

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103635.D
 Acq On : 14 Mar 2018 7:15
 Operator : SJ/JU
 Sample : J1895-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 14 11:13:06 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

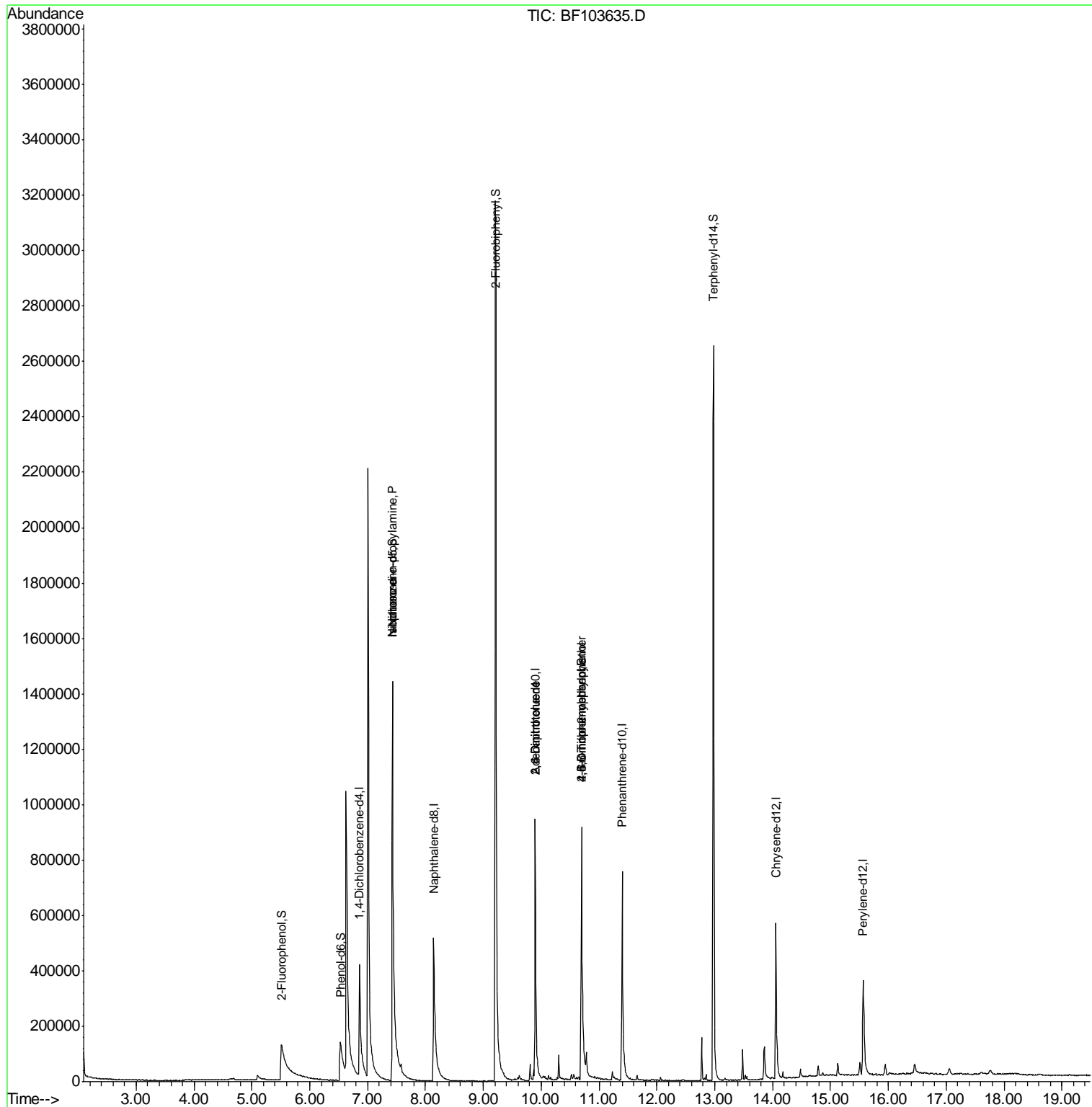
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	137551	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	609492	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	270551	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	480296	20.00	ng	0.00
75) Chrysene-d12	14.06	240	269845	20.00	ng	0.00
86) Perylene-d12	15.57	264	242038	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	244933	26.93	ng	0.02
7) Phenol-d6	6.53	99	239696	21.54	ng	0.02
23) Nitrobenzene-d5	7.43	82	960559	90.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	159673	69.72	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1433481	93.42	ng	-0.01
78) Terphenyl-d14	12.98	244	1018679	90.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	115968	16.744	ng	# 84
25) Isophorone	7.43	82	973146	46.297	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	33198	7.289	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	33911	5.887	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.69	198	119	4.982	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	11357	2.270	ng	# 1

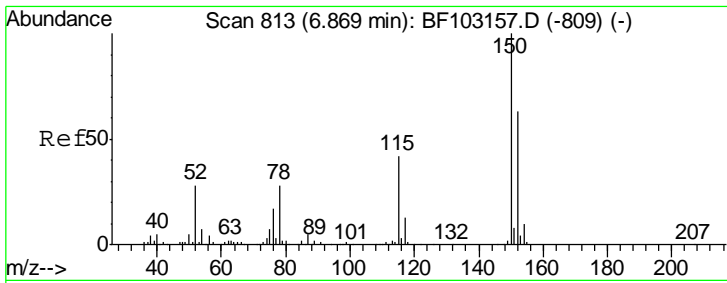
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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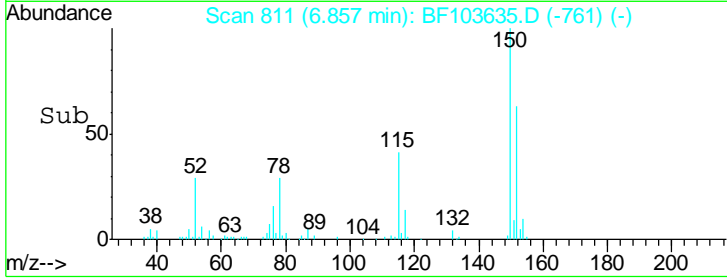
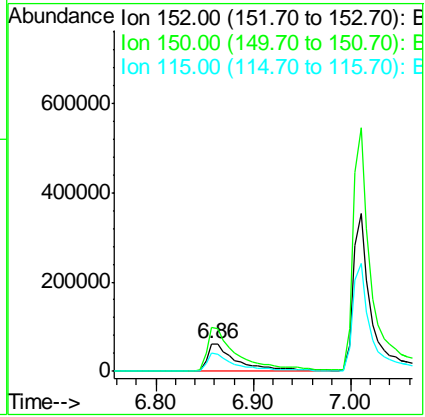
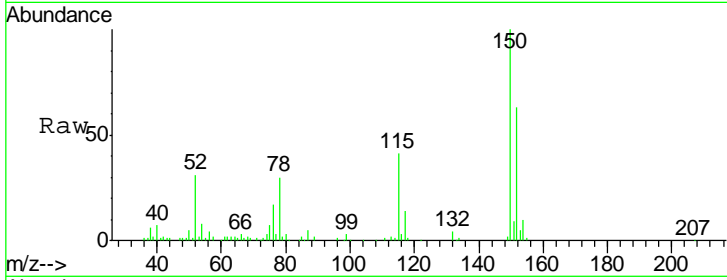




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF103635.D
 Acq: 14 Mar 2018 7:15

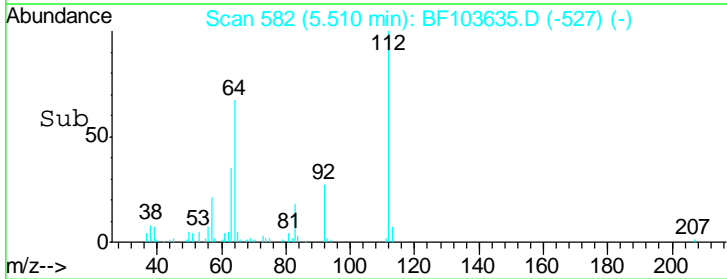
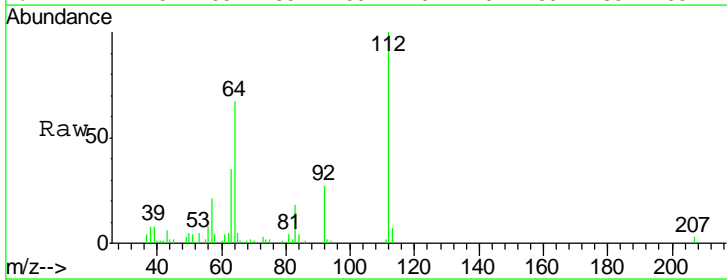
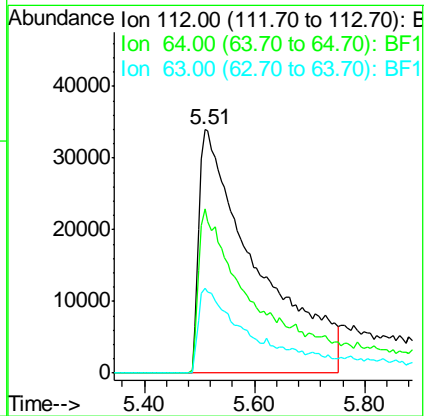
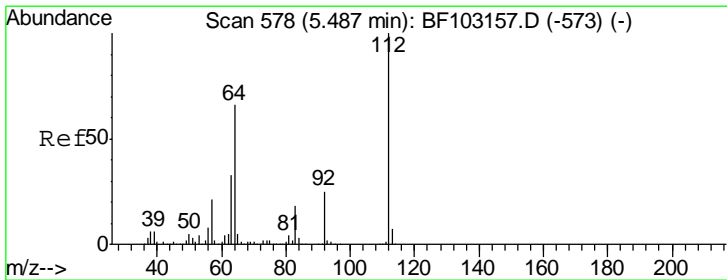
Instrument :
 BNA_F
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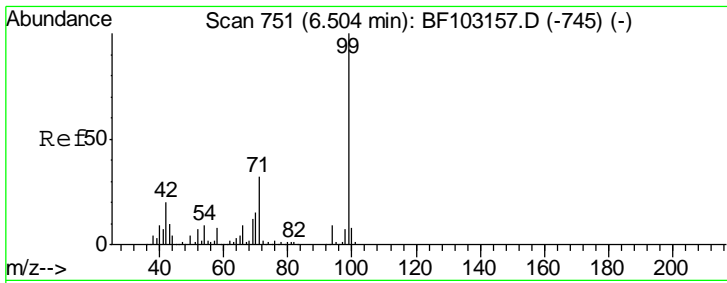
Tgt Ion	Resp	Lower	Upper
152	137551		
150	159.8	124.6	186.8
115	65.4	50.1	75.1



#5
 2-Fluorophenol
 Concen: 26.931 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.02 min
 Lab File: BF103635.D
 Acq: 14 Mar 2018 7:15

Tgt Ion	Resp	Lower	Upper
112	244933		
64	67.4	47.9	71.9
63	34.8	23.7	35.5

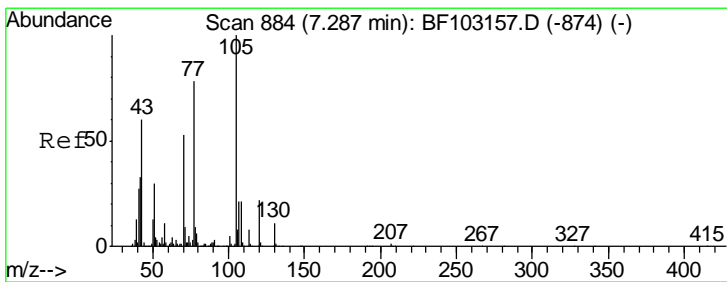
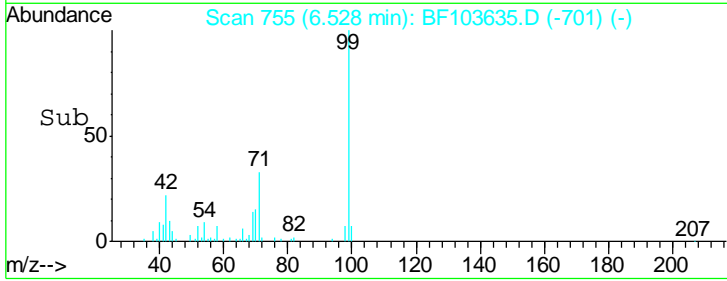
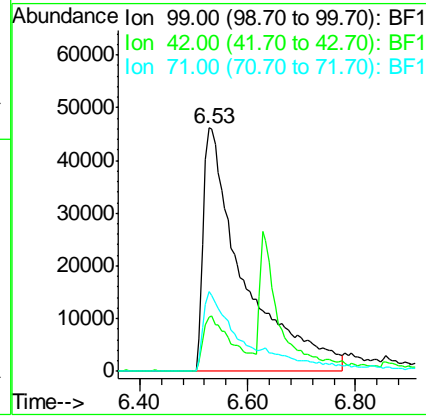
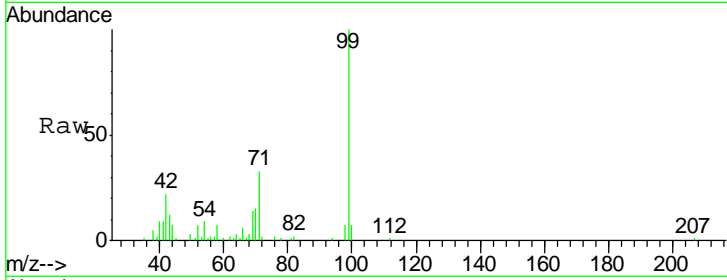




#7
 Phenol-d6
 Concen: 21.538 ng
 RT: 6.53 min Scan# 755
 Delta R.T. 0.02 min
 Lab File: BF103635.D
 Acq: 14 Mar 2018 7:15

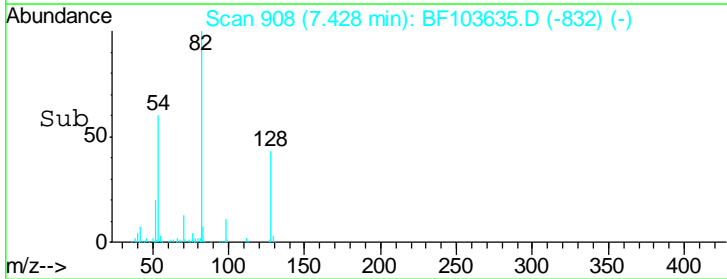
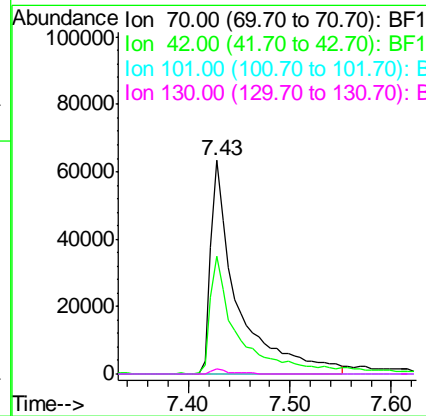
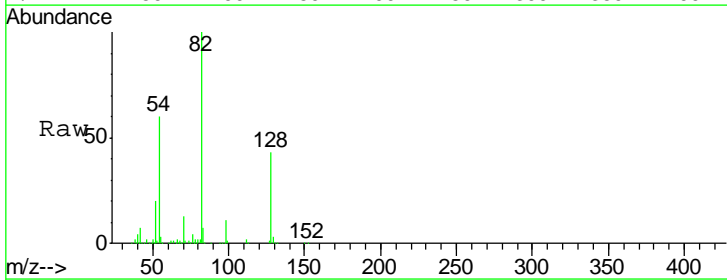
Instrument :
 BNA_F
 ClientSampled :

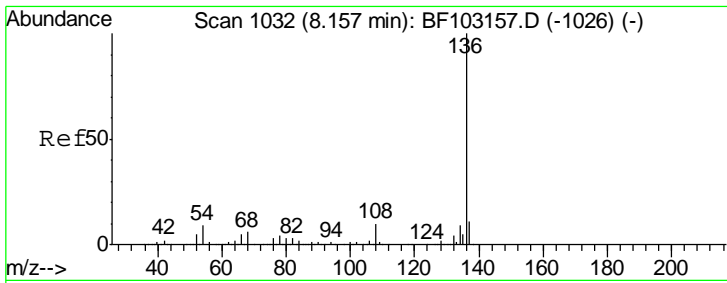
Tgt Ion	Resp	Lower	Upper
99	100		
42	22.2	14.5	21.7#
71	32.7	25.4	38.0



#19
 n-Nitroso-di-n-propylamine
 Concen: 16.744 ng
 RT: 7.43 min Scan# 908
 Delta R.T. 0.15 min
 Lab File: BF103635.D
 Acq: 14 Mar 2018 7:15

Tgt Ion	Resp	Lower	Upper
70	100		
42	55.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#

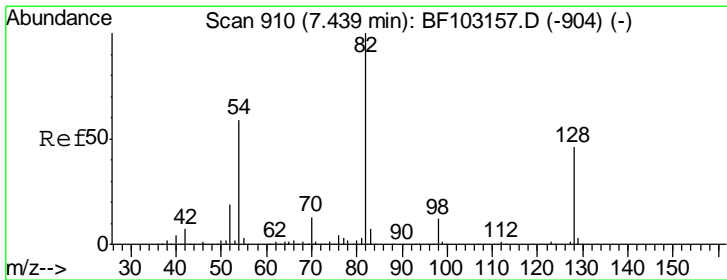
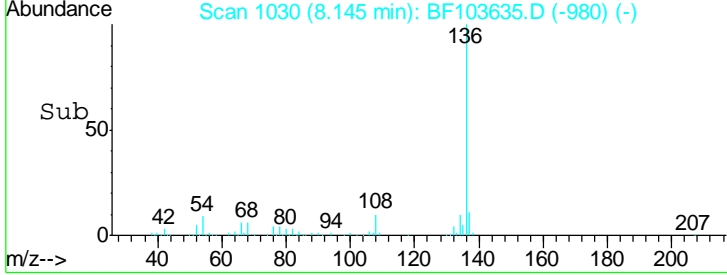
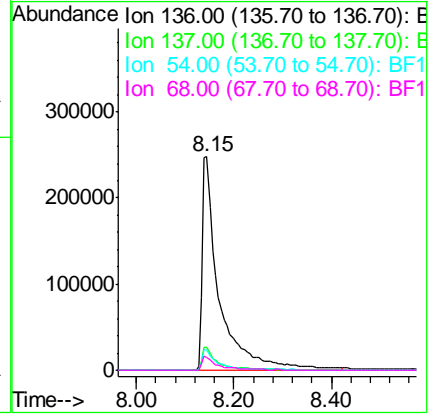
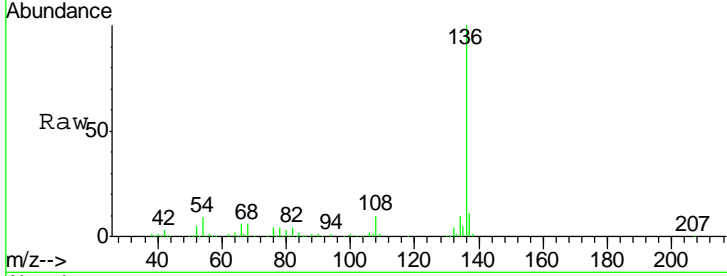




#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.15 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF103635.D
 Acq: 14 Mar 2018 7:15

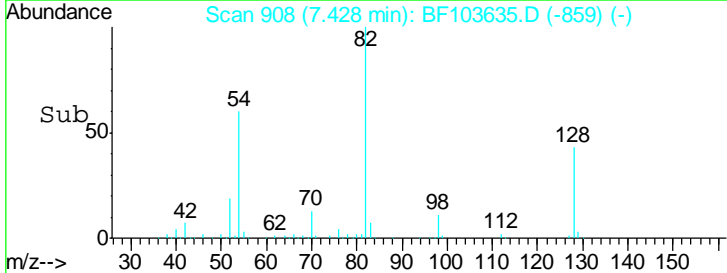
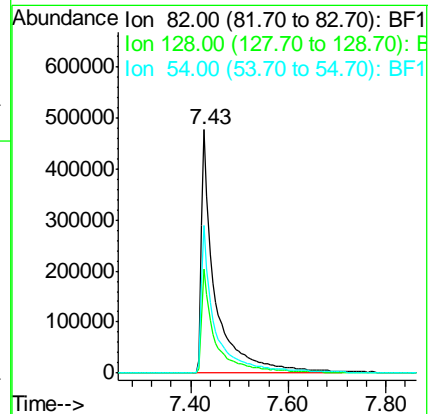
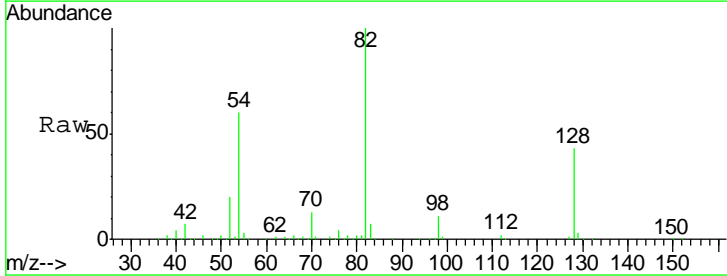
Instrument :
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 ClientSampled :

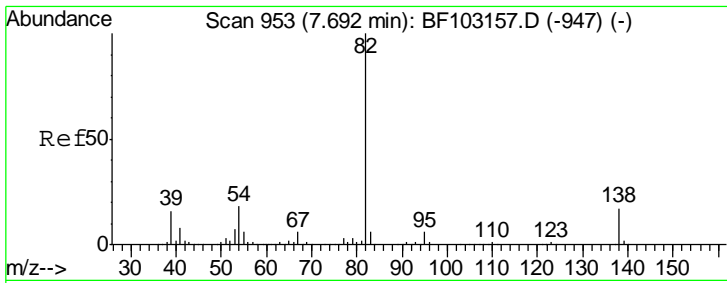
Tgt Ion	Resp	Lower	Upper
136	609492		
137	10.8	8.9	13.3
54	9.4	6.6	9.8
68	6.3	5.0	7.4



#23
 Nitrobenzene-d5
 Concen: 90.003 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF103635.D
 Acq: 14 Mar 2018 7:15

Tgt Ion	Resp	Lower	Upper
82	960559		
128	42.7	36.1	54.1
54	60.5	41.4	62.2

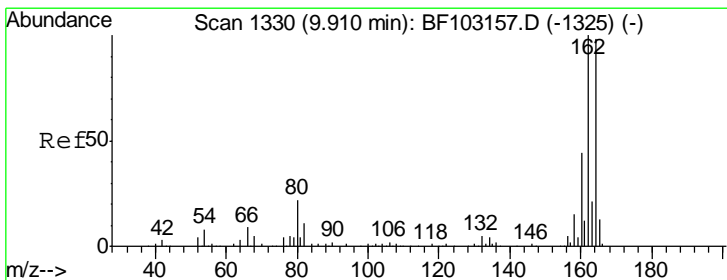
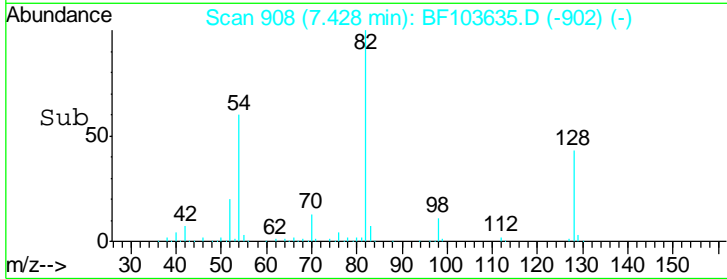
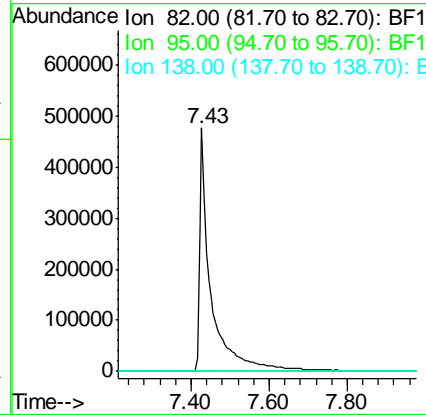
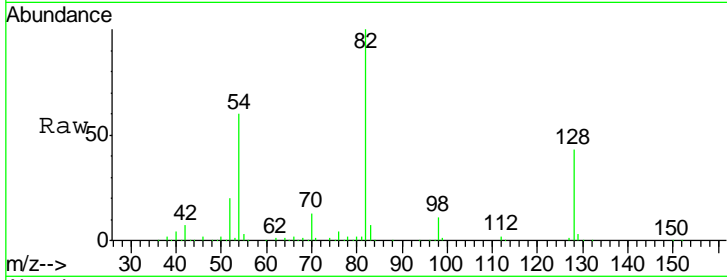




#25
 Isophorone
 Concen: 46.297 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.26 min
 Lab File: BF103635.D
 Acq: 14 Mar 2018 7:15

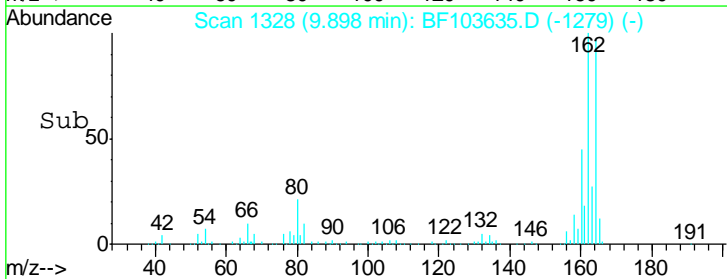
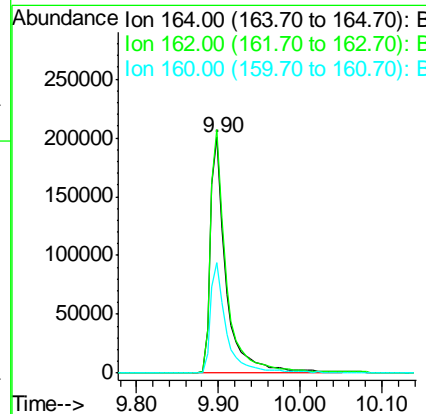
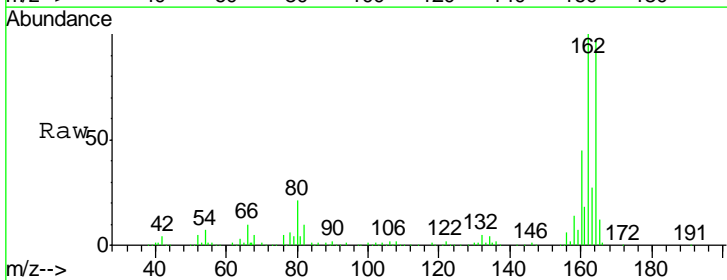
Instrument :
 BNA_F
 ClientSampled :

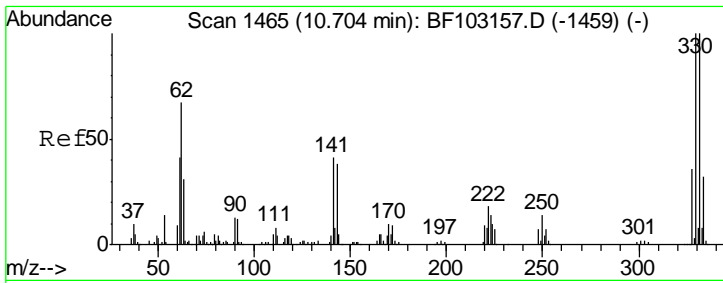
Tgt Ion	Resp	Lower	Upper
82	973146		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF103635.D
 Acq: 14 Mar 2018 7:15

Tgt Ion	Resp	Lower	Upper
164	270551		
162	103.2	86.1	129.1
160	46.8	38.3	57.5

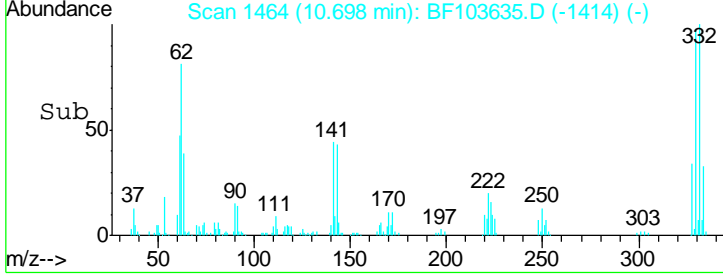
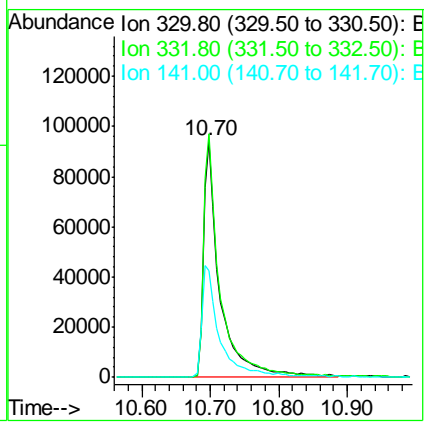
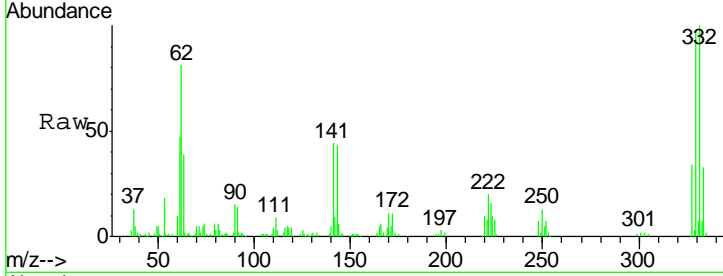




#41
 2,4,6-Tribromophenol
 Concen: 69.724 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103635.D
 Acq: 14 Mar 2018 7:15

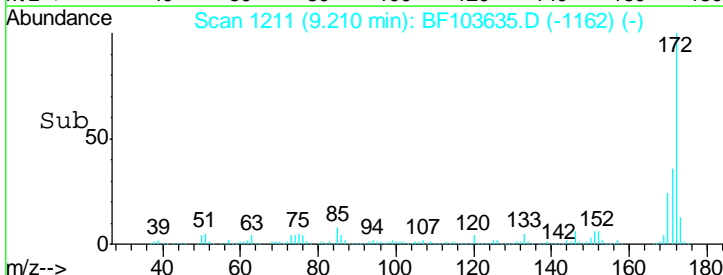
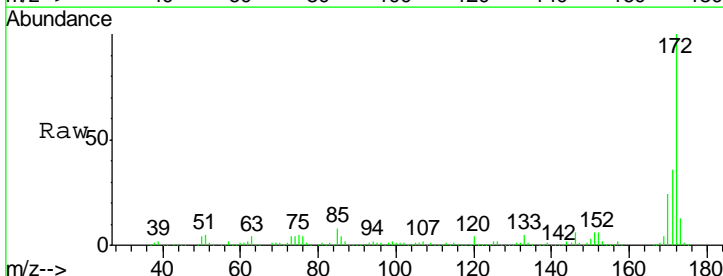
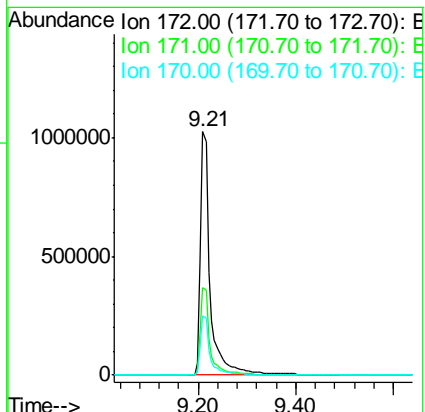
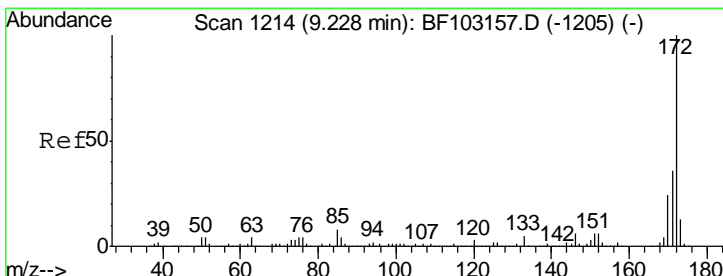
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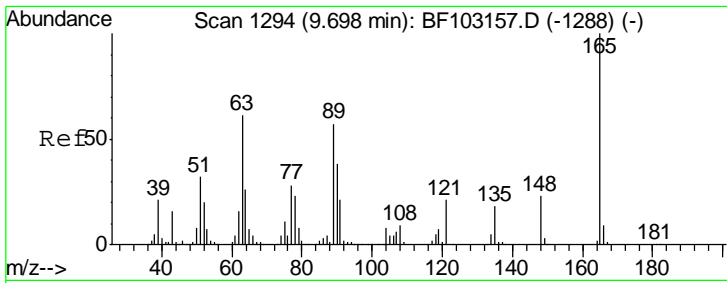
Tgt Ion	Resp	Lower	Upper
330	159673		
332	103.0	77.0	115.6
141	51.4	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 93.421 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103635.D
 Acq: 14 Mar 2018 7:15

Tgt Ion	Resp	Lower	Upper
172	1433481		
171	36.2	29.7	44.5
170	24.1	19.6	29.4

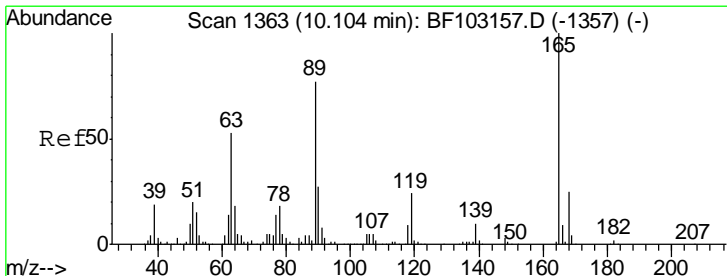
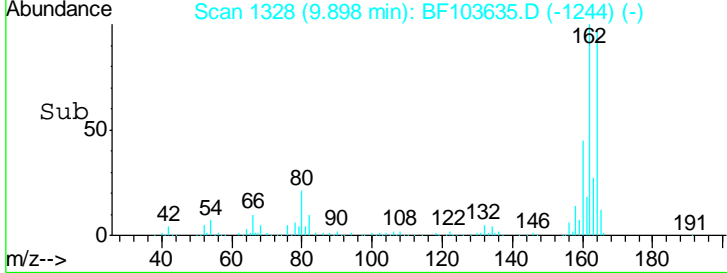
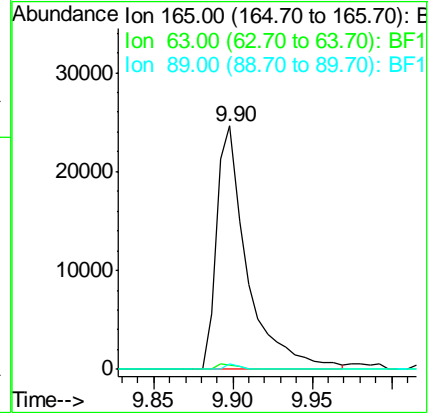
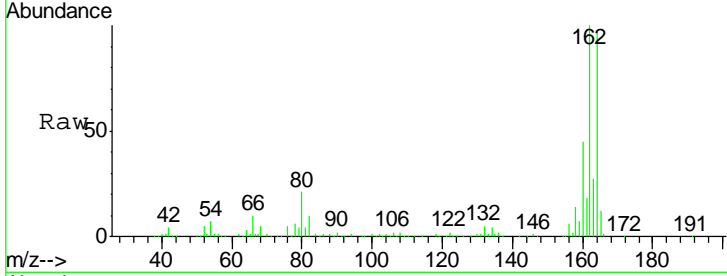




#50
 2,6-Dinitrotoluene
 Concen: 7.289 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.19 min
 Lab File: BF103635.D
 Acq: 14 Mar 2018 7:15

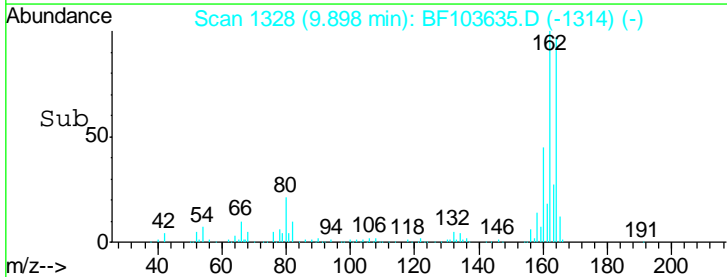
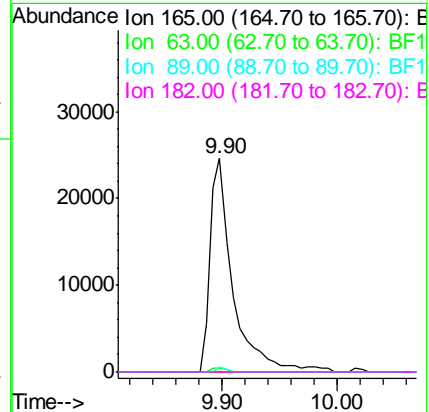
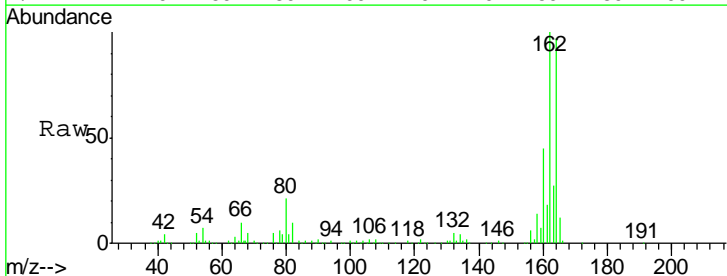
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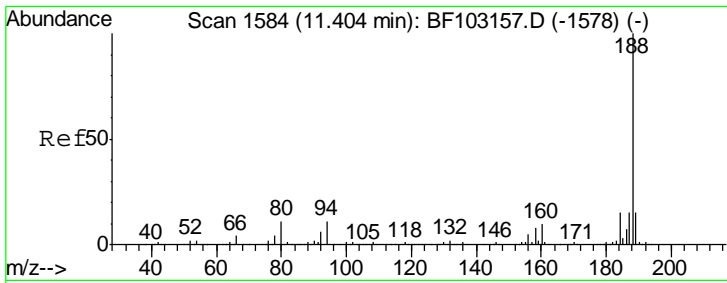
Tgt Ion	Resp	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	2.3	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.887 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.22 min
 Lab File: BF103635.D
 Acq: 14 Mar 2018 7:15

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	2.3	57.8	86.6#
182	0.0	1.6	2.4#

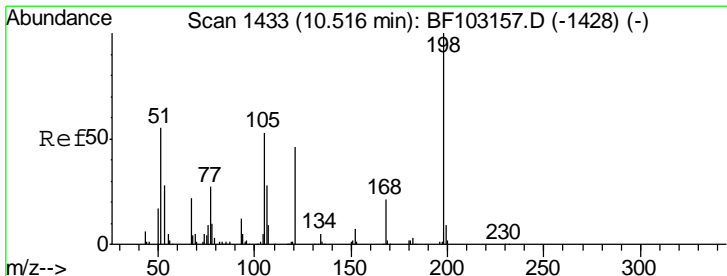
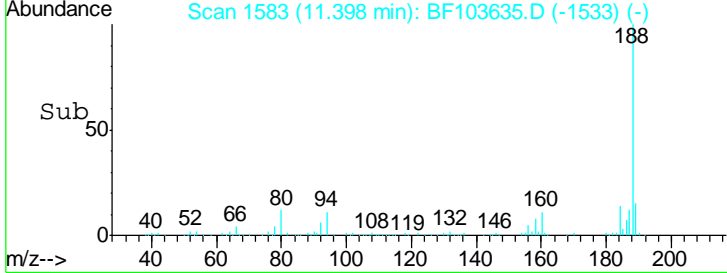
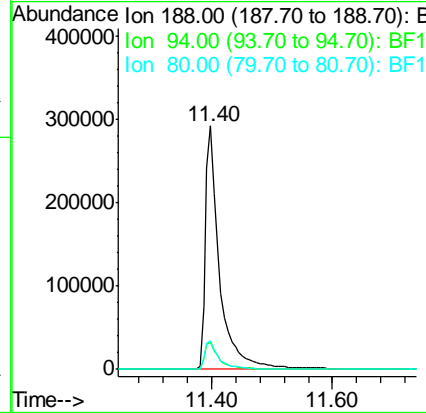
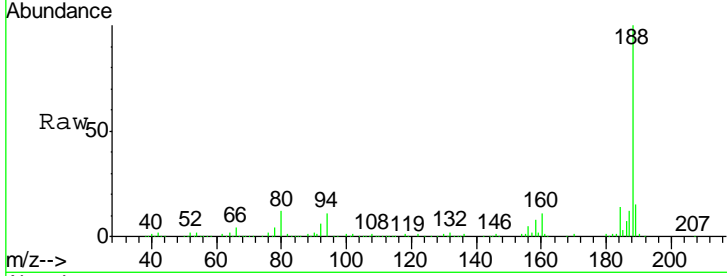




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF103635.D
 Acq: 14 Mar 2018 7:15

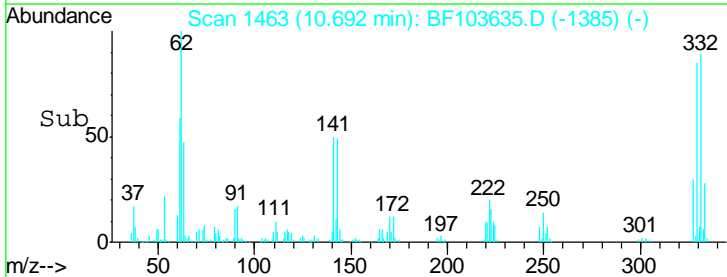
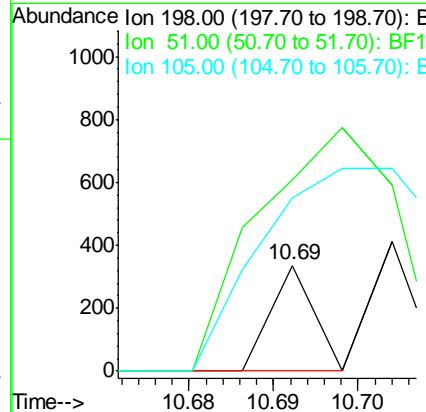
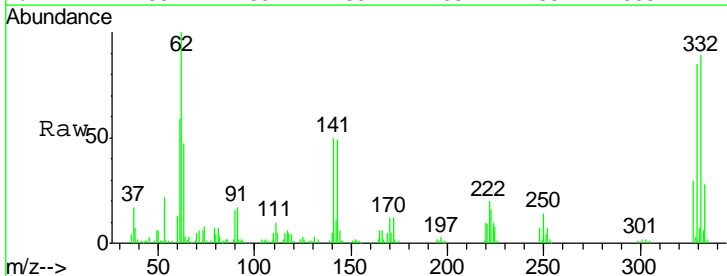
Instrument :
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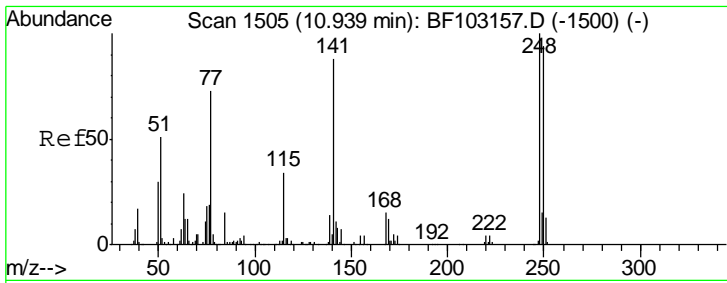
Tgt Ion	Resp	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.7	9.2	13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.982 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. 0.16 min
 Lab File: BF103635.D
 Acq: 14 Mar 2018 7:15

Tgt Ion	Resp	Lower	Upper
198	100		
51	180.1	37.7	77.7#
105	163.8	36.3	76.3#

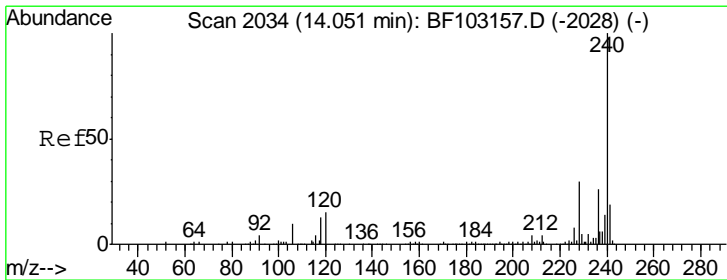
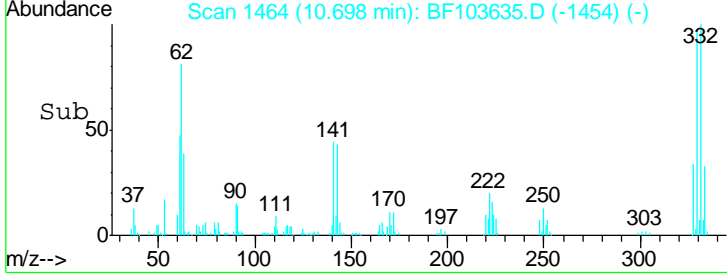
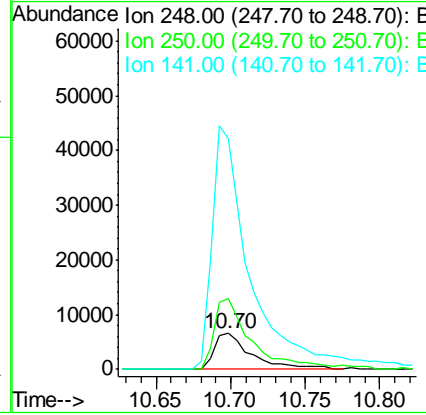
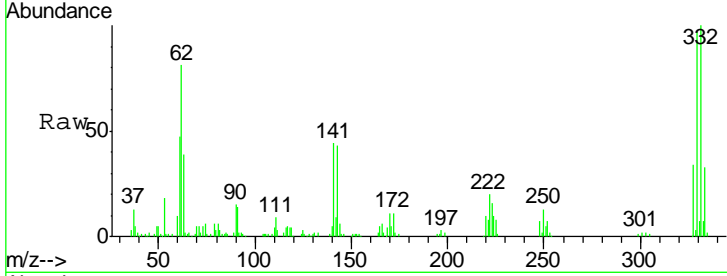




#66
 4-Bromophenyl-phenylether
 Concen: 2.270 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.24 min
 Lab File: BF103635.D
 Acq: 14 Mar 2018 7:15

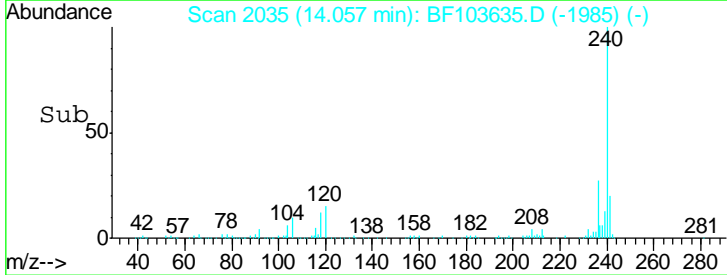
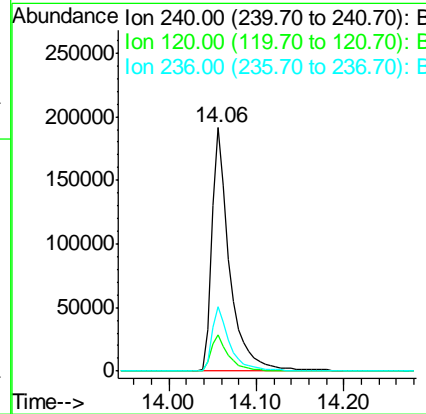
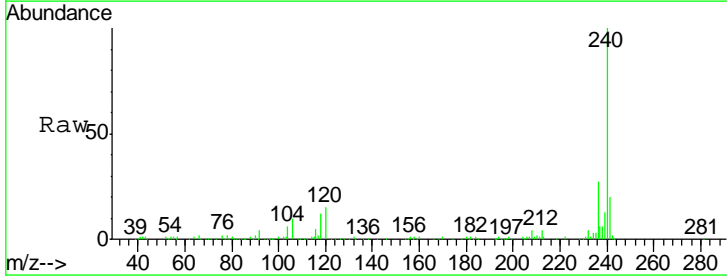
Instrument :
 BNA_F
 ClientSampled :

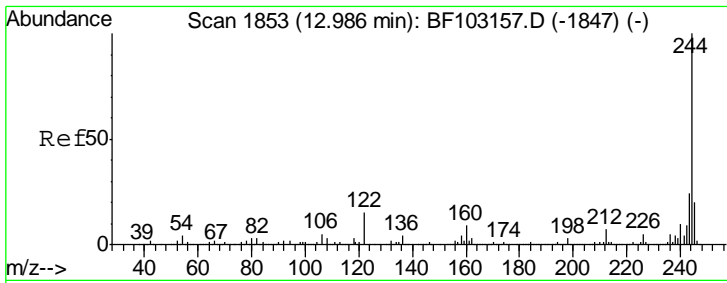
Tgt Ion	Resp	Lower	Upper
248	11357		
248	100		
250	198.4	76.9	115.3#
141	643.8	74.4	111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF103635.D
 Acq: 14 Mar 2018 7:15

Tgt Ion	Resp	Lower	Upper
240	269845		
240	100		
120	14.8	9.5	14.3#
236	26.6	20.7	31.1

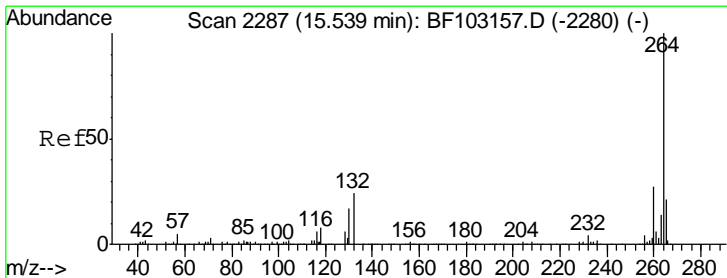
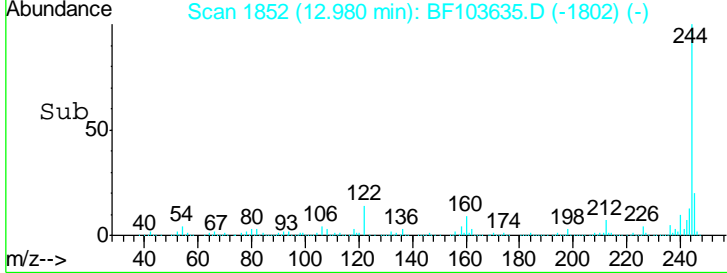
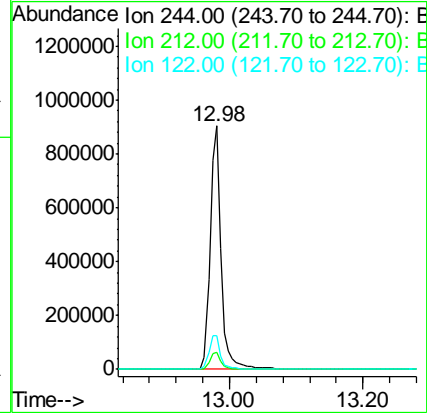
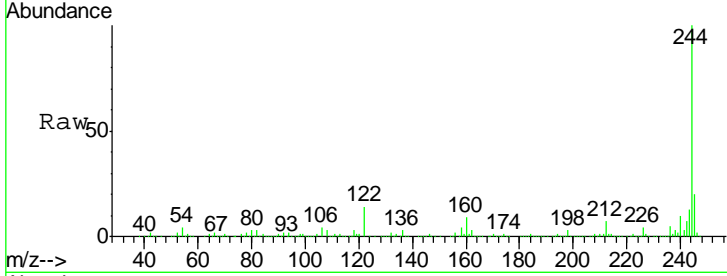




#78
 Terphenyl-d14
 Concen: 90.747 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103635.D
 Acq: 14 Mar 2018 7:15

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
244	1018679		
212	7.0	5.4	8.0
122	13.8	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF103635.D
 Acq: 14 Mar 2018 7:15

Tgt Ion	Resp	Lower	Upper
264	242038		
260	24.2	19.2	28.8
265	21.5	17.5	26.3

