

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102156.D
 Acq On : 17 Jan 2018 18:06
 Operator : SJ/JU
 Sample : J1152-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 18 01:07:50 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	151572	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	619938	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	269477	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	407040	20.00	ng	0.00
75) Chrysene-d12	13.87	240	261654	20.00	ng	0.00
86) Perylene-d12	15.28	264	276399	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1085774	101.15	ng	0.01
7) Phenol-d6	6.36	99	1285111	100.35	ng	0.00
23) Nitrobenzene-d5	7.29	82	820467	77.77	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	268408	114.13	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1242634	72.04	ng	0.00
78) Terphenyl-d14	12.82	244	841674	66.79	ng	0.00

Target Compounds

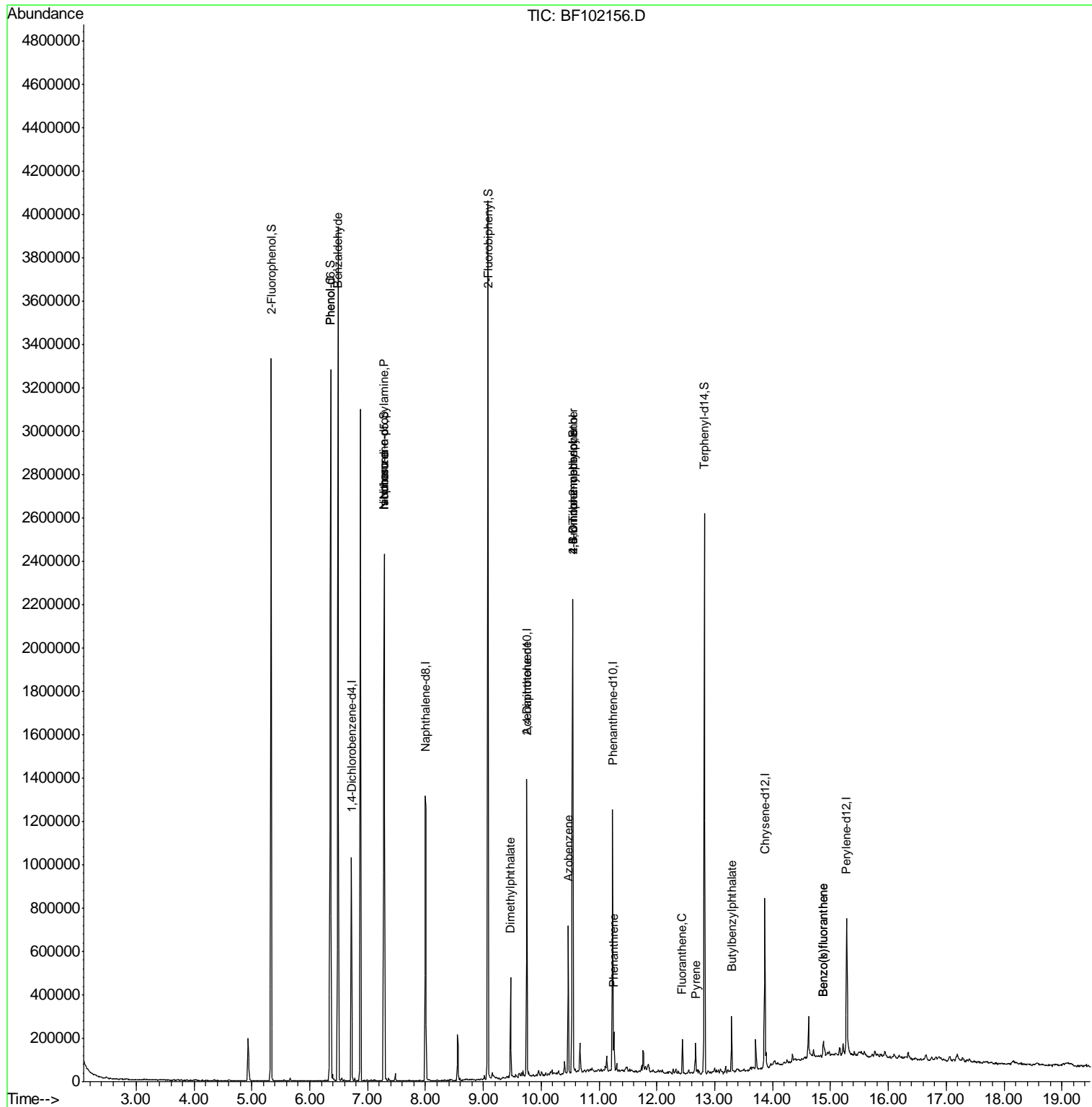
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.49	77	25447	2.862	ng	83
10) Phenol	6.37	94	61075	4.220	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	109224	13.014	ng	# 80
25) Isophorone	7.29	82	817713	39.228	ng	# 64
49) Dimethylphthalate	9.47	163	174364	8.066	ng	99
56) 2,4-Dinitrotoluene	9.75	165	35032	6.473	ng	# 23
62) Azobenzene	10.47	77	105506	4.931	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.54	198	631	5.914	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	17359	4.038	ng	# 1
70) Phenanthrene	11.26	178	55245	2.324	ng	98
74) Fluoranthene	12.44	202	61569	2.632	ng	99
77) Pyrene	12.67	202	51690	2.235	ng	98
79) Butylbenzylphthalate	13.29	149	56119	5.287	ng	98
87) Benzo(b)fluoranthene	14.87	252	45071	2.501	ng	# 91
88) Benzo(k)fluoranthene	14.87	252	45071	2.592	ng	# 93

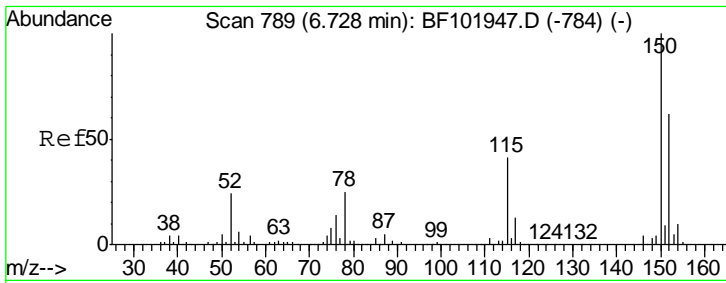
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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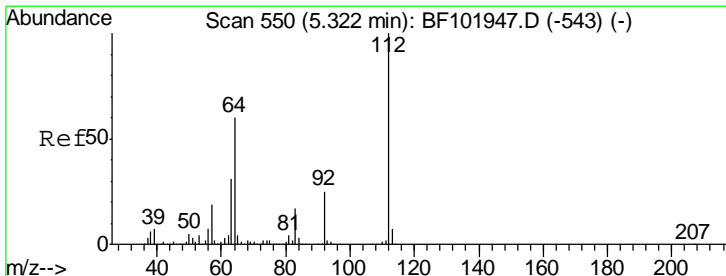
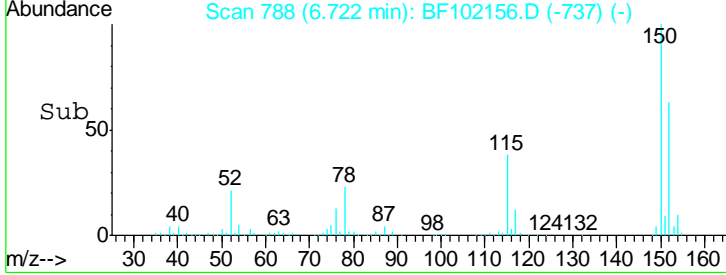
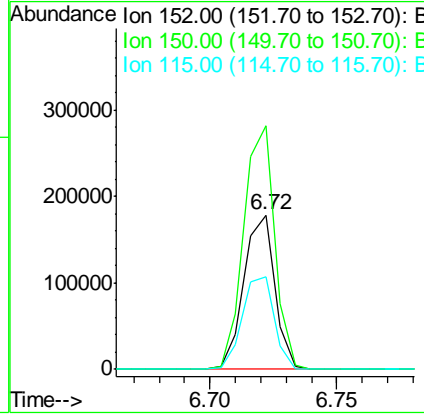
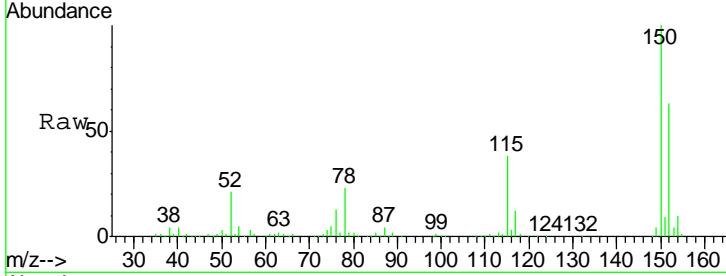




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

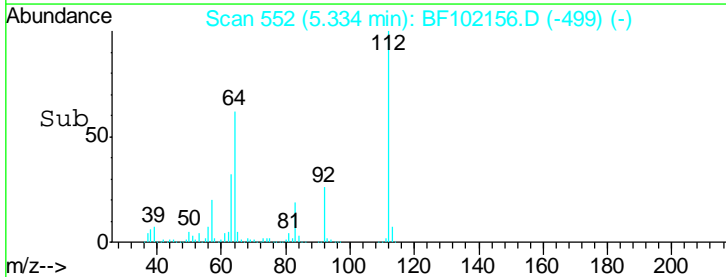
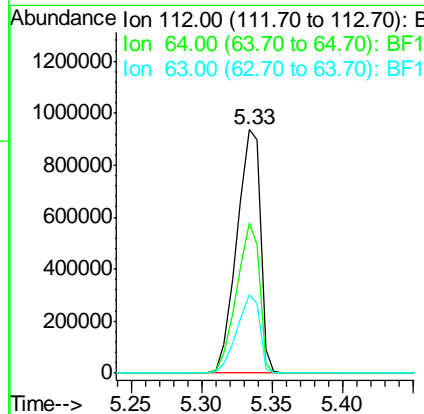
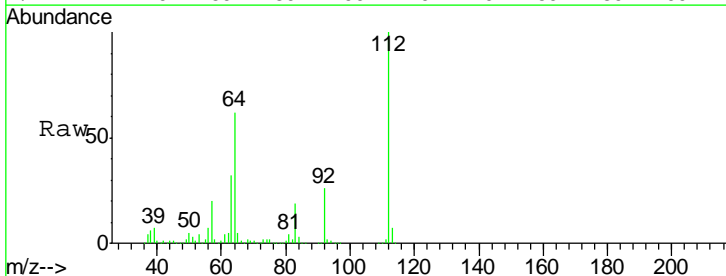
Instrument :
 BNA_F
 ClientSampled :

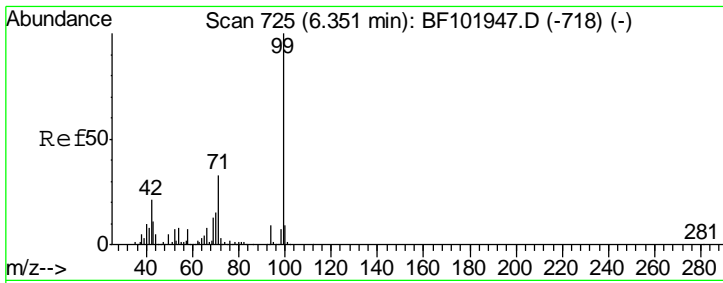
Tgt Ion	Resp	Lower	Upper
152	151572		
150	158.1	124.6	186.8
115	60.3	50.1	75.1



#5
 2-Fluorophenol
 Concen: 101.153 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

Tgt Ion	Resp	Lower	Upper
112	1085774		
64	61.6	47.9	71.9
63	32.5	23.7	35.5

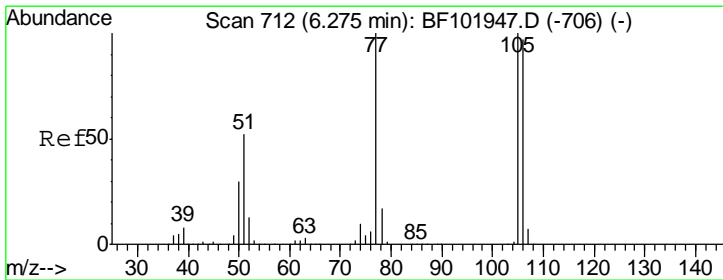
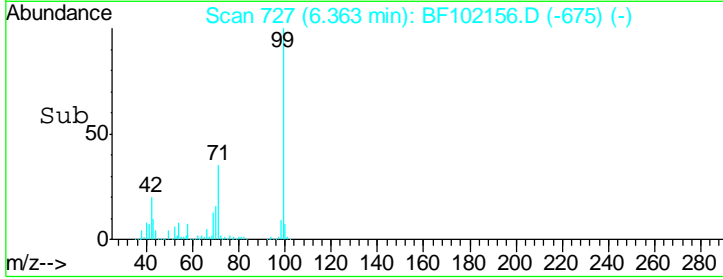
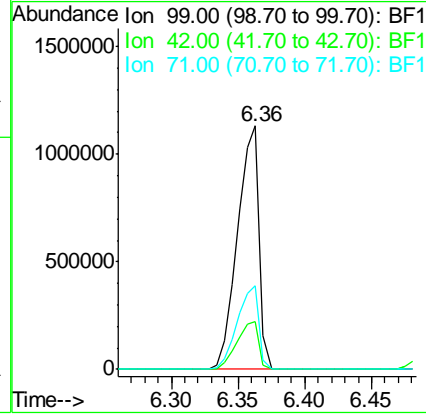
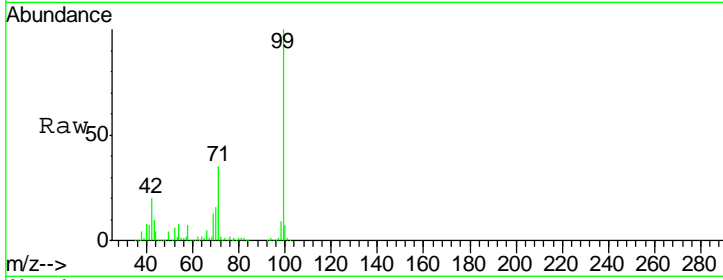




#7
 Phenol-d6
 Concen: 100.347 ng
 RT: 6.36 min Scan# 727
 Delta R.T. 0.01 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

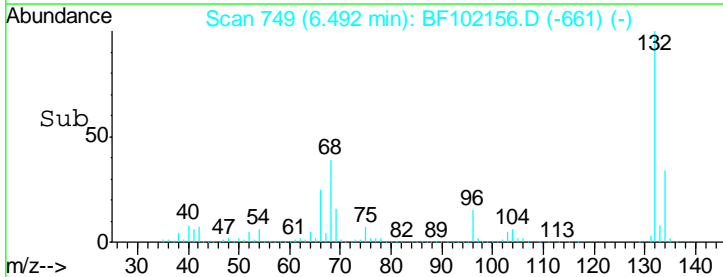
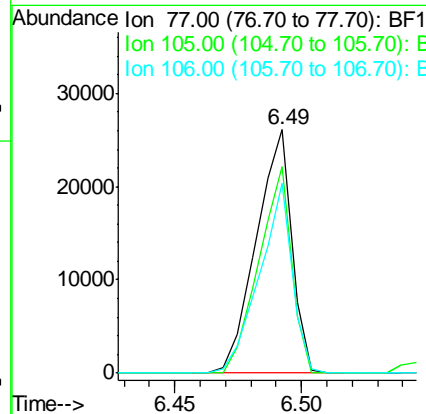
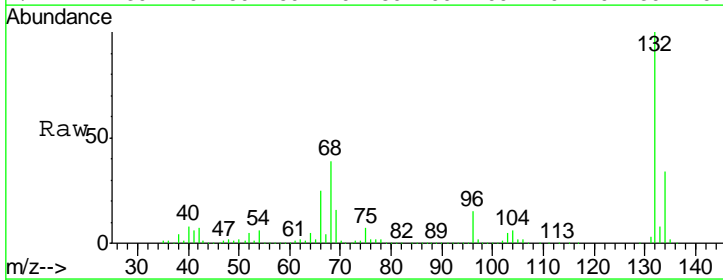
Instrument :
 BNA_F
 ClientSampled :

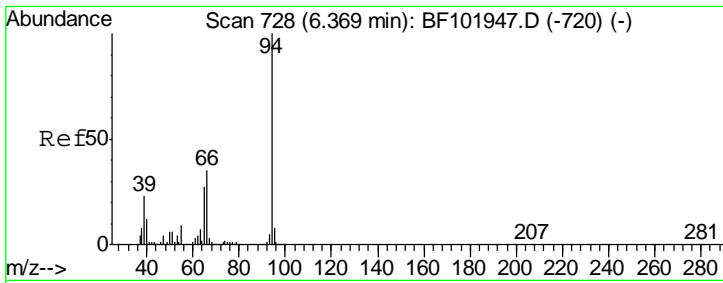
Tgt Ion	Resp	Lower	Upper
99	1285111		
42	19.6	14.5	21.7
71	34.5	25.4	38.0



#9
 Benzaldehyde
 Concen: 2.862 ng
 RT: 6.49 min Scan# 749
 Delta R.T. 0.22 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

Tgt Ion	Resp	Lower	Upper
77	25447		
105	84.9	81.1	121.1
106	78.0	74.5	114.5

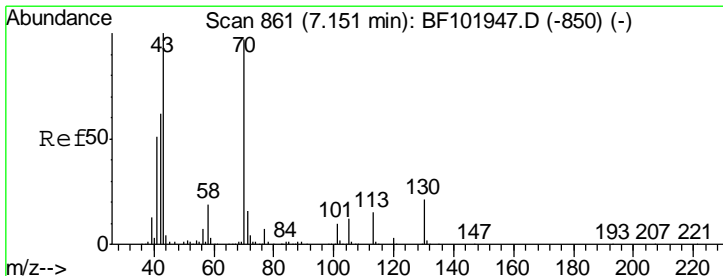
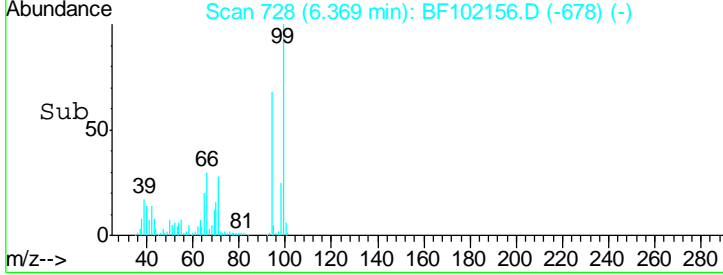
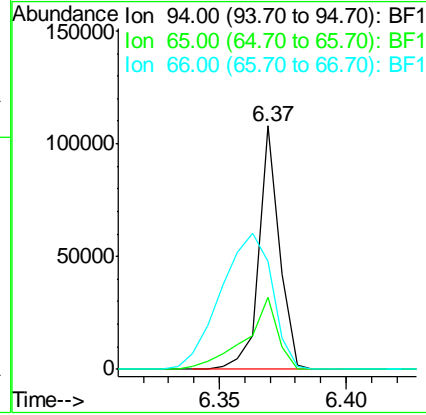
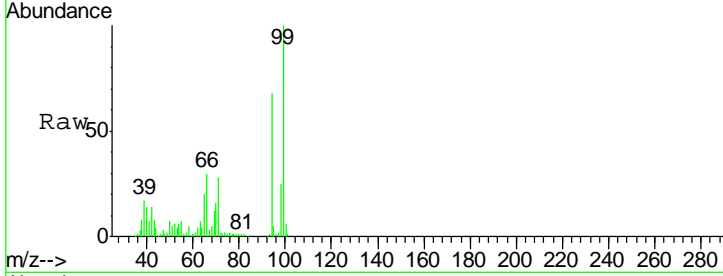




#10
 Phenol
 Concen: 4.220 ng
 RT: 6.37 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

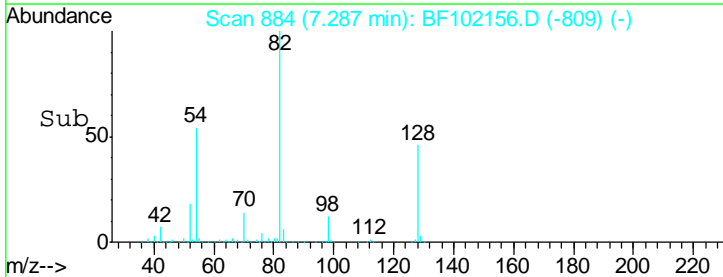
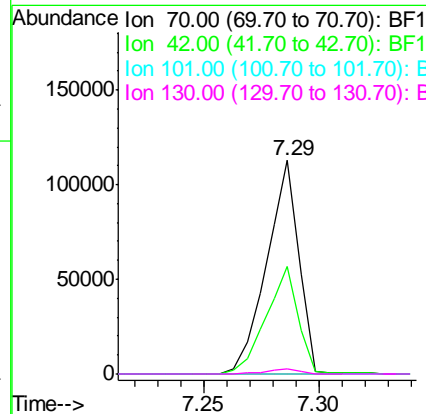
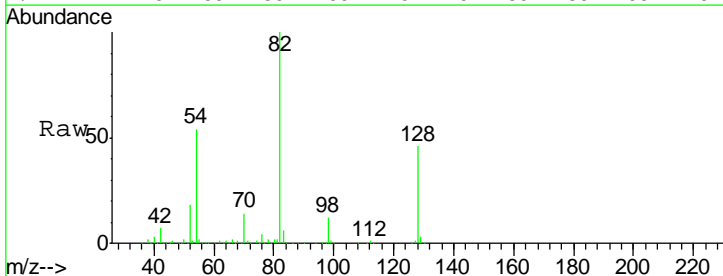
Instrument :
 BNA_F
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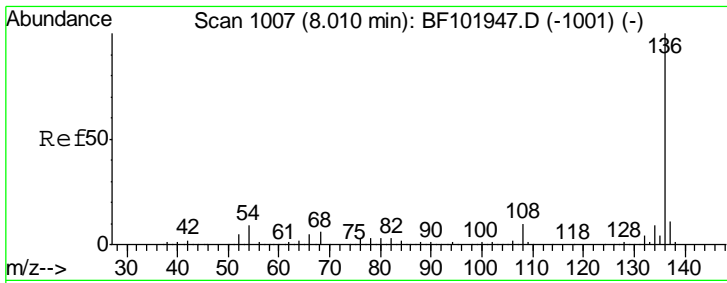
Tgt Ion	Resp	Lower	Upper
94	61075		
65	29.4	7.9	47.9
66	44.4	16.2	56.2



#19
 n-Nitroso-di-n-propylamine
 Concen: 13.014 ng
 RT: 7.29 min Scan# 884
 Delta R.T. 0.14 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

Tgt Ion	Resp	Lower	Upper
70	109224		
42	50.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

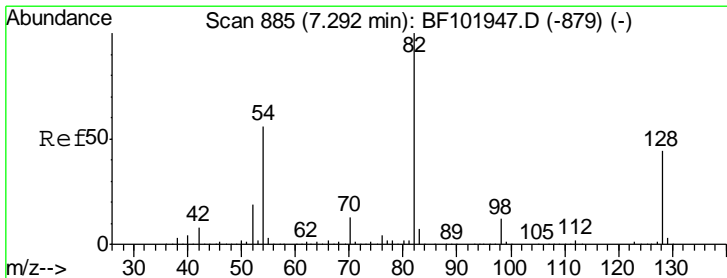
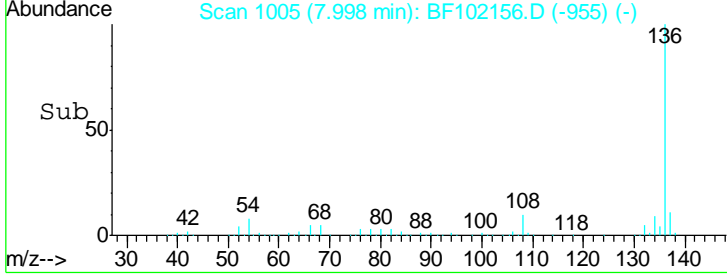
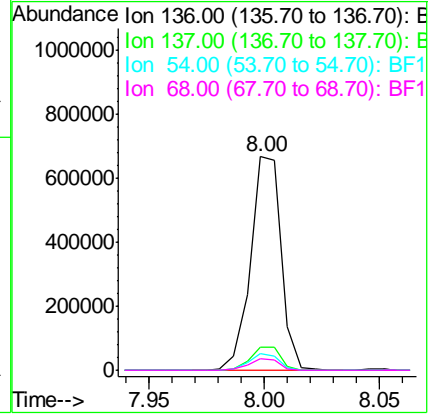
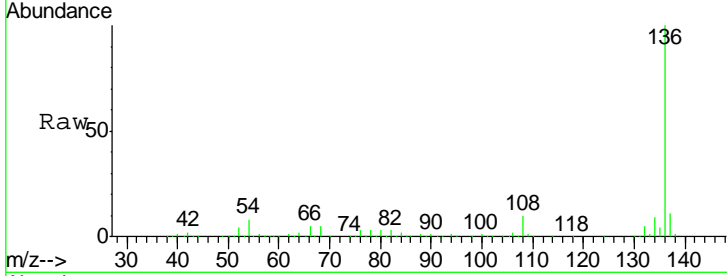




#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

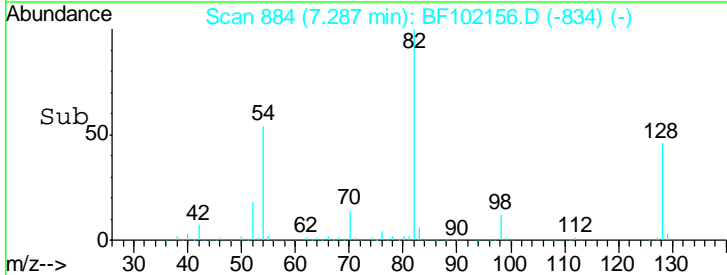
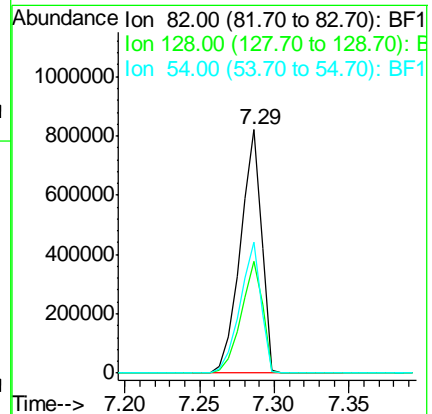
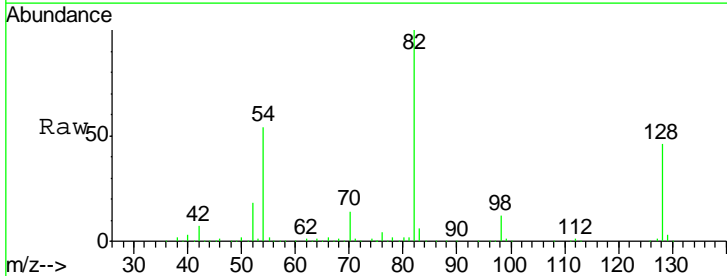
Instrument :
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 ClientSampled :

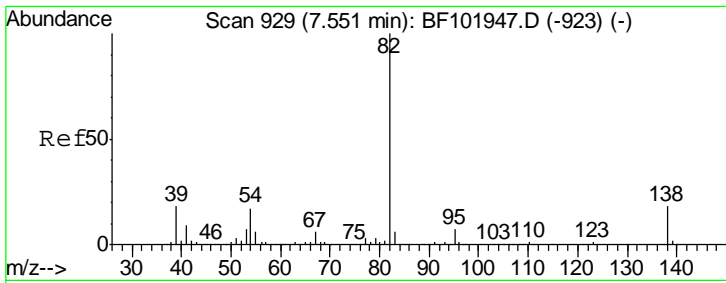
Tgt Ion	Resp	Lower	Upper
136	619938		
137	10.9	8.9	13.3
54	7.9	6.6	9.8
68	5.5	5.0	7.4



#23
 Nitrobenzene-d5
 Concen: 77.772 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

Tgt Ion	Resp	Lower	Upper
82	820467		
128	45.7	36.1	54.1
54	53.7	41.4	62.2

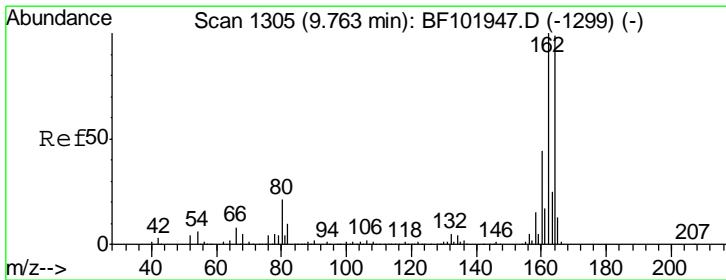
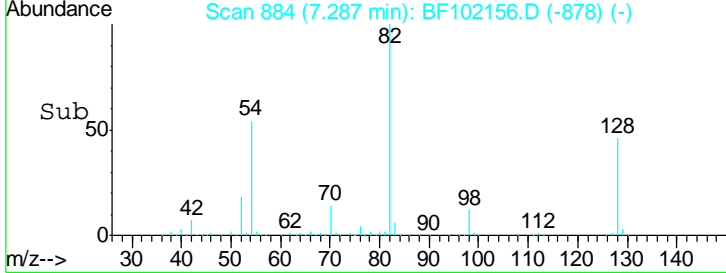
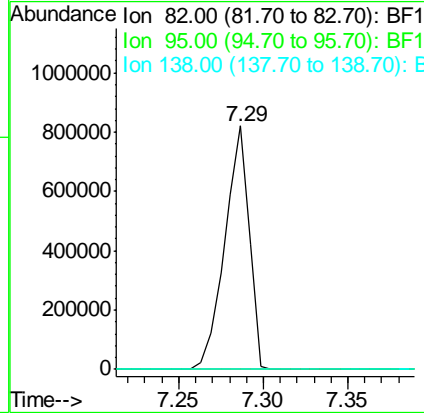
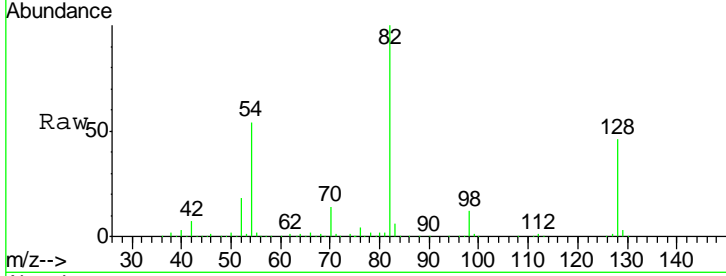




#25
 Isophorone
 Concen: 39.228 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

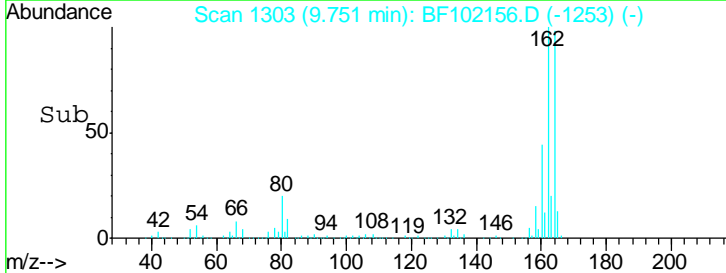
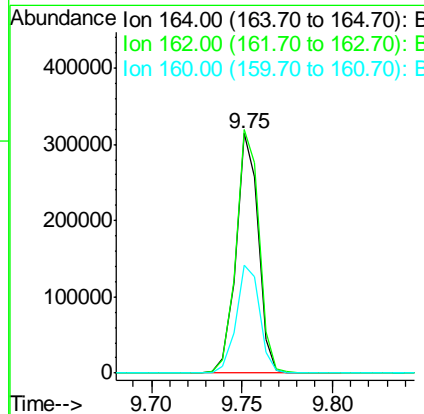
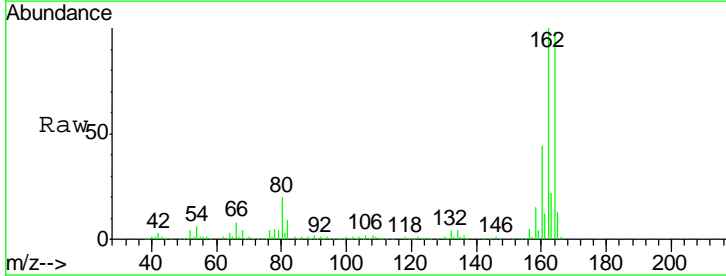
Instrument :
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 ClientSampled :

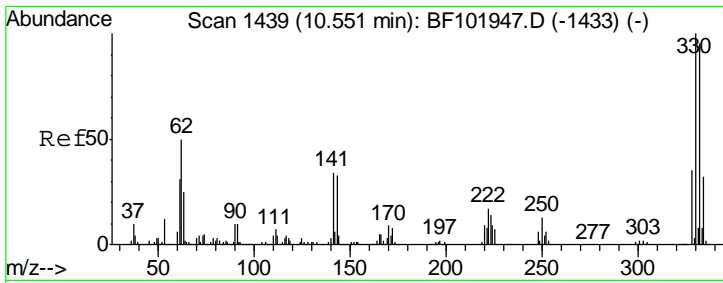
Tgt Ion	Resp	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

Tgt Ion	Resp	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	45.0	38.3	57.5

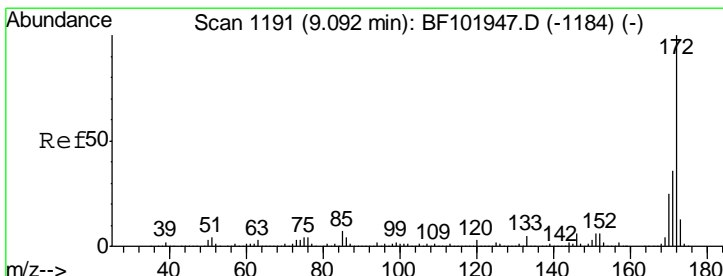
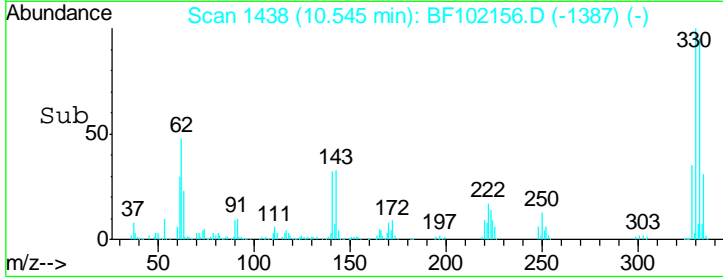
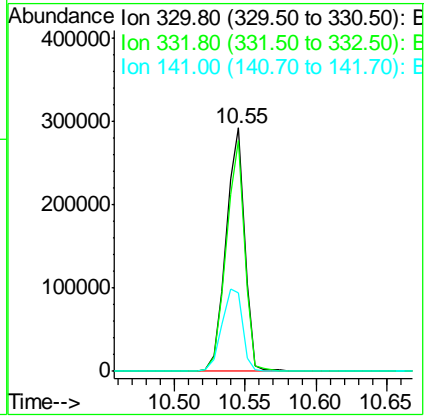
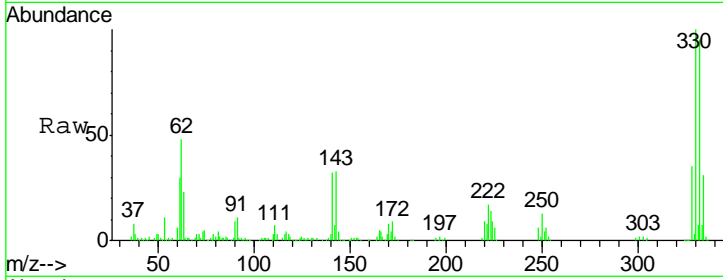




#41
 2,4,6-Tribromophenol
 Concen: 114.134 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

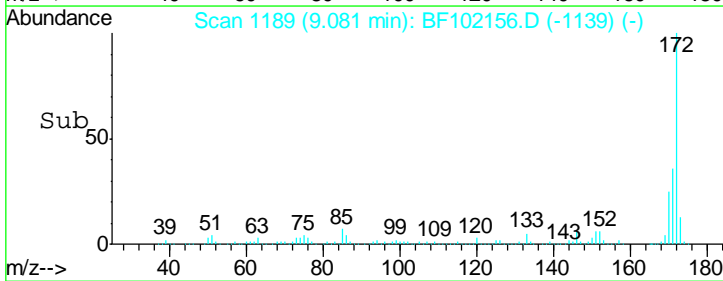
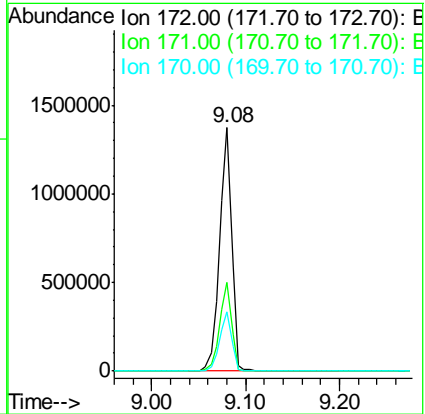
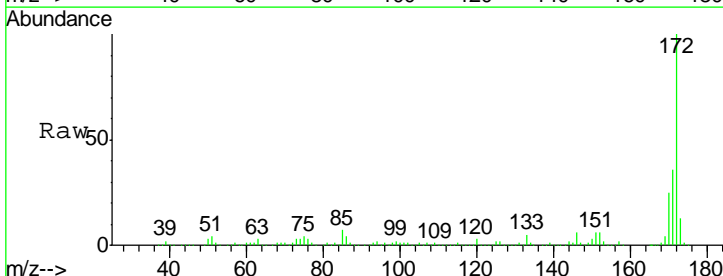
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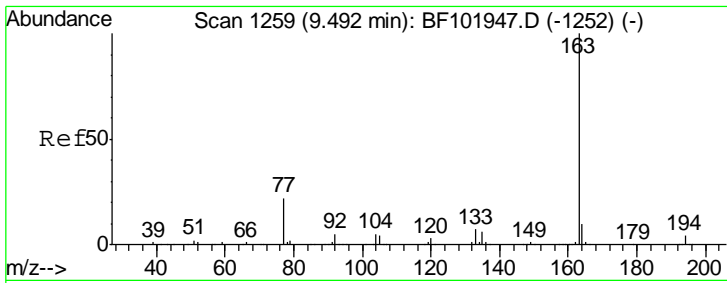
Tgt Ion	Resp	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	37.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 72.041 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.6	19.6	29.4



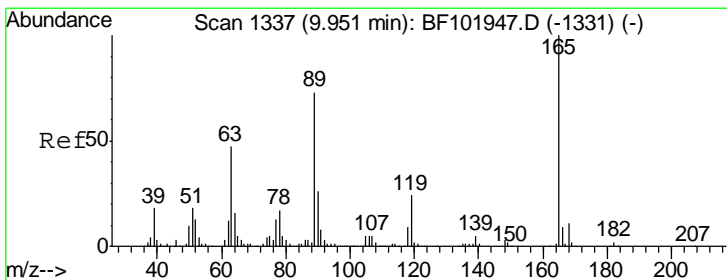
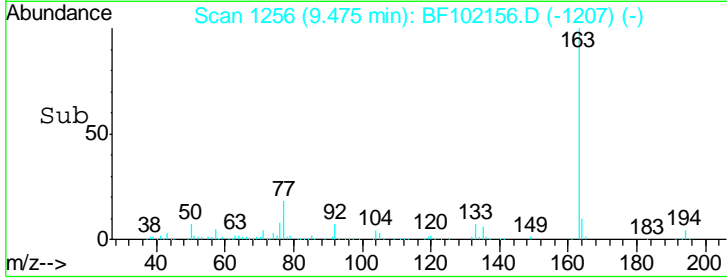
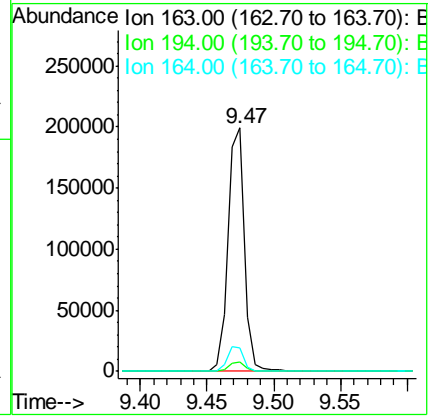
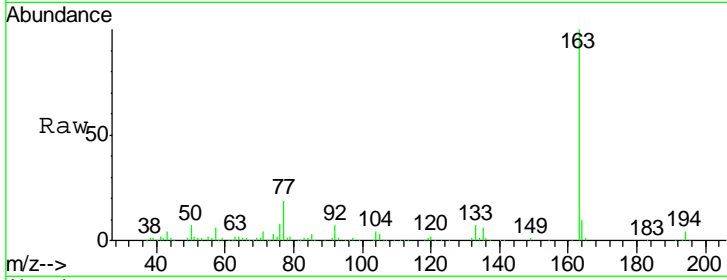


#49
 Dimethylphthalate
 Concen: 8.066 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:163 Resp: 174364

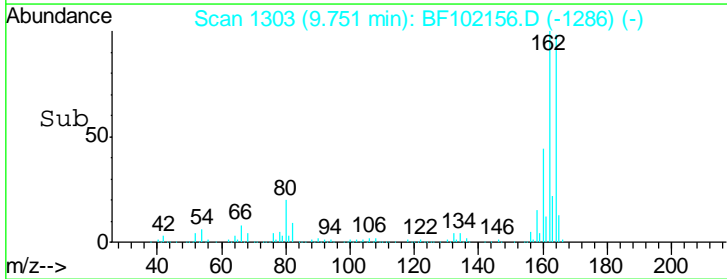
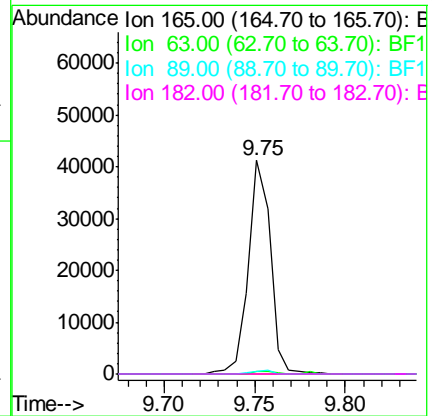
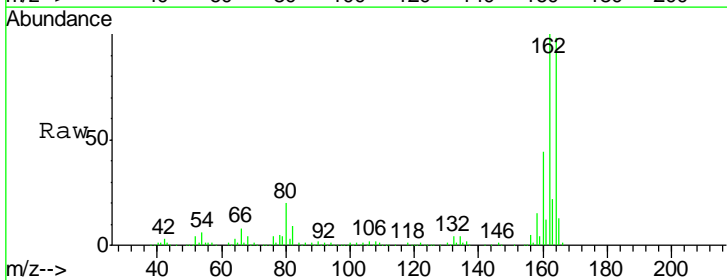
Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.9	8.2	12.2

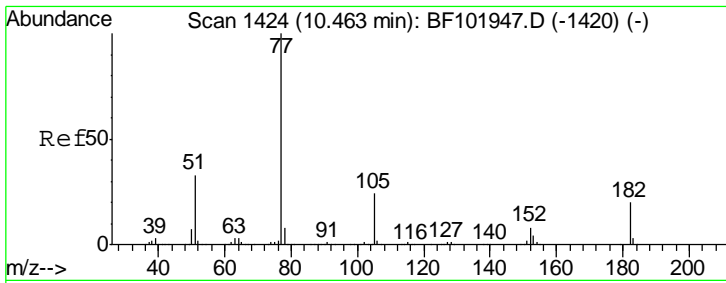


#56
 2,4-Dinitrotoluene
 Concen: 6.473 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

Tgt Ion:165 Resp: 35032

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#

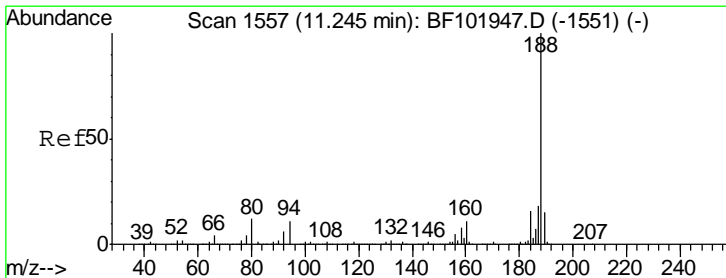
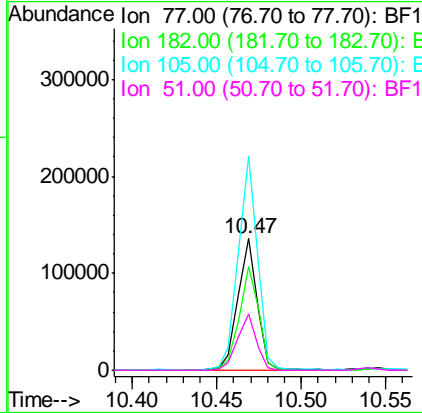
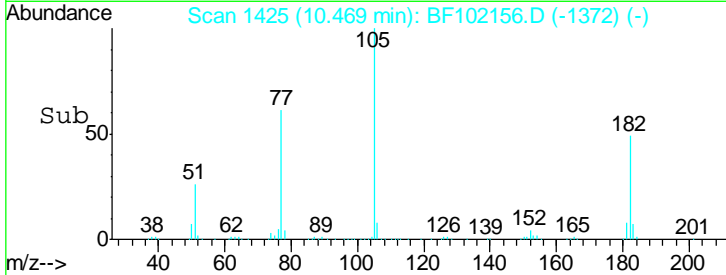
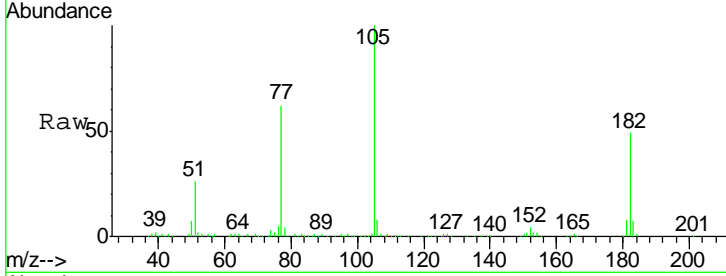




#62
 Azobenzene
 Concen: 4.931 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

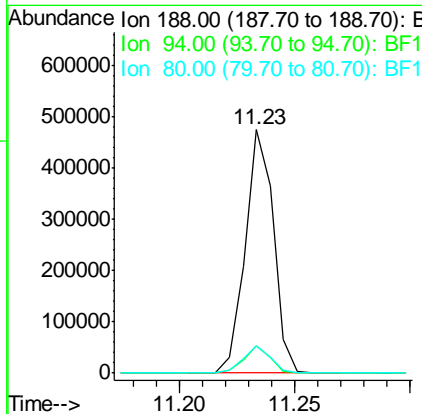
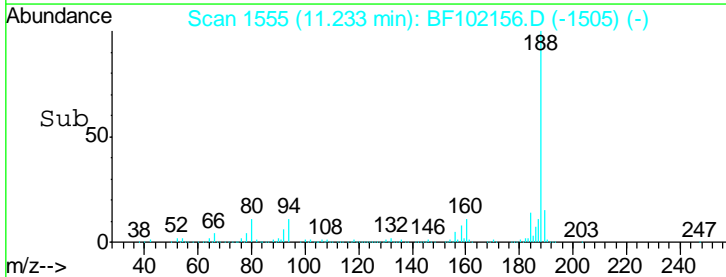
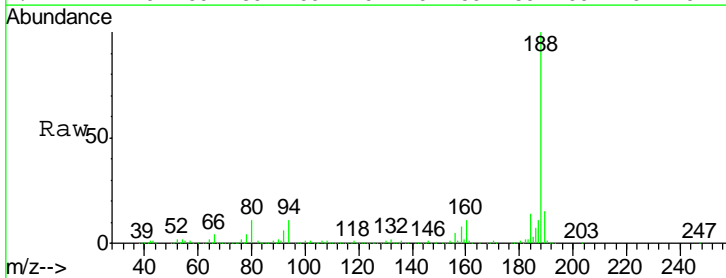
Instrument :
 BNA_F
 ClientSampled :

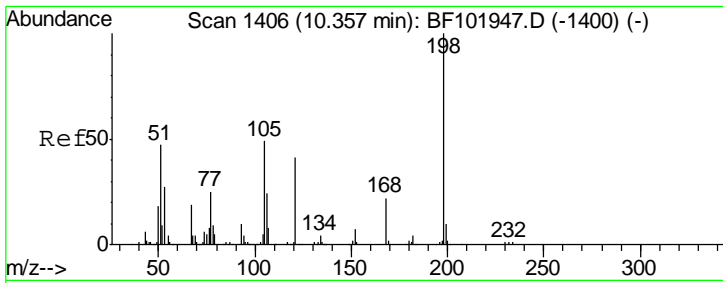
Tgt Ion	Resp	Lower	Upper
77	105506		
182	78.8	1.7	41.7#
105	162.2	3.0	43.0#
51	42.7	9.9	49.9



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

Tgt Ion	Resp	Lower	Upper
188	407040		
94	11.1	8.5	12.7
80	11.5	9.2	13.8

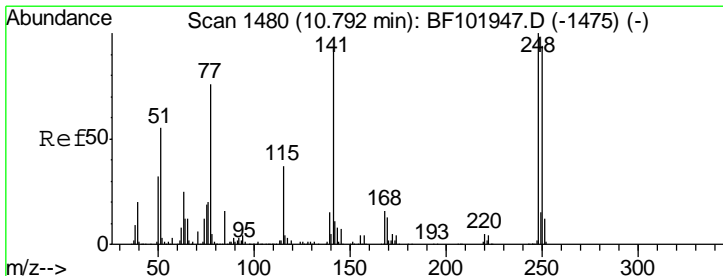
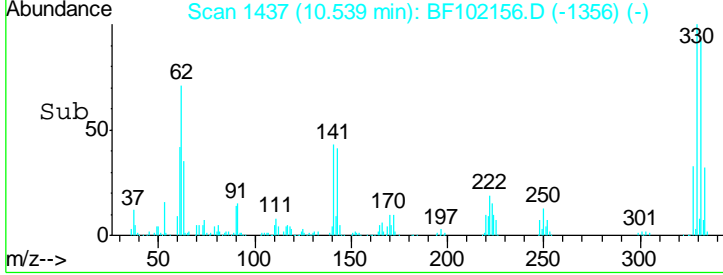
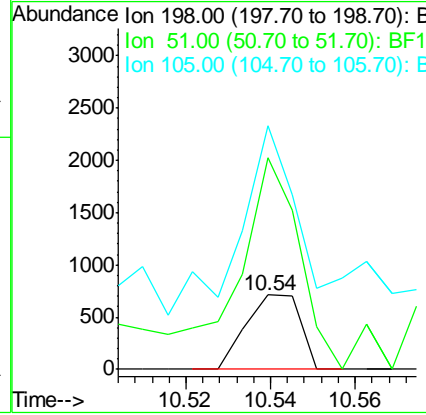
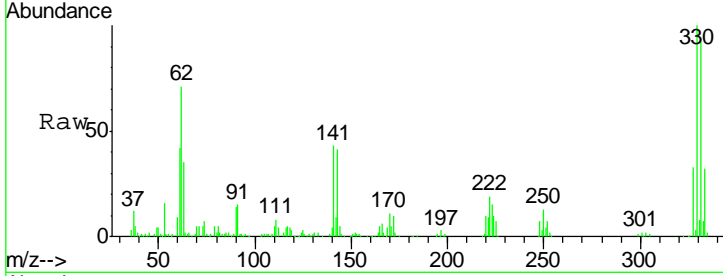




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.914 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.18 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

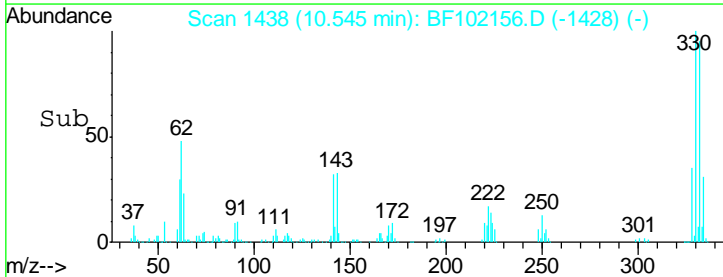
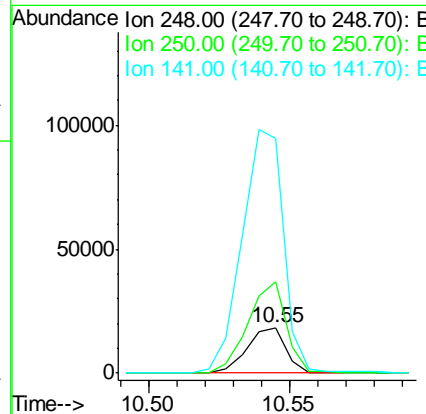
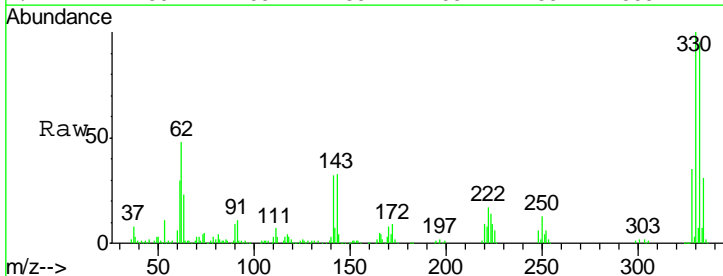
Instrument :
 BNA_F
 ClientSampled :

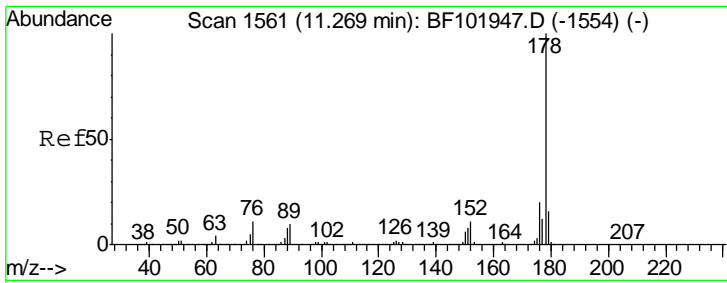
Tgt Ion	Resp	Lower	Upper
198	631		
51	286.1	37.7	77.7#
105	328.3	36.3	76.3#



#66
 4-Bromophenyl-phenylether
 Concen: 4.038 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

Tgt Ion	Resp	Lower	Upper
248	17359		
250	199.7	76.9	115.3#
141	513.7	74.4	111.6#

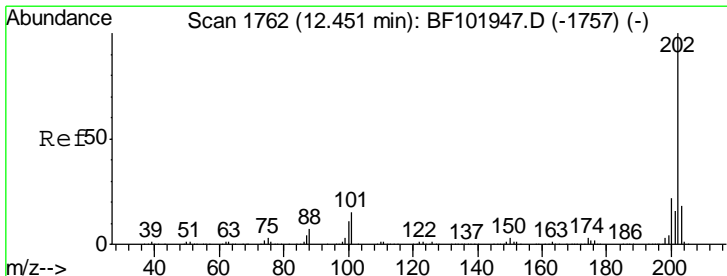
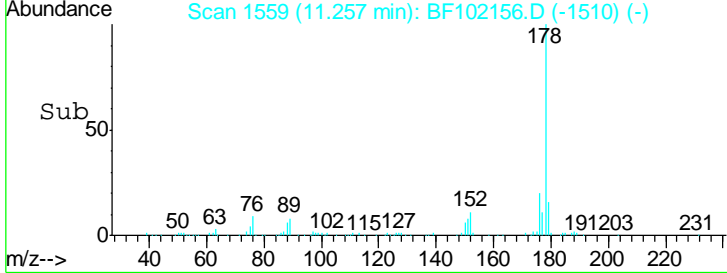
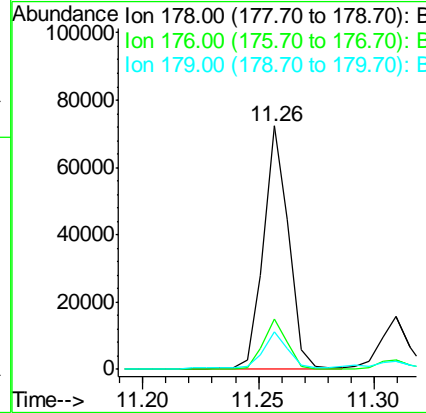
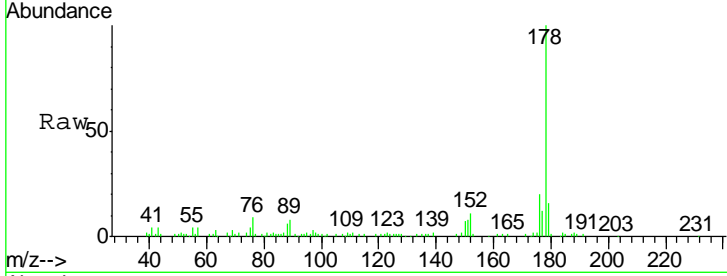




#70
 Phenanthrene
 Concen: 2.324 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

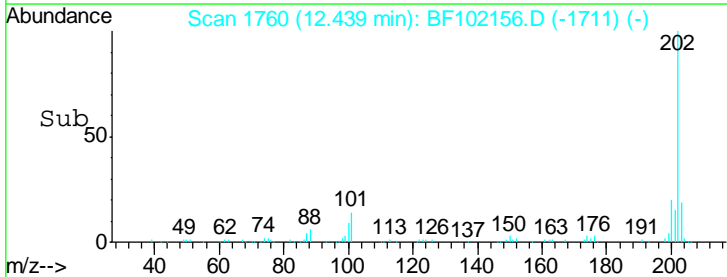
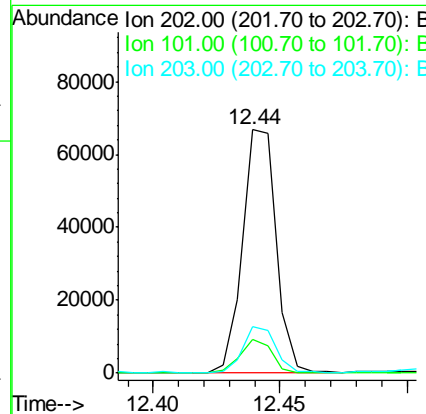
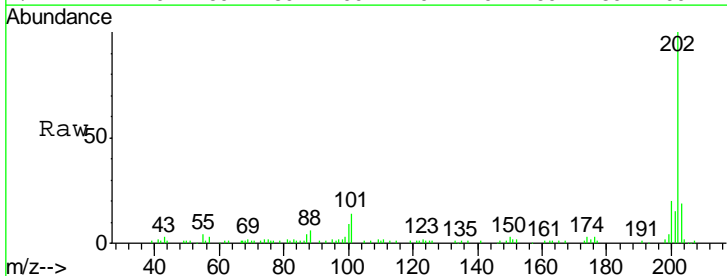
Instrument :
 BNA_F
 ClientSampled :

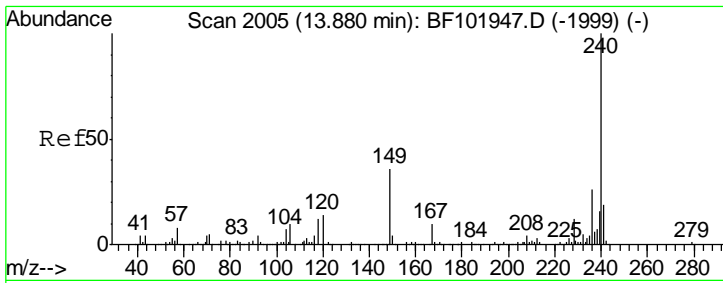
Tgt Ion	Resp	Lower	Upper
178	55245		
176	20.5	15.8	23.8
179	15.6	13.0	19.6



#74
 Fluoranthene
 Concen: 2.632 ng
 RT: 12.44 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

Tgt Ion	Resp	Lower	Upper
202	61569		
101	13.9	0.0	34.1
203	19.0	0.0	38.1

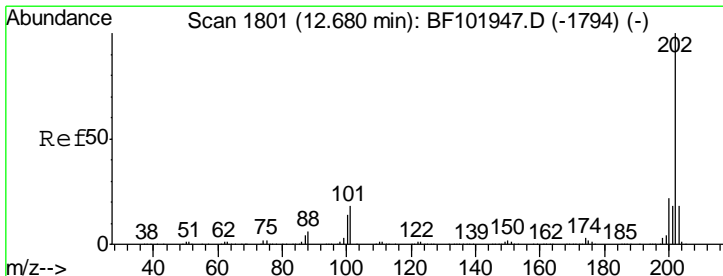
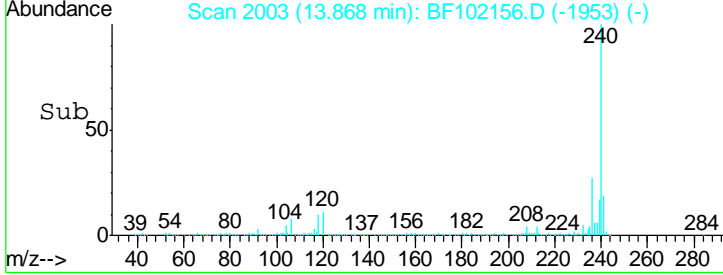
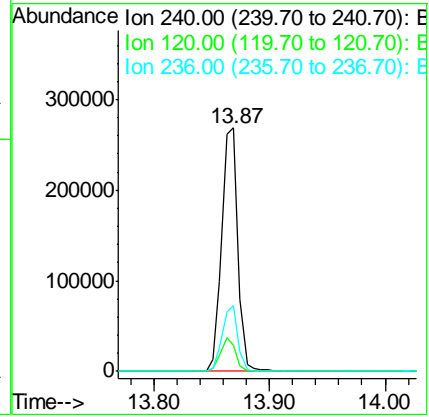
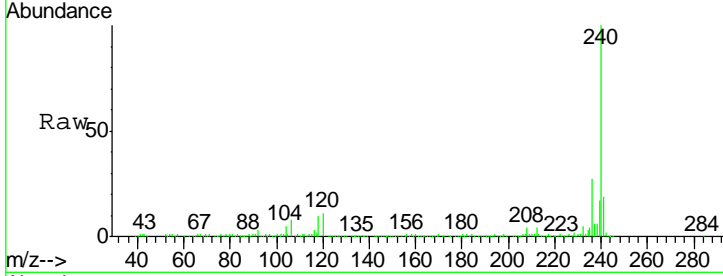




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

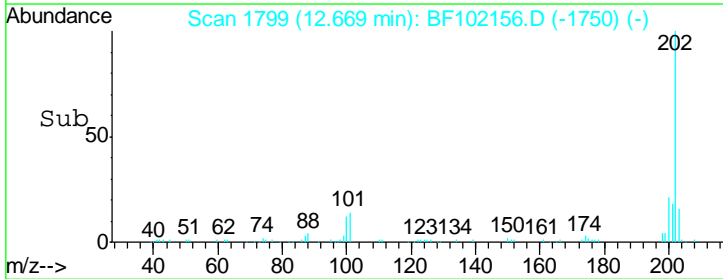
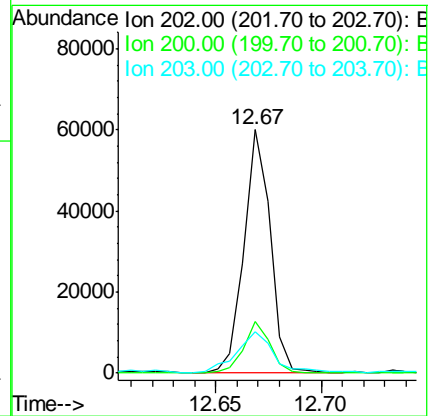
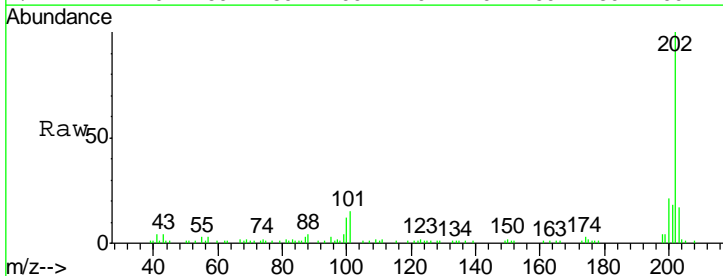
Instrument :
 BNA_F
 ClientSampled :

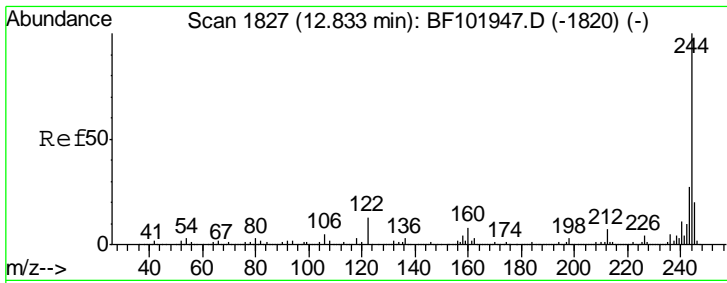
Tgt Ion	Resp	Lower	Upper
240	261654		
120	10.6	9.5	14.3
236	27.2	20.7	31.1



#77
 Pyrene
 Concen: 2.235 ng
 RT: 12.67 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

Tgt Ion	Resp	Lower	Upper
202	51690		
200	21.1	17.4	26.2
203	16.9	14.3	21.5

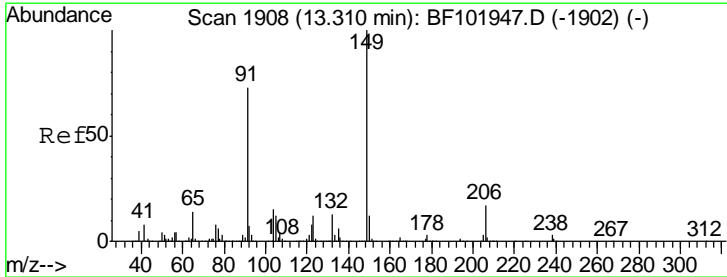
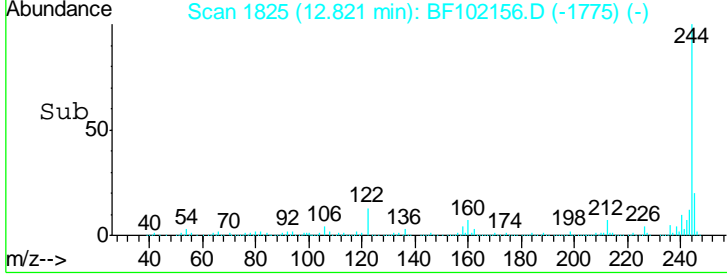
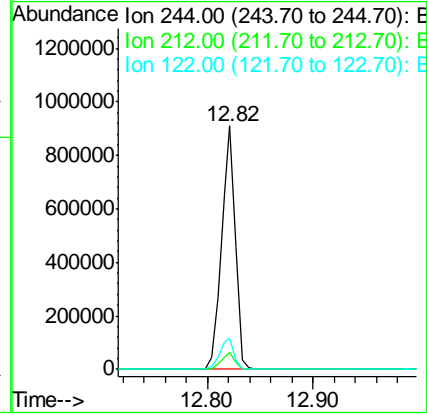
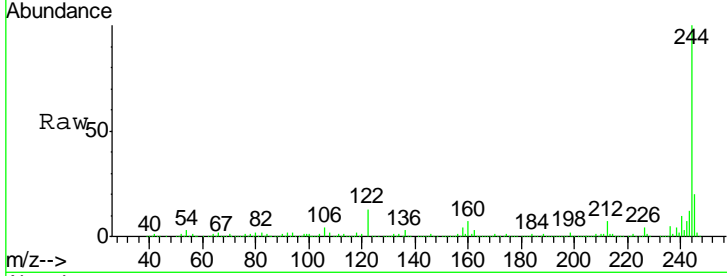




#78
 Terphenyl-d14
 Concen: 66.788 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

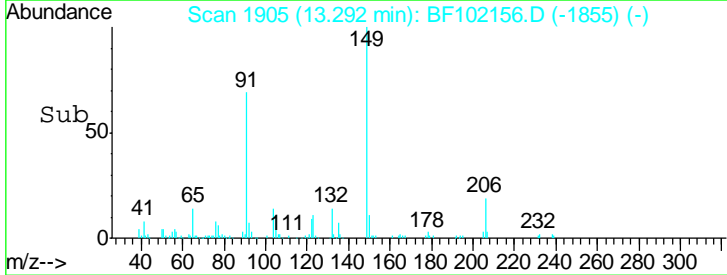
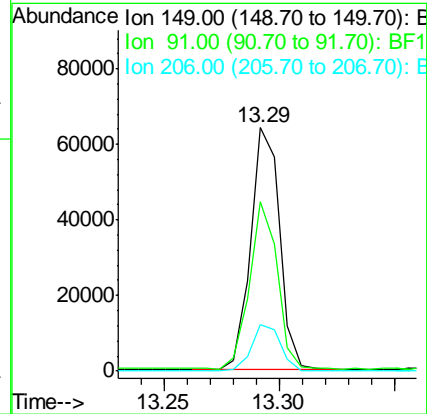
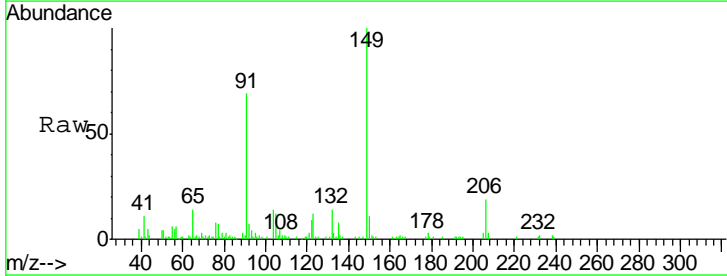
Instrument :
 BNA_F
 ClientSampled :

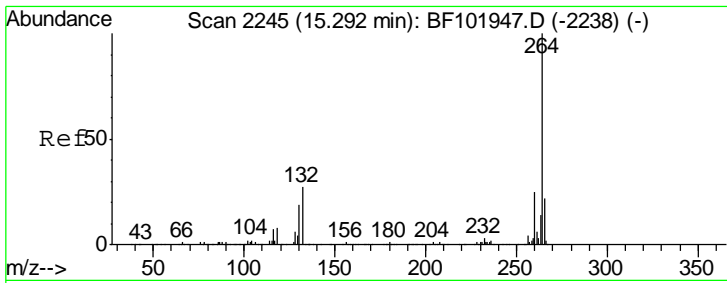
Tgt Ion	Resp	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.0	11.0	16.4



#79
 Butylbenzylphthalate
 Concen: 5.287 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

Tgt Ion	Resp	Lower	Upper
149	100		
91	69.4	56.8	85.2
206	19.1	14.1	21.1

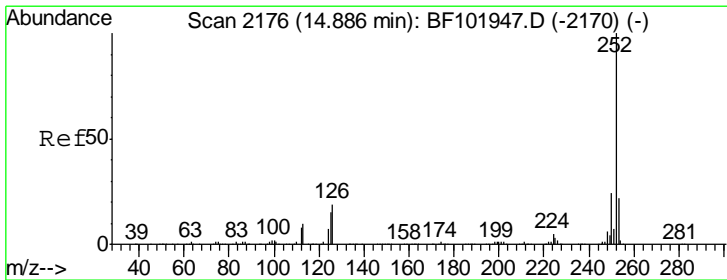
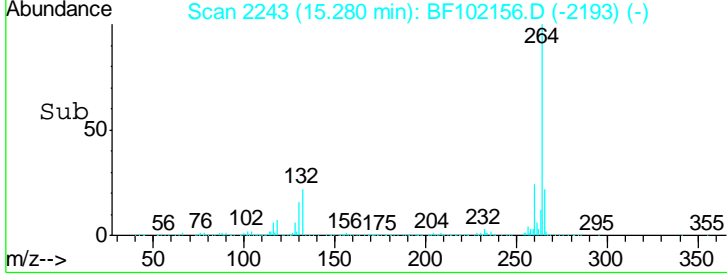
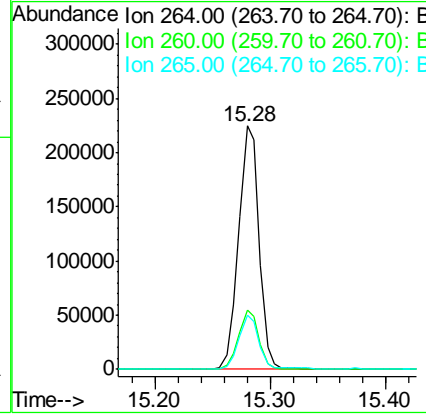
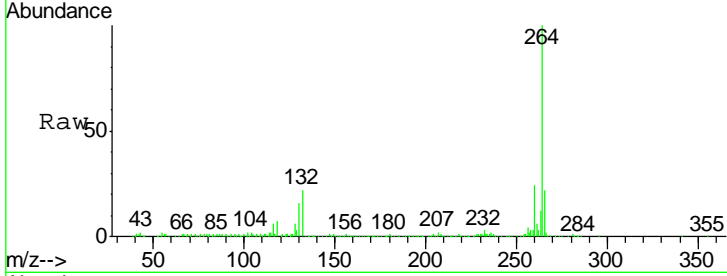




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

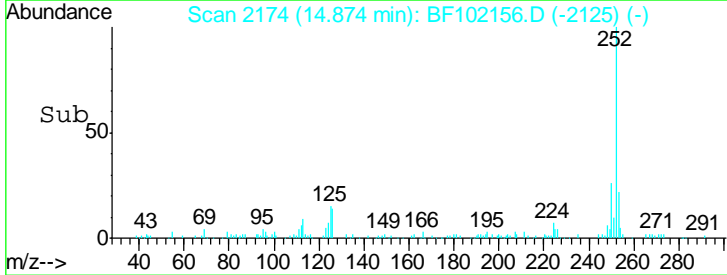
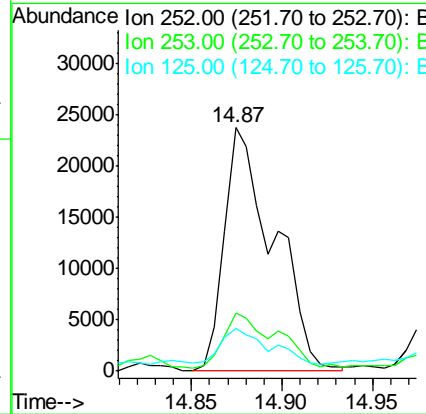
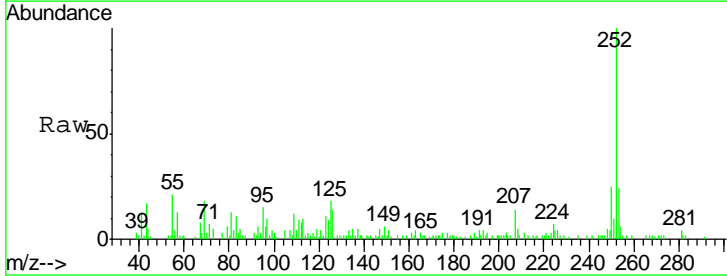
Instrument :
 BNA_F
 ClientSampled :

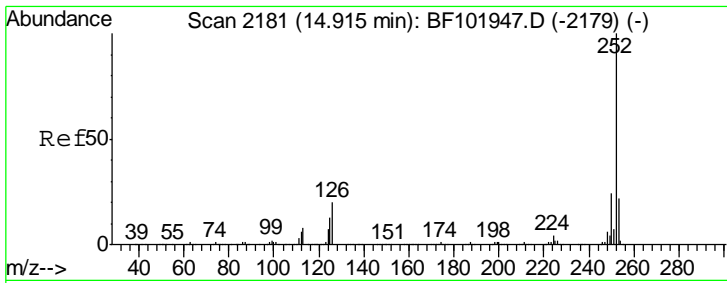
Tgt Ion	Resp	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	17.5	26.3



#87
 Benzo(b)fluoranthene
 Concen: 2.501 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

Tgt Ion	Resp	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	17.7	9.0	13.6#





#88

Benzo(k)fluoranthene
 Concen: 2.592 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. -0.04 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	252	Resp	45071
Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	17.7	10.2	15.2#

