Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081115\
Data File : BE090447.D
Acq On : 12 Aug 2015 2:48
Operator : UM/IZ
Sample : PB84962BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB84962BS

Quant Time: Aug 12 04:16:40 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	17938	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	84073	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	48787	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	111437	5.00	ng	0.00
25) Chrysene-d12	21.09	240	136902	5.00	ng	0.00
32) Perylene-d12	23.40	264	116006	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	30520	11.34	ng	0.00
5) Phenol-d6	6.76	99	49840	8.52	ng	-0.01
7) Nitrobenzene-d5	8.72	82	25007	3.71	ng	-0.01
13) 2,4,6-Tribromophenol	15.69	330	13677	8.76	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	57167	4.26	ng	0.00
27) Terphenyl-d14	19.55	244	91669	4.54	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	8926	4.20	ng	98
3) n-Nitrosodimethylamine	3.49	42	11435	4.12	ng	90
8) Nitrobenzene	8.76	77	26791	3.72	ng	98
9) Naphthalene	10.38	128	72001	3.88	ng	98
10) Hexachlorobutadiene	10.68	225	12105	4.30	ng	100
11) 2-Methylnaphthalene	12.01	142	47554	4.42	ng	98
15) Acenaphthylene	13.91	152	334725	4.24	ng	100
16) Acenaphthene	14.26	154	49641	4.04	ng	89
17) Fluorene	15.26	166	66603	4.17	ng	97
19) 4-Bromophenyl-phenylether	16.14	248	19045	4.39	ng	99
20) Hexachlorobenzene	16.27	284	83797	3.74	ng	98
21) Pentachlorophenol	16.60	266	13217	7.65	ng	90
22) Phenanthrene	16.98	178	116734	4.19	ng	100
23) Anthracene	17.07	178	112537	4.91	ng	99
24) Fluoranthene	18.98	202	129932	4.73	ng	99
26) Pyrene	19.34	202	141534	4.77	ng	99
28) Benzo(a)anthracene	21.08	228	138281	4.56	ng	99
29) Chrysene	21.13	228	145986	3.98	ng	98
30) Bis(2-ethylhexyl)phthalate	21.03	149	45887	4.39	ng	98
31) Indeno(1,2,3-cd)pyrene	25.78	276	118278	3.65	ng	95
33) Benzo(b)fluoranthene	22.70	252	114419	4.39	ng	98
34) Benzo(k)fluoranthene	22.74	252	131104	4.06	ng	99
35) Benzo(a)pyrene	23.29	252	103302	4.20	ng	99
36) Dibenzo(a,h)anthracene	25.80	278	94320	3.95	ng	98
37) Benzo(g,h,i)perylene	26.51	276	104670	4.89	ng	98

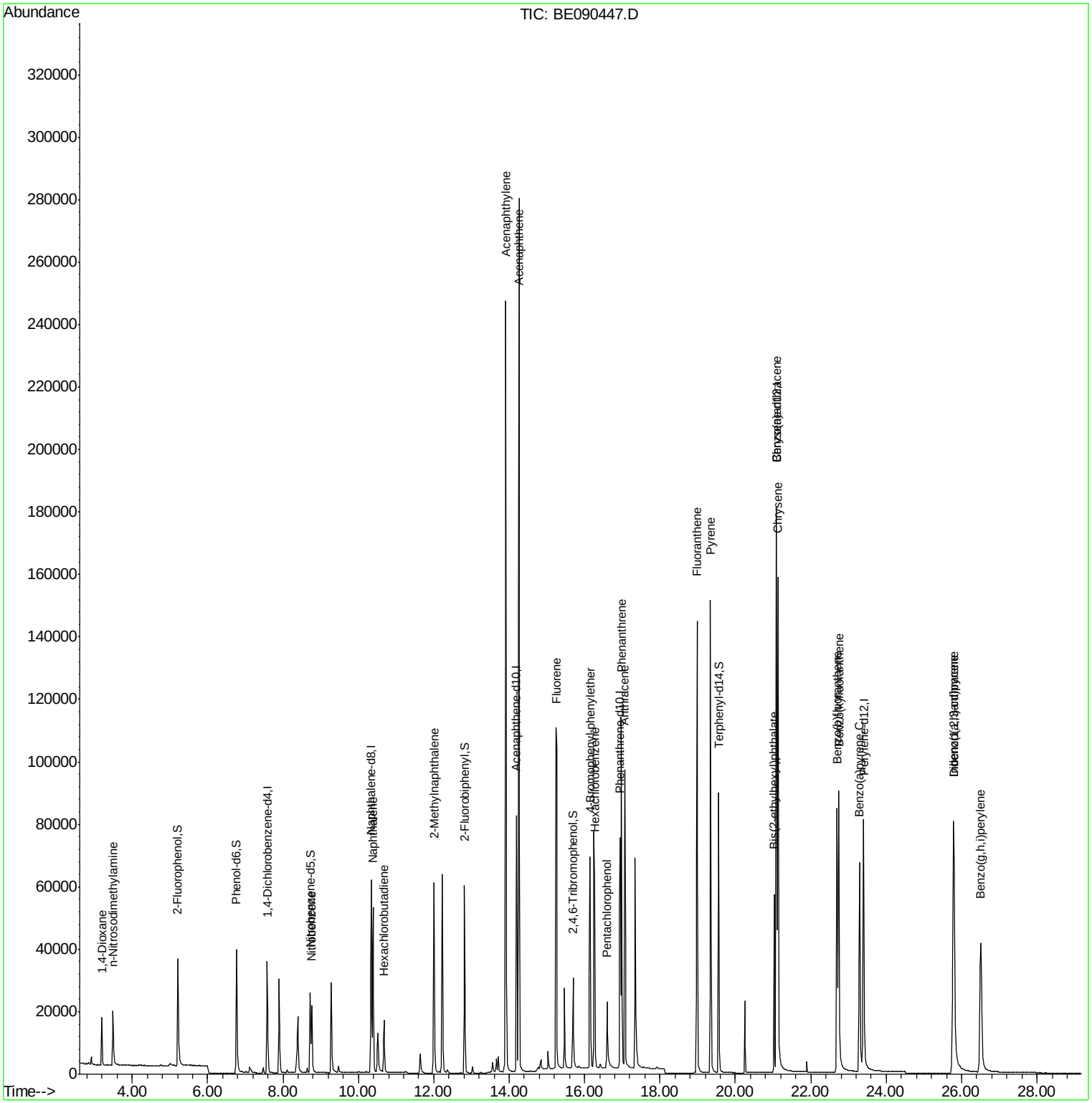
(#) = qualifier out of range (m) = manual integration (+) = signals summed

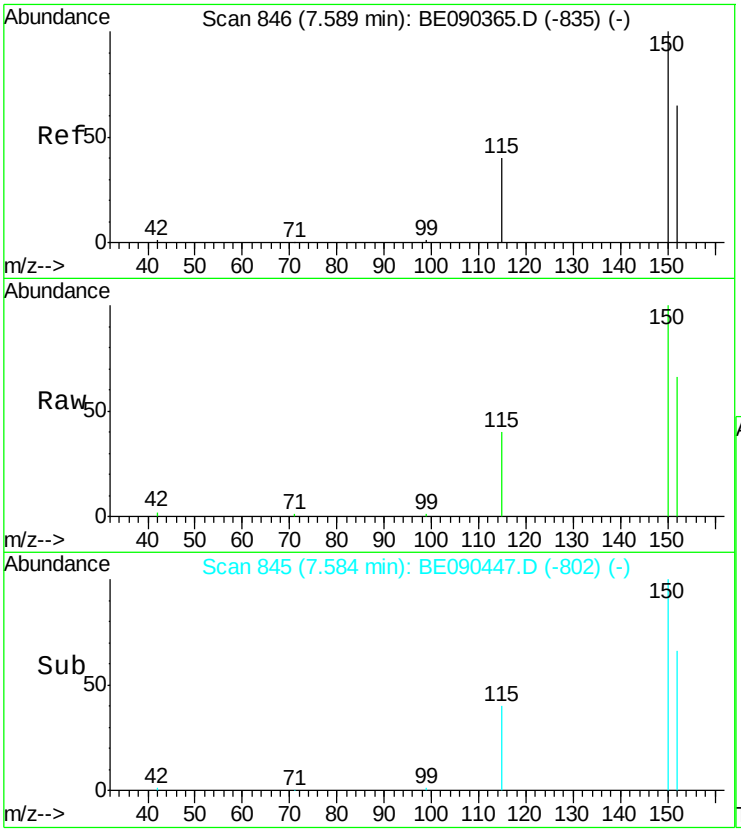
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081115\
Data File : BE090447.D
Acq On : 12 Aug 2015 2:48
Operator : UM/IZ
Sample : PB84962BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB84962BS

Quant Time: Aug 12 04:16:40 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



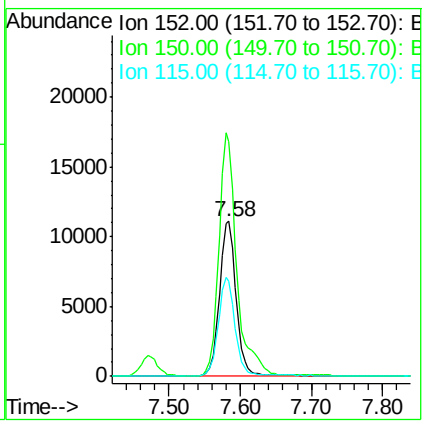


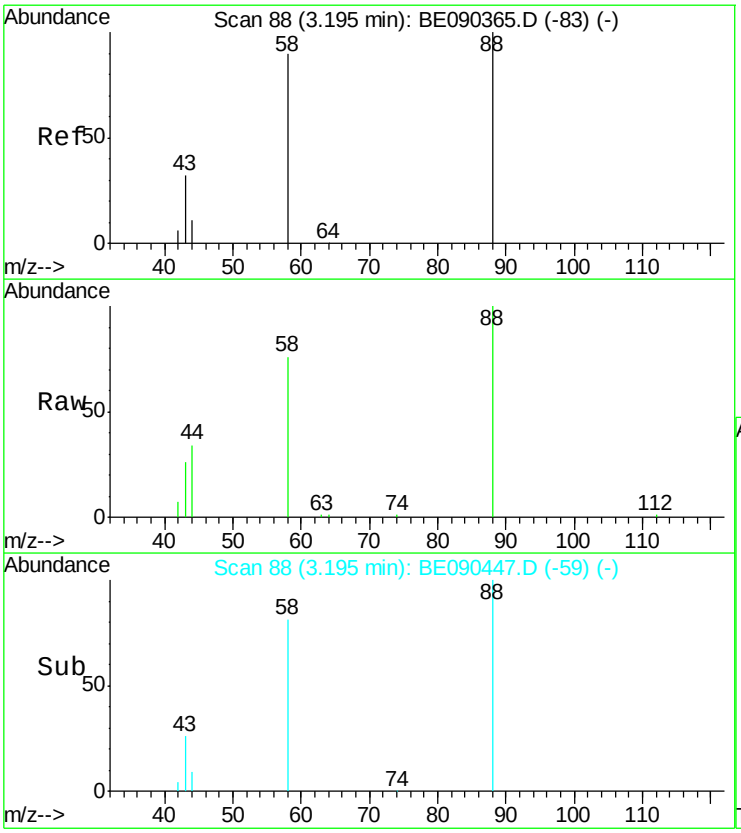
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.00 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Instrument :
BNA_E
ClientSampleId :
PB84962BS

Tgt Ion:152 Resp: 17938

Ion	Ratio	Lower	Upper
152	100		
150	151.4	123.0	184.4
115	61.2	48.9	73.3

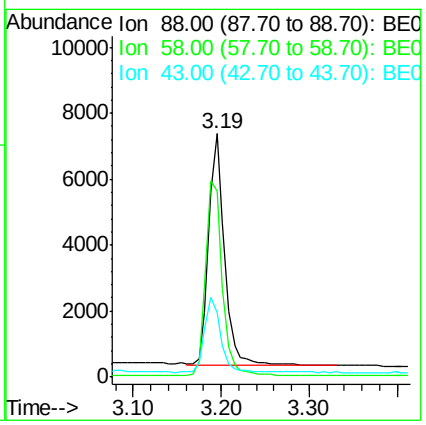


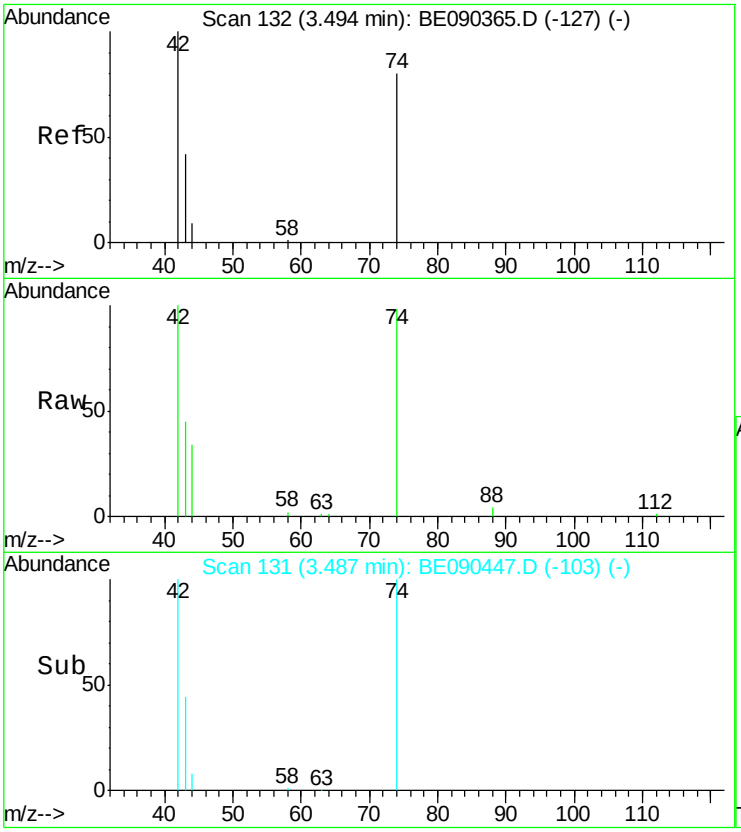


#2
1,4-Dioxane
Concen: 4.20 ng
RT: 3.19 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Tgt Ion: 88 Resp: 8926

Ion	Ratio	Lower	Upper
88	100		
58	86.5	70.0	105.0
43	32.2	28.4	42.6



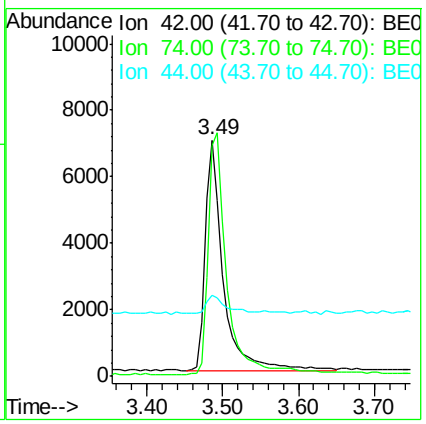


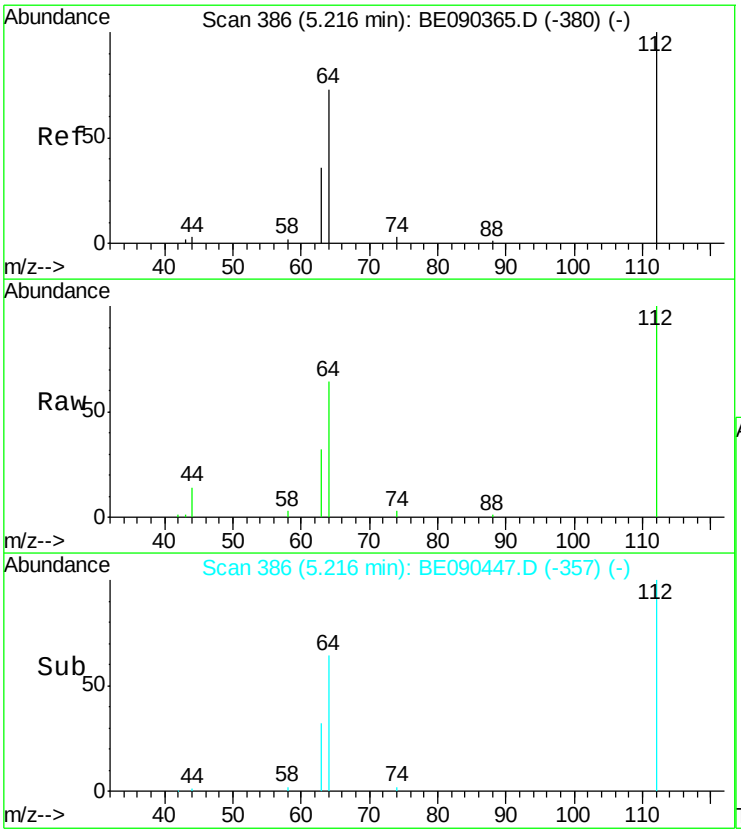
#3
n-Nitrosodimethylamine
Concen: 4.12 ng
RT: 3.49 min Scan# 131
Delta R.T. -0.01 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Instrument :
BNA_E
ClientSampleId :
PB84962BS

Tgt Ion: 42 Resp: 11435

Ion	Ratio	Lower	Upper
42	100		
74	103.8	75.2	112.8
44	9.4	8.7	13.1

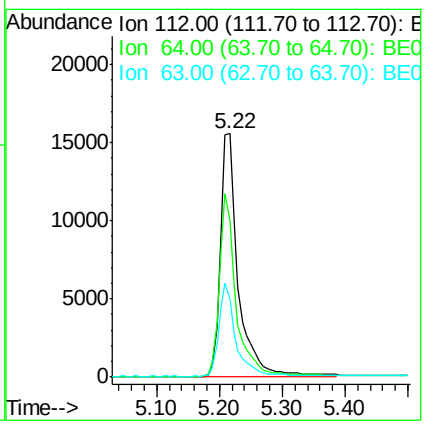


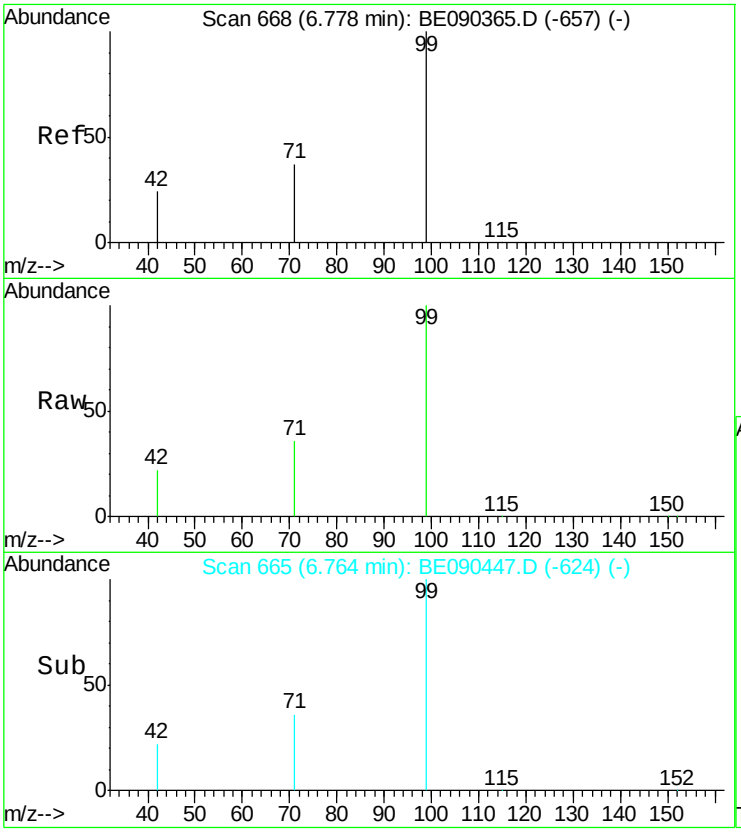


#4
2-Fluorophenol
Concen: 11.34 ng
RT: 5.22 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Tgt Ion:112 Resp: 30520

Ion	Ratio	Lower	Upper
112	100		
64	70.8	37.1	55.7#
63	36.4	19.5	29.3#



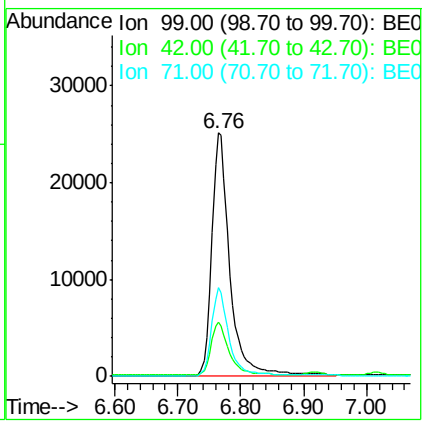


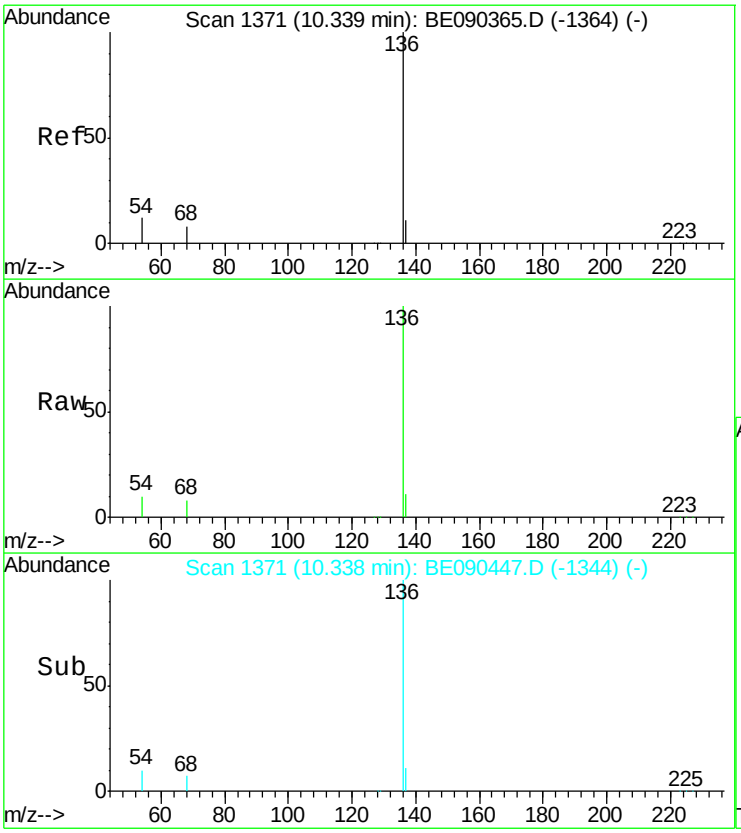
#5
Phenol-d6
Concen: 8.52 ng
RT: 6.76 min Scan# 665
Delta R.T. -0.01 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Instrument :
BNA_E
ClientSampleId :
PB84962BS

Tgt Ion: 99 Resp: 49840

Ion	Ratio	Lower	Upper
99	100		
42	21.8	18.2	27.4
71	35.6	27.4	41.0

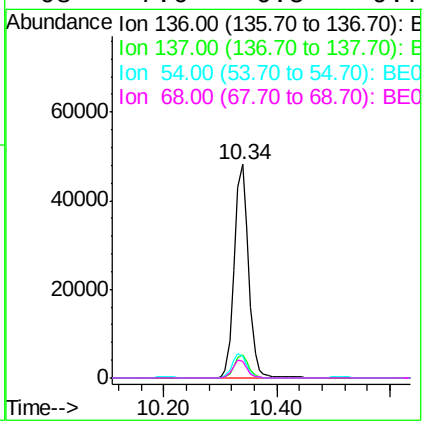


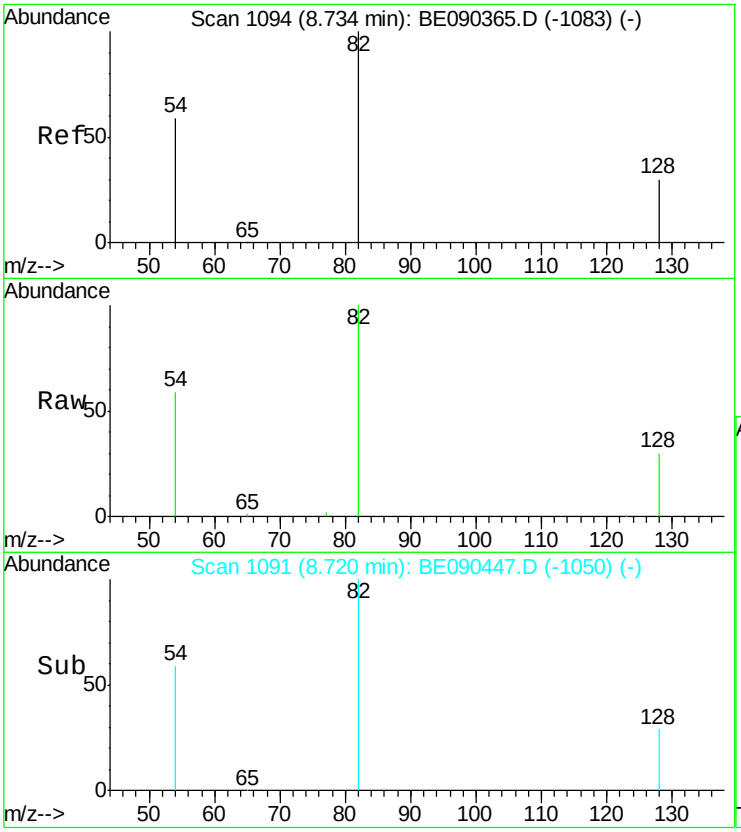


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Tgt Ion:136 Resp: 84073

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	10.3	9.4	14.0
68	7.6	6.5	9.7



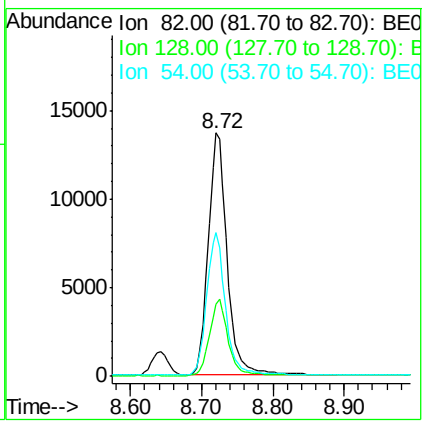


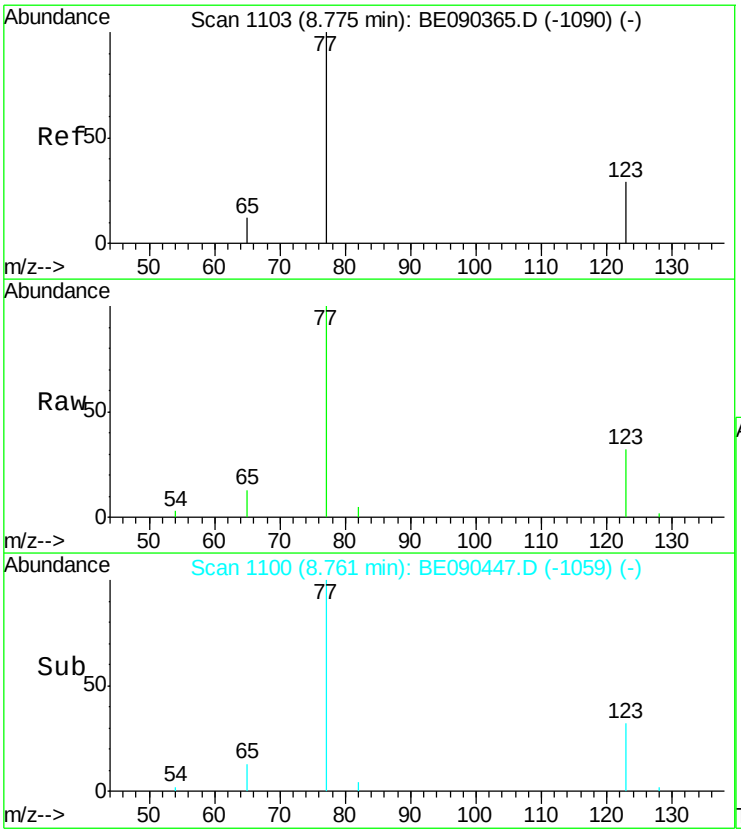
#7
Nitrobenzene-d5
Concen: 3.71 ng
RT: 8.72 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Instrument :
BNA_E
ClientSampleId :
PB84962BS

Tgt Ion: 82 Resp: 25007

Ion	Ratio	Lower	Upper
82	100		
128	29.6	25.0	37.6
54	59.1	48.8	73.2

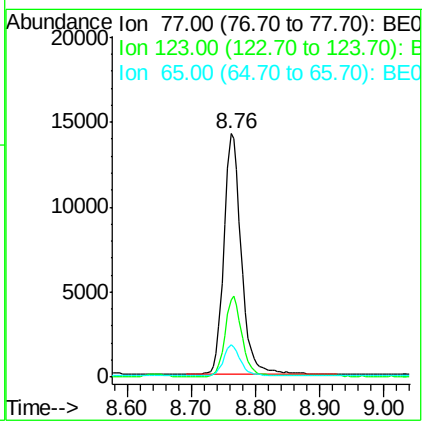


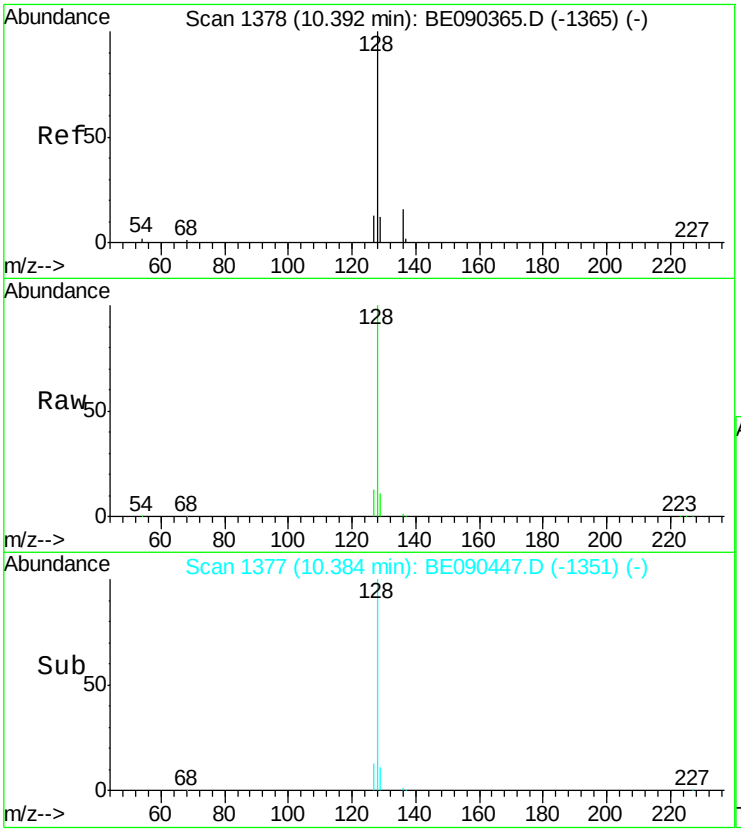


#8
Nitrobenzene
Concen: 3.72 ng
RT: 8.76 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Tgt Ion: 77 Resp: 26791

Ion	Ratio	Lower	Upper
77	100		
123	32.6	25.1	37.7
65	12.5	9.3	13.9



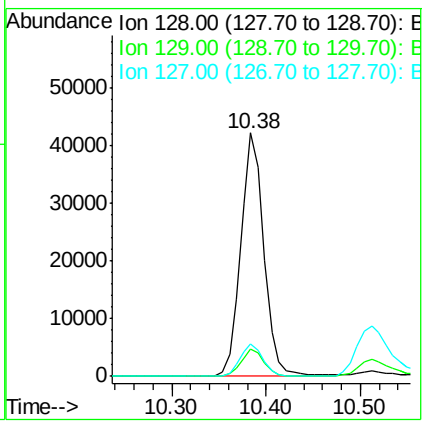


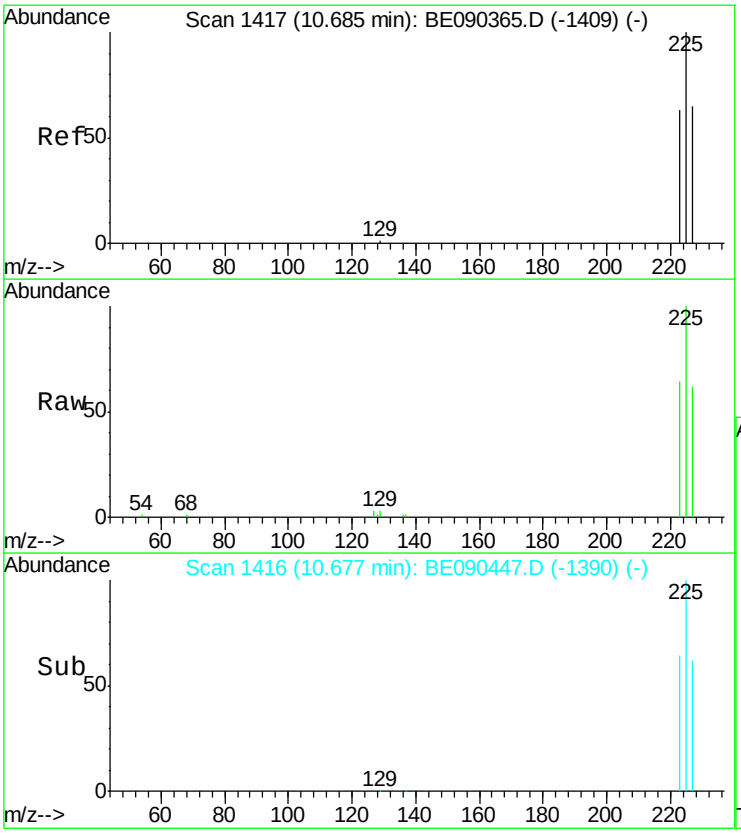
#9
Naphthalene
Concen: 3.88 ng
RT: 10.38 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Instrument :
BNA_E
ClientSampleId :
PB84962BS

Tgt Ion:128 Resp: 72001

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.8	14.6
127	13.2	10.6	16.0

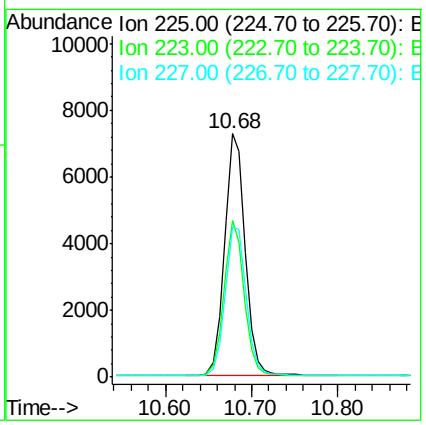


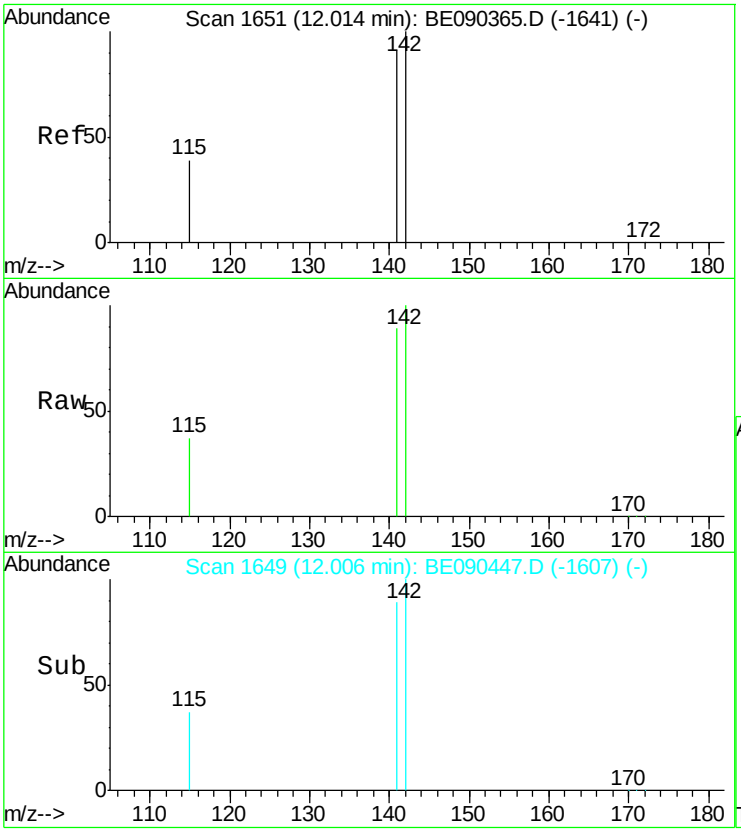


#10
Hexachlorobutadiene
Concen: 4.30 ng
RT: 10.68 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Tgt Ion:225 Resp: 12105

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	75.8
227	63.7	50.7	76.1



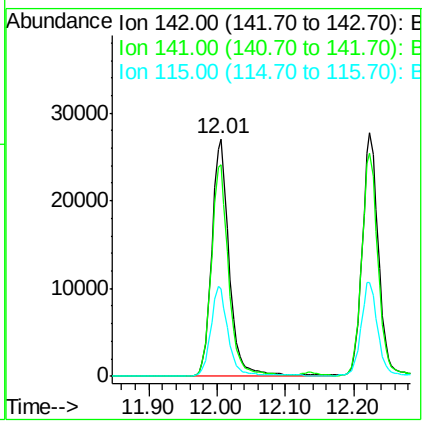


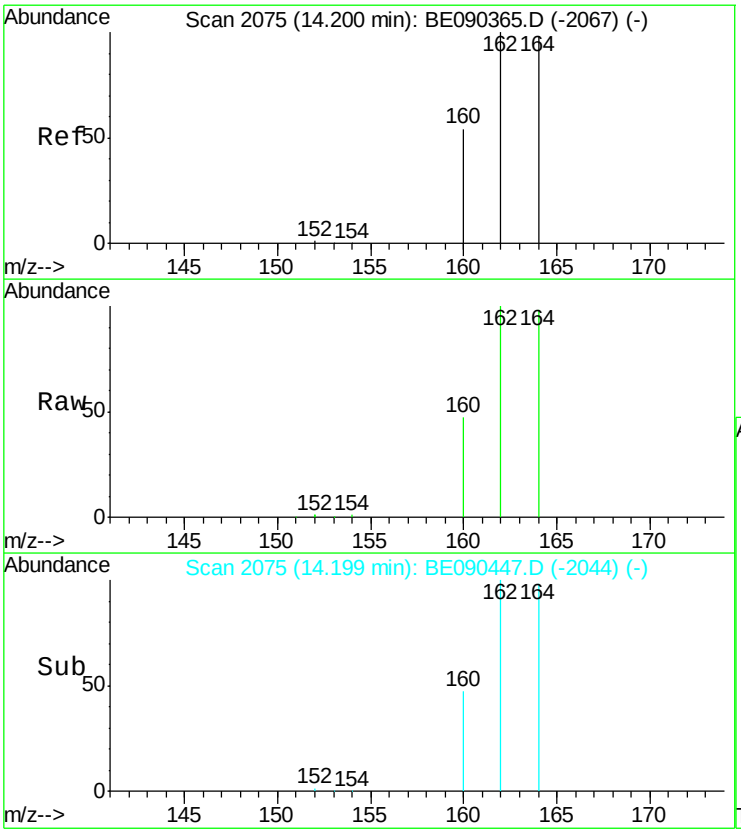
#11
2-Methylnaphthalene
Concen: 4.42 ng
RT: 12.01 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Instrument :
BNA_E
ClientSampleId :
PB84962BS

Tgt Ion:142 Resp: 47554

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.6	109.0
115	36.8	31.6	47.4

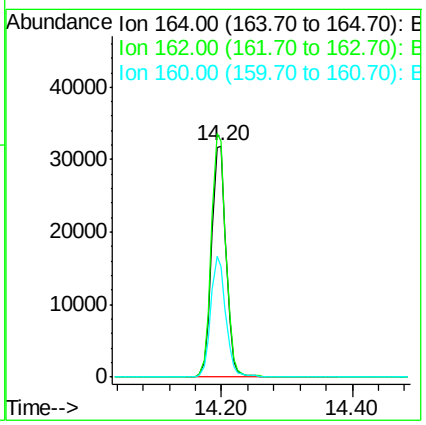


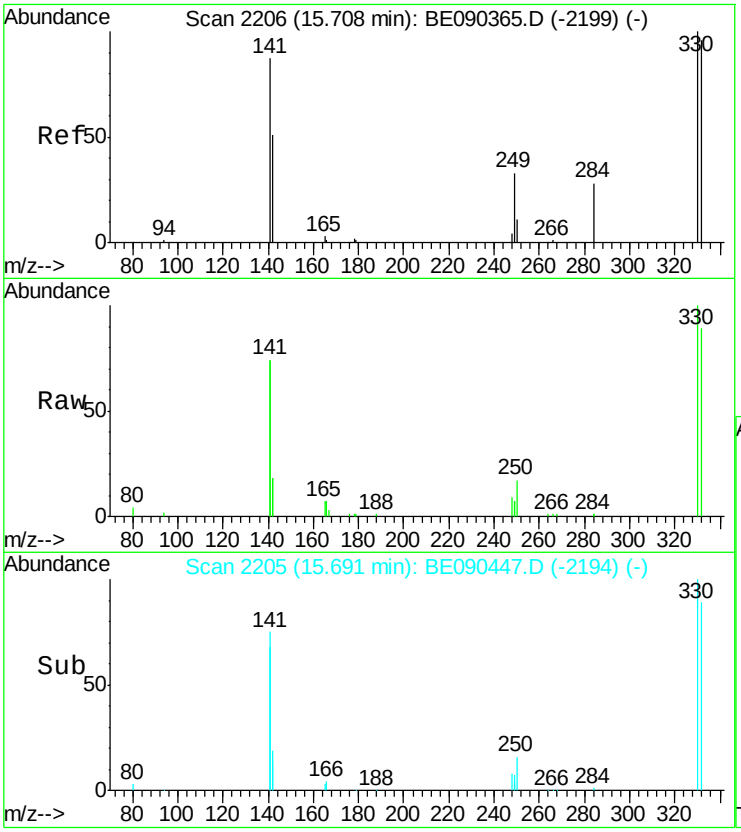


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Tgt Ion:164 Resp: 48787

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.8	122.8
160	48.0	44.2	66.4



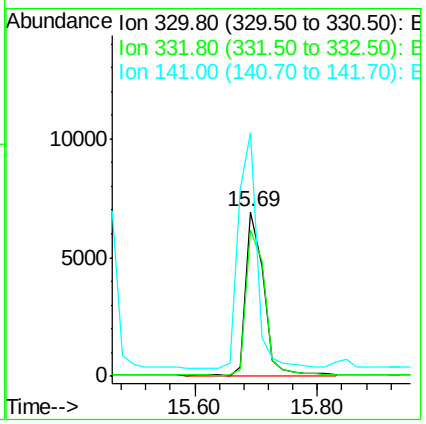


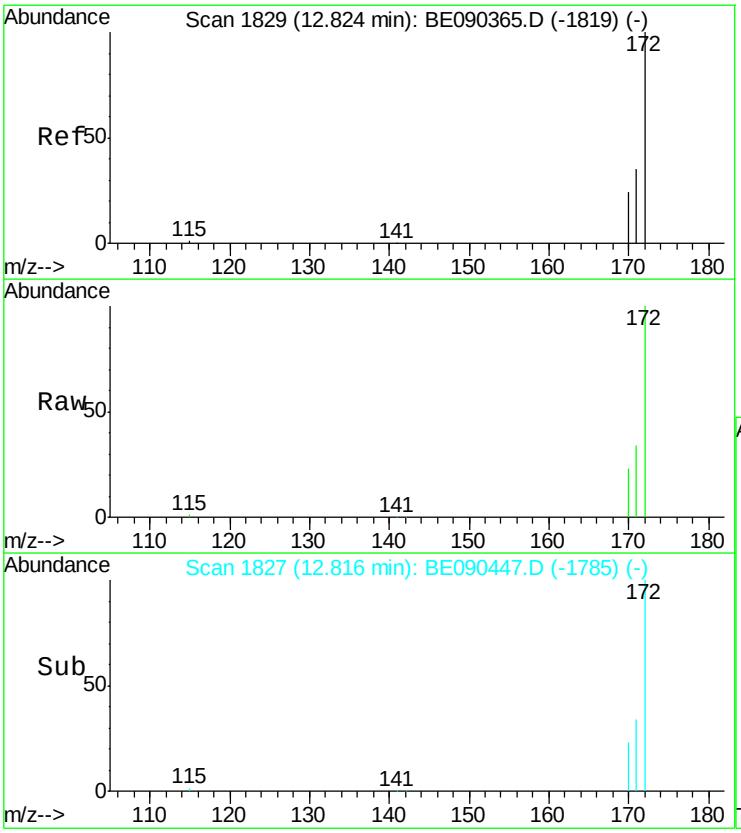
#13
2,4,6-Tribromophenol
Concen: 8.76 ng
RT: 15.69 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Instrument :
BNA_E
ClientSampleId :
PB84962BS

Tgt Ion:330 Resp: 13677

Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.8	113.6
141	154.4	114.4	171.6

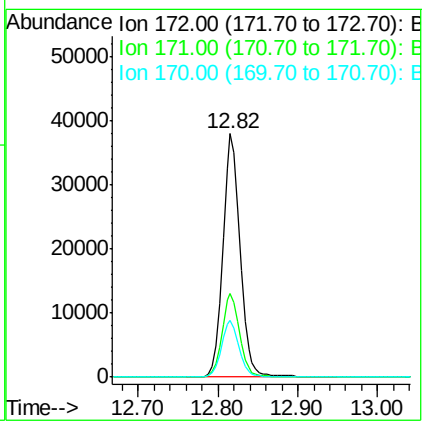


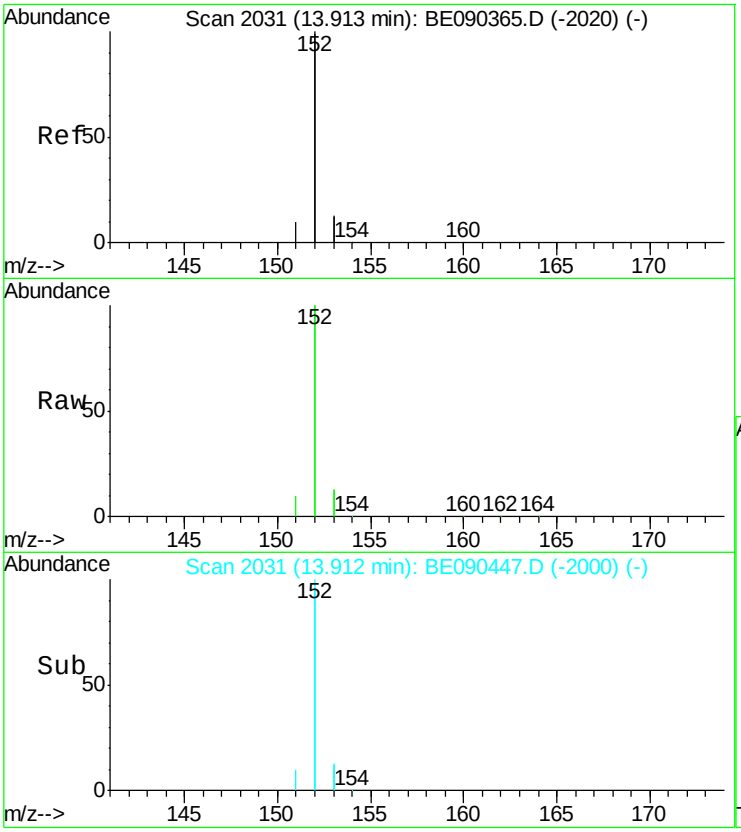


#14
2-Fluorobiphenyl
Concen: 4.26 ng
RT: 12.82 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Tgt Ion:172 Resp: 57167

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	23.3	19.8	29.8



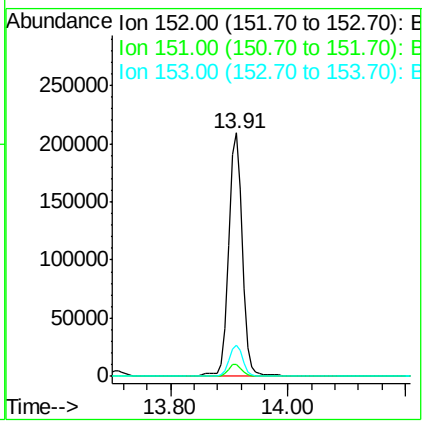


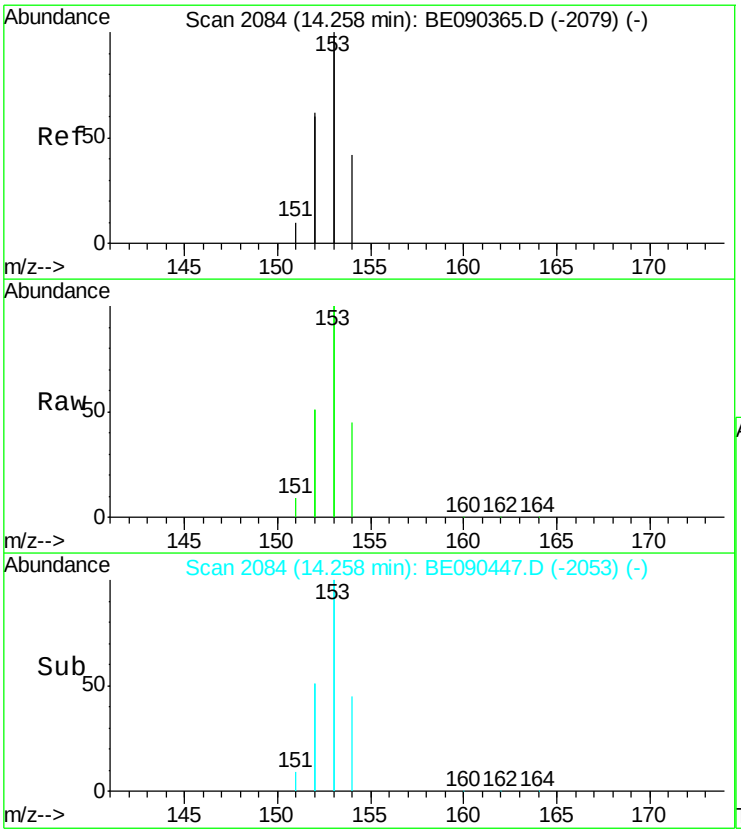
#15
Acenaphthylene
Concen: 4.24 ng
RT: 13.91 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Instrument :
BNA_E
ClientSampleId :
PB84962BS

Tgt Ion:152 Resp: 334725

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.8	5.8
153	12.8	10.3	15.5

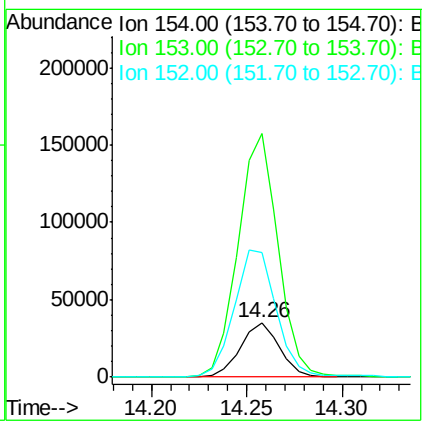


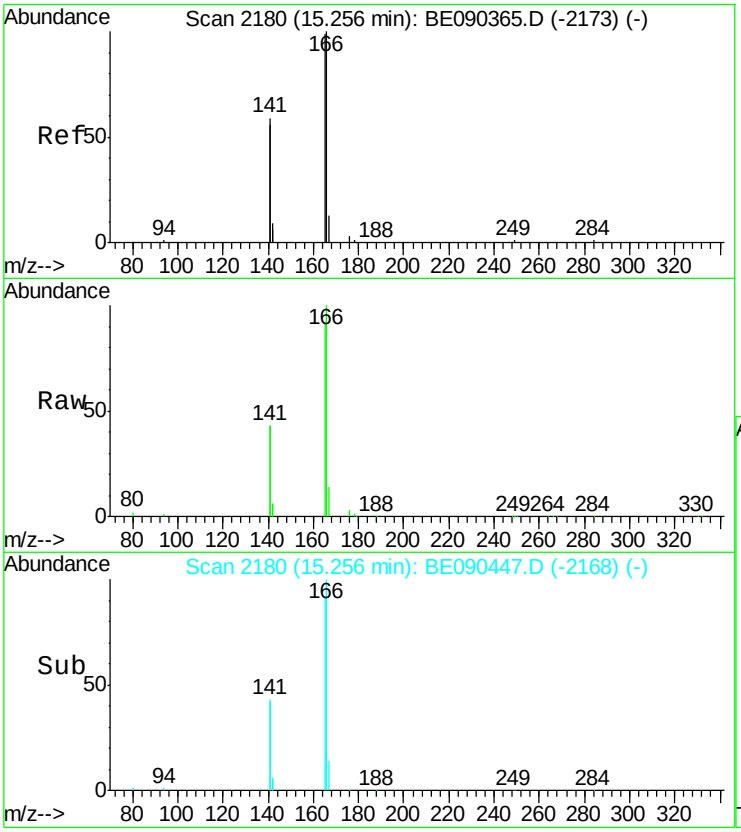


#16
Acenaphthene
Concen: 4.04 ng
RT: 14.26 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Tgt Ion:154 Resp: 49641

Ion	Ratio	Lower	Upper
154	100		
153	459.9	376.2	564.2
152	252.6	235.0	352.4



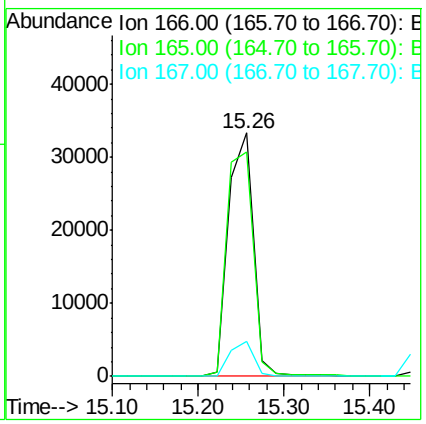


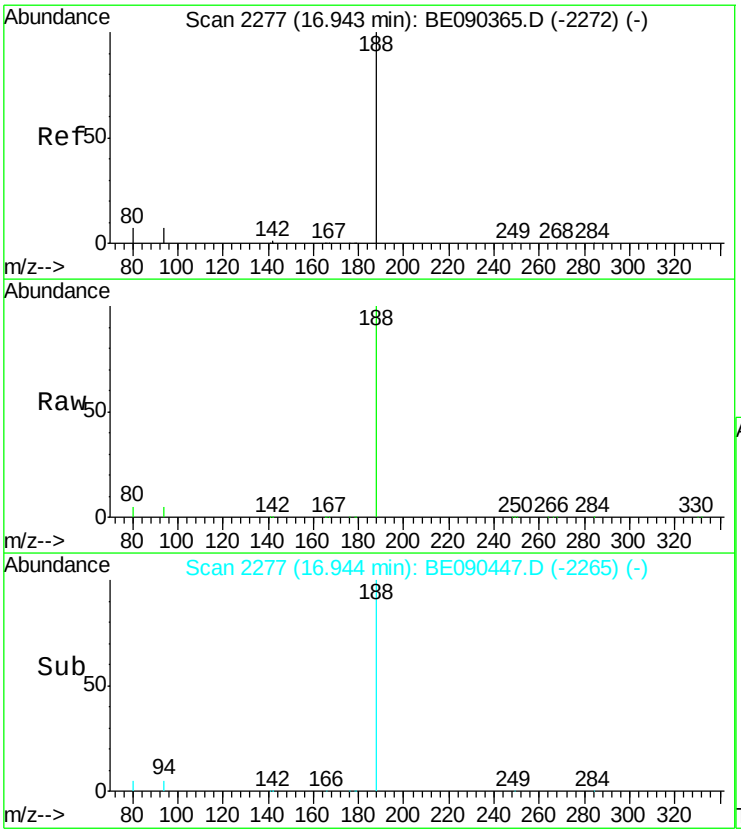
#17
Fluorene
Concen: 4.17 ng
RT: 15.26 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Instrument :
BNA_E
ClientSampleId :
PB84962BS

Tgt Ion:166 Resp: 66603

Ion	Ratio	Lower	Upper
166	100		
165	99.1	81.5	122.3
167	13.6	11.4	17.0

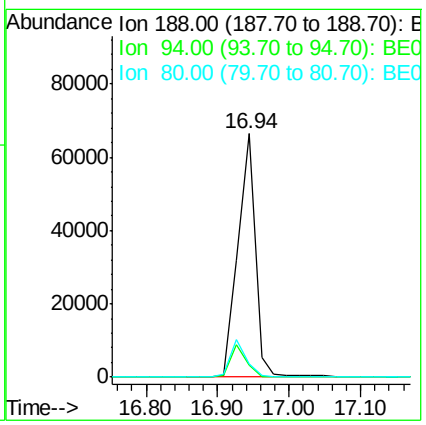


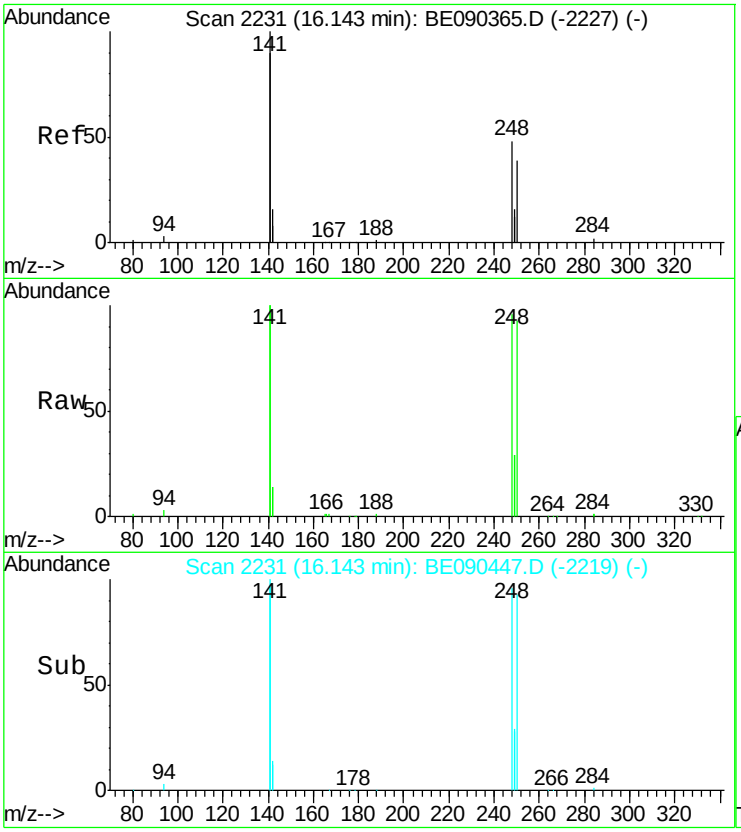


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Tgt Ion:188 Resp: 111437

Ion	Ratio	Lower	Upper
188	100		
94	5.1	5.7	8.5#
80	5.2	5.8	8.8#



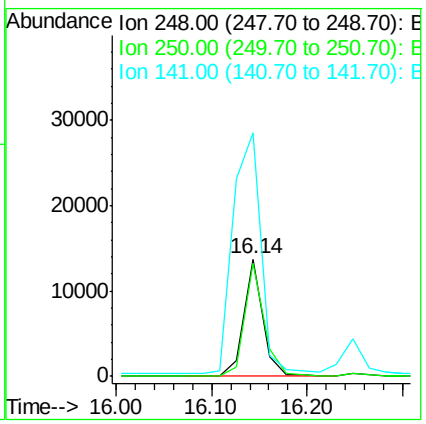


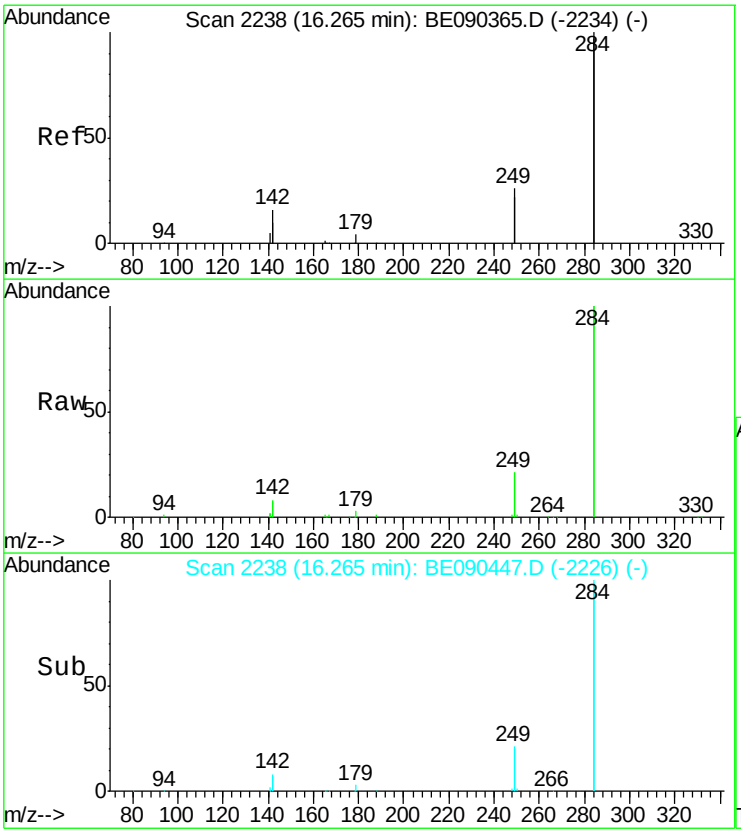
#19
4-Bromophenyl-phenylether
Concen: 4.39 ng
RT: 16.14 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Instrument :
BNA_E
ClientSampleId :
PB84962BS

Tgt Ion:248 Resp: 19045

Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.0	118.6
141	297.3	239.5	359.3

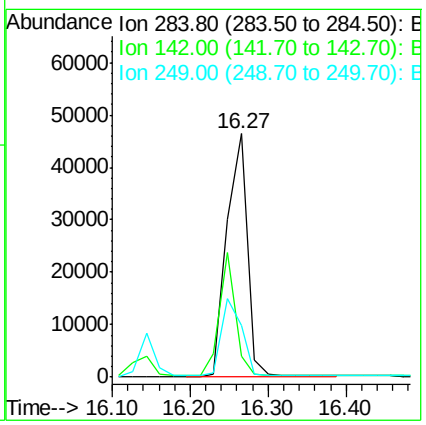


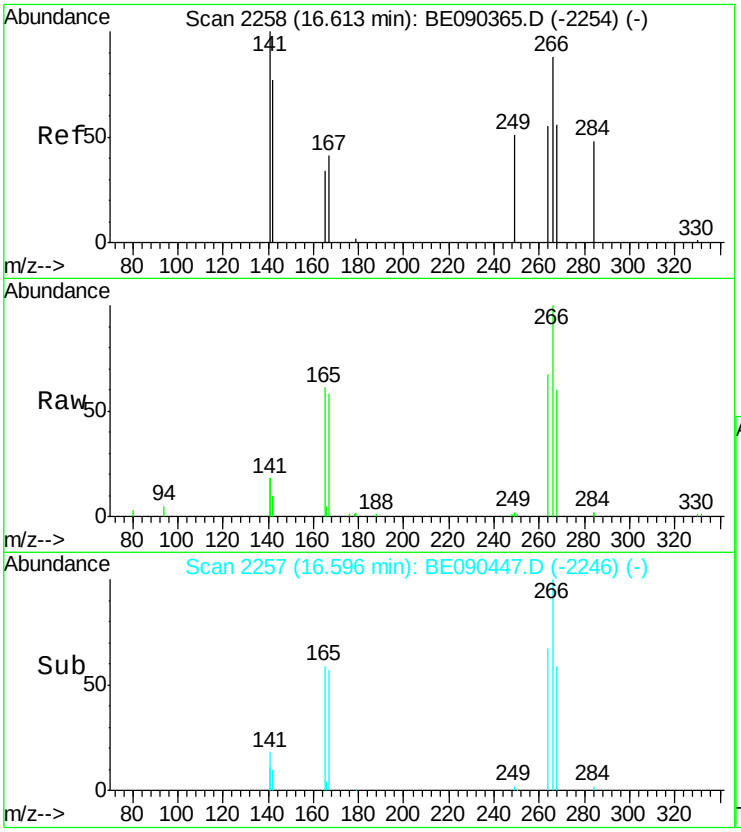


#20
Hexachlorobenzene
Concen: 3.74 ng
RT: 16.27 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Tgt Ion:284 Resp: 83797

Ion	Ratio	Lower	Upper
284	100		
142	39.4	30.1	45.1
249	31.9	25.7	38.5



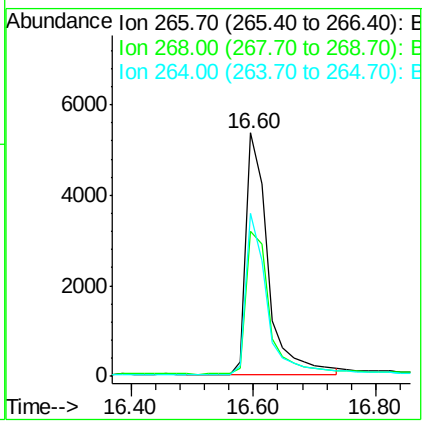


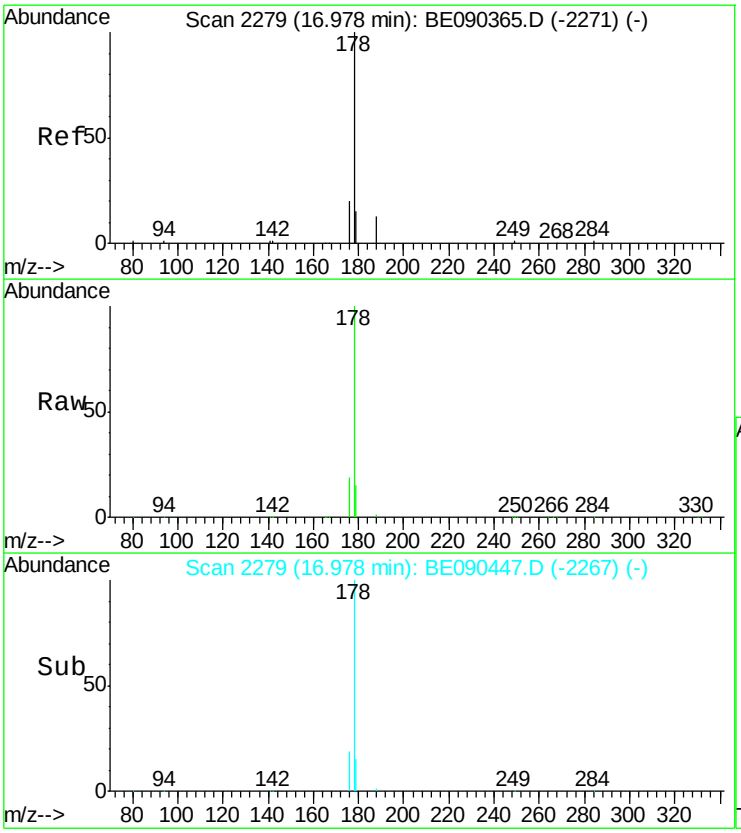
#21
Pentachlorophenol
Concen: 7.65 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Instrument :
BNA_E
ClientSampleId :
PB84962BS

Tgt Ion:266 Resp: 13217

Ion	Ratio	Lower	Upper
266	100		
268	59.5	58.5	87.7
264	66.9	56.0	84.0

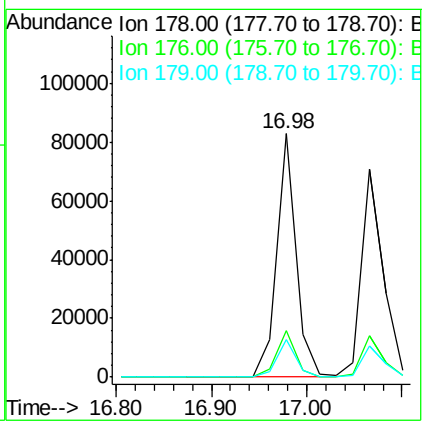


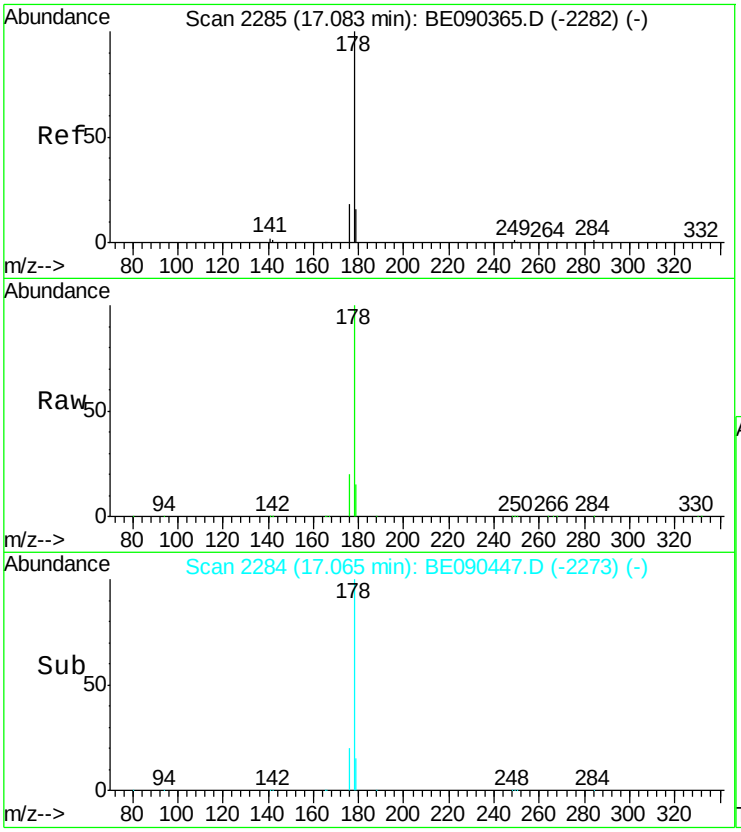


#22
Phenanthrene
Concen: 4.19 ng
RT: 16.98 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Tgt Ion:178 Resp: 116734

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.3	12.5	18.7



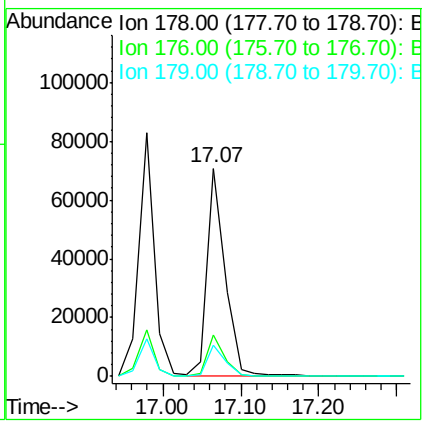


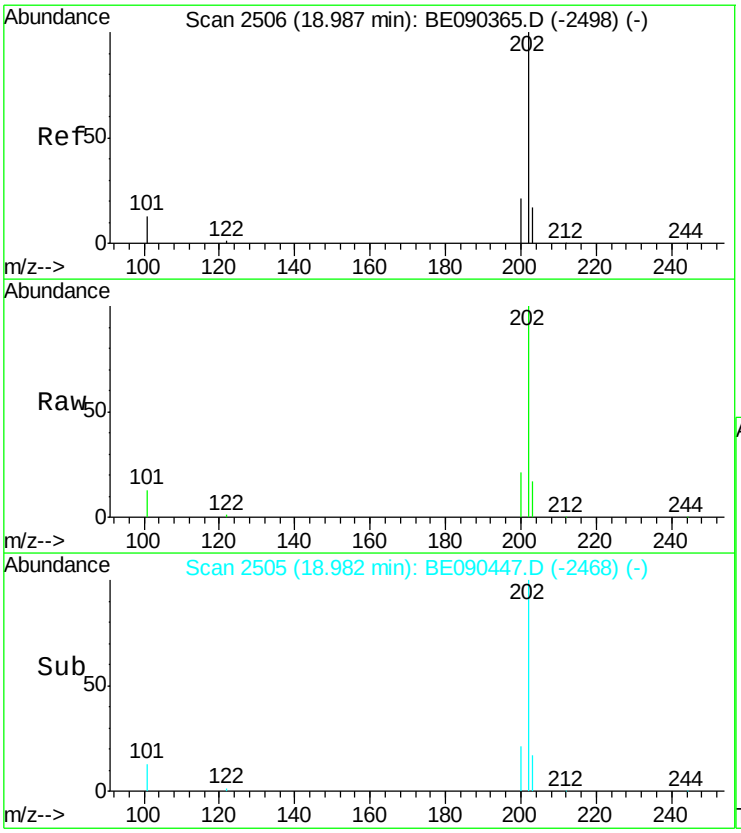
#23
Anthracene
Concen: 4.91 ng
RT: 17.07 min Scan# 2284
Delta R.T. -0.02 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Instrument :
BNA_E
ClientSampleId :
PB84962BS

Tgt Ion:178 Resp: 112537

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.4	12.2	18.4

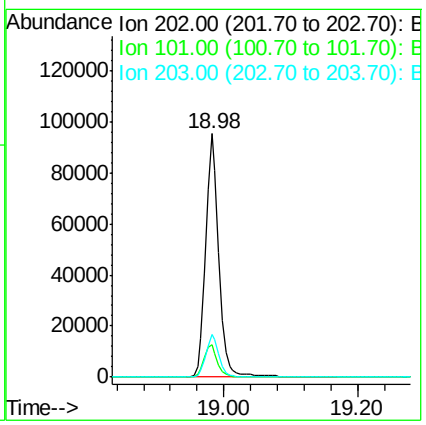


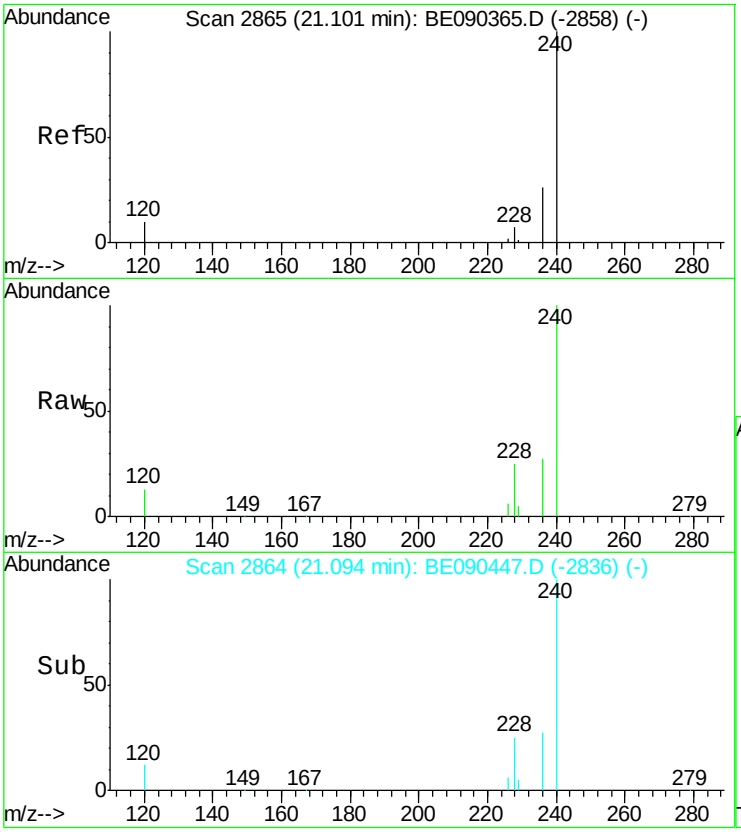


#24
Fluoranthene
Concen: 4.73 ng
RT: 18.98 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Tgt Ion:202 Resp: 129932

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.3	15.5
203	17.3	13.7	20.5



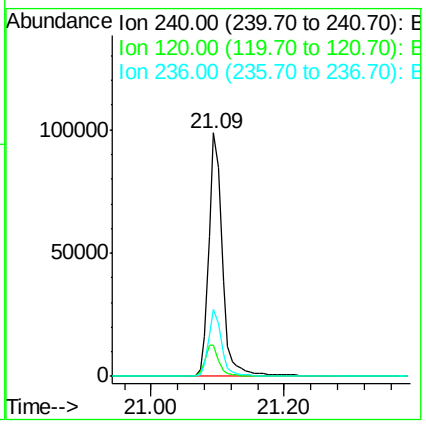


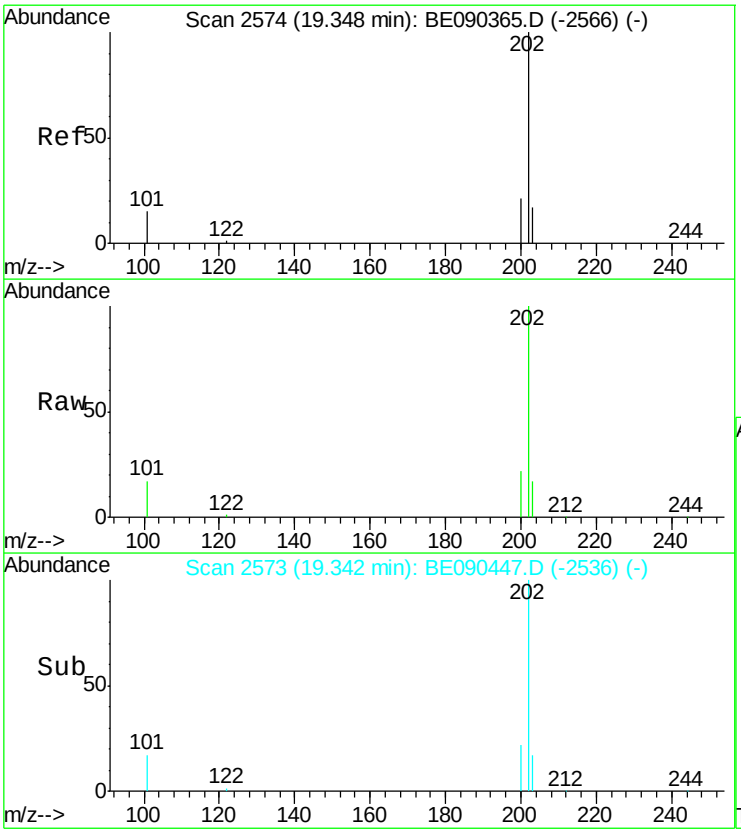
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Instrument :
BNA_E
ClientSampleId :
PB84962BS

Tgt Ion:240 Resp: 136902

Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.3	12.5#
236	27.3	21.0	31.4

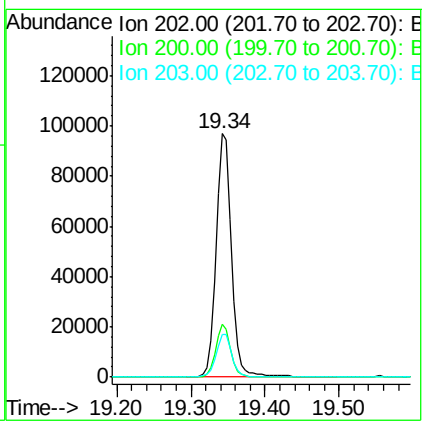


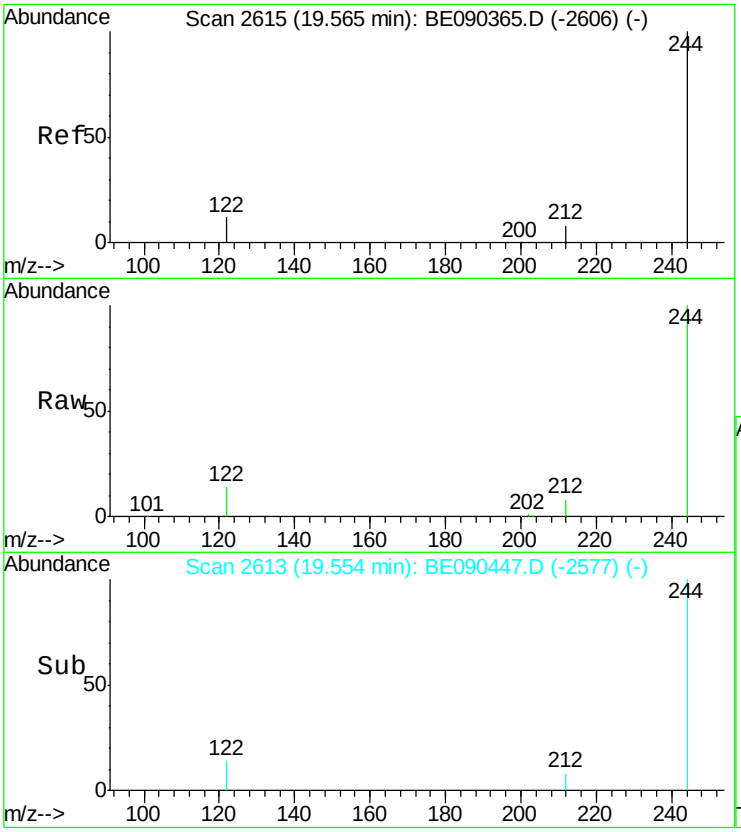


#26
Pyrene
Concen: 4.77 ng
RT: 19.34 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Tgt Ion:202 Resp: 141534

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



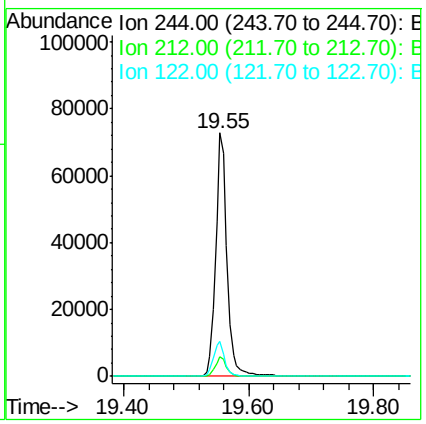


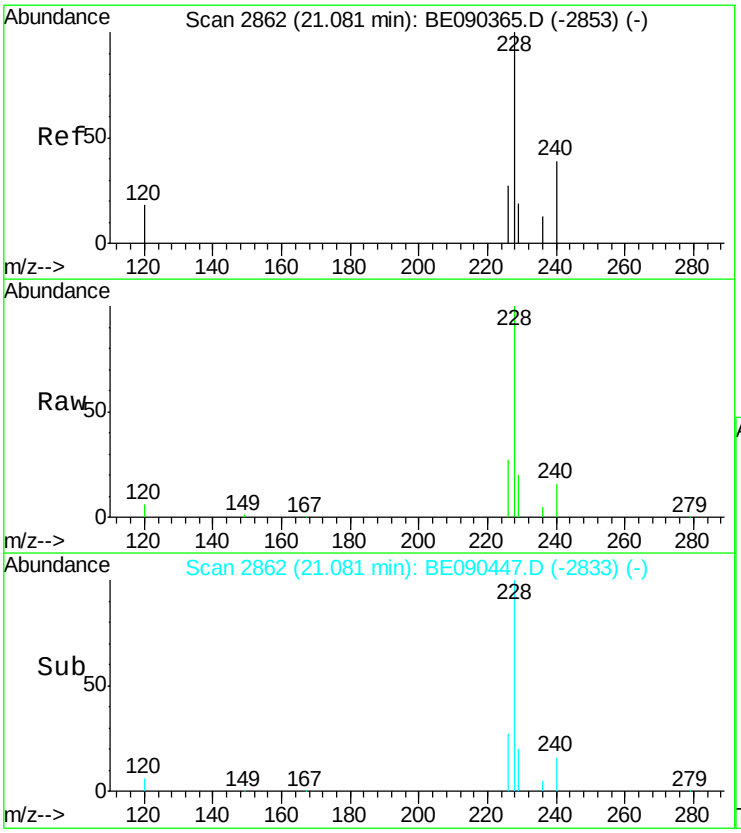
#27
Terphenyl-d14
Concen: 4.54 ng
RT: 19.55 min Scan# 2613
Delta R.T. -0.01 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Instrument :
BNA_E
ClientSampleId :
PB84962BS

Tgt Ion:244 Resp: 91669

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	9.8
122	14.1	10.2	15.4

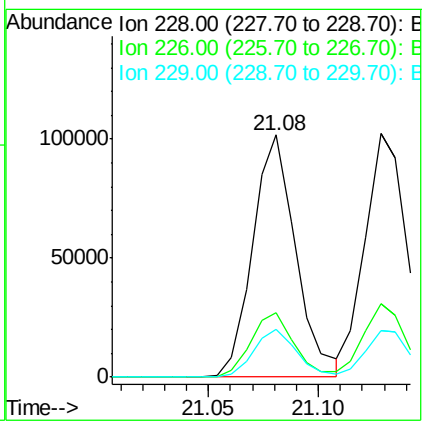


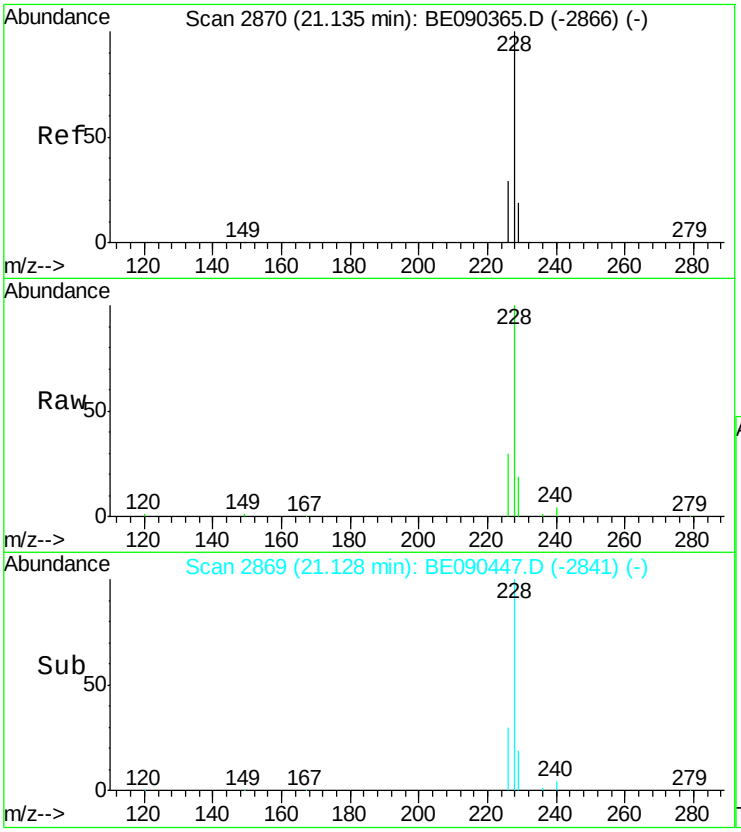


#28
Benzo(a)anthracene
Concen: 4.56 ng
RT: 21.08 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Tgt Ion:228 Resp: 138281

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.9	32.9
229	19.7	15.4	23.0



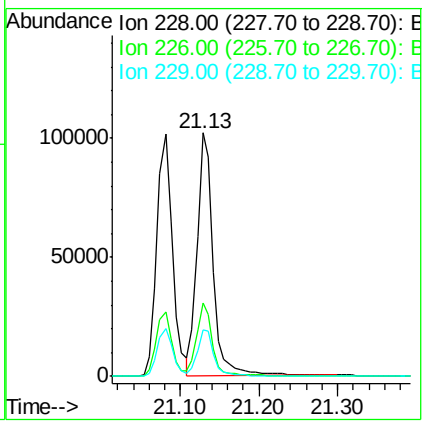


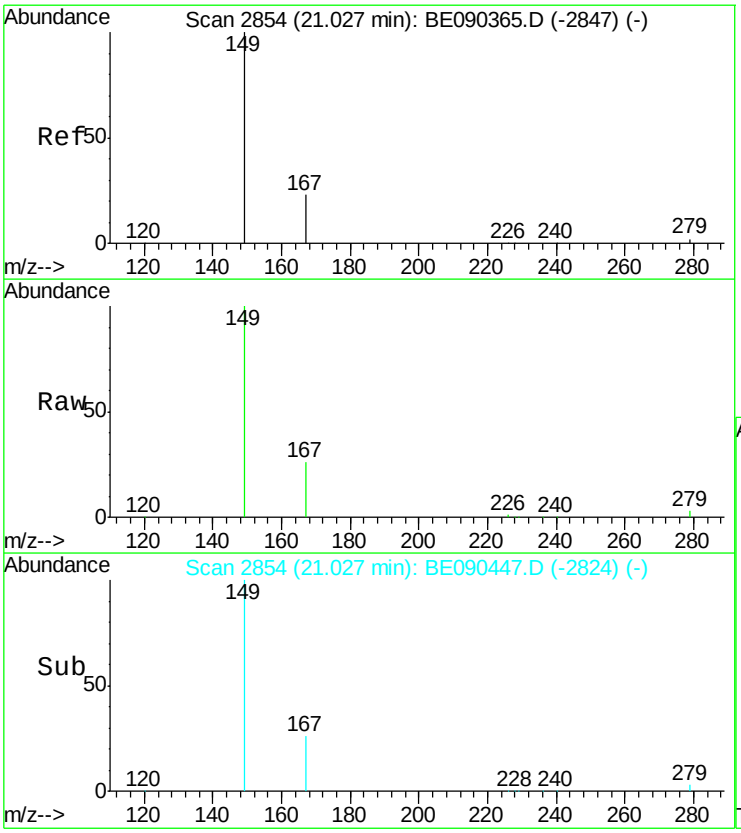
#29
Chrysene
Concen: 3.98 ng
RT: 21.13 min Scan# 2869
Delta R.T. -0.01 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Instrument :
BNA_E
ClientSampleId :
PB84962BS

Tgt Ion:228 Resp: 145986

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.1	34.7
229	18.9	15.8	23.8

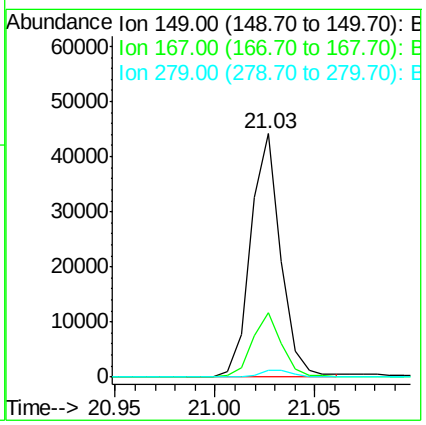


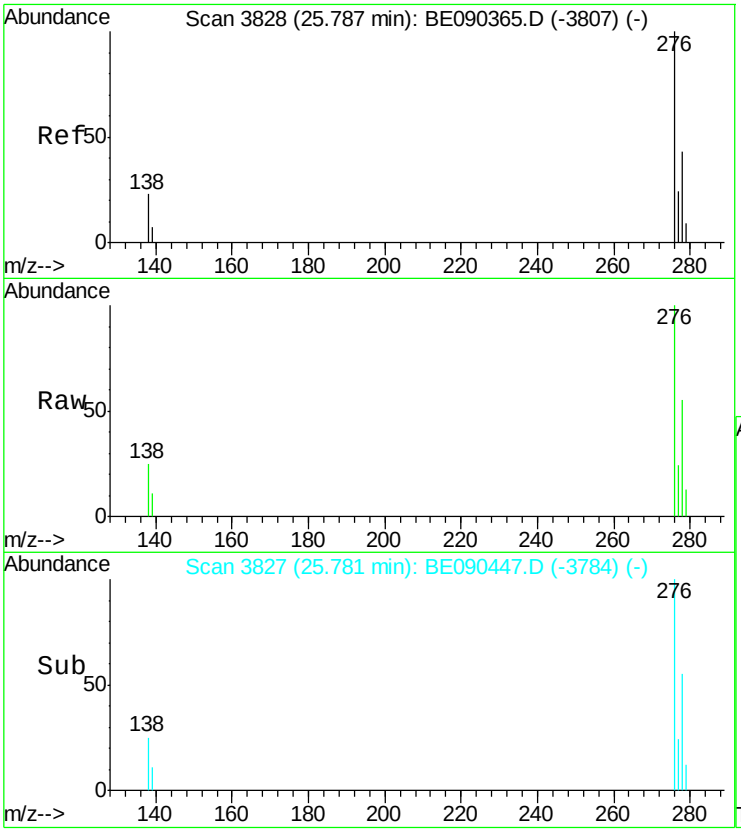


#30
Bis(2-ethylhexyl)phthalate
Concen: 4.39 ng
RT: 21.03 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Tgt Ion:149 Resp: 45887

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



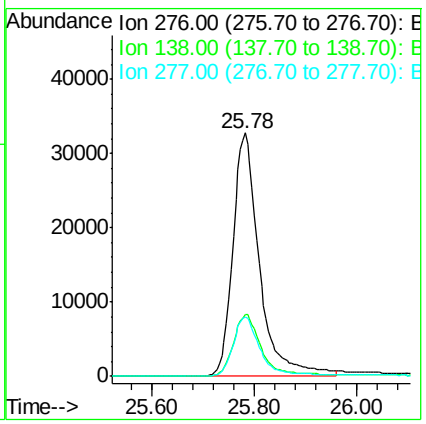


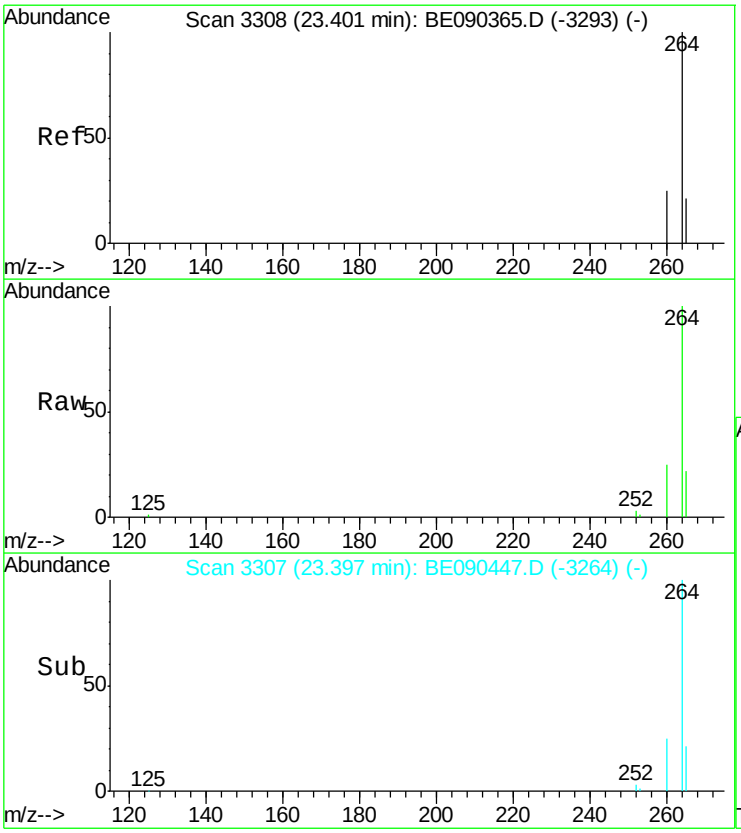
#31
Indeno(1,2,3-cd)pyrene
Concen: 3.65 ng
RT: 25.78 min Scan# 3827
Delta R.T. -0.00 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Instrument :
BNA_E
ClientSampleId :
PB84962BS

Tgt Ion:276 Resp: 118278

Ion	Ratio	Lower	Upper
276	100		
138	26.4	18.8	28.2
277	24.8	18.2	27.4

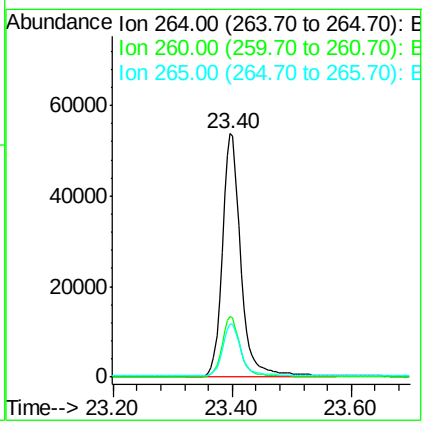


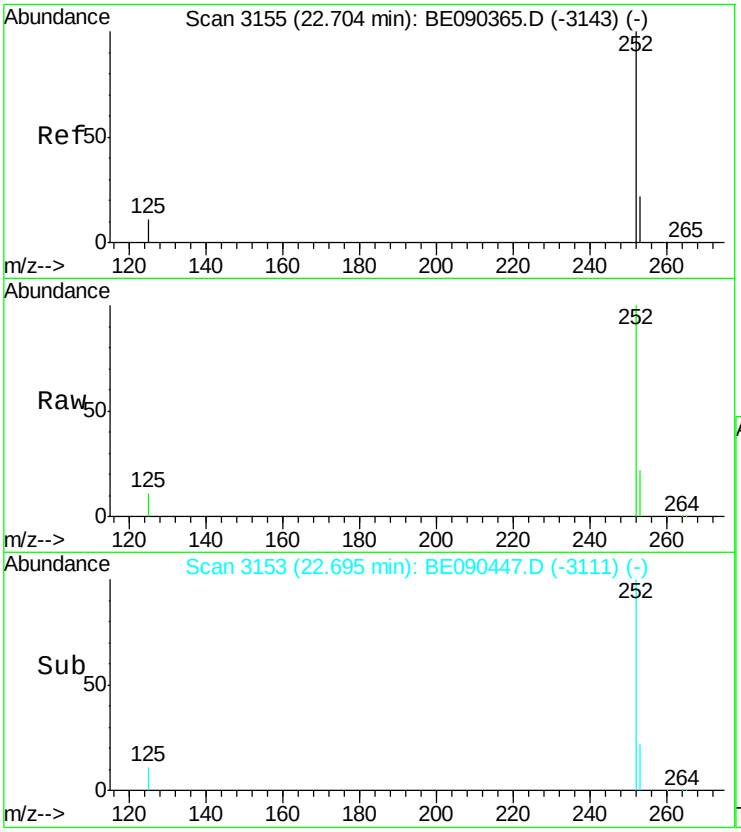


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3307
Delta R.T. -0.00 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Tgt Ion:264 Resp: 116006

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	21.9	17.2	25.8



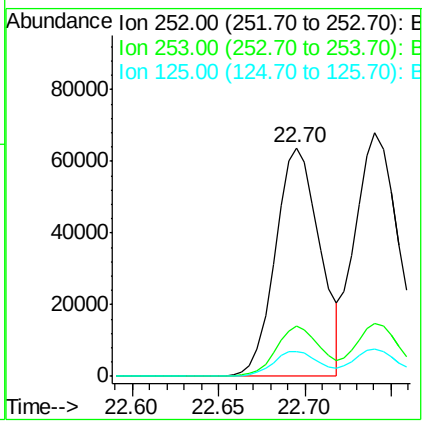


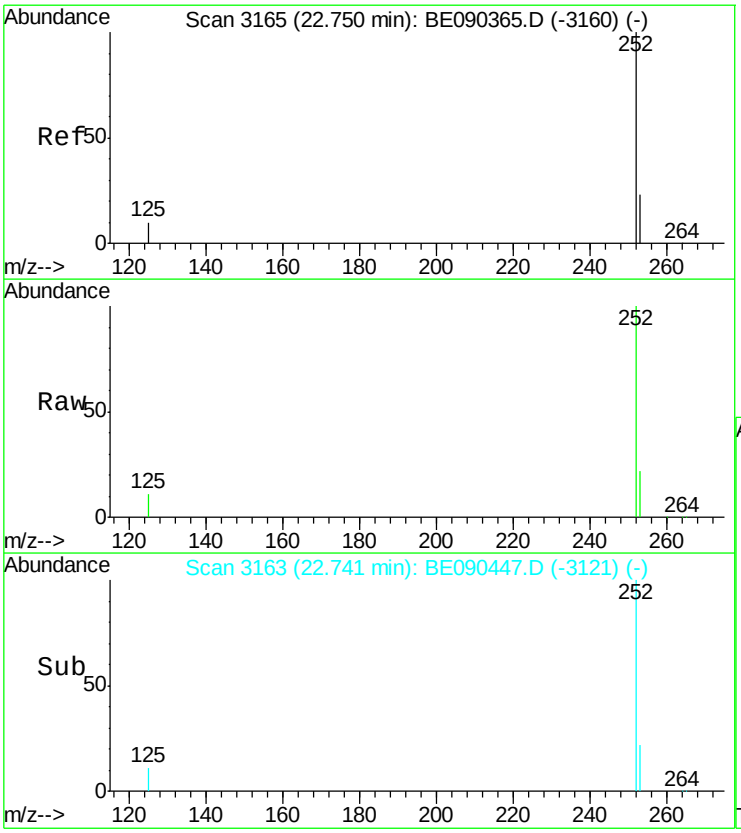
#33
Benzo(b)fluoranthene
Concen: 4.39 ng
RT: 22.70 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Instrument :
BNA_E
ClientSampleId :
PB84962BS

Tgt Ion:252 Resp: 114419

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	11.1	9.4	14.2

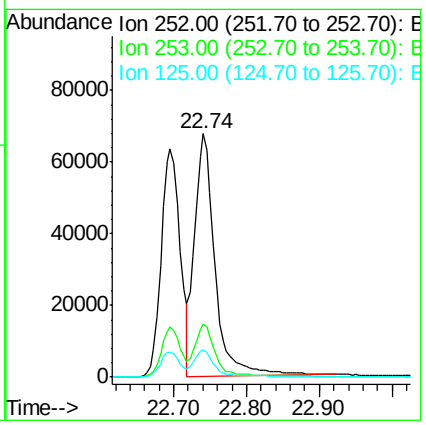


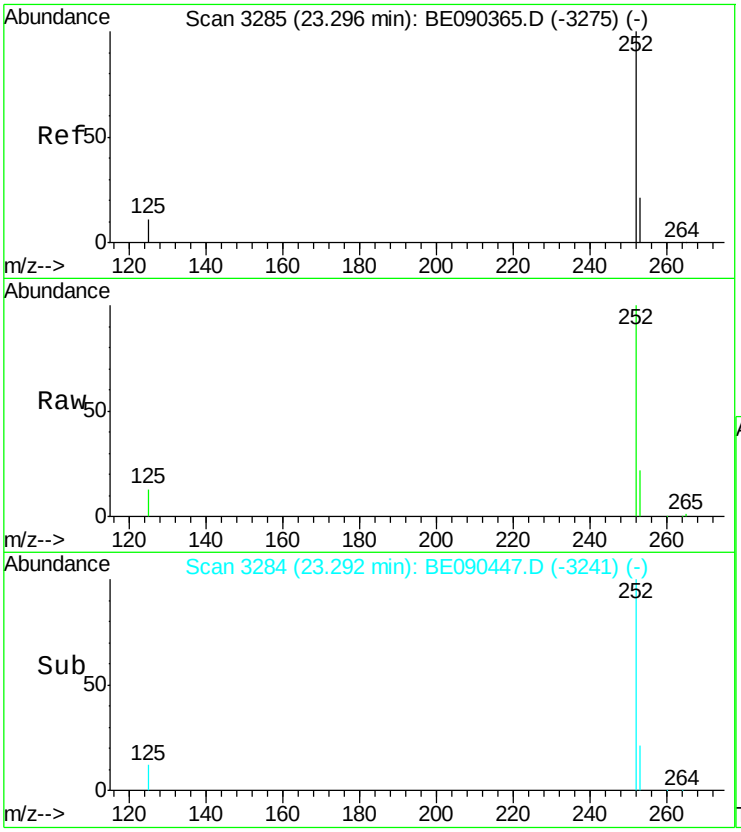


#34
Benzo(k)fluoranthene
Concen: 4.06 ng
RT: 22.74 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Tgt Ion:252 Resp: 131104

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	11.2	9.1	13.7



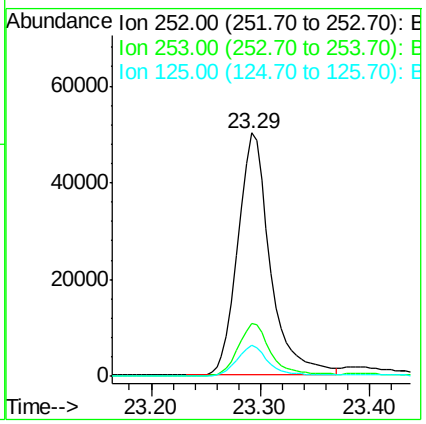


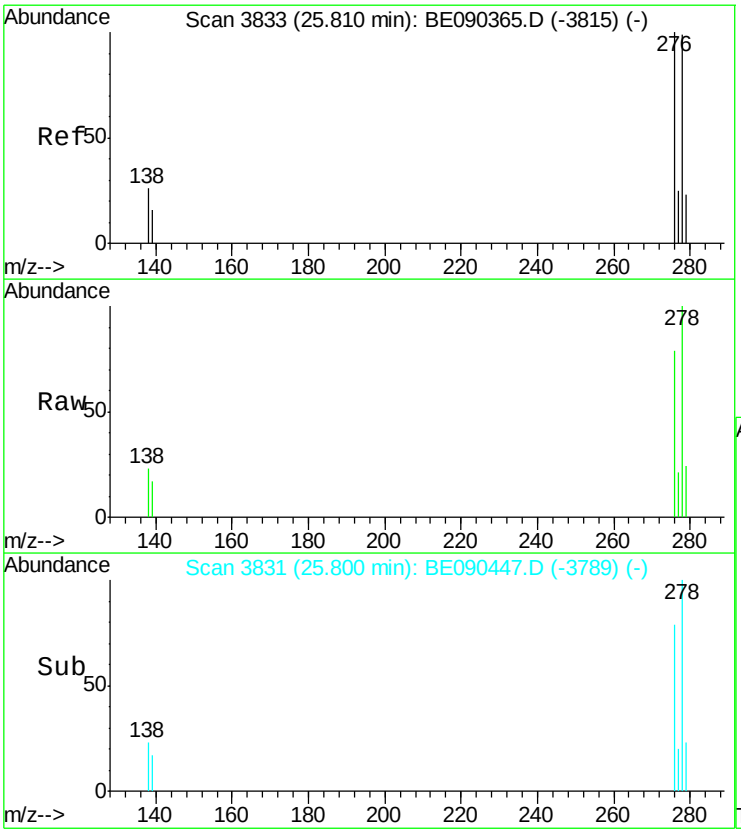
#35
Benzo(a)pyrene
Concen: 4.20 ng
RT: 23.29 min Scan# 3284
Delta R.T. -0.00 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Instrument :
BNA_E
ClientSampleId :
PB84962BS

Tgt Ion:252 Resp: 103302

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	12.5	9.8	14.6

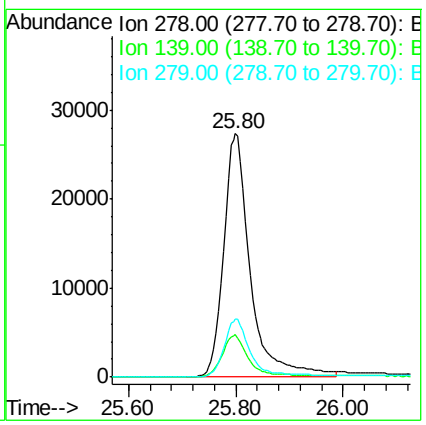


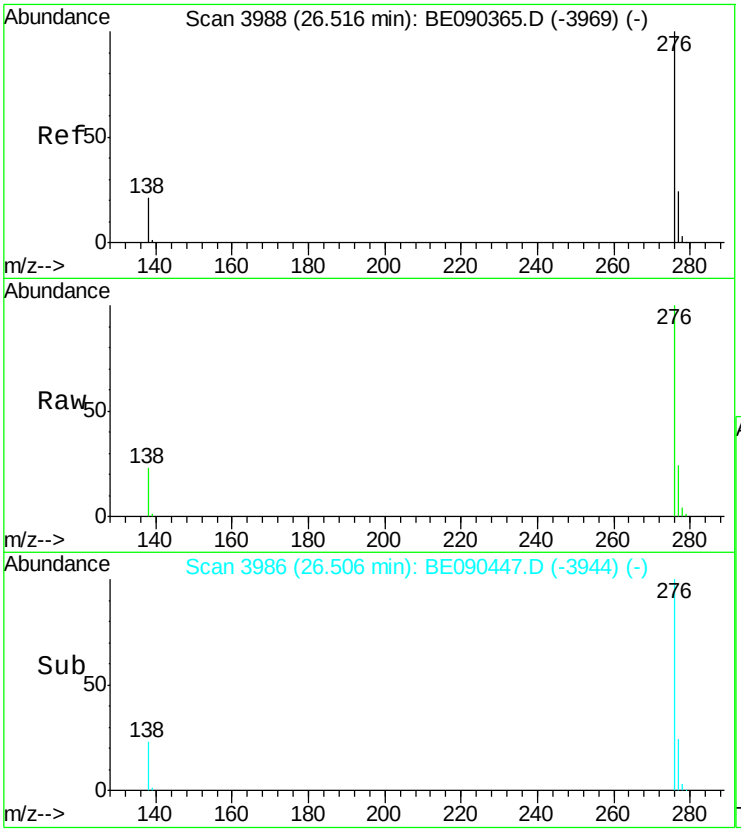


#36
Dibenzo(a,h)anthracene
Concen: 3.95 ng
RT: 25.80 min Scan# 3831
Delta R.T. -0.01 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Tgt Ion:278 Resp: 94320

Ion	Ratio	Lower	Upper
278	100		
139	17.3	14.2	21.4
279	23.6	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 4.89 ng
RT: 26.51 min Scan# 3986
Delta R.T. -0.01 min
Lab File: BE090447.D
Acq: 12 Aug 2015 2:48

Instrument :
BNA_E
ClientSampleId :
PB84962BS

Tgt Ion:276 Resp: 104670

Ion	Ratio	Lower	Upper
276	100		
277	23.9	20.1	30.1
138	22.9	18.1	27.1