Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080515\
Data File : BE090391.D
Acq On : 6 Aug 2015 16:00
Operator : TP/UM
Sample : G3174-04RE
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 080215-D506-F-U-SRE

Quant Time: Aug 06 18:19:32 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	26661	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	115617	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	65125	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	152374	5.00	ng	0.00
25) Chrysene-d12	21.10	240	191358	5.00	ng	0.00
32) Perylene-d12	23.40	264	180744	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	14677	3.67	ng	0.00
5) Phenol-d6	6.77	99	12098	1.60	ng	0.00
7) Nitrobenzene-d5	8.73	82	31386	3.40	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	15176	7.74	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	76715	4.28	ng	0.00
27) Terphenyl-d14	19.56	244	138847	4.93	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	234	Below Cal	#	28
3) n-Nitrosodimethylamine	3.44	42	131	0.03	ng #	1
8) Nitrobenzene	8.79	77	11	0.21	ng #	85
10) Hexachlorobutadiene	10.71	225	2	Below Cal	#	1
21) Pentachlorophenol	16.61	266	28	0.12	ng #	65
30) Bis(2-ethylhexyl)phthalate	21.03	149	3807	0.48	ng	99
31) Indeno(1,2,3-cd)pyrene	25.80	276	121	0.25	ng #	62
33) Benzo(b)fluoranthene	22.71	252	160	0.20	ng #	1
35) Benzo(a)pyrene	23.30	252	111	0.23	ng #	1
36) Dibenzo(a,h)anthracene	25.82	278	82	0.29	ng #	1

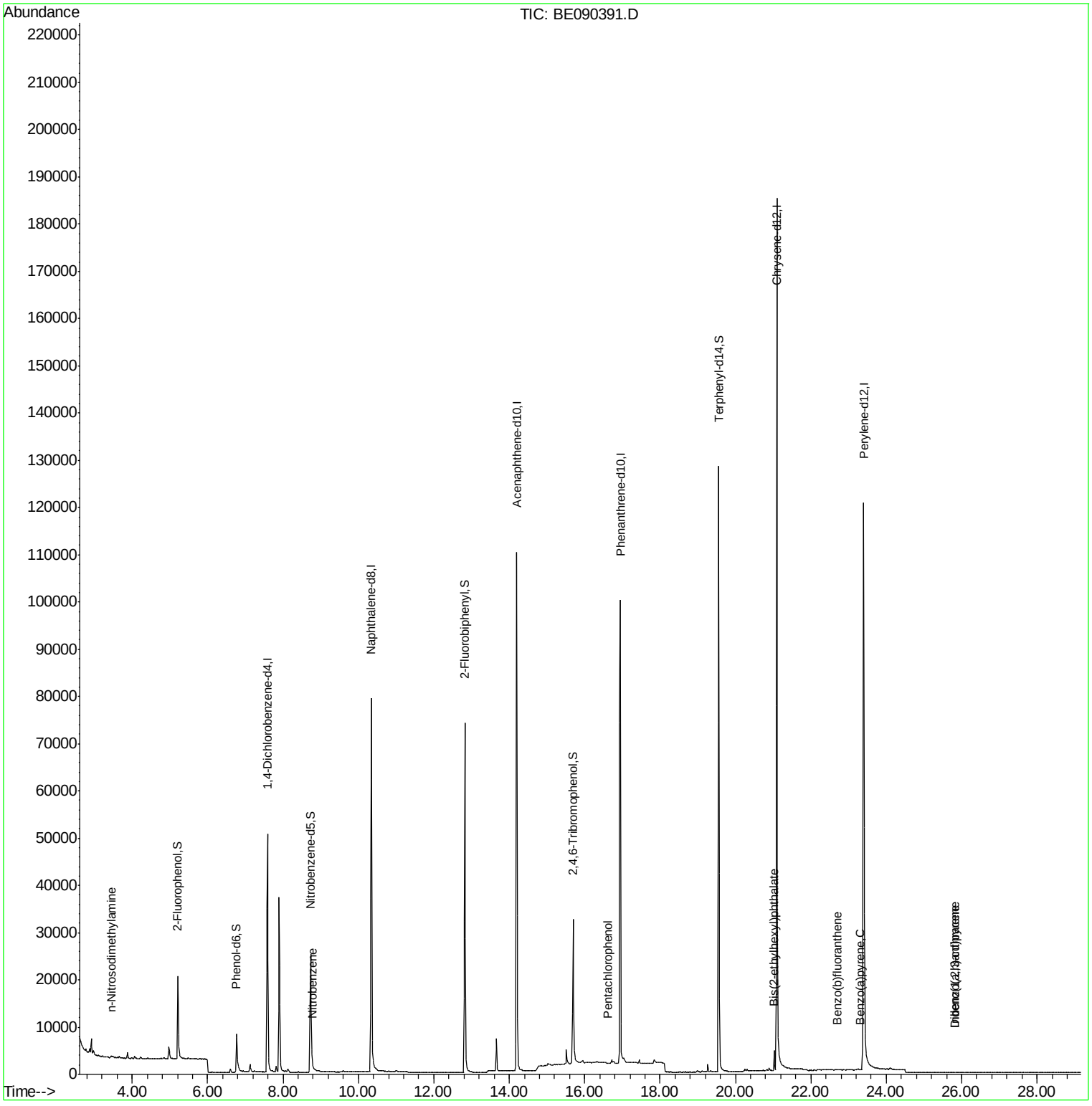
(#) = qualifier out of range (m) = manual integration (+) = signals summed

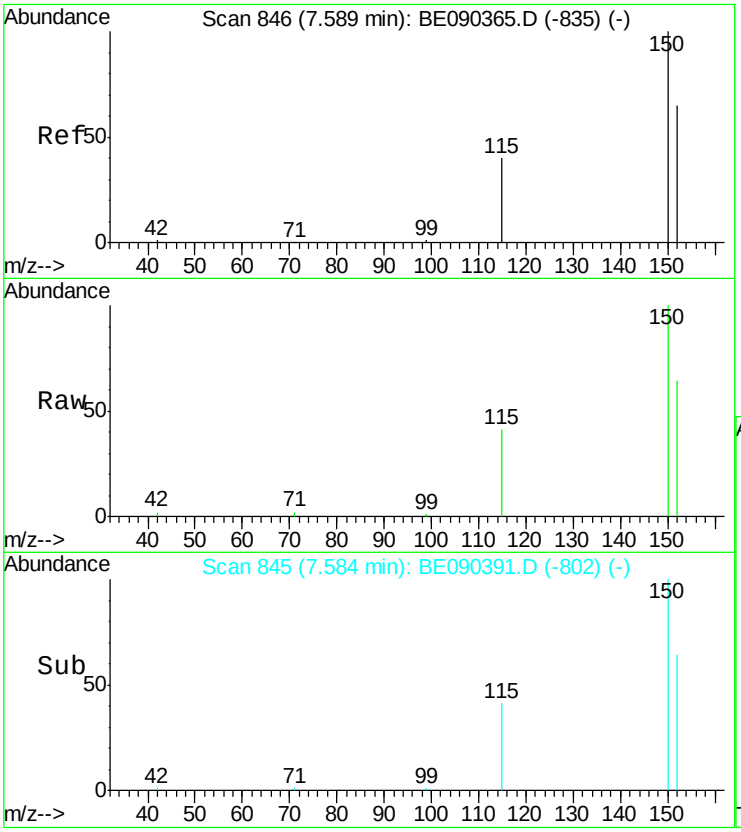
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080515\
Data File : BE090391.D
Acq On : 6 Aug 2015 16:00
Operator : TP/UM
Sample : G3174-04RE
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
080215-D506-F-U-SRE

Quant Time: Aug 06 18:19:32 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



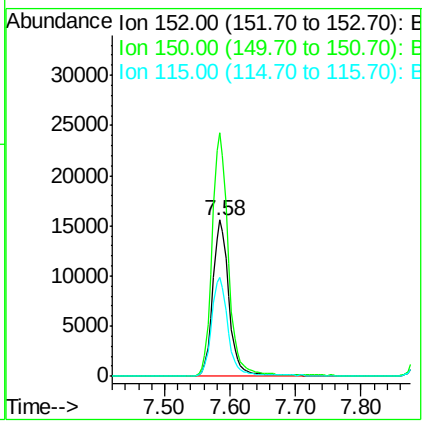


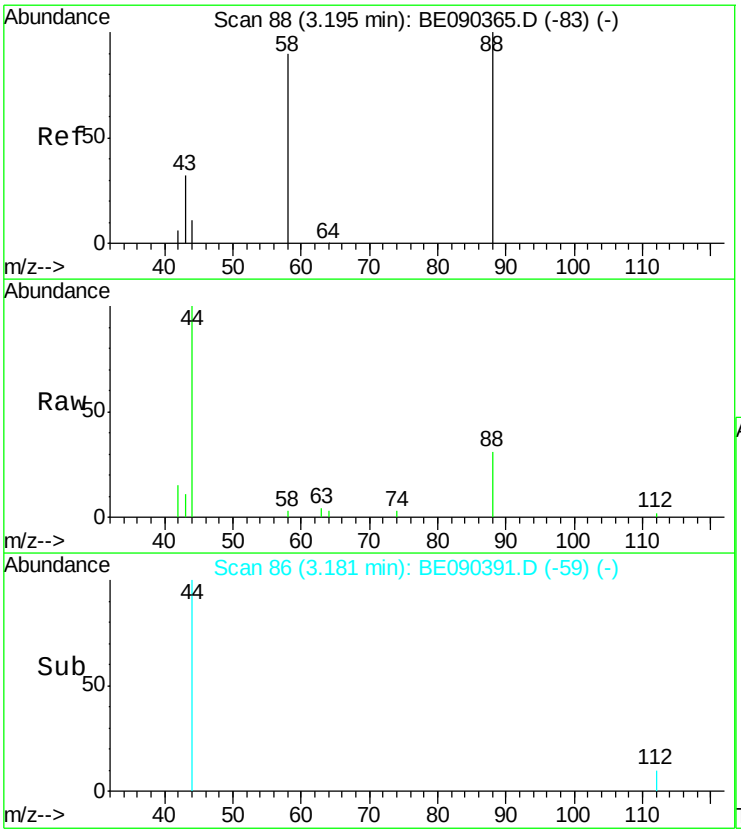
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE090391.D
Acq: 6 Aug 2015 16:00

Instrument :
BNA_E
ClientSampleId :
080215-D506-F-U-SRE

Tgt Ion:152 Resp: 26661

Ion	Ratio	Lower	Upper
152	100		
150	155.7	123.0	184.4
115	63.5	48.9	73.3

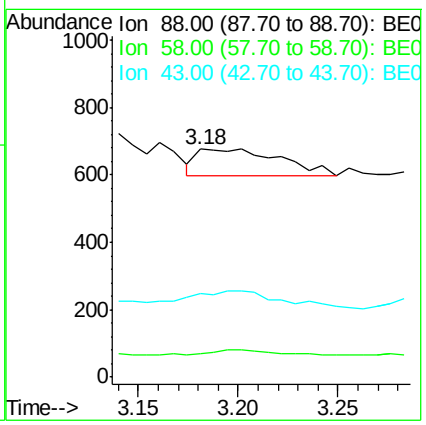


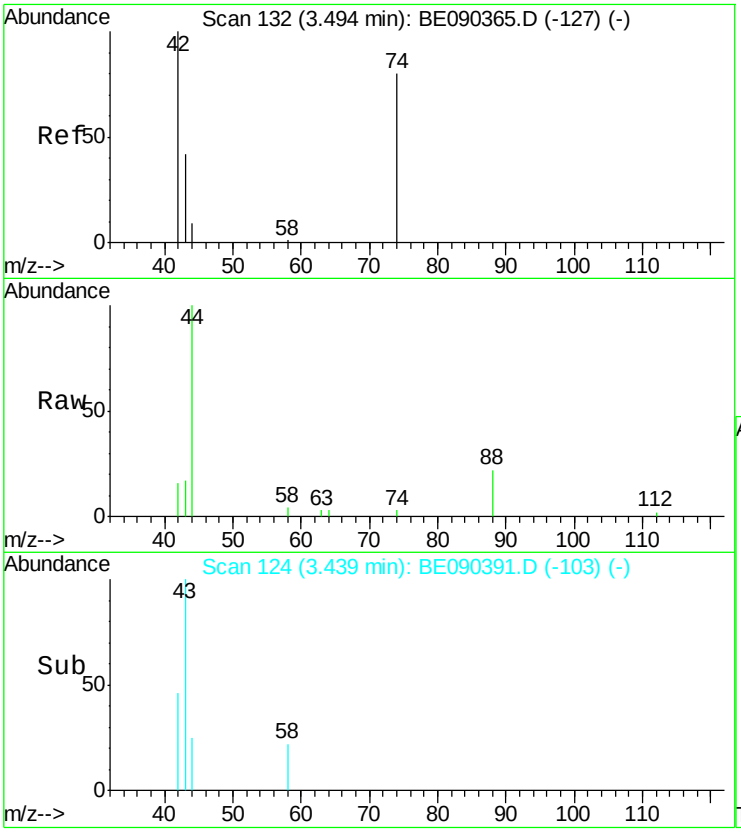


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.18 min Scan# 86
Delta R.T. -0.01 min
Lab File: BE090391.D
Acq: 6 Aug 2015 16:00

Tgt Ion: 88 Resp: 234

Ion	Ratio	Lower	Upper
88	100		
58	15.0	70.0	105.0#
43	68.4	28.4	42.6#



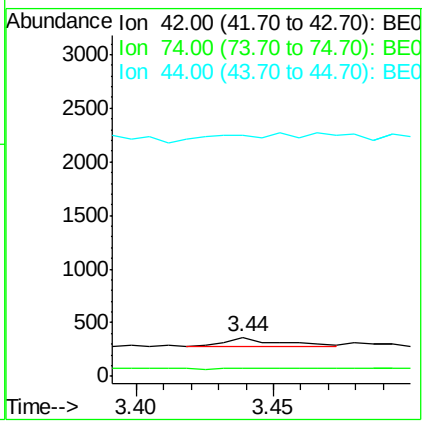


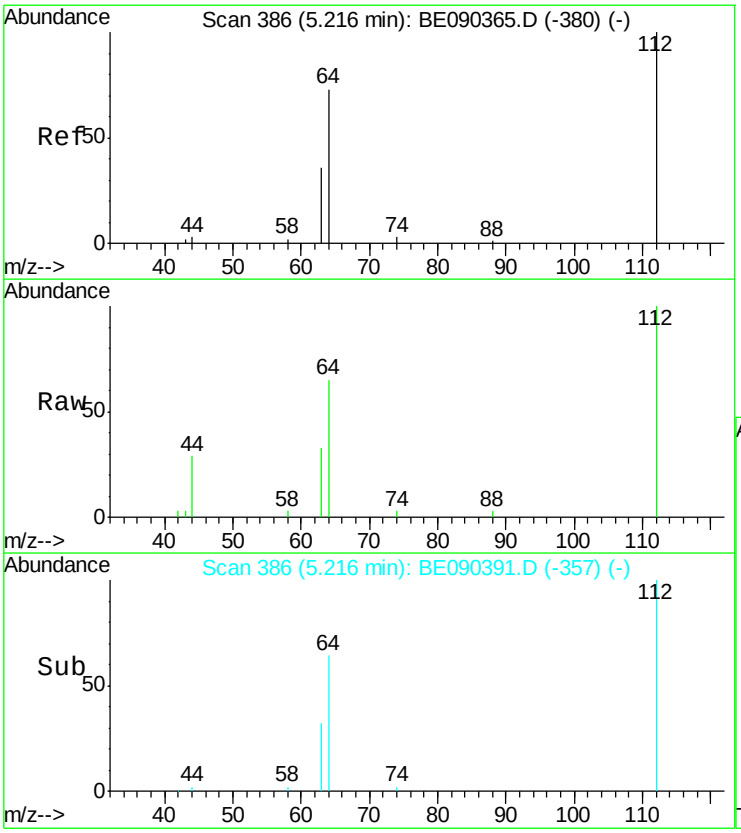
#3
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.44 min Scan# 124
Delta R.T. -0.05 min
Lab File: BE090391.D
Acq: 6 Aug 2015 16:00

Instrument :
BNA_E
ClientSampleId :
080215-D506-F-U-SRE

Tgt Ion: 42 Resp: 131

Ion	Ratio	Lower	Upper
42	100		
74	9.9	75.2	112.8#
44	97.7	8.7	13.1#

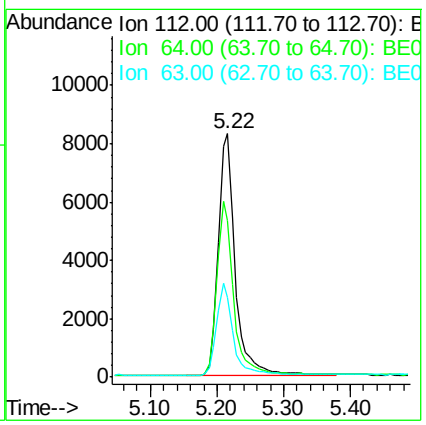


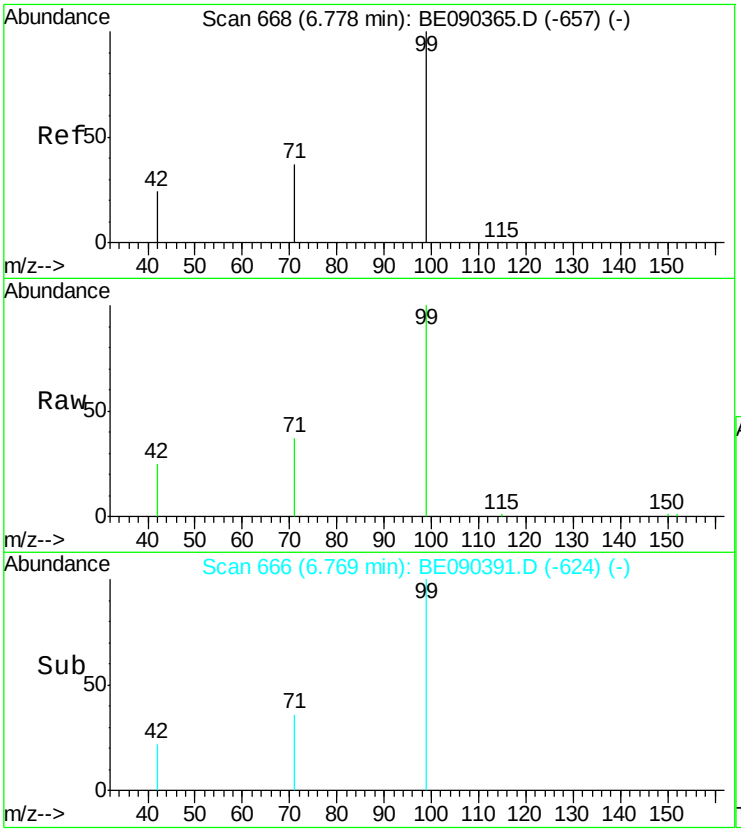


#4
2-Fluorophenol
Concen: 3.67 ng
RT: 5.22 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE090391.D
Acq: 6 Aug 2015 16:00

Tgt Ion:112 Resp: 14677

Ion	Ratio	Lower	Upper
112	100		
64	70.7	37.1	55.7#
63	36.2	19.5	29.3#



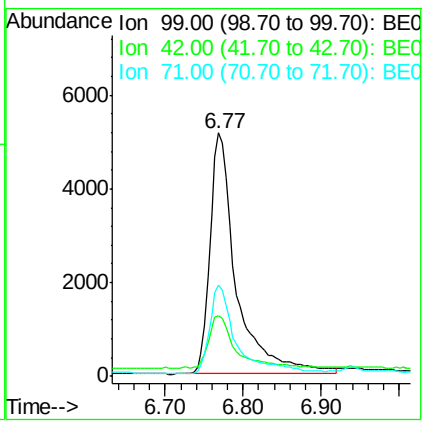


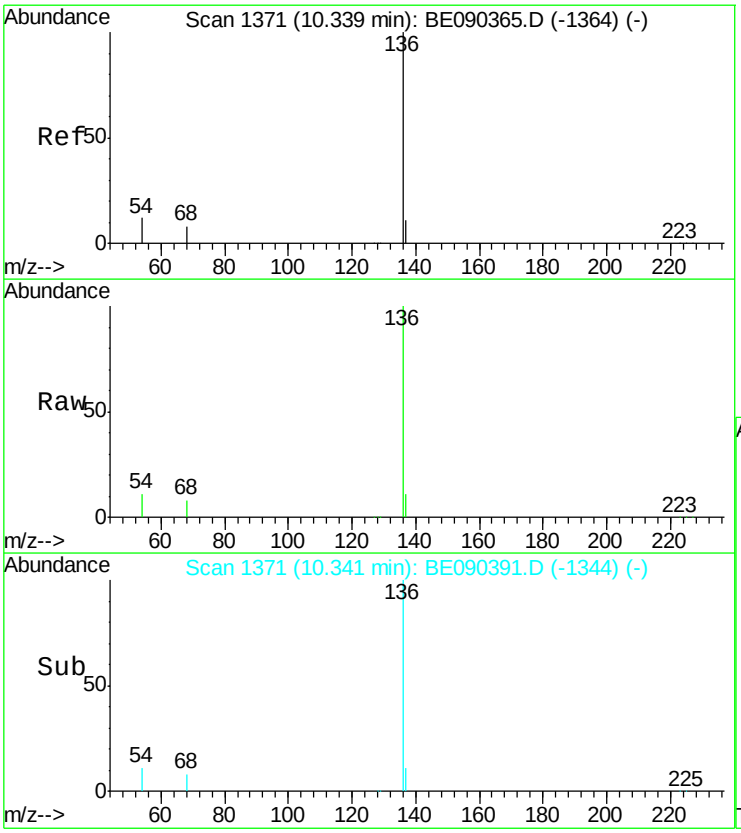
#5
Phenol-d6
Concen: 1.60 ng
RT: 6.77 min Scan# 666
Delta R.T. -0.01 min
Lab File: BE090391.D
Acq: 6 Aug 2015 16:00

Instrument :
BNA_E
ClientSampleId :
080215-D506-F-U-SRE

Tgt Ion: 99 Resp: 12098

Ion	Ratio	Lower	Upper
99	100		
42	22.2	18.2	27.4
71	37.1	27.4	41.0

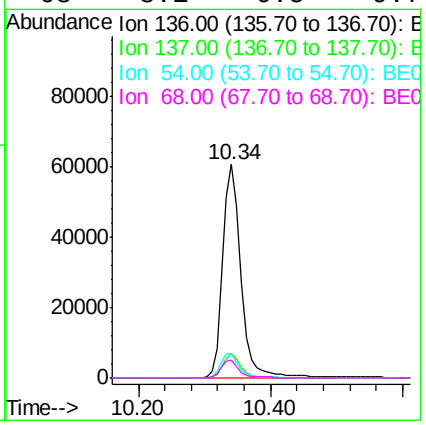


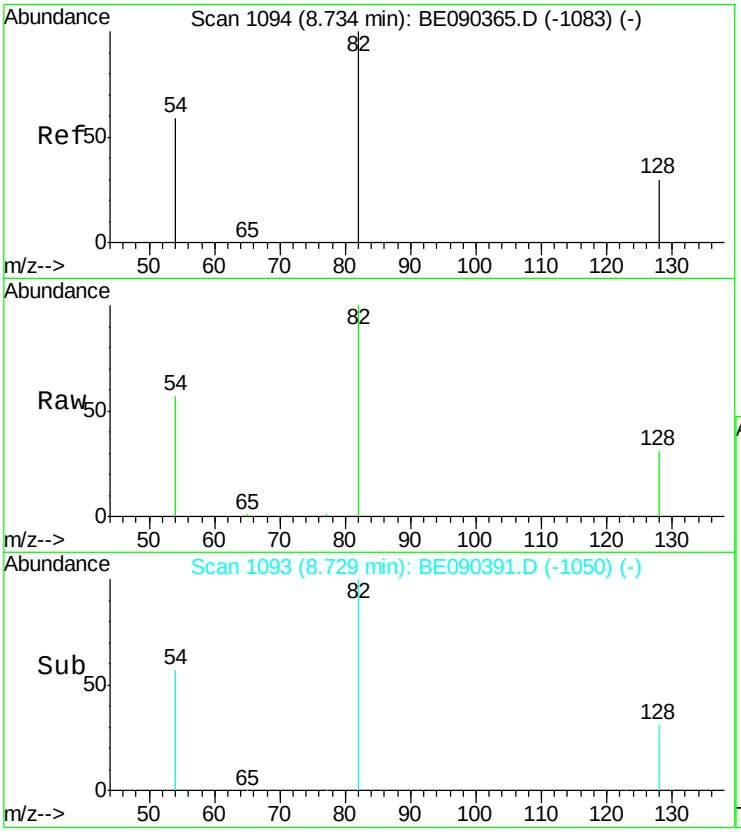


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE090391.D
Acq: 6 Aug 2015 16:00

Tgt Ion:136 Resp: 115617

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	11.1	9.4	14.0
68	8.1	6.5	9.7



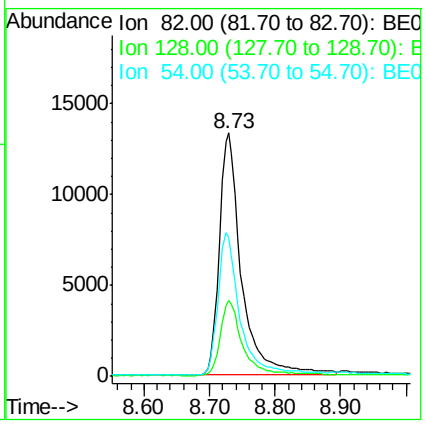


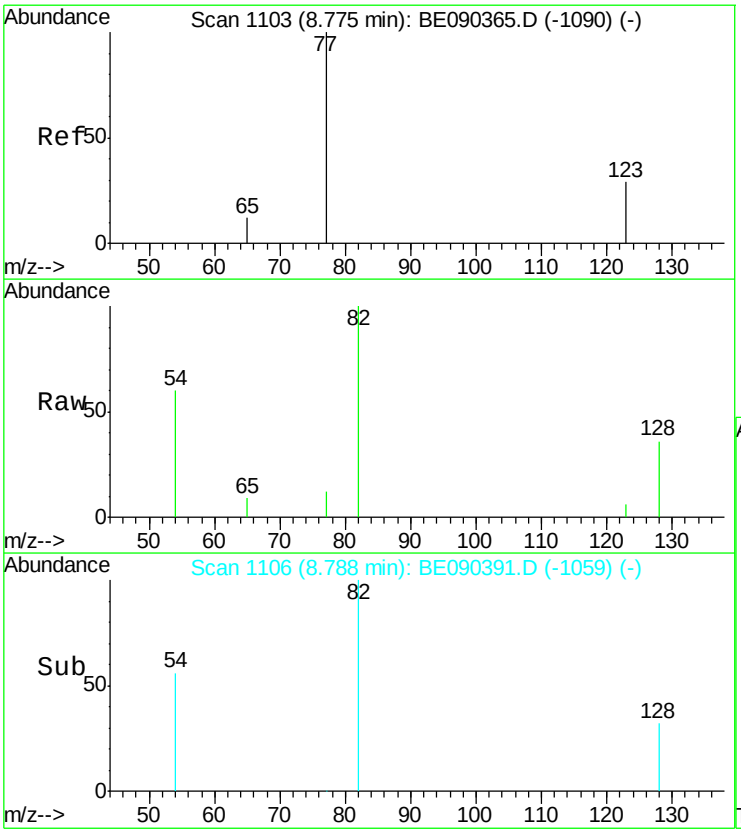
#7
Nitrobenzene-d5
Concen: 3.40 ng
RT: 8.73 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE090391.D
Acq: 6 Aug 2015 16:00

Instrument :
BNA_E
ClientSampleId :
080215-D506-F-U-SRE

Tgt Ion: 82 Resp: 31386

Ion	Ratio	Lower	Upper
82	100		
128	31.4	25.0	37.6
54	57.1	48.8	73.2

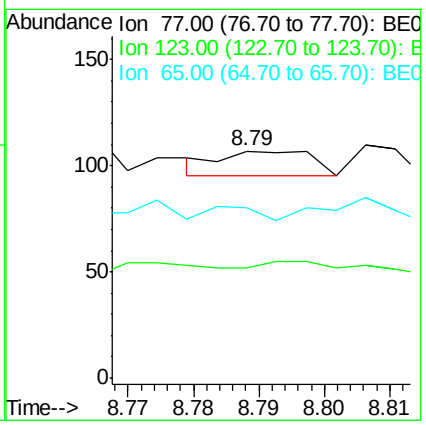


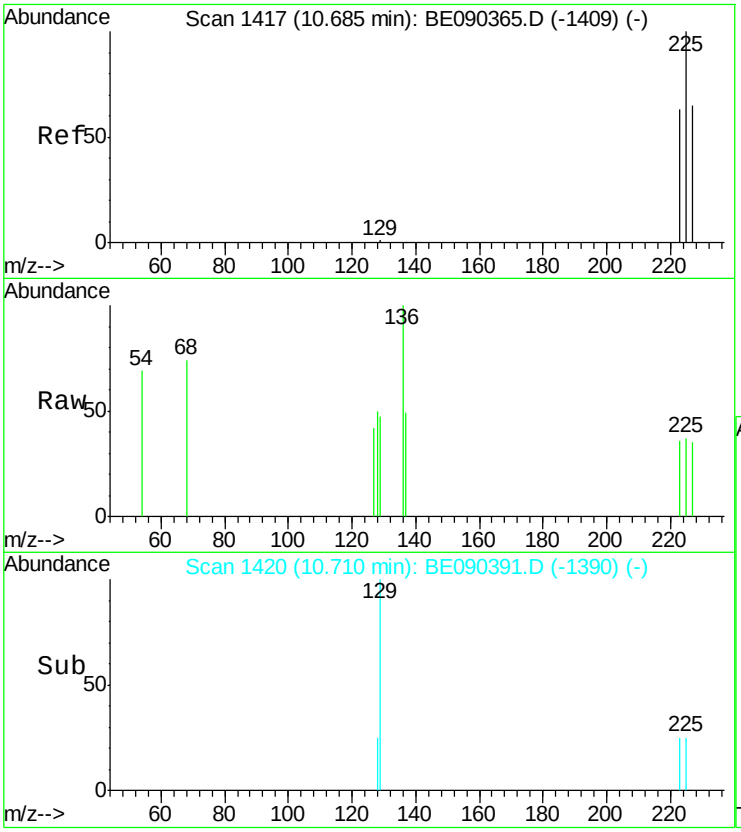


#8
Nitrobenzene
Concen: 0.21 ng
RT: 8.79 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BE090391.D
Acq: 6 Aug 2015 16:00

Tgt Ion: 77 Resp: 11

Ion	Ratio	Lower	Upper
77	100		
123	36.4	25.1	37.7
65	0.0	9.3	13.9#



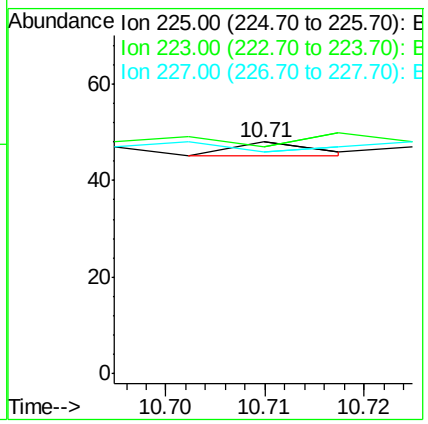


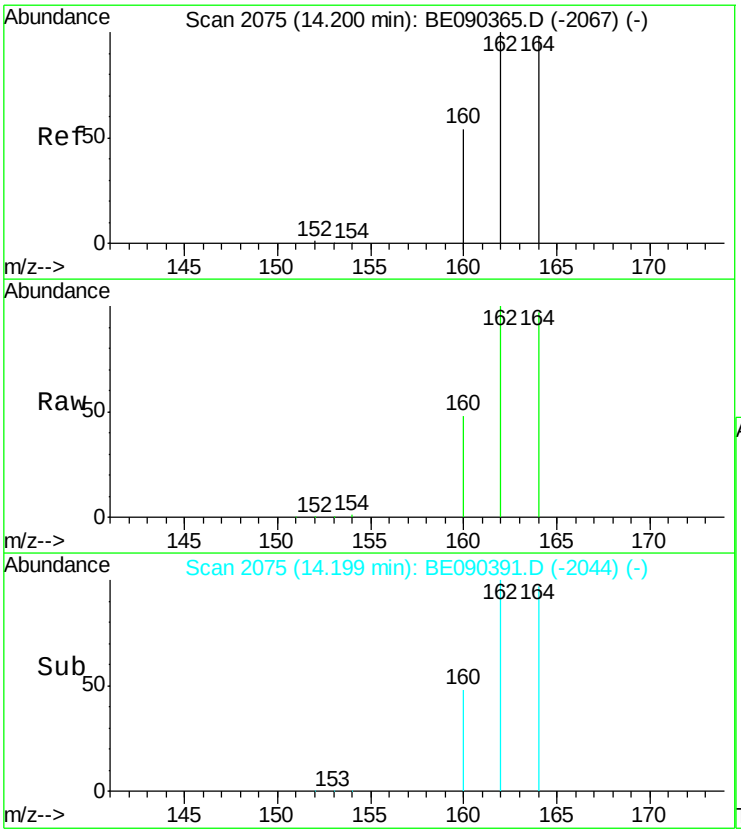
#10
Hexachlorobutadiene
Concen: Below Cal
RT: 10.71 min Scan# 1420
Delta R.T. 0.02 min
Lab File: BE090391.D
Acq: 6 Aug 2015 16:00

Instrument :
BNA_E
ClientSampleId :
080215-D506-F-U-SRE

Tgt Ion:225 Resp: 2

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

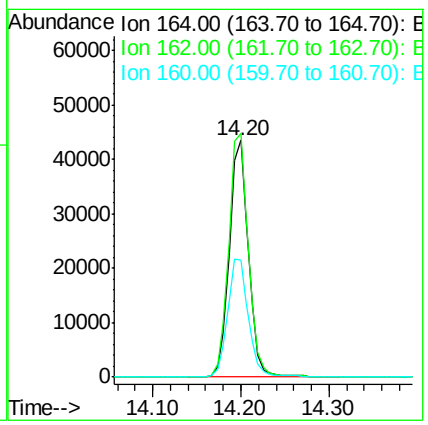


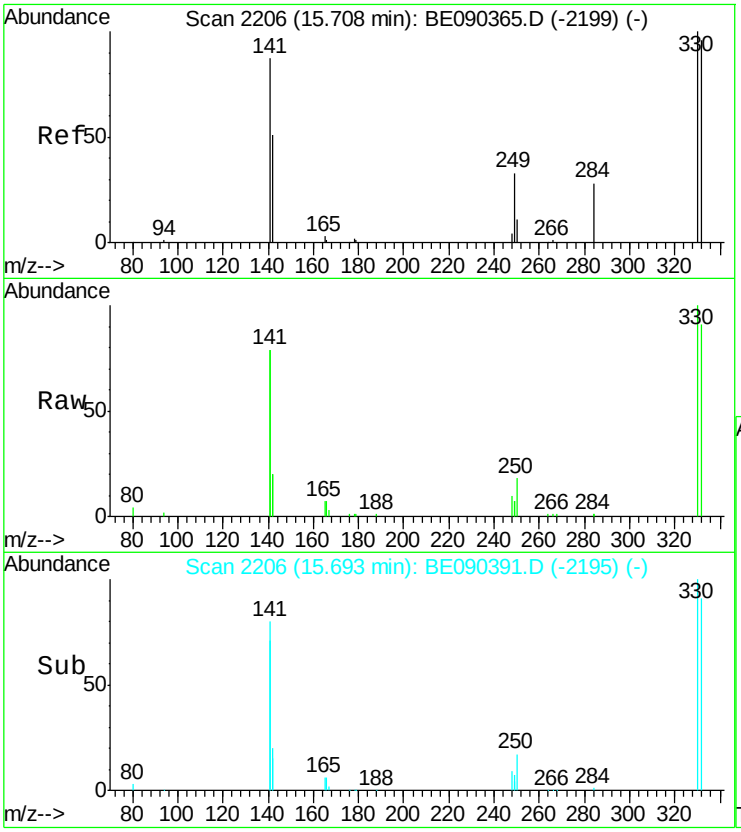


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BE090391.D
Acq: 6 Aug 2015 16:00

Tgt Ion:164 Resp: 65125

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.8	122.8
160	49.1	44.2	66.4



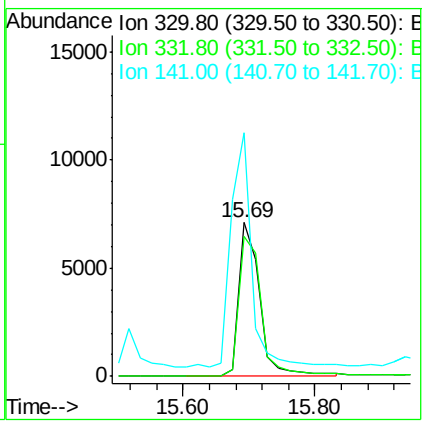


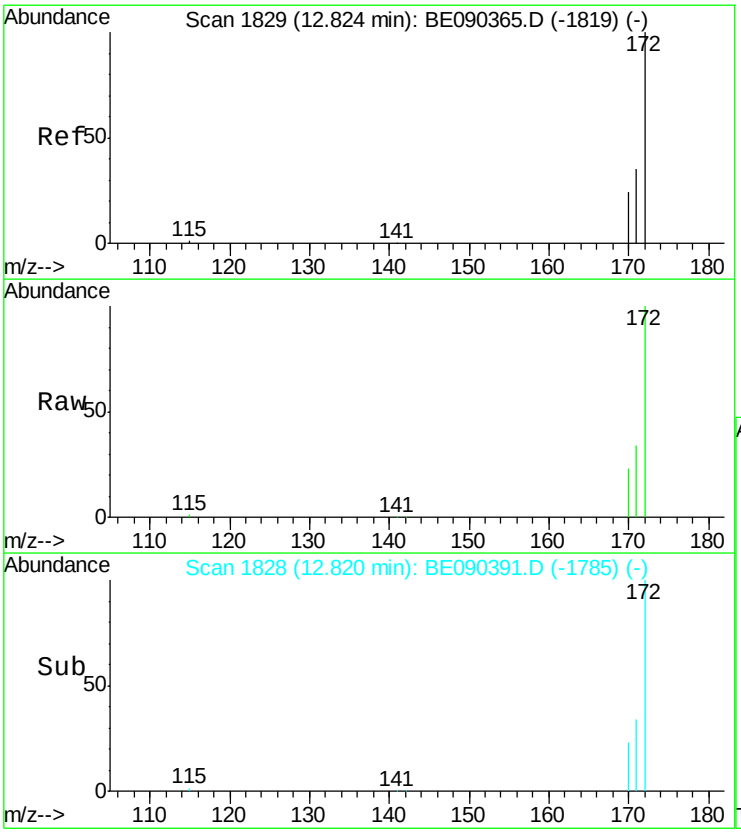
#13
2,4,6-Tribromophenol
Concen: 7.74 ng
RT: 15.69 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BE090391.D
Acq: 6 Aug 2015 16:00

Instrument :
BNA_E
ClientSampleId :
080215-D506-F-U-SRE

Tgt Ion:330 Resp: 15176

Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.8	113.6
141	153.9	114.4	171.6

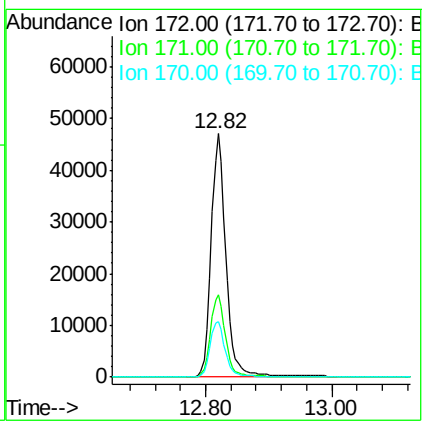


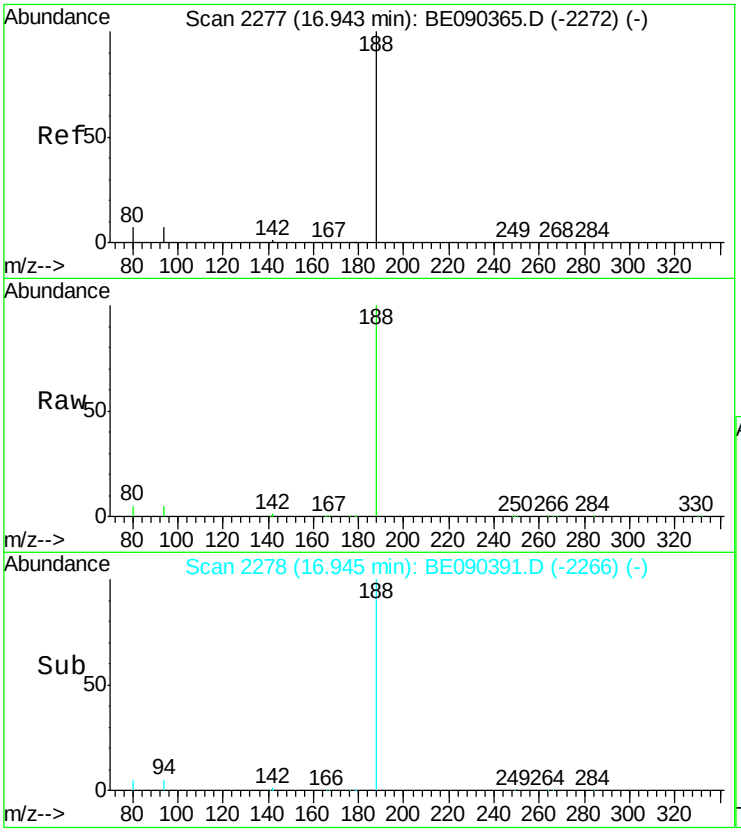


#14
2-Fluorobiphenyl
Concen: 4.28 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE090391.D
Acq: 6 Aug 2015 16:00

Tgt Ion:172 Resp: 76715

Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.5	42.7
170	23.0	19.8	29.8



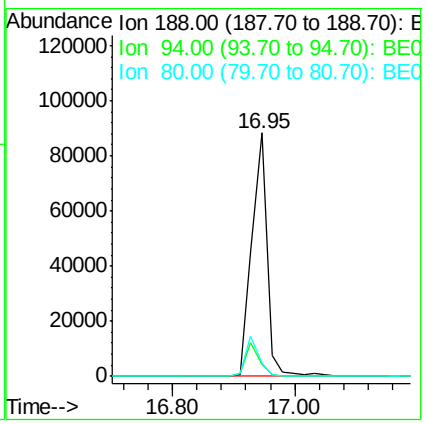


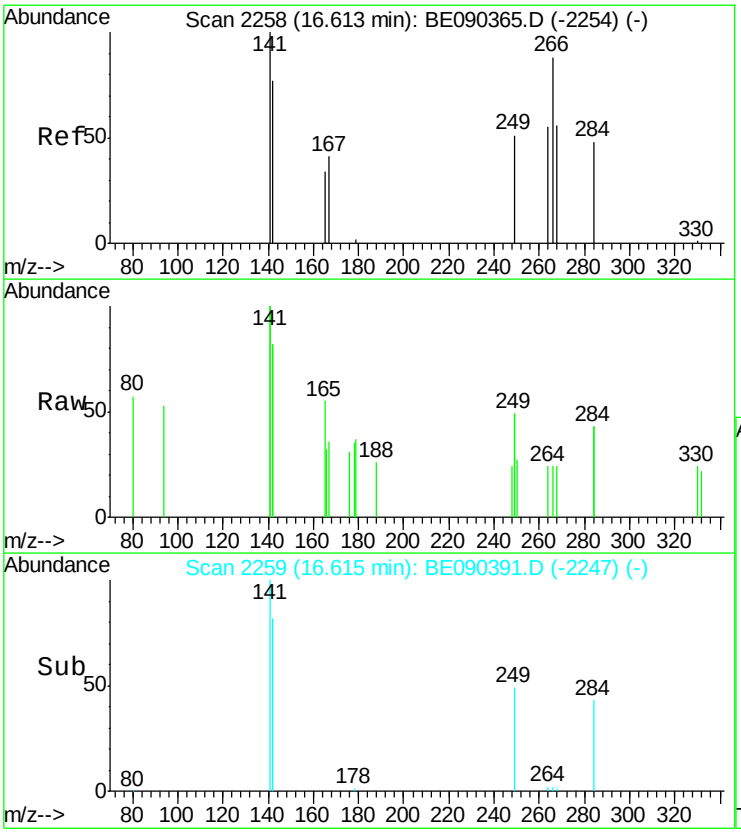
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.95 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090391.D
Acq: 6 Aug 2015 16:00

Instrument :
BNA_E
ClientSampleId :
080215-D506-F-U-SRE

Tgt Ion:188 Resp: 152374

Ion	Ratio	Lower	Upper
188	100		
94	5.2	5.7	8.5#
80	5.3	5.8	8.8#

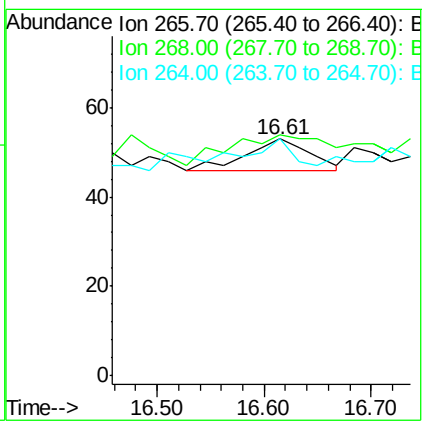


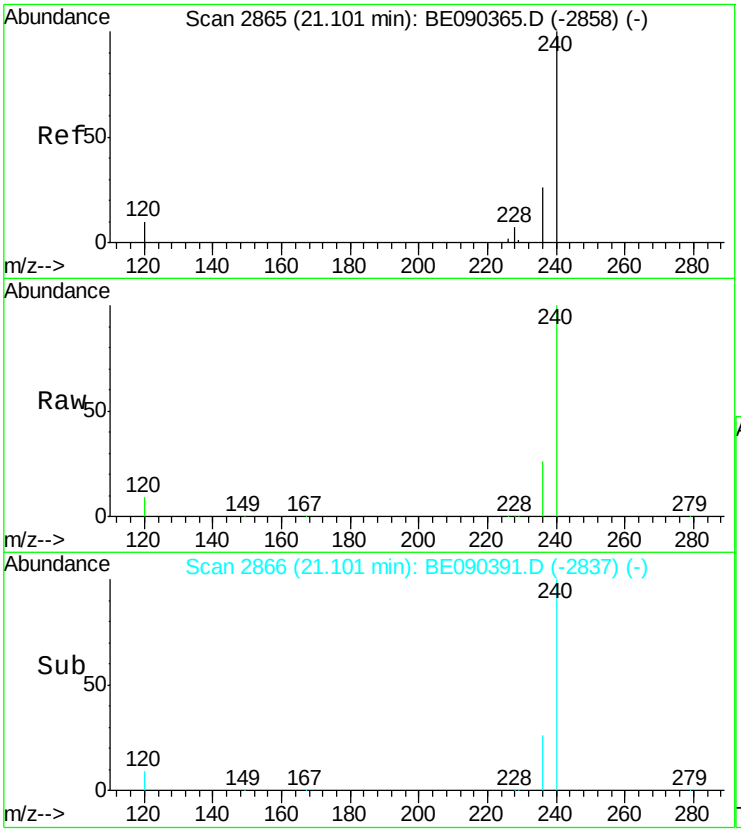


#21
Pentachlorophenol
Concen: 0.12 ng
RT: 16.61 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BE090391.D
Acq: 6 Aug 2015 16:00

Tgt Ion:266 Resp: 28

Ion	Ratio	Lower	Upper
266	100		
268	101.9	58.5	87.7#
264	100.0	56.0	84.0#



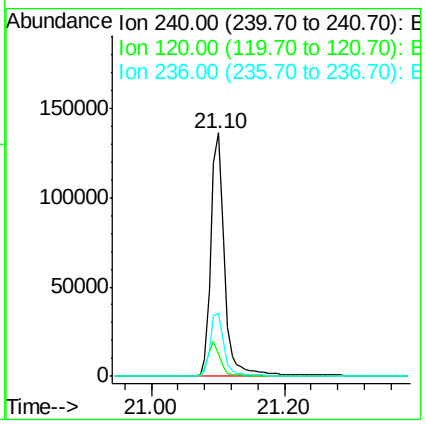


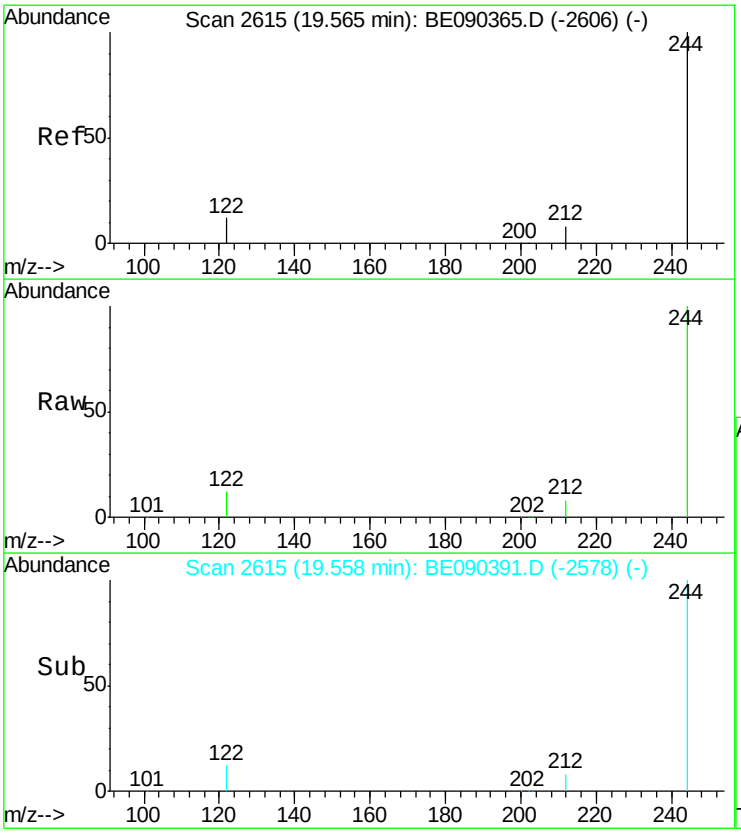
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.10 min Scan# 2866
Delta R.T. -0.00 min
Lab File: BE090391.D
Acq: 6 Aug 2015 16:00

Instrument :
BNA_E
ClientSampleId :
080215-D506-F-U-SRE

Tgt Ion:240 Resp: 191358

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.3	12.5
236	26.1	21.0	31.4

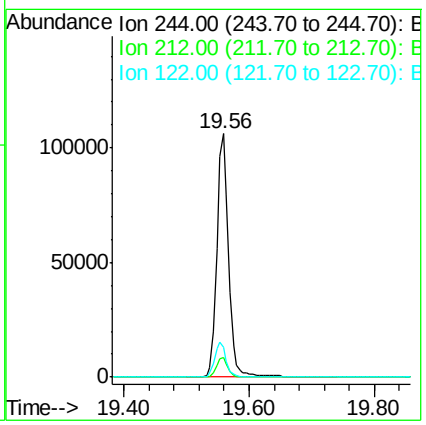


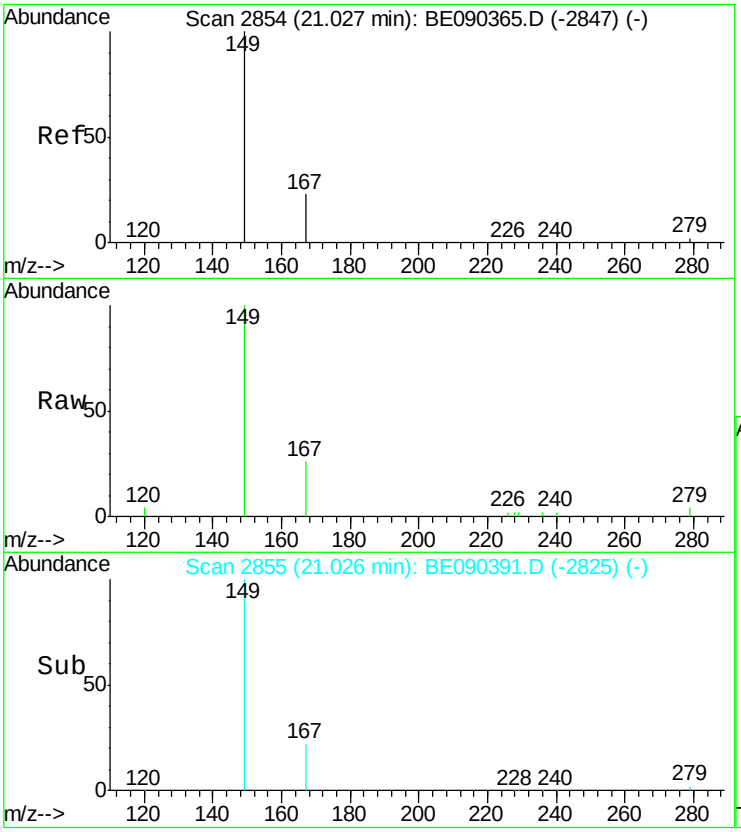


#27
Terphenyl-d14
Concen: 4.93 ng
RT: 19.56 min Scan# 2615
Delta R.T. -0.01 min
Lab File: BE090391.D
Acq: 6 Aug 2015 16:00

Tgt Ion:244 Resp: 138847

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	9.8
122	12.3	10.2	15.4



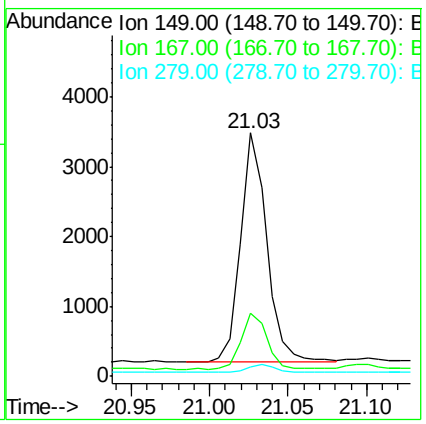


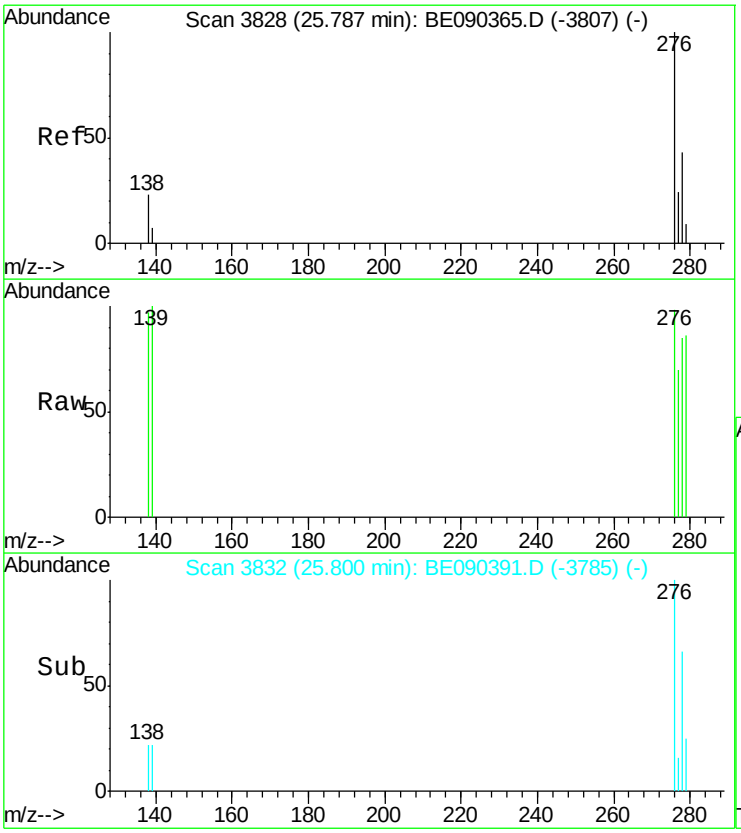
#30
Bis(2-ethylhexyl)phthalate
Concen: 0.48 ng
RT: 21.03 min Scan# 2855
Delta R.T. 0.00 min
Lab File: BE090391.D
Acq: 6 Aug 2015 16:00

Instrument :
BNA_E
ClientSampleId :
080215-D506-F-U-SRE

Tgt Ion:149 Resp: 3807

Ion	Ratio	Lower	Upper
149	100		
167	24.1	19.8	29.8
279	3.6	2.4	3.6

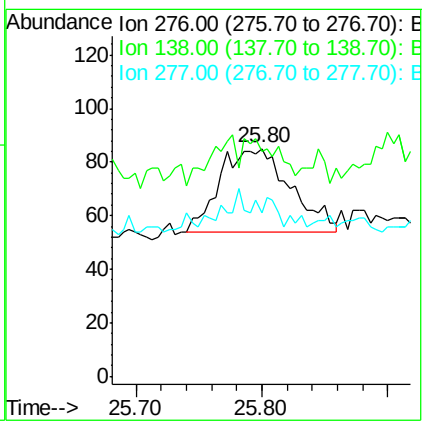


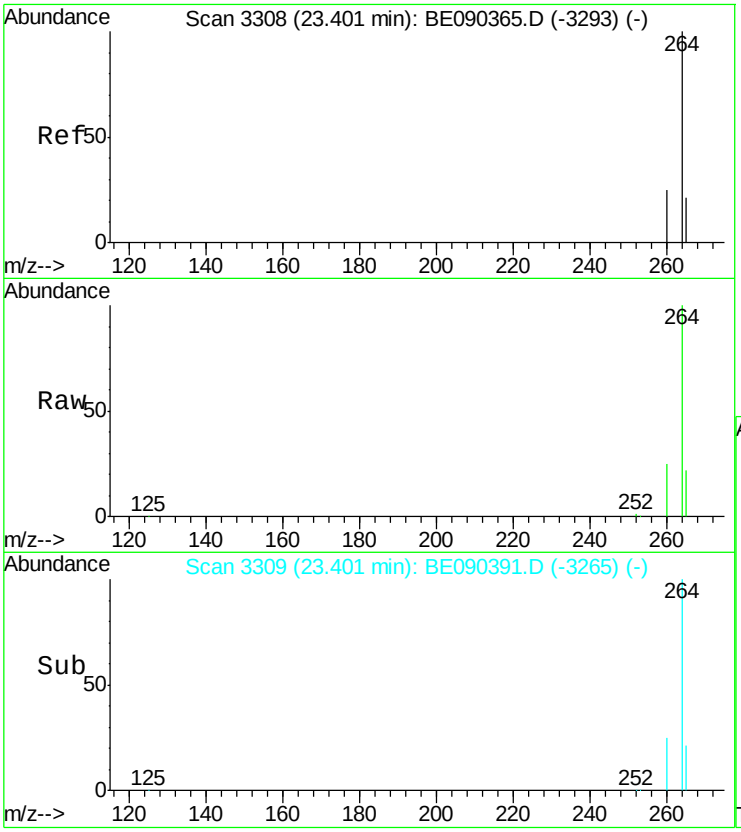


#31
Indeno(1,2,3-cd)pyrene
Concen: 0.25 ng
RT: 25.80 min Scan# 3832
Delta R.T. 0.01 min
Lab File: BE090391.D
Acq: 6 Aug 2015 16:00

Tgt Ion:276 Resp: 121

Ion	Ratio	Lower	Upper
276	100		
138	0.0	18.8	28.2#
277	9.1	18.2	27.4#



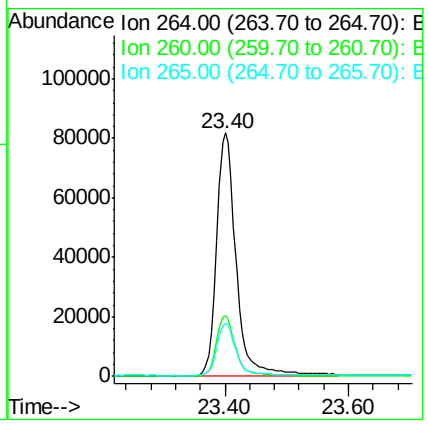


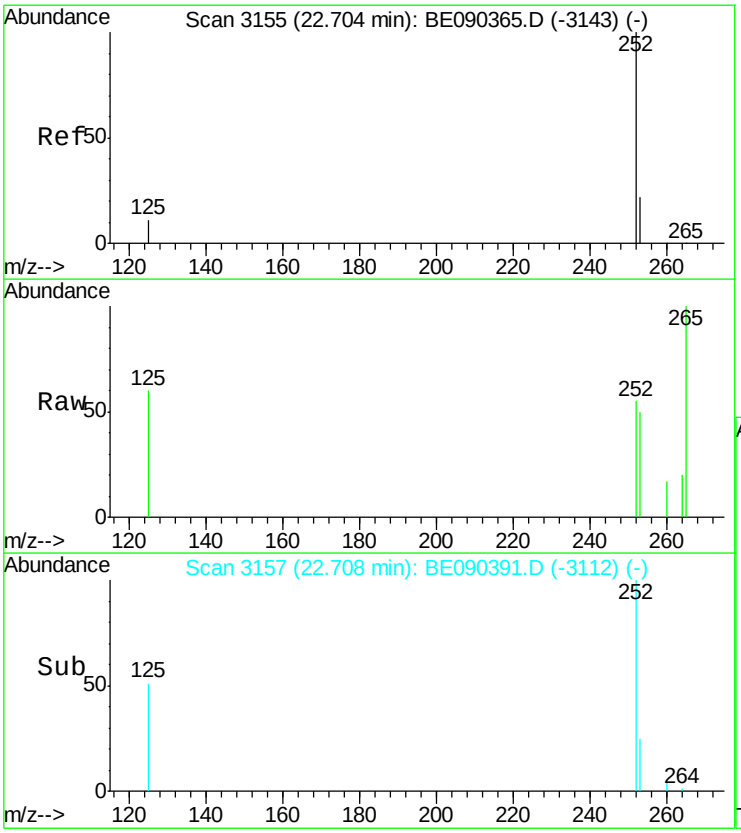
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3309
Delta R.T. -0.00 min
Lab File: BE090391.D
Acq: 6 Aug 2015 16:00

Instrument :
BNA_E
ClientSampleId :
080215-D506-F-U-SRE

Tgt Ion:264 Resp: 180744

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	21.8	17.2	25.8

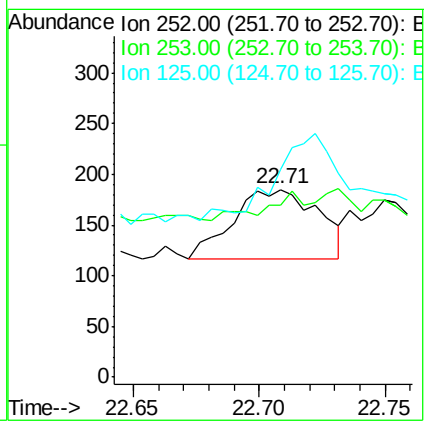


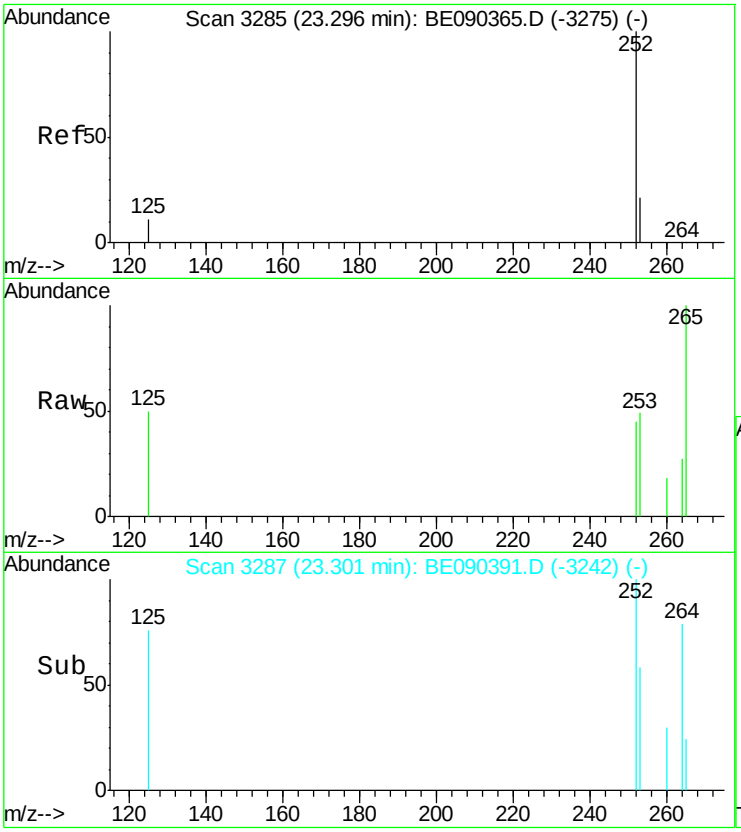


#33
Benzo(b)fluoranthene
Concen: 0.20 ng
RT: 22.71 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BE090391.D
Acq: 6 Aug 2015 16:00

Tgt Ion:252 Resp: 160

Ion	Ratio	Lower	Upper
252	100		
253	91.9	18.1	27.1#
125	110.8	9.4	14.2#



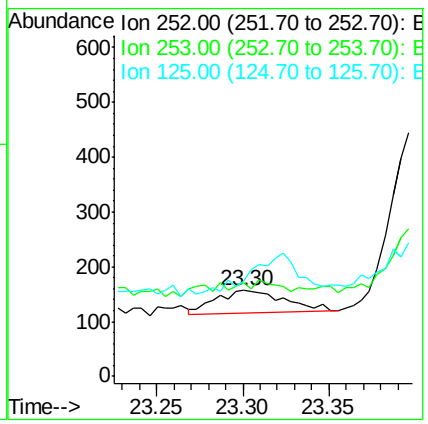


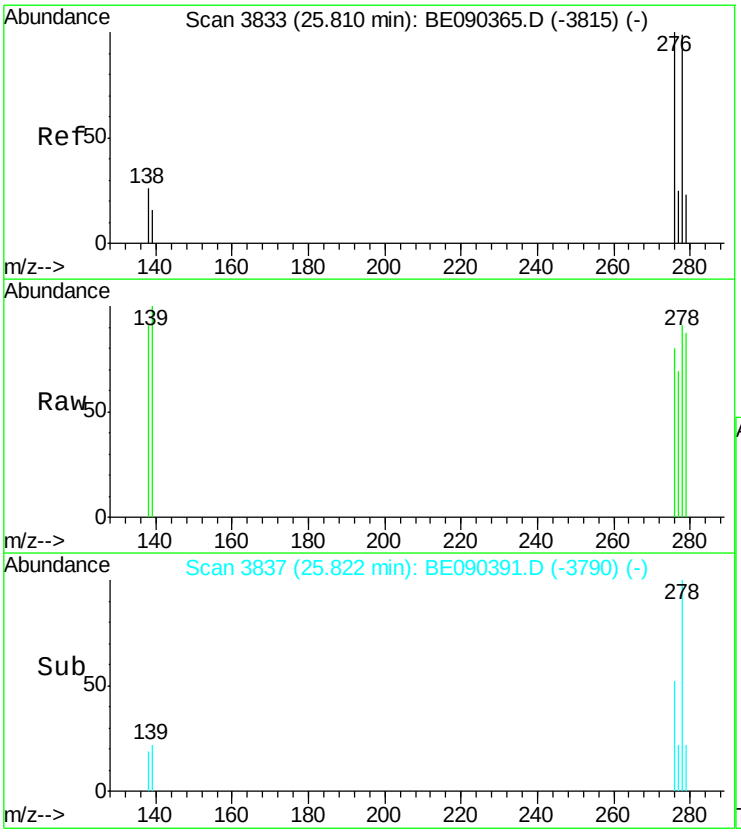
#35
Benzo(a)pyrene
Concen: 0.23 ng
RT: 23.30 min Scan# 3287
Delta R.T. 0.00 min
Lab File: BE090391.D
Acq: 6 Aug 2015 16:00

Instrument :
BNA_E
ClientSampleId :
080215-D506-F-U-SRE

Tgt Ion:252 Resp: 111

Ion	Ratio	Lower	Upper
252	100		
253	108.9	17.6	26.4#
125	110.8	9.8	14.6#





#36
Dibenzo(a,h)anthracene
Concen: 0.29 ng
RT: 25.82 min Scan# 3837
Delta R.T. 0.01 min
Lab File: BE090391.D
Acq: 6 Aug 2015 16:00

Tgt Ion:278 Resp: 82

Ion	Ratio	Lower	Upper
278	100		
139	110.1	14.2	21.4#
279	96.2	20.1	30.1#