Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090115\
Data File : BE090684.D
Acq On : 2 Sep 2015 1:59
Operator : UM/IZ
Sample : PB85250BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 02 03:05:33 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 01:57:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	56304	5.00	ng		0.00
6) Naphthalene-d8	10.30	136	262077	5.00	ng		0.00
12) Acenaphthene-d10	14.17	164	142813	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	340952	5.00	ng		0.00
25) Chrysene-d12	21.07	240	439433	5.00	ng		0.00
32) Perylene-d12	23.36	264	403388	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	82281	7.50	ng		0.00
5) Phenol-d6	6.74	99	125879	8.03	ng		-0.01
7) Nitrobenzene-d5	8.69	82	62983	3.64	ng		-0.01
13) 2,4,6-Tribromophenol	15.67	330	37964	9.03	ng		0.00
14) 2-Fluorobiphenyl	12.79	172	125942	3.18	ng		-0.01
27) Terphenyl-d14	19.53	244	232441	4.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	22038	2.94	ng		98
3) n-Nitrosodimethylamine	3.45	42	29091	2.88	ng	#	93
8) Nitrobenzene	8.73	77	62656	2.99	ng		98
9) Naphthalene	10.35	128	161219	2.82	ng		100
10) Hexachlorobutadiene	10.65	225	23840	2.67	ng		99
11) 2-Methylnaphthalene	11.98	142	103408	3.34	ng		98
15) Acenaphthylene	13.89	152	724594	3.17	ng		100
16) Acenaphthene	14.23	154	114169	2.99	ng		91
17) Fluorene	15.22	166	152947	3.22	ng		96
19) 4-Bromophenyl-phenylether	16.13	248	38683	3.33	ng		98
20) Hexachlorobenzene	16.23	284	192772	3.44	ng		97
21) Pentachlorophenol	16.58	266	38054	8.29	ng		96
22) Phenanthrene	16.94	178	272612	3.23	ng		99
23) Anthracene	17.05	178	263102	3.73	ng		100
24) Fluoranthene	18.96	202	322768	3.63	ng		99
26) Pyrene	19.32	202	361561	3.98	ng		99
28) Benzo(a)anthracene	21.05	228	355330	3.69	ng		98
29) Chrysene	21.11	228	363505	3.56	ng		99
30) Bis(2-ethylhexyl)phthalate	21.00	149	138652	4.33	ng		99
31) Indeno(1,2,3-cd)pyrene	25.72	276	392137	3.78	ng		98
33) Benzo(b)fluoranthene	22.66	252	336743	3.85	ng		98
34) Benzo(k)fluoranthene	22.71	252	367102	3.60	ng		99
35) Benzo(a)pyrene	23.26	252	316026	4.04	ng		99
36) Dibenzo(a,h)anthracene	25.74	278	324727	3.45	ng		99
37) Benzo(g,h,i)perylene	26.45	276	333951	3.71	ng		98

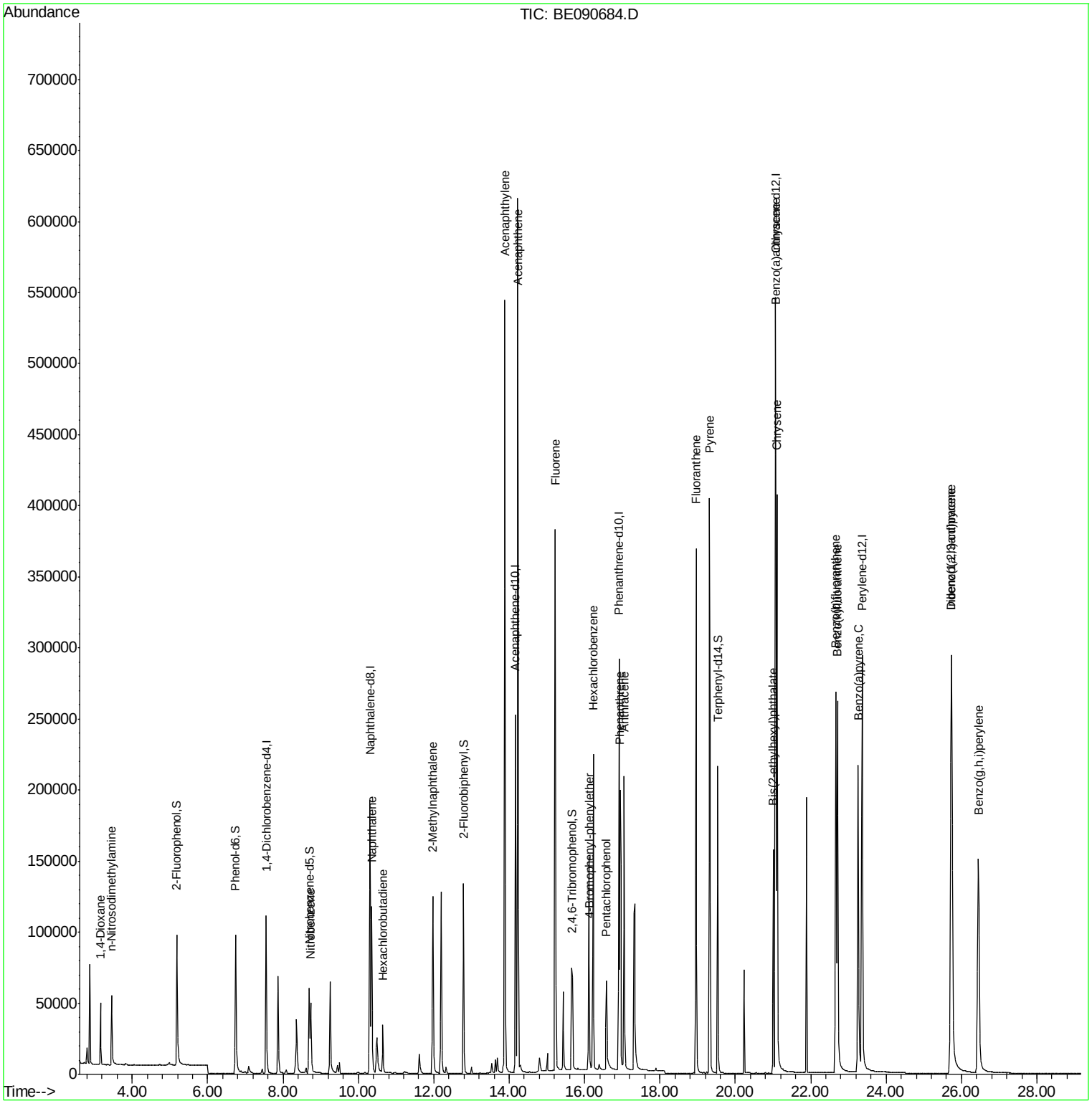
(#) = qualifier out of range (m) = manual integration (+) = signals summed

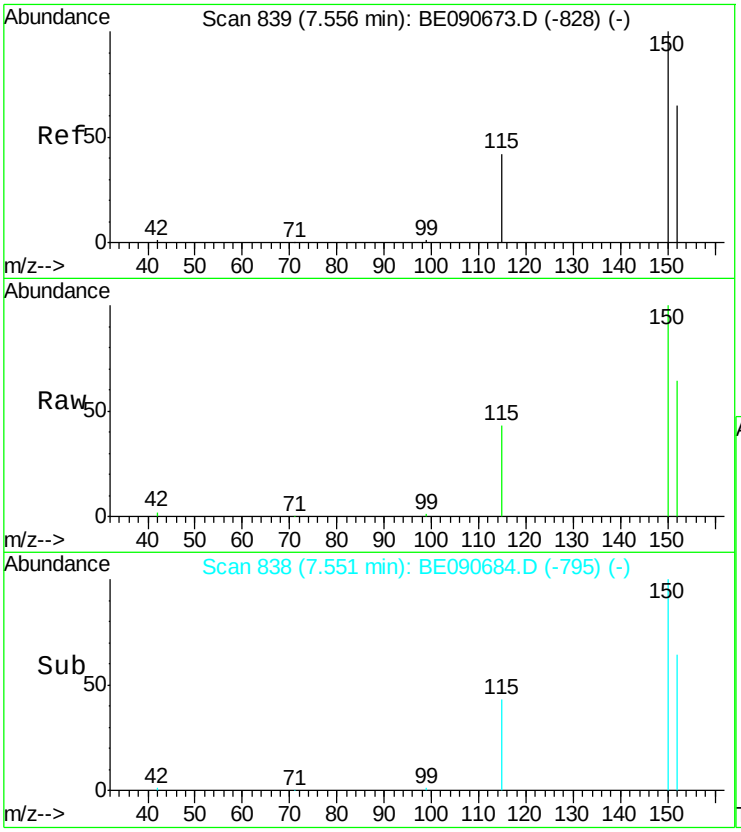
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090115\
Data File : BE090684.D
Acq On : 2 Sep 2015 1:59
Operator : UM/IZ
Sample : PB85250BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 02 03:05:33 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 01:57:39 2015
Response via : Initial Calibration



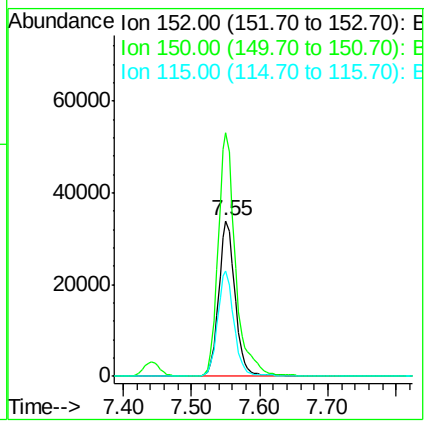


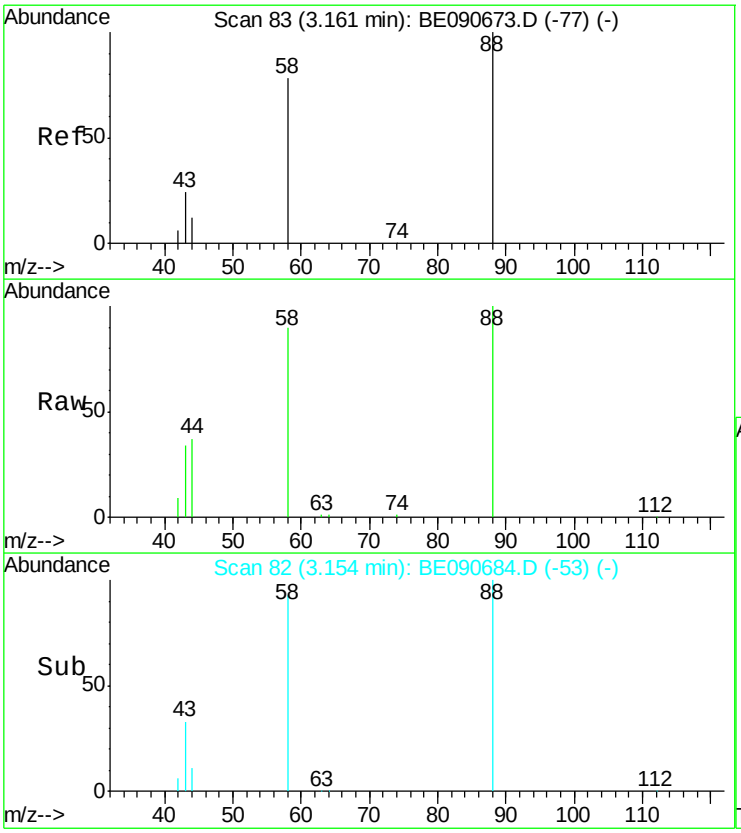
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.01 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 56304

Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.2	183.4
115	67.6	51.0	76.4

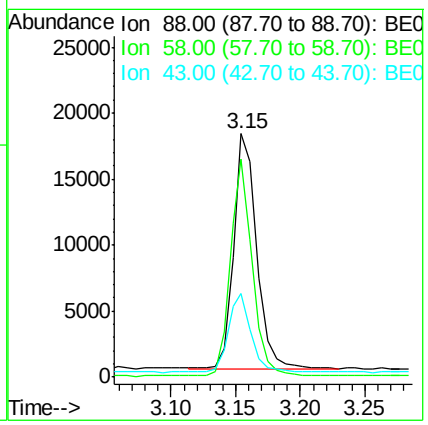


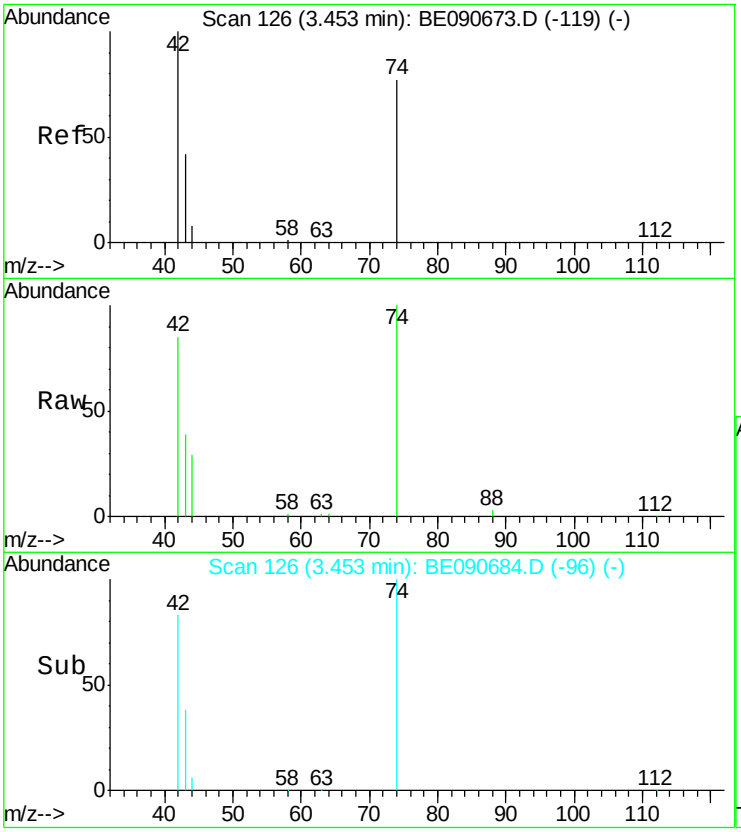


#2
1,4-Dioxane
Concen: 2.94 ng
RT: 3.15 min Scan# 82
Delta R.T. -0.01 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Tgt Ion: 88 Resp: 22038

Ion	Ratio	Lower	Upper
88	100		
58	88.6	68.4	102.6
43	33.5	26.9	40.3



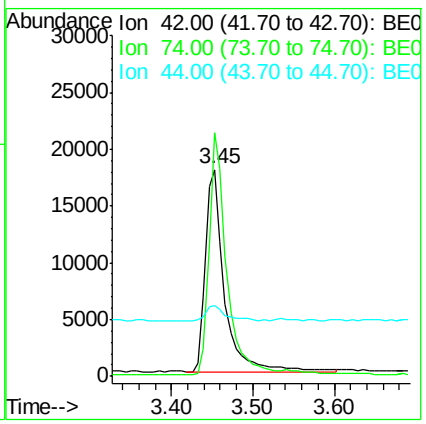


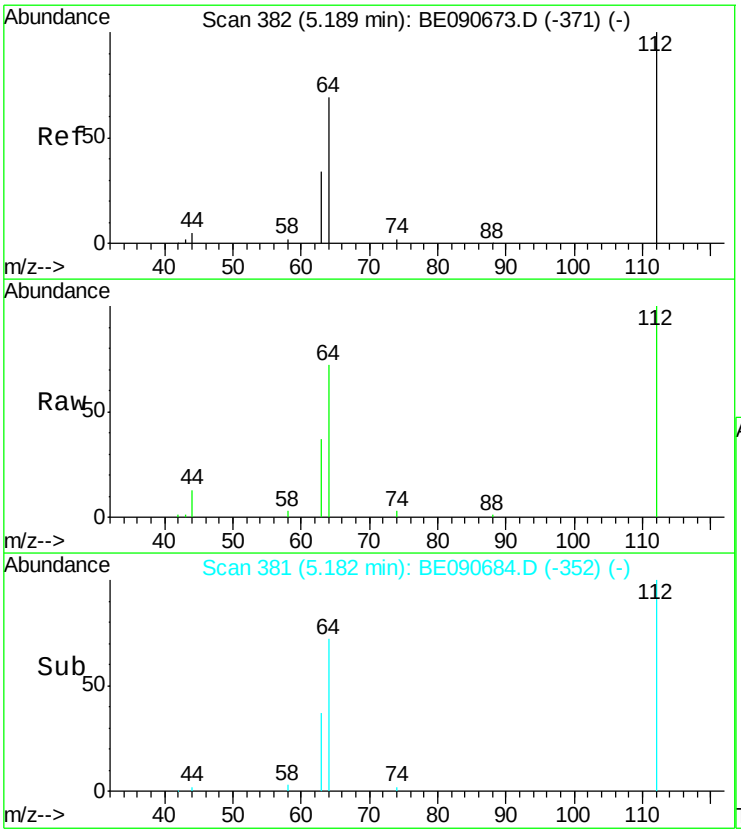
#3
n-Nitrosodimethylamine
Concen: 2.88 ng
RT: 3.45 min Scan# 126
Delta R.T. 0.00 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 29091

Ion	Ratio	Lower	Upper
42	100		
74	111.0	83.7	125.5
44	8.7	10.0	15.0#

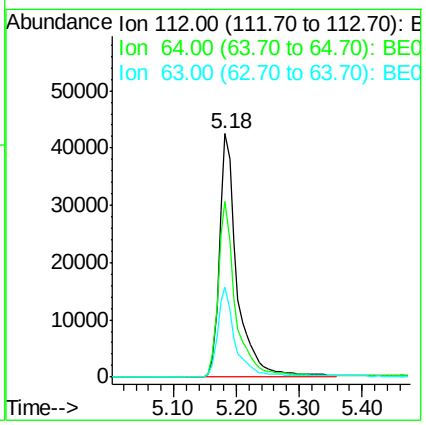


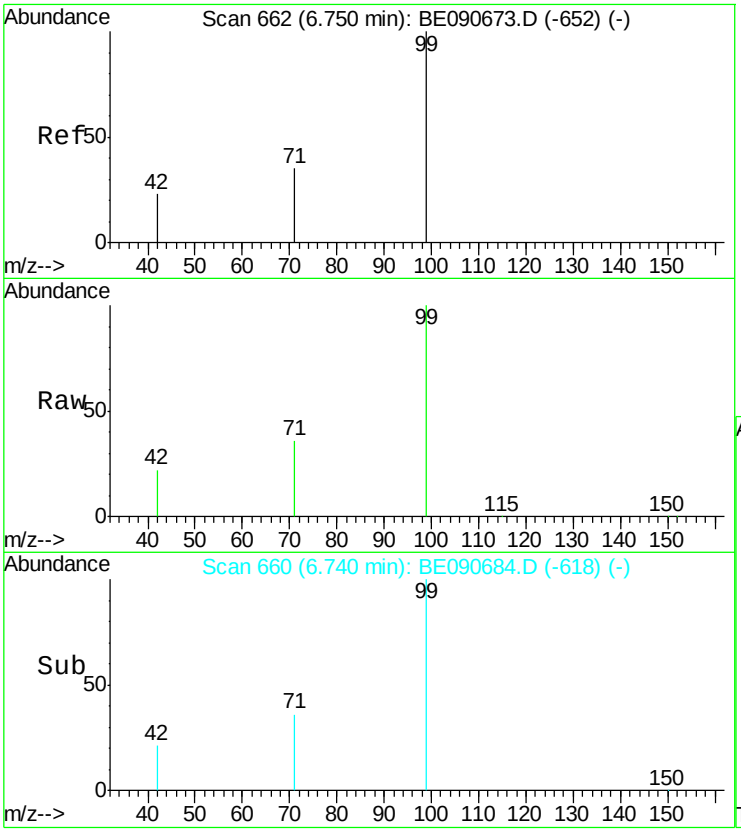


#4
2-Fluorophenol
Concen: 7.50 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Tgt Ion:112 Resp: 82281

Ion	Ratio	Lower	Upper
112	100		
64	70.9	57.3	85.9
63	36.4	29.2	43.8



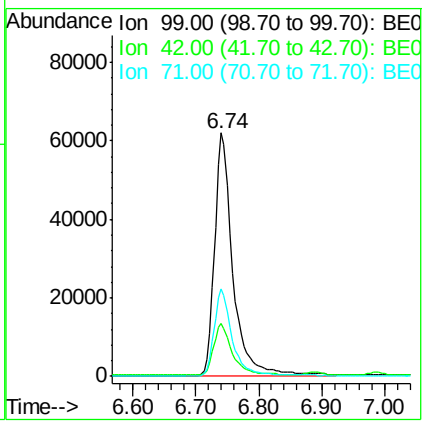


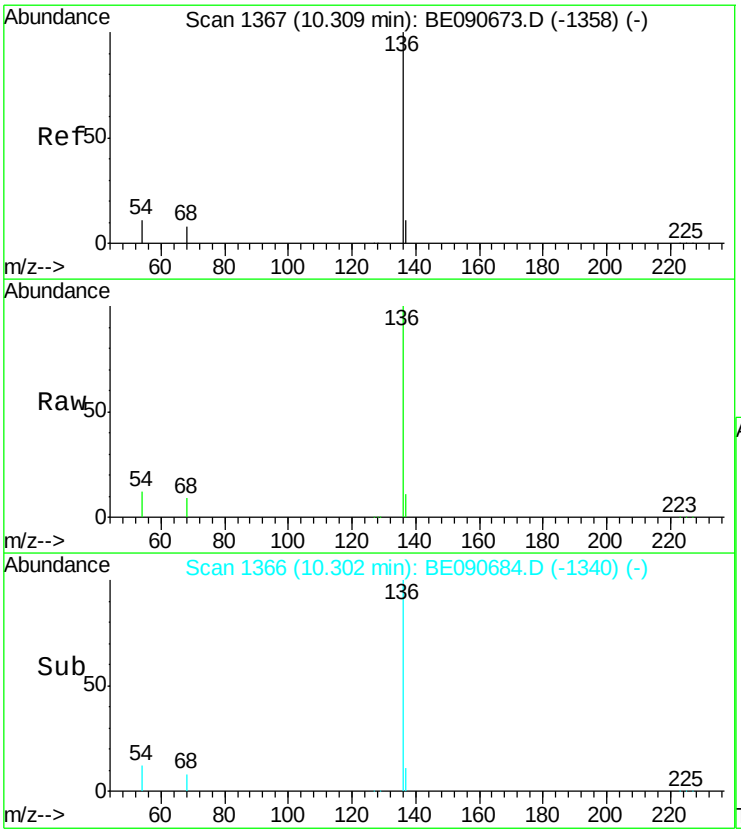
#5
Phenol-d6
Concen: 8.03 ng
RT: 6.74 min Scan# 660
Delta R.T. -0.01 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 125879

Ion	Ratio	Lower	Upper
99	100		
42	21.6	16.8	25.2
71	35.6	28.3	42.5

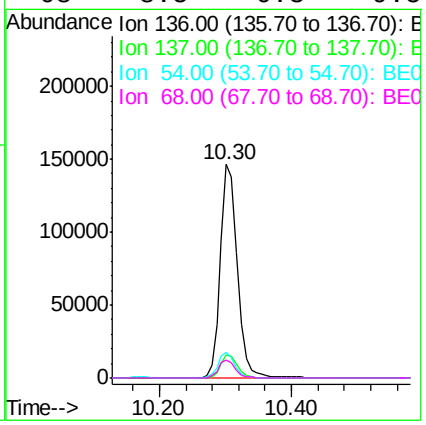


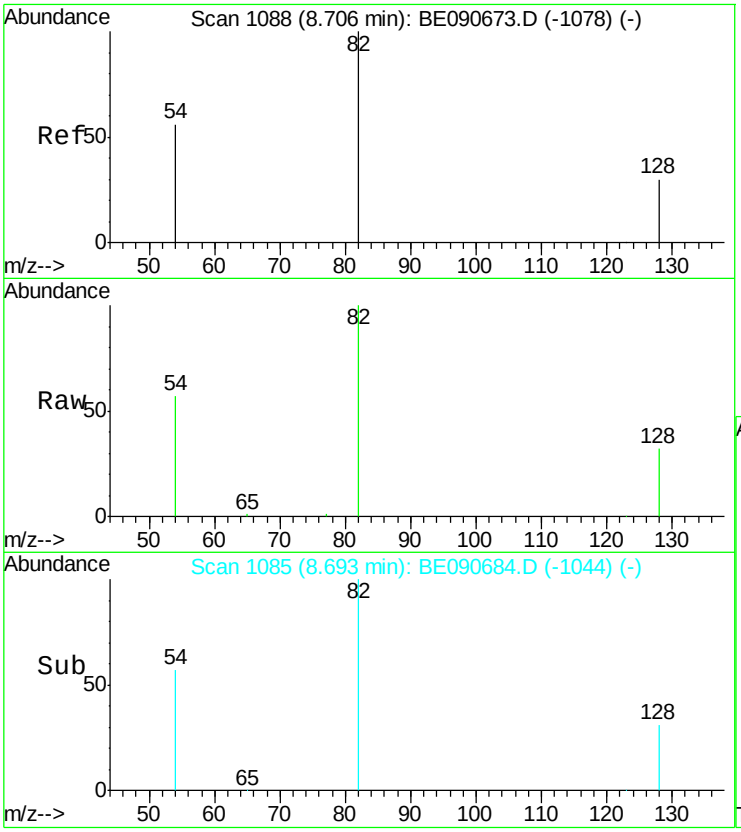


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.30 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Tgt Ion:136 Resp: 262077

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	12.1	9.0	13.6
68	8.5	6.3	9.5



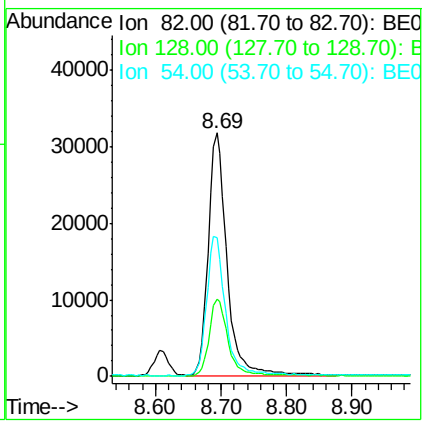


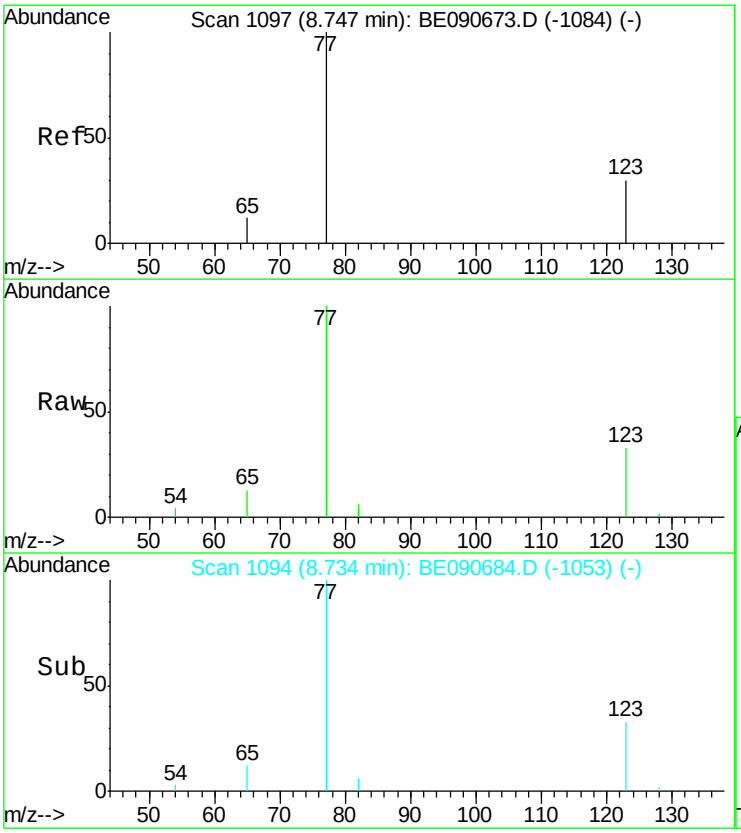
#7
Nitrobenzene-d5
Concen: 3.64 ng
RT: 8.69 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 62983

Ion	Ratio	Lower	Upper
82	100		
128	31.5	25.0	37.4
54	57.1	46.3	69.5

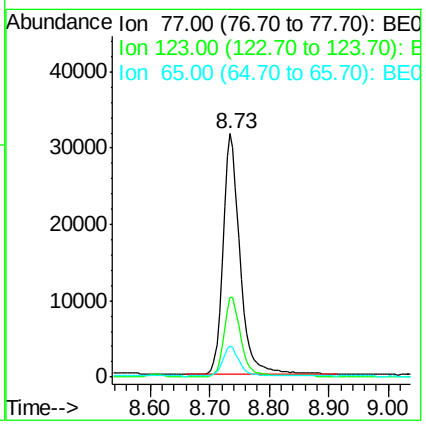


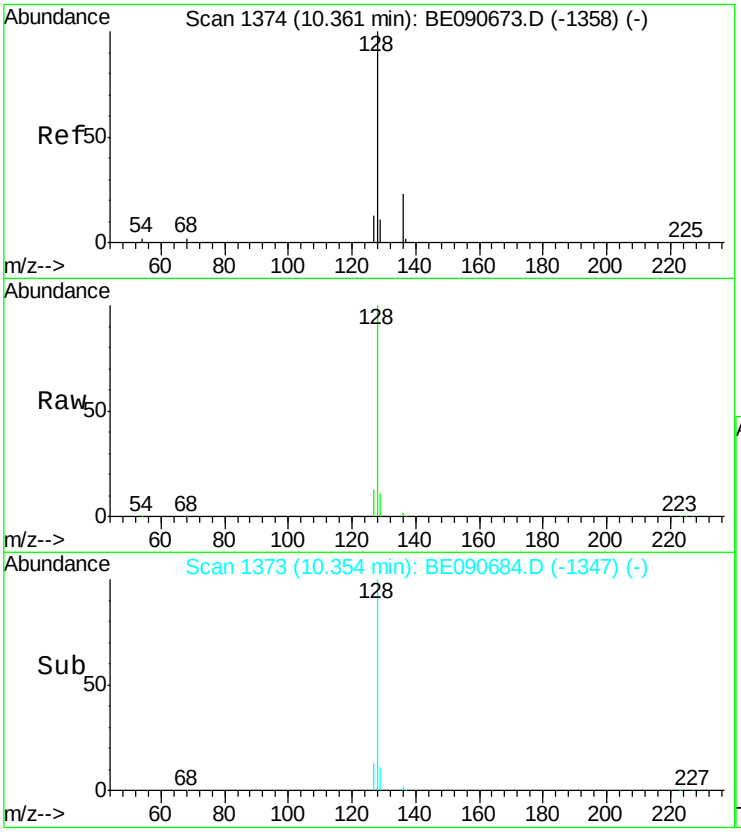


#8
Nitrobenzene
Concen: 2.99 ng
RT: 8.73 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Tgt Ion: 77 Resp: 62656

Ion	Ratio	Lower	Upper
77	100		
123	33.1	25.1	37.7
65	12.5	9.9	14.9



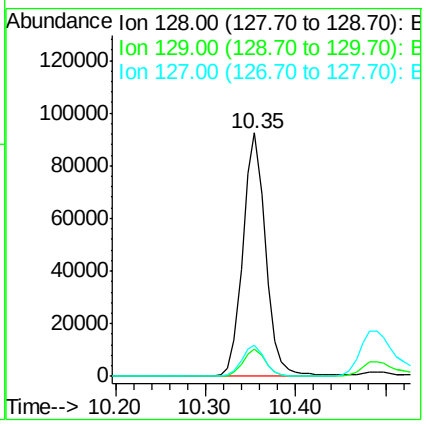


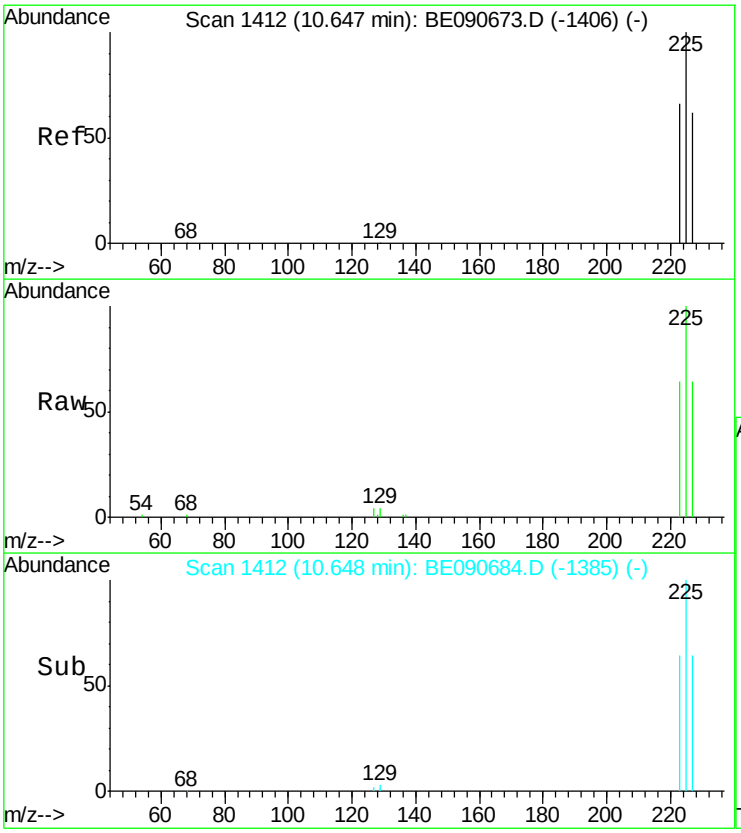
#9
Naphthalene
Concen: 2.82 ng
RT: 10.35 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 161219

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	12.9	10.6	15.8

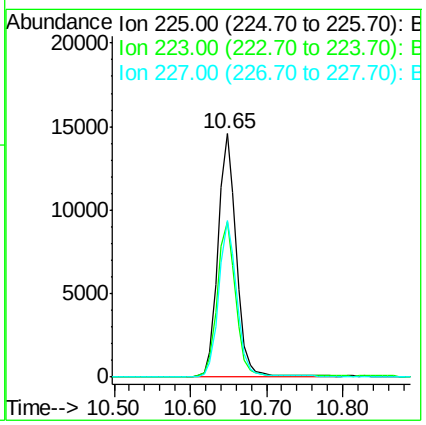


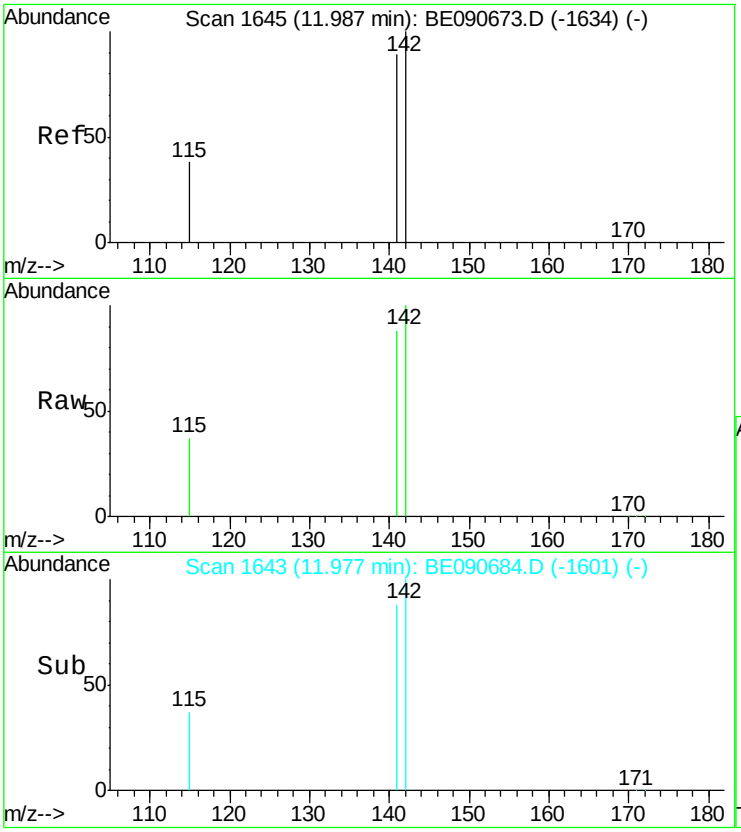


#10
Hexachlorobutadiene
Concen: 2.67 ng
RT: 10.65 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Tgt Ion:225 Resp: 23840

Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	76.0
227	63.5	51.0	76.6



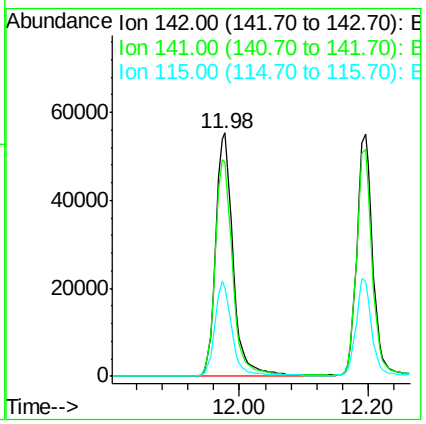


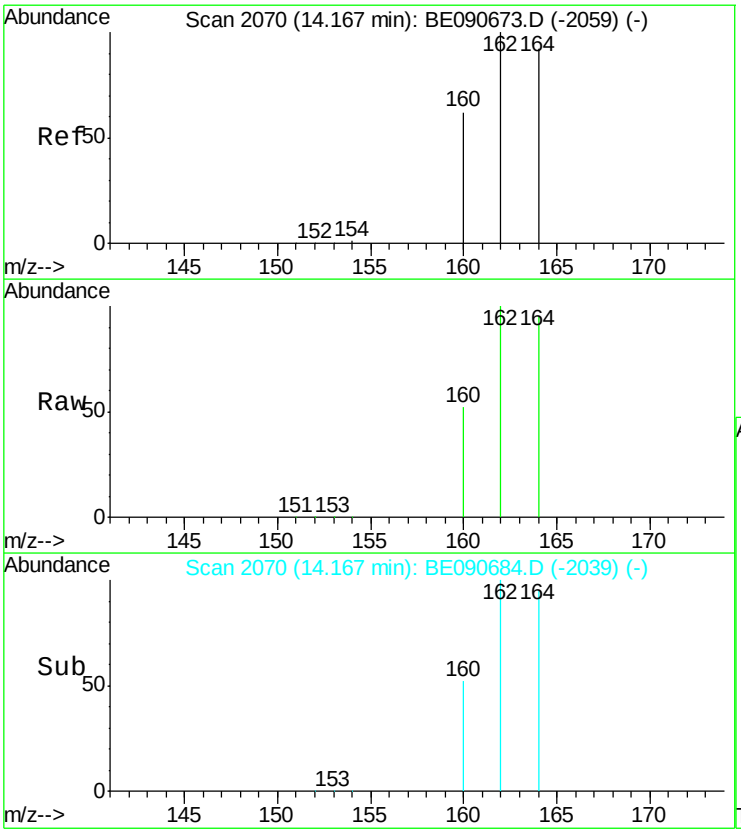
#11
2-Methylnaphthalene
Concen: 3.34 ng
RT: 11.98 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 103408

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.4	107.2
115	36.6	31.0	46.4

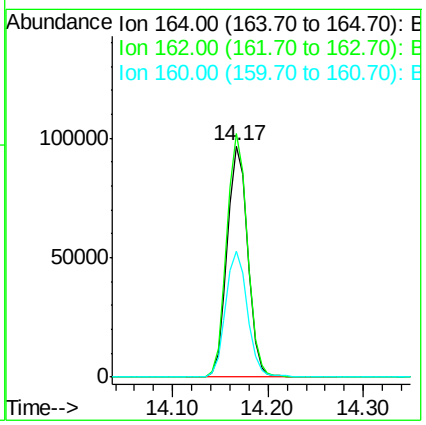


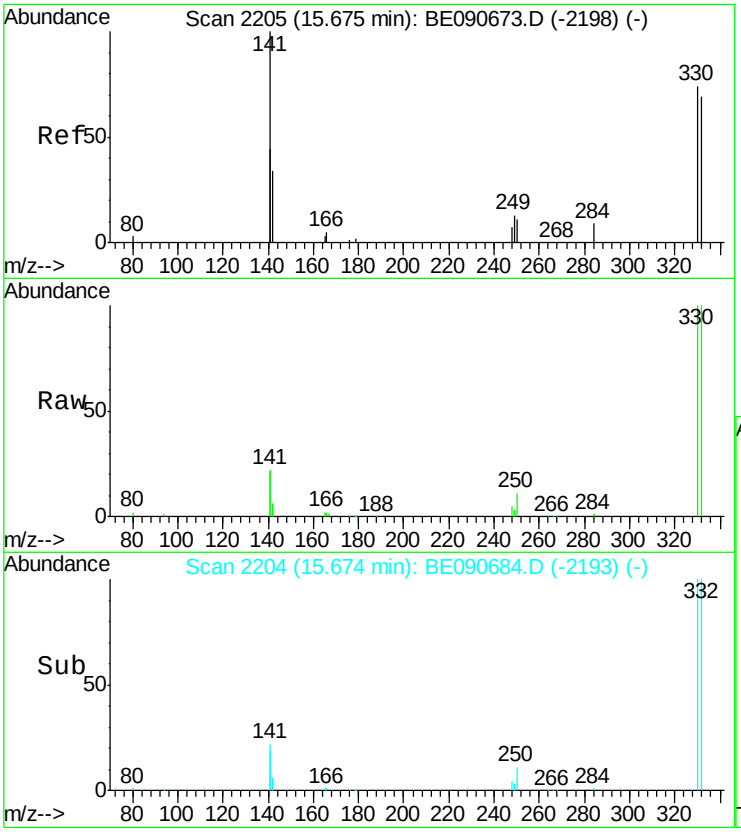


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Tgt Ion:164 Resp: 142813

Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.8	130.2
160	54.7	53.9	80.9



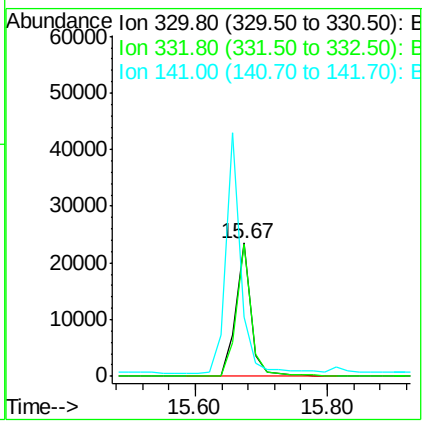


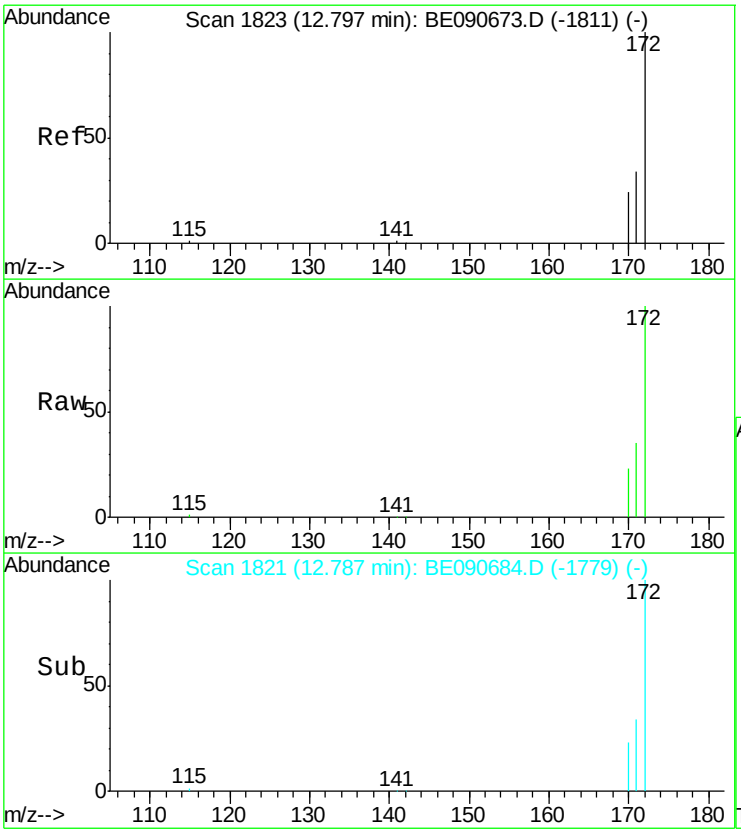
#13
2,4,6-Tribromophenol
Concen: 9.03 ng
RT: 15.67 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 37964

Ion	Ratio	Lower	Upper
330	100		
332	96.8	74.9	112.3
141	174.5	145.2	217.8

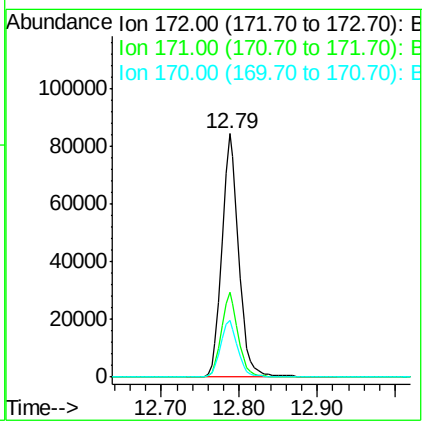


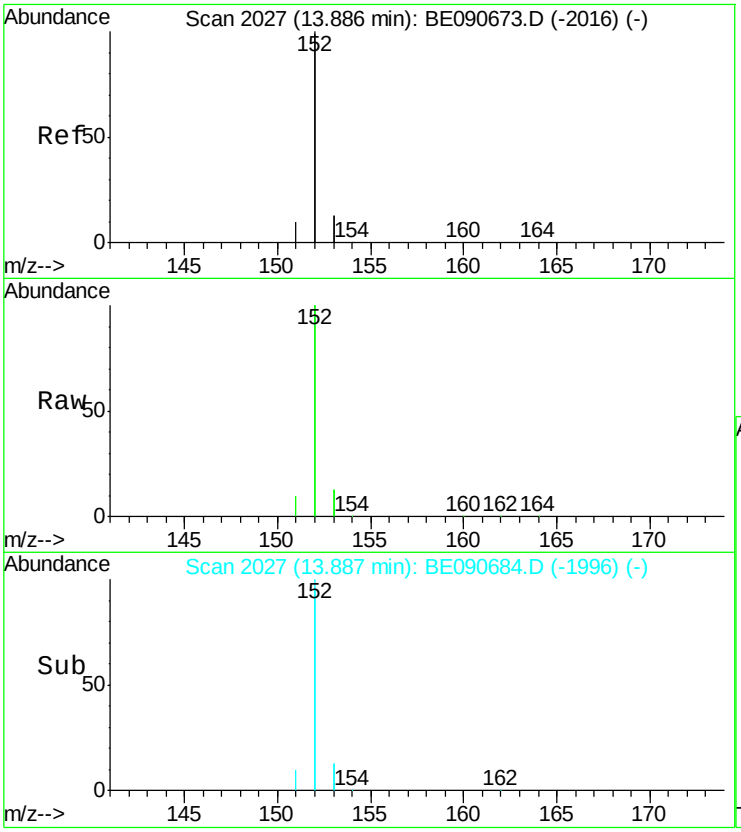


#14
2-Fluorobiphenyl
Concen: 3.18 ng
RT: 12.79 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Tgt Ion:172 Resp: 125942

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.8
170	23.4	19.8	29.6



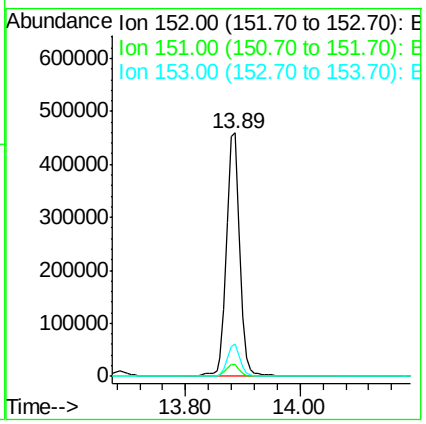


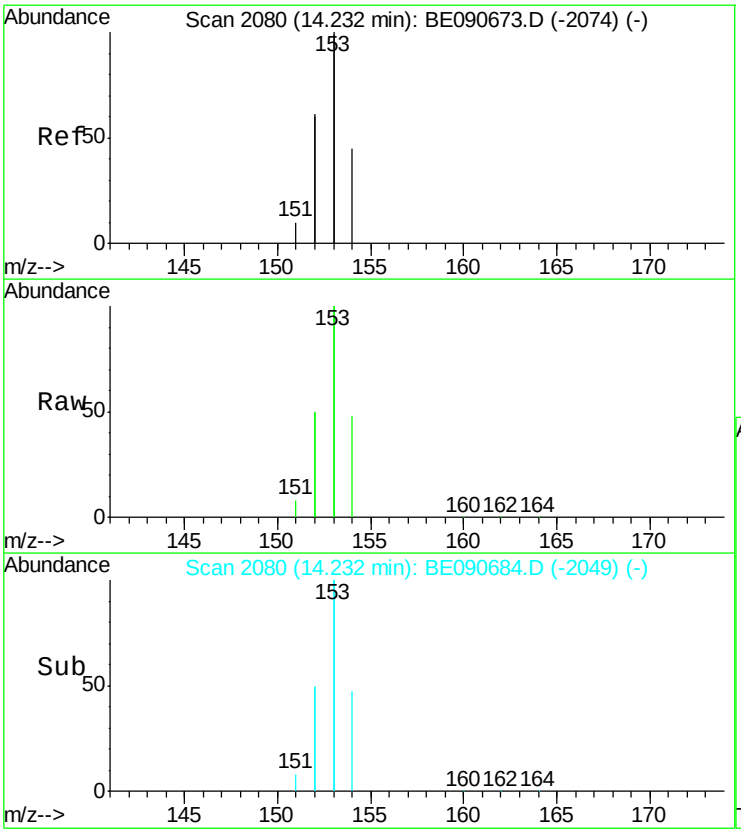
#15
Acenaphthylene
Concen: 3.17 ng
RT: 13.89 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 724594

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	12.9	10.3	15.5

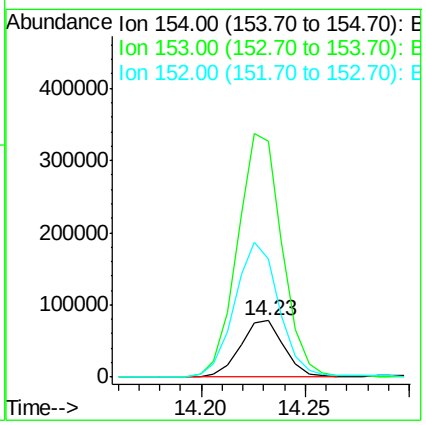


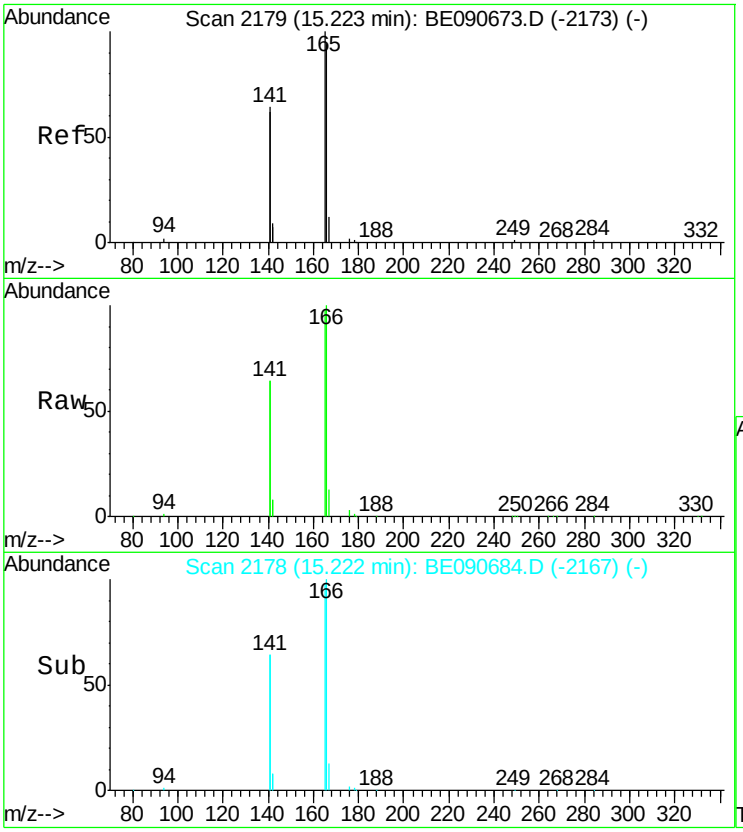


#16
Acenaphthene
Concen: 2.99 ng
RT: 14.23 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Tgt Ion:154 Resp: 114169

Ion	Ratio	Lower	Upper
154	100		
153	441.7	354.5	531.7
152	243.9	227.8	341.6



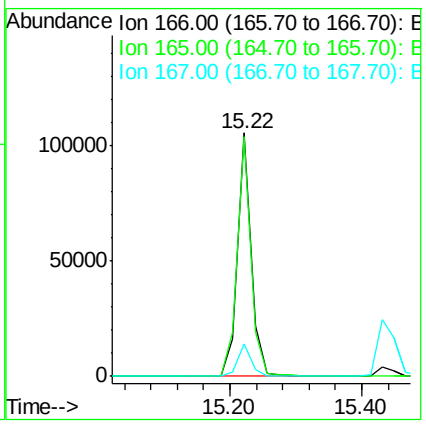


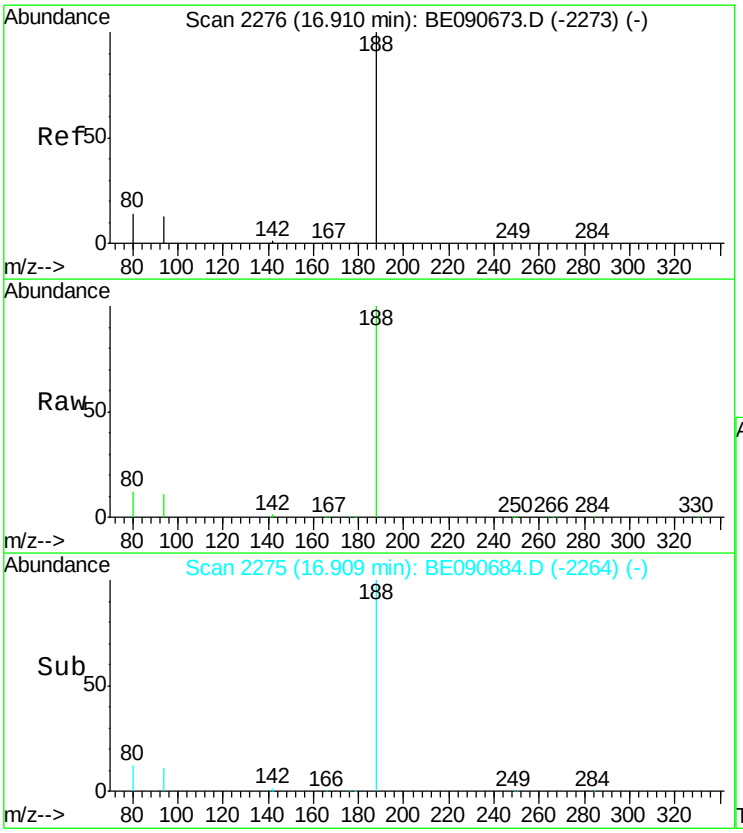
#17
Fluorene
Concen: 3.22 ng
RT: 15.22 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 152947

Ion	Ratio	Lower	Upper
166	100		
165	99.1	82.7	124.1
167	13.5	10.7	16.1

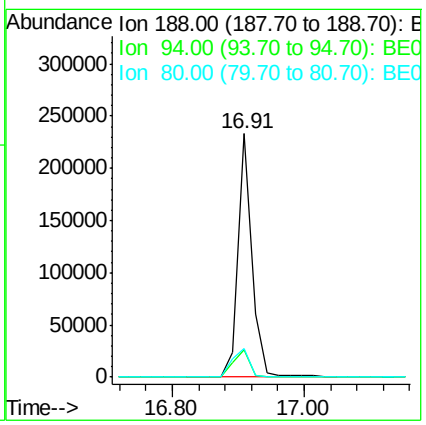


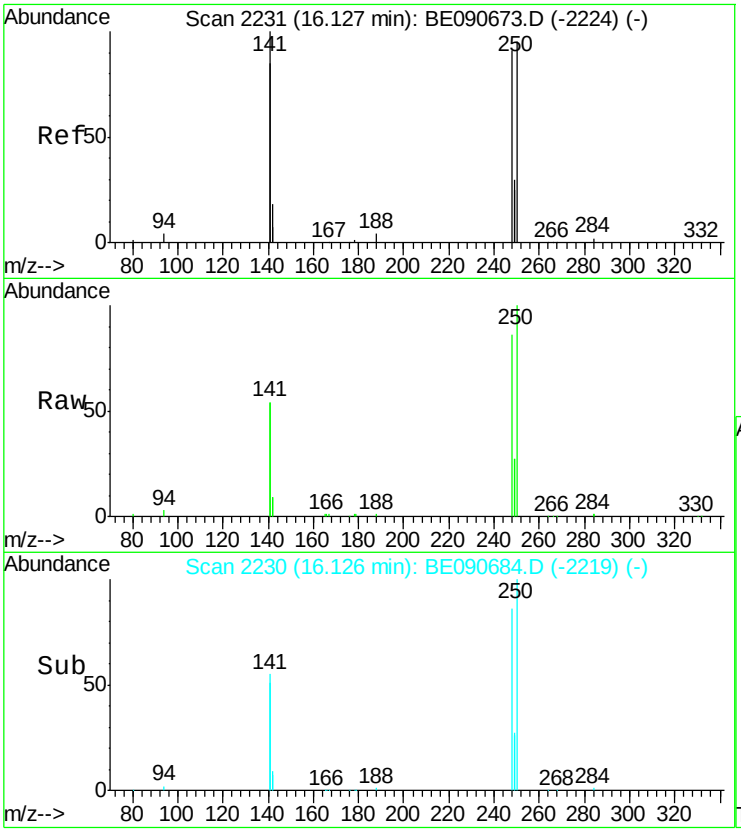


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Tgt Ion:188 Resp: 340952

Ion	Ratio	Lower	Upper
188	100		
94	11.0	10.3	15.5
80	11.8	11.0	16.6



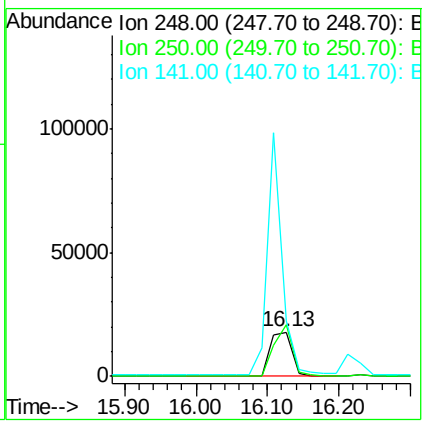


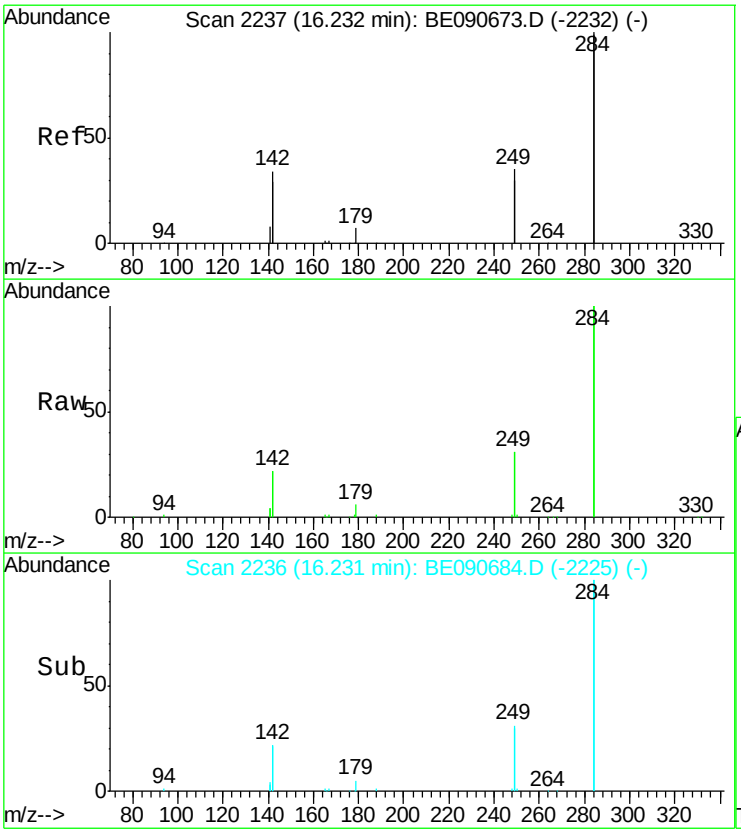
#19
4-Bromophenyl-phenylether
Concen: 3.33 ng
RT: 16.13 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:248 Resp: 38683

Ion	Ratio	Lower	Upper
248	100		
250	97.2	76.7	115.1
141	362.0	292.6	439.0

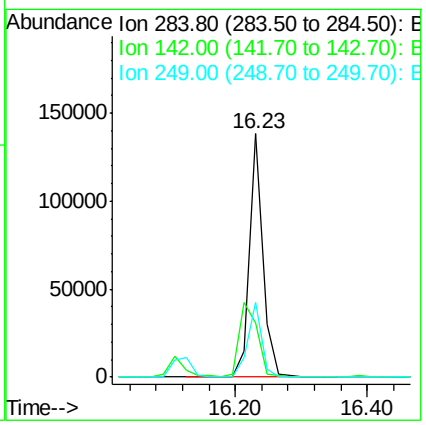


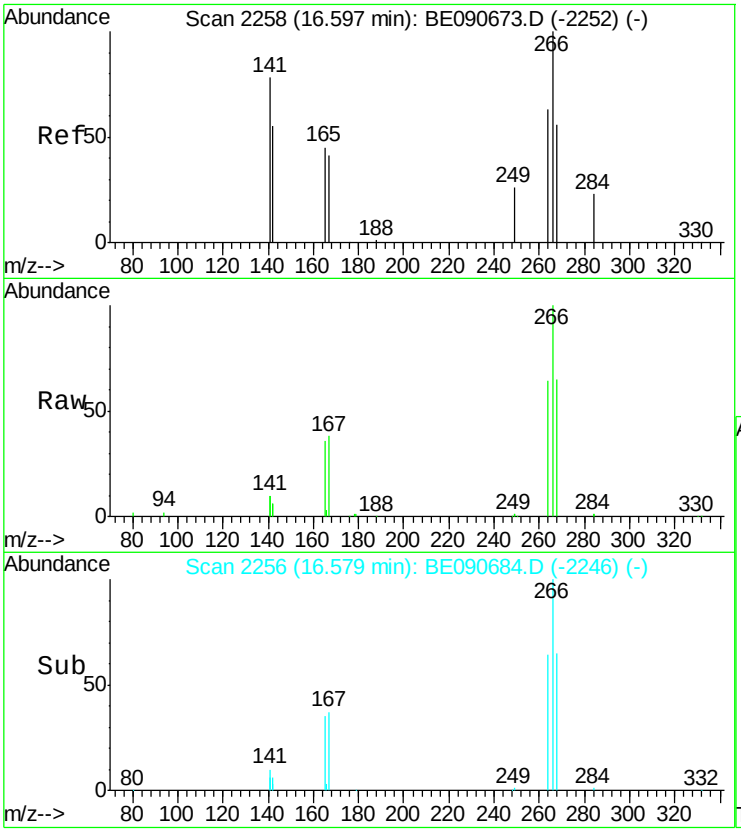


#20
Hexachlorobenzene
Concen: 3.44 ng
RT: 16.23 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Tgt Ion:284 Resp: 192772

Ion	Ratio	Lower	Upper
284	100		
142	40.5	35.0	52.4
249	31.4	25.5	38.3



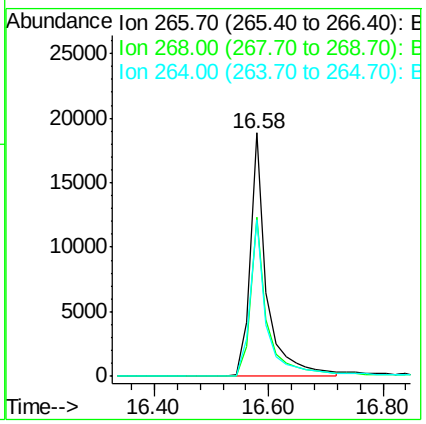


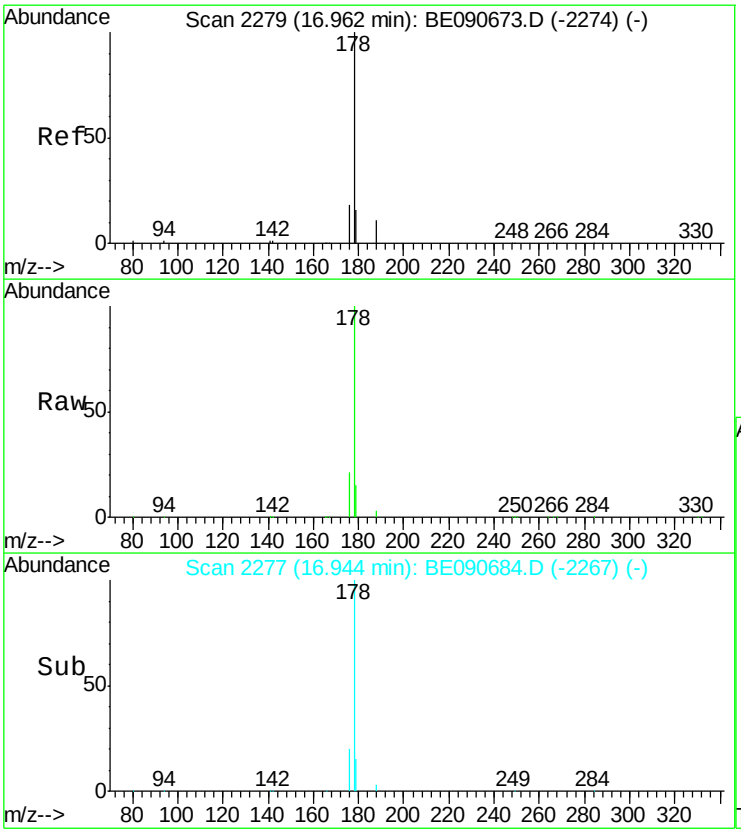
#21
Pentachlorophenol
Concen: 8.29 ng
RT: 16.58 min Scan# 2256
Delta R.T. -0.02 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 38054

Ion	Ratio	Lower	Upper
266	100		
268	65.1	49.6	74.4
264	64.2	53.9	80.9

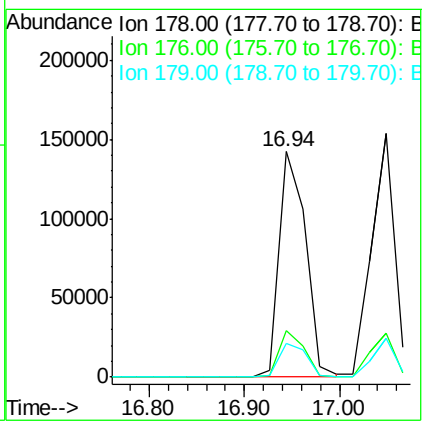


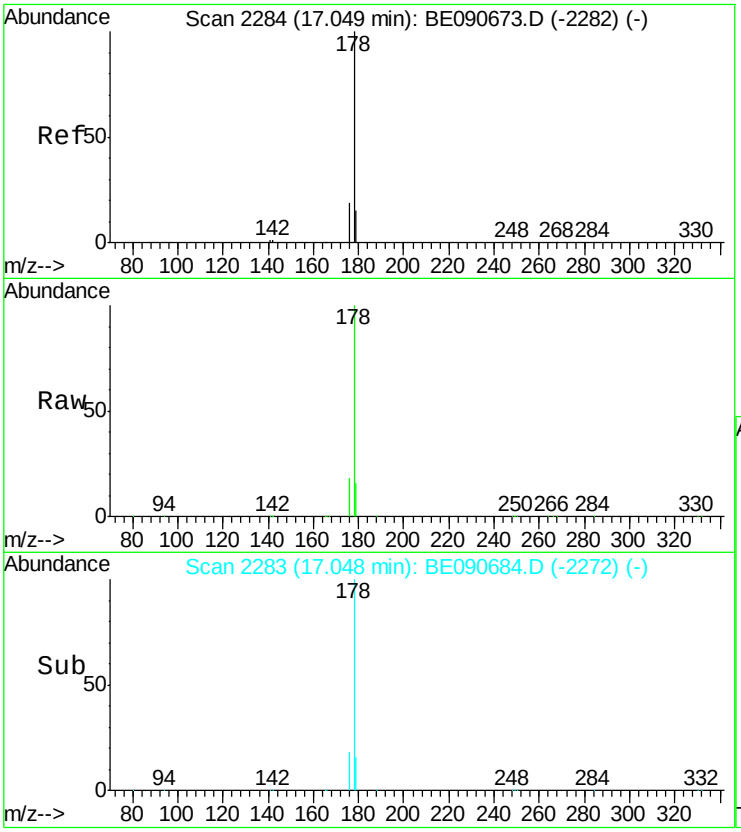


#22
Phenanthrene
Concen: 3.23 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Tgt Ion:178 Resp: 272612

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.4	12.8	19.2



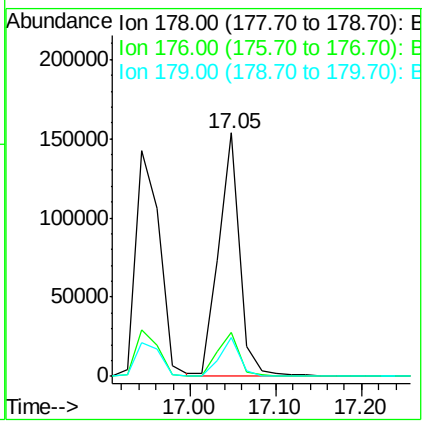


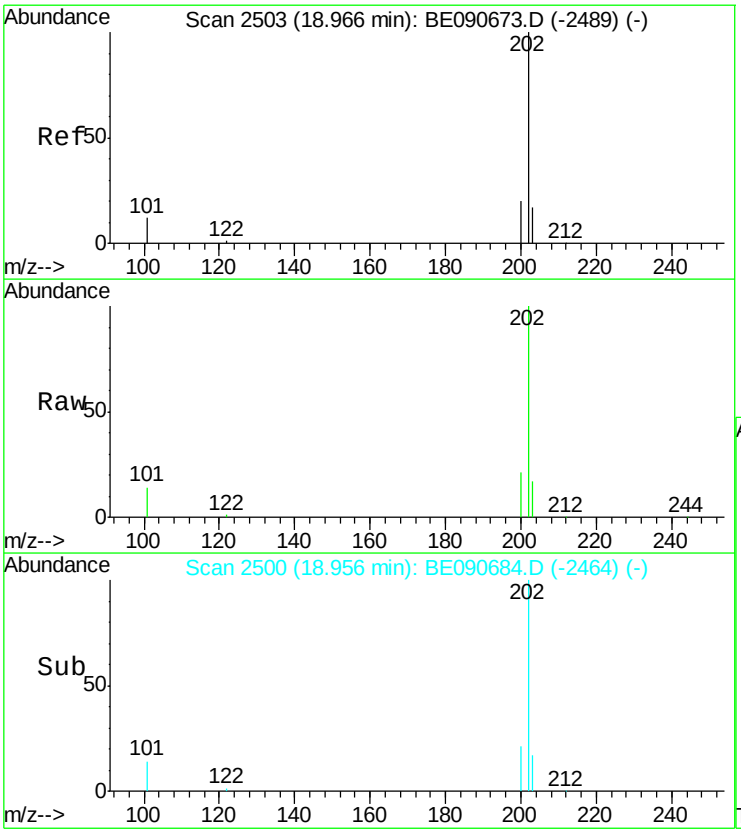
#23
Anthracene
Concen: 3.73 ng
RT: 17.05 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 263102

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.4	12.3	18.5

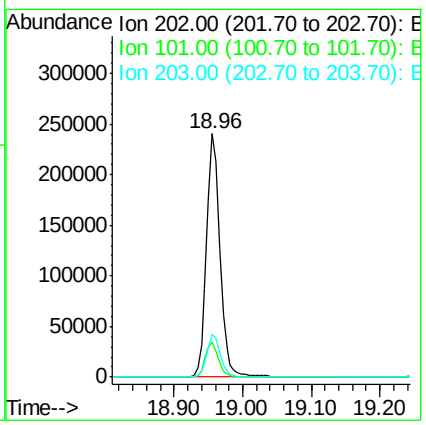


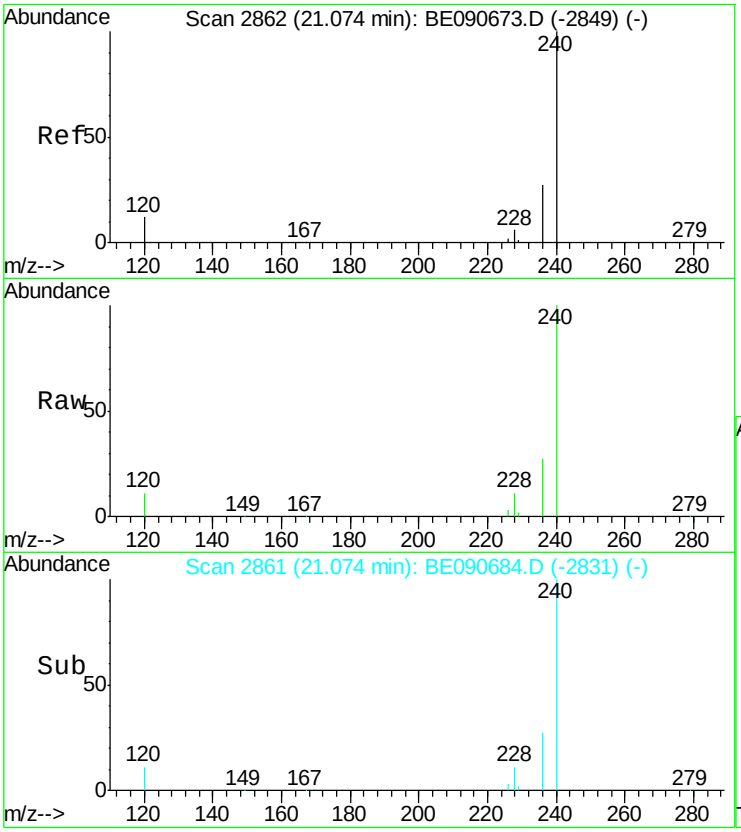


#24
Fluoranthene
Concen: 3.63 ng
RT: 18.96 min Scan# 2500
Delta R.T. -0.01 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Tgt Ion:202 Resp: 322768

Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.0	16.6
203	17.2	13.9	20.9



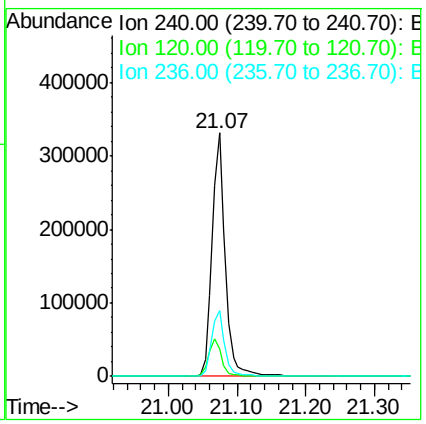


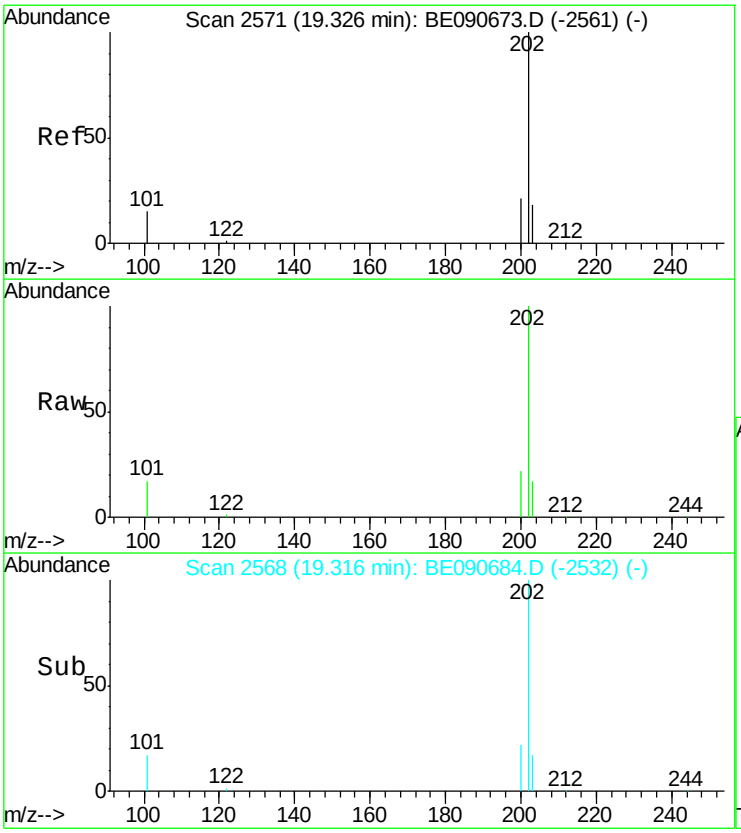
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2861
Delta R.T. 0.00 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 439433

Ion	Ratio	Lower	Upper
240	100		
120	11.2	10.1	15.1
236	26.9	21.9	32.9

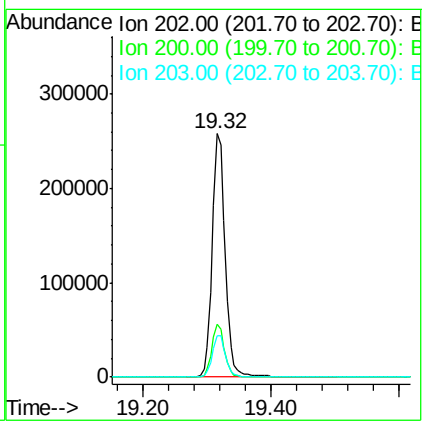


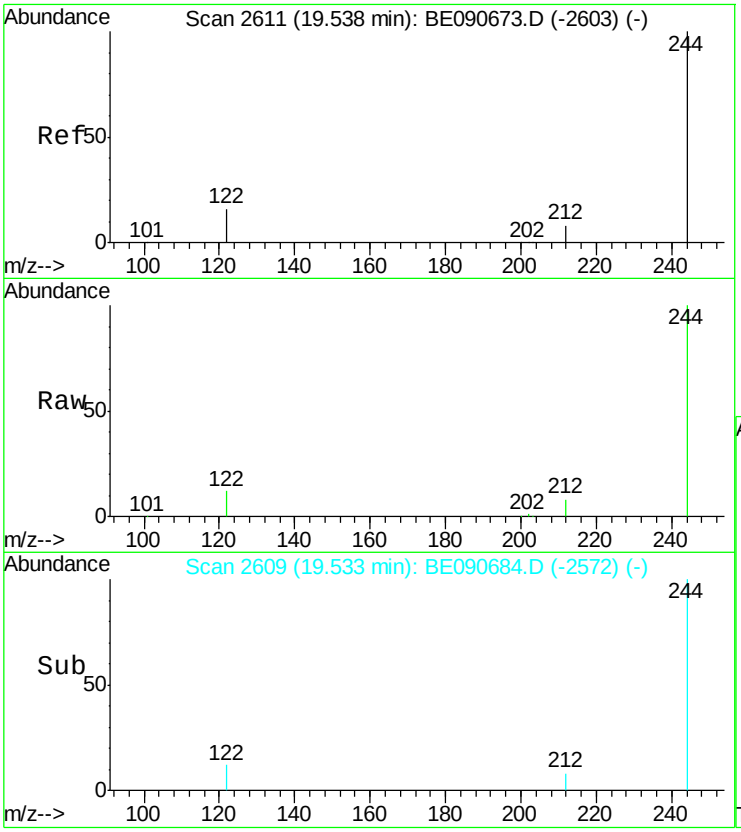


#26
Pyrene
Concen: 3.98 ng
RT: 19.32 min Scan# 2568
Delta R.T. -0.01 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Tgt Ion:202 Resp: 361561

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	18.0	13.8	20.6



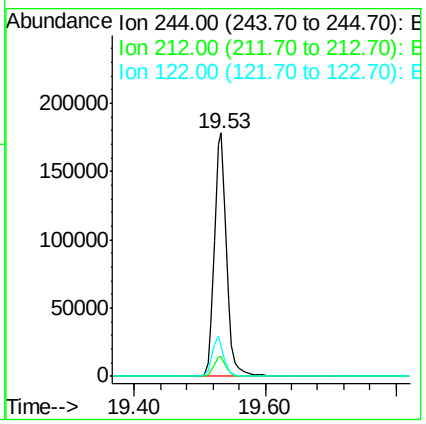


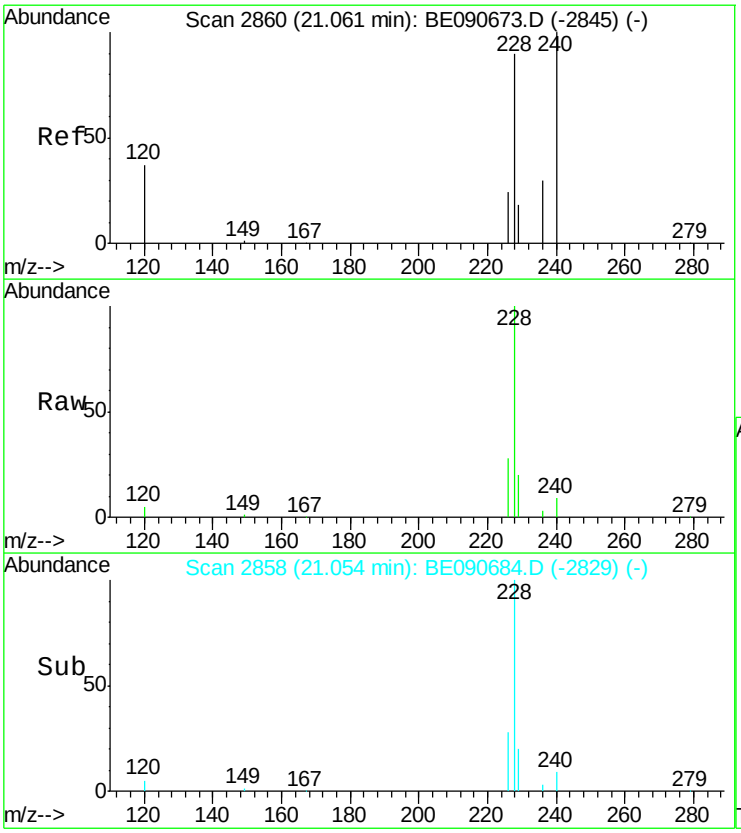
#27
Terphenyl-d14
Concen: 4.78 ng
RT: 19.53 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 232441

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	12.4	12.9	19.3#

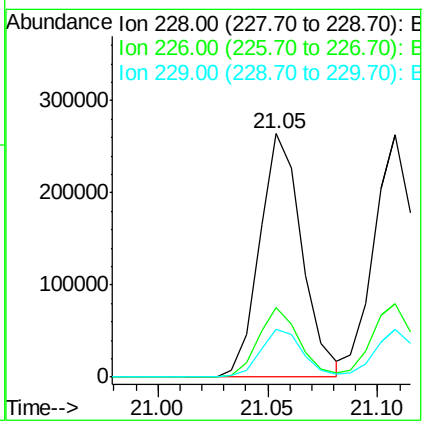


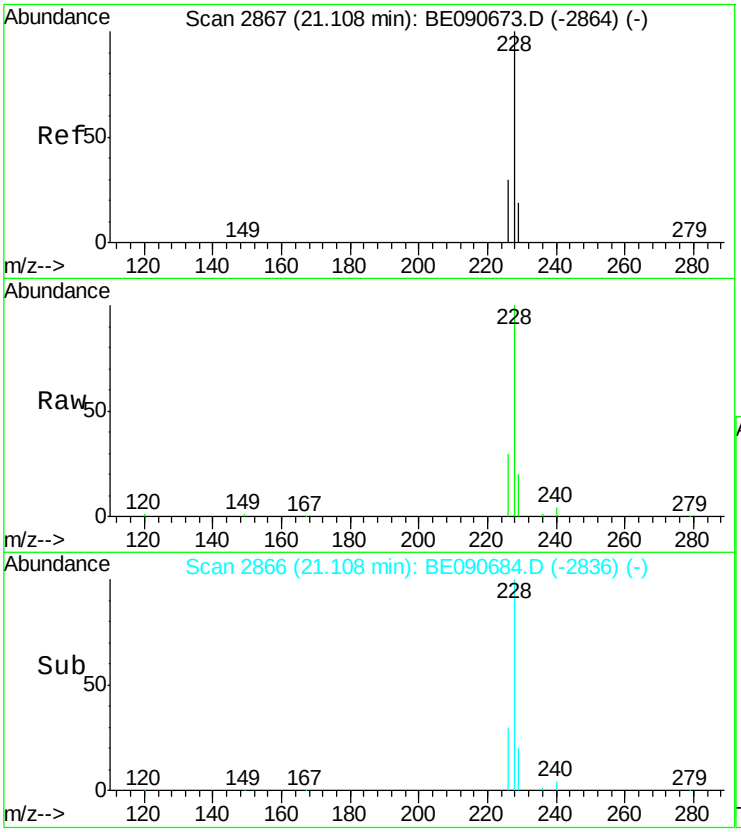


#28
Benzo(a)anthracene
Concen: 3.69 ng
RT: 21.05 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Tgt Ion:228 Resp: 355330

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.6	32.4
229	19.7	15.9	23.9



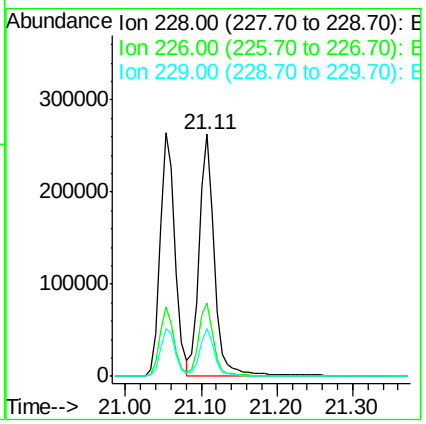


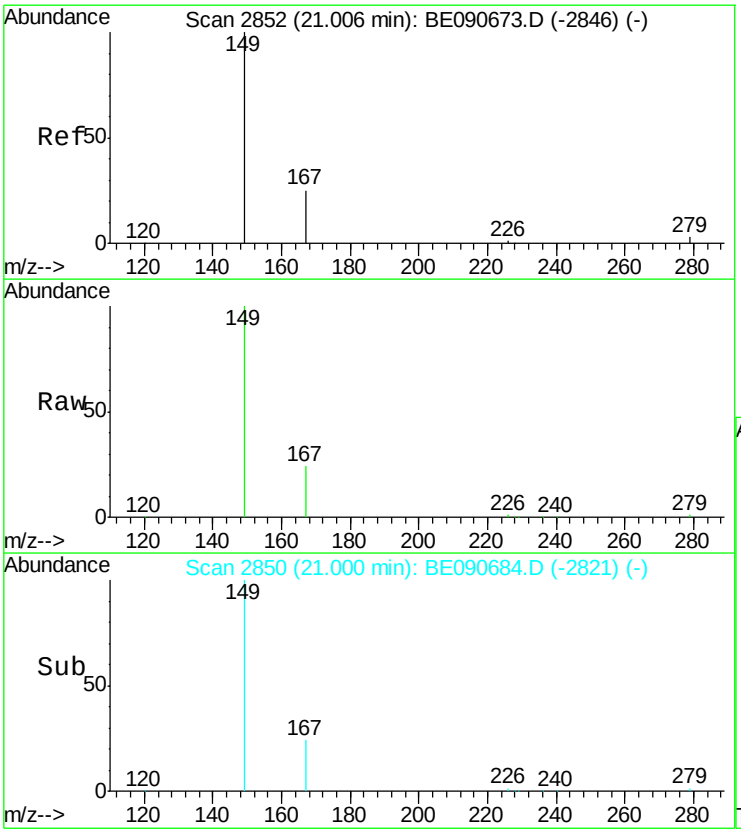
#29
Chrysene
Concen: 3.56 ng
RT: 21.11 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 363505

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	19.5	15.3	22.9

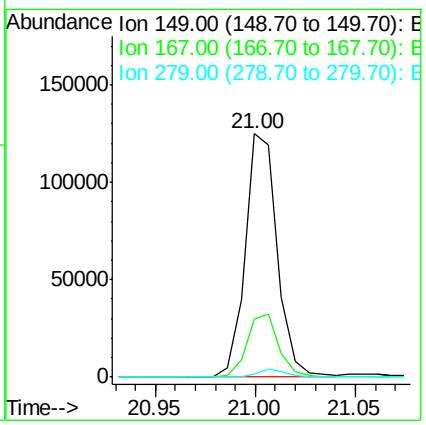


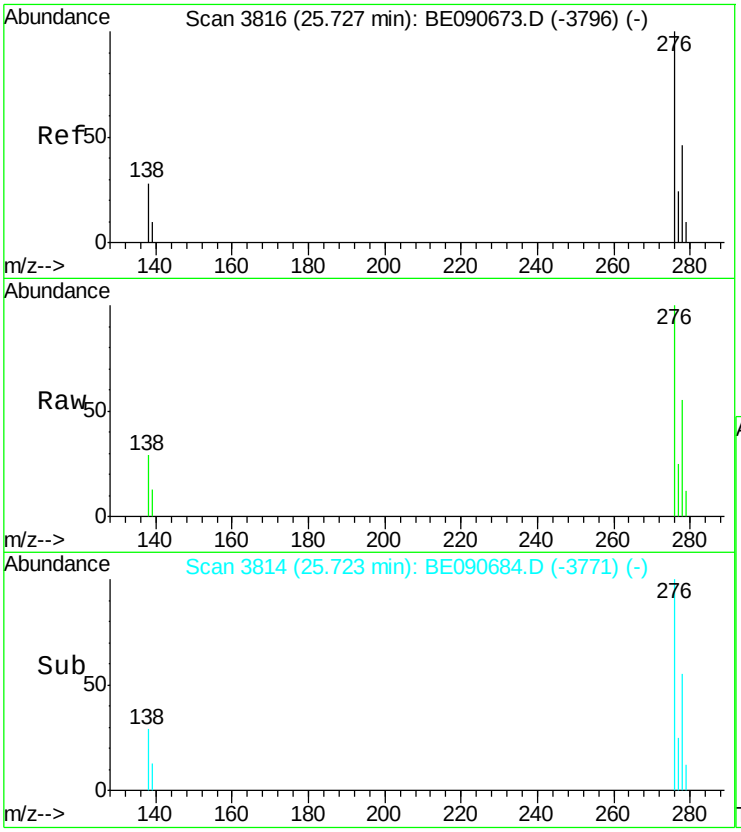


#30
Bis(2-ethylhexyl)phthalate
Concen: 4.33 ng
RT: 21.00 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Tgt Ion:149 Resp: 138652

Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.1	30.1
279	3.0	2.3	3.5



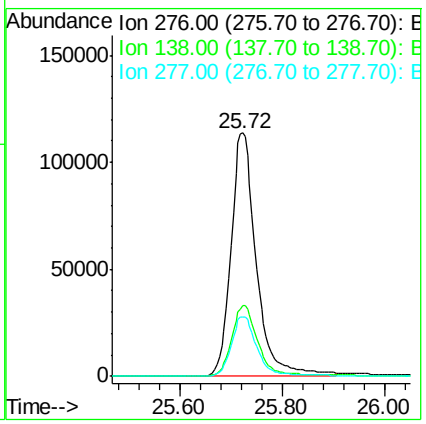


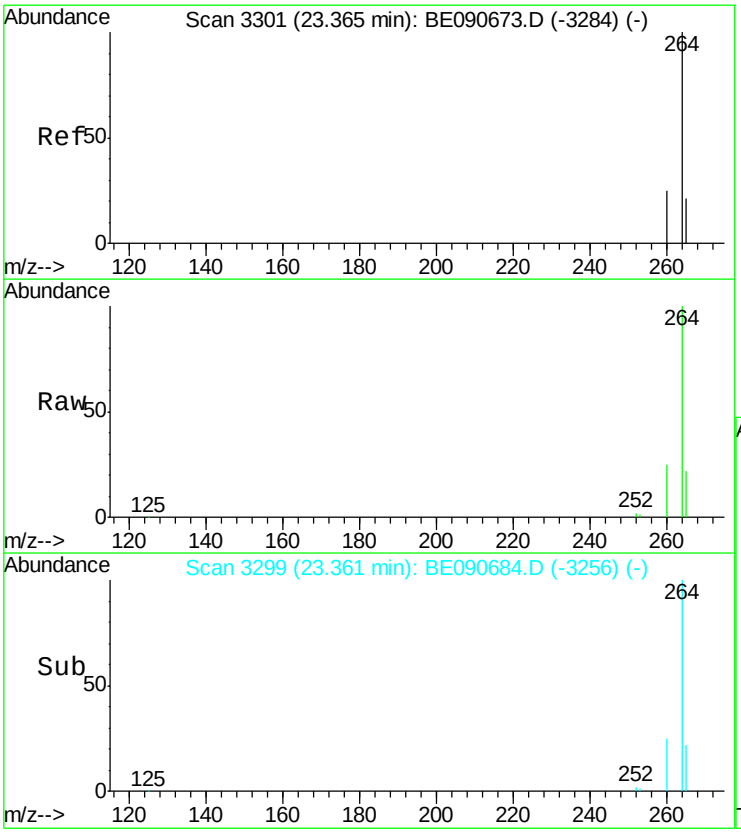
#31
Indeno(1,2,3-cd)pyrene
Concen: 3.78 ng
RT: 25.72 min Scan# 3814
Delta R.T. -0.00 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 392137

Ion	Ratio	Lower	Upper
276	100		
138	30.3	23.3	34.9
277	25.1	19.8	29.6

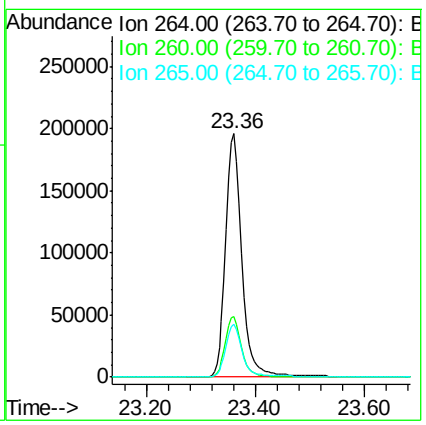


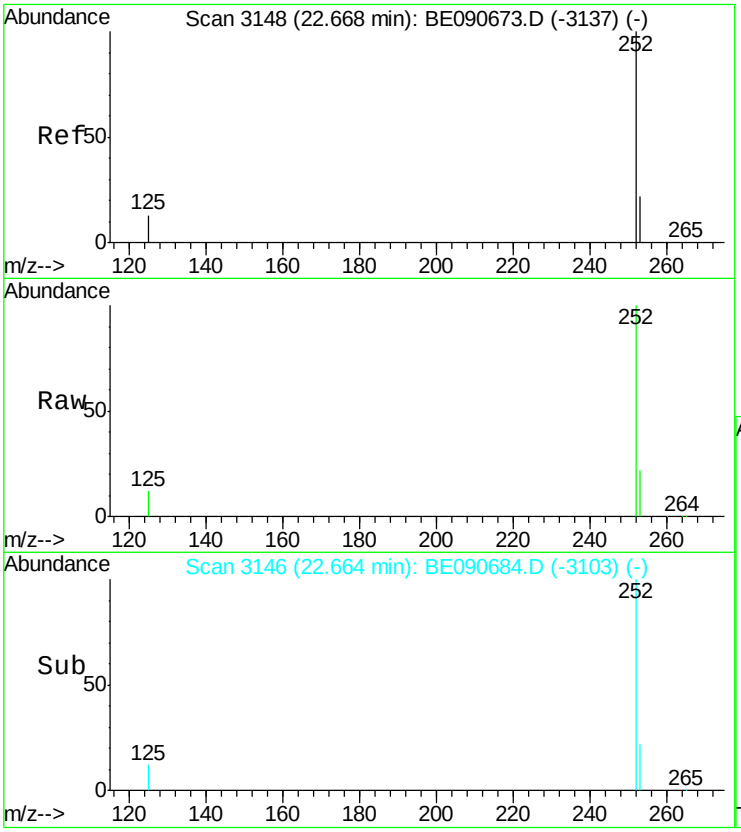


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3299
Delta R.T. -0.00 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Tgt Ion:264 Resp: 403388

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	21.9	17.5	26.3



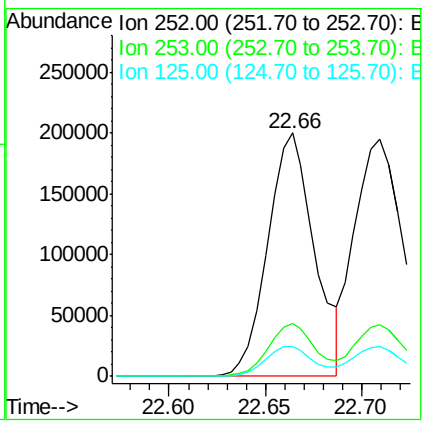


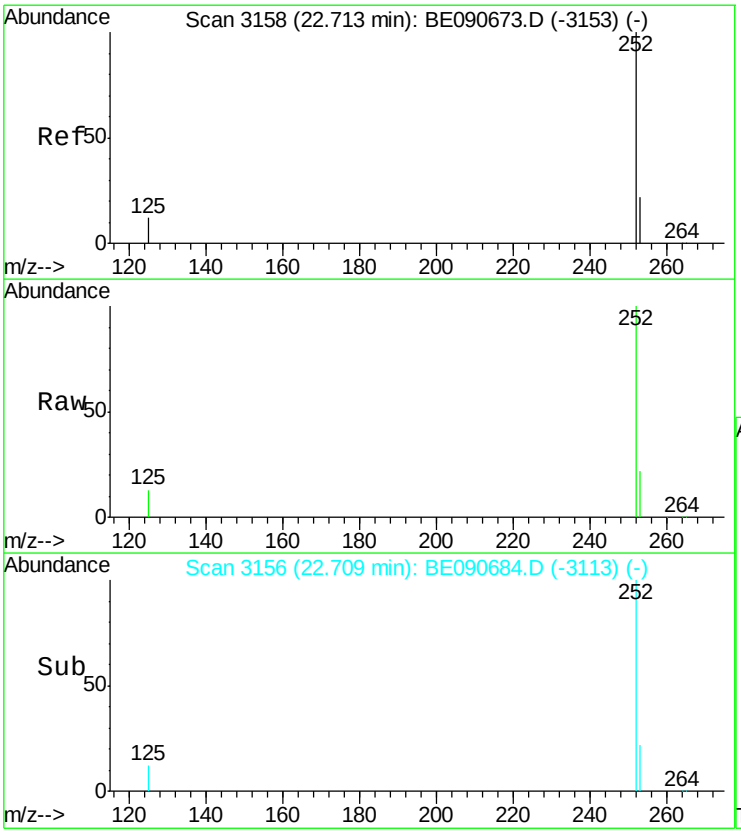
#33
Benzo(b)fluoranthene
Concen: 3.85 ng
RT: 22.66 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 336743

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	12.4	10.6	16.0

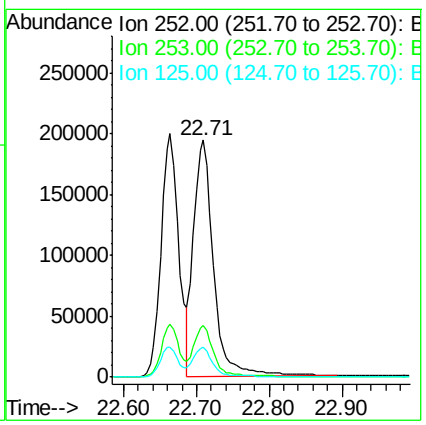


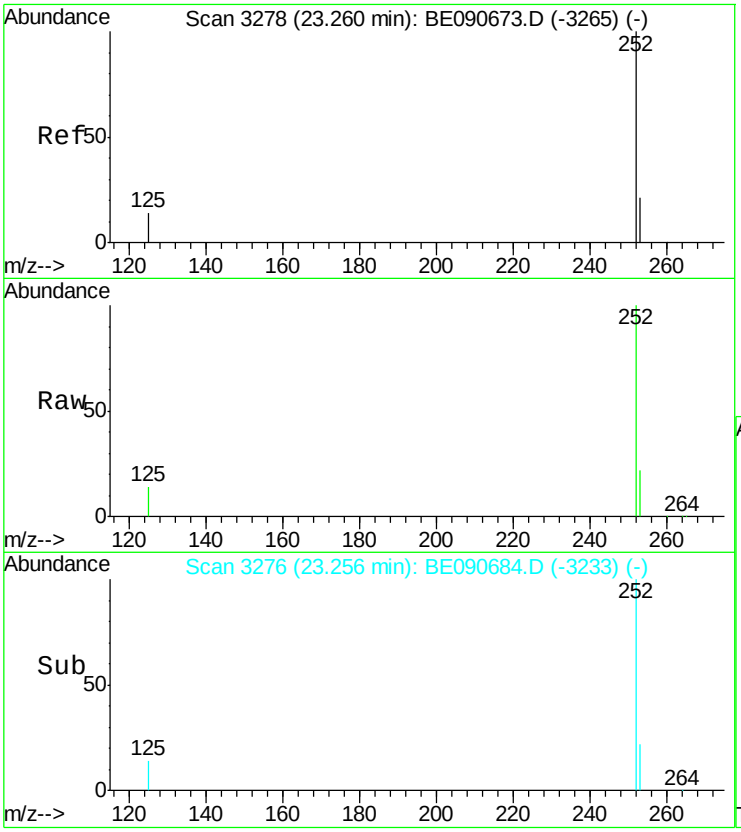


#34
Benzo(k)fluoranthene
Concen: 3.60 ng
RT: 22.71 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Tgt Ion:252 Resp: 367102

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	12.5	10.1	15.1



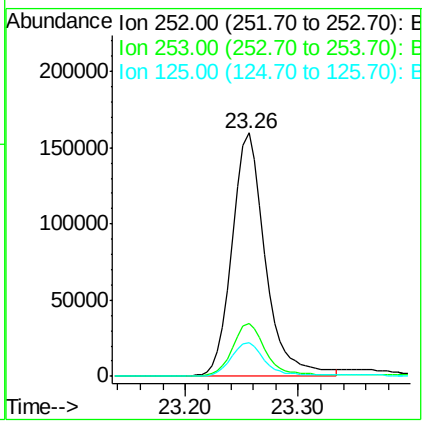


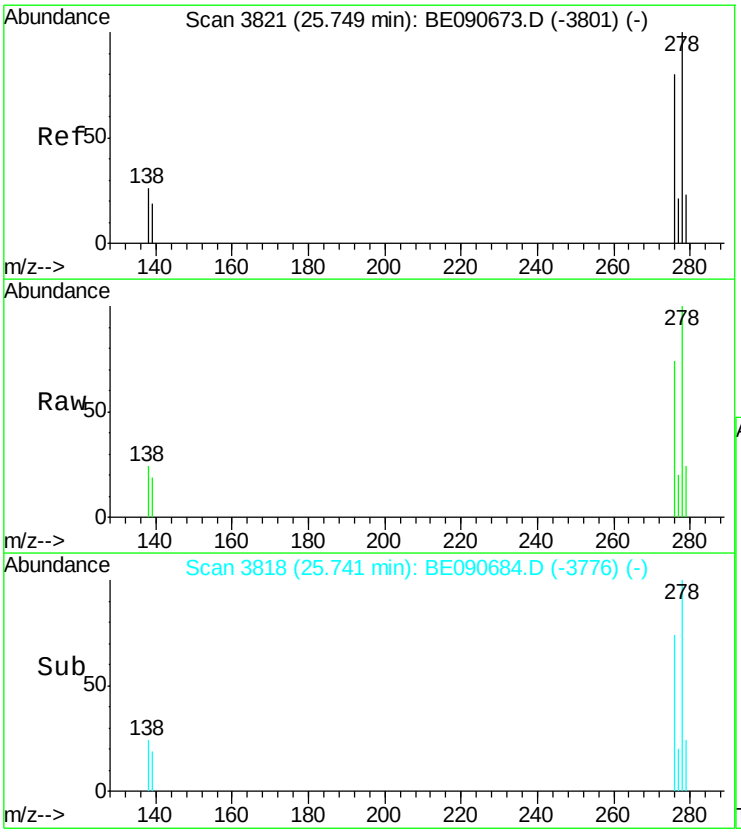
#35
Benzo(a)pyrene
Concen: 4.04 ng
RT: 23.26 min Scan# 3276
Delta R.T. -0.00 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 316026

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

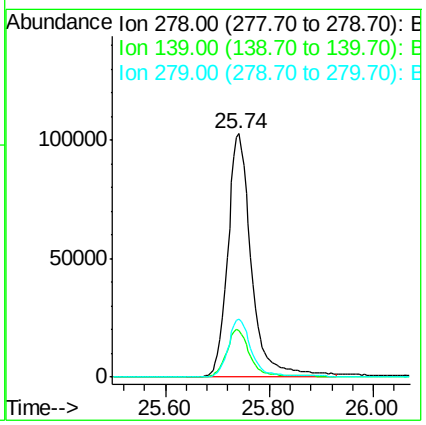


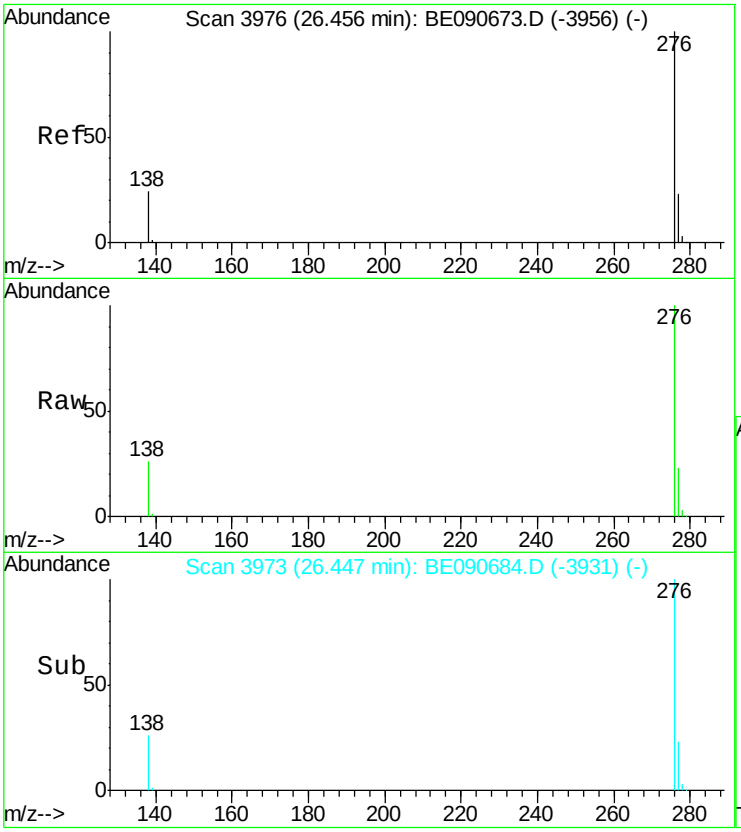


#36
Dibenzo(a,h)anthracene
Concen: 3.45 ng
RT: 25.74 min Scan# 3818
Delta R.T. -0.01 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Tgt Ion:278 Resp: 324727

Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.4	23.0
279	24.0	18.8	28.2





#37
Benzo(g,h,i)perylene
Concen: 3.71 ng
RT: 26.45 min Scan# 3973
Delta R.T. -0.01 min
Lab File: BE090684.D
Acq: 2 Sep 2015 1:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 333951

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.5	27.7
138	26.3	20.1	30.1