

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011018\
 Data File : BF101982.D
 Acq On : 10 Jan 2018 16:48
 Operator : SJ/JU
 Sample : PB105555BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105555BS

Quant Time: Jan 11 01:52:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	219430	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	907466	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	395613	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	643517	20.00	ng	0.00
75) Chrysene-d12	13.88	240	379293	20.00	ng	0.00
86) Perylene-d12	15.30	264	353569	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1545409	99.45	ng	0.03
7) Phenol-d6	6.37	99	1882430	101.53	ng	0.02
23) Nitrobenzene-d5	7.30	82	1200658	77.75	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	365077	105.74	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1937832	76.52	ng	0.00
78) Terphenyl-d14	12.83	244	1491879	81.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	241186	31.101	ng	94
3) Pyridine	3.20	79	678713	32.048	ng	92
4) n-Nitrosodimethylamine	3.15	42	331562	37.386	ng	97
6) Aniline	6.40	93	542985	20.781	ng	97
8) 2-Chlorophenol	6.52	128	557464	35.769	ng	97
9) Benzaldehyde	6.27	77	116897	9.081	ng	97
10) Phenol	6.39	94	670327	31.993	ng	89
11) bis(2-Chloroethyl)ether	6.47	93	556855	34.917	ng	96
12) 1,3-Dichlorobenzene	6.67	146	601620	33.487	ng	98
13) 1,4-Dichlorobenzene	6.75	146	596804	33.290	ng	98
14) 1,2-Dichlorobenzene	6.90	146	554720	33.431	ng	99
15) Benzyl Alcohol	6.87	79	458752	33.827	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	999094	33.985	ng	97
17) 2-Methylphenol	6.99	107	474912	33.779	ng	98
18) Hexachloroethane	7.24	117	220627	34.948	ng	92
19) n-Nitroso-di-n-propylamine	7.15	70	387082	31.859	ng	92
20) 3+4-Methylphenols	7.15	107	539659	31.969	ng	# 71
22) Acetophenone	7.15	105	763238	34.907	ng	# 86
24) Nitrobenzene	7.32	77	594344	35.817	ng	99
25) Isophorone	7.56	82	1102215	36.123	ng	99
26) 2-Nitrophenol	7.63	139	314020	45.213	ng	91
27) 2,4-Dimethylphenol	7.67	122	508782	39.225	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	680361	36.928	ng	99
29) 2,4-Dichlorophenol	7.87	162	464777	37.736	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	450181	34.944	ng	98
31) Naphthalene	8.03	128	1579614	34.836	ng	99
32) Benzoic acid	7.80	122	339547	34.522	ng	97
33) 4-Chloroaniline	8.09	127	256590	13.258	ng	99
34) Hexachlorobutadiene	8.15	225	233484	34.239	ng	99
35) Caprolactam	8.47	113	99350	23.497	ng	99
36) 4-Chloro-3-methylphenol	8.57	107	488737	36.252	ng	97
37) 2-Methylnaphthalene	8.73	142	1073600	35.965	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	392483	35.068	ng	97
40) Hexachlorocyclopentadiene	8.88	237	489798	80.021	ng	100

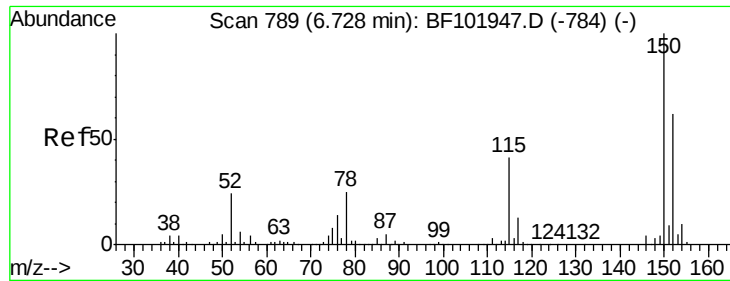
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011018\
 Data File : BF101982.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	299888	38.883	ng	100
43) 2,4,5-Trichlorophenol	9.05	196	309420	35.496	ng	96
45) 1,1'-Biphenyl	9.19	154	1228121	35.121	ng	100
46) 2-Chloronaphthalene	9.22	162	933429	34.423	ng	99
47) 2-Nitroaniline	9.32	65	321504	39.582	ng	95
48) Acenaphthylene	9.63	152	1418110	32.954	ng	99
49) Dimethylphthalate	9.50	163	1074556	33.859	ng	100
50) 2,6-Dinitrotoluene	9.56	165	239209	37.734	ng	96
51) Acenaphthene	9.80	154	843244	32.284	ng	100
52) 3-Nitroaniline	9.72	138	180418	22.550	ng	97
53) 2,4-Dinitrophenol	9.83	184	187098	77.529	ng	# 18
54) Dibenzofuran	9.97	168	1246127	34.762	ng	98
55) 4-Nitrophenol	9.89	139	426199	71.482	ng	95
56) 2,4-Dinitrotoluene	9.96	165	319674	40.232	ng	96
57) Fluorene	10.32	166	905796	36.553	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	235896	38.011	ng	99
59) Diethylphthalate	10.20	149	1040922	32.973	ng	98
60) 4-Chlorophenyl-phenylether	10.31	204	385986	36.579	ng	98
61) 4-Nitroaniline	10.34	138	233969	30.814	ng	90
62) Azobenzene	10.47	77	1076210	34.264	ng	97
64) 4,6-Dinitro-2-methylphenol	10.36	198	124099	36.981	ng	96
65) n-Nitrosodiphenylamine	10.43	169	845484	35.087	ng	99
66) 4-Bromophenyl-phenylether	10.80	248	255623	37.615	ng	96
67) Hexachlorobenzene	10.86	284	257300	34.681	ng	97
68) Atrazine	10.96	200	260305	37.379	ng	99
69) Pentachlorophenol	11.06	266	277950	61.439	ng	100
70) Phenanthrene	11.27	178	1297506	34.517	ng	99
71) Anthracene	11.33	178	1334826	35.013	ng	99
72) Carbazole	11.48	167	1184329	31.606	ng	99
73) Di-n-butylphthalate	11.82	149	1576140	34.285	ng	99
74) Fluoranthene	12.46	202	1228070	33.206	ng	98
76) Benzidine	12.59	184	54485	2.975	ng	96
77) Pyrene	12.69	202	1232858	36.772	ng	99
79) Butylbenzylphthalate	13.31	149	576031	37.438	ng	99
80) Benzo(a)anthracene	13.87	228	826163	34.139	ng	98
81) 3,3'-Dichlorobenzidine	13.84	252	212930	23.763	ng	98
82) Chrysene	13.91	228	838710	33.237	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	627107	35.529	ng	# 98
84) Di-n-octyl phthalate	14.48	149	1105675	37.750	ng	97
85) Indeno(1,2,3-cd)pyrene	16.68	276	893630	48.656	ng	96
87) Benzo(b)fluoranthene	14.89	252	792355	34.370	ng	# 96
88) Benzo(k)fluoranthene	14.92	252	695659	31.280	ng	97
89) Benzo(a)pyrene	15.24	252	742333	35.783	ng	97
90) Dibenzo(a,h)anthracene	16.70	278	737578	44.553	ng	97
91) Benzo(g,h,i)perylene	17.10	276	790750	47.417	ng	97

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

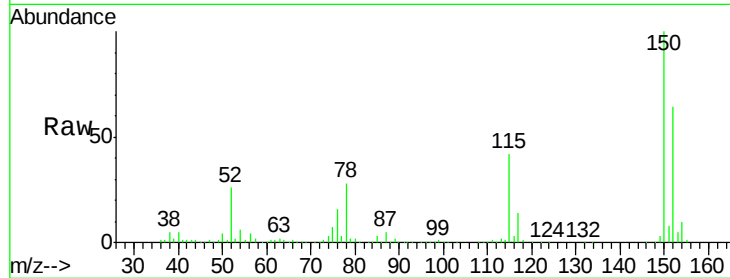


#1

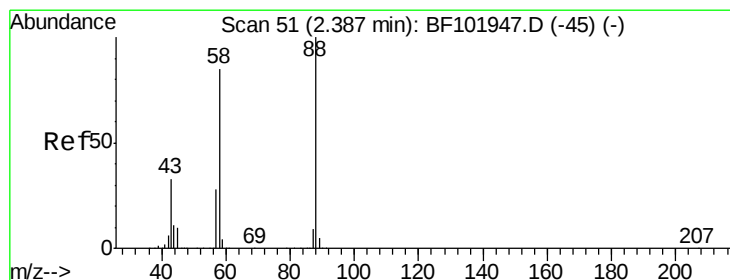
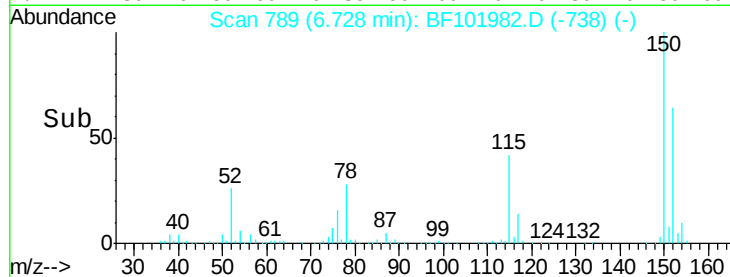
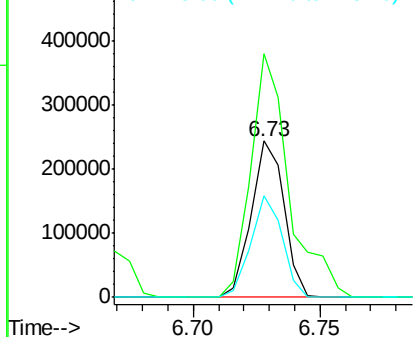
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

Instrument :
BNA_F
ClientSampleId :
PB105555BS

Tot Ion:152 Resp: 219430
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 64.8 50.1 75.1



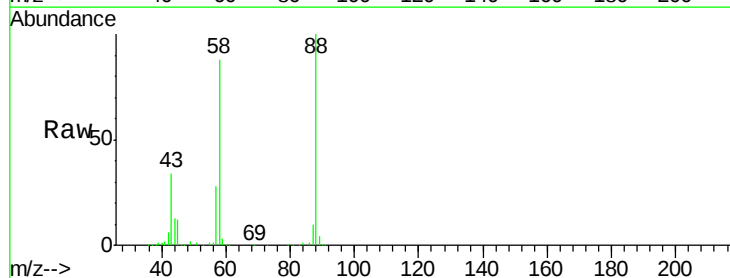
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



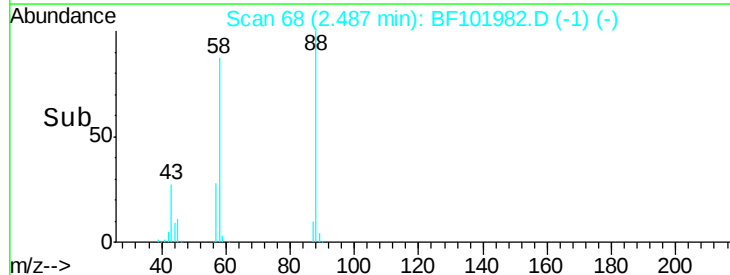
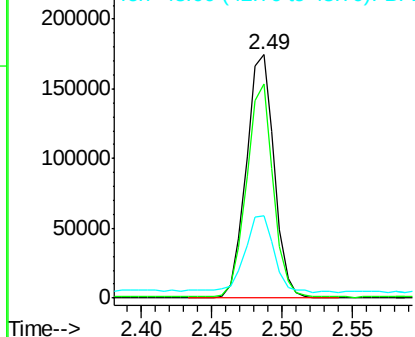
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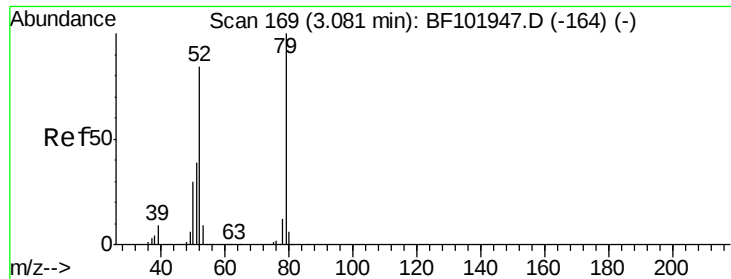
1,4-Dioxane
Concen: 31.101 ng
RT: 2.49 min Scan# 68
Delta R.T. 0.10 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

Tgt Ion: 88 Resp: 241186
Ion Ratio Lower Upper
88 100
58 84.4 62.6 93.8
43 32.9 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: 32.048 ng

RT: 3.20 min Scan# 189

Delta R.T. 0.12 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

Instrument :

BNA_F

ClientSampleId :

PB105555BS

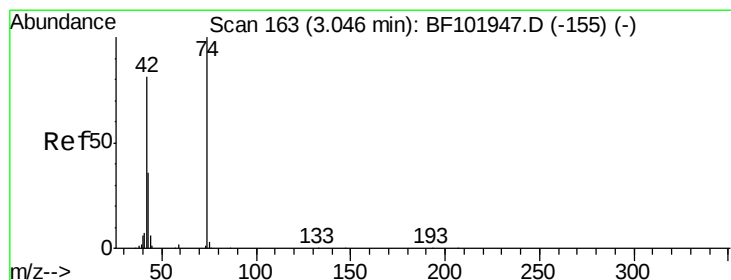
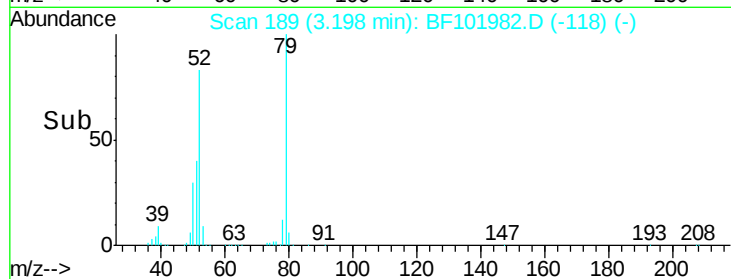
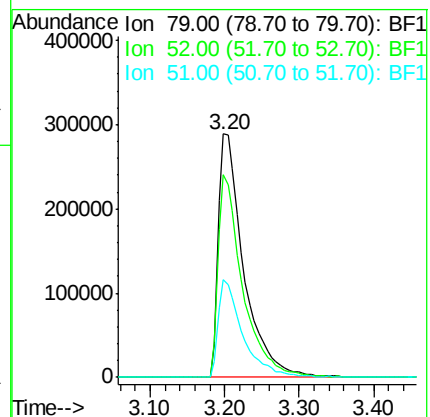
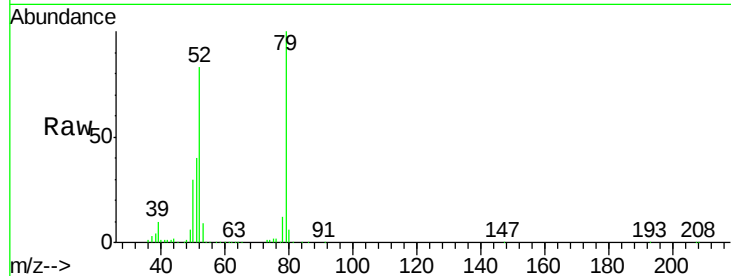
Tot Ion: 79 Resp: 678713

Ion Ratio Lower Upper

79 100

52 83.2 59.8 89.6

51 40.4 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 37.386 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.10 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

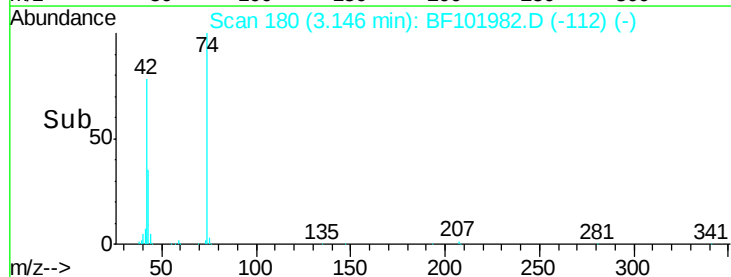
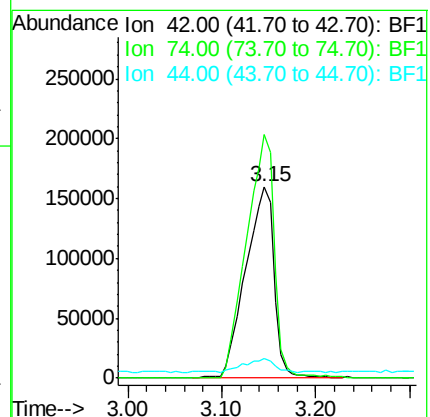
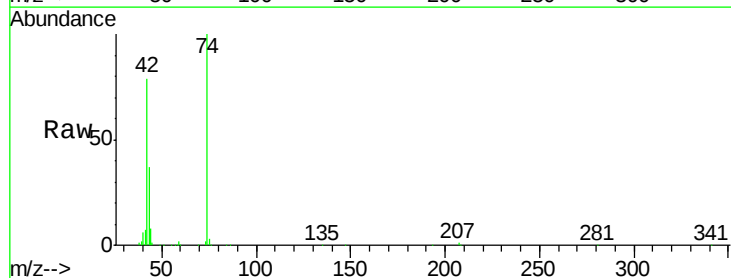
Tgt Ion: 42 Resp: 331562

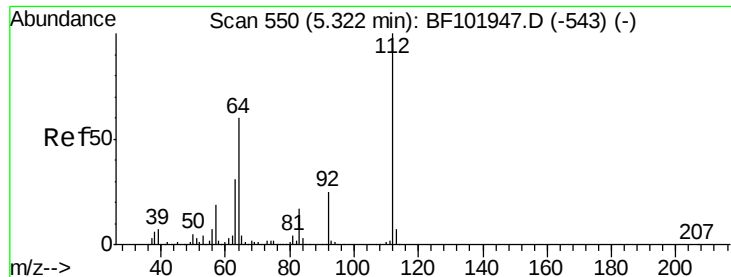
Ion Ratio Lower Upper

42 100

74 127.3 104.9 157.3

44 10.1 6.9 10.3





#5

2-Fluorophenol

Concen: 99.451 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.03 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

Instrument :

BNA_F

ClientSampleId :

PB105555BS

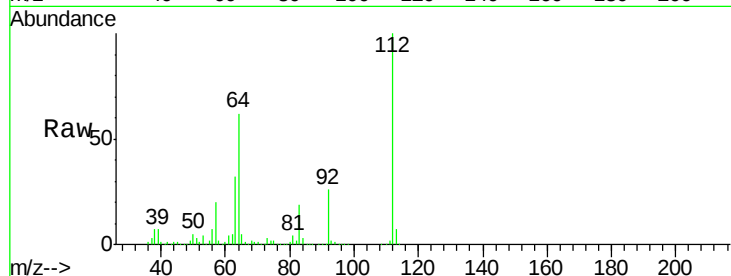
Tot Ion:112 Resp: 1545409

Ion Ratio Lower Upper

112 100

64 62.0 47.9 71.9

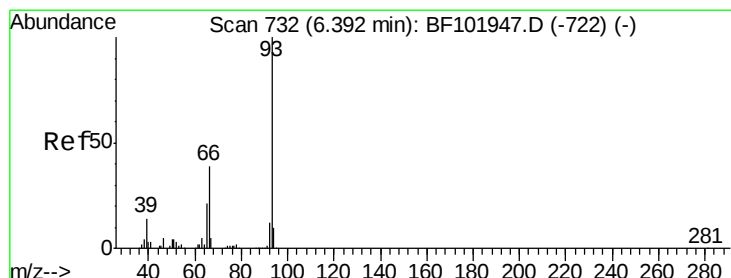
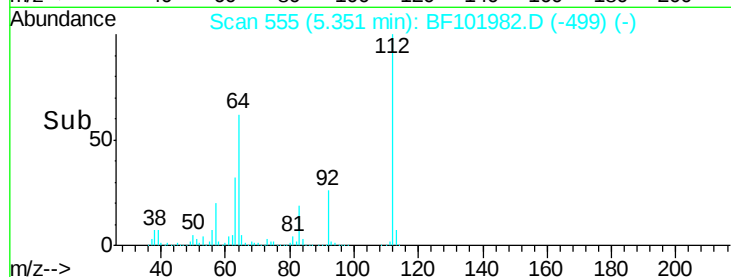
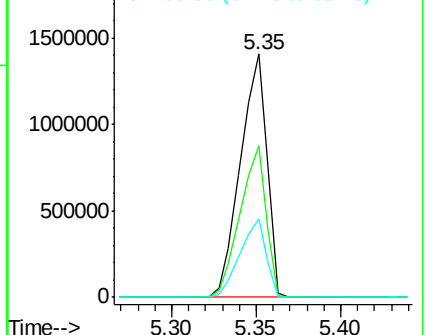
63 32.4 23.7 35.5



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: 20.781 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

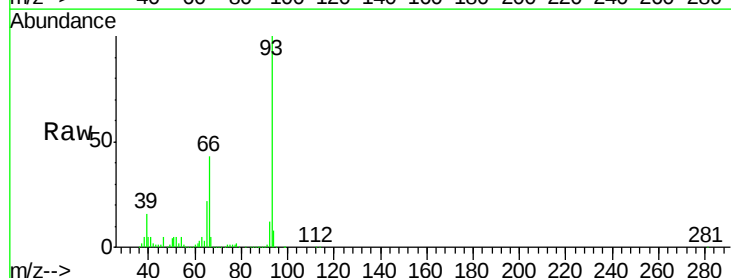
Tgt Ion: 93 Resp: 542985

Ion Ratio Lower Upper

93 100

66 42.6 32.2 48.2

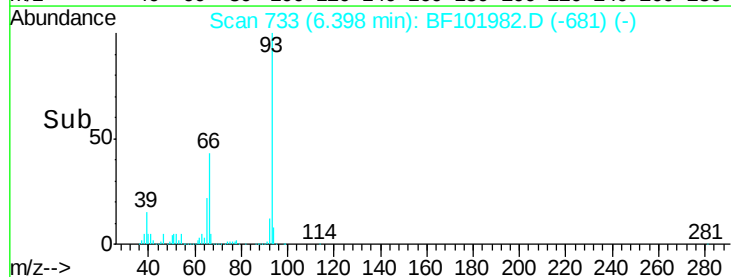
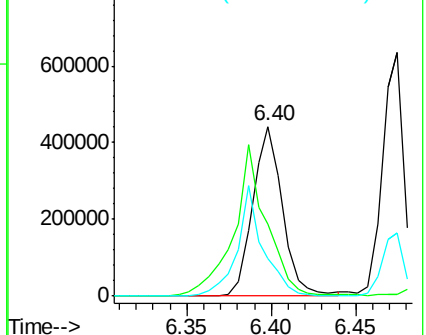
65 21.8 16.4 24.6

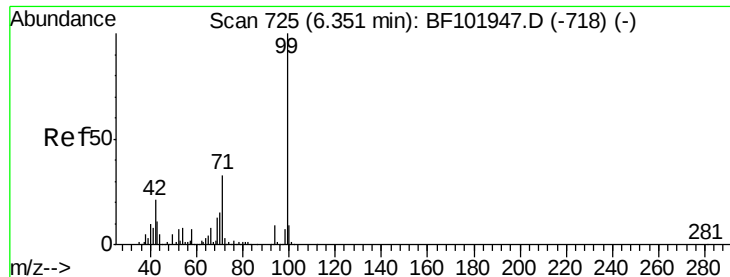


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 101.532 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.02 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

Instrument :

BNA_F

ClientSampleId :

PB105555BS

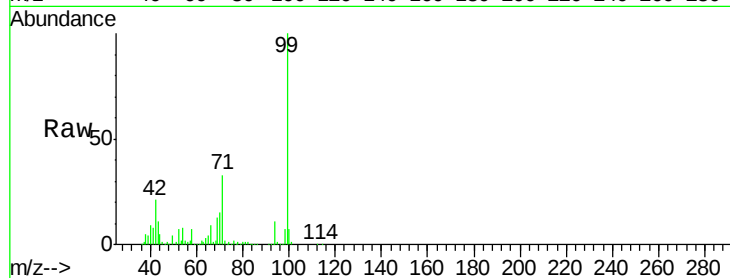
Tot Ion: 99 Resp: 1882430

Ion Ratio Lower Upper

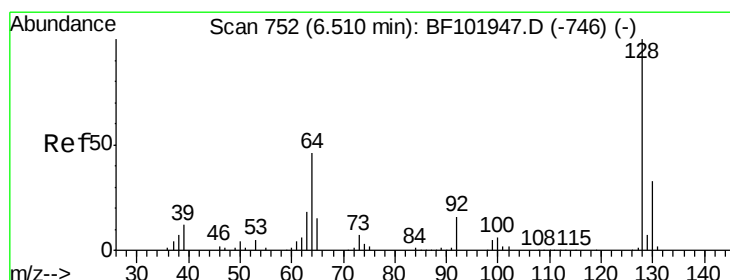
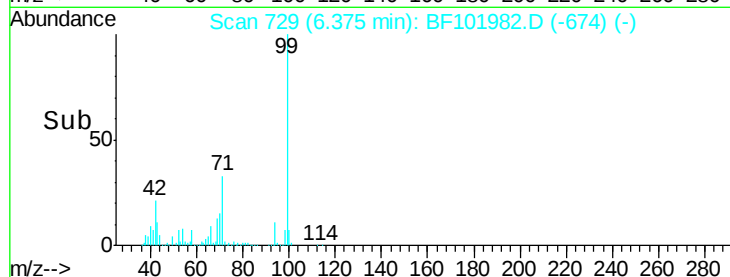
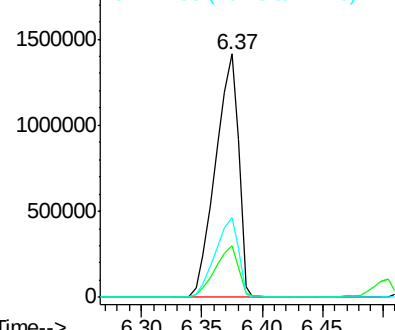
99 100

42 21.1 14.5 21.7

71 32.9 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: 35.769 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

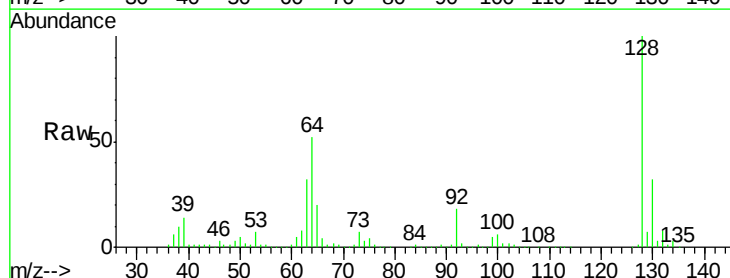
Tgt Ion: 128 Resp: 557464

Ion Ratio Lower Upper

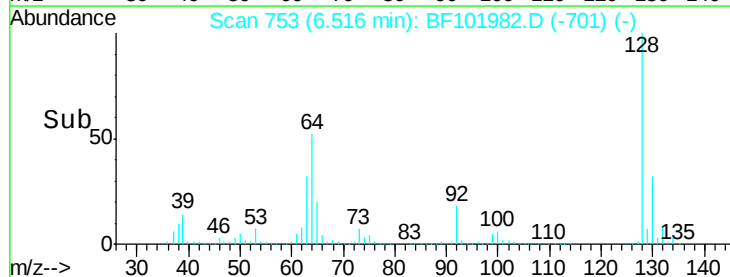
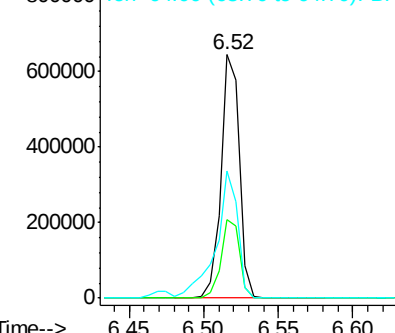
128 100

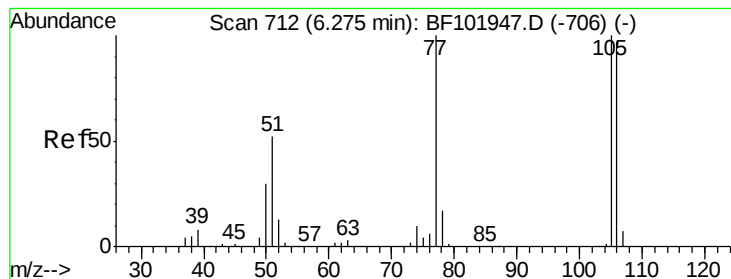
130 32.4 13.0 53.0

64 52.5 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: 9.081 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

Instrument :

BNA_F

ClientSampleId :

PB105555BS

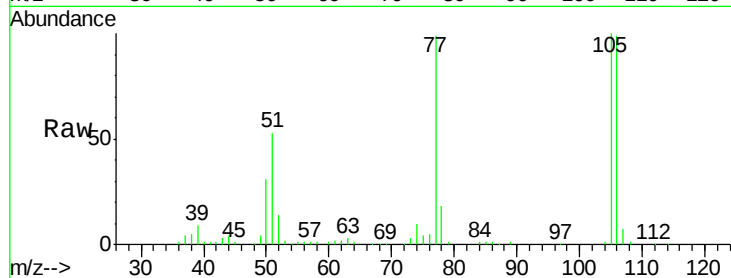
Tot Ion: 77 Resp: 116897

Ion Ratio Lower Upper

77 100

105 101.0 81.1 121.1

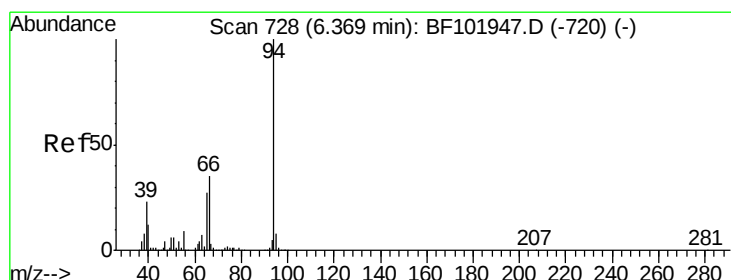
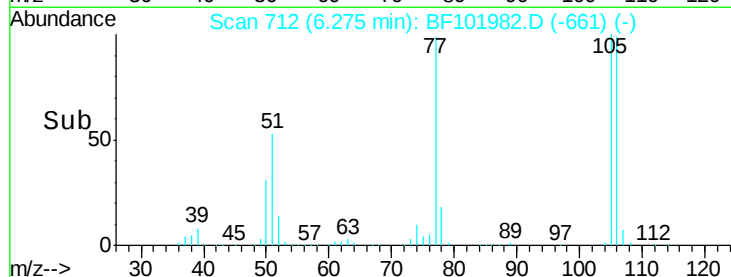
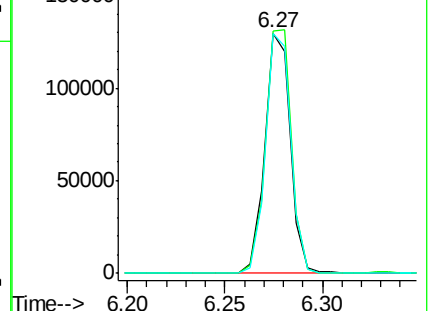
106 99.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 31.993 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.02 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

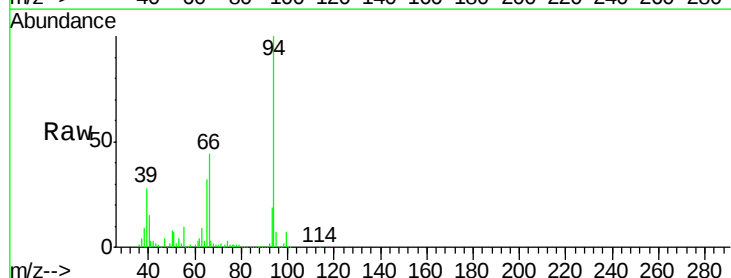
Tgt Ion: 94 Resp: 670327

Ion Ratio Lower Upper

94 100

65 32.0 7.9 47.9

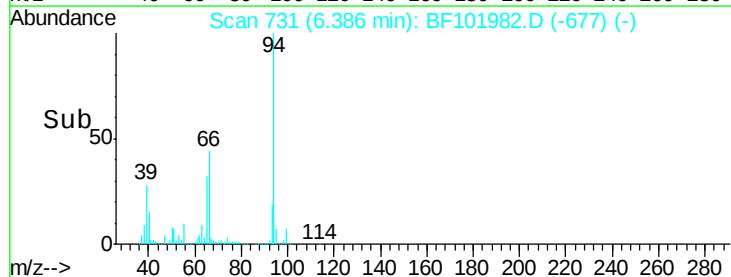
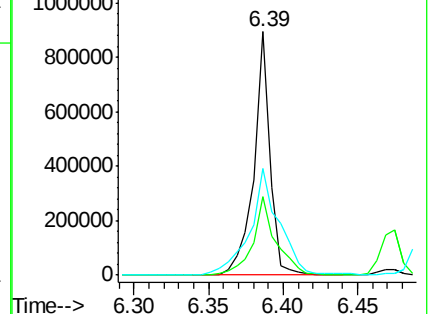
66 44.0 16.2 56.2

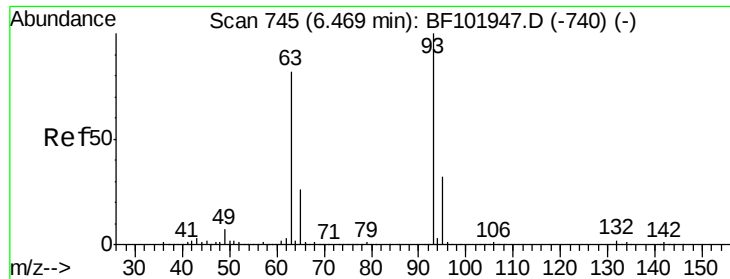


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

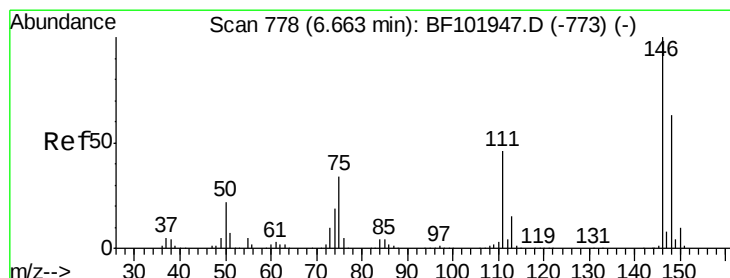
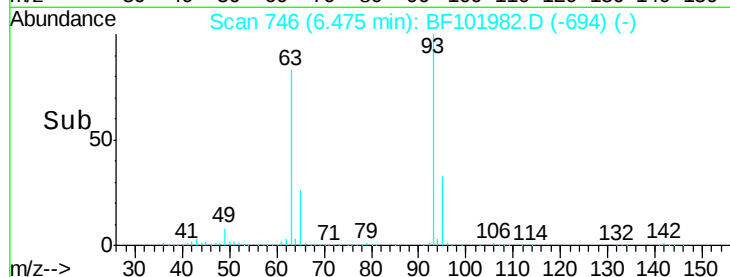
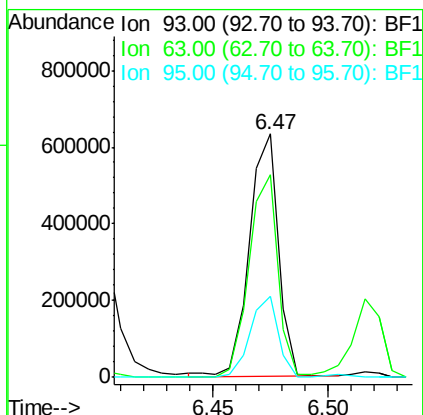
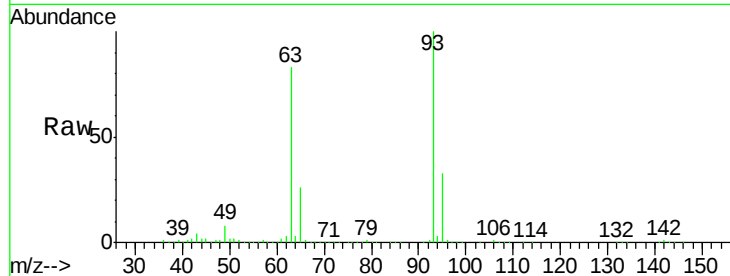




#11
 bis(2-Chloroethyl)ether
 Concen: 34.917 ng
 RT: 6.47 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: BF101982.D
 Acq: 10 Jan 2018 16:48

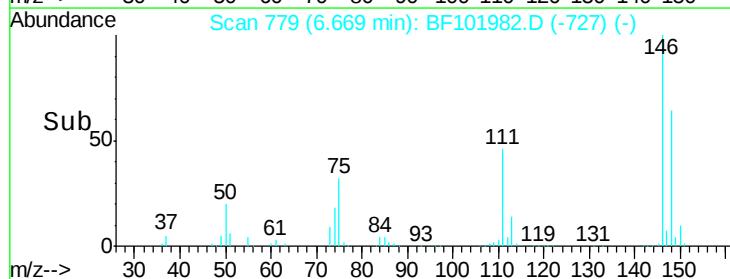
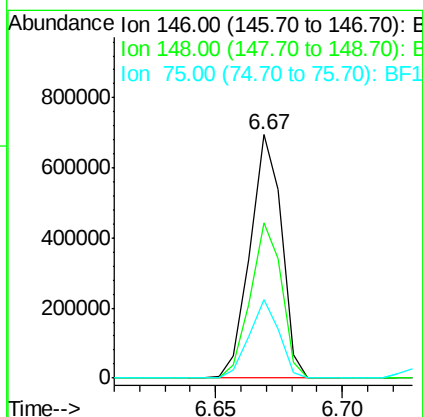
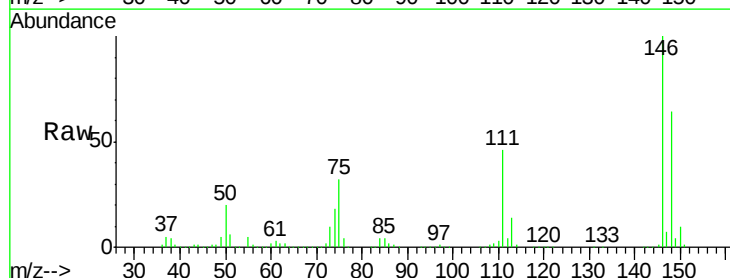
Instrument :
 BNA_F
 ClientSampleId :
 PB105555BS

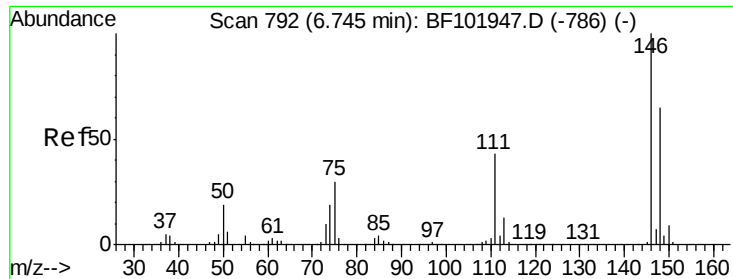
Tot Ion: 93 Resp: 556855
 Ion Ratio Lower Upper
 93 100
 63 83.0 58.6 98.6
 95 33.1 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 33.487 ng
 RT: 6.67 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: BF101982.D
 Acq: 10 Jan 2018 16:48

Tgt Ion: 146 Resp: 601620
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.8 77.8
 75 32.1 24.2 36.4

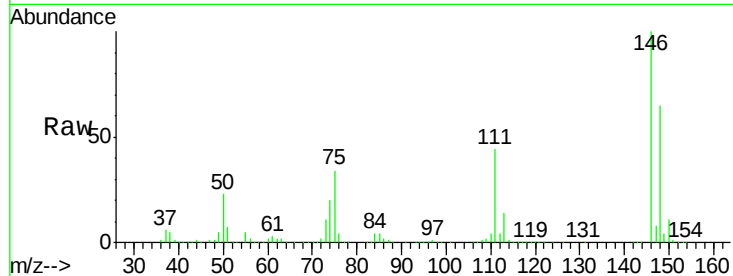




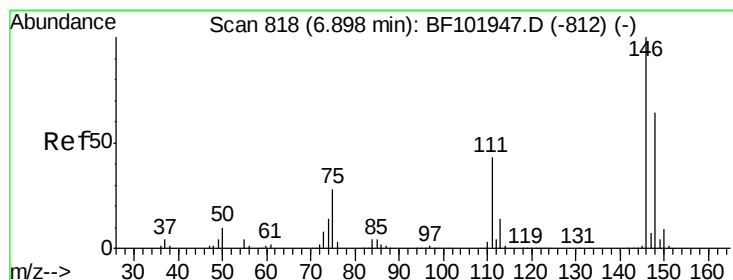
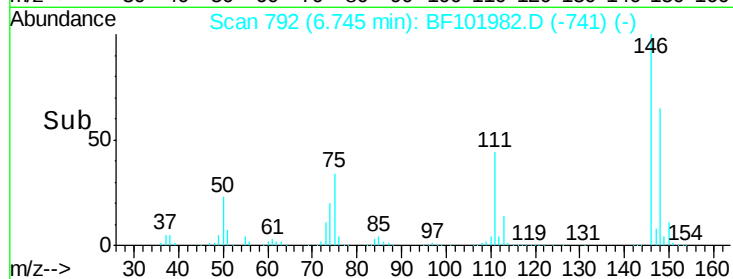
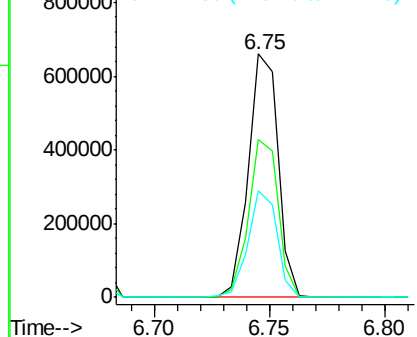
#13
 1,4-Dichlorobenzene
 Concen: 33.290 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF101982.D
 Acq: 10 Jan 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB105555BS

Tot Ion:146 Resp: 596804
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.8 76.2
 111 43.7 34.2 51.2

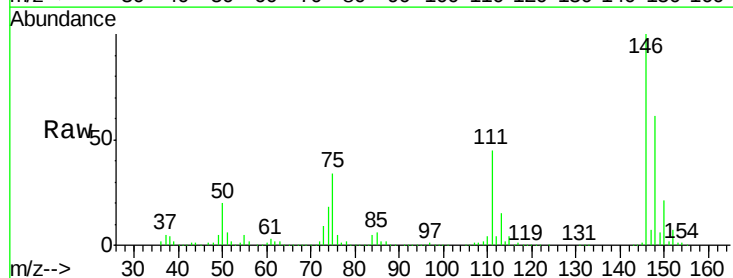


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

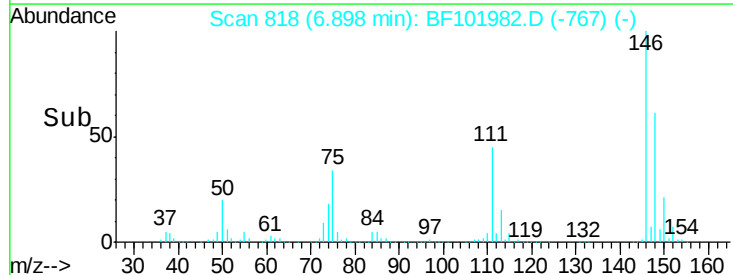
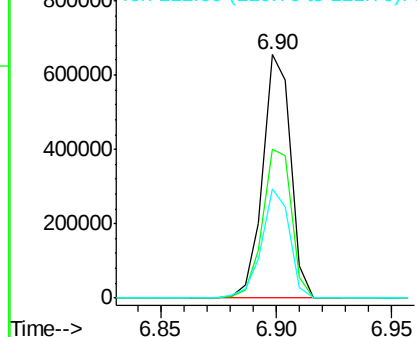


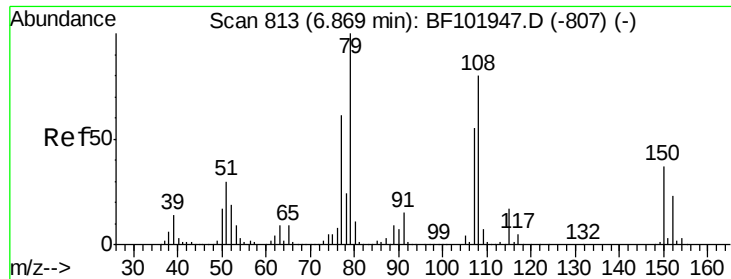
#14
 1,2-Dichlorobenzene
 Concen: 33.431 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF101982.D
 Acq: 10 Jan 2018 16:48

Tgt Ion:146 Resp: 554720
 Ion Ratio Lower Upper
 146 100
 148 61.4 50.6 75.8
 111 44.8 36.0 54.0



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

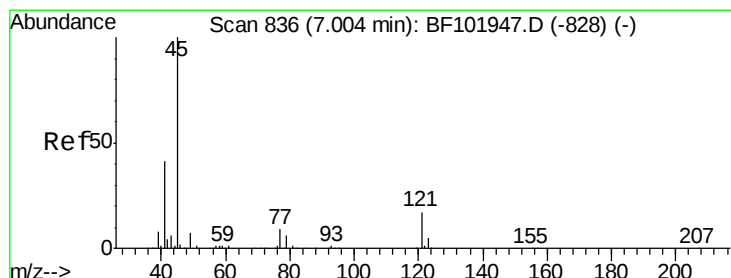
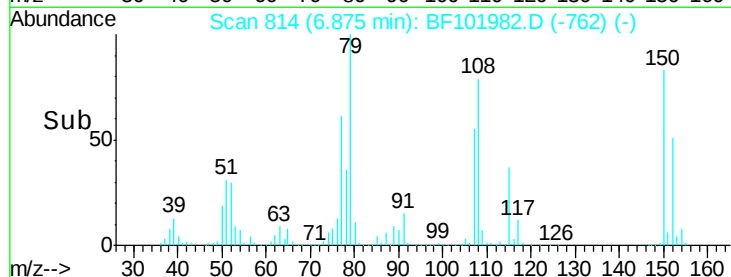
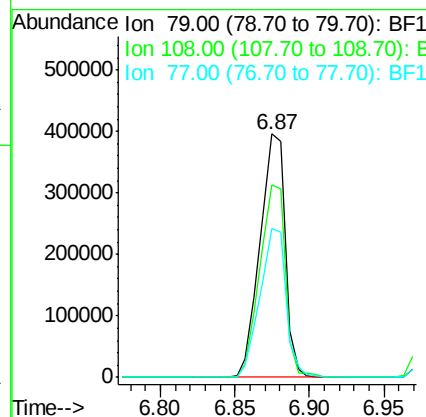
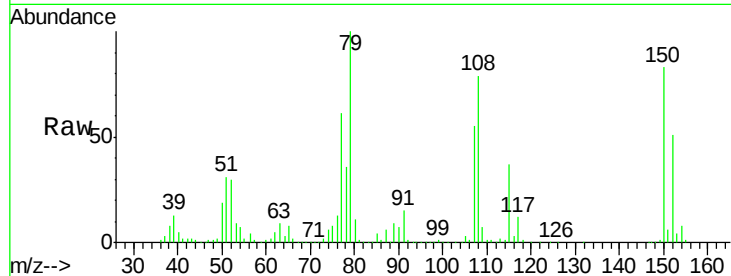




#15
Benzyl Alcohol
Concen: 33.827 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

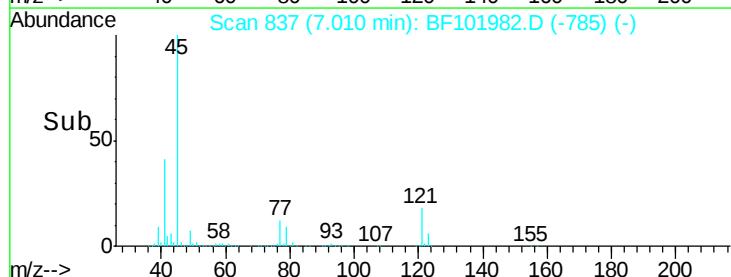
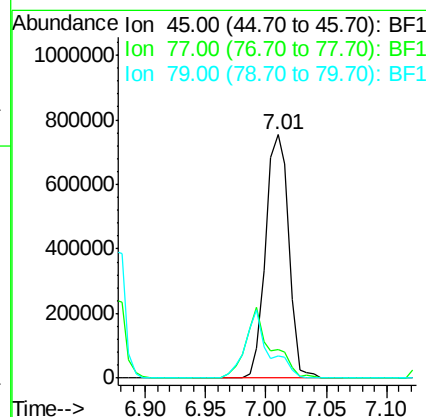
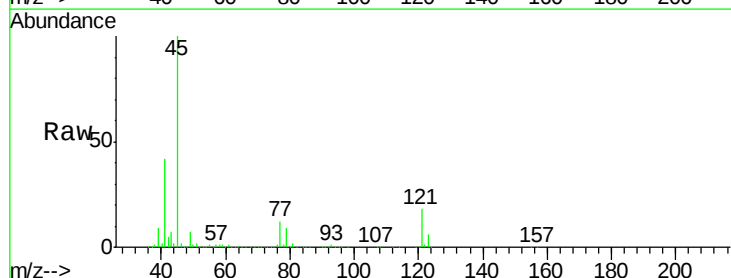
Instrument :
BNA_F
ClientSampleId :
PB105555BS

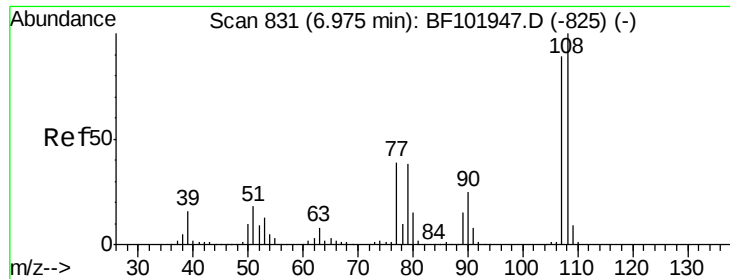
Tot Ion: 79 Resp: 458752
Ion Ratio Lower Upper
79 100
108 78.9 65.1 97.7
77 61.2 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.985 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

Tgt Ion: 45 Resp: 999094
Ion Ratio Lower Upper
45 100
77 11.7 0.0 32.9
79 8.9 0.0 29.6

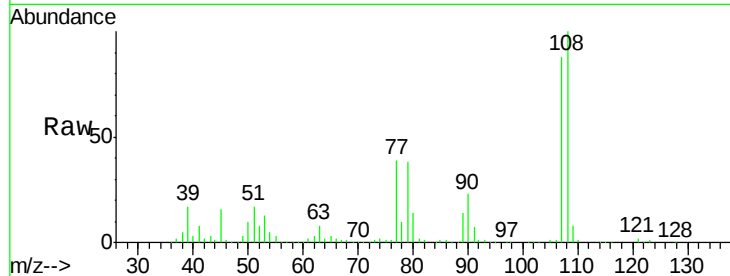




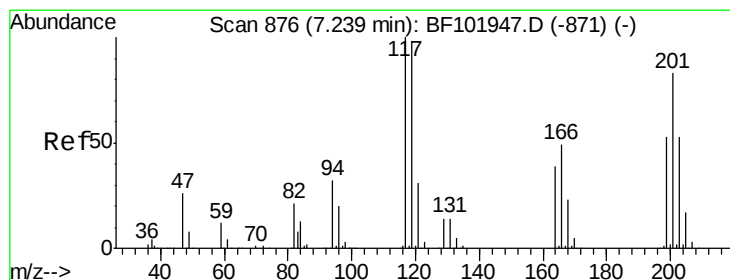
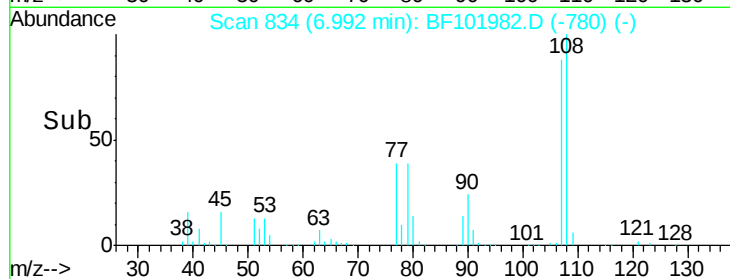
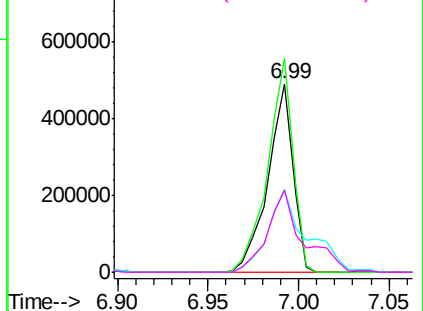
#17
2-Methylphenol
Concen: 33.779 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.02 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

Instrument :
BNA_F
ClientSampleId :
PB105555BS

Tot Ion:107 Resp: 474912
Ion Ratio Lower Upper
107 100
108 113.4 91.7 137.5
77 44.4 33.8 50.8
79 43.5 33.8 50.8

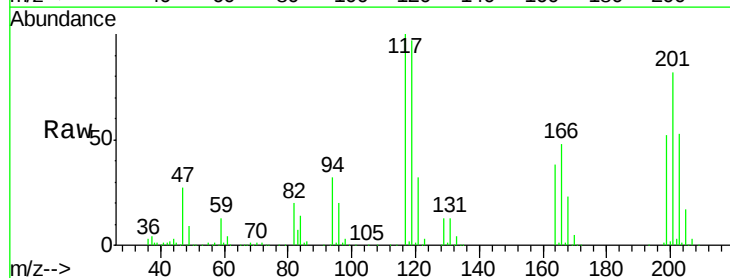


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

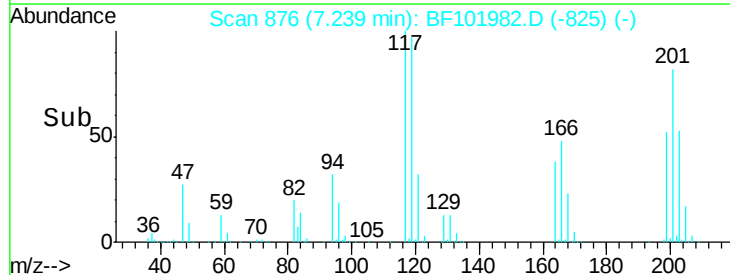
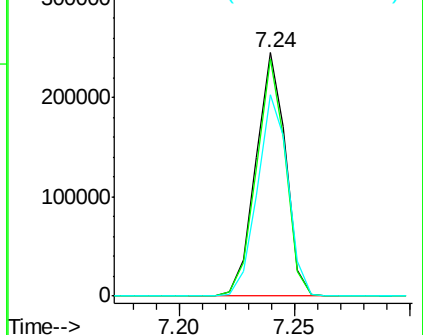


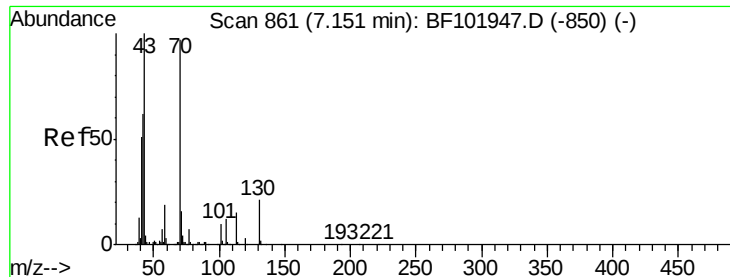
#18
Hexachloroethane
Concen: 34.948 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

Tgt Ion:117 Resp: 220627
Ion Ratio Lower Upper
117 100
119 97.5 75.8 113.8
201 82.5 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

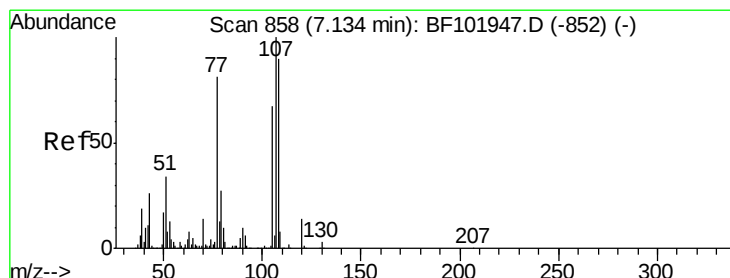
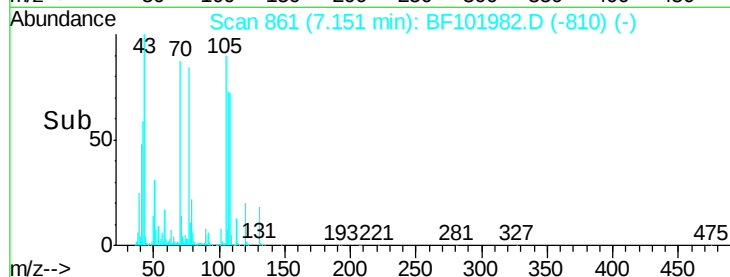
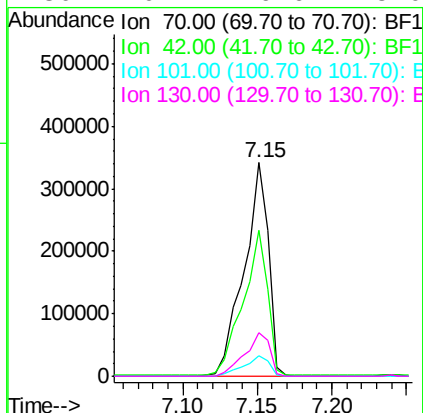
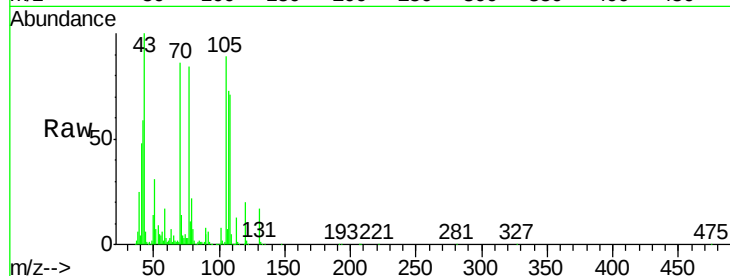




#19
n-Nitroso-di-n-propylamine
Concen: 31.859 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

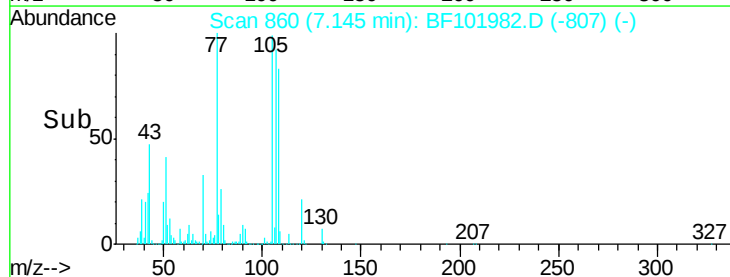
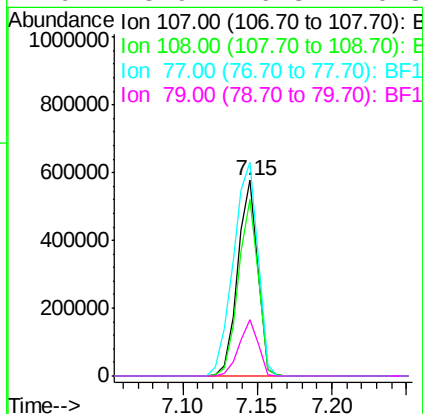
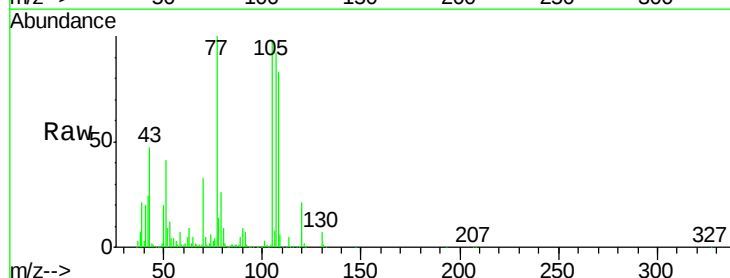
Instrument :
BNA_F
ClientSampleId :
PB105555BS

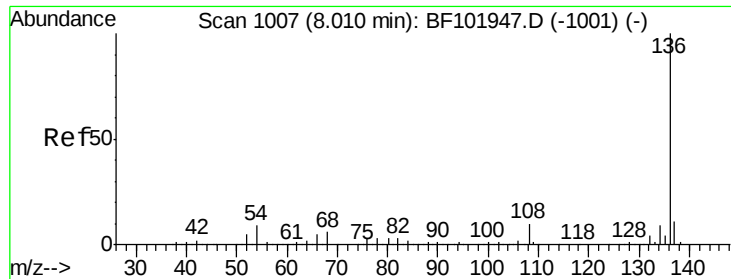
Tot Ion: 70 Resp: 387082
Ion Ratio Lower Upper
70 100
42 68.1 47.5 71.3
101 9.4 7.4 11.2
130 20.2 16.6 25.0



#20
3+4-Methylphenols
Concen: 31.969 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

Tgt Ion: 107 Resp: 539659
Ion Ratio Lower Upper
107 100
108 90.2 68.2 108.2
77 109.1 26.7 66.7#
79 28.9 6.3 46.3

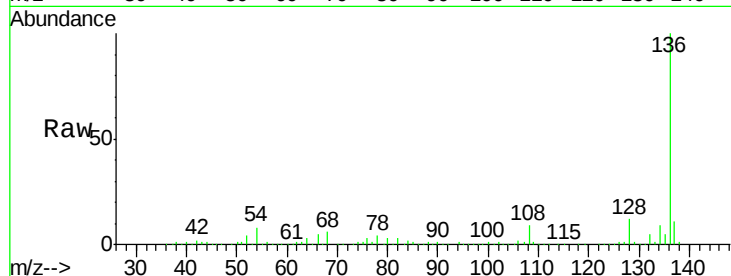




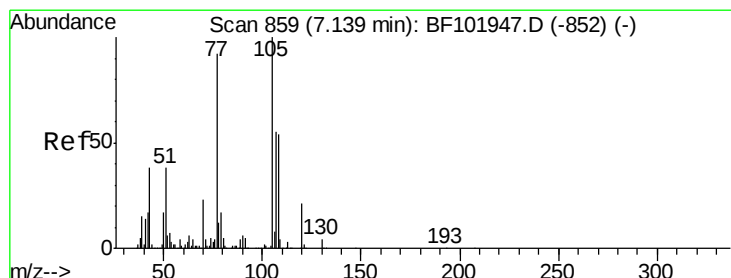
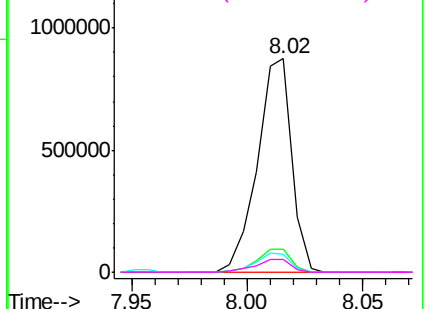
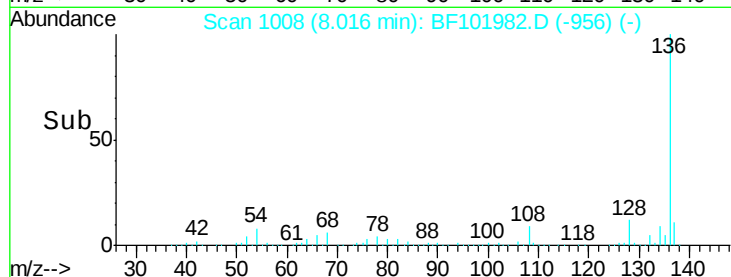
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

Instrument :
BNA_F
ClientSampleId :
PB105555BS

Tot Ion:136	Resp:	907466
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	8.3	6.6 9.8
68	5.8	5.0 7.4

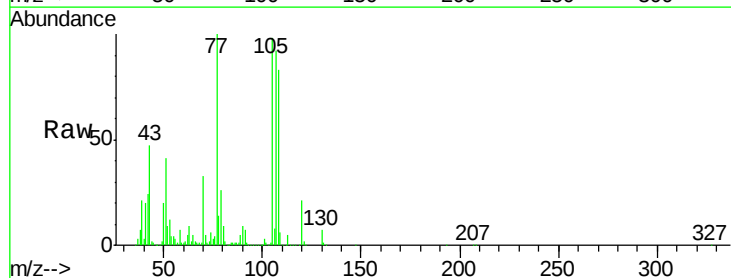


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

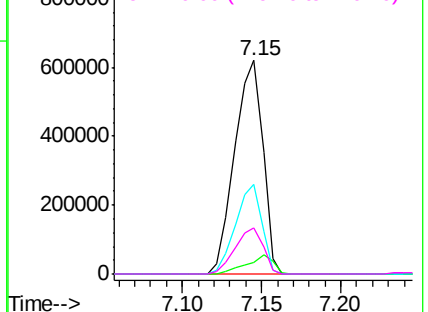
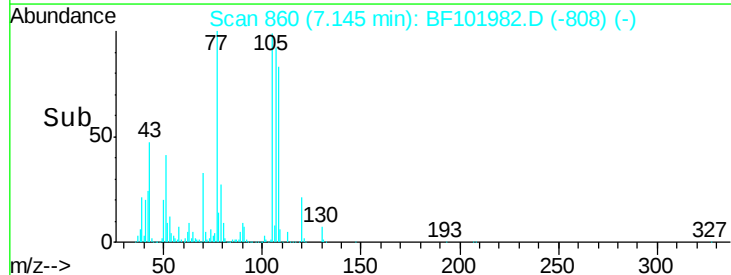


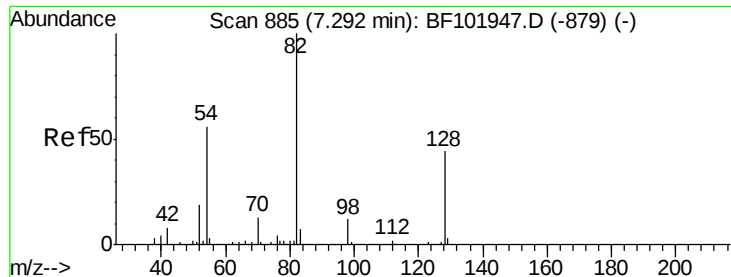
#22
Acetophenone
Concen: 34.907 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

Tgt Ion:105	Resp:	763238
Ion Ratio	Lower	Upper
105	100	
71	5.5	4.4 6.6
51	41.8	22.3 33.5#
120	21.3	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

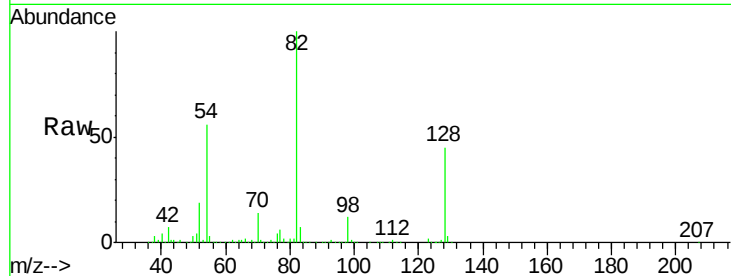




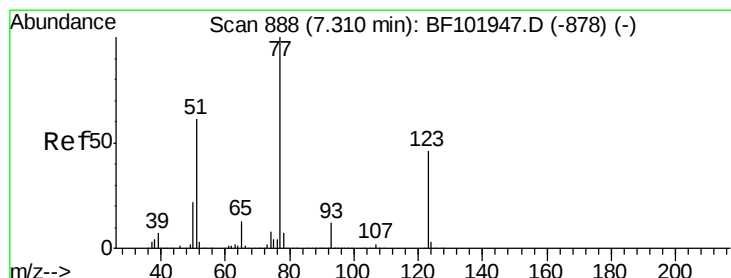
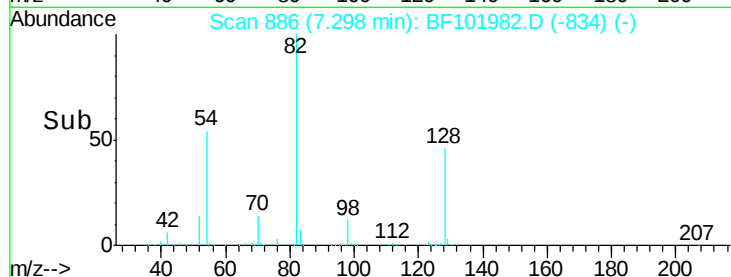
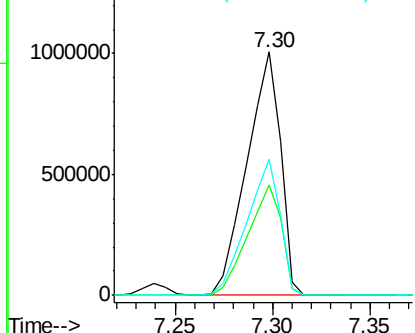
#23
Nitrobenzene-d5
Concen: 77.750 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

Instrument :
BNA_F
ClientSampleId :
PB105555BS

Tot Ion: 82 Resp: 1200658
Ion Ratio Lower Upper
82 100
128 45.5 36.1 54.1
54 56.0 41.4 62.2

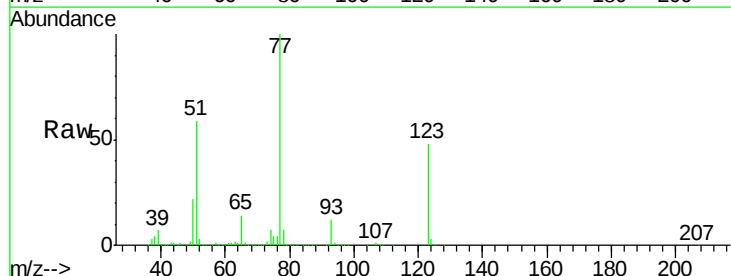


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

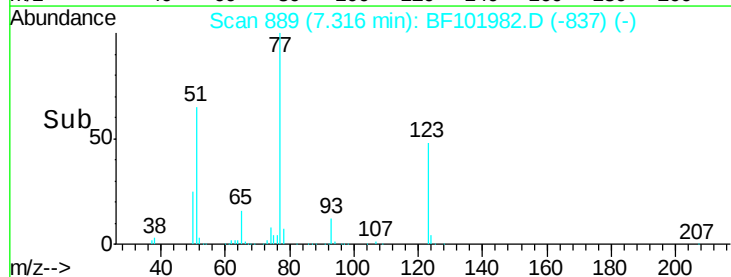
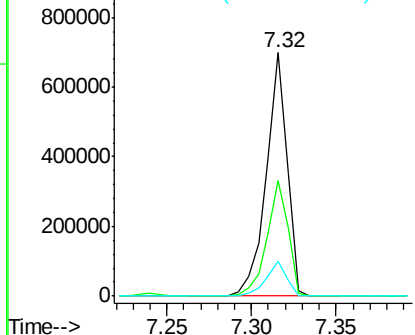


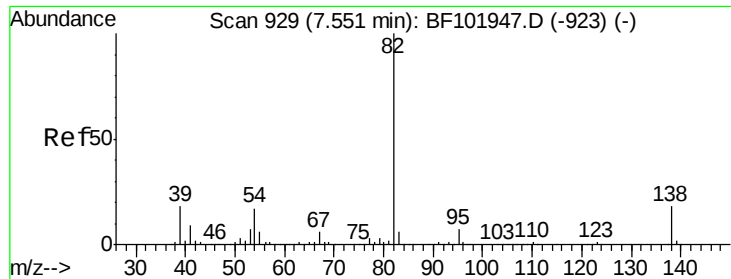
#24
Nitrobenzene
Concen: 35.817 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

Tgt Ion: 77 Resp: 594344
Ion Ratio Lower Upper
77 100
123 47.7 37.9 56.9
65 14.2 11.0 16.4



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





#25

Isophorone

Concen: 36.123 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.01 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

Instrument :

BNA_F

ClientSampleId :

PB105555BS

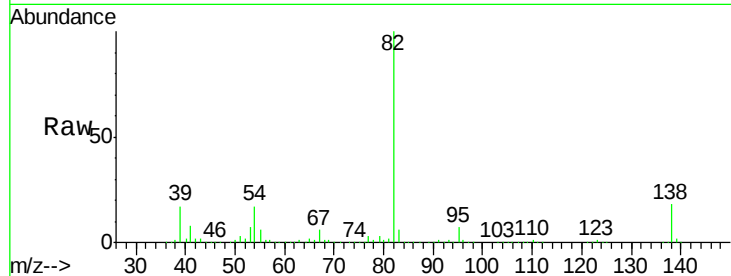
Tot Ion: 82 Resp: 1102215

Ion Ratio Lower Upper

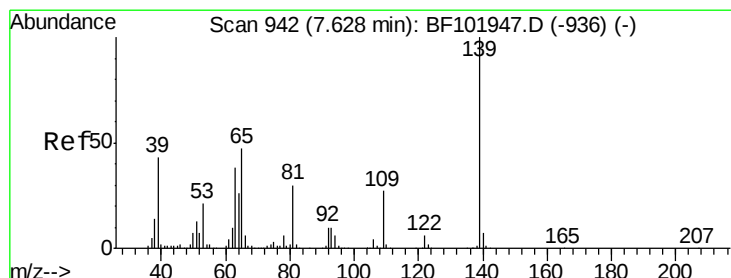
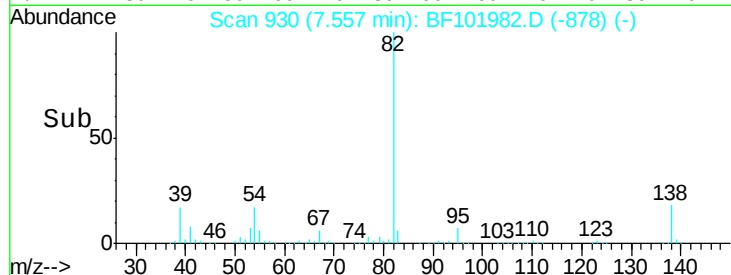
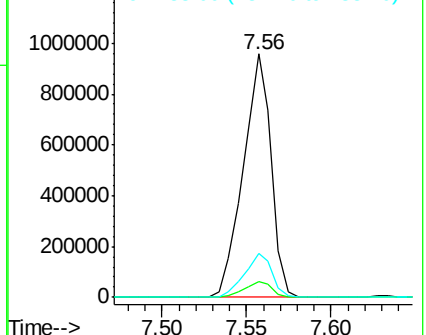
82 100

95 6.6 5.2 7.8

138 18.0 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: 45.213 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

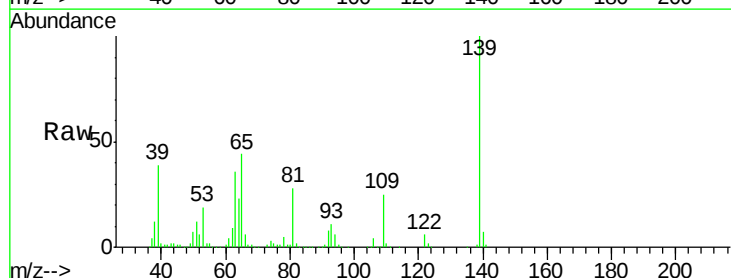
Tgt Ion: 139 Resp: 314020

Ion Ratio Lower Upper

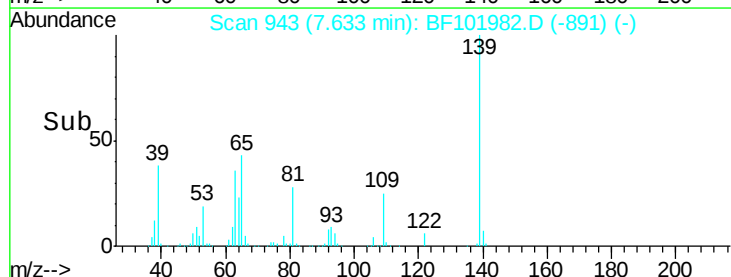
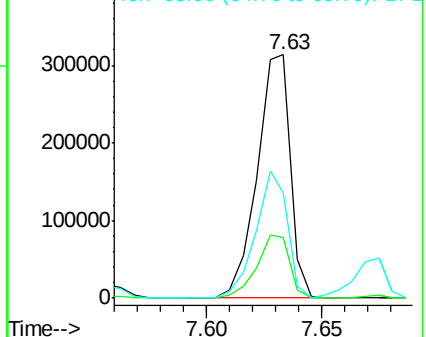
139 100

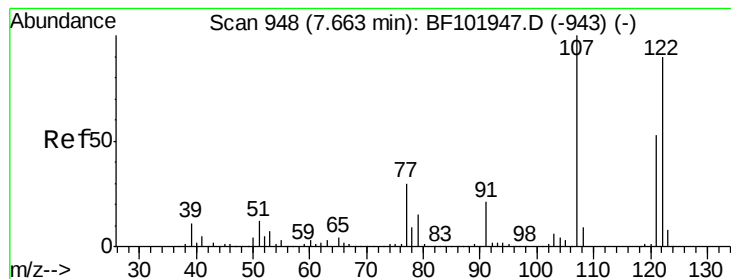
109 24.6 22.7 34.1

65 43.5 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 39.225 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

Instrument :

BNA_F

ClientSampleId :

PB105555BS

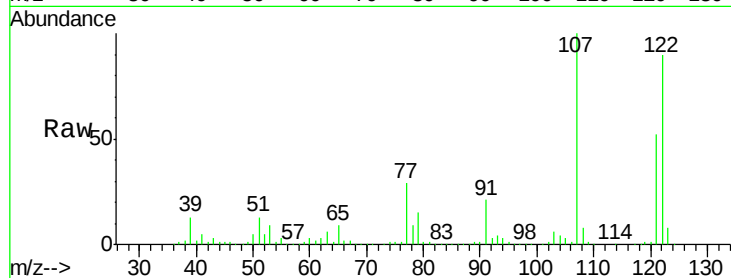
Tot Ion:122 Resp: 508782

Ion Ratio Lower Upper

122 100

107 111.3 91.2 136.8

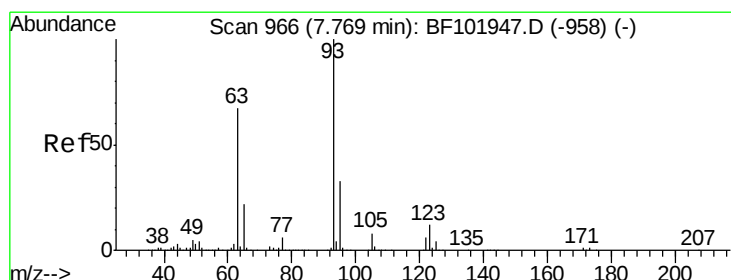
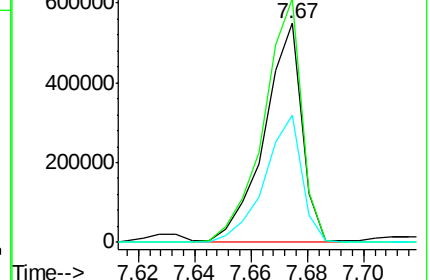
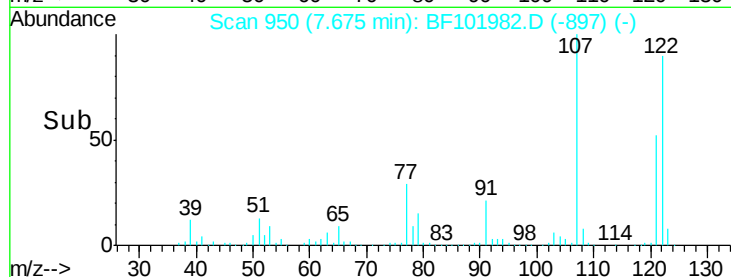
121 58.3 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.928 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

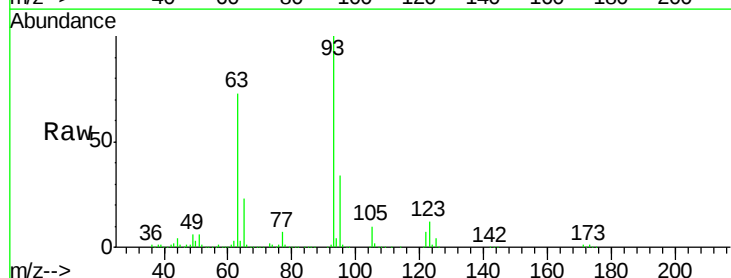
Tgt Ion: 93 Resp: 680361

Ion Ratio Lower Upper

93 100

95 33.6 26.3 39.5

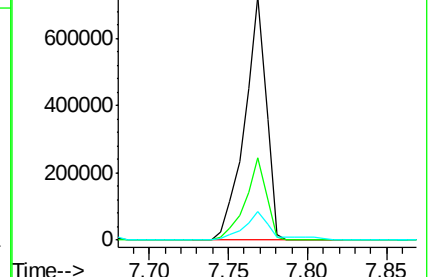
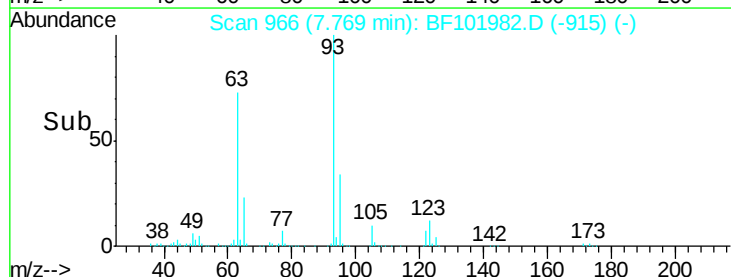
123 11.8 9.8 14.6

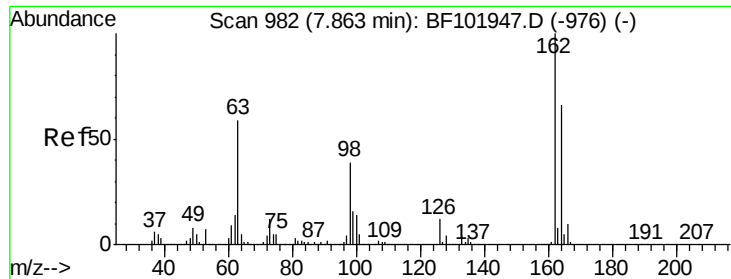


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.736 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

Instrument :

BNA_F

ClientSampleId :

PB105555BS

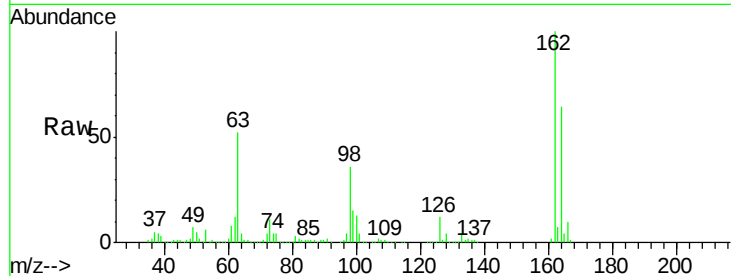
Tot Ion:162 Resp: 464777

Ion Ratio Lower Upper

162 100

164 63.8 42.7 82.7

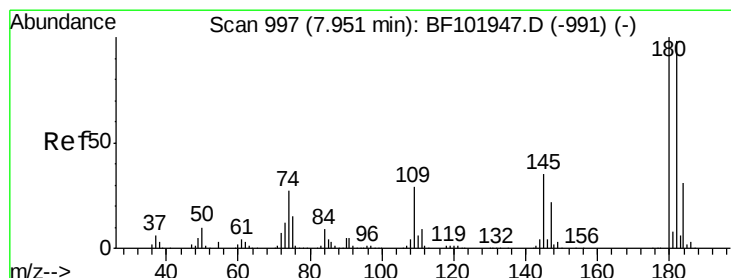
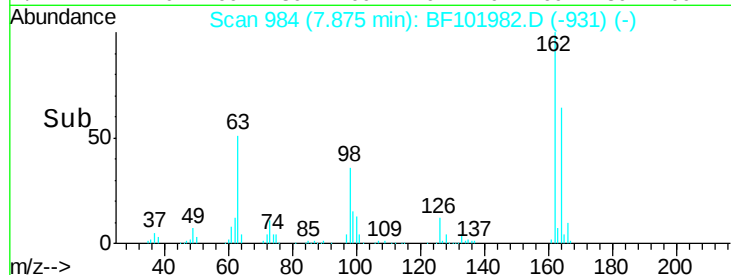
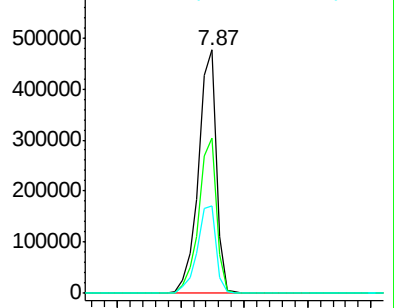
98 35.8 18.1 58.1



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: 34.944 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

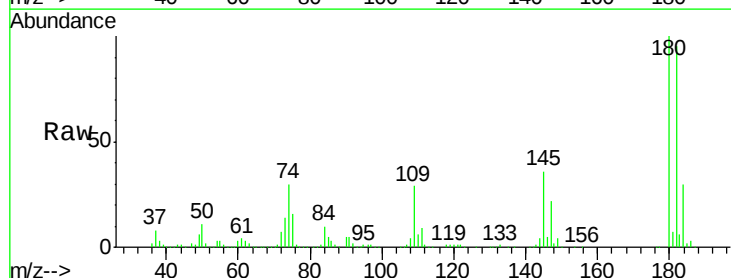
Tgt Ion:180 Resp: 450181

Ion Ratio Lower Upper

180 100

182 94.5 76.8 115.2

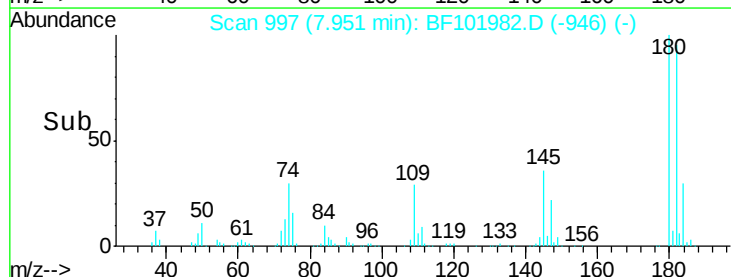
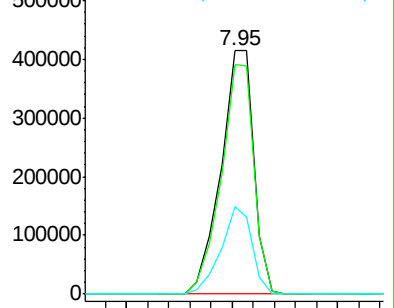
145 35.8 26.5 39.7

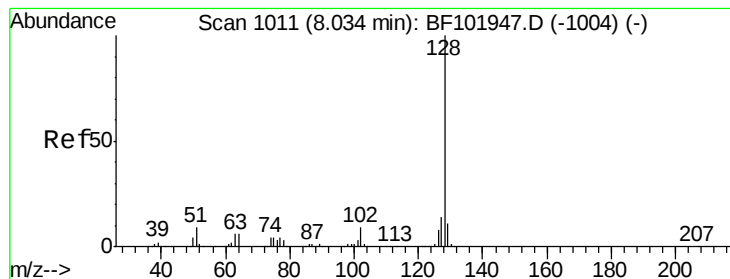


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.836 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

Instrument :

BNA_F

ClientSampleId :

PB105555BS

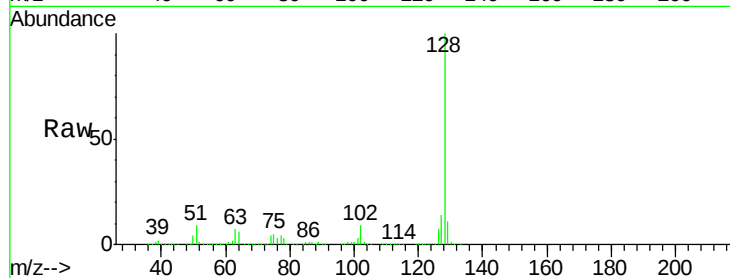
Tot Ion:128 Resp: 1579614

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

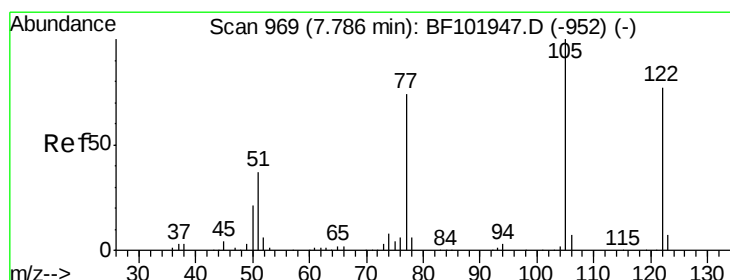
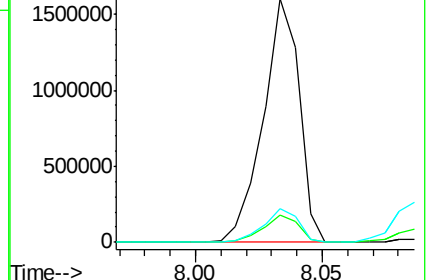
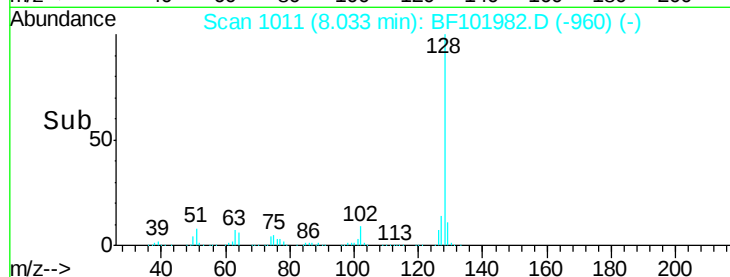
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.522 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

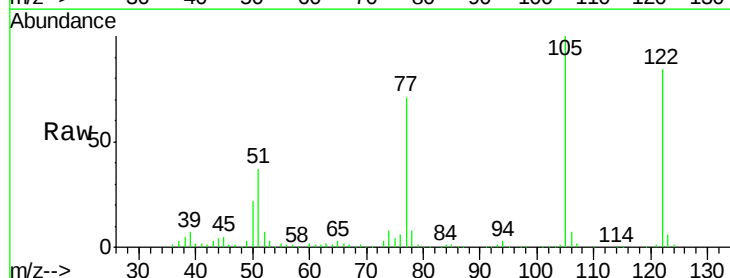
Tgt Ion:122 Resp: 339547

Ion Ratio Lower Upper

122 100

105 119.7 101.1 141.1

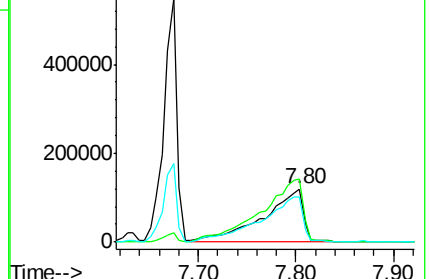
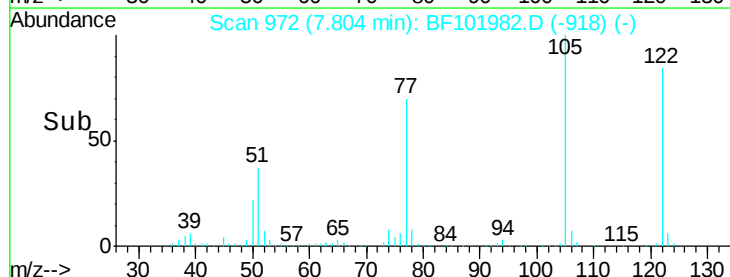
77 85.0 70.7 110.7

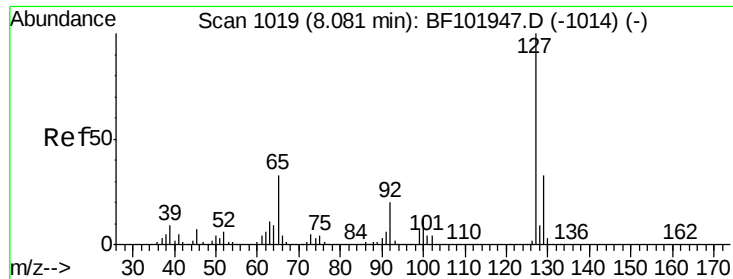


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

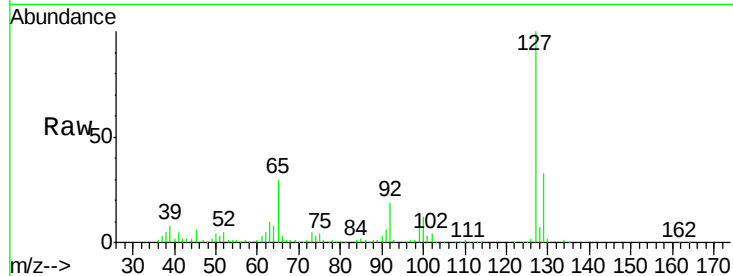




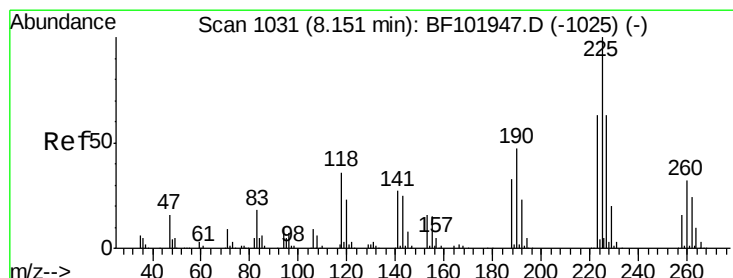
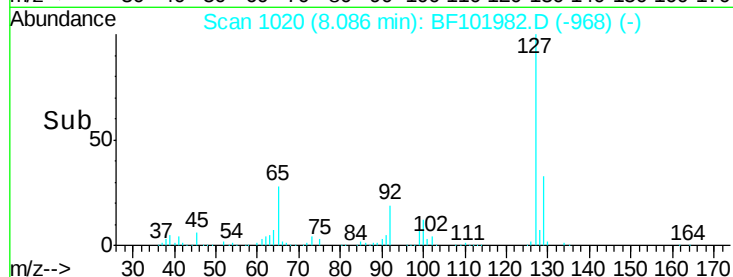
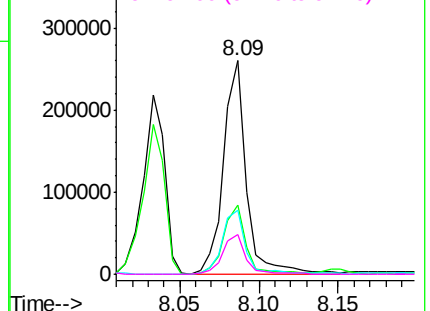
#33
4-Chloroaniline
Concen: 13.258 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

Instrument :
BNA_F
ClientSampleId :
PB105555BS

Tot Ion:	127	Resp:	256590
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	29.9	25.0	37.4
92	18.7	15.2	22.8

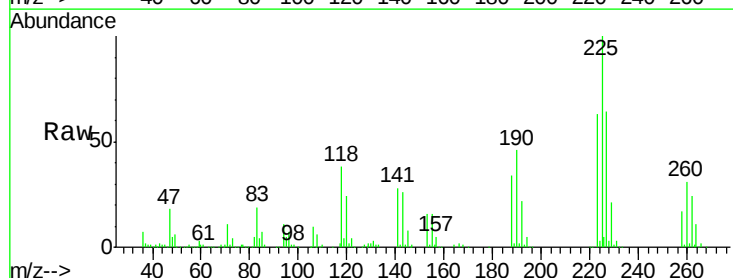


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

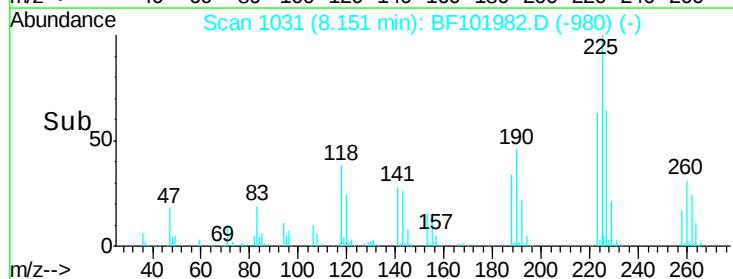
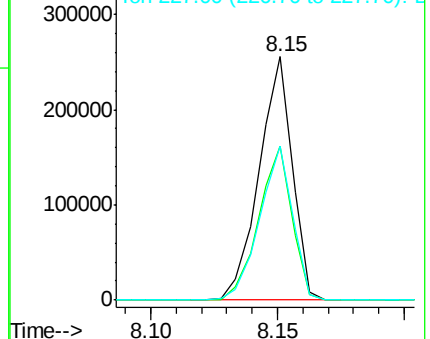


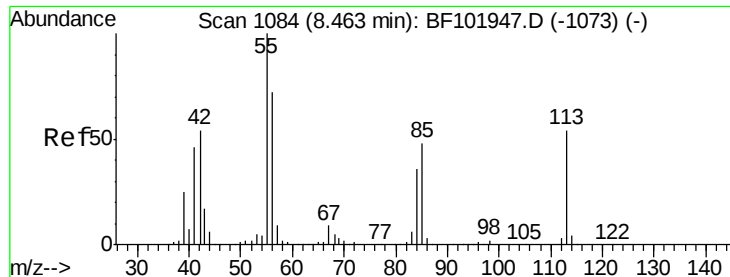
#34
Hexachlorobutadiene
Concen: 34.239 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

Tgt Ion:	225	Resp:	233484
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	63.5	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: 23.497 ng

RT: 8.47 min Scan# 1086

Delta R.T. 0.01 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

Instrument :

BNA_F

ClientSampleId :

PB105555BS

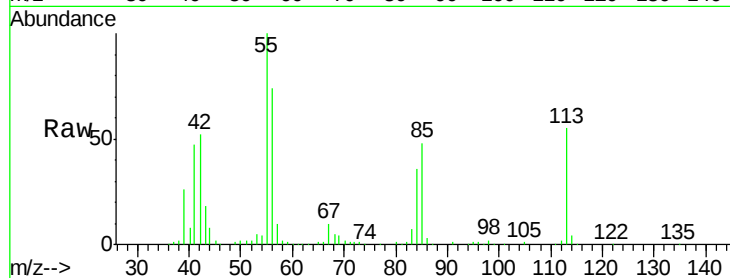
Tot Ion:113 Resp: 99350

Ion Ratio Lower Upper

113 100

55 181.9 163.3 203.3

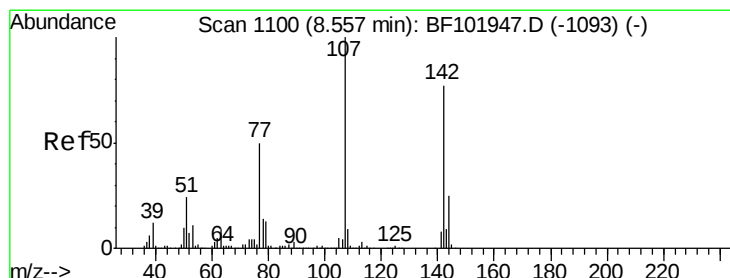
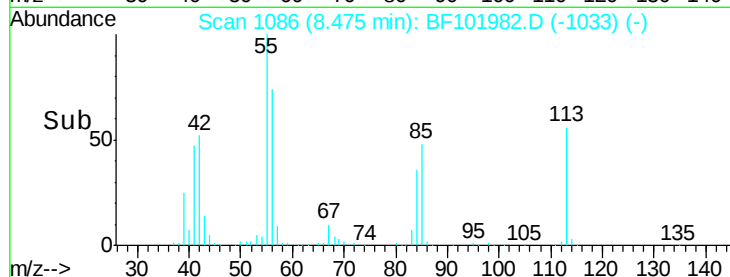
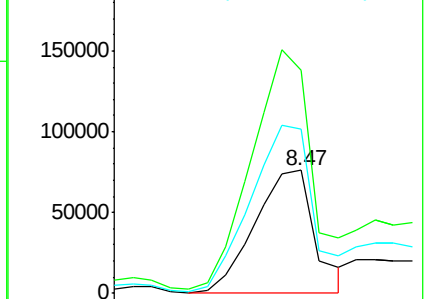
56 134.2 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 36.252 ng

RT: 8.57 min Scan# 1103

Delta R.T. 0.02 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

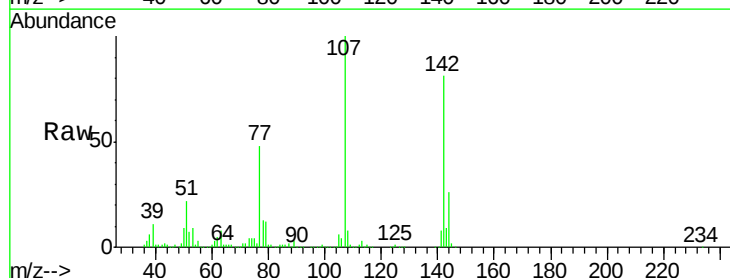
Tgt Ion:107 Resp: 488737

Ion Ratio Lower Upper

107 100

144 26.0 20.5 30.7

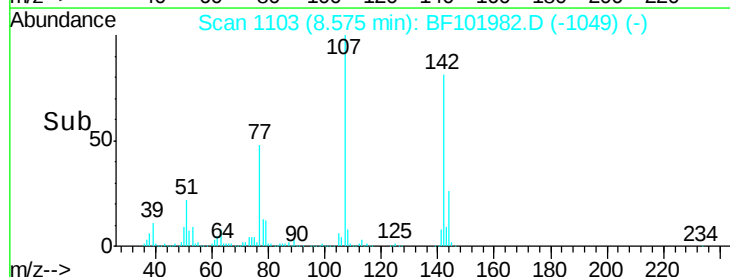
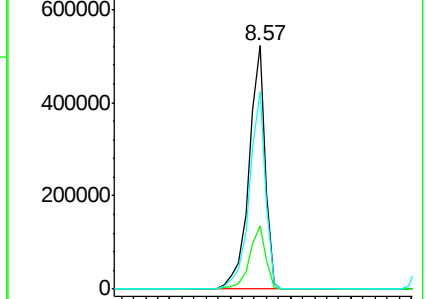
142 81.1 62.0 93.0

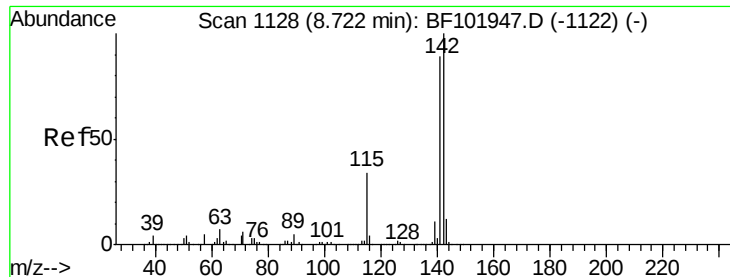


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

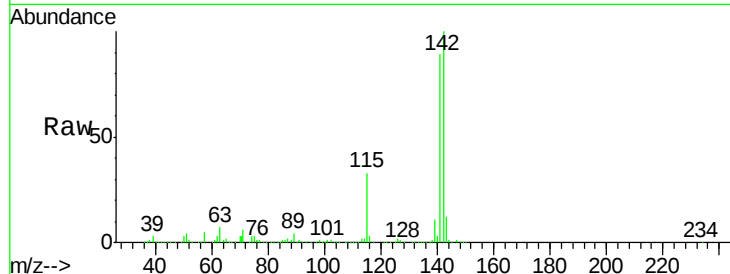




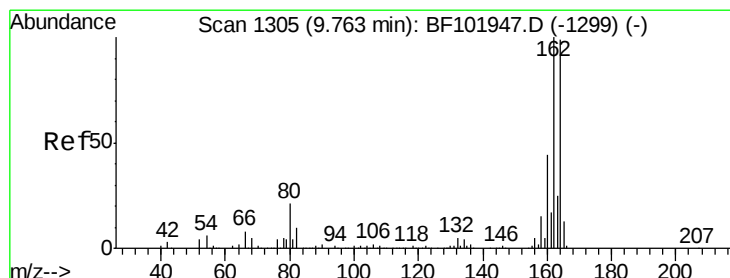
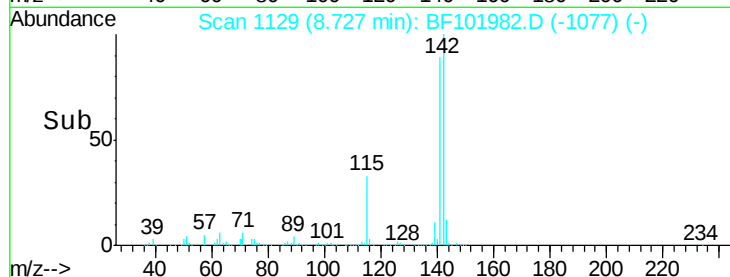
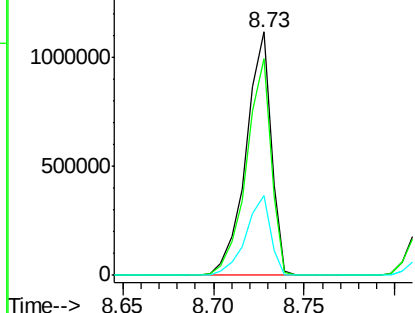
#37
2-Methylnaphthalene
Concen: 35.965 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

Instrument :
BNA_F
ClientSampleId :
PB105555BS

Tot Ion:142 Resp: 1073600
Ion Ratio Lower Upper
142 100
141 89.2 70.8 106.2
115 32.8 26.1 39.1

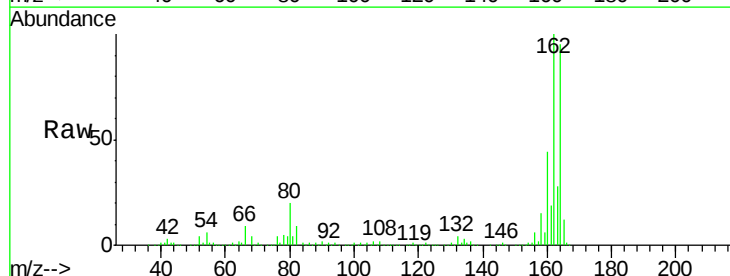


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

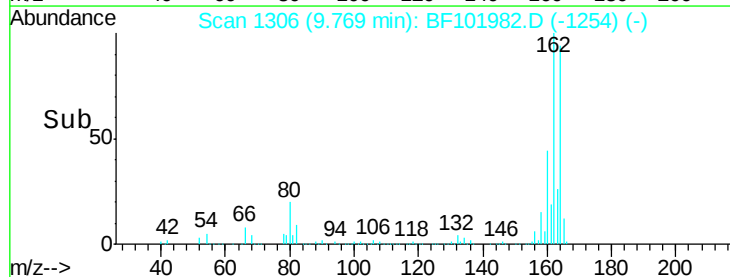
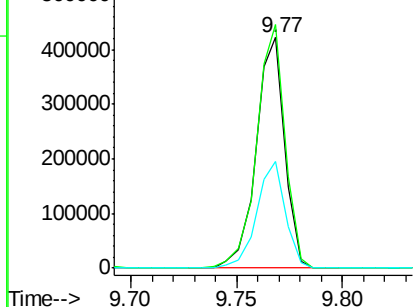


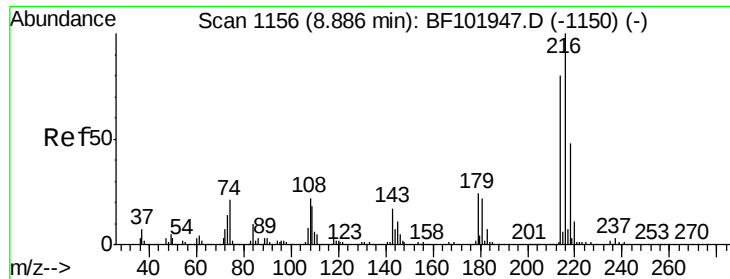
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

Tgt Ion:164 Resp: 395613
Ion Ratio Lower Upper
164 100
162 105.7 86.1 129.1
160 46.3 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

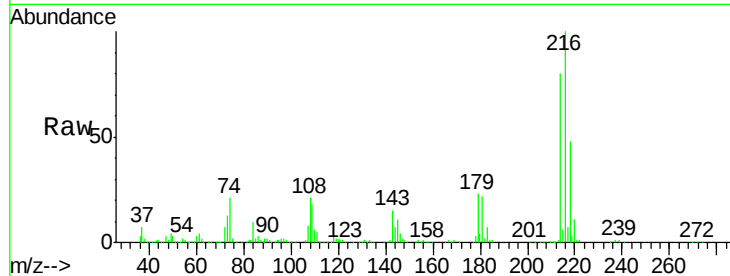




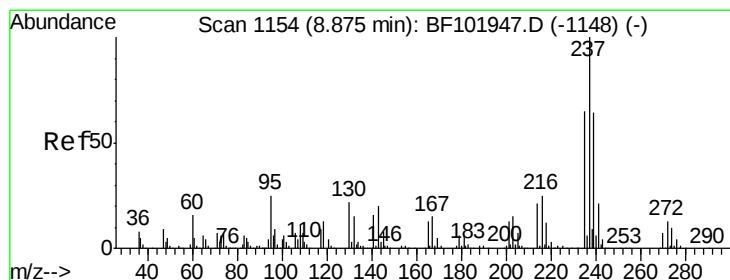
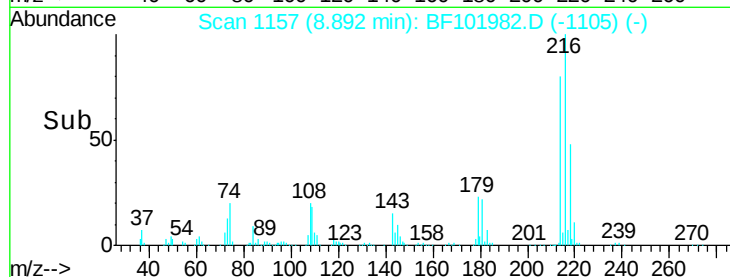
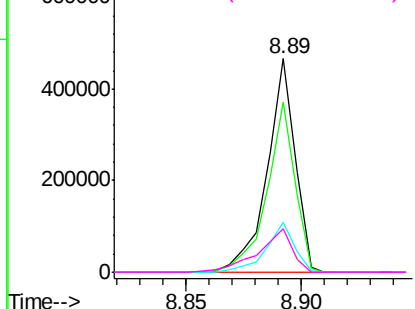
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.068 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.01 min
 Lab File: BF101982.D
 Acq: 10 Jan 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB105555BS

Tot Ion:216	Resp:	392483
Ion Ratio	Lower	Upper
216	100	
214	79.8	63.0 94.4
179	23.3	18.1 27.1
108	25.3	17.2 25.8

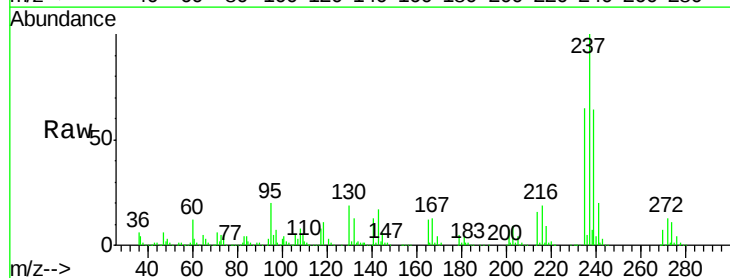


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

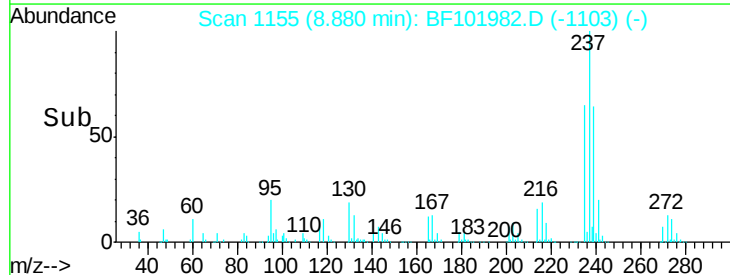
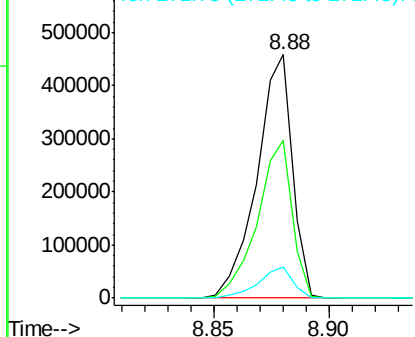


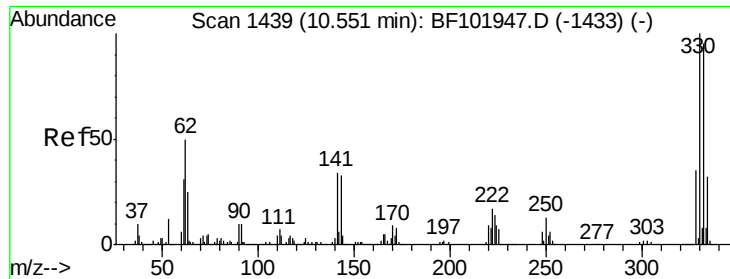
#40
 Hexachlorocyclopentadiene
 Concen: 80.021 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BF101982.D
 Acq: 10 Jan 2018 16:48

Tgt Ion:237	Resp:	489798
Ion Ratio	Lower	Upper
237	100	
235	64.8	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

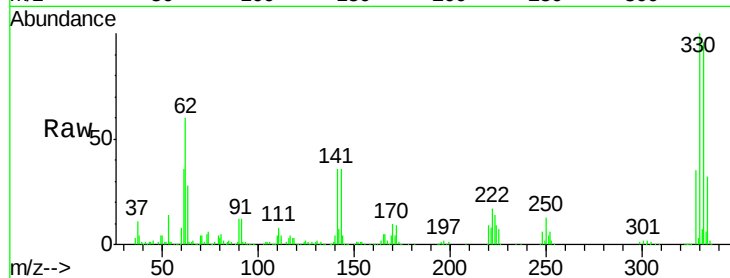




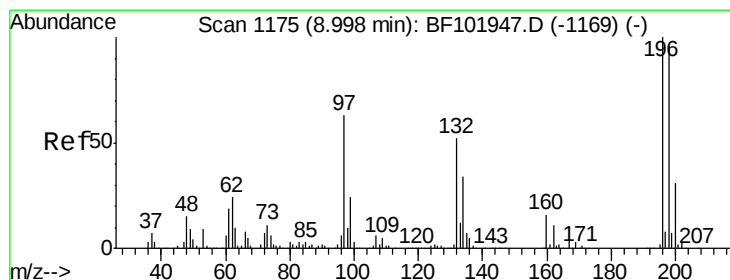
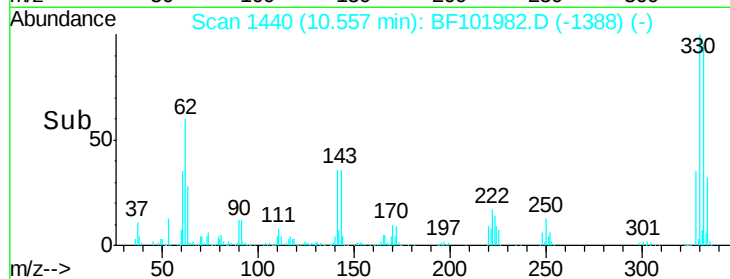
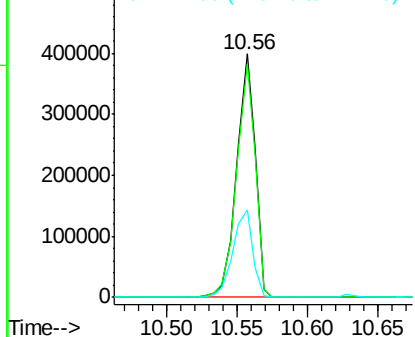
#41
 2,4,6-Tribromophenol
 Concen: 105.744 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF101982.D
 Acq: 10 Jan 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB105555BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	38.3	29.9	44.9

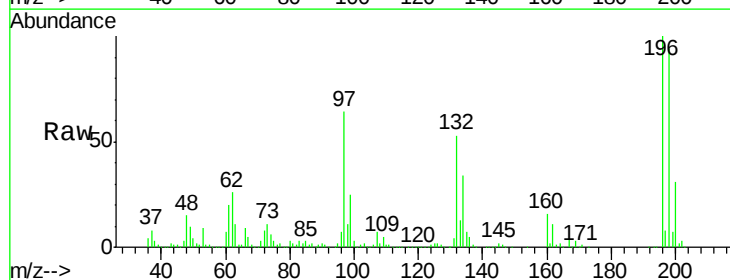


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

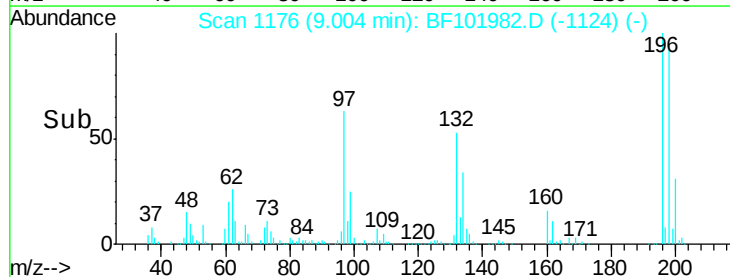
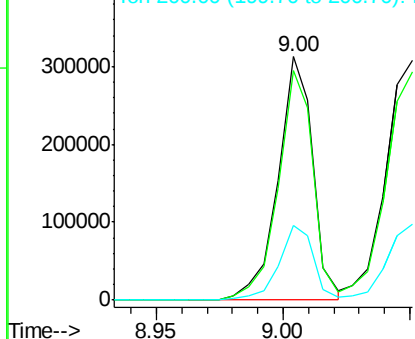


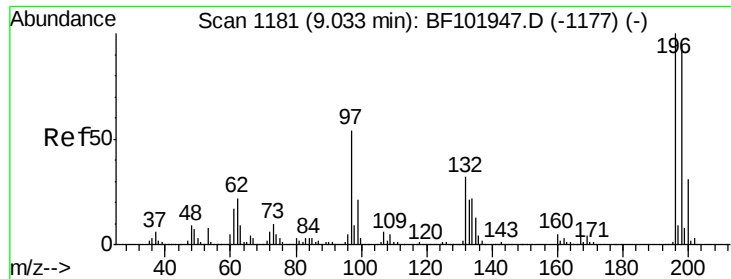
#42
 2,4,6-Trichlorophenol
 Concen: 38.883 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF101982.D
 Acq: 10 Jan 2018 16:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	75.7	113.5
200	30.6	24.5	36.7



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

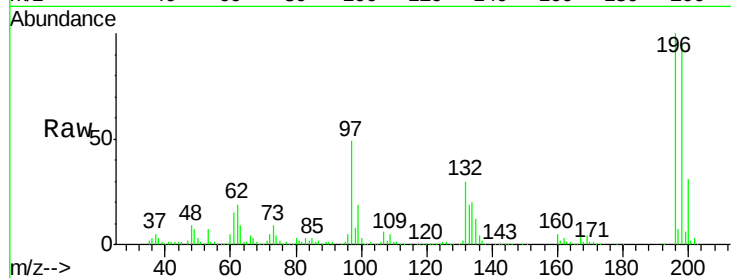




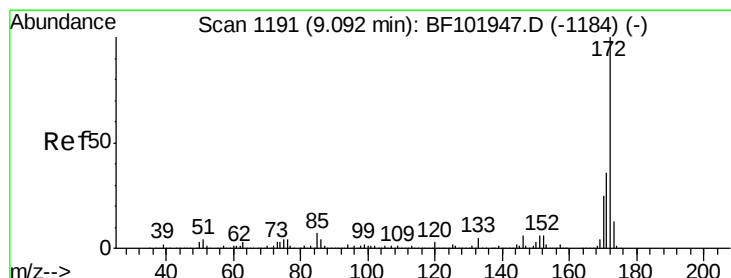
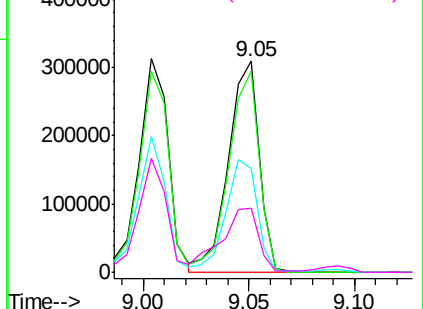
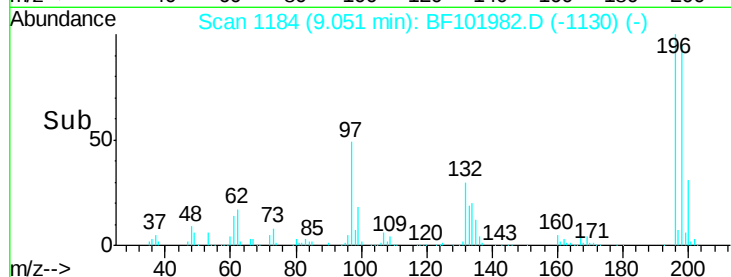
#43
 2,4,5-Trichlorophenol
 Concen: 35.496 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.02 min
 Lab File: BF101982.D
 Acq: 10 Jan 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB105555BS

Tot Ion:196 Resp: 309420
 Ion Ratio Lower Upper
 196 100
 198 95.2 74.6 112.0
 97 49.1 42.9 64.3
 132 30.1 26.3 39.5

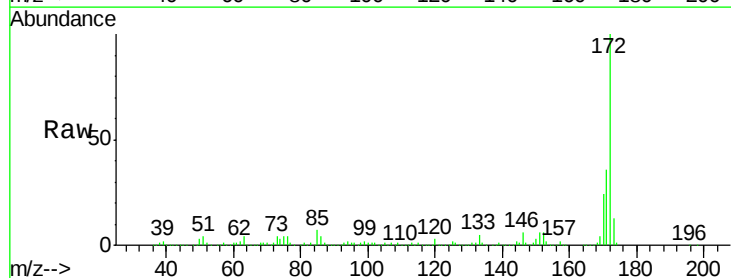


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

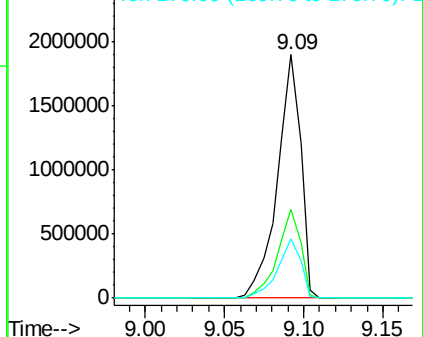
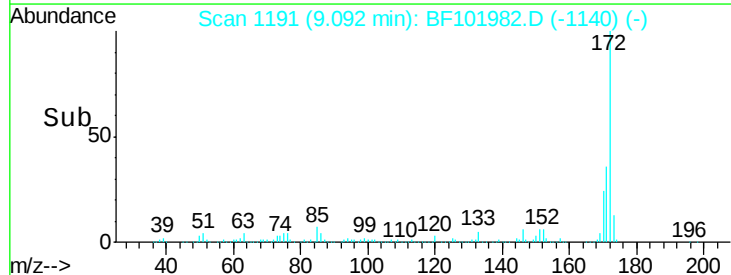


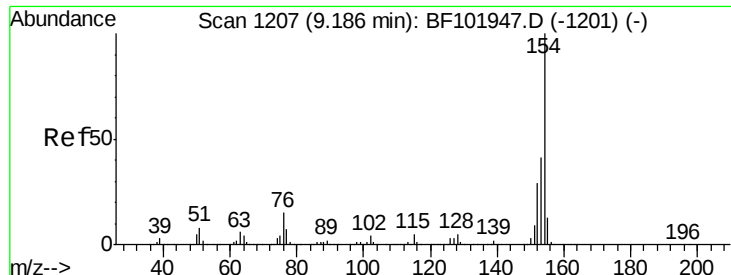
#44
 2-Fluorobiphenyl
 Concen: 76.525 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF101982.D
 Acq: 10 Jan 2018 16:48

Tgt Ion:172 Resp: 1937832
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.4 19.6 29.4



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

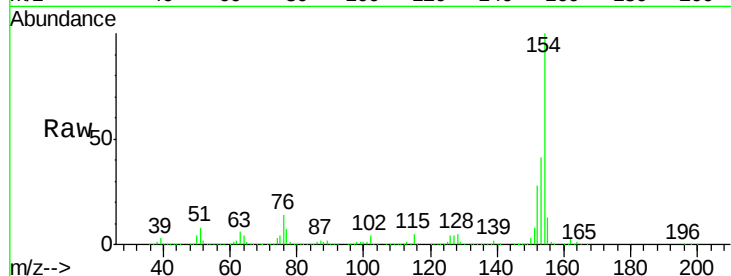




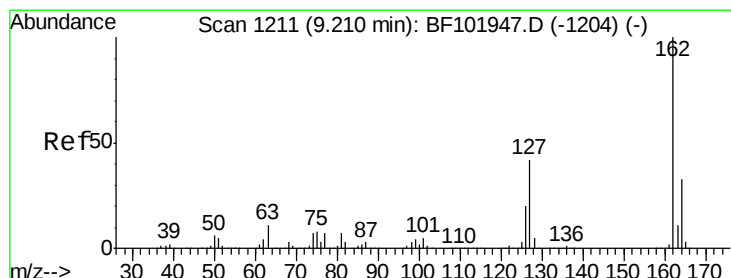
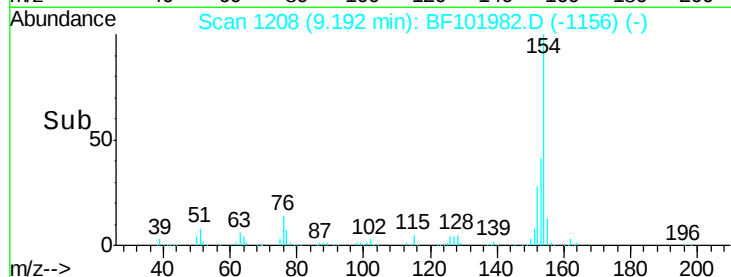
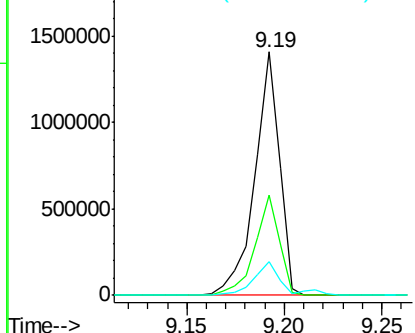
#45
 1,1'-Biphenyl
 Concen: 35.121 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF101982.D
 Acq: 10 Jan 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB105555BS

Tot Ion:154 Resp: 1228121
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.3 61.3
 76 13.8 0.0 34.0

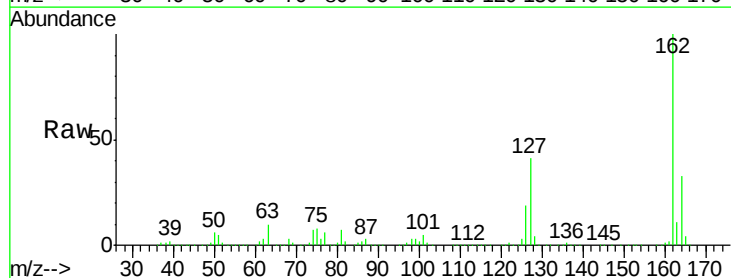


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

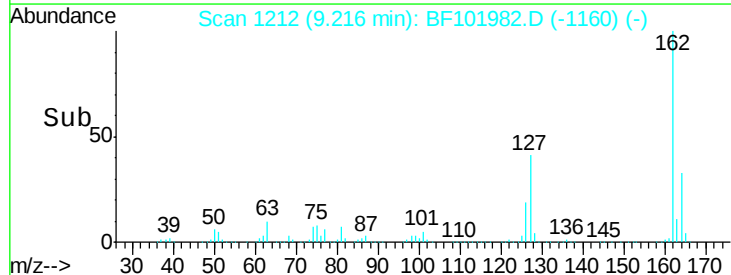
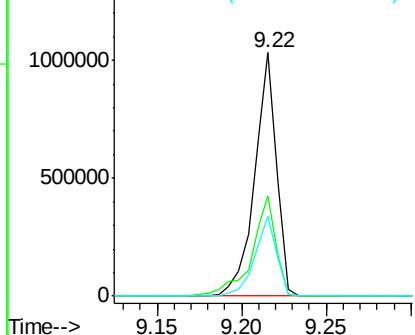


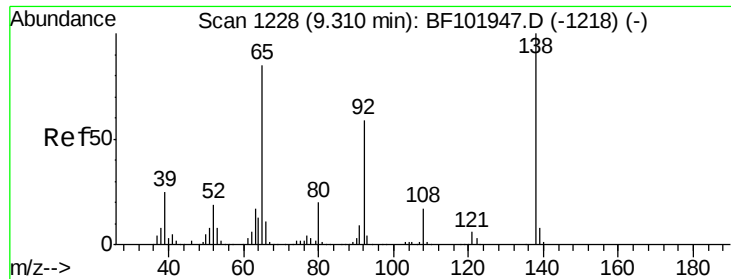
#46
 2-Chloronaphthalene
 Concen: 34.423 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF101982.D
 Acq: 10 Jan 2018 16:48

Tgt Ion:162 Resp: 933429
 Ion Ratio Lower Upper
 162 100
 127 41.0 33.9 50.9
 164 32.8 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

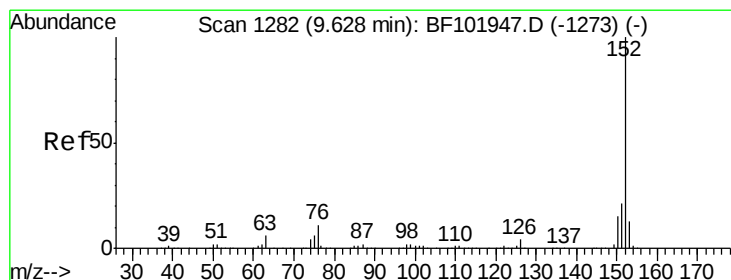
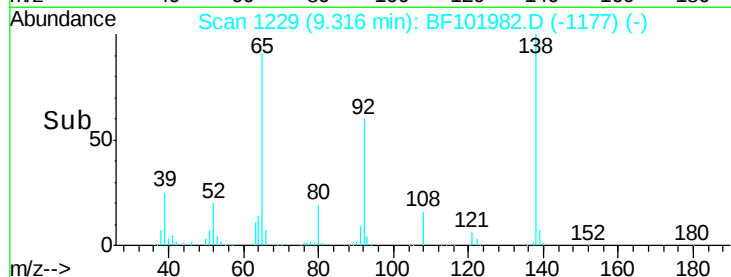
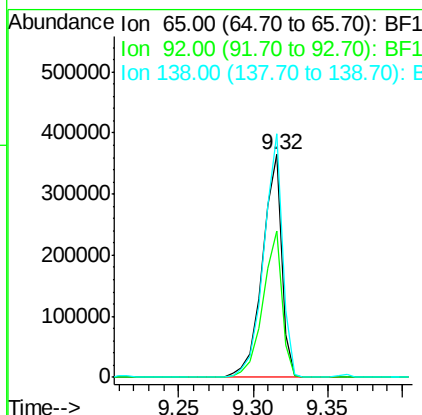
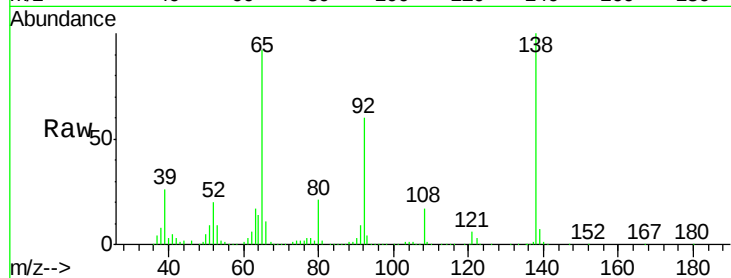




#47
2-Nitroaniline
Concen: 39.582 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

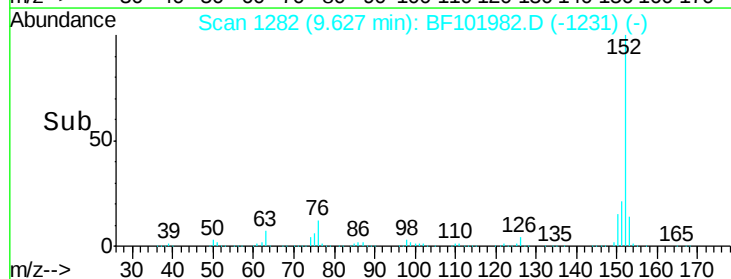
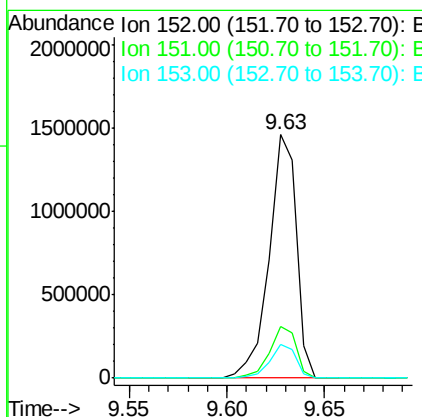
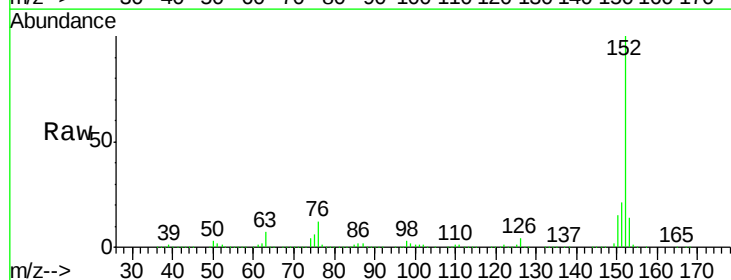
Instrument :
BNA_F
ClientSampleId :
PB105555BS

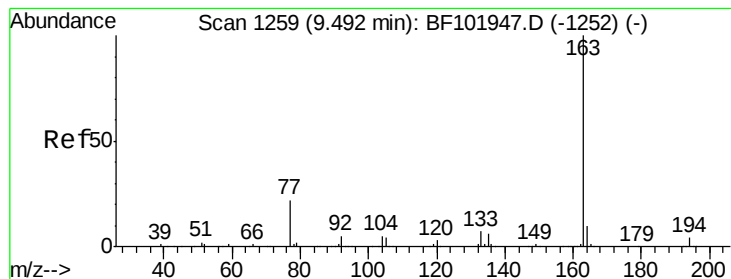
Tot Ion: 65 Resp: 321504
Ion Ratio Lower Upper
65 100
92 65.8 55.8 83.6
138 109.3 91.2 136.8



#48
Acenaphthylene
Concen: 32.954 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

Tgt Ion: 152 Resp: 1418110
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 14.1 10.7 16.1





#49

Dimethylphthalate

Concen: 33.859 ng

RT: 9.50 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

Instrument :

BNA_F

ClientSampleId :

PB105555BS

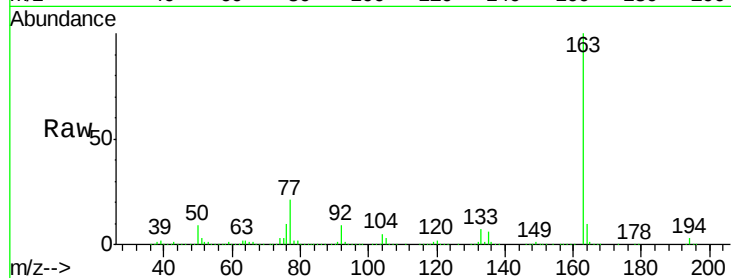
Tot Ion:163 Resp: 1074556

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

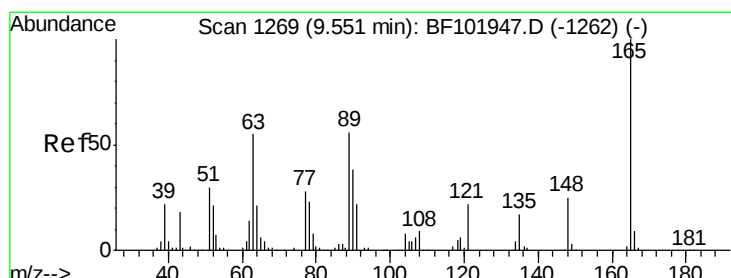
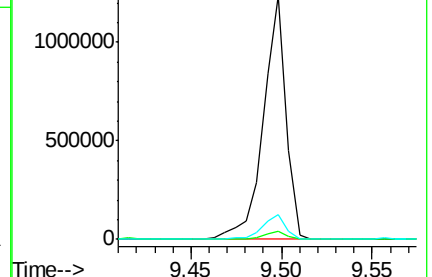
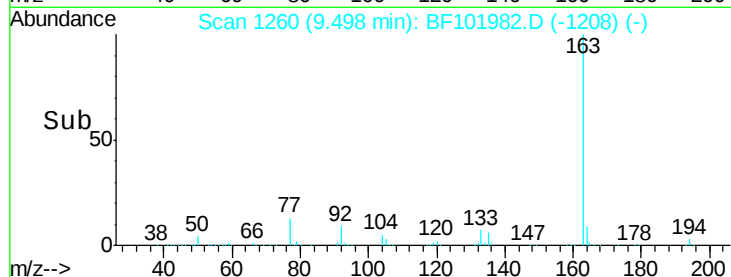
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.734 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

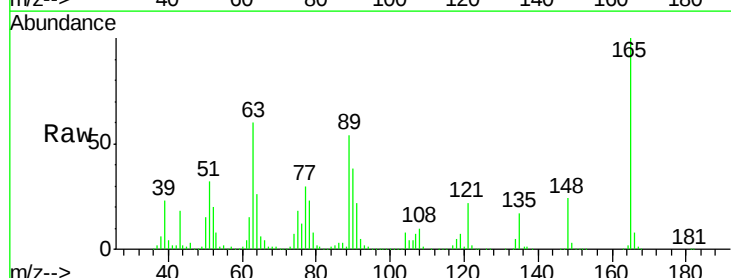
Tgt Ion:165 Resp: 239209

Ion Ratio Lower Upper

165 100

63 60.1 44.7 67.1

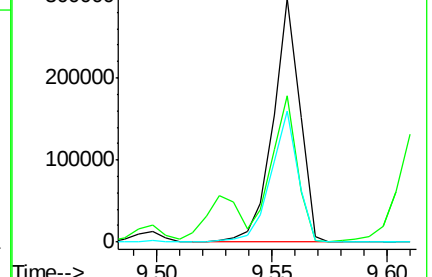
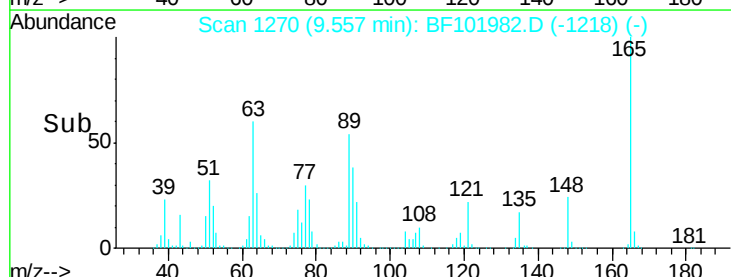
89 53.6 44.0 66.0

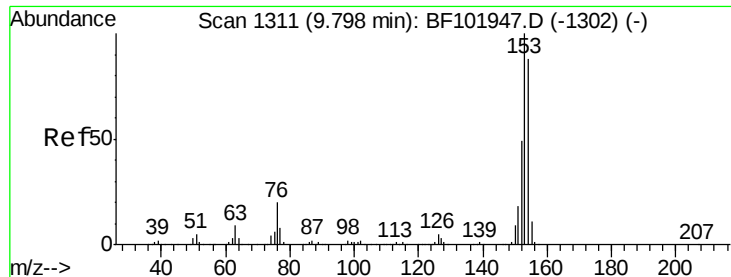


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 32.284 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

Instrument :

BNA_F

ClientSampleId :

PB105555BS

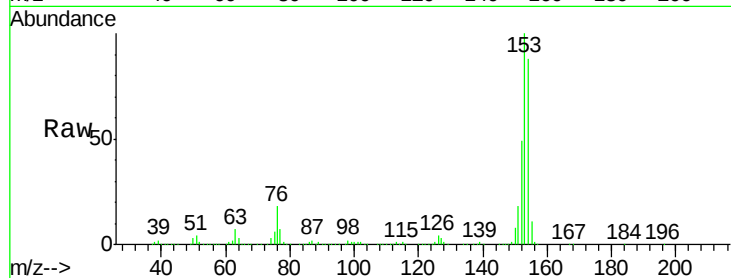
Tot Ion:154 Resp: 843244

Ion Ratio Lower Upper

154 100

153 113.5 91.2 136.8

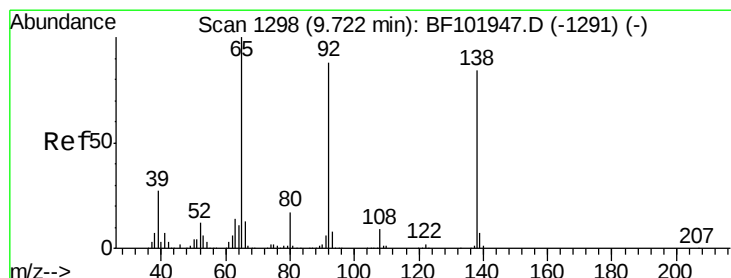
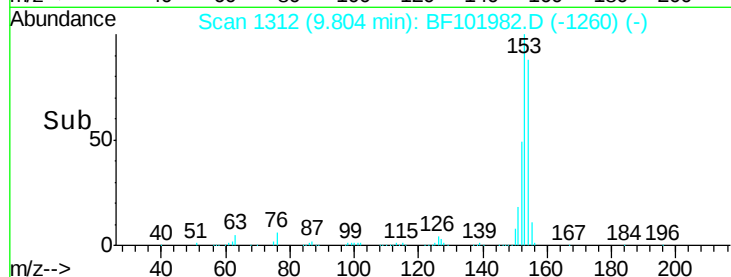
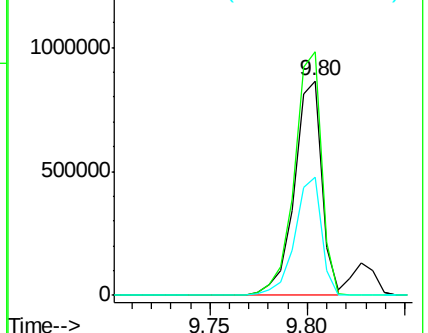
152 55.1 43.8 65.8



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: 22.550 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

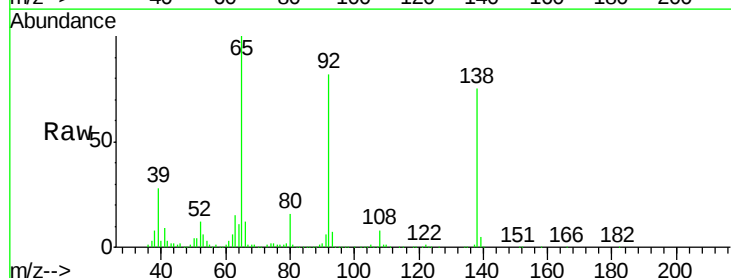
Tgt Ion:138 Resp: 180418

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

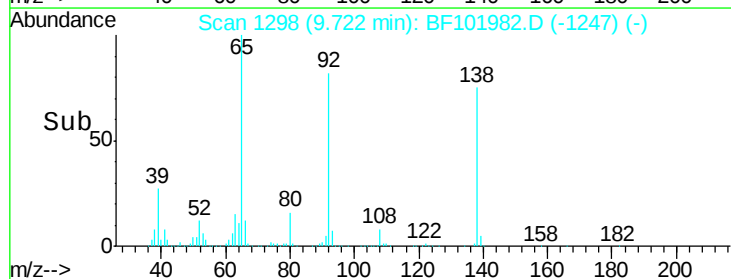
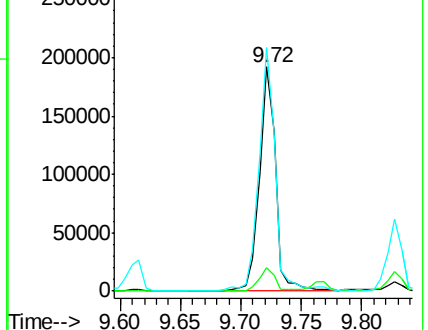
92 108.8 89.4 134.2

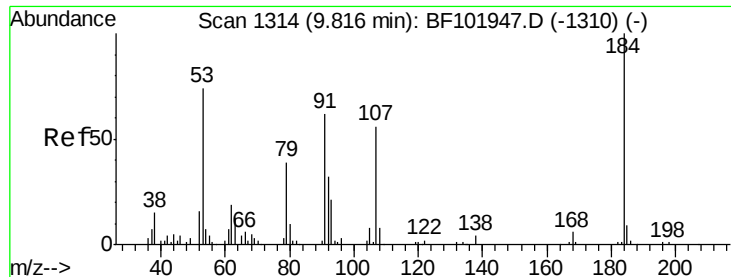


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

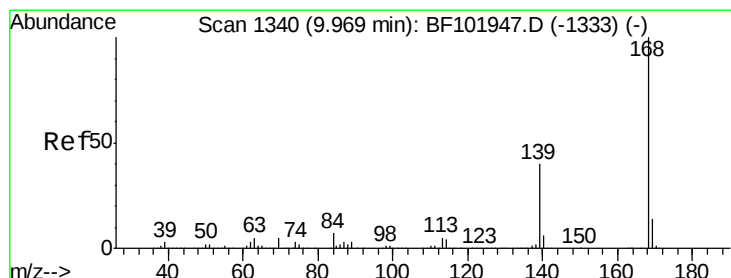
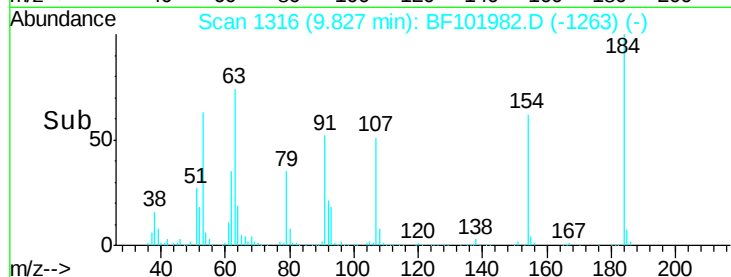
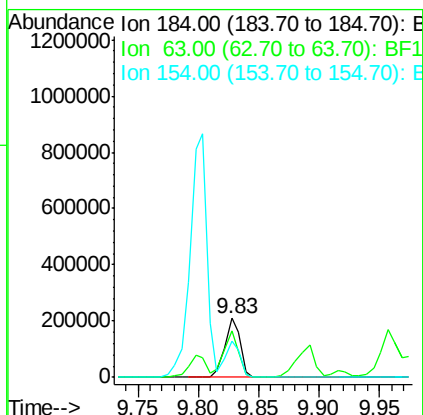
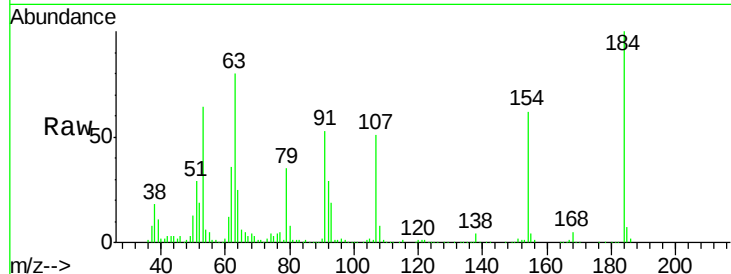




#53
2,4-Dinitrophenol
Concen: 77.529 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

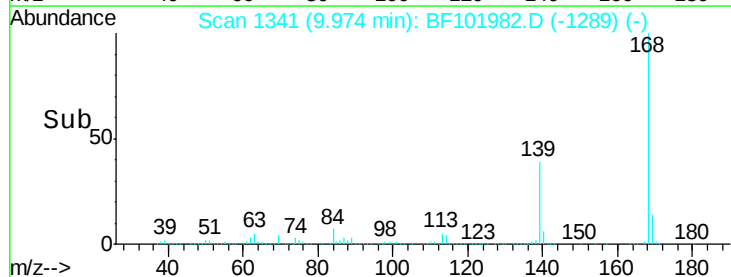
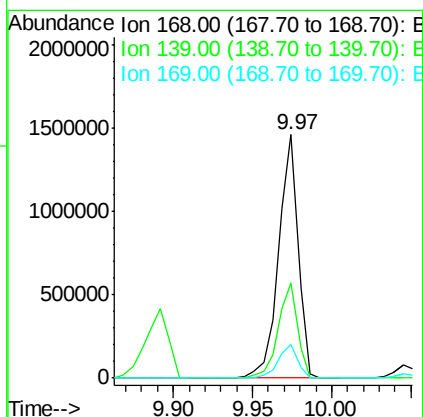
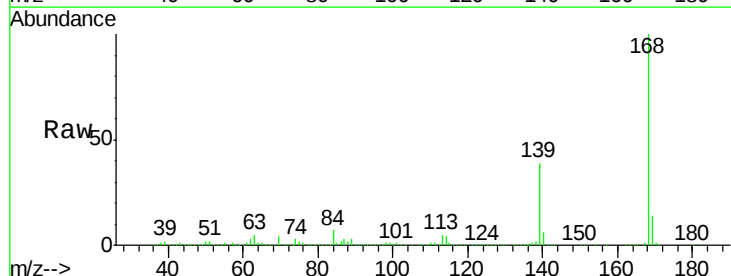
Instrument :
BNA_F
ClientSampleId :
PB105555BS

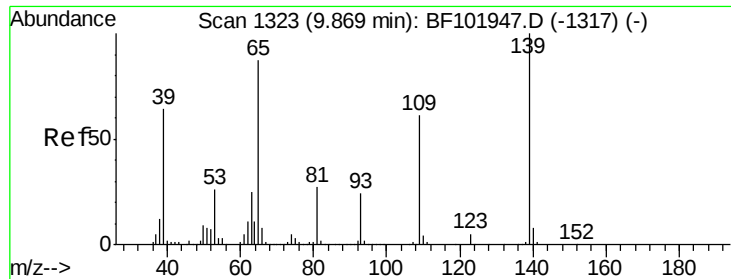
Tot Ion:184 Resp: 187098
Ion Ratio Lower Upper
184 100
63 79.8 54.2 81.2
154 61.6 184.0 276.0#



#54
Dibenzofuran
Concen: 34.762 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

Tgt Ion:168 Resp: 1246127
Ion Ratio Lower Upper
168 100
139 39.0 30.1 45.1
169 13.7 10.9 16.3

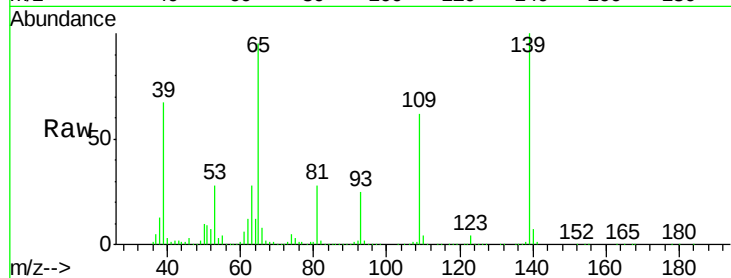




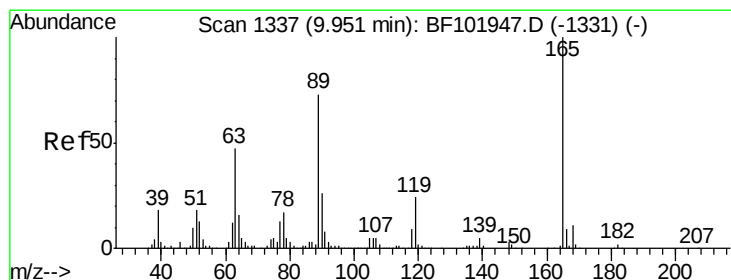
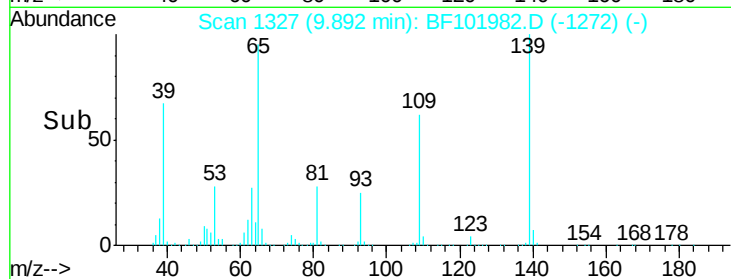
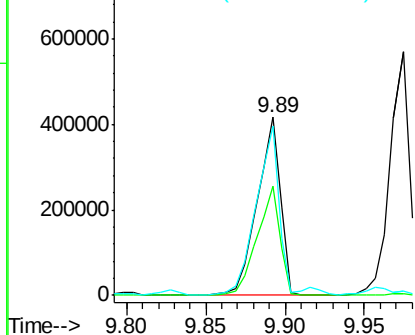
#55
4-Nitrophenol
Concen: 71.482 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.02 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

Instrument :
BNA_F
ClientSampleId :
PB105555BS

Tot Ion:139 Resp: 426199
Ion Ratio Lower Upper
139 100
109 61.6 48.4 88.4
65 94.9 72.6 112.6

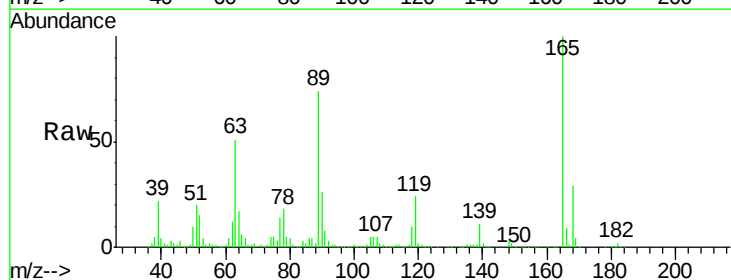


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

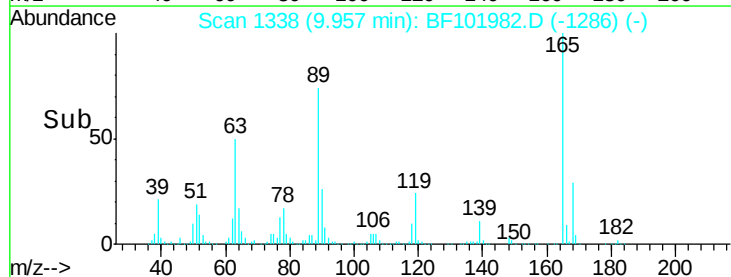
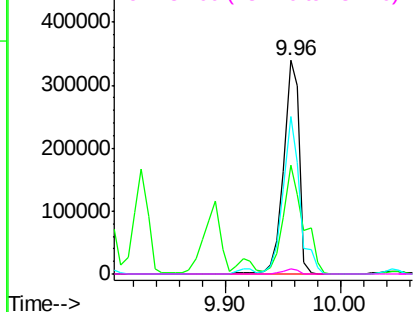


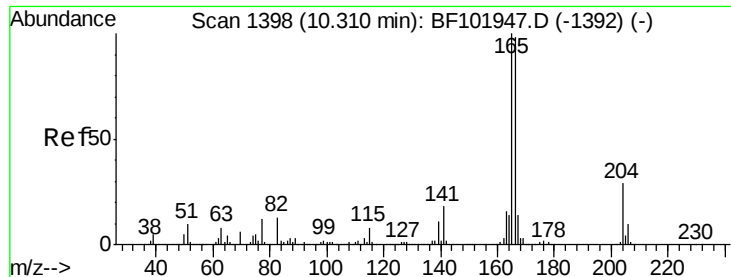
#56
2,4-Dinitrotoluene
Concen: 40.232 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

Tgt Ion:165 Resp: 319674
Ion Ratio Lower Upper
165 100
63 50.7 36.4 54.6
89 73.7 57.8 86.6
182 2.2 1.6 2.4



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





#57

Fluorene

Concen: 36.553 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

Instrument :

BNA_F

ClientSampleId :

PB105555BS

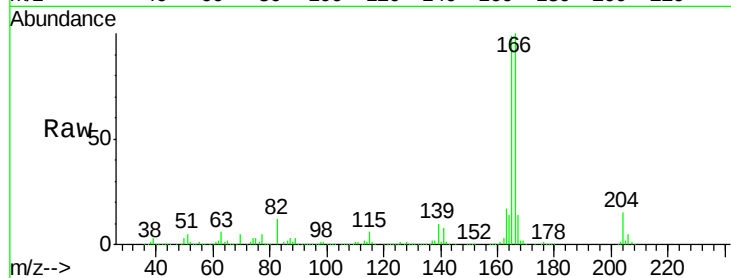
Tot Ion:166 Resp: 905796

Ion Ratio Lower Upper

166 100

165 99.1 79.8 119.8

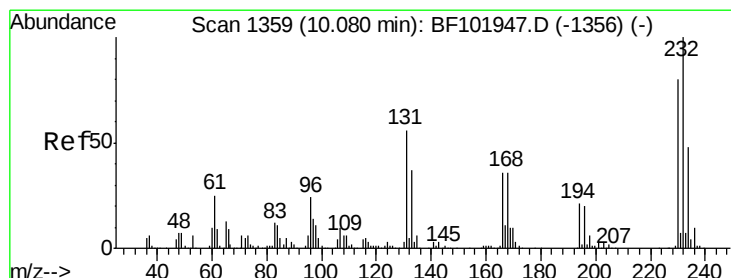
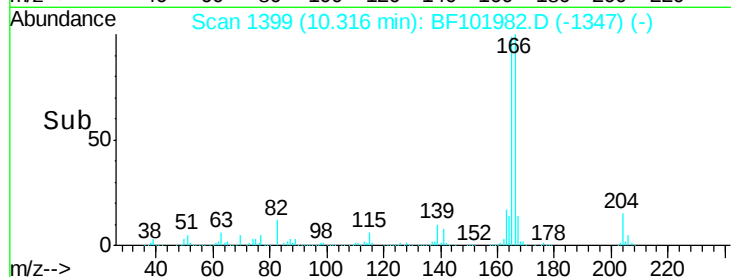
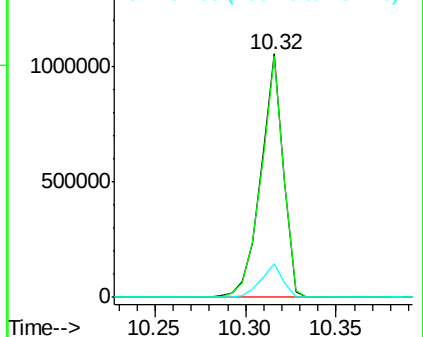
167 13.7 10.6 16.0



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: 38.011 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

Tgt Ion:232 Resp: 235896

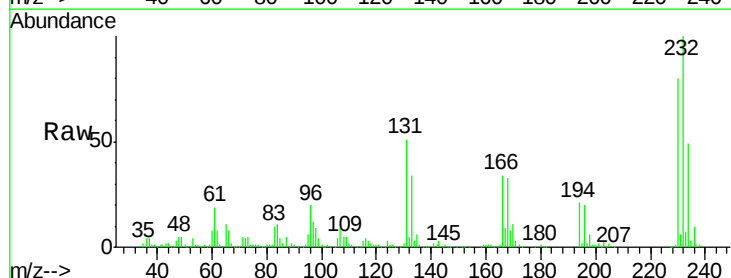
Ion Ratio Lower Upper

232 100

131 54.8 43.8 65.8

130 2.7 2.1 3.1

166 35.8 27.8 41.6

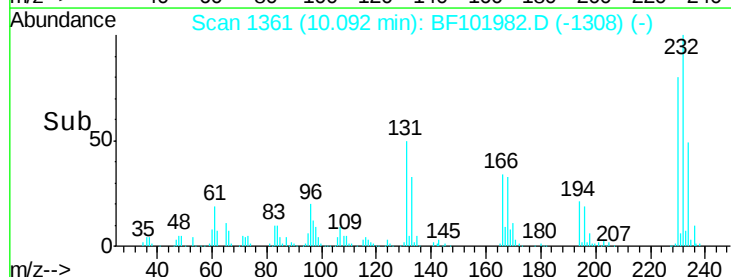
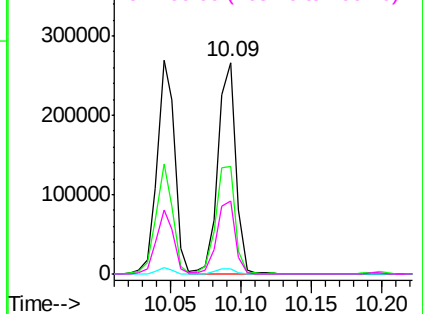


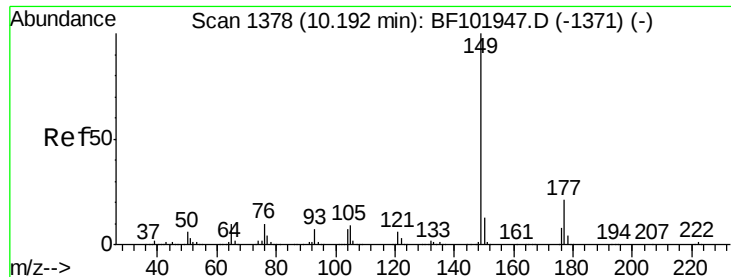
Abundance Ion 232.00 (231.70 to 232.70): E

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

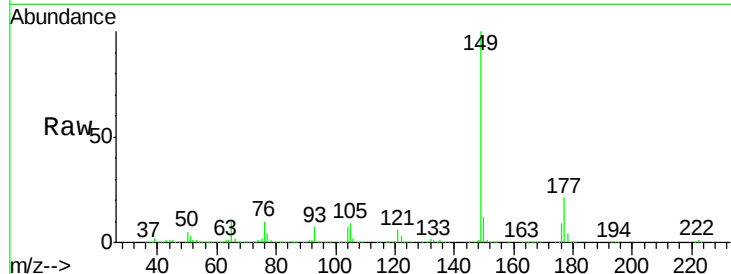




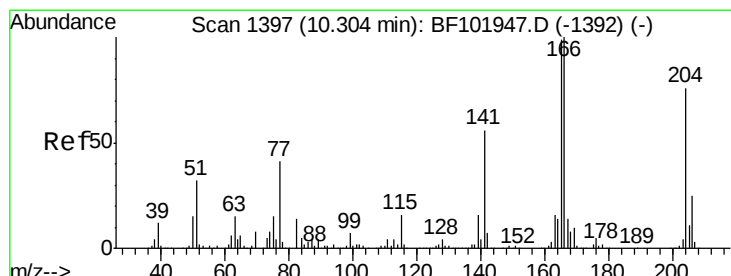
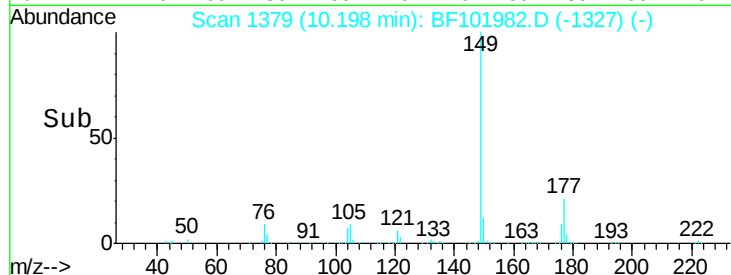
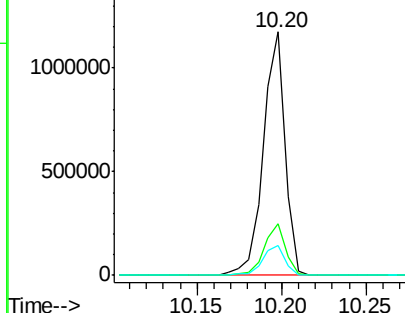
#59
Diethylphthalate
Concen: 32.973 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

Instrument :
BNA_F
ClientSampleId :
PB105555BS

Tot Ion:149 Resp: 1040922
Ion Ratio Lower Upper
149 100
177 21.1 16.1 24.1
150 12.4 10.1 15.1

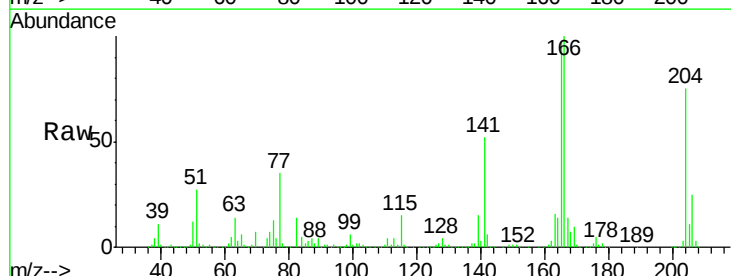


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

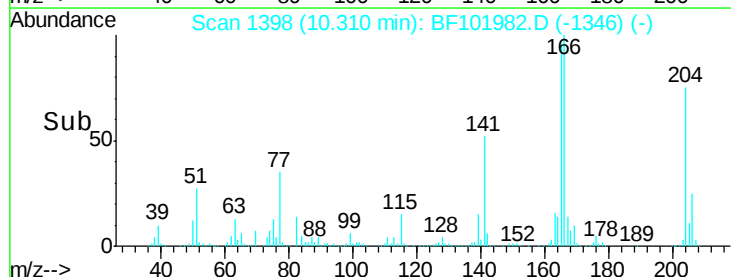
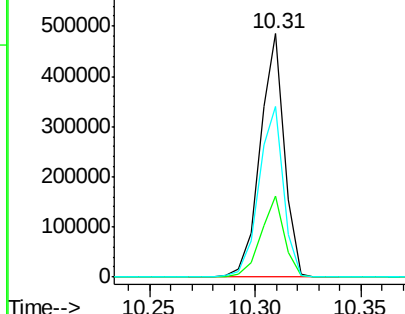


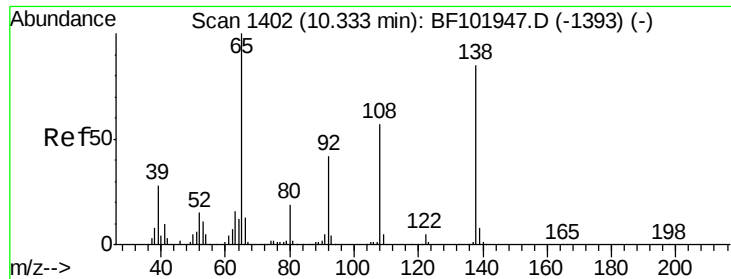
#60
4-Chlorophenyl-phenylether
Concen: 36.579 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

Tgt Ion:204 Resp: 385986
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 70.1 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: 30.814 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

Instrument :

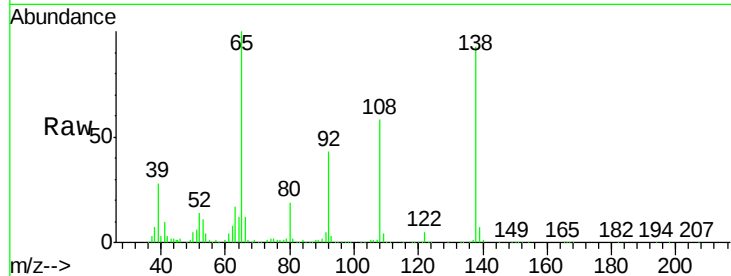
BNA_F

ClientSampleId :

PB105555BS

Tot Ion:138 Resp: 233969

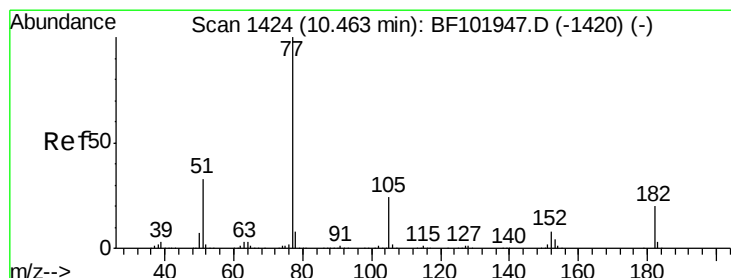
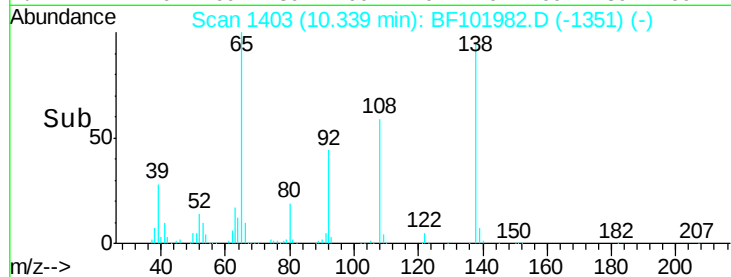
Ion	Ratio	Lower	Upper
138	100		
92	46.2	30.2	70.2
108	62.4	52.5	92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.264 ng

RT: 10.47 min Scan# 1425

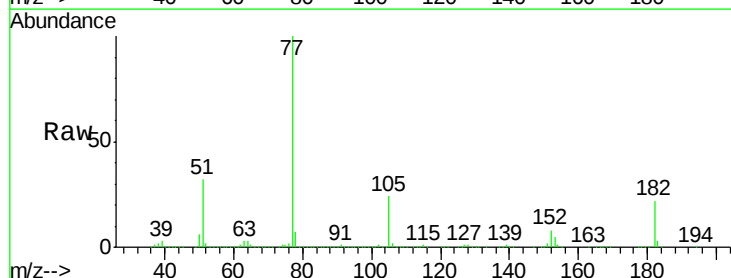
Delta R.T. 0.01 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

Tgt Ion: 77 Resp: 1076210

Ion	Ratio	Lower	Upper
77	100		
182	22.4	1.7	41.7
105	24.2	3.0	43.0
51	32.1	9.9	49.9

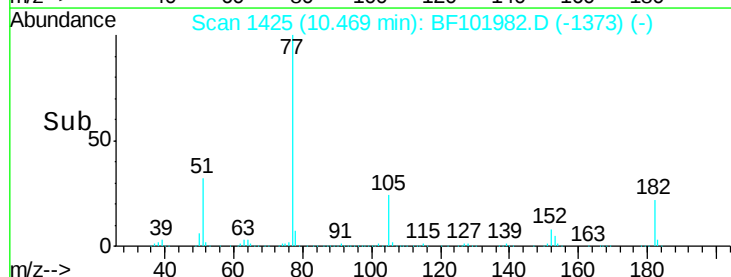


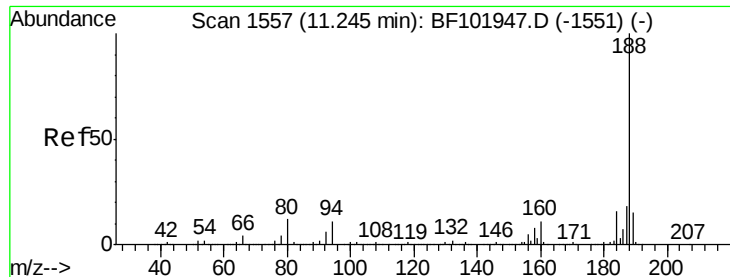
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

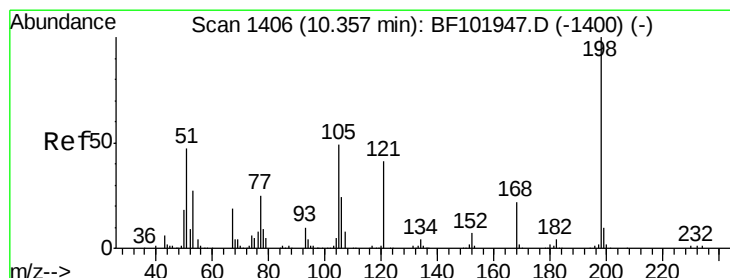
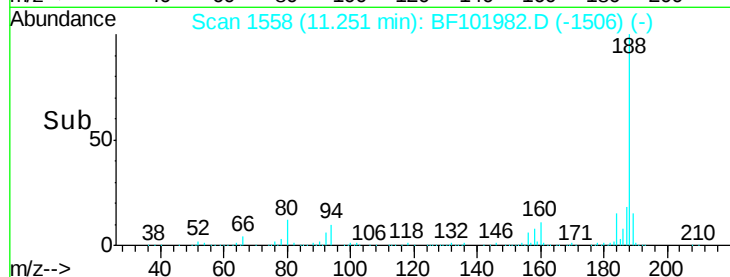
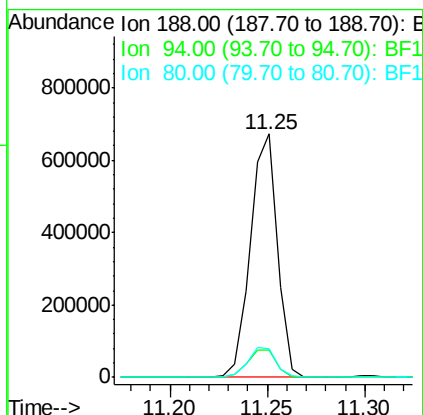
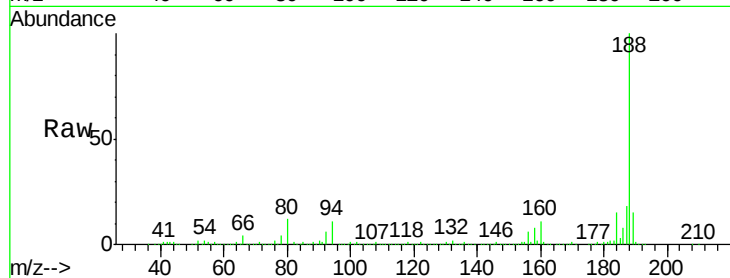




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

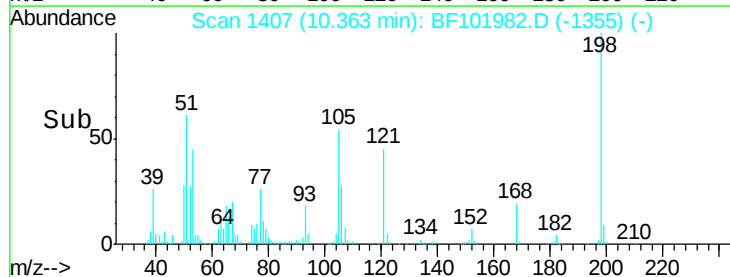
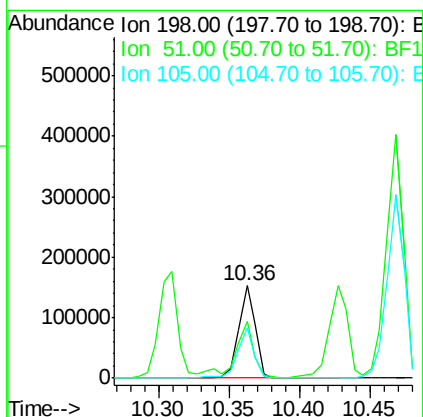
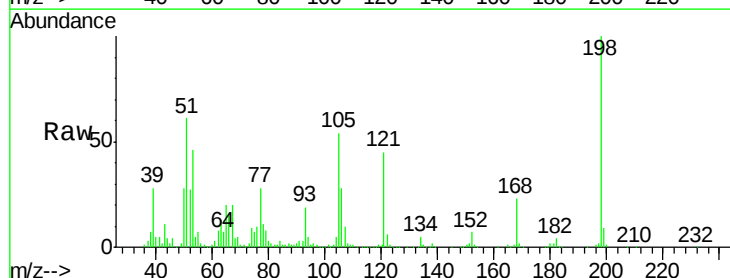
Instrument :
BNA_F
ClientSampleId :
PB105555BS

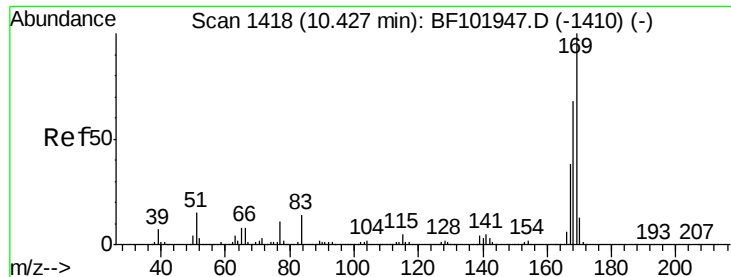
Tot Ion:188 Resp: 643517
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 36.981 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

Tgt Ion:198 Resp: 124099
Ion Ratio Lower Upper
198 100
51 61.4 37.7 77.7
105 53.8 36.3 76.3

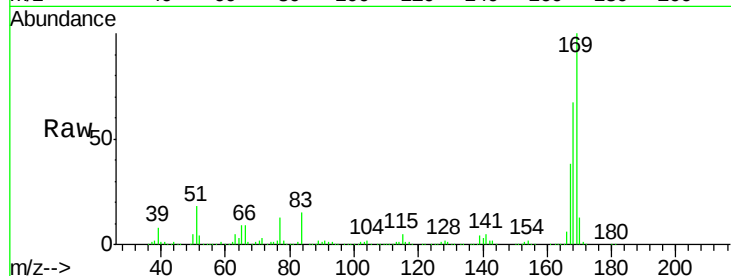




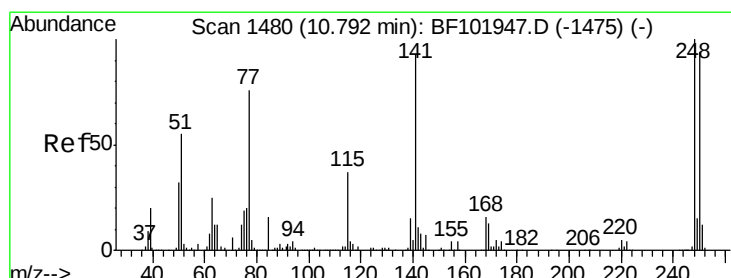
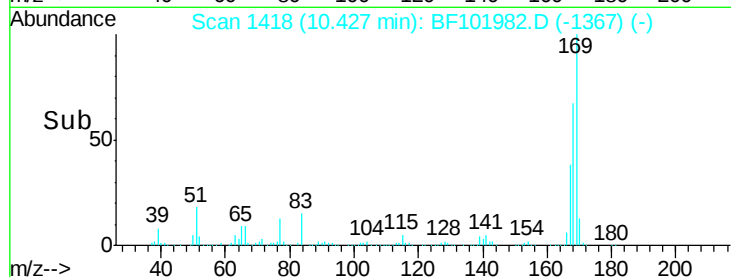
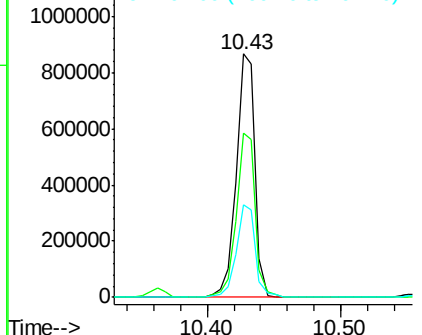
#65
n-Nitrosodiphenylamine
Concen: 35.087 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

Instrument :
BNA_F
ClientSampleId :
PB105555BS

Tot Ion:169 Resp: 845484
Ion Ratio Lower Upper
169 100
168 67.2 54.4 81.6
167 37.9 29.8 44.6

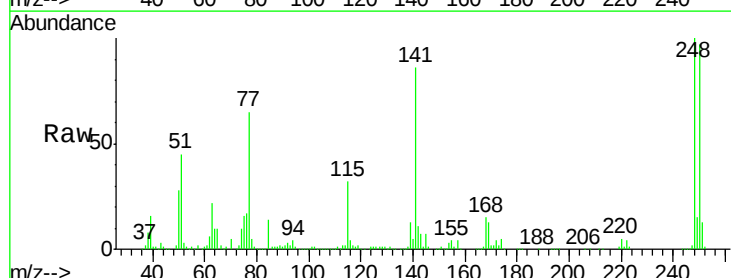


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

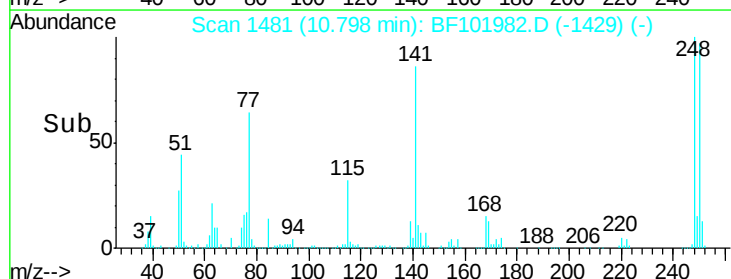
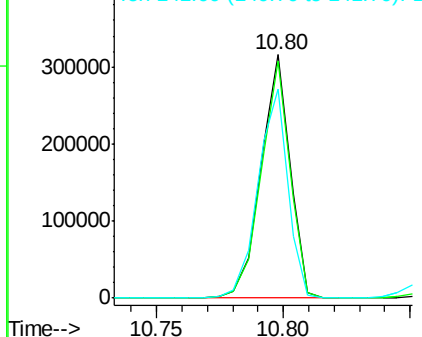


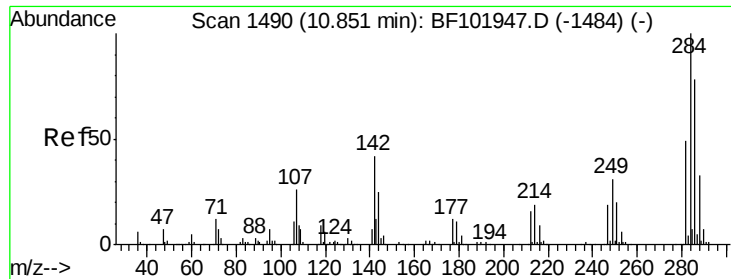
#66
4-Bromophenyl-phenylether
Concen: 37.615 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

Tgt Ion:248 Resp: 255623
Ion Ratio Lower Upper
248 100
250 97.4 76.9 115.3
141 85.8 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

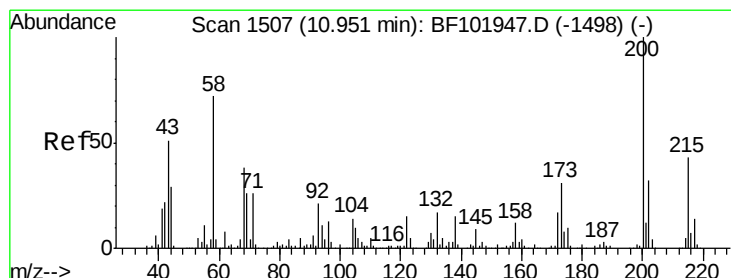
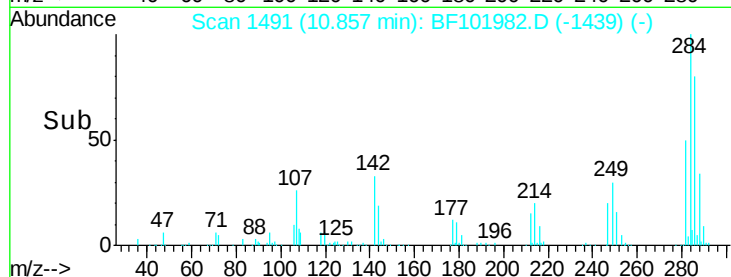
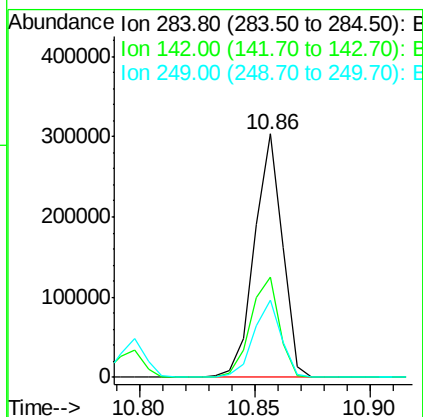
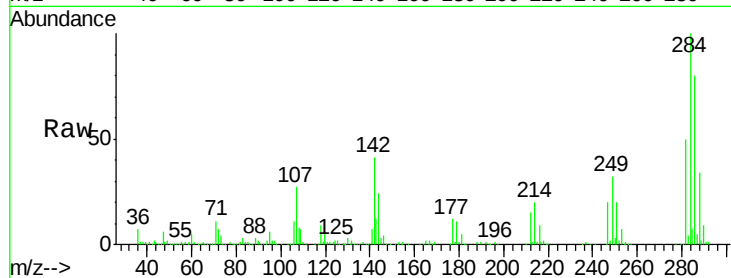




#67
Hexachlorobenzene
Concen: 34.681 ng
RT: 10.86 min Scan# 1491
Delta R.T. 0.01 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

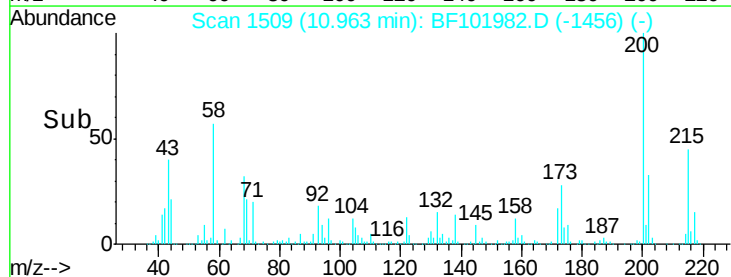
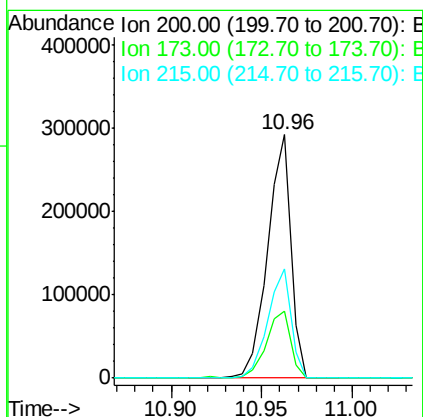
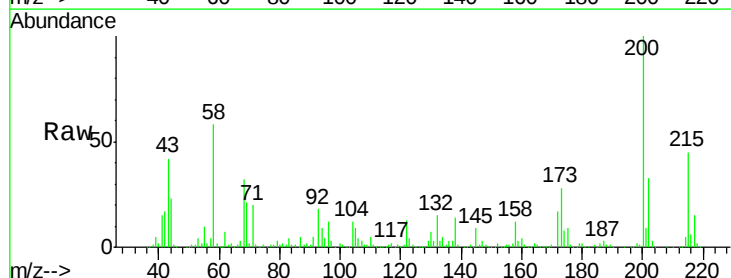
Instrument :
BNA_F
ClientSampleId :
PB105555BS

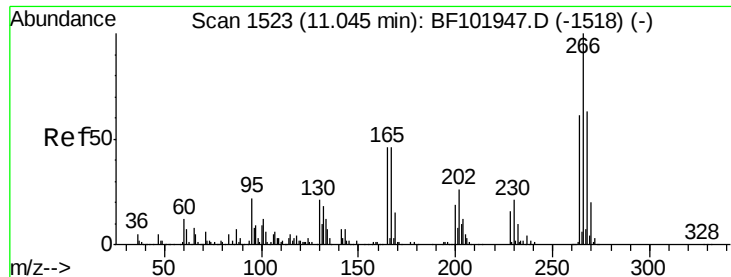
Tot Ion:284 Resp: 257300
Ion Ratio Lower Upper
284 100
142 41.1 34.6 52.0
249 31.8 24.8 37.2



#68
Atrazine
Concen: 37.379 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

Tgt Ion:200 Resp: 260305
Ion Ratio Lower Upper
200 100
173 27.8 8.6 48.6
215 44.7 25.1 65.1

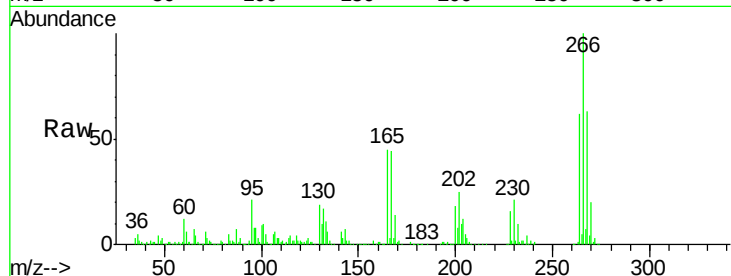




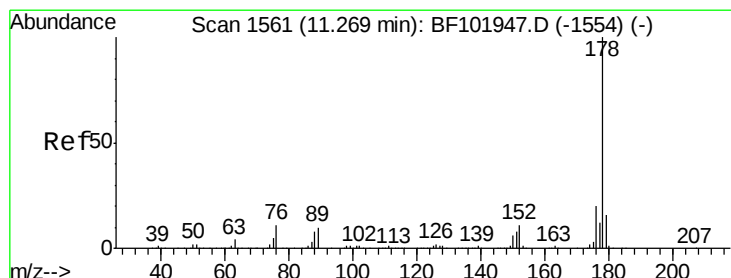
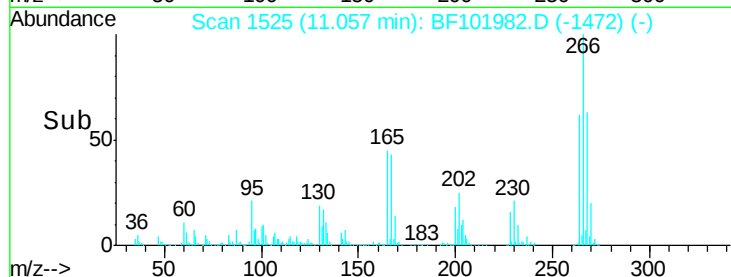
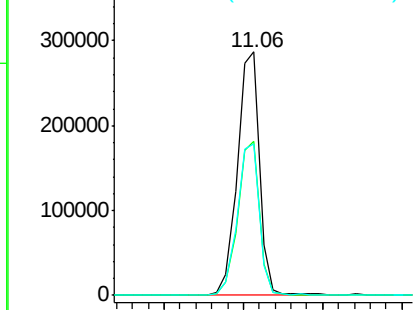
#69
 Pentachlorophenol
 Concen: 61.439 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. 0.01 min
 Lab File: BF101982.D
 Acq: 10 Jan 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB105555BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.1	76.7
264	62.0	49.5	74.3

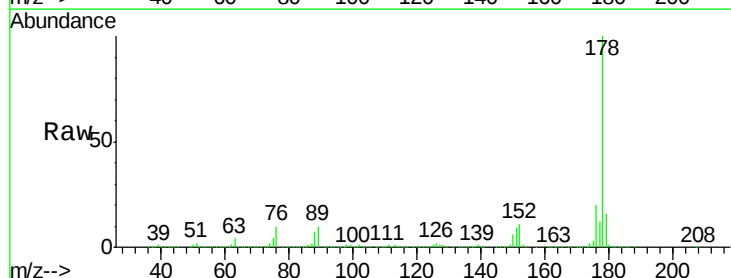


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

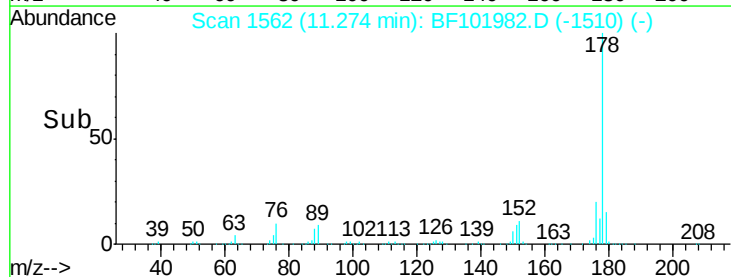
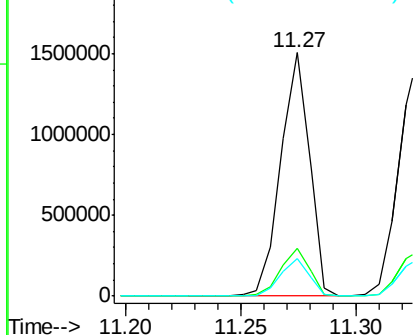


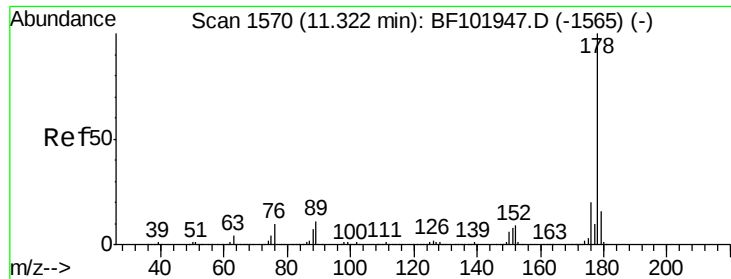
#70
 Phenanthrene
 Concen: 34.517 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. 0.01 min
 Lab File: BF101982.D
 Acq: 10 Jan 2018 16:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.6	13.0	19.6



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

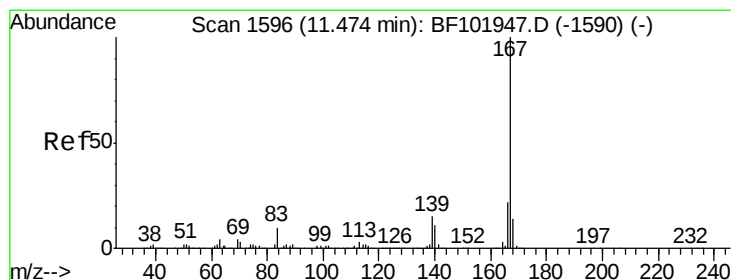
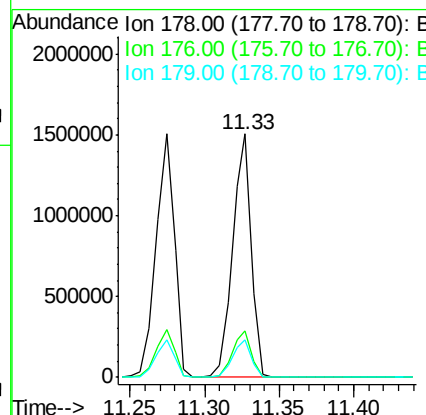
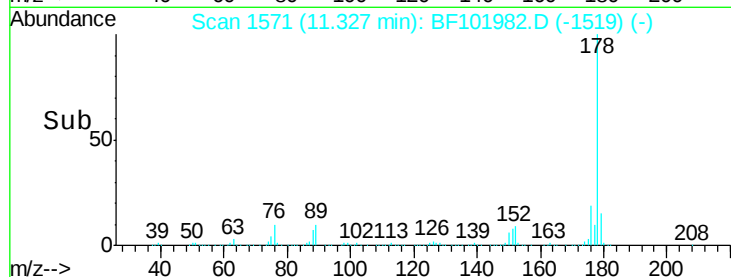
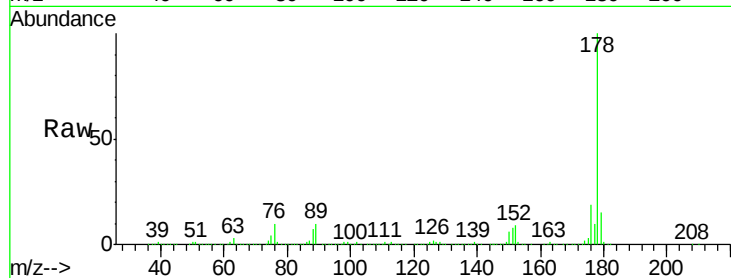




#71
 Anthracene
 Concen: 35.013 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: BF101982.D
 Acq: 10 Jan 2018 16:48

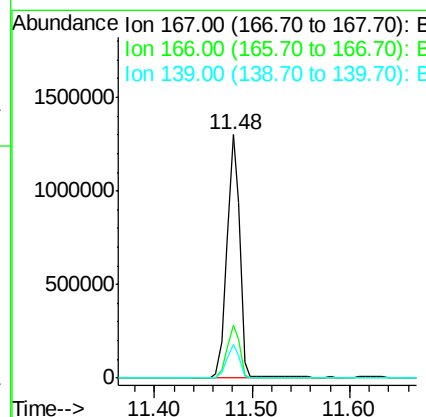
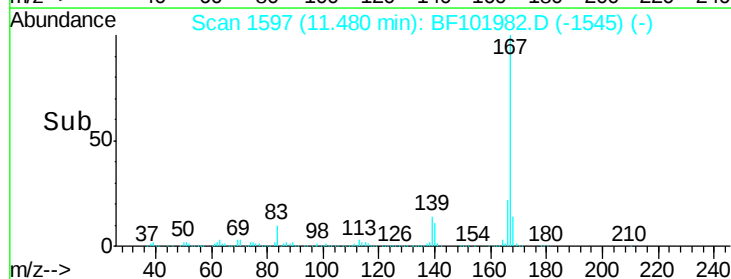
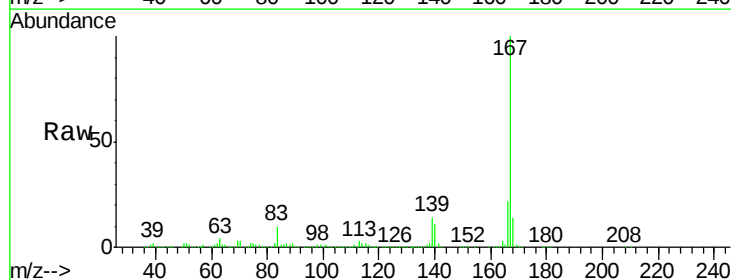
Instrument :
 BNA_F
 ClientSampleId :
 PB105555BS

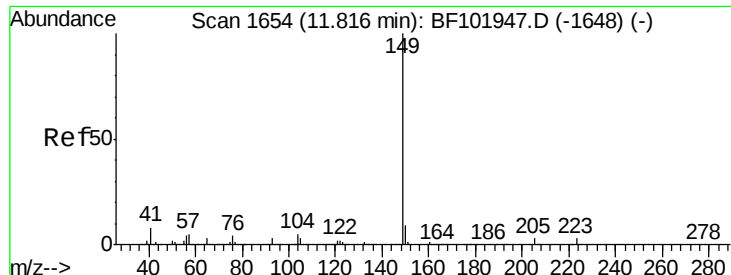
Tot Ion:178 Resp: 1334826
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 31.606 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF101982.D
 Acq: 10 Jan 2018 16:48

Tgt Ion:167 Resp: 1184329
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 14.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 34.285 ng

RT: 11.82 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

Instrument :

BNA_F

ClientSampleId :

PB105555BS

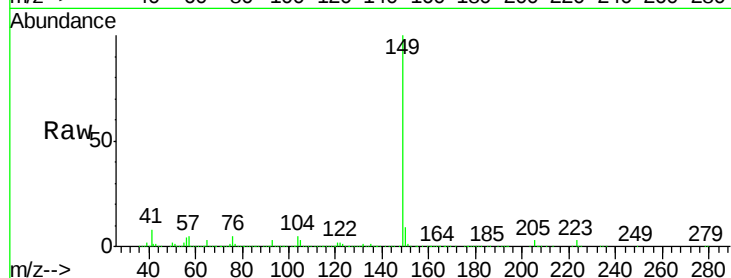
Tot Ion:149 Resp: 1576140

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

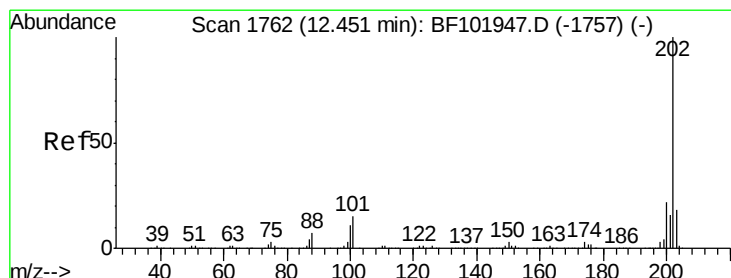
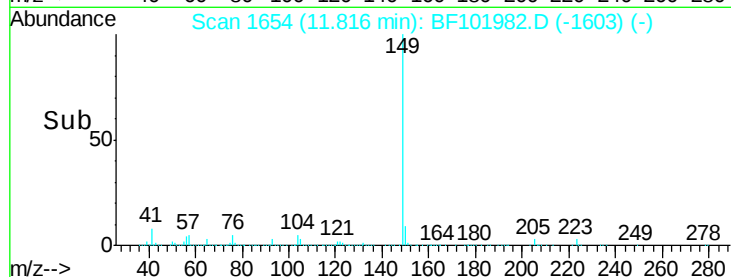
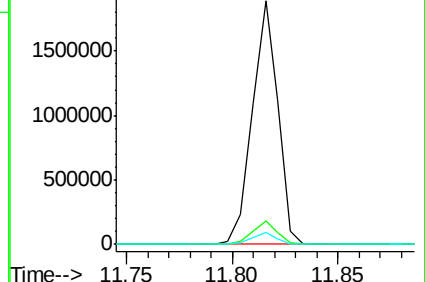
104 4.7 3.8 5.8



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: 33.206 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

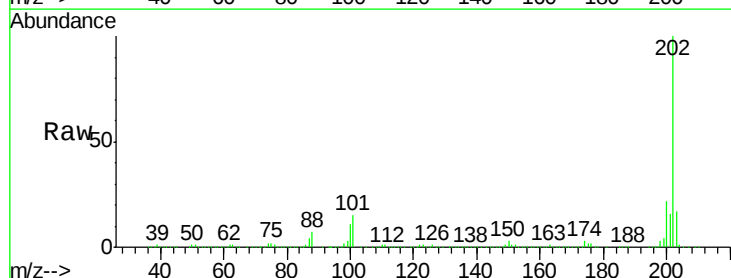
Tgt Ion:202 Resp: 1228070

Ion Ratio Lower Upper

202 100

101 15.4 0.0 34.1

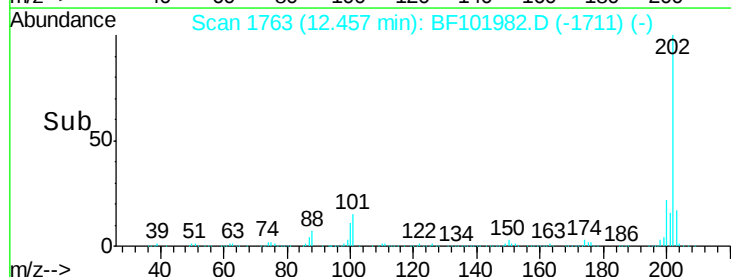
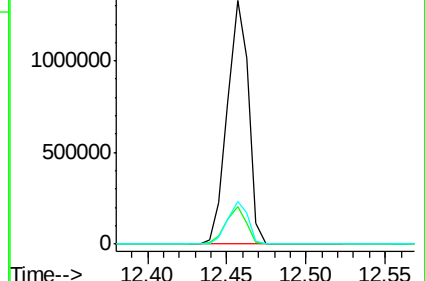
203 17.4 0.0 38.1

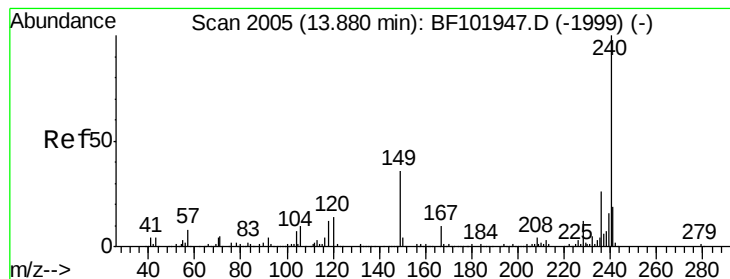


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

Instrument :

BNA_F

ClientSampleID :

PB105555BS

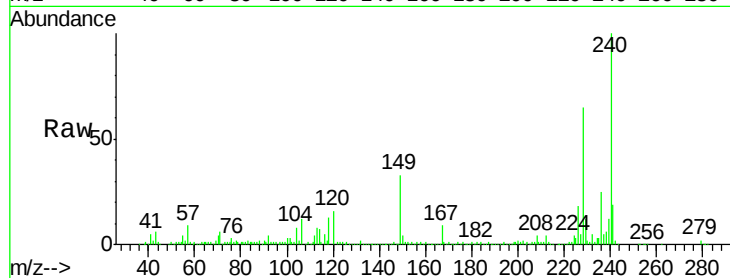
Tot Ion:240 Resp: 379293

Ion Ratio Lower Upper

240 100

120 16.2 9.5 14.3#

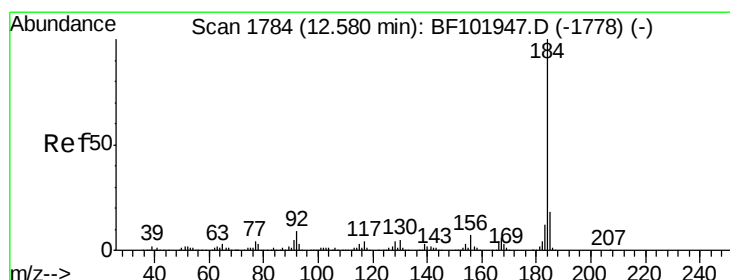
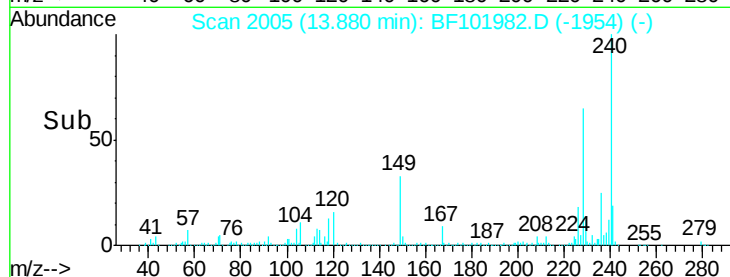
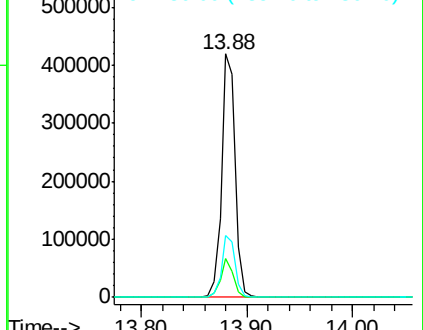
236 25.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.975 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.01 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

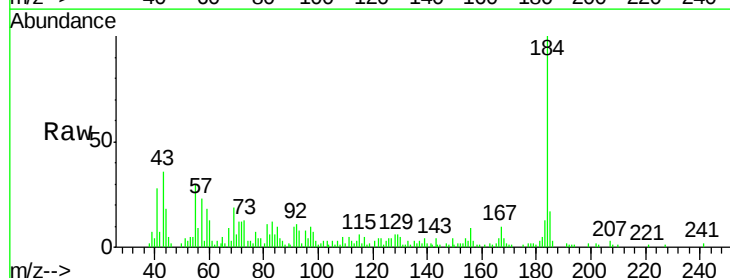
Tgt Ion:184 Resp: 54485

Ion Ratio Lower Upper

184 100

185 17.4 12.6 18.8

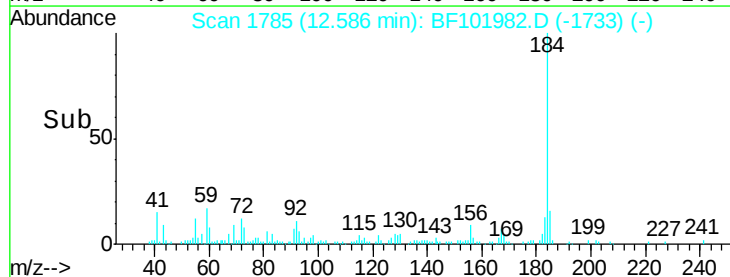
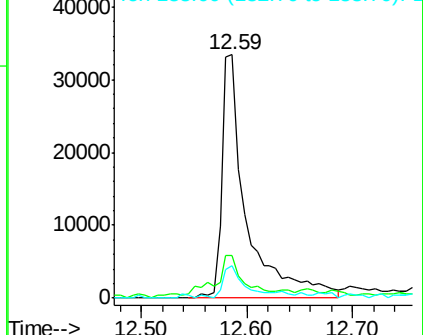
183 13.1 9.3 13.9

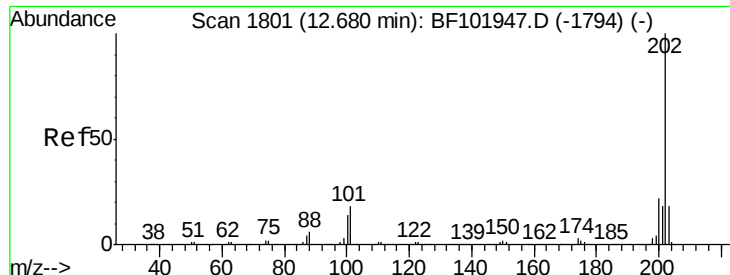


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

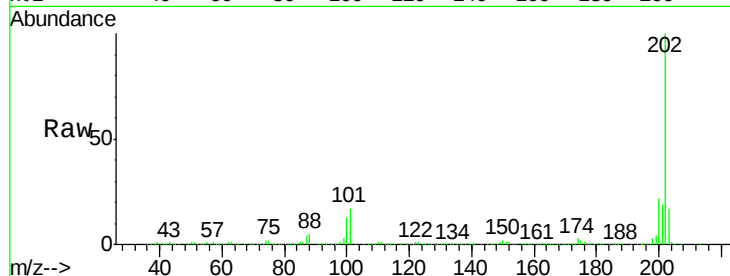




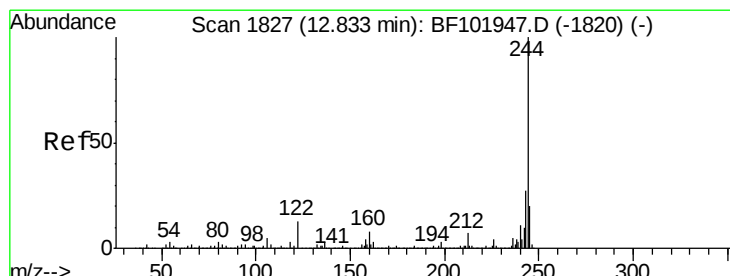
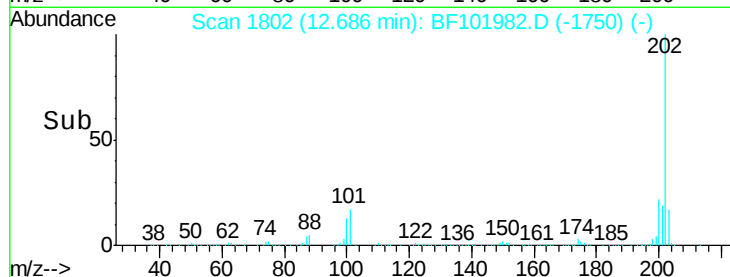
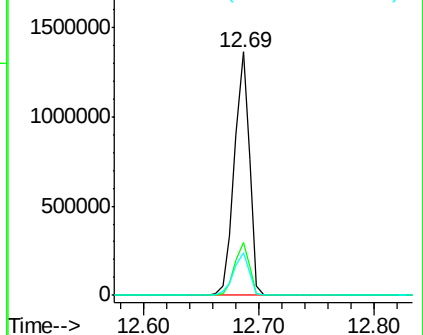
#77
Pvrene
Concen: 36.772 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

Instrument :
BNA_F
ClientSampleId :
PB105555BS

Tot Ion:202 Resp: 1232858
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.5 14.3 21.5

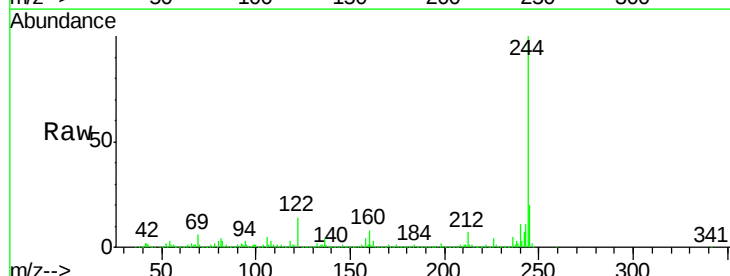


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

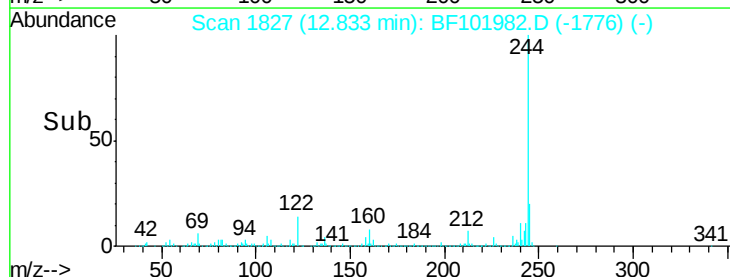
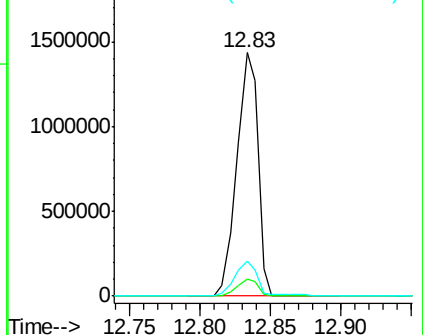


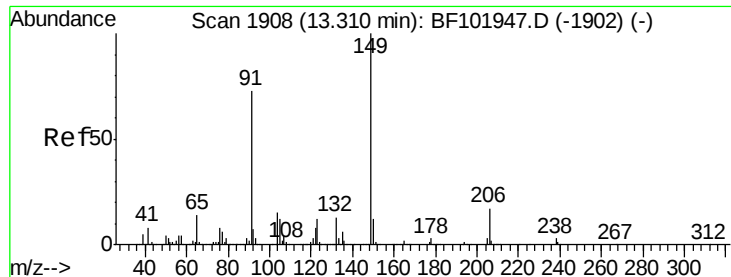
#78
Terphenyl-d14
Concen: 81.666 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

Tgt Ion:244 Resp: 1491879
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 14.4 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

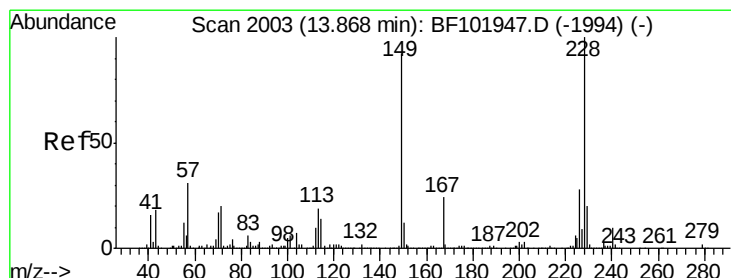
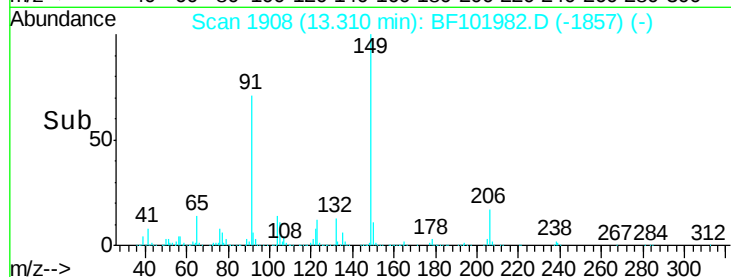
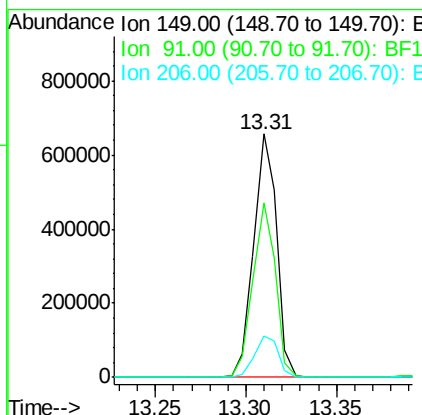
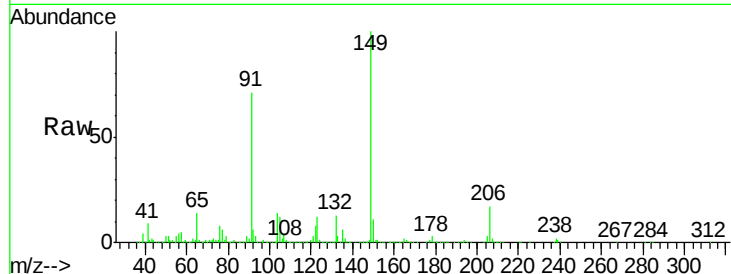




#79
Butylbenzylphthalate
Concen: 37.438 ng
RT: 13.31 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

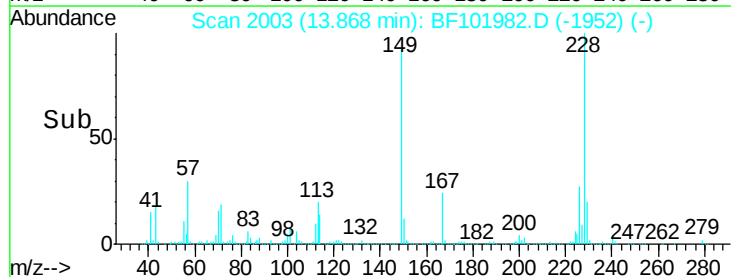
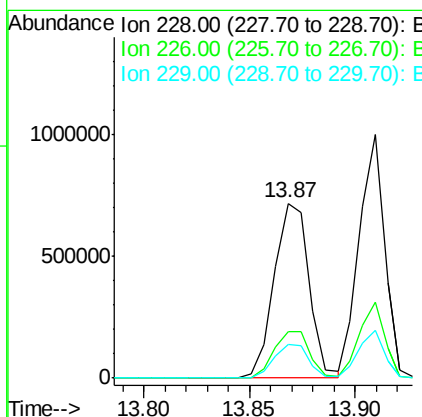
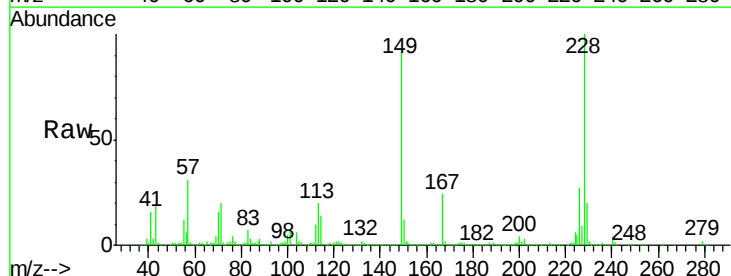
Instrument :
BNA_F
ClientSampleId :
PB105555BS

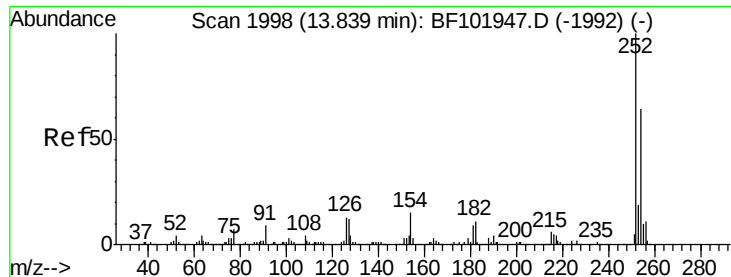
Tot Ion:149 Resp: 576031
Ion Ratio Lower Upper
149 100
91 71.5 56.8 85.2
206 17.2 14.1 21.1



#80
Benzo(a)anthracene
Concen: 34.139 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF101982.D
Acq: 10 Jan 2018 16:48

Tgt Ion:228 Resp: 826163
Ion Ratio Lower Upper
228 100
226 26.9 22.6 33.8
229 19.7 15.8 23.6

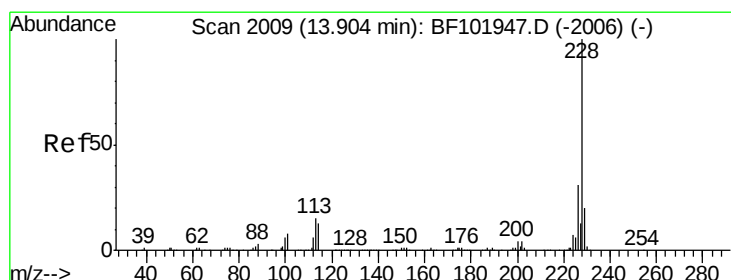
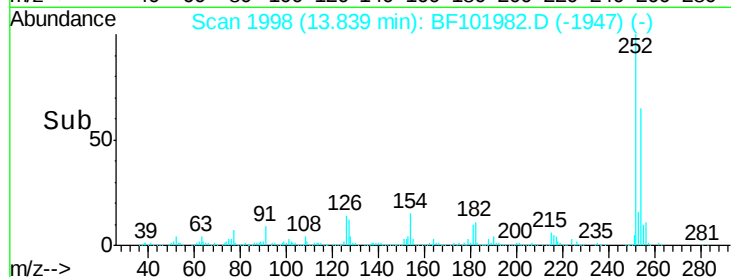
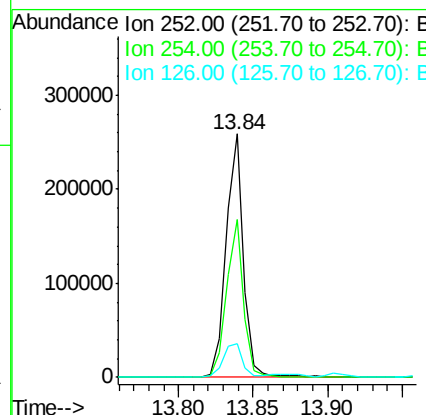
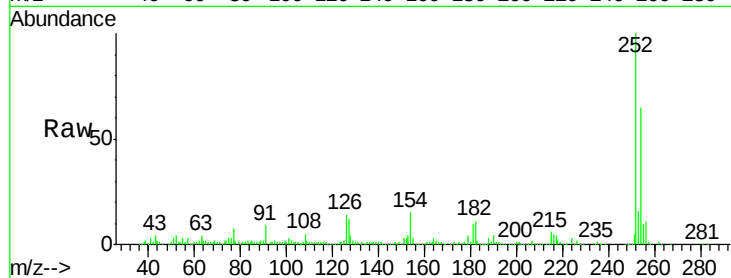




#81
 3,3'-Dichlorobenzidine
 Concen: 23.763 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BF101982.D
 Acq: 10 Jan 2018 16:48

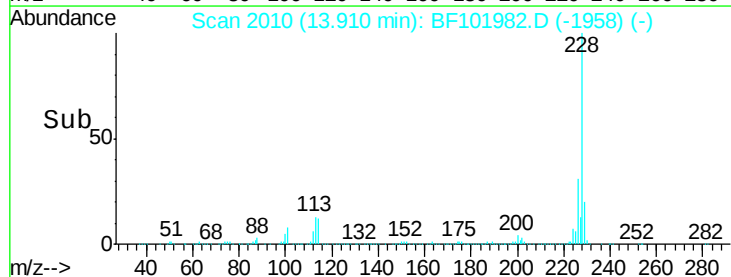
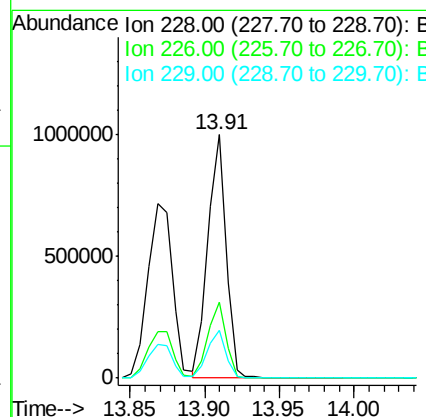
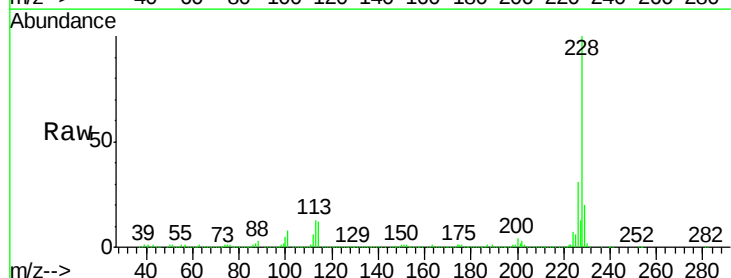
Instrument :
 BNA_F
 ClientSampleId :
 PB105555BS

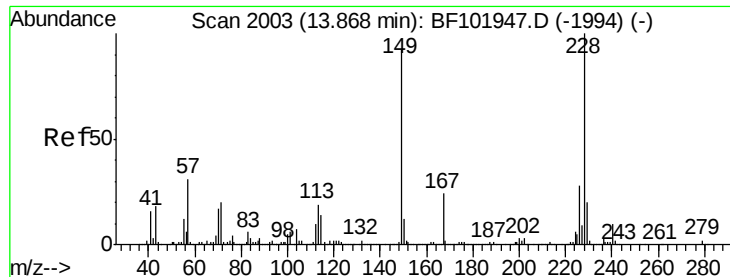
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.4	75.6
126	13.8	11.3	16.9



#82
 Chrysene
 Concen: 33.237 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. 0.01 min
 Lab File: BF101982.D
 Acq: 10 Jan 2018 16:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	19.5	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.529 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

Instrument :

BNA_F

ClientSampleId :

PB105555BS

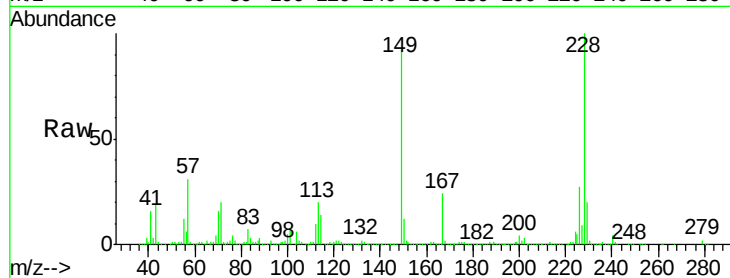
Tot Ion:149 Resp: 627107

Ion Ratio Lower Upper

149 100

167 25.8 21.3 31.9

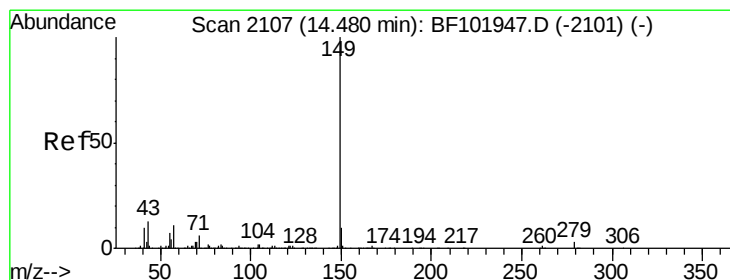
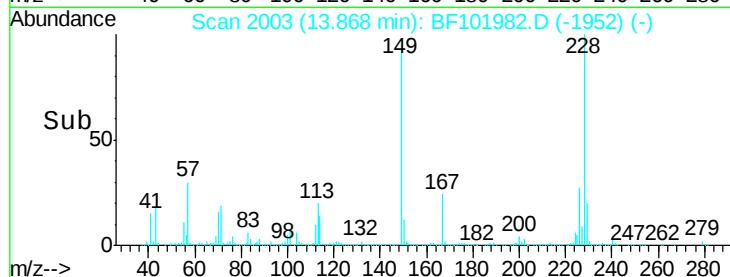
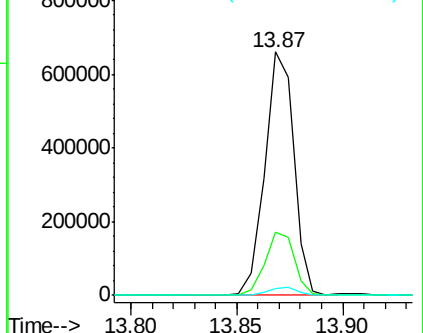
279 2.6 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.750 ng

RT: 14.48 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

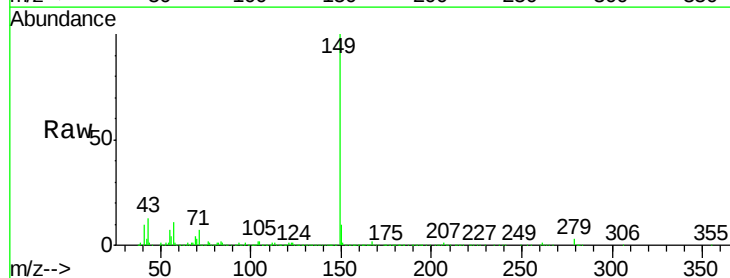
Tgt Ion:149 Resp: 1105675

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

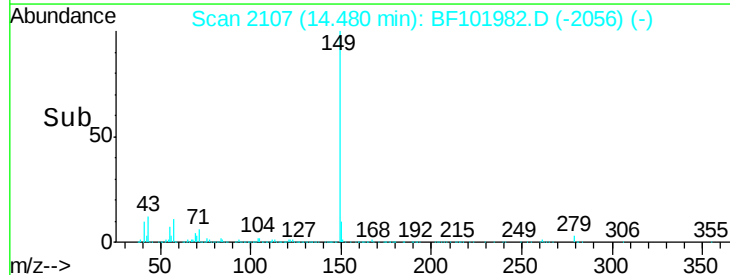
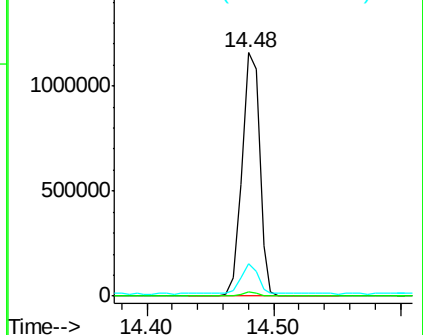
43 11.8 8.4 12.6

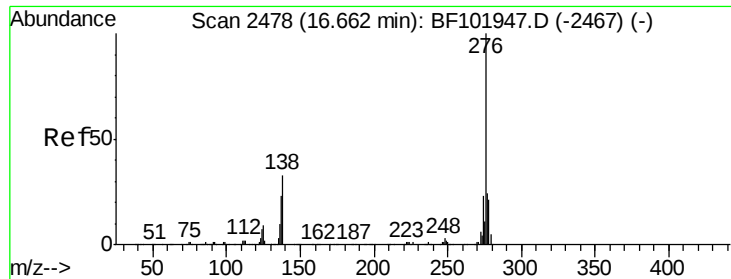


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

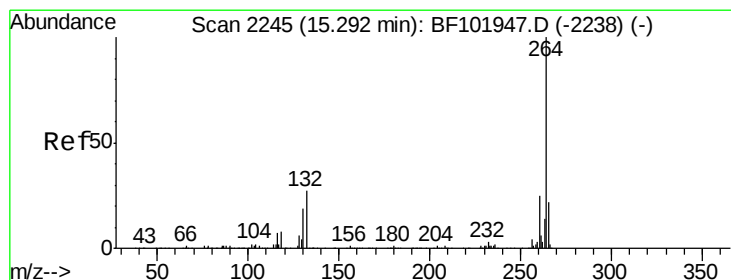
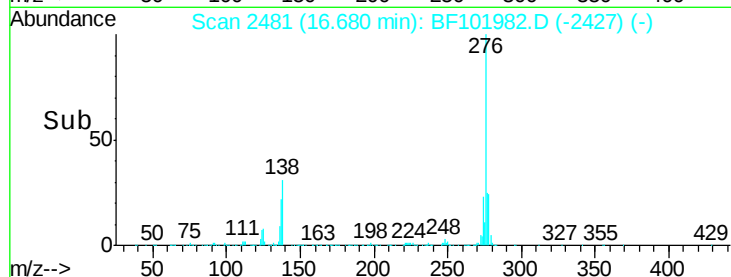
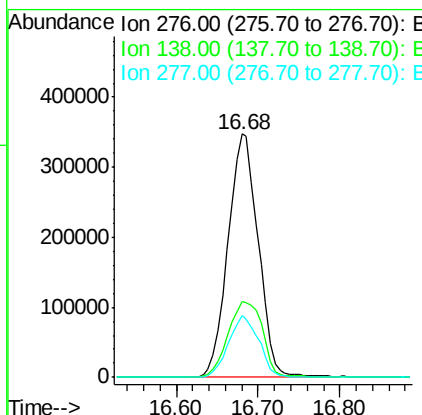
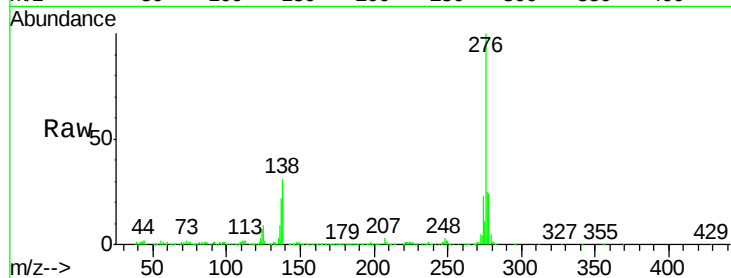




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.656 ng
 RT: 16.68 min Scan# 2481
 Delta R.T. 0.02 min
 Lab File: BF101982.D
 Acq: 10 Jan 2018 16:48

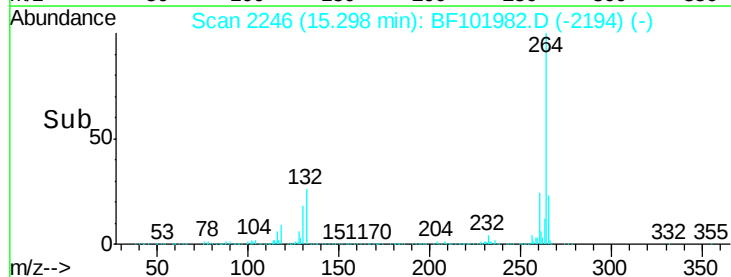
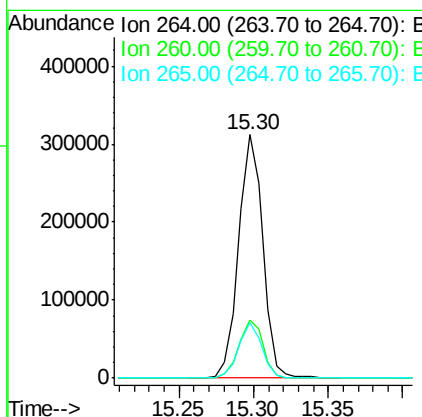
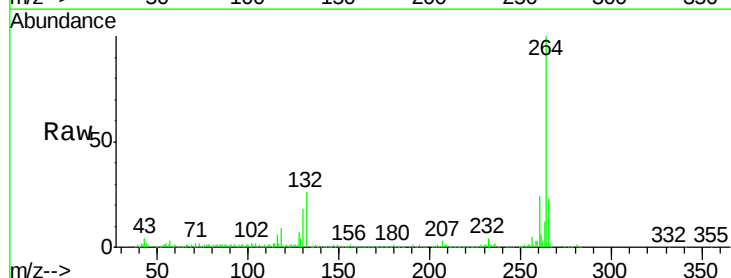
Instrument :
 BNA_F
 ClientSampleId :
 PB105555BS

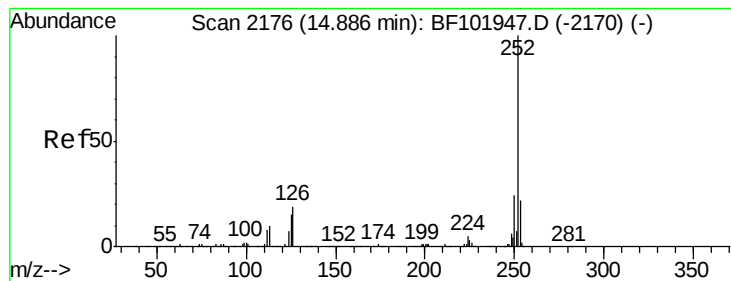
Tot Ion:276 Resp: 893630
 Ion Ratio Lower Upper
 276 100
 138 35.4 25.0 37.6
 277 25.4 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF101982.D
 Acq: 10 Jan 2018 16:48

Tgt Ion:264 Resp: 353569
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 22.8 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 34.370 ng

RT: 14.89 min Scan# 2177

Delta R.T. 0.01 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

Instrument :

BNA_F

ClientSampleId :

PB105555BS

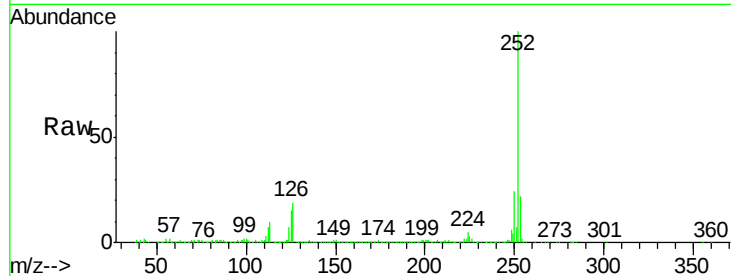
Tot Ion:252 Resp: 792355

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

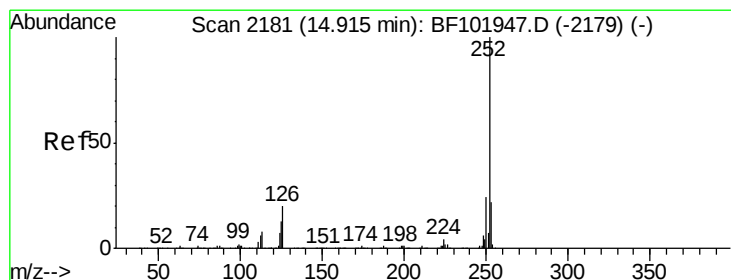
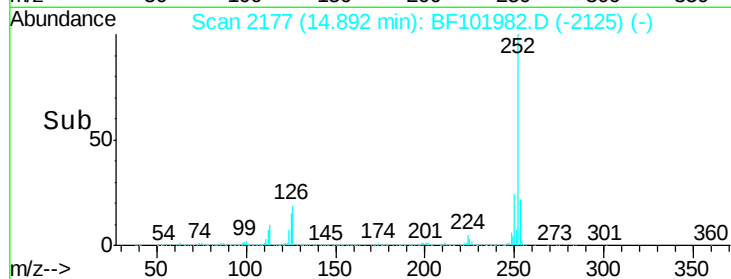
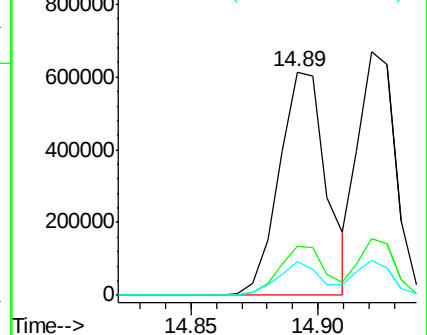
125 15.0 9.0 13.6#



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: 31.280 ng

RT: 14.92 min Scan# 2182

Delta R.T. 0.01 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

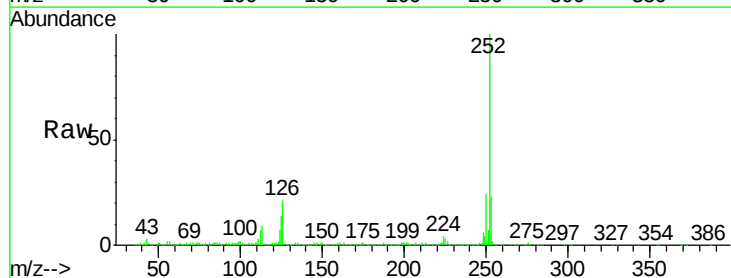
Tgt Ion:252 Resp: 695659

Ion Ratio Lower Upper

252 100

253 23.4 17.9 26.9

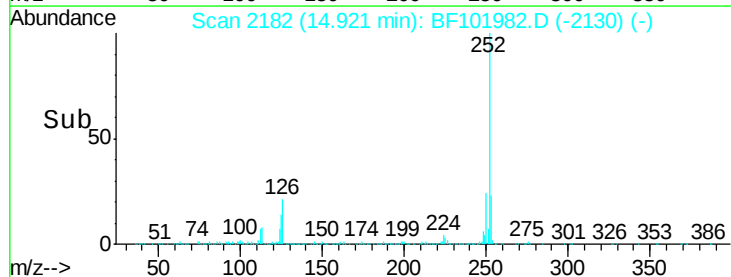
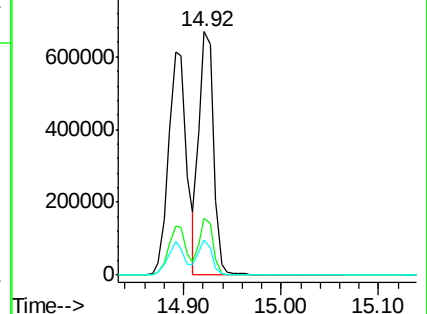
125 14.1 10.2 15.2

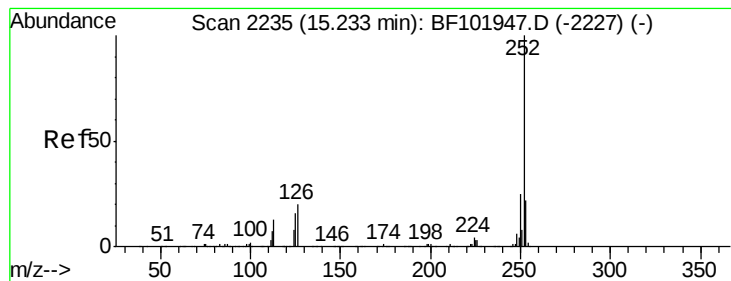


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 35.783 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

Instrument :

BNA_F

ClientSampleId :

PB105555BS

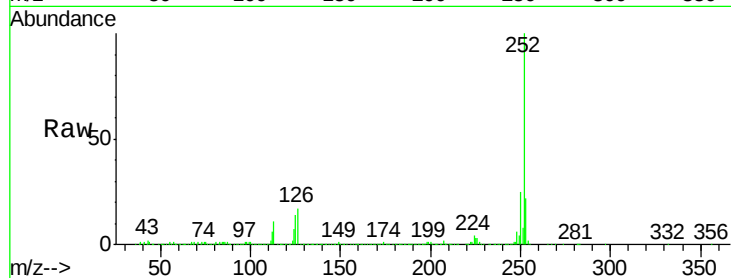
Tot Ion:252 Resp: 742333

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

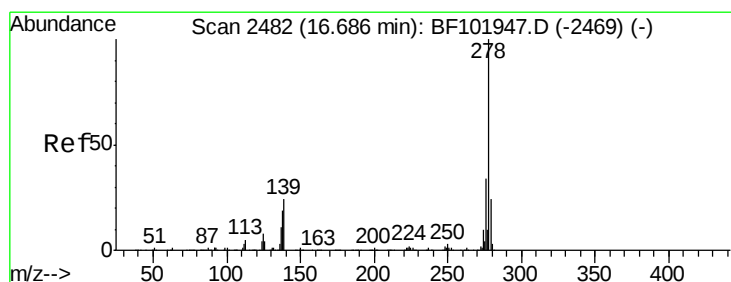
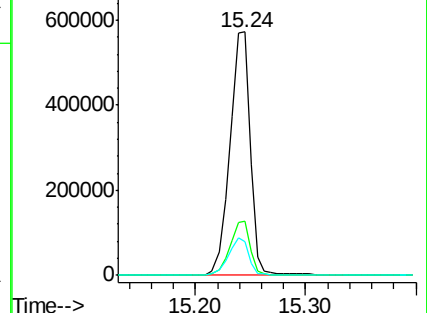
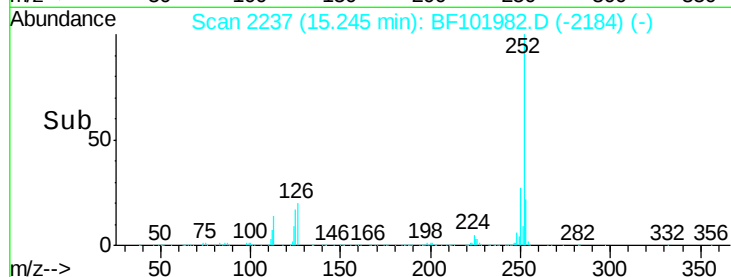
125 13.9 9.8 14.6



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: 44.553 ng

RT: 16.70 min Scan# 2485

Delta R.T. 0.02 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

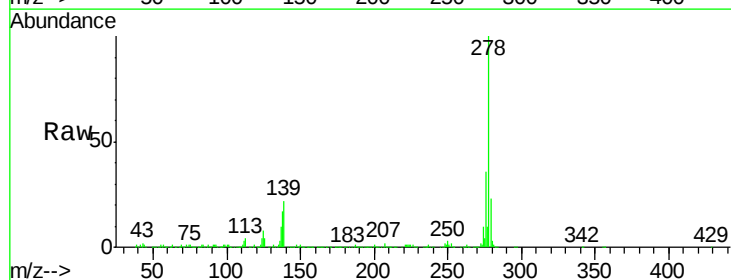
Tgt Ion:278 Resp: 737578

Ion Ratio Lower Upper

278 100

139 21.7 15.9 23.9

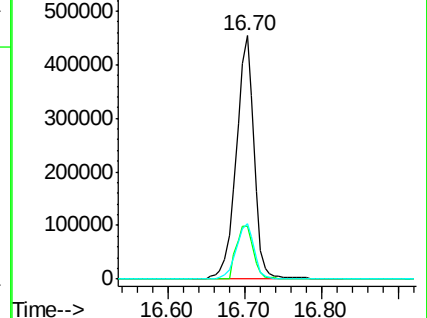
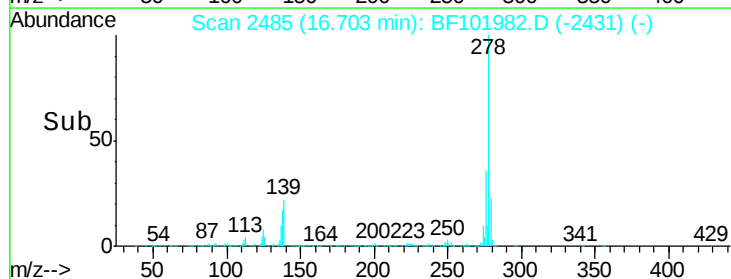
279 22.9 19.0 28.4

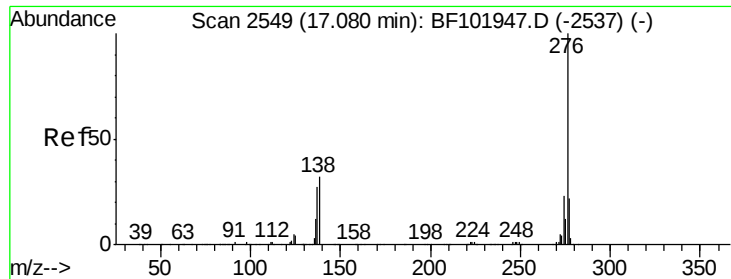


Abundance Ion 278.00 (277.70 to 278.70): E

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: 47.417 ng

RT: 17.10 min Scan# 2553

Delta R.T. 0.02 min

Lab File: BF101982.D

Acq: 10 Jan 2018 16:48

Instrument :

BNA_F

ClientSampleId :

PB105555BS

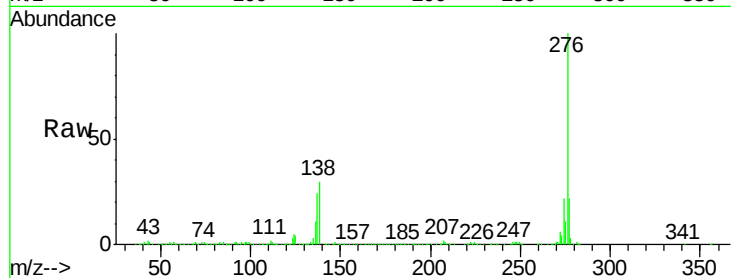
Tot Ion:276 Resp: 790750

Ion Ratio Lower Upper

276 100

277 22.5 17.9 26.9

138 30.2 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

