Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090415\
Data File : BE090723.D
Acq On : 4 Sep 2015 10:58
Operator : UM/IZ
Sample : PB85380BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB85380BS

Quant Time: Sep 04 13:16:56 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	42062	5.00	ng		0.00
6) Naphthalene-d8	10.30	136	194021	5.00	ng		0.00
12) Acenaphthene-d10	14.17	164	106188	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	266457	5.00	ng		0.00
25) Chrysene-d12	21.07	240	344564	5.00	ng		0.00
32) Perylene-d12	23.36	264	306902	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	68355	8.33	ng		0.00
5) Phenol-d6	6.74	99	101581	8.67	ng		0.00
7) Nitrobenzene-d5	8.69	82	48142	3.75	ng		-0.01
13) 2,4,6-Tribromophenol	15.67	330	28021	8.97	ng		0.00
14) 2-Fluorobiphenyl	12.79	172	95622	3.25	ng		0.00
27) Terphenyl-d14	19.53	244	159634	4.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	18325	3.29	ng		97
3) n-Nitrosodimethylamine	3.45	42	22410	2.98	ng	#	90
8) Nitrobenzene	8.73	77	46594	3.00	ng		98
9) Naphthalene	10.35	128	121974	2.88	ng		100
10) Hexachlorobutadiene	10.65	225	18223	2.75	ng		99
11) 2-Methylnaphthalene	11.98	142	77497	3.39	ng		98
15) Acenaphthylene	13.89	152	528731	3.12	ng		100
16) Acenaphthene	14.22	154	83109	2.93	ng		90
17) Fluorene	15.22	166	108754	3.07	ng		97
19) 4-Bromophenyl-phenylether	16.11	248	27892	3.07	ng		97
20) Hexachlorobenzene	16.23	284	136859	3.11	ng		96
21) Pentachlorophenol	16.58	266	26251	7.15	ng		96
22) Phenanthrene	16.94	178	196306	2.98	ng		99
23) Anthracene	17.05	178	181372	3.29	ng		100
24) Fluoranthene	18.96	202	225099	3.24	ng		99
26) Pyrene	19.32	202	250463	3.51	ng		99
28) Benzo(a)anthracene	21.05	228	242584	3.21	ng		99
29) Chrysene	21.11	228	253651	3.16	ng		99
30) Bis(2-ethylhexyl)phthalate	21.01	149	90690	3.74	ng		98
31) Indeno(1,2,3-cd)pyrene	25.72	276	259286	3.19	ng		99
33) Benzo(b)fluoranthene	22.66	252	223122	3.35	ng		99
34) Benzo(k)fluoranthene	22.71	252	249519	3.22	ng		100
35) Benzo(a)pyrene	23.25	252	210513	3.54	ng		100
36) Dibenzo(a,h)anthracene	25.74	278	211958	2.98	ng		99
37) Benzo(g,h,i)perylene	26.44	276	223028	3.26	ng		99

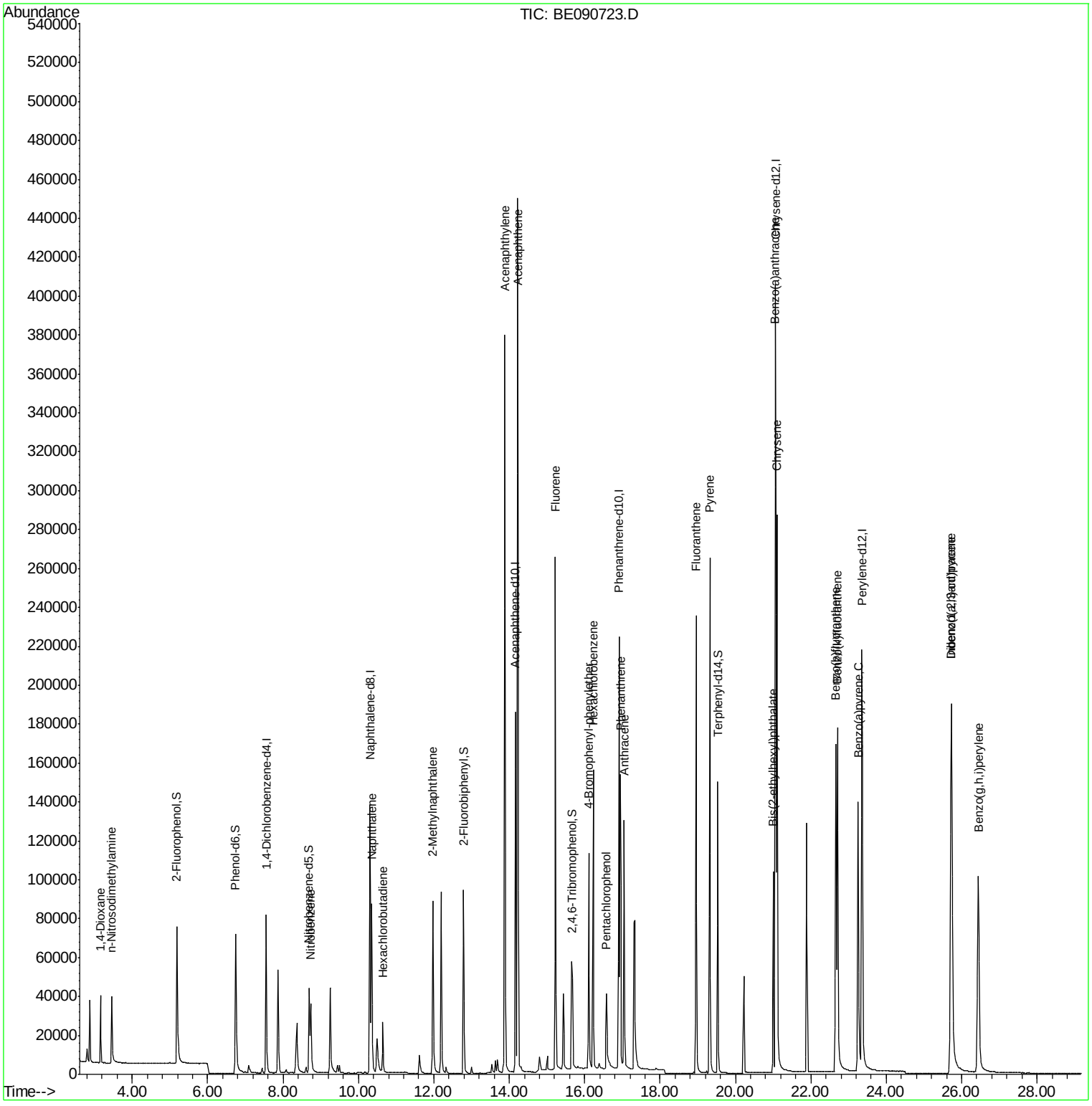
(#) = qualifier out of range (m) = manual integration (+) = signals summed

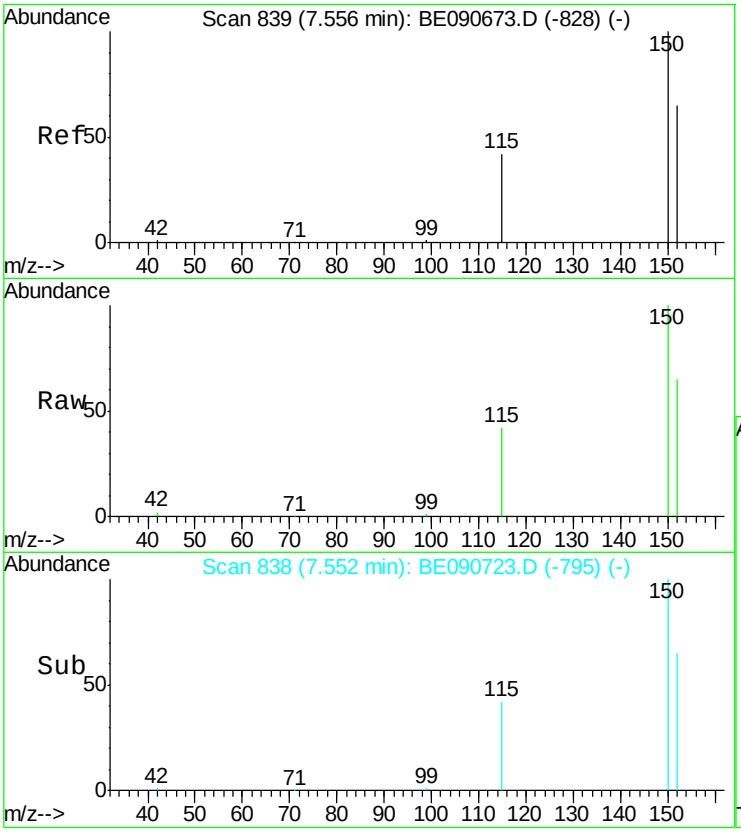
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090415\
Data File : BE090723.D
Acq On : 4 Sep 2015 10:58
Operator : UM/IZ
Sample : PB85380BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB85380BS

Quant Time: Sep 04 13:16:56 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration



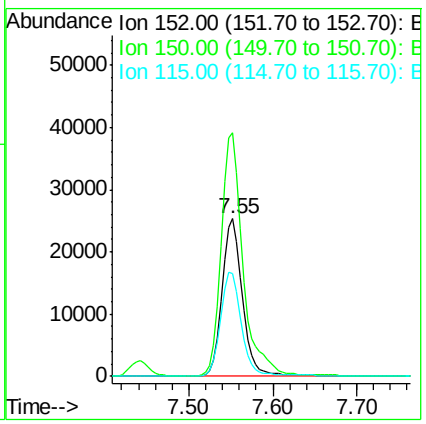


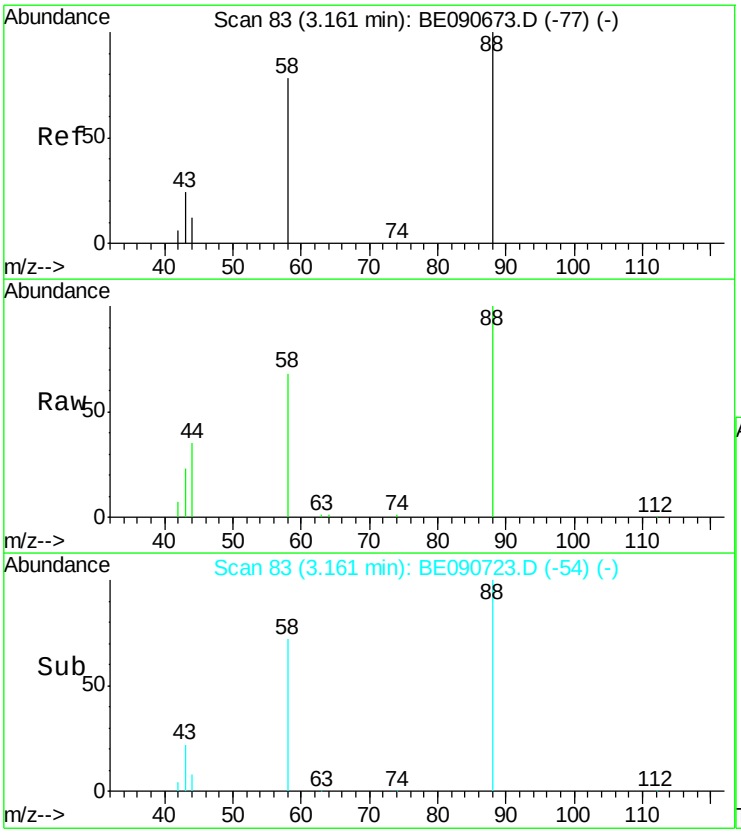
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Instrument :
BNA_E
ClientSampleId :
PB85380BS

Tgt Ion:152 Resp: 42062

Ion	Ratio	Lower	Upper
152	100		
150	154.7	122.2	183.4
115	65.3	51.0	76.4

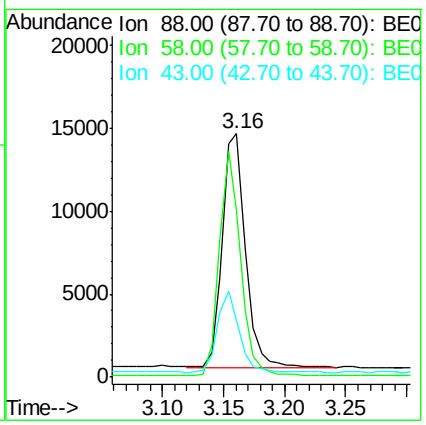


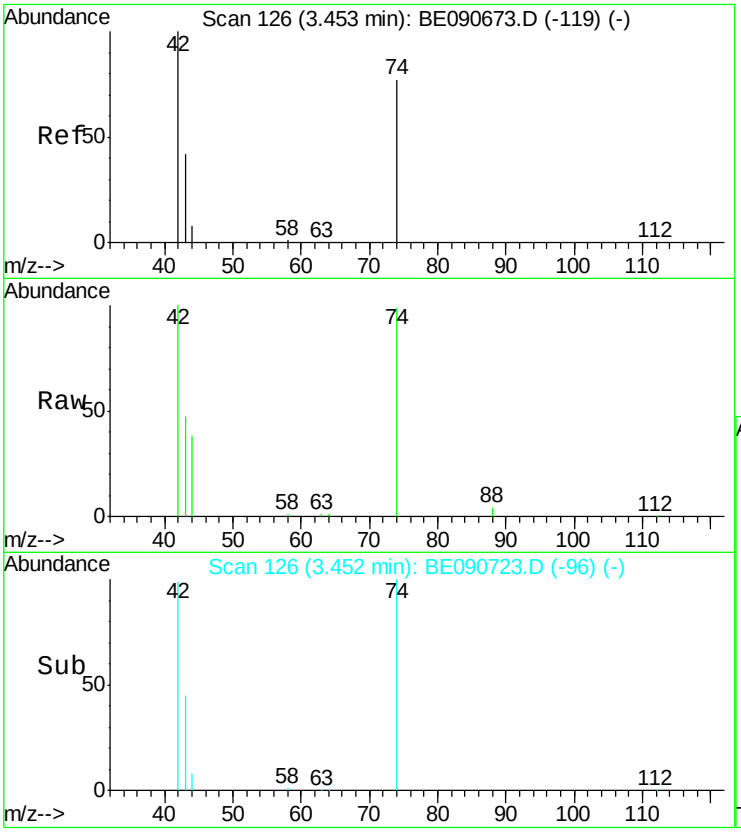


#2
1,4-Dioxane
Concen: 3.29 ng
RT: 3.16 min Scan# 83
Delta R.T. -0.00 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Tgt Ion: 88 Resp: 18325

Ion	Ratio	Lower	Upper
88	100		
58	89.1	68.4	102.6
43	32.9	26.9	40.3



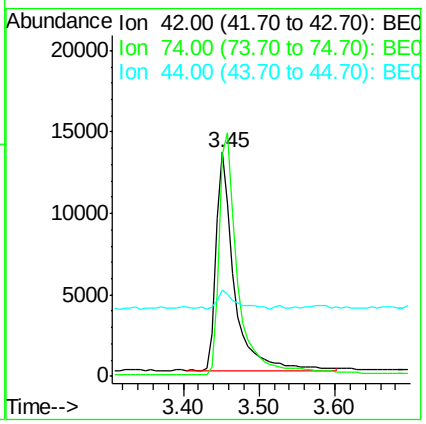


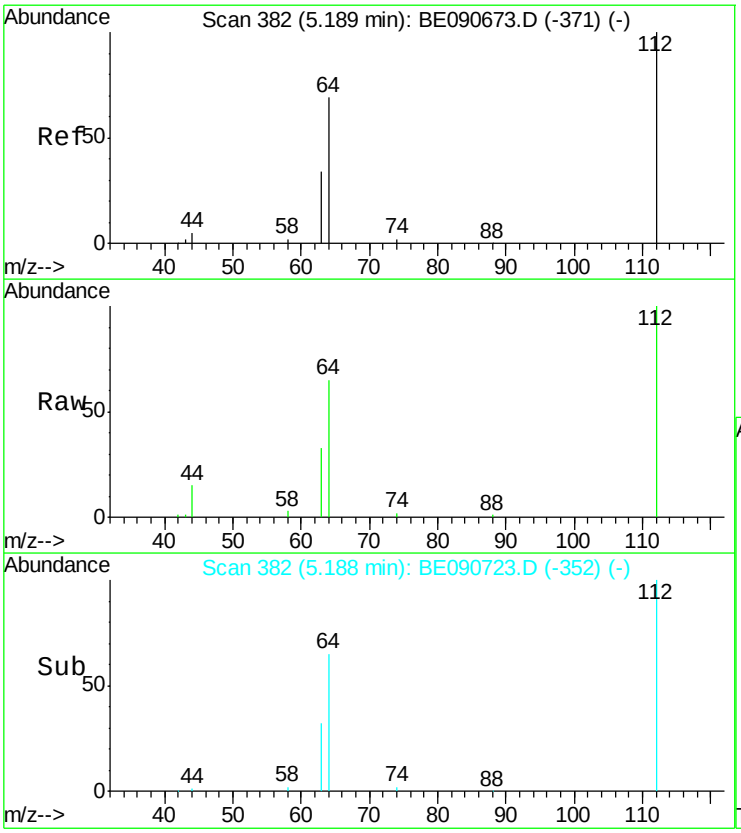
#3
n-Nitrosodimethylamine
Concen: 2.98 ng
RT: 3.45 min Scan# 126
Delta R.T. 0.00 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Instrument :
BNA_E
ClientSampleId :
PB85380BS

Tgt Ion: 42 Resp: 22410

Ion	Ratio	Lower	Upper
42	100		
74	115.1	83.7	125.5
44	8.6	10.0	15.0#

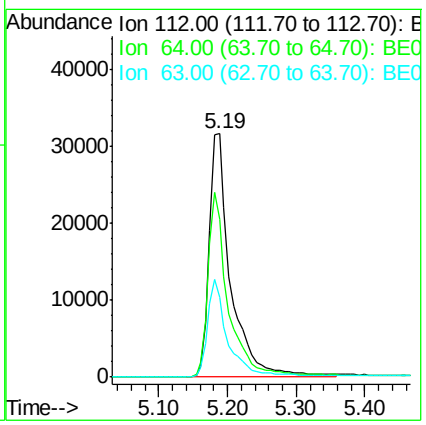


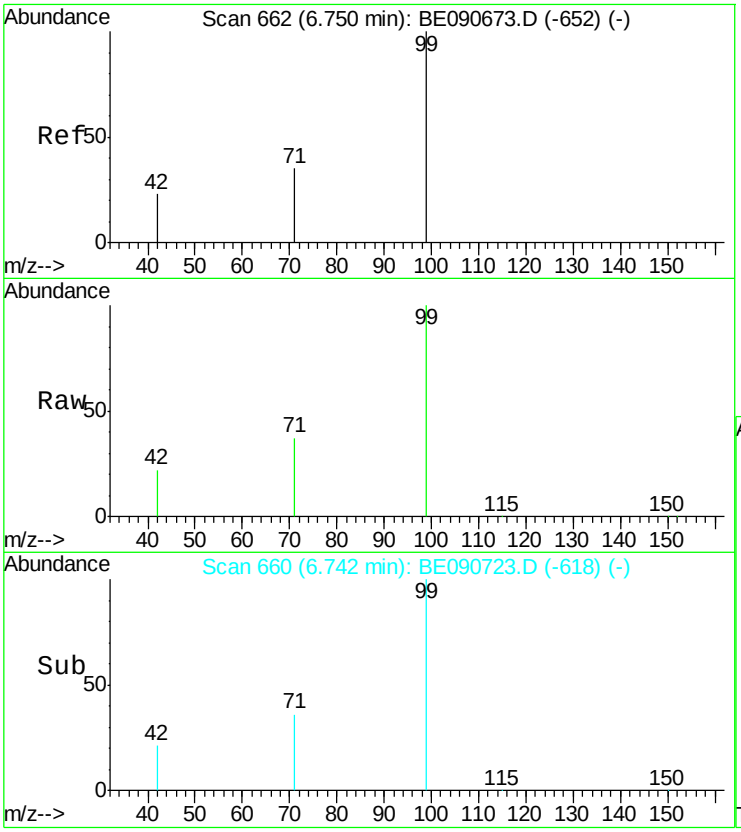


#4
2-Fluorophenol
Concen: 8.33 ng
RT: 5.19 min Scan# 382
Delta R.T. 0.00 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Tgt Ion:112 Resp: 68355

Ion	Ratio	Lower	Upper
112	100		
64	71.5	57.3	85.9
63	36.8	29.2	43.8



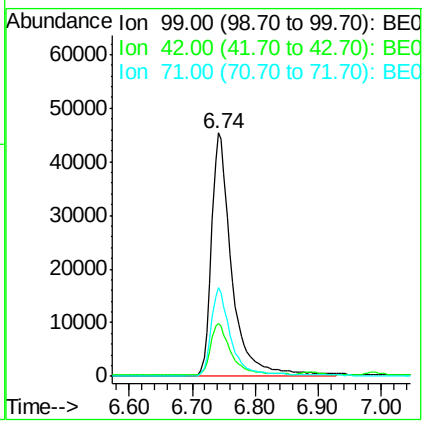


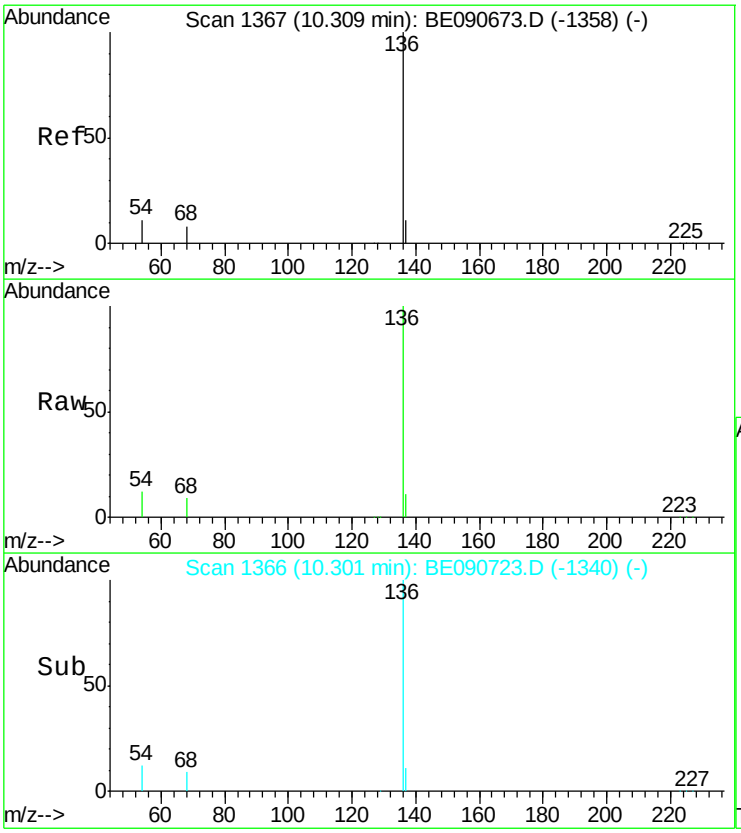
#5
Phenol-d6
Concen: 8.67 ng
RT: 6.74 min Scan# 660
Delta R.T. -0.01 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Instrument :
BNA_E
ClientSampleId :
PB85380BS

Tgt Ion: 99 Resp: 101581

Ion	Ratio	Lower	Upper
99	100		
42	21.5	16.8	25.2
71	35.7	28.3	42.5

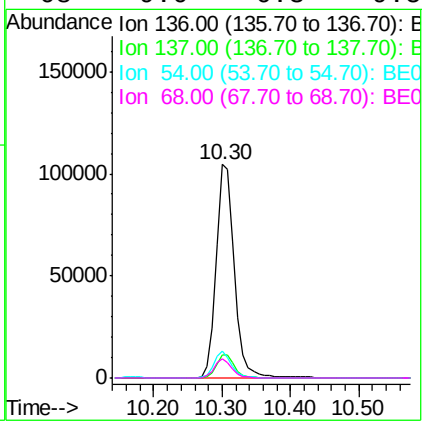


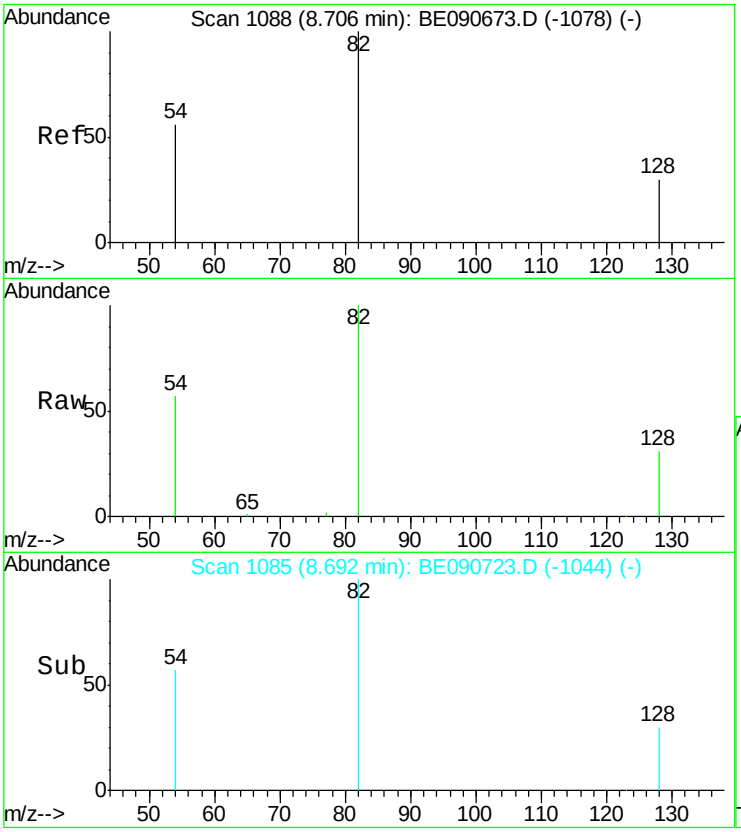


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.30 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Tgt Ion:136 Resp: 194021

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	12.5	9.0	13.6
68	9.0	6.3	9.5



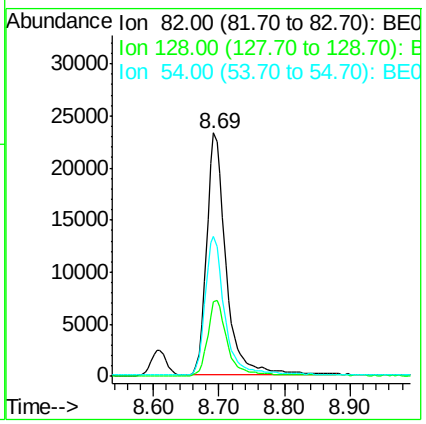


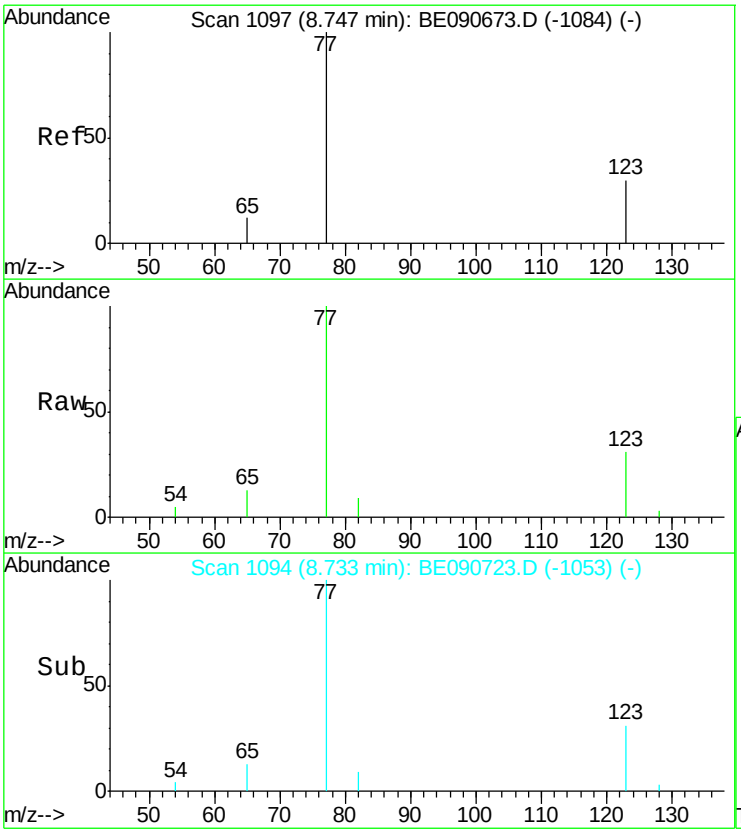
#7
Nitrobenzene-d5
Concen: 3.75 ng
RT: 8.69 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Instrument :
BNA_E
ClientSampleId :
PB85380BS

Tgt Ion: 82 Resp: 48142

Ion	Ratio	Lower	Upper
82	100		
128	30.5	25.0	37.4
54	57.3	46.3	69.5

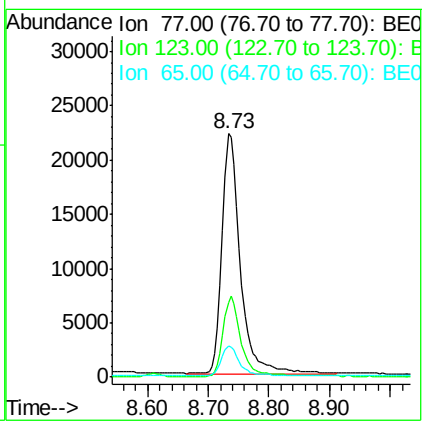


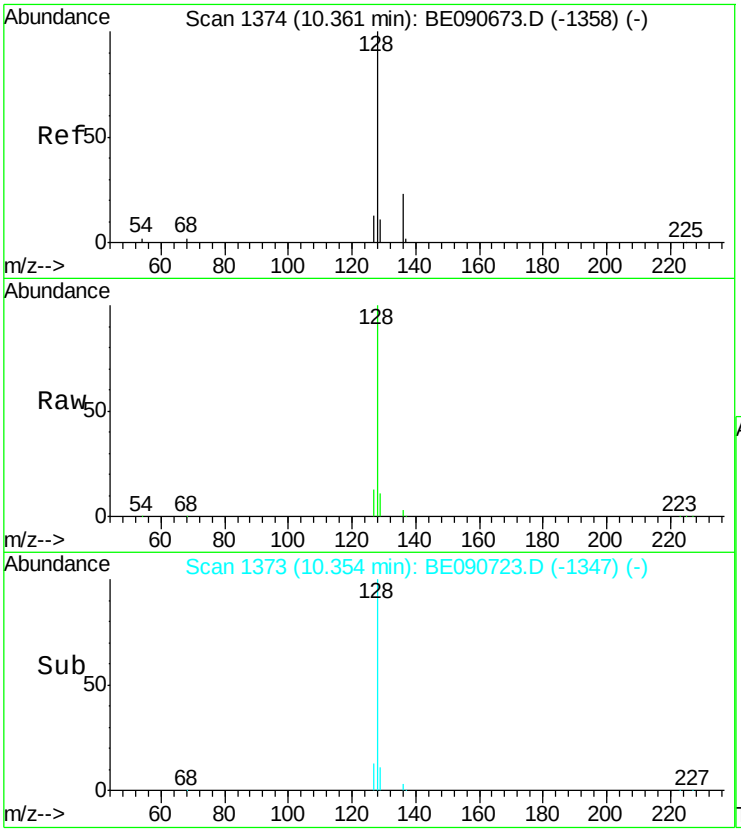


#8
Nitrobenzene
Concen: 3.00 ng
RT: 8.73 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Tgt Ion: 77 Resp: 46594

Ion	Ratio	Lower	Upper
77	100		
123	32.6	25.1	37.7
65	12.5	9.9	14.9



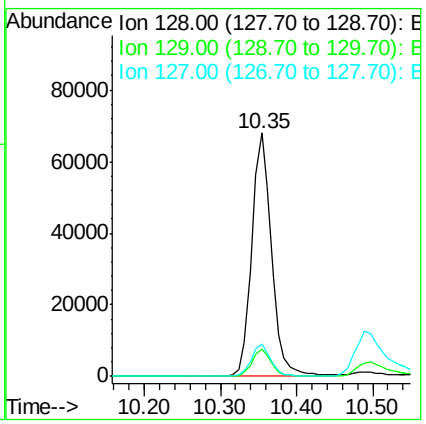


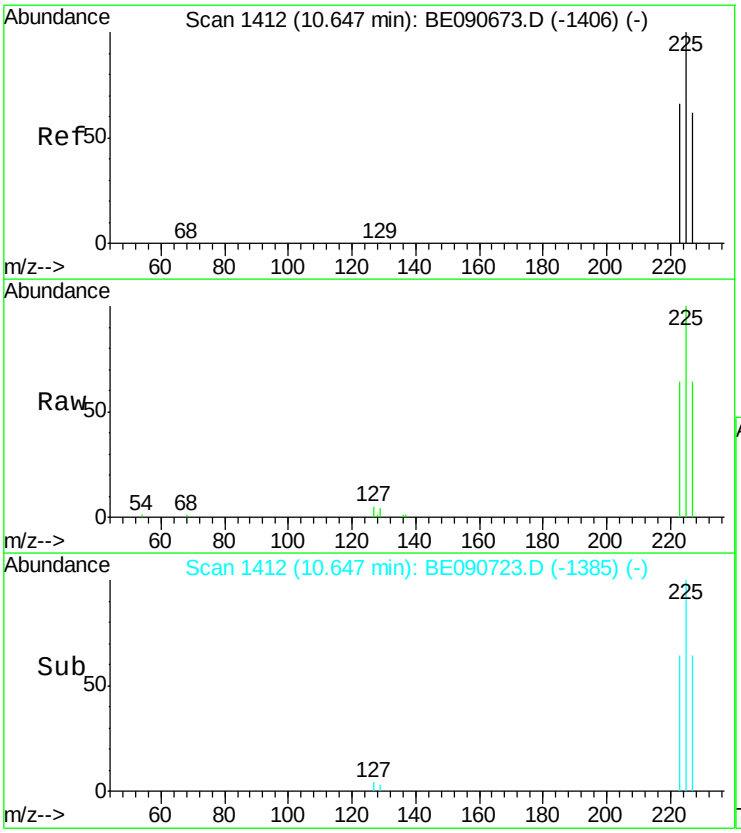
#9
Naphthalene
Concen: 2.88 ng
RT: 10.35 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Instrument :
BNA_E
ClientSampleId :
PB85380BS

Tgt Ion:128 Resp: 121974

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.1	10.6	15.8

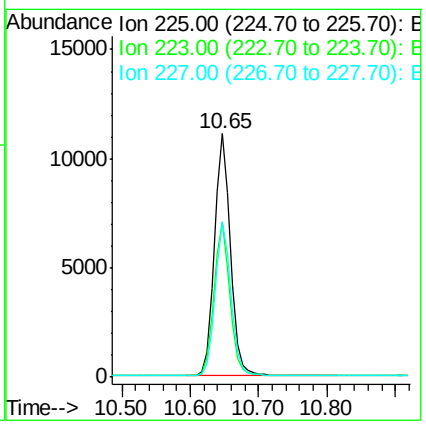


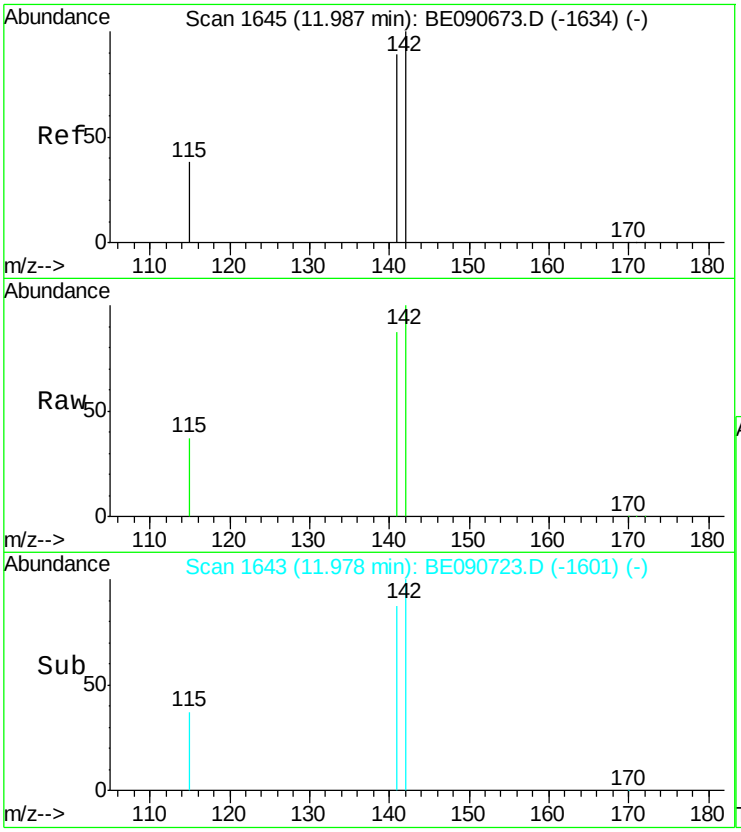


#10
Hexachlorobutadiene
Concen: 2.75 ng
RT: 10.65 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Tgt Ion:225 Resp: 18223

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	63.5	51.0	76.6



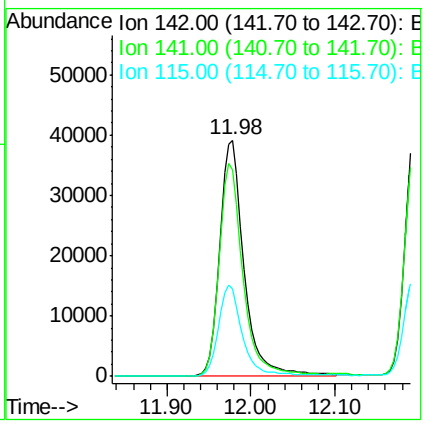


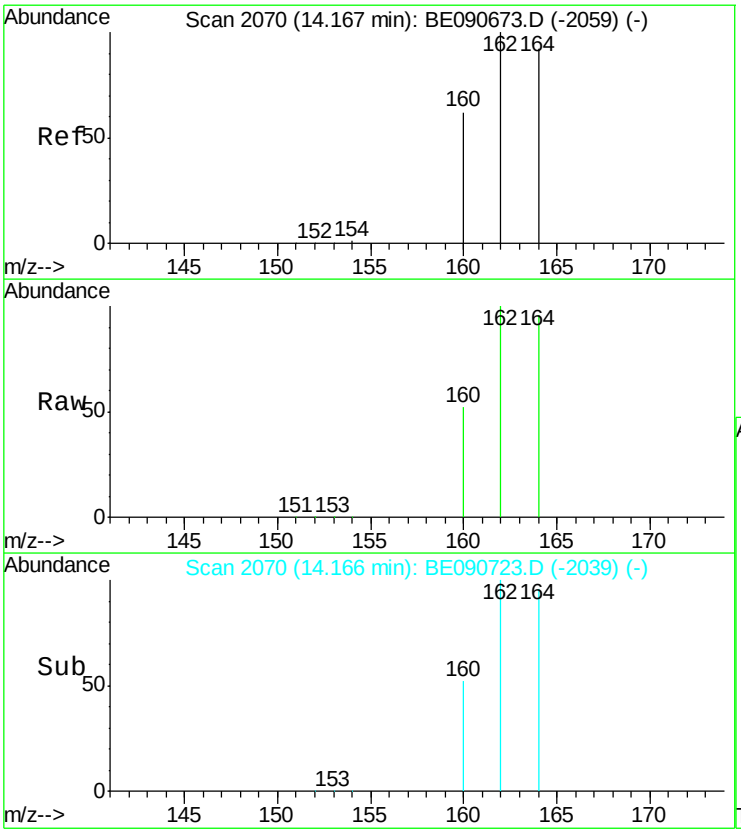
#11
2-Methylnaphthalene
Concen: 3.39 ng
RT: 11.98 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Instrument :
BNA_E
ClientSampleId :
PB85380BS

Tgt Ion:142 Resp: 77497

Ion	Ratio	Lower	Upper
142	100		
141	87.2	71.4	107.2
115	37.1	31.0	46.4

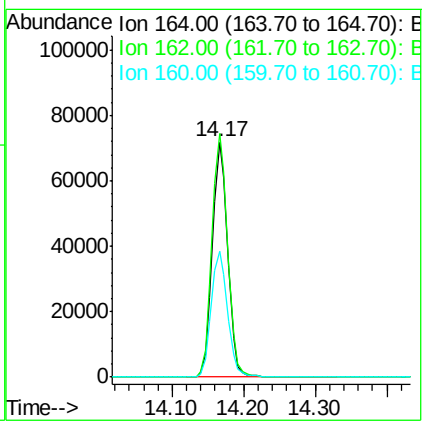


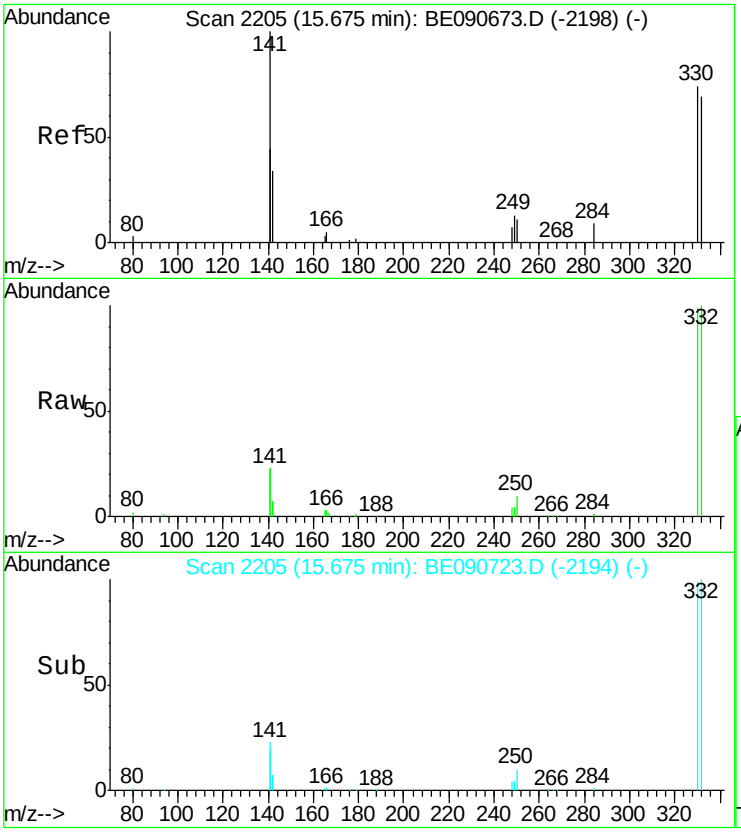


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Tgt Ion:164 Resp: 106188

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.8	130.2
160	53.8	53.9	80.9#



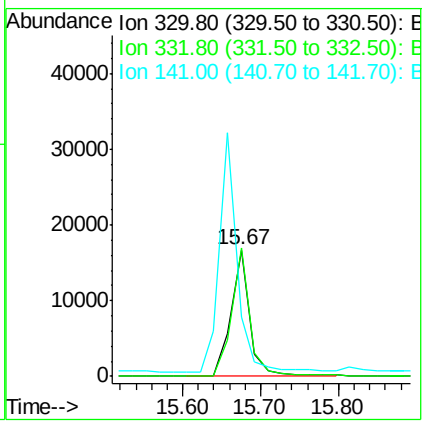


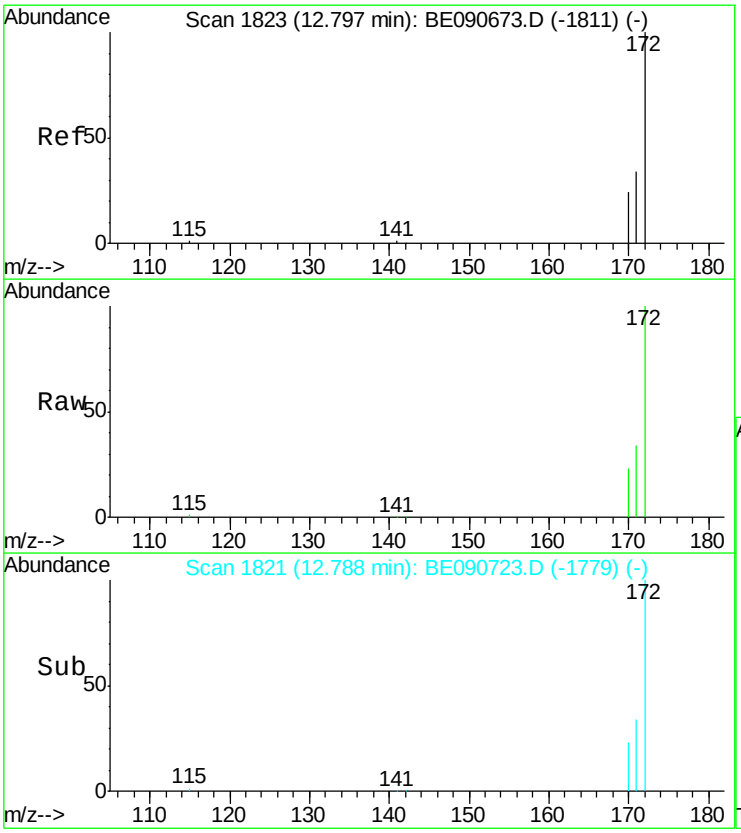
#13
2,4,6-Tribromophenol
Concen: 8.97 ng
RT: 15.67 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Instrument :
BNA_E
ClientSampleId :
PB85380BS

Tgt Ion:330 Resp: 28021

Ion	Ratio	Lower	Upper
330	100		
332	97.8	74.9	112.3
141	175.1	145.2	217.8

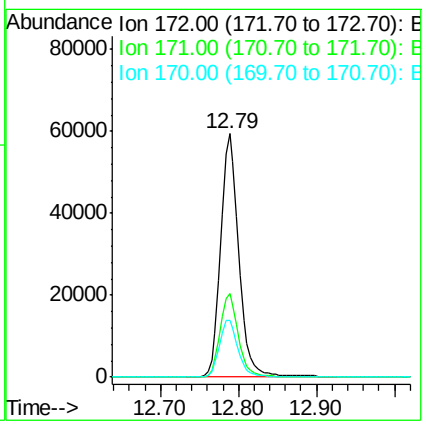


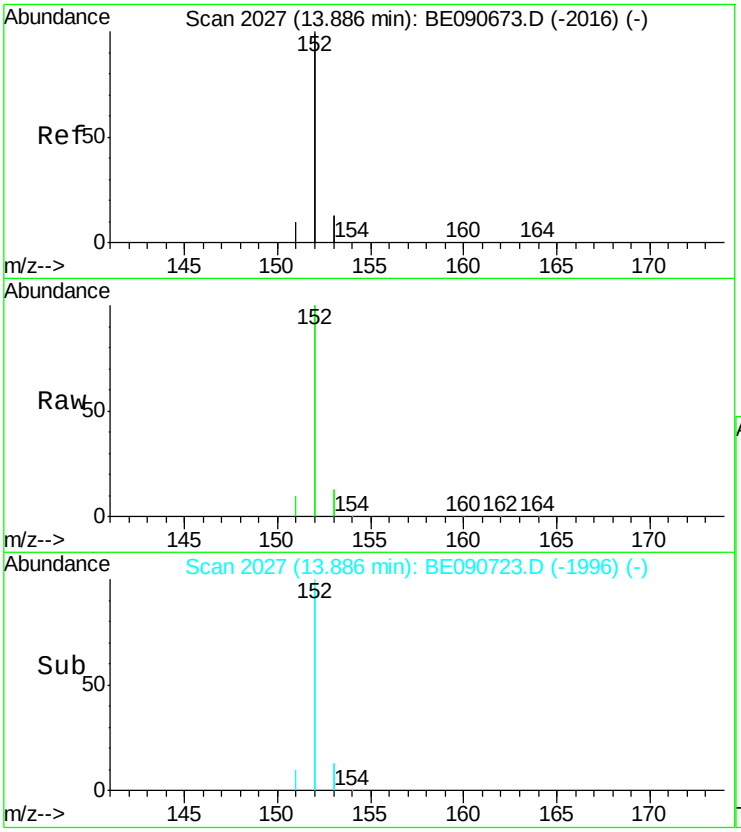


#14
2-Fluorobiphenyl
Concen: 3.25 ng
RT: 12.79 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Tgt Ion:172 Resp: 95622

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.8
170	23.4	19.8	29.6



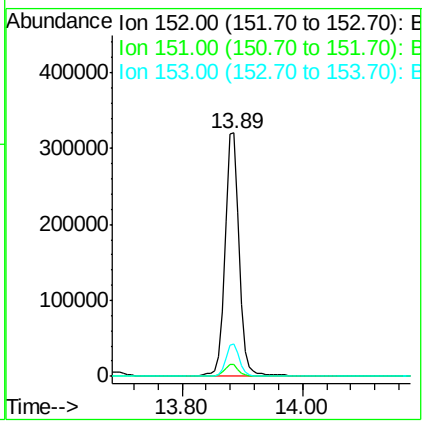


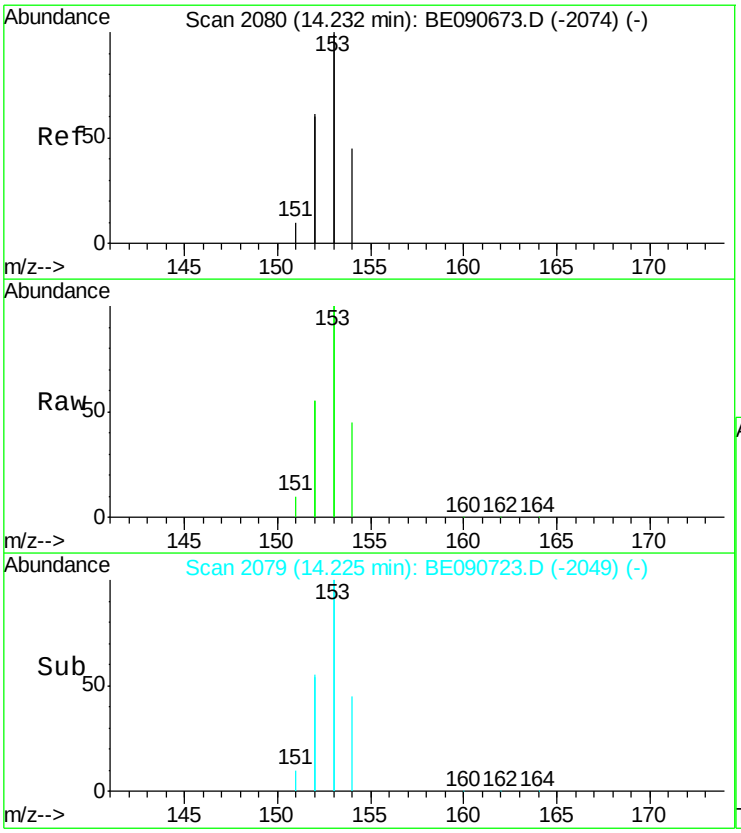
#15
Acenaphthylene
Concen: 3.12 ng
RT: 13.89 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Instrument :
BNA_E
ClientSampleId :
PB85380BS

Tgt Ion:152 Resp: 528731

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.0	10.3	15.5

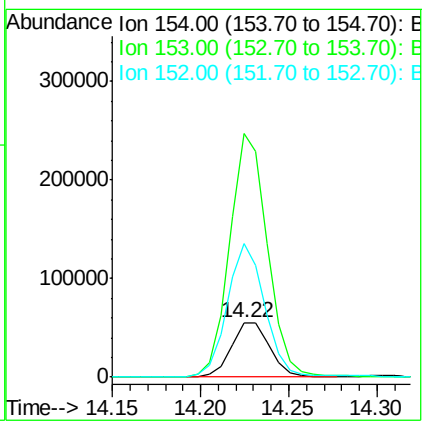


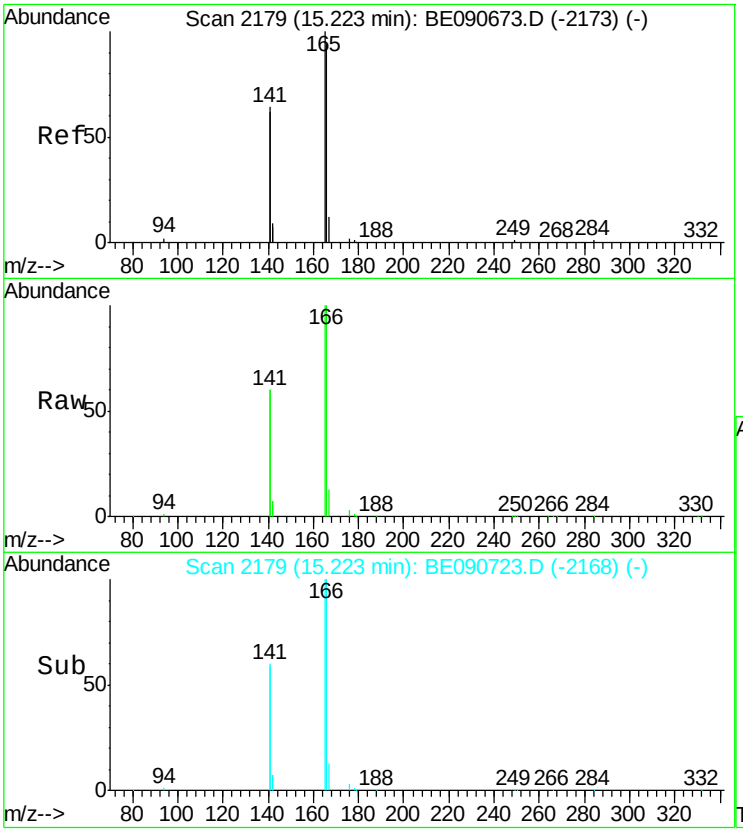


#16
Acenaphthene
Concen: 2.93 ng
RT: 14.22 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Tgt Ion:154 Resp: 83109

Ion	Ratio	Lower	Upper
154	100		
153	440.6	354.5	531.7
152	239.8	227.8	341.6



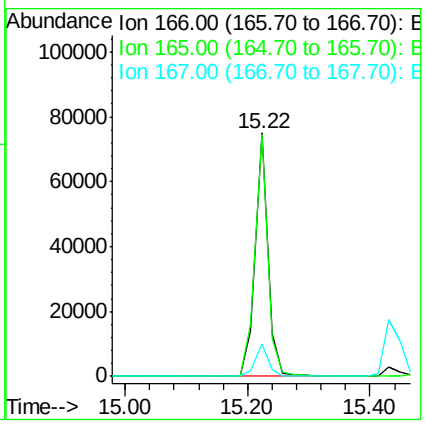


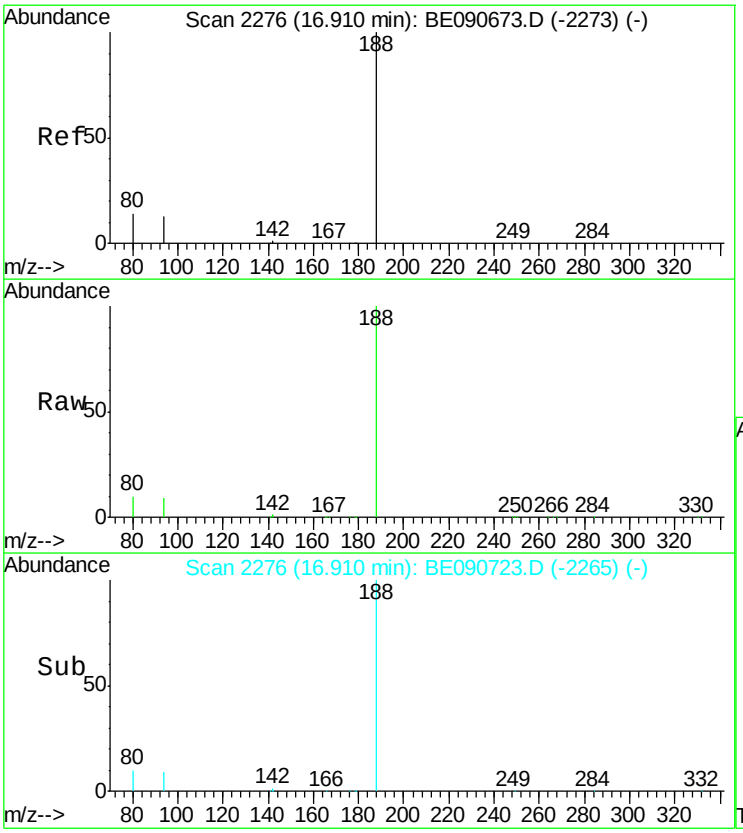
#17
Fluorene
Concen: 3.07 ng
RT: 15.22 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Instrument :
BNA_E
ClientSampleId :
PB85380BS

Tgt Ion:166 Resp: 108754

Ion	Ratio	Lower	Upper
166	100		
165	100.4	82.7	124.1
167	13.4	10.7	16.1

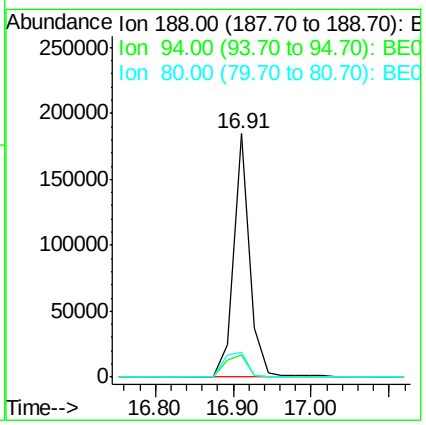


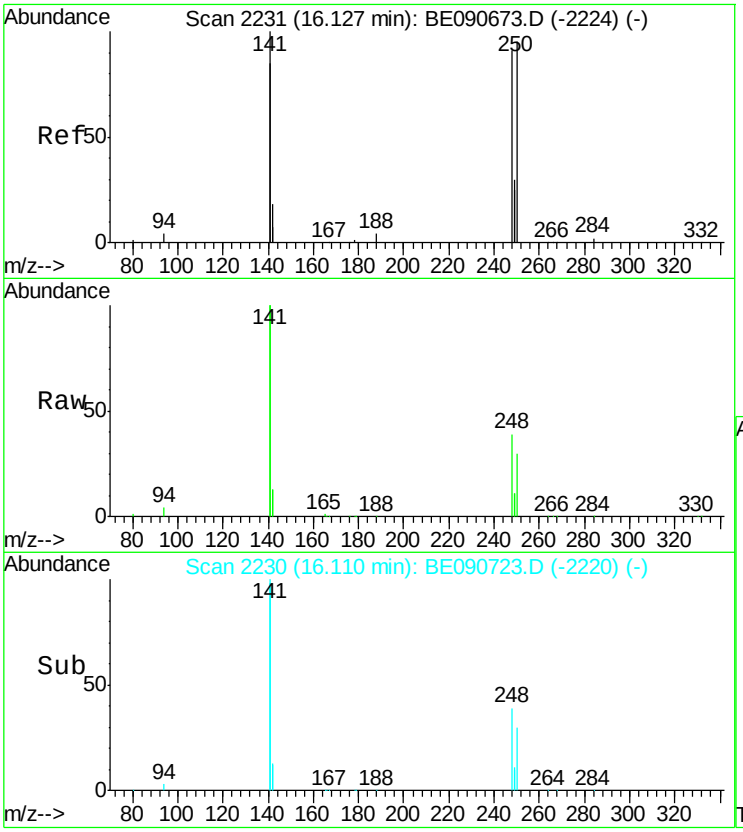


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Tgt Ion:188 Resp: 266457

Ion	Ratio	Lower	Upper
188	100		
94	9.2	10.3	15.5#
80	10.0	11.0	16.6#



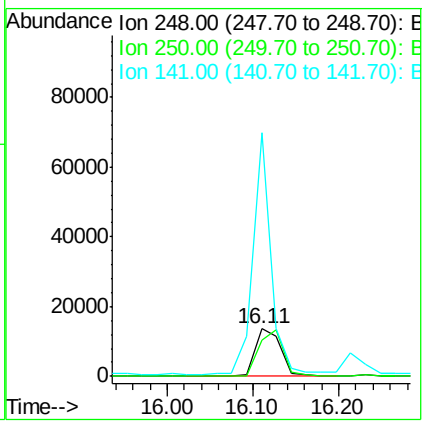


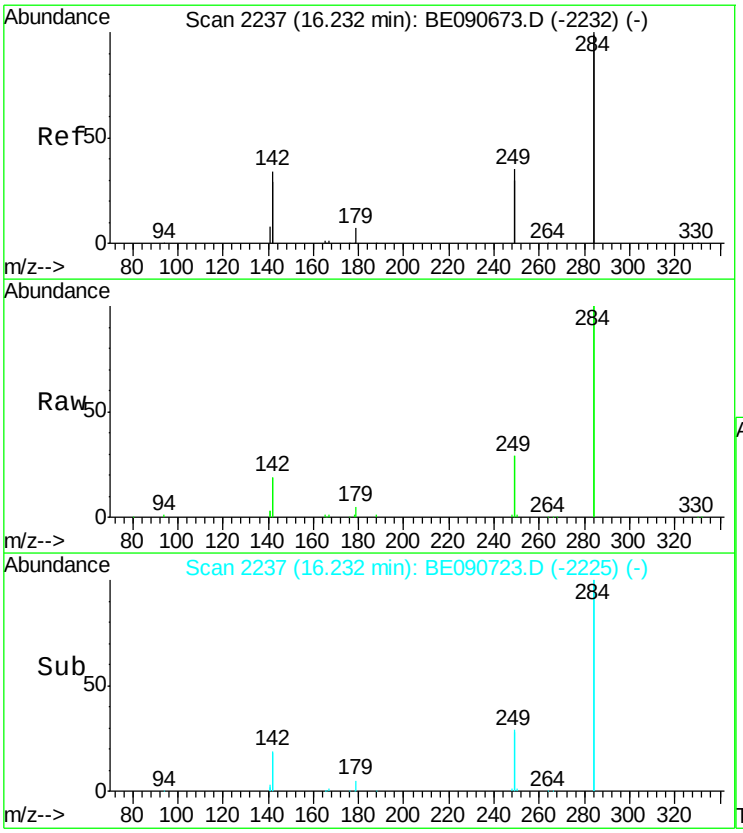
#19
4-Bromophenyl-phenylether
Concen: 3.07 ng
RT: 16.11 min Scan# 2230
Delta R.T. -0.02 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Instrument :
BNA_E
ClientSampleId :
PB85380BS

Tgt Ion:248 Resp: 27892

Ion	Ratio	Lower	Upper
248	100		
250	95.7	76.7	115.1
141	357.8	292.6	439.0

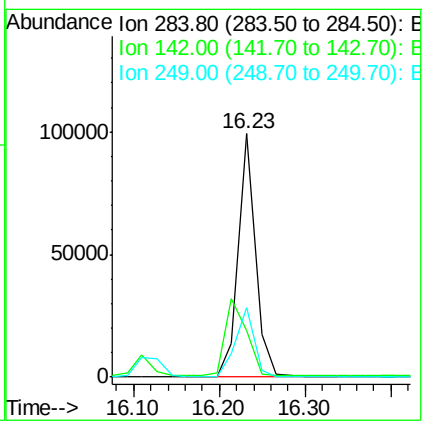


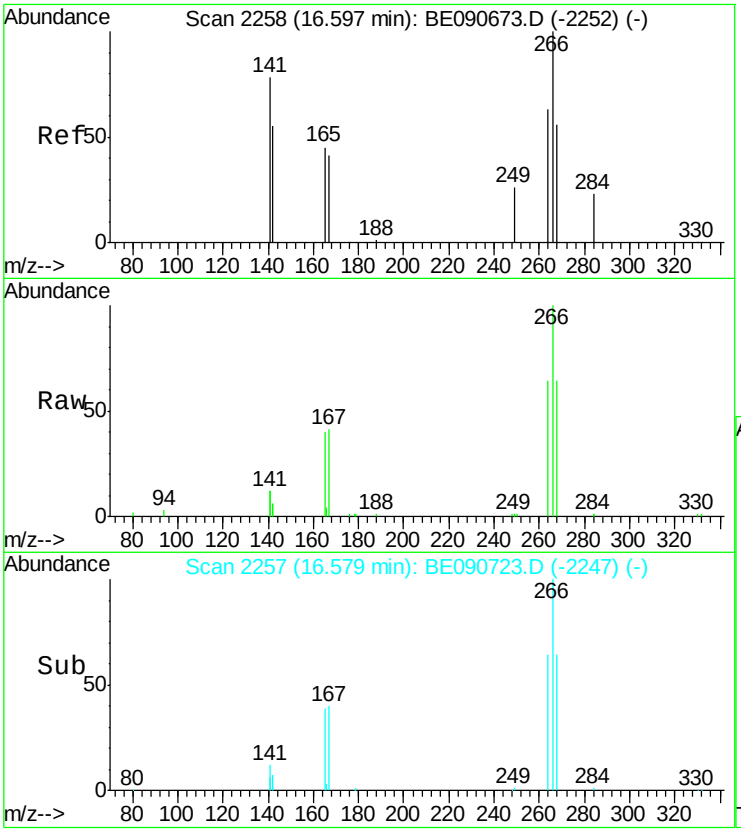


#20
Hexachlorobenzene
Concen: 3.11 ng
RT: 16.23 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Tgt Ion:284 Resp: 136859

Ion	Ratio	Lower	Upper
284	100		
142	40.3	35.0	52.4
249	31.0	25.5	38.3



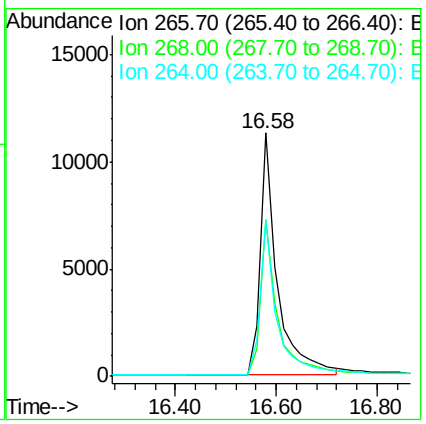


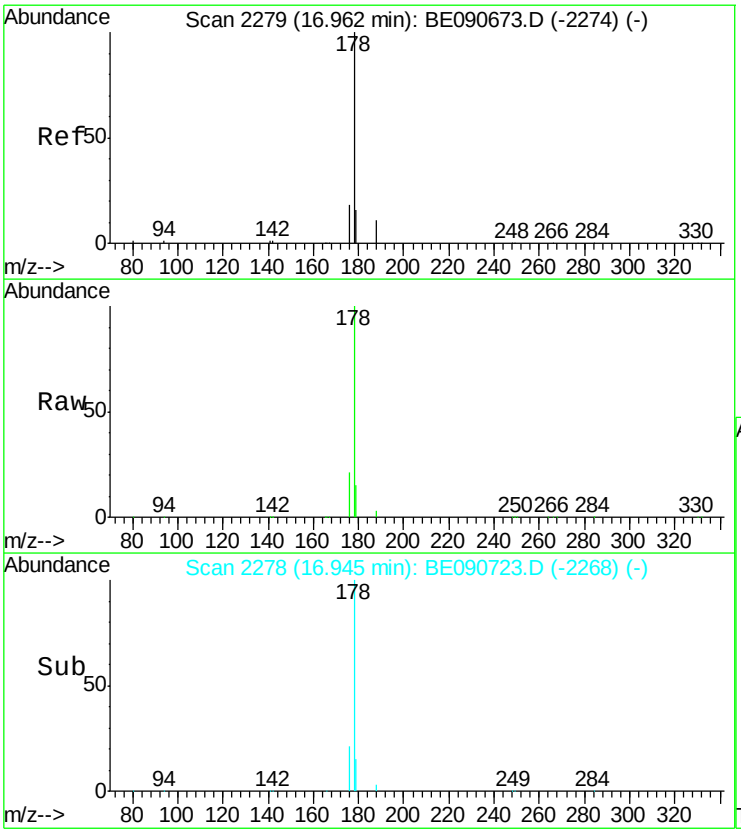
#21
Pentachlorophenol
Concen: 7.15 ng
RT: 16.58 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Instrument :
BNA_E
ClientSampleId :
PB85380BS

Tgt Ion:266 Resp: 26251

Ion	Ratio	Lower	Upper
266	100		
268	64.3	49.6	74.4
264	64.1	53.9	80.9

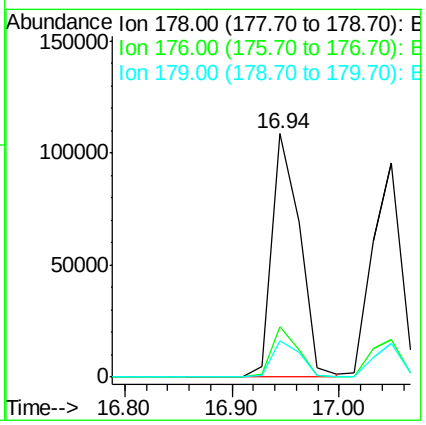


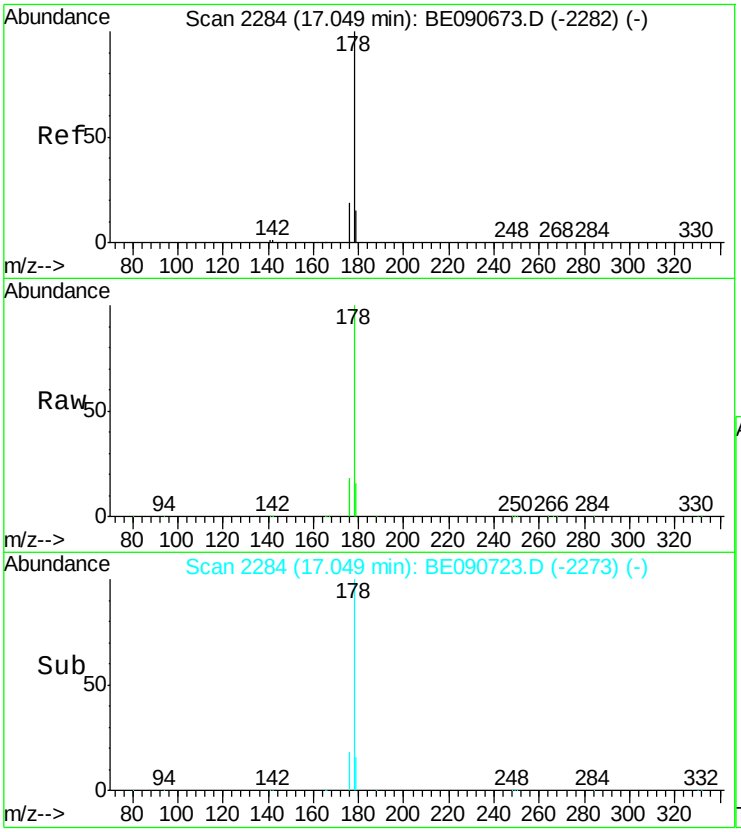


#22
Phenanthrene
Concen: 2.98 ng
RT: 16.94 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Tgt Ion:178 Resp: 196306

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.3	12.8	19.2



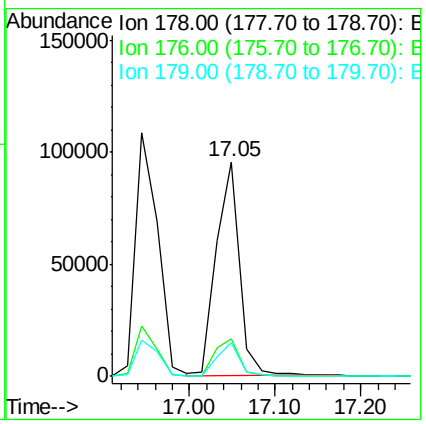


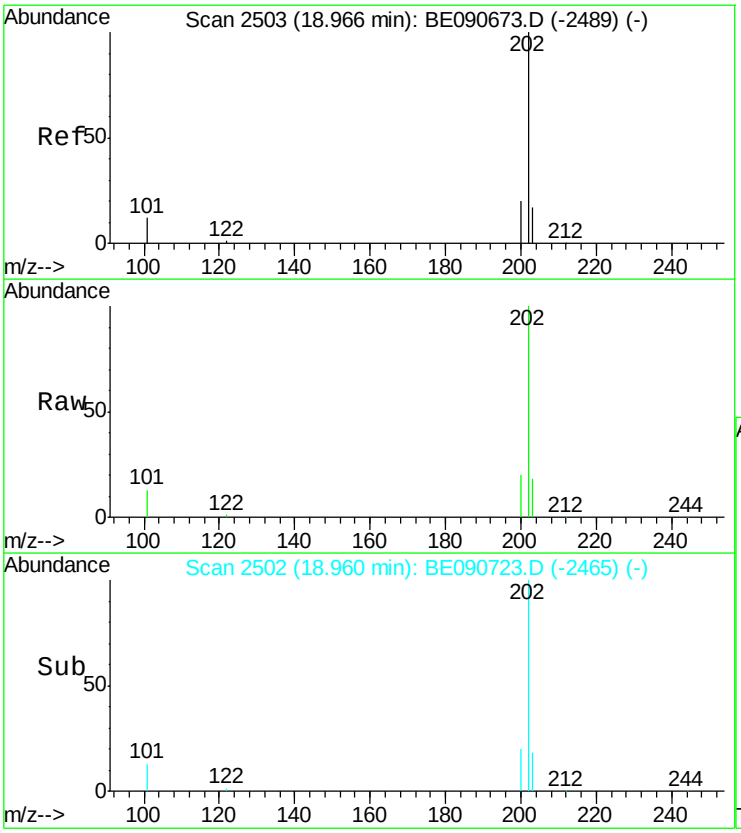
#23
Anthracene
Concen: 3.29 ng
RT: 17.05 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Instrument :
BNA_E
ClientSampleId :
PB85380BS

Tgt Ion:178 Resp: 181372

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.1	12.3	18.5

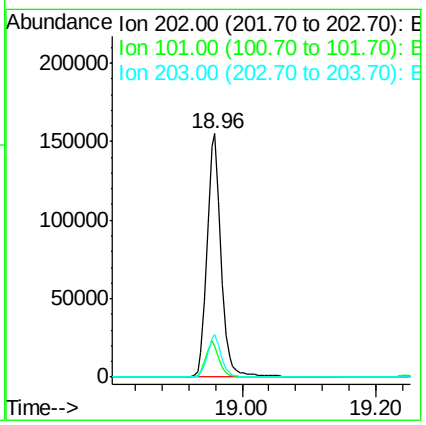


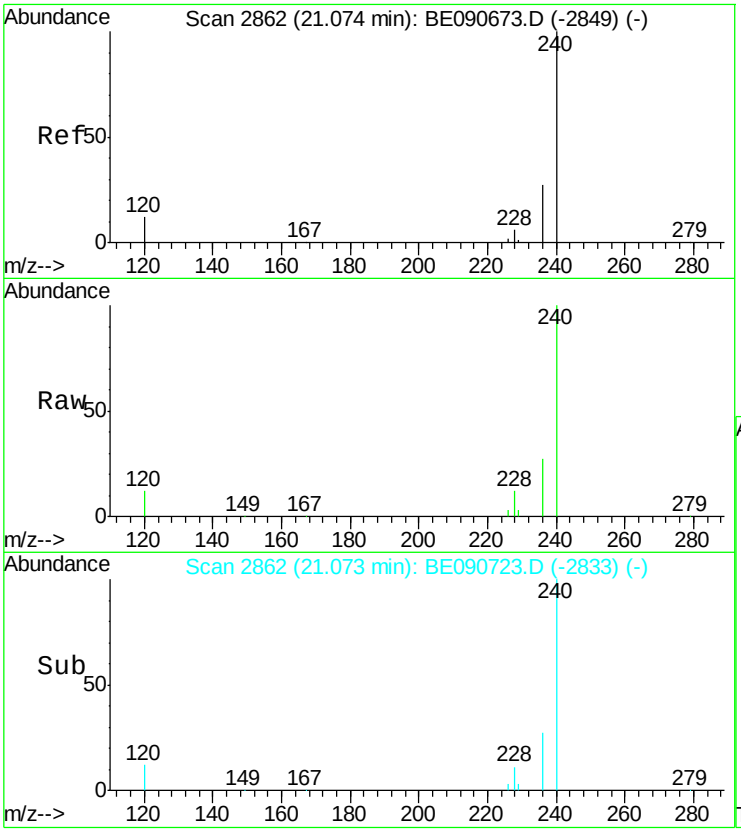


#24
Fluoranthene
Concen: 3.24 ng
RT: 18.96 min Scan# 2502
Delta R.T. -0.01 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Tgt Ion:202 Resp: 225099

Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.0	16.6
203	17.3	13.9	20.9



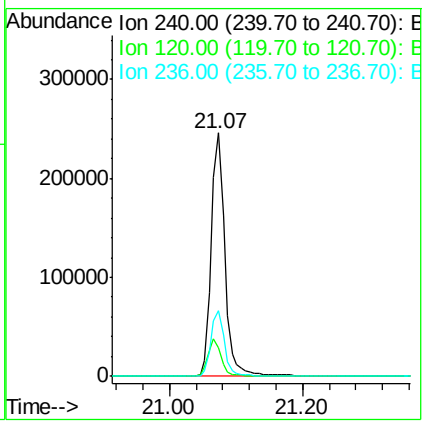


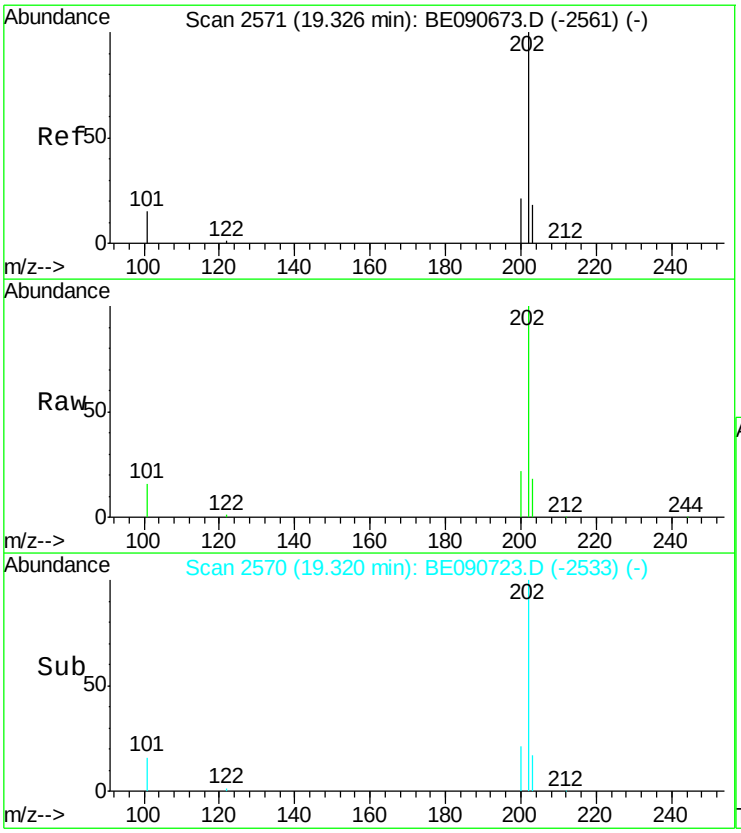
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Instrument :
BNA_E
ClientSampleId :
PB85380BS

Tgt Ion:240 Resp: 344564

Ion	Ratio	Lower	Upper
240	100		
120	11.8	10.1	15.1
236	27.0	21.9	32.9

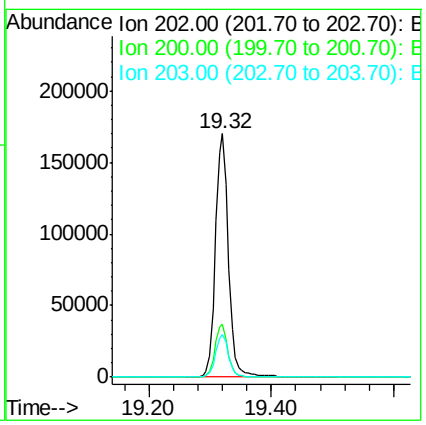


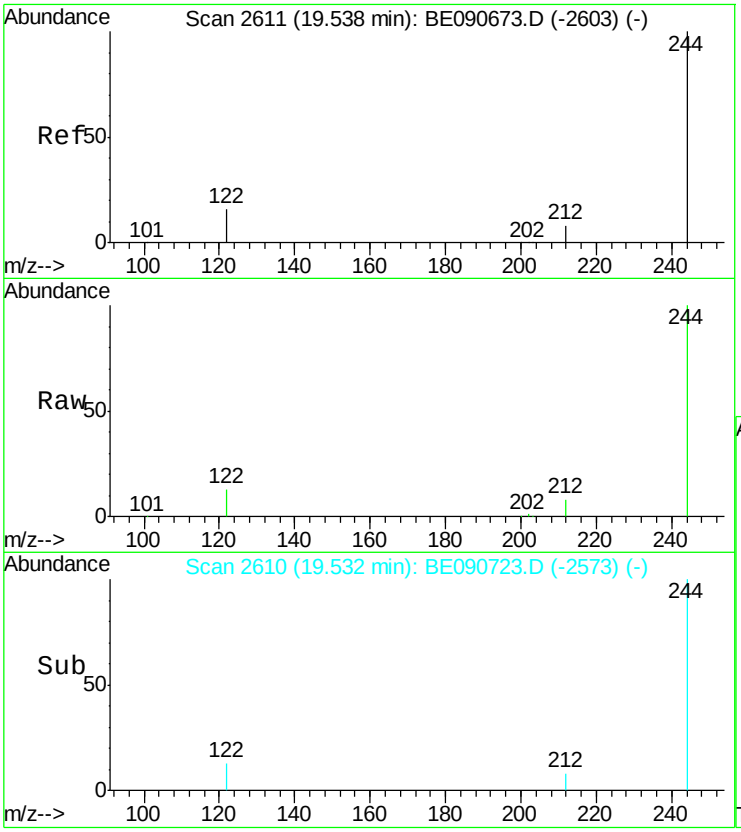


#26
Pyrene
Concen: 3.51 ng
RT: 19.32 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Tgt Ion:202 Resp: 250463

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.7	25.1
203	17.9	13.8	20.6



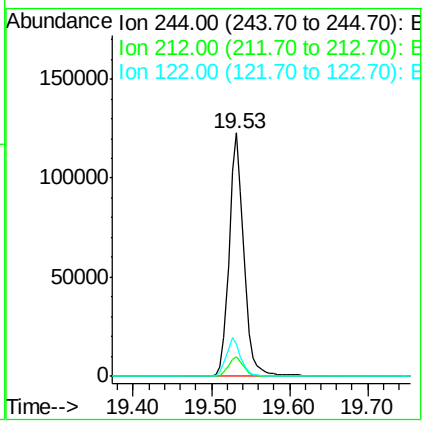


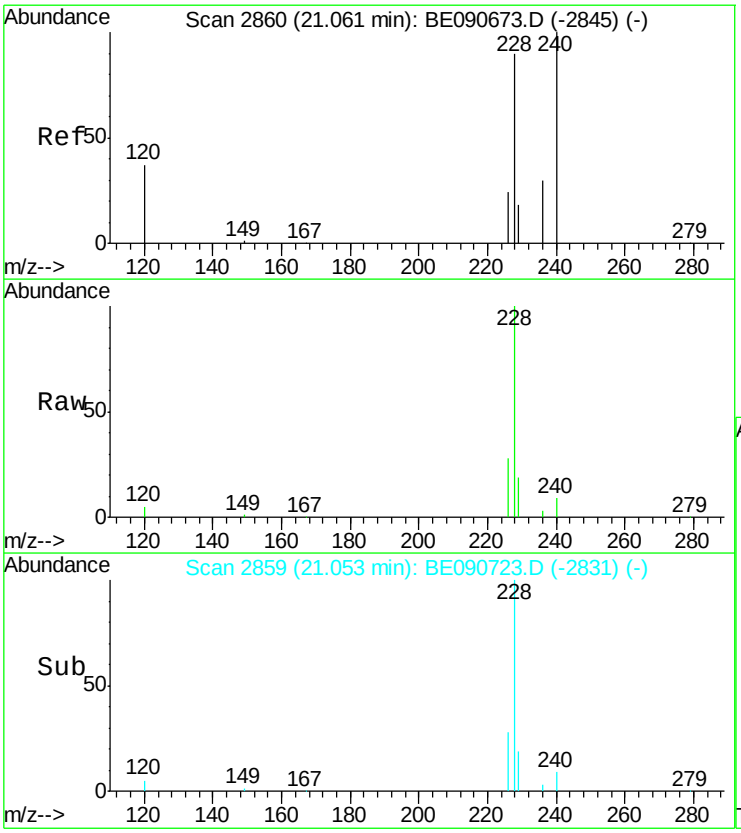
#27
Terphenyl-d14
Concen: 4.19 ng
RT: 19.53 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Instrument :
BNA_E
ClientSampleId :
PB85380BS

Tgt Ion:244 Resp: 159634

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.9	10.3
122	13.3	12.9	19.3

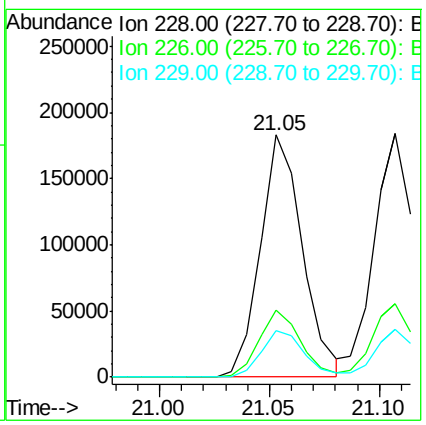


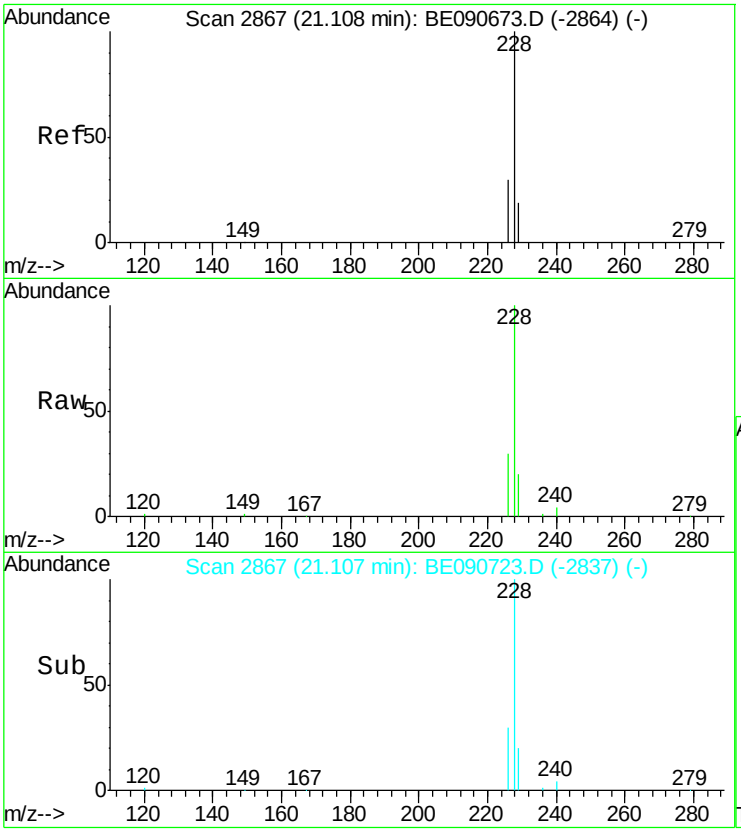


#28
Benzo(a)anthracene
Concen: 3.21 ng
RT: 21.05 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Tgt Ion:228 Resp: 242584

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.6	32.4
229	19.3	15.9	23.9



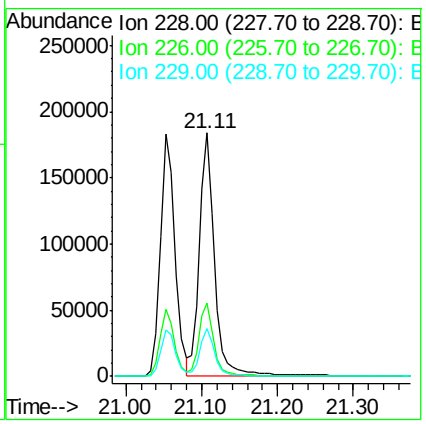


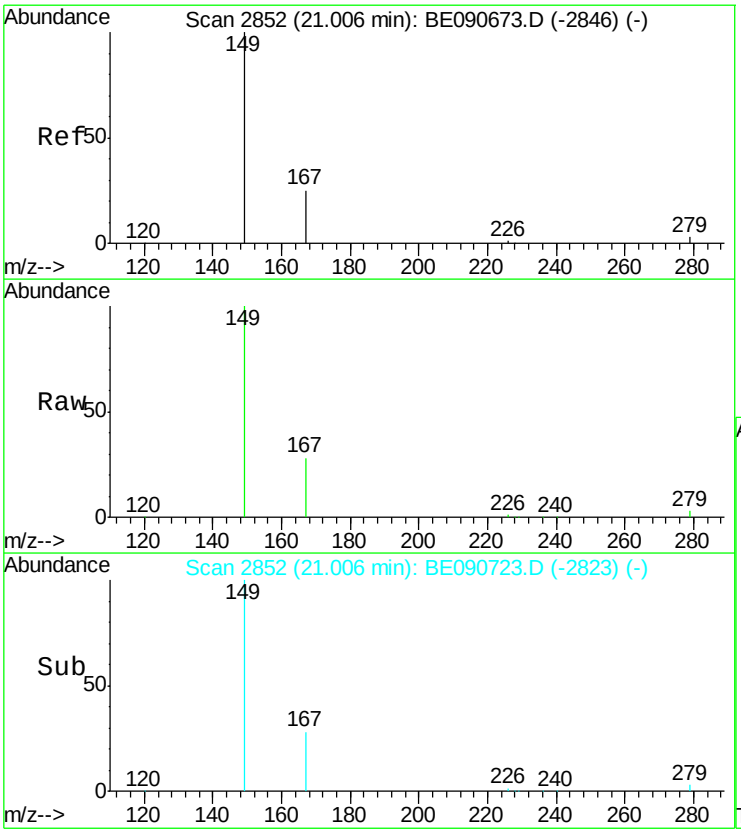
#29
Chrysene
Concen: 3.16 ng
RT: 21.11 min Scan# 2867
Delta R.T. 0.00 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Instrument :
BNA_E
ClientSampleId :
PB85380BS

Tgt Ion:228 Resp: 253651

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.4
229	19.7	15.3	22.9

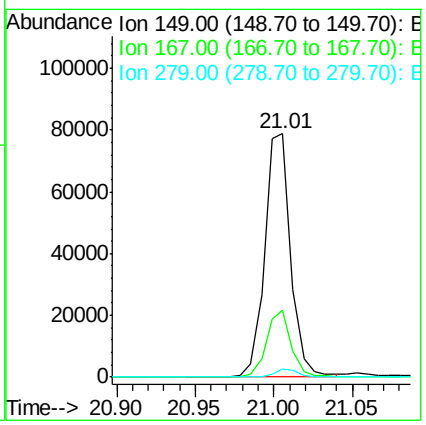


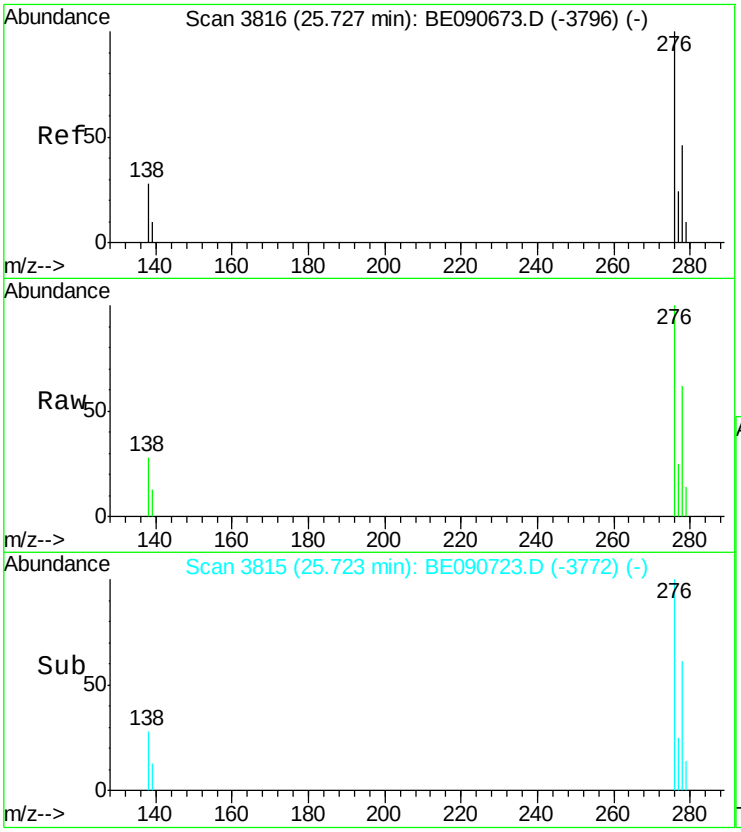


#30
Bis(2-ethylhexyl)phthalate
Concen: 3.74 ng
RT: 21.01 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Tgt Ion:149 Resp: 90690

Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.1	30.1
279	3.1	2.3	3.5



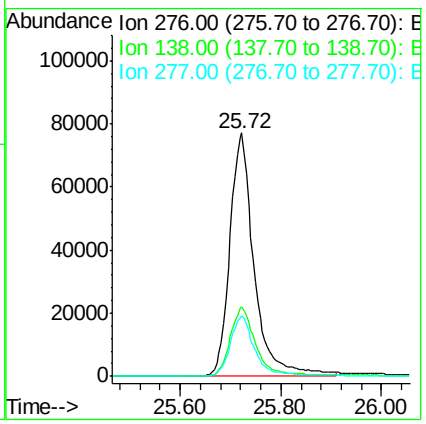


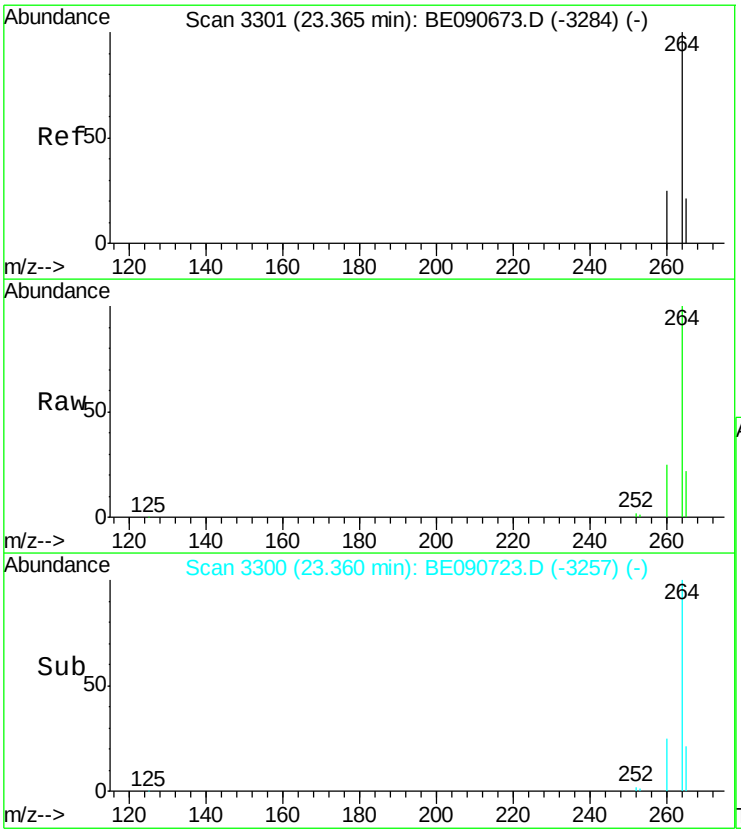
#31
Indeno(1,2,3-cd)pyrene
Concen: 3.19 ng
RT: 25.72 min Scan# 3815
Delta R.T. -0.00 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Instrument :
BNA_E
ClientSampleId :
PB85380BS

Tgt Ion:276 Resp: 259286

Ion	Ratio	Lower	Upper
276	100		
138	29.9	23.3	34.9
277	25.1	19.8	29.6

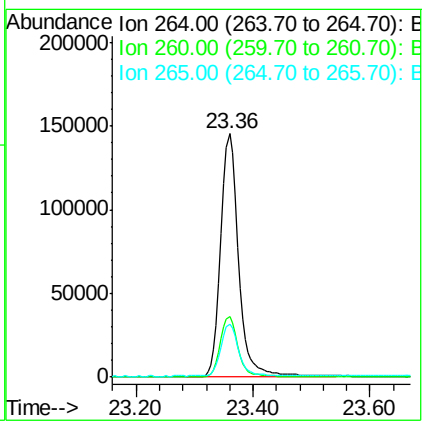


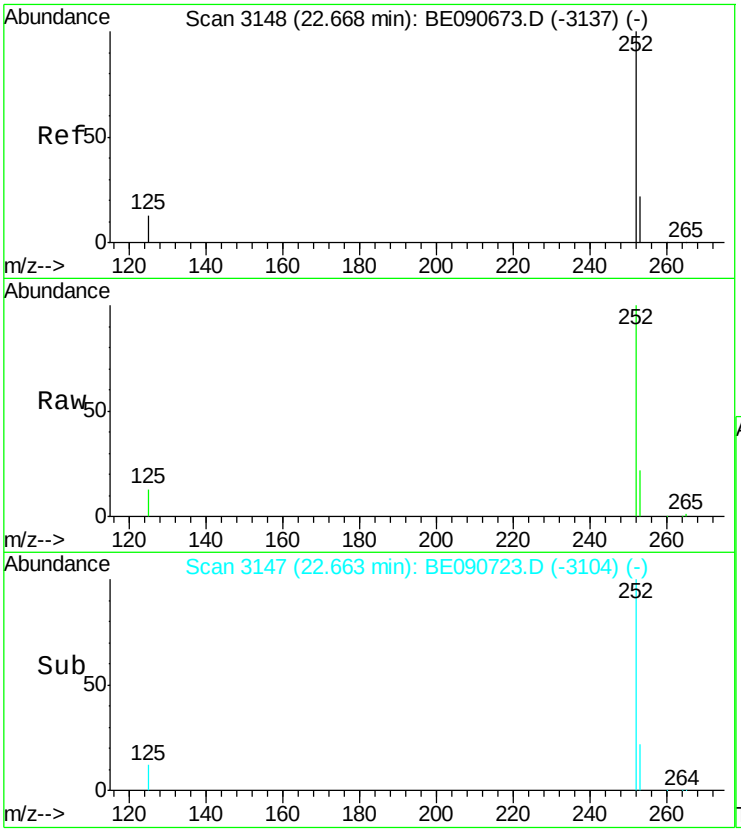


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3300
Delta R.T. -0.01 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Tgt Ion:264 Resp: 306902

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	21.8	17.5	26.3



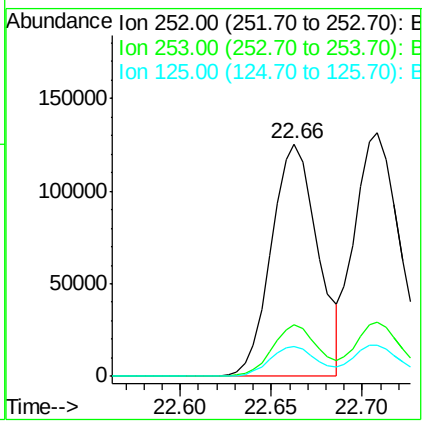


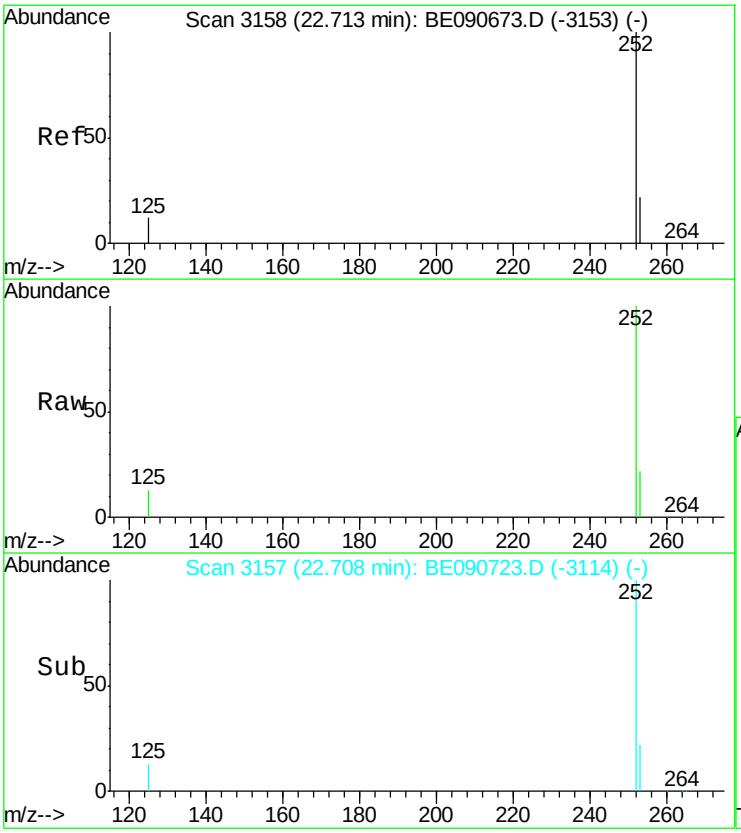
#33
Benzo(b)fluoranthene
Concen: 3.35 ng
RT: 22.66 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Instrument :
BNA_E
ClientSampleId :
PB85380BS

Tgt Ion:252 Resp: 223122

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	12.6	10.6	16.0

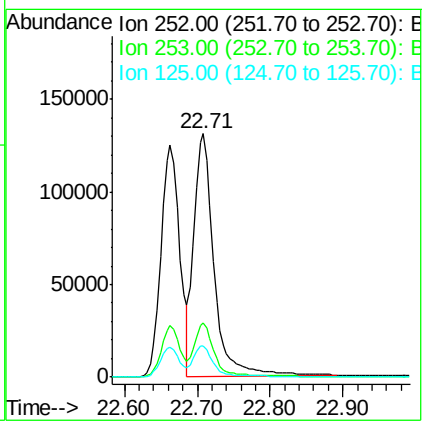


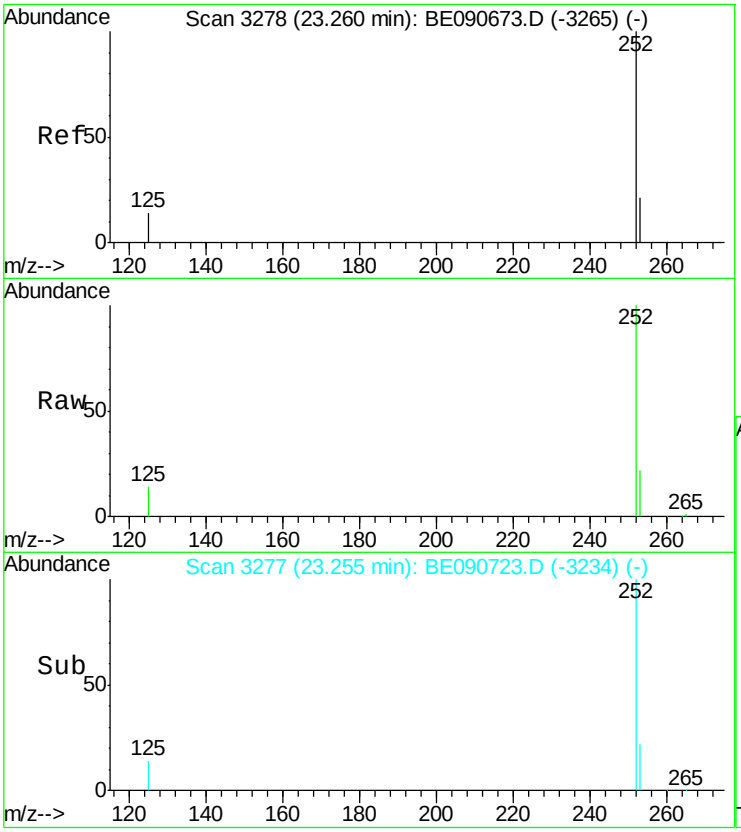


#34
Benzo(k)fluoranthene
Concen: 3.22 ng
RT: 22.71 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Tgt Ion:252 Resp: 249519

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	12.7	10.1	15.1



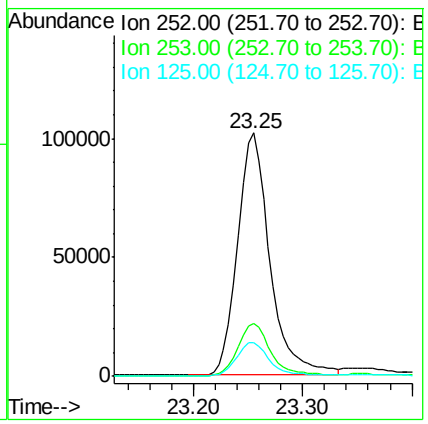


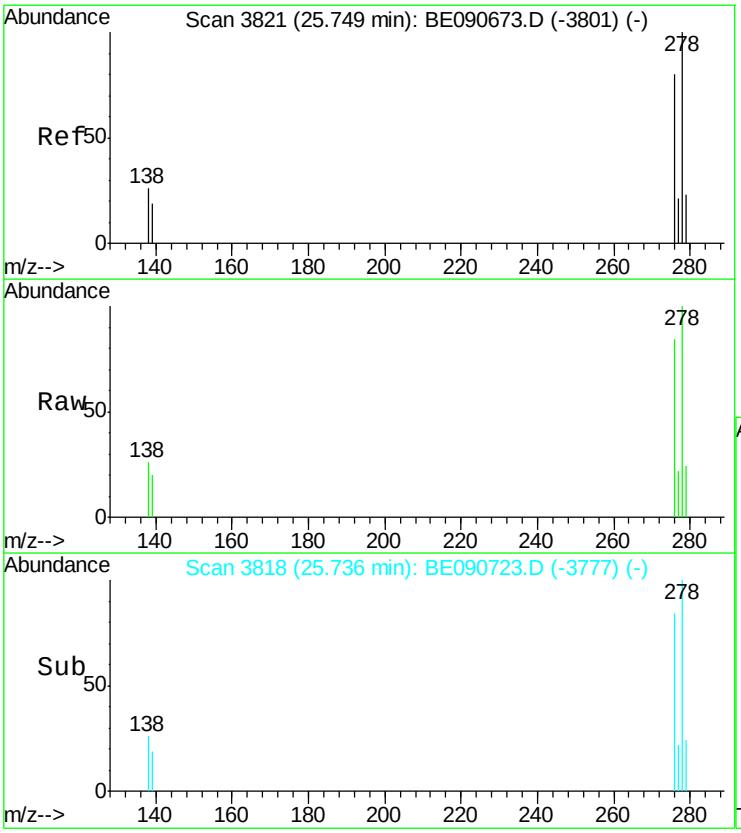
#35
Benzo(a)pyrene
Concen: 3.54 ng
RT: 23.25 min Scan# 3277
Delta R.T. -0.01 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Instrument :
BNA_E
ClientSampleId :
PB85380BS

Tgt Ion:252 Resp: 210513

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	14.0	11.6	17.4

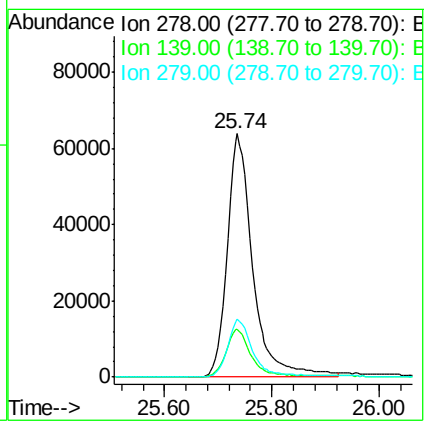


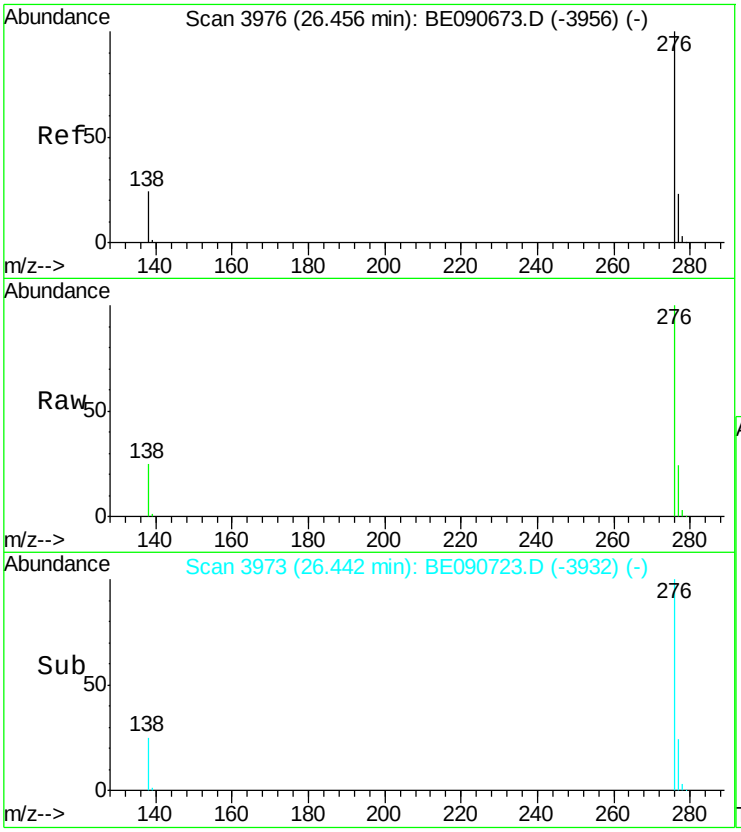


#36
Dibenzo(a,h)anthracene
Concen: 2.98 ng
RT: 25.74 min Scan# 3818
Delta R.T. -0.01 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Tgt Ion:278 Resp: 211958

Ion	Ratio	Lower	Upper
278	100		
139	19.6	15.4	23.0
279	23.8	18.8	28.2





#37
Benzo(g,h,i)perylene
Concen: 3.26 ng
RT: 26.44 min Scan# 3973
Delta R.T. -0.01 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Instrument :
BNA_E
ClientSampleId :
PB85380BS

Tgt Ion:276 Resp: 223028

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.5	27.7
138	25.5	20.1	30.1