

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099956.D
 Acq On : 30 Oct 2017 13:51
 Operator : SJ/JU
 Sample : I6083-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 16:12:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 16:10:28 2017
 Response via : Initial Calibration

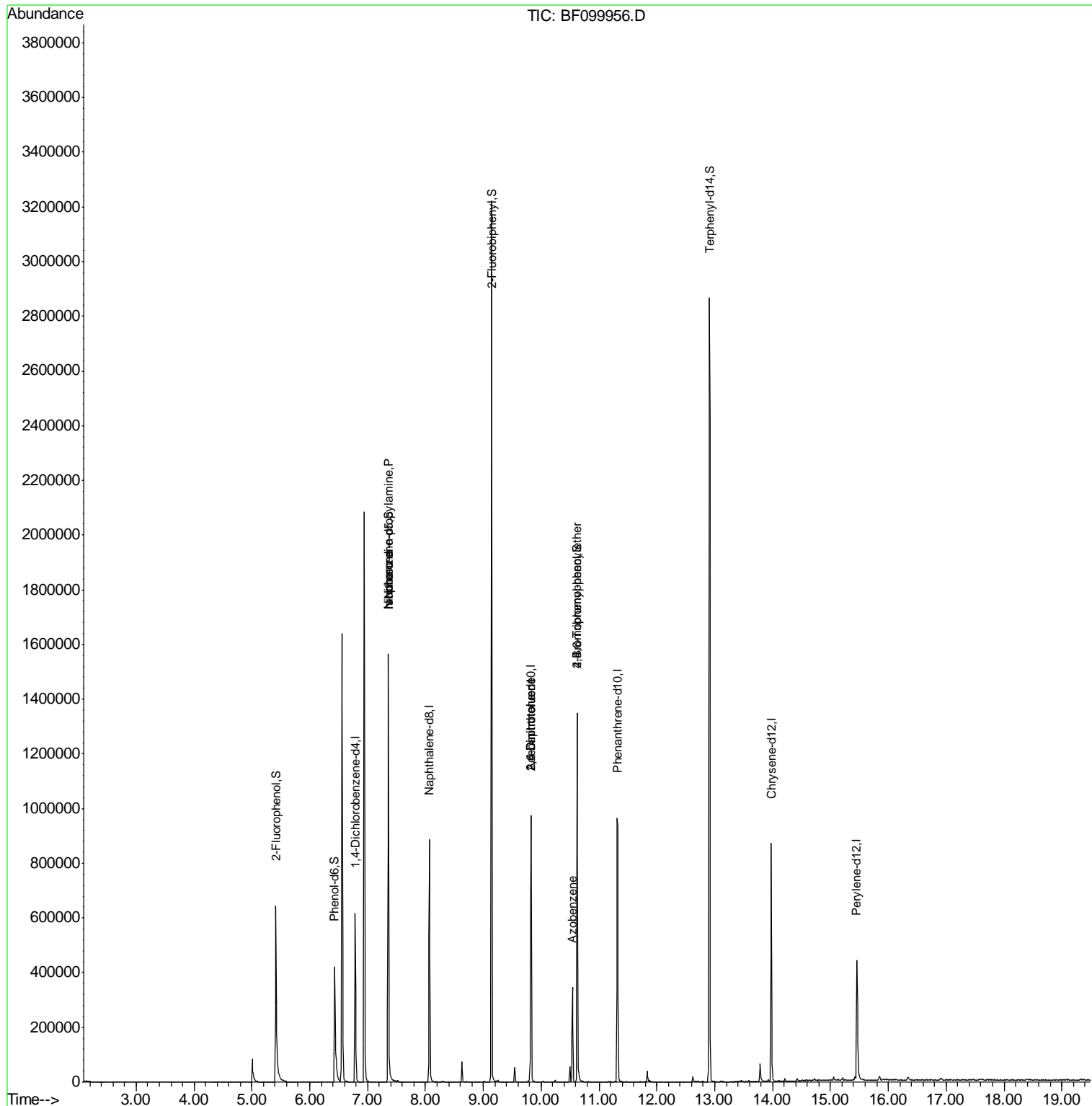
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	103930	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	420399	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	203466	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	389710	20.00	ng	0.00
75) Chrysene-d12	13.97	240	316326	20.00	ng	0.00
86) Perylene-d12	15.46	264	234002	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	295575	44.65	ng	0.00
7) Phenol-d6	6.43	99	238196	30.35	ng	0.00
23) Nitrobenzene-d5	7.36	82	605826	92.78	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	178140	96.07	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1190450	90.27	ng	0.00
78) Terphenyl-d14	12.91	244	1200154	82.91	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	75471	16.407	ng	# 69
25) Isophorone	7.36	82	605821	51.128	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	25636	7.568	ng	# 25
56) 2,4-Dinitrotoluene	9.82	165	25636	6.284	ng	# 23
62) Azobenzene	10.54	77	57237	4.339	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	11797	2.875	ng	# 1

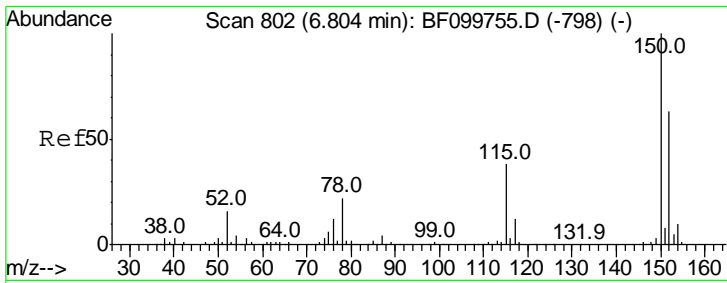
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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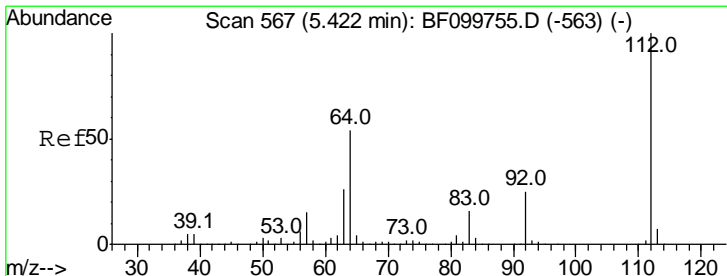
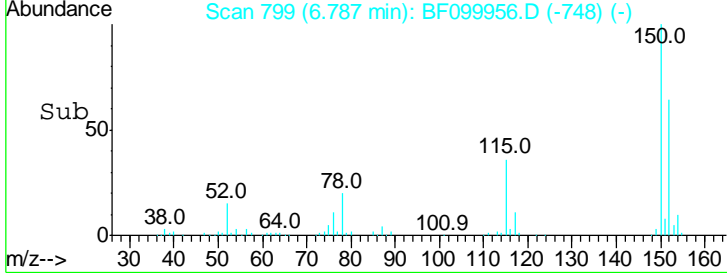
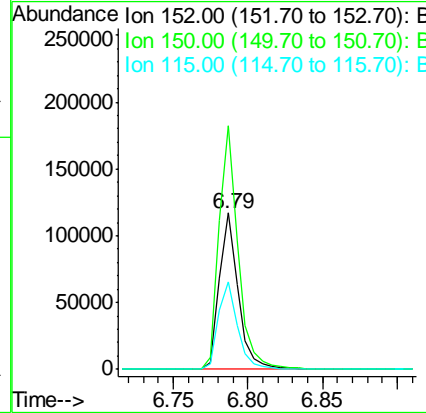
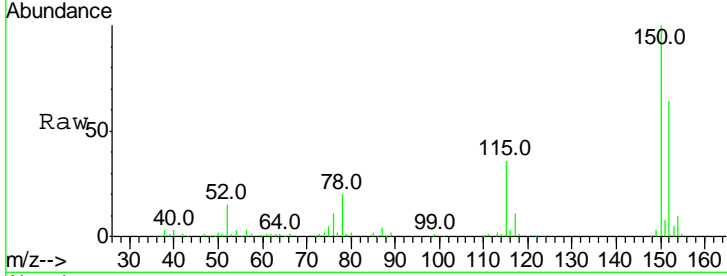




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF099956.D
 Acq: 30 Oct 2017 13:51

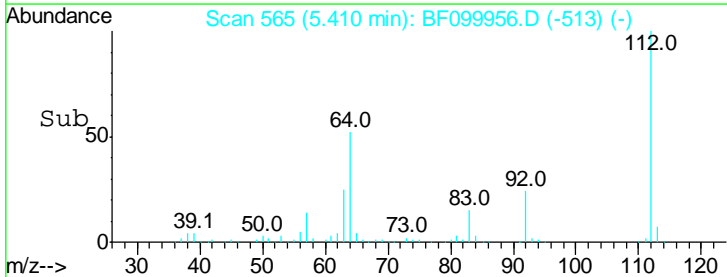
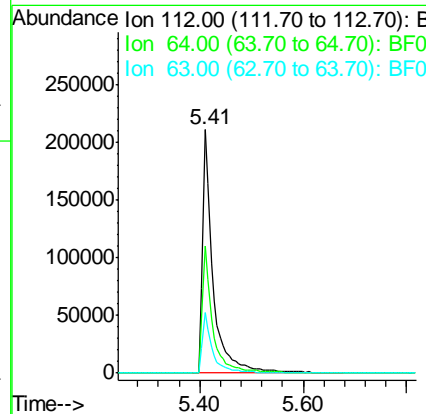
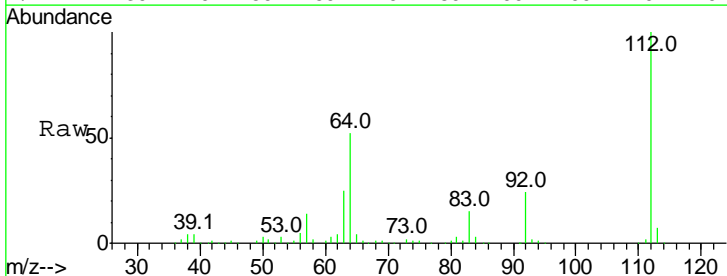
Instrument :
 BNA_F
 ClientSampled :

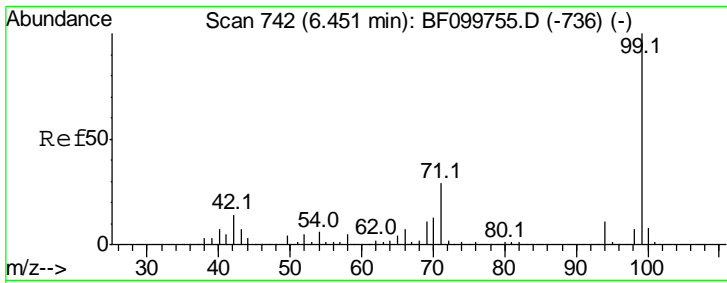
Tgt Ion	Resp	Lower	Upper
152	103930		
152	100		
150	155.9	124.6	186.8
115	56.2	50.1	75.1



#5
 2-Fluorophenol
 Concen: 44.650 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF099956.D
 Acq: 30 Oct 2017 13:51

Tgt Ion	Resp	Lower	Upper
112	295575		
112	100		
64	52.2	47.9	71.9
63	24.7	23.7	35.5

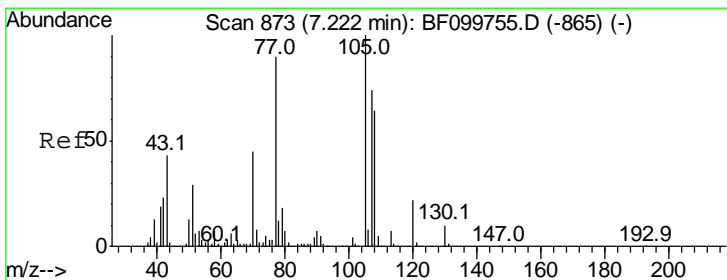
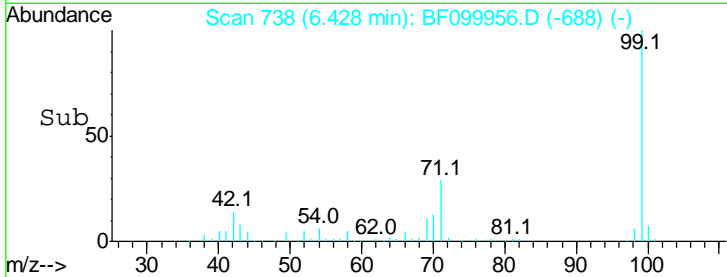
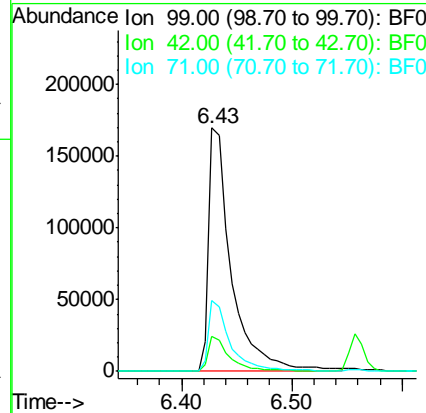
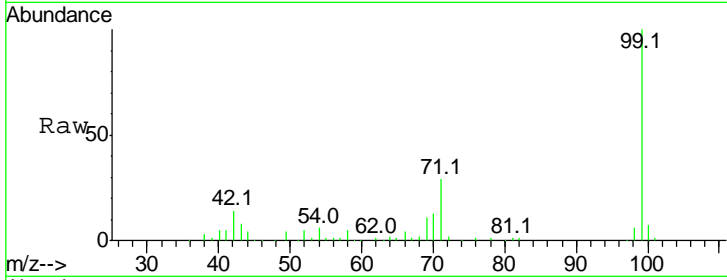




#7
 Phenol-d6
 Concen: 30.346 ng
 RT: 6.43 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BF099956.D
 Acq: 30 Oct 2017 13:51

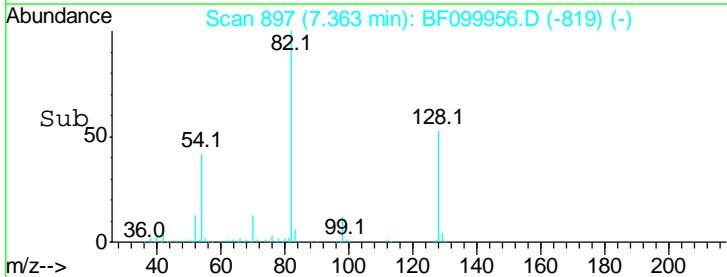
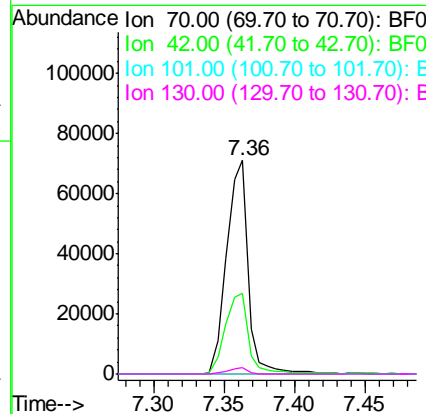
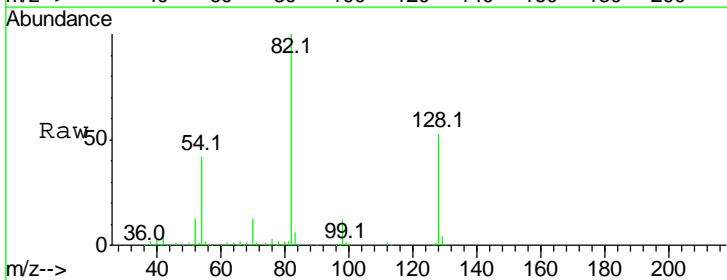
Instrument :
 BNA_F
 ClientSampled :

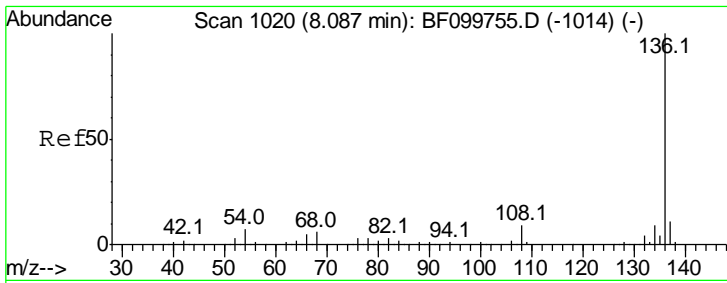
Tgt Ion	Resp	Lower	Upper
99	100		
42	14.4	14.5	21.7#
71	29.0	25.4	38.0



#19
 n-Nitroso-di-n-propylamine
 Concen: 16.407 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.16 min
 Lab File: BF099956.D
 Acq: 30 Oct 2017 13:51

Tgt Ion	Resp	Lower	Upper
70	100		
42	37.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.9	16.6	25.0#

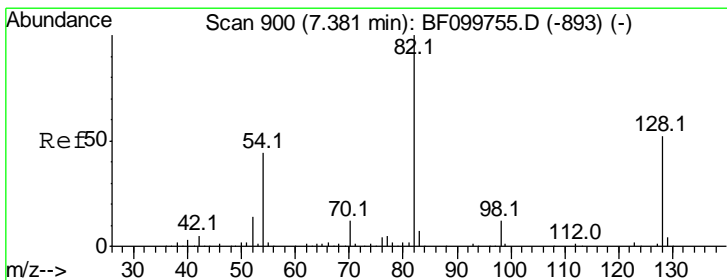
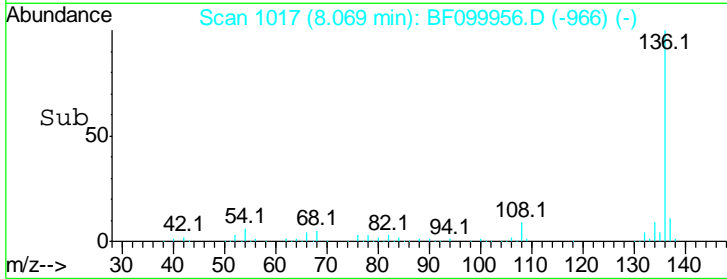
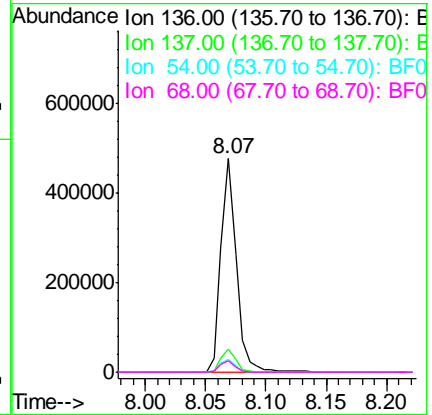
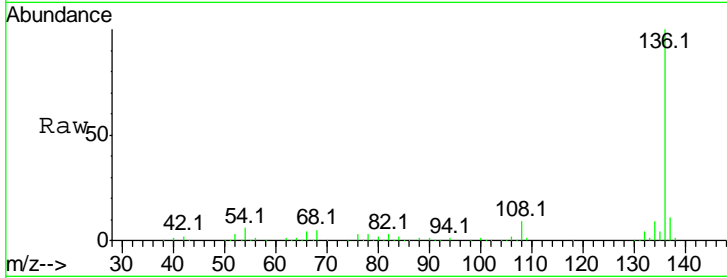




#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF099956.D
 Acq: 30 Oct 2017 13:51

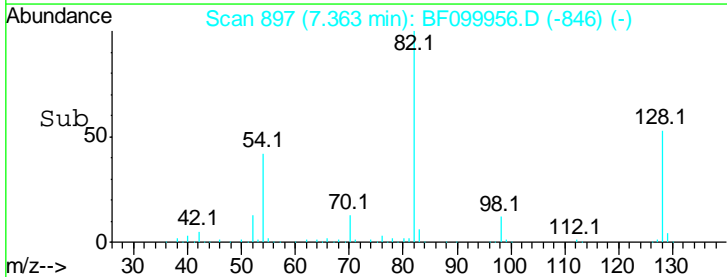
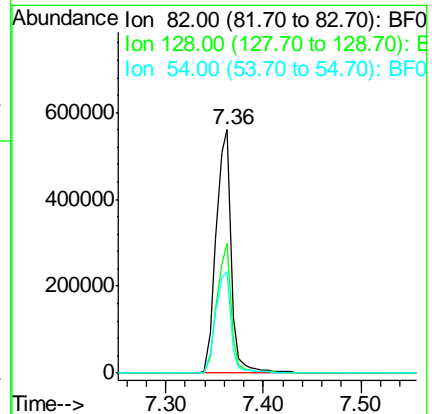
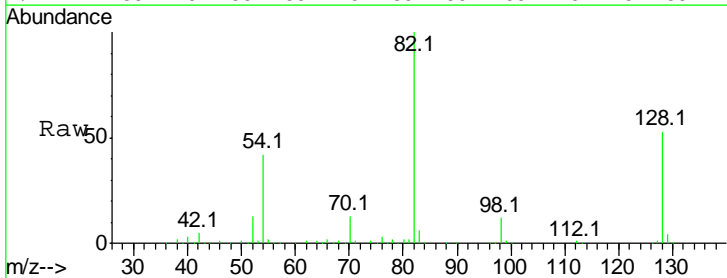
Instrument :
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 ClientSampled :

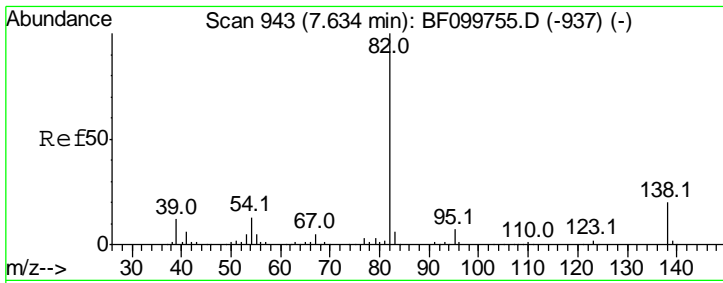
Tgt Ion	Resp	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.3	6.6	9.8#
68	5.5	5.0	7.4



#23
 Nitrobenzene-d5
 Concen: 92.777 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF099956.D
 Acq: 30 Oct 2017 13:51

Tgt Ion	Resp	Lower	Upper
82	100		
128	53.2	36.1	54.1
54	41.8	41.4	62.2

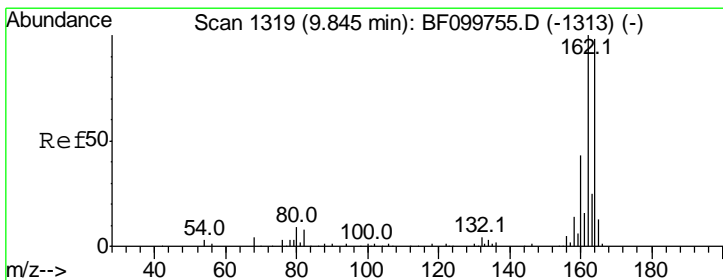
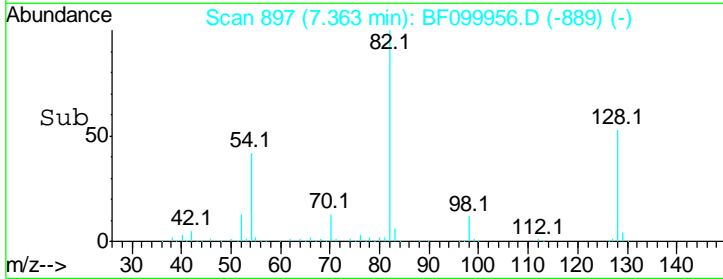
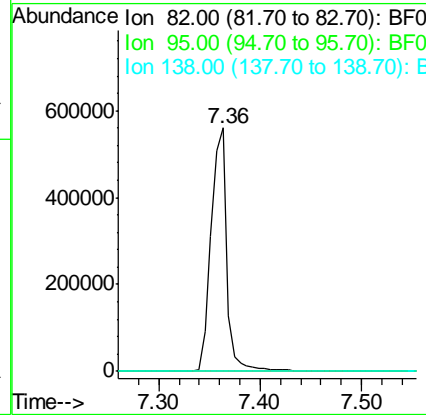
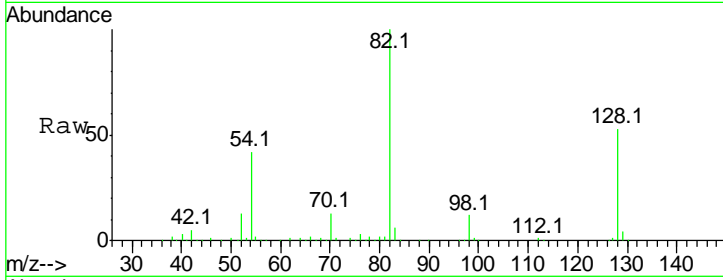




#25
 Isophorone
 Concen: 51.128 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.25 min
 Lab File: BF099956.D
 Acq: 30 Oct 2017 13:51

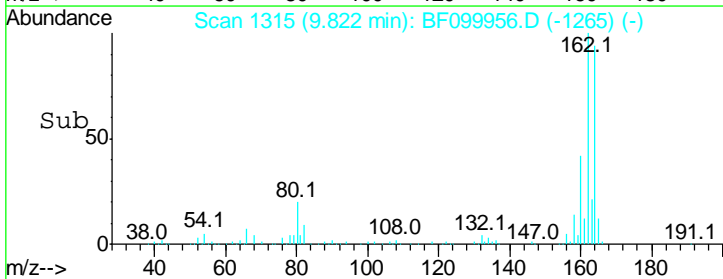
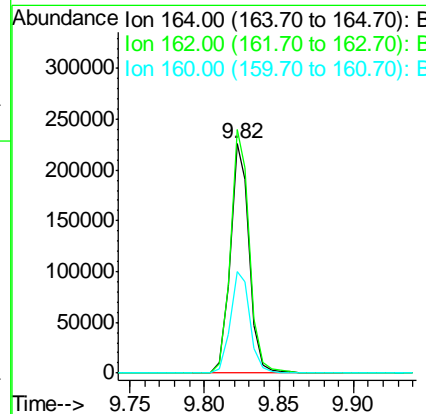
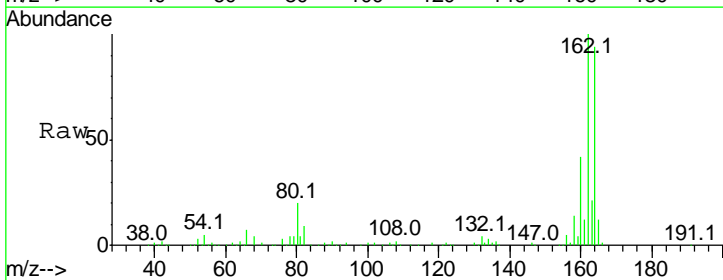
Instrument :
 BNA_F
 ClientSampled :

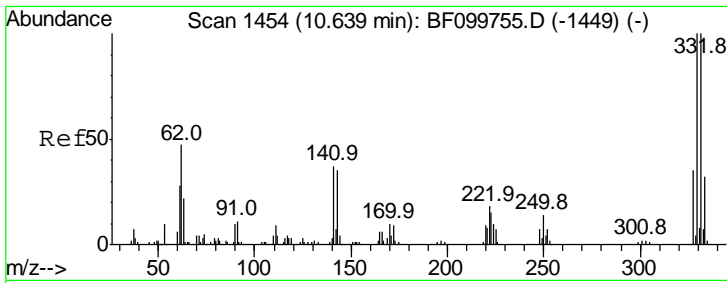
Tgt Ion	Resp	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF099956.D
 Acq: 30 Oct 2017 13:51

Tgt Ion	Resp	Lower	Upper
164	100		
162	106.2	86.1	129.1
160	44.3	38.3	57.5

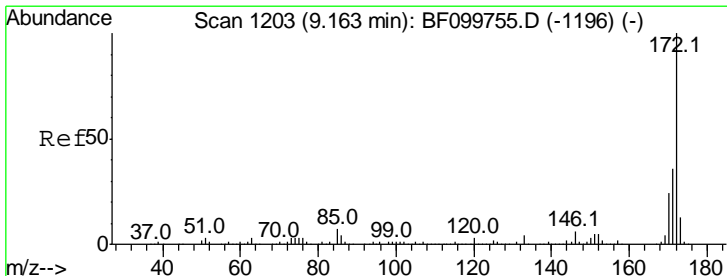
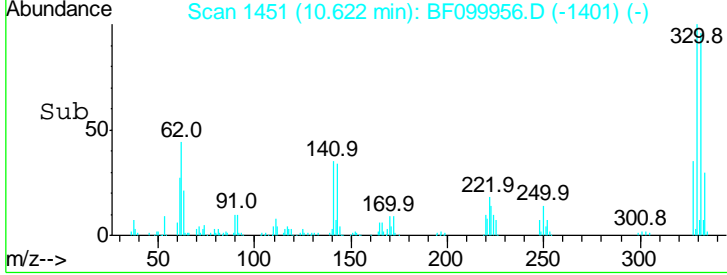
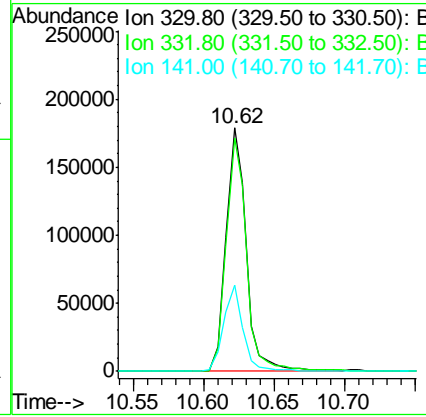
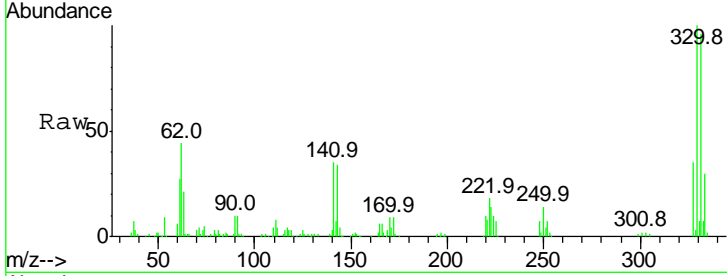




#41
 2,4,6-Tribromophenol
 Concen: 96.073 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF099956.D
 Acq: 30 Oct 2017 13:51

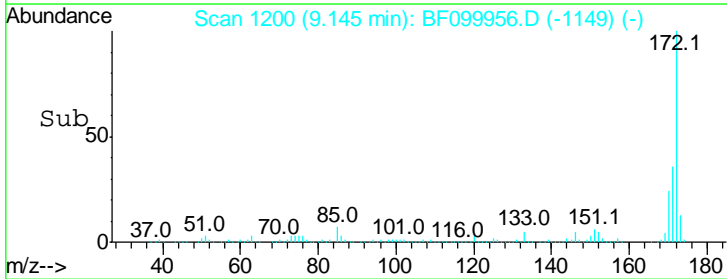
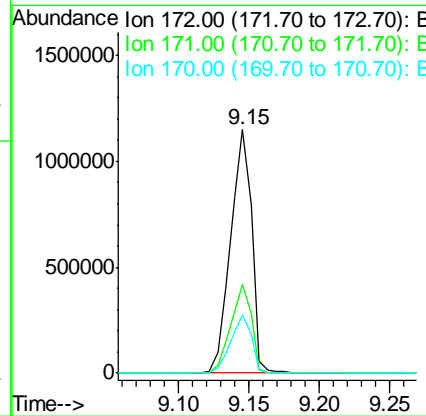
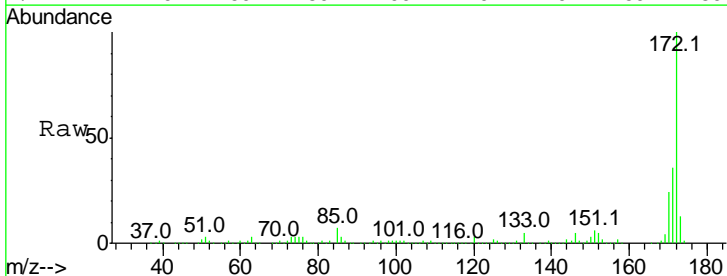
Instrument :
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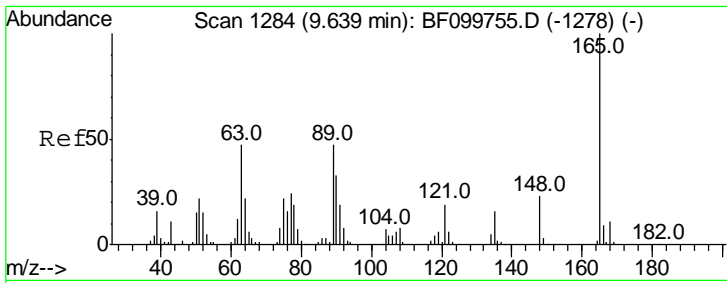
Tgt Ion	Resp	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	34.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 90.269 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF099956.D
 Acq: 30 Oct 2017 13:51

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.0	19.6	29.4

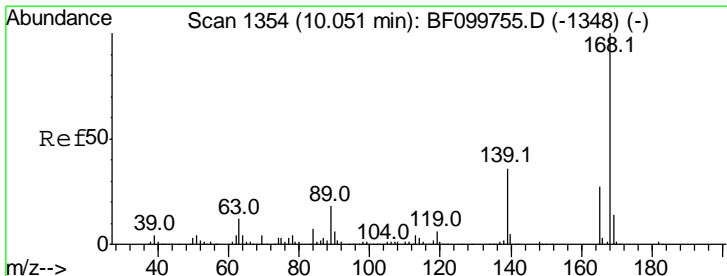
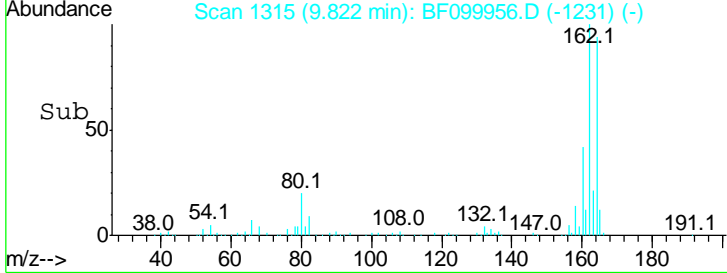
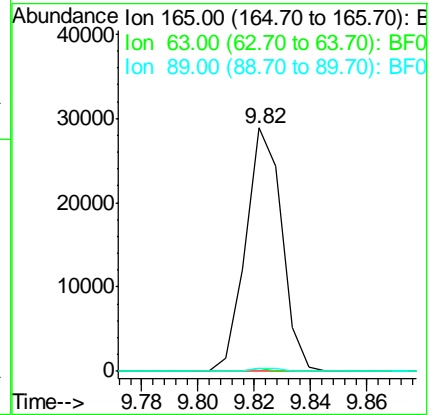
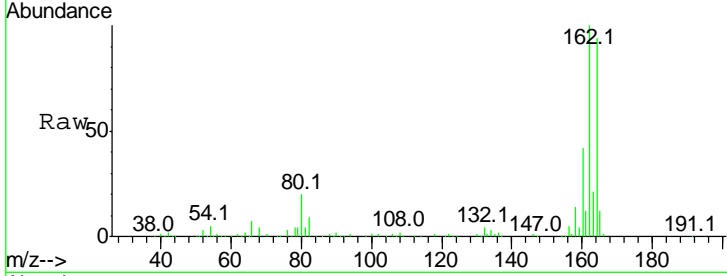




#50
 2,6-Dinitrotoluene
 Concen: 7.568 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.19 min
 Lab File: BF099956.D
 Acq: 30 Oct 2017 13:51

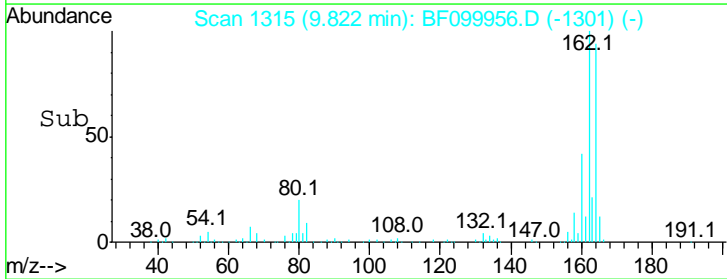
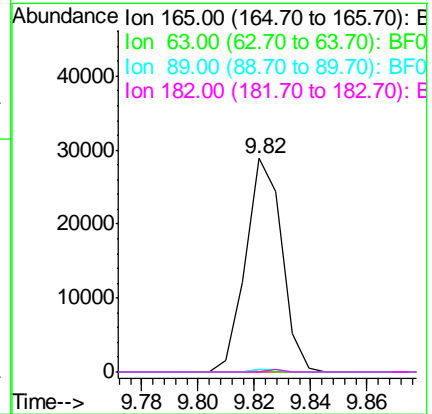
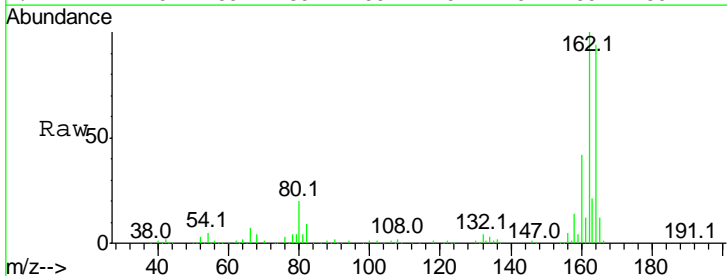
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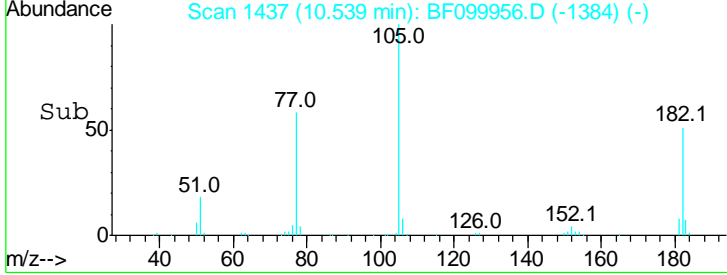
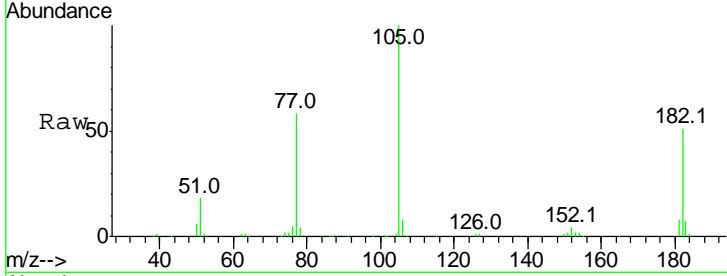
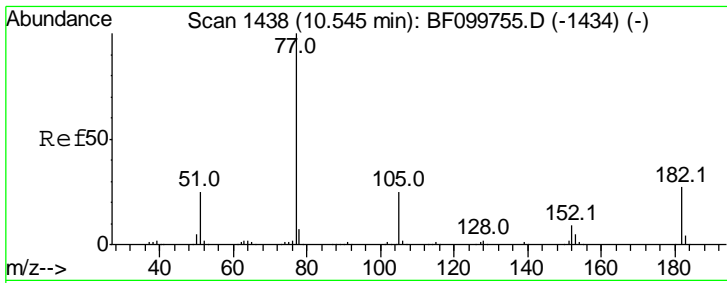
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.2	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.284 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF099956.D
 Acq: 30 Oct 2017 13:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

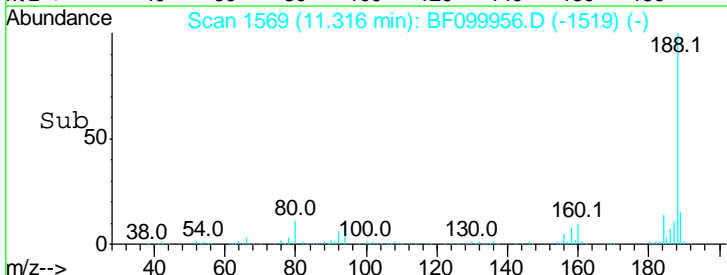
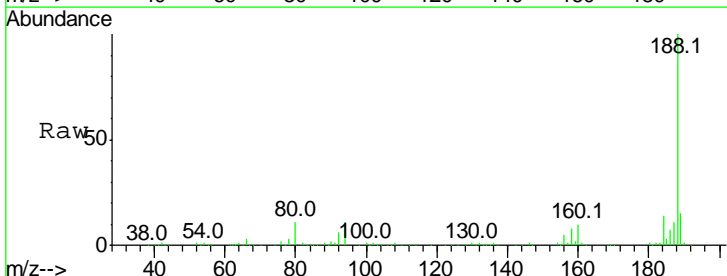
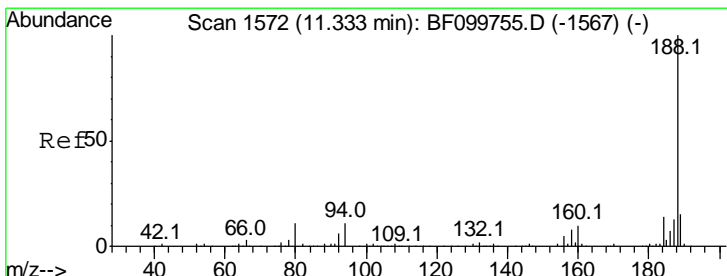
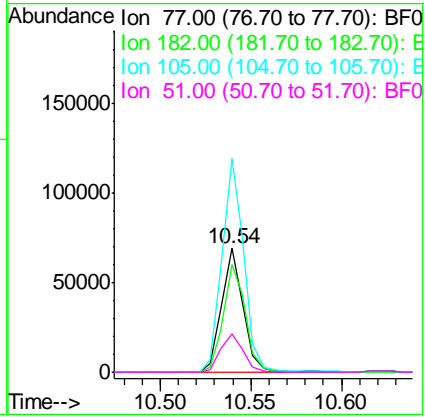




#62
 Azobenzene
 Concen: 4.339 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.01 min
 Lab File: BF099956.D
 Acq: 30 Oct 2017 13:51

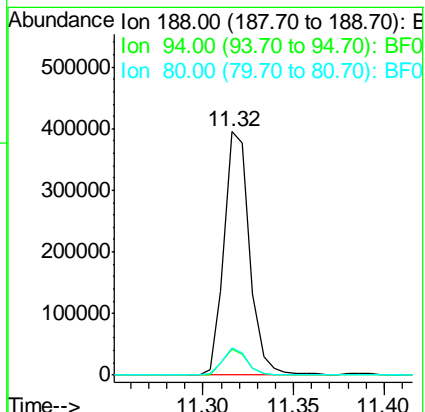
Instrument :
 BNA_F
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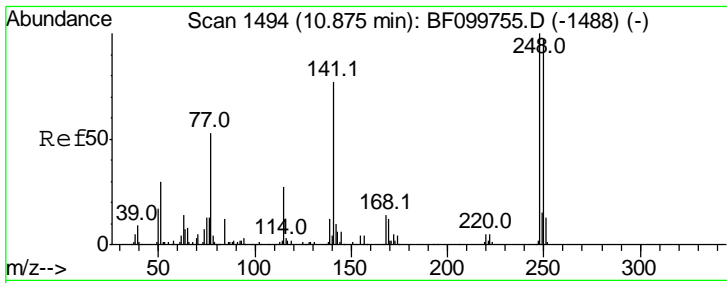
Tgt Ion	Resp	Lower	Upper
77	100		
182	87.1	1.7	41.7#
105	172.4	3.0	43.0#
51	31.5	9.9	49.9



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF099956.D
 Acq: 30 Oct 2017 13:51

Tgt Ion	Resp	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.4	9.2	13.8

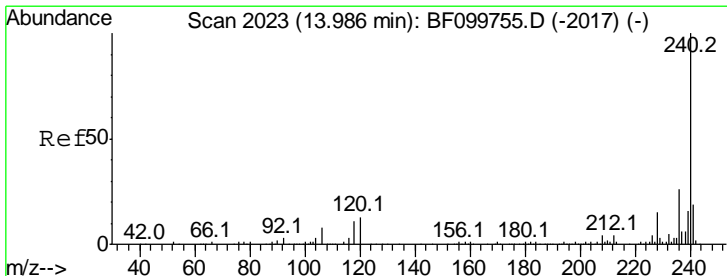
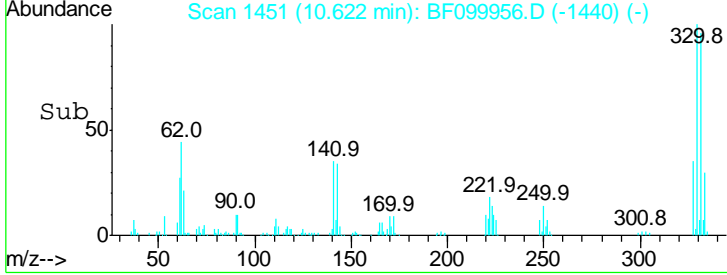
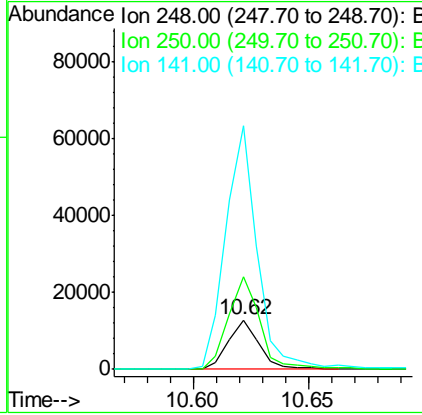
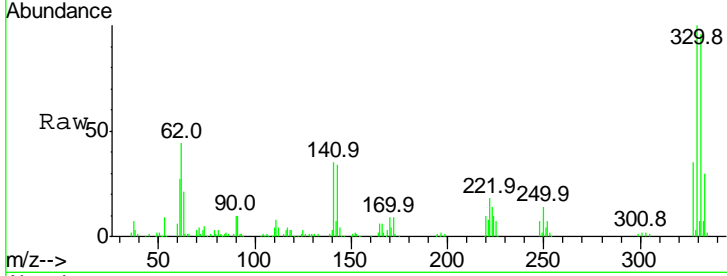




#66
 4-Bromophenyl-phenylether
 Concen: 2.875 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.24 min
 Lab File: BF099956.D
 Acq: 30 Oct 2017 13:51

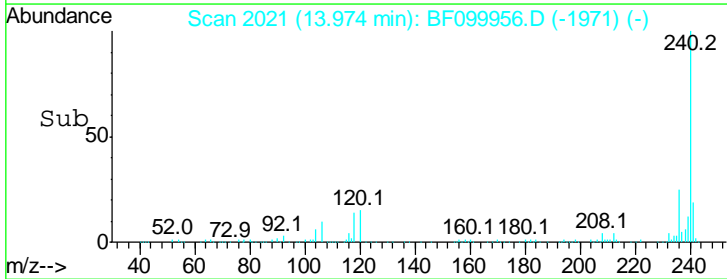
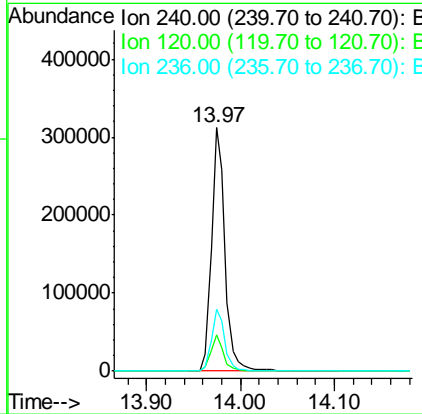
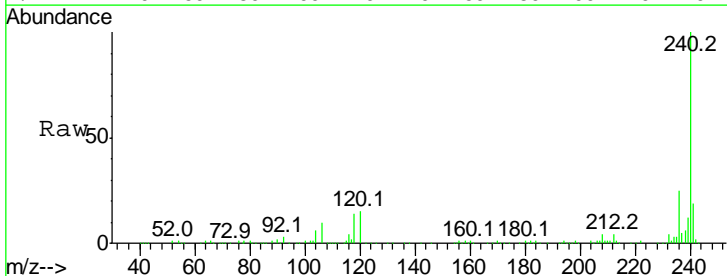
Instrument :
 BNA_F
 ClientSampled :

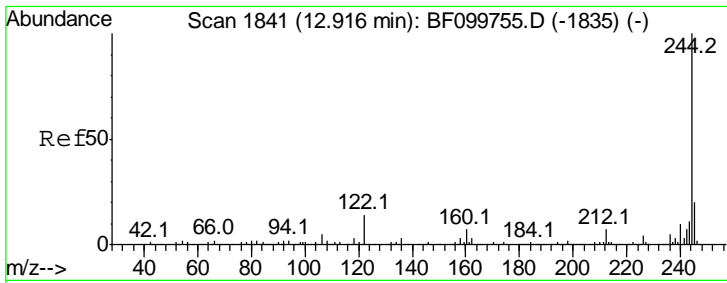
Tgt Ion	Resp	Lower	Upper
248	11797		
250	189.8	76.9	115.3#
141	496.5	74.4	111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF099956.D
 Acq: 30 Oct 2017 13:51

Tgt Ion	Resp	Lower	Upper
240	316326		
120	15.0	9.5	14.3#
236	25.4	20.7	31.1



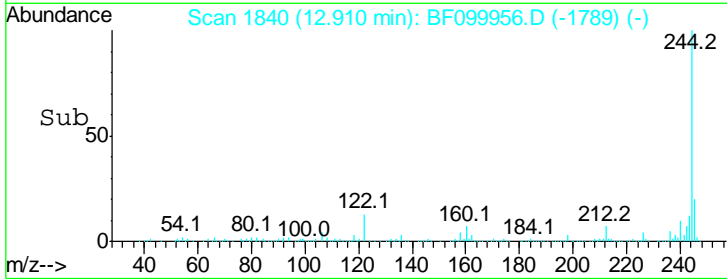
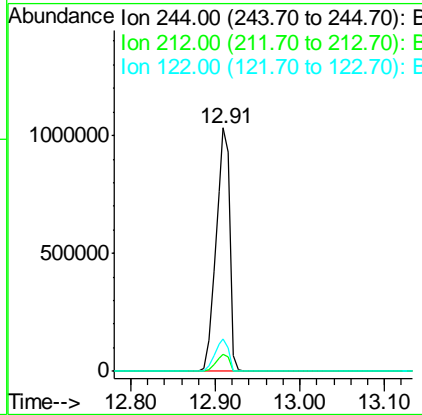
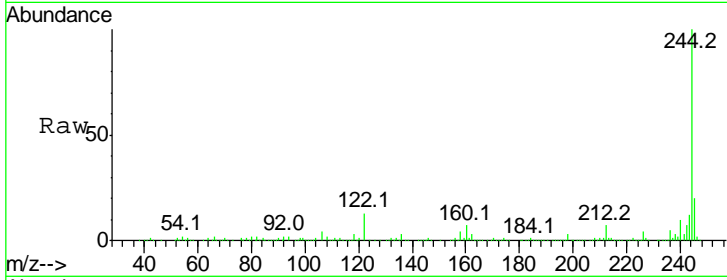


#78
 Terphenyl-d14
 Concen: 82.914 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF099956.D
 Acq: 30 Oct 2017 13:51

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion: 244 Resp: 1200154

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.3	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF099956.D
 Acq: 30 Oct 2017 13:51

Tgt Ion: 264 Resp: 234002

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.8	17.5	26.3

