Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080715\
Data File : BE090395.D
Acq On : 7 Aug 2015 13:38
Operator : TP/UM
Sample : PB84854BL
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB84854BL

Quant Time: Aug 07 23:03:46 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	20303	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	86394	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	48859	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	120867	5.00	ng	0.00
25) Chrysene-d12	21.10	240	136215	5.00	ng	0.00
32) Perylene-d12	23.40	264	115960	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	25058	8.23	ng	0.00
5) Phenol-d6	6.77	99	37592	5.76	ng	0.00
7) Nitrobenzene-d5	8.73	82	22521	3.27	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	5115	4.39	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	56028	4.17	ng	0.00
27) Terphenyl-d14	19.56	244	98800	4.92	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	73	Below Cal	#	29
8) Nitrobenzene	8.79	77	4	0.21	ng #	50
10) Hexachlorobutadiene	10.66	225	6	Below Cal	#	19
16) Acenaphthene	14.20	154	283	0.02	ng #	1
21) Pentachlorophenol	16.58	266	7	0.10	ng #	64
30) Bis(2-ethylhexyl)phthalate	21.03	149	44	0.11	ng #	99
31) Indeno(1,2,3-cd)pyrene	25.81	276	36	0.25	ng #	85
33) Benzo(b)fluoranthene	22.71	252	46	0.19	ng #	1
35) Benzo(a)pyrene	23.30	252	93	0.23	ng #	1
36) Dibenzo(a,h)anthracene	25.79	278	7	0.28	ng #	1

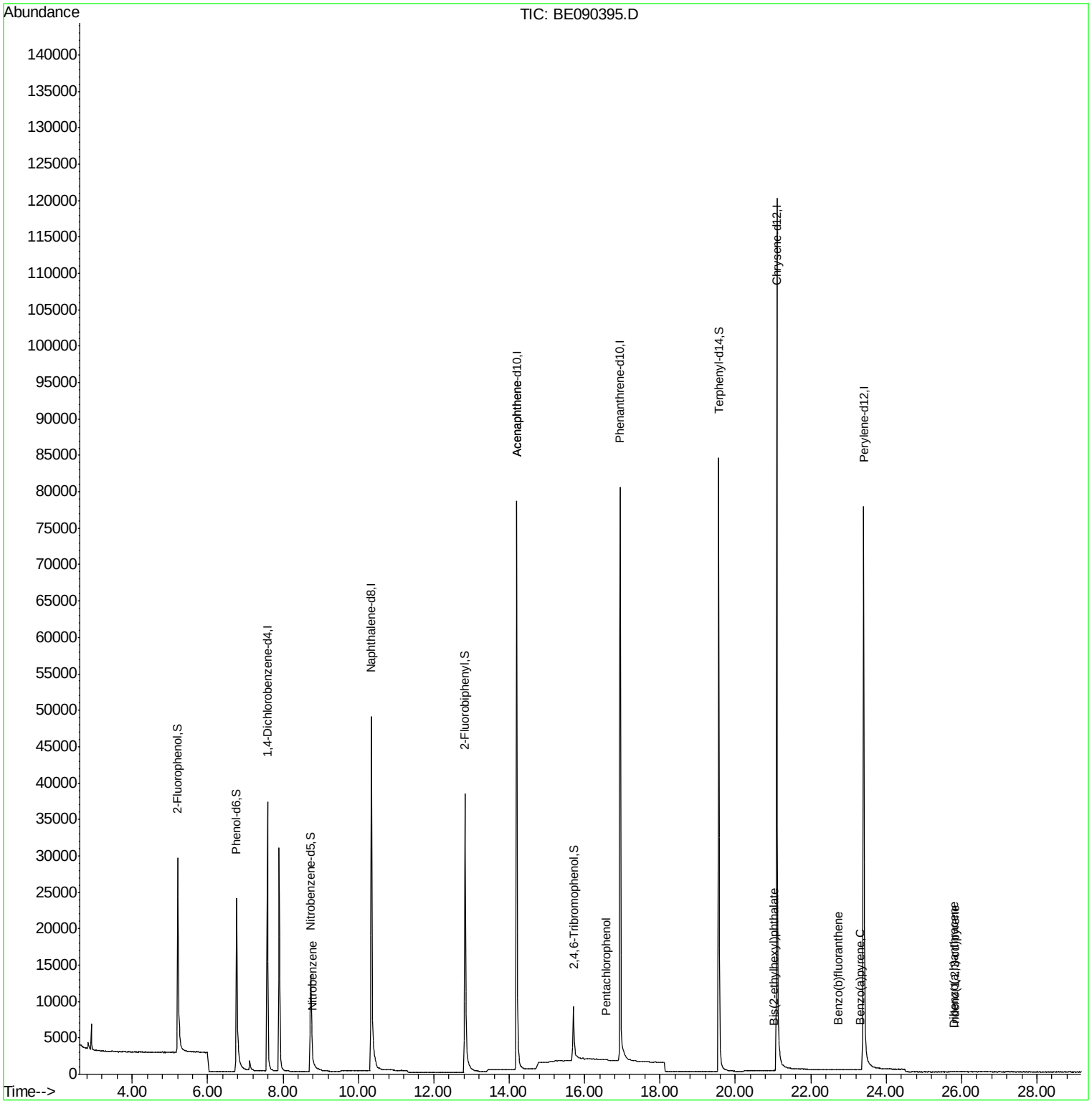
(#) = qualifier out of range (m) = manual integration (+) = signals summed

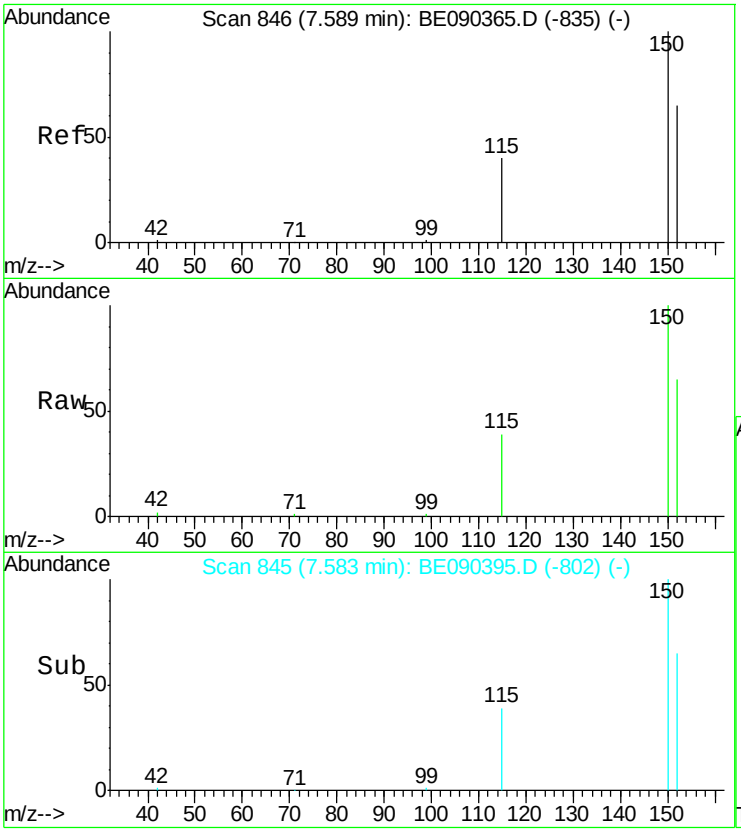
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080715\
Data File : BE090395.D
Acq On : 7 Aug 2015 13:38
Operator : TP/UM
Sample : PB84854BL
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB84854BL

Quant Time: Aug 07 23:03:46 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



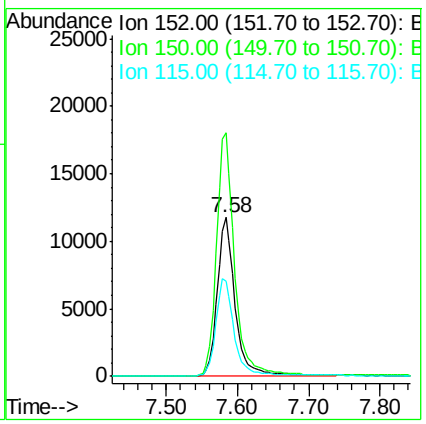


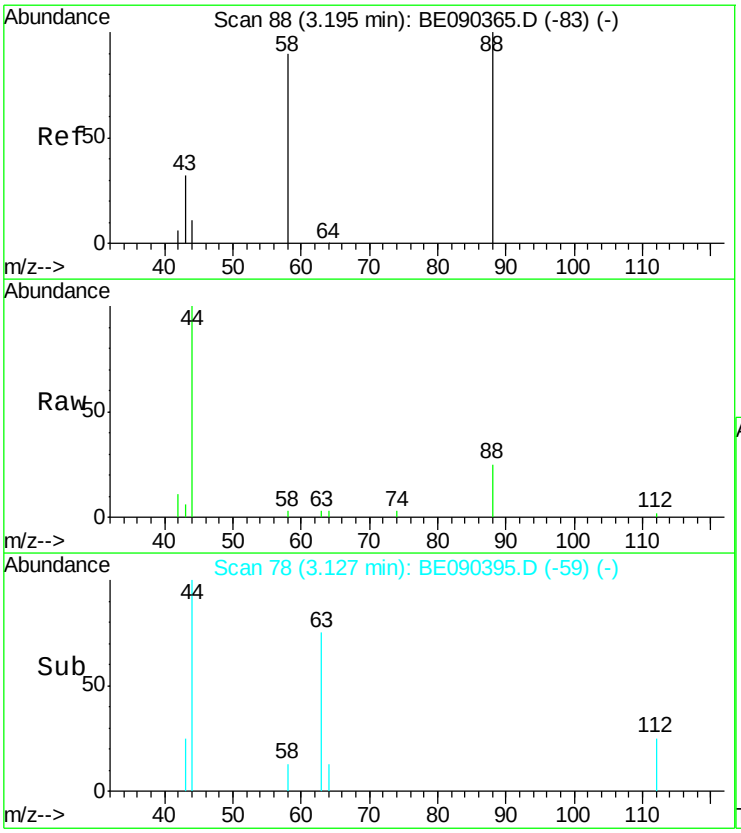
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE090395.D
Acq: 7 Aug 2015 13:38

Instrument :
BNA_E
ClientSampleId :
PB84854BL

Tgt Ion:152 Resp: 20303

Ion	Ratio	Lower	Upper
152	100		
150	153.4	123.0	184.4
115	59.8	48.9	73.3

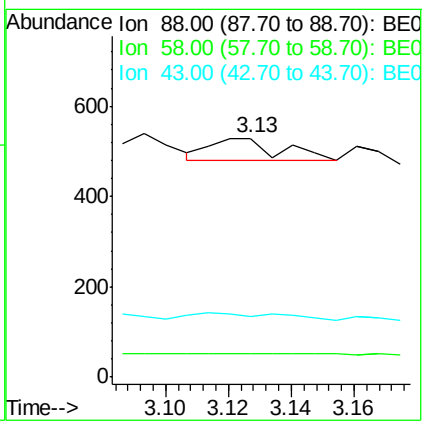


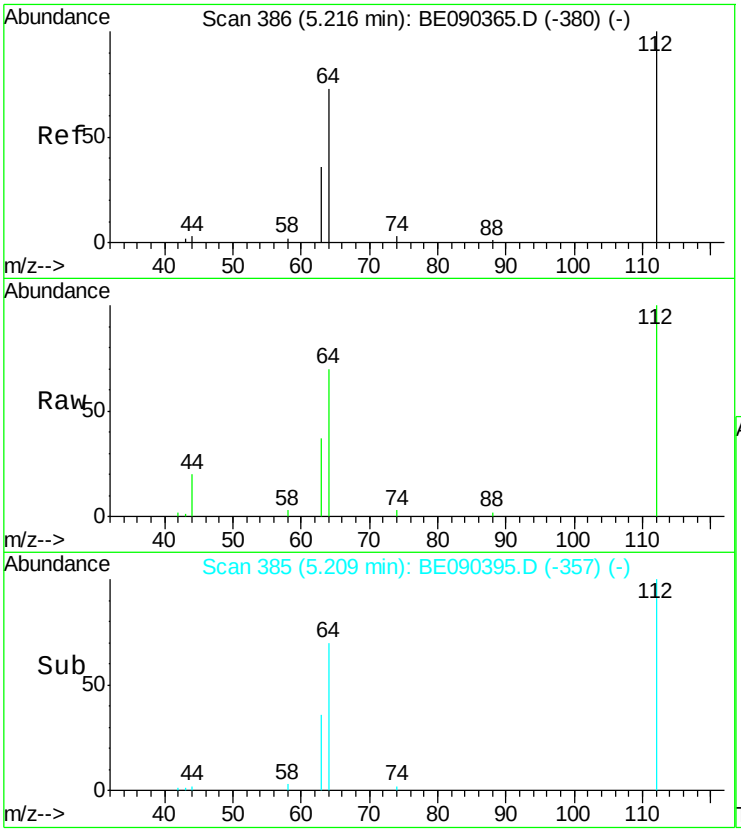


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.13 min Scan# 78
Delta R.T. -0.07 min
Lab File: BE090395.D
Acq: 7 Aug 2015 13:38

Tgt Ion: 88 Resp: 73

Ion	Ratio	Lower	Upper
88	100		
58	4.1	70.0	105.0#
43	20.5	28.4	42.6#



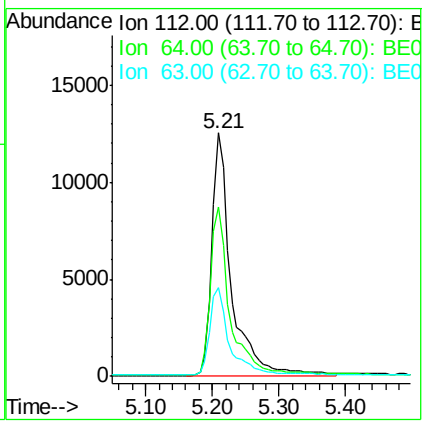


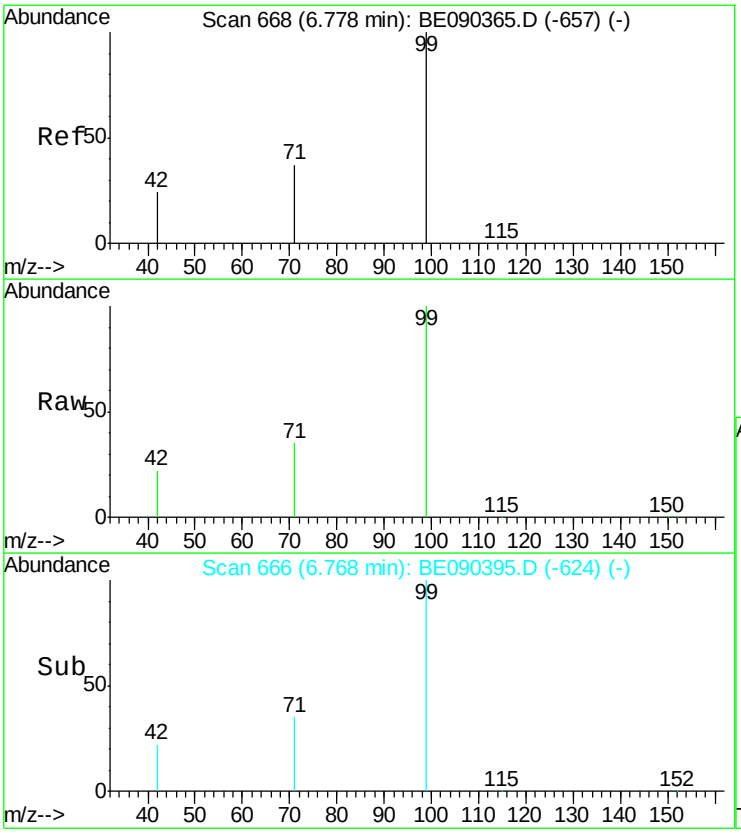
#4
2-Fluorophenol
Concen: 8.23 ng
RT: 5.21 min Scan# 385
Delta R.T. -0.01 min
Lab File: BE090395.D
Acq: 7 Aug 2015 13:38

Instrument :
BNA_E
ClientSampleId :
PB84854BL

Tgt Ion:112 Resp: 25058

Ion	Ratio	Lower	Upper
112	100		
64	70.8	37.1	55.7#
63	36.6	19.5	29.3#

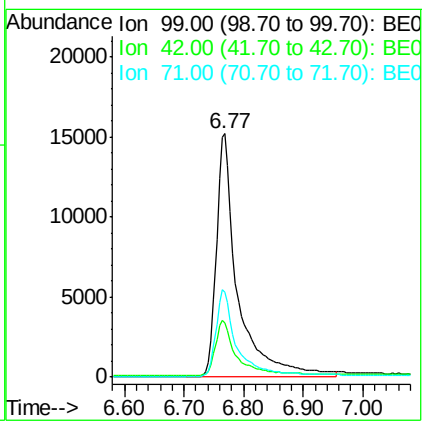


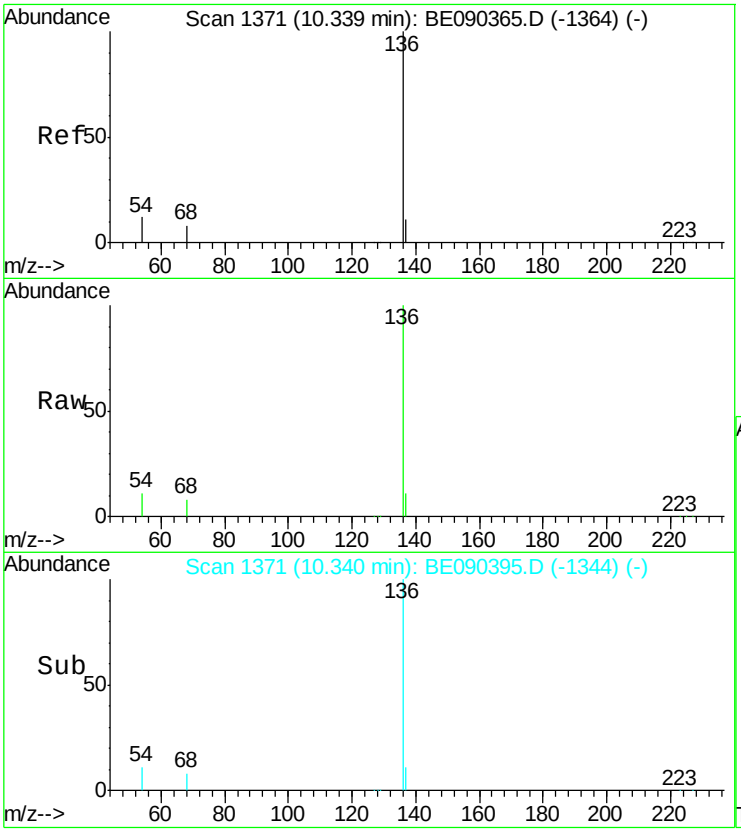


#5
Phenol-d6
Concen: 5.76 ng
RT: 6.77 min Scan# 666
Delta R.T. -0.01 min
Lab File: BE090395.D
Acq: 7 Aug 2015 13:38

Tgt Ion: 99 Resp: 37592

Ion	Ratio	Lower	Upper
99	100		
42	22.6	18.2	27.4
71	35.6	27.4	41.0



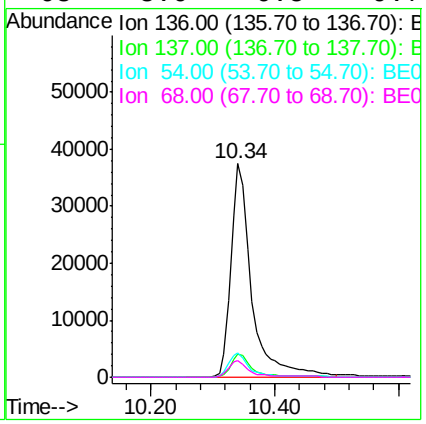


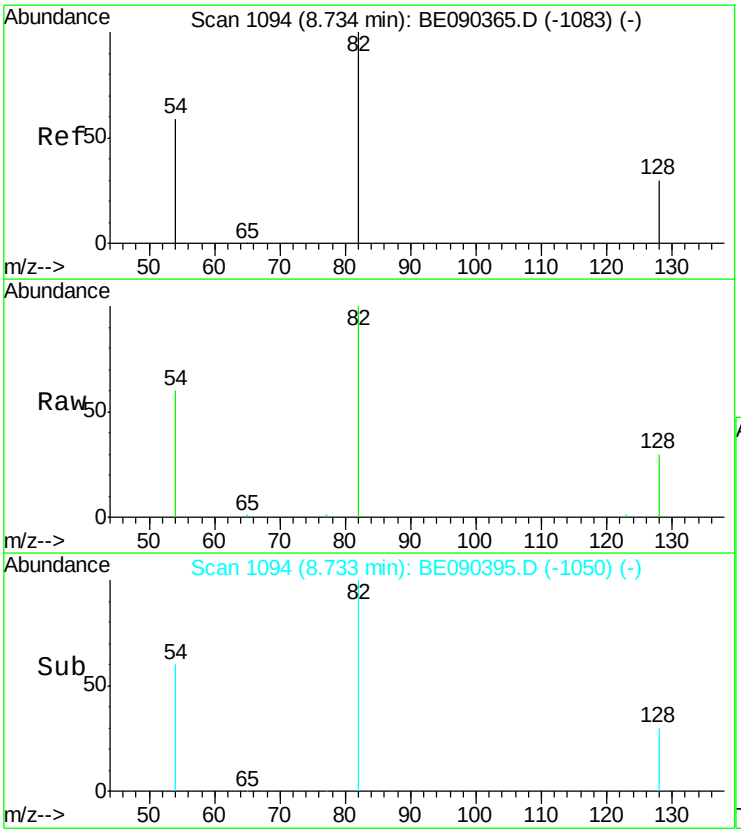
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE090395.D
Acq: 7 Aug 2015 13:38

Instrument :
BNA_E
ClientSampleId :
PB84854BL

Tgt Ion:136 Resp: 86394

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.5	9.4	14.0
68	8.0	6.5	9.7

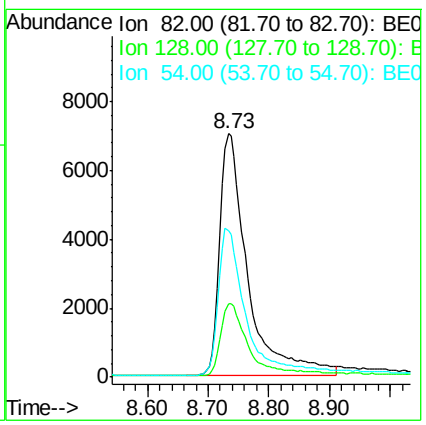


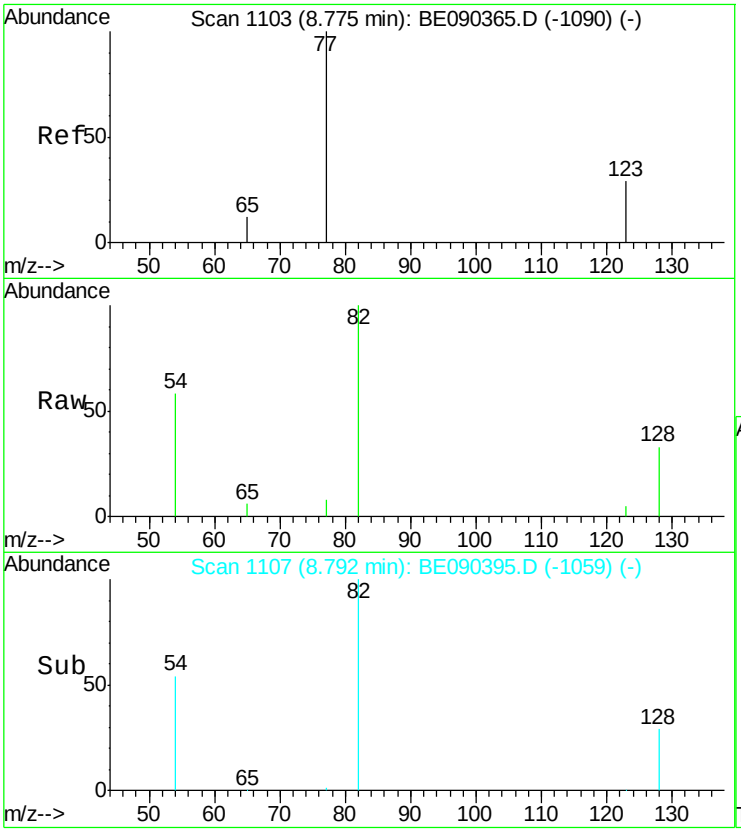


#7
Nitrobenzene-d5
Concen: 3.27 ng
RT: 8.73 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE090395.D
Acq: 7 Aug 2015 13:38

Tgt Ion: 82 Resp: 22521

Ion	Ratio	Lower	Upper
82	100		
128	30.4	25.0	37.6
54	60.1	48.8	73.2



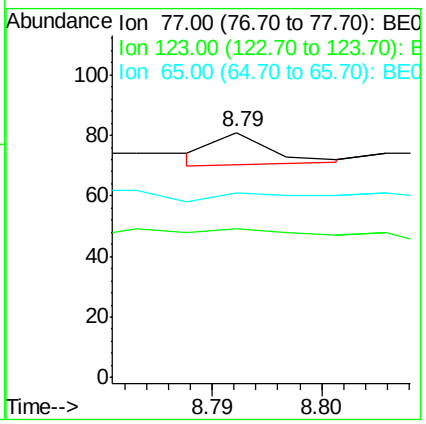


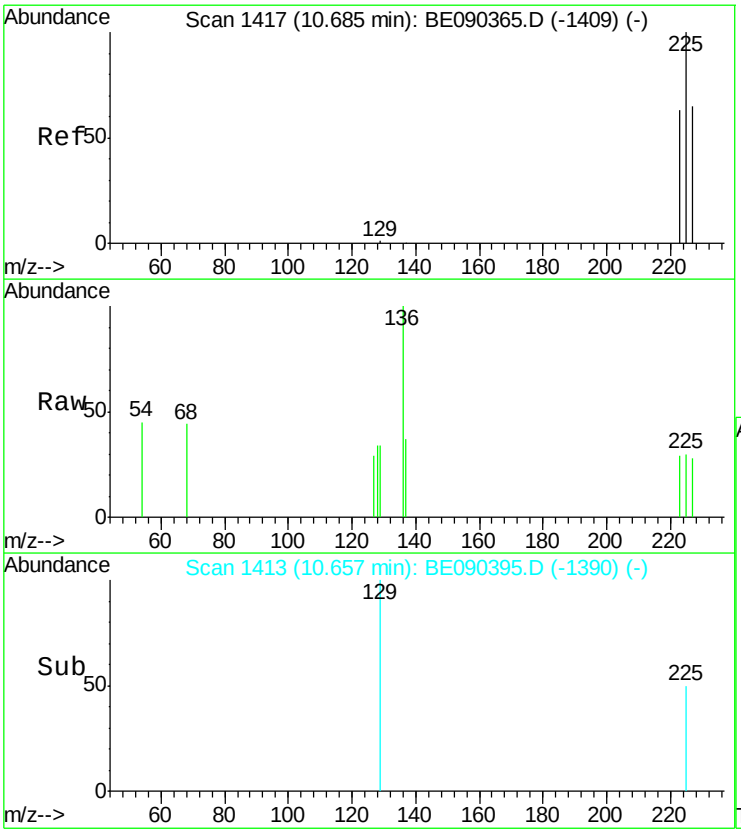
#8
Nitrobenzene
Concen: 0.21 ng
RT: 8.79 min Scan# 1107
Delta R.T. 0.02 min
Lab File: BE090395.D
Acq: 7 Aug 2015 13:38

Instrument :
BNA_E
ClientSampleId :
PB84854BL

Tgt Ion: 77 Resp: 4

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

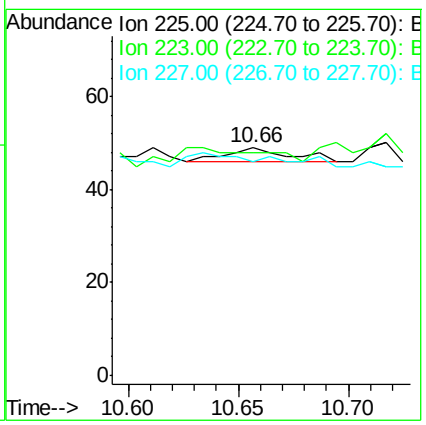


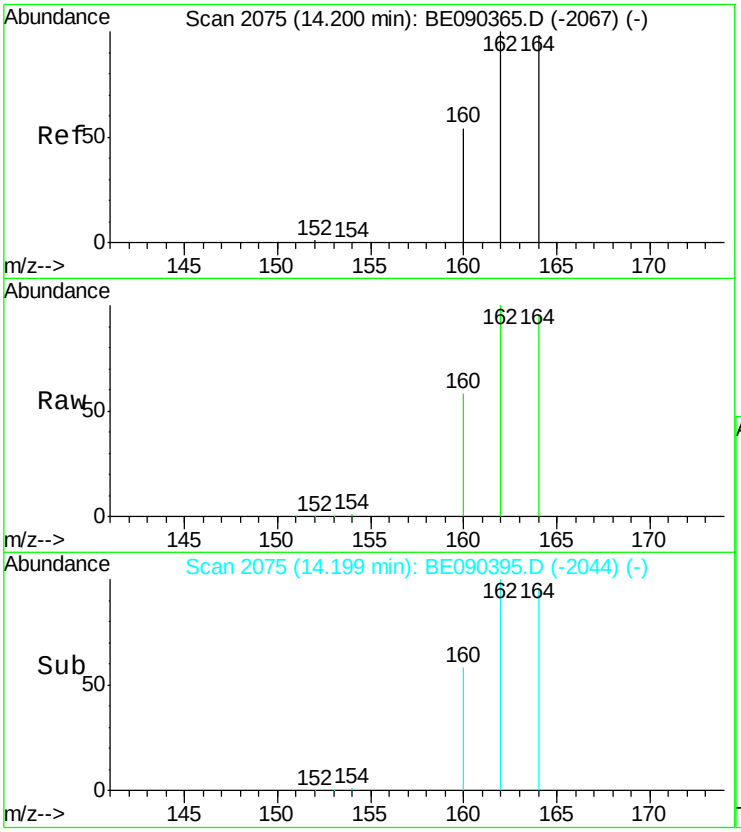


#10
Hexachlorobutadiene
Concen: Below Cal
RT: 10.66 min Scan# 1413
Delta R.T. -0.03 min
Lab File: BE090395.D
Acq: 7 Aug 2015 13:38

Tgt Ion:225 Resp: 6

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



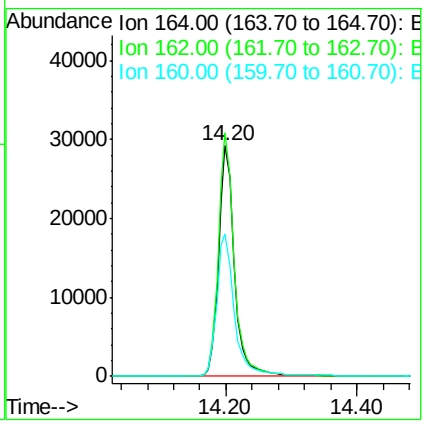


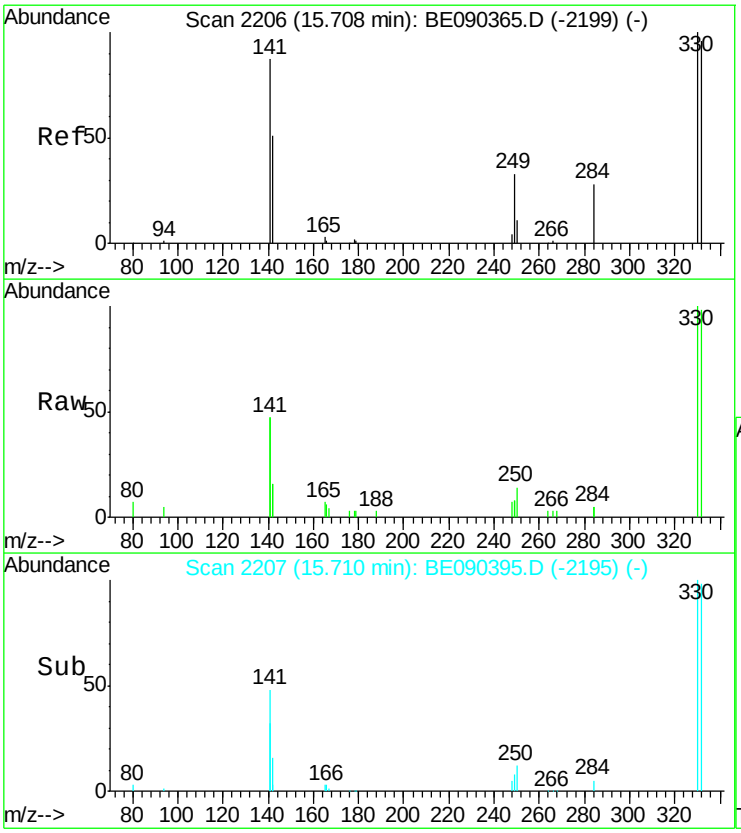
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BE090395.D
Acq: 7 Aug 2015 13:38

Instrument :
BNA_E
ClientSampleId :
PB84854BL

Tgt Ion:164 Resp: 48859

Ion	Ratio	Lower	Upper
164	100		
162	105.7	81.8	122.8
160	61.8	44.2	66.4

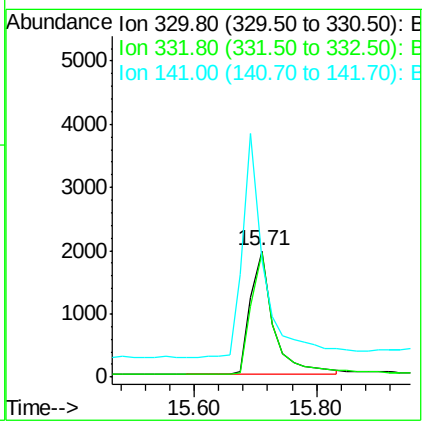


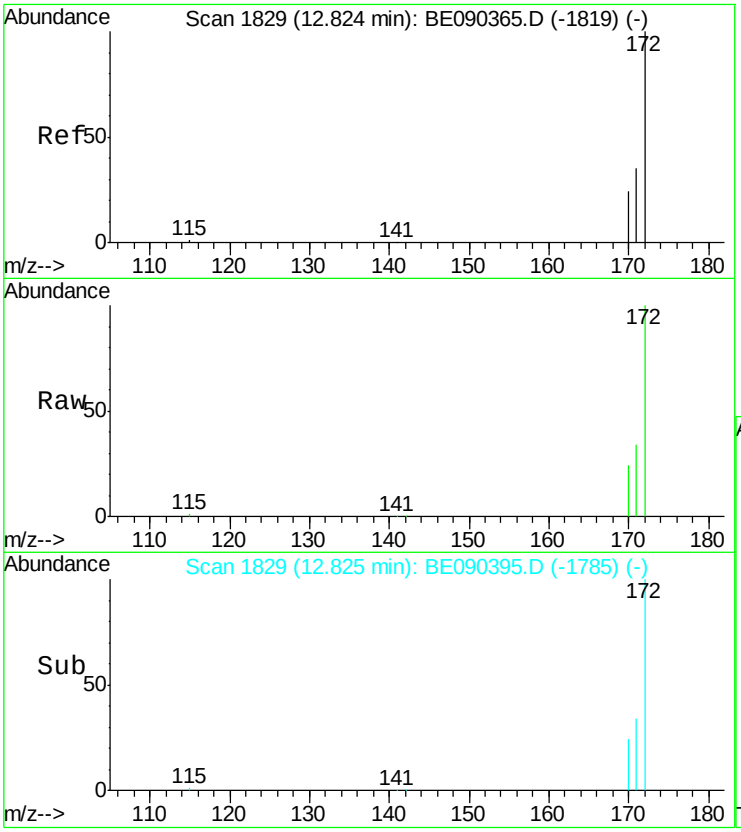


#13
2,4,6-Tribromophenol
Concen: 4.39 ng
RT: 15.71 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BE090395.D
Acq: 7 Aug 2015 13:38

Tgt Ion:330 Resp: 5115

Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.8	113.6
141	173.6	114.4	171.6#



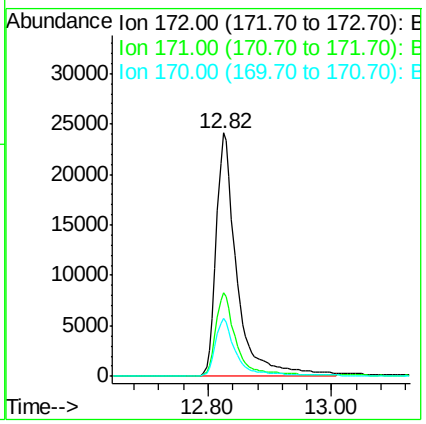


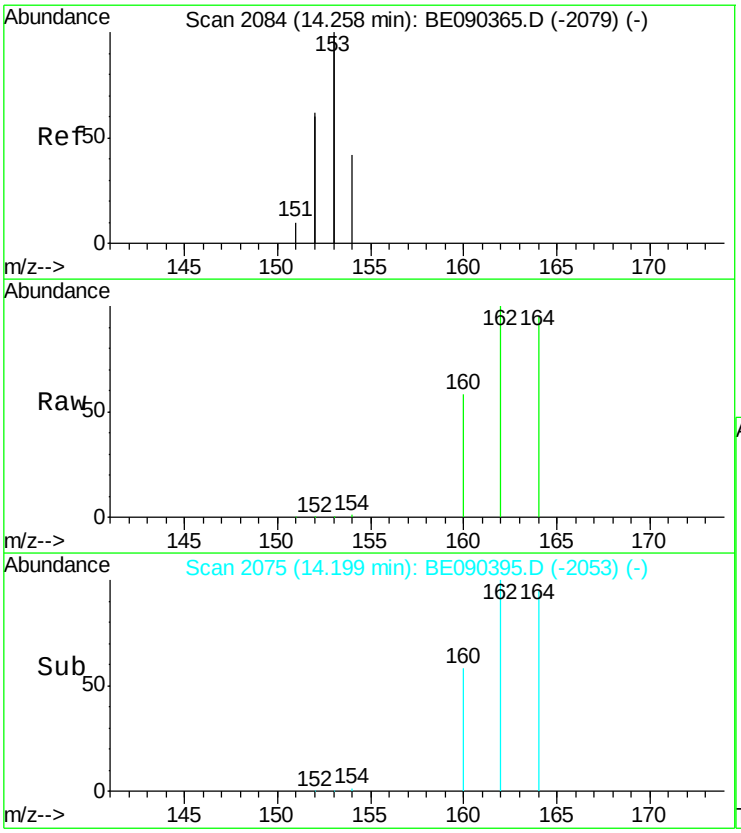
#14
2-Fluorobiphenyl
Concen: 4.17 ng
RT: 12.82 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BE090395.D
Acq: 7 Aug 2015 13:38

Instrument :
BNA_E
ClientSampleId :
PB84854BL

Tgt Ion:172 Resp: 56028

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.5	42.7
170	23.9	19.8	29.8

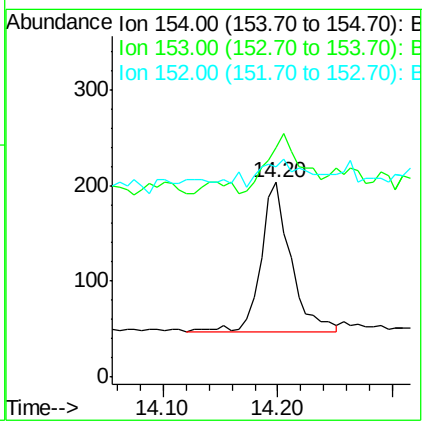


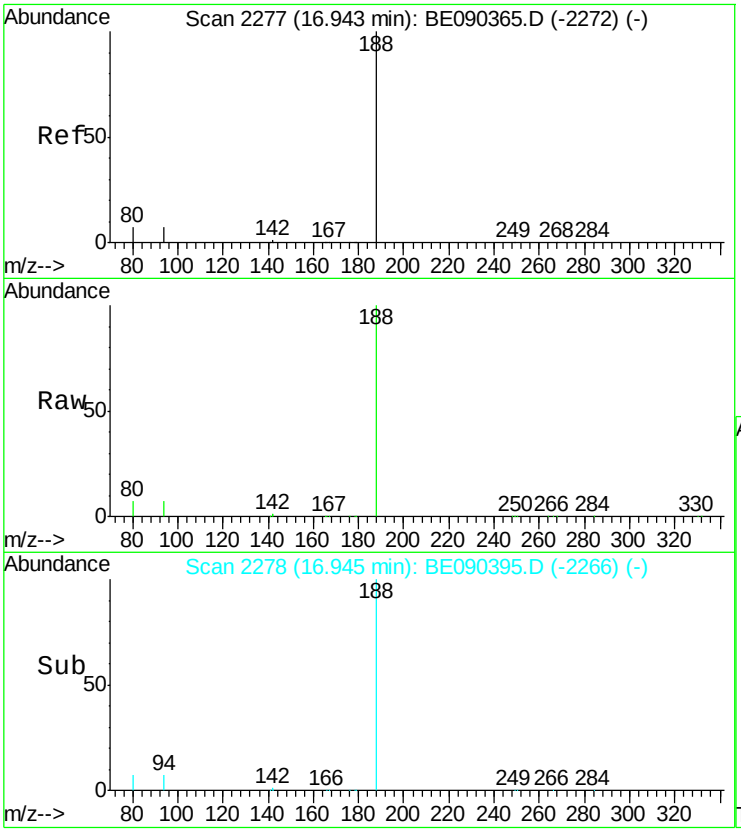


#16
Acenaphthene
Concen: 0.02 ng
RT: 14.20 min Scan# 2075
Delta R.T. -0.06 min
Lab File: BE090395.D
Acq: 7 Aug 2015 13:38

Tgt Ion:154 Resp: 283

Ion	Ratio	Lower	Upper
154	100		
153	44.9	376.2	564.2#
152	26.5	235.0	352.4#



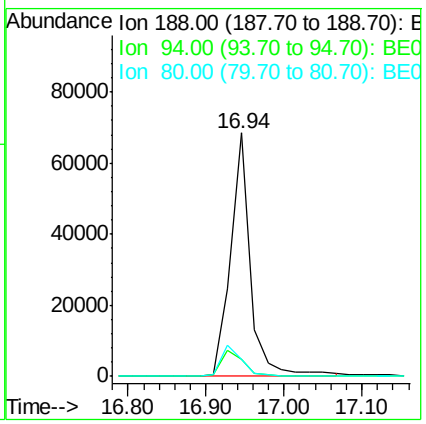


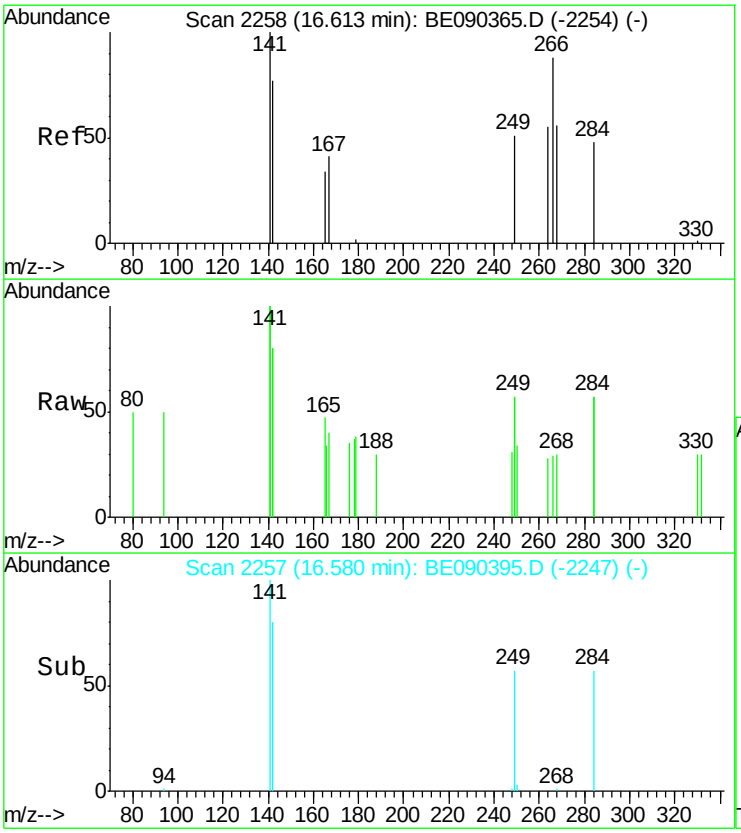
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090395.D
Acq: 7 Aug 2015 13:38

Instrument :
BNA_E
ClientSampleId :
PB84854BL

Tgt Ion:188 Resp: 120867

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.7	8.5
80	7.3	5.8	8.8

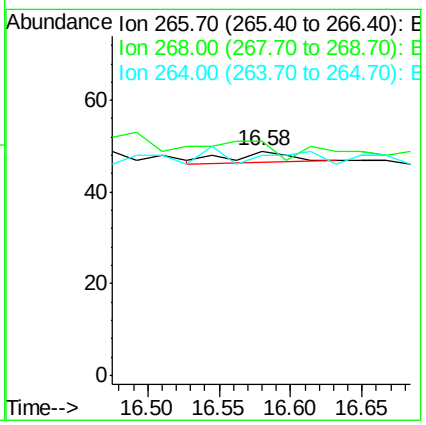


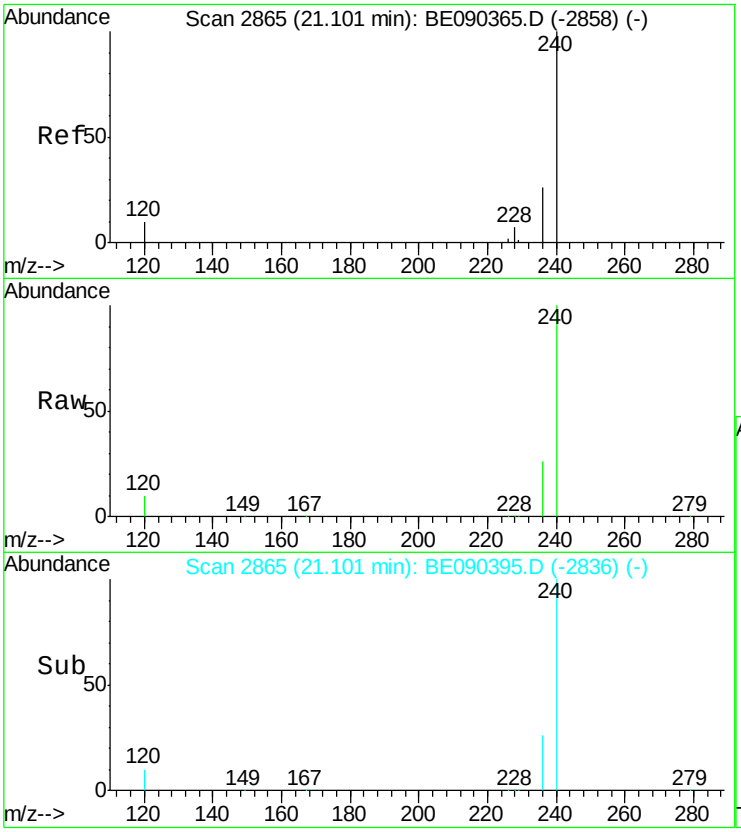


#21
Pentachlorophenol
Concen: 0.10 ng
RT: 16.58 min Scan# 2257
Delta R.T. -0.03 min
Lab File: BE090395.D
Acq: 7 Aug 2015 13:38

Tgt Ion:266 Resp: 7

Ion	Ratio	Lower	Upper
266	100		
268	104.1	58.5	87.7#
264	98.0	56.0	84.0#



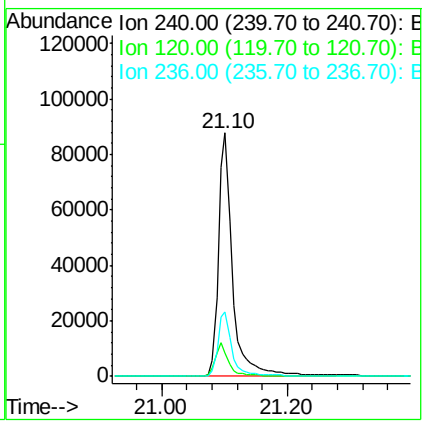


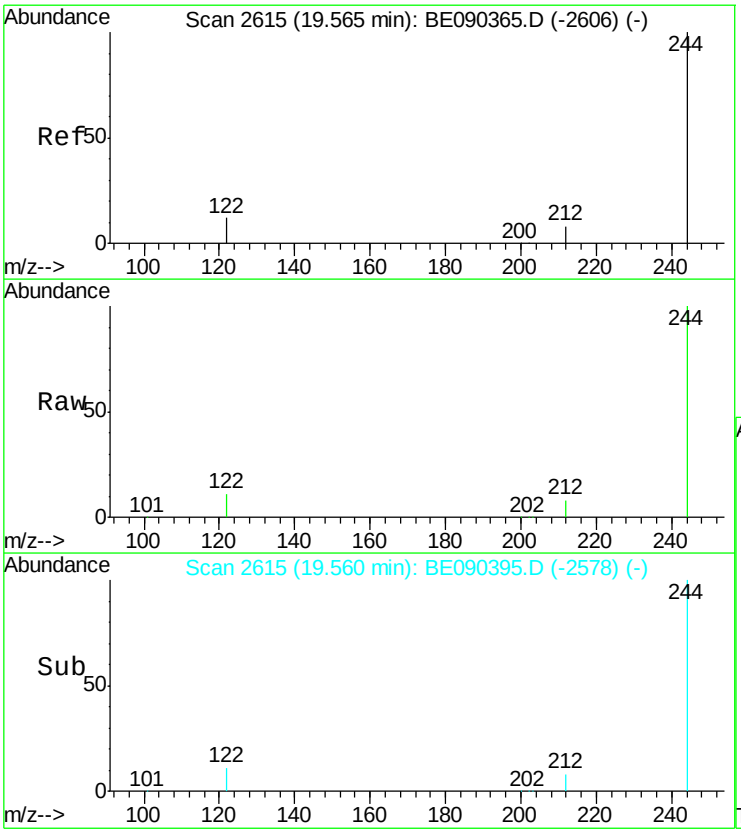
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.10 min Scan# 2865
Delta R.T. -0.00 min
Lab File: BE090395.D
Acq: 7 Aug 2015 13:38

Instrument :
BNA_E
ClientSampleId :
PB84854BL

Tgt Ion:240 Resp: 136215

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.3	12.5
236	26.4	21.0	31.4

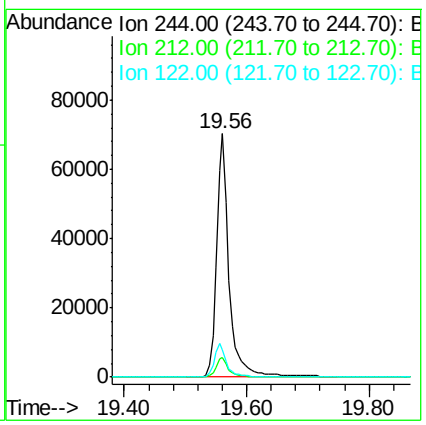


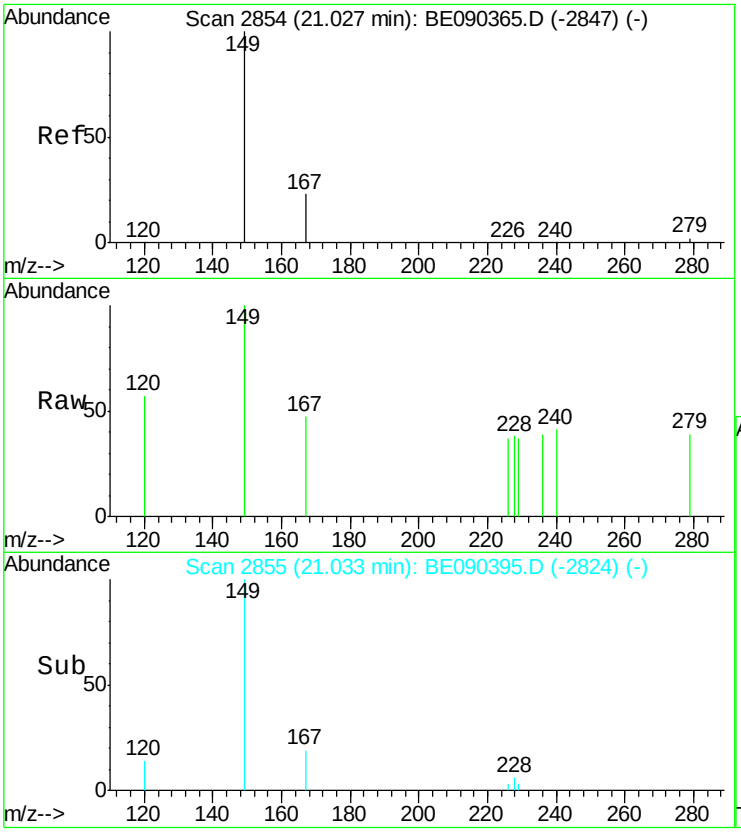


#27
Terphenyl-d14
Concen: 4.92 ng
RT: 19.56 min Scan# 2615
Delta R.T. -0.00 min
Lab File: BE090395.D
Acq: 7 Aug 2015 13:38

Tgt Ion:244 Resp: 98800

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	9.8
122	11.3	10.2	15.4



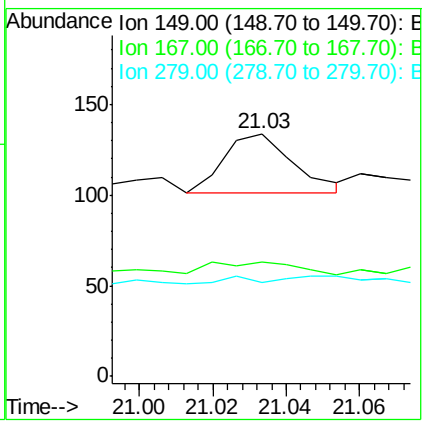


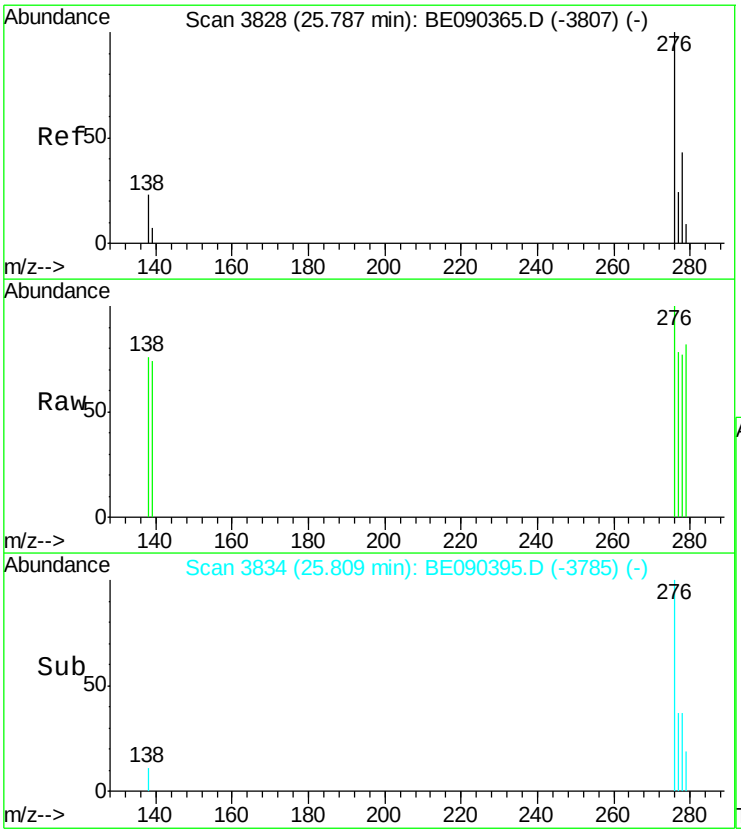
#30
Bis(2-ethylhexyl)phthalate
Concen: 0.11 ng
RT: 21.03 min Scan# 2855
Delta R.T. 0.01 min
Lab File: BE090395.D
Acq: 7 Aug 2015 13:38

Instrument :
BNA_E
ClientSampleId :
PB84854BL

Tgt Ion:149 Resp: 44

Ion	Ratio	Lower	Upper
149	100		
167	25.0	19.8	29.8
279	4.5	2.4	3.6#

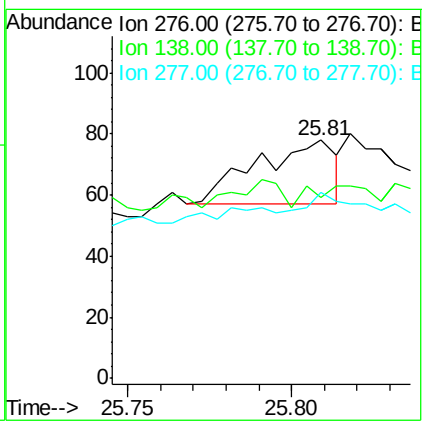


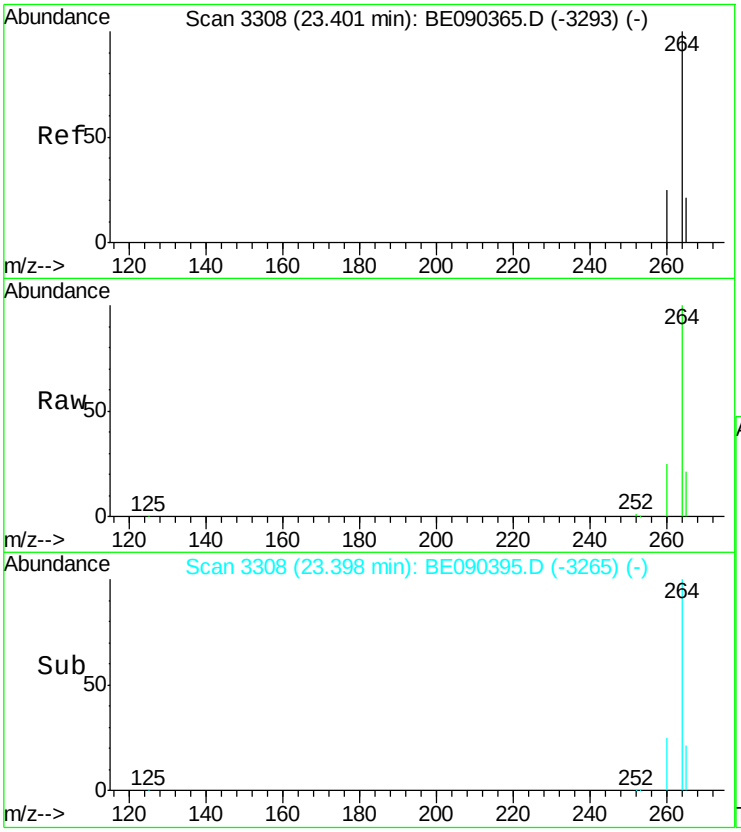


#31
Indeno(1,2,3-cd)pyrene
Concen: 0.25 ng
RT: 25.81 min Scan# 3834
Delta R.T. 0.02 min
Lab File: BE090395.D
Acq: 7 Aug 2015 13:38

Tgt Ion:276 Resp: 36

Ion	Ratio	Lower	Upper
276	100		
138	25.0	18.8	28.2
277	36.1	18.2	27.4#



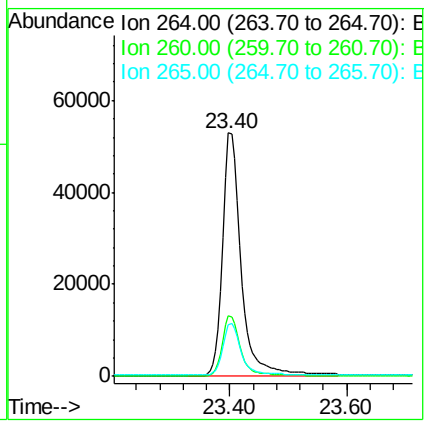


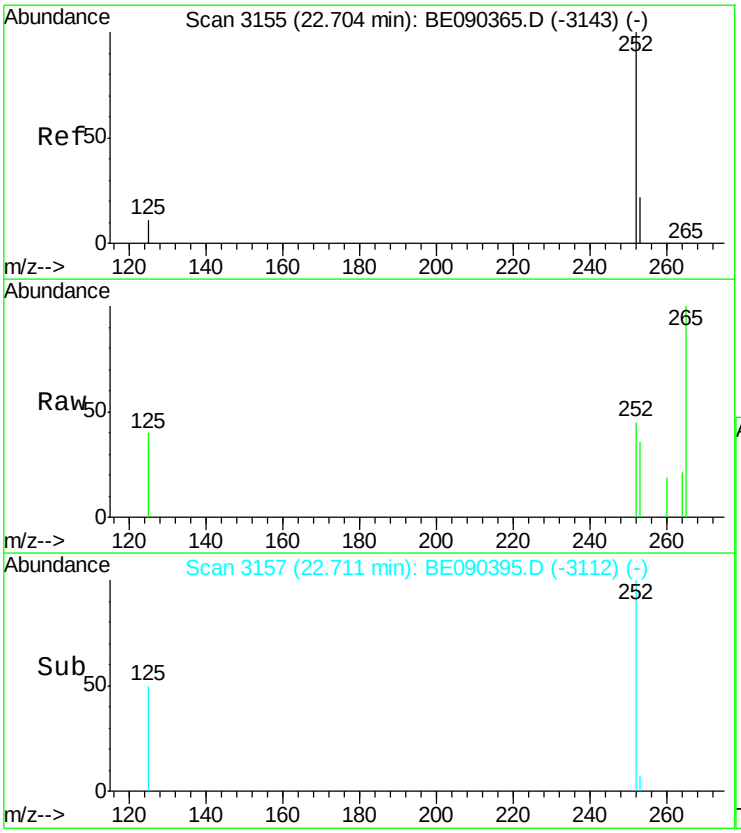
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. -0.00 min
Lab File: BE090395.D
Acq: 7 Aug 2015 13:38

Instrument :
BNA_E
ClientSampleId :
PB84854BL

Tgt Ion:264 Resp: 115960

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	21.4	17.2	25.8

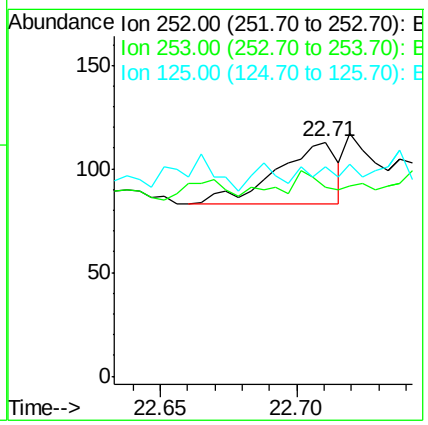


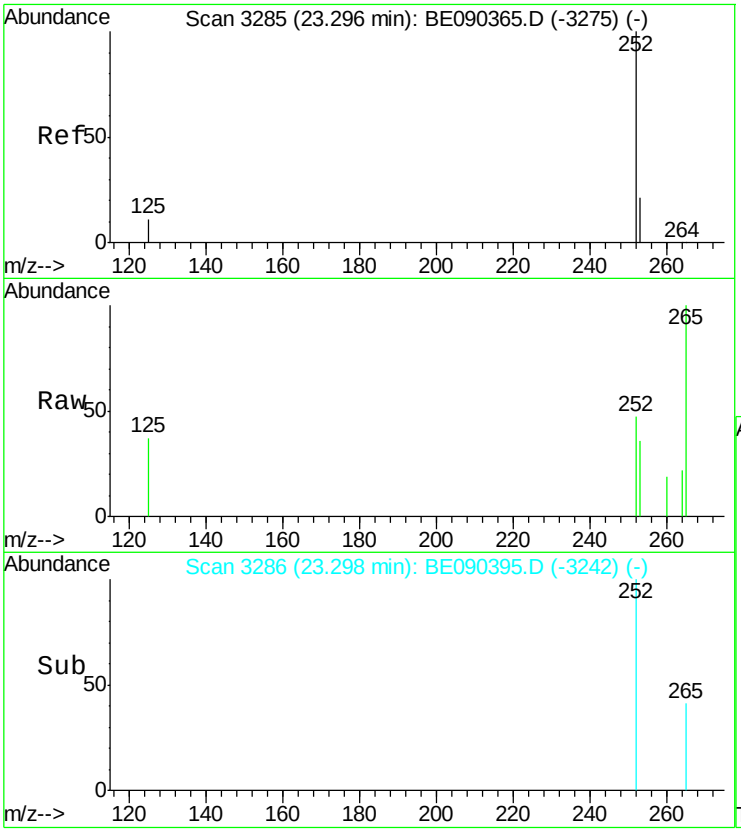


#33
Benzo(b)fluoranthene
Concen: 0.19 ng
RT: 22.71 min Scan# 3157
Delta R.T. 0.01 min
Lab File: BE090395.D
Acq: 7 Aug 2015 13:38

Tgt Ion:252 Resp: 46

Ion	Ratio	Lower	Upper
252	100		
253	80.5	18.1	27.1#
125	89.4	9.4	14.2#



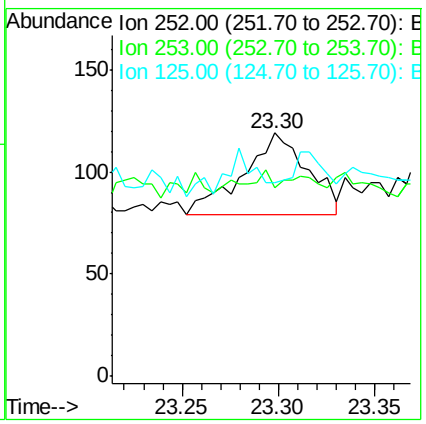


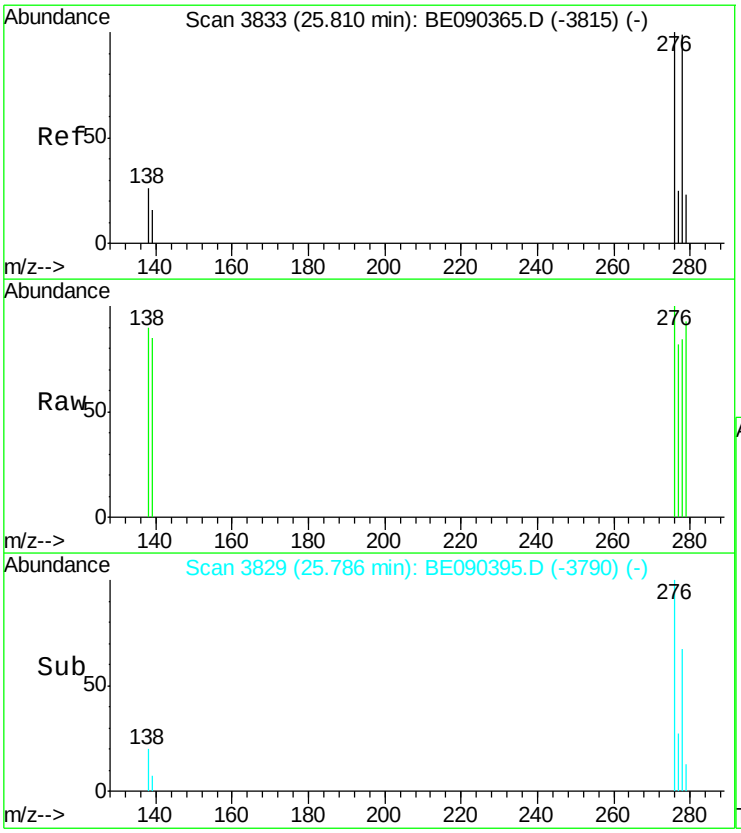
#35
Benzo(a)pyrene
Concen: 0.23 ng
RT: 23.30 min Scan# 3286
Delta R.T. 0.00 min
Lab File: BE090395.D
Acq: 7 Aug 2015 13:38

Instrument :
BNA_E
ClientSampleId :
PB84854BL

Tgt Ion:252 Resp: 93

Ion	Ratio	Lower	Upper
252	100		
253	77.3	17.6	26.4#
125	79.8	9.8	14.6#





#36
Dibenzo(a,h)anthracene
Concen: 0.28 ng
RT: 25.79 min Scan# 3829
Delta R.T. -0.02 min
Lab File: BE090395.D
Acq: 7 Aug 2015 13:38

Tgt Ion:278 Resp: 7

Ion	Ratio	Lower	Upper
278	100		
139	101.8	14.2	21.4#
279	110.7	20.1	30.1#