Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
Data File : BE090469.D
Acq On : 12 Aug 2015 16:05
Operator : UM/IZ
Sample : G3236-18
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 13 01:20:20 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	20268	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	89708	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	51751	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	122818	5.00	ng	0.00
25) Chrysene-d12	21.09	240	140823	5.00	ng	0.00
32) Perylene-d12	23.40	264	127329	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	17190	5.65	ng	0.00
5) Phenol-d6	6.77	99	16430	2.66	ng	0.00
7) Nitrobenzene-d5	8.73	82	25829	3.60	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	14674	8.83	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	61371	4.31	ng	0.00
27) Terphenyl-d14	19.55	244	107869	5.20	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	54	Below Cal	#	1
8) Nitrobenzene	8.82	77	5	0.21	ng #	27
10) Hexachlorobutadiene	10.66	225	1	Below Cal	#	1
21) Pentachlorophenol	16.63	266	10	0.10	ng #	63
28) Benzo(a)anthracene	21.09	228	630	0.02	ng #	76
30) Bis(2-ethylhexyl)phthalate	21.03	149	2465	0.43	ng	97
31) Indeno(1,2,3-cd)pyrene	25.79	276	205	0.26	ng #	77
33) Benzo(b)fluoranthene	22.71	252	301	0.20	ng #	1
35) Benzo(a)pyrene	23.29	252	160	0.23	ng #	1
36) Dibenzo(a,h)anthracene	25.80	278	121	0.29	ng #	1

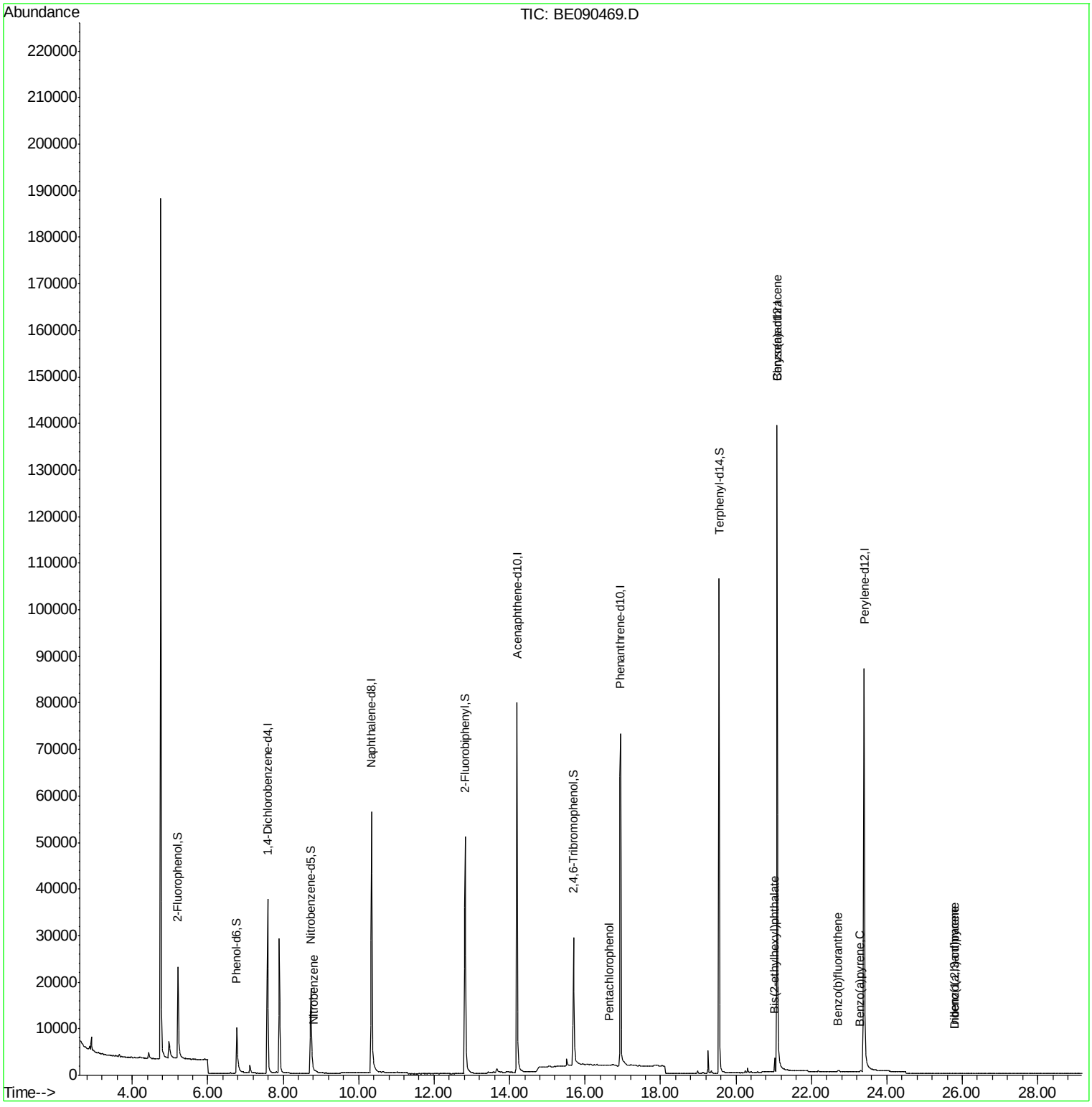
(#) = qualifier out of range (m) = manual integration (+) = signals summed

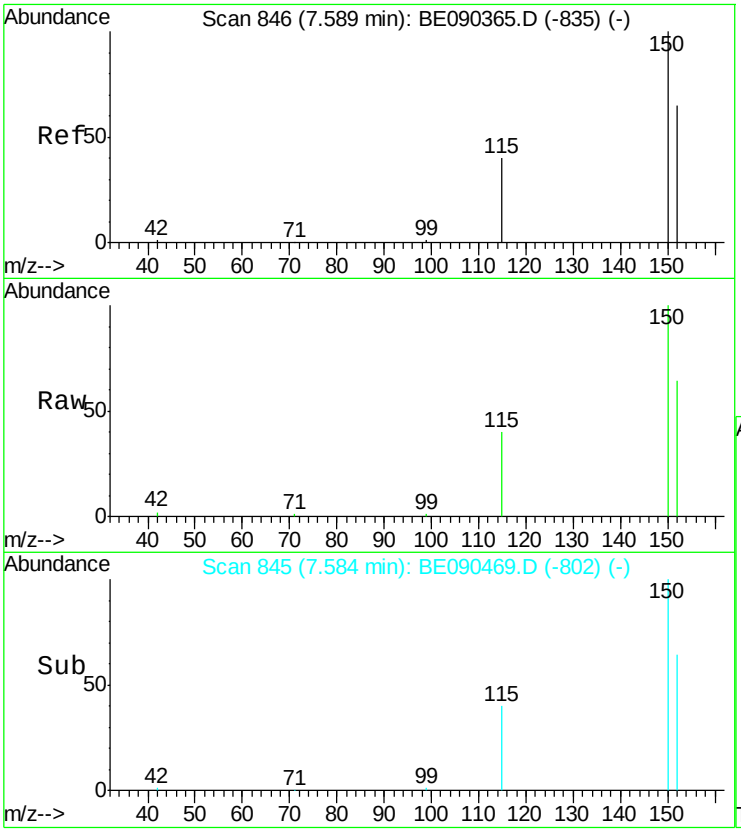
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
Data File : BE090469.D
Acq On : 12 Aug 2015 16:05
Operator : UM/IZ
Sample : G3236-18
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 13 01:20:20 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



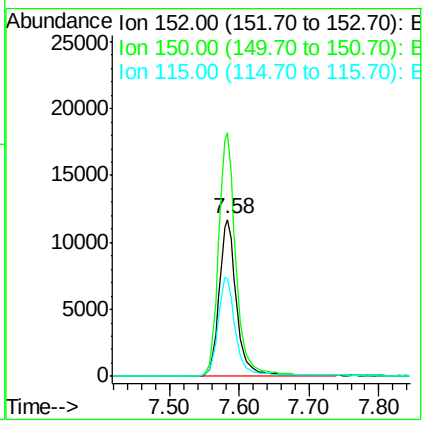


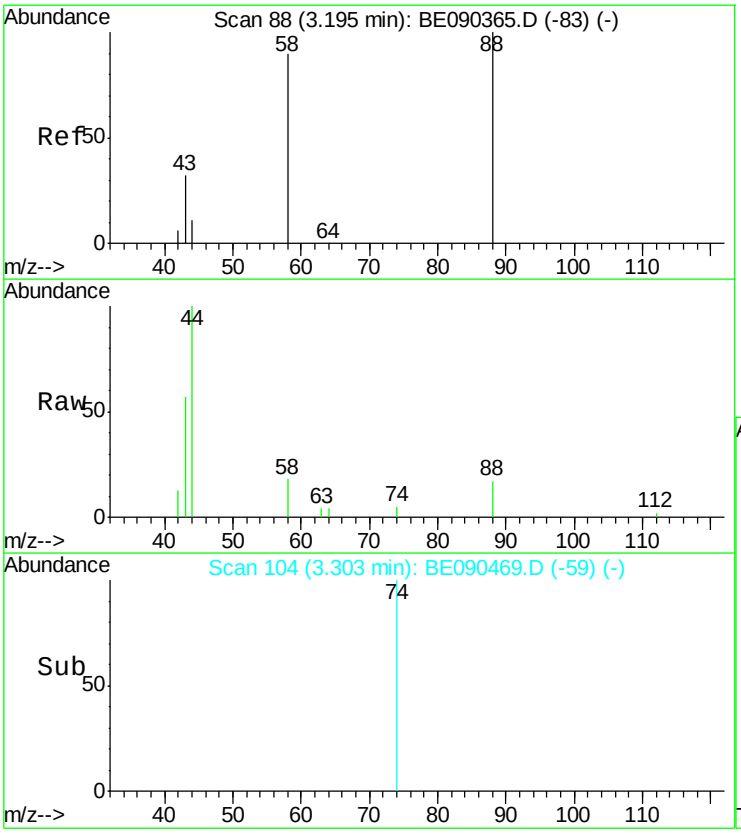
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE090469.D
Acq: 12 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 20268

Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.0	184.4
115	62.2	48.9	73.3

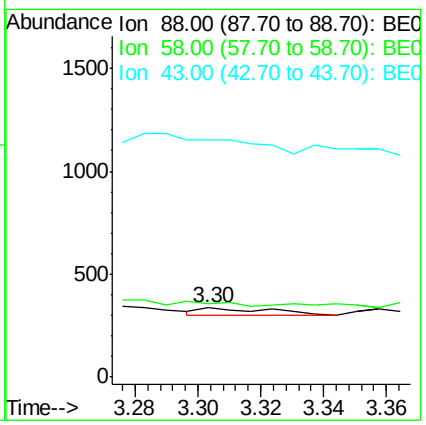


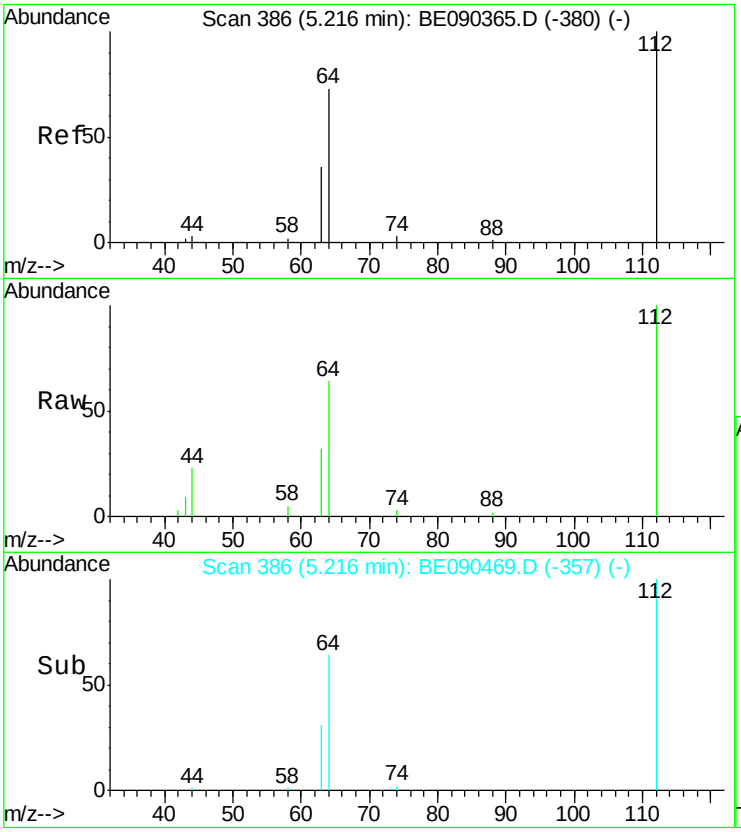


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.30 min Scan# 104
Delta R.T. 0.11 min
Lab File: BE090469.D
Acq: 12 Aug 2015 16:05

Tgt Ion: 88 Resp: 54

Ion	Ratio	Lower	Upper
88	100		
58	0.0	70.0	105.0#
43	385.2	28.4	42.6#



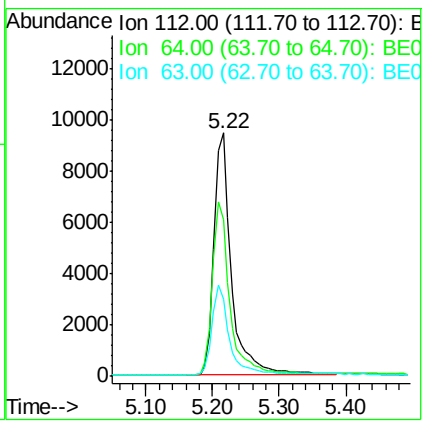


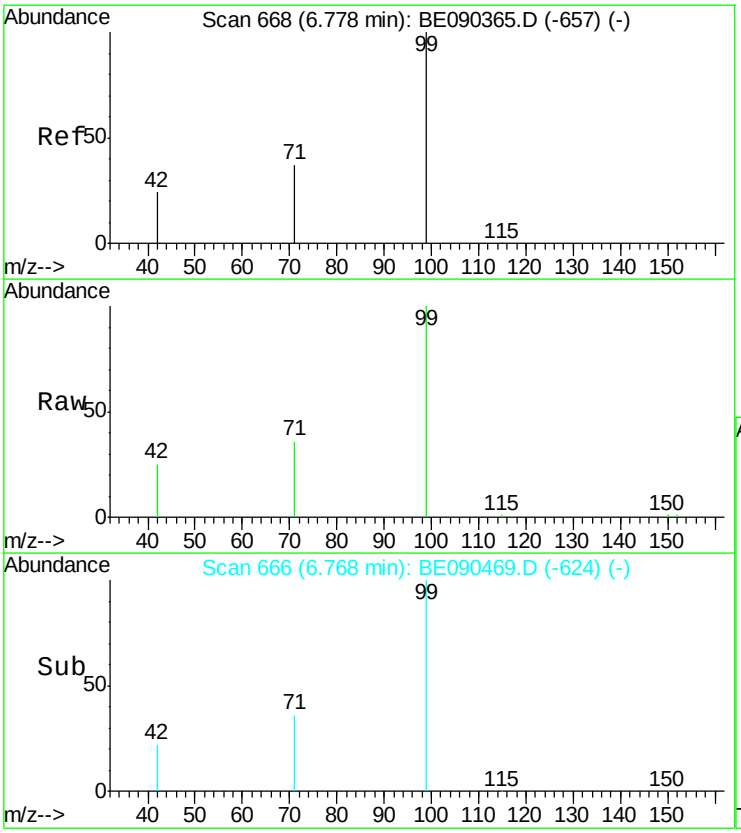
#4
2-Fluorophenol
Concen: 5.65 ng
RT: 5.22 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE090469.D
Acq: 12 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 17190

Ion	Ratio	Lower	Upper
112	100		
64	71.3	37.1	55.7#
63	36.9	19.5	29.3#

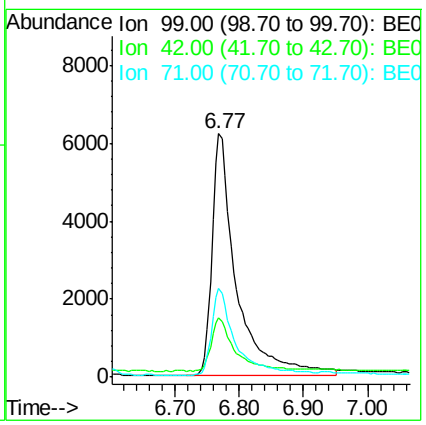


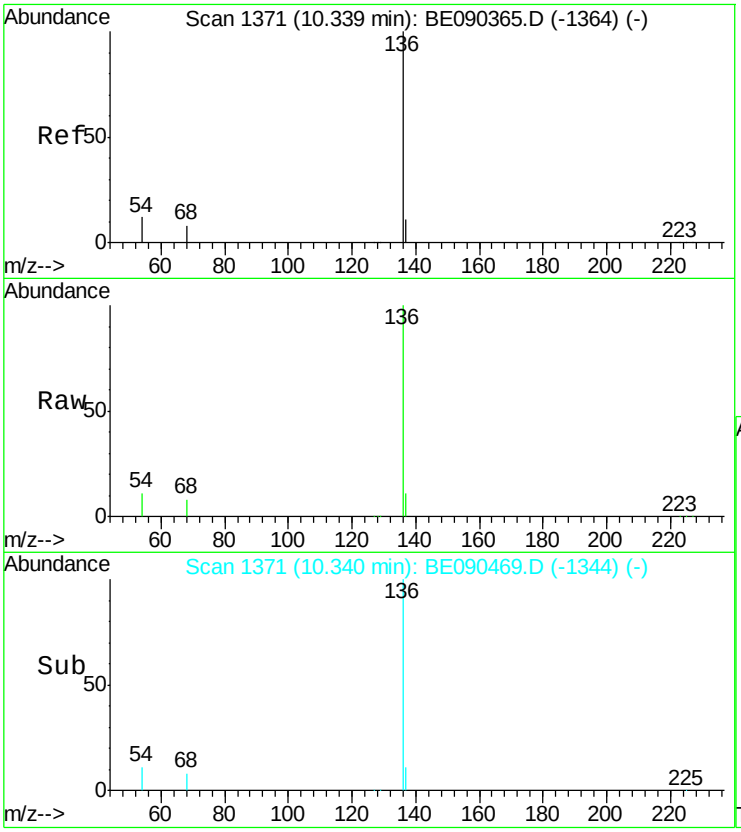


#5
Phenol-d6
Concen: 2.66 ng
RT: 6.77 min Scan# 666
Delta R.T. -0.01 min
Lab File: BE090469.D
Acq: 12 Aug 2015 16:05

Tgt Ion: 99 Resp: 16430

Ion	Ratio	Lower	Upper
99	100		
42	21.7	18.2	27.4
71	35.0	27.4	41.0



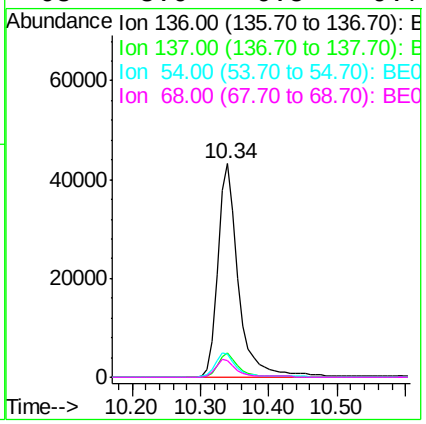


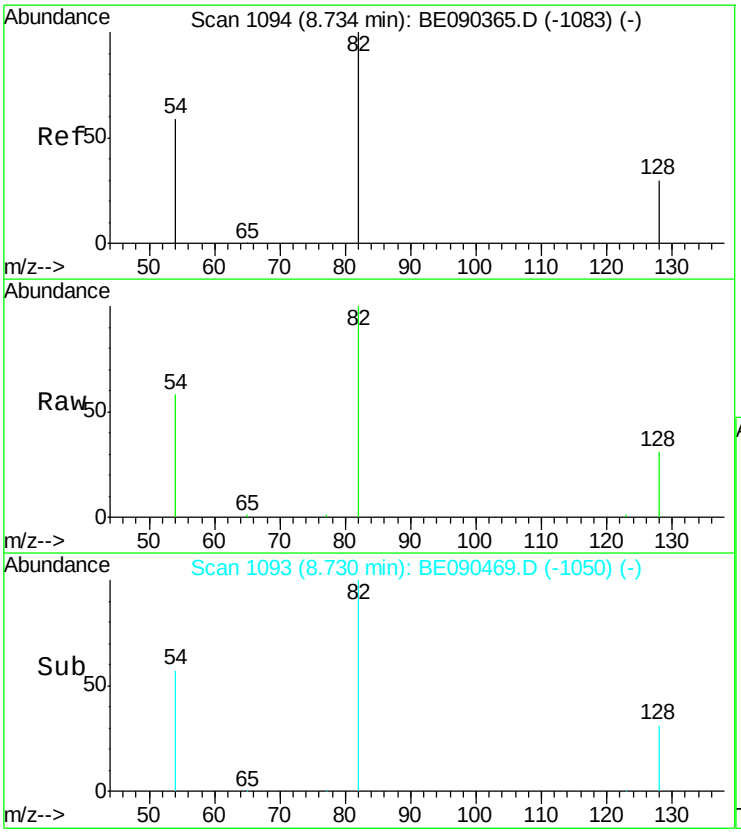
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE090469.D
Acq: 12 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 89708

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	11.0	9.4	14.0
68	8.0	6.5	9.7

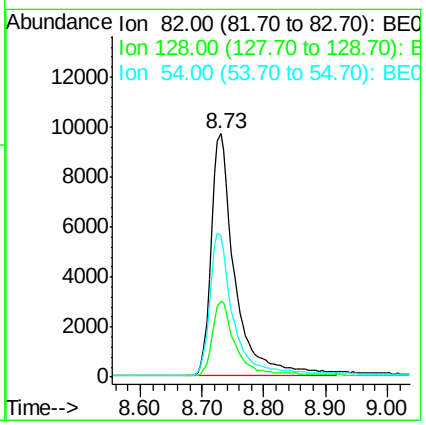


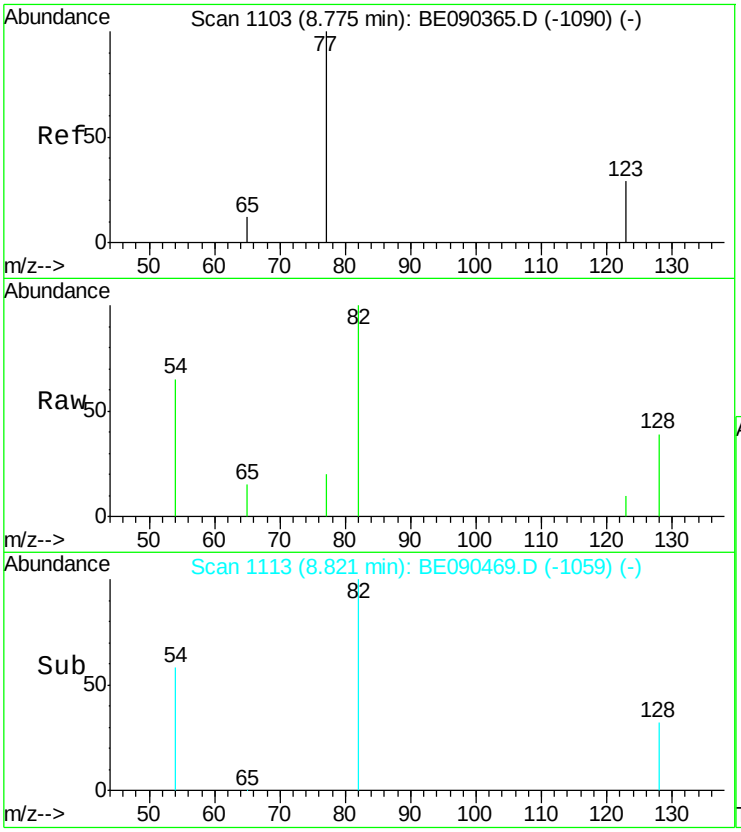


#7
Nitrobenzene-d5
Concen: 3.60 ng
RT: 8.73 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE090469.D
Acq: 12 Aug 2015 16:05

Tgt Ion: 82 Resp: 25829

Ion	Ratio	Lower	Upper
82	100		
128	31.1	25.0	37.6
54	57.8	48.8	73.2



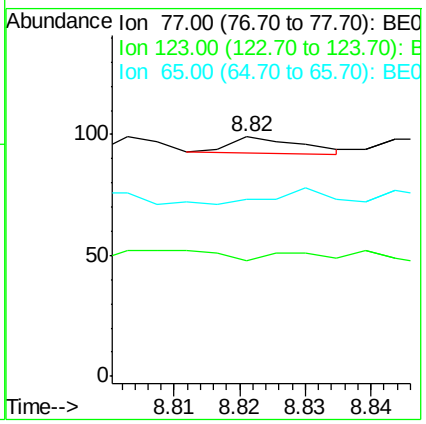


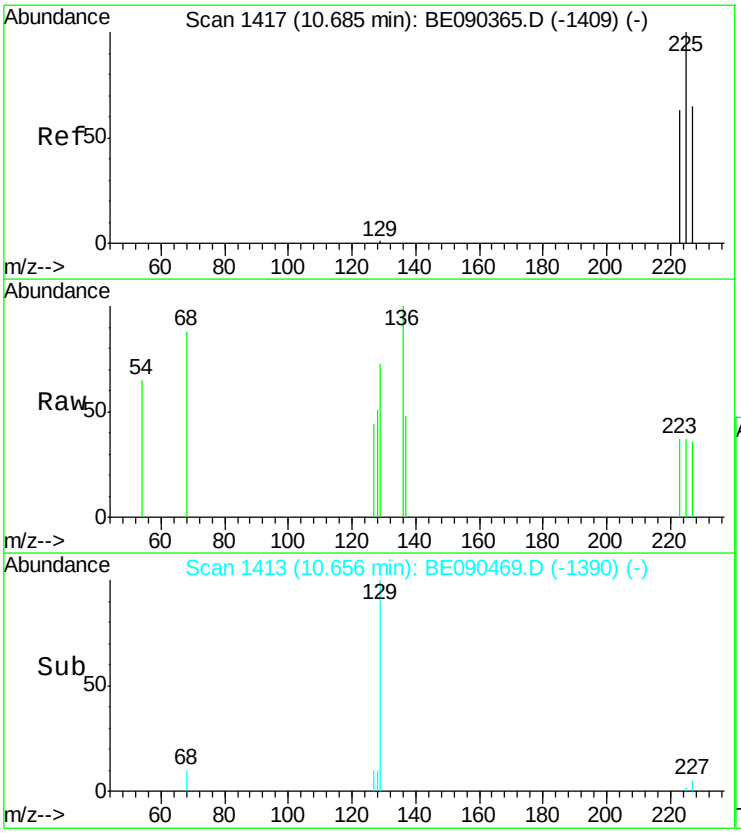
#8
Nitrobenzene
Concen: 0.21 ng
RT: 8.82 min Scan# 1113
Delta R.T. 0.05 min
Lab File: BE090469.D
Acq: 12 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 77 Resp: 5

Ion	Ratio	Lower	Upper
77	100		
123	40.0	25.1	37.7#
65	100.0	9.3	13.9#

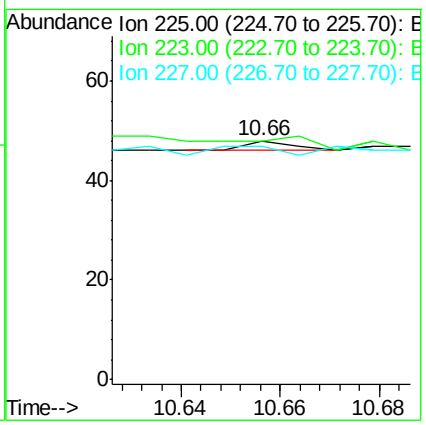


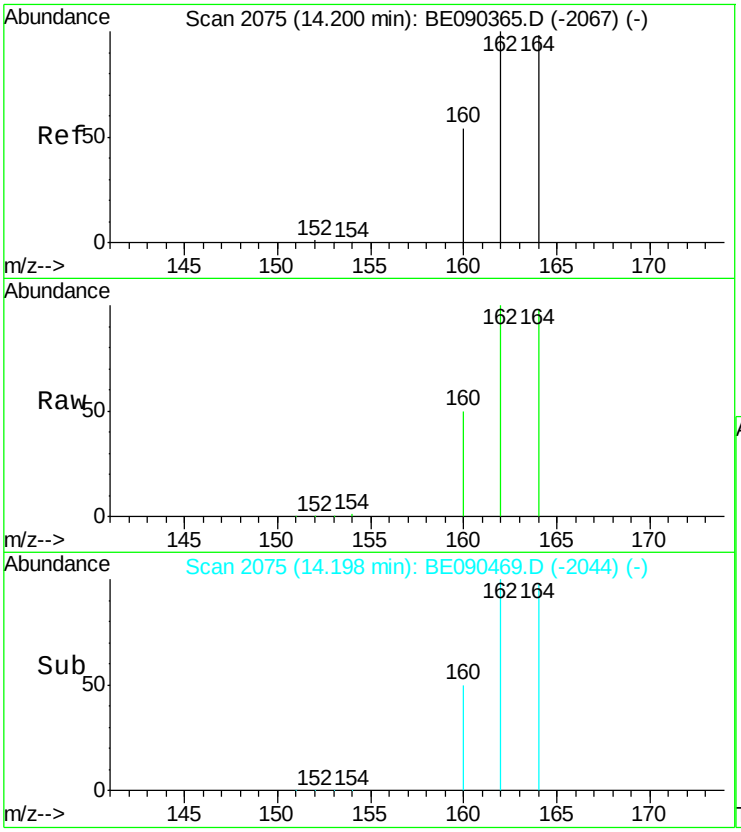


#10
Hexachlorobutadiene
Concen: Below Cal
RT: 10.66 min Scan# 1413
Delta R.T. -0.03 min
Lab File: BE090469.D
Acq: 12 Aug 2015 16:05

Tgt Ion:225 Resp: 1

Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.6	75.8#
227	200.0	50.7	76.1#



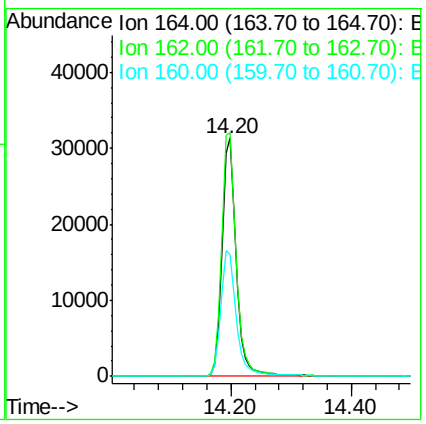


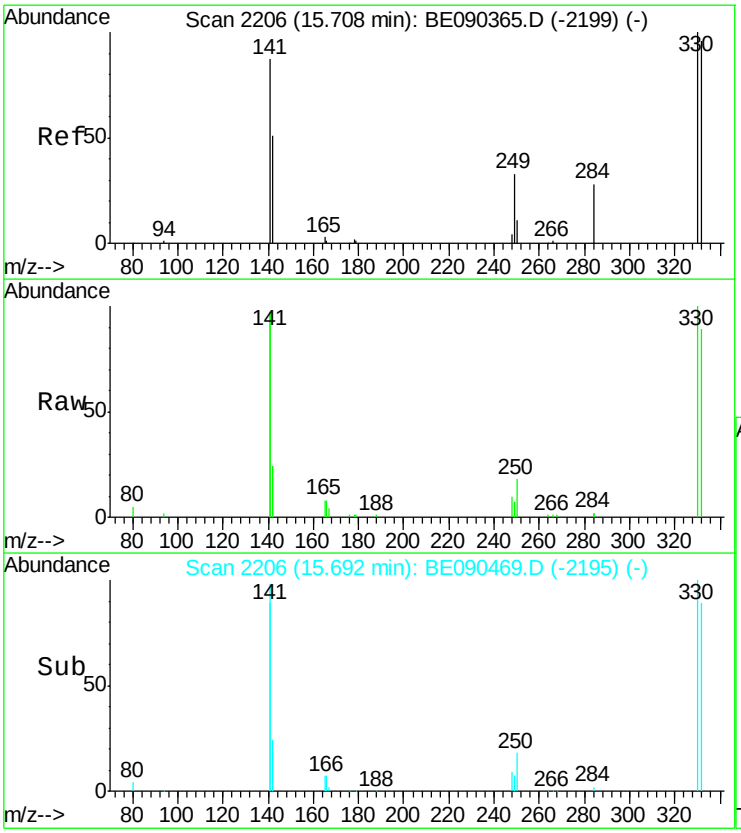
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BE090469.D
Acq: 12 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 51751

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.8	122.8
160	51.2	44.2	66.4

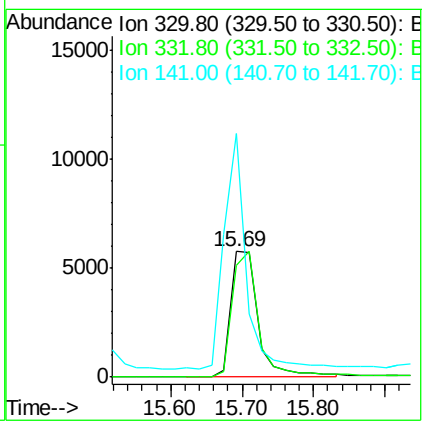


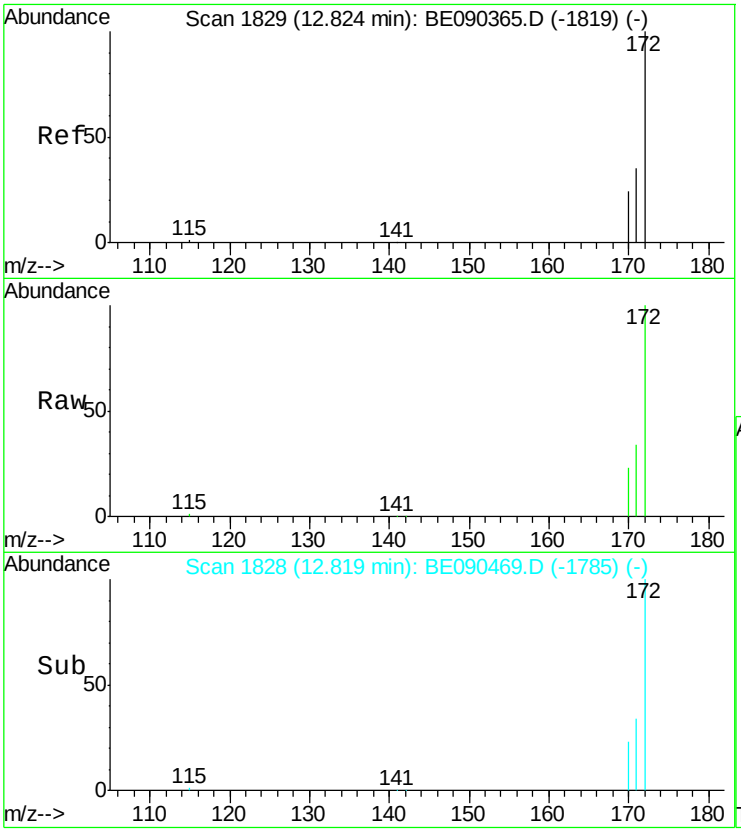


#13
2,4,6-Tribromophenol
Concen: 8.83 ng
RT: 15.69 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BE090469.D
Acq: 12 Aug 2015 16:05

Tgt Ion:330 Resp: 14674

Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.8	113.6
141	155.2	114.4	171.6



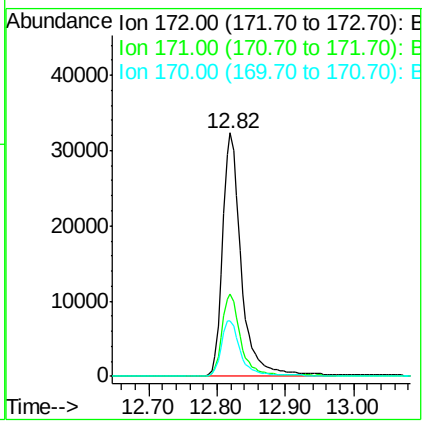


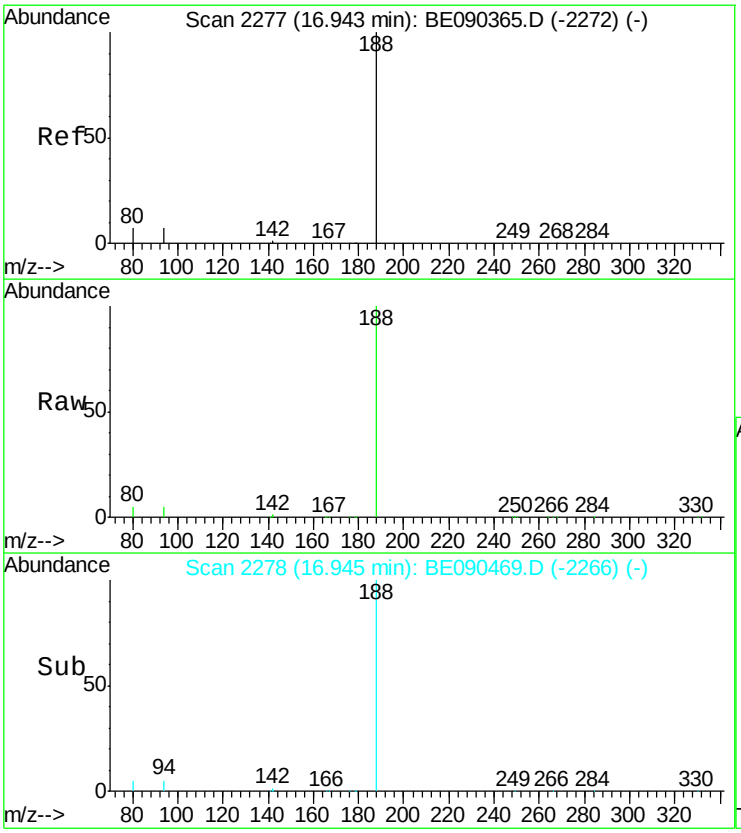
#14
2-Fluorobiphenyl
Concen: 4.31 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE090469.D
Acq: 12 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 61371

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.5	42.7
170	23.0	19.8	29.8

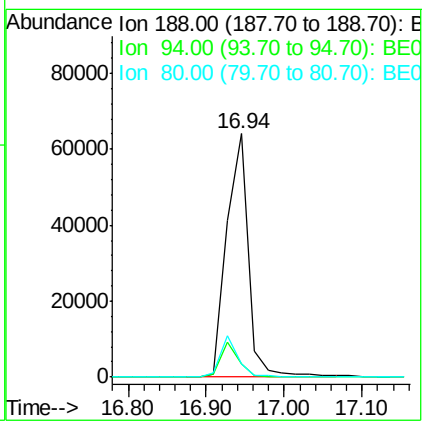


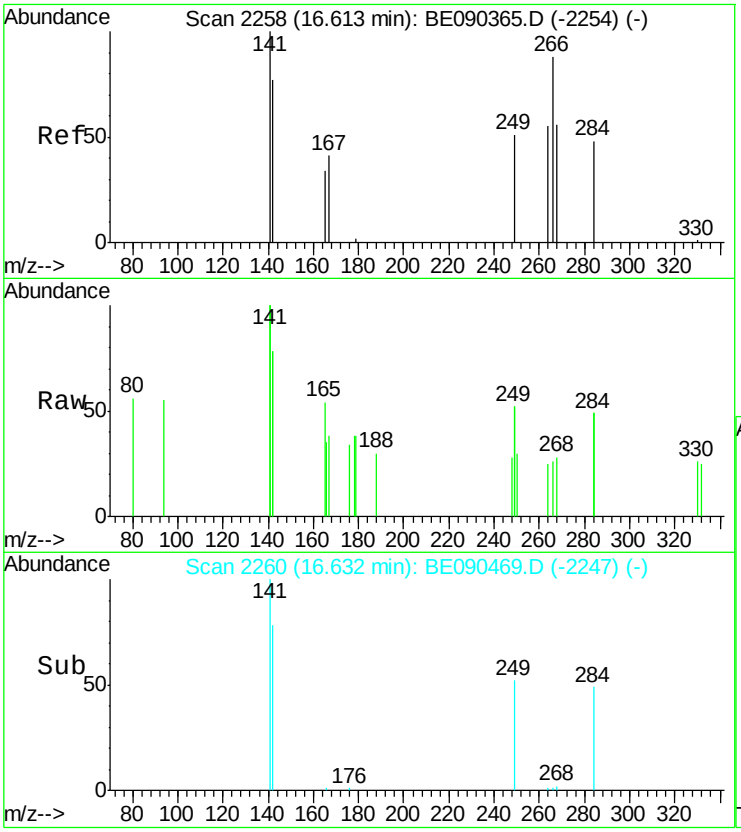


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090469.D
Acq: 12 Aug 2015 16:05

Tgt Ion:188 Resp: 122818

Ion	Ratio	Lower	Upper
188	100		
94	5.3	5.7	8.5#
80	5.5	5.8	8.8#



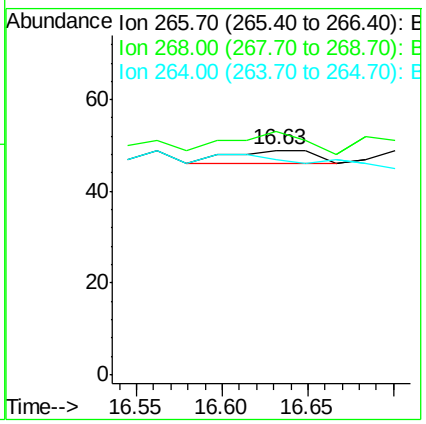


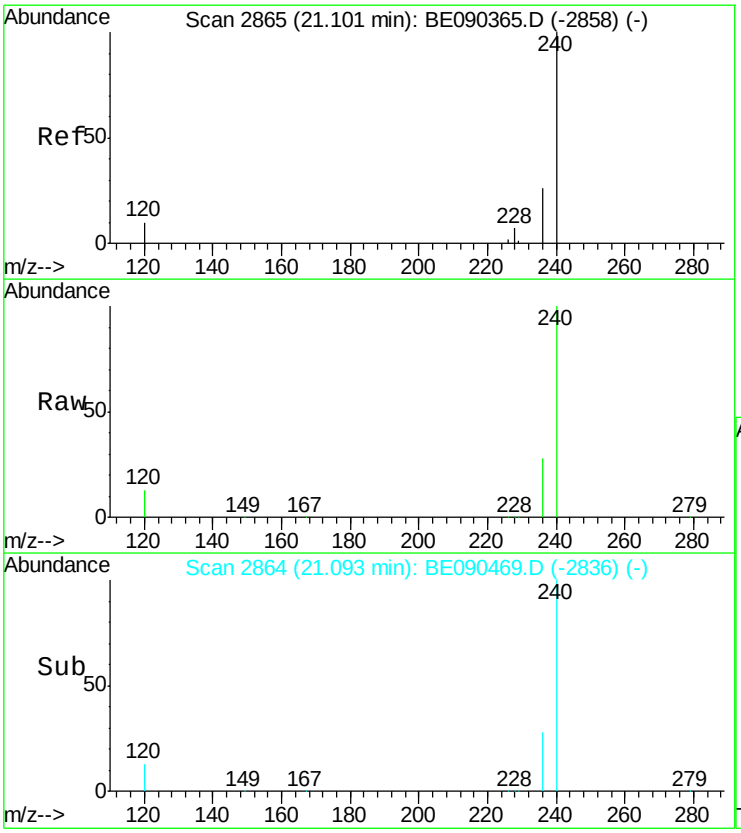
#21
Pentachlorophenol
Concen: 0.10 ng
RT: 16.63 min Scan# 2260
Delta R.T. 0.02 min
Lab File: BE090469.D
Acq: 12 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 10

Ion	Ratio	Lower	Upper
266	100		
268	108.2	58.5	87.7#
264	95.9	56.0	84.0#

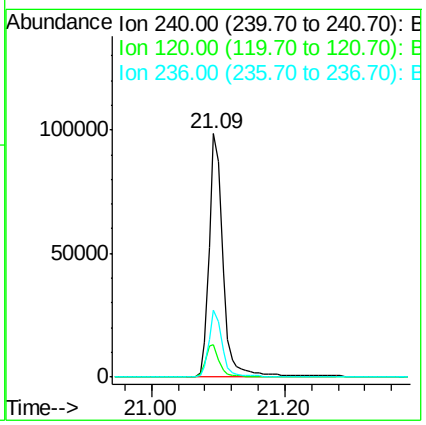


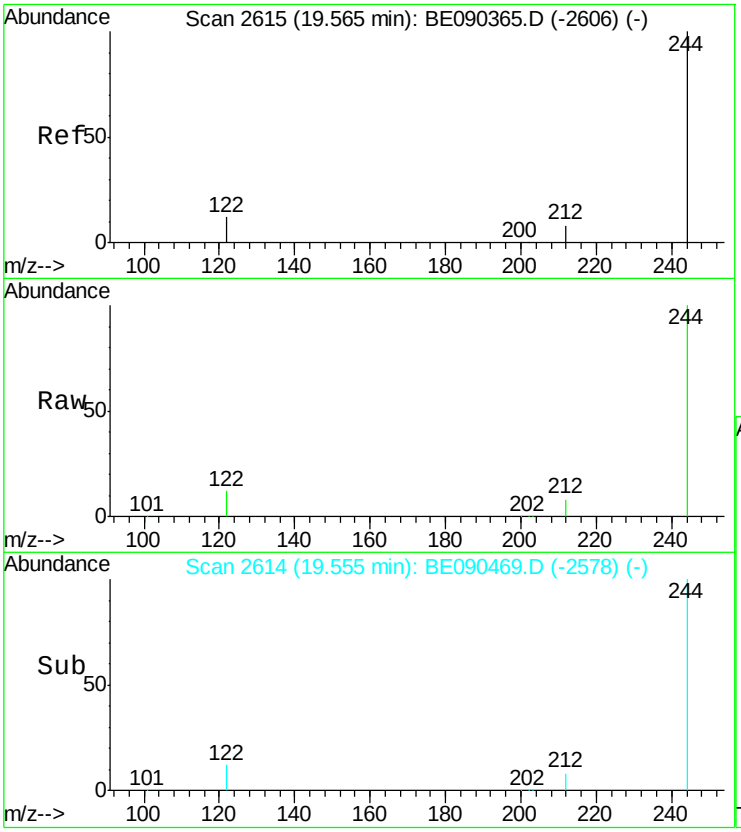


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BE090469.D
Acq: 12 Aug 2015 16:05

Tgt Ion:240 Resp: 140823

Ion	Ratio	Lower	Upper
240	100		
120	13.1	8.3	12.5#
236	27.6	21.0	31.4



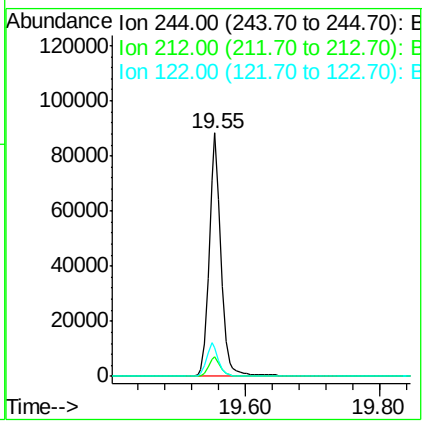


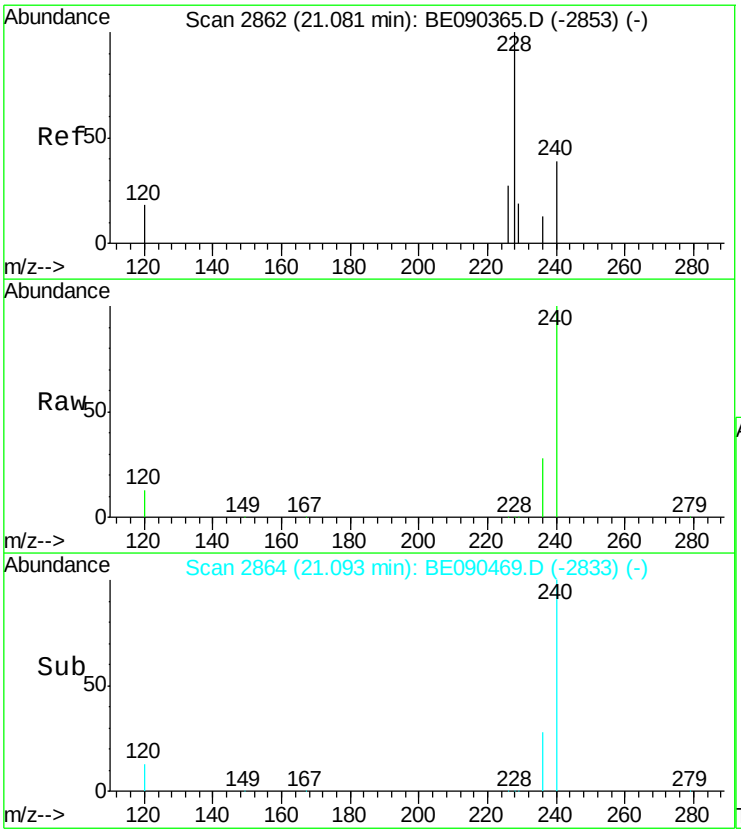
#27
Terphenyl-d14
Concen: 5.20 ng
RT: 19.55 min Scan# 2614
Delta R.T. -0.01 min
Lab File: BE090469.D
Acq: 12 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 107869

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	9.8
122	11.8	10.2	15.4

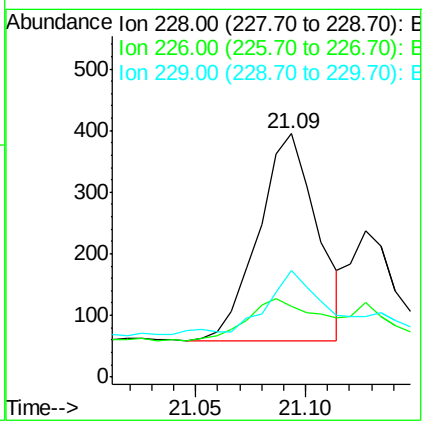


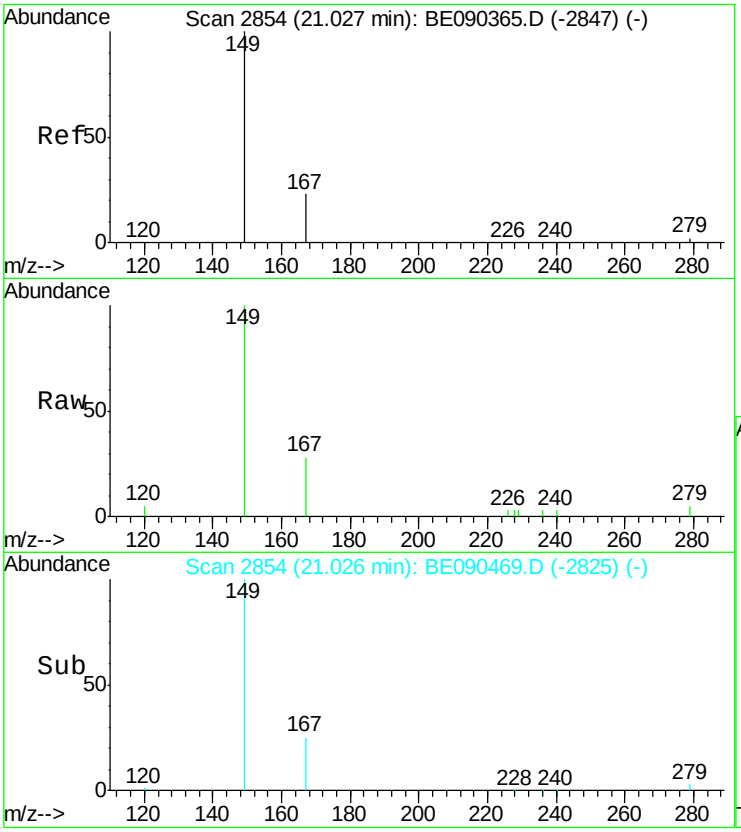


#28
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.09 min Scan# 2864
Delta R.T. 0.01 min
Lab File: BE090469.D
Acq: 12 Aug 2015 16:05

Tgt Ion:228 Resp: 630

Ion	Ratio	Lower	Upper
228	100		
226	29.1	21.9	32.9
229	43.5	15.4	23.0#



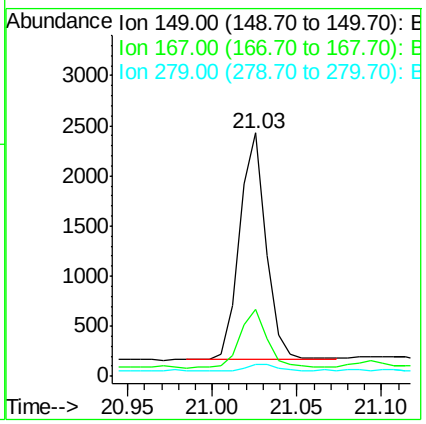


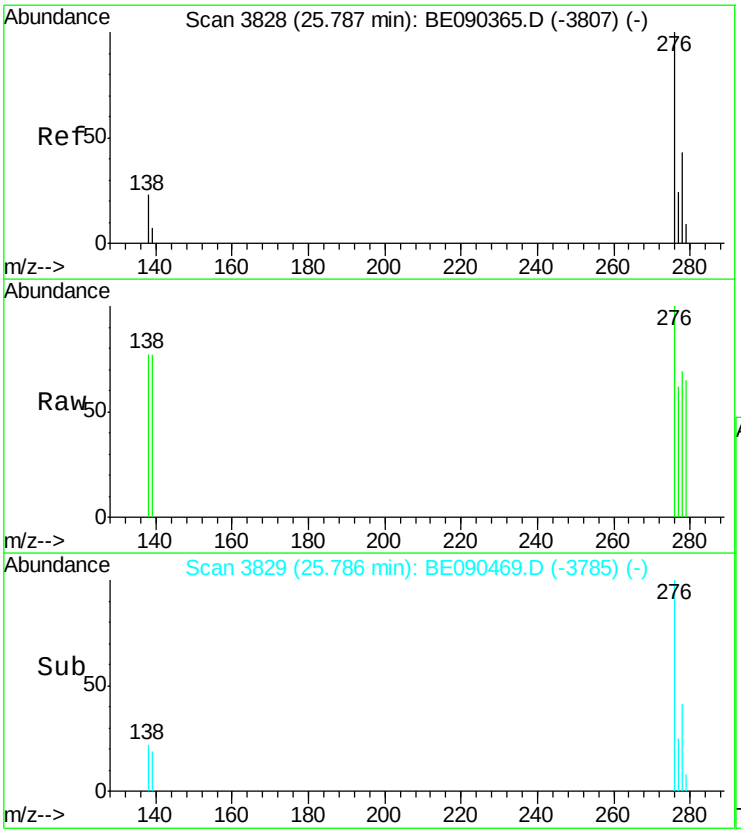
#30
Bis(2-ethylhexyl)phthalate
Concen: 0.43 ng
RT: 21.03 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BE090469.D
Acq: 12 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 2465

Ion	Ratio	Lower	Upper
149	100		
167	26.4	19.8	29.8
279	3.5	2.4	3.6

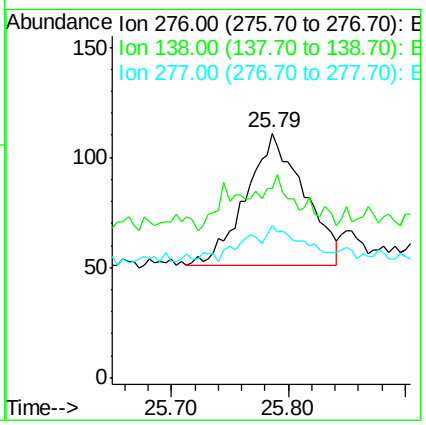


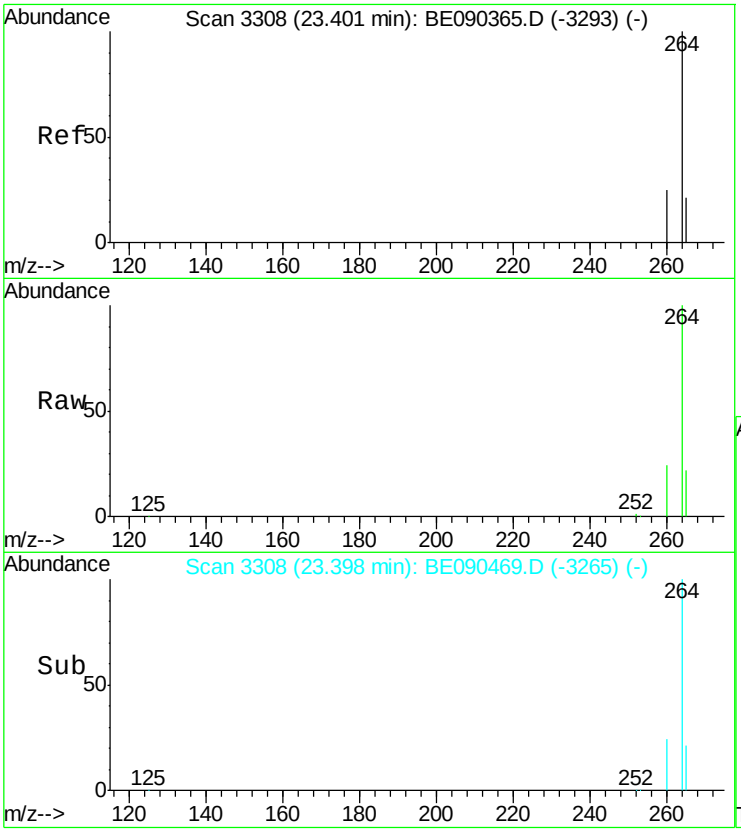


#31
Indeno(1,2,3-cd)pyrene
Concen: 0.26 ng
RT: 25.79 min Scan# 3829
Delta R.T. 0.00 min
Lab File: BE090469.D
Acq: 12 Aug 2015 16:05

Tgt Ion:276 Resp: 205

Ion	Ratio	Lower	Upper
276	100		
138	8.3	18.8	28.2#
277	16.1	18.2	27.4#



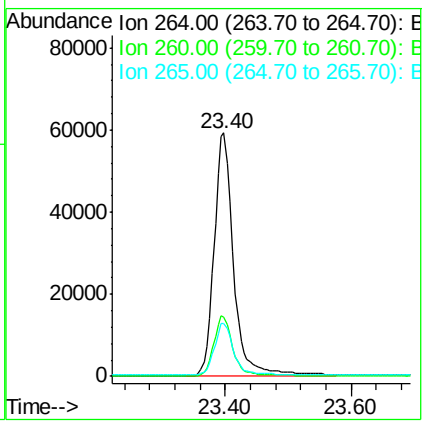


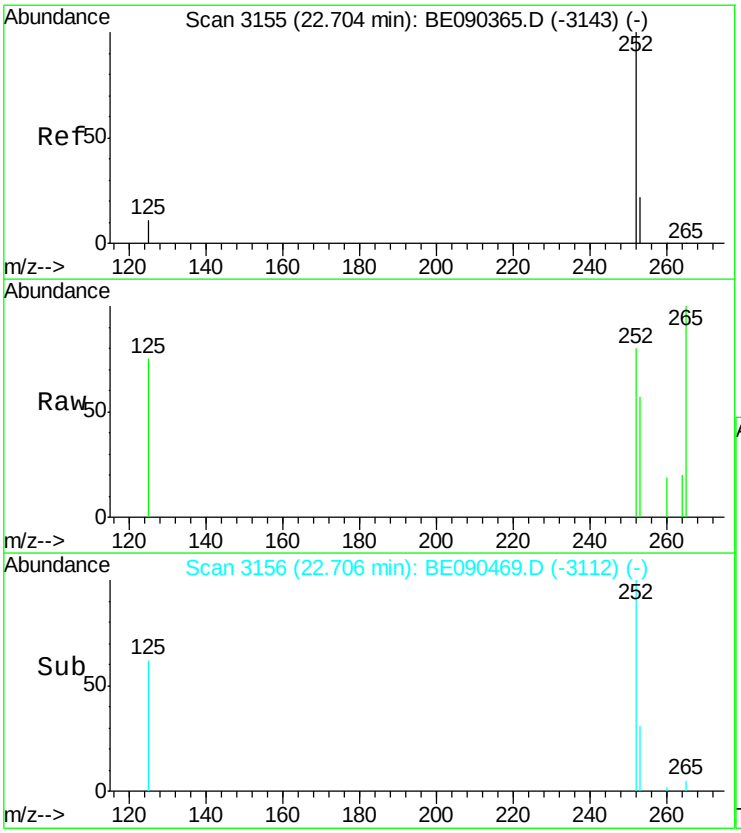
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. -0.00 min
Lab File: BE090469.D
Acq: 12 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 127329

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.1	30.1
265	21.7	17.2	25.8

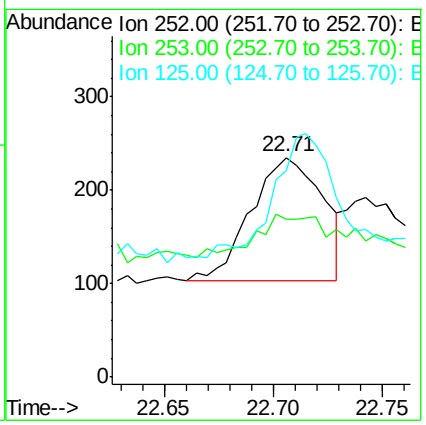


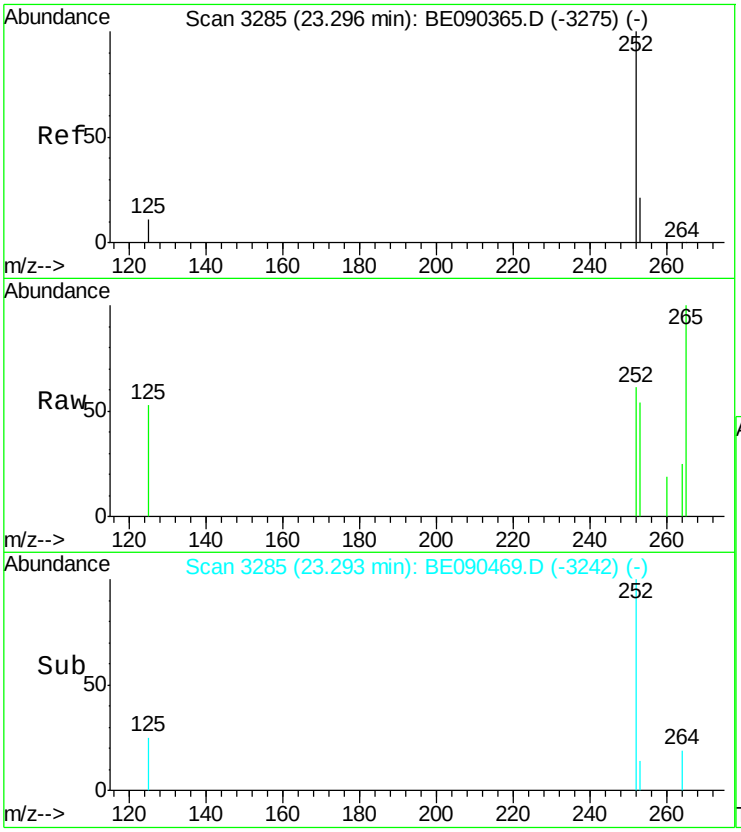


#33
Benzo(b)fluoranthene
Concen: 0.20 ng
RT: 22.71 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BE090469.D
Acq: 12 Aug 2015 16:05

Tgt Ion:252 Resp: 301

Ion	Ratio	Lower	Upper
252	100		
253	71.9	18.1	27.1#
125	94.0	9.4	14.2#



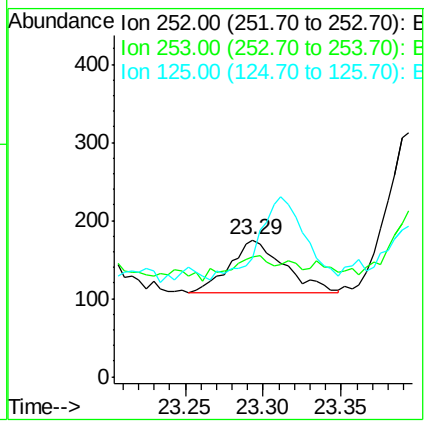


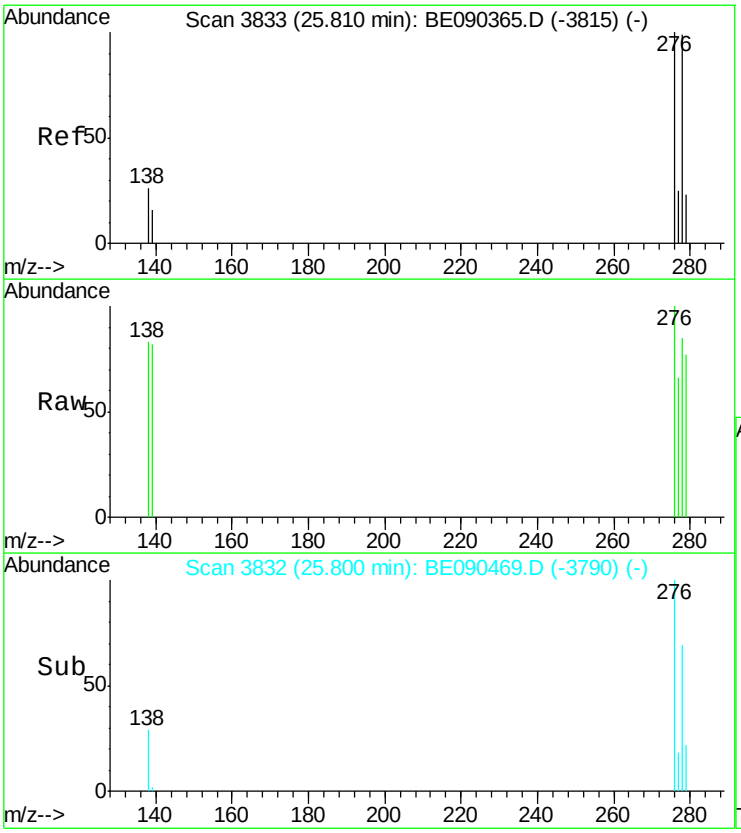
#35
Benzo(a)pyrene
Concen: 0.23 ng
RT: 23.29 min Scan# 3285
Delta R.T. -0.00 min
Lab File: BE090469.D
Acq: 12 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 160

Ion	Ratio	Lower	Upper
252	100		
253	88.0	17.6	26.4#
125	86.3	9.8	14.6#





#36
Dibenzo(a,h)anthracene
Concen: 0.29 ng
RT: 25.80 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BE090469.D
Acq: 12 Aug 2015 16:05

Tgt Ion:278 Resp: 121

Ion	Ratio	Lower	Upper
278	100		
139	96.4	14.2	21.4#
279	90.4	20.1	30.1#