

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\  
 Data File : BE090468.D  
 Acq On : 12 Aug 2015 15:29  
 Operator : UM/IZ  
 Sample : G3236-17  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :

Quant Time: Aug 13 01:20:09 2015  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 06 12:28:08 2015  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	19735	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	88594	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	50555	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	120920	5.00	ng	0.00
25) Chrysene-d12	21.09	240	138755	5.00	ng	0.00
32) Perylene-d12	23.40	264	121700	5.00	ng	0.00

## System Monitoring Compounds

4) 2-Fluorophenol	5.22	112	11671	3.94	ng	0.00
5) Phenol-d6	6.77	99	10675	1.86	ng	0.00
7) Nitrobenzene-d5	8.73	82	20071	2.87	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	12904	8.23	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	51425	3.70	ng	0.00
27) Terphenyl-d14	19.55	244	104486	5.11	ng	-0.01

## Target Compounds

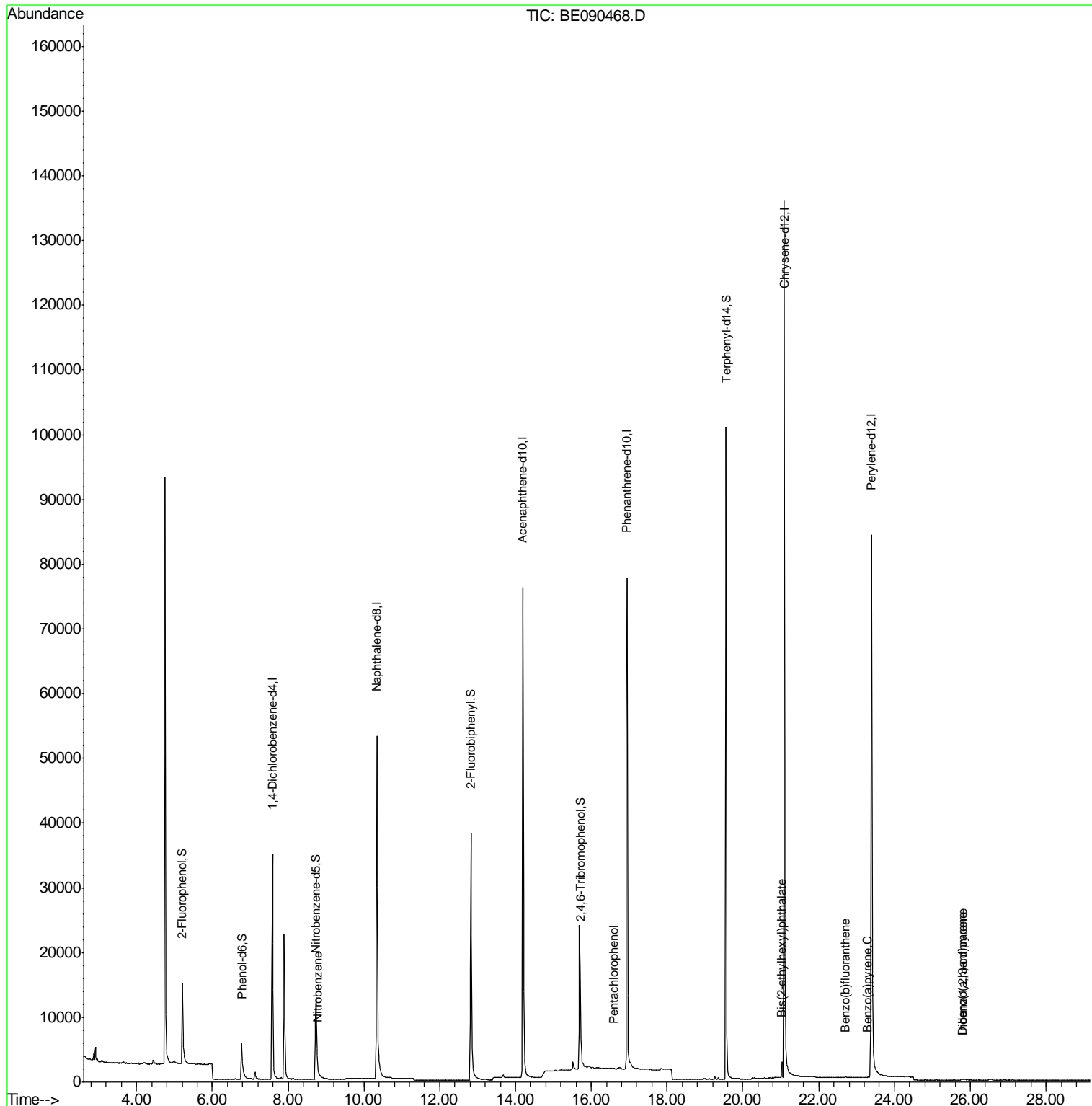
	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	37	Below Cal	#	1
8) Nitrobenzene	8.79	77	3	0.21 ng	#	1
10) Hexachlorobutadiene	10.70	225	4	Below Cal	#	35
21) Pentachlorophenol	16.60	266	9	0.10 ng	#	69
30) Bis(2-ethylhexyl)phthalate	21.03	149	2350	0.42 ng	#	98
31) Indeno(1,2,3-cd)pyrene	25.79	276	119	0.26 ng	#	67
33) Benzo(b)fluoranthene	22.71	252	116	0.20 ng	#	1
35) Benzo(a)pyrene	23.29	252	72	0.23 ng	#	1
36) Dibenzo(a,h)anthracene	25.80	278	62	0.29 ng	#	1

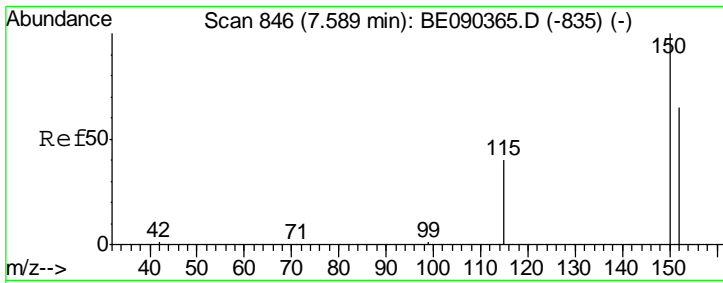
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\  
 Data File : BE090468.D  
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 Operator : UM/IZ  
 Sample : G3236-17  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :

Quant Time: Aug 13 01:20:09 2015  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 06 12:28:08 2015  
 Response via : Initial Calibration

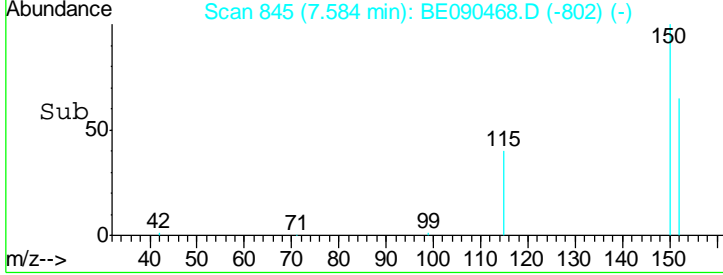
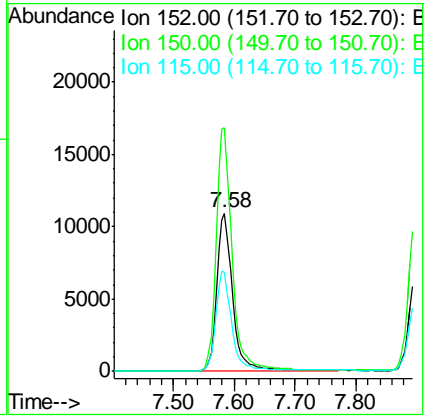
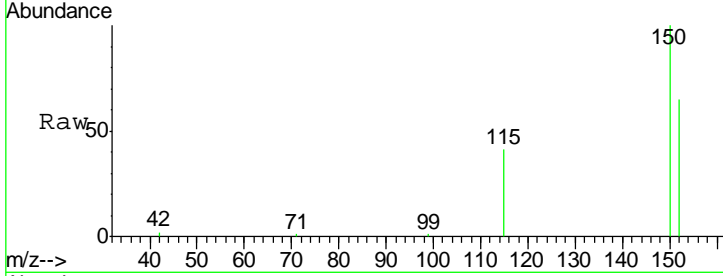




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 5.00 ng  
 RT: 7.58 min Scan# 845  
 Delta R.T. -0.00 min  
 Lab File: BE090468.D  
 Acq: 12 Aug 2015 15:29

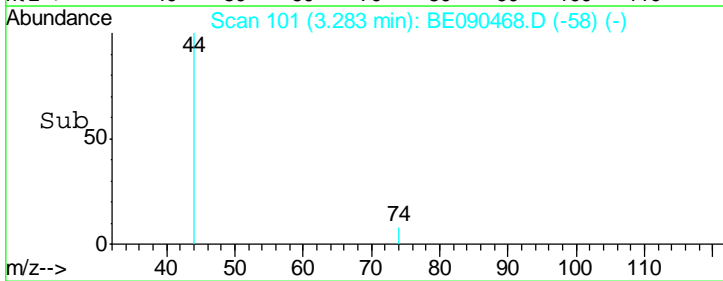
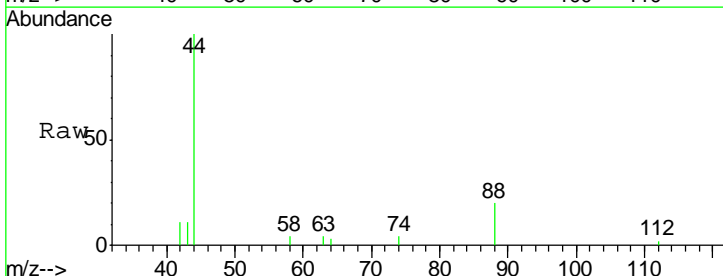
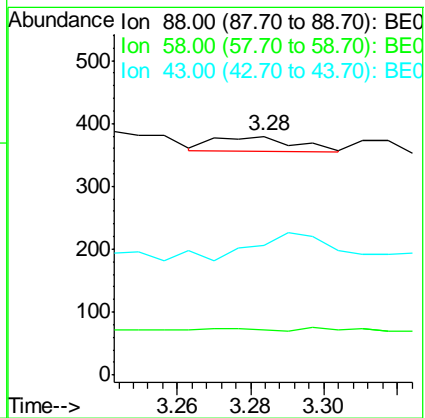
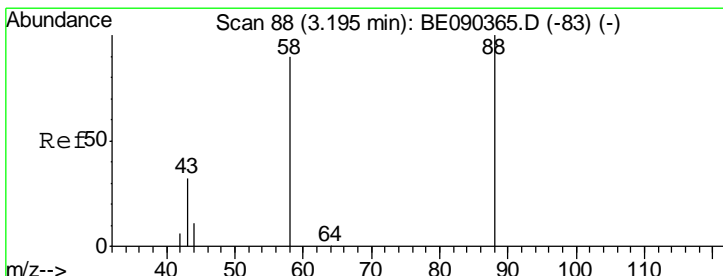
Instrument :  
 BNA\_E  
 ClientSampled :

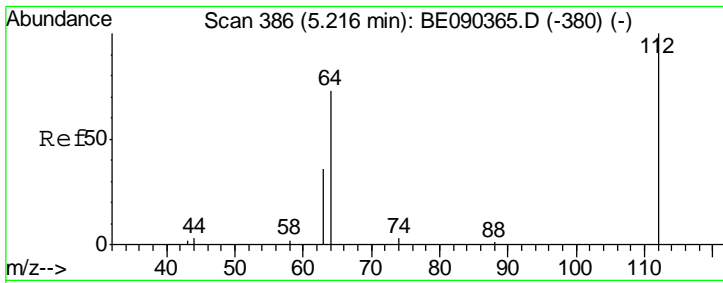
Tgt Ion	Resp	Lower	Upper
152	100		
150	154.2	123.0	184.4
115	62.4	48.9	73.3



#2  
 1,4-Dioxane  
 Concen: Below Cal  
 RT: 3.28 min Scan# 101  
 Delta R.T. 0.09 min  
 Lab File: BE090468.D  
 Acq: 12 Aug 2015 15:29

Tgt Ion	Resp	Lower	Upper
88	100		
58	13.5	70.0	105.0#
43	205.4	28.4	42.6#

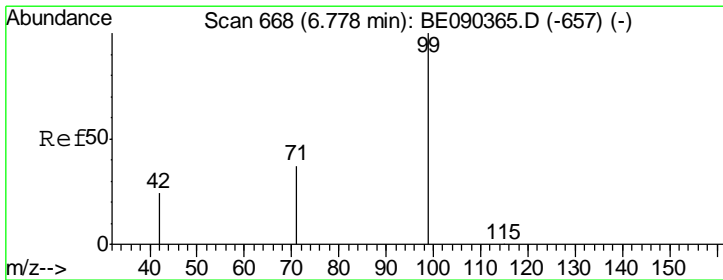
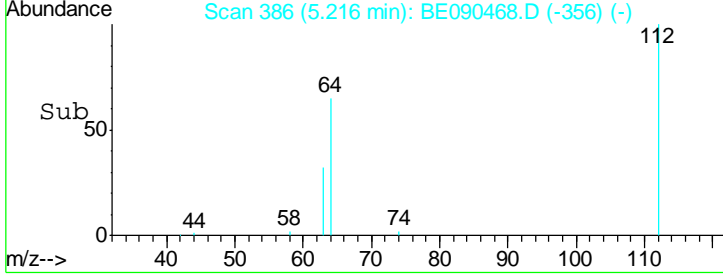
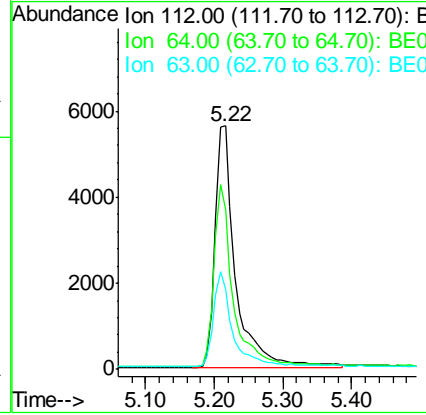
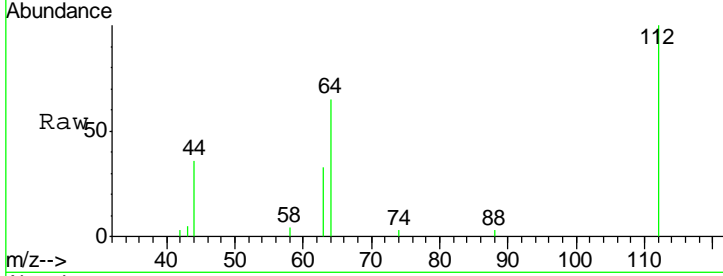




#4  
 2-Fluorophenol  
 Concen: 3.94 ng  
 RT: 5.22 min Scan# 386  
 Delta R.T. 0.00 min  
 Lab File: BE090468.D  
 Acq: 12 Aug 2015 15:29

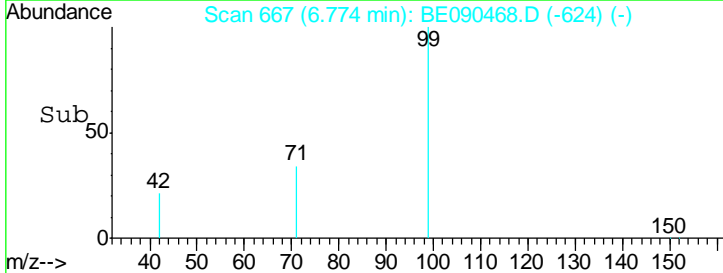
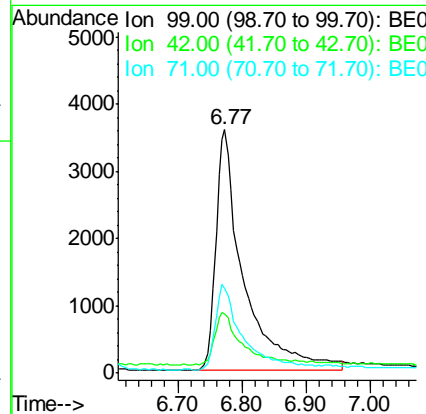
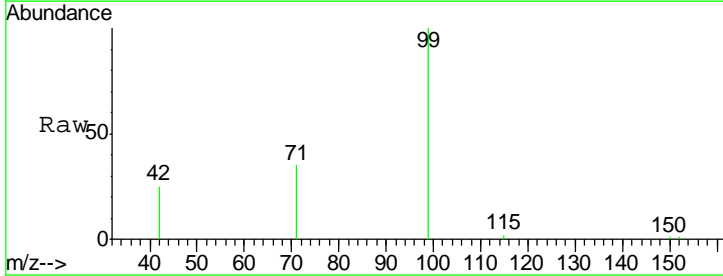
Instrument :  
 BNA\_E  
 ClientSampled :

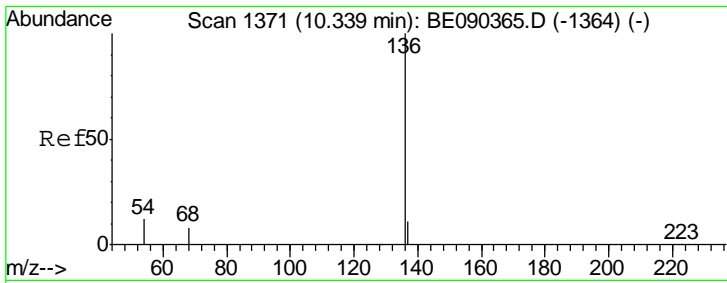
Tgt Ion	Resp	Lower	Upper
112	11671		
64	71.0	37.1	55.7#
63	37.0	19.5	29.3#



#5  
 Phenol-d6  
 Concen: 1.86 ng  
 RT: 6.77 min Scan# 667  
 Delta R.T. -0.00 min  
 Lab File: BE090468.D  
 Acq: 12 Aug 2015 15:29

Tgt Ion	Resp	Lower	Upper
99	10675		
42	20.5	18.2	27.4
71	34.9	27.4	41.0

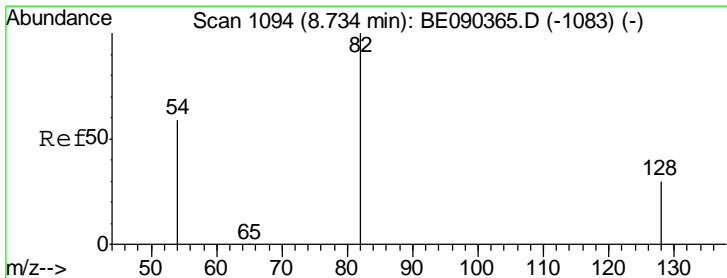
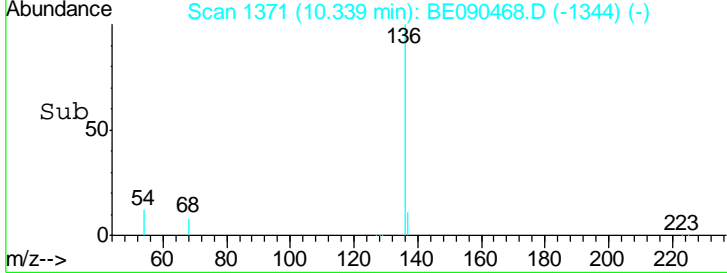
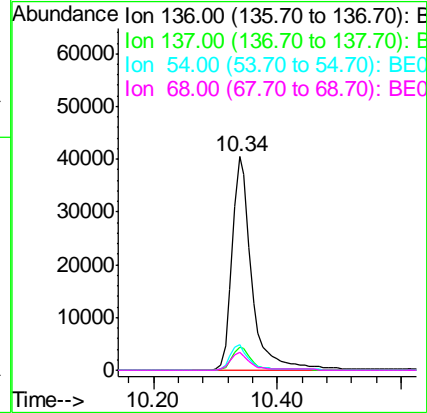
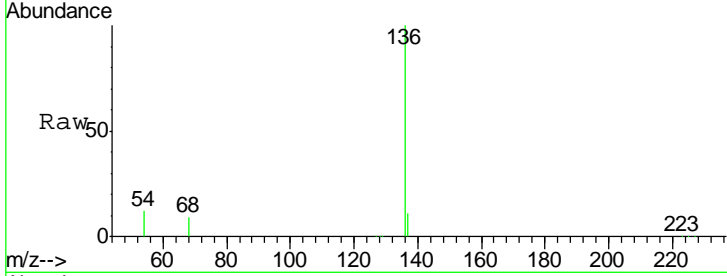




#6  
 Naphthalene-d8  
 Concen: 5.00 ng  
 RT: 10.34 min Scan# 1371  
 Delta R.T. -0.00 min  
 Lab File: BE090468.D  
 Acq: 12 Aug 2015 15:29

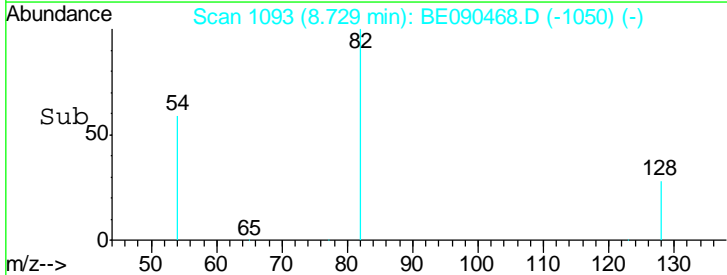
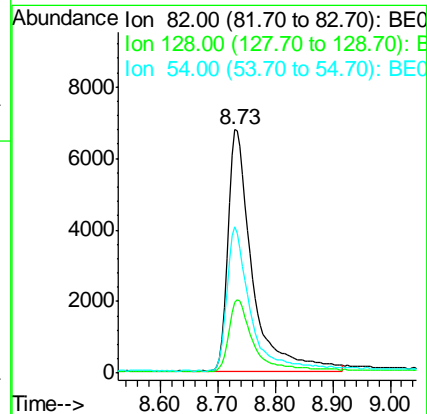
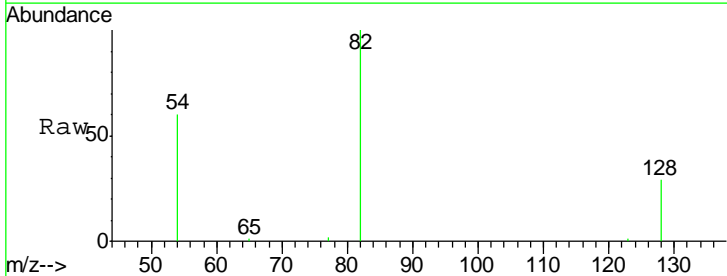
Instrument :  
 BNA\_E  
 ClientSampled :

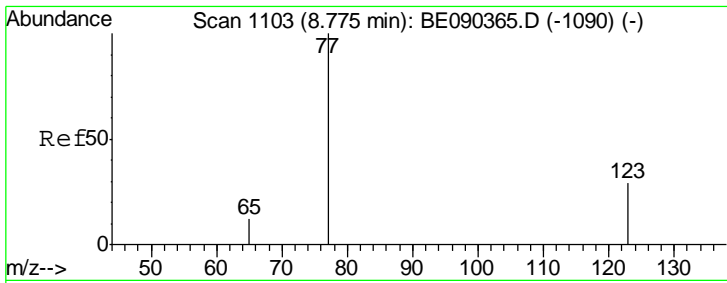
Tgt Ion	Resp	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	11.8	9.4	14.0
68	8.5	6.5	9.7



#7  
 Nitrobenzene-d5  
 Concen: 2.87 ng  
 RT: 8.73 min Scan# 1093  
 Delta R.T. -0.00 min  
 Lab File: BE090468.D  
 Acq: 12 Aug 2015 15:29

Tgt Ion	Resp	Lower	Upper
82	100		
128	28.9	25.0	37.6
54	59.9	48.8	73.2

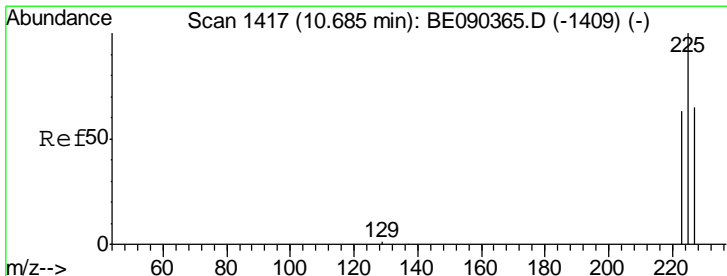
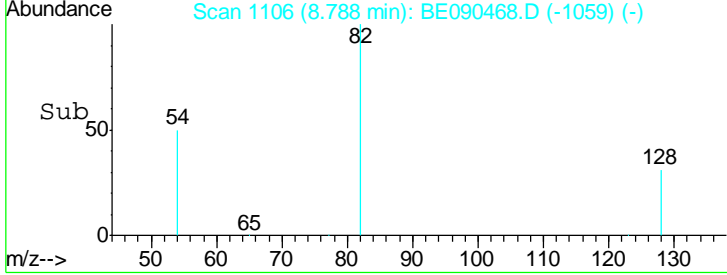
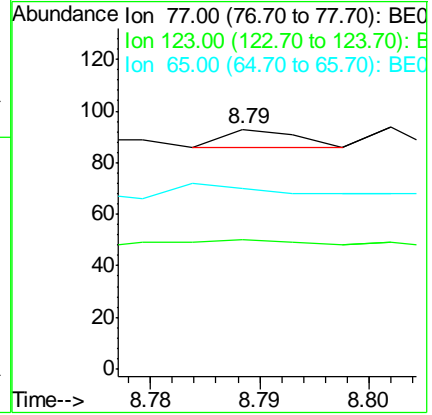
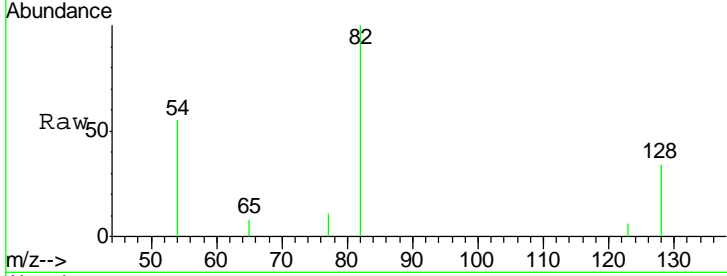




#8  
 Nitrobenzene  
 Concen: 0.21 ng  
 RT: 8.79 min Scan# 1106  
 Delta R.T. 0.01 min  
 Lab File: BE090468.D  
 Acq: 12 Aug 2015 15:29

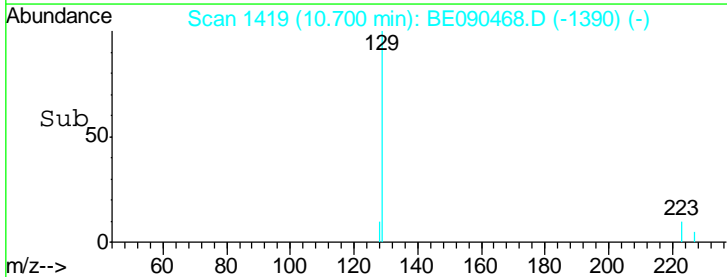
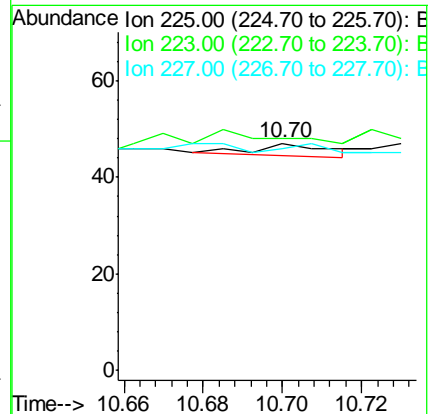
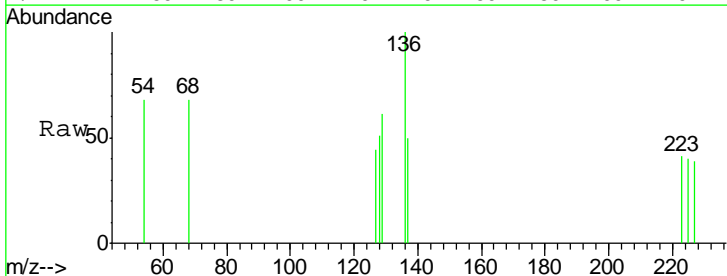
Instrument :  
 BNA\_E  
 ClientSampled :

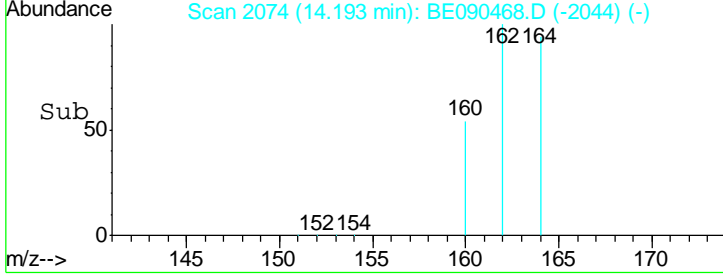
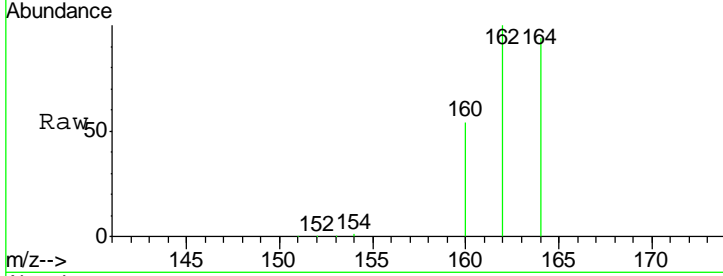
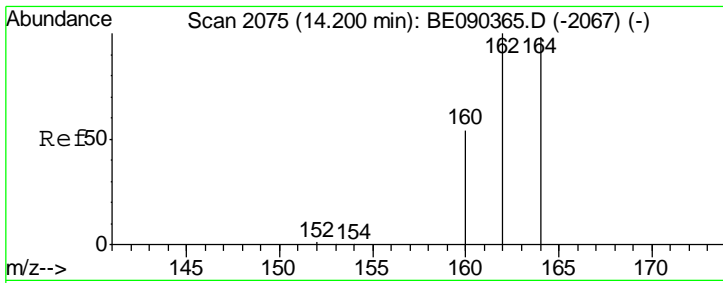
Tgt Ion	Resp	Lower	Upper
77	100		
123	33.3	25.1	37.7
65	233.3	9.3	13.9#



#10  
 Hexachlorobutadiene  
 Concen: Below Cal  
 RT: 10.70 min Scan# 1419  
 Delta R.T. 0.01 min  
 Lab File: BE090468.D  
 Acq: 12 Aug 2015 15:29

Tgt Ion	Resp	Lower	Upper
225	100		
223	0.0	50.6	75.8#
227	25.0	50.7	76.1#

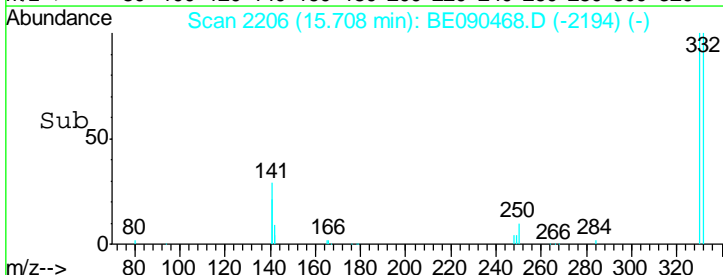
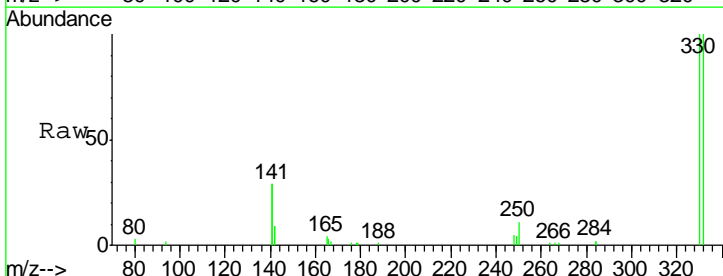
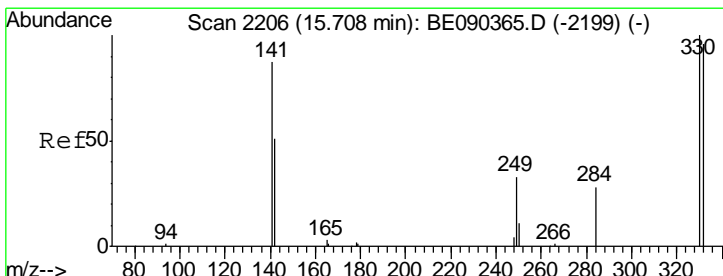
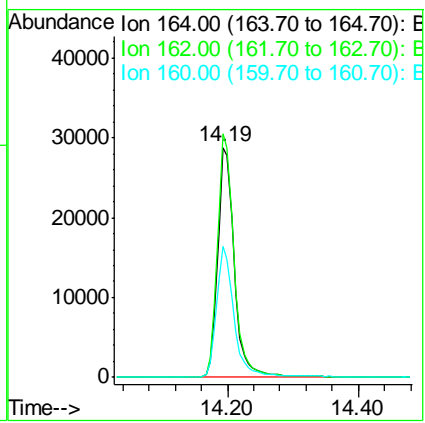




#12  
 Acenaphthene-d10  
 Concen: 5.00 ng  
 RT: 14.19 min Scan# 2074  
 Delta R.T. -0.01 min  
 Lab File: BE090468.D  
 Acq: 12 Aug 2015 15:29

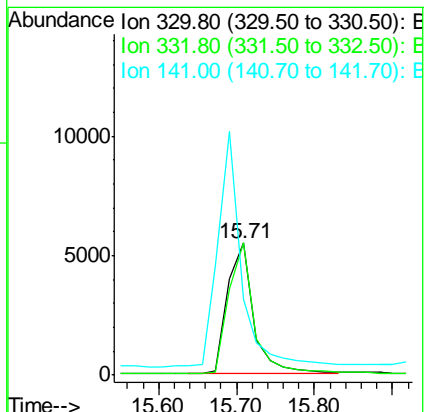
Instrument :  
 BNA\_E  
 ClientSampled :

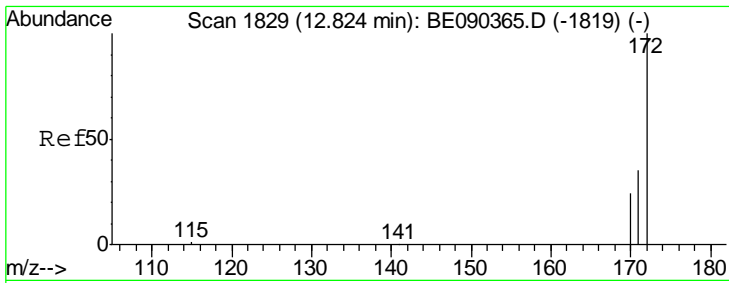
Tgt Ion	Resp	Lower	Upper
164	50555		
162	105.9	81.8	122.8
160	57.0	44.2	66.4



#13  
 2,4,6-Tribromophenol  
 Concen: 8.23 ng  
 RT: 15.71 min Scan# 2206  
 Delta R.T. 0.00 min  
 Lab File: BE090468.D  
 Acq: 12 Aug 2015 15:29

Tgt Ion	Resp	Lower	Upper
330	12904		
332	97.0	75.8	113.6
141	160.0	114.4	171.6

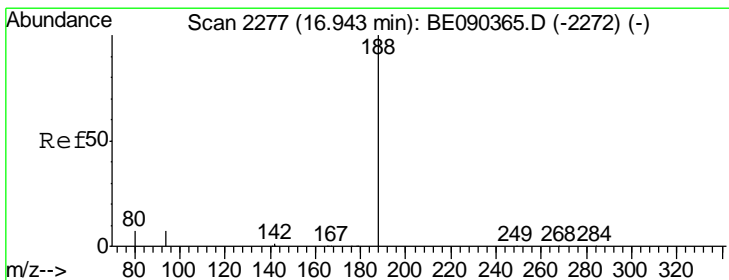
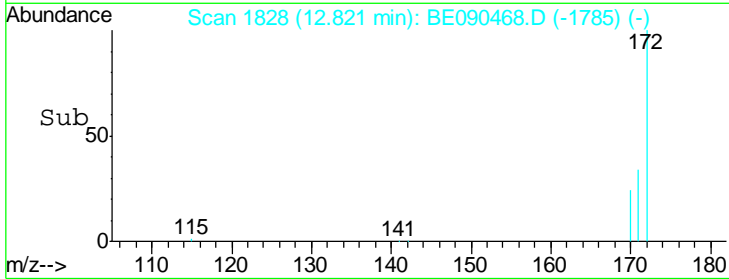
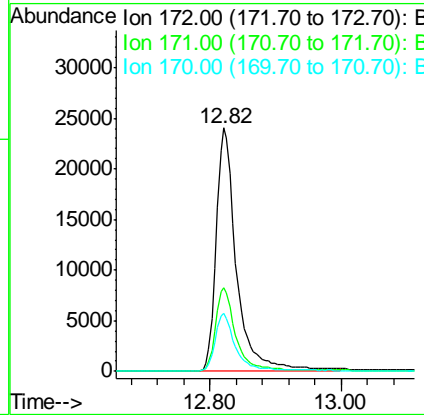
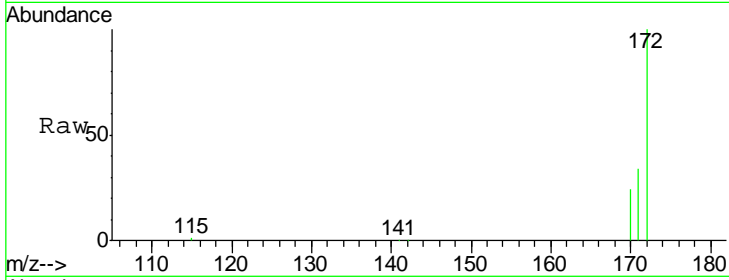




#14  
 2-Fluorobiphenyl  
 Concen: 3.70 ng  
 RT: 12.82 min Scan# 1828  
 Delta R.T. -0.00 min  
 Lab File: BE090468.D  
 Acq: 12 Aug 2015 15:29

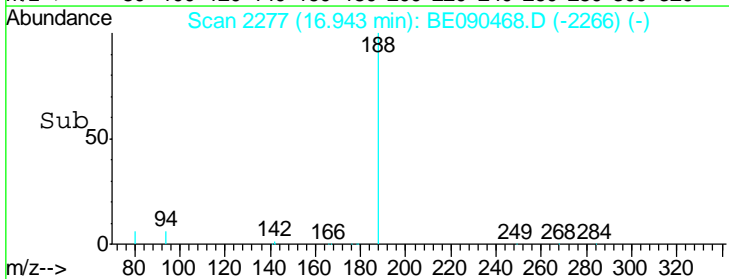
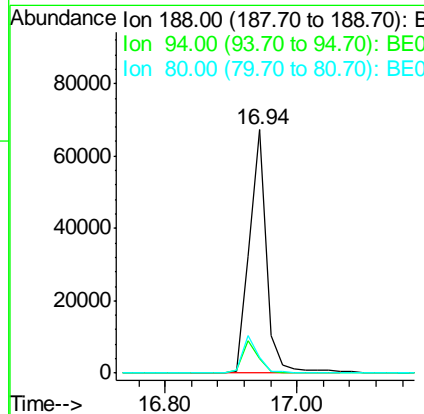
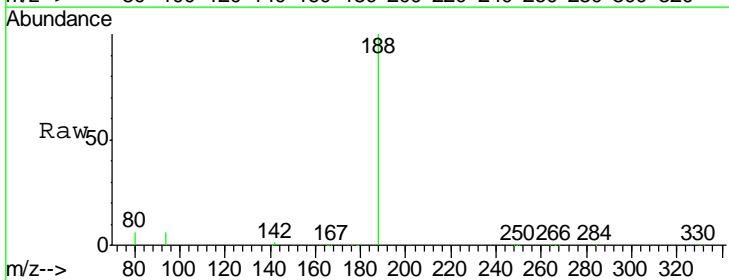
Instrument :  
 BNA\_E  
 ClientSampleId :

Tgt Ion	Resp	Lower	Upper
172	51425		
171	34.4	28.5	42.7
170	23.7	19.8	29.8

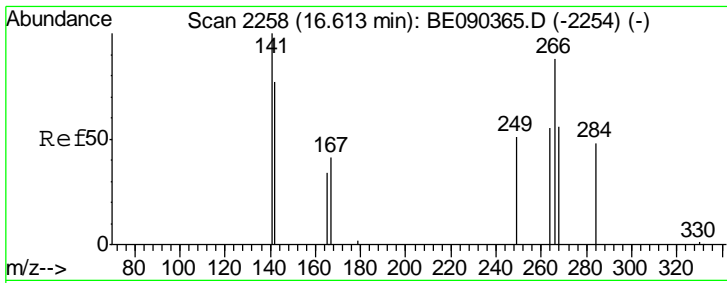


#18  
 Phenanthrene-d10  
 Concen: 5.00 ng  
 RT: 16.94 min Scan# 2277  
 Delta R.T. 0.00 min  
 Lab File: BE090468.D  
 Acq: 12 Aug 2015 15:29

Tgt Ion	Resp	Lower	Upper
188	120920		
94	6.0	5.7	8.5
80	6.3	5.8	8.8



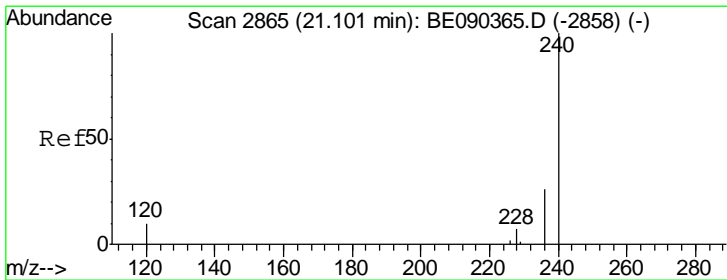
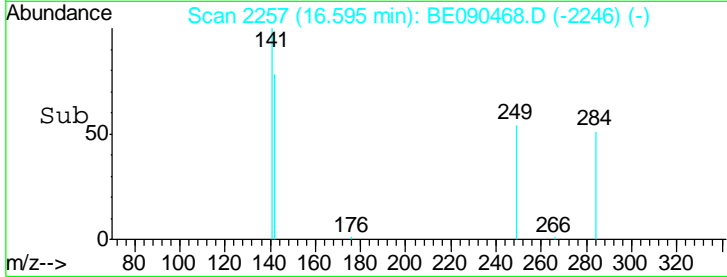
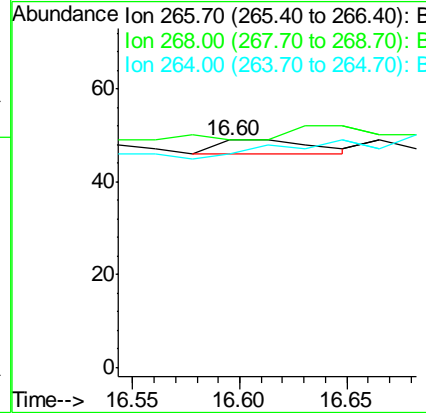
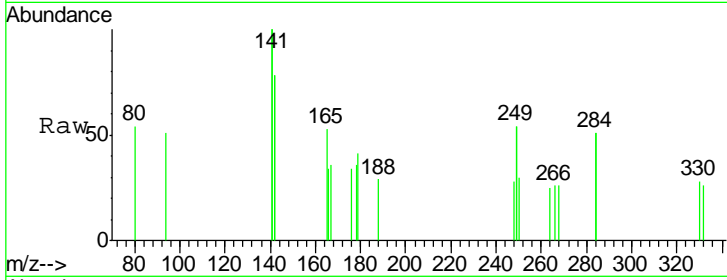




#21  
 Pentachlorophenol  
 Concen: 0.10 ng  
 RT: 16.60 min Scan# 2257  
 Delta R.T. -0.02 min  
 Lab File: BE090468.D  
 Acq: 12 Aug 2015 15:29

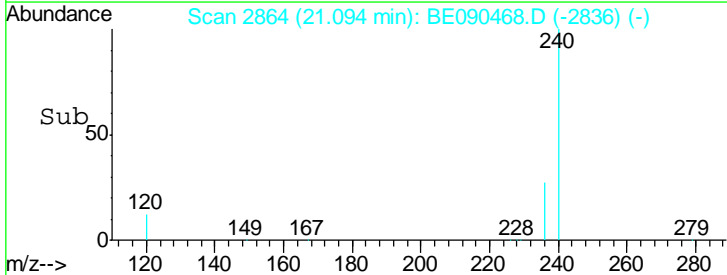
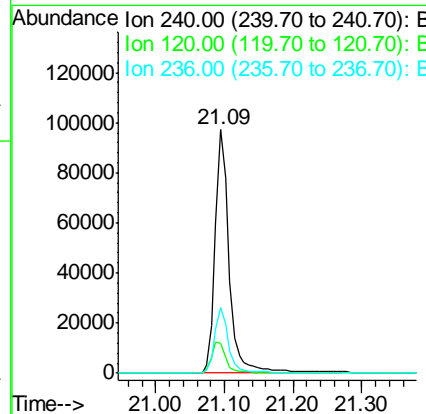
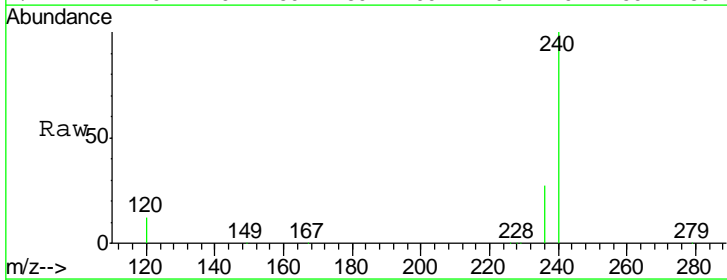
Instrument :  
 BNA\_E  
 ClientSampled :

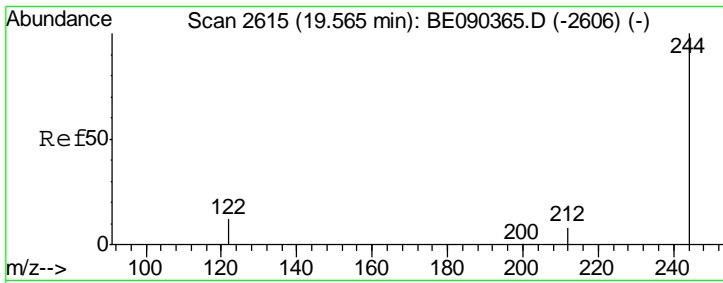
Tgt Ion	Resp	Lower	Upper
266	100		
268	100.0	58.5	87.7#
264	93.9	56.0	84.0#



#25  
 Chrysene-d12  
 Concen: 5.00 ng  
 RT: 21.09 min Scan# 2864  
 Delta R.T. -0.01 min  
 Lab File: BE090468.D  
 Acq: 12 Aug 2015 15:29

Tgt Ion	Resp	Lower	Upper
240	100		
120	12.1	8.3	12.5
236	26.9	21.0	31.4

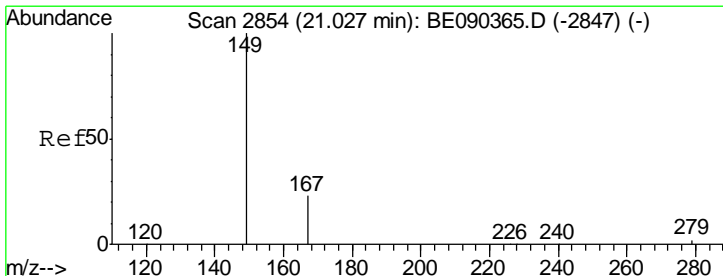
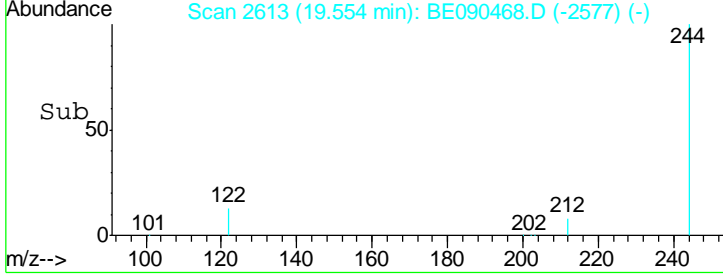
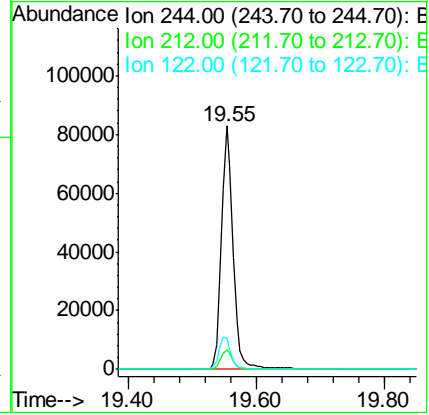
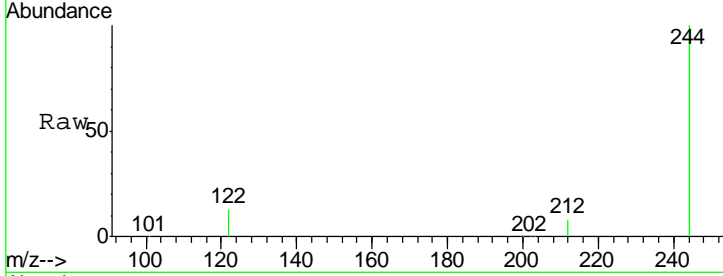




#27  
 Terphenyl-d14  
 Concen: 5.11 ng  
 RT: 19.55 min Scan# 2613  
 Delta R.T. -0.01 min  
 Lab File: BE090468.D  
 Acq: 12 Aug 2015 15:29

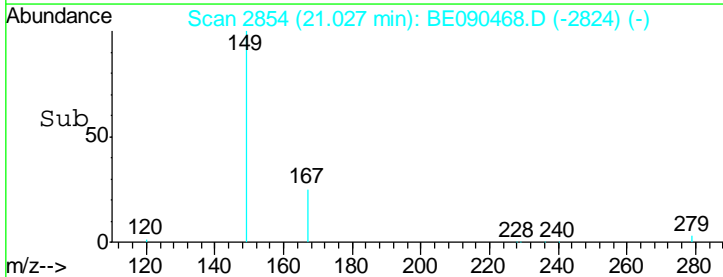
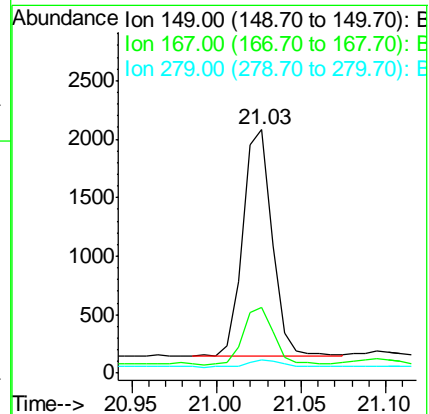
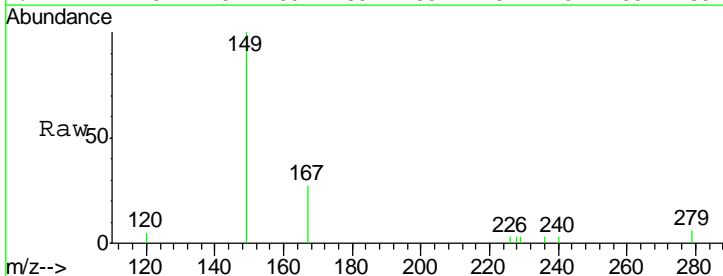
Instrument :  
 BNA\_E  
 ClientSampled :

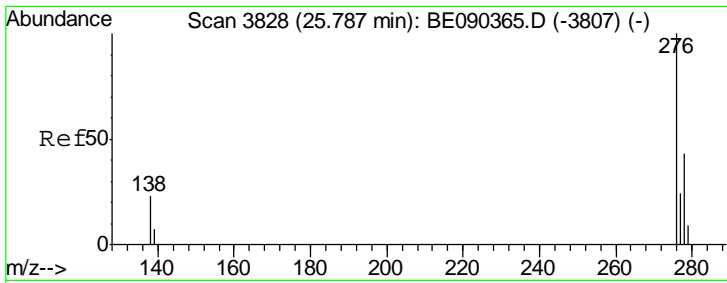
Tgt Ion	Resp	Lower	Upper
244	100		
212	8.2	6.6	9.8
122	12.9	10.2	15.4



#30  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.42 ng  
 RT: 21.03 min Scan# 2854  
 Delta R.T. 0.00 min  
 Lab File: BE090468.D  
 Acq: 12 Aug 2015 15:29

Tgt Ion	Resp	Lower	Upper
149	100		
167	25.9	19.8	29.8
279	3.7	2.4	3.6#

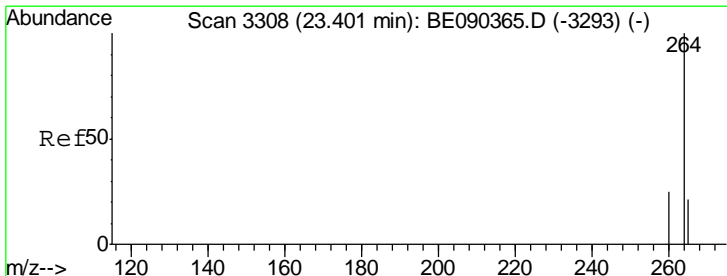
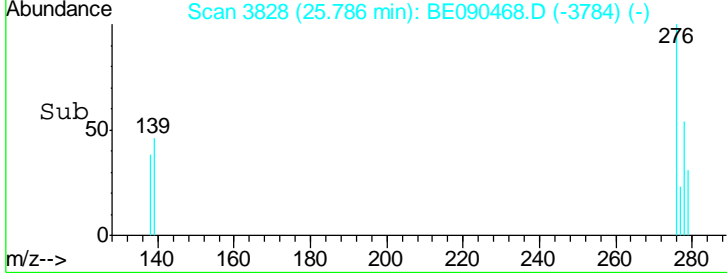
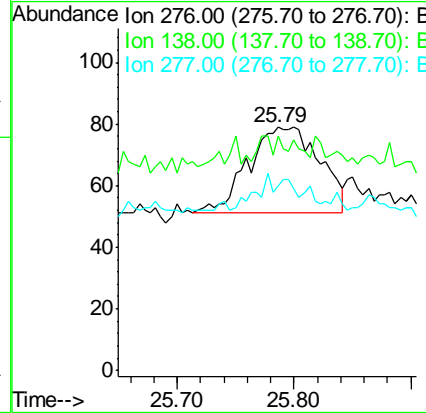
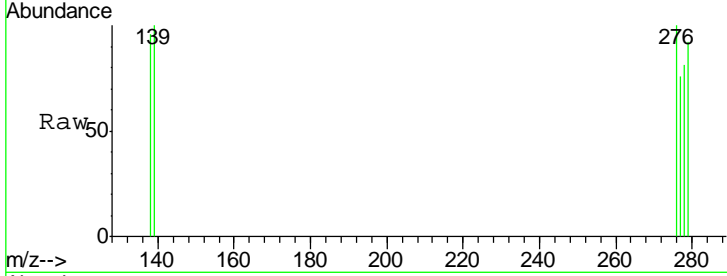




#31  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.26 ng  
 RT: 25.79 min Scan# 3828  
 Delta R.T. 0.00 min  
 Lab File: BE090468.D  
 Acq: 12 Aug 2015 15:29

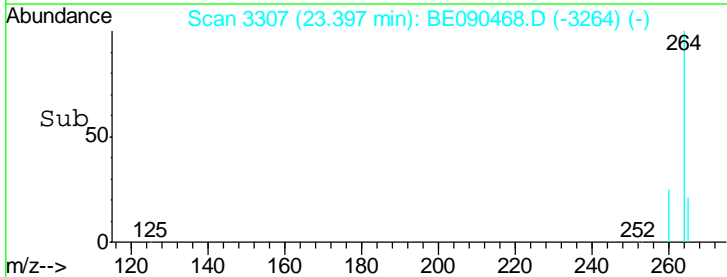
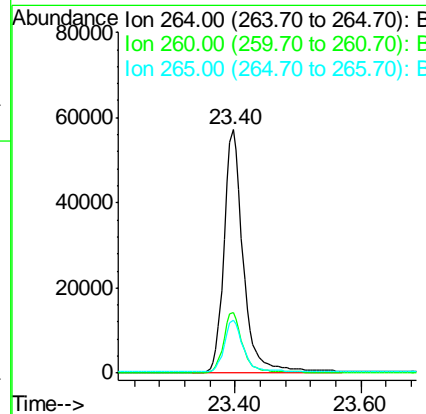
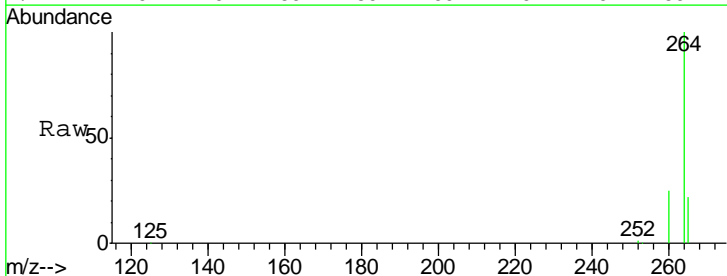
Instrument :  
 BNA\_E  
 ClientSampled :

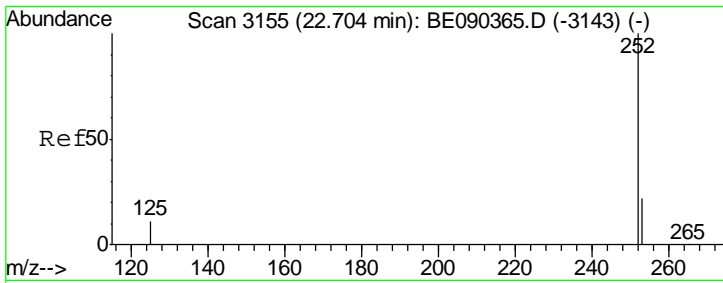
Tgt Ion	Resp	Lower	Upper
276	119		
138	5.0	18.8	28.2#
277	9.2	18.2	27.4#



#32  
 Perylene-d12  
 Concen: 5.00 ng  
 RT: 23.40 min Scan# 3307  
 Delta R.T. -0.00 min  
 Lab File: BE090468.D  
 Acq: 12 Aug 2015 15:29

Tgt Ion	Resp	Lower	Upper
264	121700		
260	24.8	20.1	30.1
265	21.8	17.2	25.8

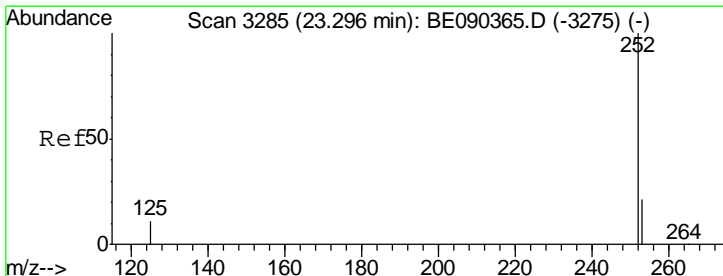
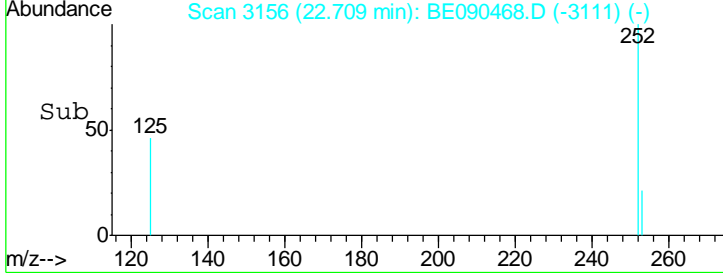
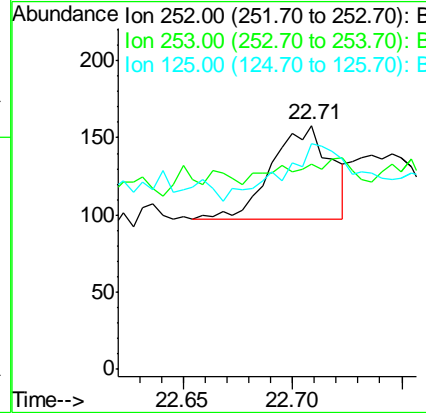
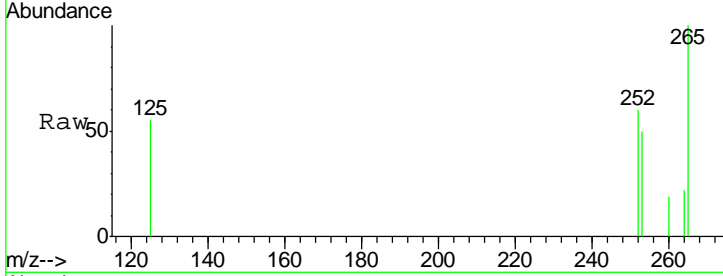




#33  
 Benzo(b)fluoranthene  
 Concen: 0.20 ng  
 RT: 22.71 min Scan# 3156  
 Delta R.T. 0.00 min  
 Lab File: BE090468.D  
 Acq: 12 Aug 2015 15:29

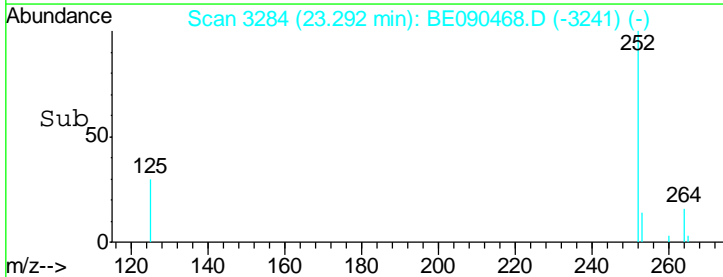
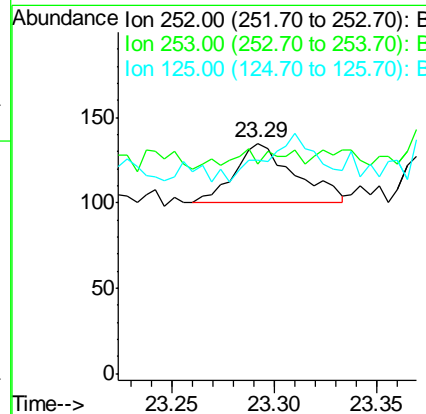
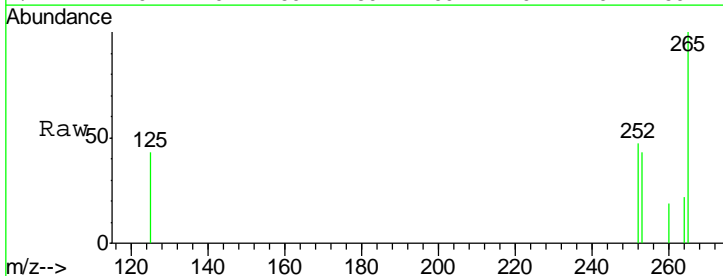
Instrument :  
 BNA\_E  
 ClientSampled :

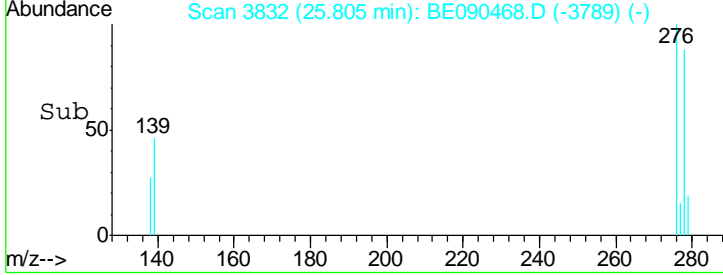
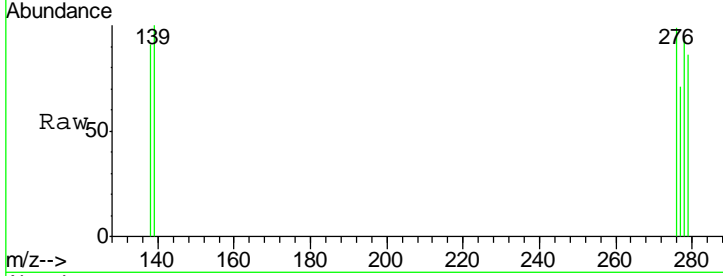
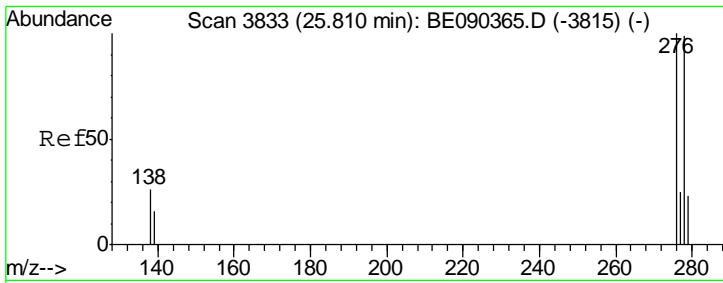
Tgt Ion	Resp	Lower	Upper
252	116		
253	84.2	18.1	27.1#
125	92.4	9.4	14.2#



#35  
 Benzo(a)pyrene  
 Concen: 0.23 ng  
 RT: 23.29 min Scan# 3284  
 Delta R.T. -0.00 min  
 Lab File: BE090468.D  
 Acq: 12 Aug 2015 15:29

Tgt Ion	Resp	Lower	Upper
252	72		
253	91.1	17.6	26.4#
125	92.6	9.8	14.6#





#36  
 Dibenzo(a,h)anthracene  
 Concen: 0.29 ng  
 RT: 25.80 min Scan# 3832  
 Delta R.T. -0.00 min  
 Lab File: BE090468.D  
 Acq: 12 Aug 2015 15:29

Instrument :  
 BNA\_E  
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	106.8	14.2	21.4#
279	91.9	20.1	30.1#

