Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081115\
Data File : BE090432.D
Acq On : 11 Aug 2015 17:33
Operator : UM/IZ
Sample : PB84961BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB84961BSD

Quant Time: Aug 12 04:14:11 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	21858	5.00	ng		0.00
6) Naphthalene-d8	10.34	136	102517	5.00	ng		0.00
12) Acenaphthene-d10	14.19	164	59568	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	138640	5.00	ng		0.00
25) Chrysene-d12	21.09	240	165302	5.00	ng		0.00
32) Perylene-d12	23.40	264	144113	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	35007	10.67	ng		0.00
5) Phenol-d6	6.76	99	56057	7.88	ng		-0.01
7) Nitrobenzene-d5	8.72	82	27928	3.41	ng		0.00
13) 2,4,6-Tribromophenol	15.69	330	16010	8.52	ng		-0.02
14) 2-Fluorobiphenyl	12.82	172	62882	3.84	ng		0.00
27) Terphenyl-d14	19.55	244	100028	4.11	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	9983	3.85	ng		98
3) n-Nitrosodimethylamine	3.49	42	12806	3.79	ng	#	82
8) Nitrobenzene	8.76	77	30555	3.49	ng		97
9) Naphthalene	10.38	128	80389	3.55	ng		98
10) Hexachlorobutadiene	10.68	225	13377	3.89	ng		99
11) 2-Methylnaphthalene	12.01	142	53918	4.11	ng		96
15) Acenaphthylene	13.91	152	381484	3.95	ng		100
16) Acenaphthene	14.26	154	56069	3.74	ng		89
17) Fluorene	15.26	166	75583	3.88	ng		97
19) 4-Bromophenyl-phenylether	16.14	248	21305	3.95	ng		94
20) Hexachlorobenzene	16.26	284	94031	3.38	ng		99
21) Pentachlorophenol	16.60	266	15151	7.27	ng		90
22) Phenanthrene	16.98	178	130960	3.77	ng		100
23) Anthracene	17.07	178	124240	4.36	ng		100
24) Fluoranthene	18.98	202	146245	4.28	ng		99
26) Pyrene	19.34	202	159255	4.44	ng		99
28) Benzo(a)anthracene	21.08	228	149757	4.09	ng		99
29) Chrysene	21.13	228	159626	3.60	ng		97
30) Bis(2-ethylhexyl)phthalate	21.03	149	57276	4.50	ng		98
31) Indeno(1,2,3-cd)pyrene	25.78	276	133511	3.42	ng		95
33) Benzo(b)fluoranthene	22.70	252	125744	3.90	ng		99
34) Benzo(k)fluoranthene	22.74	252	145615	3.63	ng		99
35) Benzo(a)pyrene	23.29	252	117090	3.86	ng		99
36) Dibenzo(a,h)anthracene	25.80	278	106070	3.60	ng		97
37) Benzo(g,h,i)perylene	26.51	276	117589	4.42	ng		98

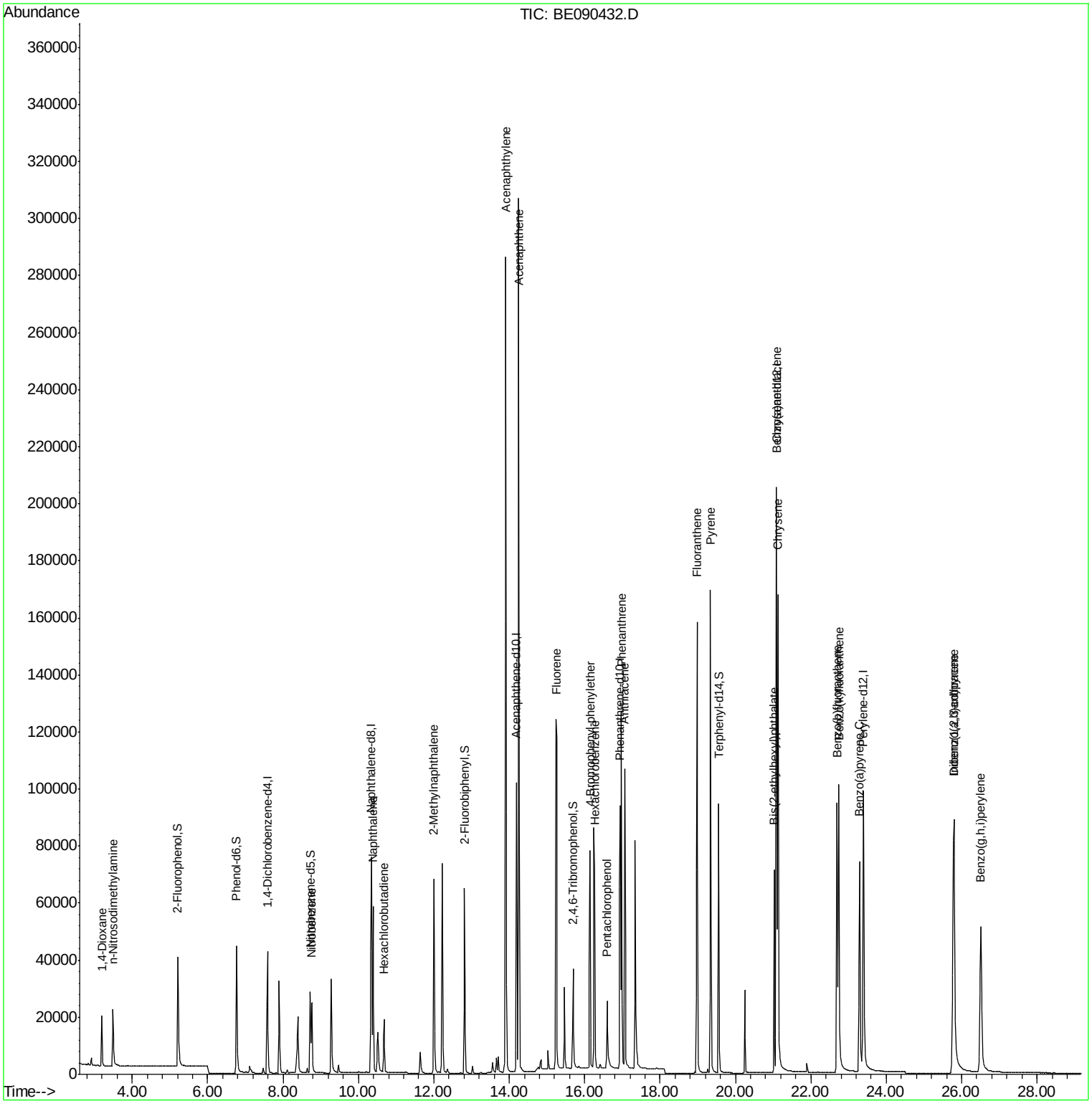
(#) = qualifier out of range (m) = manual integration (+) = signals summed

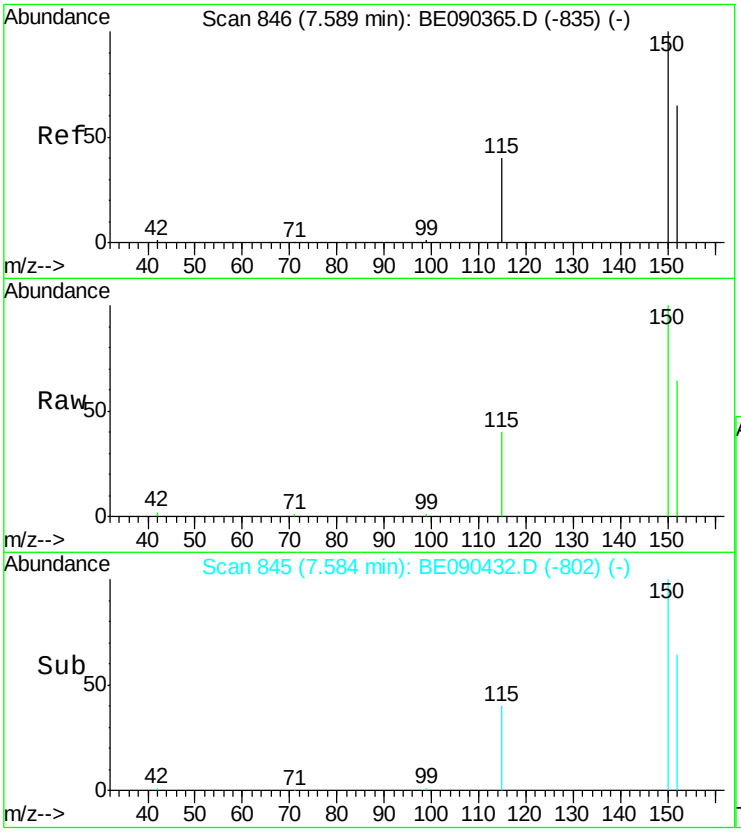
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081115\
Data File : BE090432.D
Acq On : 11 Aug 2015 17:33
Operator : UM/IZ
Sample : PB84961BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB84961BSD

Quant Time: Aug 12 04:14:11 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



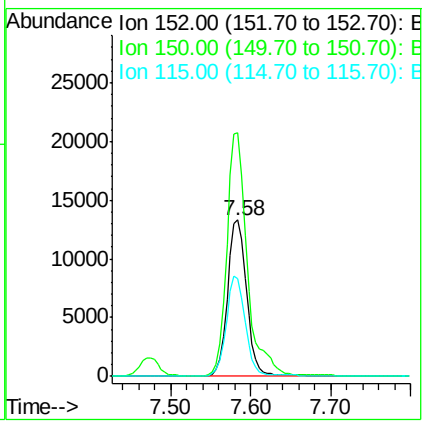


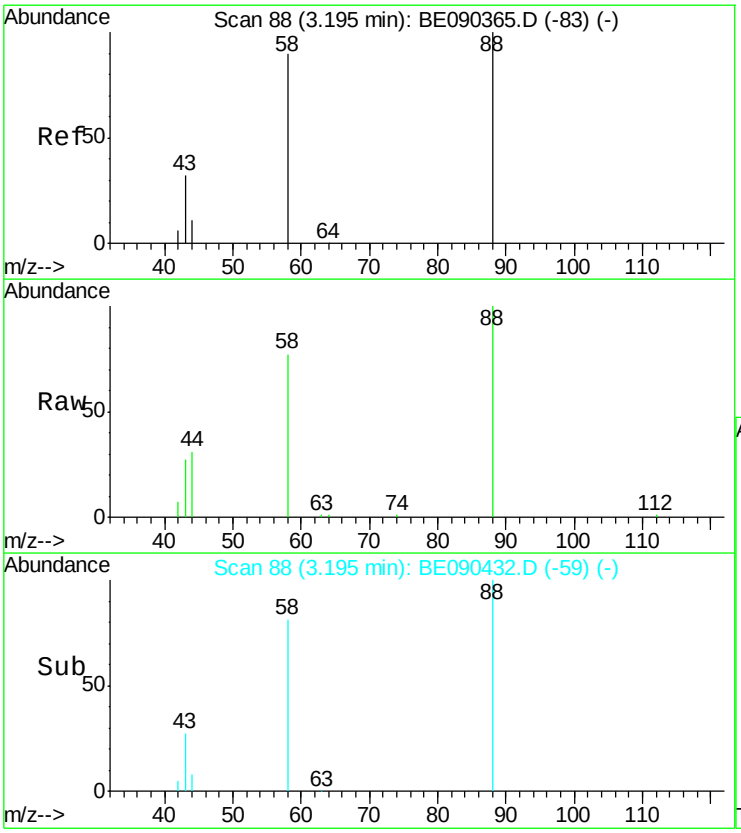
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
PB84961BSD

Tgt Ion:152 Resp: 21858

Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.0	184.4
115	62.8	48.9	73.3

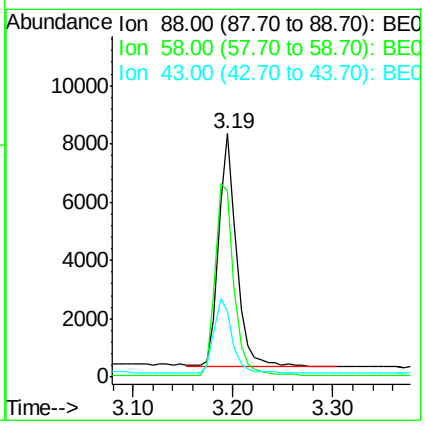


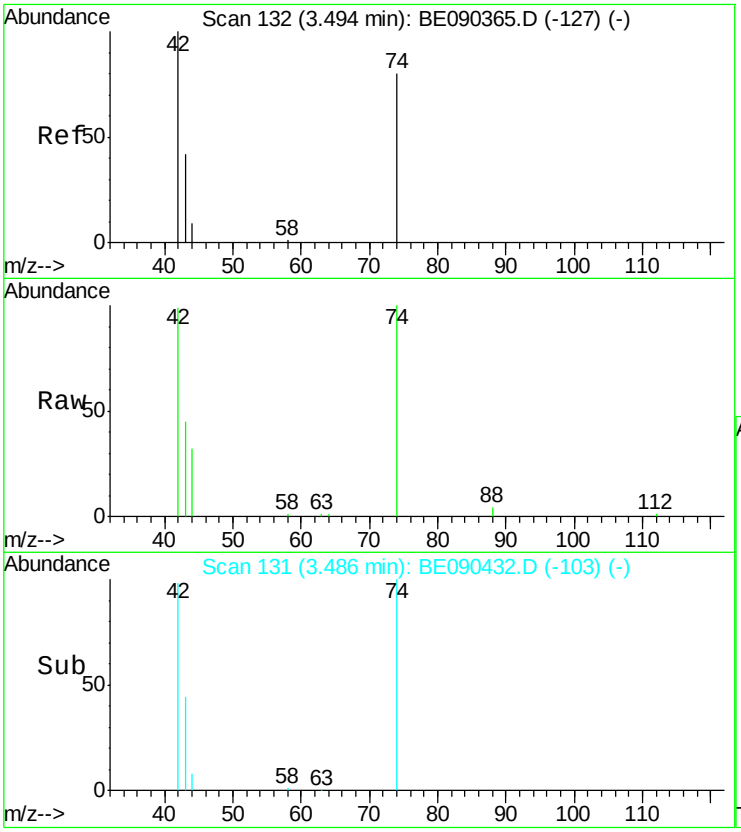


#2
1,4-Dioxane
Concen: 3.85 ng
RT: 3.19 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Tgt Ion: 88 Resp: 9983

Ion	Ratio	Lower	Upper
88	100		
58	87.0	70.0	105.0
43	32.0	28.4	42.6



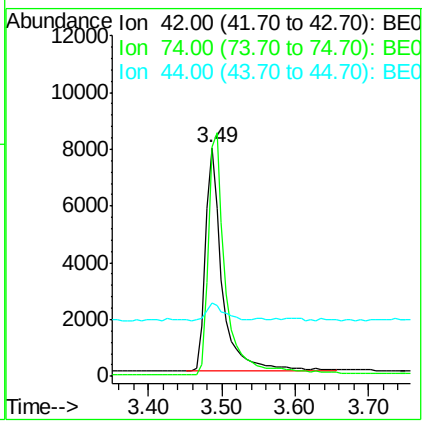


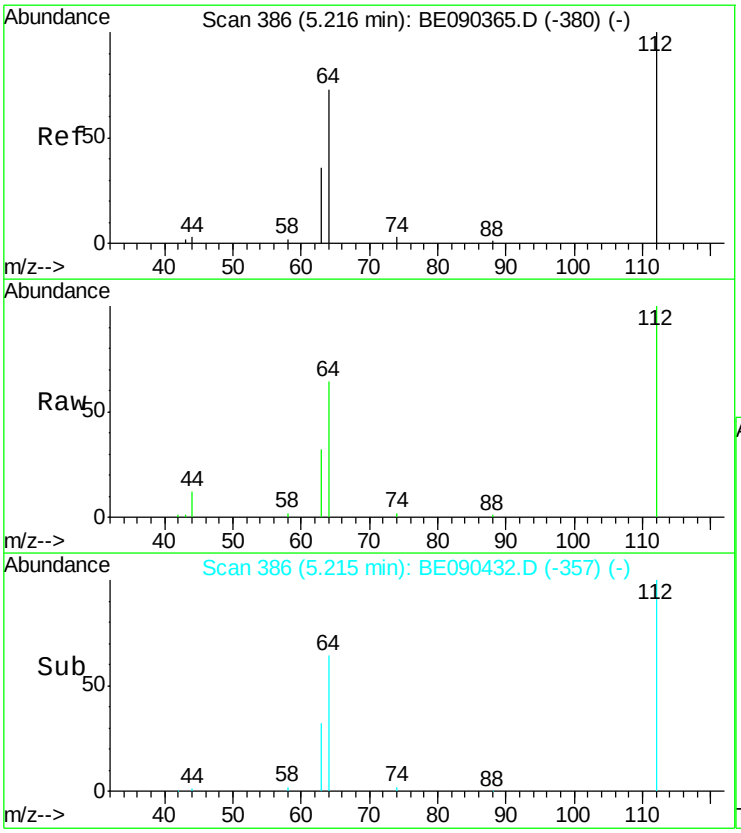
#3
n-Nitrosodimethylamine
Concen: 3.79 ng
RT: 3.49 min Scan# 131
Delta R.T. -0.01 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
PB84961BSD

Tgt Ion: 42 Resp: 12806

Ion	Ratio	Lower	Upper
42	100		
74	112.4	75.2	112.8
44	8.4	8.7	13.1#

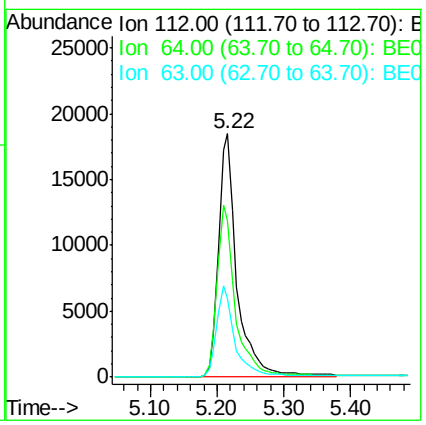


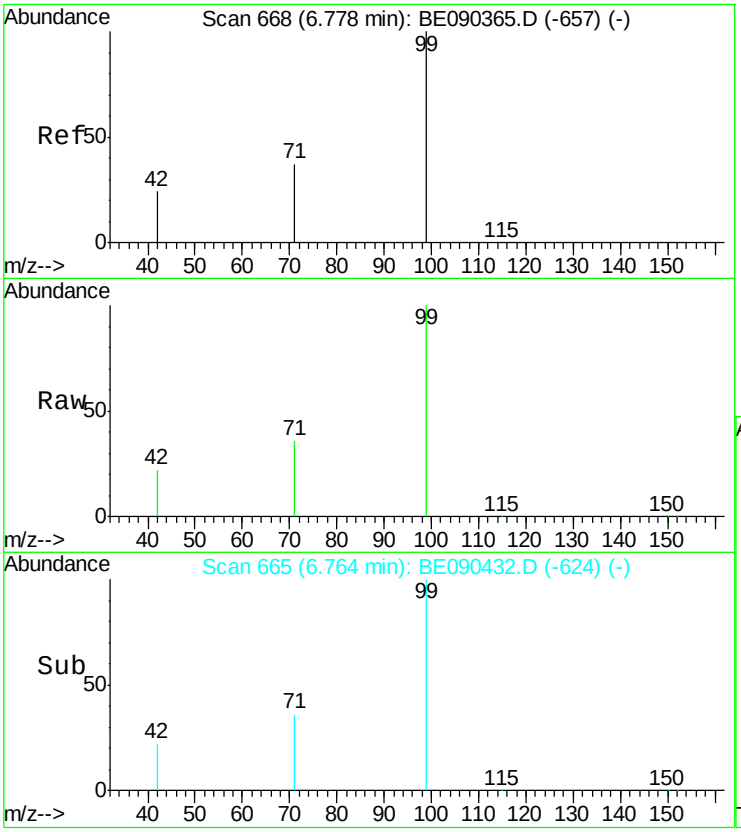


#4
2-Fluorophenol
Concen: 10.67 ng
RT: 5.22 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Tgt Ion:112 Resp: 35007

Ion	Ratio	Lower	Upper
112	100		
64	70.4	37.1	55.7#
63	36.4	19.5	29.3#



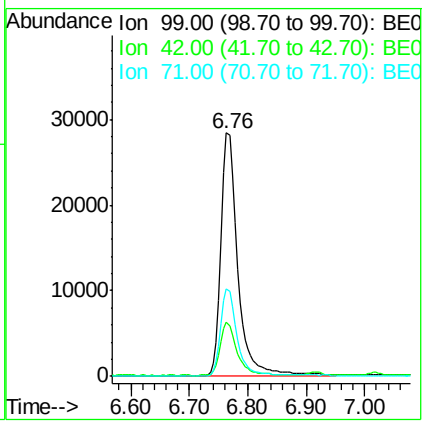


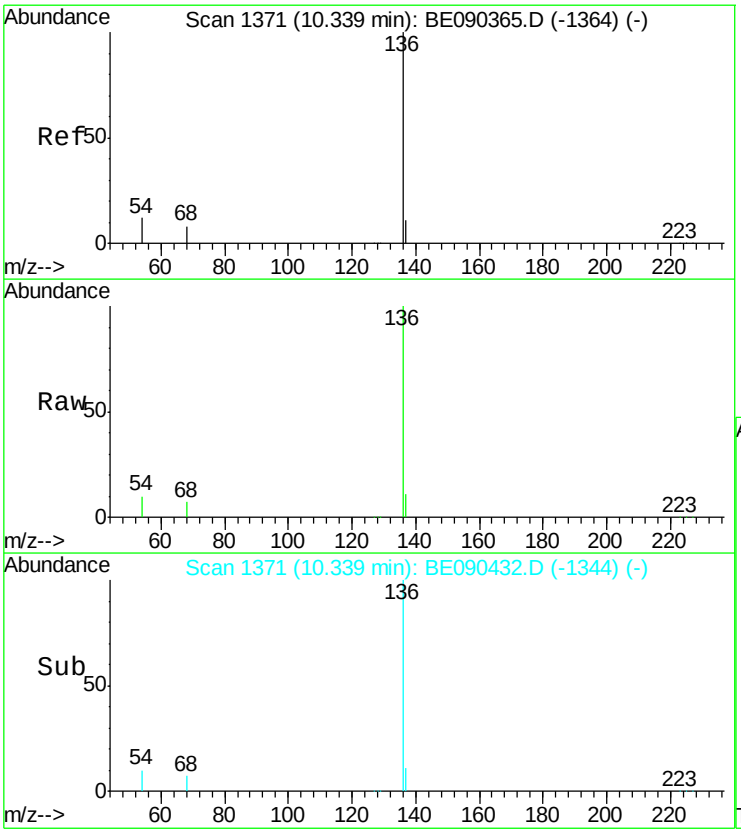
#5
Phenol-d6
Concen: 7.88 ng
RT: 6.76 min Scan# 665
Delta R.T. -0.01 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
PB84961BSD

Tgt Ion: 99 Resp: 56057

Ion	Ratio	Lower	Upper
99	100		
42	21.9	18.2	27.4
71	35.4	27.4	41.0

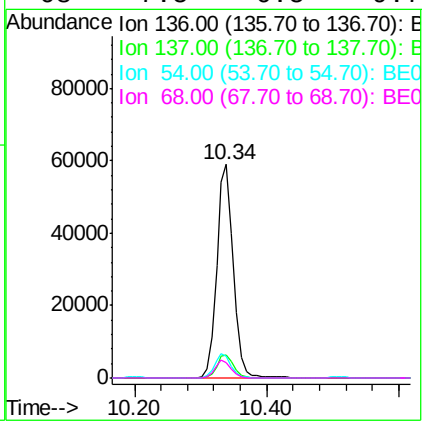


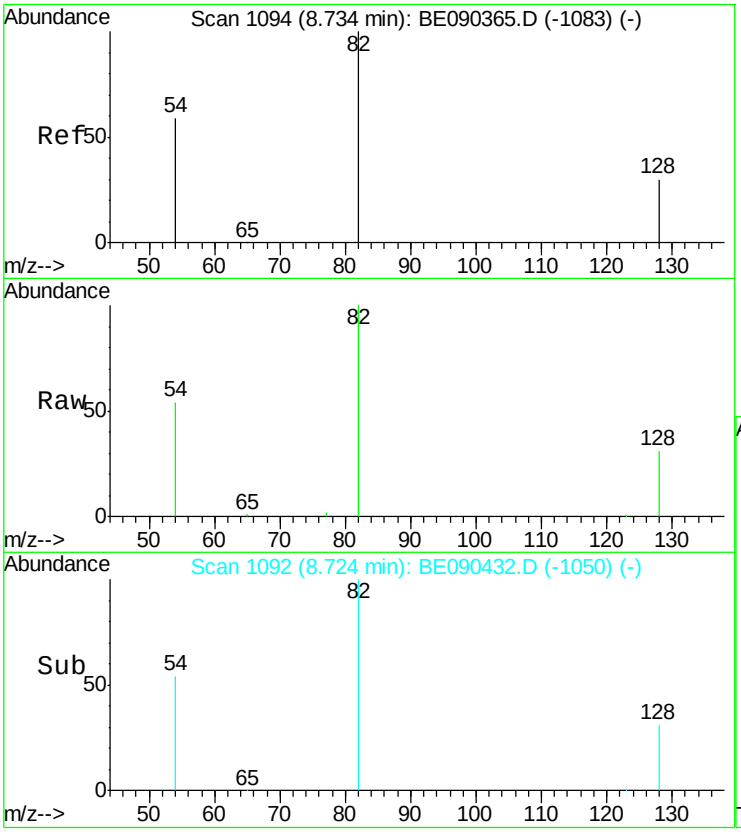


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Tgt Ion:136 Resp: 102517

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.1	9.4	14.0
68	7.5	6.5	9.7



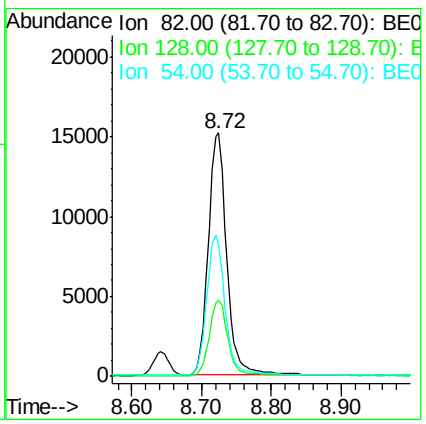


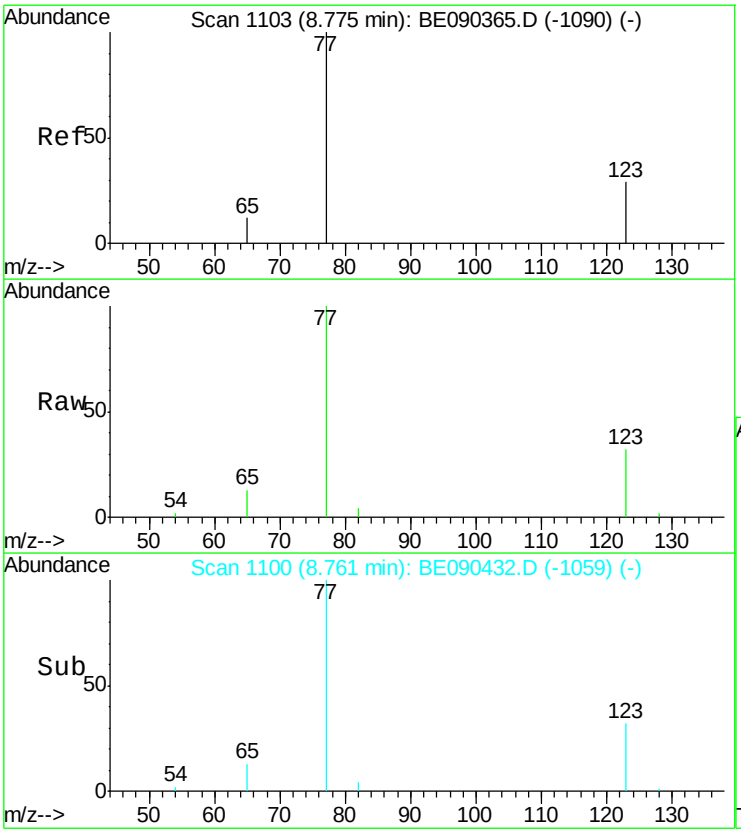
#7
Nitrobenzene-d5
Concen: 3.41 ng
RT: 8.72 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
PB84961BSD

Tgt Ion: 82 Resp: 27928

Ion	Ratio	Lower	Upper
82	100		
128	31.3	25.0	37.6
54	54.5	48.8	73.2

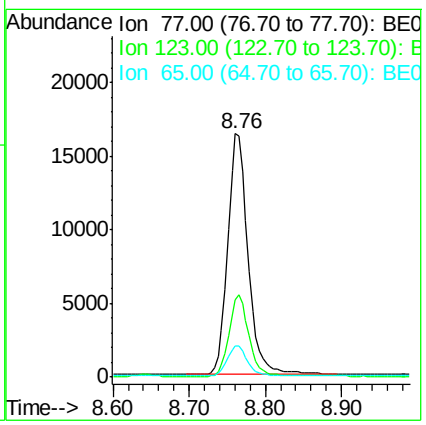


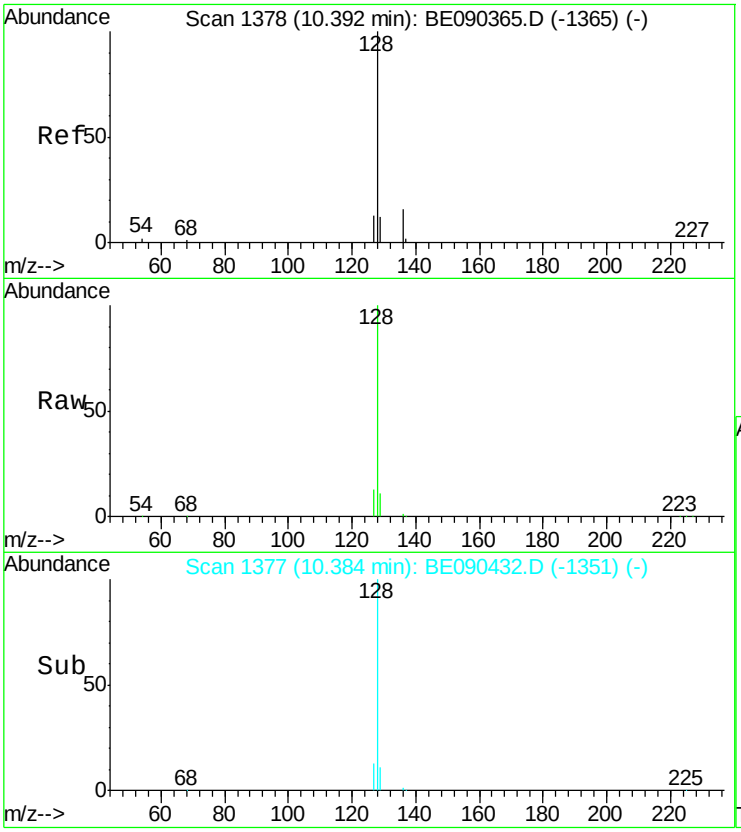


#8
Nitrobenzene
Concen: 3.49 ng
RT: 8.76 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Tgt Ion: 77 Resp: 30555

Ion	Ratio	Lower	Upper
77	100		
123	33.2	25.1	37.7
65	12.6	9.3	13.9



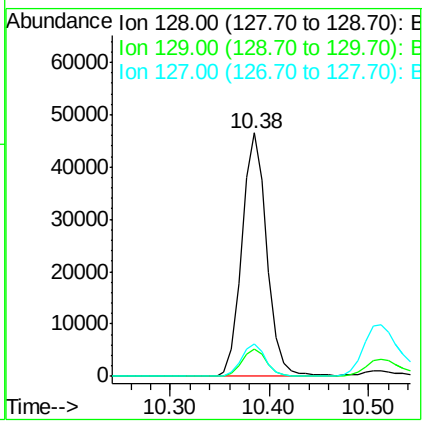


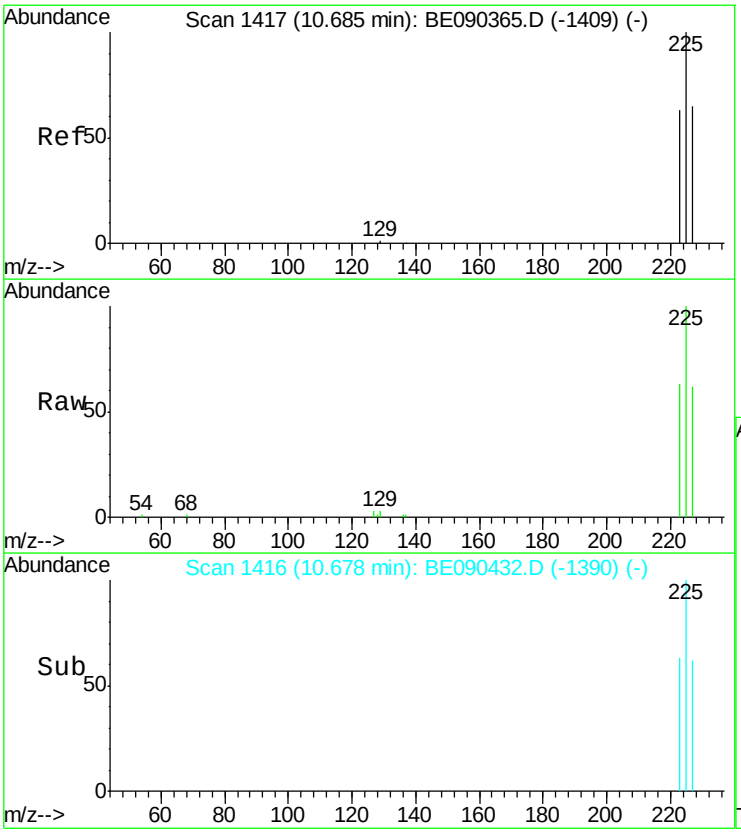
#9
Naphthalene
Concen: 3.55 ng
RT: 10.38 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
PB84961BSD

Tgt Ion:128 Resp: 80389

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.8	14.6
127	13.1	10.6	16.0

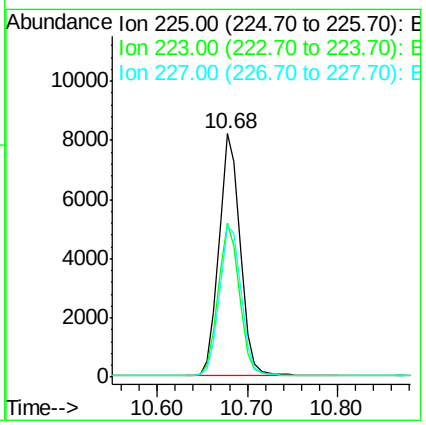


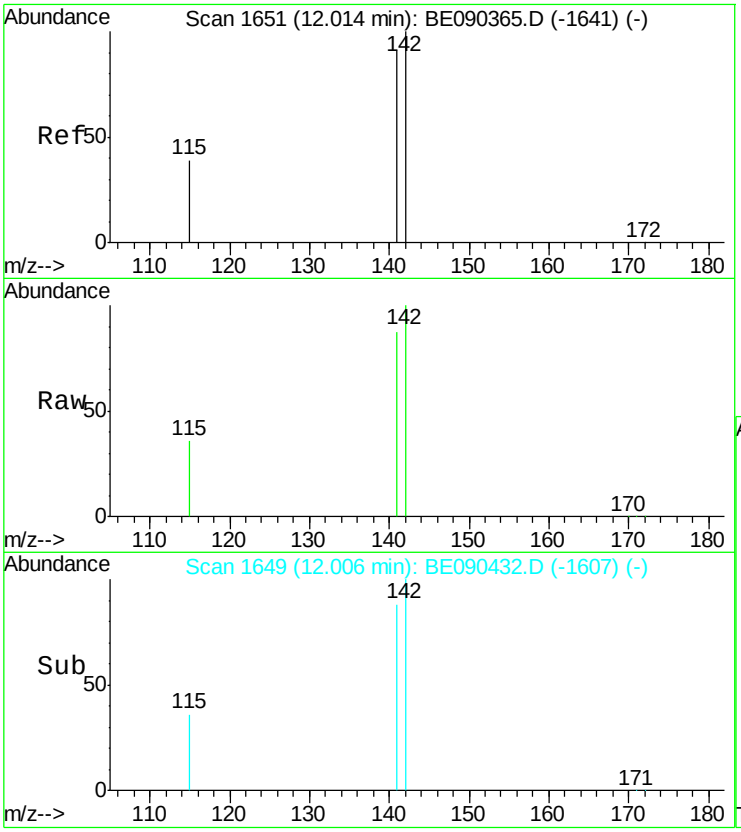


#10
Hexachlorobutadiene
Concen: 3.89 ng
RT: 10.68 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Tgt Ion:225 Resp: 13377

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	75.8
227	63.9	50.7	76.1



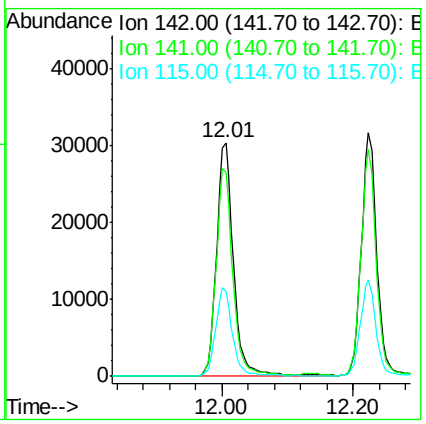


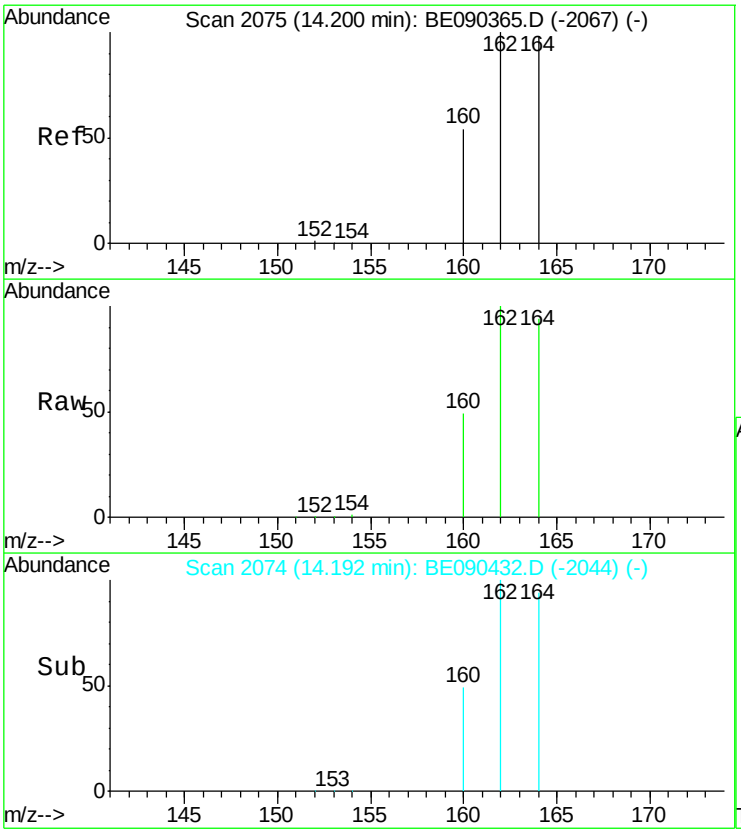
#11
2-Methylnaphthalene
Concen: 4.11 ng
RT: 12.01 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
PB84961BSD

Tgt Ion:142 Resp: 53918

Ion	Ratio	Lower	Upper
142	100		
141	87.4	72.6	109.0
115	36.4	31.6	47.4

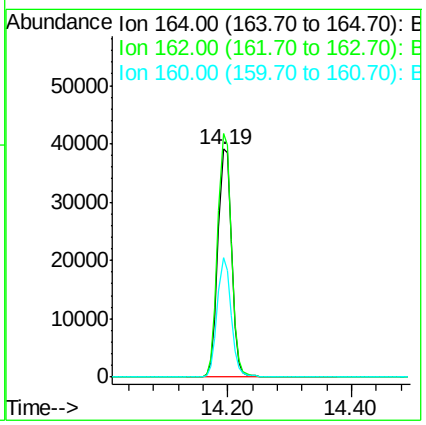


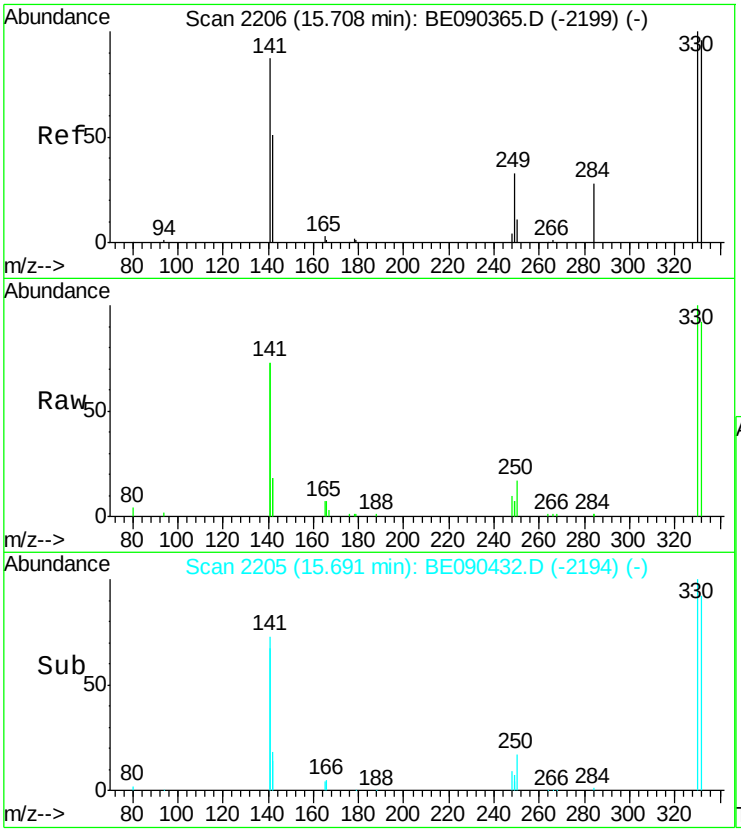


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Tgt Ion:164 Resp: 59568

Ion	Ratio	Lower	Upper
164	100		
162	106.9	81.8	122.8
160	52.2	44.2	66.4



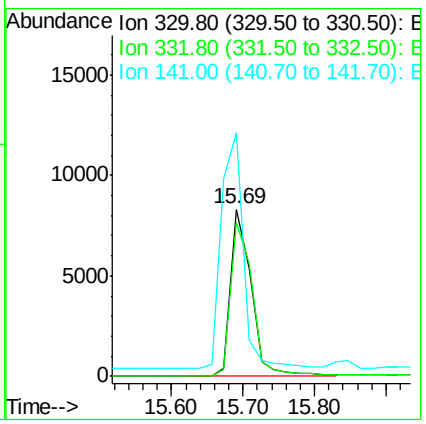


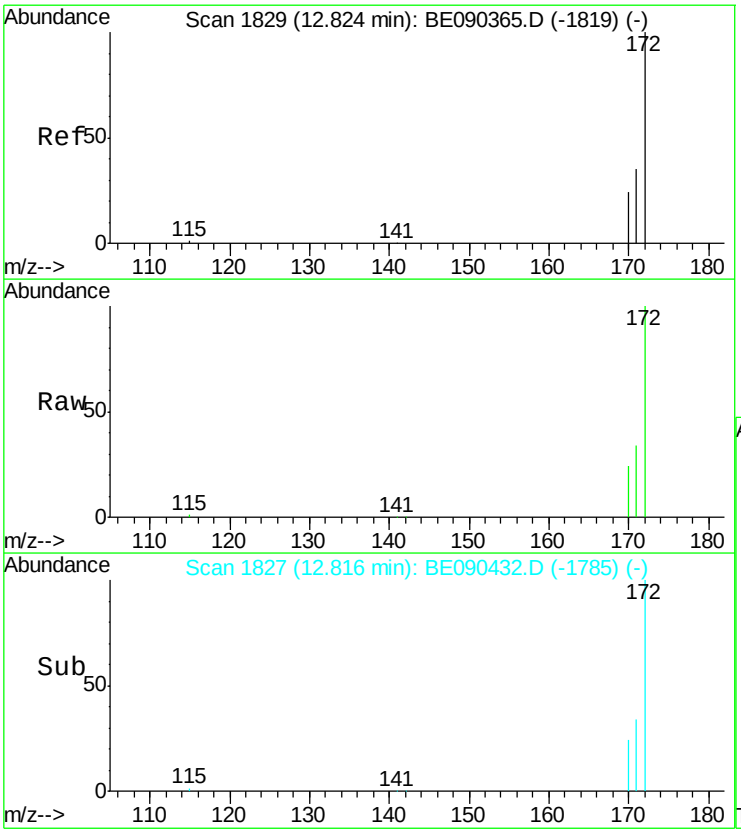
#13
2,4,6-Tribromophenol
Concen: 8.52 ng
RT: 15.69 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
PB84961BSD

Tgt Ion:330 Resp: 16010

Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.8	113.6
141	157.8	114.4	171.6

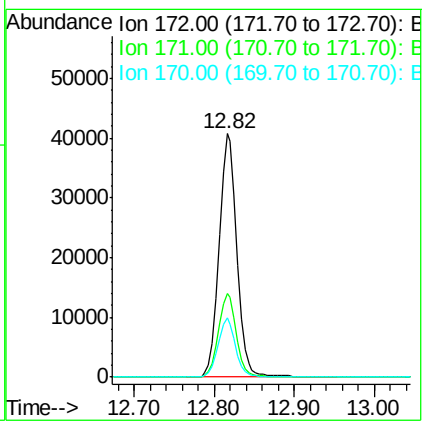


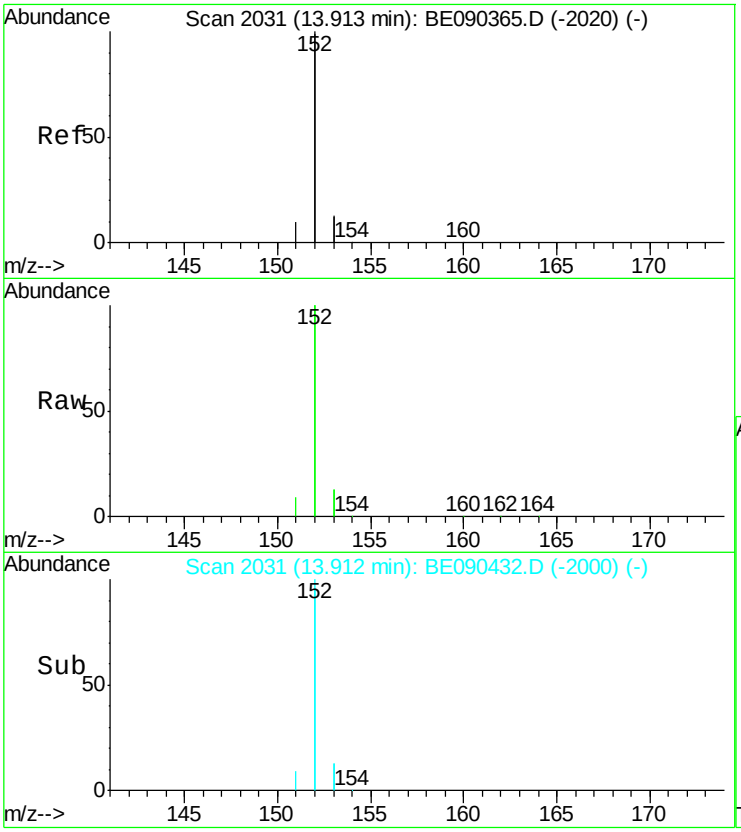


#14
2-Fluorobiphenyl
Concen: 3.84 ng
RT: 12.82 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Tgt Ion:172 Resp: 62882

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.5	42.7
170	24.2	19.8	29.8



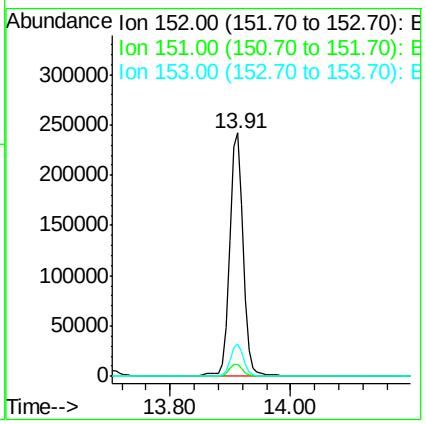


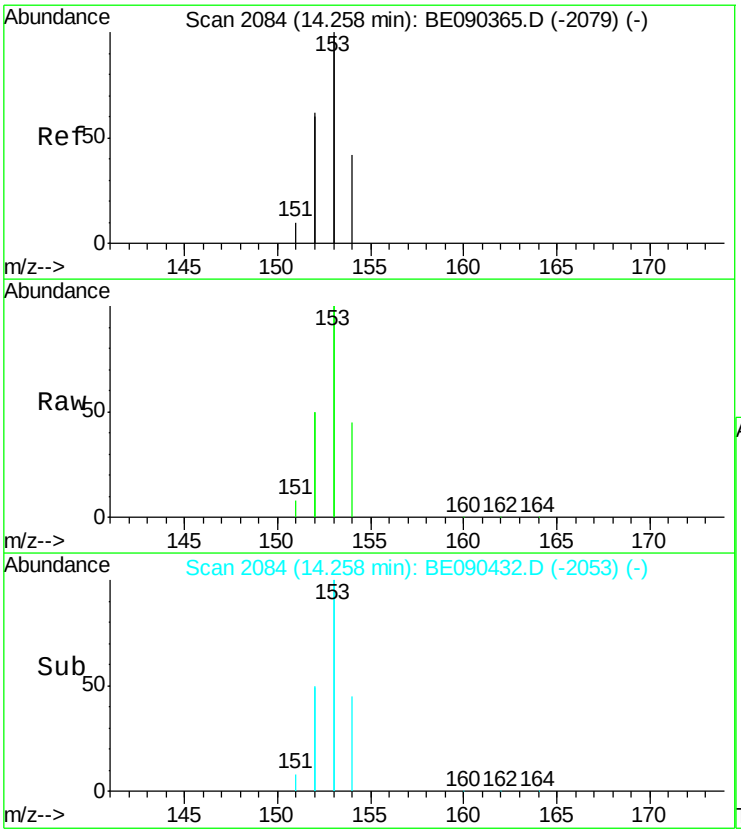
#15
Acenaphthylene
Concen: 3.95 ng
RT: 13.91 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
PB84961BSD

Tgt Ion:152 Resp: 381484

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.8	5.8
153	13.0	10.3	15.5

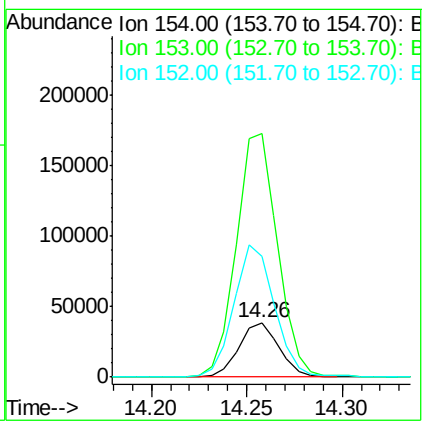


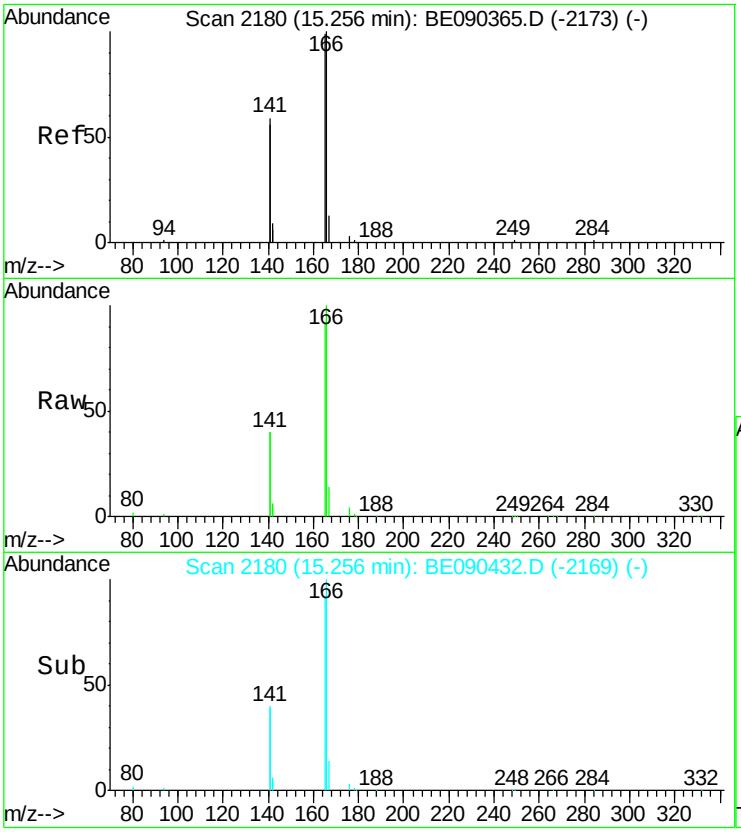


#16
Acenaphthene
Concen: 3.74 ng
RT: 14.26 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Tgt Ion:154 Resp: 56069

Ion	Ratio	Lower	Upper
154	100		
153	462.2	376.2	564.2
152	246.3	235.0	352.4



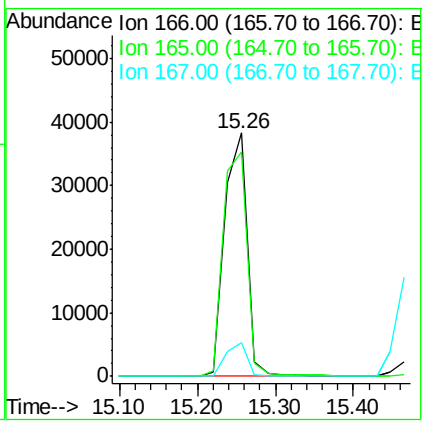


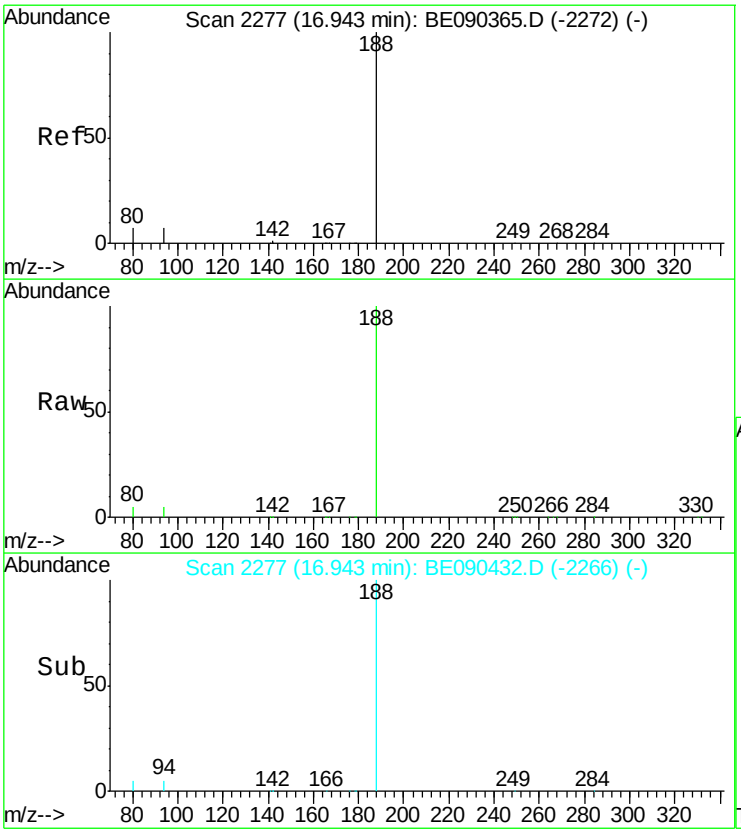
#17
Fluorene
Concen: 3.88 ng
RT: 15.26 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
PB84961BSD

Tgt Ion:166 Resp: 75583

Ion	Ratio	Lower	Upper
166	100		
165	98.5	81.5	122.3
167	13.3	11.4	17.0

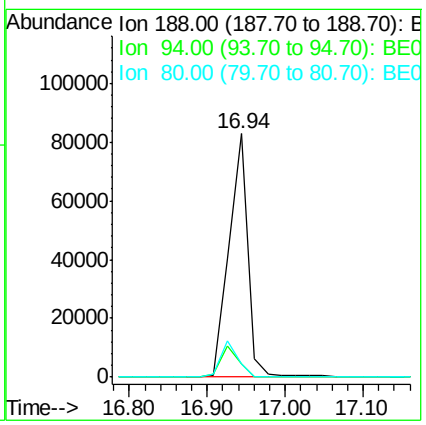


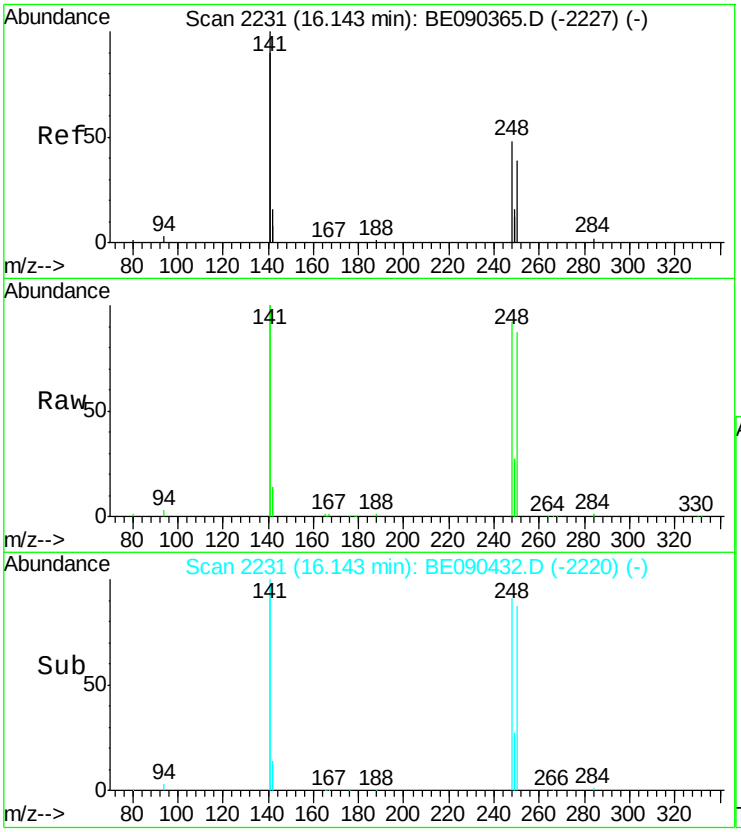


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Tgt Ion:188 Resp: 138640

Ion	Ratio	Lower	Upper
188	100		
94	5.3	5.7	8.5#
80	5.4	5.8	8.8#



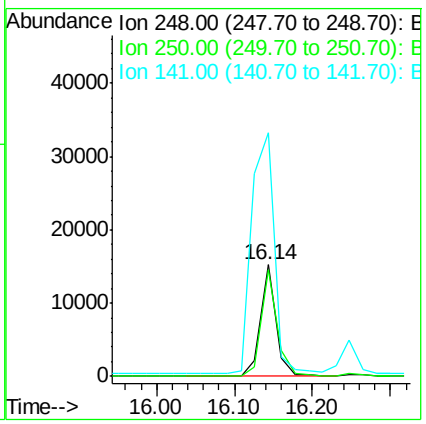


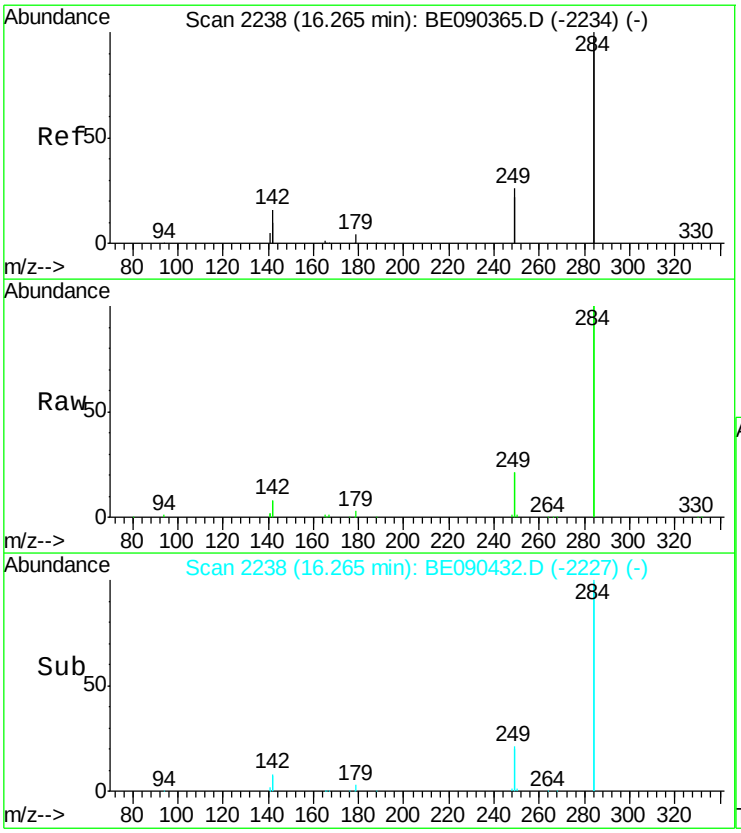
#19
4-Bromophenyl-phenylether
Concen: 3.95 ng
RT: 16.14 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
PB84961BSD

Tgt Ion:248 Resp: 21305

Ion	Ratio	Lower	Upper
248	100		
250	96.9	79.0	118.6
141	312.6	239.5	359.3

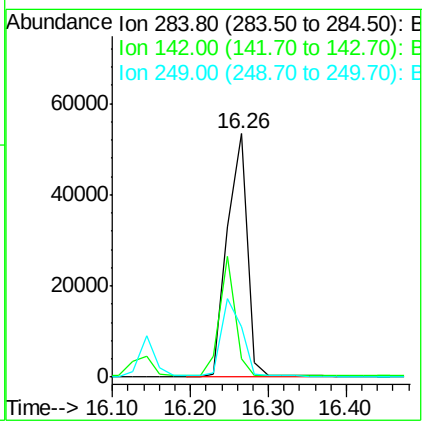


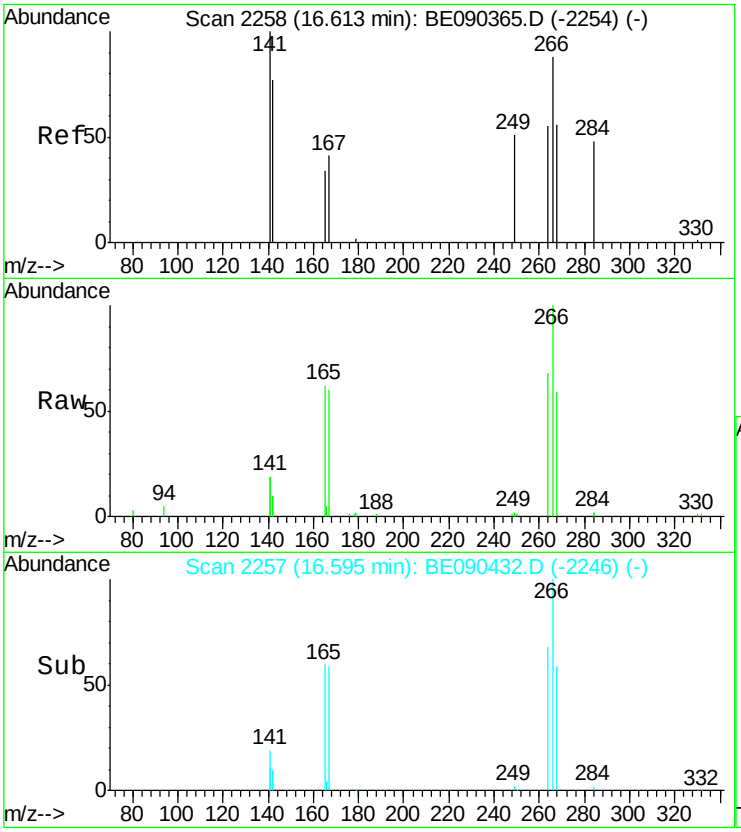


#20
Hexachlorobenzene
Concen: 3.38 ng
RT: 16.26 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Tgt Ion:284 Resp: 94031

Ion	Ratio	Lower	Upper
284	100		
142	38.7	30.1	45.1
249	32.2	25.7	38.5



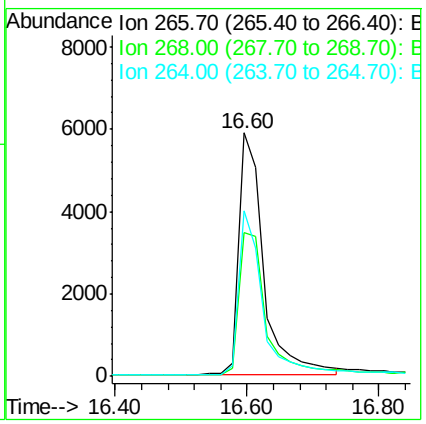


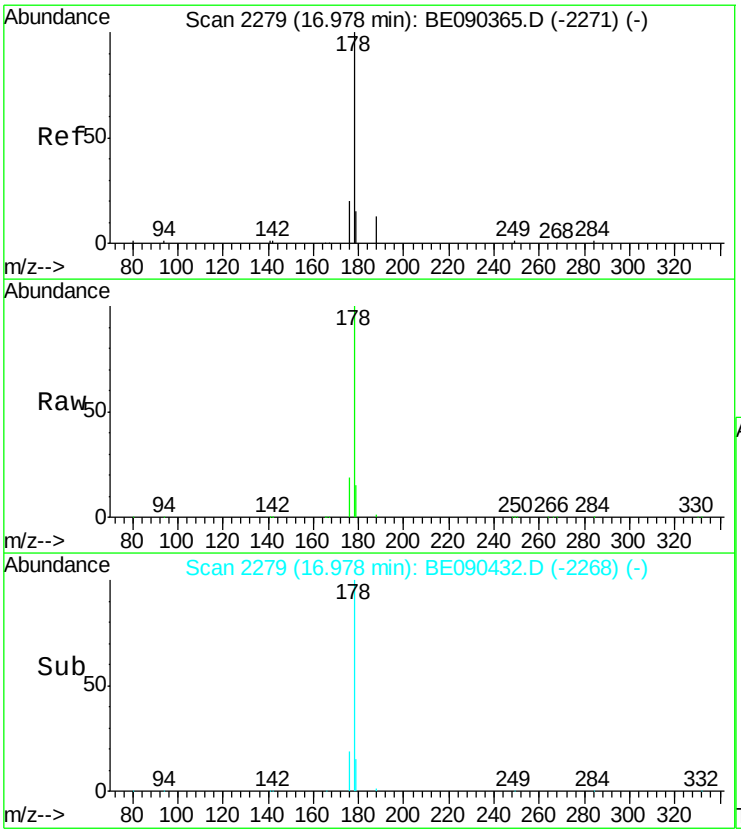
#21
Pentachlorophenol
Concen: 7.27 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
PB84961BSD

Tgt Ion:266 Resp: 15151

Ion	Ratio	Lower	Upper
266	100		
268	58.9	58.5	87.7
264	68.1	56.0	84.0

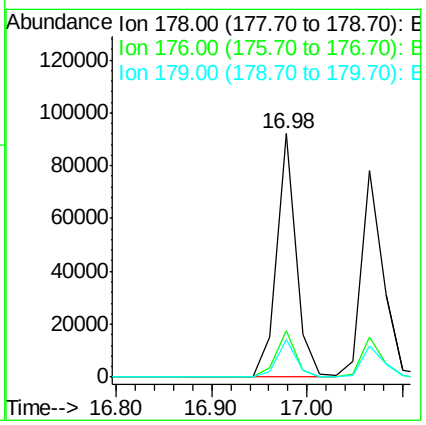


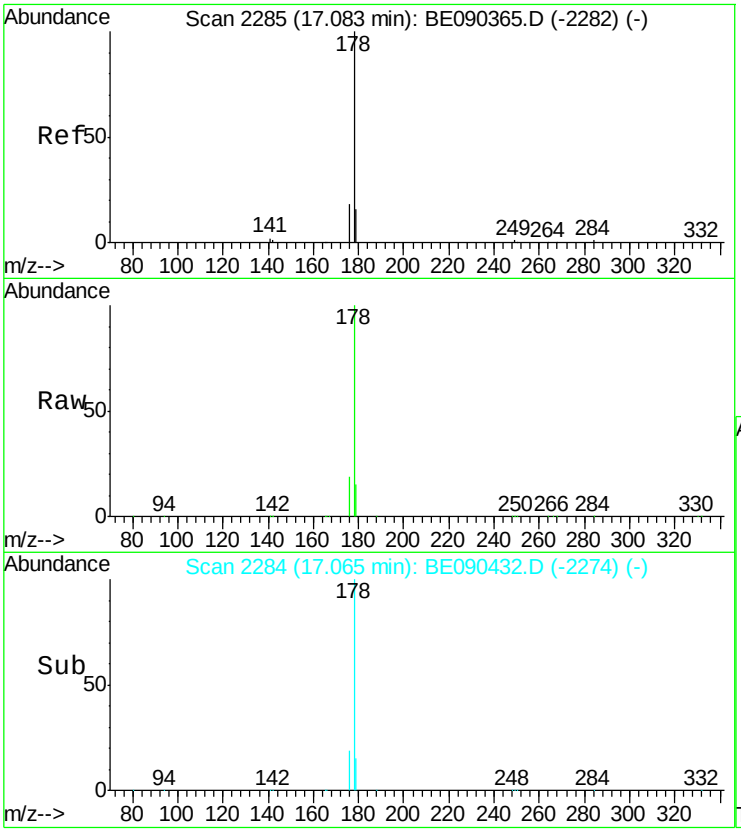


#22
Phenanthrene
Concen: 3.77 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Tgt Ion:178 Resp: 130960

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.4	12.5	18.7



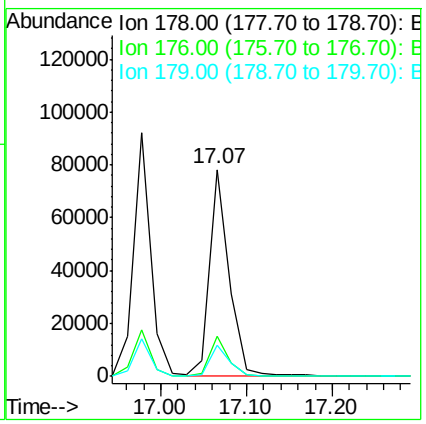


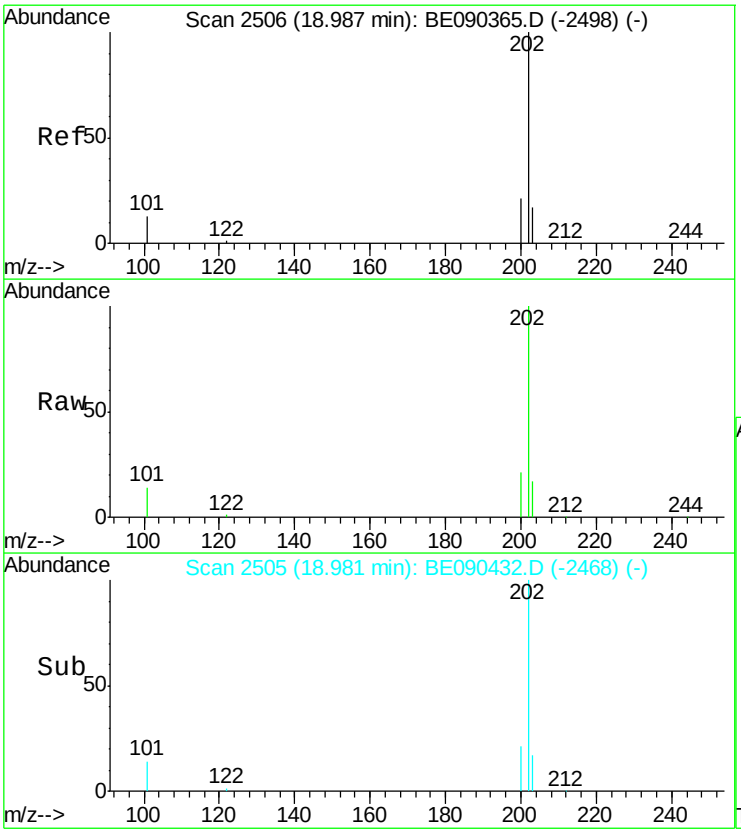
#23
Anthracene
Concen: 4.36 ng
RT: 17.07 min Scan# 2284
Delta R.T. -0.02 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
PB84961BSD

Tgt Ion:178 Resp: 124240

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.4	12.2	18.4

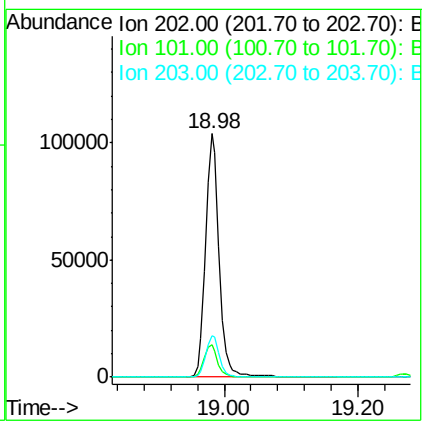


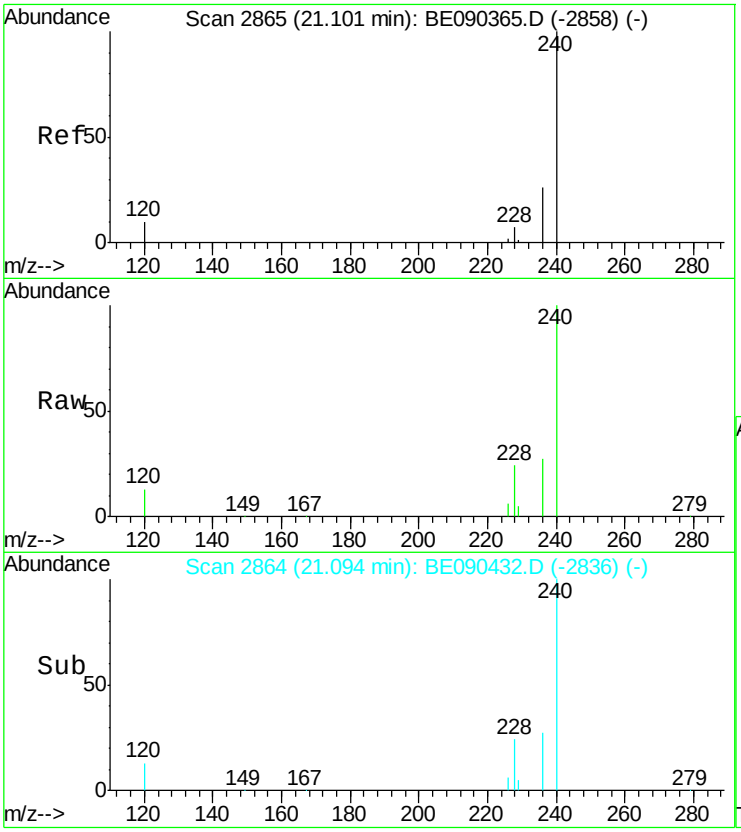


#24
Fluoranthene
Concen: 4.28 ng
RT: 18.98 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Tgt Ion:202 Resp: 146245

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.3	15.5
203	17.1	13.7	20.5



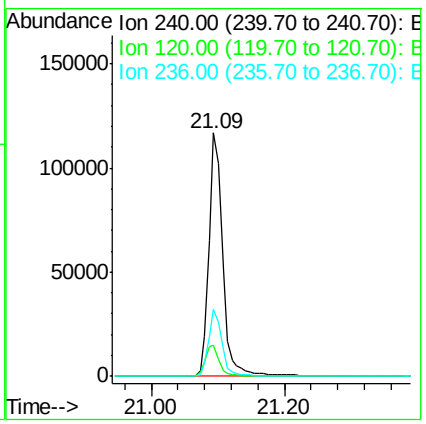


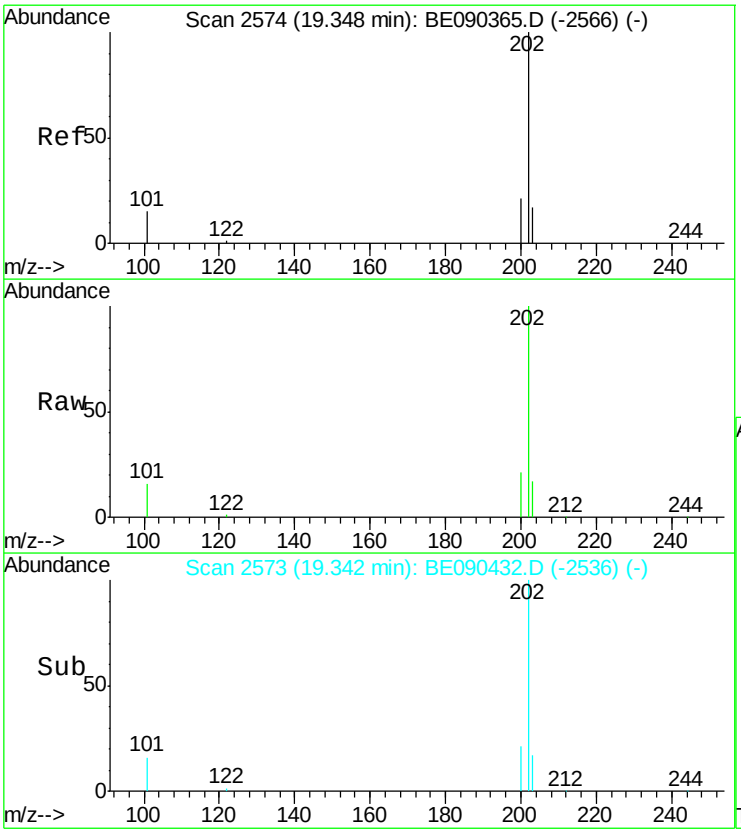
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
PB84961BSD

Tgt Ion:240 Resp: 165302

Ion	Ratio	Lower	Upper
240	100		
120	12.8	8.3	12.5#
236	27.4	21.0	31.4

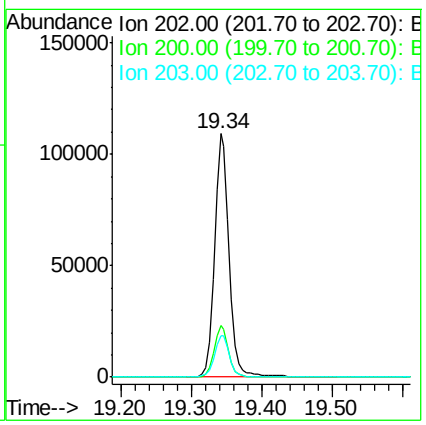


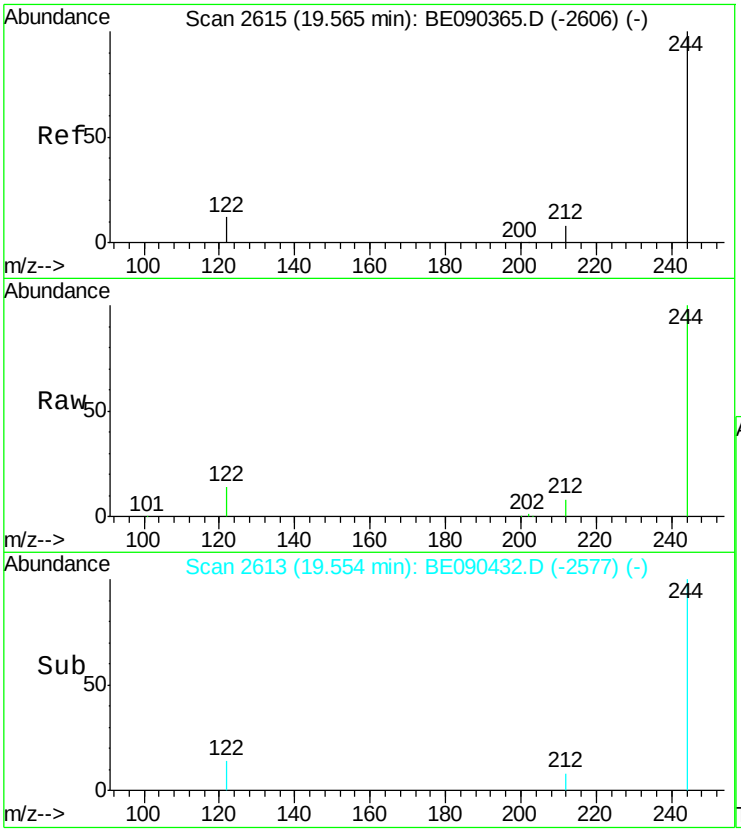


#26
Pyrene
Concen: 4.44 ng
RT: 19.34 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Tgt Ion:202 Resp: 159255

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	18.0	13.8	20.8



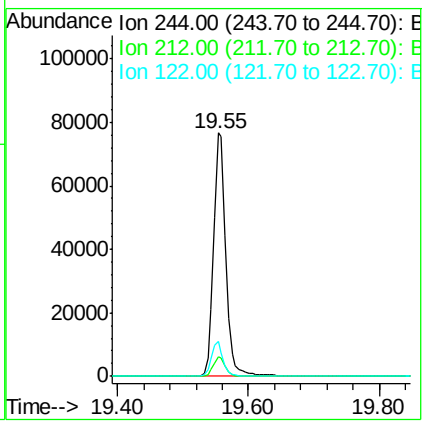


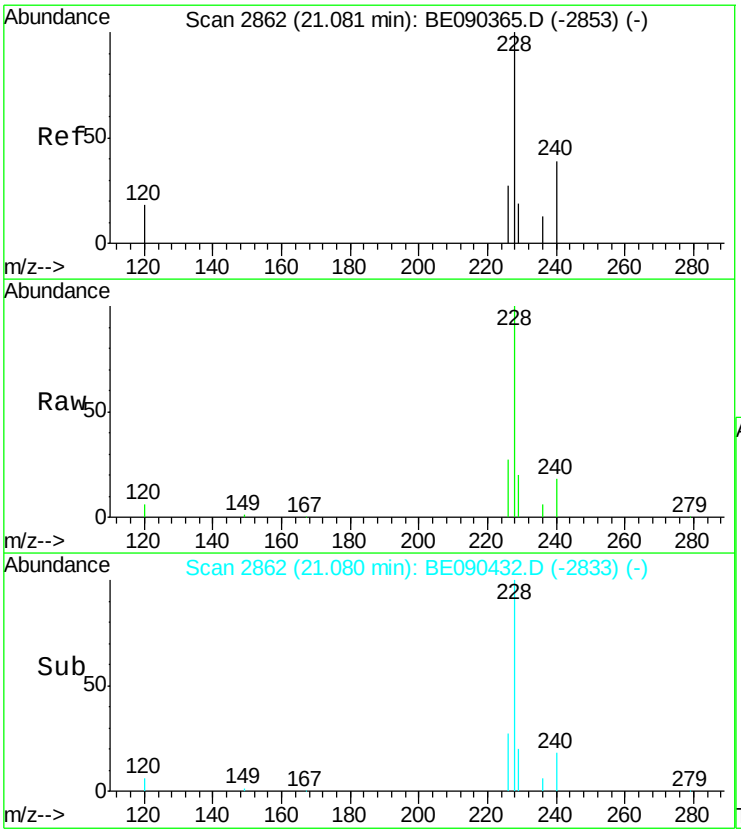
#27
Terphenyl-d14
Concen: 4.11 ng
RT: 19.55 min Scan# 2613
Delta R.T. -0.01 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
PB84961BSD

Tgt Ion:244 Resp: 100028

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	9.8
122	14.4	10.2	15.4

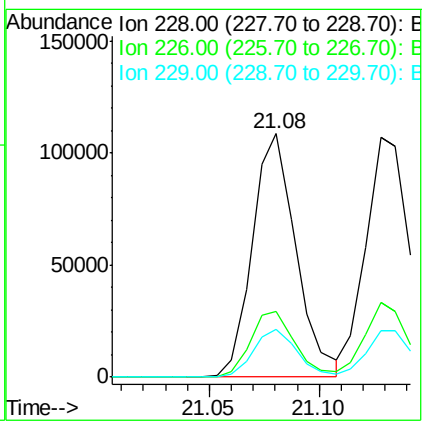


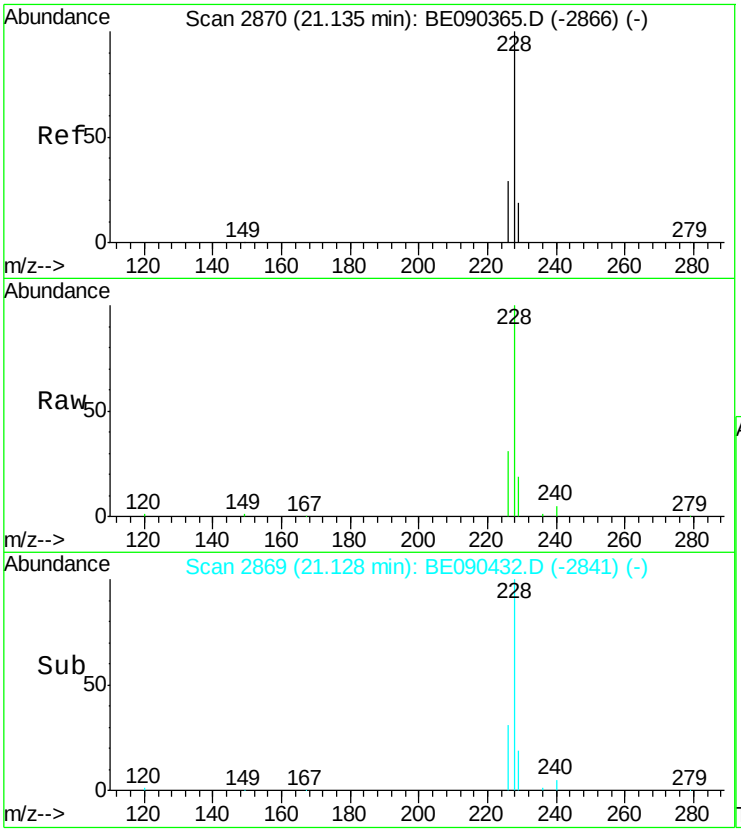


#28
Benzo(a)anthracene
Concen: 4.09 ng
RT: 21.08 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Tgt Ion:228 Resp: 149757

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.9	32.9
229	19.8	15.4	23.0



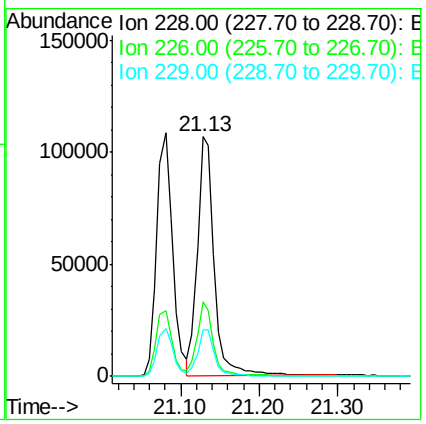


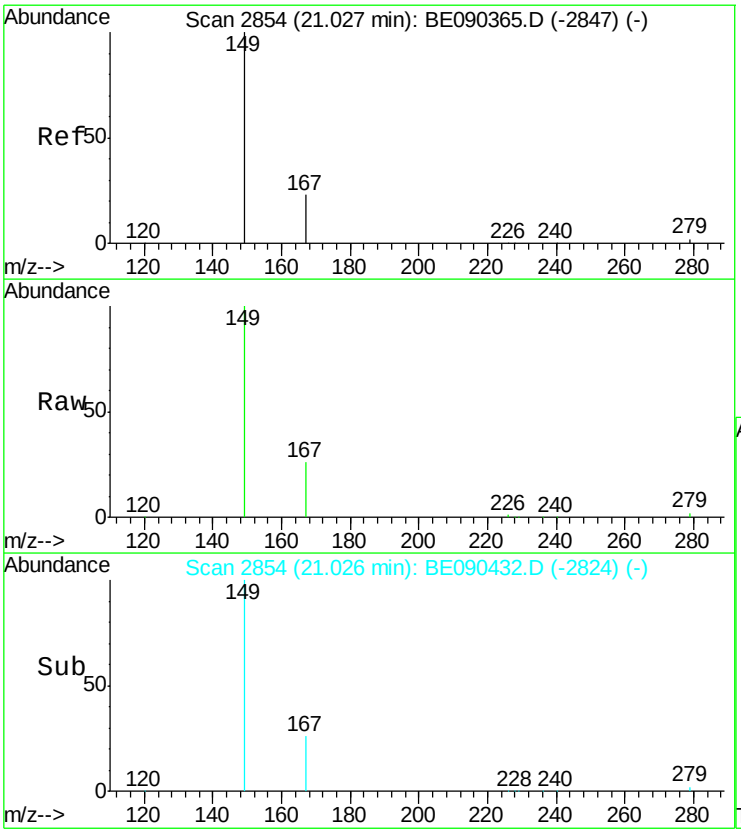
#29
Chrysene
Concen: 3.60 ng
RT: 21.13 min Scan# 2869
Delta R.T. -0.01 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
PB84961BSD

Tgt Ion:228 Resp: 159626

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.1	34.7
229	19.2	15.8	23.8

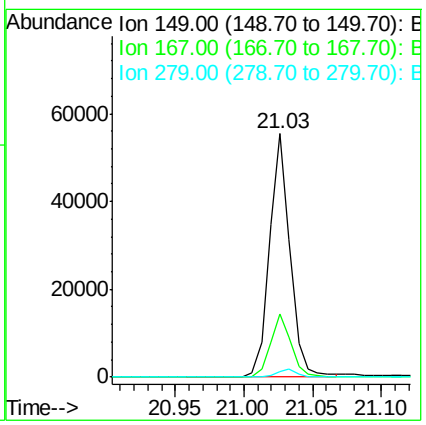


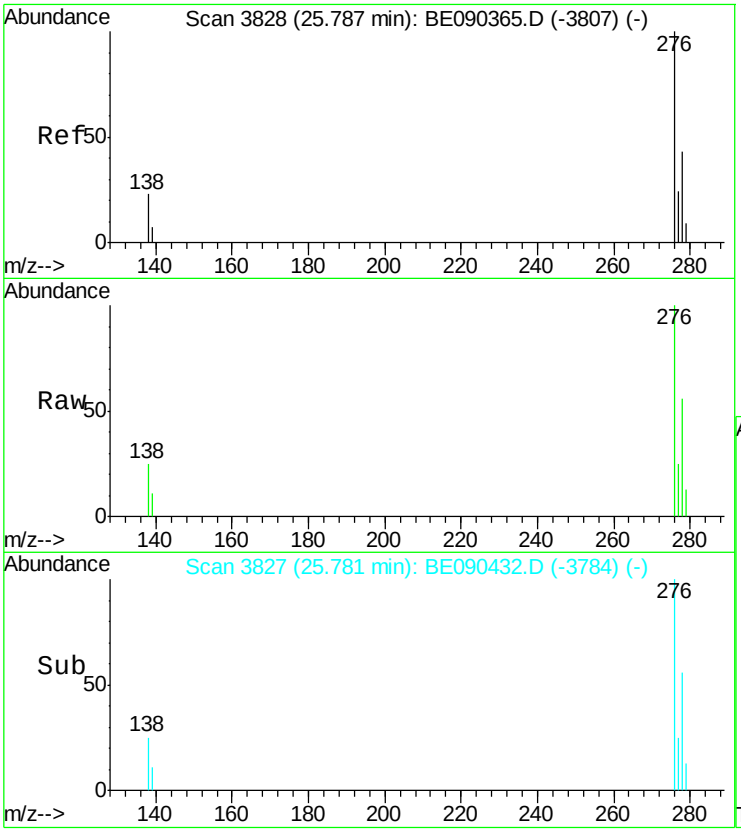


#30
Bis(2-ethylhexyl)phthalate
Concen: 4.50 ng
RT: 21.03 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Tgt Ion:149 Resp: 57276

Ion	Ratio	Lower	Upper
149	100		
167	25.8	19.8	29.8
279	3.1	2.4	3.6



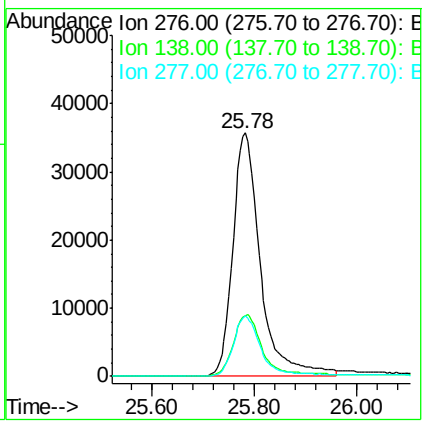


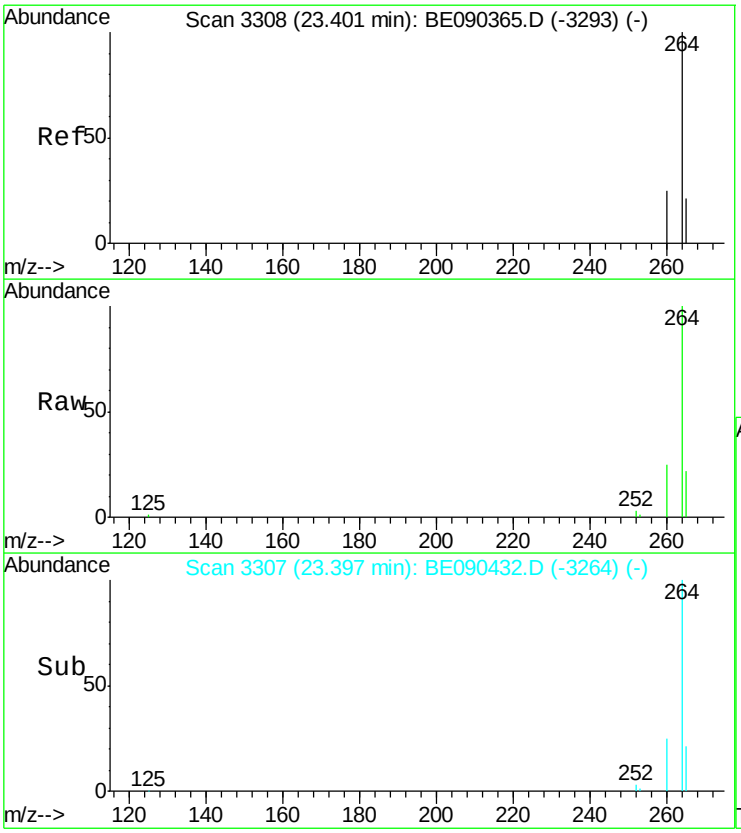
#31
Indeno(1,2,3-cd)pyrene
Concen: 3.42 ng
RT: 25.78 min Scan# 3827
Delta R.T. -0.00 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
PB84961BSD

Tgt Ion:276 Resp: 133511

Ion	Ratio	Lower	Upper
276	100		
138	26.3	18.8	28.2
277	24.8	18.2	27.4

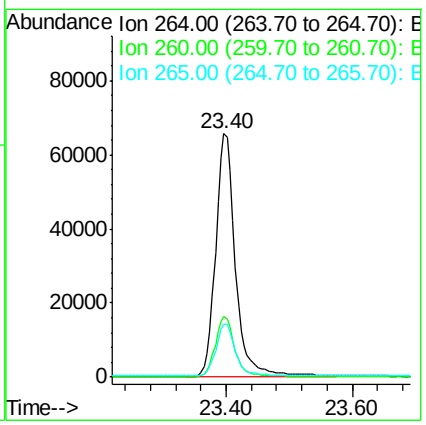


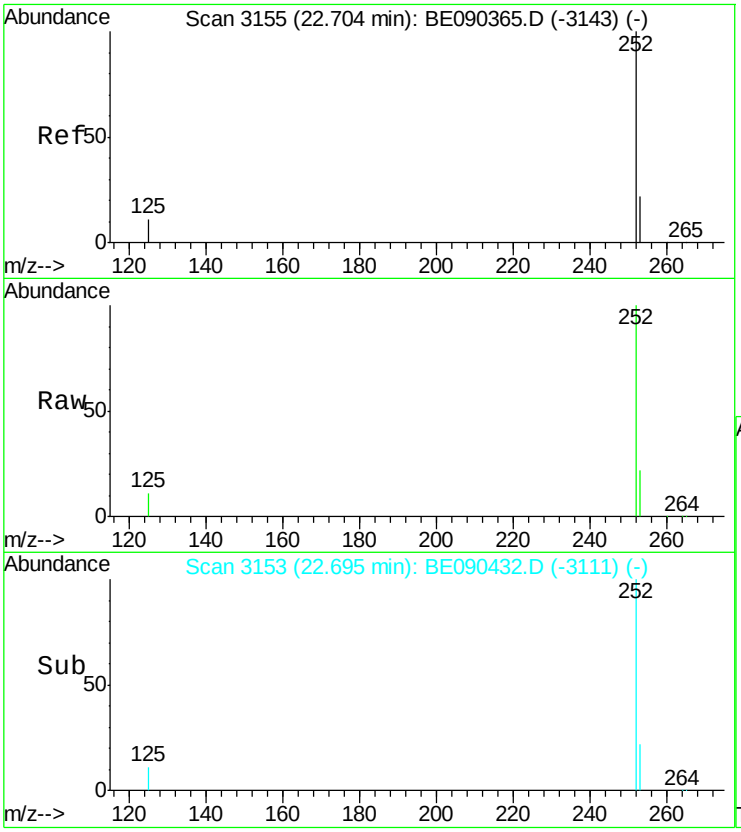


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3307
Delta R.T. -0.00 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Tgt Ion:264 Resp: 144113

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	21.6	17.2	25.8



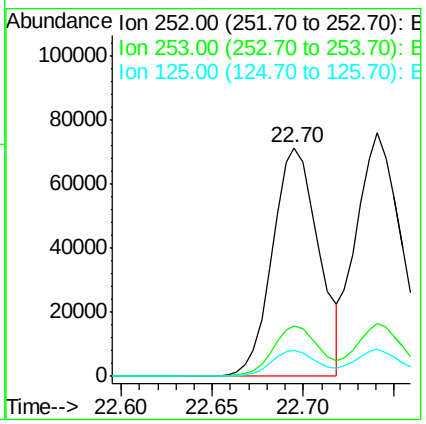


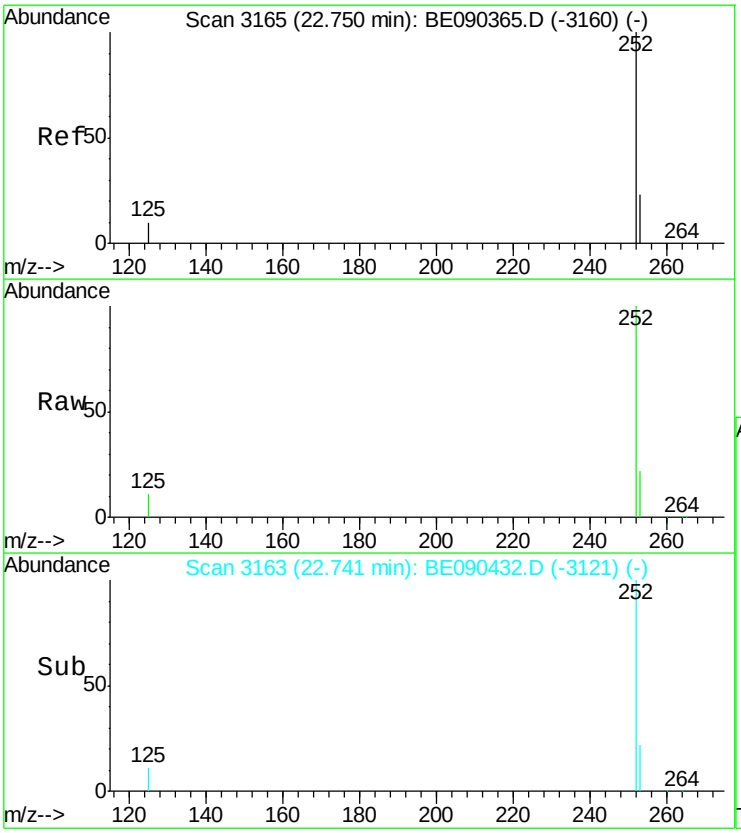
#33
Benzo(b)fluoranthene
Concen: 3.90 ng
RT: 22.70 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
PB84961BSD

Tgt Ion:252 Resp: 125744

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	11.1	9.4	14.2

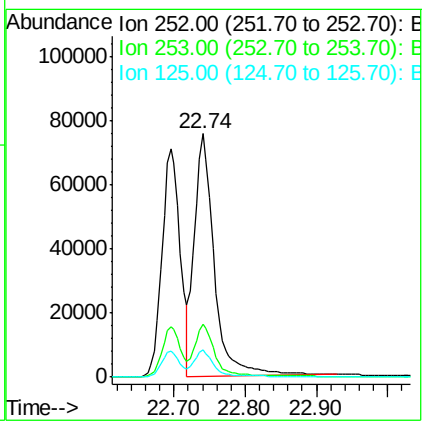


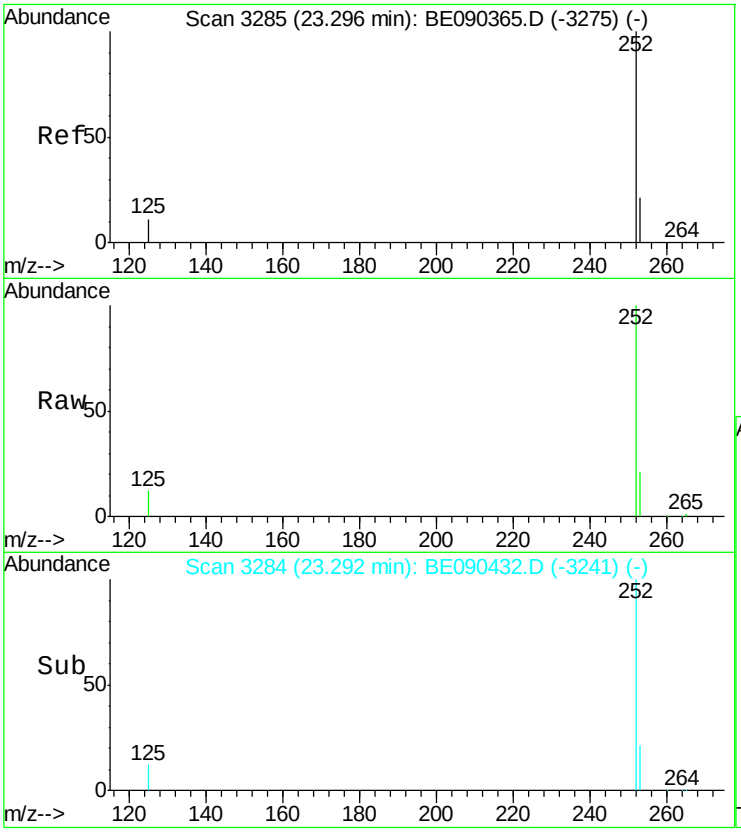


#34
Benzo(k)fluoranthene
Concen: 3.63 ng
RT: 22.74 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Tgt Ion:252 Resp: 145615

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	11.2	9.1	13.7



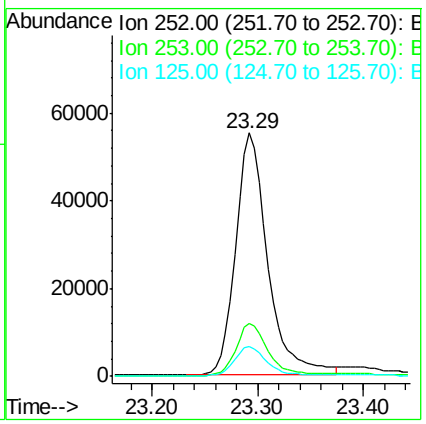


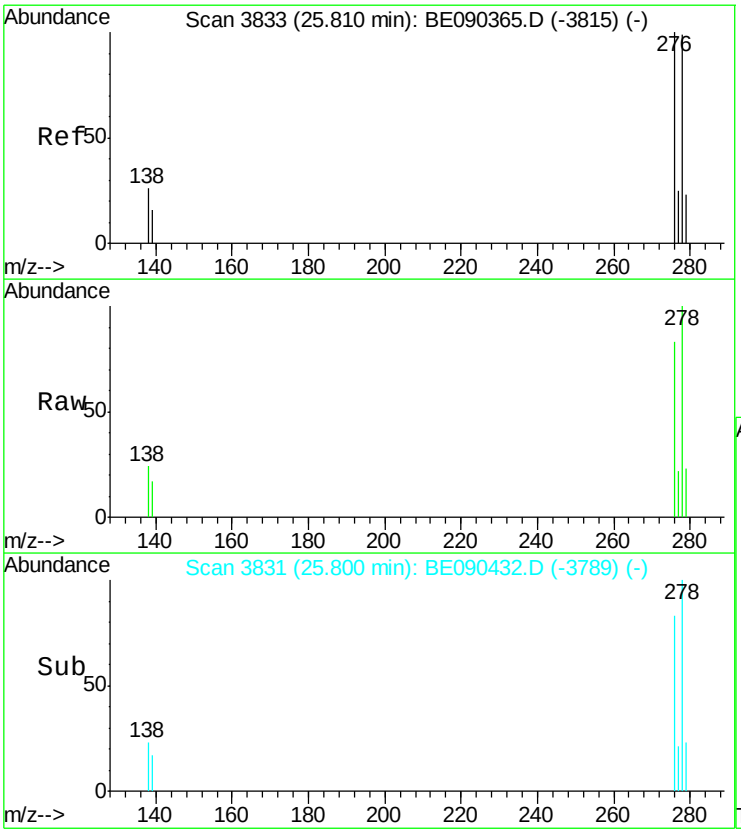
#35
Benzo(a)pyrene
Concen: 3.86 ng
RT: 23.29 min Scan# 3284
Delta R.T. -0.00 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
PB84961BSD

Tgt Ion:252 Resp: 117090

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	12.3	9.8	14.6

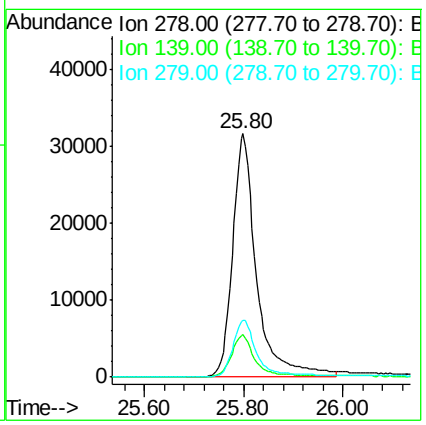


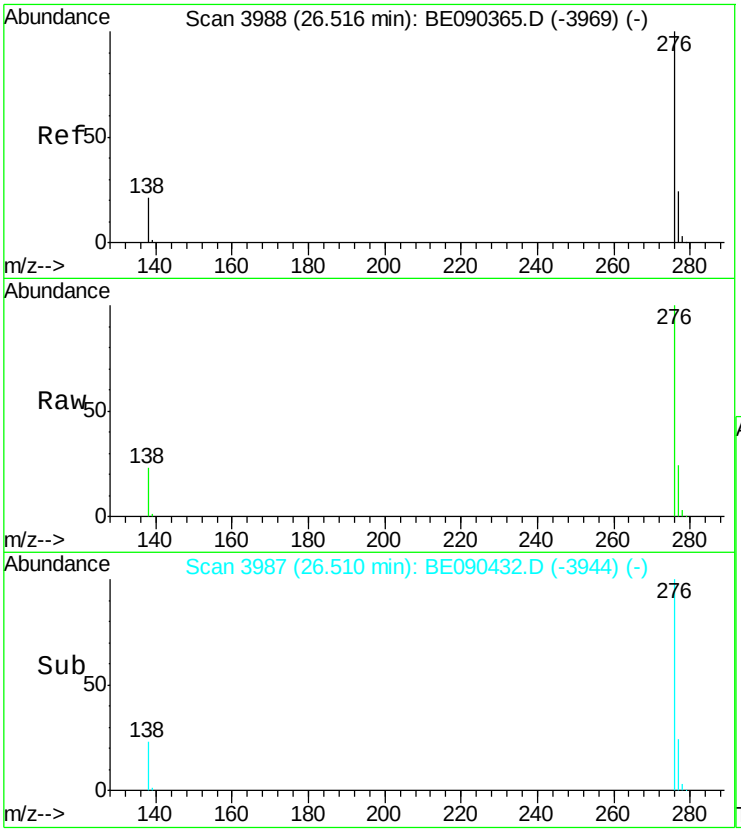


#36
Dibenzo(a,h)anthracene
Concen: 3.60 ng
RT: 25.80 min Scan# 3831
Delta R.T. -0.01 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Tgt Ion:278 Resp: 106070

Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.2	21.4
279	23.2	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 4.42 ng
RT: 26.51 min Scan# 3987
Delta R.T. -0.01 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
PB84961BSD

Tgt Ion:276 Resp: 117589

Ion	Ratio	Lower	Upper
276	100		
277	23.8	20.1	30.1
138	23.0	18.1	27.1