

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052015\  
 Data File : BM001362.D  
 Acq On : 21 May 2015 15:44  
 Operator : TP/IZ  
 Sample : G2255-06  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: May 21 16:30:56 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM052015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 21 11:08:14 2015  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	12277	5.00	ng	0.00
6) Naphthalene-d8	10.20	136	50461	5.00	ng	0.00
12) Acenaphthene-d10	14.11	164	30753	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	61893	5.00	ng	0.00
25) Chrysene-d12	21.07	240	65954	5.00	ng	0.00
32) Perylene-d12	23.17	264	61099	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.02	112	3828	1.61	ng	0.00
5) Phenol-d6	6.61	99	3672	1.24	ng	0.00
7) Nitrobenzene-d5	8.59	82	9321	3.42	ng	0.00
13) 2,4,6-Tribromophenol	15.59	330	13519	10.57	ng	0.00
14) 2-Fluorobiphenyl	12.72	172	41881	4.57	ng	0.00
27) Terphenyl-d14	19.50	244	77559	8.94	ng	0.00

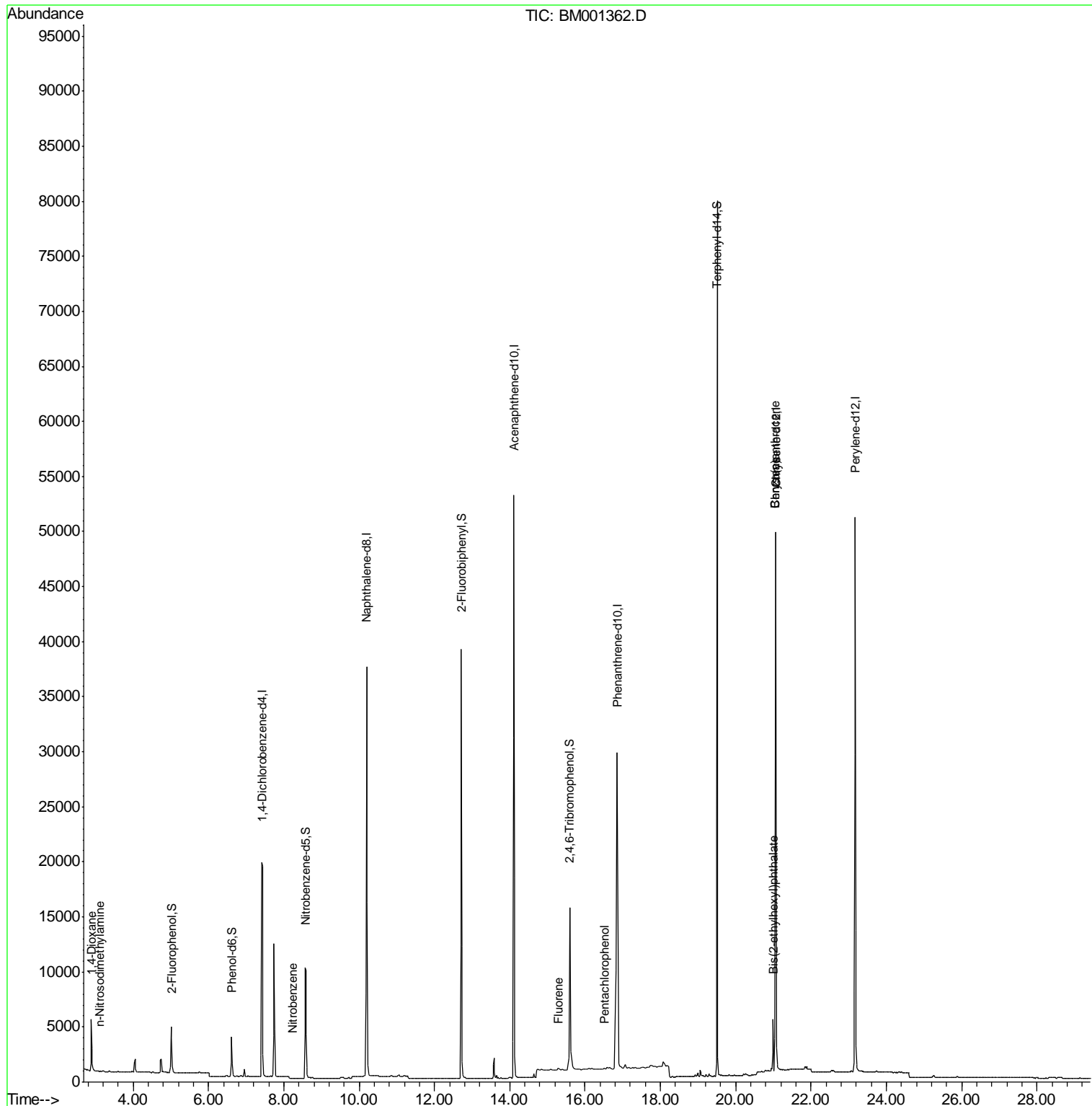
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.89	88	3714	3.93	ng	91
3) n-Nitrosodimethylamine	3.12	42	71	0.05	ng	# 25
8) Nitrobenzene	8.24	77	77	0.14	ng	# 42
17) Fluorene	15.29	166	228	0.04	ng	# 14
21) Pentachlorophenol	16.51	266	73	0.42	ng	# 71
28) Benzo(a)anthracene	21.05	228	511	0.03	ng	# 67
29) Chrysene	21.05	228	523	0.03	ng	# 61
30) Bis(2-ethylhexyl)phthalate	20.99	149	5029	0.61	ng	98

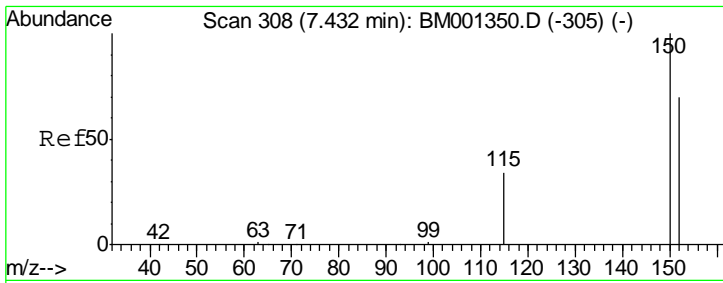
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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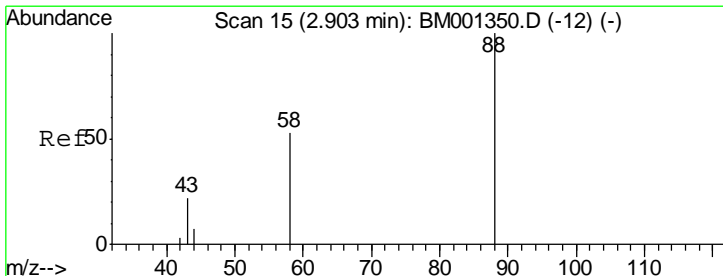
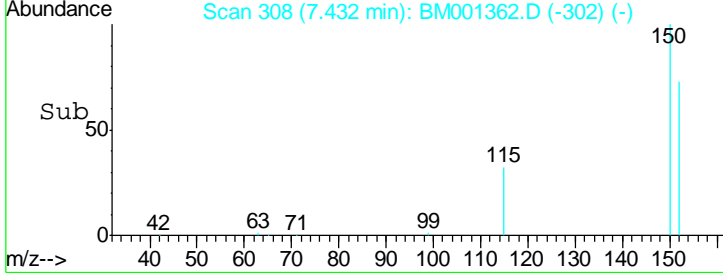
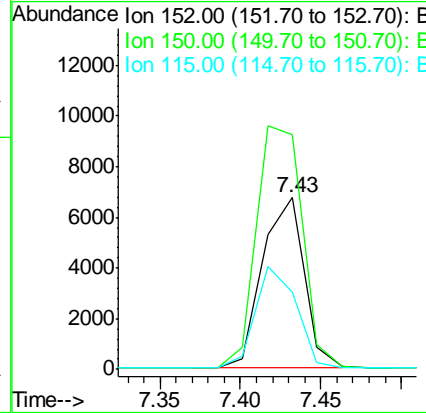
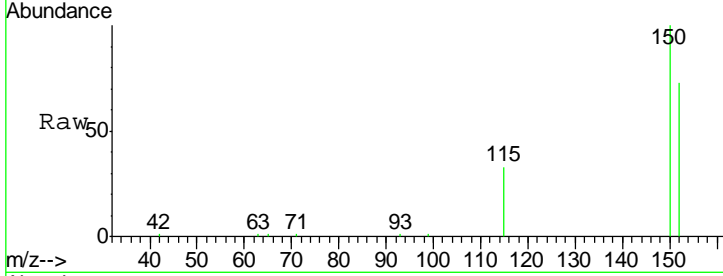




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 5.00 ng  
 RT: 7.43 min Scan# 308  
 Delta R.T. 0.00 min  
 Lab File: BM001362.D  
 Acq: 21 May 2015 15:44

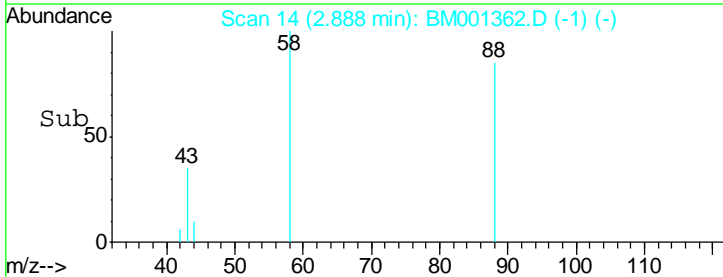
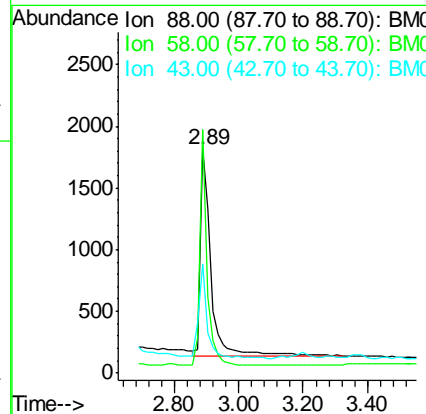
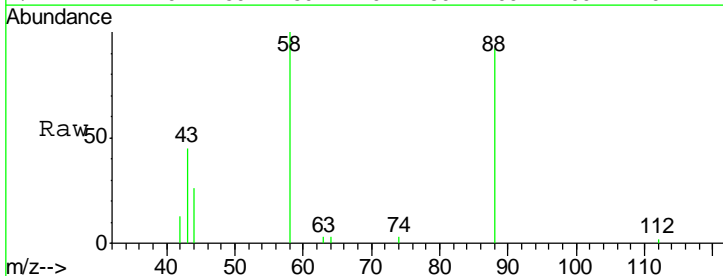
Instrument :  
 BNA\_M  
 ClientSampled :

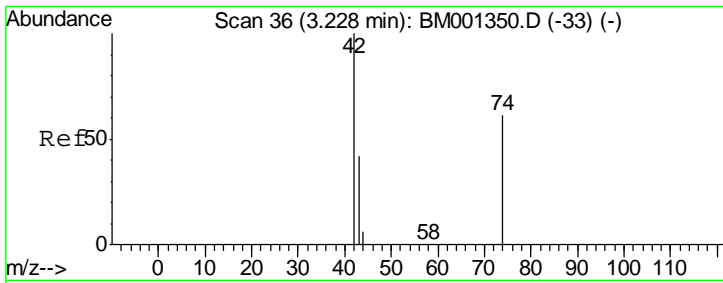
Tgt Ion	Resp	Lower	Upper
152	12277		
150	136.3	114.1	171.1
115	44.9	39.2	58.8



#2  
 1,4-Dioxane  
 Concen: 3.93 ng  
 RT: 2.89 min Scan# 14  
 Delta R.T. -0.02 min  
 Lab File: BM001362.D  
 Acq: 21 May 2015 15:44

Tgt Ion	Resp	Lower	Upper
88	3714		
88	100		
58	76.9	53.1	79.7
43	33.7	27.8	41.8

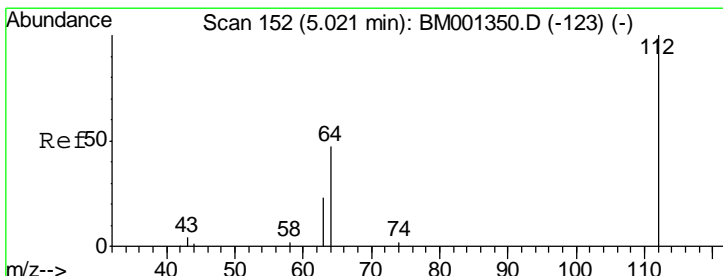
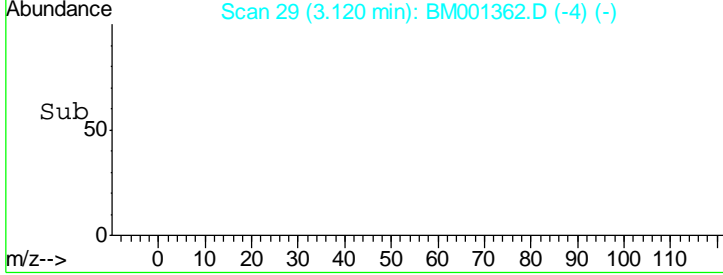
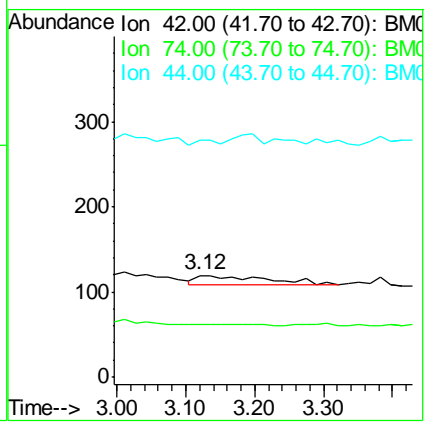
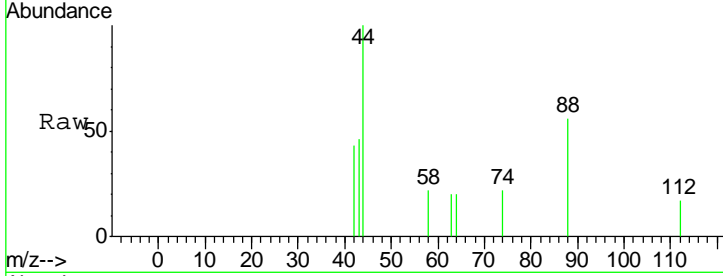




#3  
 n-Nitrosodimethylamine  
 Concen: 0.05 ng  
 RT: 3.12 min Scan# 29  
 Delta R.T. -0.11 min  
 Lab File: BM001362.D  
 Acq: 21 May 2015 15:44

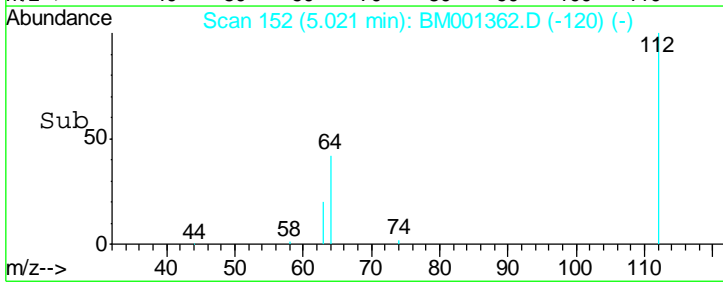
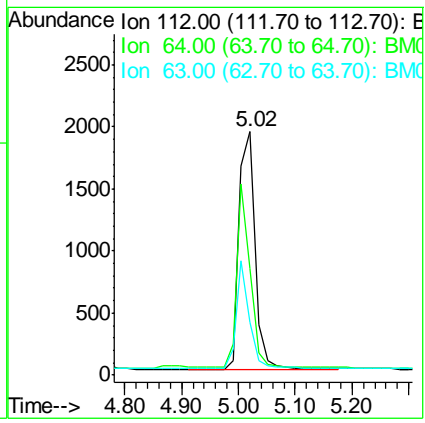
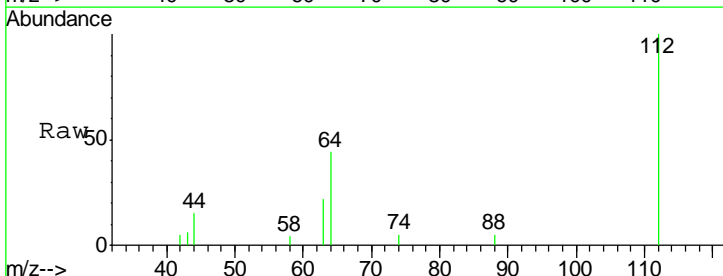
Instrument :  
 BNA\_M  
 ClientSampled :

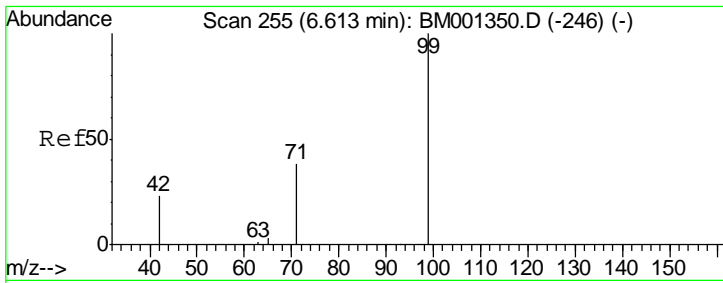
Tgt Ion	Resp	Lower	Upper
42	100		
74	15.5	70.0	105.0#
44	0.0	3.6	5.4#



#4  
 2-Fluorophenol  
 Concen: 1.61 ng  
 RT: 5.02 min Scan# 152  
 Delta R.T. 0.00 min  
 Lab File: BM001362.D  
 Acq: 21 May 2015 15:44

Tgt Ion	Resp	Lower	Upper
112	100		
64	66.8	52.9	79.3
63	37.2	29.6	44.4

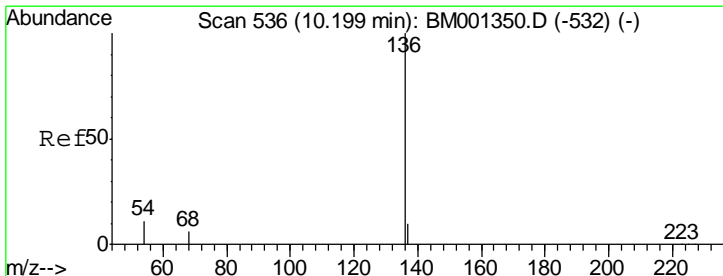
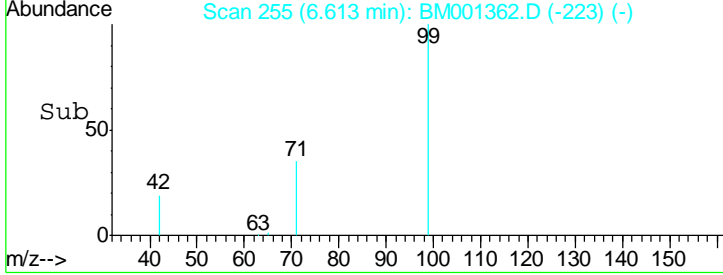
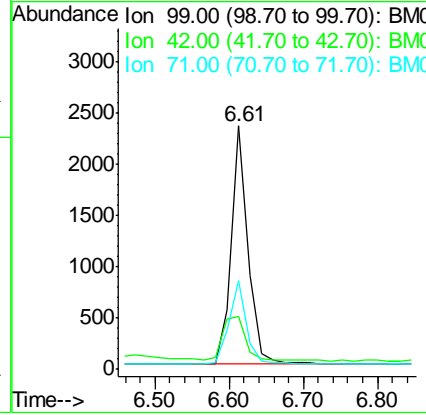
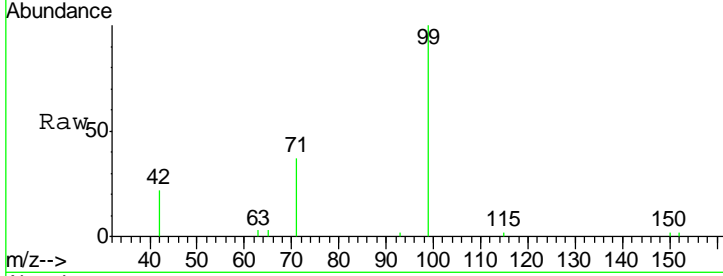




#5  
 Phenol-d6  
 Concen: 1.24 ng  
 RT: 6.61 min Scan# 255  
 Delta R.T. 0.00 min  
 Lab File: BM001362.D  
 Acq: 21 May 2015 15:44

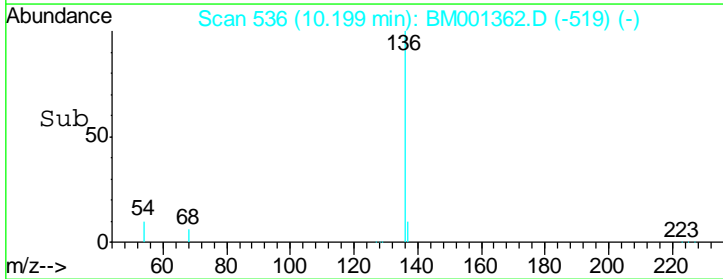
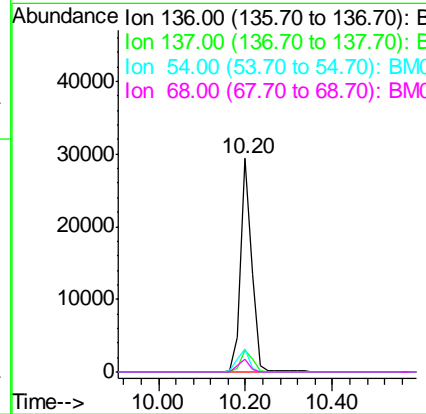
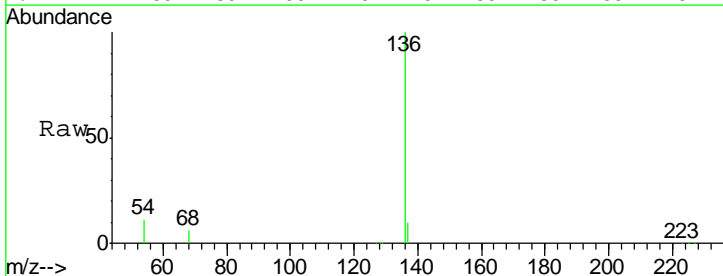
Instrument :  
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 ClientSampled :

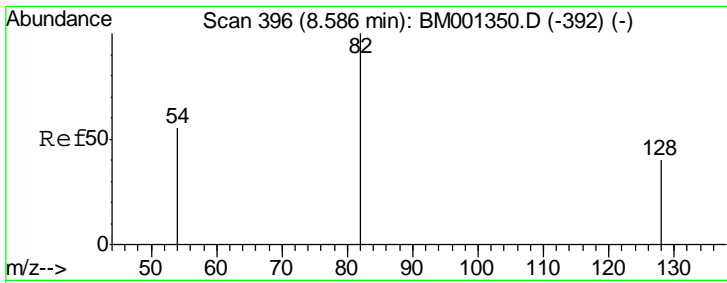
Tgt Ion	Resp	Lower	Upper
99	3672		
42	25.5	21.4	32.2
71	36.3	29.0	43.4



#6  
 Naphthalene-d8  
 Concen: 5.00 ng  
 RT: 10.20 min Scan# 536  
 Delta R.T. 0.00 min  
 Lab File: BM001362.D  
 Acq: 21 May 2015 15:44

Tgt Ion	Resp	Lower	Upper
136	50461		
137	10.4	8.2	12.4
54	10.6	9.4	14.0
68	6.2	5.2	7.8

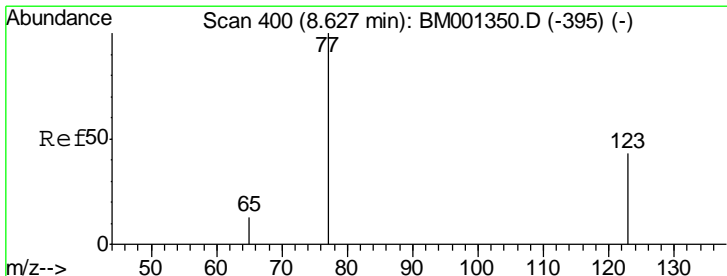
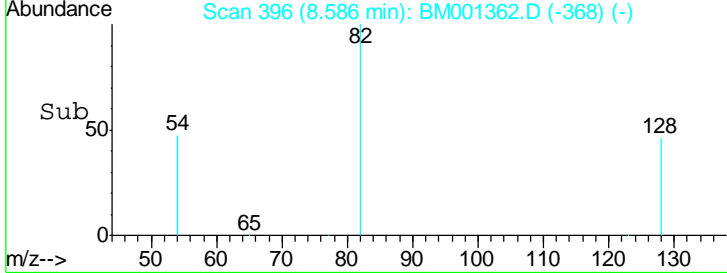
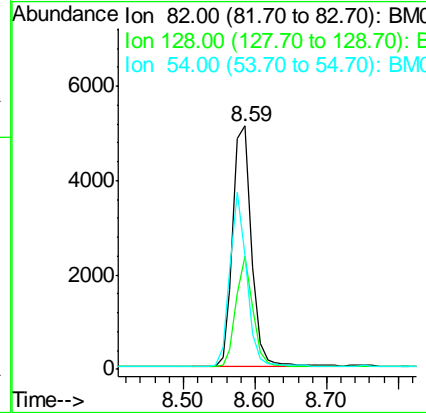
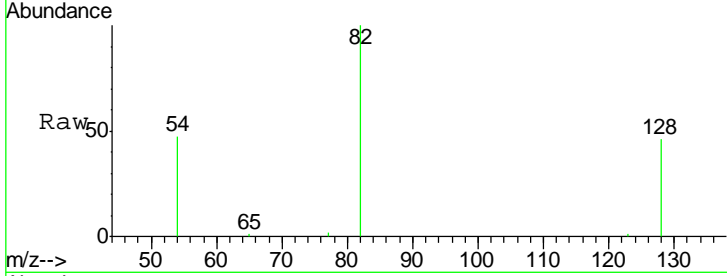




#7  
 Nitrobenzene-d5  
 Concen: 3.42 ng  
 RT: 8.59 min Scan# 396  
 Delta R.T. 0.00 min  
 Lab File: BM001362.D  
 Acq: 21 May 2015 15:44

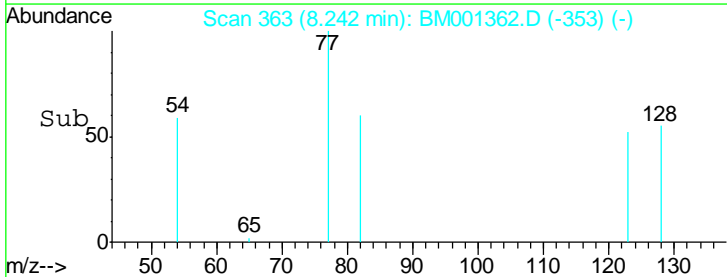
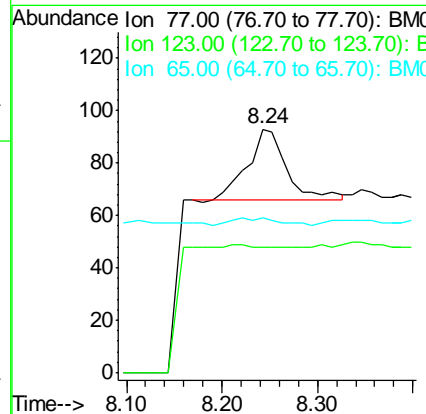
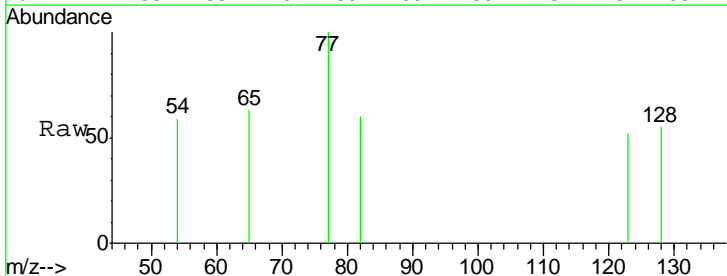
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 ClientSampled :

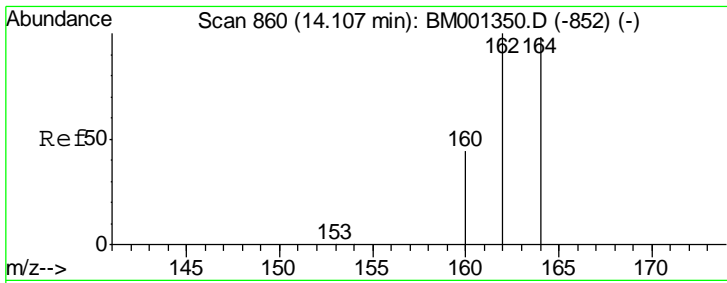
Tgt Ion	Resp	Lower	Upper
82	9321		
128	46.4	33.5	50.3
54	47.1	45.1	67.7



#8  
 Nitrobenzene  
 Concen: 0.14 ng  
 RT: 8.24 min Scan# 363  
 Delta R.T. -0.38 min  
 Lab File: BM001362.D  
 Acq: 21 May 2015 15:44

Tgt Ion	Resp	Lower	Upper
77	77		
123	0.0	33.6	50.4#
65	0.0	11.3	16.9#

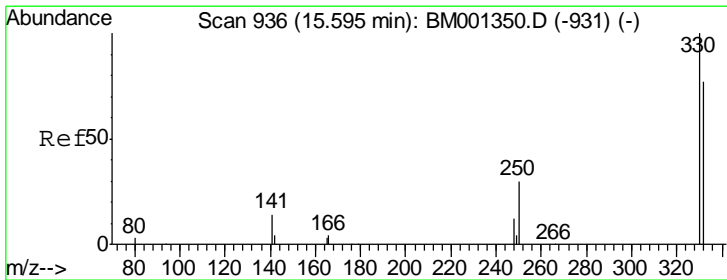
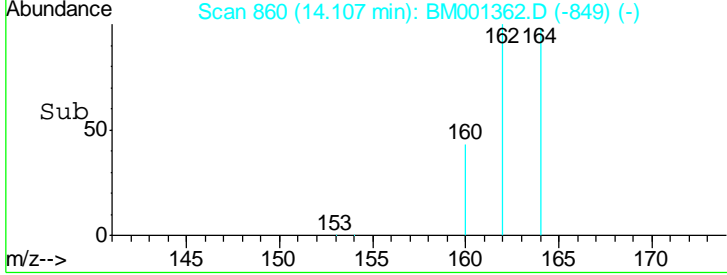
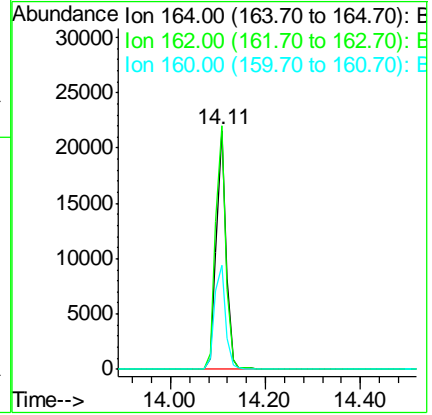
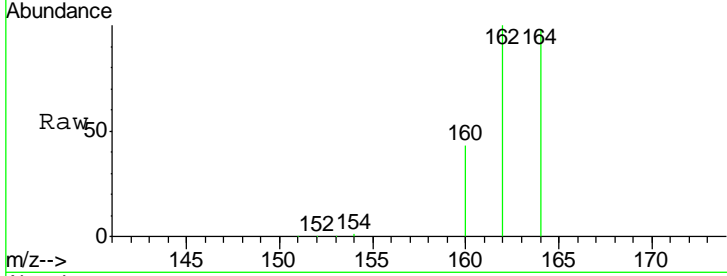




#12  
 Acenaphthene-d10  
 Concen: 5.00 ng  
 RT: 14.11 min Scan# 860  
 Delta R.T. 0.00 min  
 Lab File: BM001362.D  
 Acq: 21 May 2015 15:44

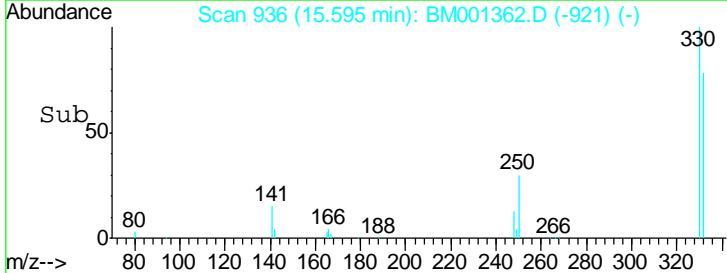
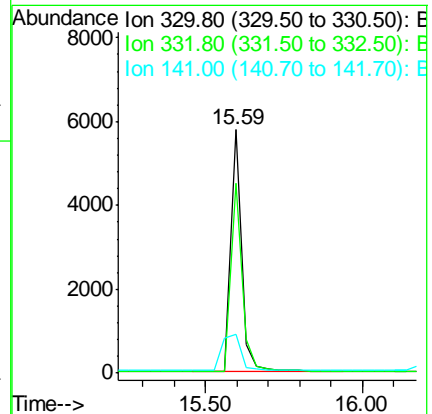
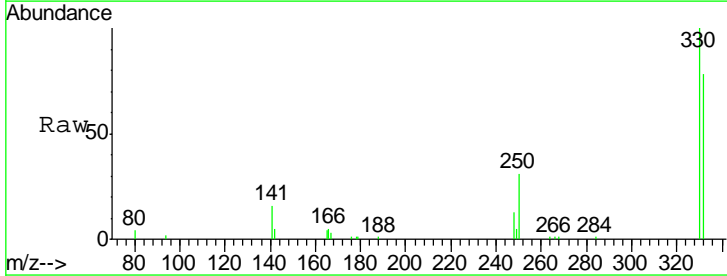
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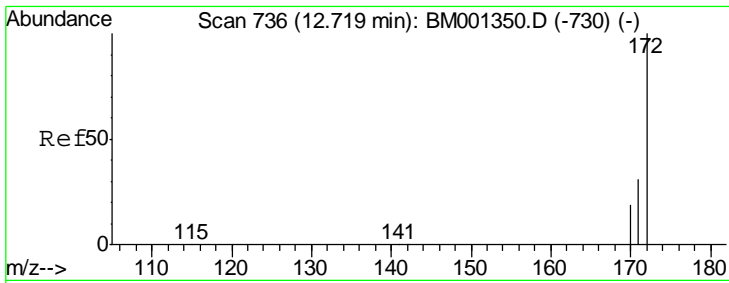
Tgt Ion	Resp	Lower	Upper
164	30753		
162	102.0	81.8	122.8
160	43.7	35.8	53.8



#13  
 2,4,6-Tribromophenol  
 Concen: 10.57 ng  
 RT: 15.59 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: BM001362.D  
 Acq: 21 May 2015 15:44

Tgt Ion	Resp	Lower	Upper
330	13519		
332	82.7	65.4	98.2
141	26.5	20.2	30.4

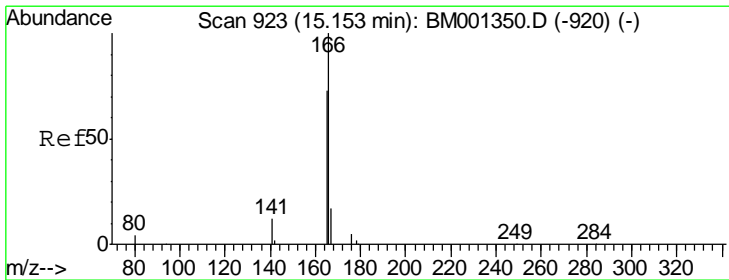
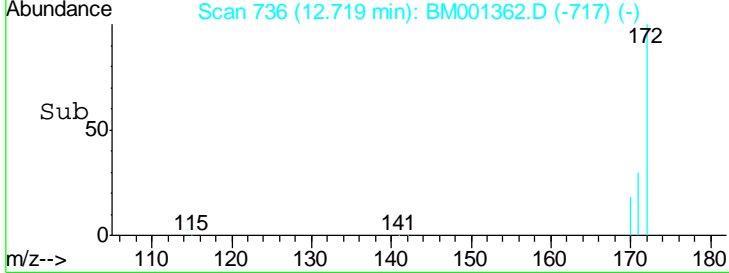
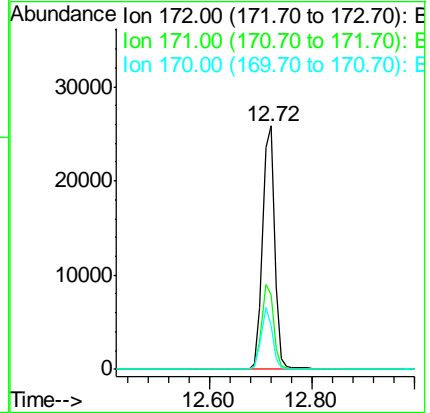
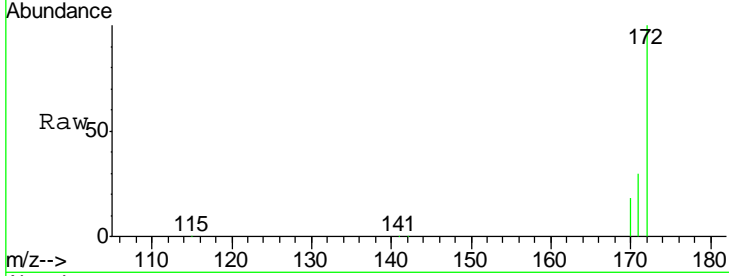




#14  
 2-Fluorobiphenyl  
 Concen: 4.57 ng  
 RT: 12.72 min Scan# 736  
 Delta R.T. 0.00 min  
 Lab File: BM001362.D  
 Acq: 21 May 2015 15:44

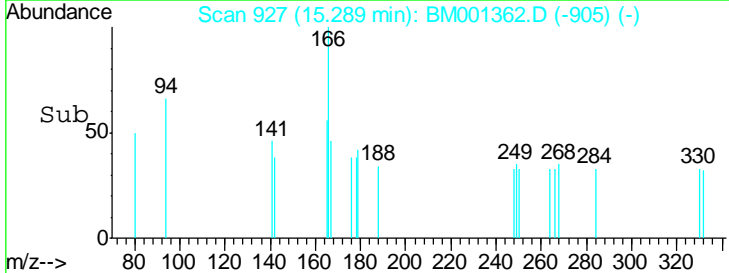
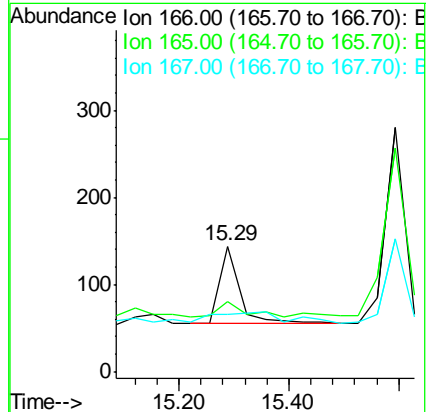
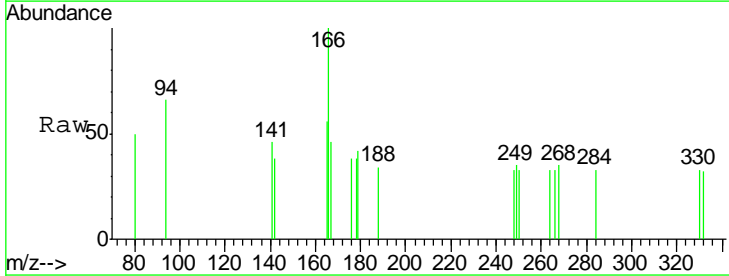
Instrument :  
 BNA\_M  
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
172	41881		
171	30.5	25.4	38.2
170	17.9	15.7	23.5

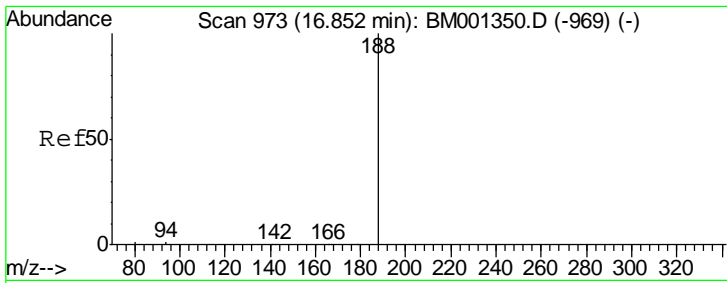


#17  
 Fluorene  
 Concen: 0.04 ng  
 RT: 15.29 min Scan# 927  
 Delta R.T. 0.14 min  
 Lab File: BM001362.D  
 Acq: 21 May 2015 15:44

Tgt Ion	Resp	Lower	Upper
166	228		
165	0.0	72.5	108.7#
167	0.0	16.0	24.0#



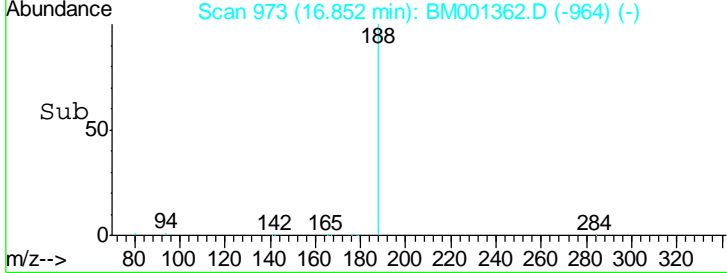
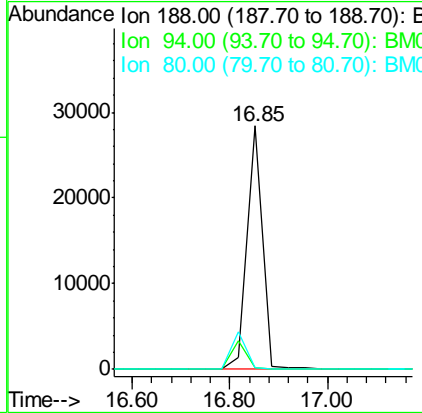
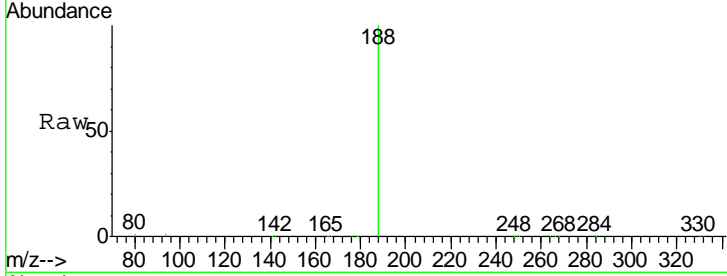




#18  
 Phenanthrene-d10  
 Concen: 5.00 ng  
 RT: 16.85 min Scan# 973  
 Delta R.T. 0.00 min  
 Lab File: BM001362.D  
 Acq: 21 May 2015 15:44

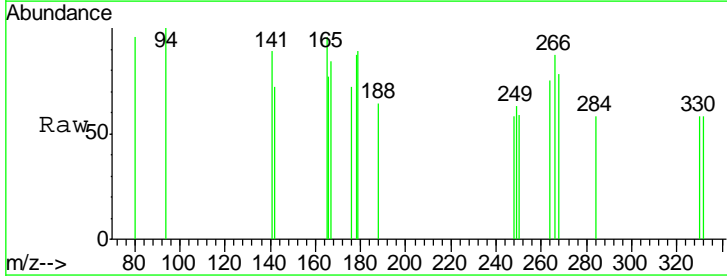
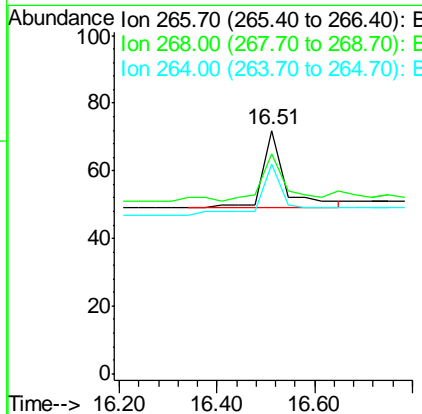
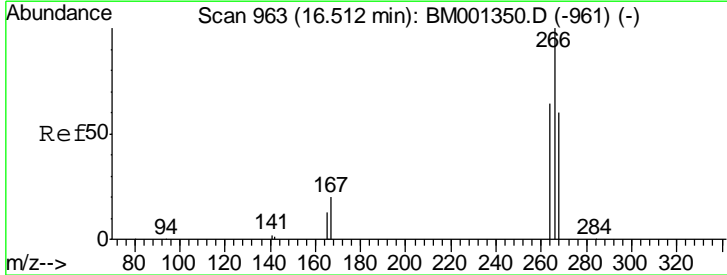
Instrument :  
 BNA\_M  
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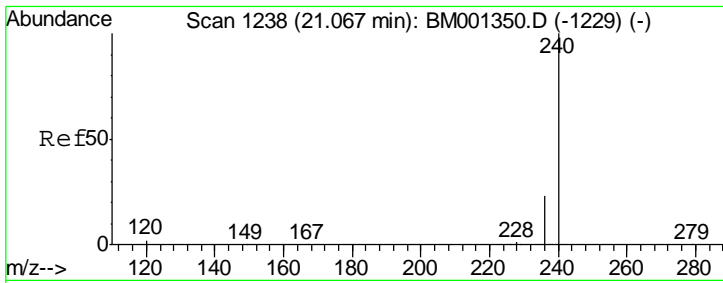
Tgt Ion	Resp	Lower	Upper
188	100		
94	0.9	0.6	1.0
80	0.8	0.6	0.8



#21  
 Pentachlorophenol  
 Concen: 0.42 ng  
 RT: 16.51 min Scan# 963  
 Delta R.T. 0.00 min  
 Lab File: BM001362.D  
 Acq: 21 May 2015 15:44

Tgt Ion	Resp	Lower	Upper
266	100		
268	90.3	51.2	76.8#
264	86.1	53.7	80.5#

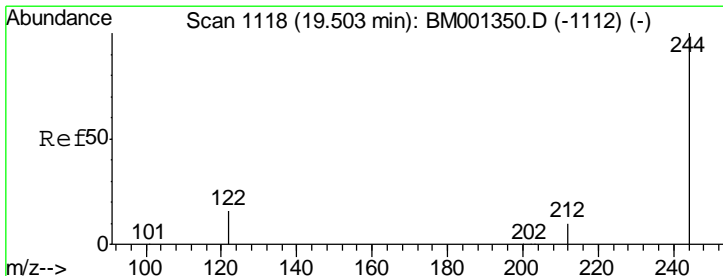
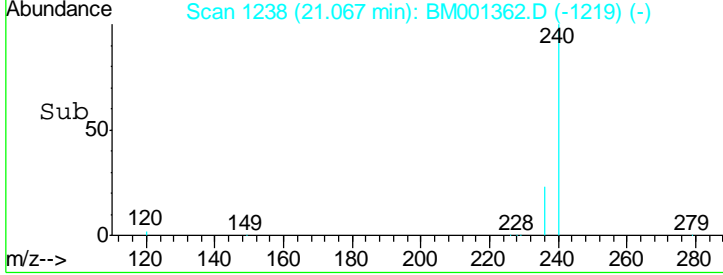
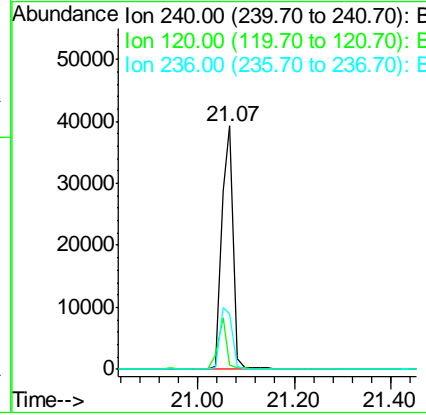
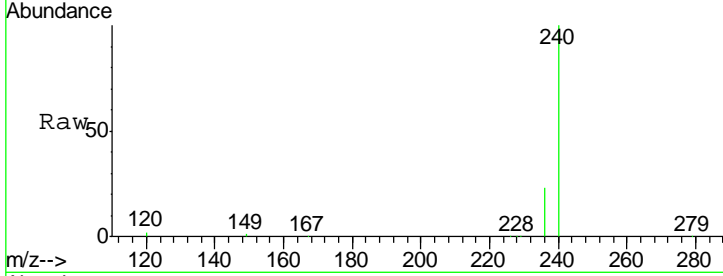




#25  
 Chrysene-d12  
 Concen: 5.00 ng  
 RT: 21.07 min Scan# 1238  
 Delta R.T. 0.00 min  
 Lab File: BM001362.D  
 Acq: 21 May 2015 15:44

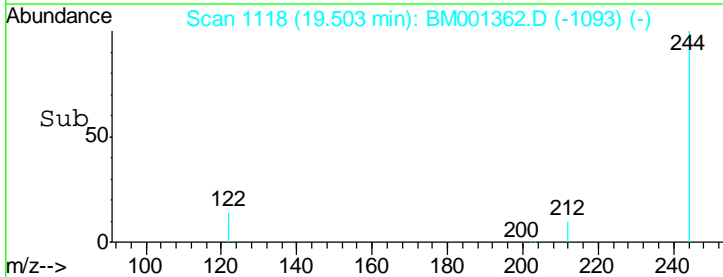
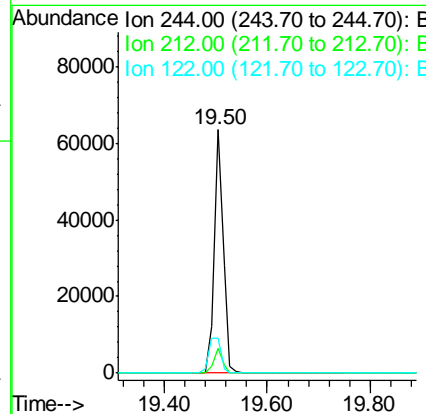
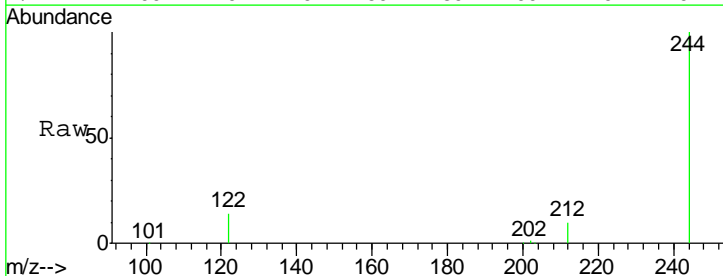
Instrument :  
 BNA\_M  
 ClientSampled :

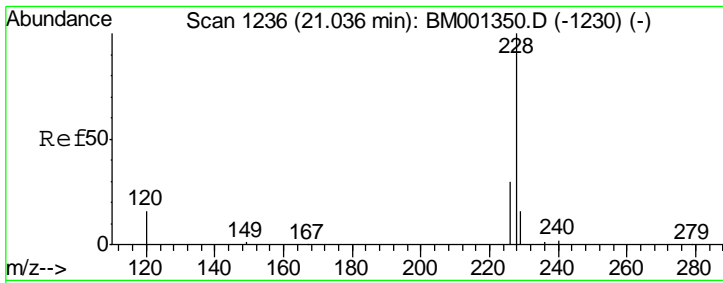
Tgt Ion	Resp	Lower	Upper
240	100		
120	2.0	1.6	2.4
236	23.0	18.5	27.7



#27  
 Terphenyl-d14  
 Concen: 8.94 ng  
 RT: 19.50 min Scan# 1118  
 Delta R.T. 0.00 min  
 Lab File: BM001362.D  
 Acq: 21 May 2015 15:44

Tgt Ion	Resp	Lower	Upper
244	100		
212	10.1	8.5	12.7
122	14.4	13.4	20.2

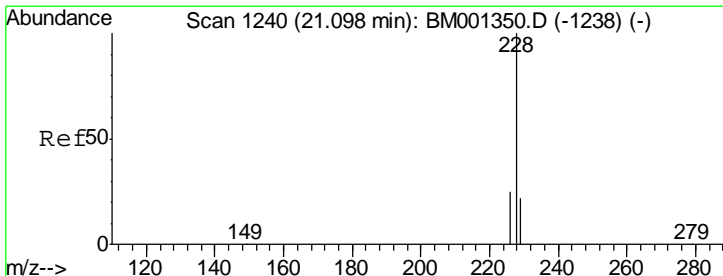
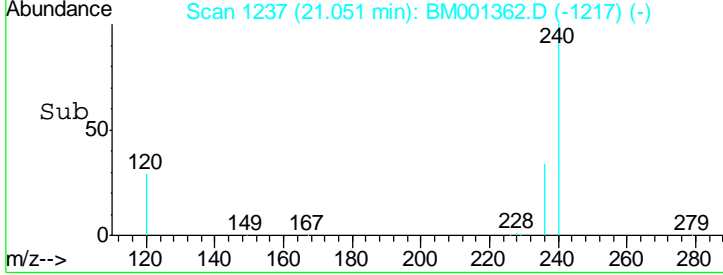
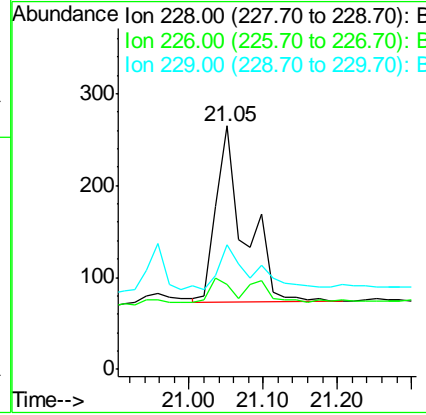
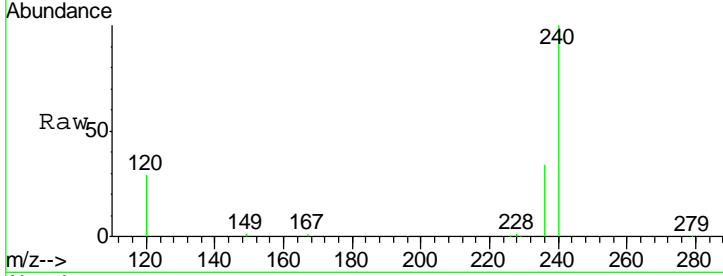




#28  
 Benzo(a)anthracene  
 Concen: 0.03 ng  
 RT: 21.05 min Scan# 1237  
 Delta R.T. 0.02 min  
 Lab File: BM001362.D  
 Acq: 21 May 2015 15:44

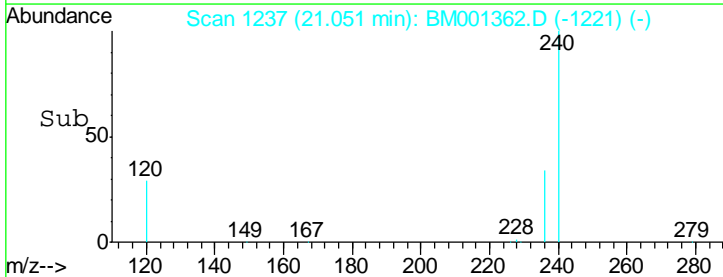
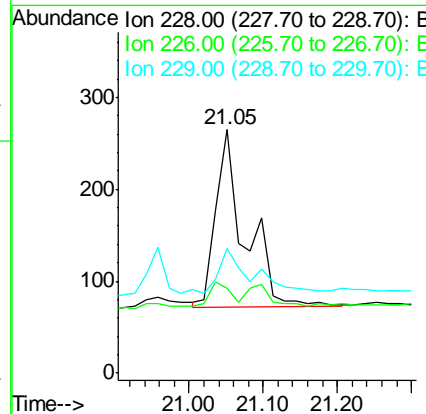
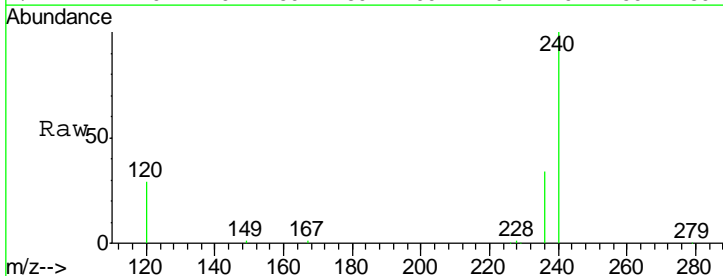
Instrument :  
 BNA\_M  
 ClientSampled :

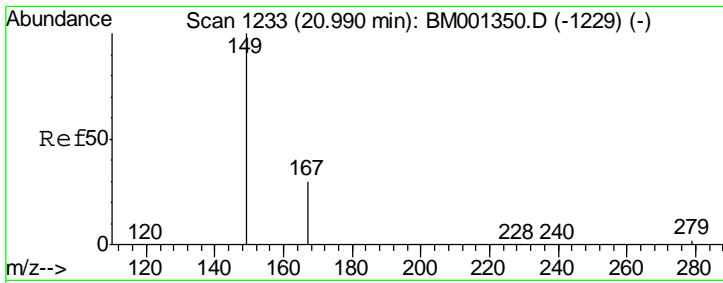
Tgt Ion	Resp	Lower	Upper
228	100		
226	35.1	24.5	36.7
229	50.9	13.3	19.9#



#29  
 Chrysene  
 Concen: 0.03 ng  
 RT: 21.05 min Scan# 1237  
 Delta R.T. -0.05 min  
 Lab File: BM001362.D  
 Acq: 21 May 2015 15:44

Tgt Ion	Resp	Lower	Upper
228	100		
226	35.1	20.0	30.0#
229	50.9	17.6	26.4#

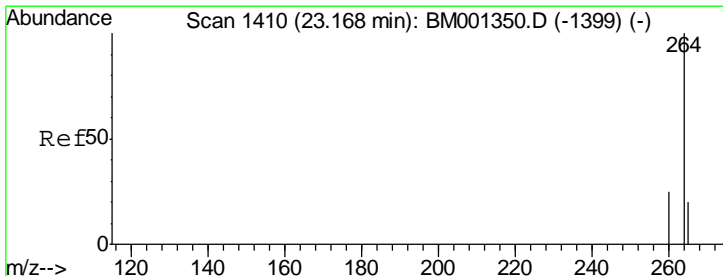
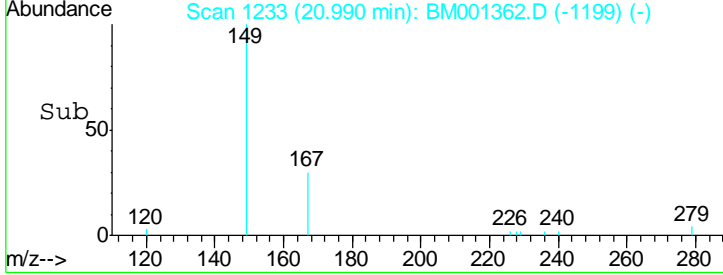
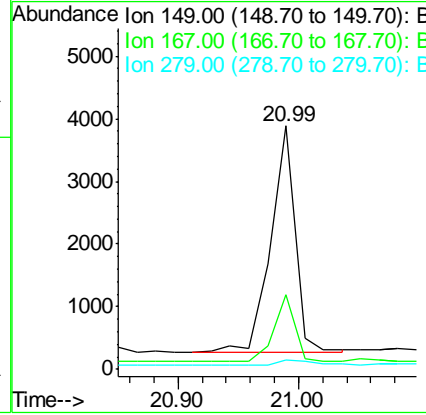
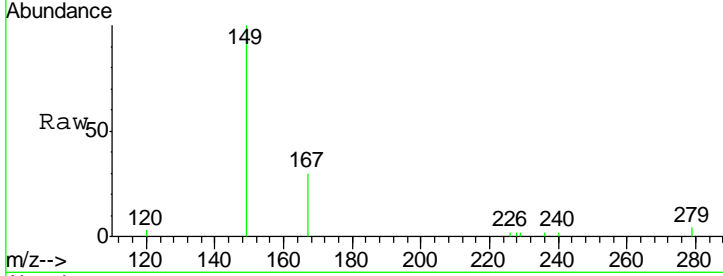




#30  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.61 ng  
 RT: 20.99 min Scan# 1233  
 Delta R.T. 0.00 min  
 Lab File: BM001362.D  
 Acq: 21 May 2015 15:44

Instrument :  
 BNA\_M  
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
149	5029		
167	26.1	21.6	32.4
279	2.7	1.9	2.9



#32  
 Perylene-d12  
 Concen: 5.00 ng  
 RT: 23.17 min Scan# 1410  
 Delta R.T. 0.00 min  
 Lab File: BM001362.D  
 Acq: 21 May 2015 15:44

Tgt Ion	Resp	Lower	Upper
264	61099		
260	25.9	20.4	30.6
265	21.0	16.6	24.8

