Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071715\
Data File : BE090155.D
Acq On : 17 Jul 2015 21:01
Operator : TP/IZ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Jul 18 00:03:12 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 17 23:58:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	11999	5.00	ng	0.00
6) Naphthalene-d8	10.36	136	56835	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	32059	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	81808	5.00	ng	0.00
25) Chrysene-d12	21.11	240	91233	5.00	ng	0.00
32) Perylene-d12	23.43	264	94327	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	2359	0.90	ng	0.00
5) Phenol-d6	6.79	99	3099	0.85	ng	0.00
7) Nitrobenzene-d5	8.75	82	3205	0.77	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	635	1.08	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	7883	0.80	ng	0.00
27) Terphenyl-d14	19.58	244	12957	0.85	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	1235	0.78	ng	99
3) n-Nitrosodimethylamine	3.51	42	1779	0.92	ng	98
8) Nitrobenzene	8.79	77	3155	0.72	ng	99
9) Naphthalene	10.41	128	10198	0.80	ng	100
10) Hexachlorobutadiene	10.71	225	1269	0.61	ng	100
11) 2-Methylnaphthalene	12.03	142	6815	0.83	ng	100
15) Acenaphthylene	13.93	152	47951	0.84	ng	100
16) Acenaphthene	14.28	154	6735	0.82	ng	99
17) Fluorene	15.27	166	9050	0.84	ng	100
19) 4-Bromophenyl-phenylether	16.16	248	2459	0.71	ng	98
20) Hexachlorobenzene	16.28	284	8799	0.60	ng	100
21) Pentachlorophenol	16.63	266	724	1.05	ng	98
22) Phenanthrene	17.00	178	14925	0.73	ng	100
23) Anthracene	17.10	178	14260	0.79	ng	100
24) Fluoranthene	19.00	202	16863	0.83	ng	100
26) Pyrene	19.36	202	17418	0.72	ng	99
28) Benzo(a)anthracene	21.10	228	17392	1.07	ng	99
29) Chrysene	21.15	228	17655	0.66	ng	98
30) Bis(2-ethylhexyl)phthalate	21.05	149	8757	1.98	ng	100
31) Indeno(1,2,3-cd)pyrene	25.82	276	20841	2.61	ng	100
33) Benzo(b)fluoranthene	22.72	252	16059	1.80	ng	100
34) Benzo(k)fluoranthene	22.77	252	18825	0.94	ng	99
35) Benzo(a)pyrene	23.32	252	15785	1.40	ng	100
36) Dibenzo(a,h)anthracene	25.85	278	16765	2.35	ng	99
37) Benzo(g,h,i)perylene	26.57	276	17294	1.45	ng	98

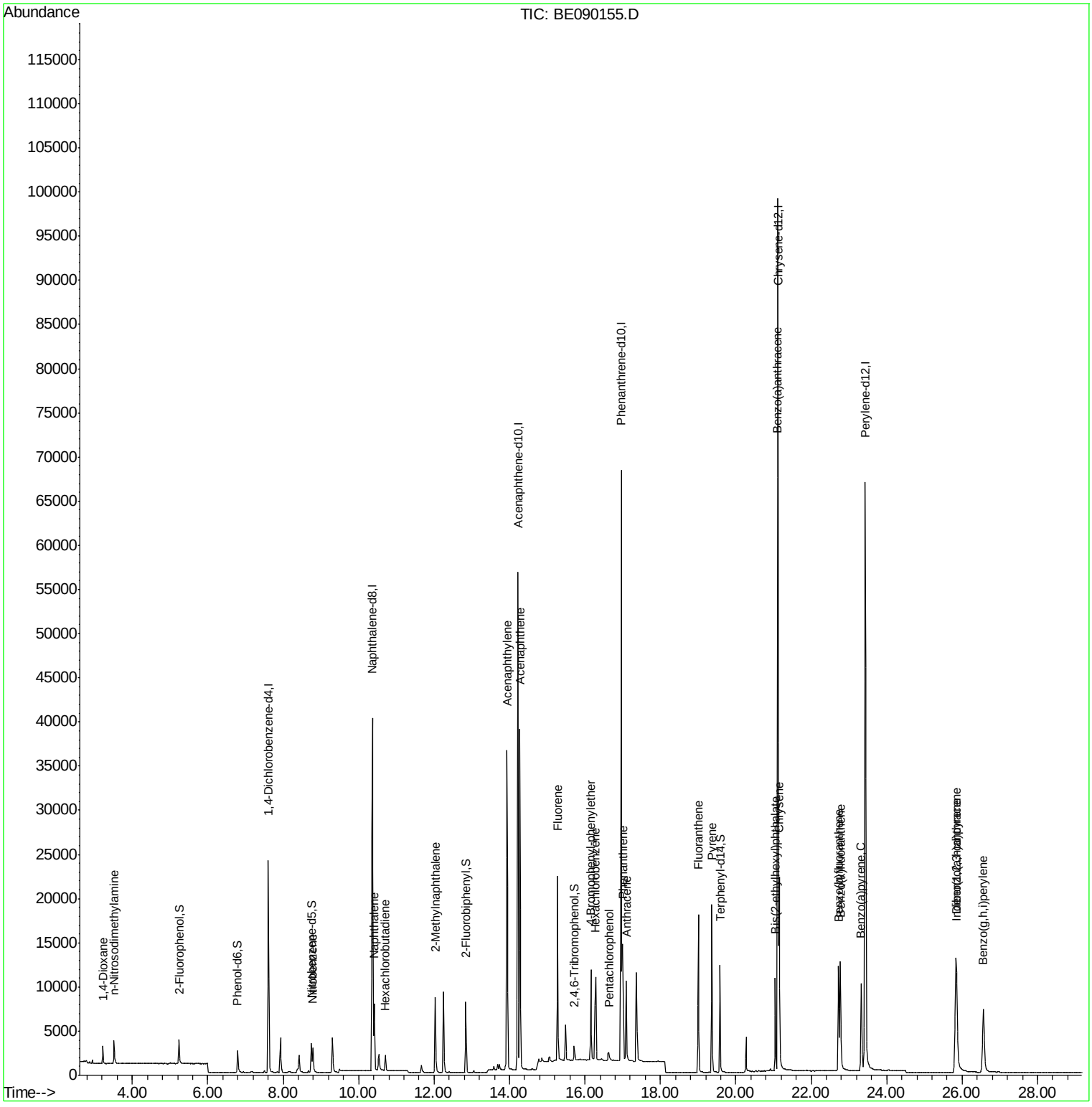
(#) = qualifier out of range (m) = manual integration (+) = signals summed

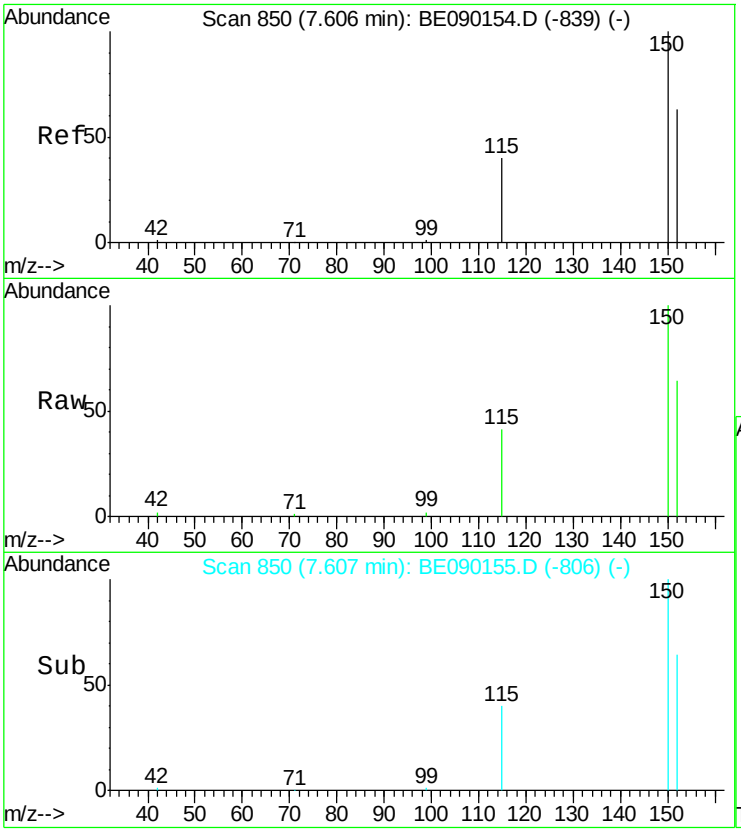
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071715\
Data File : BE090155.D
Acq On : 17 Jul 2015 21:01
Operator : TP/IZ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Jul 18 00:03:12 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 17 23:58:28 2015
Response via : Initial Calibration



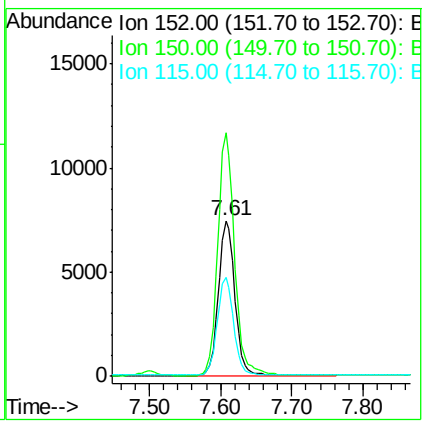


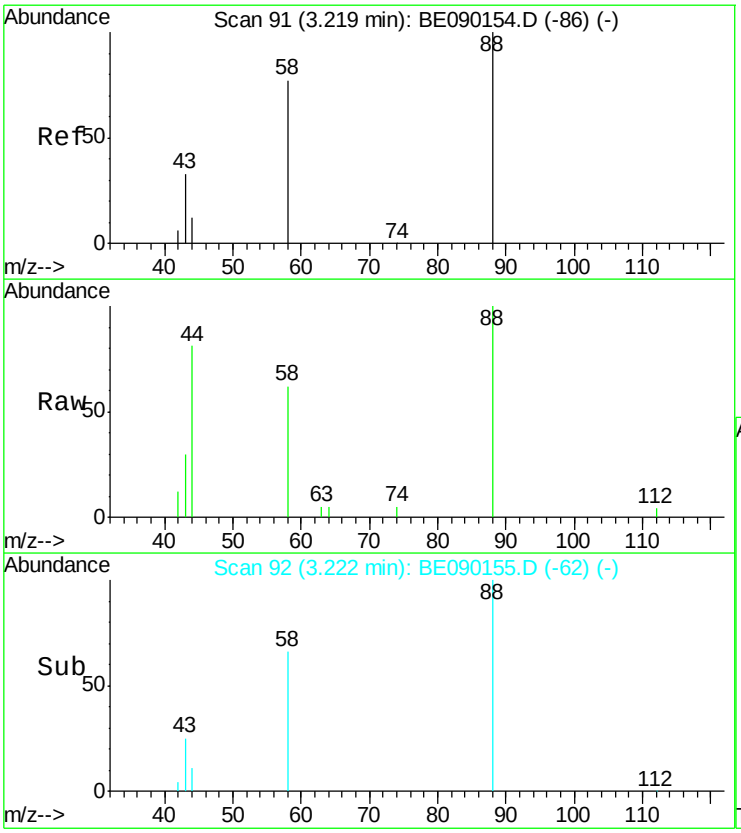
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 850
Delta R.T. 0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 11999

Ion	Ratio	Lower	Upper
152	100		
150	156.5	127.2	190.8
115	63.8	51.6	77.4

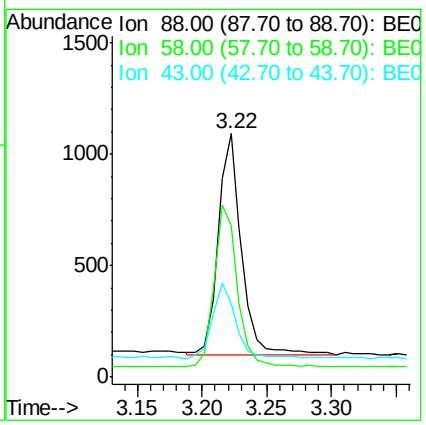


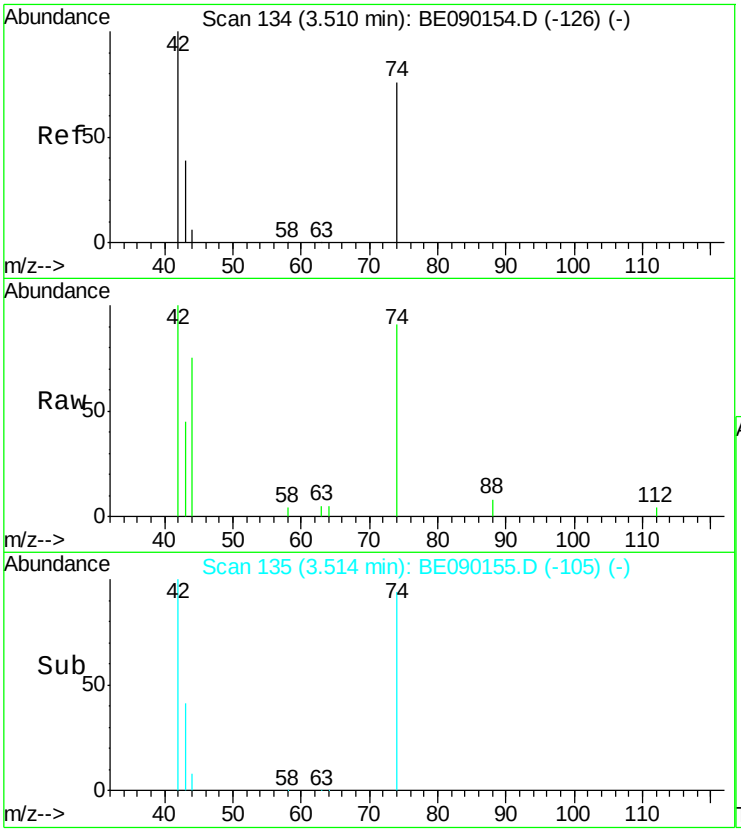


#2
1,4-Dioxane
Concen: 0.78 ng
RT: 3.22 min Scan# 92
Delta R.T. 0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Tgt Ion: 88 Resp: 1235

Ion	Ratio	Lower	Upper
88	100		
58	73.2	58.2	87.2
43	33.4	27.7	41.5



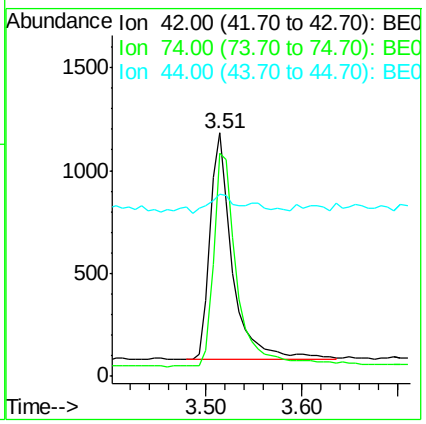


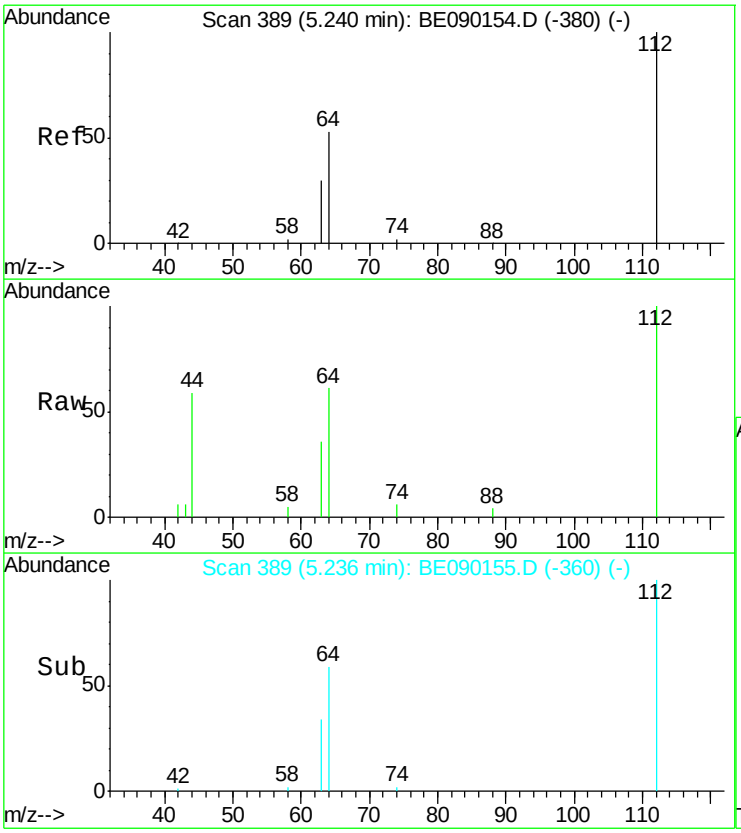
#3
n-Nitrosodimethylamine
Concen: 0.92 ng
RT: 3.51 min Scan# 135
Delta R.T. 0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 1779

Ion	Ratio	Lower	Upper
42	100		
74	100.5	82.2	123.4
44	8.8	7.5	11.3

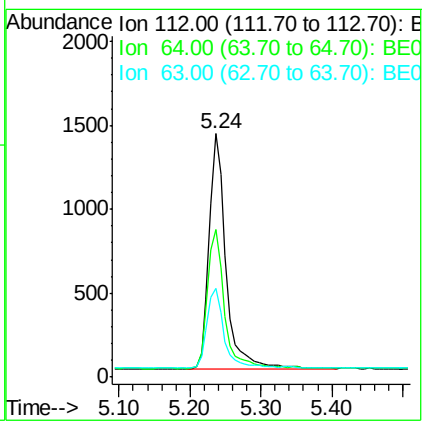


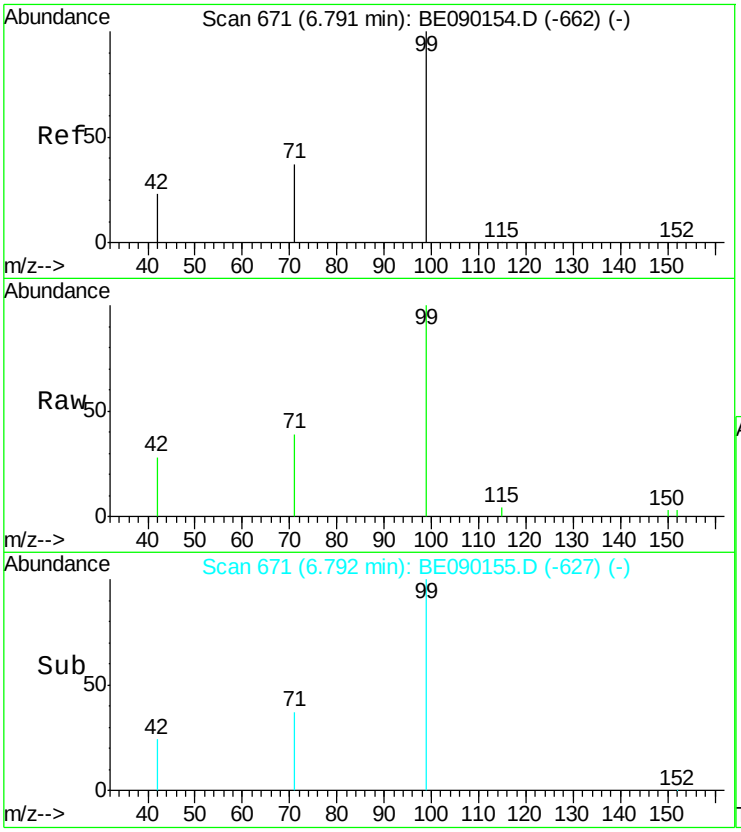


#4
2-Fluorophenol
Concen: 0.90 ng
RT: 5.24 min Scan# 389
Delta R.T. -0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Tgt Ion:112 Resp: 2359

Ion	Ratio	Lower	Upper
112	100		
64	58.4	46.7	70.1
63	34.2	27.3	40.9



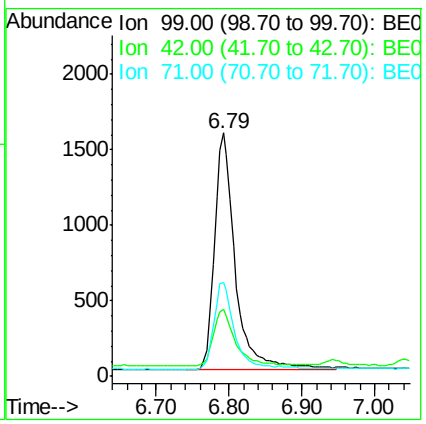


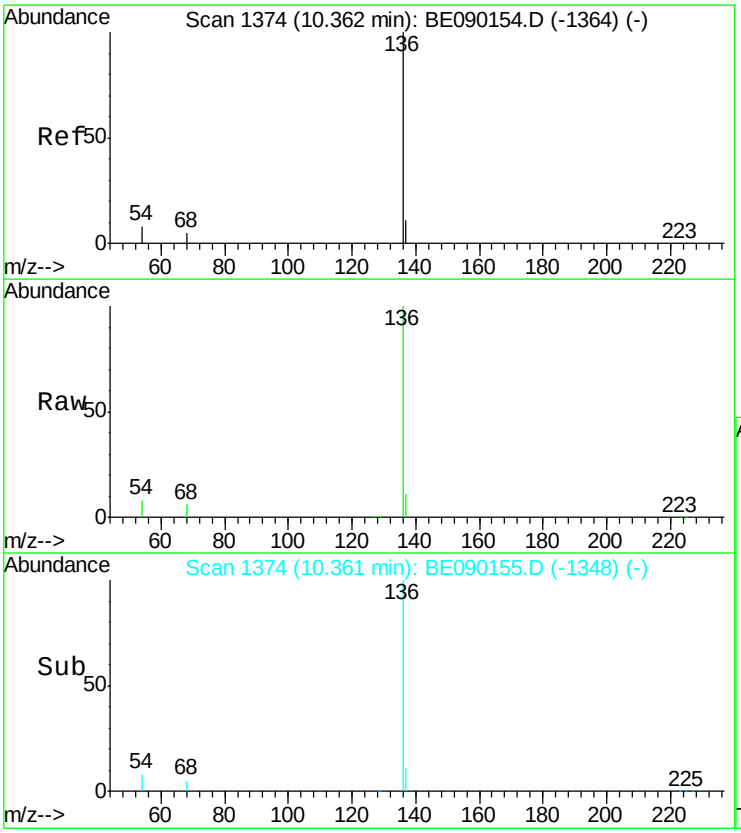
#5
Phenol-d6
Concen: 0.85 ng
RT: 6.79 min Scan# 671
Delta R.T. 0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 3099

Ion	Ratio	Lower	Upper
99	100		
42	24.7	19.1	28.7
71	36.9	29.4	44.2

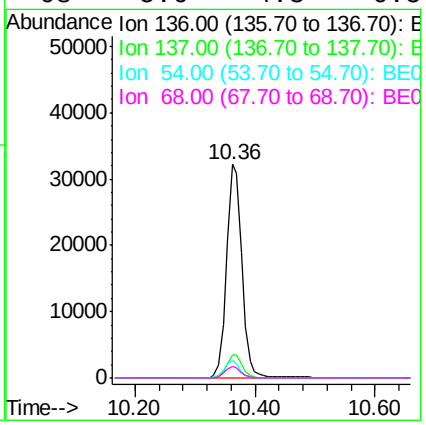


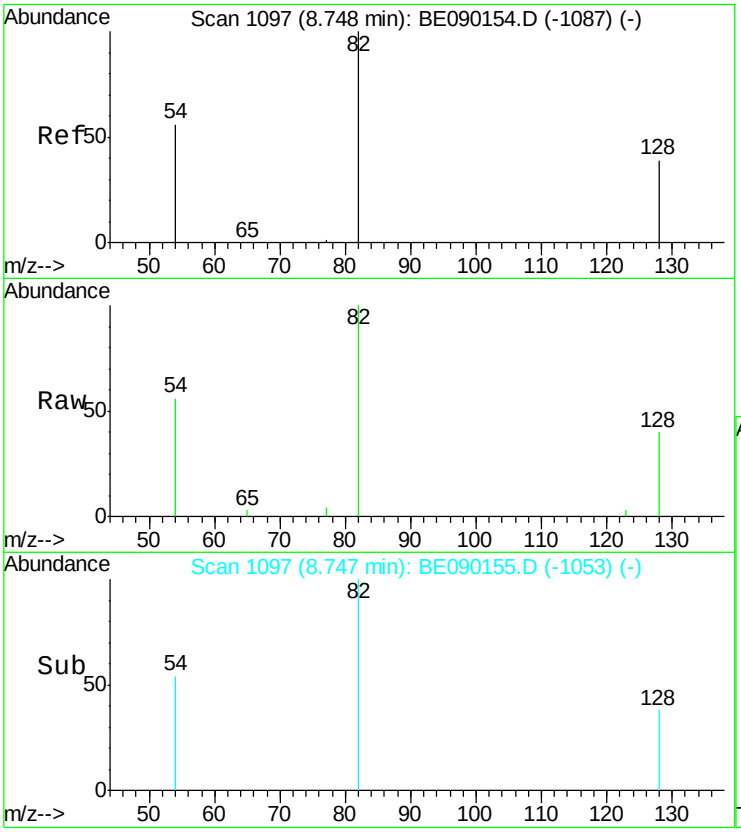


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.36 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Tgt Ion:136 Resp: 56835

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.2	6.3	9.5
68	5.6	4.3	6.5



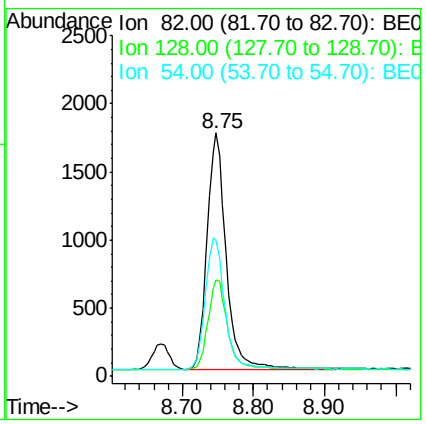


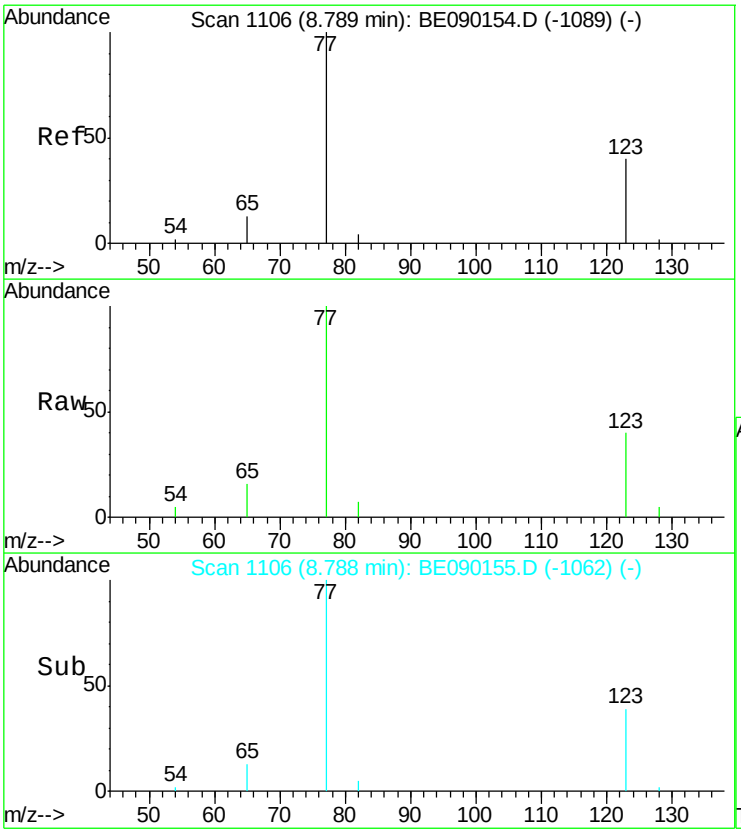
#7
Nitrobenzene-d5
Concen: 0.77 ng
RT: 8.75 min Scan# 1097
Delta R.T. -0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 82 Resp: 3205

Ion	Ratio	Lower	Upper
82	100		
128	39.6	32.7	49.1
54	55.7	45.9	68.9

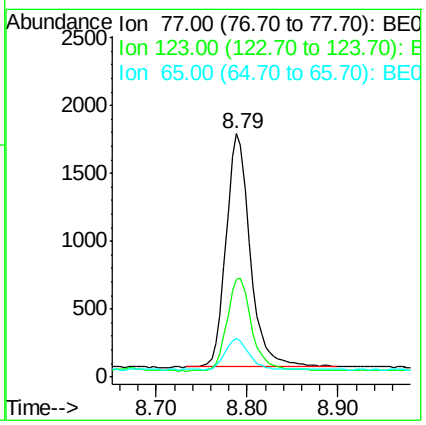


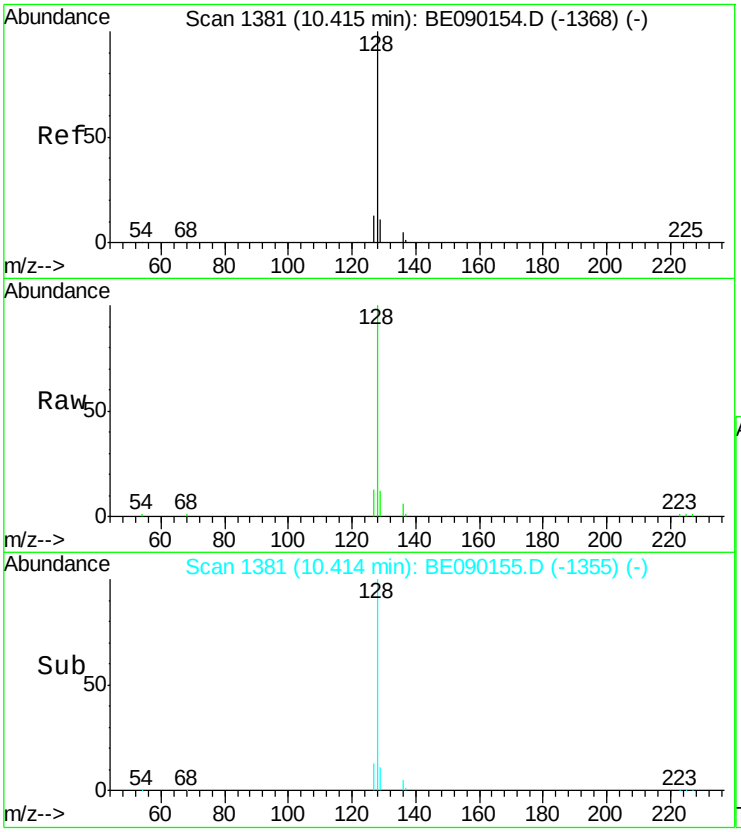


#8
Nitrobenzene
Concen: 0.72 ng
RT: 8.79 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Tgt Ion: 77 Resp: 3155

Ion	Ratio	Lower	Upper
77	100		
123	41.3	32.3	48.5
65	13.5	10.4	15.6



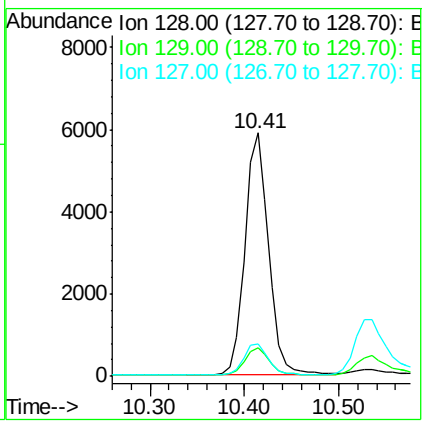


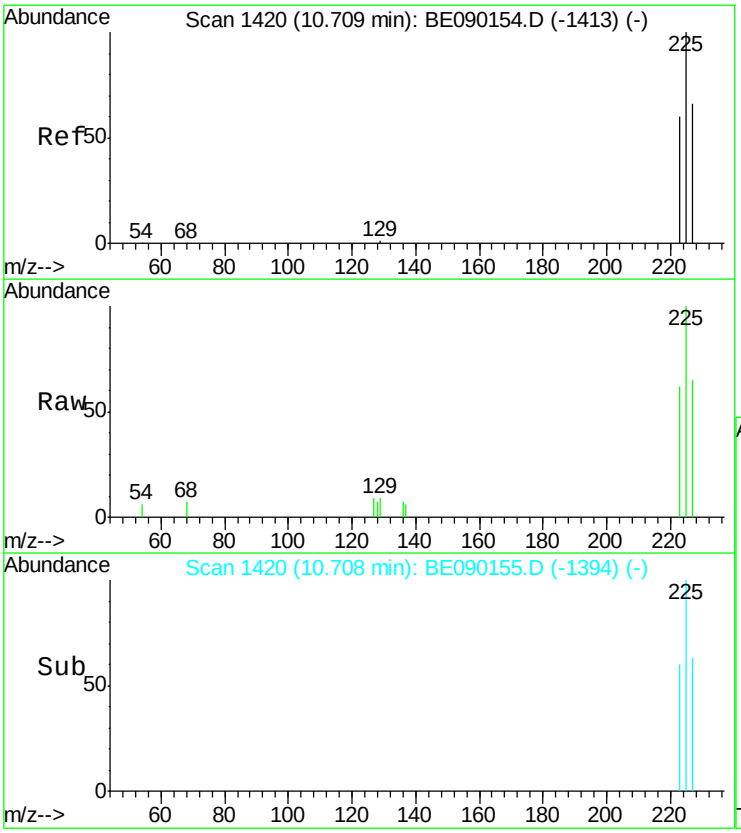
#9
Naphthalene
Concen: 0.80 ng
RT: 10.41 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 10198

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.8	14.6
127	13.5	10.7	16.1

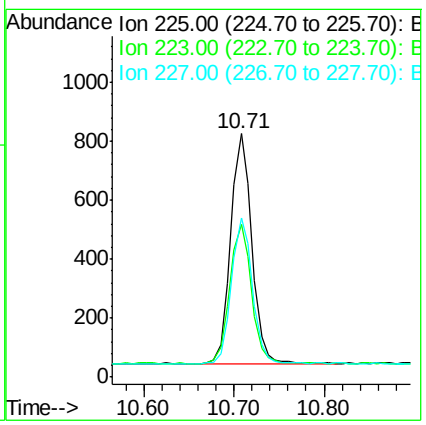


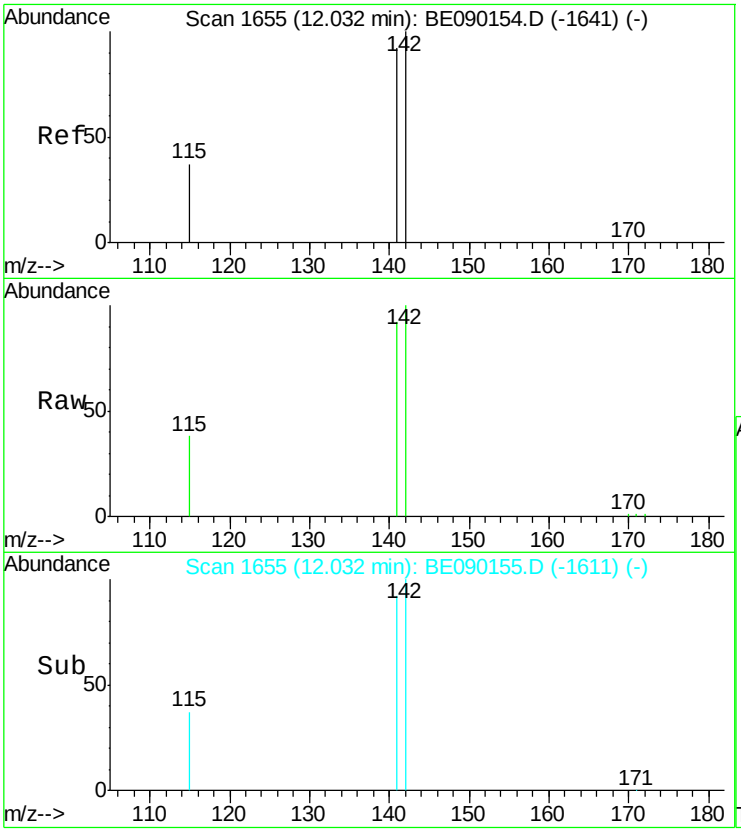


#10
Hexachlorobutadiene
Concen: 0.61 ng
RT: 10.71 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Tgt Ion:225 Resp: 1269

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.3	75.5
227	63.4	51.3	76.9



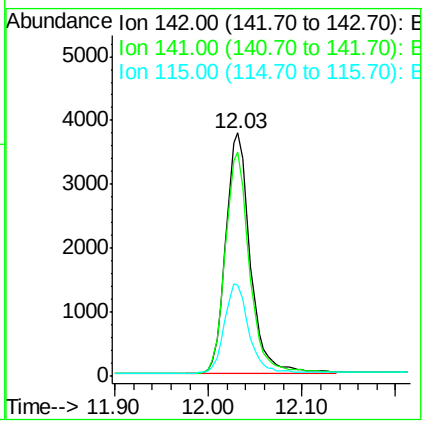


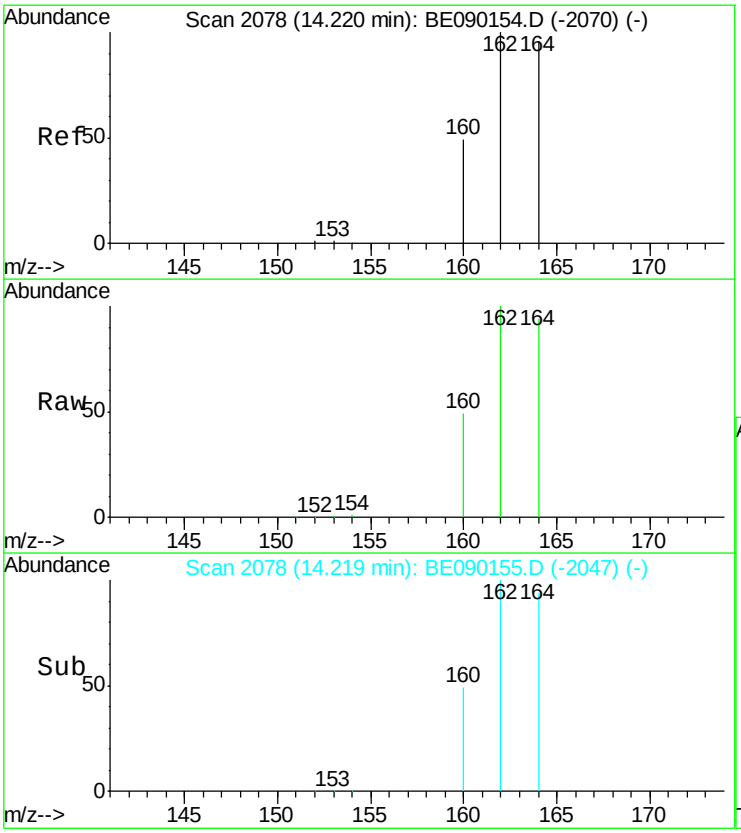
#11
2-Methylnaphthalene
Concen: 0.83 ng
RT: 12.03 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:142 Resp: 6815

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.9	110.9
115	37.5	30.0	45.0

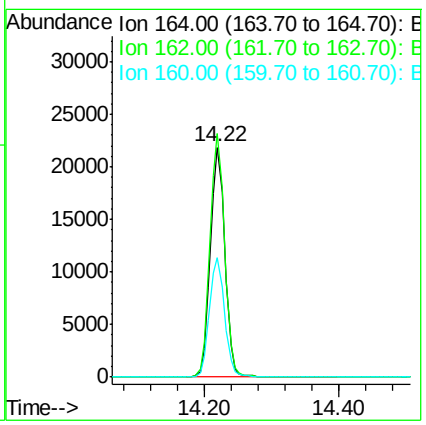


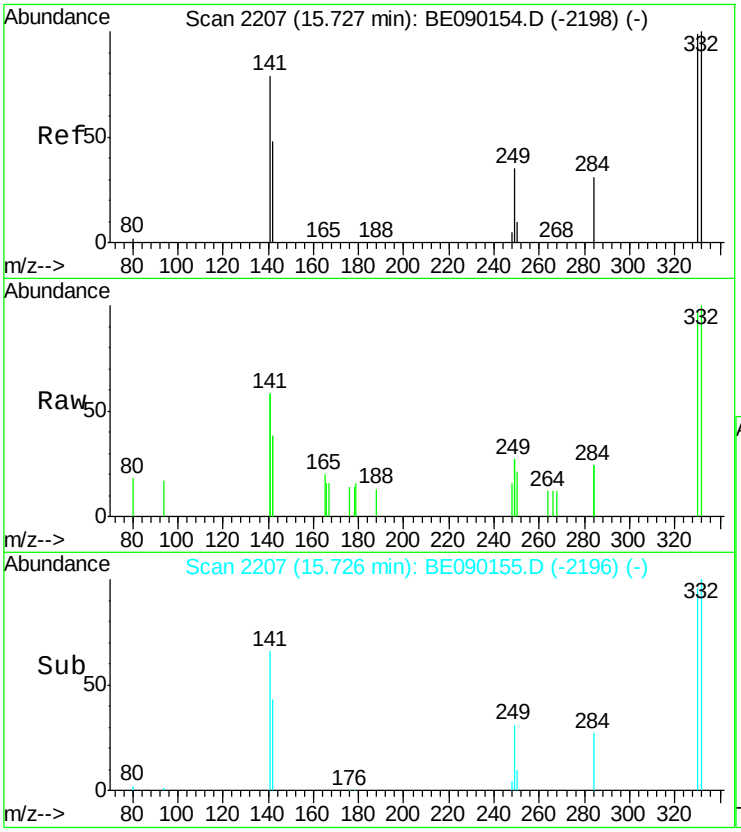


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Tgt Ion:164 Resp: 32059

Ion	Ratio	Lower	Upper
164	100		
162	105.9	83.3	124.9
160	51.8	40.9	61.3



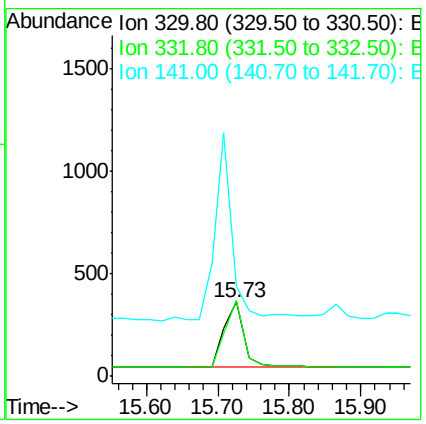


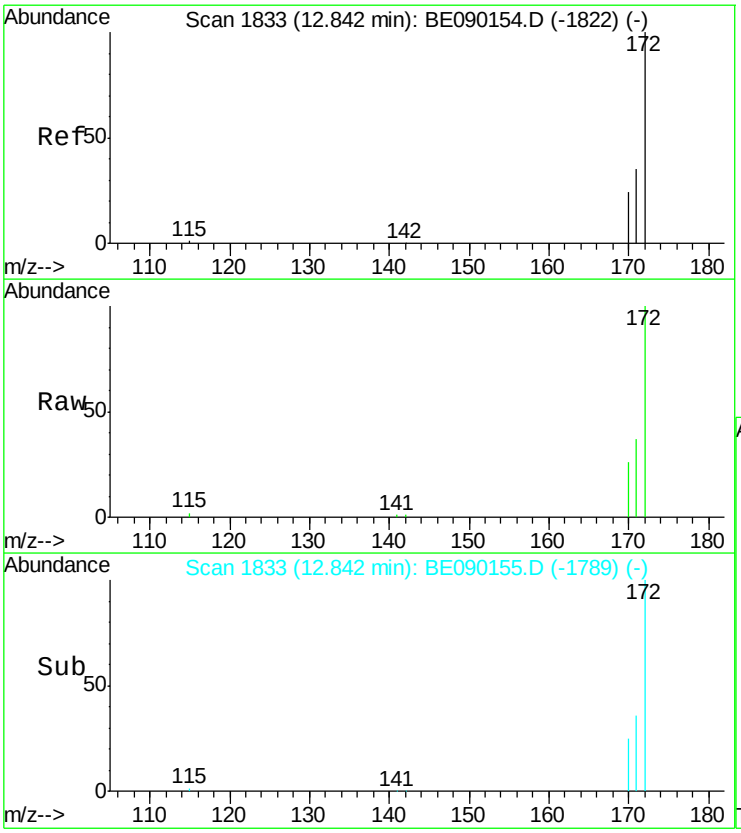
#13
2,4,6-Tribromophenol
Concen: 1.08 ng
RT: 15.73 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:330 Resp: 635

Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.2	117.2
141	256.4	215.8	323.6

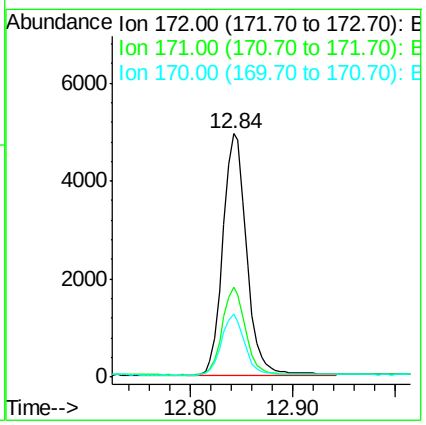


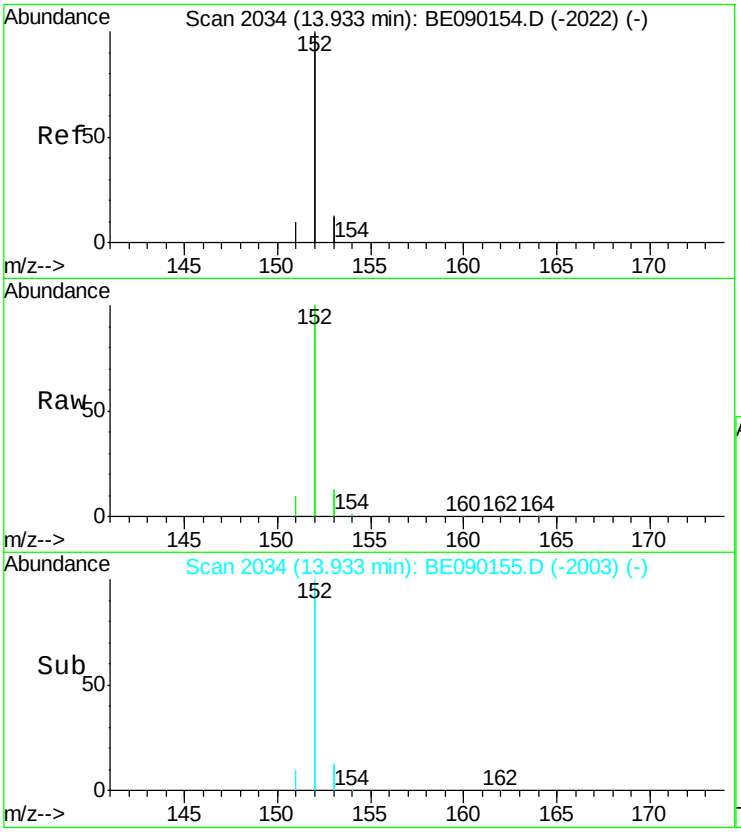


#14
2-Fluorobiphenyl
Concen: 0.80 ng
RT: 12.84 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Tgt Ion:172 Resp: 7883

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.5	42.7
170	25.9	19.7	29.5



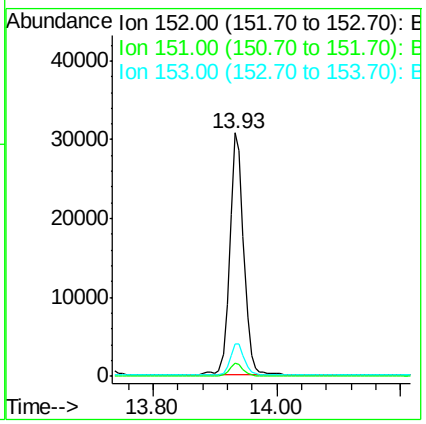


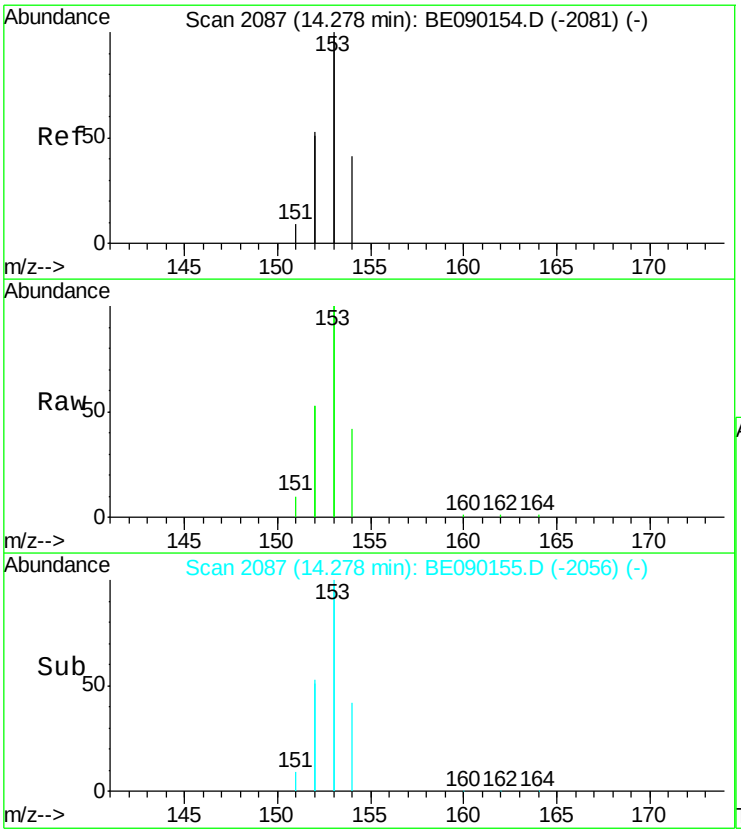
#15
Acenaphthylene
Concen: 0.84 ng
RT: 13.93 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 47951

Ion	Ratio	Lower	Upper
152	100		
151	5.0	4.0	6.0
153	13.1	10.4	15.6

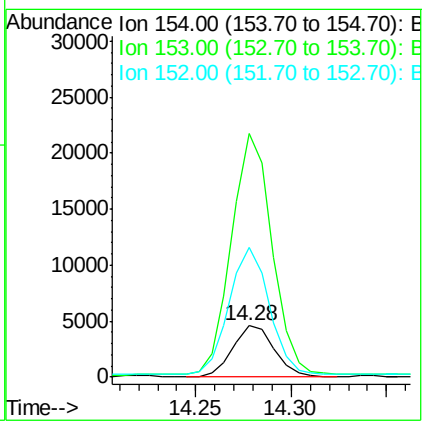


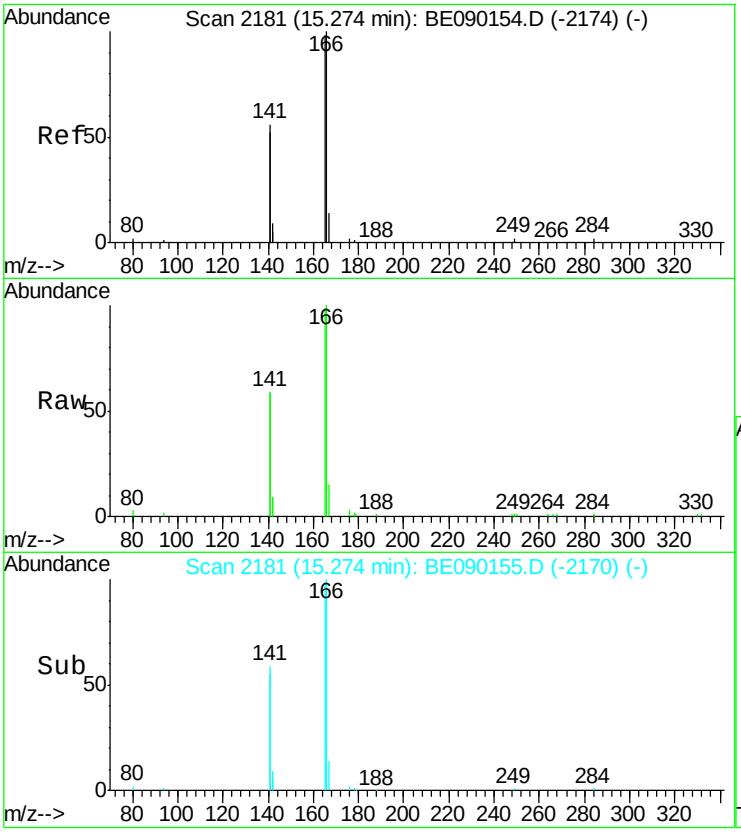


#16
Acenaphthene
Concen: 0.82 ng
RT: 14.28 min Scan# 2087
Delta R.T. -0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Tgt Ion:154 Resp: 6735

Ion	Ratio	Lower	Upper
154	100		
153	472.3	376.9	565.3
152	250.2	199.0	298.6



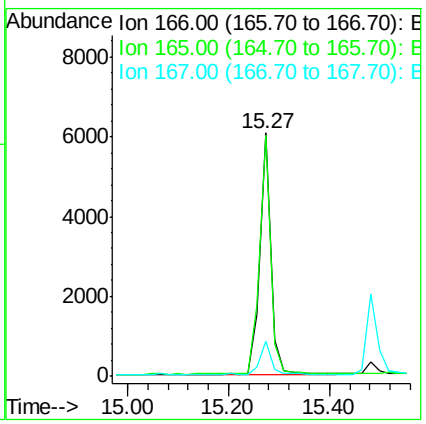


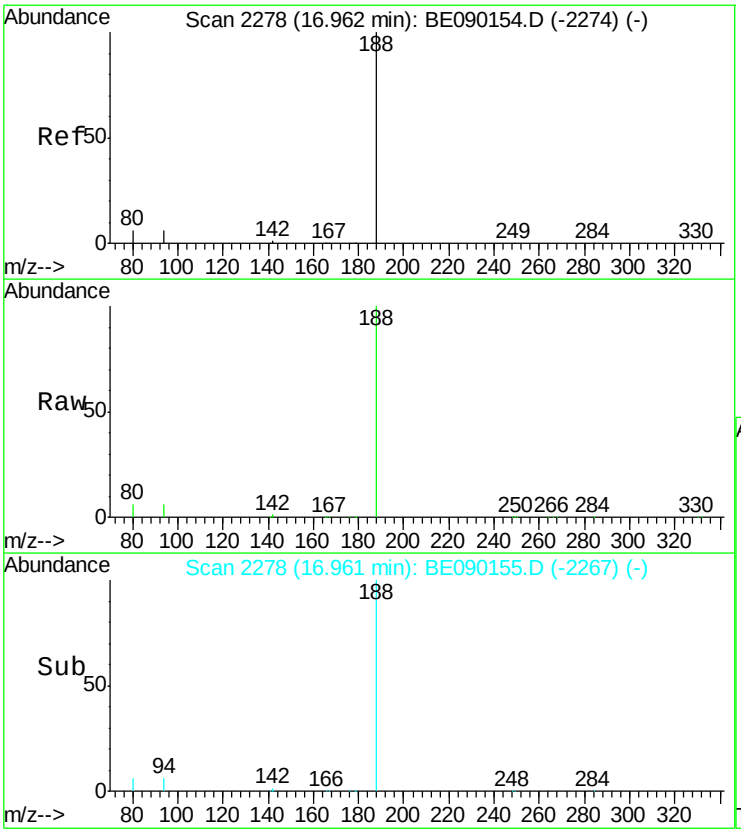
#17
Fluorene
Concen: 0.84 ng
RT: 15.27 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:166 Resp: 9050

Ion	Ratio	Lower	Upper
166	100		
165	101.6	81.5	122.3
167	14.4	11.9	17.9

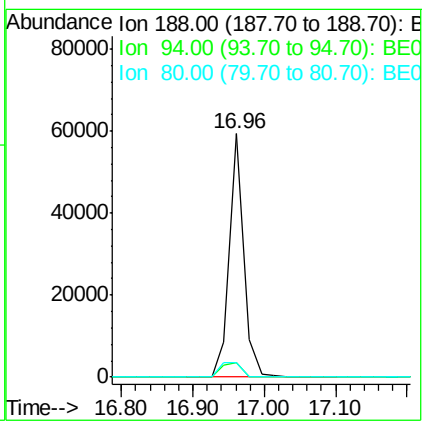


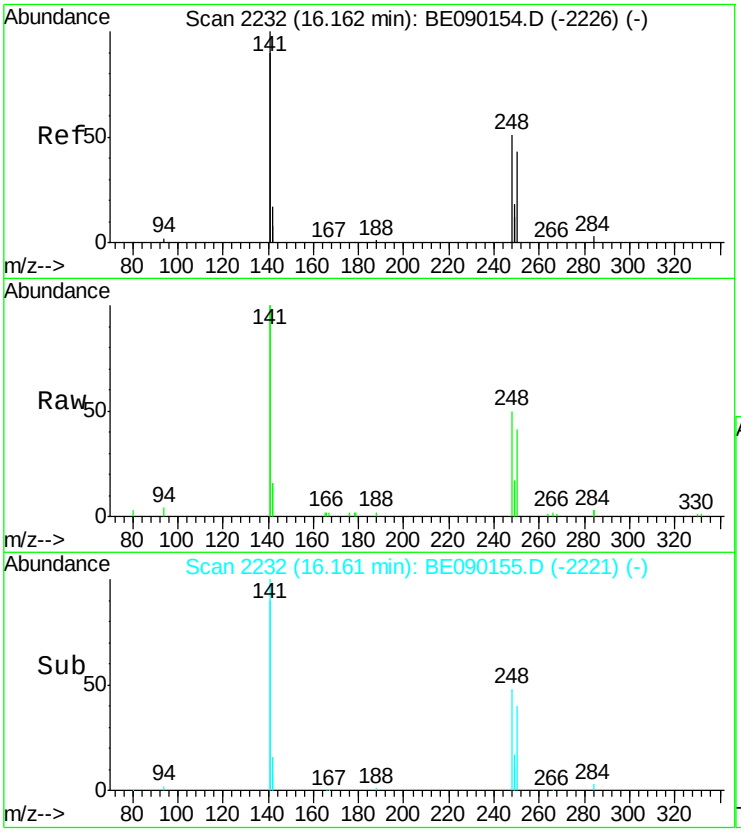


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.96 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Tgt Ion:188 Resp: 81808

Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.6	7.0
80	6.0	4.6	6.8



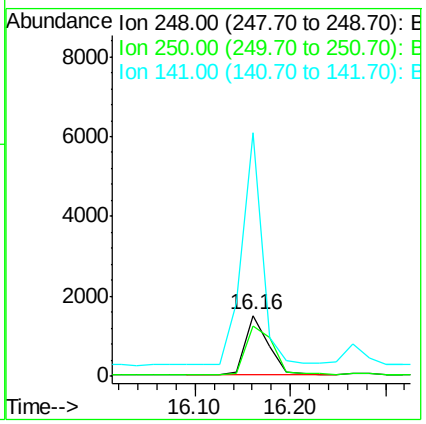


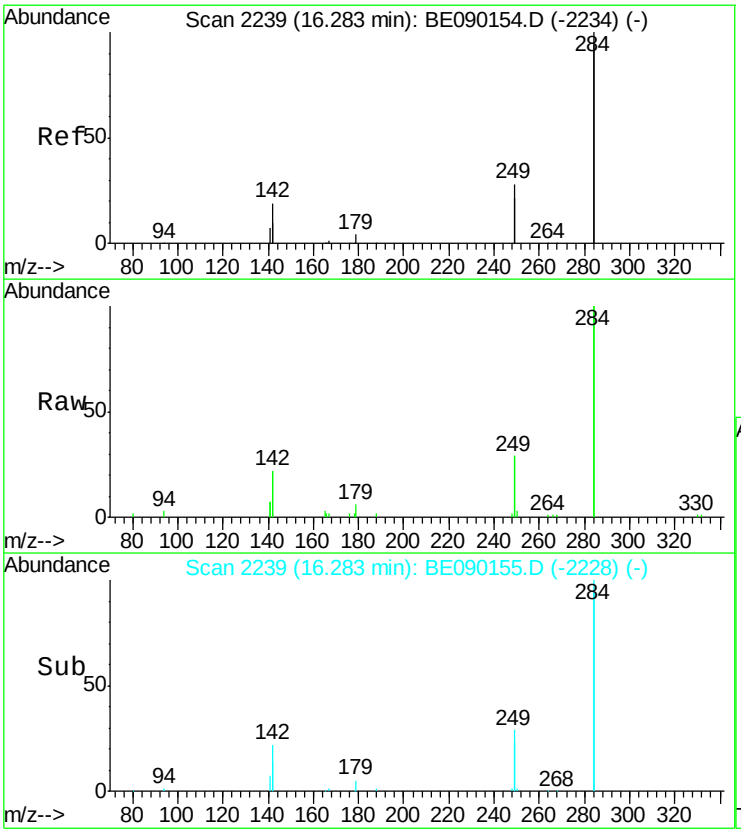
#19
4-Bromophenyl-phenylether
Concen: 0.71 ng
RT: 16.16 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:248 Resp: 2459

Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.4	116.0
141	357.3	281.3	421.9

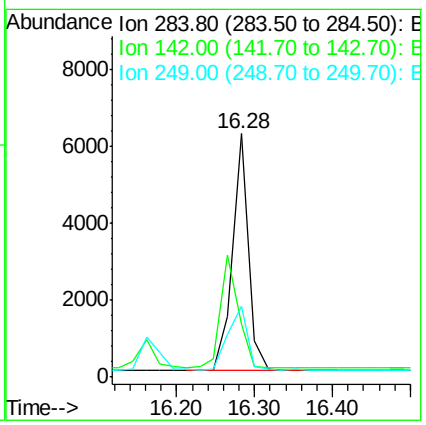


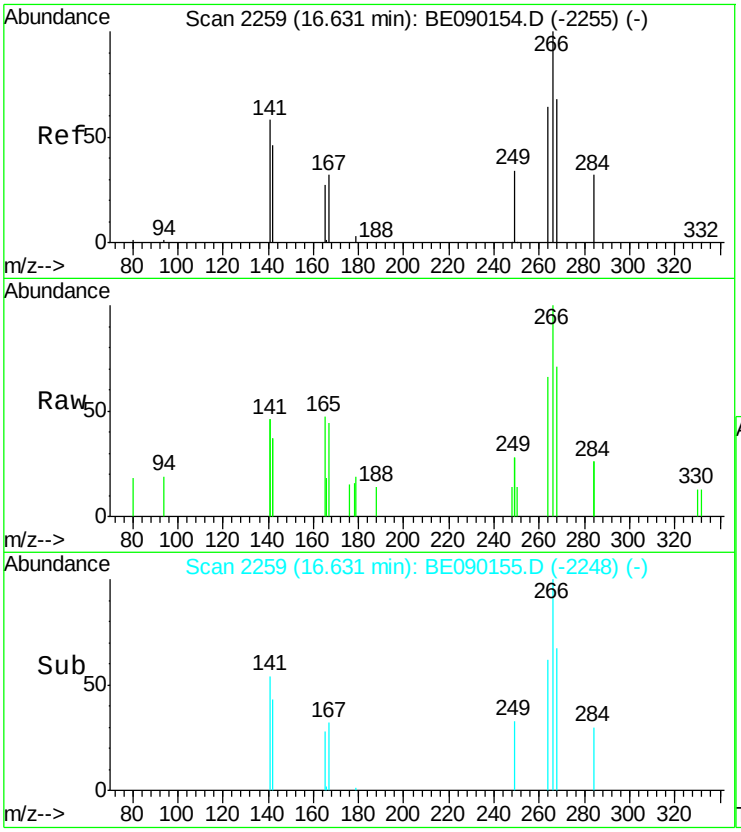


#20
Hexachlorobenzene
Concen: 0.60 ng
RT: 16.28 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Tgt Ion:284 Resp: 8799

Ion	Ratio	Lower	Upper
284	100		
142	52.5	42.2	63.2
249	32.2	25.5	38.3



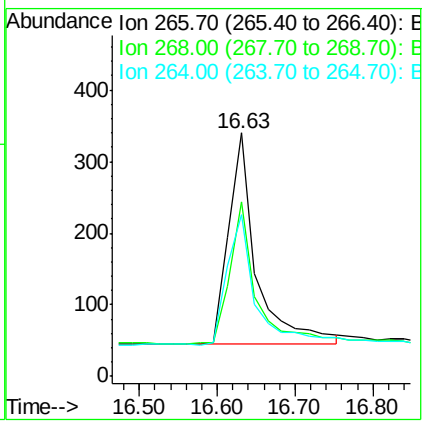


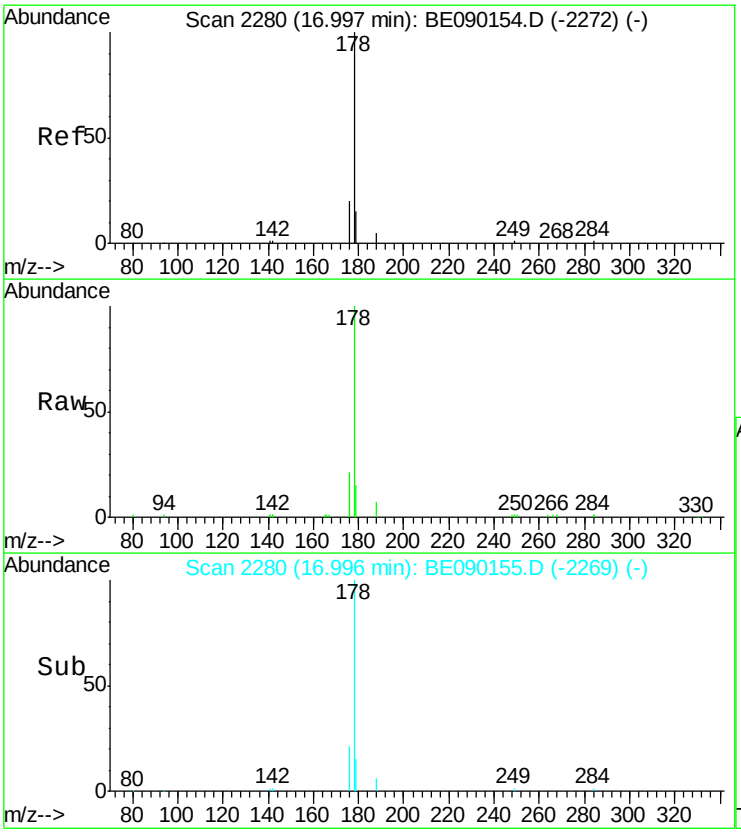
#21
Pentachlorophenol
Concen: 1.05 ng
RT: 16.63 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:266 Resp: 724

Ion	Ratio	Lower	Upper
266	100		
268	71.5	58.2	87.4
264	66.5	55.0	82.4

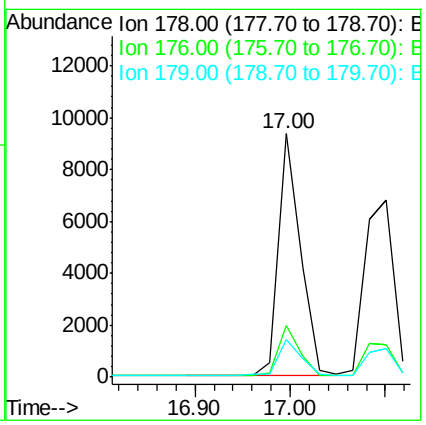


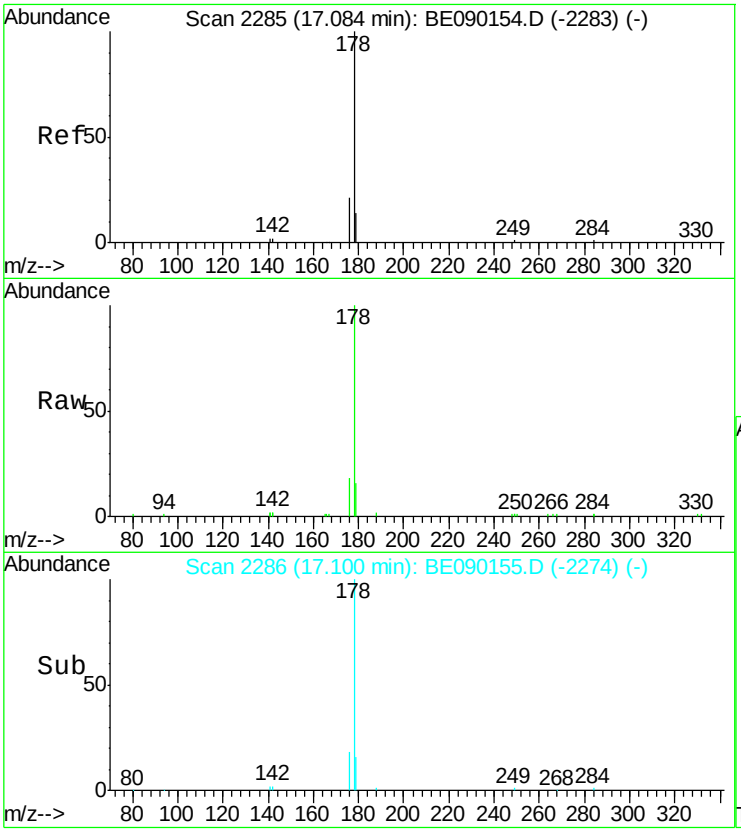


#22
Phenanthrene
Concen: 0.73 ng
RT: 17.00 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Tgt Ion:178 Resp: 14925

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.9	23.9
179	15.5	12.5	18.7



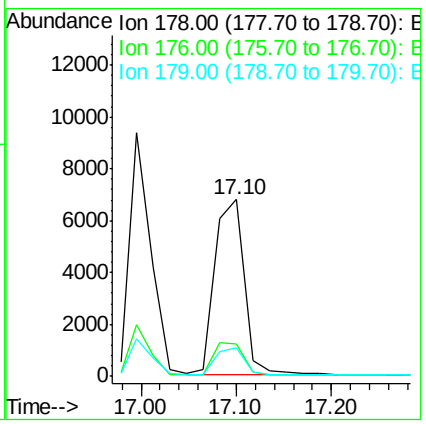


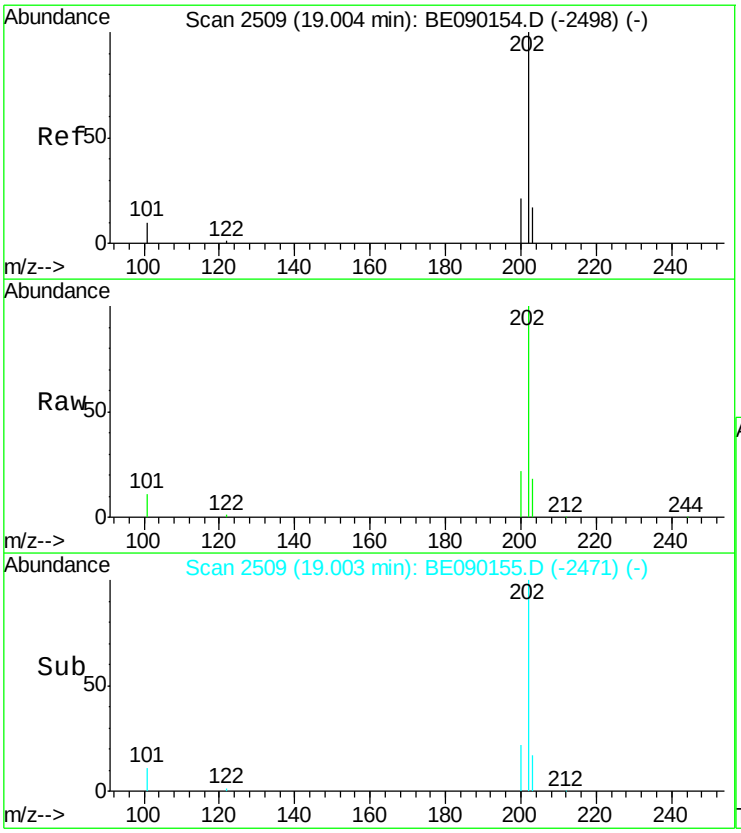
#23
Anthracene
Concen: 0.79 ng
RT: 17.10 min Scan# 2286
Delta R.T. 0.02 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 14260

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.2	12.2	18.2

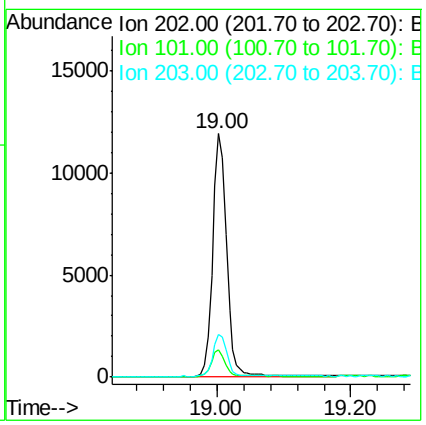


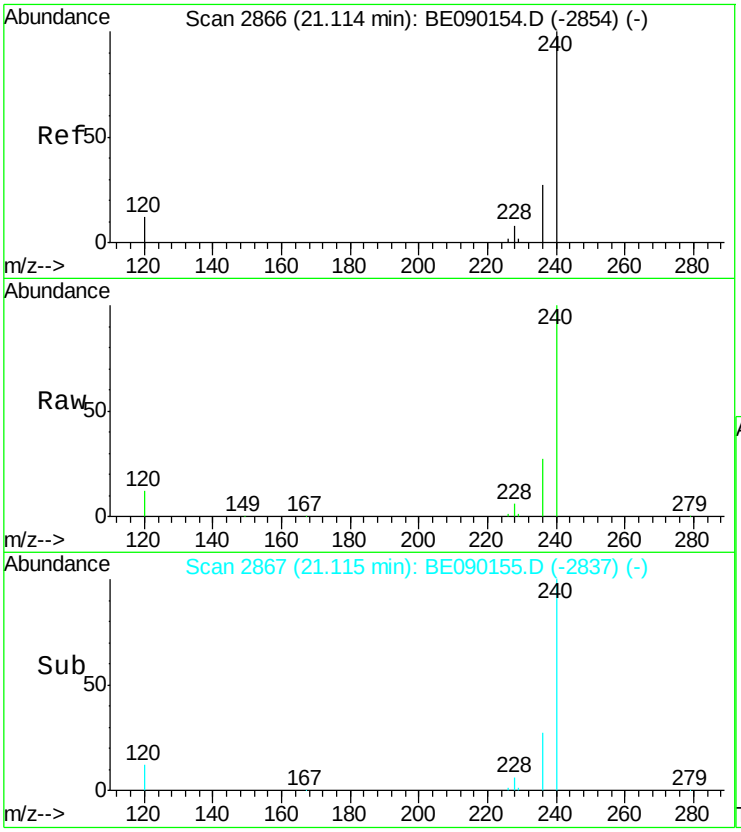


#24
Fluoranthene
Concen: 0.83 ng
RT: 19.00 min Scan# 2509
Delta R.T. -0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Tgt Ion:202 Resp: 16863

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.5	12.7
203	17.2	13.9	20.9



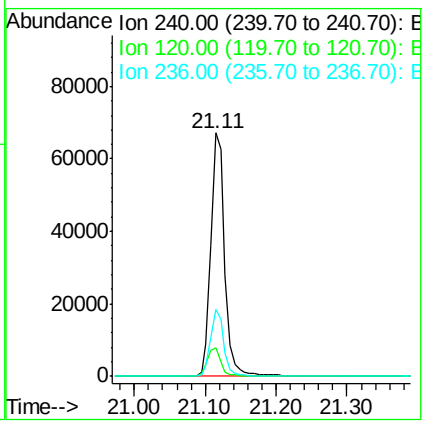


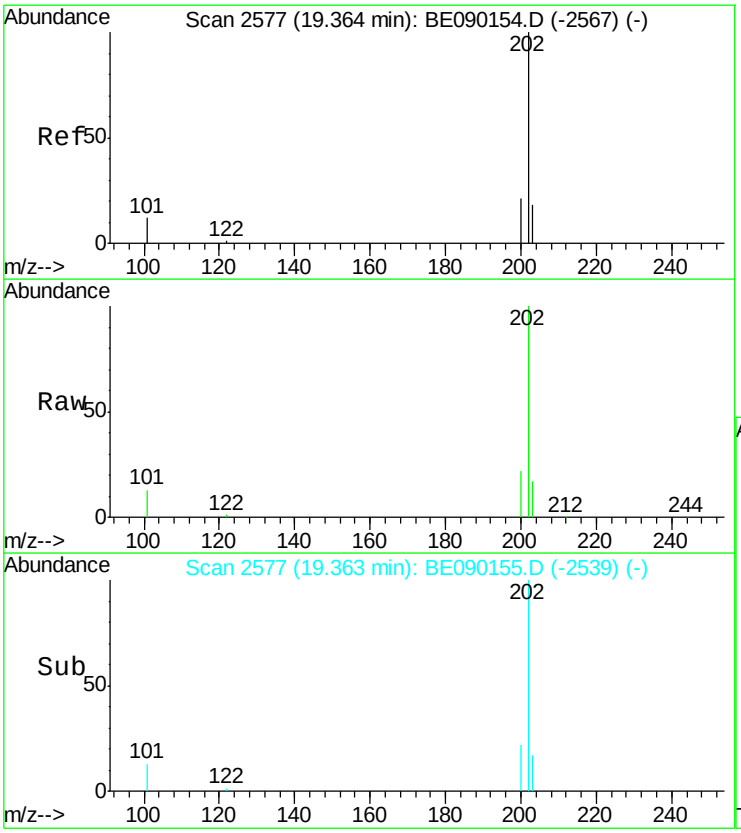
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.11 min Scan# 2867
Delta R.T. 0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 91233

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.4	14.0
236	27.3	21.8	32.8

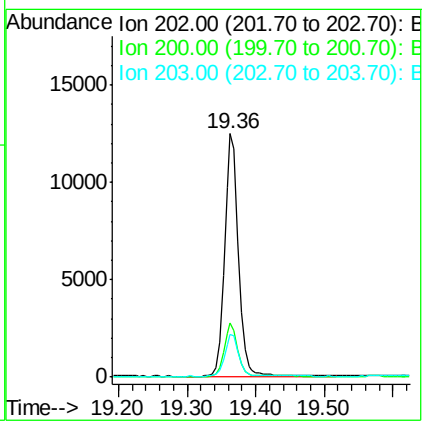


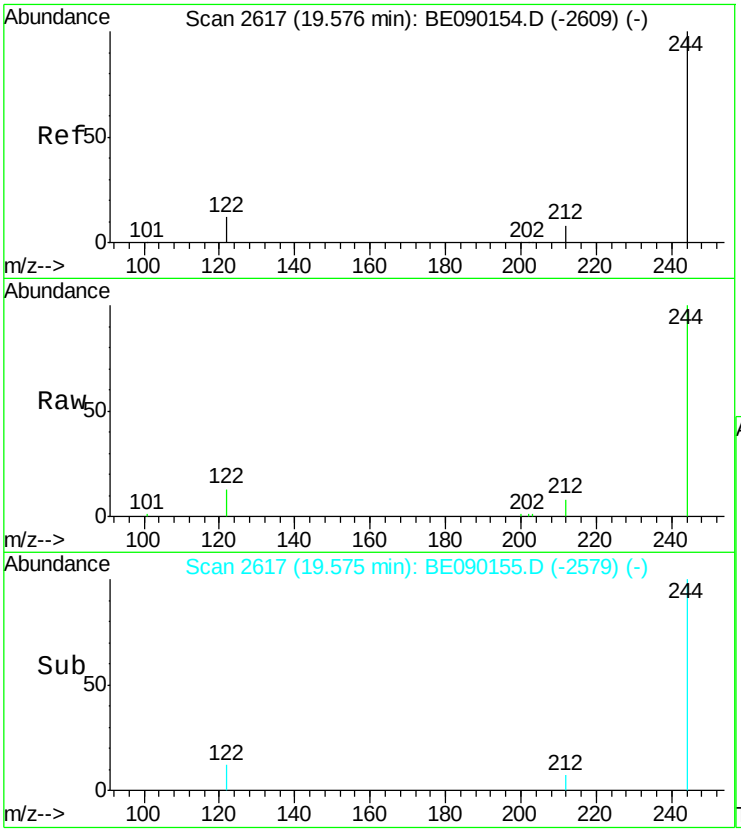


#26
Pyrene
Concen: 0.72 ng
RT: 19.36 min Scan# 2577
Delta R.T. -0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Tgt Ion:202 Resp: 17418

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.6
203	17.3	14.1	21.1



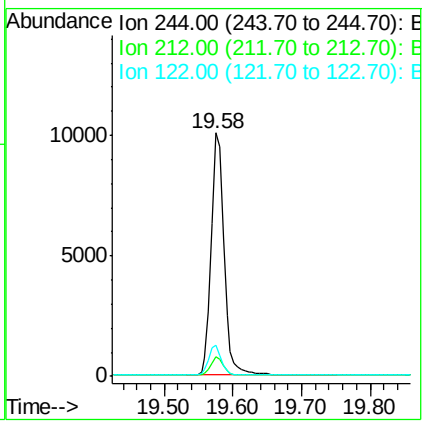


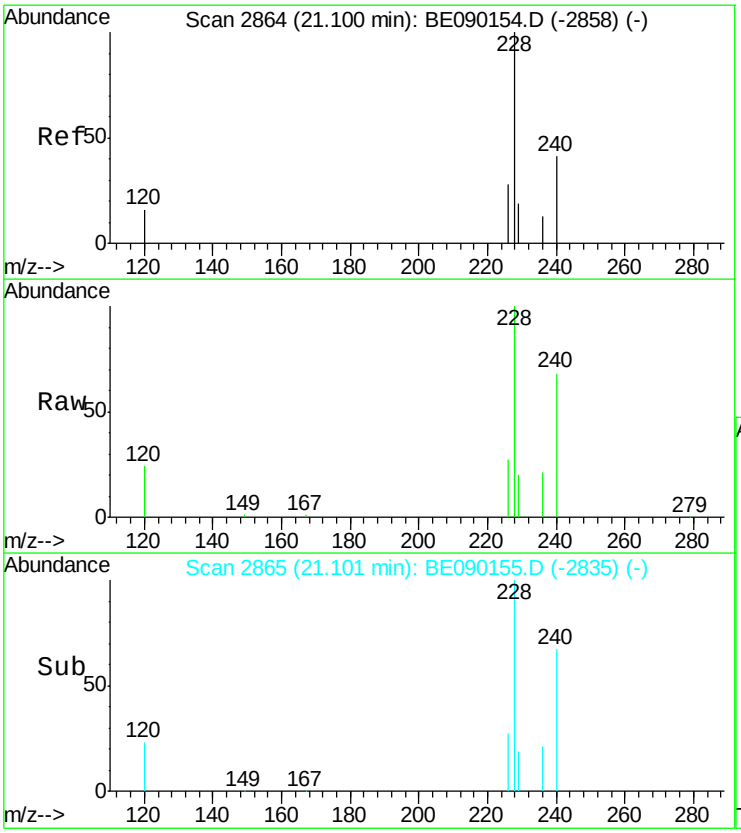
#27
Terphenyl-d14
Concen: 0.85 ng
RT: 19.58 min Scan# 2617
Delta R.T. -0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 12957

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	12.7	9.8	14.6

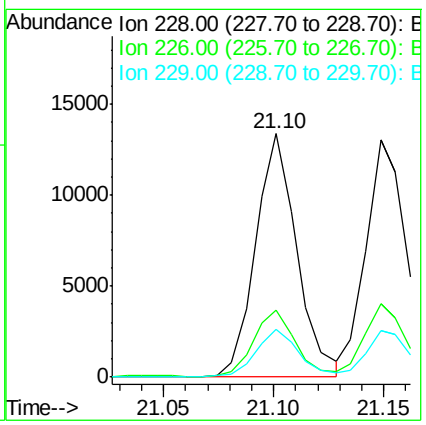


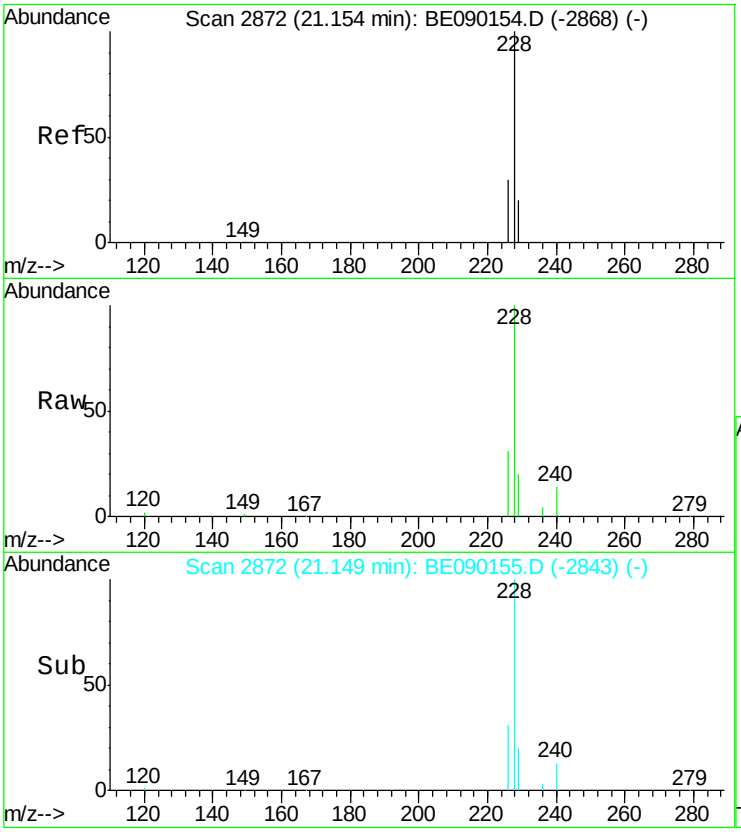


#28
Benzo(a)anthracene
Concen: 1.07 ng
RT: 21.10 min Scan# 2865
Delta R.T. 0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Tgt Ion:228 Resp: 17392

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.2	33.4
229	19.7	15.7	23.5



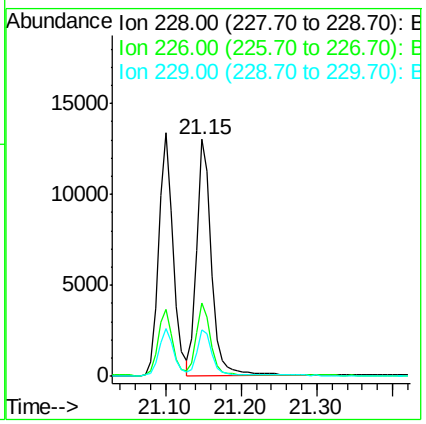


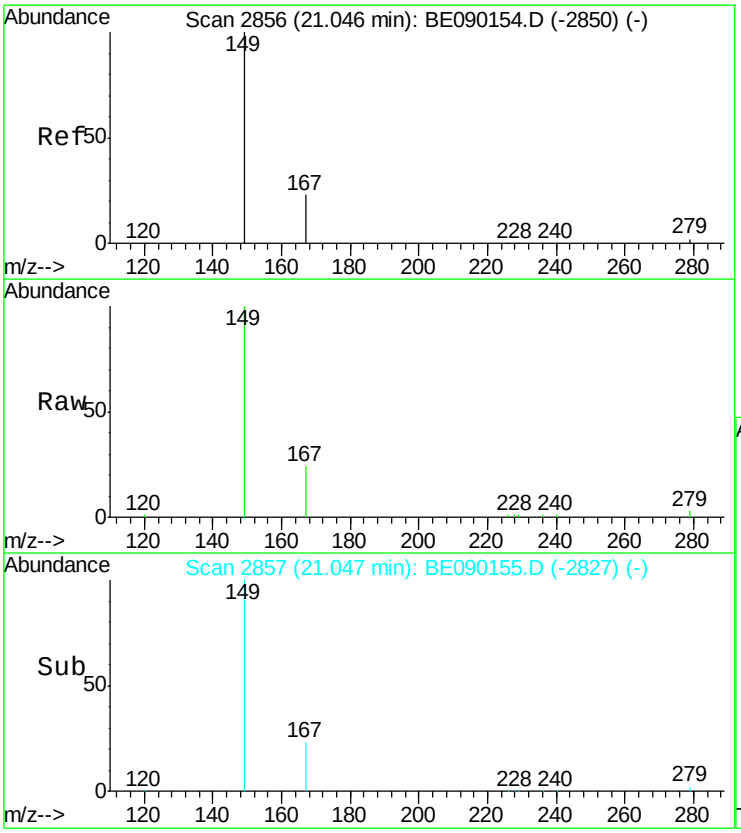
#29
Chrysene
Concen: 0.66 ng
RT: 21.15 min Scan# 2872
Delta R.T. -0.01 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 17655

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.8	35.8
229	19.9	16.5	24.7

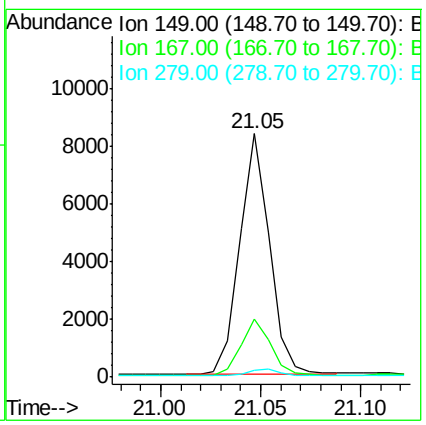


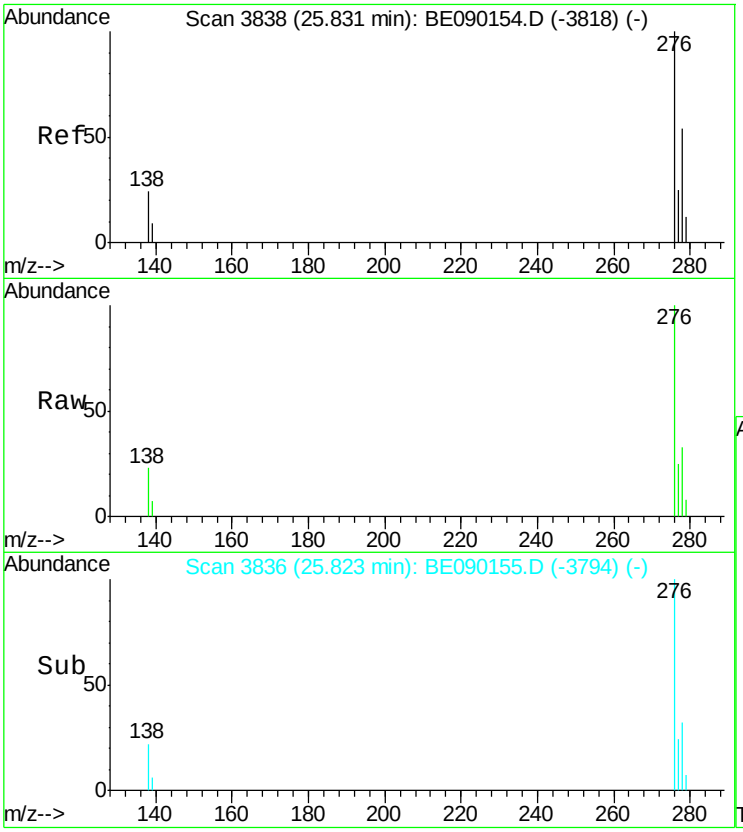


#30
Bis(2-ethylhexyl)phthalate
Concen: 1.98 ng
RT: 21.05 min Scan# 2857
Delta R.T. 0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Tgt Ion:149 Resp: 8757

Ion	Ratio	Lower	Upper
149	100		
167	23.4	18.6	28.0
279	2.9	2.2	3.4



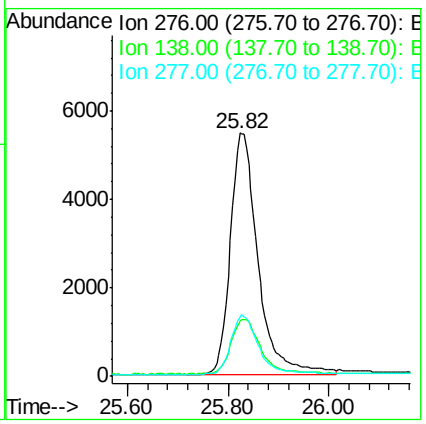


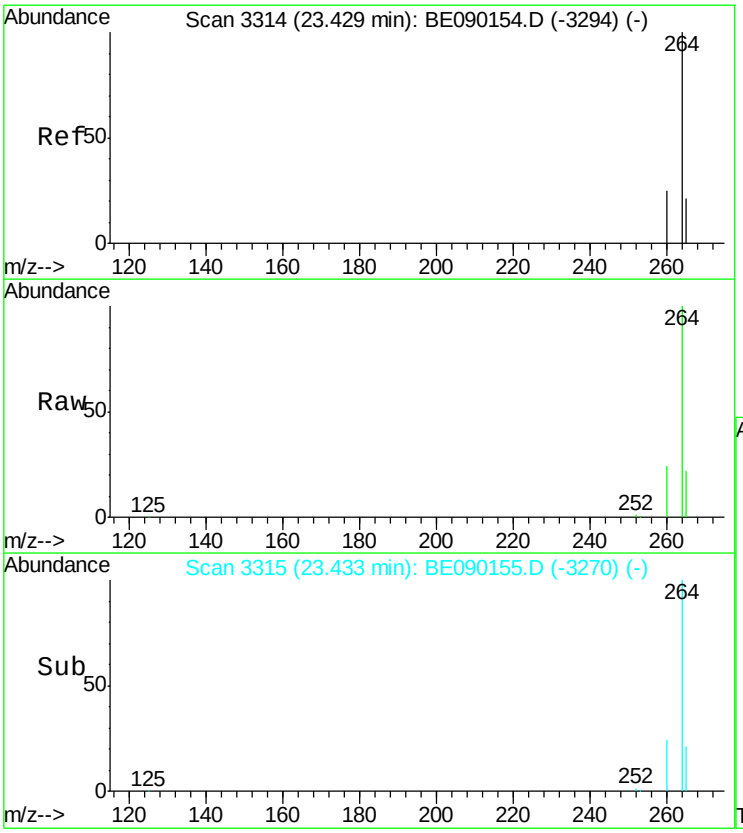
#31
Indeno(1,2,3-cd)pyrene
Concen: 2.61 ng
RT: 25.82 min Scan# 3836
Delta R.T. -0.01 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 20841

Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.5	29.3
277	24.6	19.8	29.6

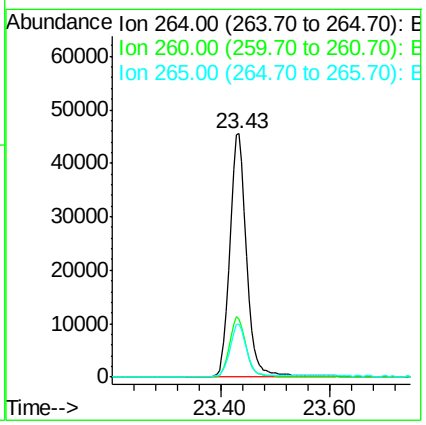


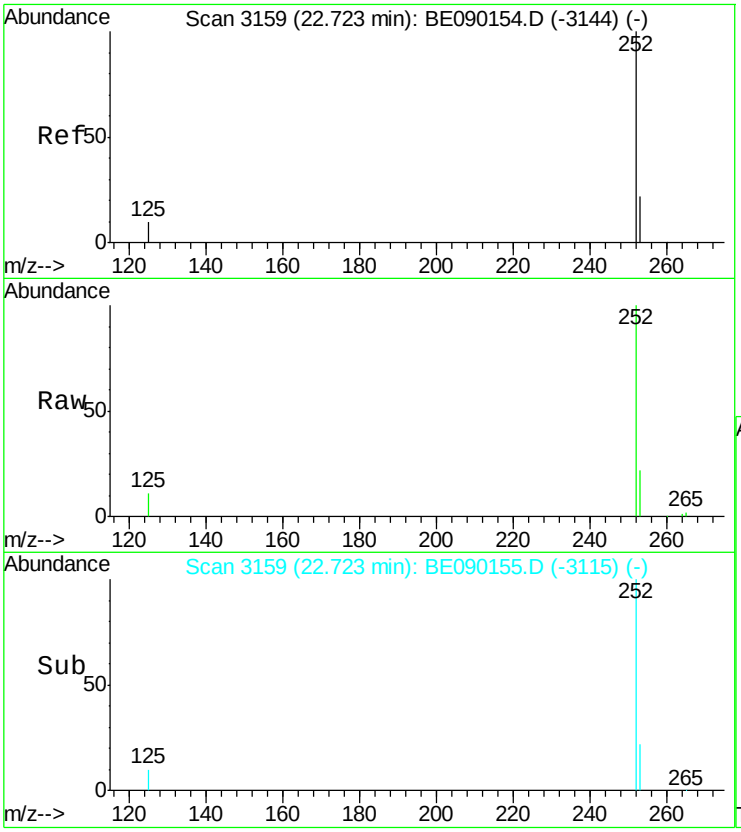


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.43 min Scan# 3315
Delta R.T. 0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Tgt Ion:264 Resp: 94327

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.8
265	21.8	17.4	26.2



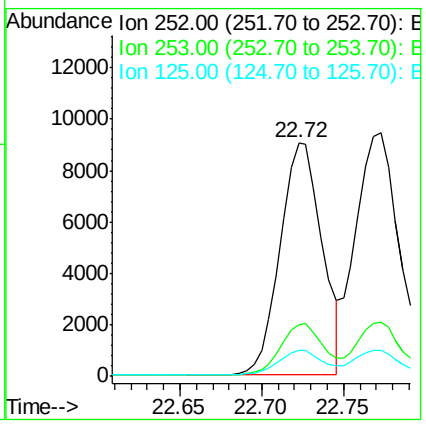


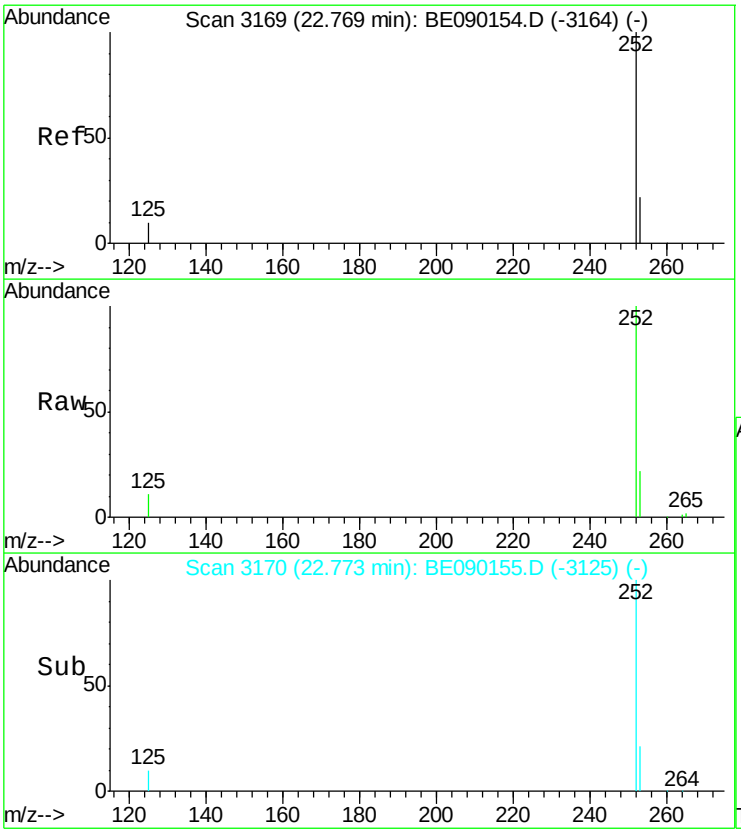
#33
Benzo(b)fluoranthene
Concen: 1.80 ng
RT: 22.72 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 16059

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	11.1	8.7	13.1

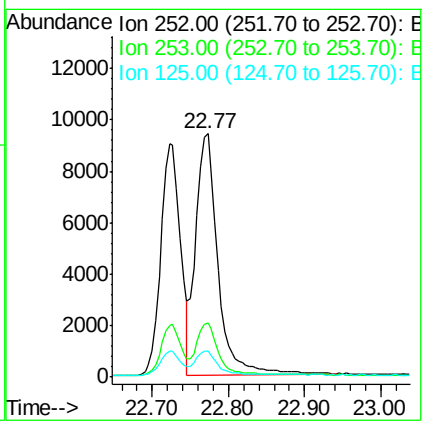


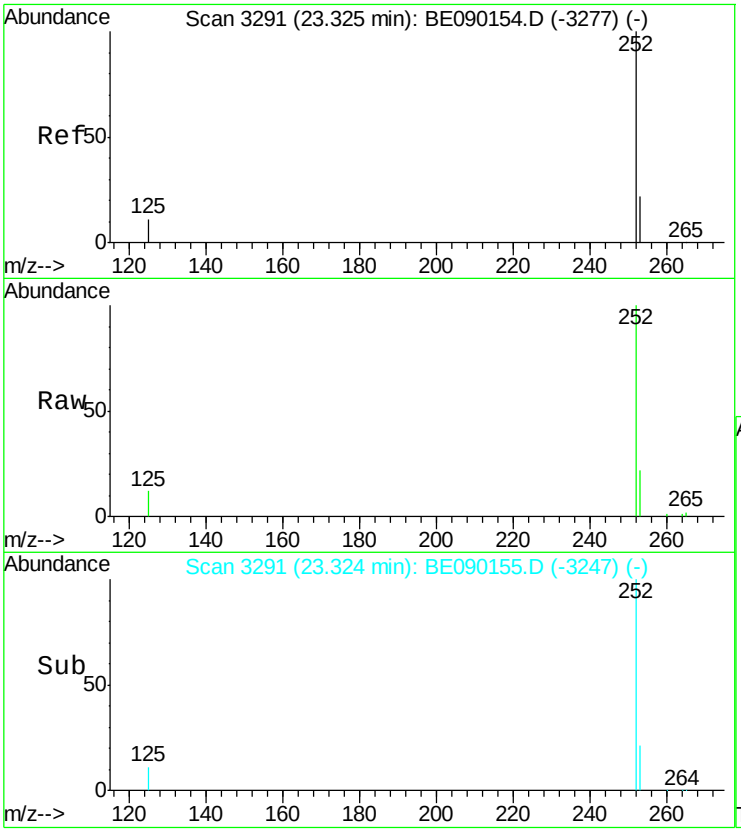


#34
Benzo(k)fluoranthene
Concen: 0.94 ng
RT: 22.77 min Scan# 3170
Delta R.T. 0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Tgt Ion:252 Resp: 18825

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	10.8	8.7	13.1



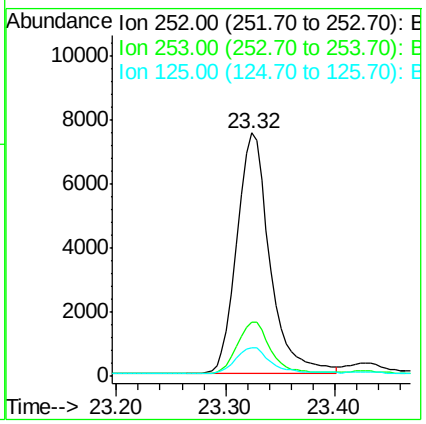


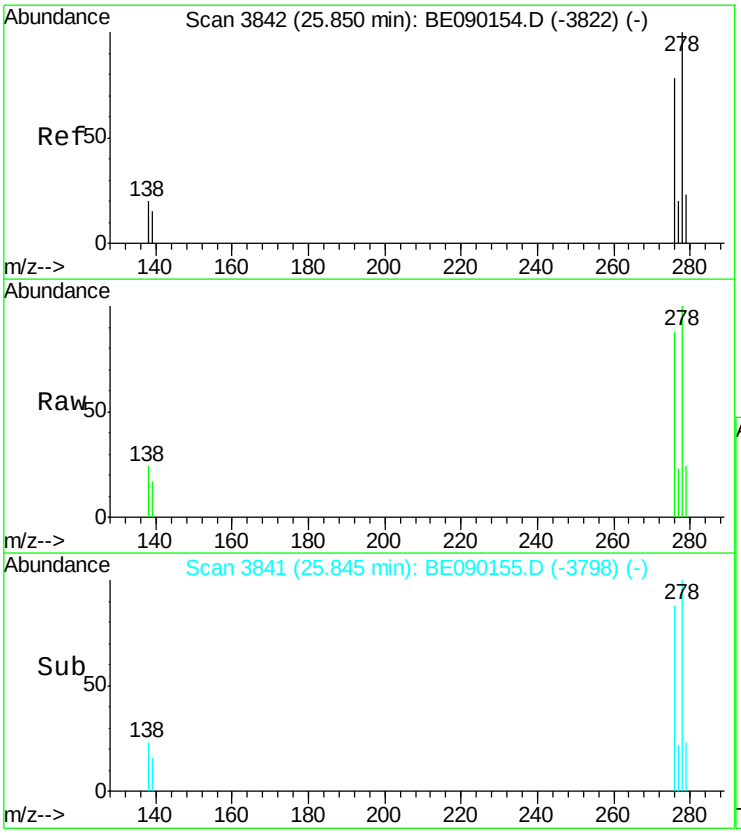
#35
Benzo(a)pyrene
Concen: 1.40 ng
RT: 23.32 min Scan# 3291
Delta R.T. -0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 15785

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	11.8	9.4	14.0

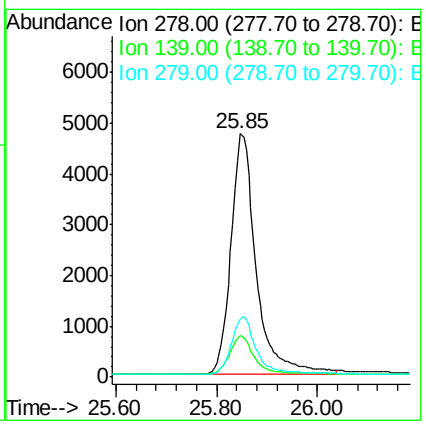


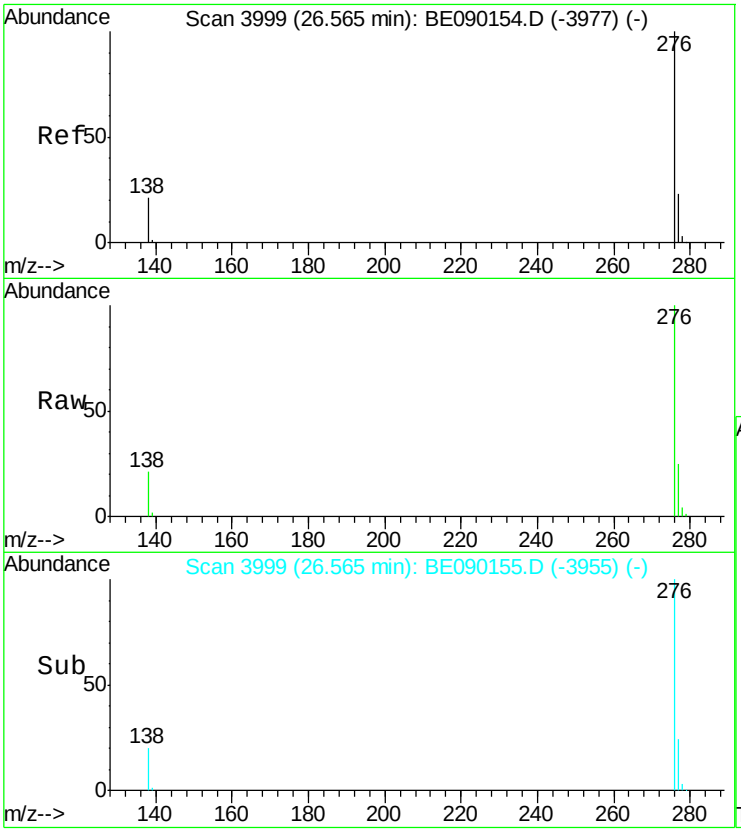


#36
Dibenzo(a,h)anthracene
Concen: 2.35 ng
RT: 25.85 min Scan# 3841
Delta R.T. -0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Tgt Ion:278 Resp: 16765

Ion	Ratio	Lower	Upper
278	100		
139	17.0	12.9	19.3
279	23.9	19.3	28.9





#37
Benzo(g,h,i)perylene
Concen: 1.45 ng
RT: 26.57 min Scan# 3999
Delta R.T. 0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 17294

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.0	28.6
138	20.9	17.2	25.8