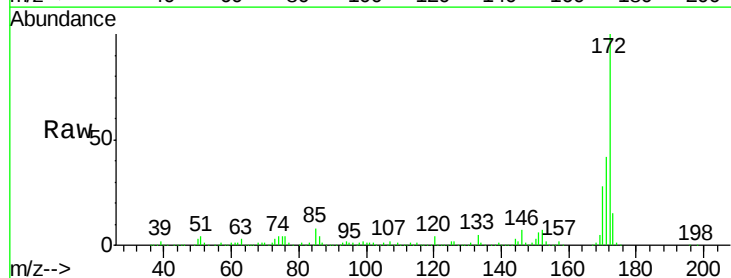


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

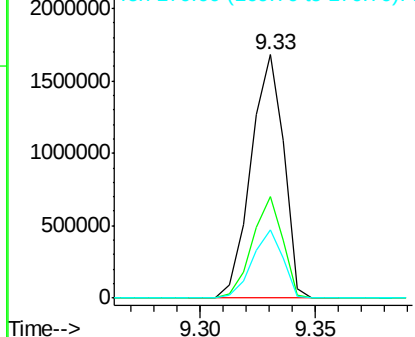
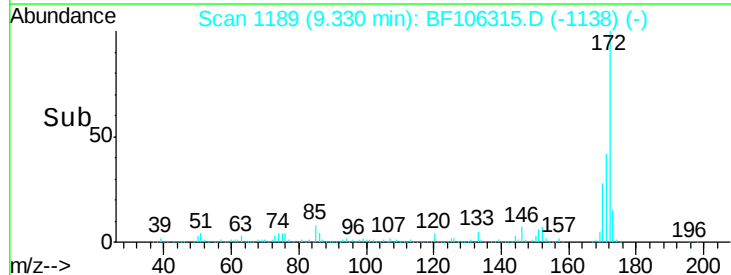


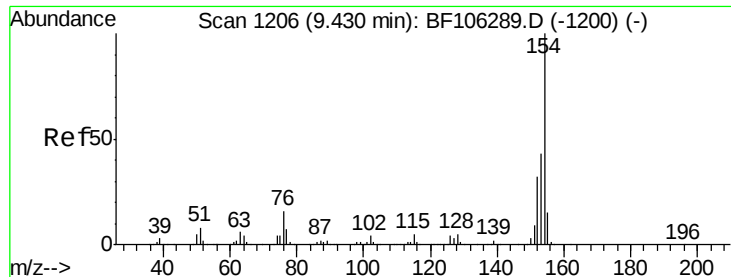
#44
 2-Fluorobiphenyl
 Concen: 98.038 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF106315.D
 Acq: 12 Jun 2018 00:29

Tgt Ion:172	Resp:	1657649
Ion	Ratio	Lower Upper
172	100	
171	41.7	29.7 44.5
170	28.3	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

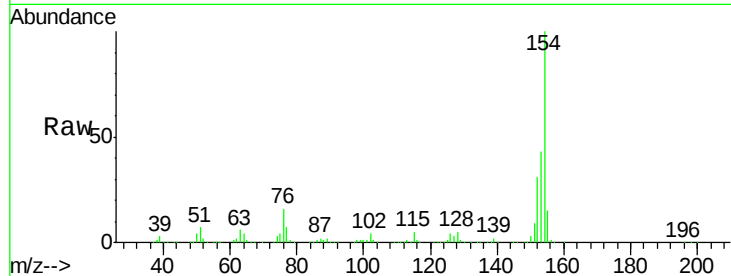




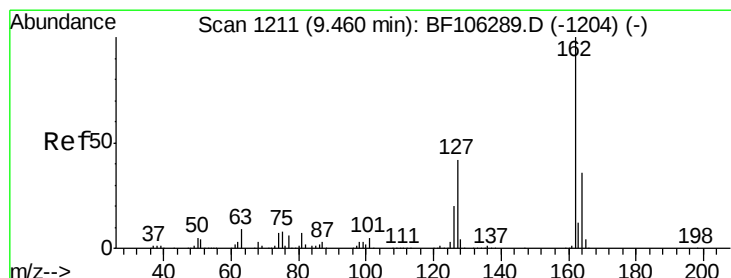
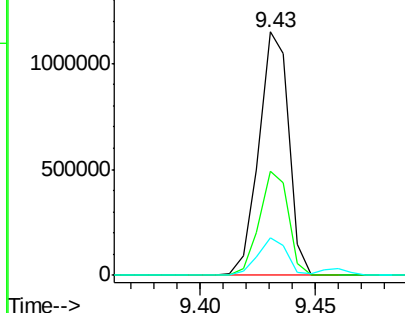
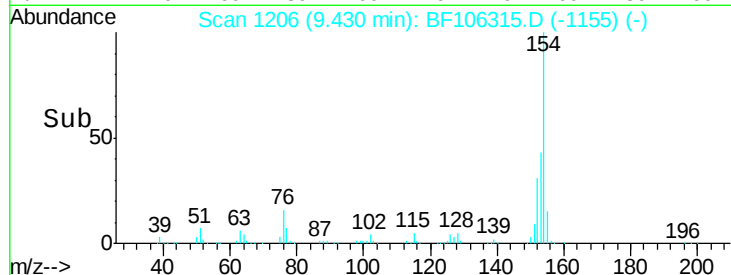
#45
 1,1'-Biphenyl
 Concen: 42.676 ng
 RT: 9.43 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF106315.D
 Acq: 12 Jun 2018 00:29

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

Tot Ion:154 Resp: 1040763
 Ion Ratio Lower Upper
 154 100
 153 42.8 21.3 61.3
 76 15.5 0.0 34.0

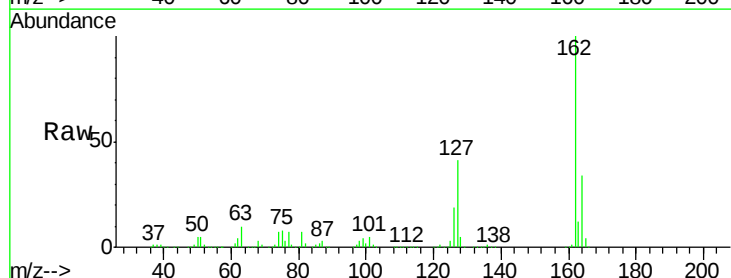


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

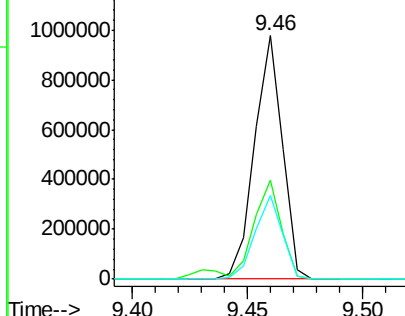
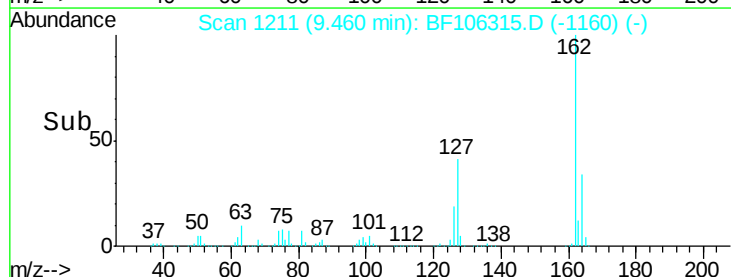


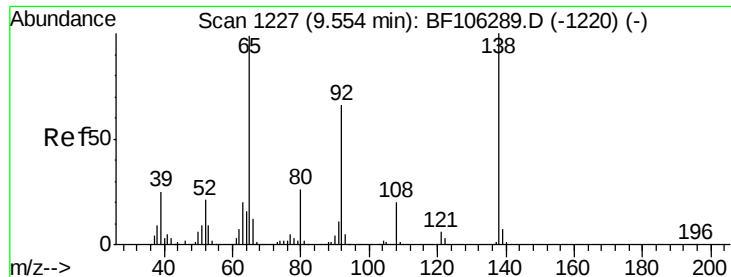
#46
 2-Chloronaphthalene
 Concen: 42.435 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF106315.D
 Acq: 12 Jun 2018 00:29

Tgt Ion:162 Resp: 828186
 Ion Ratio Lower Upper
 162 100
 127 40.9 33.9 50.9
 164 34.2 26.5 39.7



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

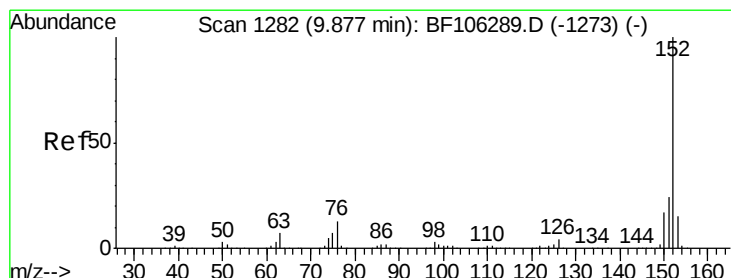
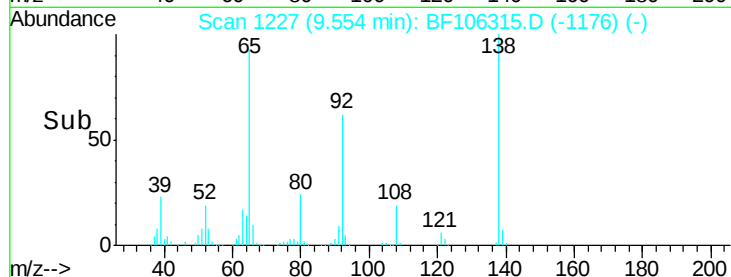
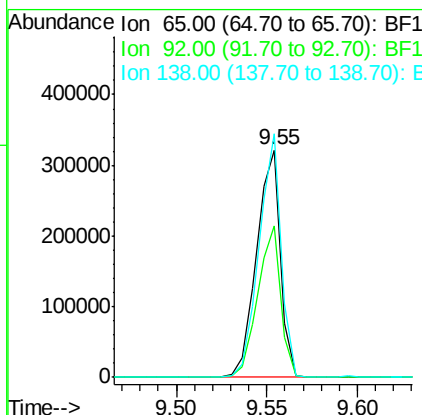
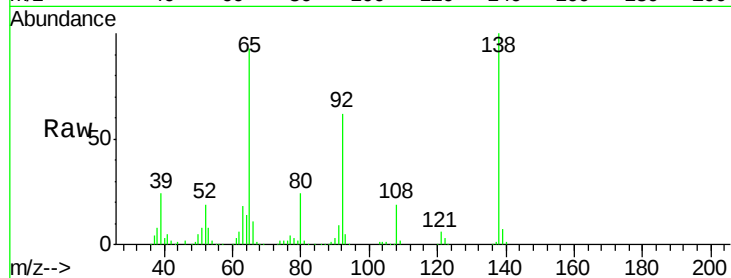




#47
2-Nitroaniline
Concen: 47.667 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

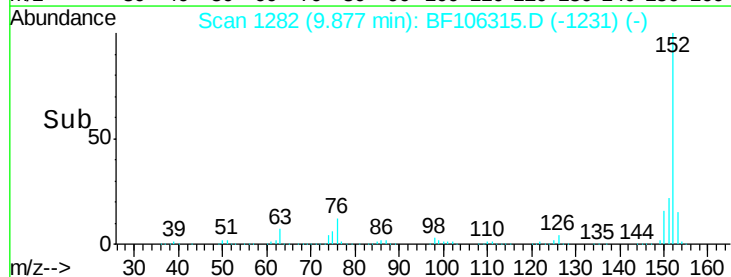
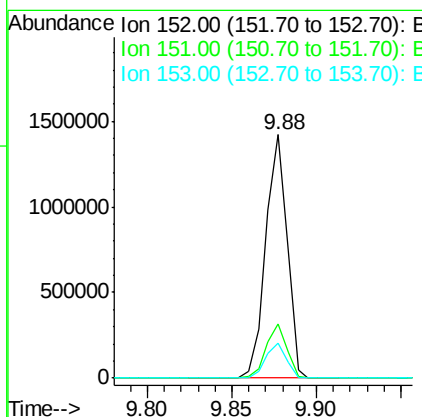
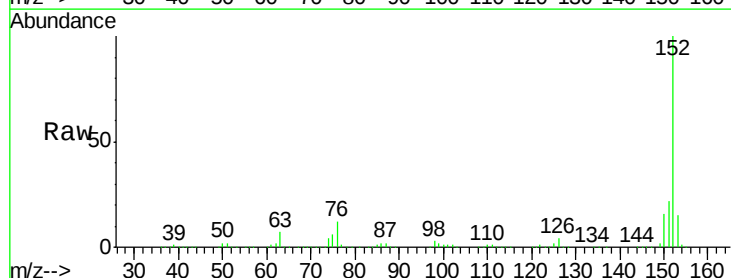
Instrument :
BNA_F
ClientSampleId :
SP-1MSD

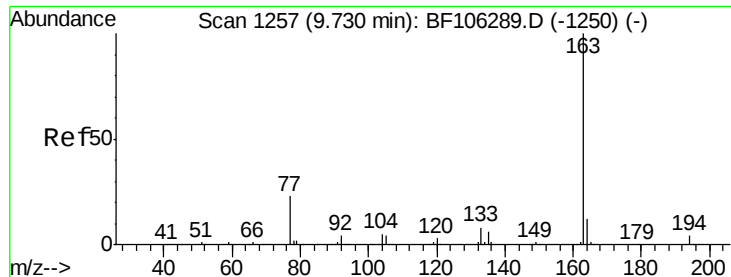
Tot Ion: 65 Resp: 292652
Ion Ratio Lower Upper
65 100
92 66.6 55.8 83.6
138 107.2 91.2 136.8



#48
Acenaphthylene
Concen: 41.702 ng
RT: 9.88 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

Tgt Ion: 152 Resp: 1245740
Ion Ratio Lower Upper
152 100
151 22.2 16.3 24.5
153 14.5 10.7 16.1

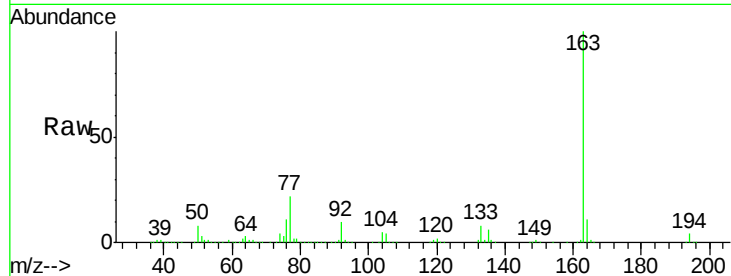




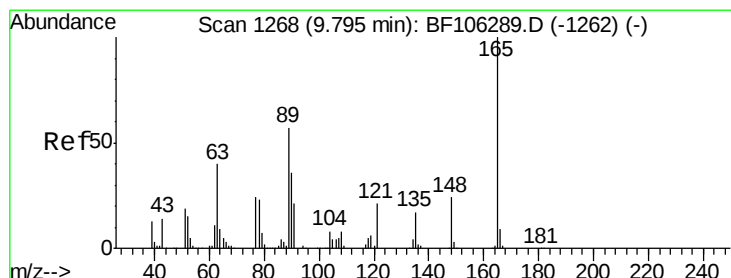
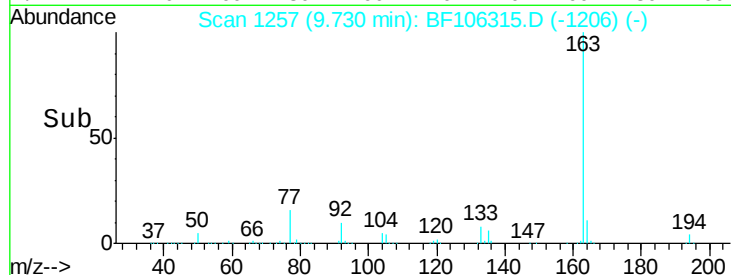
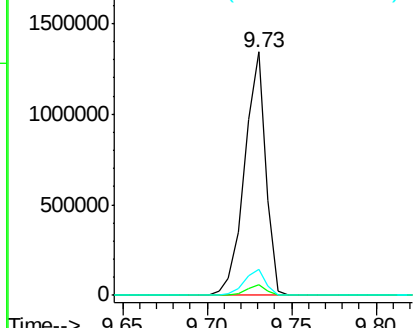
#49
Dimethylphthalate
Concen: 52.377 ng
RT: 9.73 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion:163 Resp: 1178231
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.9 8.2 12.2

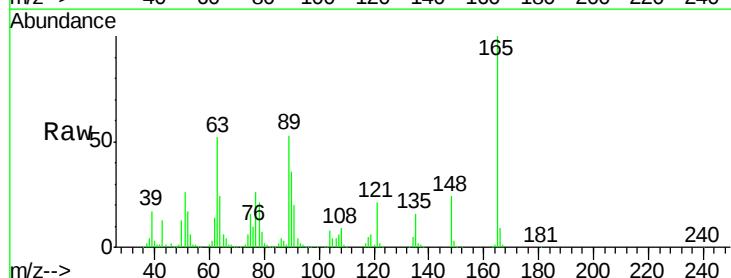


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

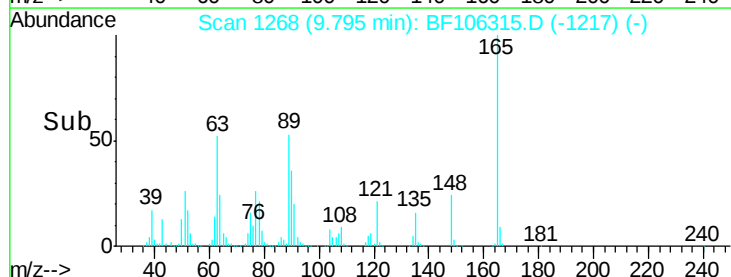
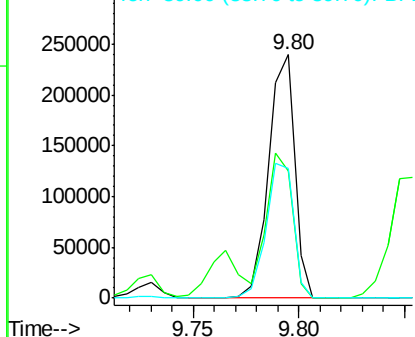


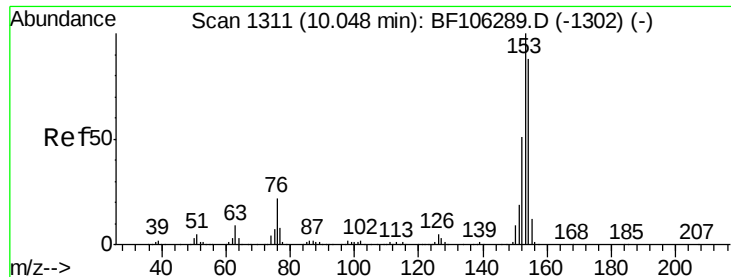
#50
2,6-Dinitrotoluene
Concen: 45.024 ng
RT: 9.80 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

Tgt Ion:165 Resp: 206883
Ion Ratio Lower Upper
165 100
63 52.5 44.7 67.1
89 53.3 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: 39.016 ng

RT: 10.05 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

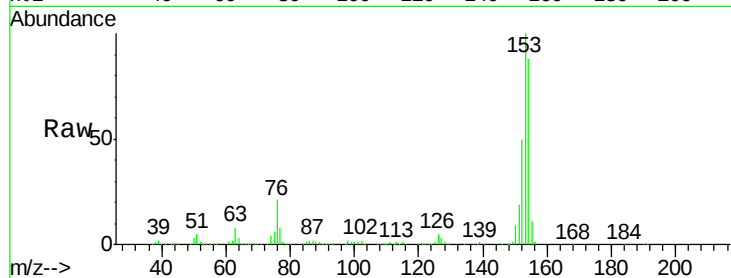
Tot Ion:154 Resp: 752685

Ion Ratio Lower Upper

154 100

153 113.6 91.2 136.8

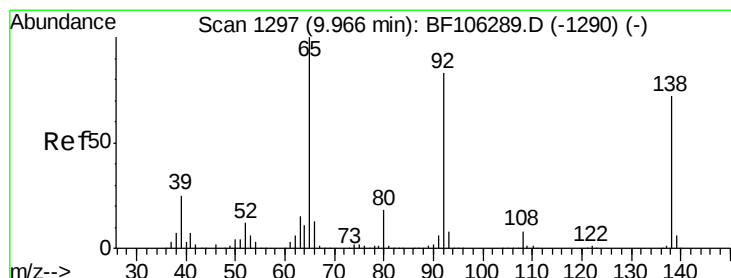
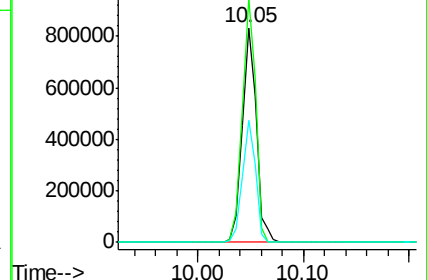
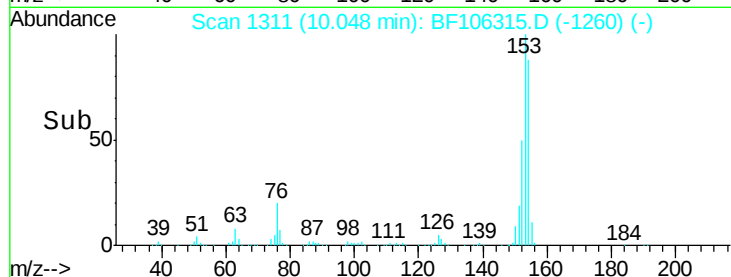
152 57.2 43.8 65.8



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: 30.160 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

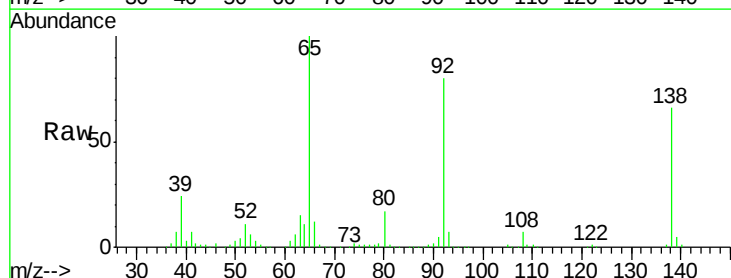
Tgt Ion:138 Resp: 164485

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

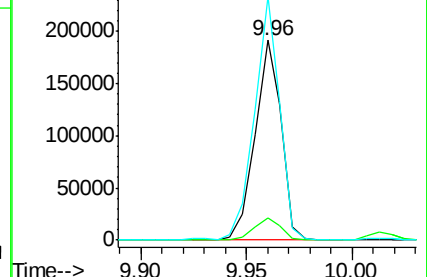
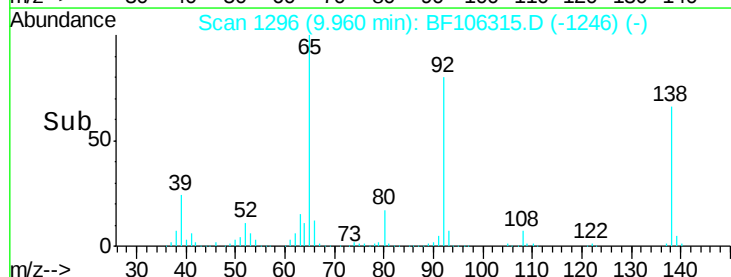
92 121.8 89.4 134.2

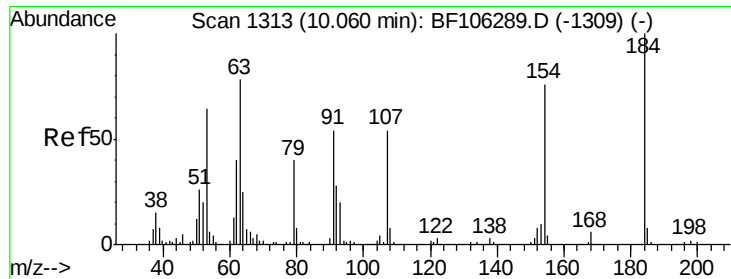


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

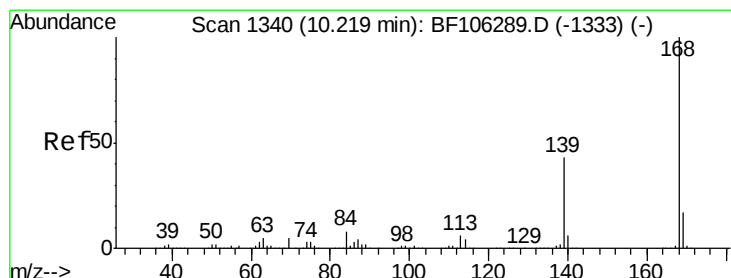
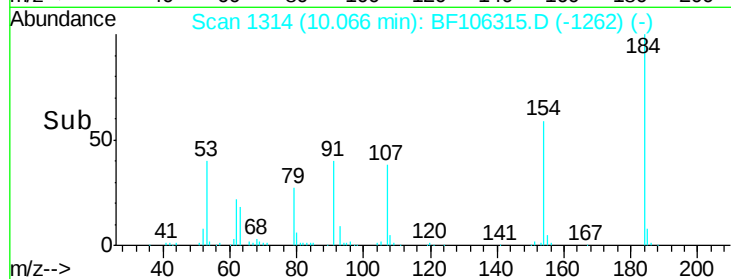
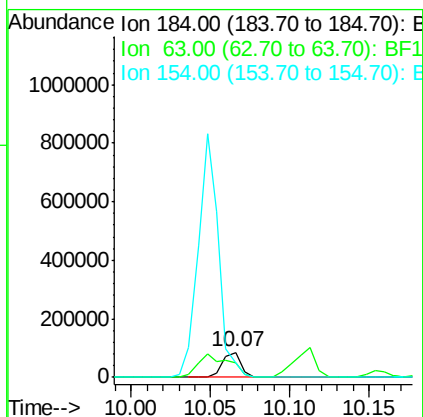
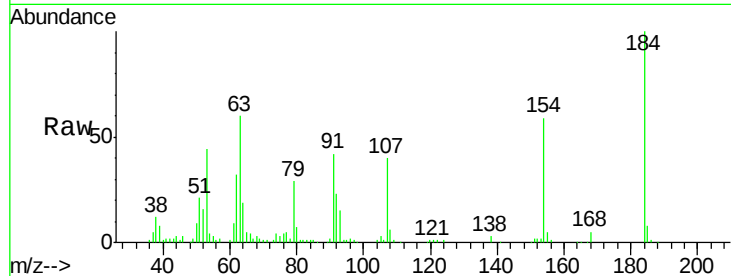




#53
 2,4-Dinitrophenol
 Concen: 38.885 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF106315.D
 Acq: 12 Jun 2018 00:29

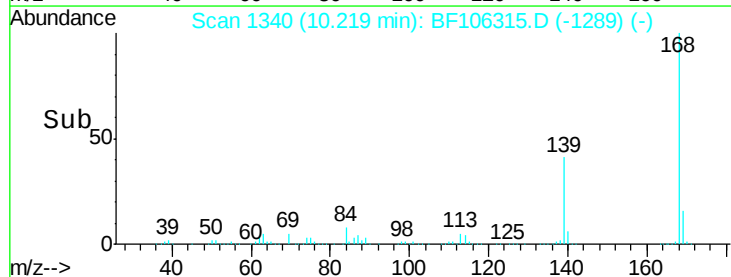
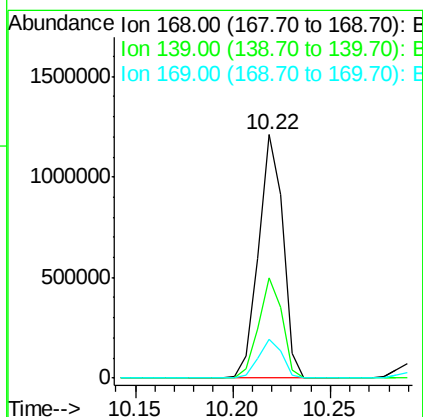
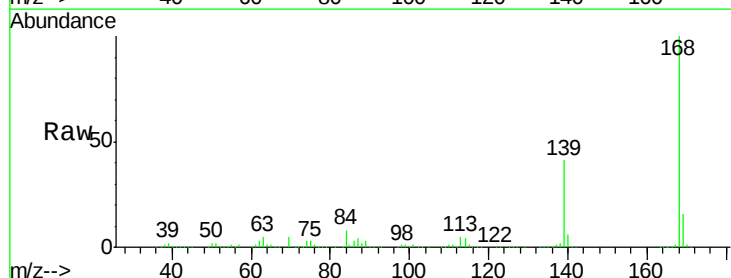
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

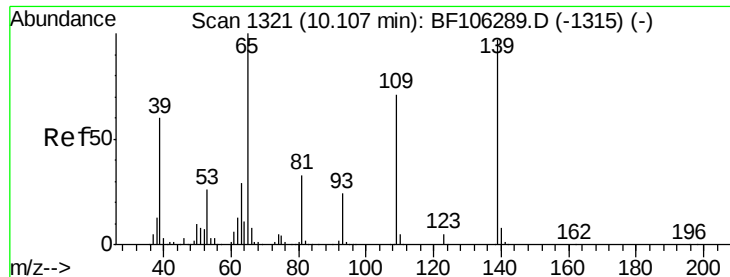
Tot Ion:184 Resp: 71569
 Ion Ratio Lower Upper
 184 100
 63 59.7 54.2 81.2
 154 59.4 184.0 276.0#



#54
 Dibenzofuran
 Concen: 40.342 ng
 RT: 10.22 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF106315.D
 Acq: 12 Jun 2018 00:29

Tgt Ion:168 Resp: 1048010
 Ion Ratio Lower Upper
 168 100
 139 41.2 30.1 45.1
 169 16.2 10.9 16.3

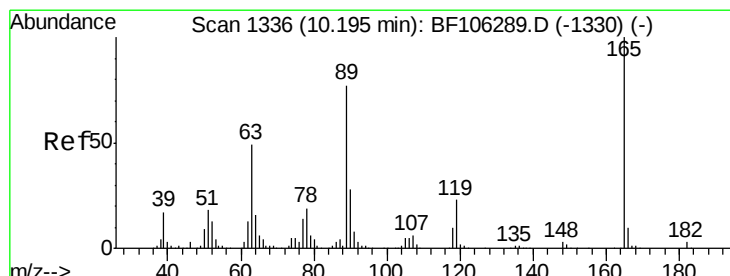
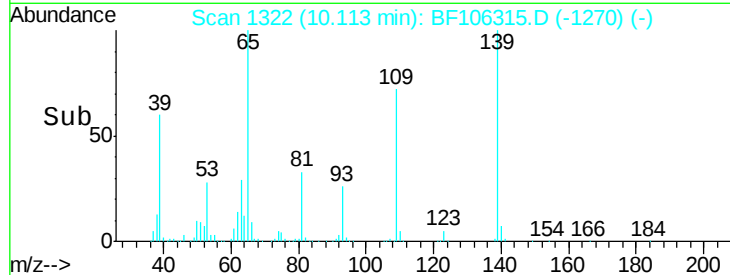
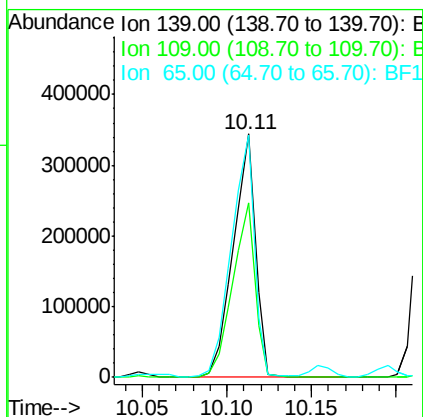
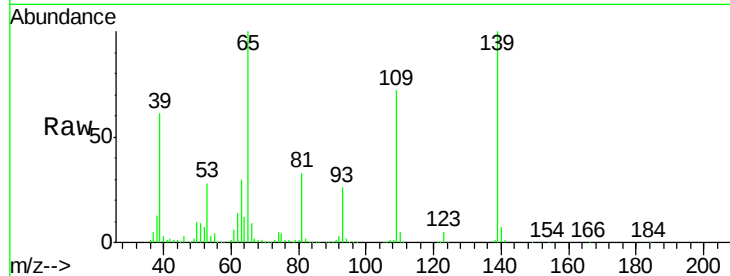




#55
4-Nitrophenol
Concen: 75.996 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

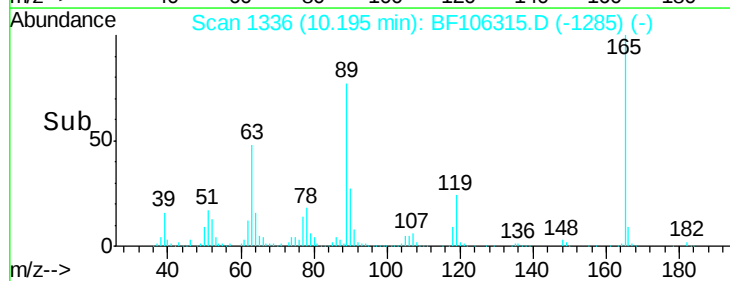
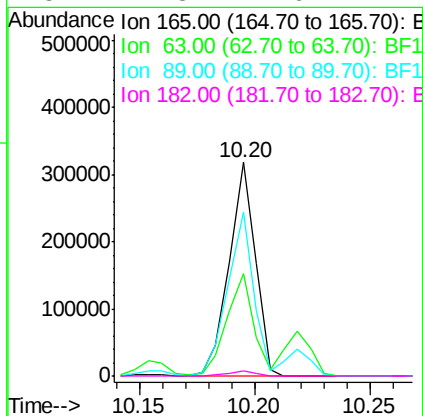
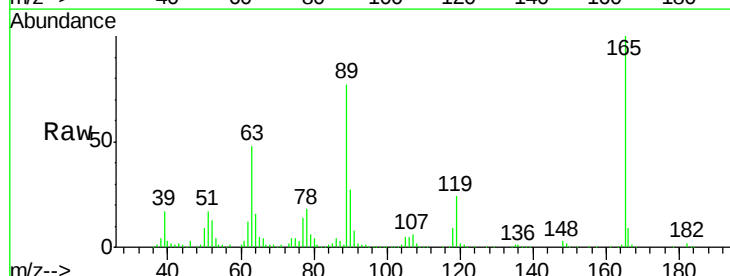
Instrument :
BNA_F
ClientSampleId :
SP-1MSD

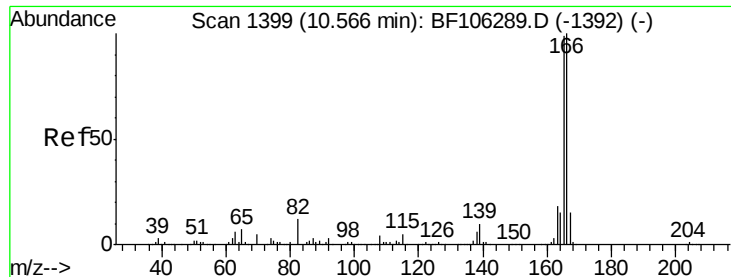
Tot Ion:139 Resp: 317682
Ion Ratio Lower Upper
139 100
109 71.5 48.4 88.4
65 99.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.988 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

Tgt Ion:165 Resp: 253822
Ion Ratio Lower Upper
165 100
63 48.3 36.4 54.6
89 76.8 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 38.068 ng

RT: 10.57 min Scan# 1399

Delta R.T. 0.00 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

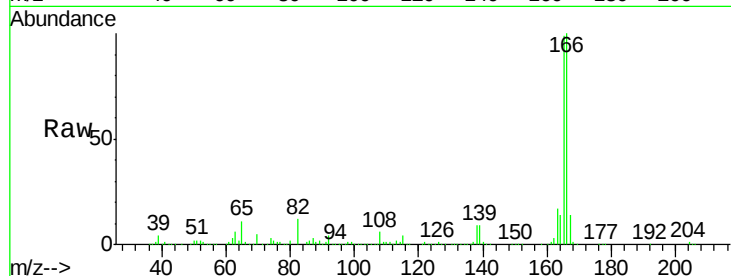
Tot Ion:166 Resp: 783536

Ion Ratio Lower Upper

166 100

165 99.4 79.8 119.8

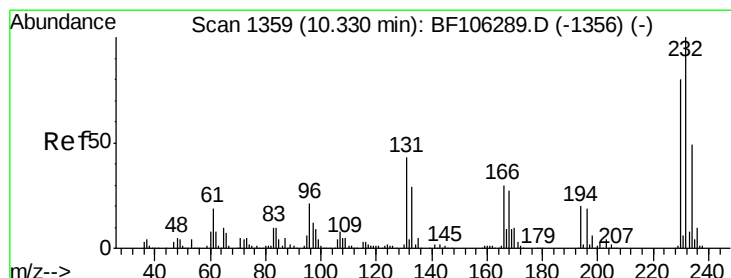
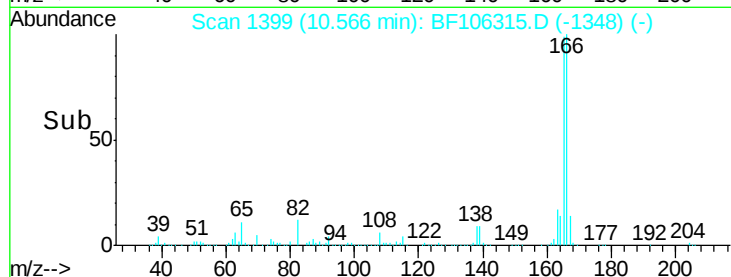
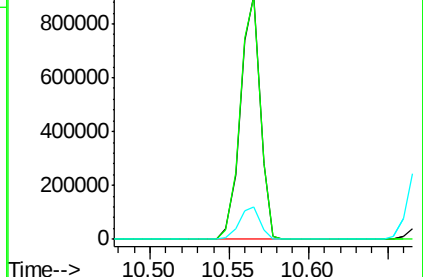
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.696 ng

RT: 10.33 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

Tgt Ion:232 Resp: 248759

Ion Ratio Lower Upper

232 100

131 42.1 43.8 65.8#

130 2.2 2.1 3.1

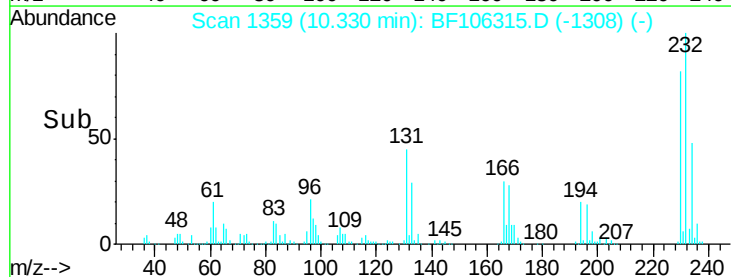
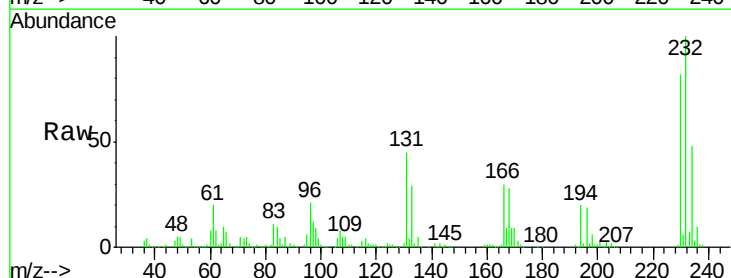
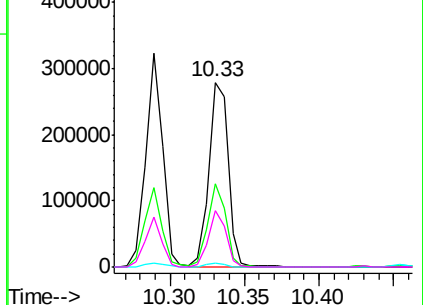
166 28.1 27.8 41.6

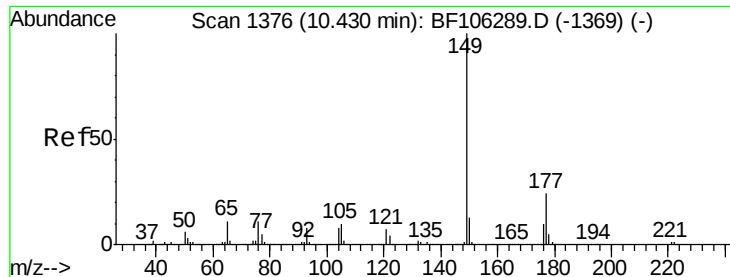
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

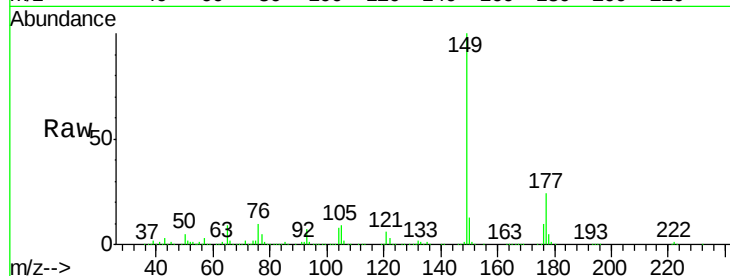




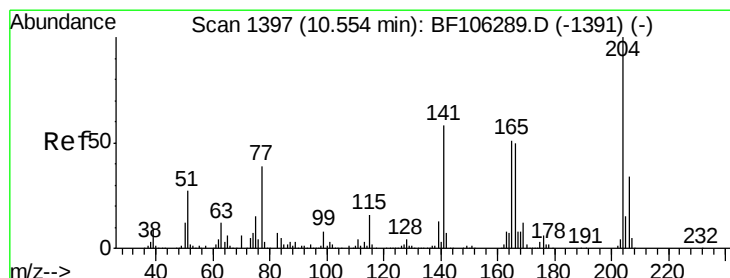
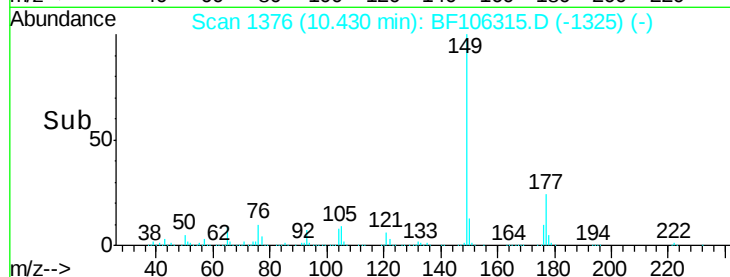
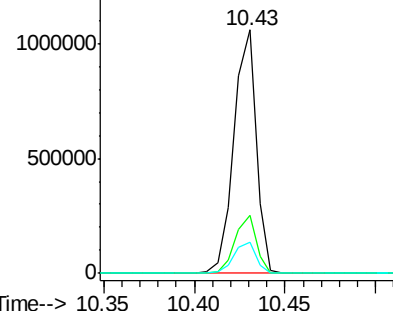
#59
Diethylphthalate
Concen: 40.784 ng
RT: 10.43 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

Instrument :
BNA_F
ClientSampled :
SP-1MSD

Tot Ion:149 Resp: 910608
Ion Ratio Lower Upper
149 100
177 24.0 16.1 24.1
150 13.0 10.1 15.1

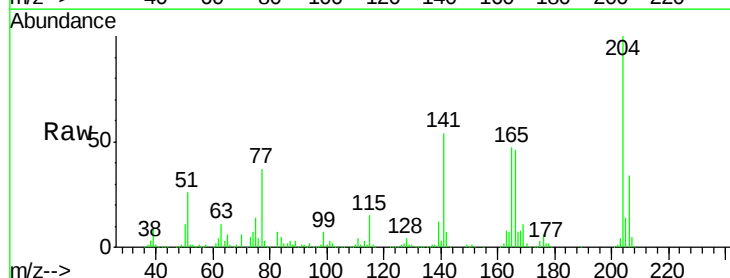


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

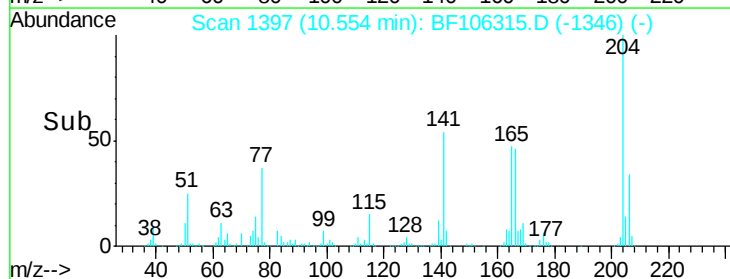
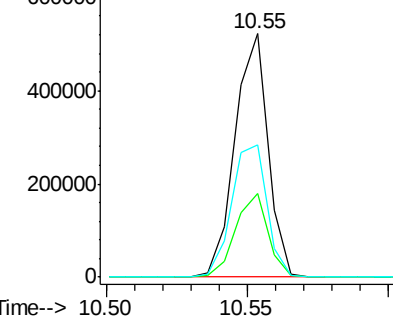


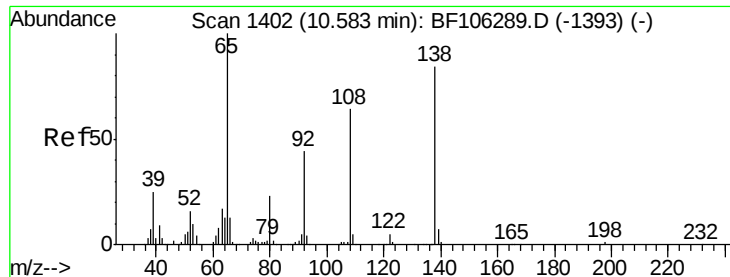
#60
4-Chlorophenyl-phenylether
Concen: 39.148 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

Tgt Ion:204 Resp: 423801
Ion Ratio Lower Upper
204 100
206 34.3 26.5 39.7
141 54.4 54.6 81.8#



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

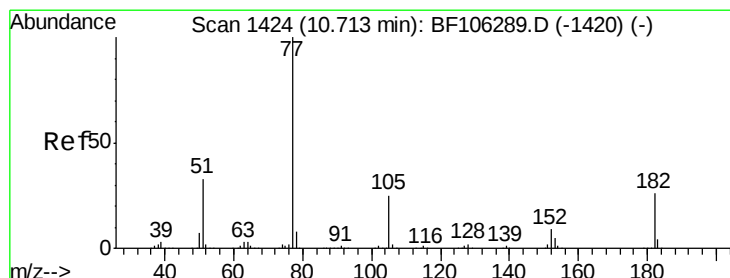
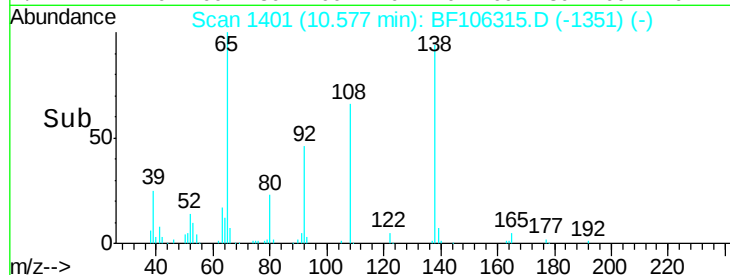
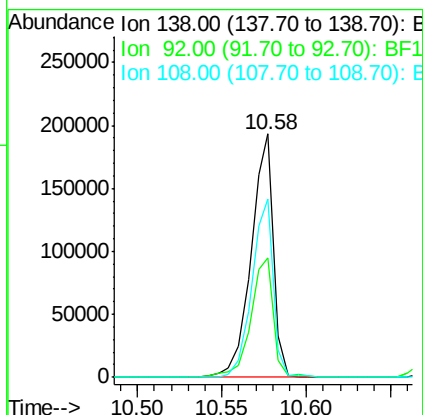
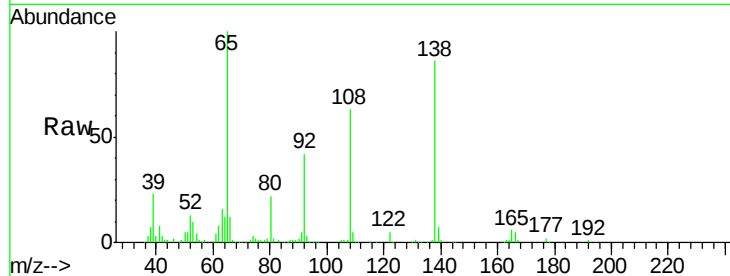




#61
4-Nitroaniline
Concen: 33.506 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

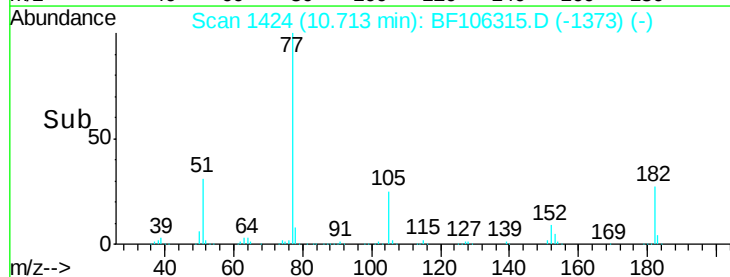
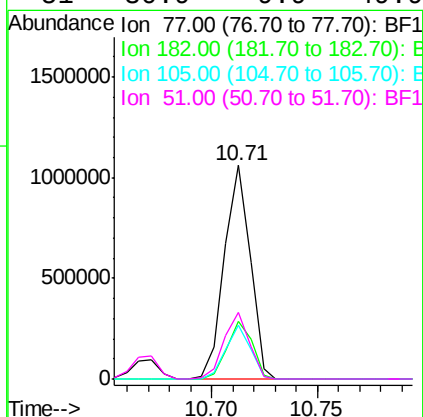
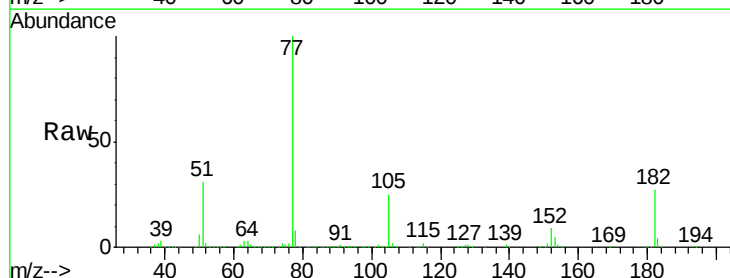
Instrument :
BNA_F
ClientSampled :
SP-1MSD

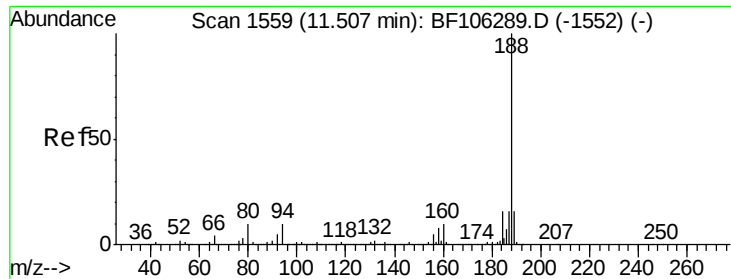
Tot Ion:138 Resp: 177786
Ion Ratio Lower Upper
138 100
92 48.9 30.2 70.2
108 73.5 52.5 92.5



#62
Azobenzene
Concen: 38.465 ng
RT: 10.71 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

Tgt Ion: 77 Resp: 895536
Ion Ratio Lower Upper
77 100
182 26.9 1.7 41.7
105 25.2 3.0 43.0
51 30.9 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: BF106315.D

Acq: 12 Jun 2018 00:29

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

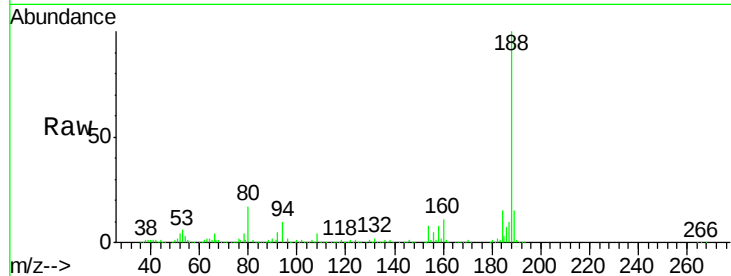
Tot Ion:188 Resp: 499689

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

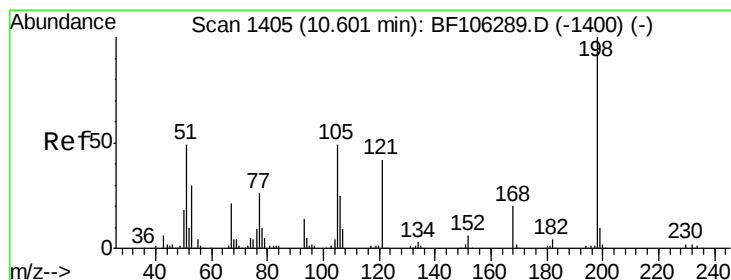
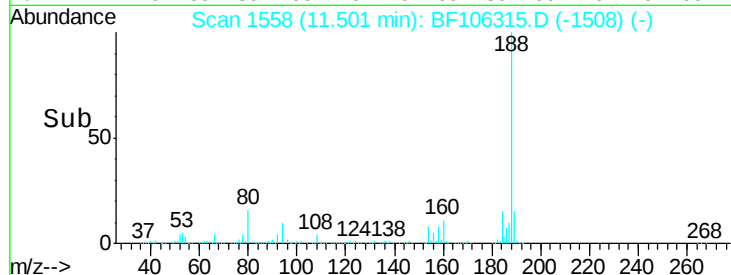
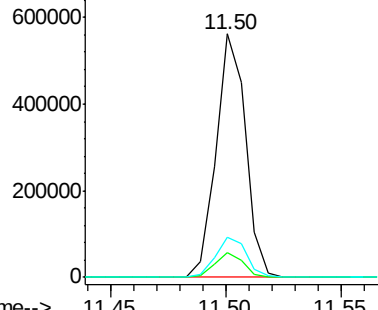
80 16.7 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 24.325 ng

RT: 10.60 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

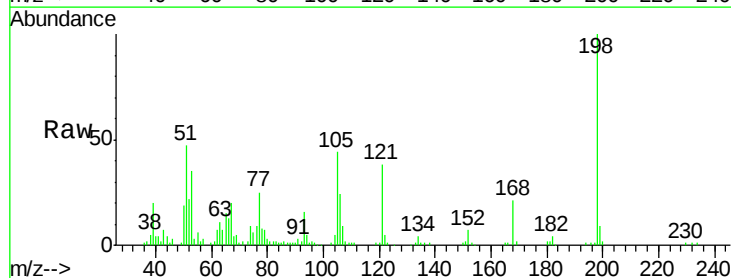
Tgt Ion:198 Resp: 55936

Ion Ratio Lower Upper

198 100

51 46.6 37.7 77.7

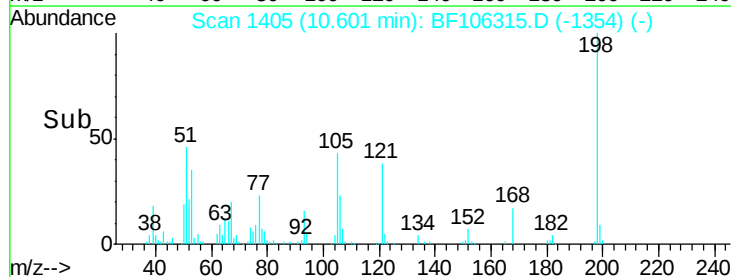
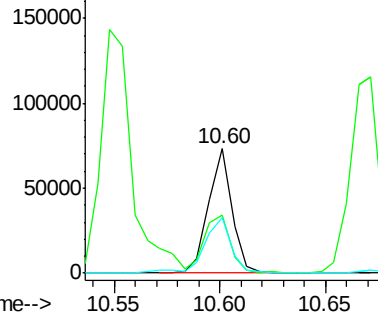
105 44.4 36.3 76.3

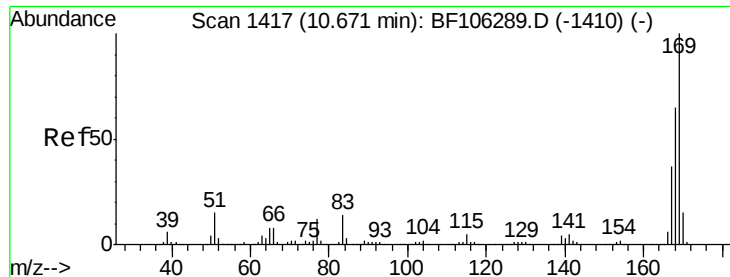


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

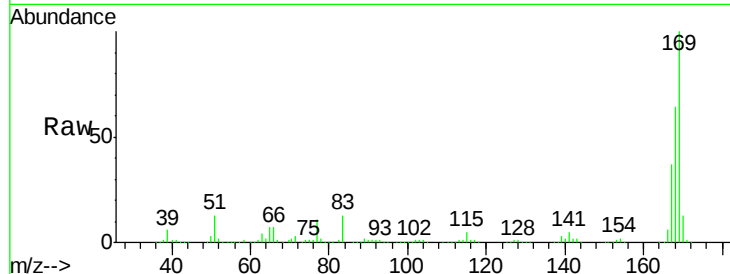




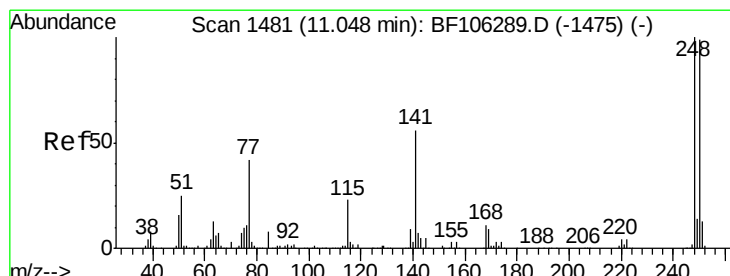
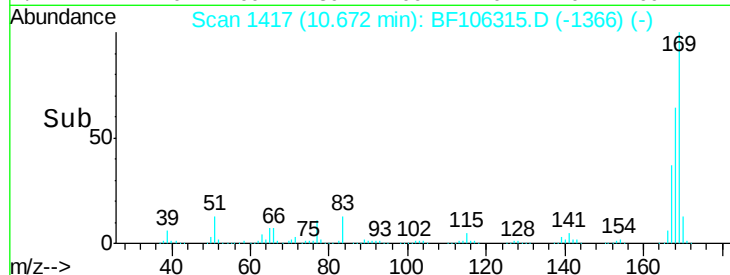
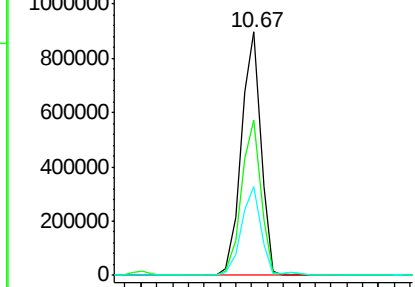
#65
 n-Nitrosodiphenylamine
 Concen: 45.585 ng
 RT: 10.67 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF106315.D
 Acq: 12 Jun 2018 00:29

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

Tot Ion:169 Resp: 765541
 Ion Ratio Lower Upper
 169 100
 168 64.0 54.4 81.6
 167 36.5 29.8 44.6

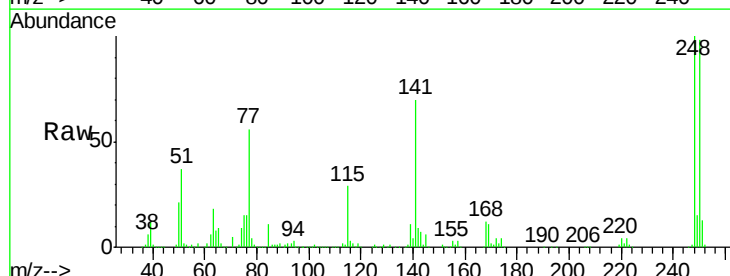


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

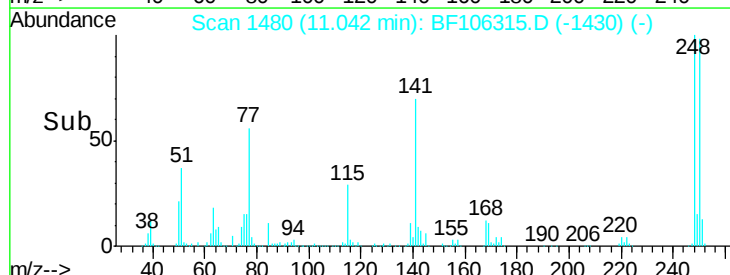
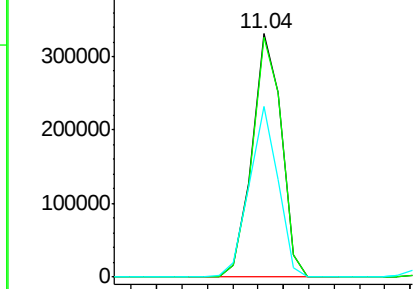


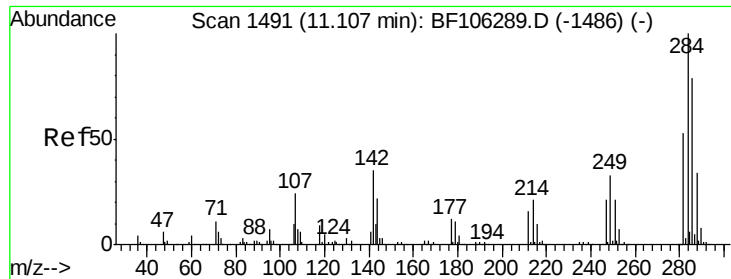
#66
 4-Bromophenyl-phenylether
 Concen: 47.105 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF106315.D
 Acq: 12 Jun 2018 00:29

Tgt Ion:248 Resp: 267717
 Ion Ratio Lower Upper
 248 100
 250 98.3 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

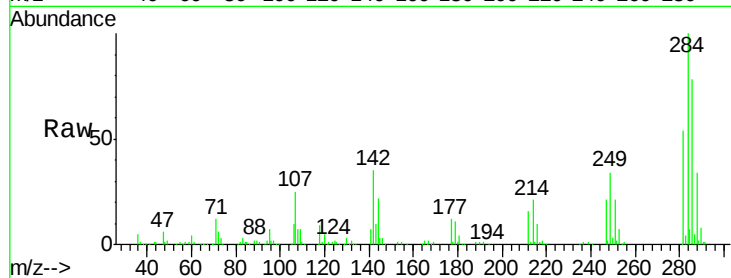




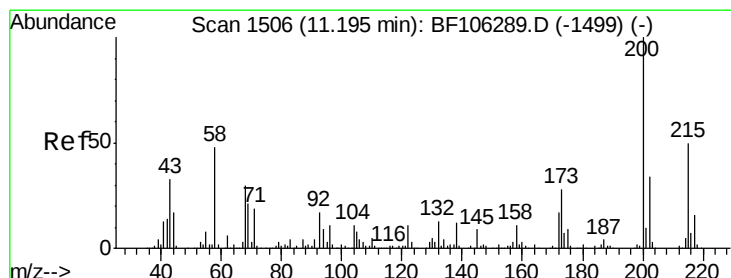
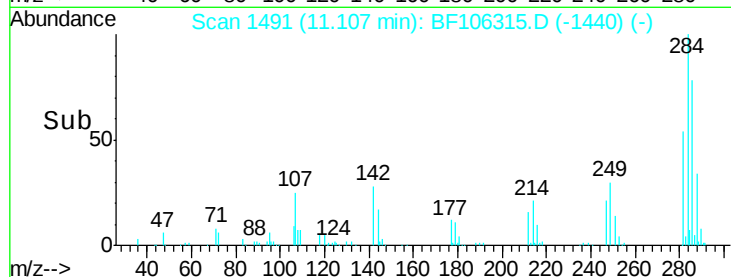
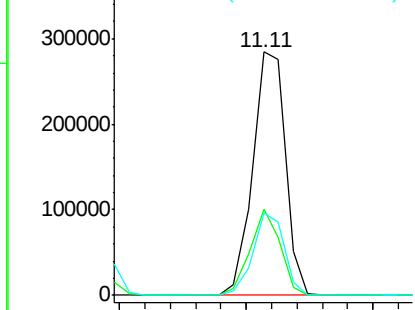
#67
Hexachlorobenzene
Concen: 43.855 ng
RT: 11.11 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion:284 Resp: 256958
Ion Ratio Lower Upper
284 100
142 35.5 34.6 52.0
249 33.7 24.8 37.2

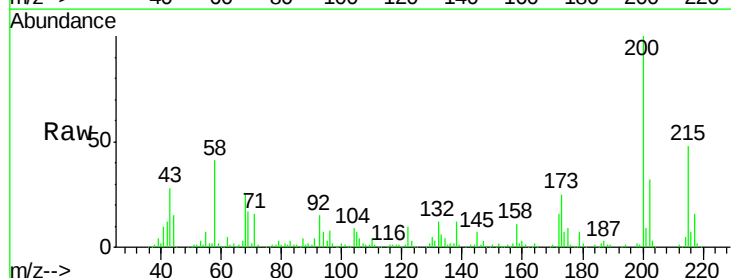


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

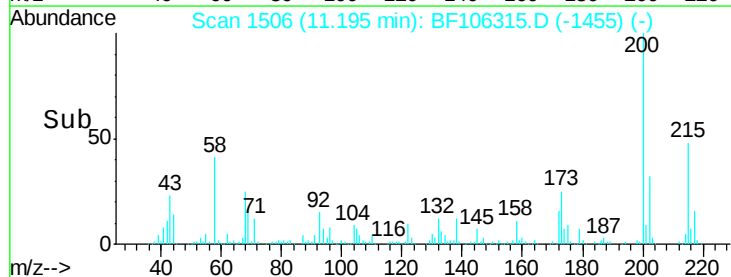
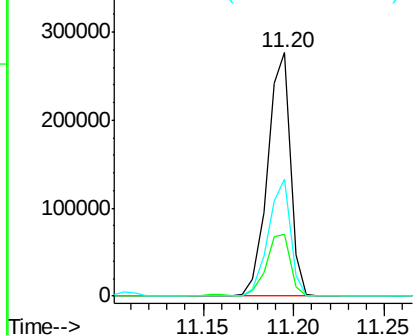


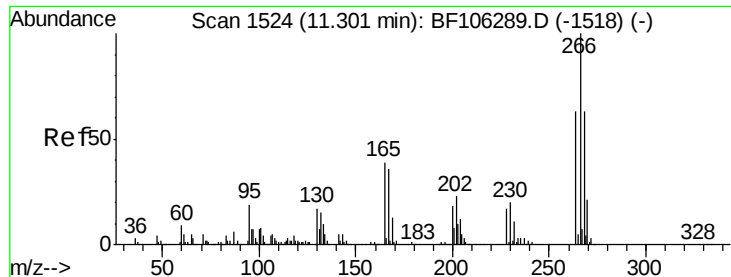
#68
Atrazine
Concen: 46.813 ng
RT: 11.20 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

Tgt Ion:200 Resp: 242276
Ion Ratio Lower Upper
200 100
173 25.4 8.6 48.6
215 47.9 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

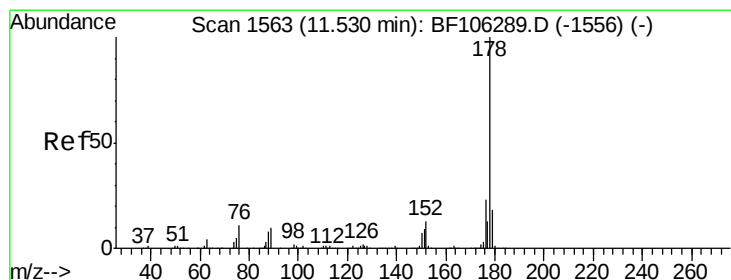
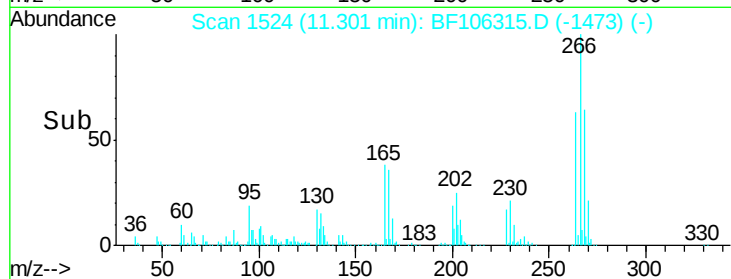
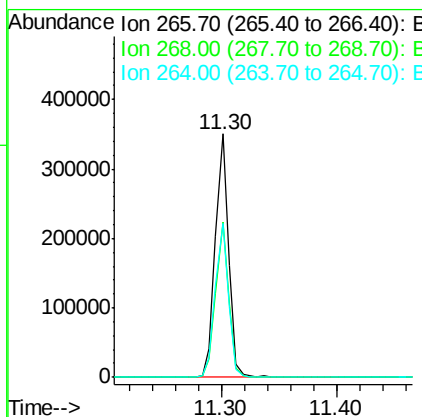
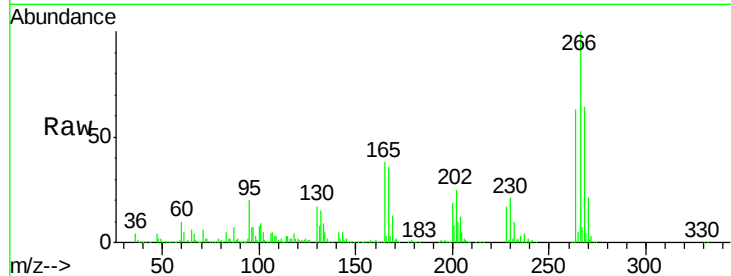




#69
 Pentachlorophenol
 Concen: 77.879 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF106315.D
 Acq: 12 Jun 2018 00:29

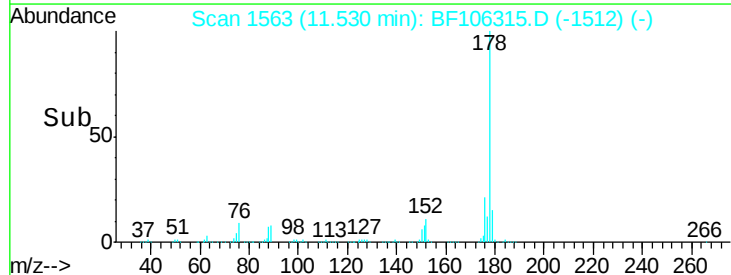
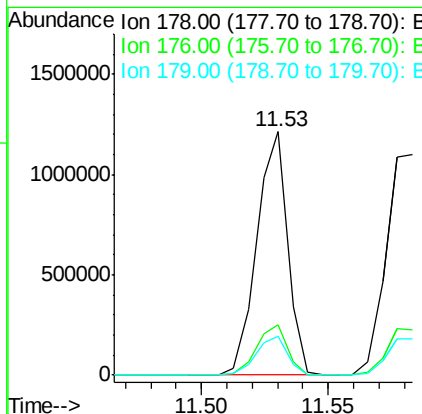
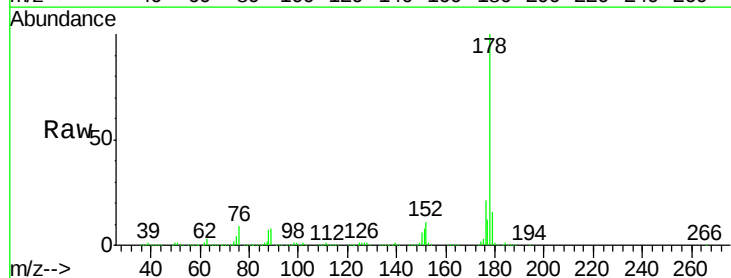
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

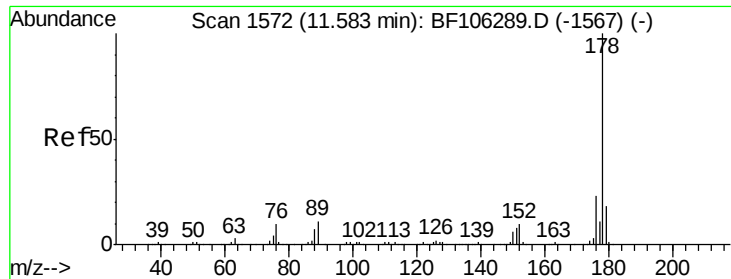
Tot Ion:266 Resp: 280940
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.1 76.7
 264 63.1 49.5 74.3



#70
 Phenanthrene
 Concen: 42.163 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BF106315.D
 Acq: 12 Jun 2018 00:29

Tgt Ion:178 Resp: 1031807
 Ion Ratio Lower Upper
 178 100
 176 20.9 15.8 23.8
 179 16.2 13.0 19.6

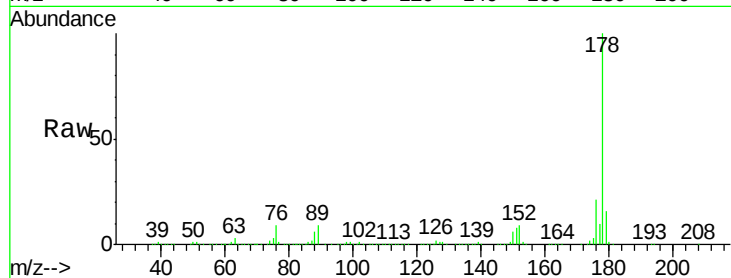




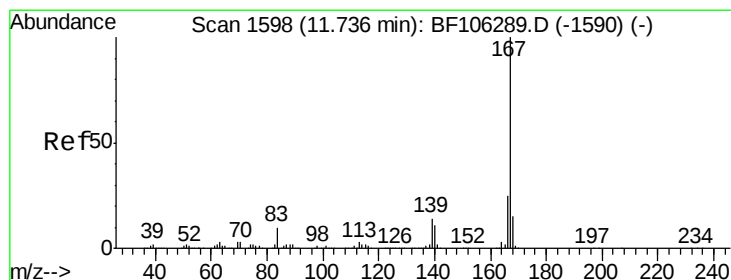
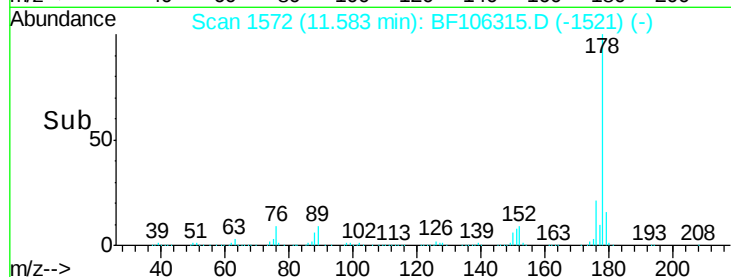
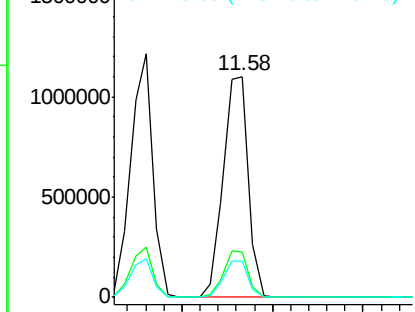
#71
 Anthracene
 Concen: 43.320 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF106315.D
 Acq: 12 Jun 2018 00:29

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

Tot Ion:178 Resp: 1062048
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.4 23.2
 179 16.5 12.6 19.0

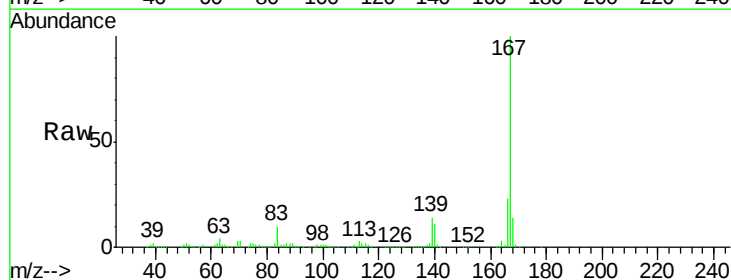


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

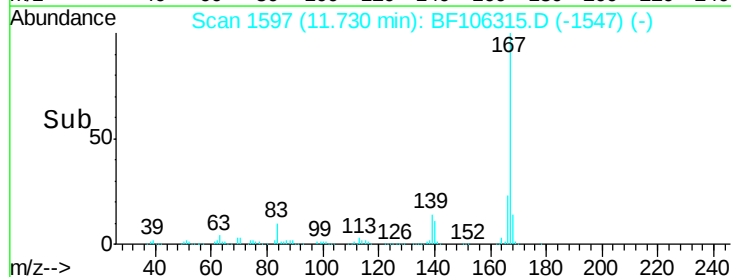
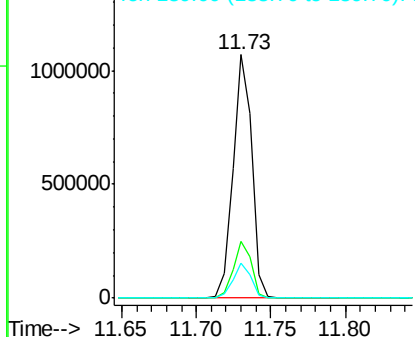


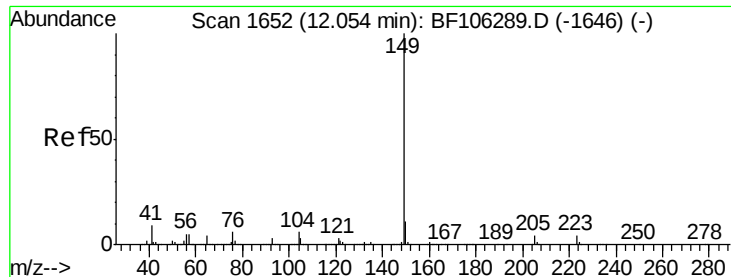
#72
 Carbazole
 Concen: 41.805 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106315.D
 Acq: 12 Jun 2018 00:29

Tgt Ion:167 Resp: 946205
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.6 26.4
 139 14.2 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.818 ng

RT: 12.05 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

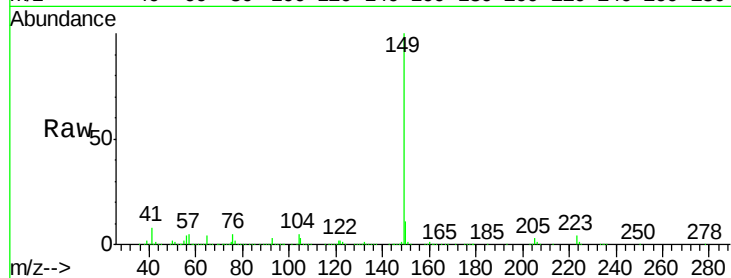
Tot Ion:149 Resp: 1179370

Ion Ratio Lower Upper

149 100

150 10.6 7.8 11.6

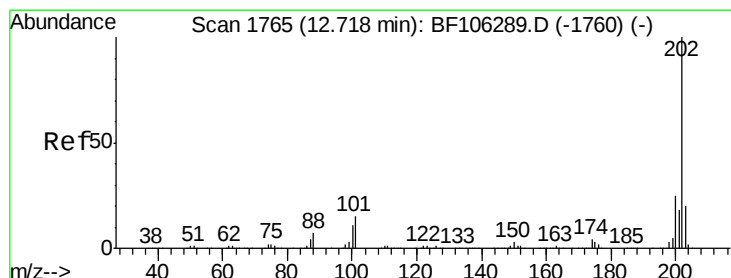
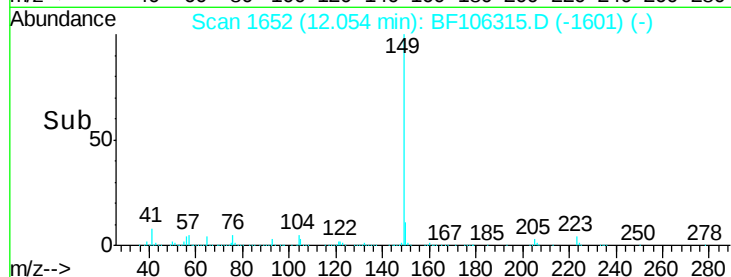
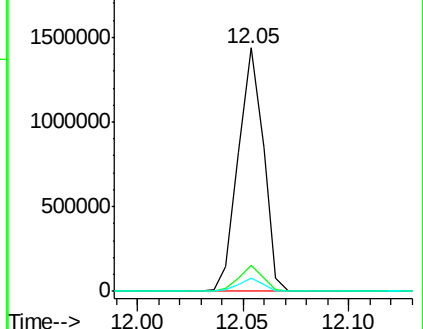
104 5.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.501 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

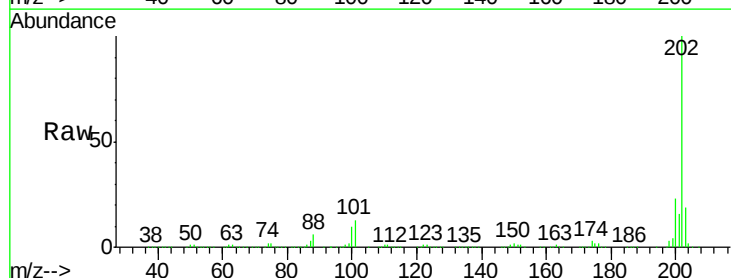
Tgt Ion:202 Resp: 1083093

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

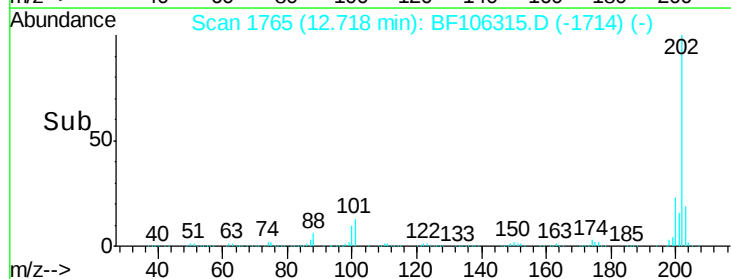
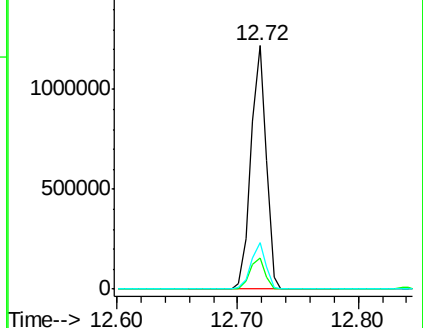
203 19.2 0.0 38.1

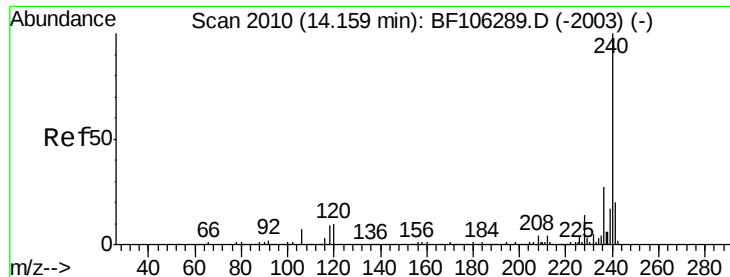


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

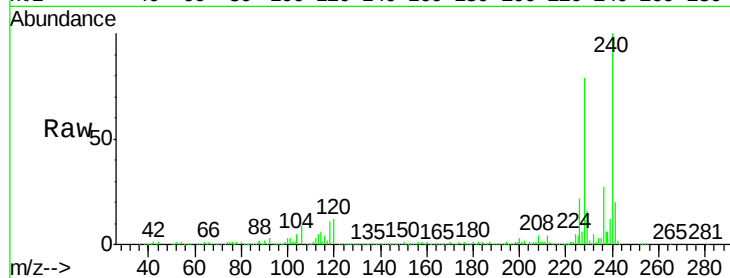
Tot Ion:240 Resp: 478583

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

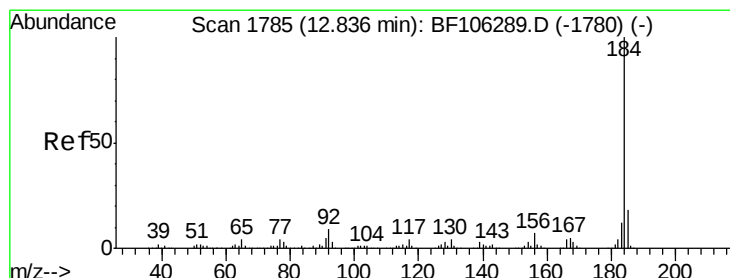
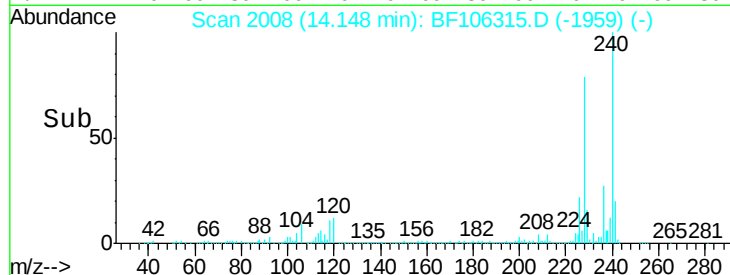
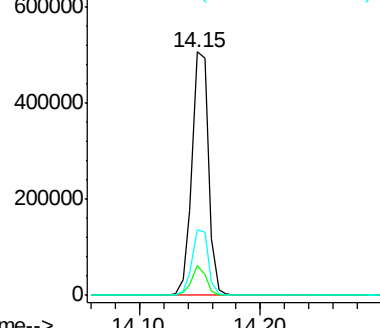
236 27.0 20.7 31.1



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: 60.865 ng

RT: 12.84 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

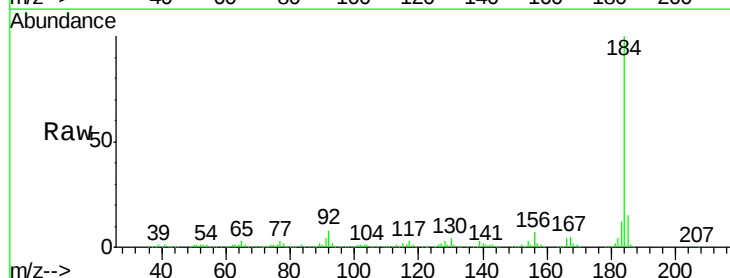
Tgt Ion:184 Resp: 969446

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

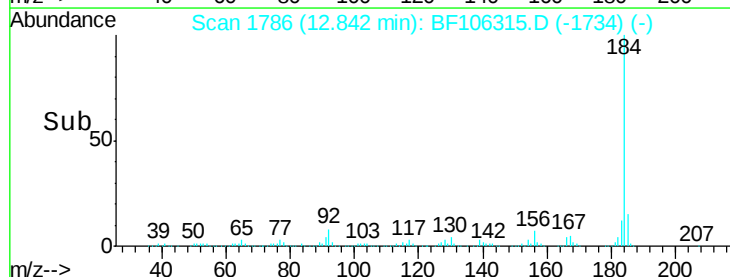
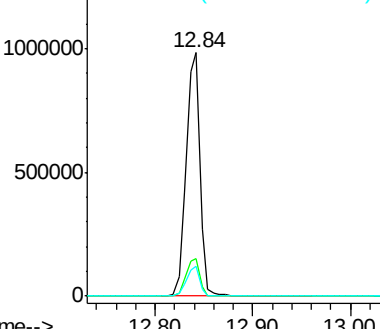
183 12.4 9.3 13.9

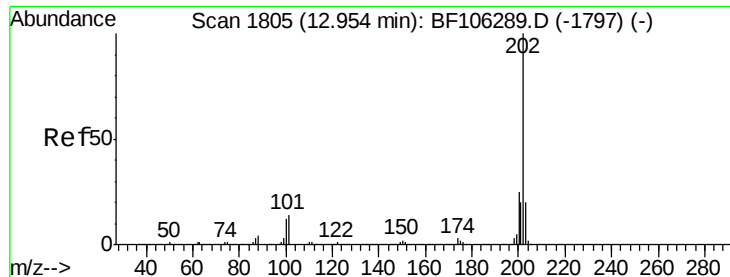


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.188 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

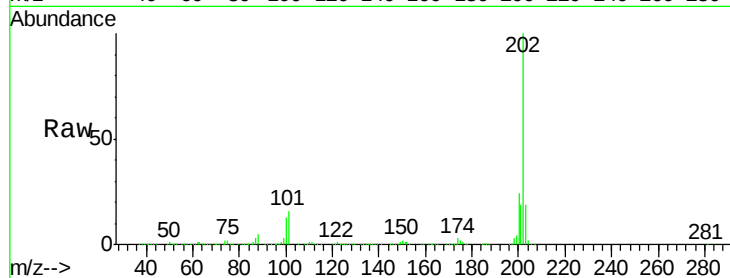
Tot Ion:202 Resp: 1114250

Ion Ratio Lower Upper

202 100

200 23.5 17.4 26.2

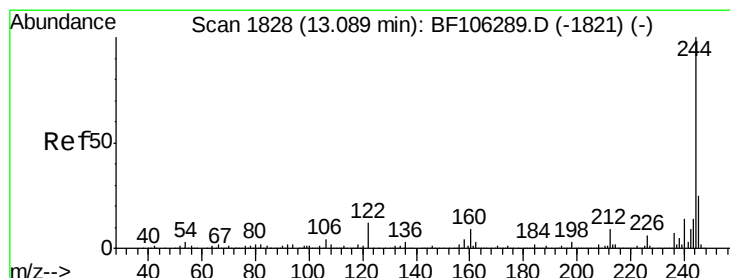
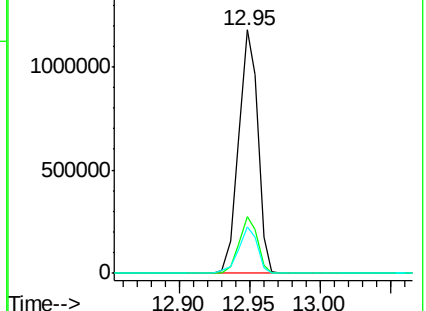
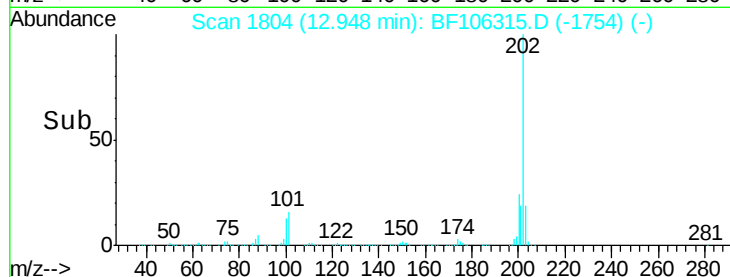
203 19.3 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.012 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

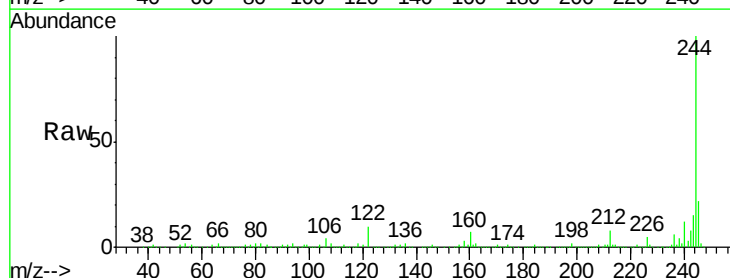
Tgt Ion:244 Resp: 1483894

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

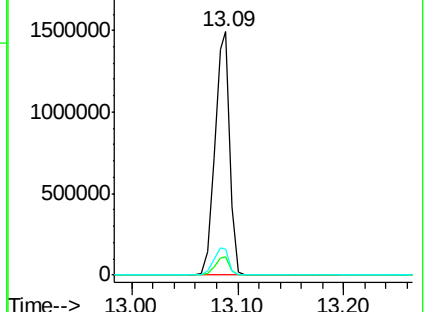
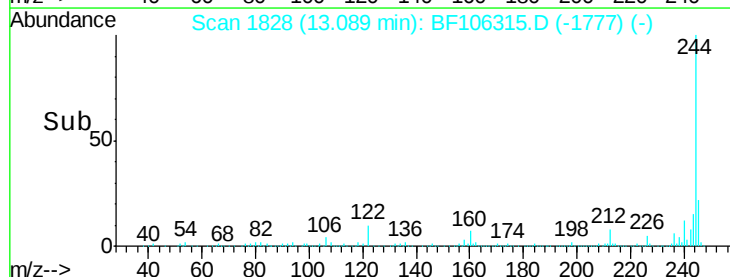
122 10.5 11.0 16.4#

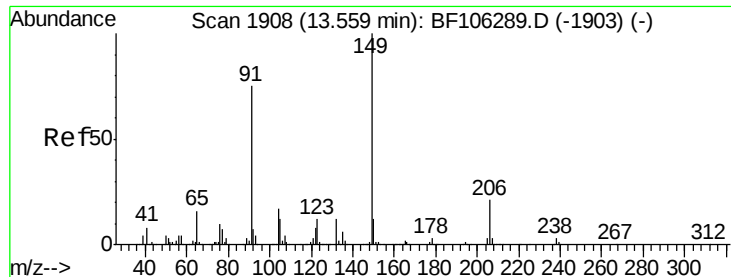


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

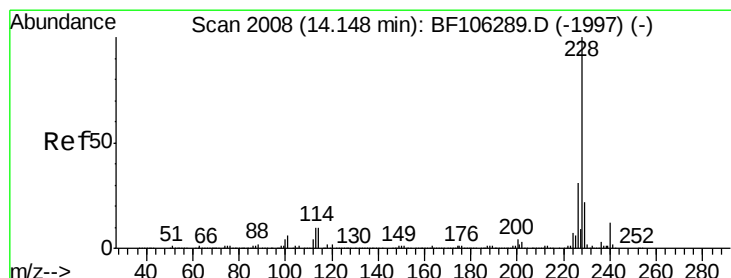
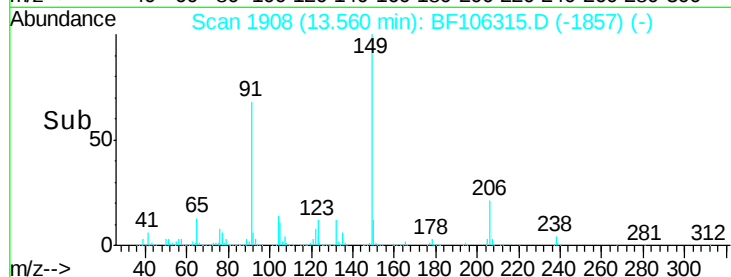
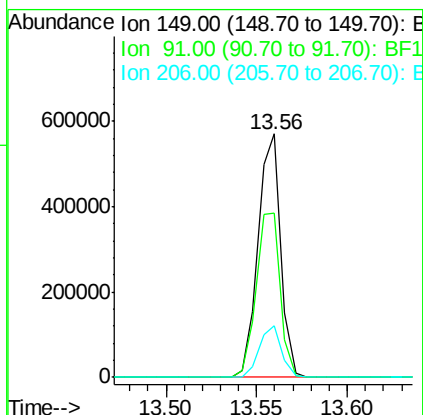
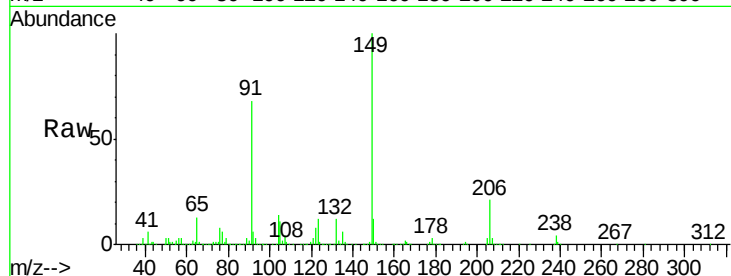




#79
Butylbenzylphthalate
Concen: 44.203 ng
RT: 13.56 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

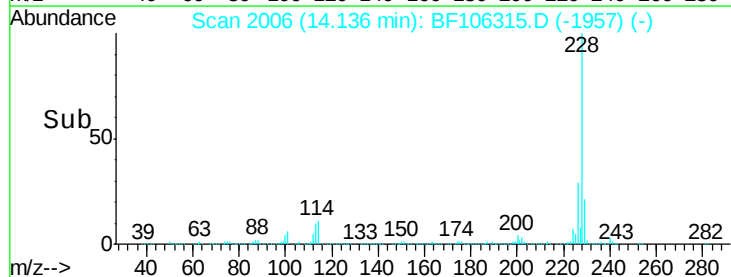
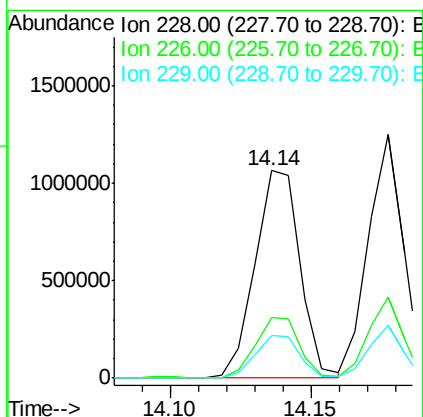
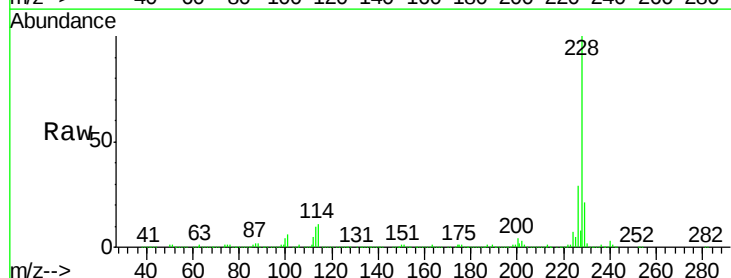
Instrument :
BNA_F
ClientSampleId :
SP-1MSD

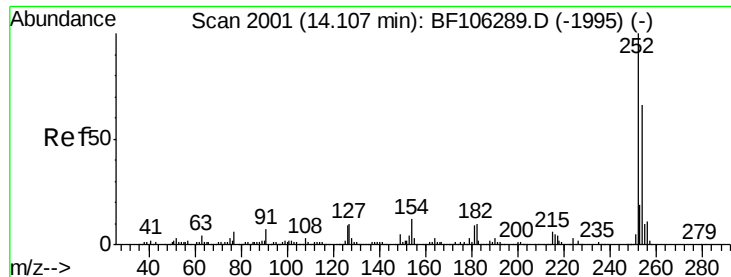
Tot Ion:149 Resp: 495769
Ion Ratio Lower Upper
149 100
91 67.7 56.8 85.2
206 21.4 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 41.235 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

Tgt Ion:228 Resp: 1174373
Ion Ratio Lower Upper
228 100
226 29.0 22.6 33.8
229 20.7 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 47.016 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

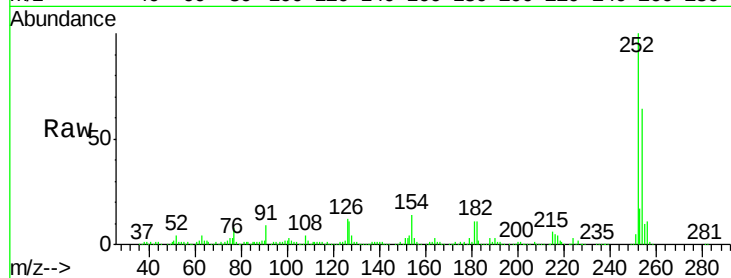
Tot Ion:252 Resp: 451782

Ion Ratio Lower Upper

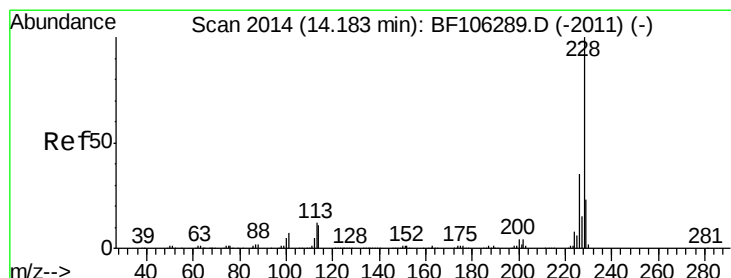
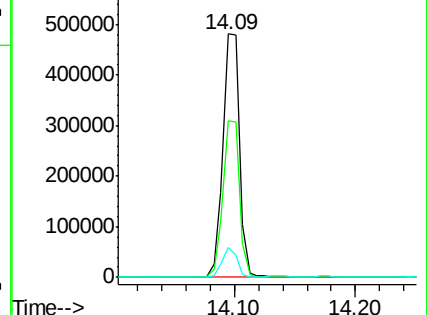
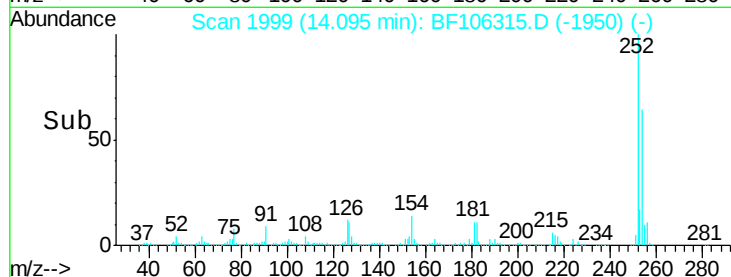
252 100

254 64.4 50.4 75.6

126 12.1 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: 41.178 ng

RT: 14.18 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

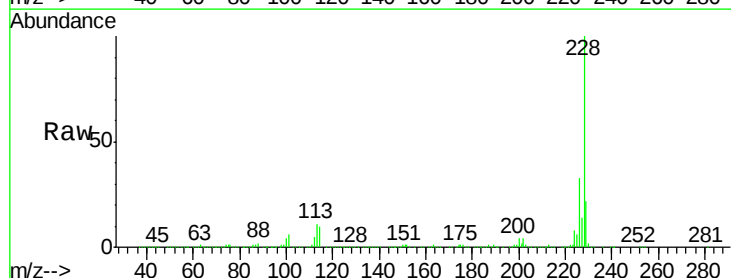
Tgt Ion:228 Resp: 1070742

Ion Ratio Lower Upper

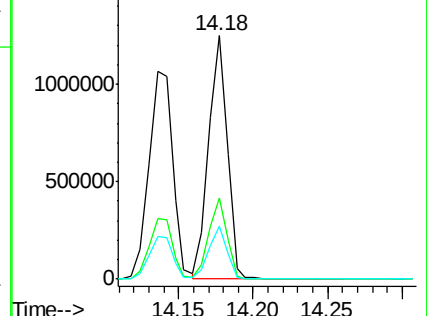
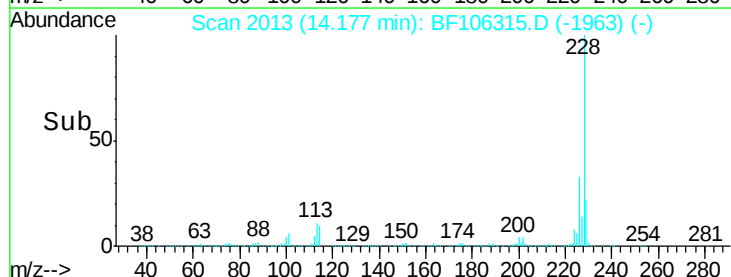
228 100

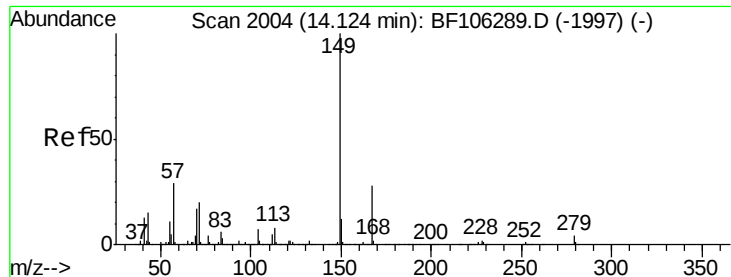
226 33.2 25.0 37.6

229 21.9 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

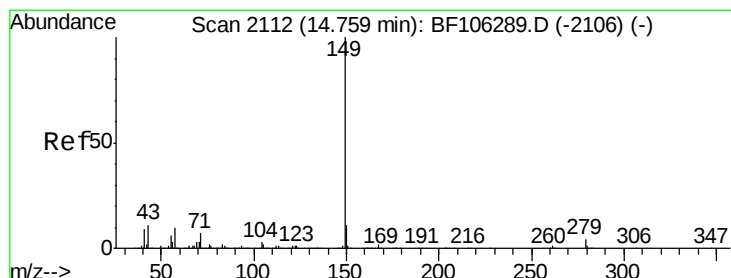
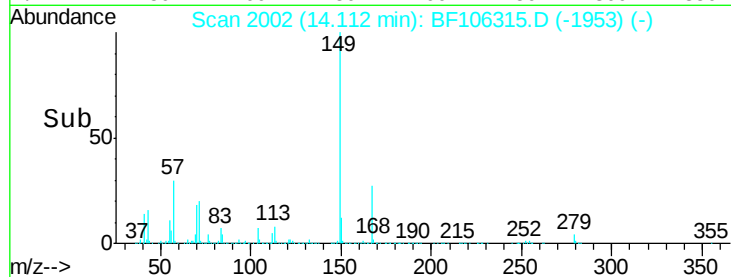
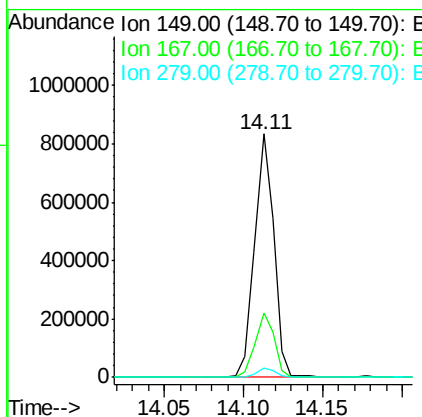
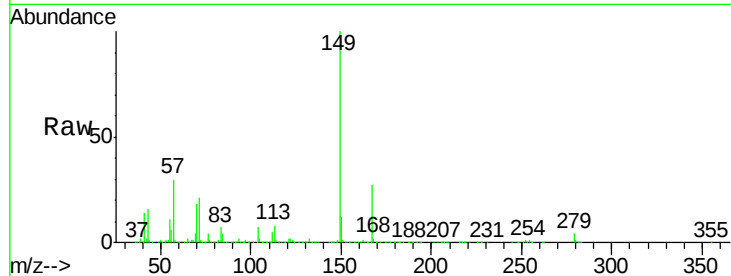




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.693 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF106315.D
 Acq: 12 Jun 2018 00:29

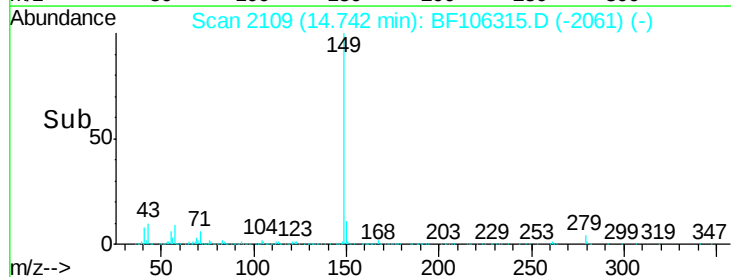
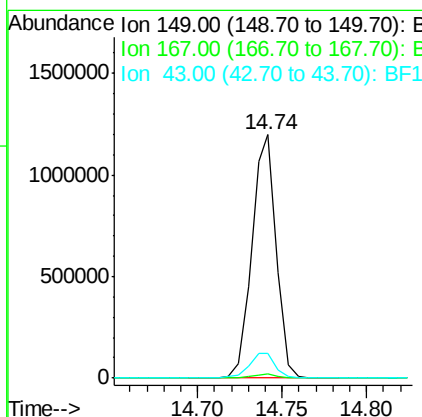
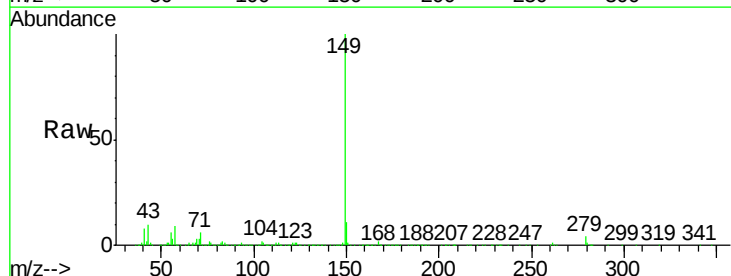
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

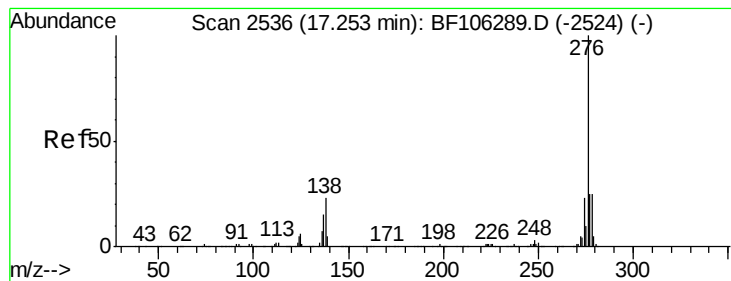
Tot Ion:149 Resp: 702642
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 3.7 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 51.617 ng
 RT: 14.74 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BF106315.D
 Acq: 12 Jun 2018 00:29

Tgt Ion:149 Resp: 1196654
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.5 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.941 ng

RT: 17.24 min Scan# 2533

Delta R.T. -0.02 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

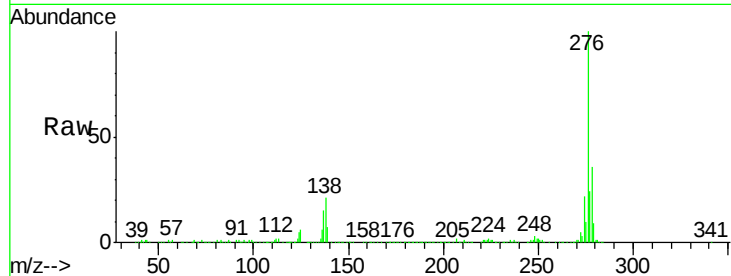
Tot Ion:276 Resp: 808104

Ion Ratio Lower Upper

276 100

138 24.9 25.0 37.6#

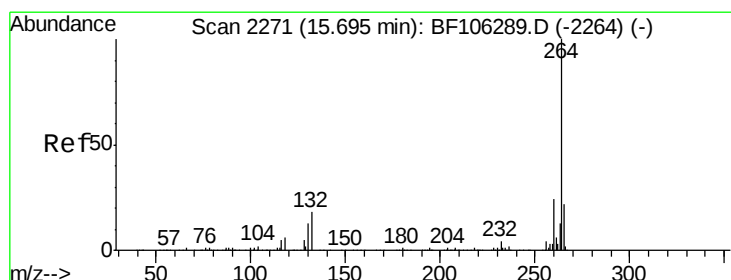
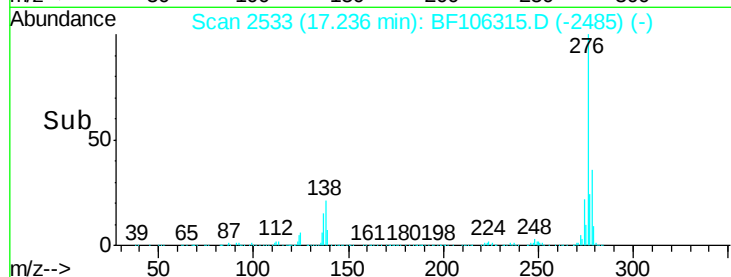
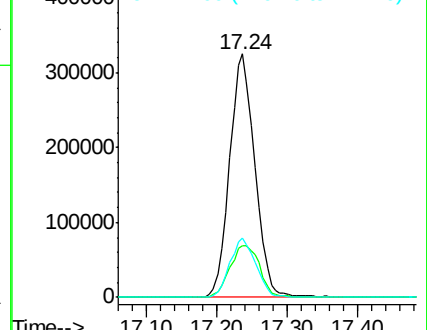
277 25.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

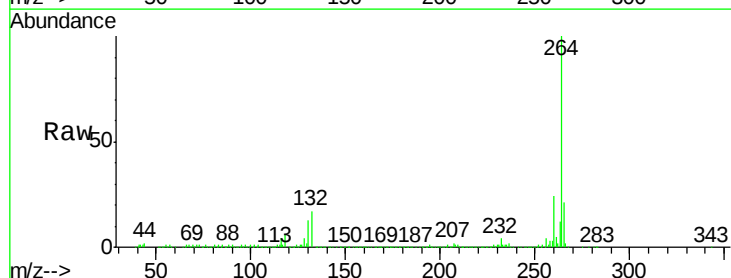
Tgt Ion:264 Resp: 392634

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

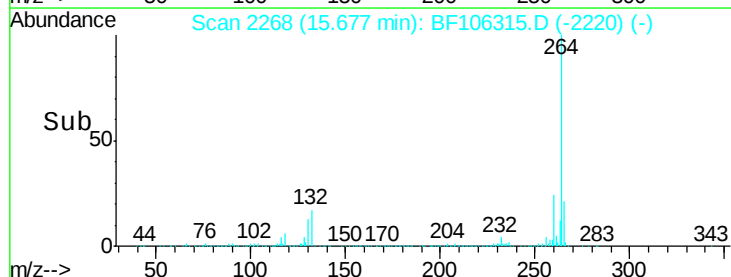
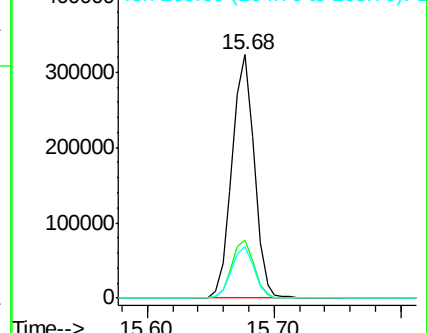
265 21.4 17.5 26.3

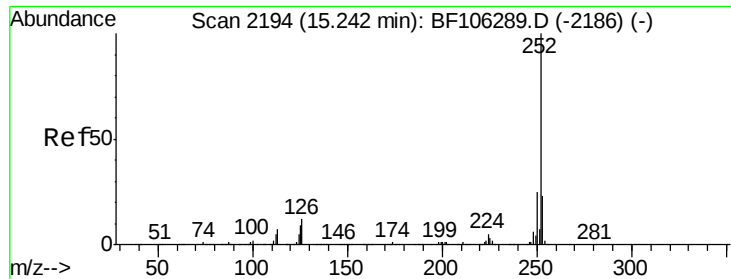


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

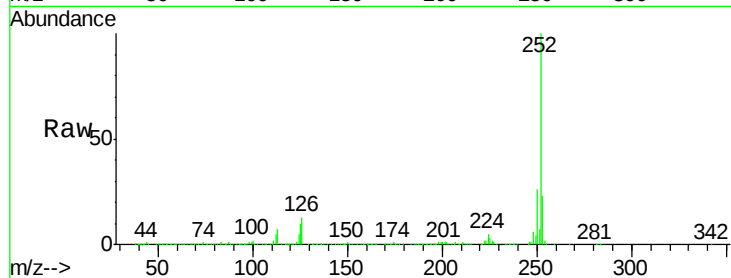




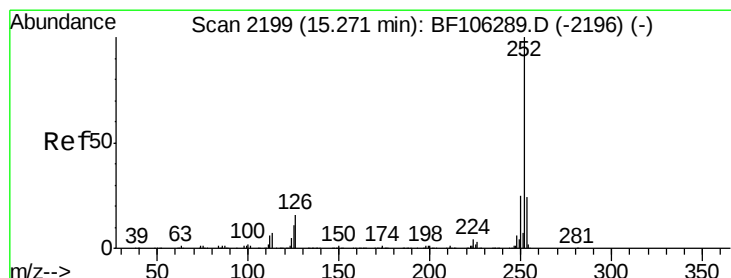
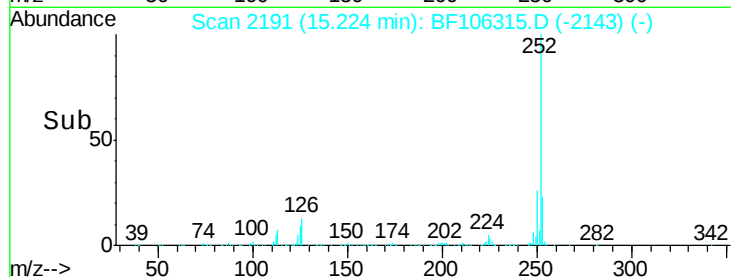
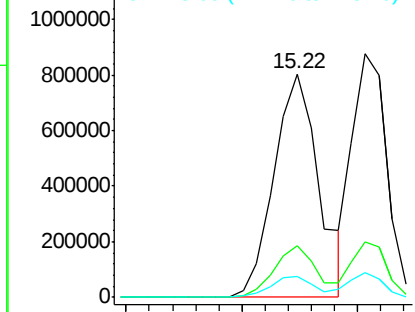
#87
Benzo(b)fluoranthene
Concen: 45.539 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

Instrument :
BNA_F
ClientSampled :
SP-1MSD

Tot Ion:252 Resp: 1080833
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.6
125 9.5 9.0 13.6

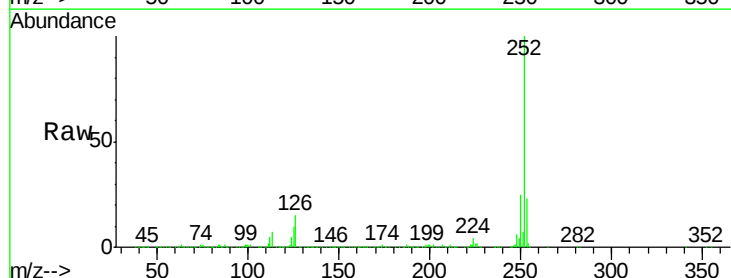


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

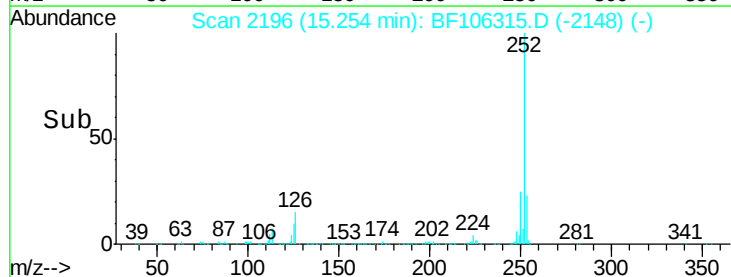
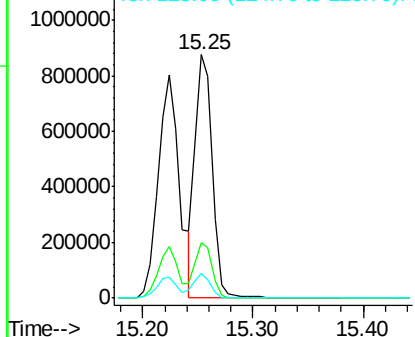


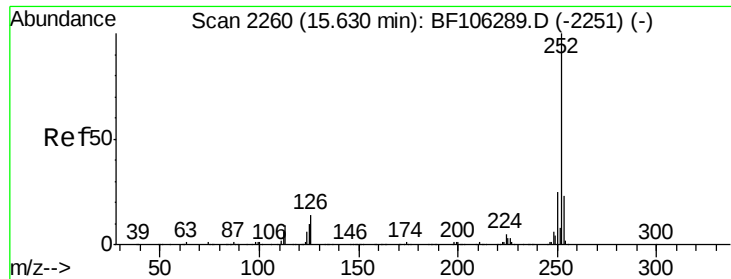
#88
Benzo(k)fluoranthene
Concen: 39.271 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF106315.D
Acq: 12 Jun 2018 00:29

Tgt Ion:252 Resp: 923084
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 10.1 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.245 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

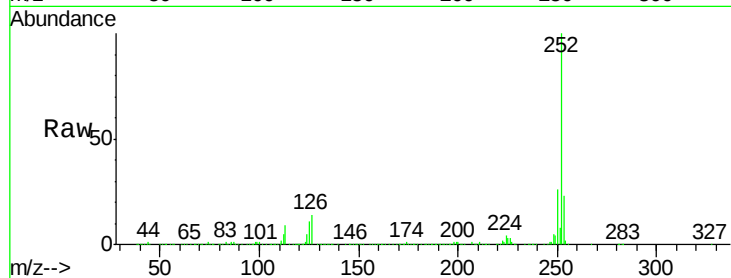
Tot Ion:252 Resp: 901855

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

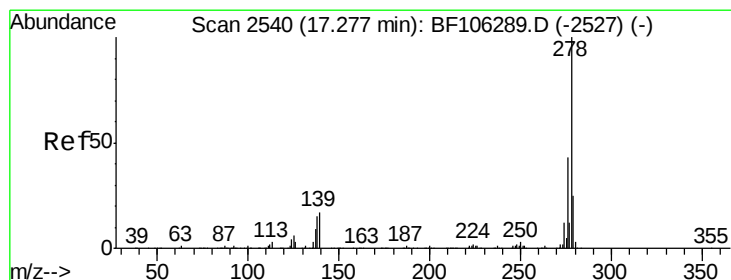
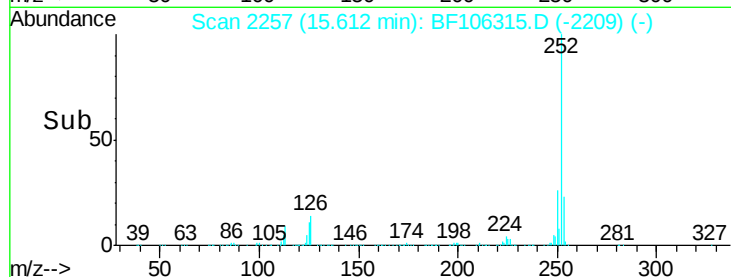
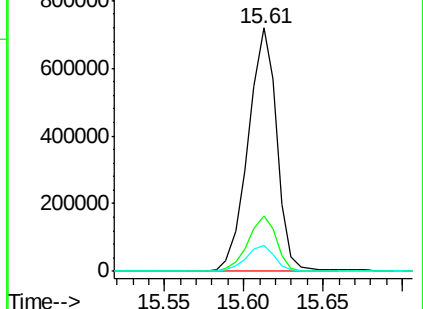
125 10.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.411 ng

RT: 17.25 min Scan# 2536

Delta R.T. -0.02 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

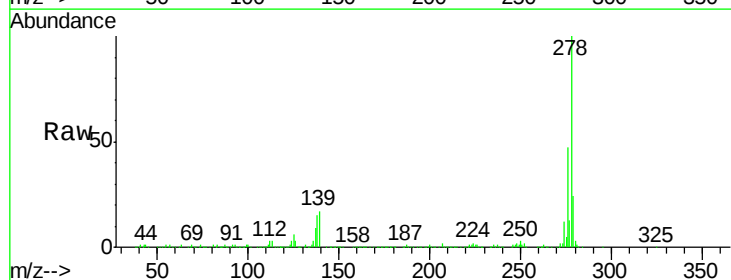
Tgt Ion:278 Resp: 683623

Ion Ratio Lower Upper

278 100

139 16.5 15.9 23.9

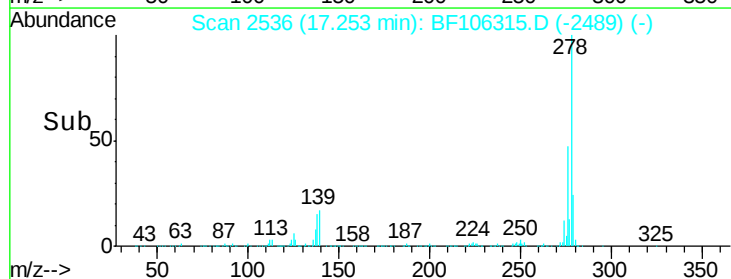
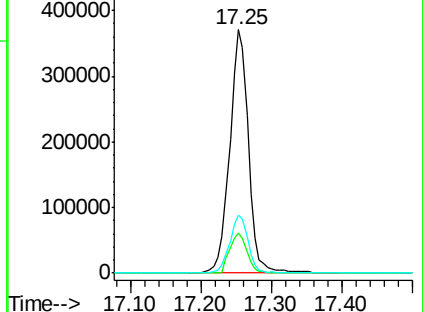
279 24.0 19.0 28.4

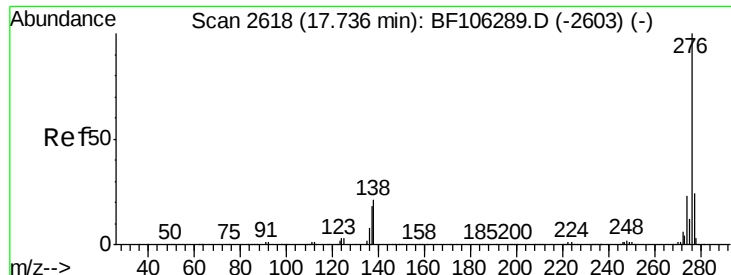


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 36.903 ng

RT: 17.71 min Scan# 2613

Delta R.T. -0.03 min

Lab File: BF106315.D

Acq: 12 Jun 2018 00:29

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

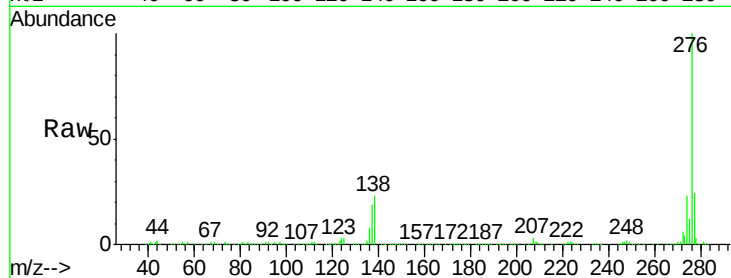
Tot Ion:276 Resp: 638296

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 22.8 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

