

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090748.D
 Acq On : 22 Oct 2016 8:46
 Operator : UM/SJ
 Sample : H5308-23
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-103D

Quant Time: Oct 24 00:46:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

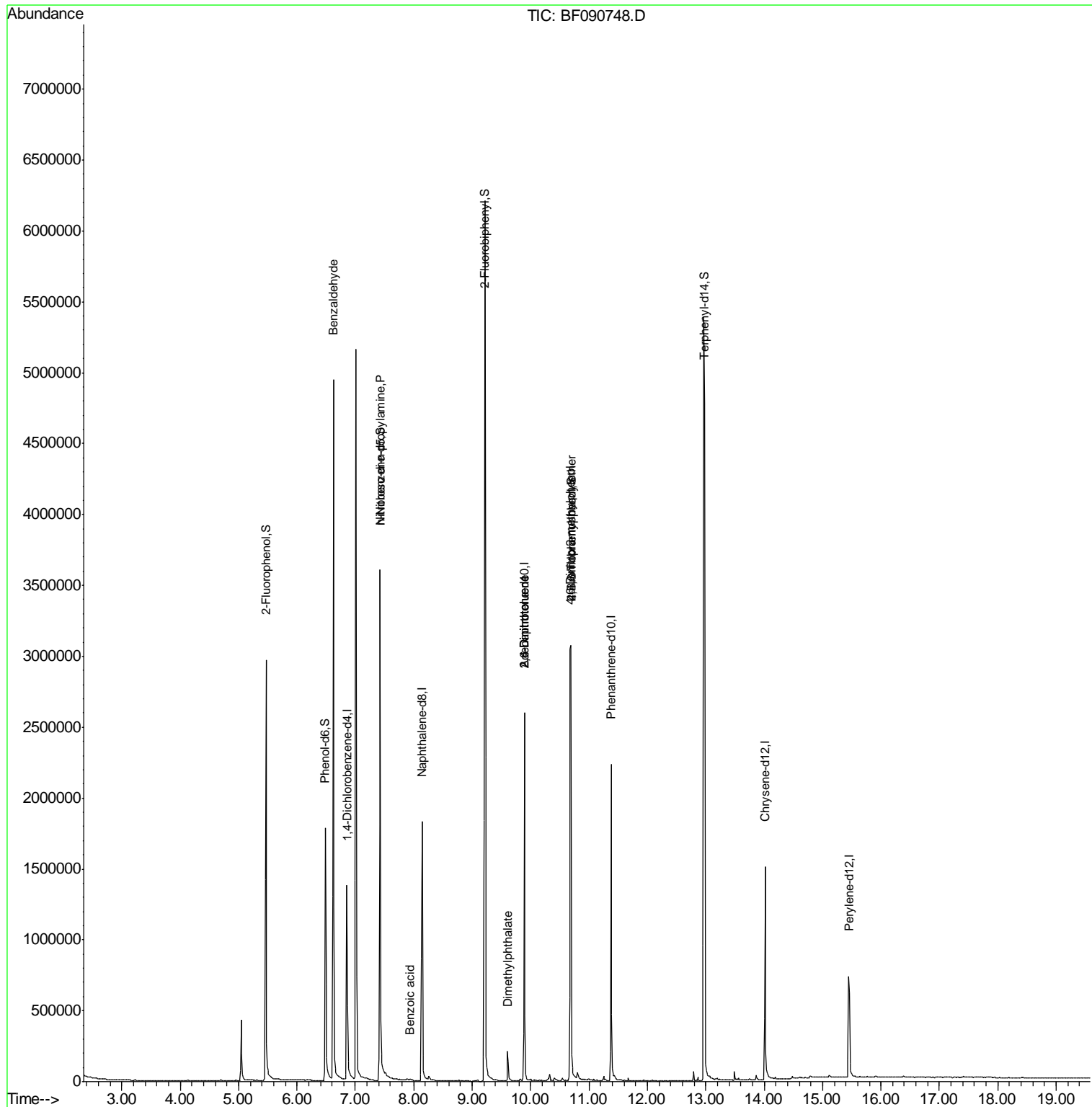
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	252824	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1075996	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	543955	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	849026	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	578052	20.00	ng	0.00
86) Perylene-d12	15.45	264	388396	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1013968	64.68	ng	0.01
7) Phenol-d6	6.49	99	781688	36.81	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1694925	86.40	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	702467	163.16	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2579259	73.61	ng	-0.01
78) Terphenyl-d14	12.98	244	2742919	108.75	ng	0.01
Target Compounds						
9) Benzaldehyde	6.62	77	35776	3.08	ng	# 58
19) n-Nitroso-di-n-propylamine	7.42	70	227153	14.36	ng	# 52
32) Benzoic acid	7.94	122	818	7.61	ng	# 36
49) Dimethylphthalate	9.61	163	120028	3.51	ng	# 96
50) 2,6-Dinitrotoluene	9.89	165	70735	9.62	ng	# 39
56) 2,4-Dinitrotoluene	9.89	165	71568	7.97	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	1245	4.39	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	44869	5.45	ng	# 1

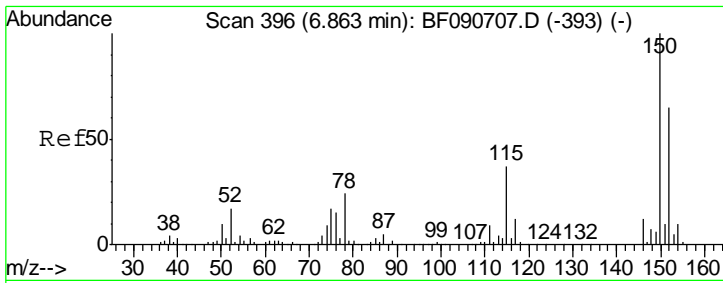
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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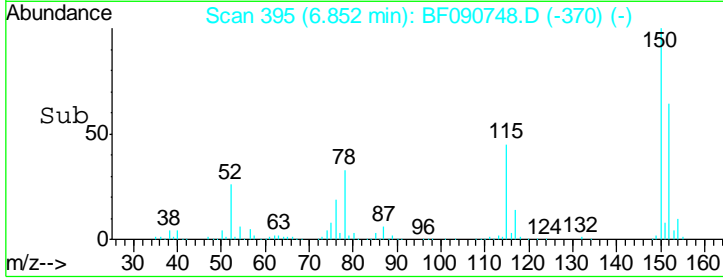
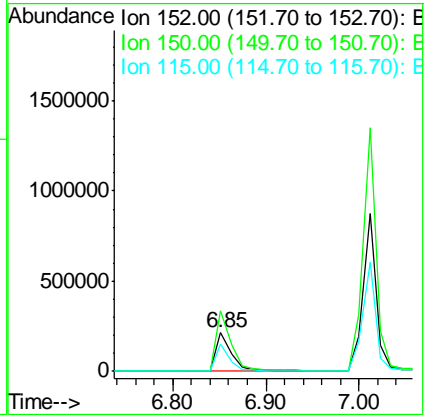
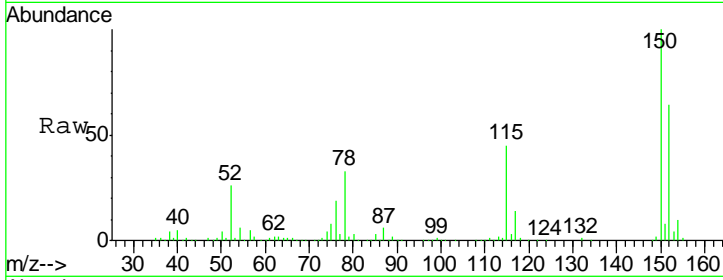




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 395
 Delta R.T. -0.01 min
 Lab File: BF090748.D
 Acq: 22 Oct 2016 8:46

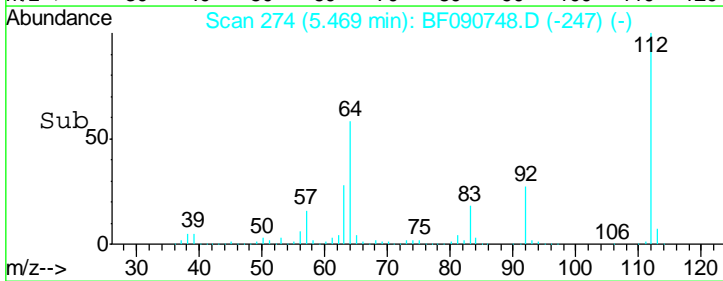
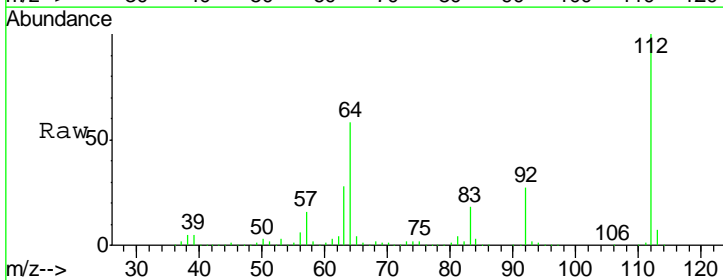
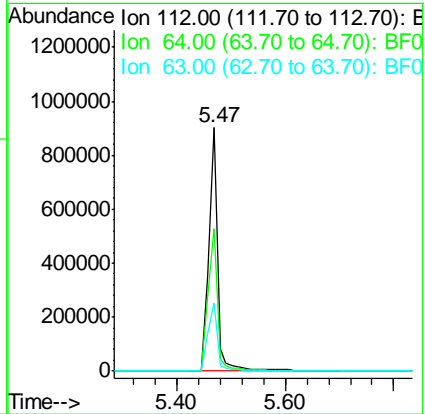
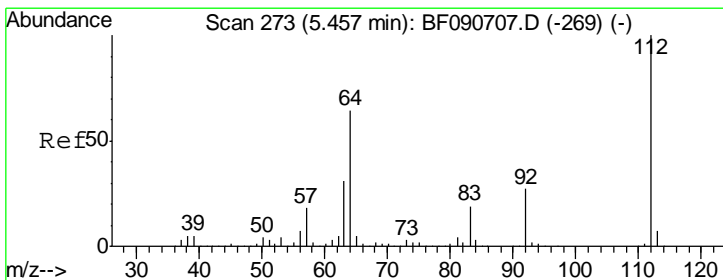
Instrument :
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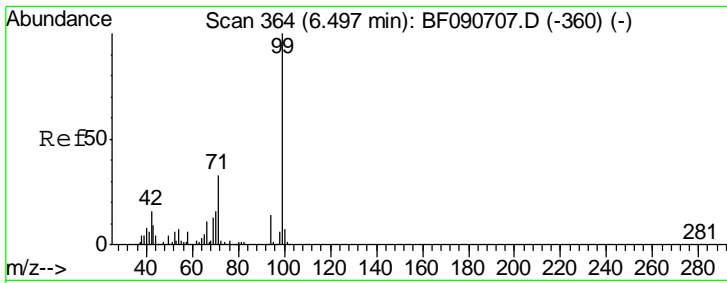
Tgt Ion	Resp	Lower	Upper
152	252824		
150	157.1	124.7	187.1
115	70.1	39.0	58.4#



#5
 2-Fluorophenol
 Concen: 64.68 ng
 RT: 5.47 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: BF090748.D
 Acq: 22 Oct 2016 8:46

Tgt Ion	Resp	Lower	Upper
112	1013968		
64	58.4	39.7	59.5
63	28.2	17.4	26.0#

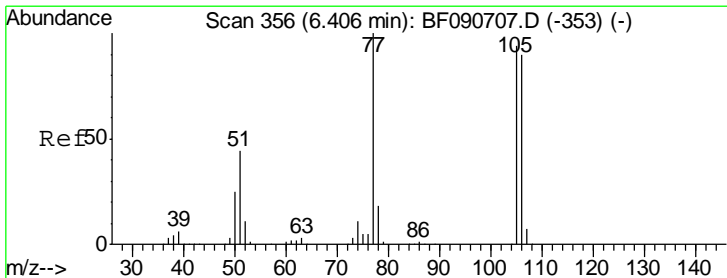
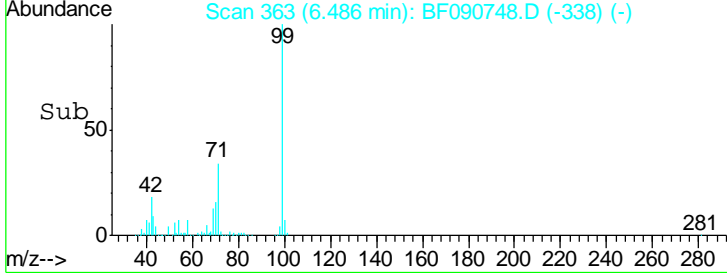
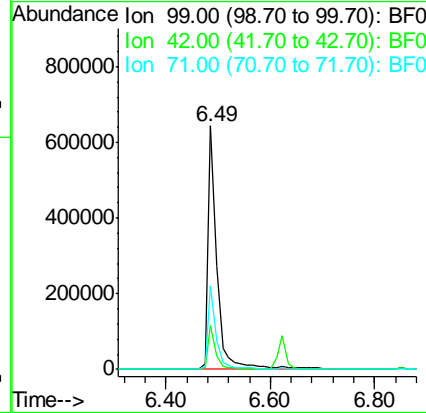
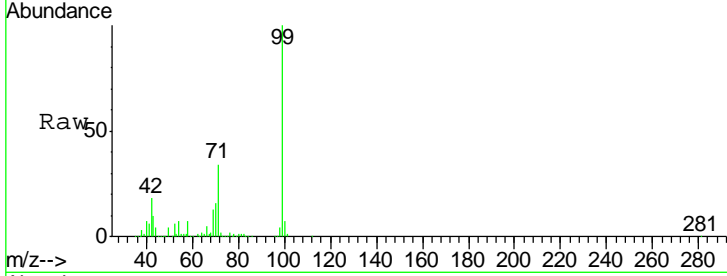




#7
 Phenol-d6
 Concen: 36.81 ng
 RT: 6.49 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: BF090748.D
 Acq: 22 Oct 2016 8:46

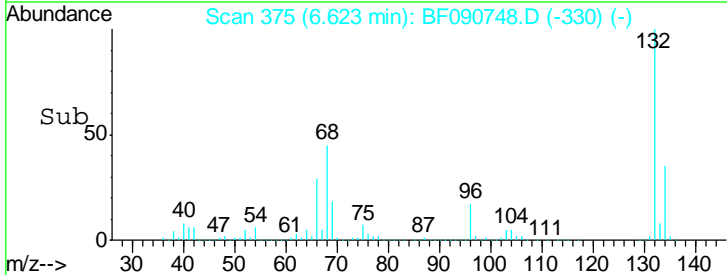
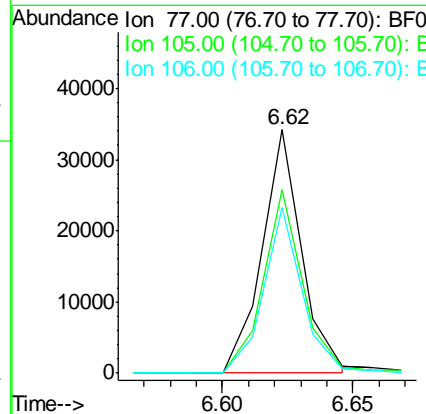
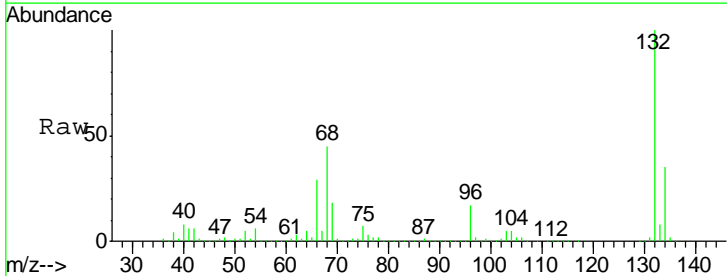
Instrument :
 BNA_F
 ClientSampled :
 MW-103D

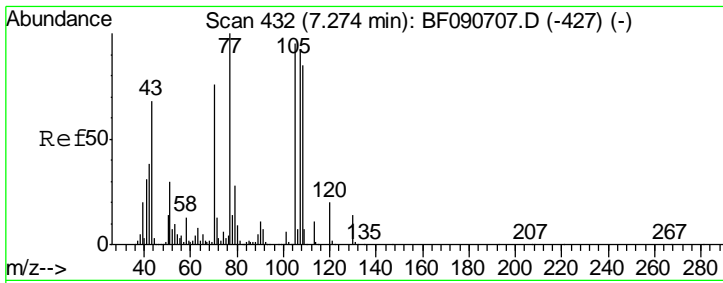
Tgt Ion	Resp	Lower	Upper
99	781688		
42	18.1	13.7	20.5
71	34.3	14.2	21.2#



#9
 Benzaldehyde
 Concen: 3.08 ng
 RT: 6.62 min Scan# 375
 Delta R.T. 0.22 min
 Lab File: BF090748.D
 Acq: 22 Oct 2016 8:46

Tgt Ion	Resp	Lower	Upper
77	35776		
105	75.2	91.6	131.6#
106	67.9	102.6	142.6#

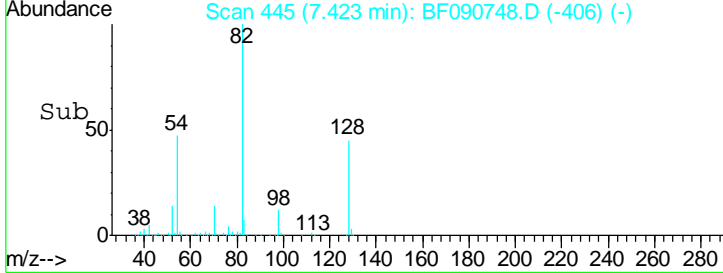
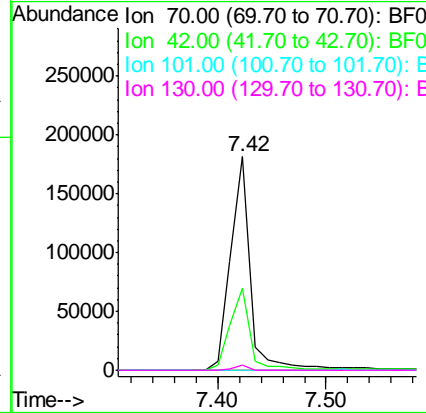
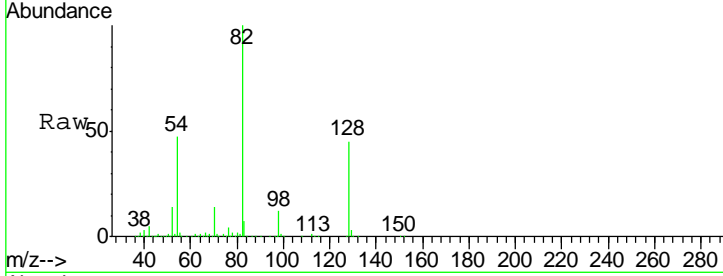




#19
 n-Nitroso-di-n-propylamine
 Concen: 14.36 ng
 RT: 7.42 min Scan# 445
 Delta R.T. 0.15 min
 Lab File: BF090748.D
 Acq: 22 Oct 2016 8:46

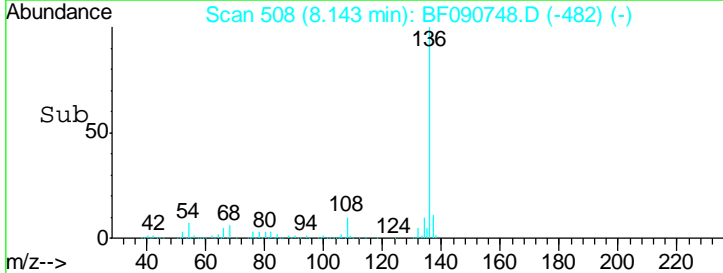
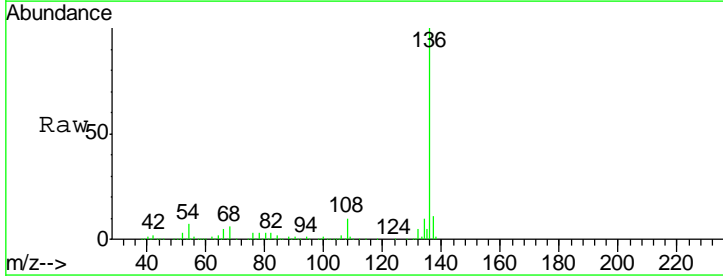
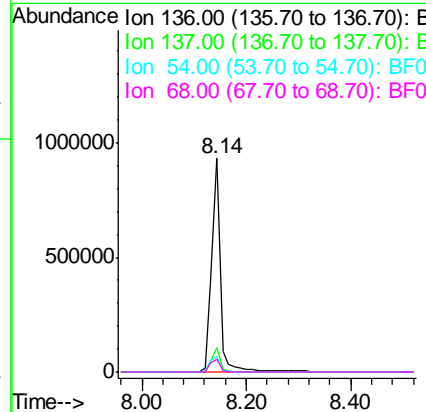
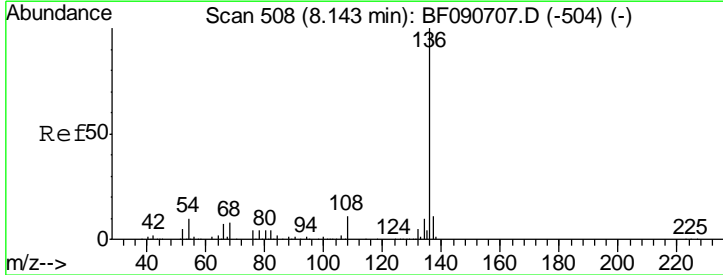
Instrument :
 BNA_F
ClientSampled :
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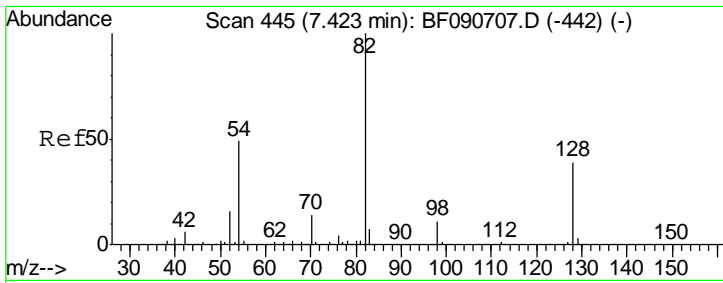
Tgt Ion	Resp	Lower	Upper
70	227153		
70	100		
42	38.4	63.8	95.6#
101	0.0	9.2	13.8#
130	2.1	27.3	40.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.14 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF090748.D
 Acq: 22 Oct 2016 8:46

Tgt Ion	Resp	Lower	Upper
136	1075996		
136	100		
137	11.2	9.0	13.6
54	7.2	8.2	12.2#
68	6.3	5.8	8.6

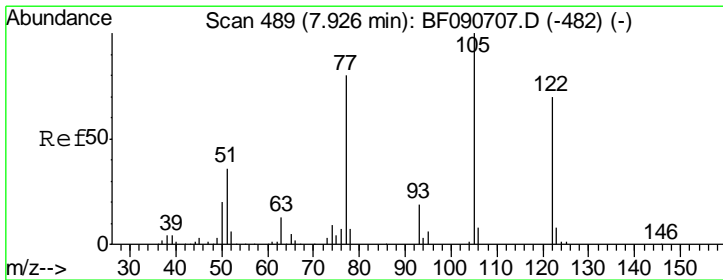
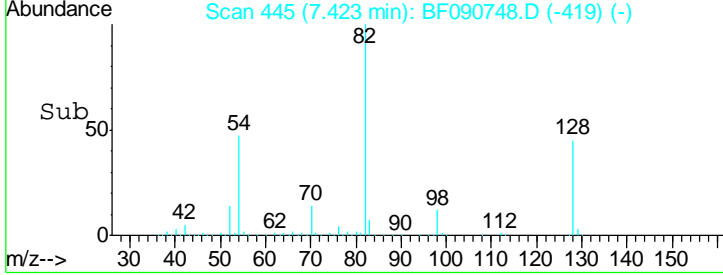
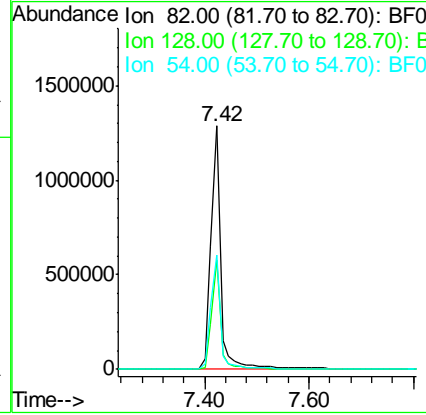
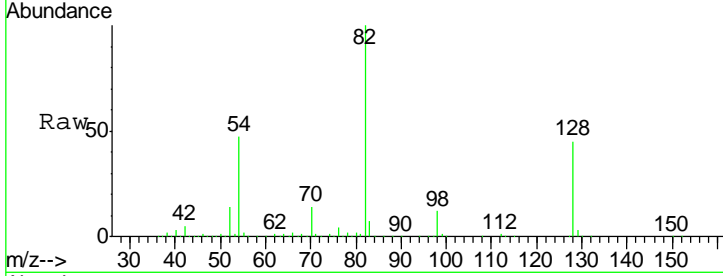




#23
 Nitrobenzene-d5
 Concen: 86.40 ng
 RT: 7.42 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF090748.D
 Acq: 22 Oct 2016 8:46

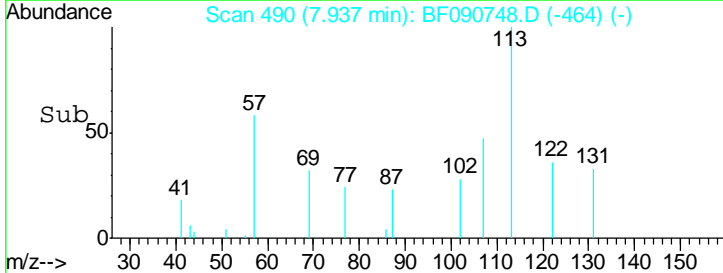
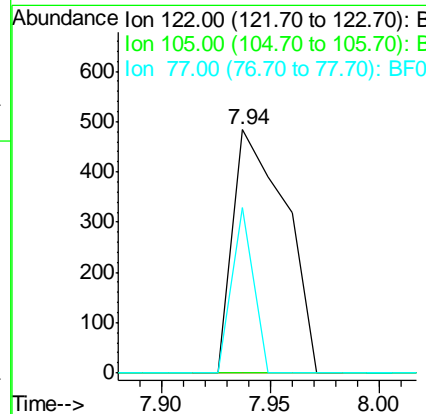
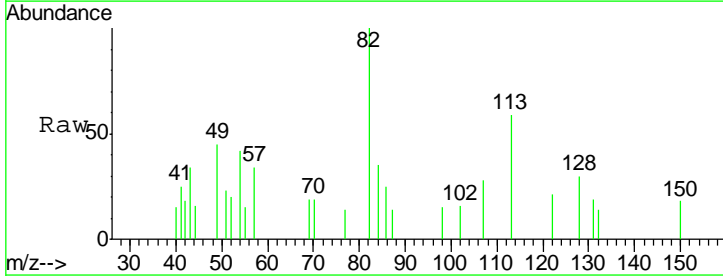
Instrument :
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ClientSampled :
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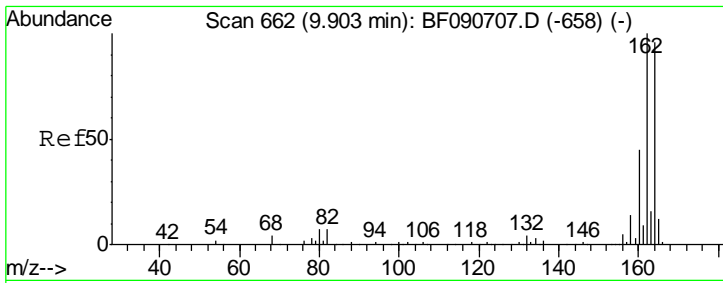
Tgt Ion	Resp	Lower	Upper
82	1694925		
128	44.9	51.0	76.6#
54	46.7	47.5	71.3#



#32
 Benzoic acid
 Concen: 7.61 ng
 RT: 7.94 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: BF090748.D
 Acq: 22 Oct 2016 8:46

Tgt Ion	Resp	Lower	Upper
122	818		
105	0.0	76.1	116.1#
77	67.8	40.5	80.5

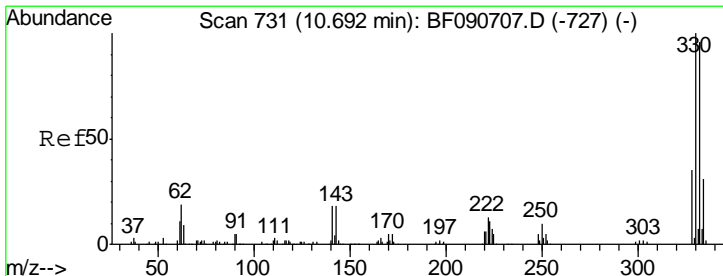
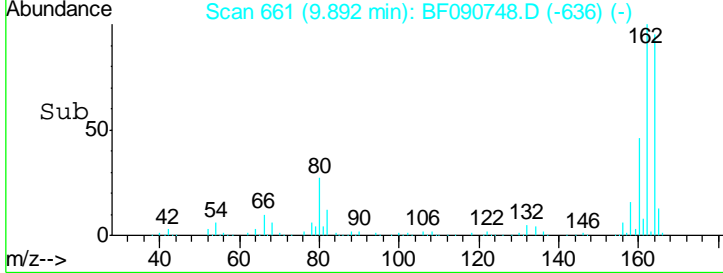
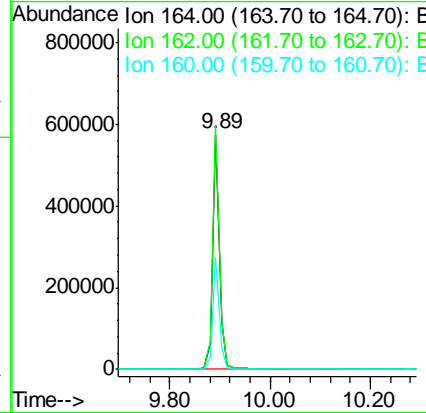
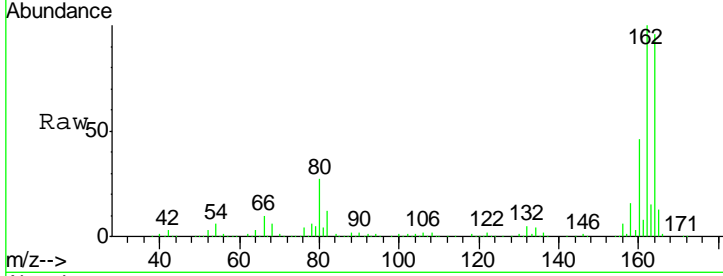




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF090748.D
 Acq: 22 Oct 2016 8:46

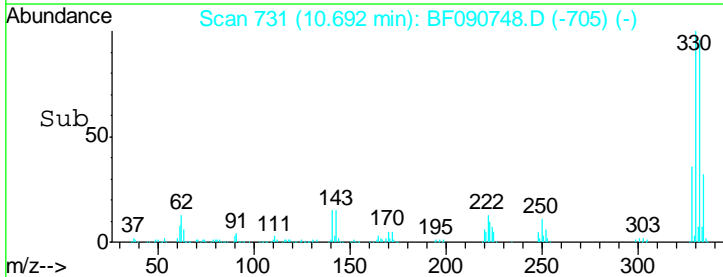
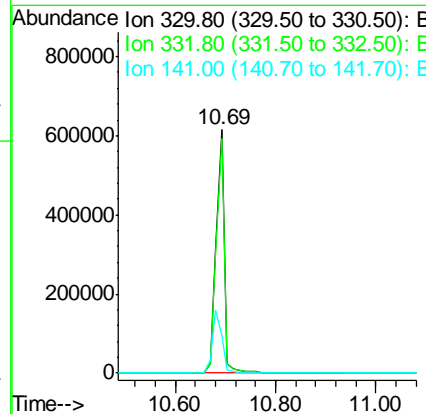
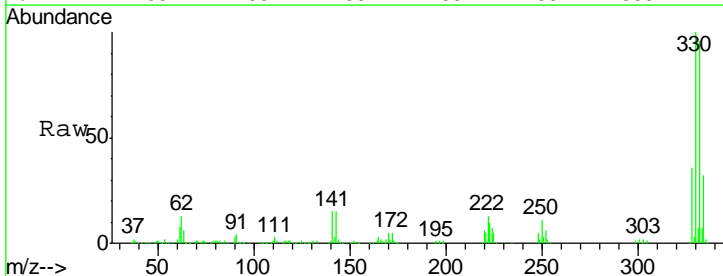
Instrument :
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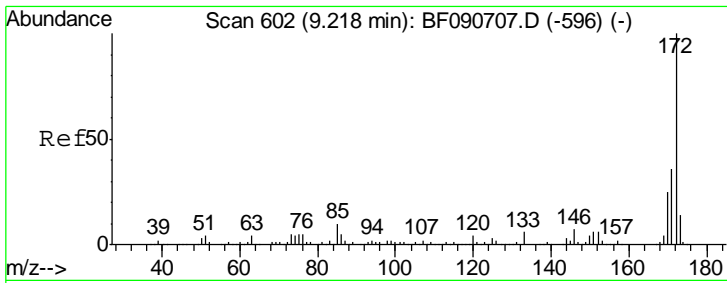
Tgt Ion	Resp	Lower	Upper
164	100		
162	103.7	75.2	112.8
160	47.8	31.5	47.3#



#41
 2,4,6-Tribromophenol
 Concen: 163.16 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090748.D
 Acq: 22 Oct 2016 8:46

Tgt Ion	Resp	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	30.7	29.7	44.5



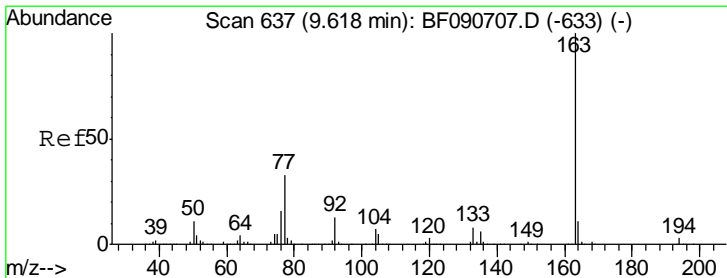
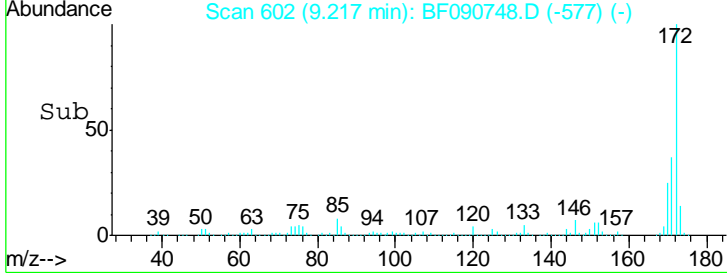
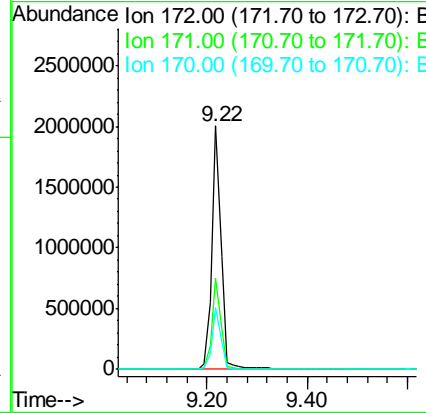
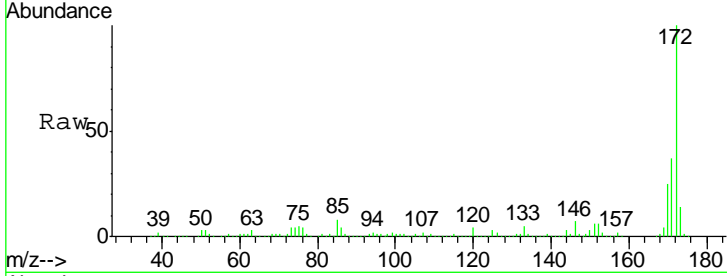


#44
 2-Fluorobiphenyl
 Concen: 73.61 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090748.D
 Acq: 22 Oct 2016 8:46

Instrument :
 BNA_F
ClientSampled :
 MW-103D

Tgt Ion:172 Resp: 2579259

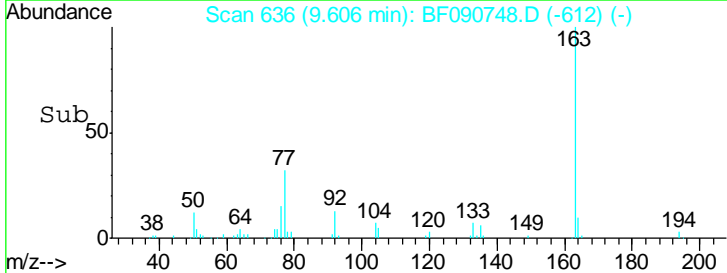
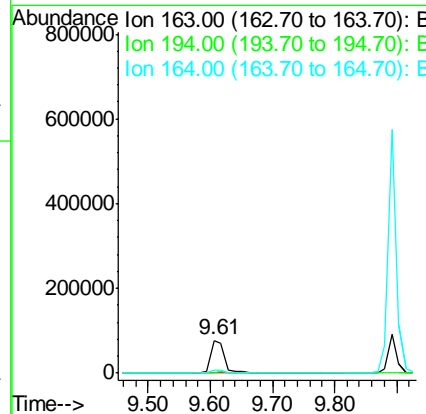
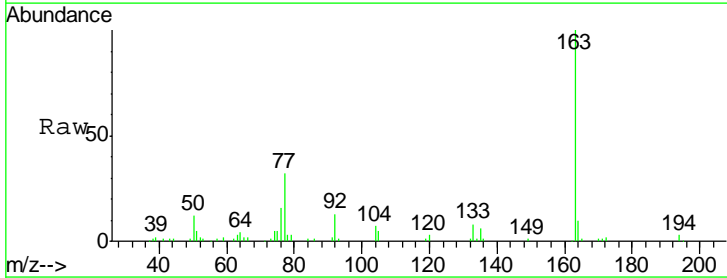
Ion	Ratio	Lower	Upper
172	100		
171	37.4	26.1	39.1
170	25.4	17.4	26.2

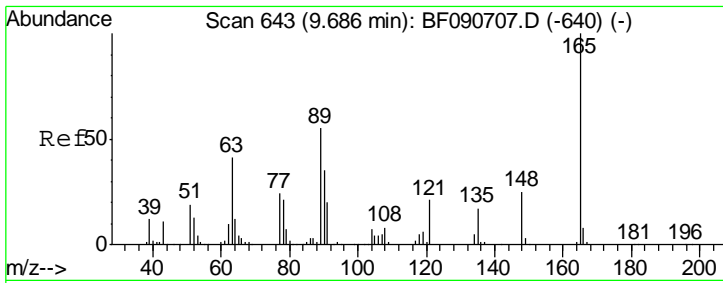


#49
 Dimethylphthalate
 Concen: 3.51 ng
 RT: 9.61 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF090748.D
 Acq: 22 Oct 2016 8:46

Tgt Ion:163 Resp: 120028

Ion	Ratio	Lower	Upper
163	100		
194	2.6	4.4	6.6#
164	10.1	8.3	12.5

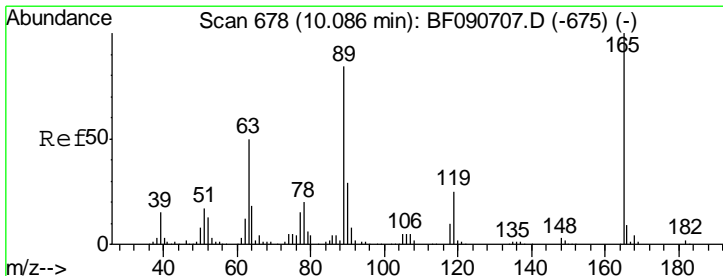
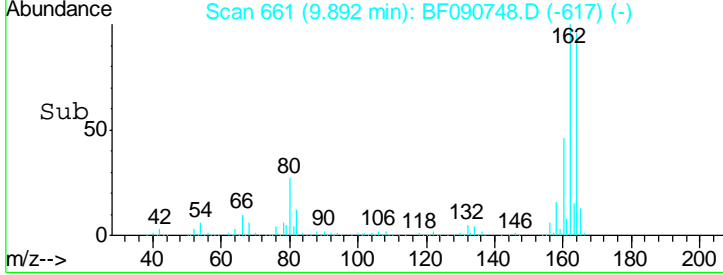
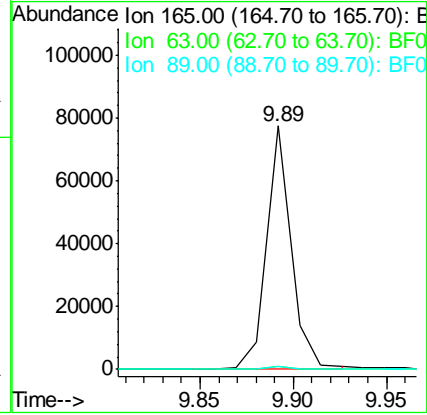
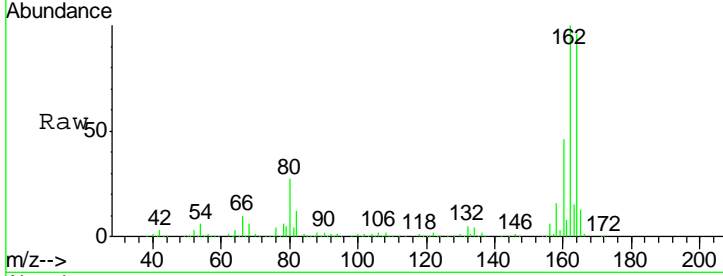




#50
 2,6-Dinitrotoluene
 Concen: 9.62 ng
 RT: 9.89 min Scan# 661
 Delta R.T. 0.21 min
 Lab File: BF090748.D
 Acq: 22 Oct 2016 8:46

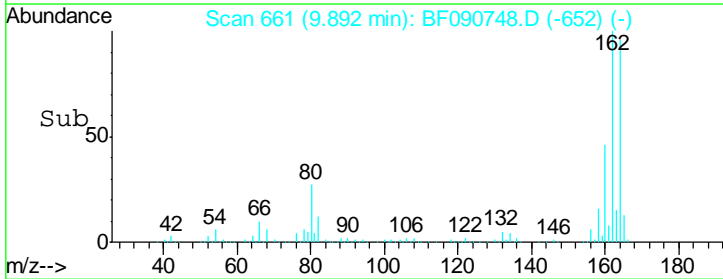
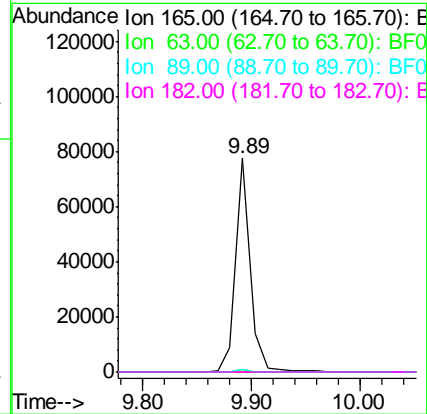
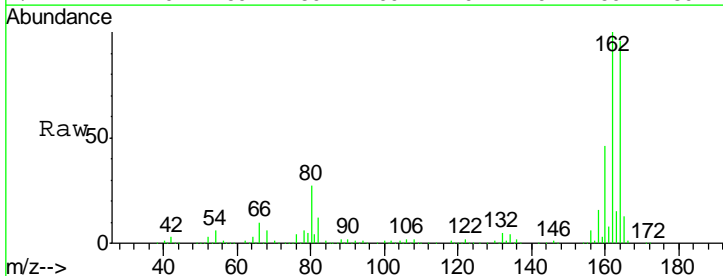
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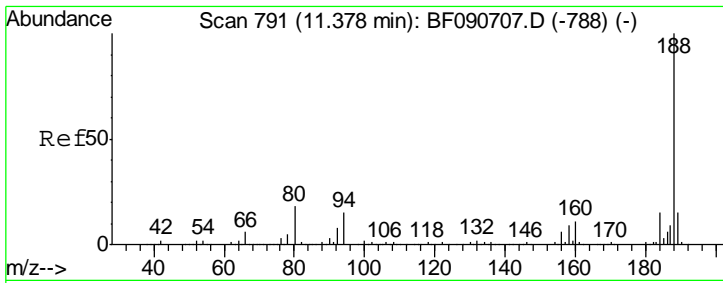
Tgt Ion	Resp	Lower	Upper
165	100		
63	1.0	32.3	48.5#
89	1.1	28.6	43.0#



#56
 2,4-Dinitrotoluene
 Concen: 7.97 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.19 min
 Lab File: BF090748.D
 Acq: 22 Oct 2016 8:46

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.0	29.8	44.6#
89	1.1	44.5	66.7#
182	0.0	3.0	4.4#

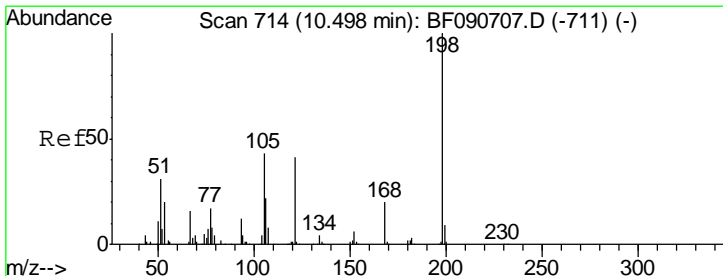
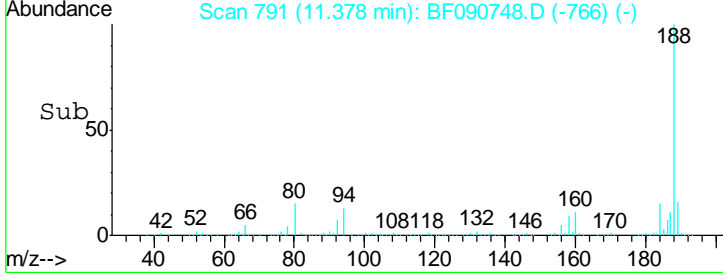
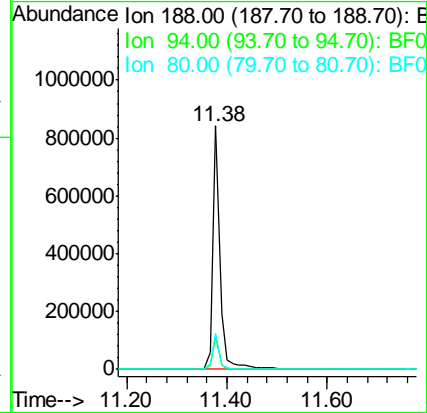
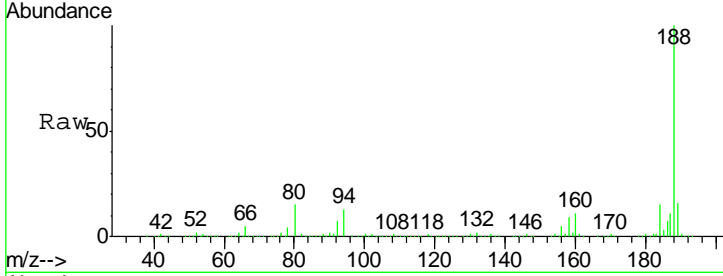




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF090748.D
 Acq: 22 Oct 2016 8:46

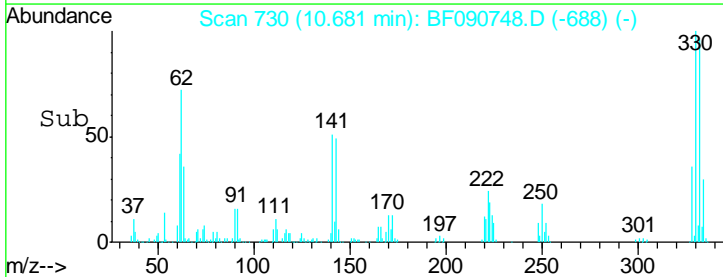
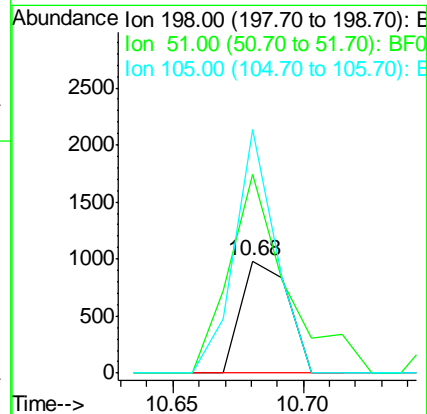
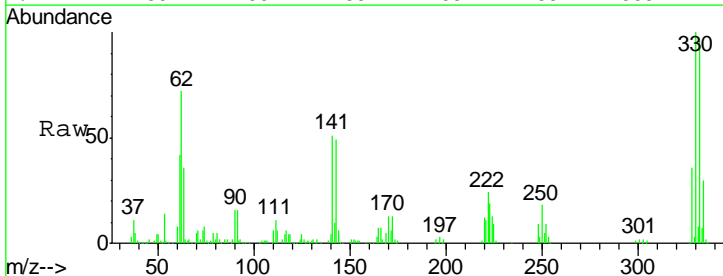
Instrument :
 BNA_F
 ClientSampled :
 MW-103D

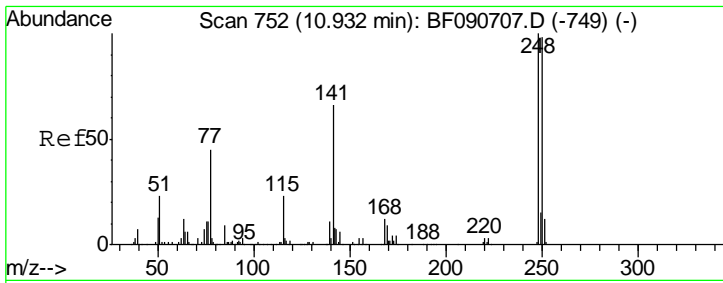
Tgt Ion	Resp	Lower	Upper
188	100		
94	13.1	11.1	16.7
80	14.7	11.0	16.4



#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.39 ng
 RT: 10.68 min Scan# 730
 Delta R.T. 0.18 min
 Lab File: BF090748.D
 Acq: 22 Oct 2016 8:46

Tgt Ion	Resp	Lower	Upper
198	100		
51	177.8	39.6	79.6#
105	217.3	28.5	68.5#

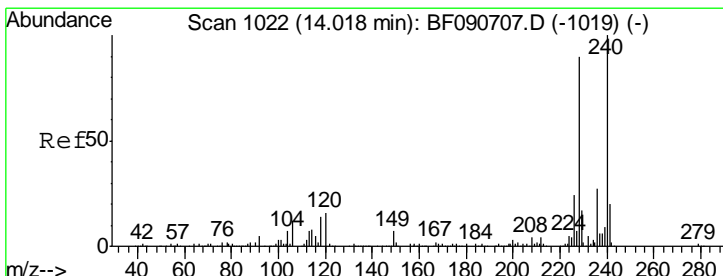
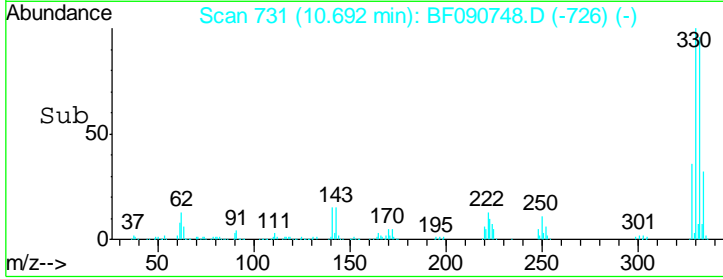
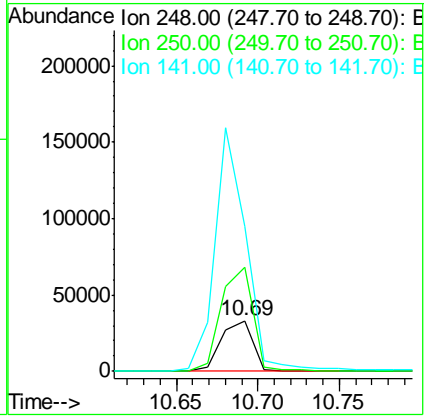
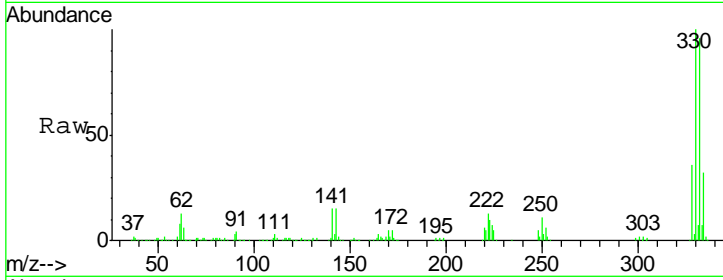




#66
 4-Bromophenyl-phenylether
 Concen: 5.45 ng
 RT: 10.69 min Scan# 731
 Delta R.T. -0.24 min
 Lab File: BF090748.D
 Acq: 22 Oct 2016 8:46

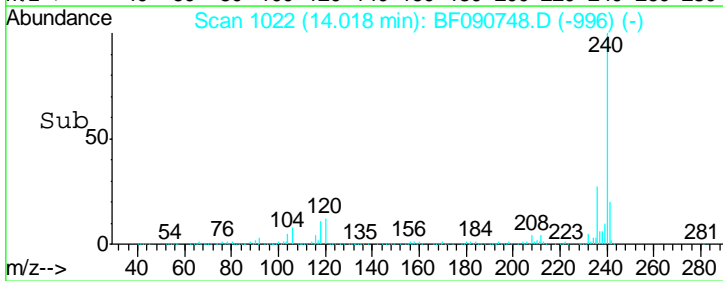
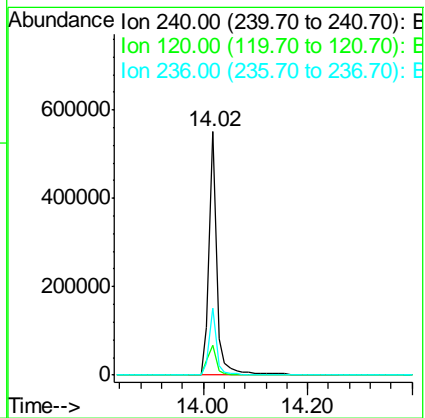
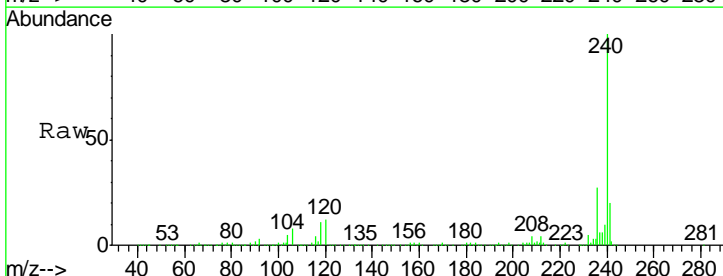
Instrument :
 BNA_F
ClientSampled :
 MW-103D

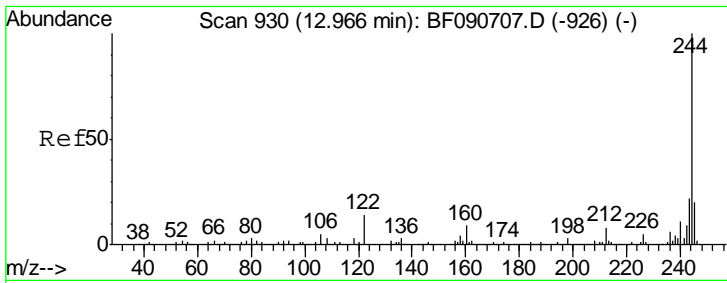
Tgt Ion	Resp	Lower	Upper
248	44869		
250	206.8	78.5	117.7#
141	285.9	59.0	88.6#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF090748.D
 Acq: 22 Oct 2016 8:46

Tgt Ion	Resp	Lower	Upper
240	578052		
120	12.2	16.2	24.2#
236	27.4	18.4	27.6

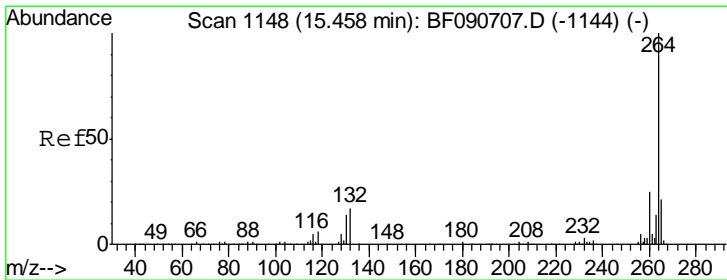
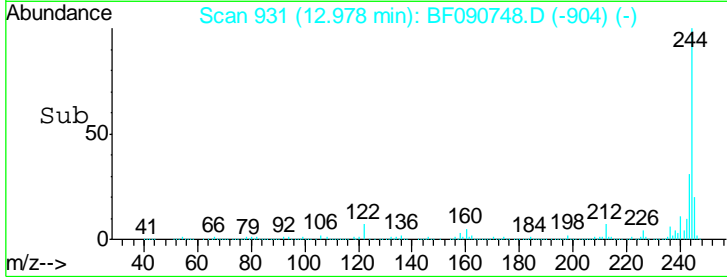
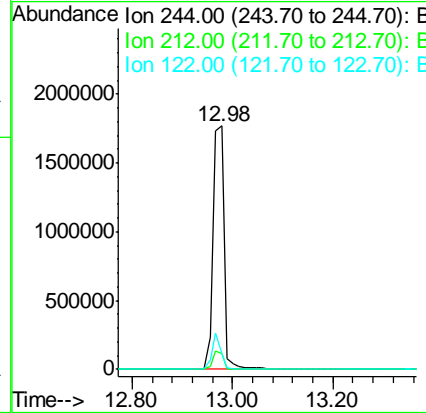
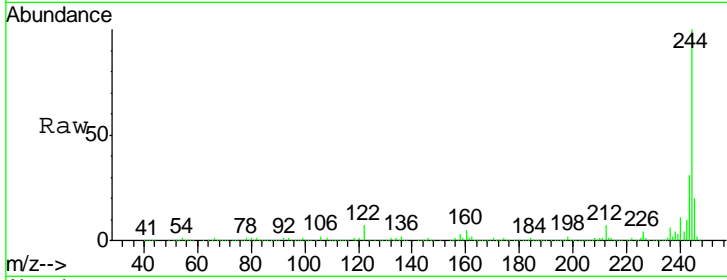




#78
 Terphenyl-d14
 Concen: 108.75 ng
 RT: 12.98 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: BF090748.D
 Acq: 22 Oct 2016 8:46

Instrument :
 BNA_F
 ClientSampled :
 MW-103D

Tgt Ion: 244 Resp: 2742919
 Ion Ratio Lower Upper
 244 100
 212 6.6 4.3 6.5#
 122 6.5 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF090748.D
 Acq: 22 Oct 2016 8:46

Tgt Ion: 264 Resp: 388396
 Ion Ratio Lower Upper
 264 100
 260 25.4 16.7 25.1#
 265 21.9 17.2 25.8

