Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081115\
Data File : BE090460.D
Acq On : 12 Aug 2015 10:37
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001EC

Quant Time: Aug 12 11:25:24 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	22565	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	106131	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	62976	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	147134	5.00	ng	0.00
25) Chrysene-d12	21.09	240	167440	5.00	ng	0.00
32) Perylene-d12	23.40	264	149781	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	4836	1.43	ng	0.00
5) Phenol-d6	6.77	99	7526	1.24	ng	0.00
7) Nitrobenzene-d5	8.73	82	7610	1.05	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	1674	1.49	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	17920	1.03	ng	0.00
27) Terphenyl-d14	19.55	244	27356	1.11	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	3043	1.03	ng	97
3) n-Nitrosodimethylamine	3.49	42	3735	1.07	ng	82
8) Nitrobenzene	8.77	77	7874	1.03	ng	99
9) Naphthalene	10.38	128	23944	1.02	ng	99
10) Hexachlorobutadiene	10.68	225	4070	1.09	ng	99
11) 2-Methylnaphthalene	12.01	142	14706	1.08	ng	98
15) Acenaphthylene	13.91	152	105876	1.04	ng	100
16) Acenaphthene	14.26	154	15940	1.01	ng	93
17) Fluorene	15.26	166	20758	1.01	ng	99
19) 4-Bromophenyl-phenylether	16.14	248	5741	1.00	ng	95
20) Hexachlorobenzene	16.27	284	27390	0.93	ng	98
21) Pentachlorophenol	16.61	266	1322	1.29	ng	96
22) Phenanthrene	16.98	178	37050	1.01	ng	100
23) Anthracene	17.07	178	33368	1.10	ng	100
24) Fluoranthene	18.98	202	38291	1.06	ng	99
26) Pyrene	19.34	202	40078	1.10	ng	100
28) Benzo(a)anthracene	21.08	228	39796	1.07	ng	99
29) Chrysene	21.13	228	44078	0.98	ng	99
30) Bis(2-ethylhexyl)phthalate	21.03	149	10789	1.21	ng	99
31) Indeno(1,2,3-cd)pyrene	25.78	276	34013	1.05	ng	96
33) Benzo(b)fluoranthene	22.70	252	31356	1.08	ng	99
34) Benzo(k)fluoranthene	22.74	252	37388	0.90	ng	99
35) Benzo(a)pyrene	23.29	252	27702	1.05	ng	99
36) Dibenzo(a,h)anthracene	25.80	278	25979	1.07	ng	99
37) Benzo(g,h,i)perylene	26.51	276	29072	1.05	ng	98

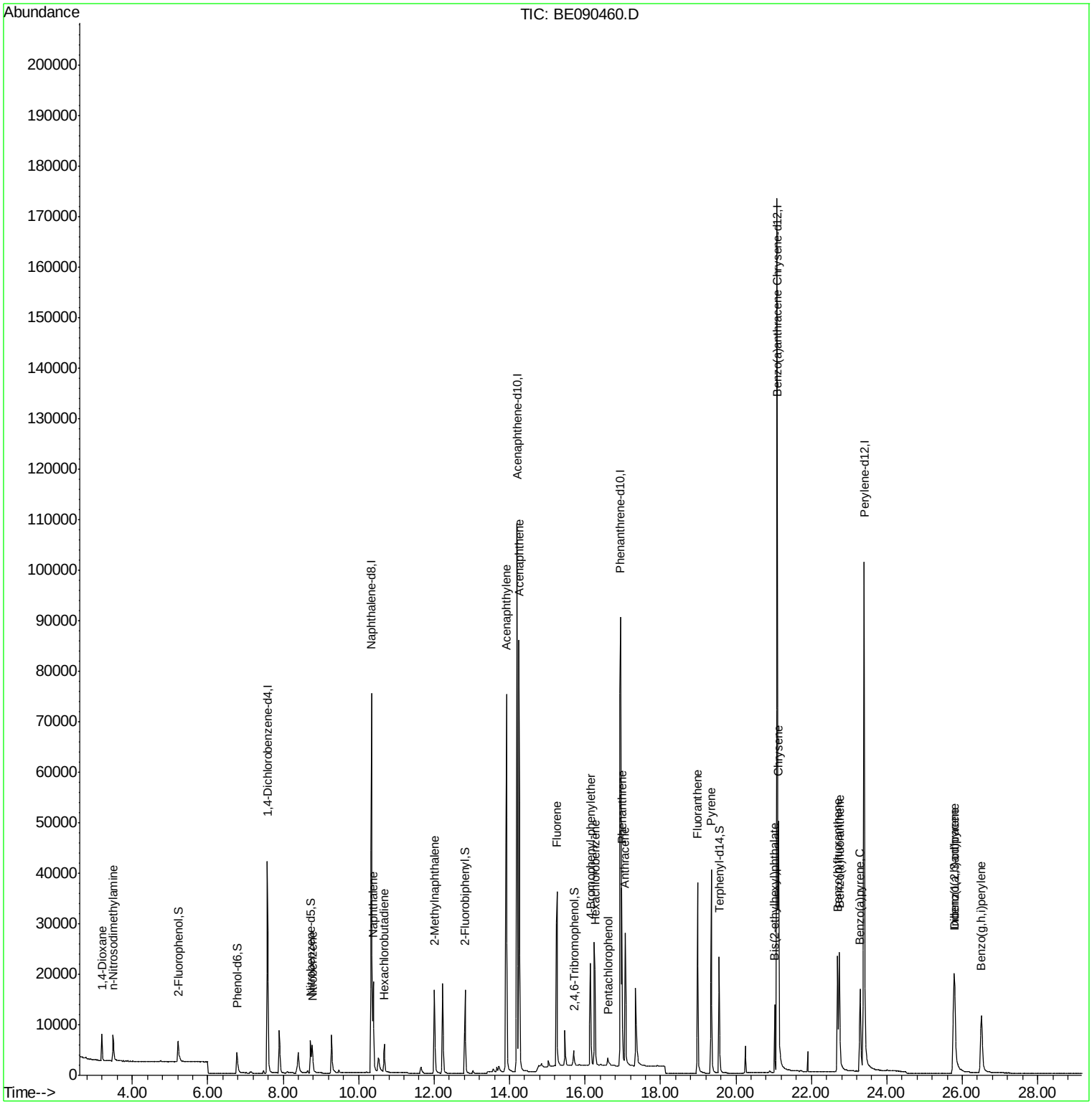
(#) = qualifier out of range (m) = manual integration (+) = signals summed

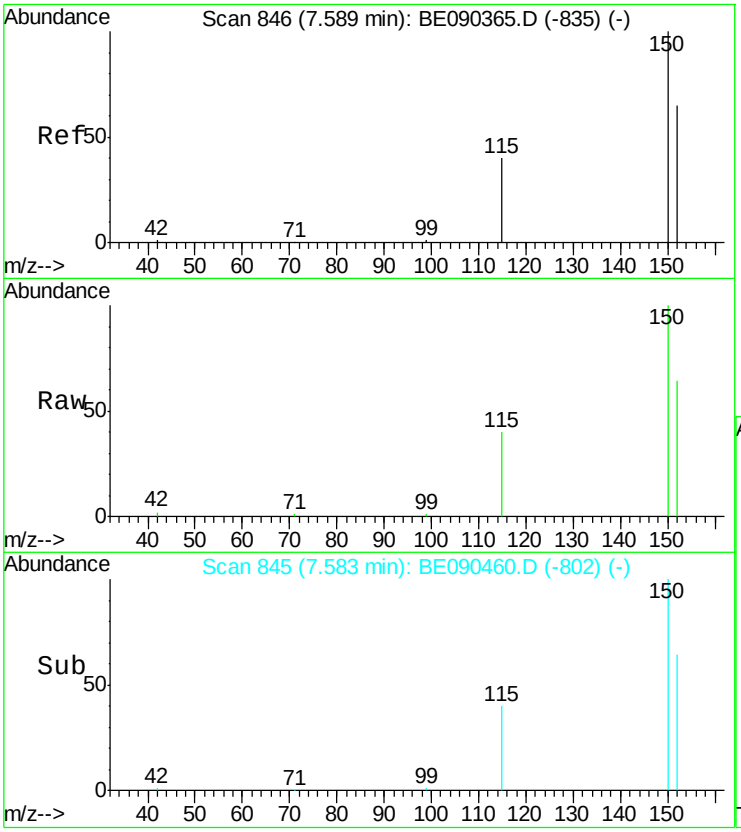
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081115\
Data File : BE090460.D
Acq On : 12 Aug 2015 10:37
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Quant Time: Aug 12 11:25:24 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



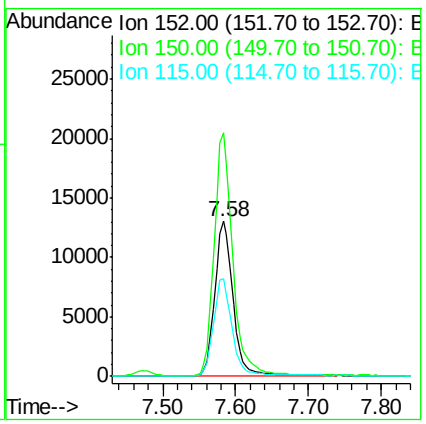


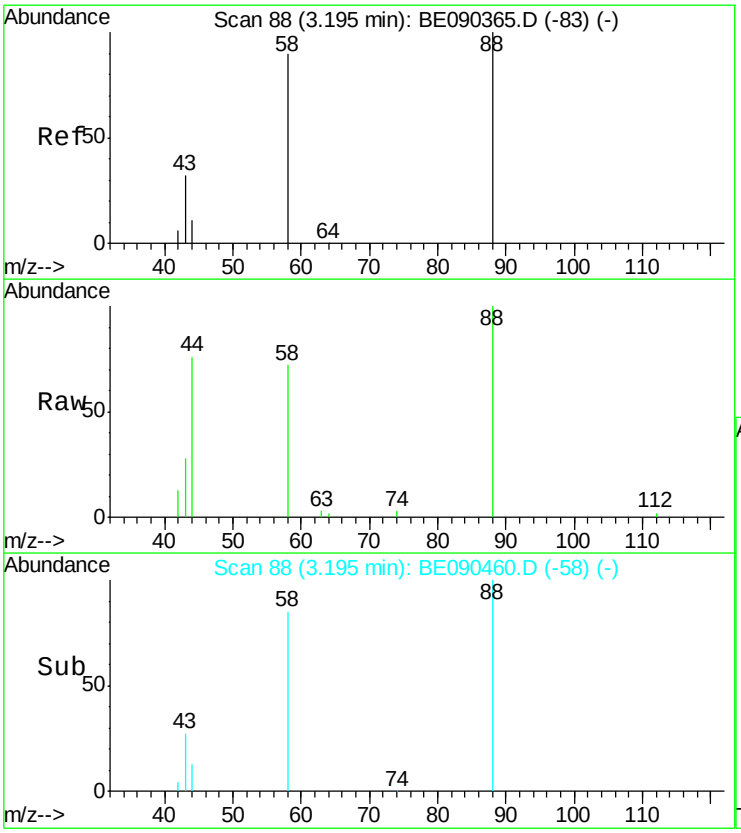
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 22565

Ion	Ratio	Lower	Upper
152	100		
150	157.1	123.0	184.4
115	63.3	48.9	73.3

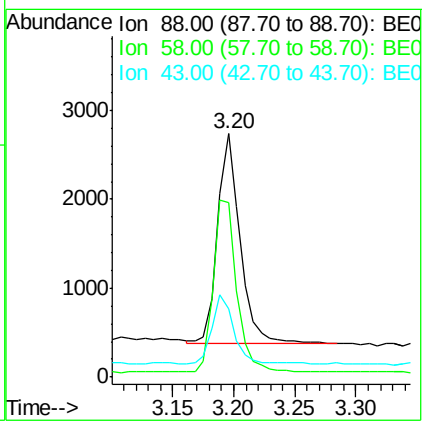


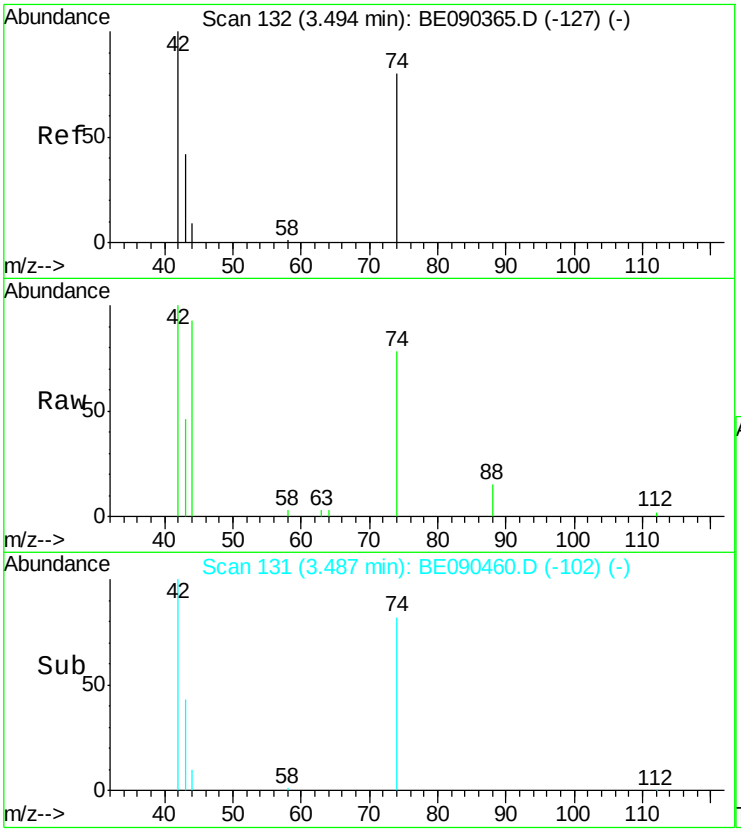


#2
1,4-Dioxane
Concen: 1.03 ng
RT: 3.20 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Tgt Ion: 88 Resp: 3043

Ion	Ratio	Lower	Upper
88	100		
58	85.1	70.0	105.0
43	32.6	28.4	42.6



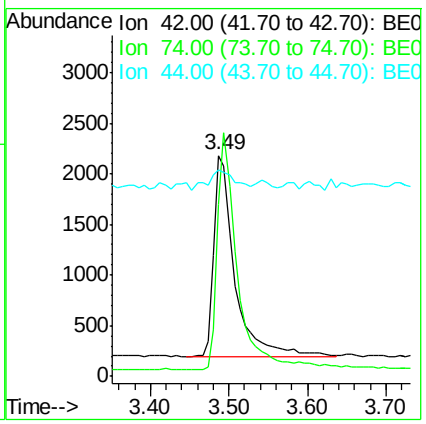


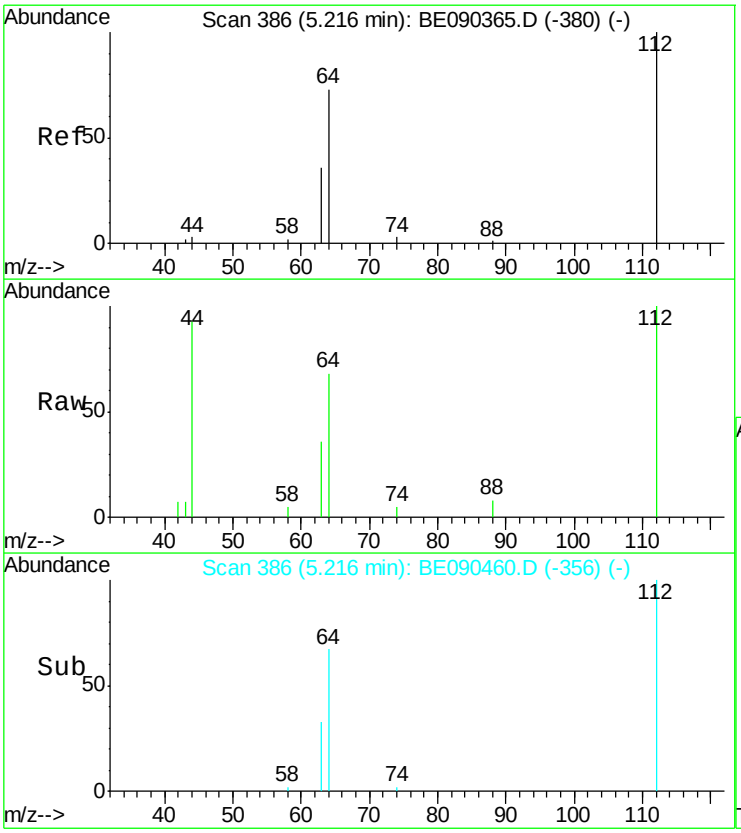
#3
n-Nitrosodimethylamine
Concen: 1.07 ng
RT: 3.49 min Scan# 131
Delta R.T. -0.01 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 42 Resp: 3735

Ion	Ratio	Lower	Upper
42	100		
74	112.7	75.2	112.8
44	12.4	8.7	13.1

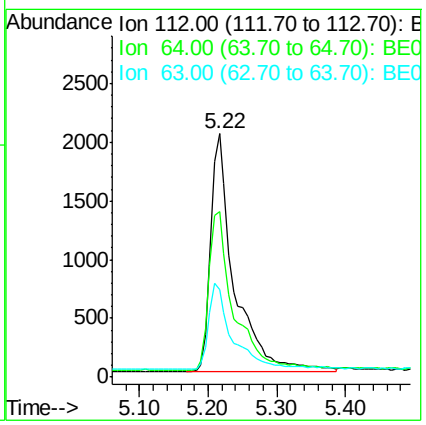


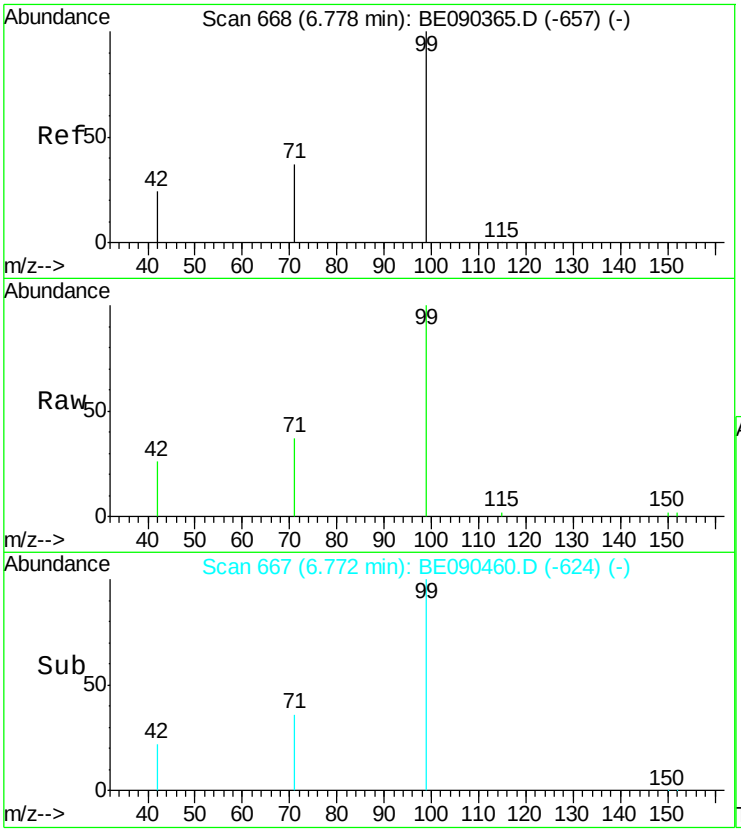


#4
2-Fluorophenol
Concen: 1.43 ng
RT: 5.22 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Tgt Ion:112 Resp: 4836

Ion	Ratio	Lower	Upper
112	100		
64	70.1	37.1	55.7#
63	36.2	19.5	29.3#



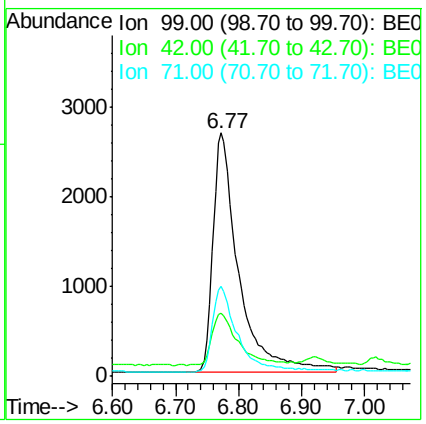


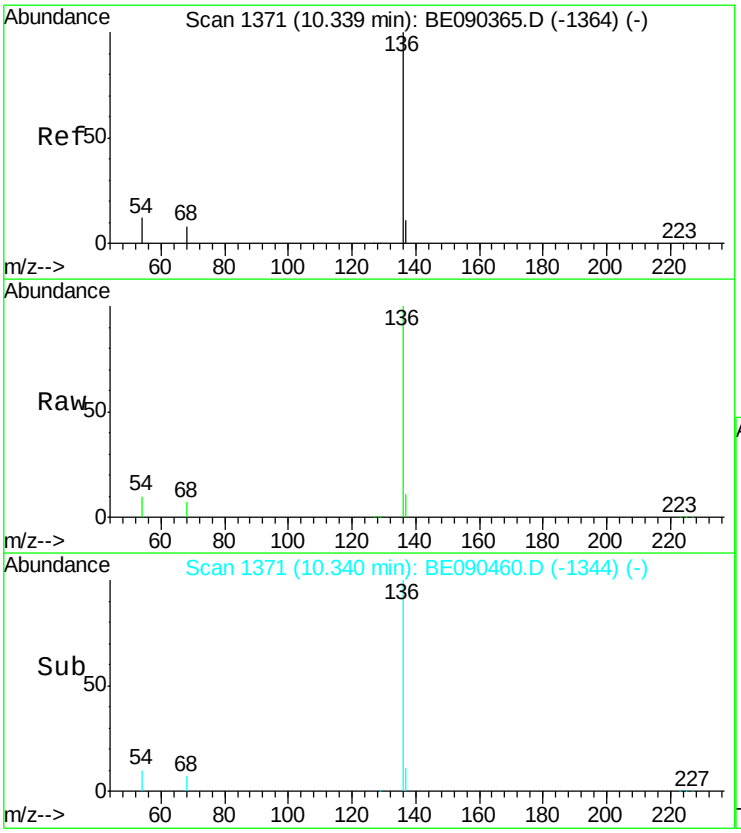
#5
Phenol-d6
Concen: 1.24 ng
RT: 6.77 min Scan# 667
Delta R.T. -0.01 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 99 Resp: 7526

Ion	Ratio	Lower	Upper
99	100		
42	22.9	18.2	27.4
71	34.2	27.4	41.0

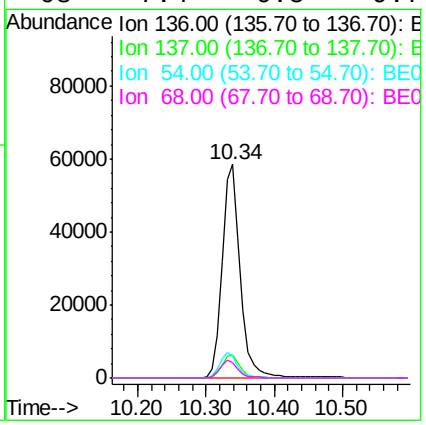


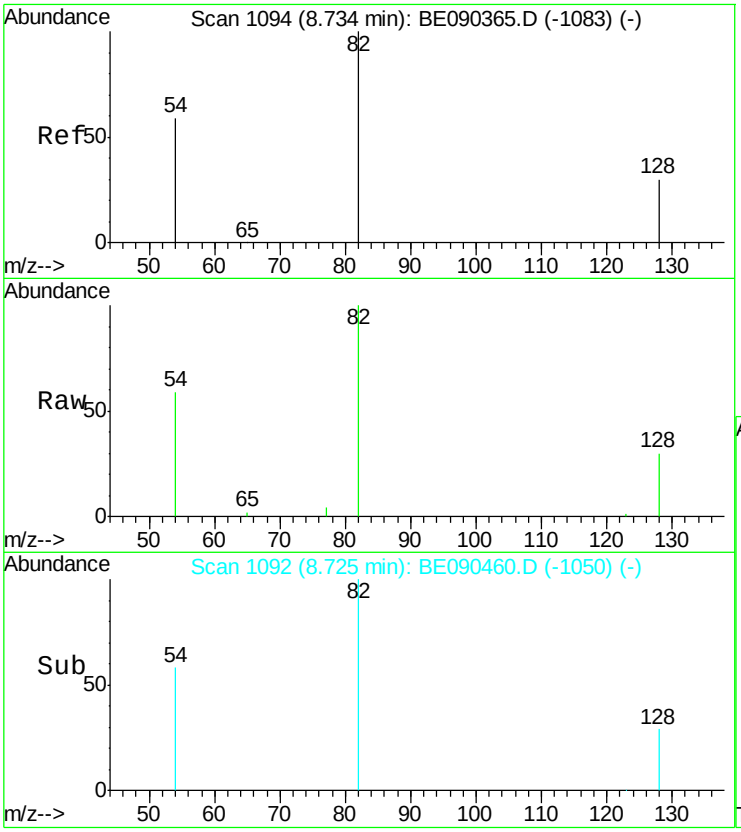


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Tgt Ion:136 Resp: 106131

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.2	9.4	14.0
68	7.4	6.5	9.7



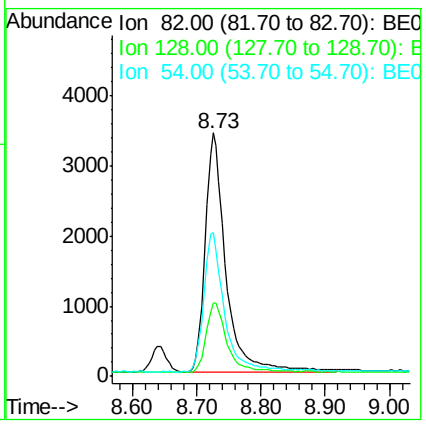


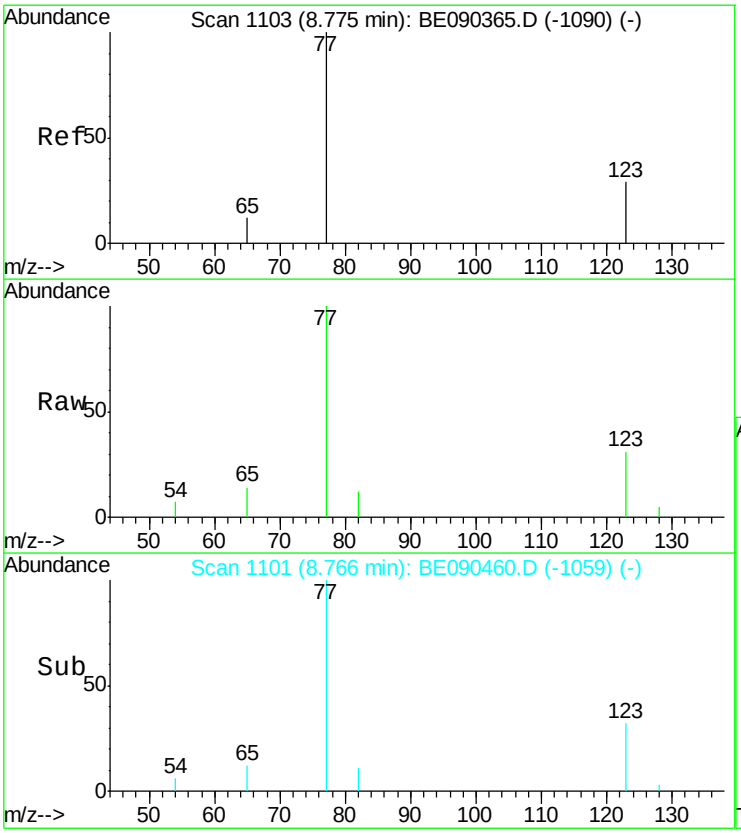
#7
Nitrobenzene-d5
Concen: 1.05 ng
RT: 8.73 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 82 Resp: 7610

Ion	Ratio	Lower	Upper
82	100		
128	30.4	25.0	37.6
54	59.3	48.8	73.2

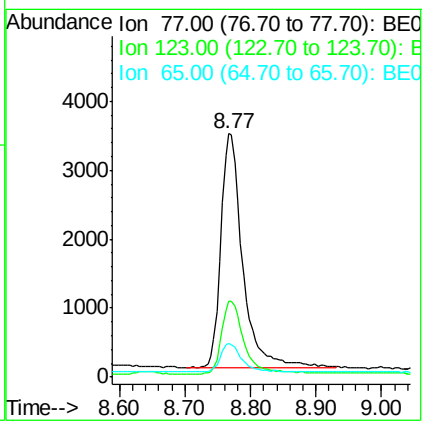


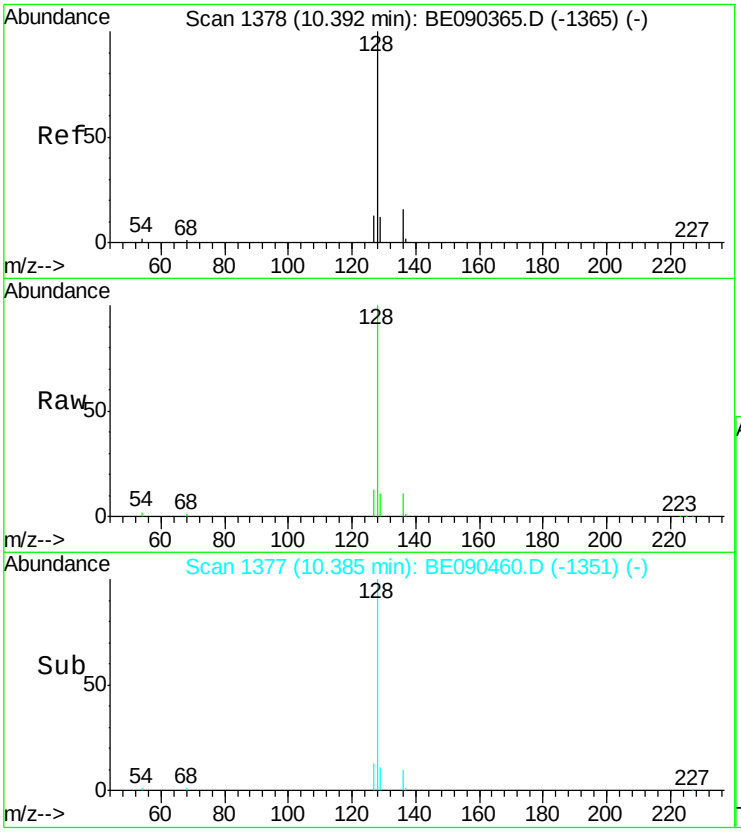


#8
Nitrobenzene
Concen: 1.03 ng
RT: 8.77 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Tgt Ion: 77 Resp: 7874

Ion	Ratio	Lower	Upper
77	100		
123	32.0	25.1	37.7
65	12.0	9.3	13.9



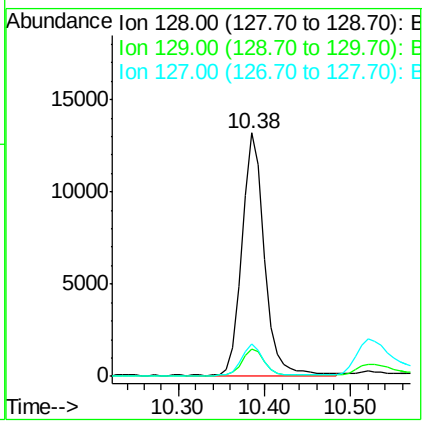


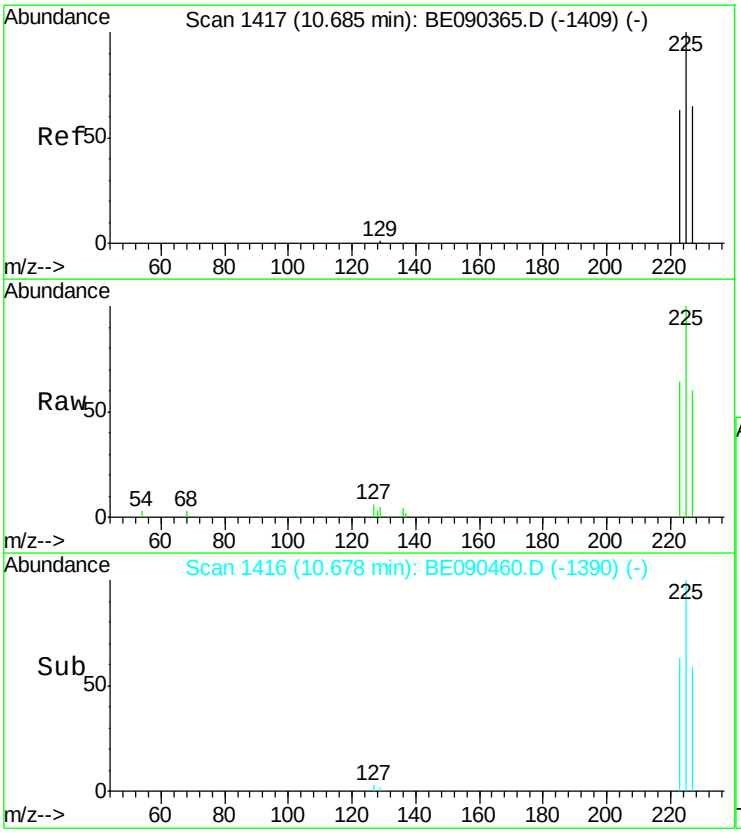
#9
Naphthalene
Concen: 1.02 ng
RT: 10.38 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:128 Resp: 23944

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.6
127	13.3	10.6	16.0

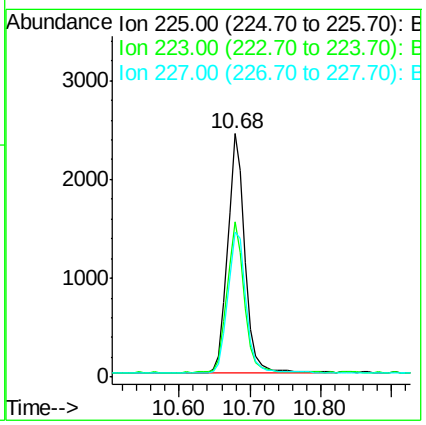


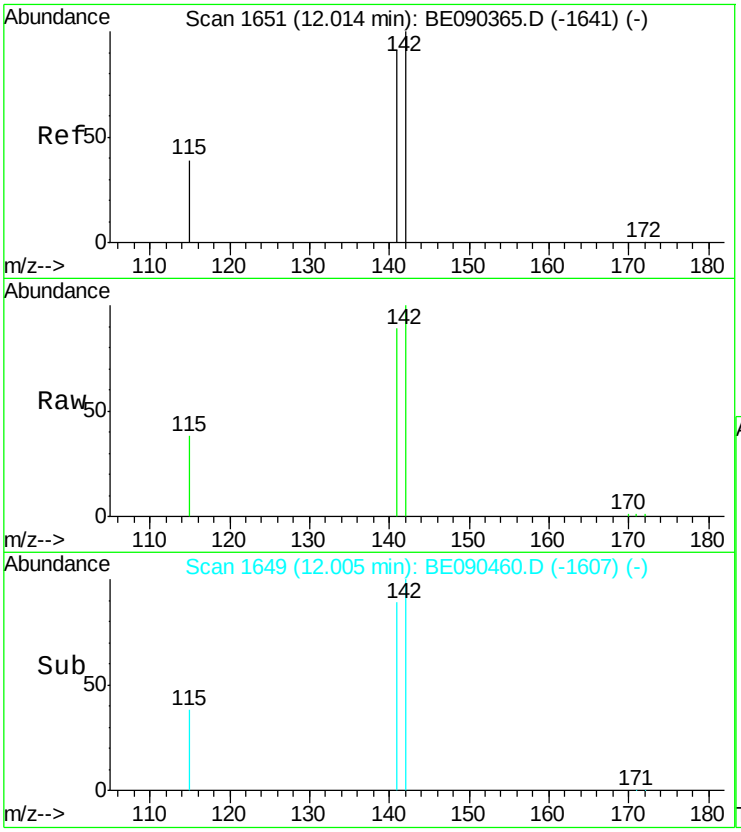


#10
Hexachlorobutadiene
Concen: 1.09 ng
RT: 10.68 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Tgt Ion:225 Resp: 4070

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	75.8
227	62.5	50.7	76.1



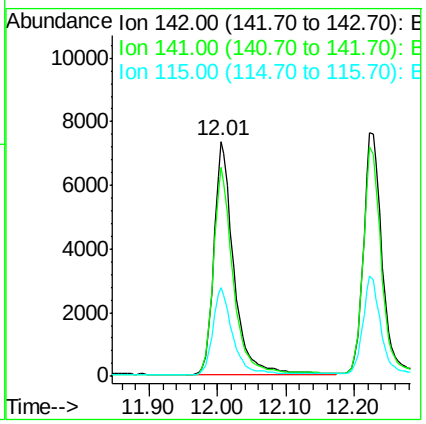


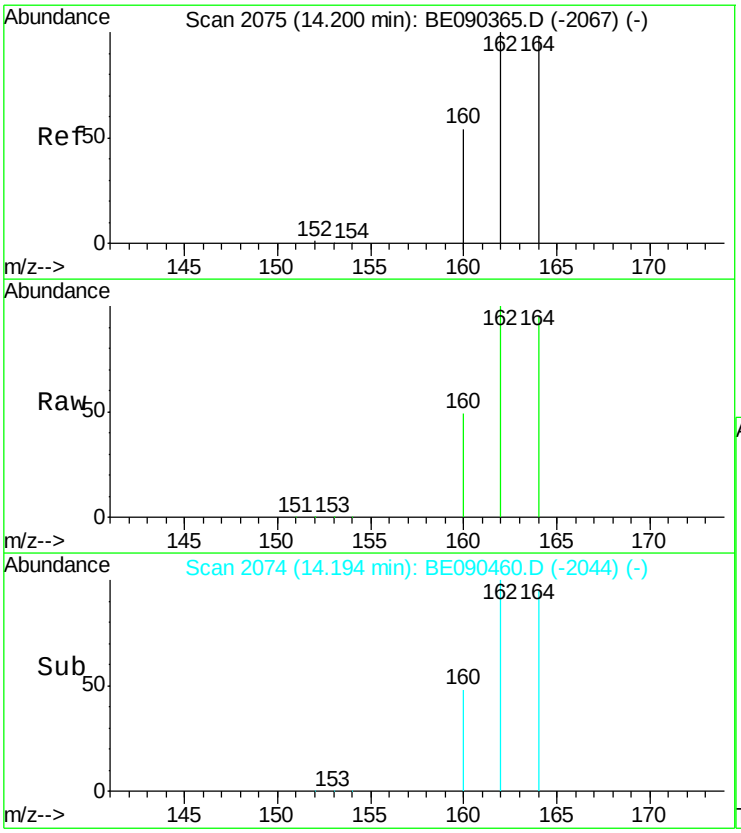
#11
2-Methylnaphthalene
Concen: 1.08 ng
RT: 12.01 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:142 Resp: 14706

Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.6	109.0
115	38.1	31.6	47.4

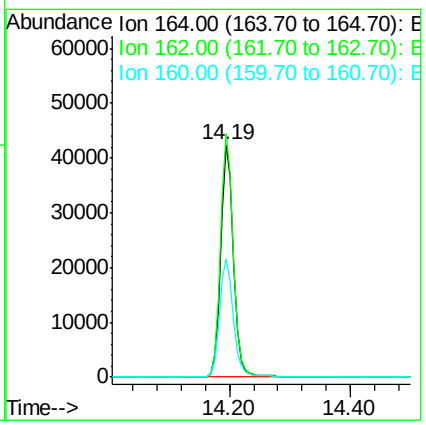


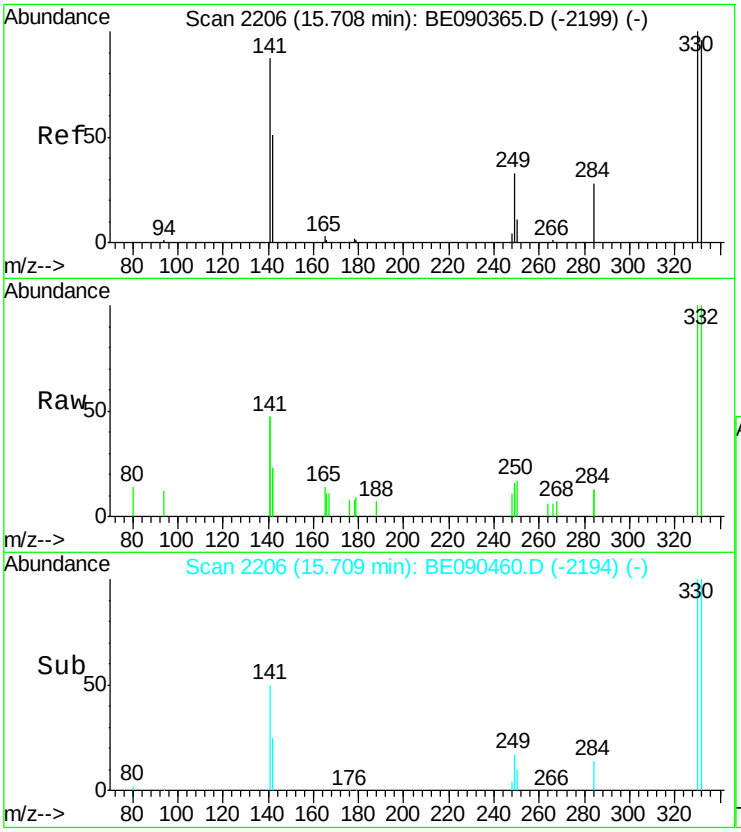


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Tgt Ion:164 Resp: 62976

Ion	Ratio	Lower	Upper
164	100		
162	104.8	81.8	122.8
160	50.9	44.2	66.4



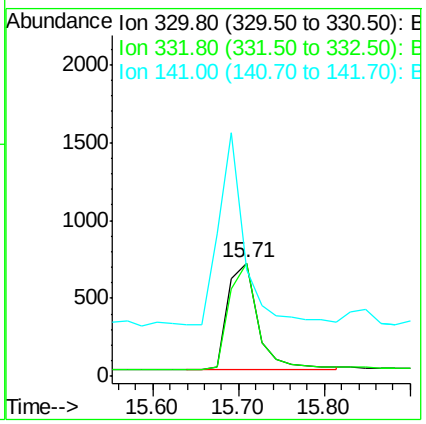


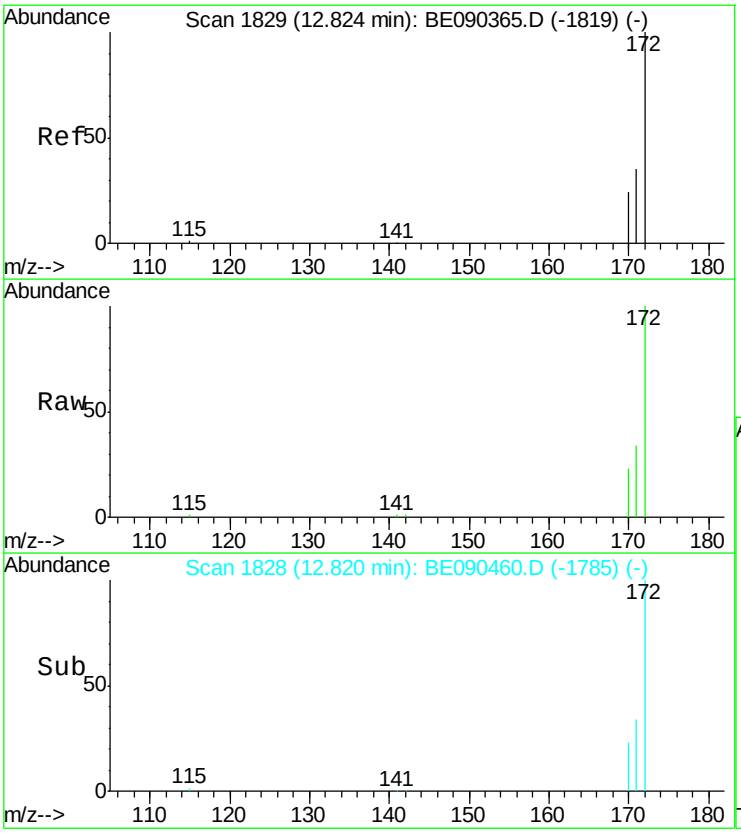
#13
2,4,6-Tribromophenol
Concen: 1.49 ng
RT: 15.71 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:330 Resp: 1674

Ion	Ratio	Lower	Upper
330	100		
332	97.6	75.8	113.6
141	153.4	114.4	171.6

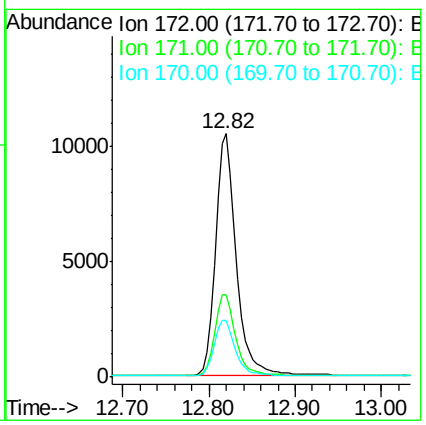


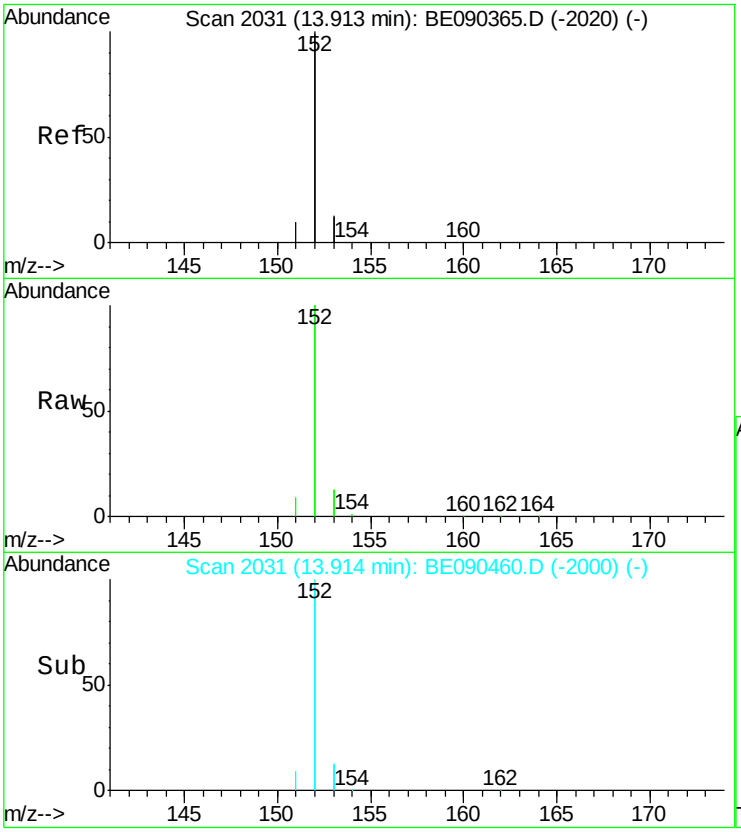


#14
2-Fluorobiphenyl
Concen: 1.03 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Tgt Ion:172 Resp: 17920

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.5	42.7
170	23.1	19.8	29.8



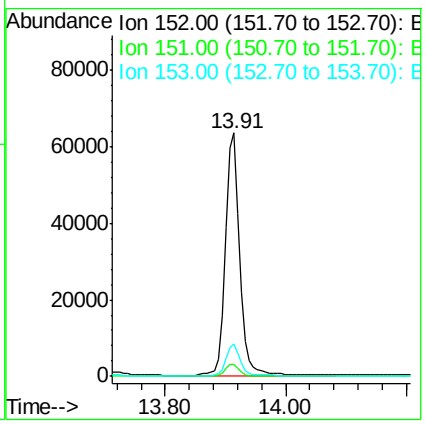


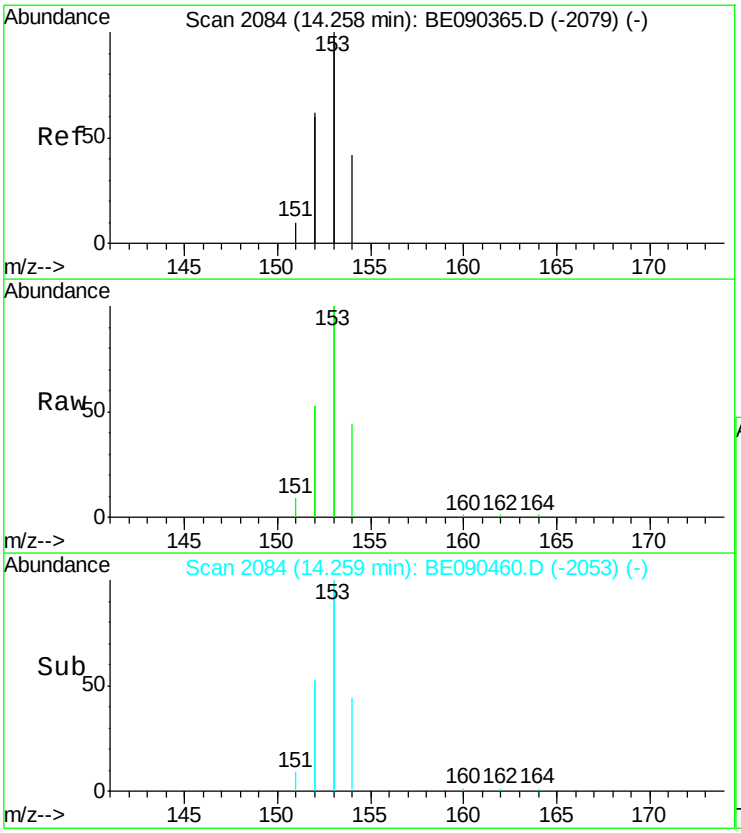
#15
Acenaphthylene
Concen: 1.04 ng
RT: 13.91 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 105876

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.8	5.8
153	12.9	10.3	15.5

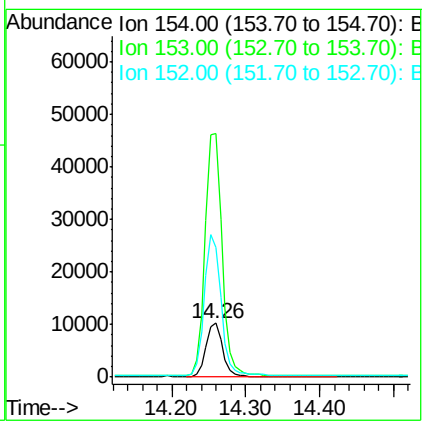


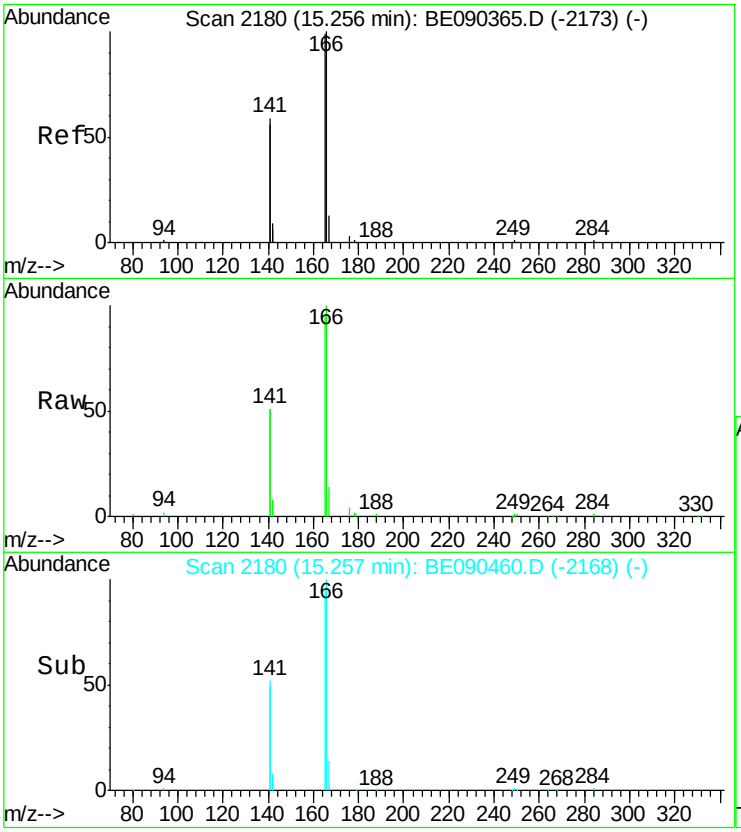


#16
Acenaphthene
Concen: 1.01 ng
RT: 14.26 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Tgt Ion:154 Resp: 15940

Ion	Ratio	Lower	Upper
154	100		
153	464.4	376.2	564.2
152	266.0	235.0	352.4



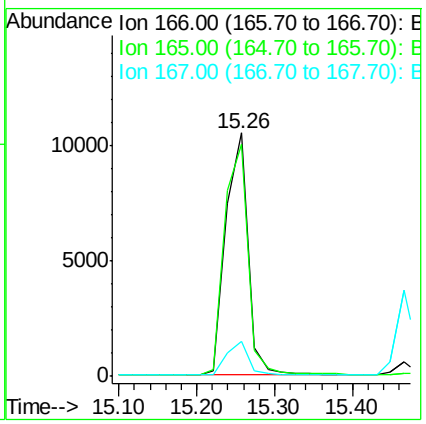


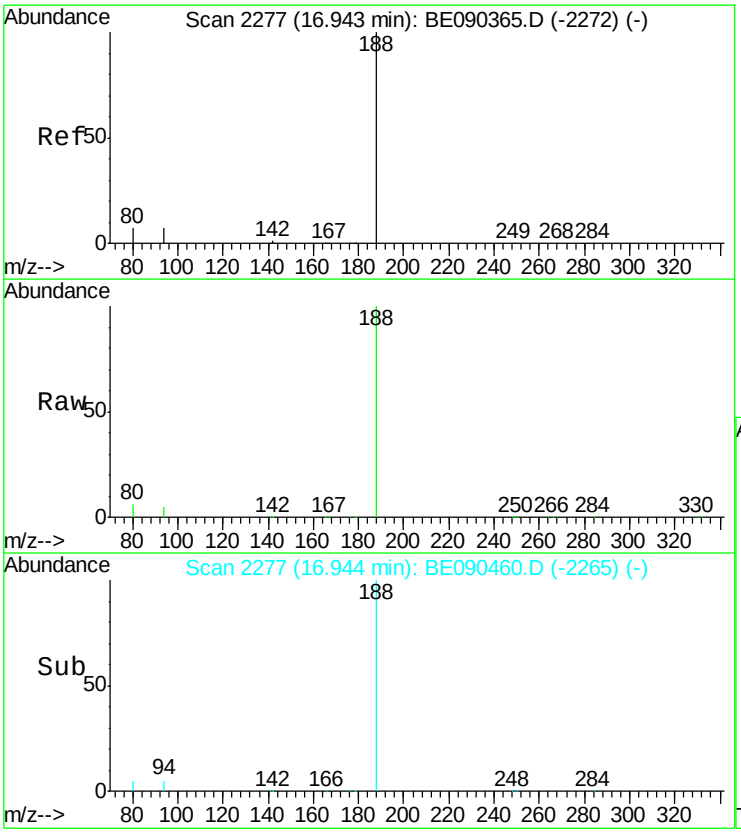
#17
Fluorene
Concen: 1.01 ng
RT: 15.26 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:166 Resp: 20758

Ion	Ratio	Lower	Upper
166	100		
165	100.6	81.5	122.3
167	14.0	11.4	17.0

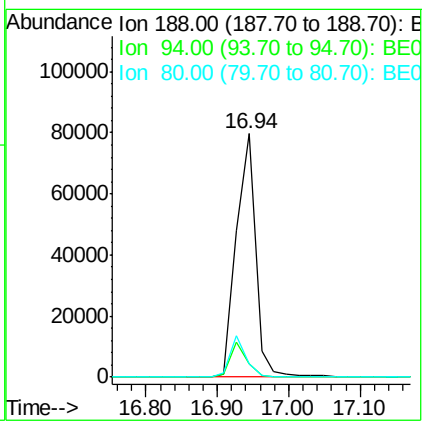


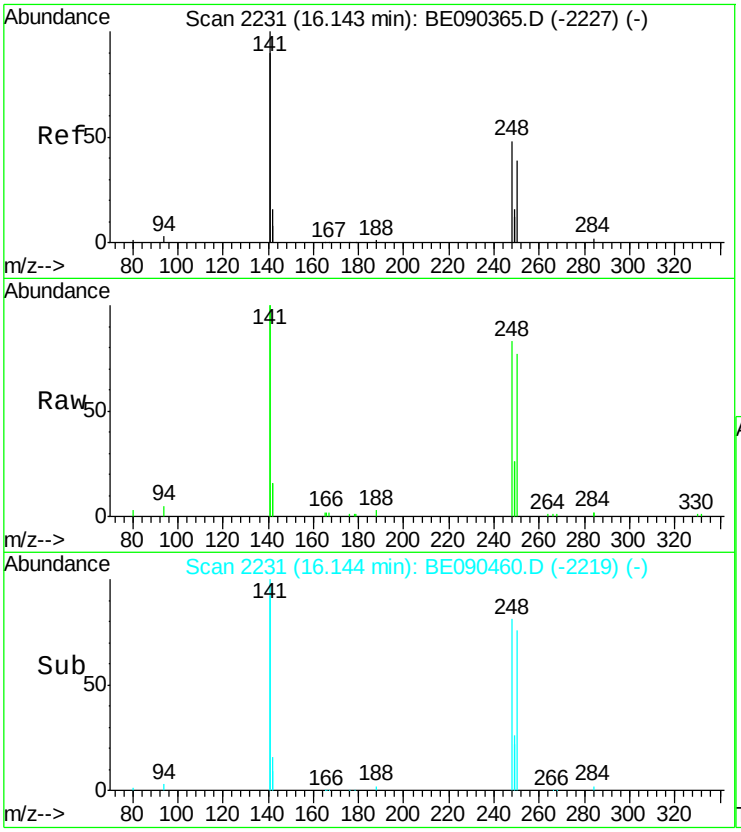


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Tgt Ion:188 Resp: 147134

Ion	Ratio	Lower	Upper
188	100		
94	5.3	5.7	8.5#
80	5.6	5.8	8.8#



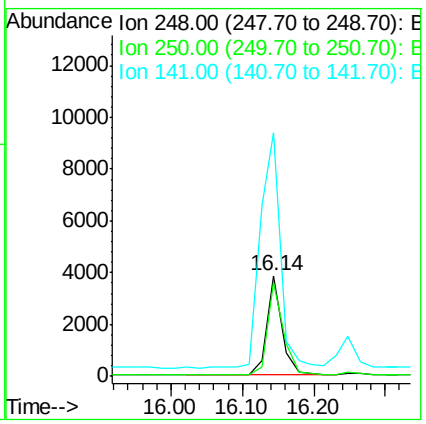


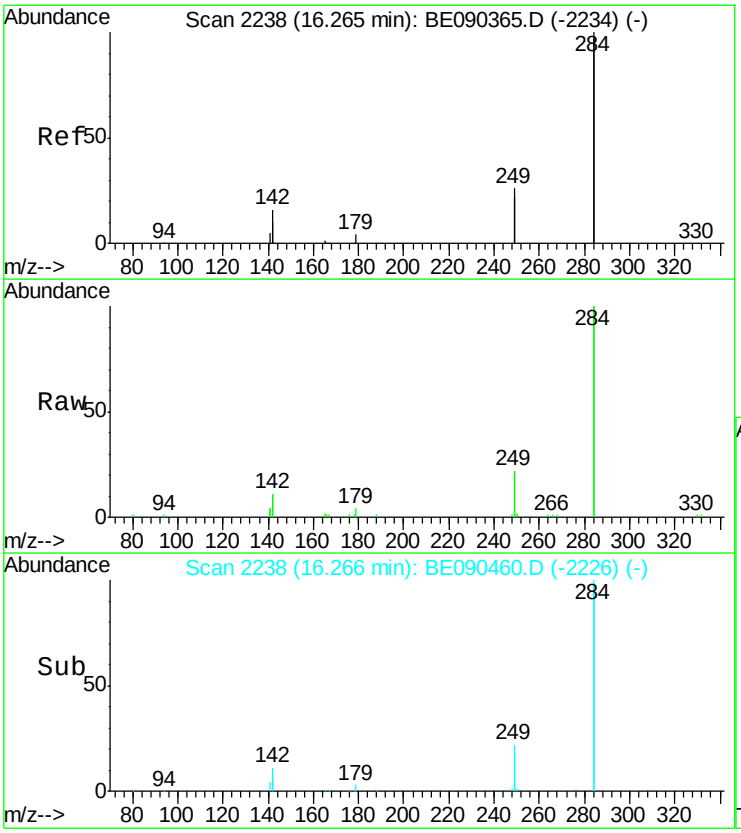
#19
4-Bromophenyl-phenylether
Concen: 1.00 ng
RT: 16.14 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:248 Resp: 5741

Ion	Ratio	Lower	Upper
248	100		
250	97.0	79.0	118.6
141	311.6	239.5	359.3

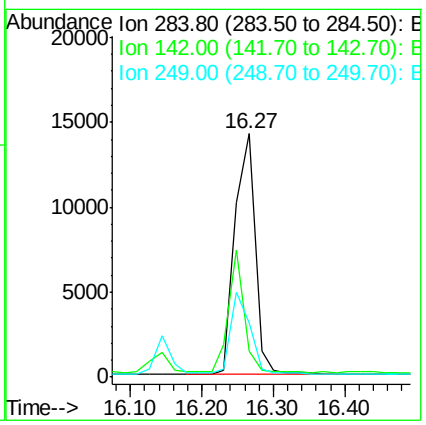


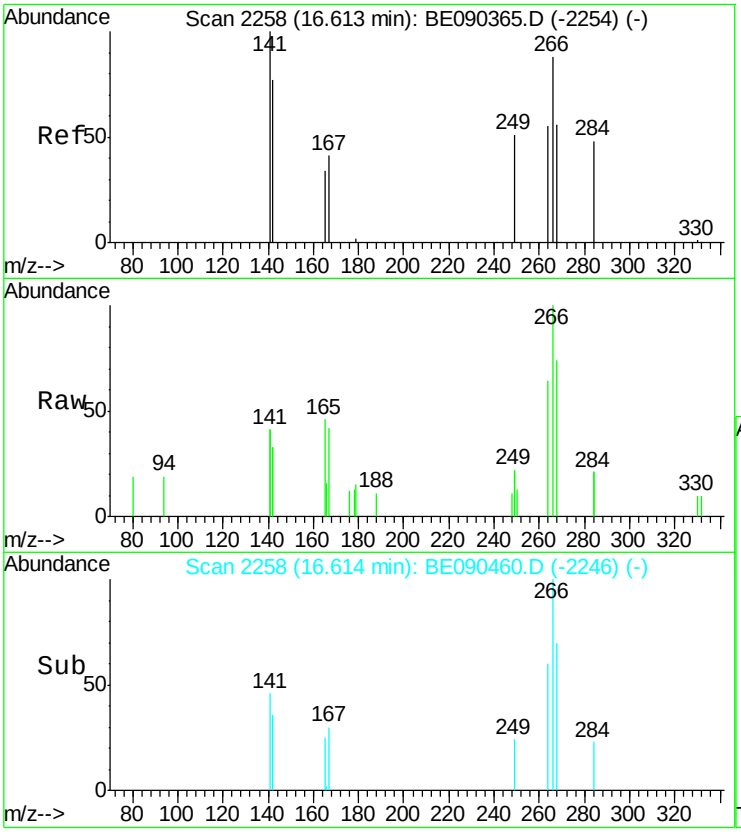


#20
Hexachlorobenzene
Concen: 0.93 ng
RT: 16.27 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Tgt Ion:284 Resp: 27390

Ion	Ratio	Lower	Upper
284	100		
142	39.0	30.1	45.1
249	31.8	25.7	38.5



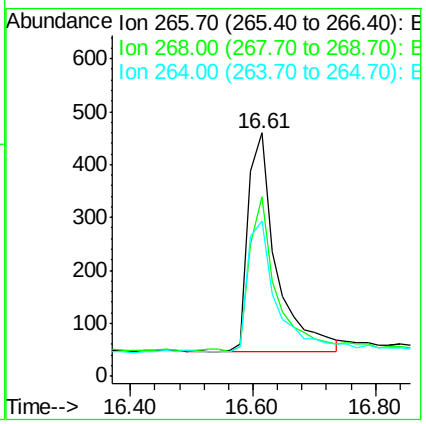


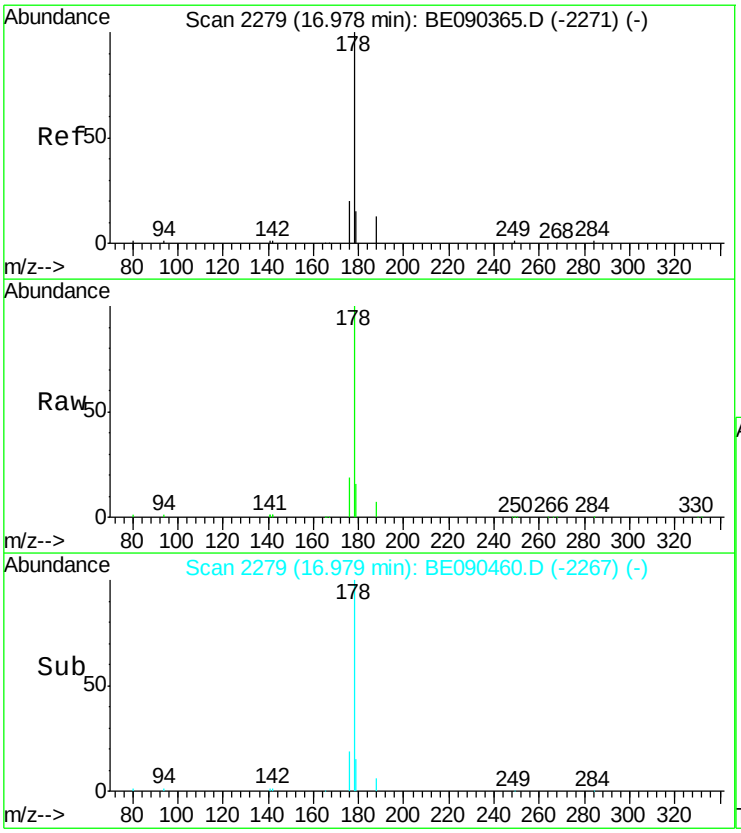
#21
Pentachlorophenol
Concen: 1.29 ng
RT: 16.61 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:266 Resp: 1322

Ion	Ratio	Lower	Upper
266	100		
268	73.7	58.5	87.7
264	63.9	56.0	84.0

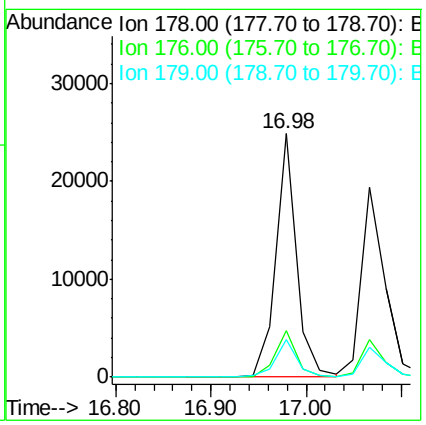


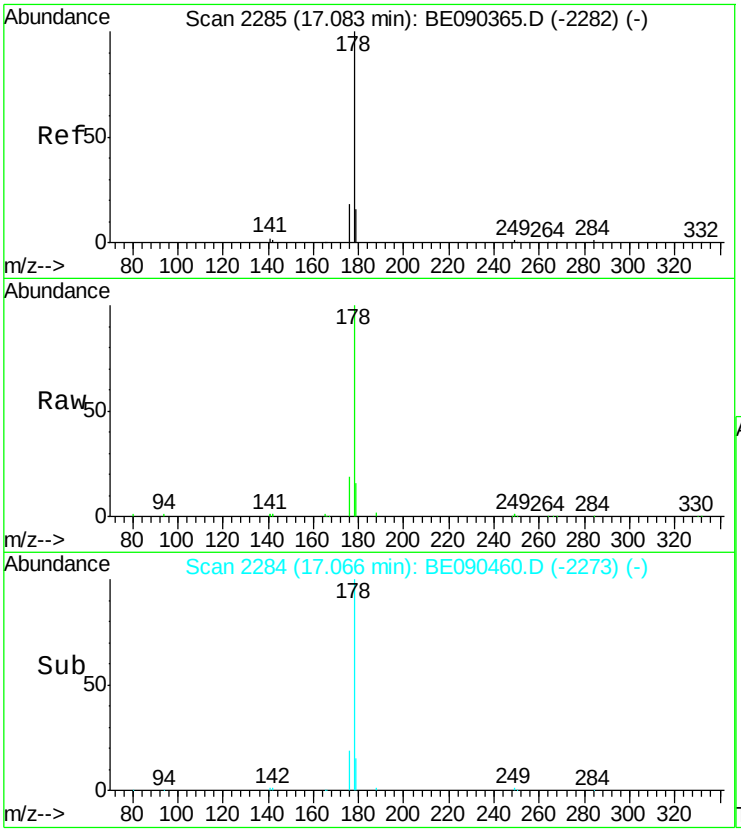


#22
Phenanthrene
Concen: 1.01 ng
RT: 16.98 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Tgt Ion:178 Resp: 37050

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.6	12.5	18.7



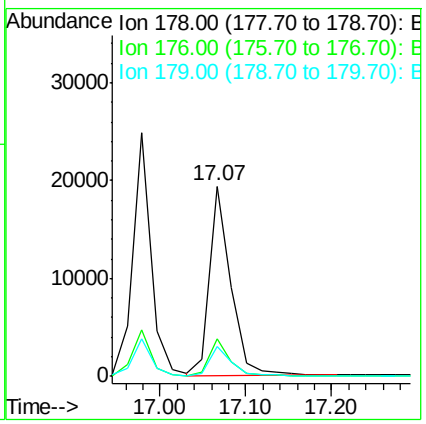


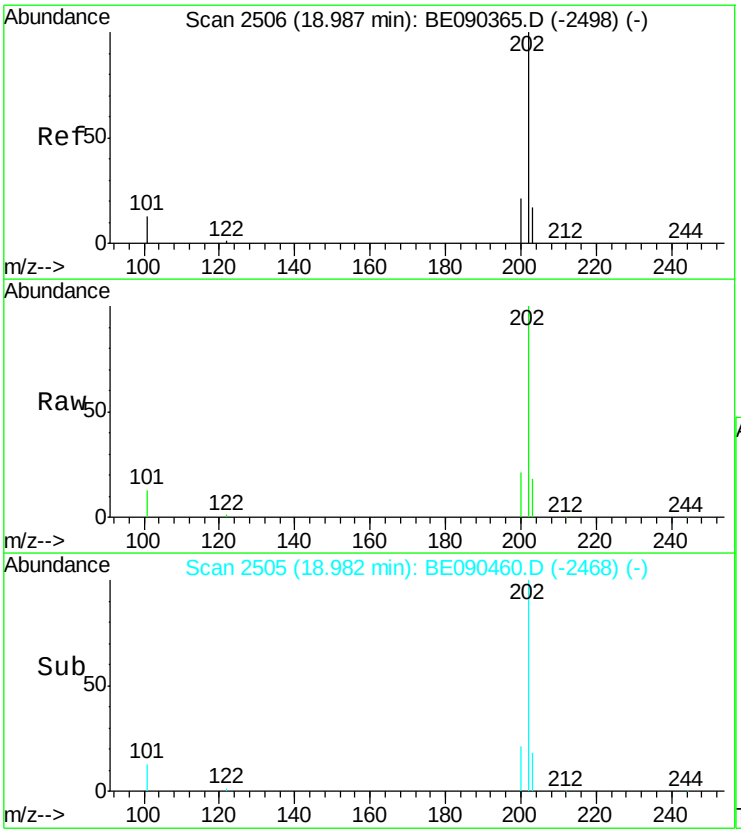
#23
Anthracene
Concen: 1.10 ng
RT: 17.07 min Scan# 2284
Delta R.T. -0.02 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:178 Resp: 33368

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

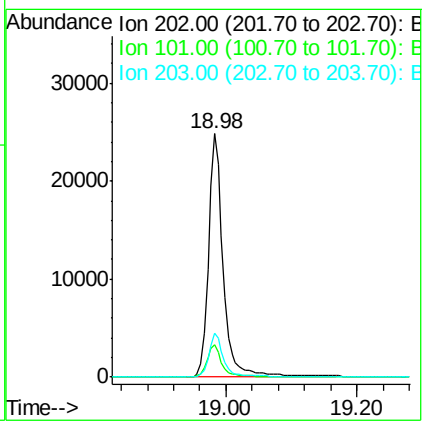


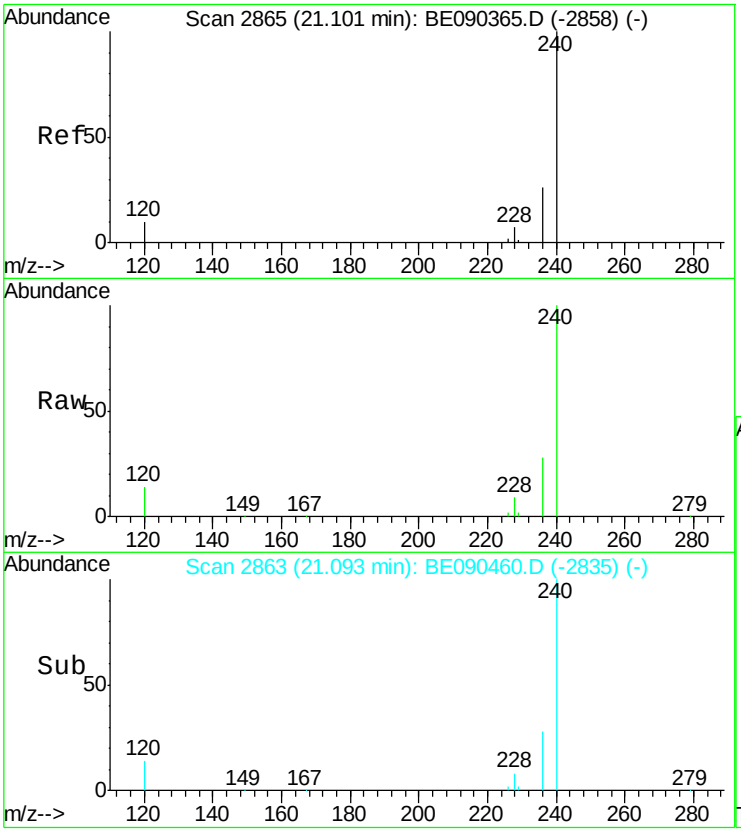


#24
Fluoranthene
Concen: 1.06 ng
RT: 18.98 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Tgt Ion:202 Resp: 38291

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.3	15.5
203	17.3	13.7	20.5



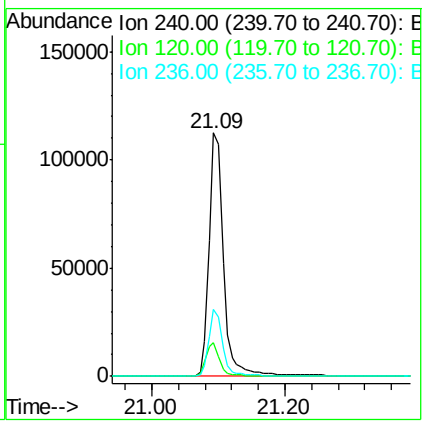


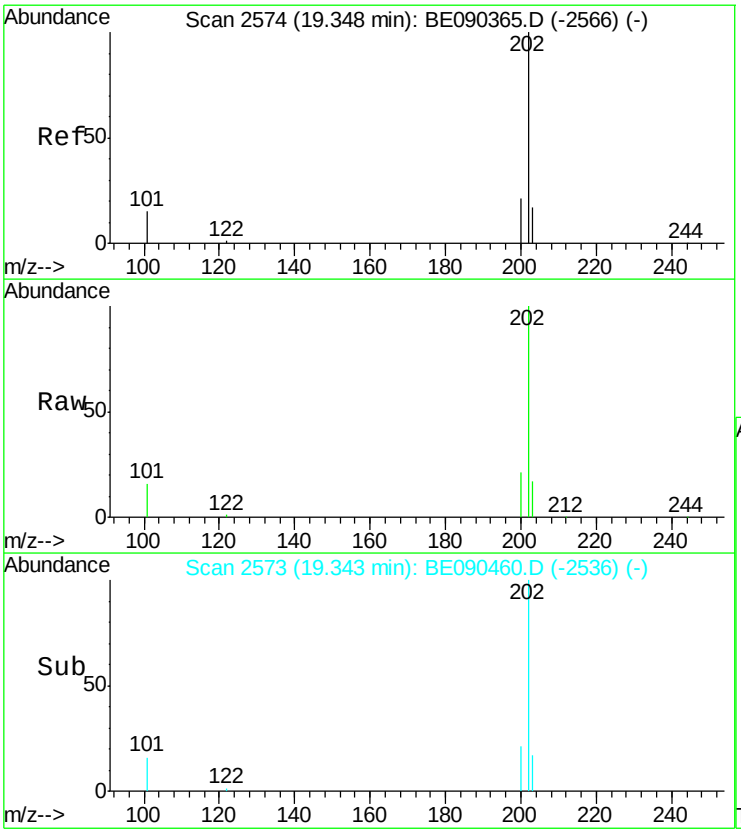
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:240 Resp: 167440

Ion	Ratio	Lower	Upper
240	100		
120	13.8	8.3	12.5#
236	27.7	21.0	31.4

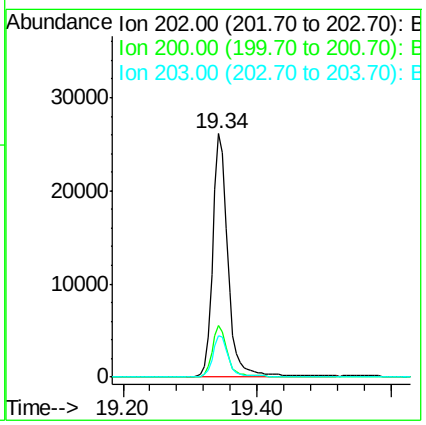


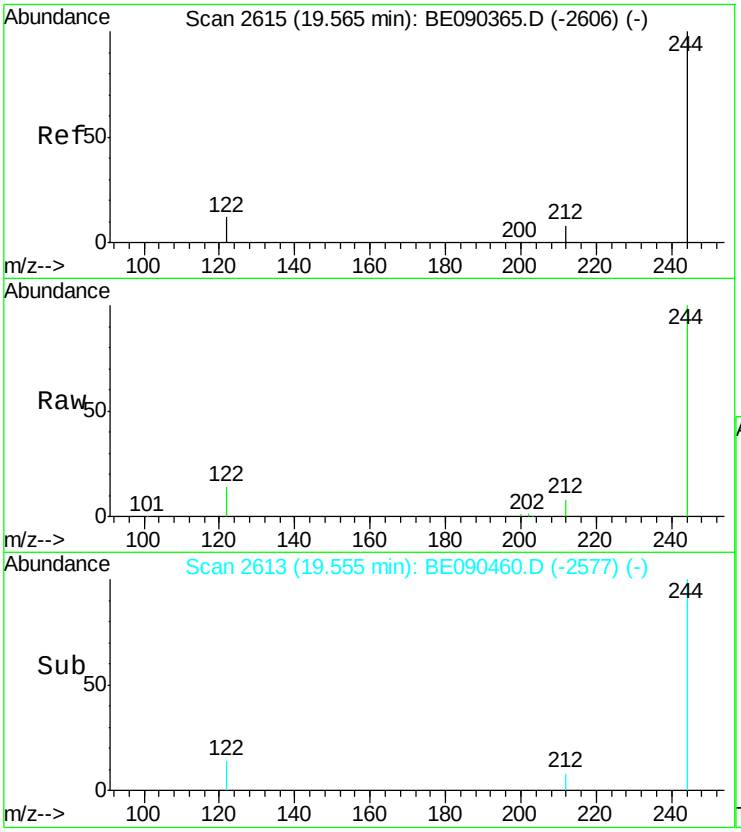


#26
Pyrene
Concen: 1.10 ng
RT: 19.34 min Scan# 2573
Delta R.T. -0.00 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Tgt Ion:202 Resp: 40078

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.3	13.8	20.8



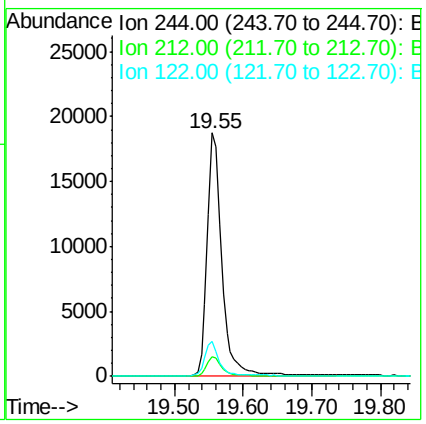


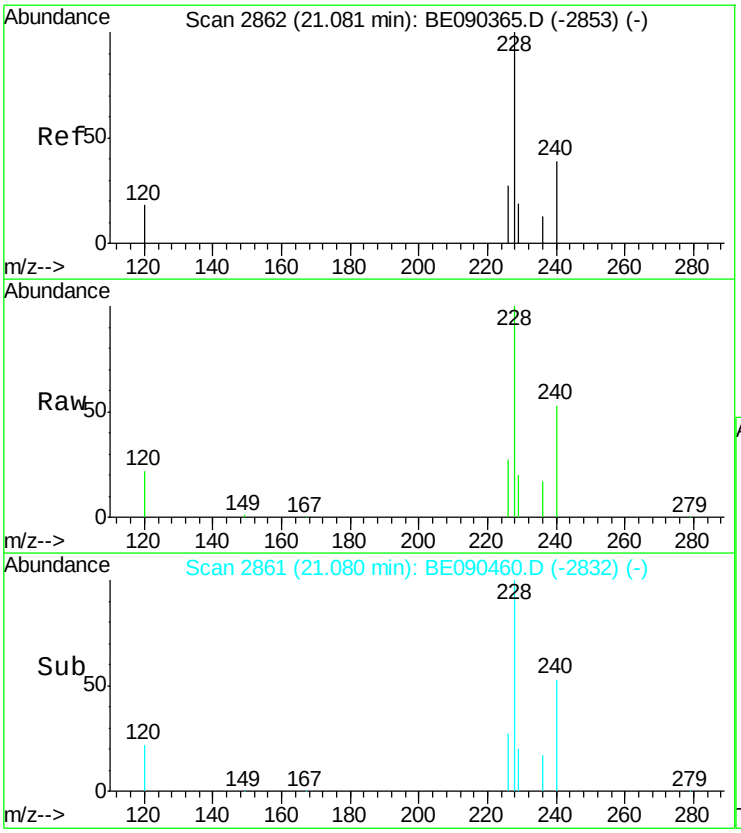
#27
Terphenyl-d14
Concen: 1.11 ng
RT: 19.55 min Scan# 2613
Delta R.T. -0.01 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:244 Resp: 27356

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	9.8
122	14.2	10.2	15.4

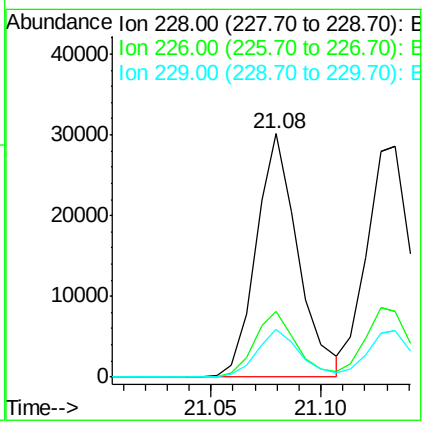


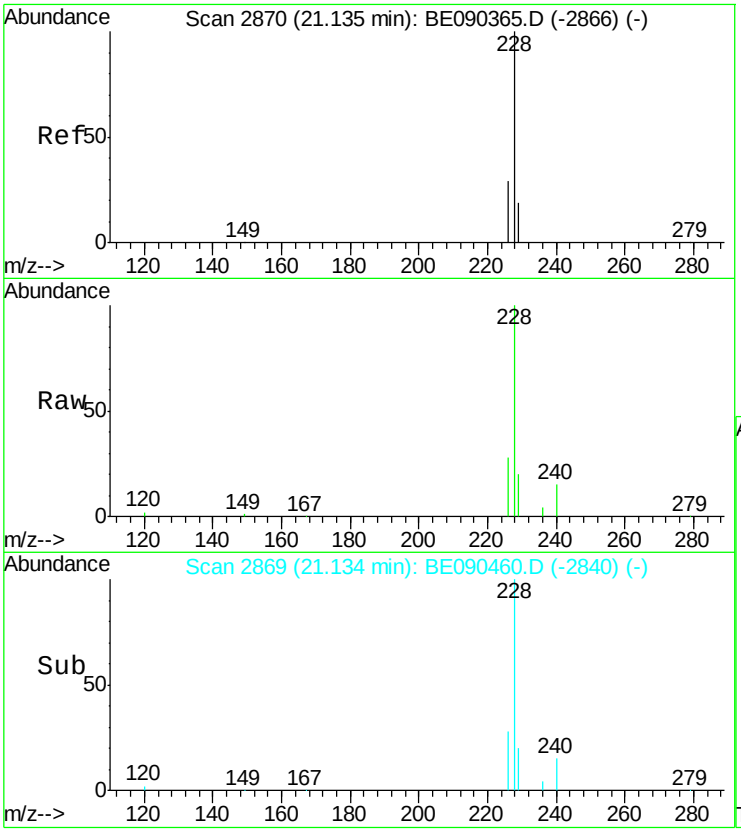


#28
Benzo(a)anthracene
Concen: 1.07 ng
RT: 21.08 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Tgt Ion:228 Resp: 39796

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.9	32.9
229	19.7	15.4	23.0



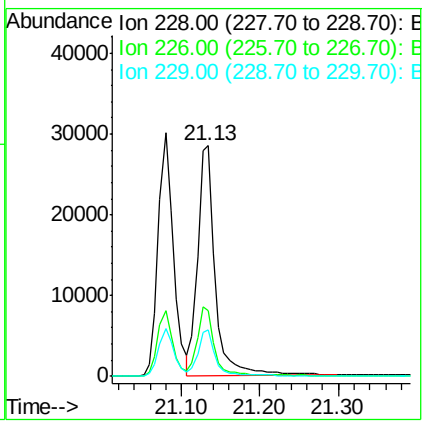


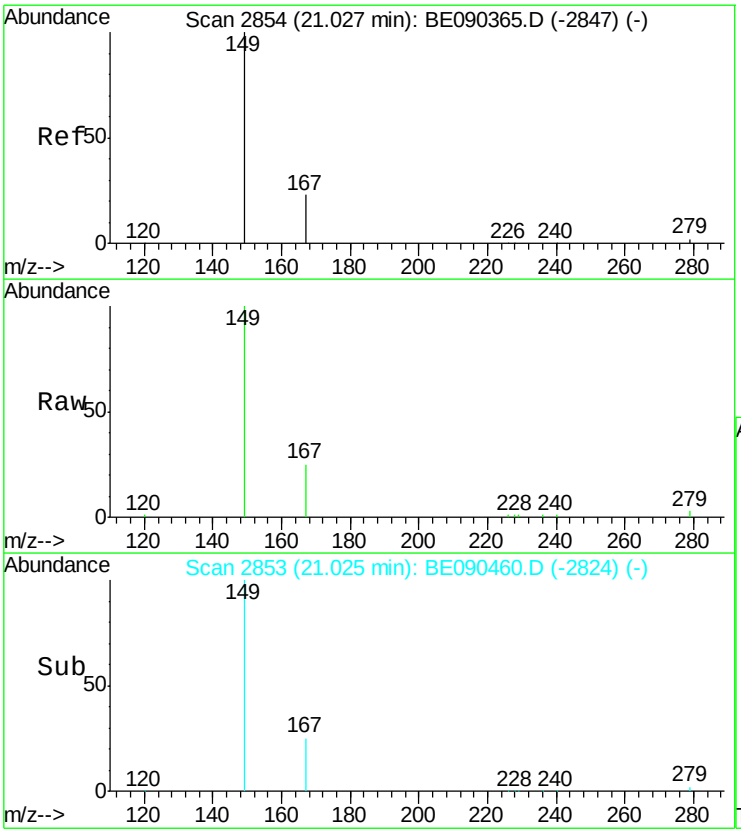
#29
Chrysene
Concen: 0.98 ng
RT: 21.13 min Scan# 2869
Delta R.T. -0.00 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:228 Resp: 44078

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.1	34.7
229	20.3	15.8	23.8

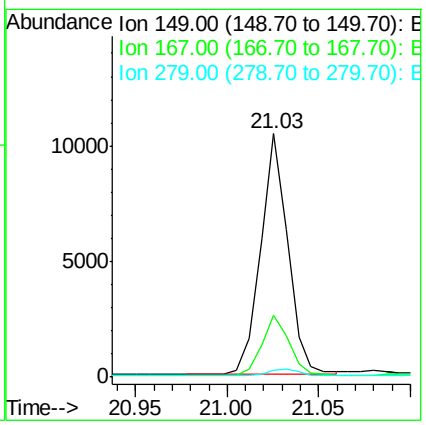


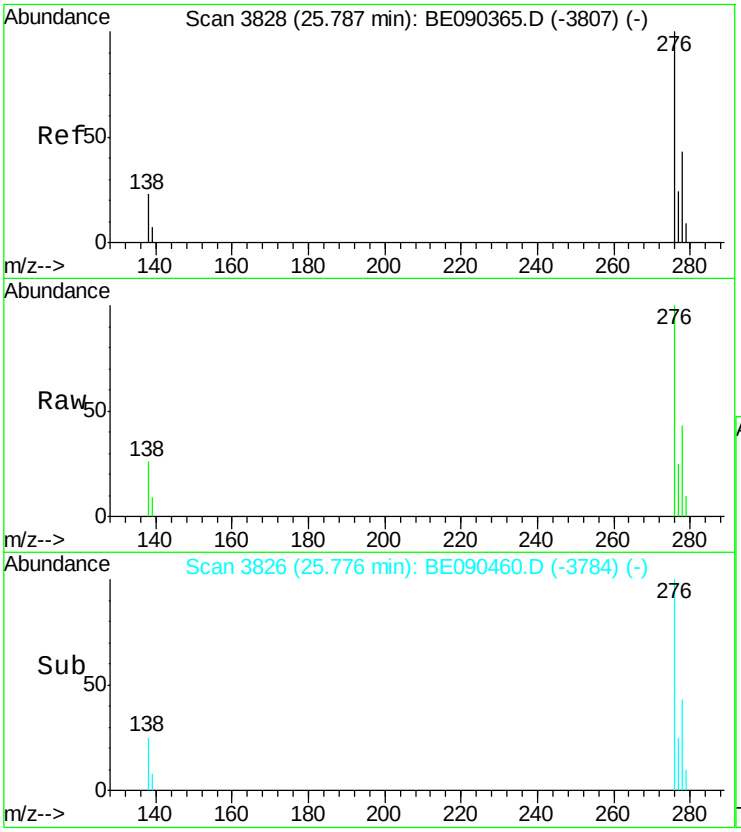


#30
Bis(2-ethylhexyl)phthalate
Concen: 1.21 ng
RT: 21.03 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Tgt Ion:149 Resp: 10789

Ion	Ratio	Lower	Upper
149	100		
167	25.2	19.8	29.8
279	3.2	2.4	3.6



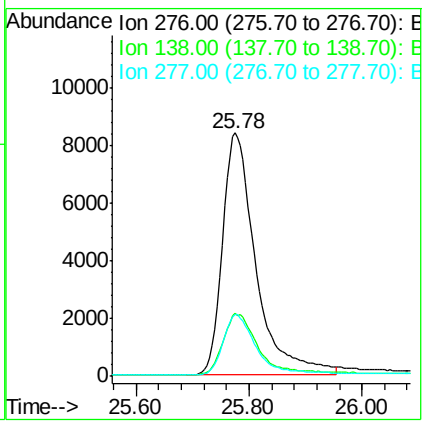


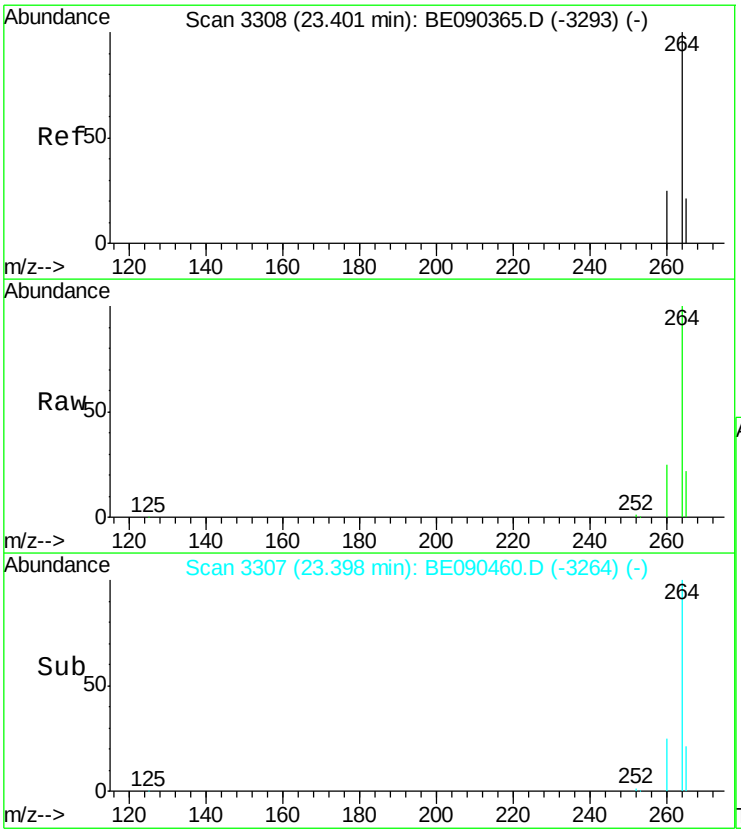
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.05 ng
RT: 25.78 min Scan# 3826
Delta R.T. -0.01 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 34013

Ion	Ratio	Lower	Upper
276	100		
138	26.2	18.8	28.2
277	24.4	18.2	27.4

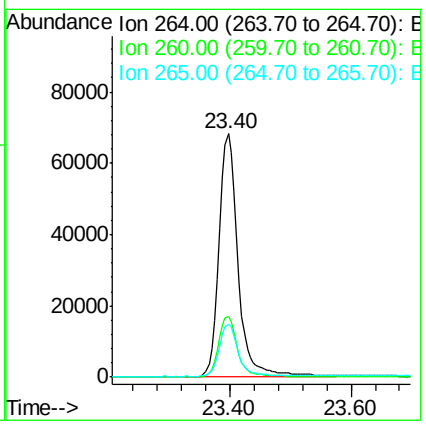


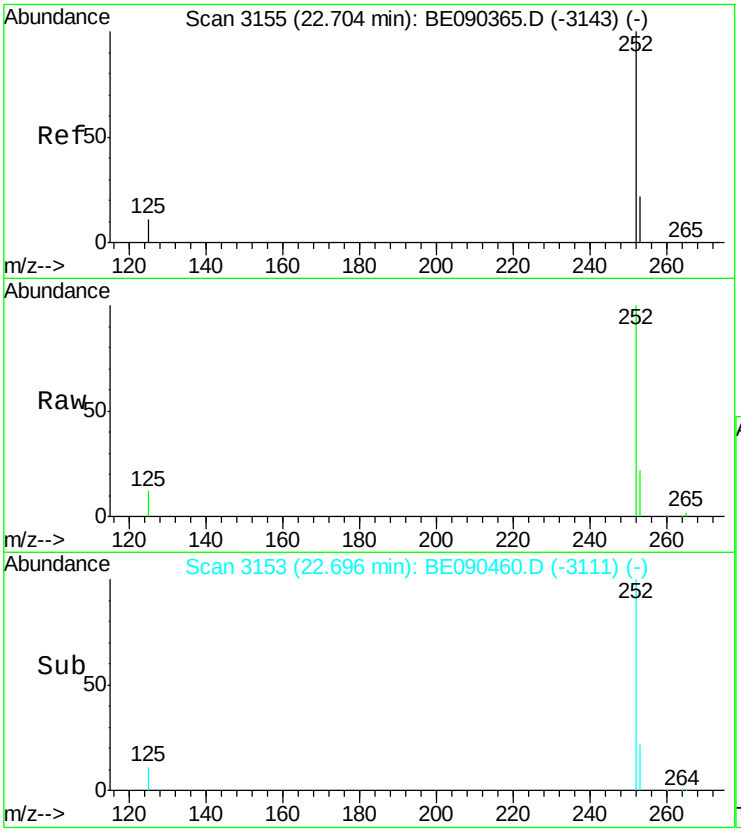


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3307
Delta R.T. -0.00 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Tgt Ion:264 Resp: 149781

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	21.6	17.2	25.8



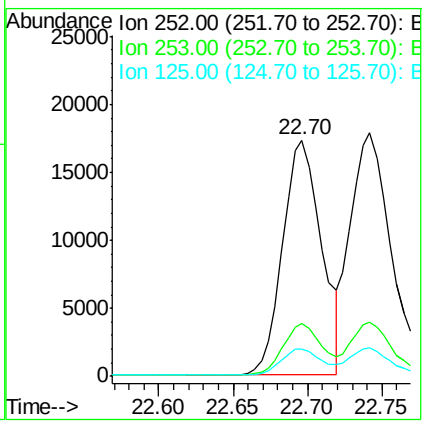


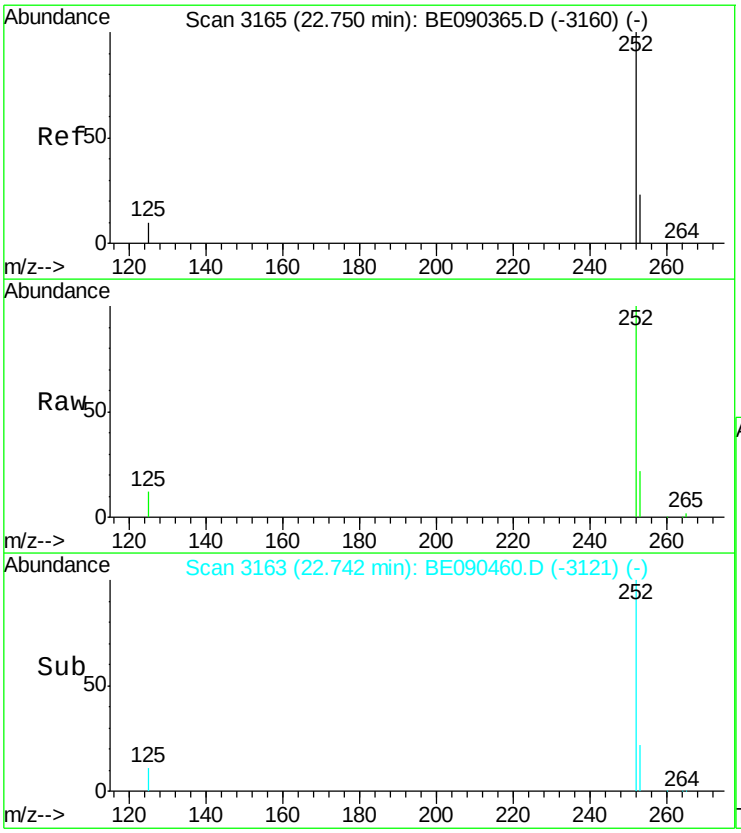
#33
Benzo(b)fluoranthene
Concen: 1.08 ng
RT: 22.70 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 31356

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	11.5	9.4	14.2

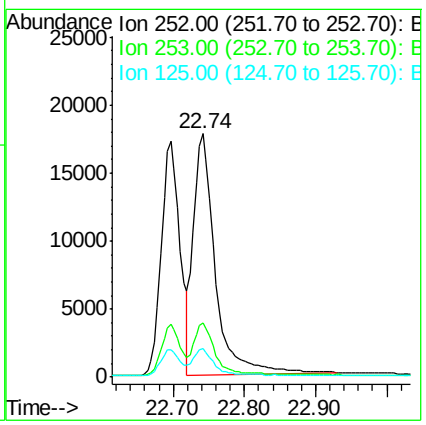


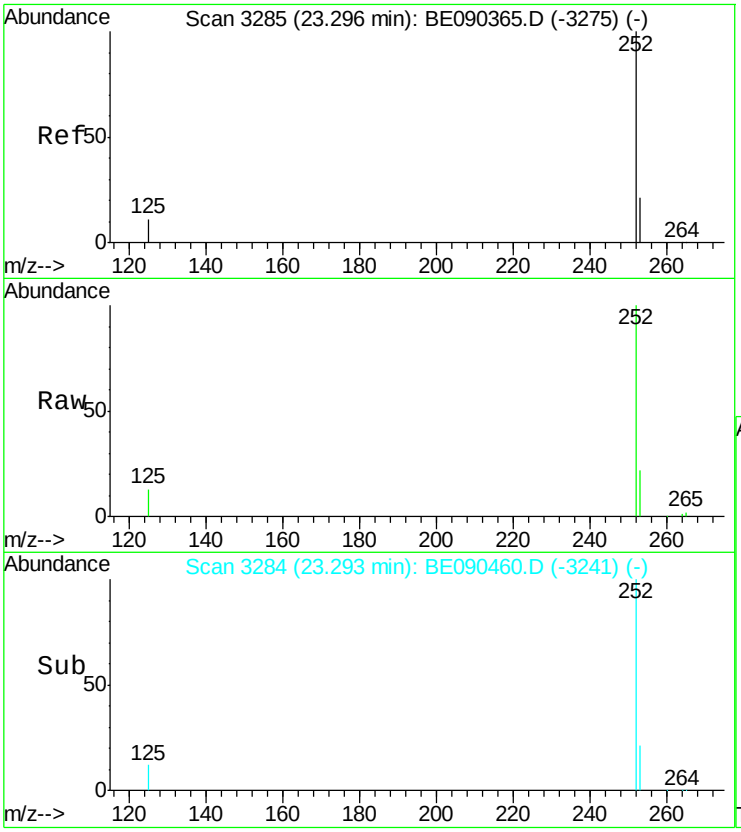


#34
Benzo(k)fluoranthene
Concen: 0.90 ng
RT: 22.74 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Tgt Ion:252 Resp: 37388

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	11.7	9.1	13.7



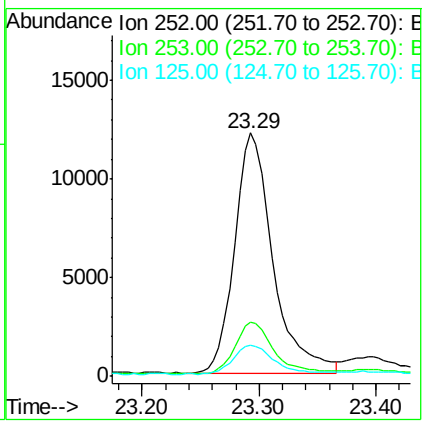


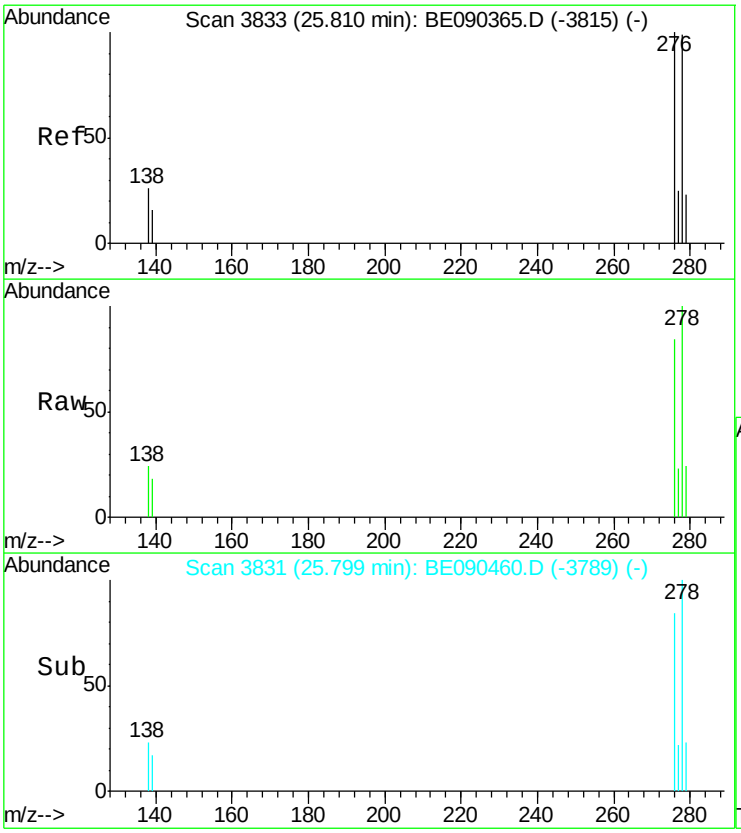
#35
Benzo(a)pyrene
Concen: 1.05 ng
RT: 23.29 min Scan# 3284
Delta R.T. -0.00 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 27702

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	12.9	9.8	14.6

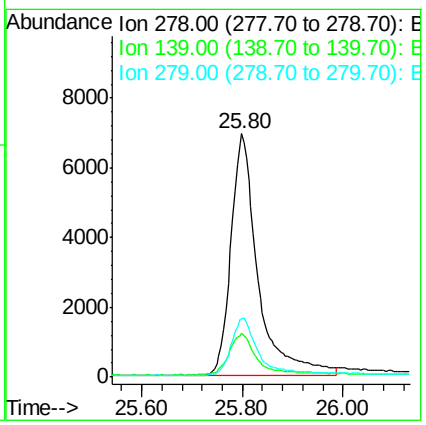


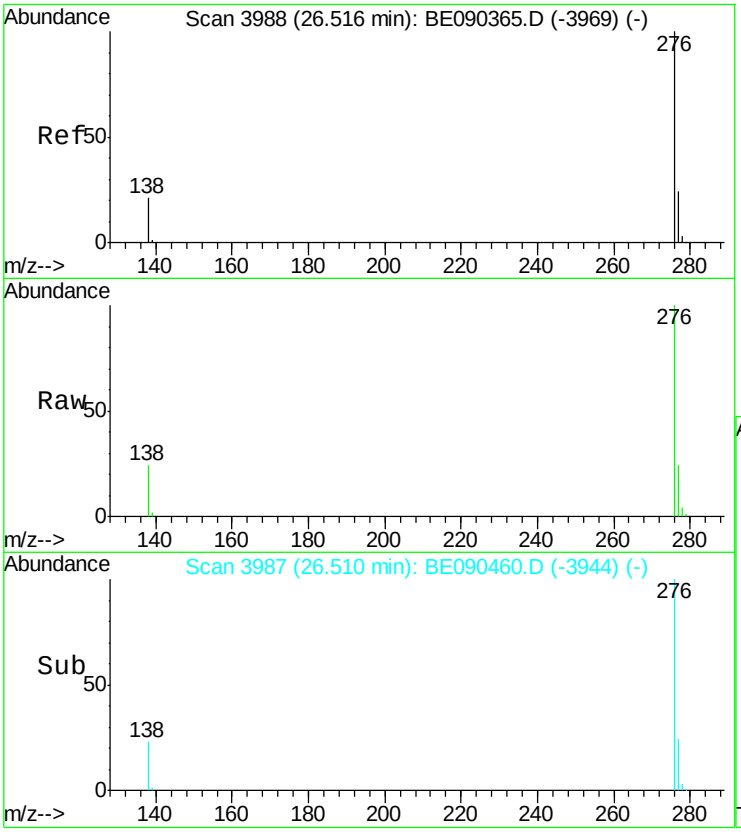


#36
Dibenzo(a,h)anthracene
Concen: 1.07 ng
RT: 25.80 min Scan# 3831
Delta R.T. -0.01 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Tgt Ion:278 Resp: 25979

Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.2	21.4
279	23.9	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 1.05 ng
RT: 26.51 min Scan# 3987
Delta R.T. -0.01 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 29072

Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.1	30.1
138	23.6	18.1	27.1