Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081115\
Data File : BE090457.D
Acq On : 12 Aug 2015 8:49
Operator : UM/IZ
Sample : G3136-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 12 11:24:51 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	20821	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	96082	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	54636	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	127688	5.00	ng	0.00
25) Chrysene-d12	21.09	240	148935	5.00	ng	0.00
32) Perylene-d12	23.40	264	135020	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	15577	4.99	ng	0.00
5) Phenol-d6	6.77	99	15294	2.44	ng	0.00
7) Nitrobenzene-d5	8.73	82	28034	3.64	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	16674	9.27	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	66549	4.43	ng	0.00
27) Terphenyl-d14	19.55	244	122667	5.59	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	92	Below Cal	#	1
8) Nitrobenzene	8.82	77	13	0.21	ng #	1
10) Hexachlorobutadiene	10.69	225	5	Below Cal	#	48
21) Pentachlorophenol	16.60	266	37	0.14	ng #	66
30) Bis(2-ethylhexyl)phthalate	21.03	149	3374	0.53	ng	98
31) Indeno(1,2,3-cd)pyrene	25.79	276	220	0.26	ng #	75
33) Benzo(b)fluoranthene	22.71	252	258	0.20	ng #	1
35) Benzo(a)pyrene	23.30	252	131	0.23	ng #	1
36) Dibenzo(a,h)anthracene	25.80	278	174	0.29	ng #	1

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

Quantitation Report (Not Reviewed)

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Acq On : 12 Aug 2015 8:49
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Sample : G3136-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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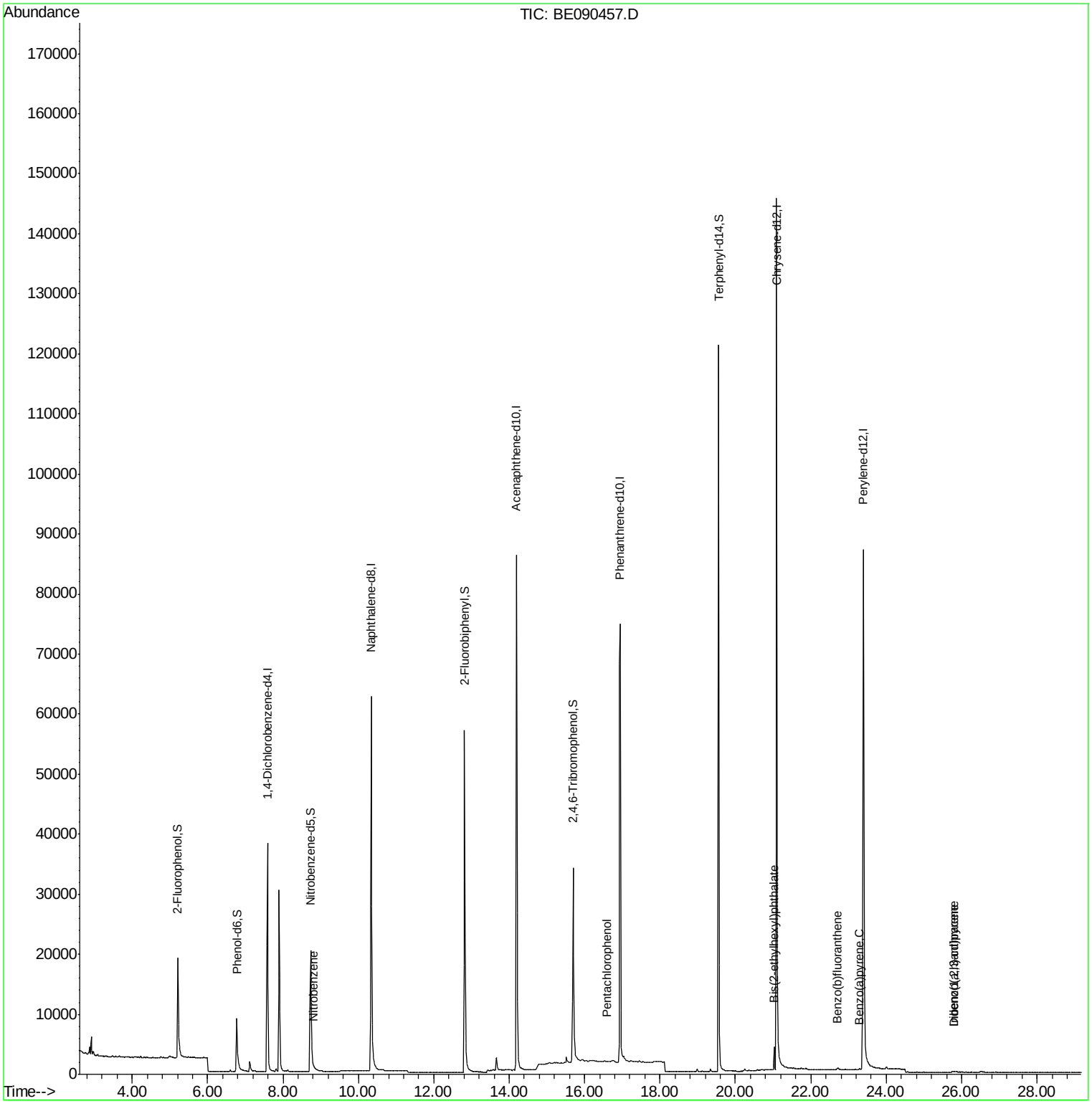
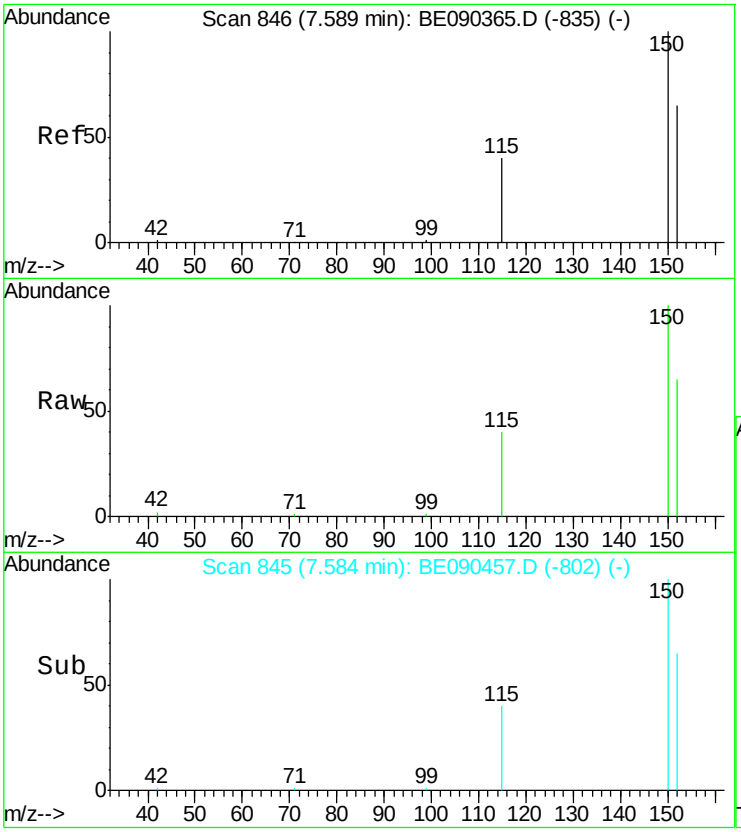
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration



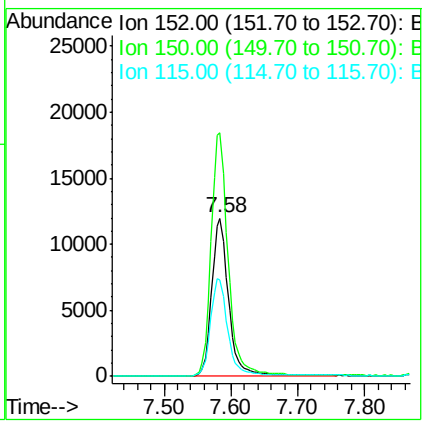


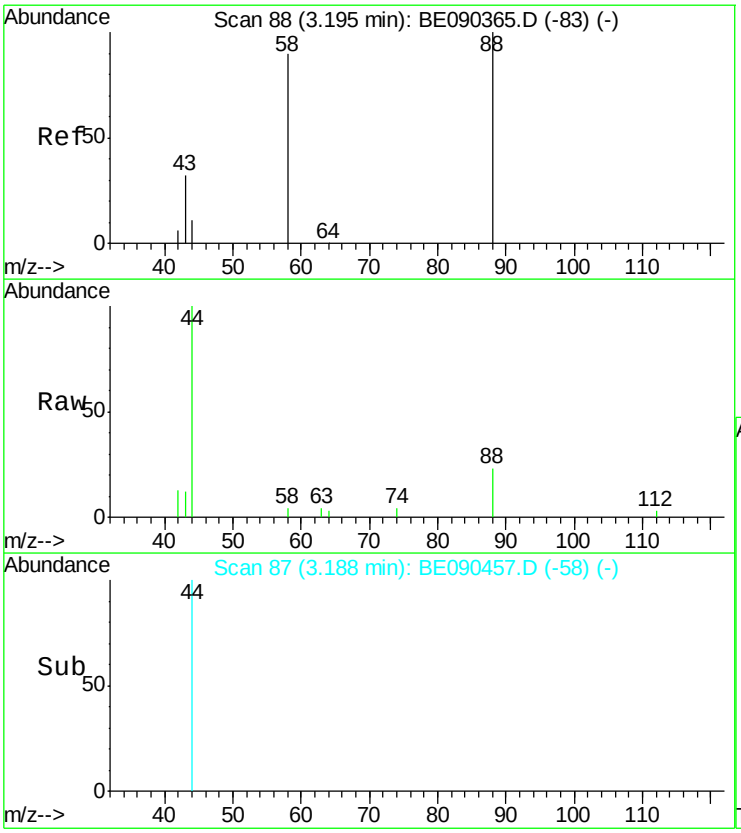
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.00 min
Lab File: BE090457.D
Acq: 12 Aug 2015 8:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 20821

Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.0	184.4
115	61.2	48.9	73.3

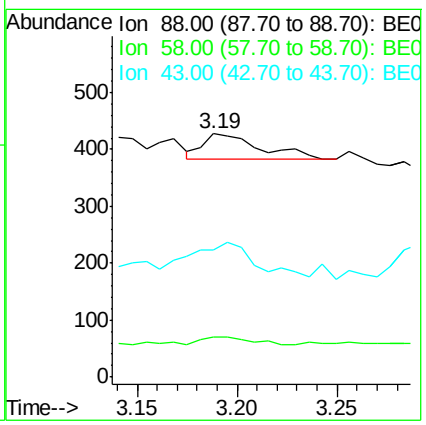


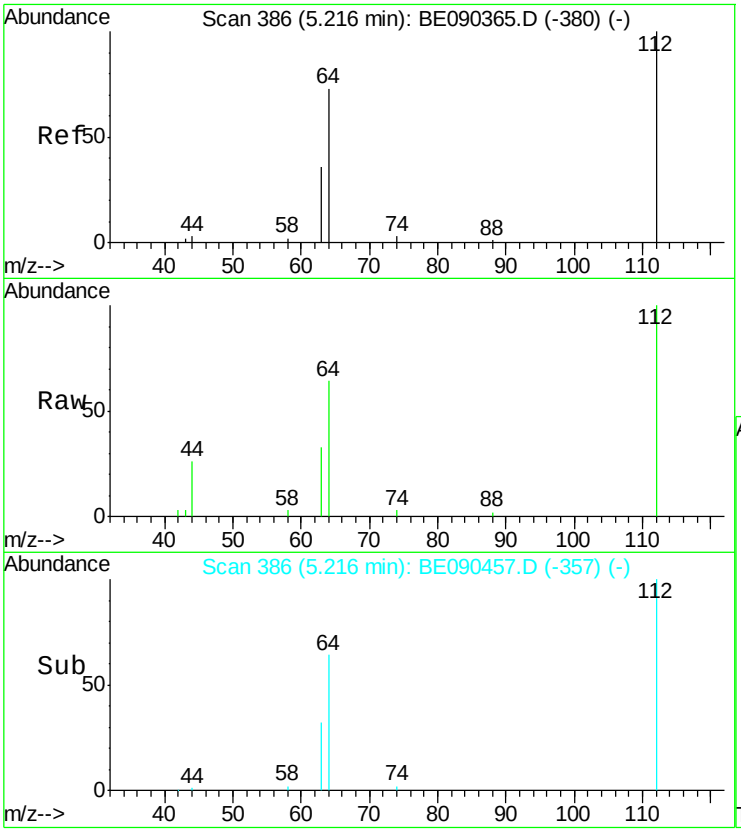


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.19 min Scan# 87
Delta R.T. -0.01 min
Lab File: BE090457.D
Acq: 12 Aug 2015 8:49

Tgt Ion: 88 Resp: 92

Ion	Ratio	Lower	Upper
88	100		
58	25.0	70.0	105.0#
43	148.9	28.4	42.6#



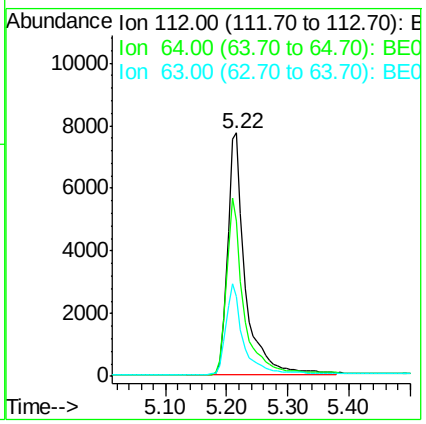


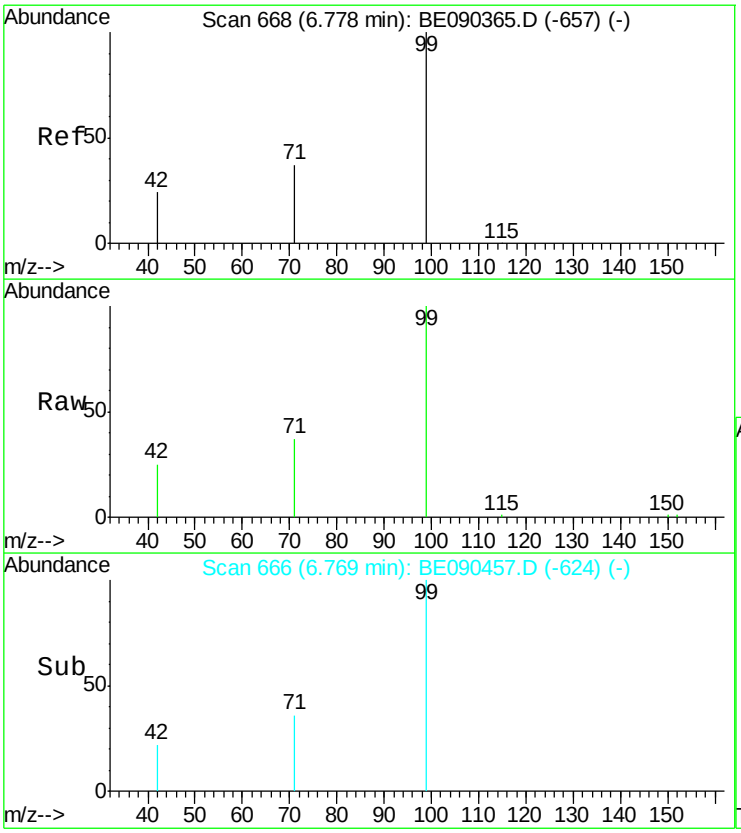
#4
2-Fluorophenol
Concen: 4.99 ng
RT: 5.22 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE090457.D
Acq: 12 Aug 2015 8:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 15577

Ion	Ratio	Lower	Upper
112	100		
64	70.9	37.1	55.7#
63	37.0	19.5	29.3#

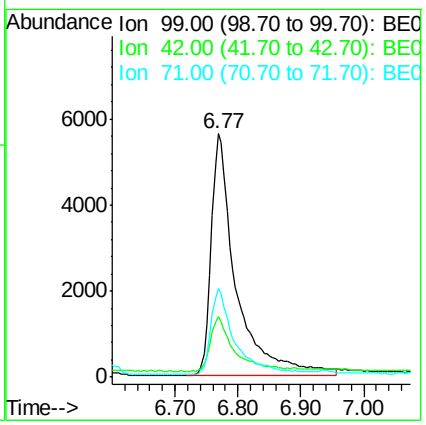


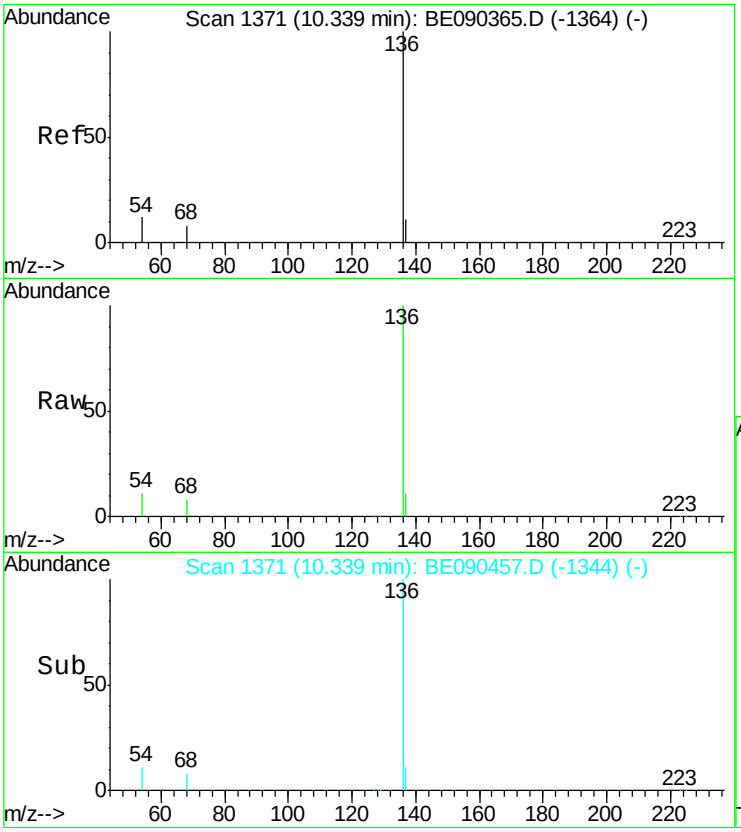


#5
Phenol-d6
Concen: 2.44 ng
RT: 6.77 min Scan# 666
Delta R.T. -0.01 min
Lab File: BE090457.D
Acq: 12 Aug 2015 8:49

Tgt Ion: 99 Resp: 15294

Ion	Ratio	Lower	Upper
99	100		
42	21.3	18.2	27.4
71	35.3	27.4	41.0



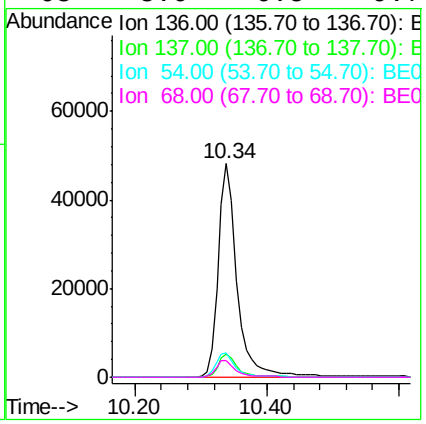


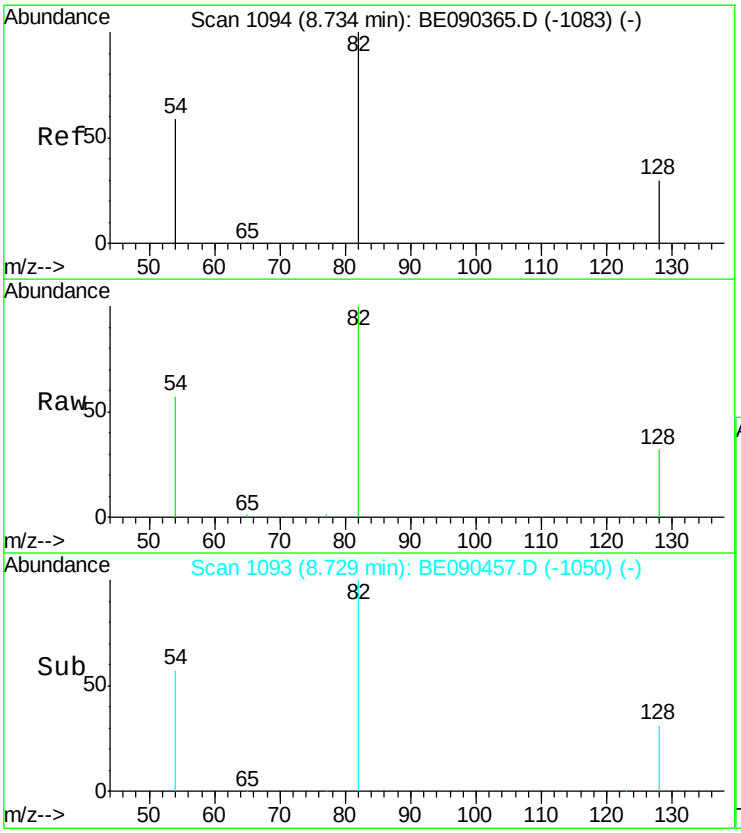
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BE090457.D
Acq: 12 Aug 2015 8:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 96082

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	11.2	9.4	14.0
68	8.0	6.5	9.7

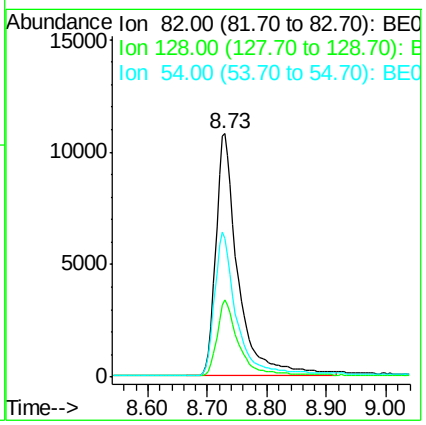


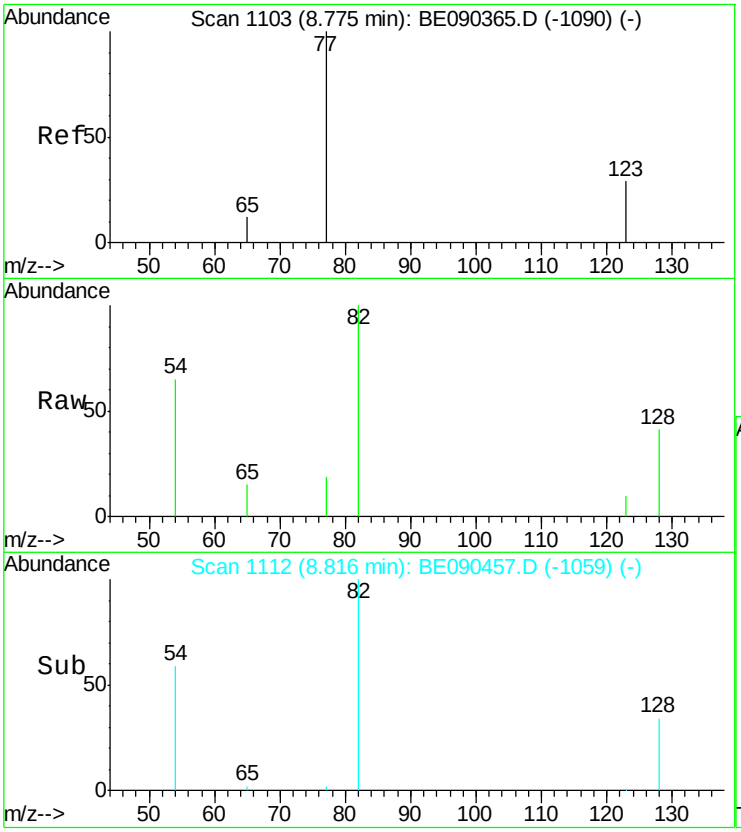


#7
Nitrobenzene-d5
Concen: 3.64 ng
RT: 8.73 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE090457.D
Acq: 12 Aug 2015 8:49

Tgt Ion: 82 Resp: 28034

Ion	Ratio	Lower	Upper
82	100		
128	31.7	25.0	37.6
54	57.1	48.8	73.2



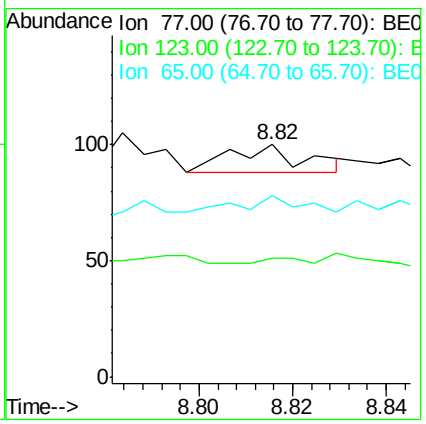


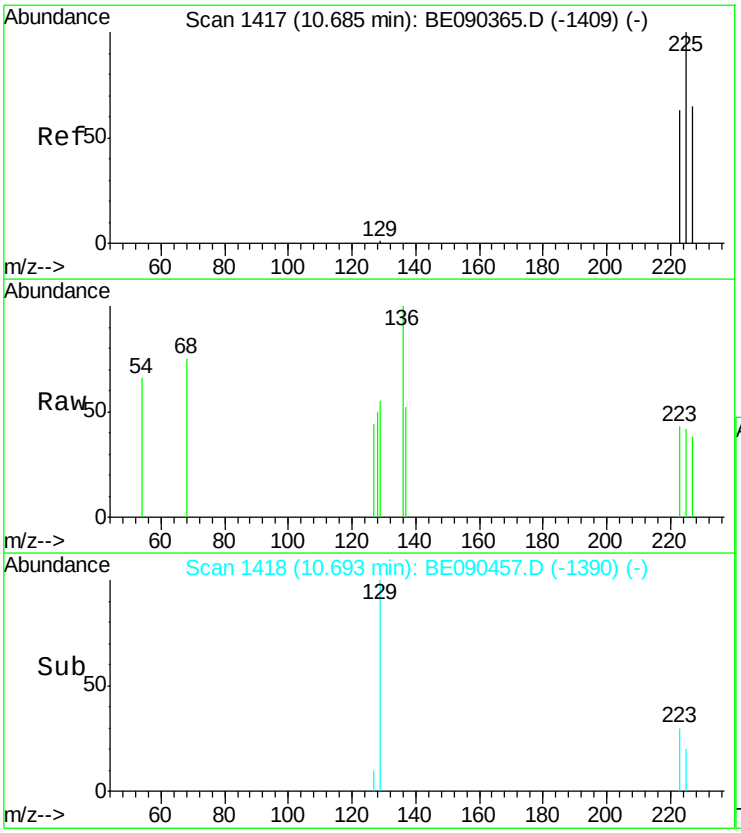
#8
Nitrobenzene
Concen: 0.21 ng
RT: 8.82 min Scan# 1112
Delta R.T. 0.04 min
Lab File: BE090457.D
Acq: 12 Aug 2015 8:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 77 Resp: 13

Ion	Ratio	Lower	Upper
77	100		
123	7.7	25.1	37.7#
65	115.4	9.3	13.9#

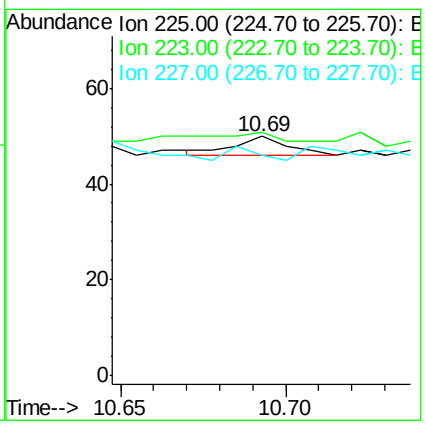


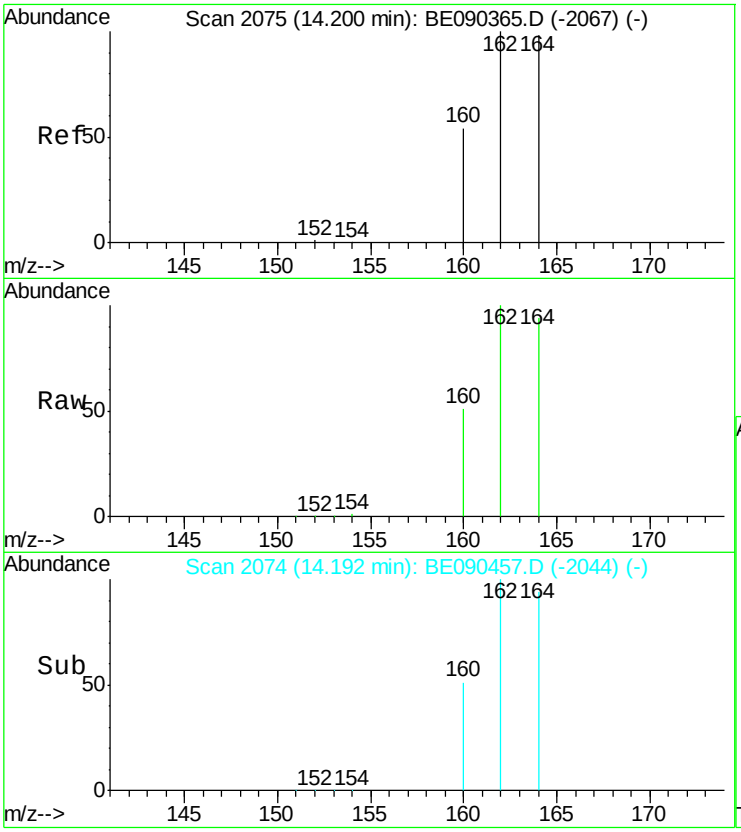


#10
Hexachlorobutadiene
Concen: Below Cal
RT: 10.69 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BE090457.D
Acq: 12 Aug 2015 8:49

Tgt Ion:225 Resp: 5

Ion	Ratio	Lower	Upper
225	100		
223	120.0	50.6	75.8#
227	40.0	50.7	76.1#



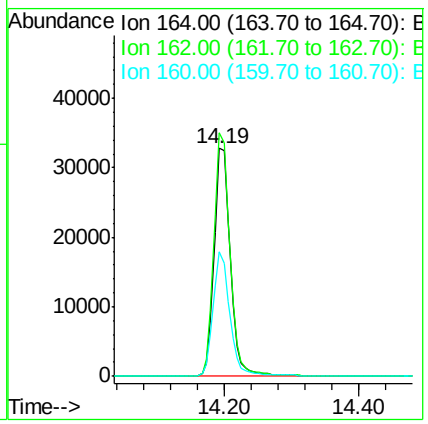


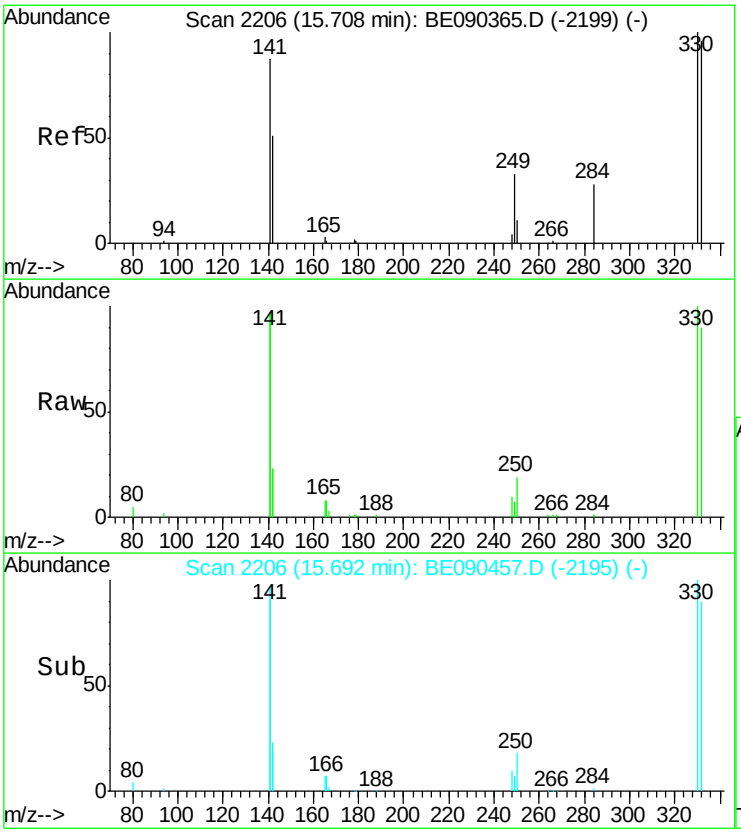
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE090457.D
Acq: 12 Aug 2015 8:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 54636

Ion	Ratio	Lower	Upper
164	100		
162	106.7	81.8	122.8
160	54.4	44.2	66.4

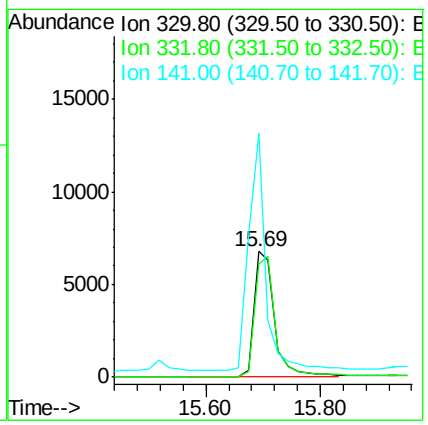


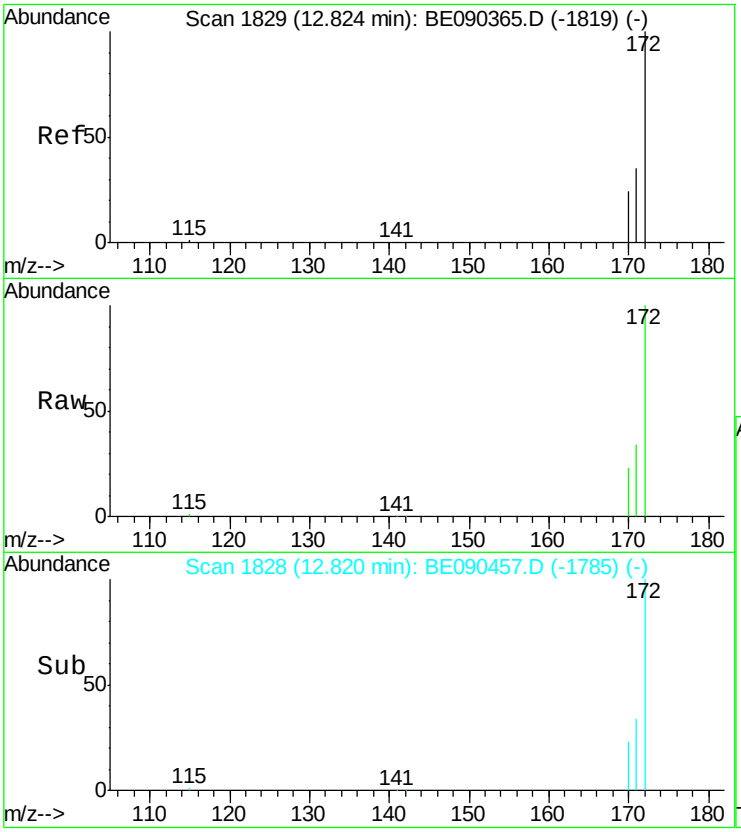


#13
2,4,6-Tribromophenol
Concen: 9.27 ng
RT: 15.69 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BE090457.D
Acq: 12 Aug 2015 8:49

Tgt Ion:330 Resp: 16674

Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.8	113.6
141	160.1	114.4	171.6



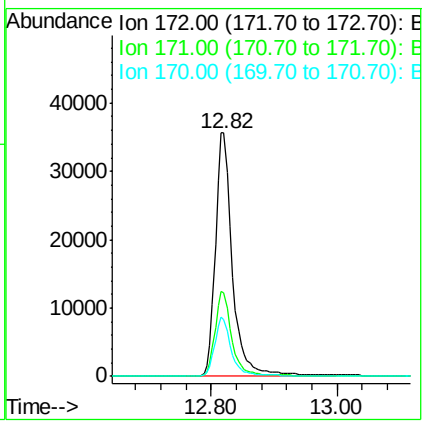


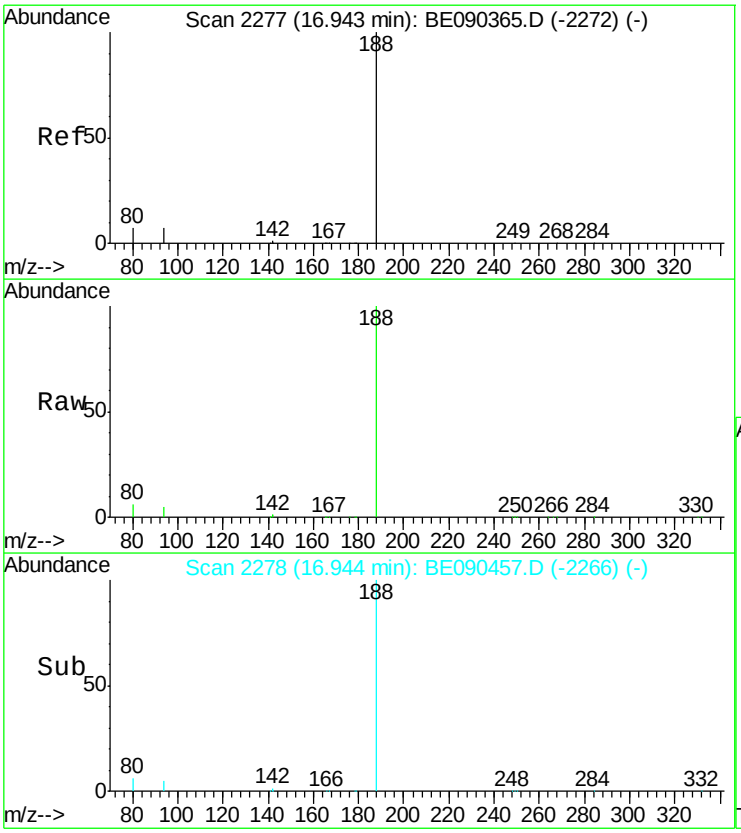
#14
2-Fluorobiphenyl
Concen: 4.43 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE090457.D
Acq: 12 Aug 2015 8:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 66549

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.5	42.7
170	23.5	19.8	29.8

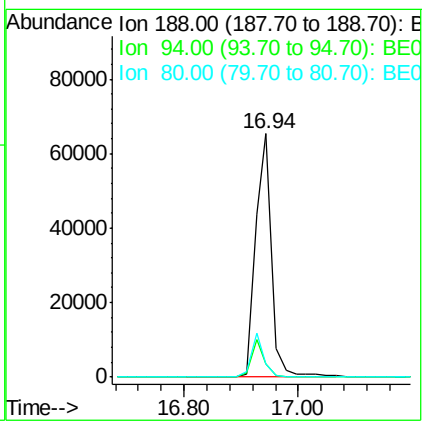


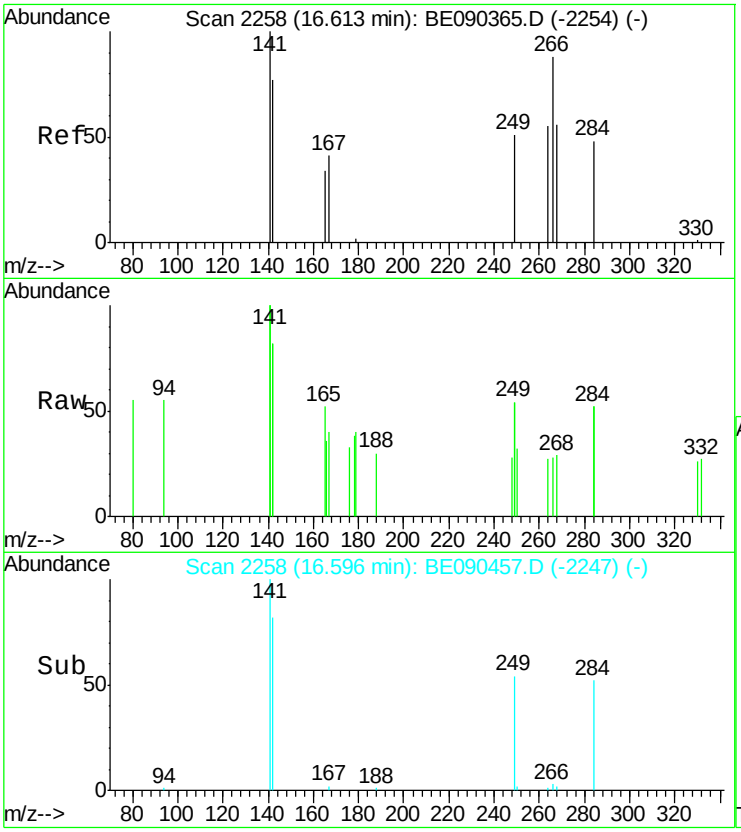


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090457.D
Acq: 12 Aug 2015 8:49

Tgt Ion:188 Resp: 127688

Ion	Ratio	Lower	Upper
188	100		
94	5.5	5.7	8.5#
80	5.7	5.8	8.8#



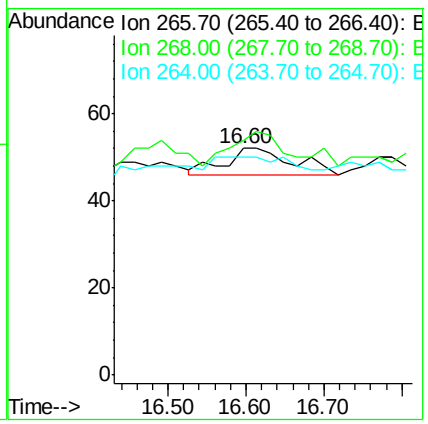


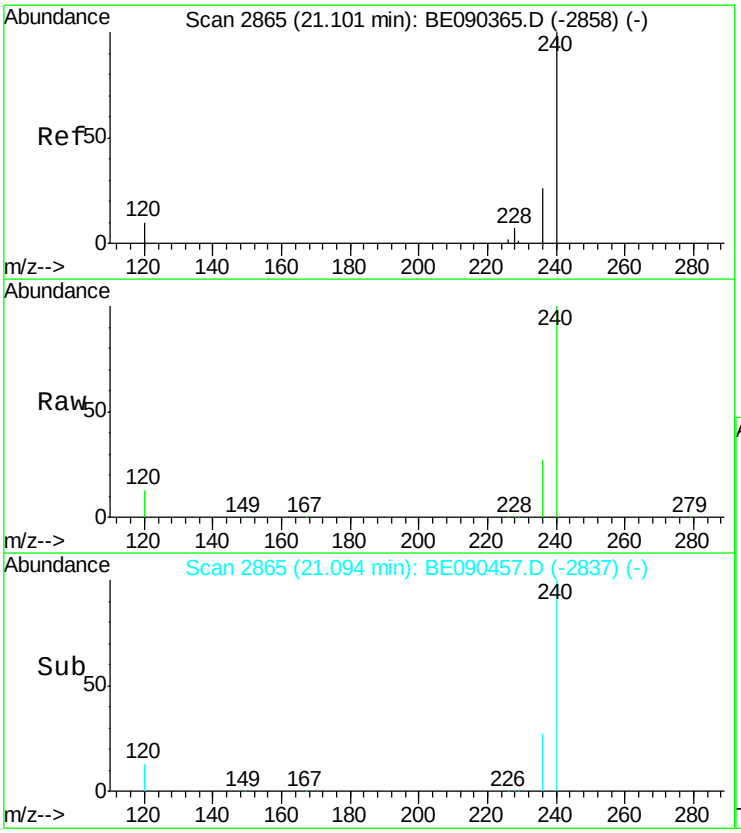
#21
Pentachlorophenol
Concen: 0.14 ng
RT: 16.60 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BE090457.D
Acq: 12 Aug 2015 8:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 37

Ion	Ratio	Lower	Upper
266	100		
268	103.8	58.5	87.7#
264	96.2	56.0	84.0#

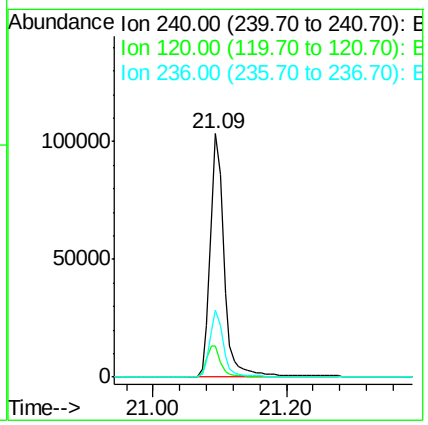


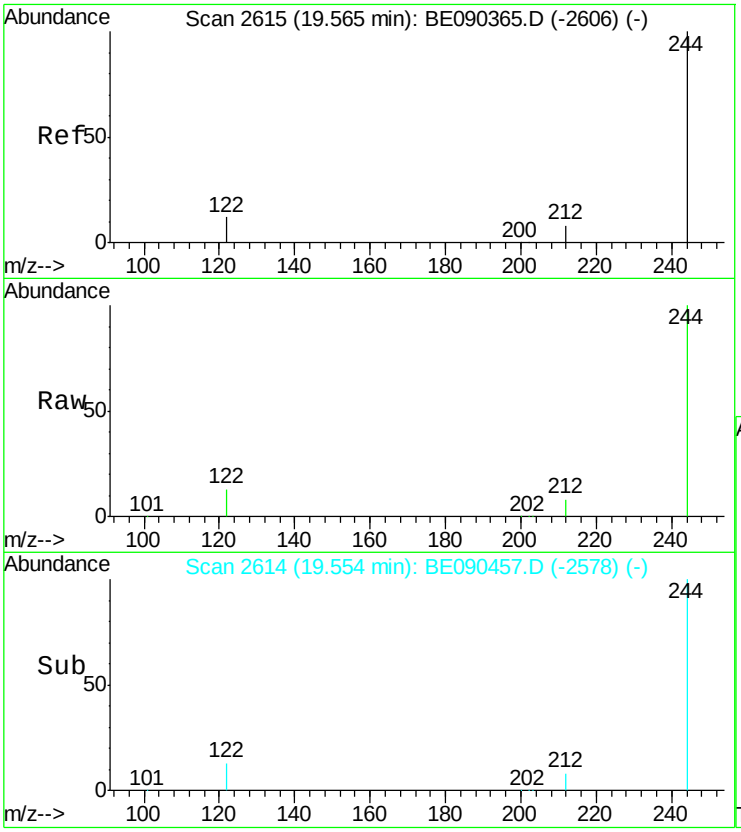


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BE090457.D
Acq: 12 Aug 2015 8:49

Tgt Ion:240 Resp: 148935

Ion	Ratio	Lower	Upper
240	100		
120	12.7	8.3	12.5#
236	27.3	21.0	31.4



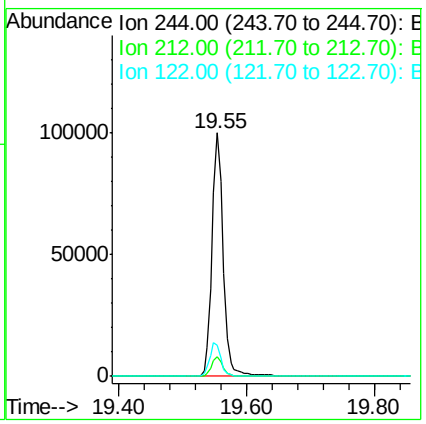


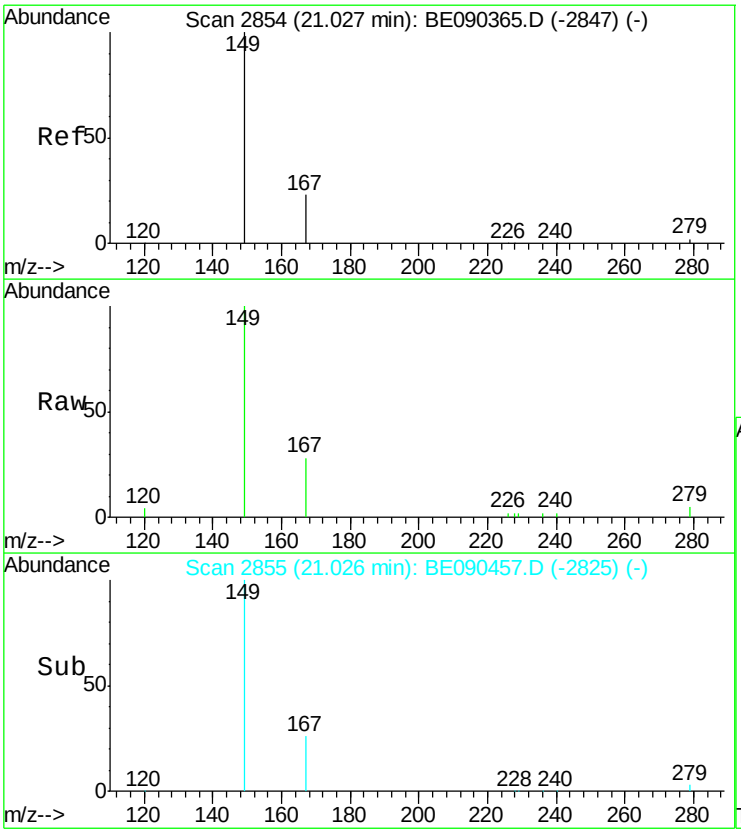
#27
Terphenyl-d14
Concen: 5.59 ng
RT: 19.55 min Scan# 2614
Delta R.T. -0.01 min
Lab File: BE090457.D
Acq: 12 Aug 2015 8:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 122667

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	9.8
122	12.7	10.2	15.4

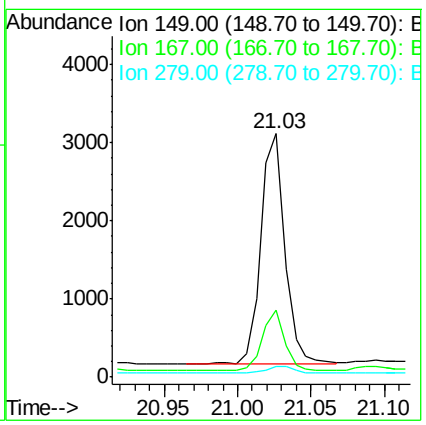


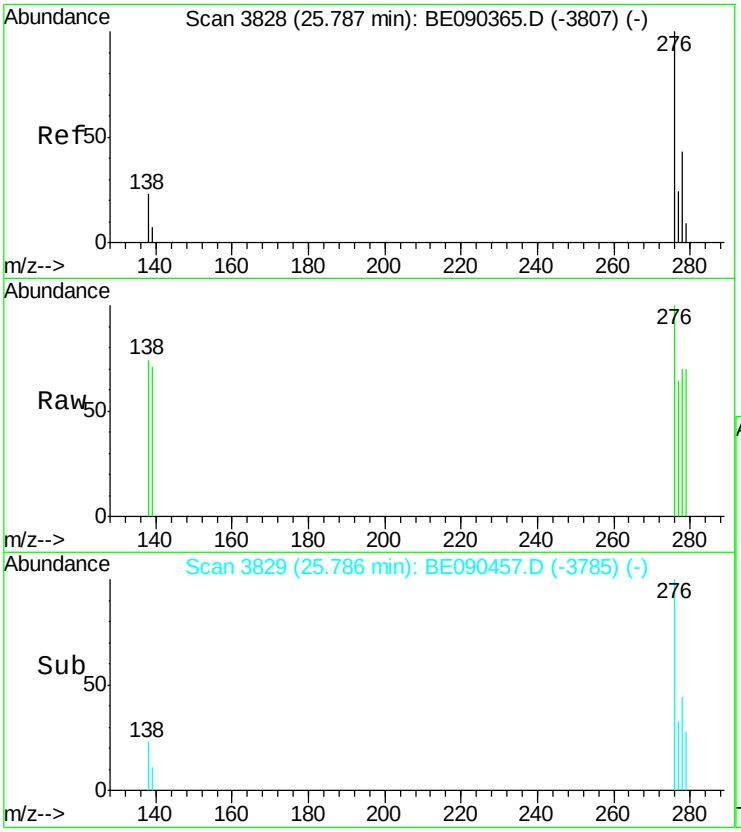


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.53 ng
RT: 21.03 min Scan# 2855
Delta R.T. 0.00 min
Lab File: BE090457.D
Acq: 12 Aug 2015 8:49

Tgt Ion:149 Resp: 3374

Ion	Ratio	Lower	Upper
149	100		
167	23.8	19.8	29.8
279	3.3	2.4	3.6



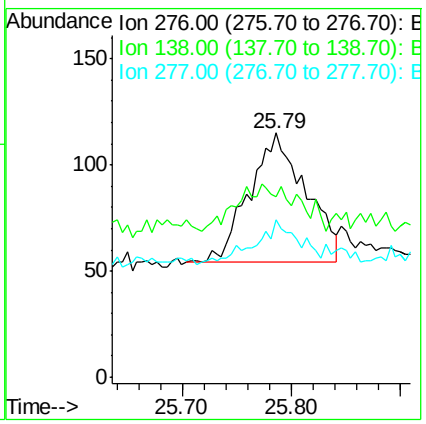


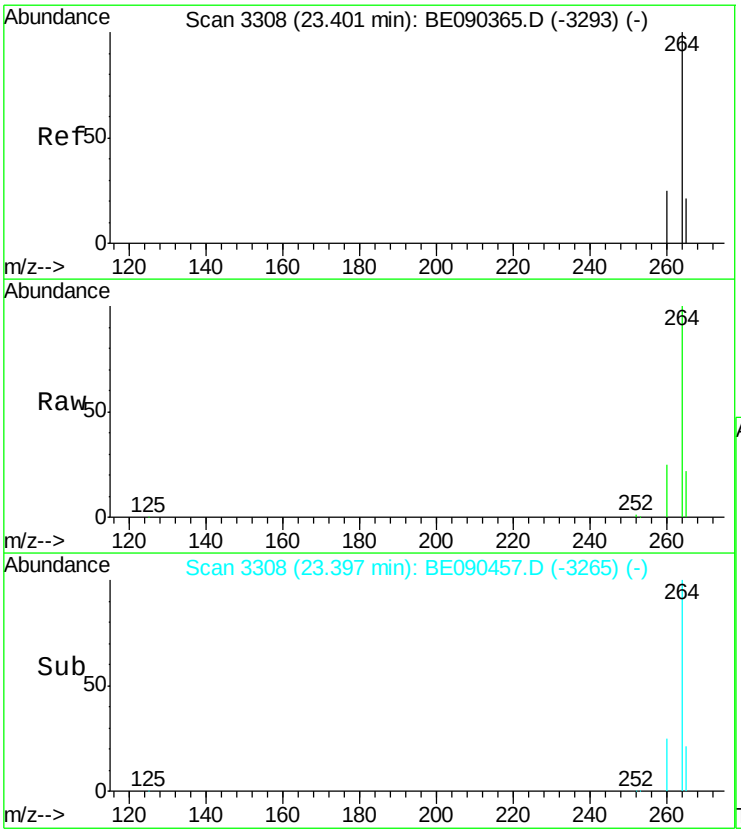
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.26 ng
RT: 25.79 min Scan# 3829
Delta R.T. 0.00 min
Lab File: BE090457.D
Acq: 12 Aug 2015 8:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 220

Ion	Ratio	Lower	Upper
276	100		
138	0.0	18.8	28.2#
277	23.2	18.2	27.4

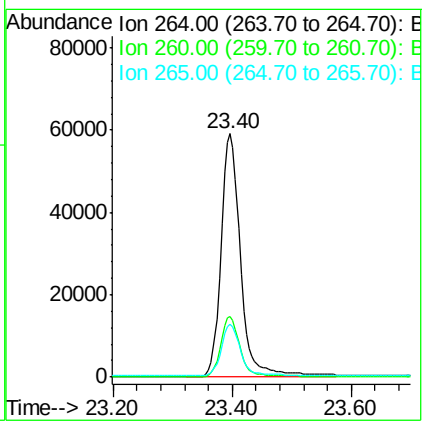


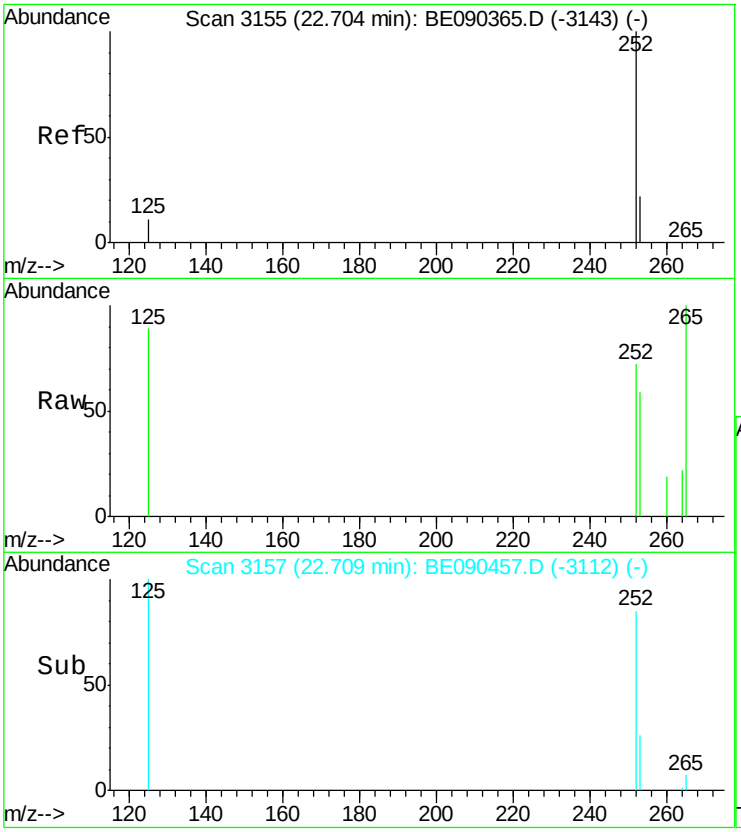


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. -0.00 min
Lab File: BE090457.D
Acq: 12 Aug 2015 8:49

Tgt Ion:264 Resp: 135020

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	21.9	17.2	25.8



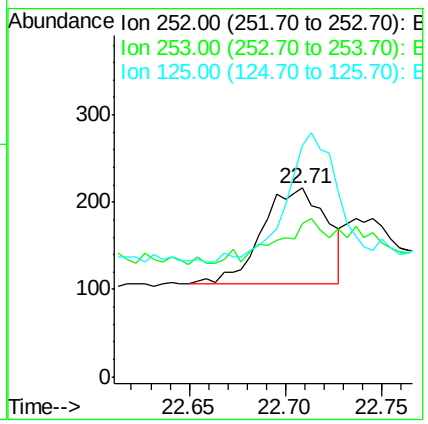


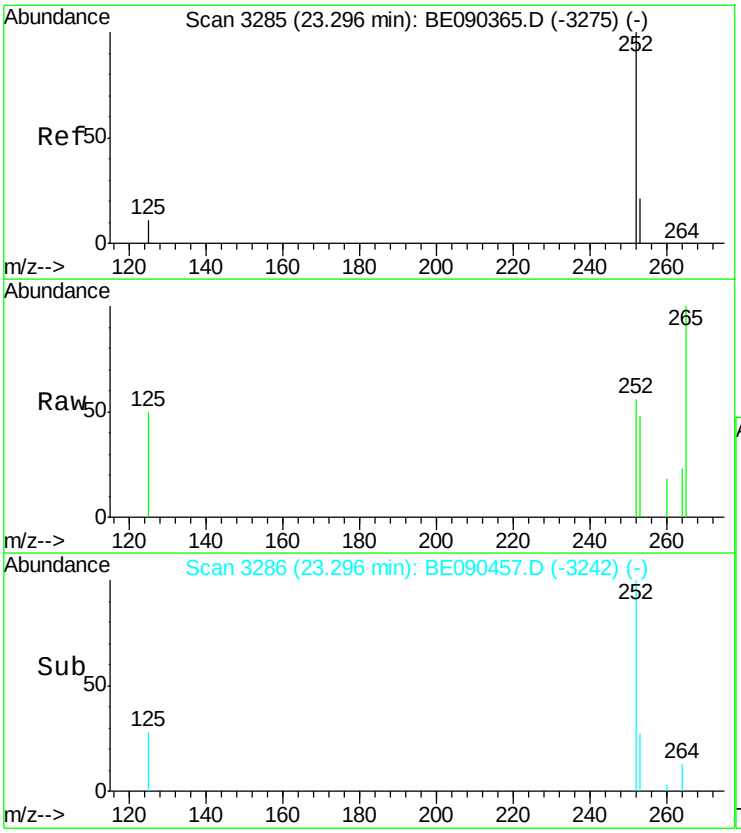
#33
Benzo(b)fluoranthene
Concen: 0.20 ng
RT: 22.71 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BE090457.D
Acq: 12 Aug 2015 8:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 258

Ion	Ratio	Lower	Upper
252	100		
253	81.0	18.1	27.1#
125	122.7	9.4	14.2#

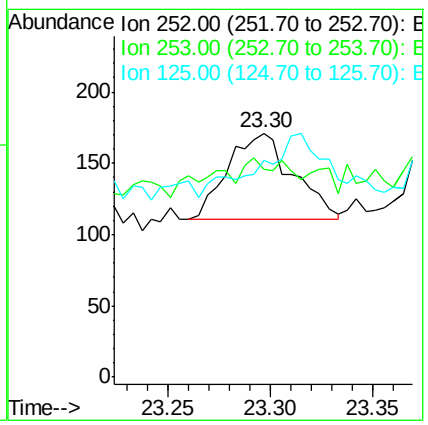


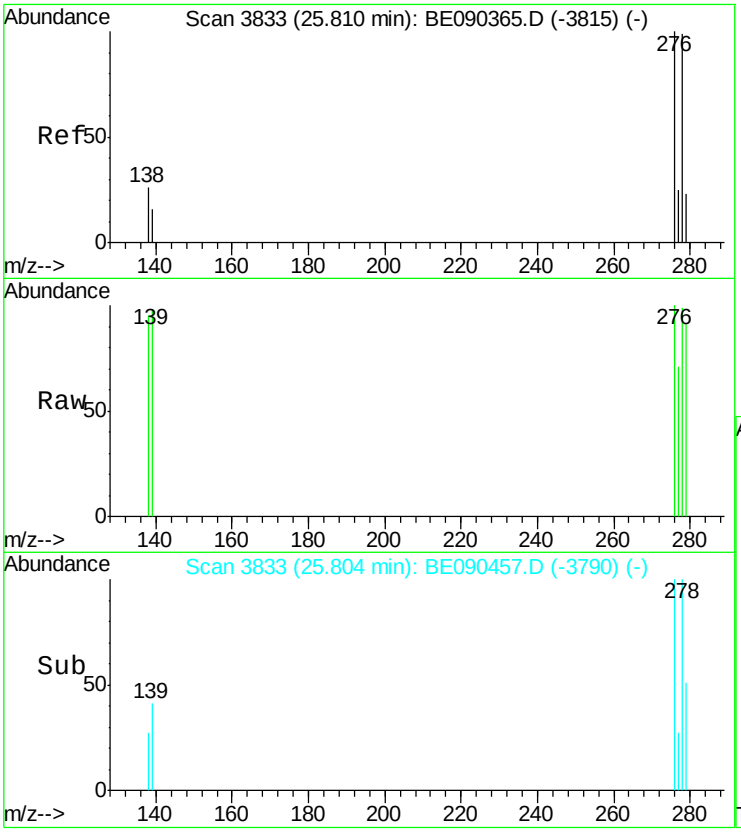


#35
Benzo(a)pyrene
Concen: 0.23 ng
RT: 23.30 min Scan# 3286
Delta R.T. 0.00 min
Lab File: BE090457.D
Acq: 12 Aug 2015 8:49

Tgt Ion:252 Resp: 131

Ion	Ratio	Lower	Upper
252	100		
253	85.4	17.6	26.4#
125	88.9	9.8	14.6#





#36
Dibenzo(a,h)anthracene
Concen: 0.29 ng
RT: 25.80 min Scan# 3833
Delta R.T. -0.00 min
Lab File: BE090457.D
Acq: 12 Aug 2015 8:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 174

Ion	Ratio	Lower	Upper
278	100		
139	98.9	14.2	21.4#
279	92.2	20.1	30.1#