Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080515\
Data File : BE090392.D
Acq On : 6 Aug 2015 16:36
Operator : TP/UM
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001EC

Quant Time: Aug 06 18:19:54 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	7.59	152	21747	5.00	ng		0.00
6) Naphthalene-d8	10.34	136	97209	5.00	ng		0.00
12) Acenaphthene-d10	14.20	164	55301	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	131596	5.00	ng		0.00
25) Chrysene-d12	21.10	240	155783	5.00	ng		0.00
32) Perylene-d12	23.40	264	143444	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	4402	1.35	ng		0.00
5) Phenol-d6	6.77	99	6237	1.10	ng		0.00
7) Nitrobenzene-d5	8.73	82	6669	1.01	ng		0.00
13) 2,4,6-Tribromophenol	15.71	330	1433	1.46	ng		0.00
14) 2-Fluorobiphenyl	12.82	172	16165	1.06	ng		0.00
27) Terphenyl-d14	19.56	244	24697	1.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	3147	1.12	ng		96
3) n-Nitrosodimethylamine	3.49	42	3409	1.01	ng	#	79
8) Nitrobenzene	8.77	77	7024	1.00	ng		99
9) Naphthalene	10.39	128	21467	1.00	ng		98
10) Hexachlorobutadiene	10.69	225	3693	1.08	ng		100
11) 2-Methylnaphthalene	12.01	142	13372	1.07	ng		97
15) Acenaphthylene	13.91	152	95080	1.06	ng		100
16) Acenaphthene	14.26	154	14034	1.01	ng		92
17) Fluorene	15.26	166	18079	1.00	ng		100
19) 4-Bromophenyl-phenylether	16.14	248	5390	1.05	ng		98
20) Hexachlorobenzene	16.27	284	25845	0.98	ng		99
21) Pentachlorophenol	16.61	266	1515	1.56	ng		96
22) Phenanthrene	16.98	178	32182	0.98	ng		100
23) Anthracene	17.07	178	27985	1.03	ng		100
24) Fluoranthene	18.99	202	34697	1.07	ng		100
26) Pyrene	19.35	202	35916	1.06	ng		100
28) Benzo(a)anthracene	21.08	228	35858	1.04	ng		99
29) Chrysene	21.14	228	41808	1.00	ng		99
30) Bis(2-ethylhexyl)phthalate	21.03	149	9984	1.21	ng		99
31) Indeno(1,2,3-cd)pyrene	25.79	276	31448	1.05	ng		98
33) Benzo(b)fluoranthene	22.70	252	30772	1.11	ng		99
34) Benzo(k)fluoranthene	22.75	252	37599	0.94	ng		98
35) Benzo(a)pyrene	23.30	252	26974	1.07	ng		100
36) Dibenzo(a,h)anthracene	25.80	278	24077	1.04	ng		97
37) Benzo(g,h,i)perylene	26.51	276	29068	1.10	ng		98

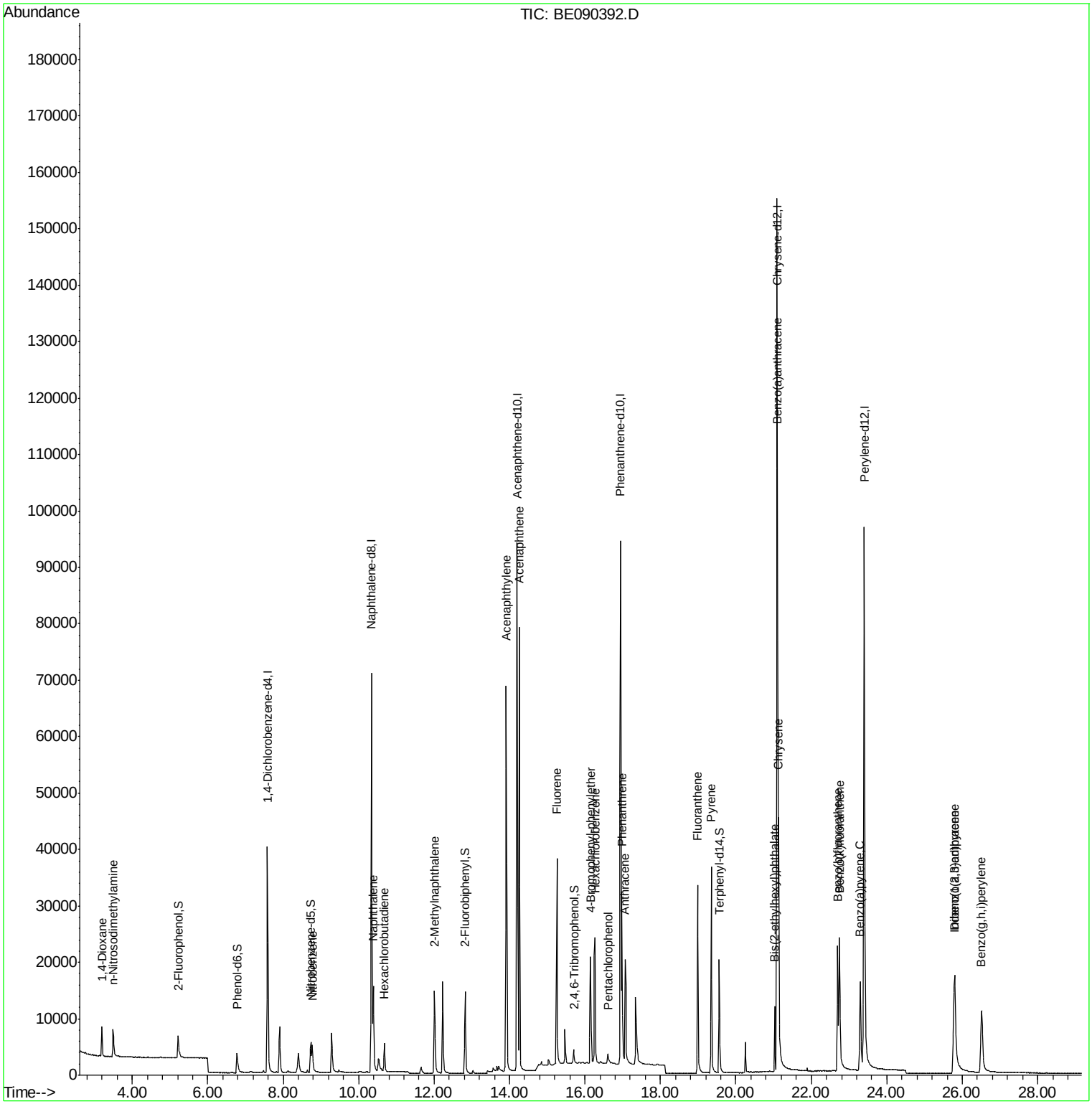
(#) = qualifier out of range (m) = manual integration (+) = signals summed

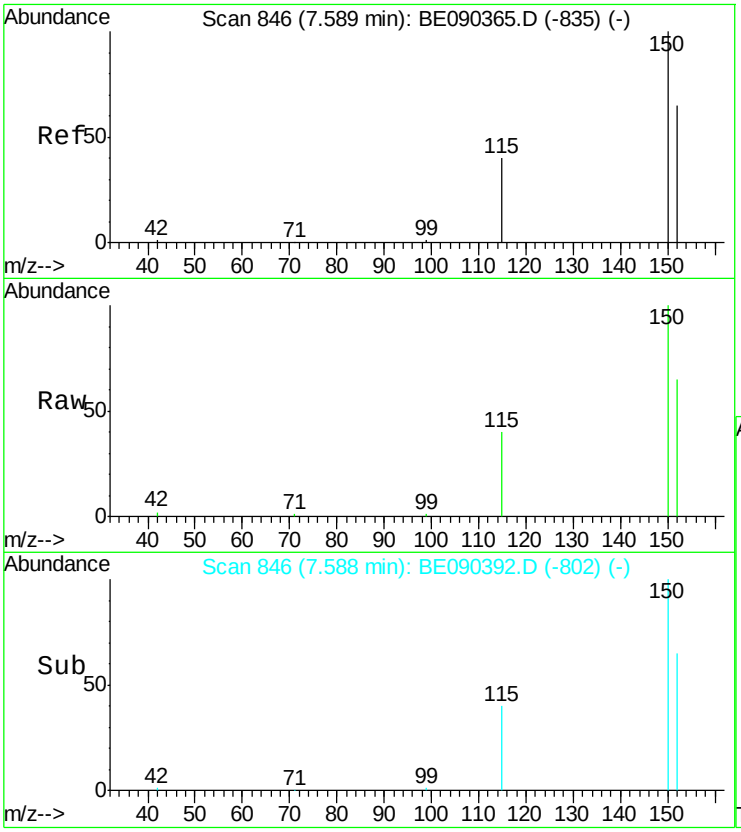
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080515\
Data File : BE090392.D
Acq On : 6 Aug 2015 16:36
Operator : TP/UM
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Quant Time: Aug 06 18:19:54 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



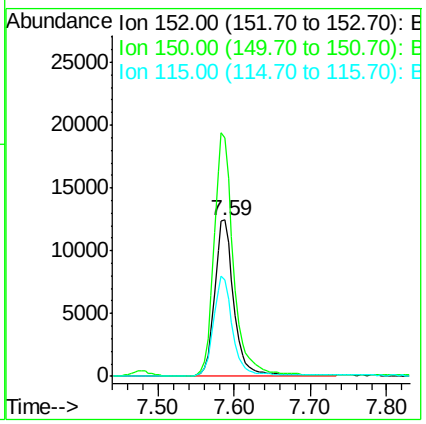


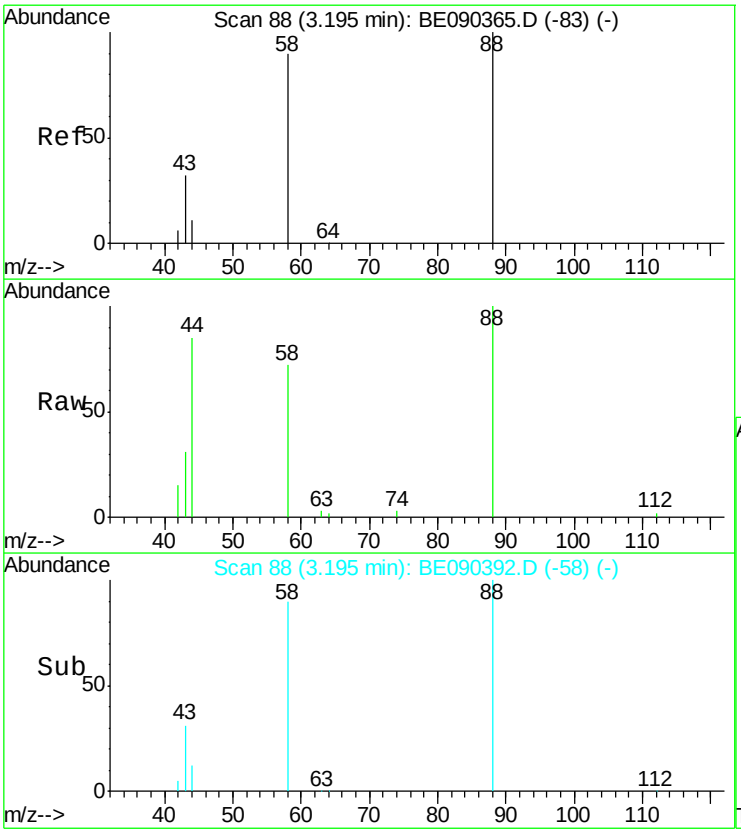
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.59 min Scan# 846
Delta R.T. -0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 21747

Ion	Ratio	Lower	Upper
152	100		
150	152.7	123.0	184.4
115	61.4	48.9	73.3

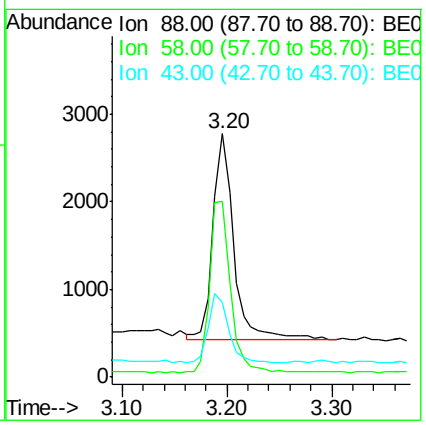


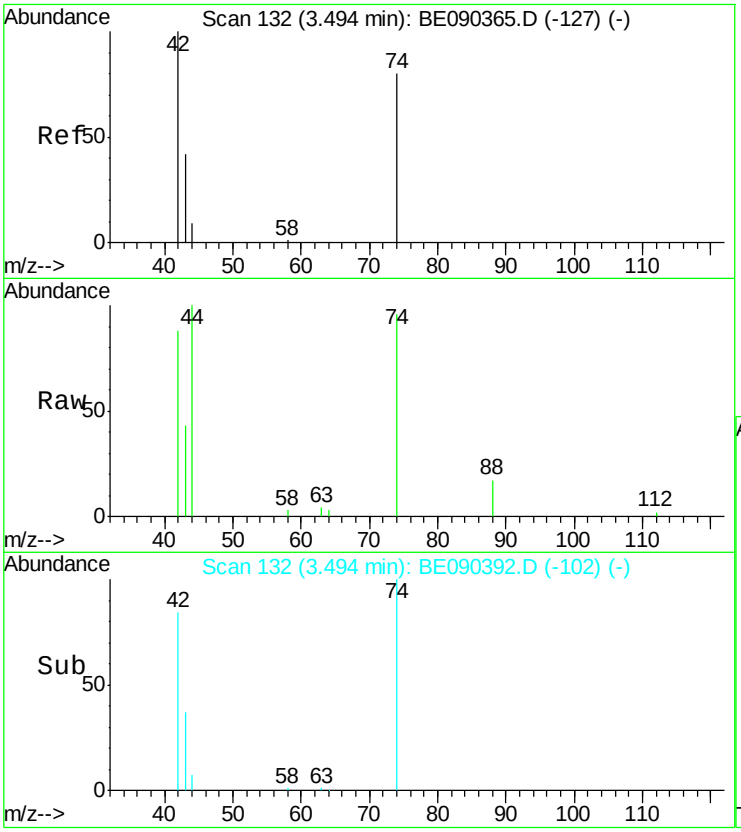


#2
1,4-Dioxane
Concen: 1.12 ng
RT: 3.20 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Tgt Ion: 88 Resp: 3147

Ion	Ratio	Lower	Upper
88	100		
58	84.0	70.0	105.0
43	32.3	28.4	42.6



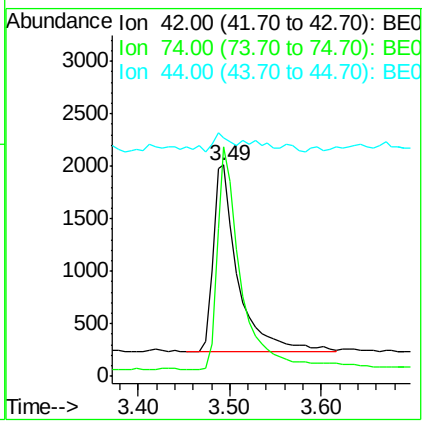


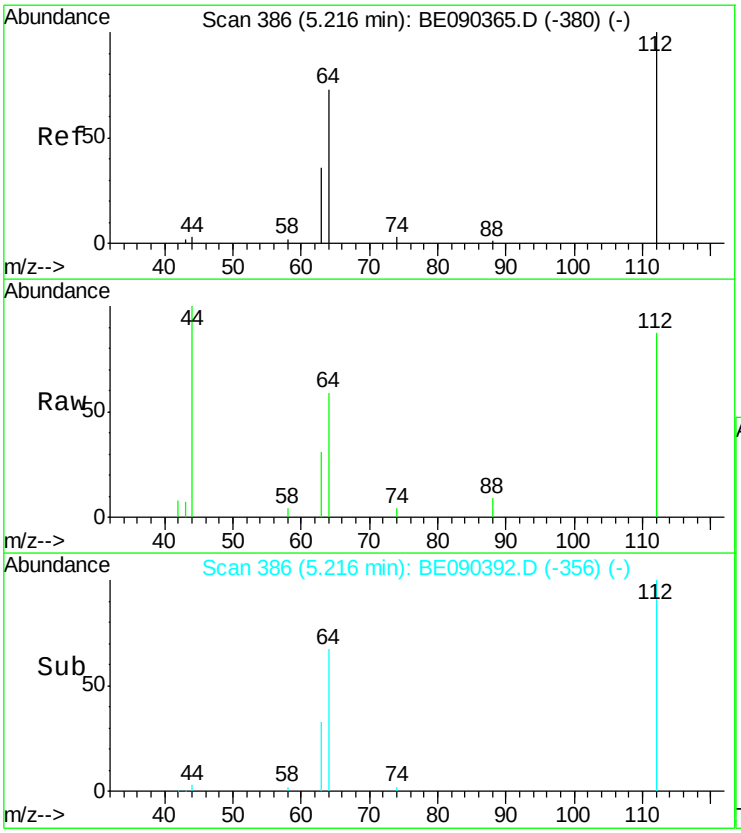
#3
n-Nitrosodimethylamine
Concen: 1.01 ng
RT: 3.49 min Scan# 132
Delta R.T. 0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 42 Resp: 3409

Ion	Ratio	Lower	Upper
42	100		
74	115.7	75.2	112.8#
44	6.8	8.7	13.1#

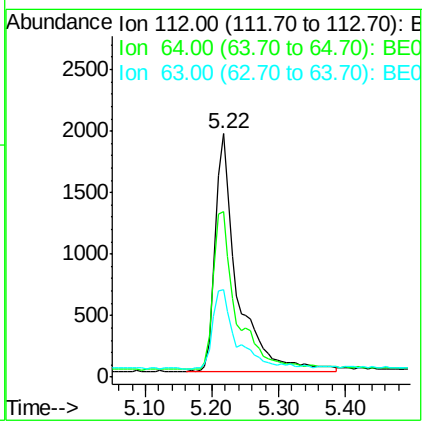


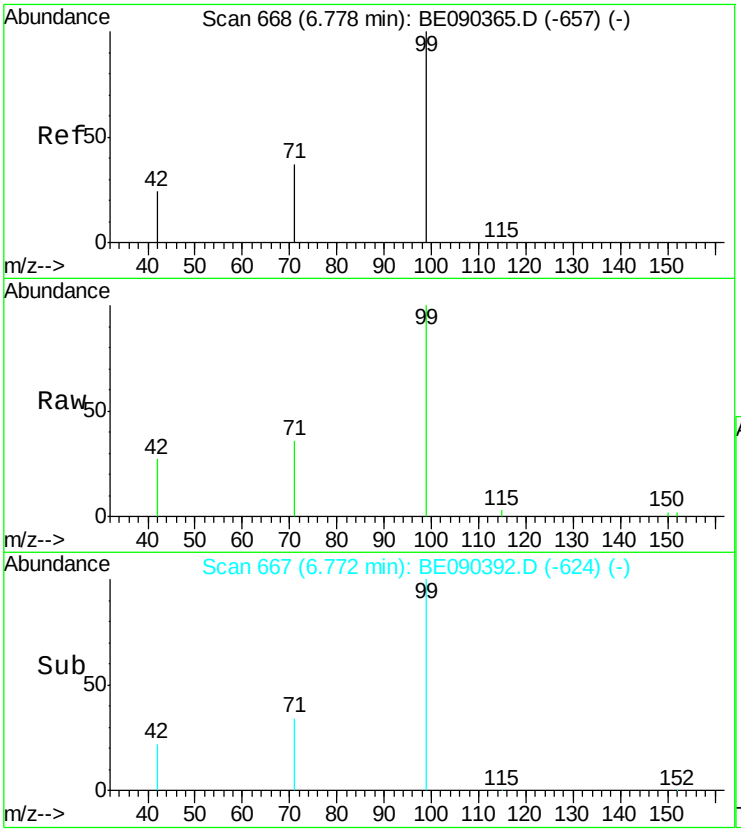


#4
2-Fluorophenol
Concen: 1.35 ng
RT: 5.22 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Tgt Ion:112 Resp: 4402

Ion	Ratio	Lower	Upper
112	100		
64	68.9	37.1	55.7#
63	36.2	19.5	29.3#



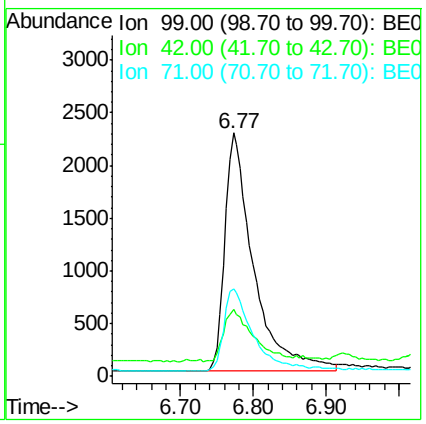


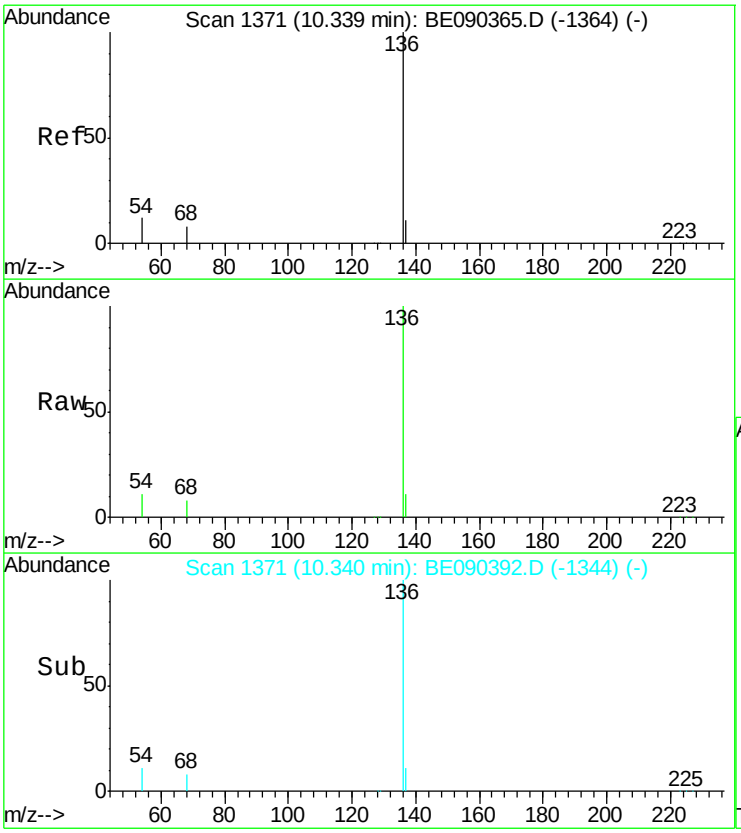
#5
Phenol-d6
Concen: 1.10 ng
RT: 6.77 min Scan# 667
Delta R.T. -0.01 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 99 Resp: 6237

Ion	Ratio	Lower	Upper
99	100		
42	22.6	18.2	27.4
71	34.5	27.4	41.0

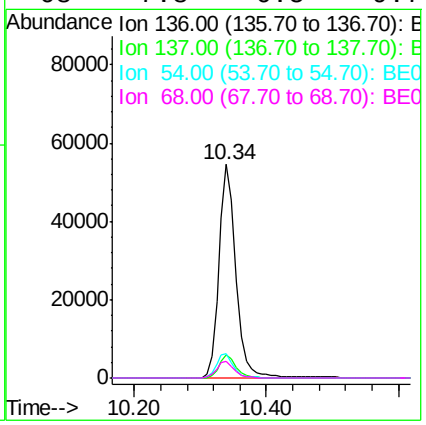


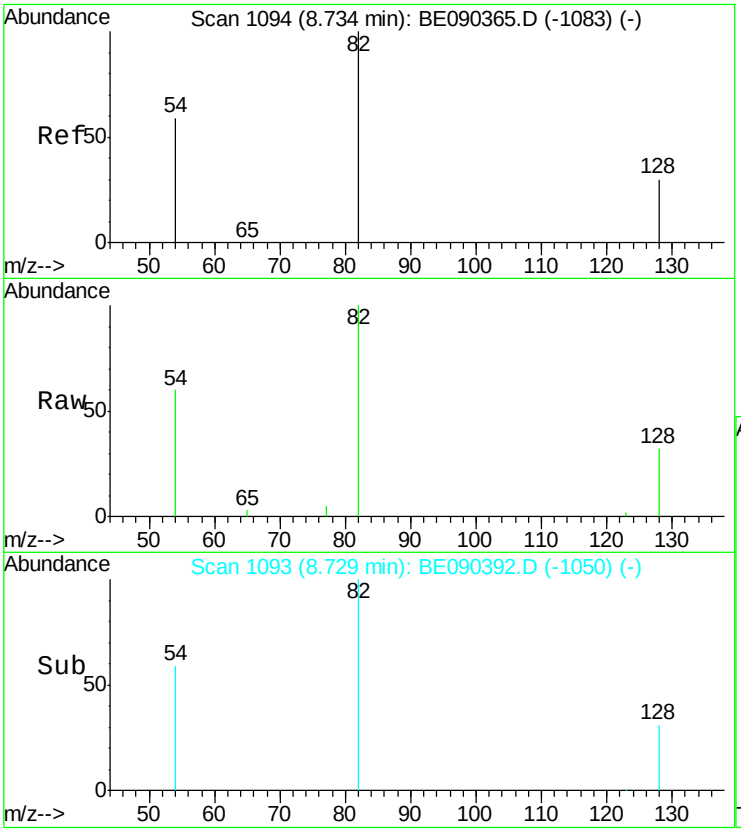


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Tgt Ion:136 Resp: 97209

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.3	9.4	14.0
68	7.8	6.5	9.7



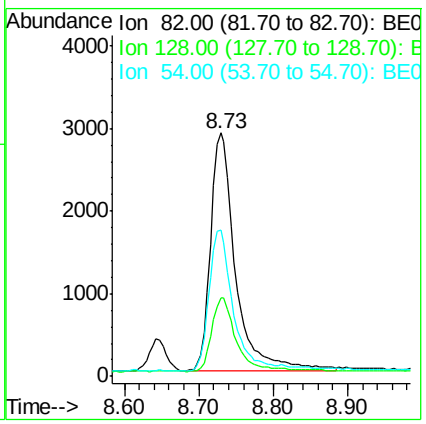


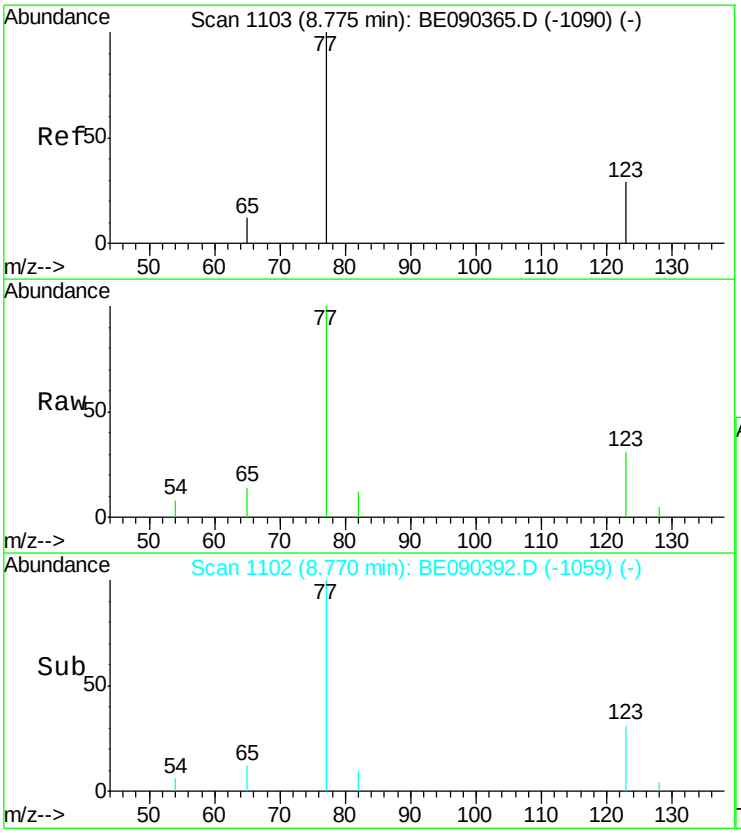
#7
Nitrobenzene-d5
Concen: 1.01 ng
RT: 8.73 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 82 Resp: 6669

Ion	Ratio	Lower	Upper
82	100		
128	32.0	25.0	37.6
54	60.0	48.8	73.2

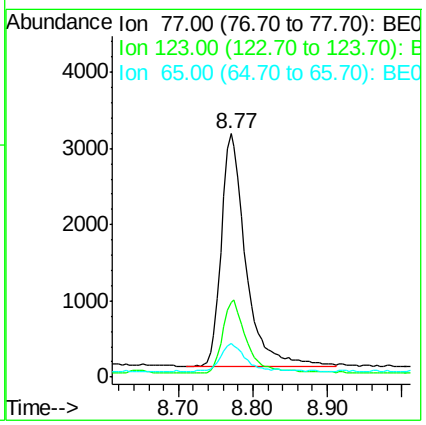


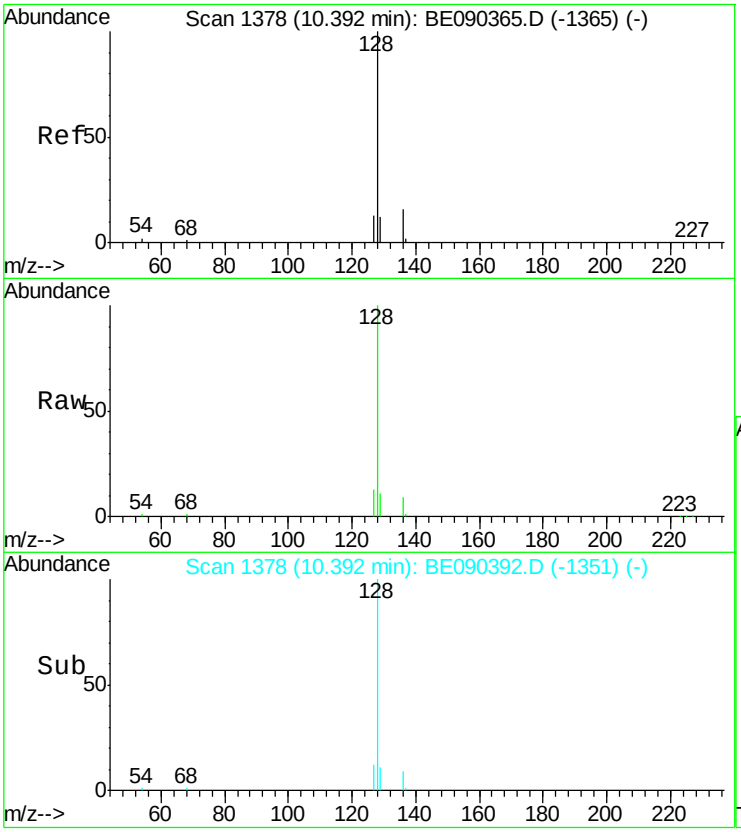


#8
Nitrobenzene
Concen: 1.00 ng
RT: 8.77 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Tgt Ion: 77 Resp: 7024

Ion	Ratio	Lower	Upper
77	100		
123	30.9	25.1	37.7
65	12.0	9.3	13.9



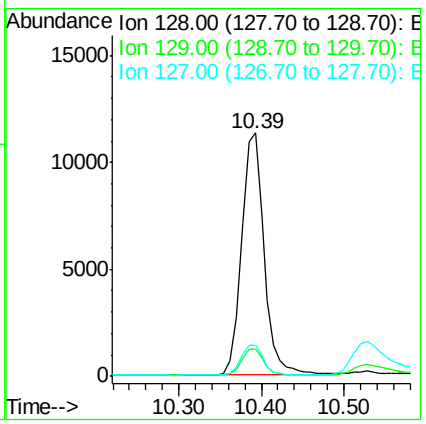


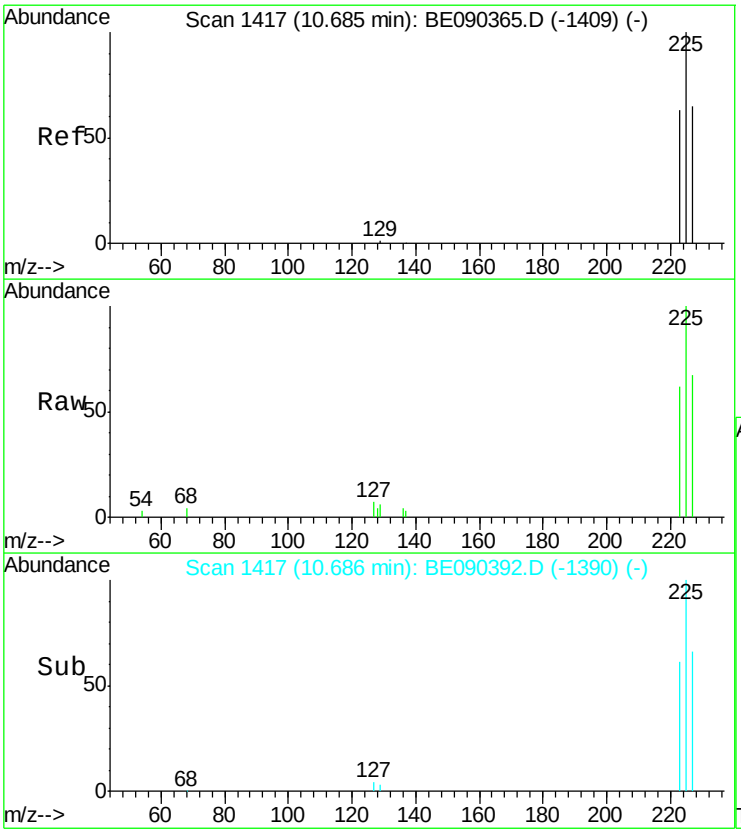
#9
Naphthalene
Concen: 1.00 ng
RT: 10.39 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:128 Resp: 21467

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.8	14.6
127	12.8	10.6	16.0

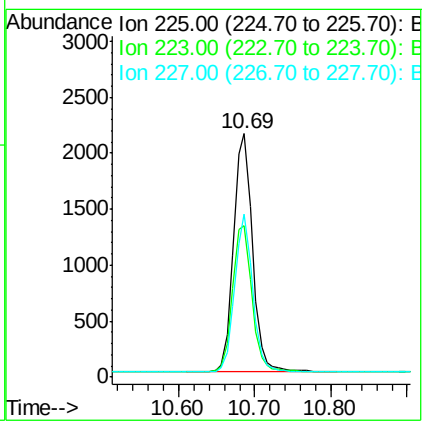


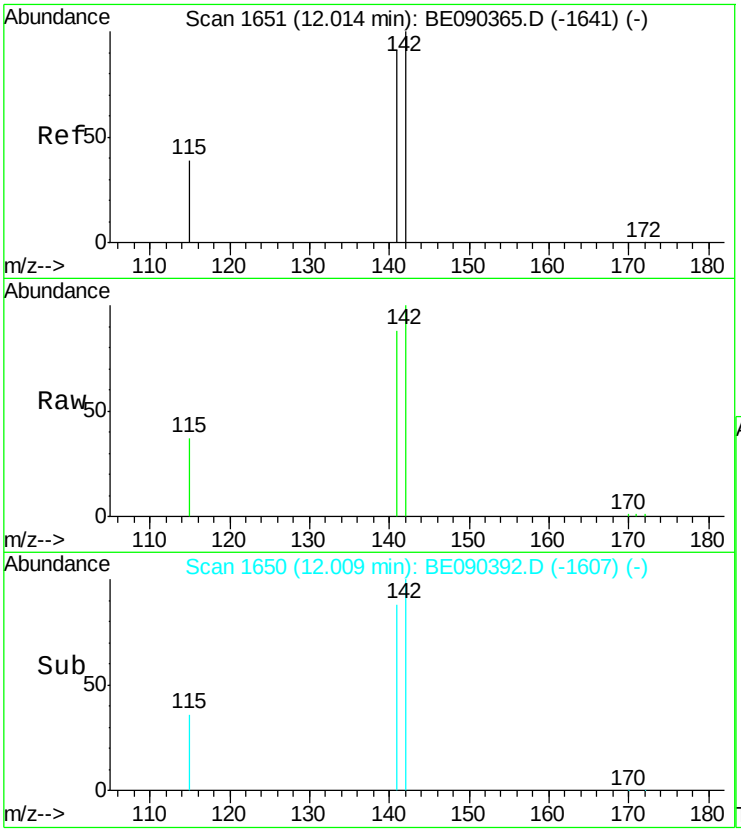


#10
Hexachlorobutadiene
Concen: 1.08 ng
RT: 10.69 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Tgt Ion:225 Resp: 3693

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	75.8
227	63.2	50.7	76.1



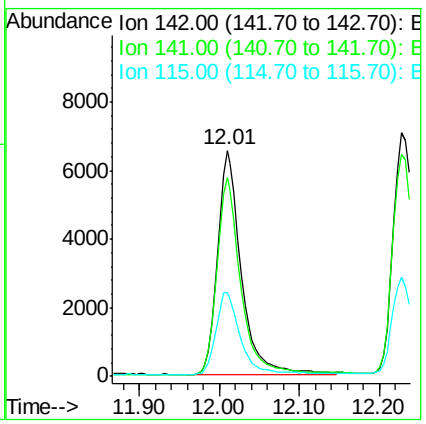


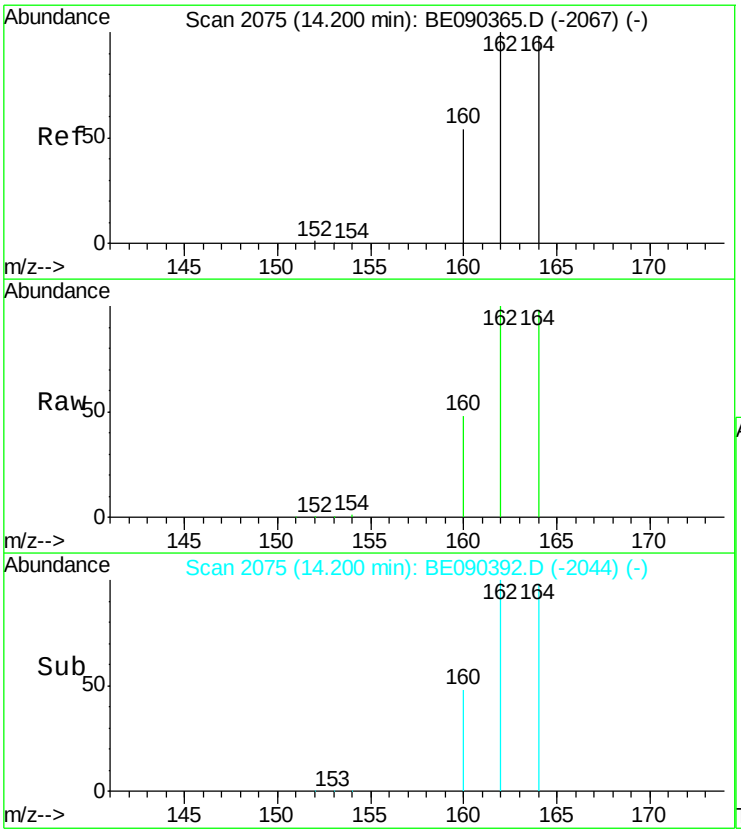
#11
2-Methylnaphthalene
Concen: 1.07 ng
RT: 12.01 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:142 Resp: 13372

Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.6	109.0
115	37.0	31.6	47.4

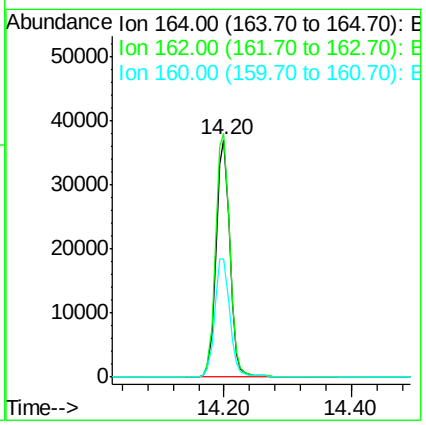


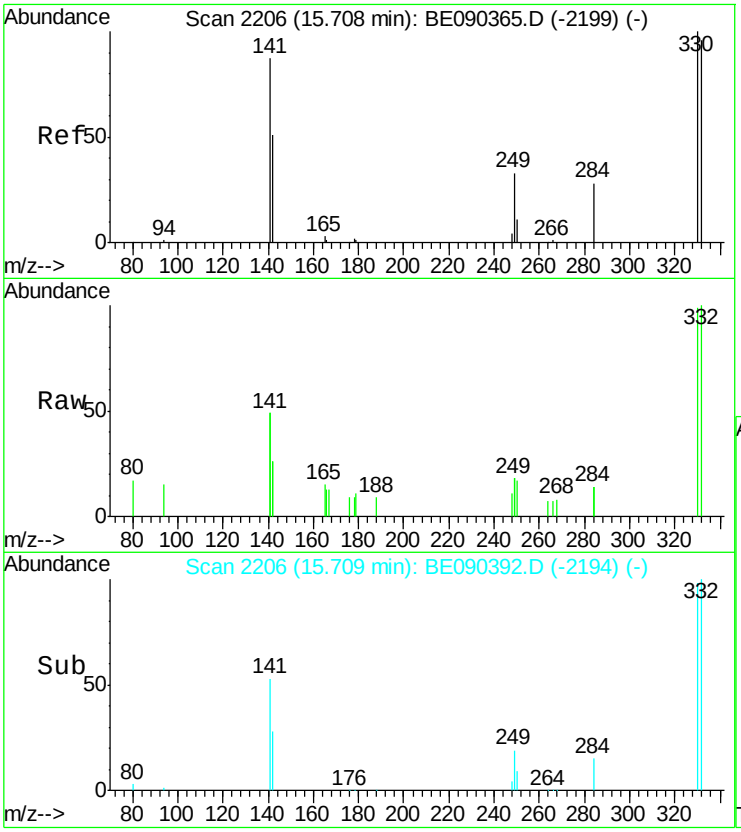


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Tgt Ion:164 Resp: 55301

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.8	122.8
160	49.7	44.2	66.4



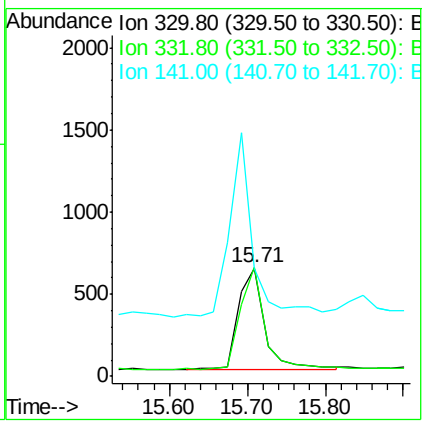


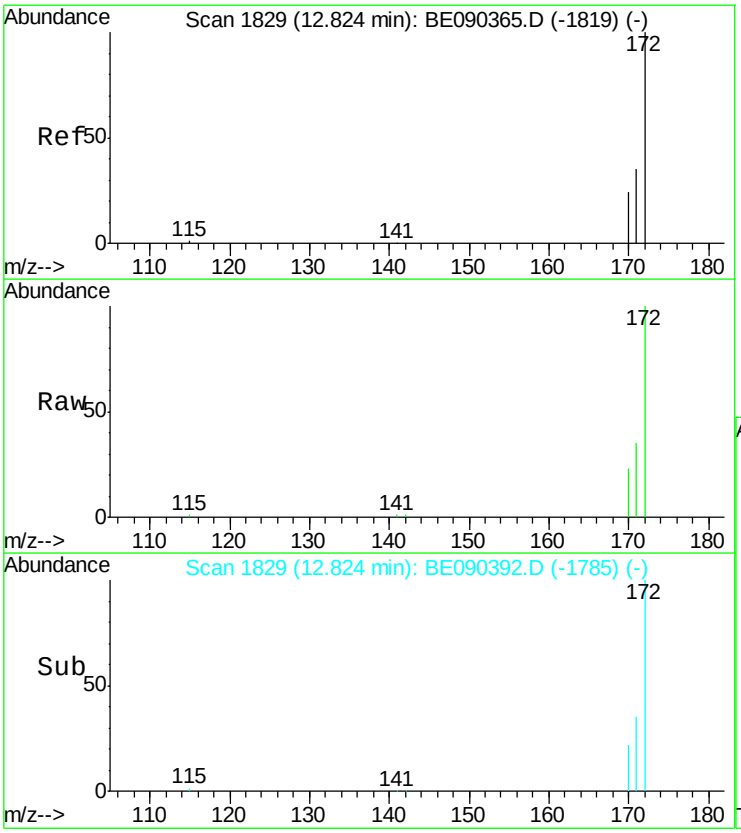
#13
2,4,6-Tribromophenol
Concen: 1.46 ng
RT: 15.71 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:330 Resp: 1433

Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.8	113.6
141	160.4	114.4	171.6

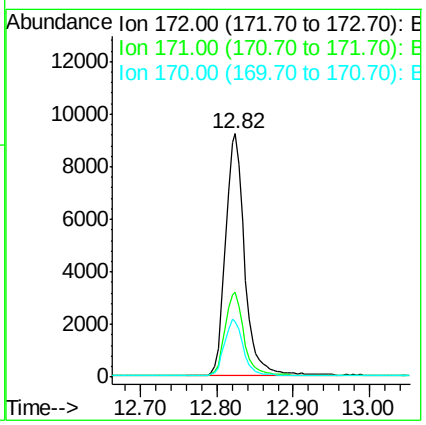


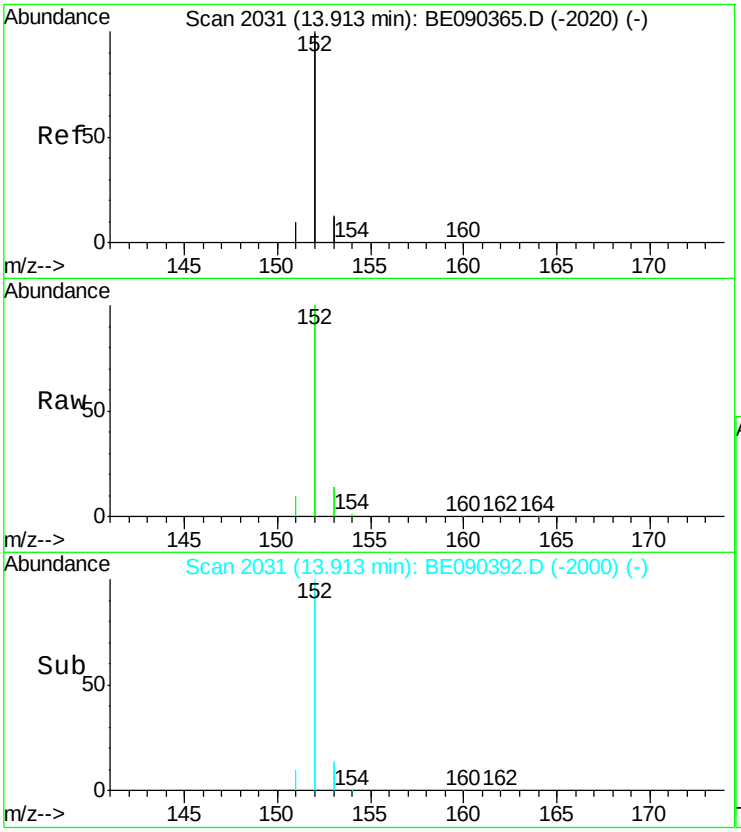


#14
2-Fluorobiphenyl
Concen: 1.06 ng
RT: 12.82 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Tgt Ion:172 Resp: 16165

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	22.7	19.8	29.8



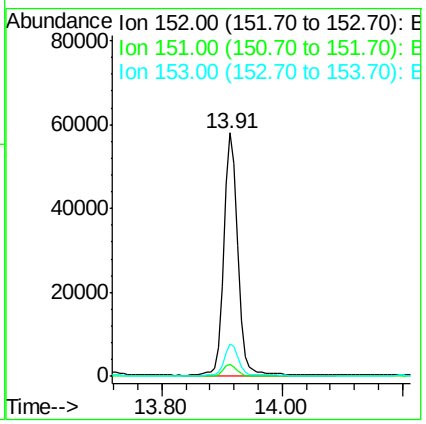


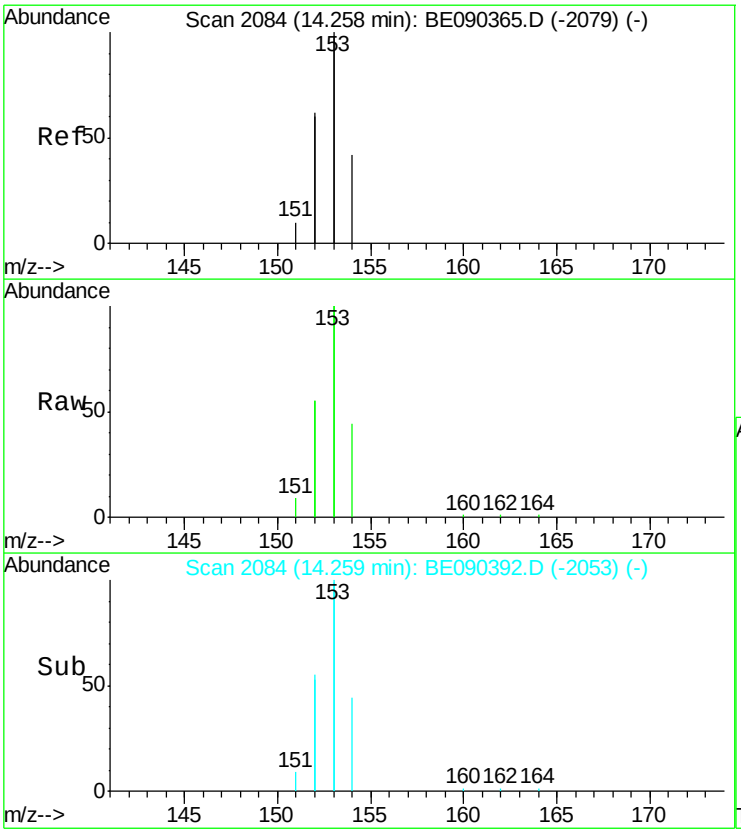
#15
Acenaphthylene
Concen: 1.06 ng
RT: 13.91 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 95080

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.8	5.8
153	13.0	10.3	15.5

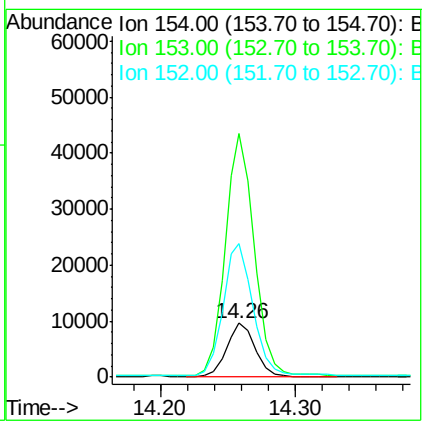


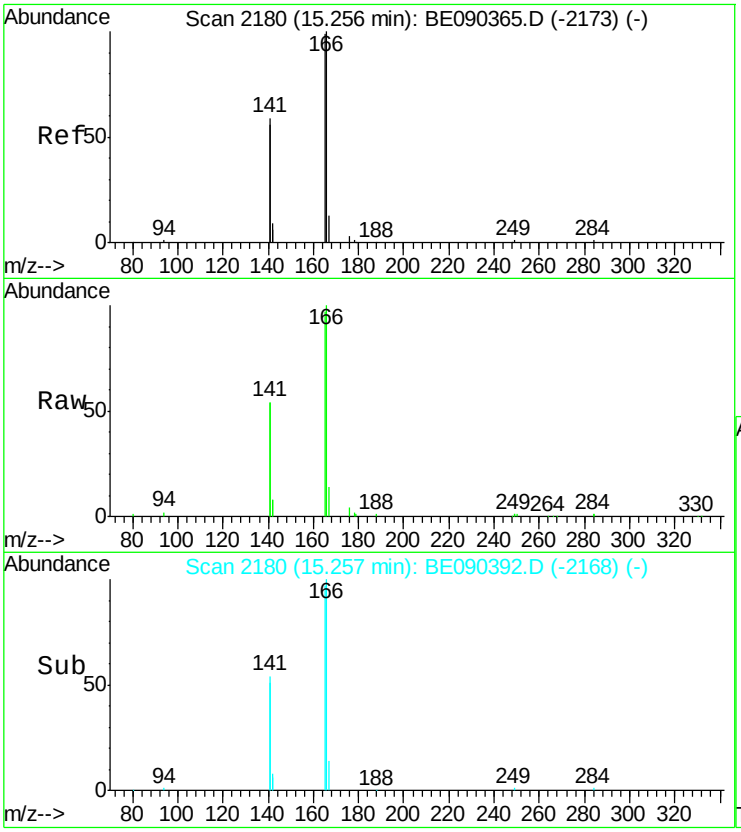


#16
Acenaphthene
Concen: 1.01 ng
RT: 14.26 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Tgt Ion:154 Resp: 14034

Ion	Ratio	Lower	Upper
154	100		
153	464.4	376.2	564.2
152	261.5	235.0	352.4



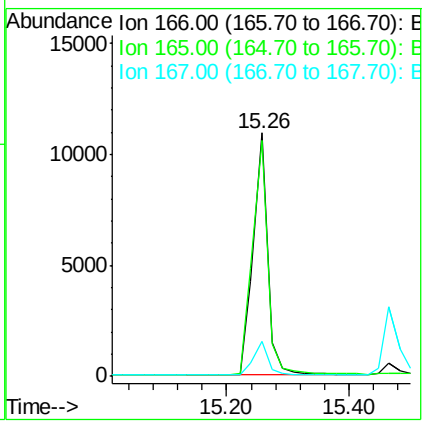


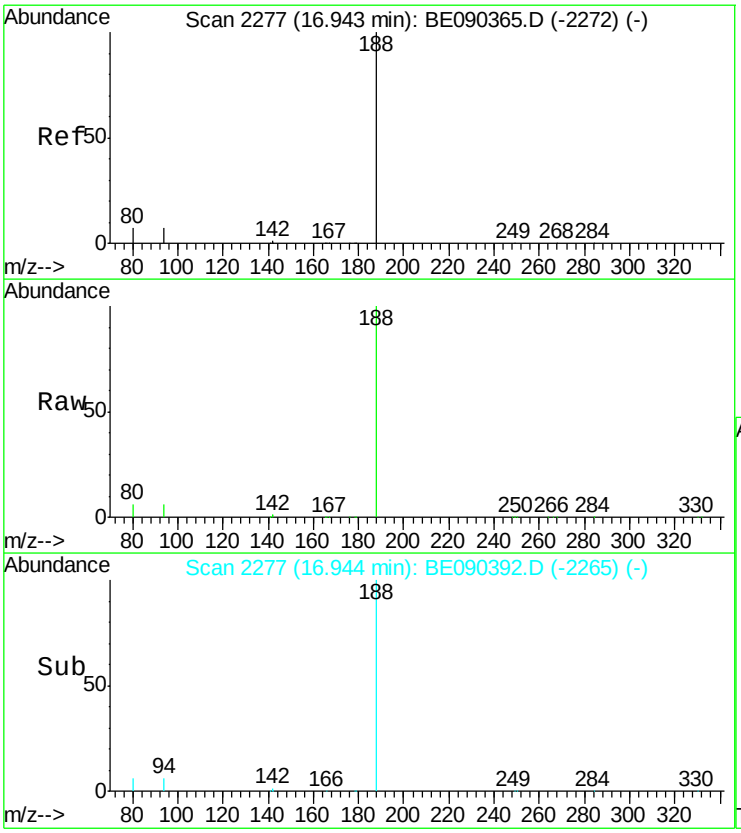
#17
Fluorene
Concen: 1.00 ng
RT: 15.26 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:166 Resp: 18079

Ion	Ratio	Lower	Upper
166	100		
165	101.9	81.5	122.3
167	14.5	11.4	17.0

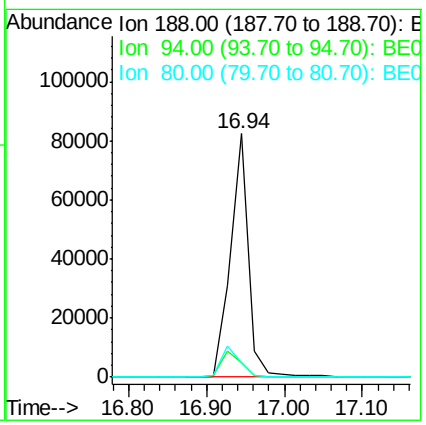


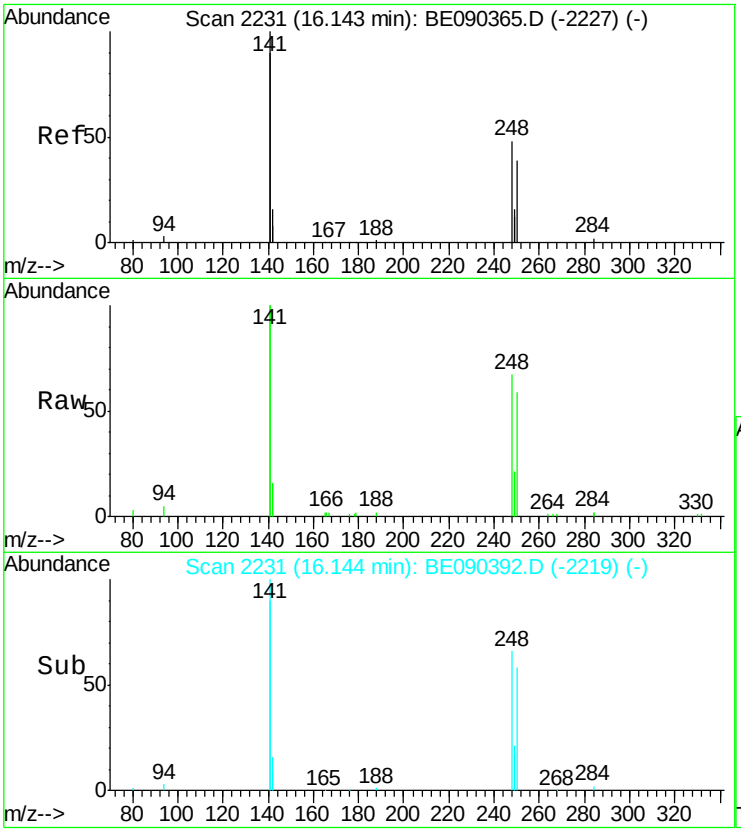


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Tgt Ion:188 Resp: 131596

Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.7	8.5
80	6.0	5.8	8.8



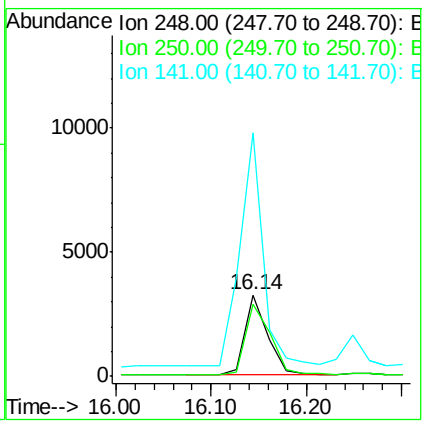


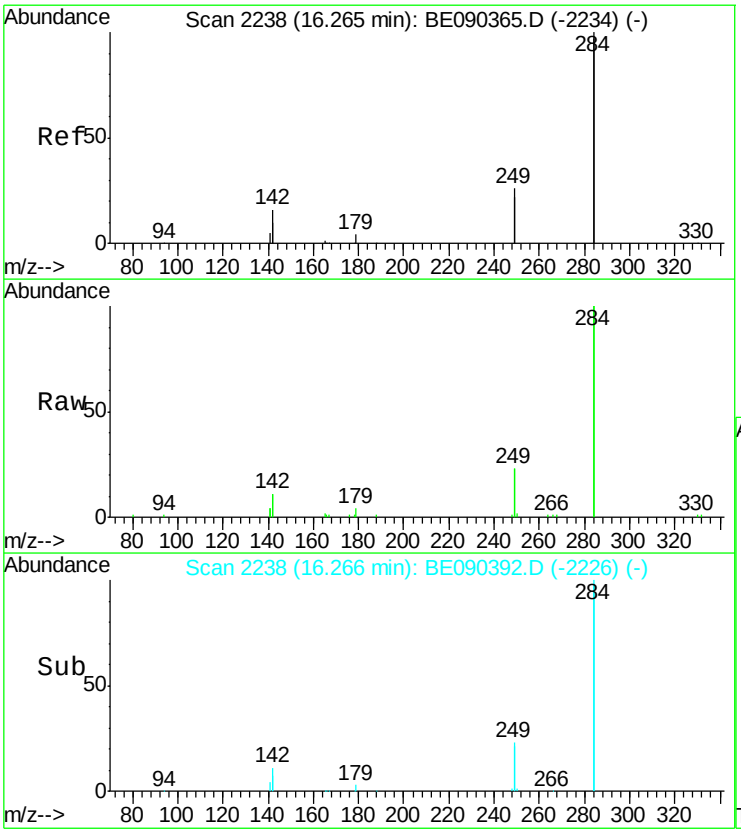
#19
4-Bromophenyl-phenylether
Concen: 1.05 ng
RT: 16.14 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:248 Resp: 5390

Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.0	118.6
141	295.5	239.5	359.3

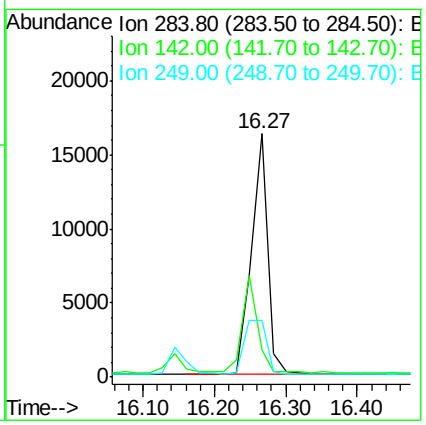


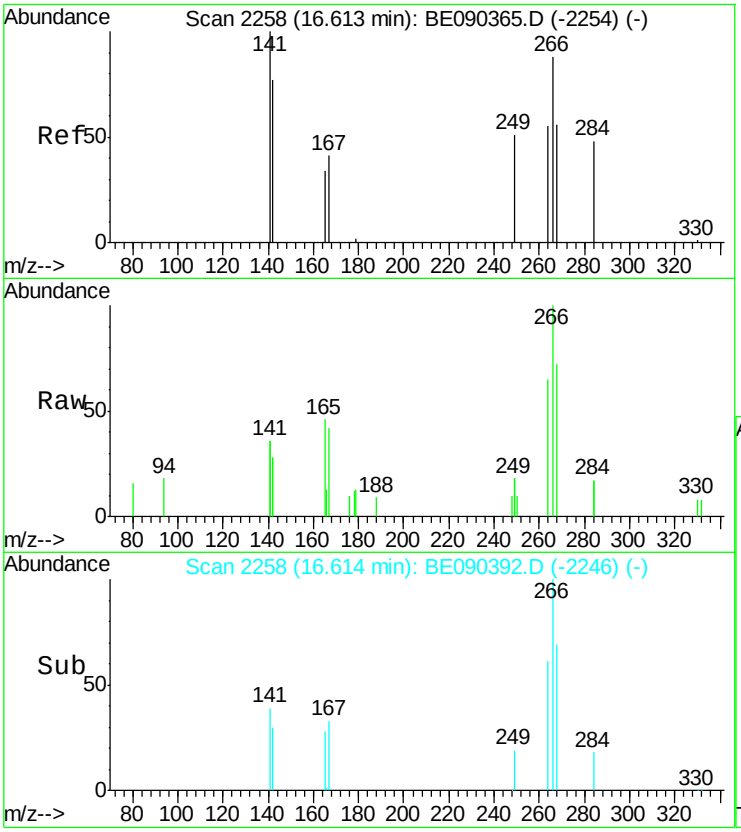


#20
Hexachlorobenzene
Concen: 0.98 ng
RT: 16.27 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Tgt Ion:284 Resp: 25845

Ion	Ratio	Lower	Upper
284	100		
142	37.3	30.1	45.1
249	30.7	25.7	38.5



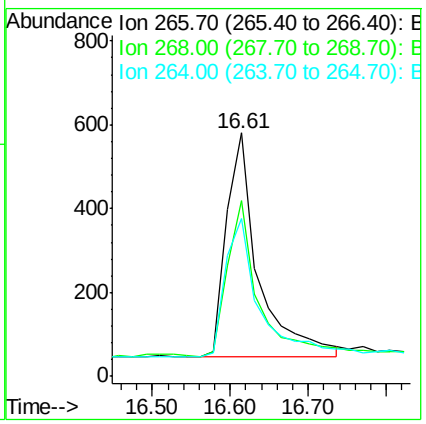


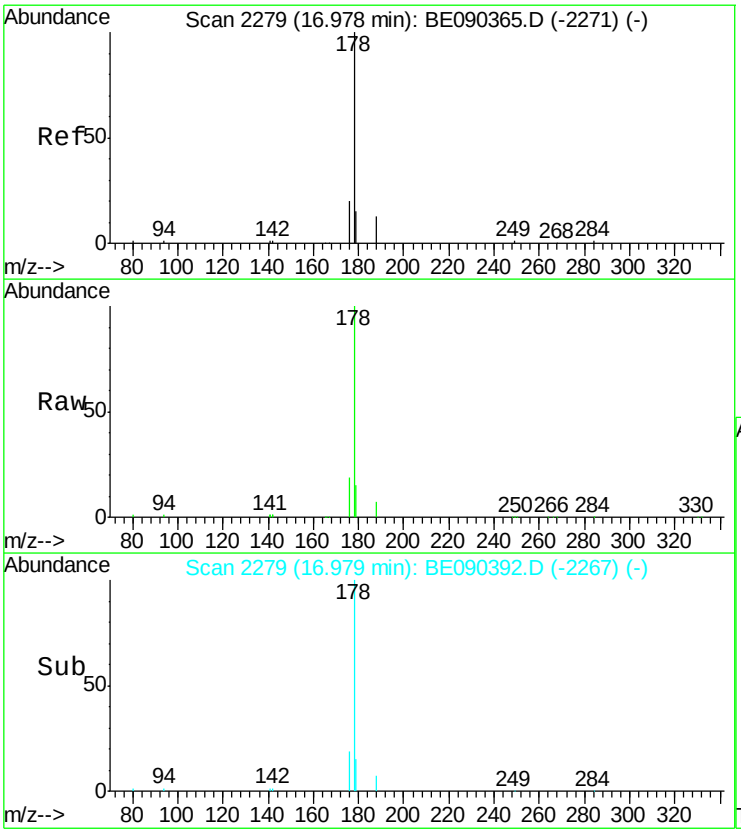
#21
Pentachlorophenol
Concen: 1.56 ng
RT: 16.61 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:266 Resp: 1515

Ion	Ratio	Lower	Upper
266	100		
268	72.1	58.5	87.7
264	65.1	56.0	84.0

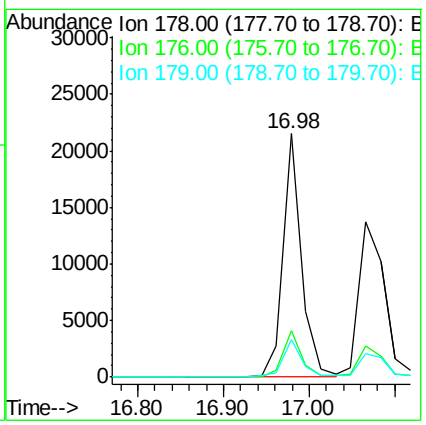


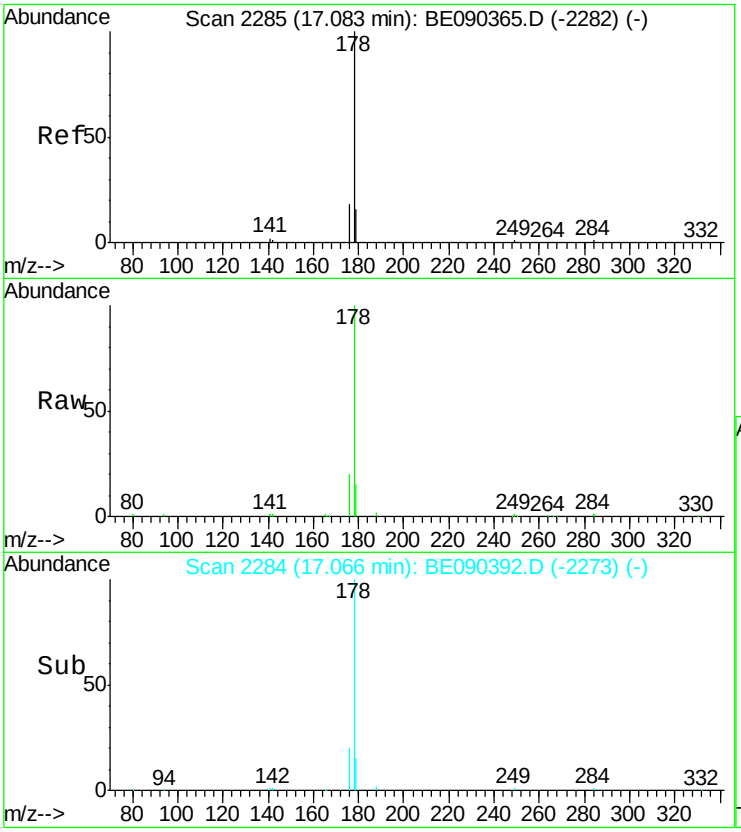


#22
Phenanthrene
Concen: 0.98 ng
RT: 16.98 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Tgt Ion:178 Resp: 32182

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.5	12.5	18.7



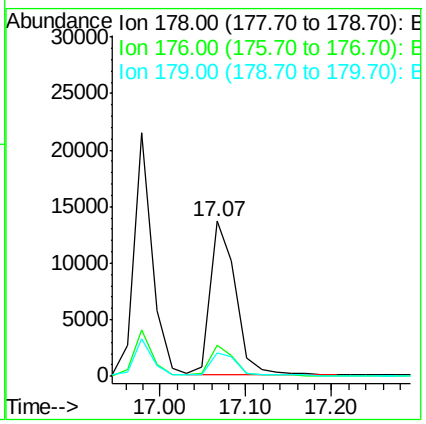


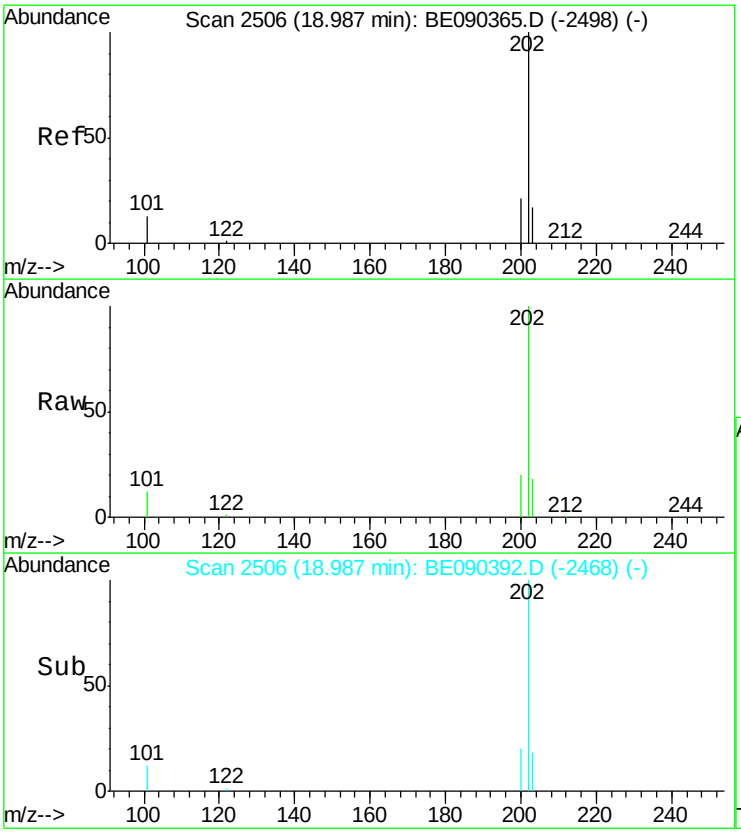
#23
Anthracene
Concen: 1.03 ng
RT: 17.07 min Scan# 2284
Delta R.T. -0.02 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:178 Resp: 27985

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.1	12.2	18.4

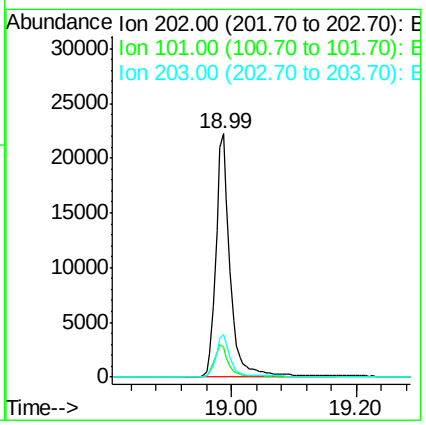


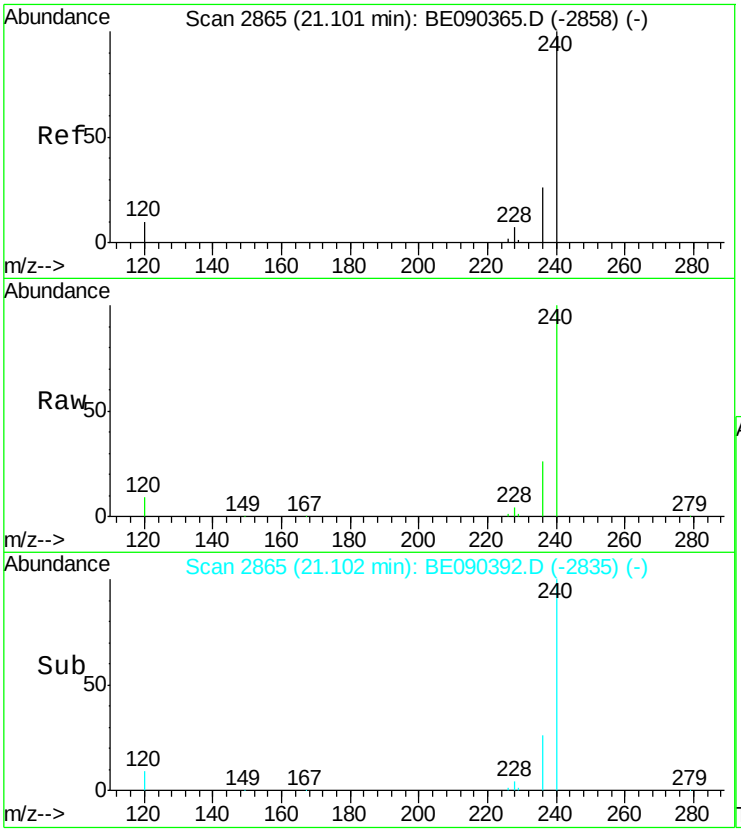


#24
Fluoranthene
Concen: 1.07 ng
RT: 18.99 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Tgt Ion:202 Resp: 34697

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.3	15.5
203	17.2	13.7	20.5



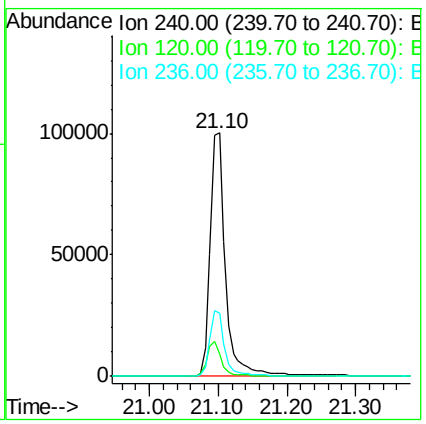


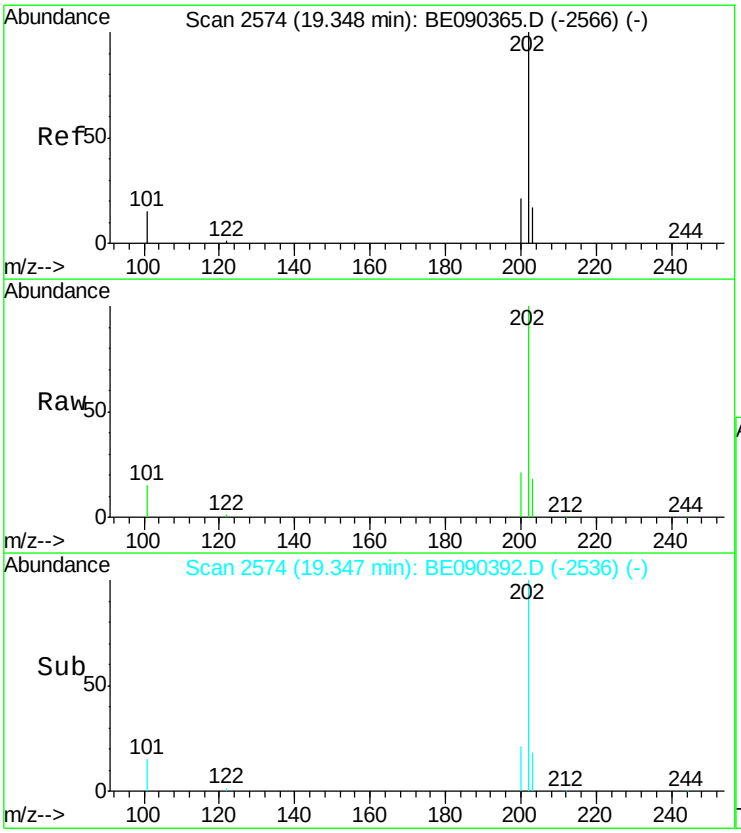
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.10 min Scan# 2865
Delta R.T. 0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:240 Resp: 155783

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.3	12.5
236	26.0	21.0	31.4

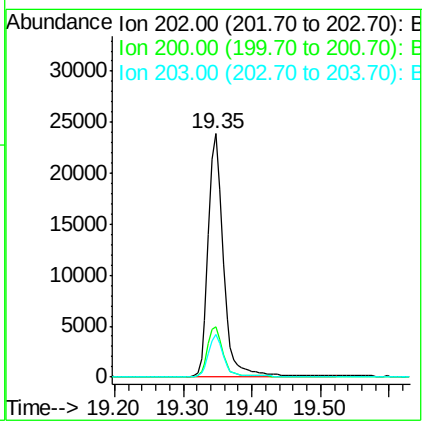


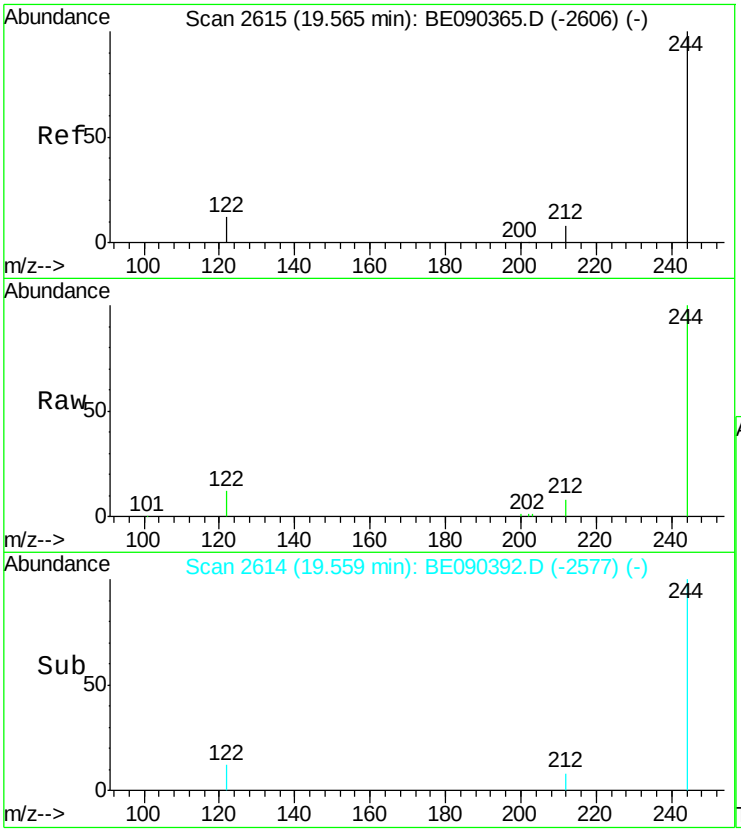


#26
Pyrene
Concen: 1.06 ng
RT: 19.35 min Scan# 2574
Delta R.T. -0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Tgt Ion:202 Resp: 35916

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.2	13.8	20.8



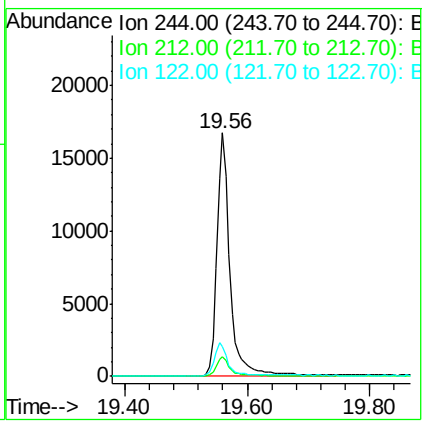


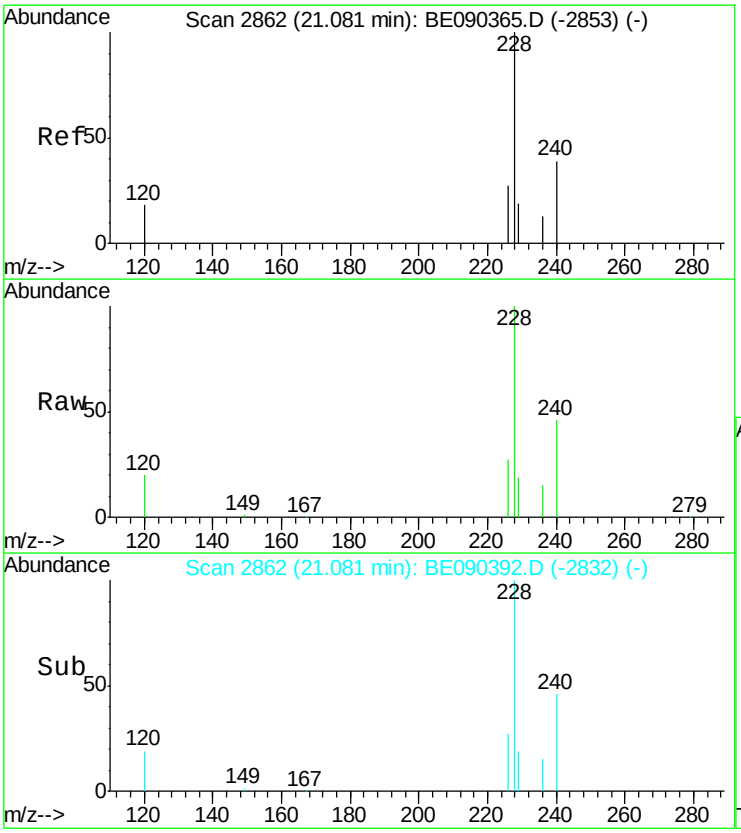
#27
Terphenyl-d14
Concen: 1.08 ng
RT: 19.56 min Scan# 2614
Delta R.T. -0.01 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:244 Resp: 24697

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	9.8
122	12.5	10.2	15.4

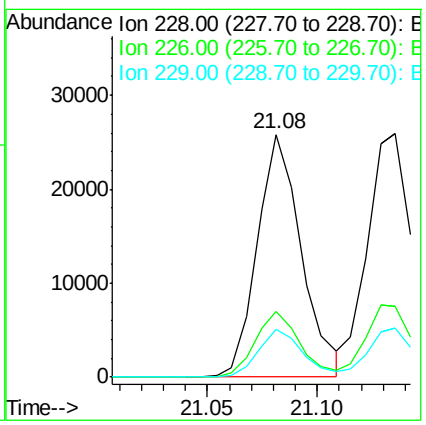


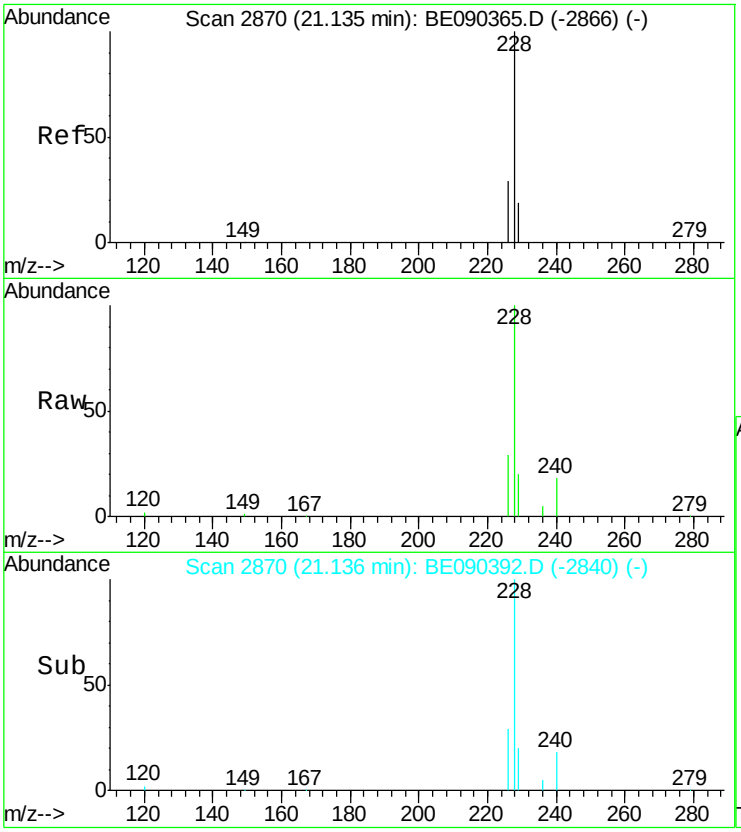


#28
Benzo(a)anthracene
Concen: 1.04 ng
RT: 21.08 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Tgt Ion:228 Resp: 35858

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.9	32.9
229	19.5	15.4	23.0



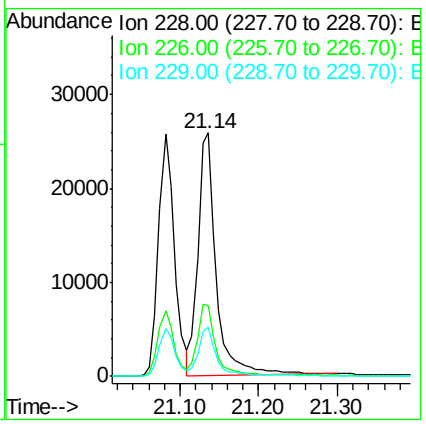


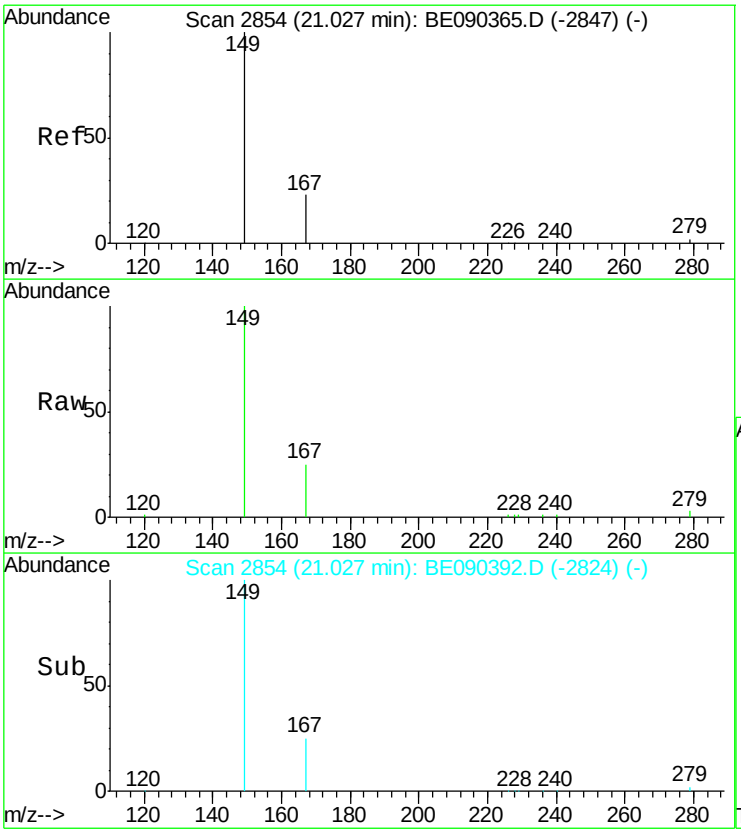
#29
Chrysene
Concen: 1.00 ng
RT: 21.14 min Scan# 2870
Delta R.T. 0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:228 Resp: 41808

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.1	34.7
229	20.2	15.8	23.8

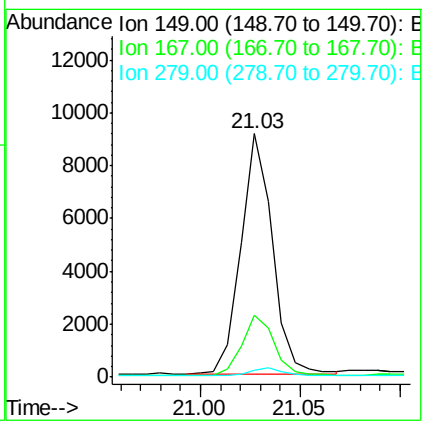


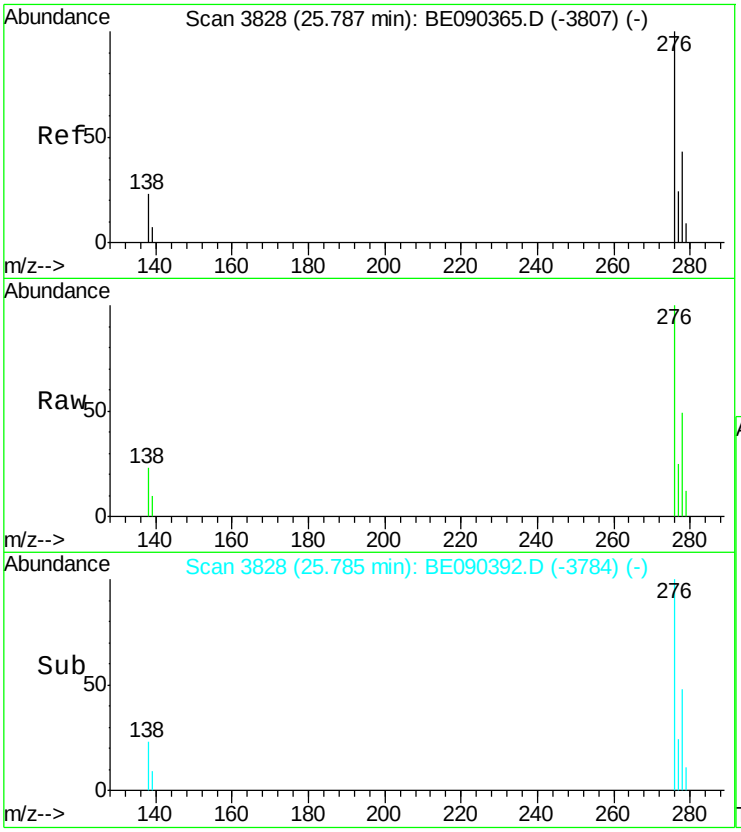


#30
Bis(2-ethylhexyl)phthalate
Concen: 1.21 ng
RT: 21.03 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Tgt Ion:149 Resp: 9984

Ion	Ratio	Lower	Upper
149	100		
167	25.3	19.8	29.8
279	3.4	2.4	3.6



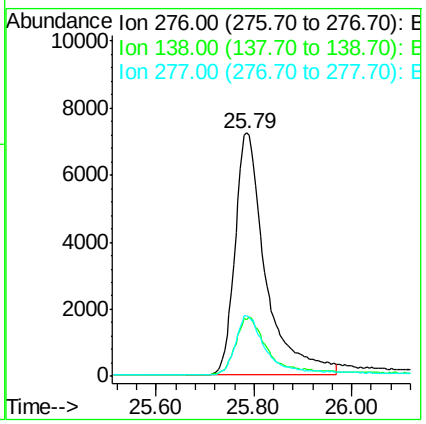


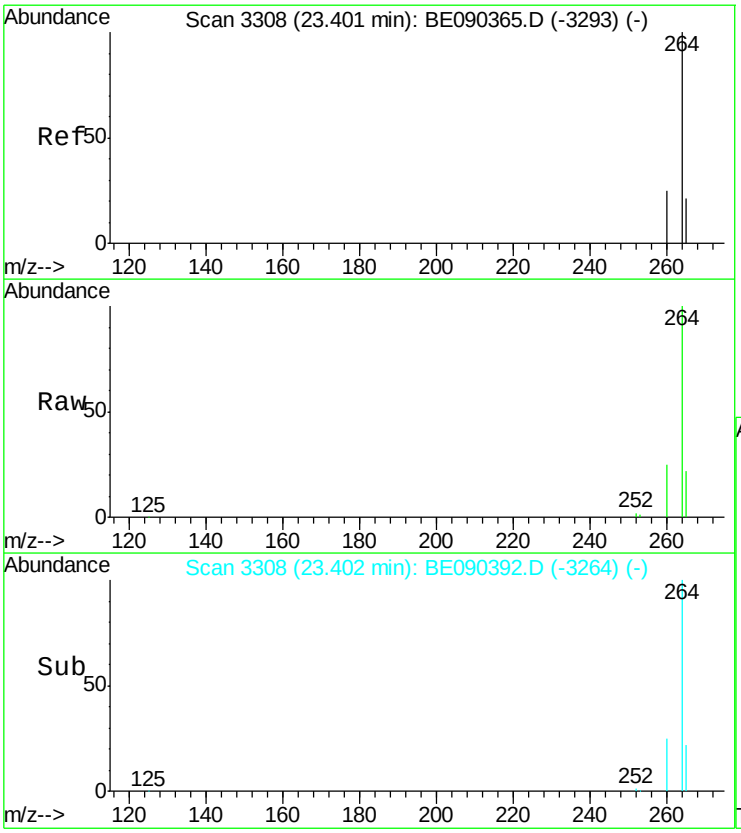
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.05 ng
RT: 25.79 min Scan# 3828
Delta R.T. -0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 31448

Ion	Ratio	Lower	Upper
276	100		
138	24.5	18.8	28.2
277	24.2	18.2	27.4

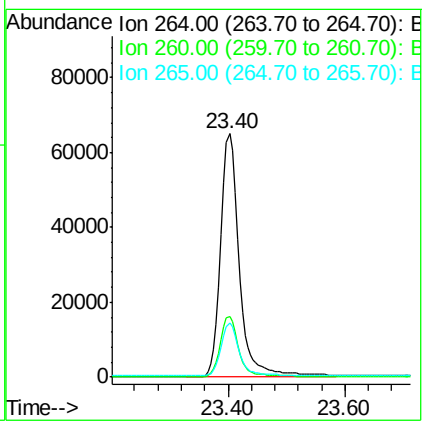


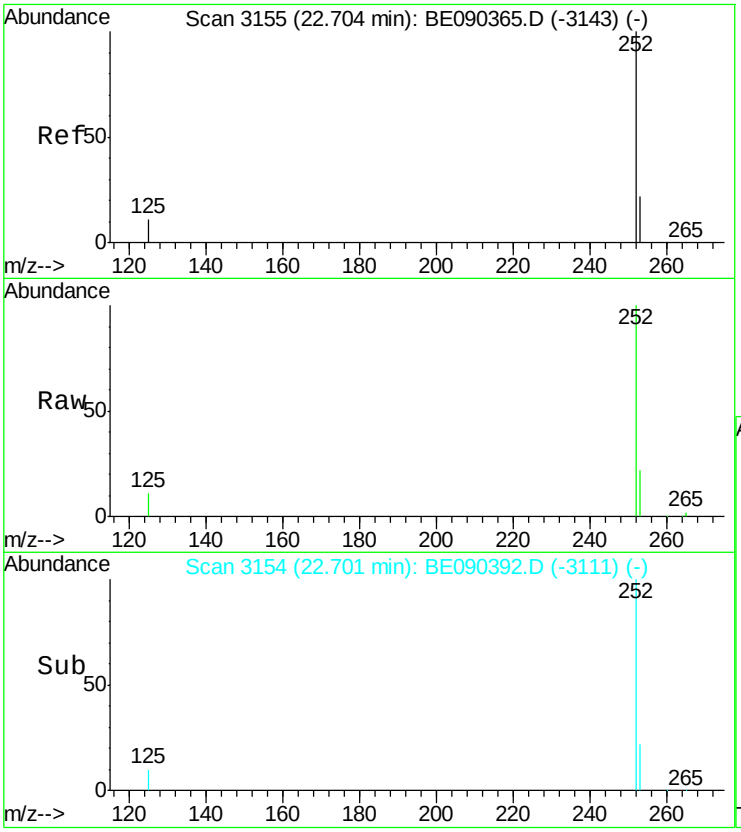


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. 0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Tgt Ion:264 Resp: 143444

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	22.1	17.2	25.8



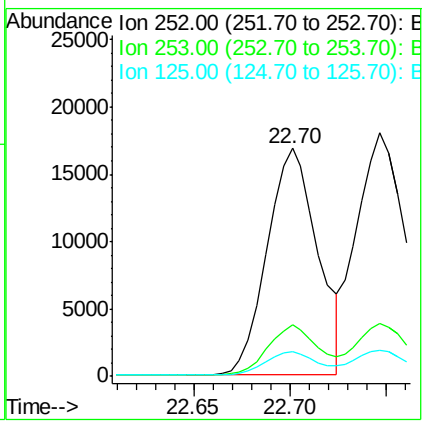


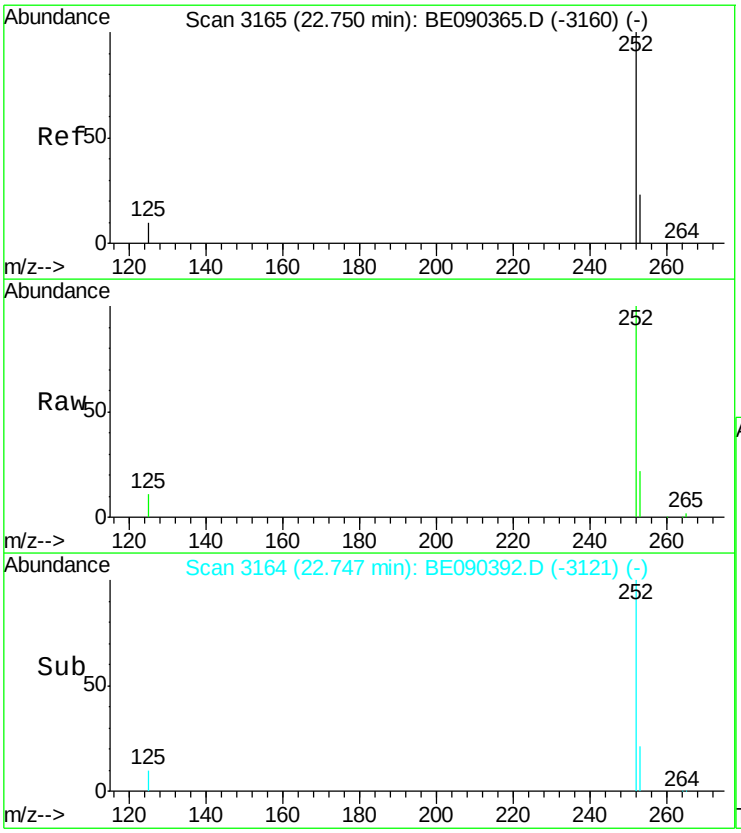
#33
Benzo(b)fluoranthene
Concen: 1.11 ng
RT: 22.70 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 30772

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	10.9	9.4	14.2

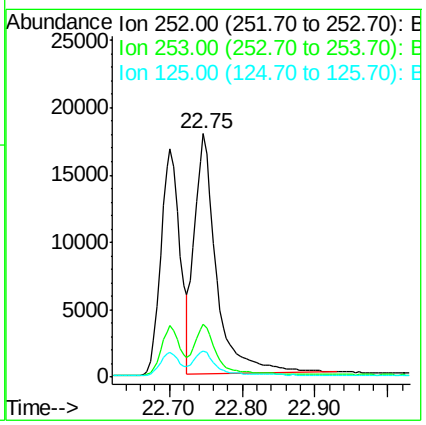


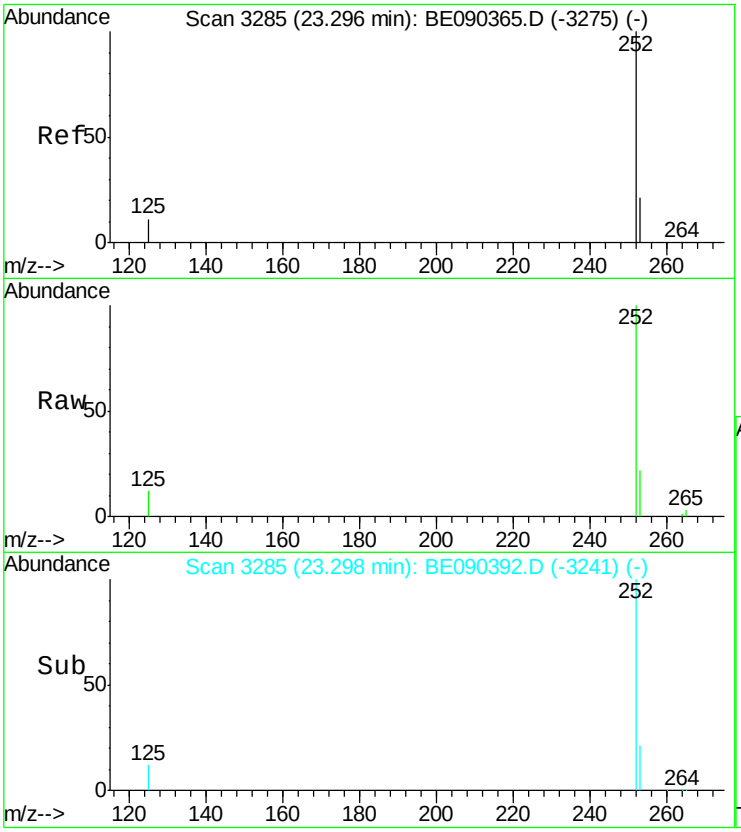


#34
Benzo(k)fluoranthene
Concen: 0.94 ng
RT: 22.75 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Tgt Ion:252 Resp: 37599

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	10.8	9.1	13.7



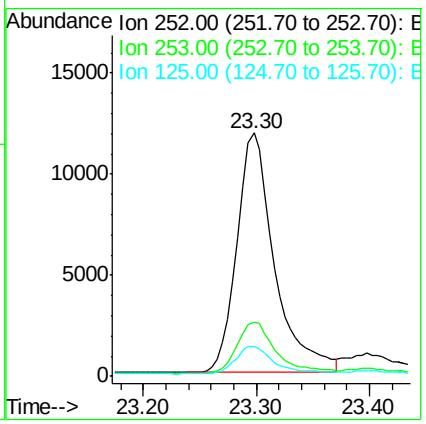


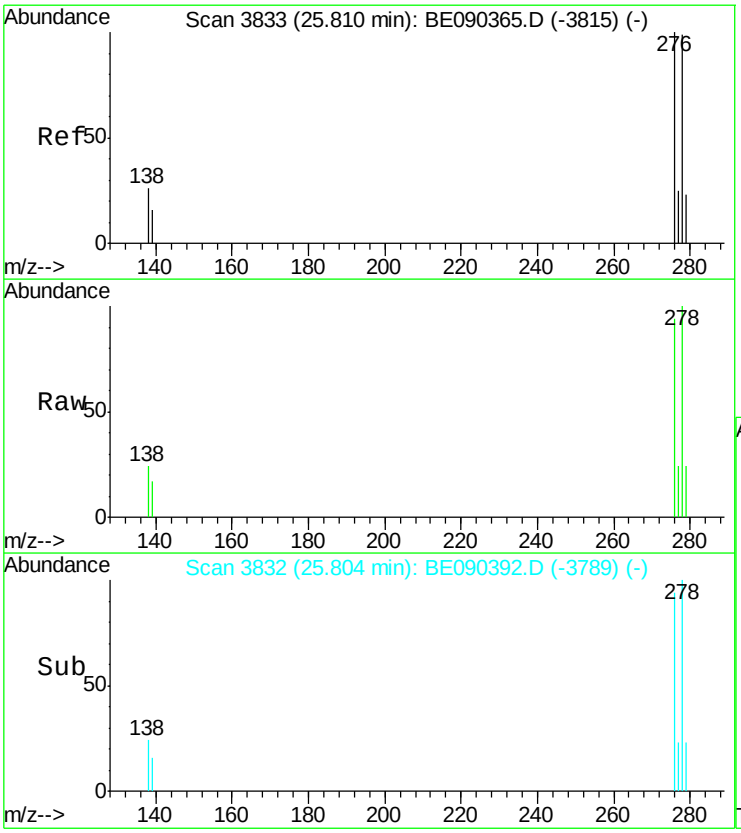
#35
Benzo(a)pyrene
Concen: 1.07 ng
RT: 23.30 min Scan# 3285
Delta R.T. 0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 26974

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	12.4	9.8	14.6

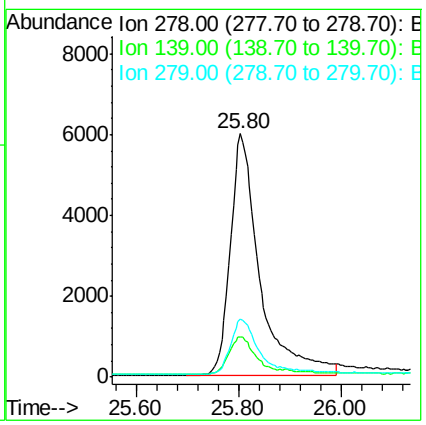


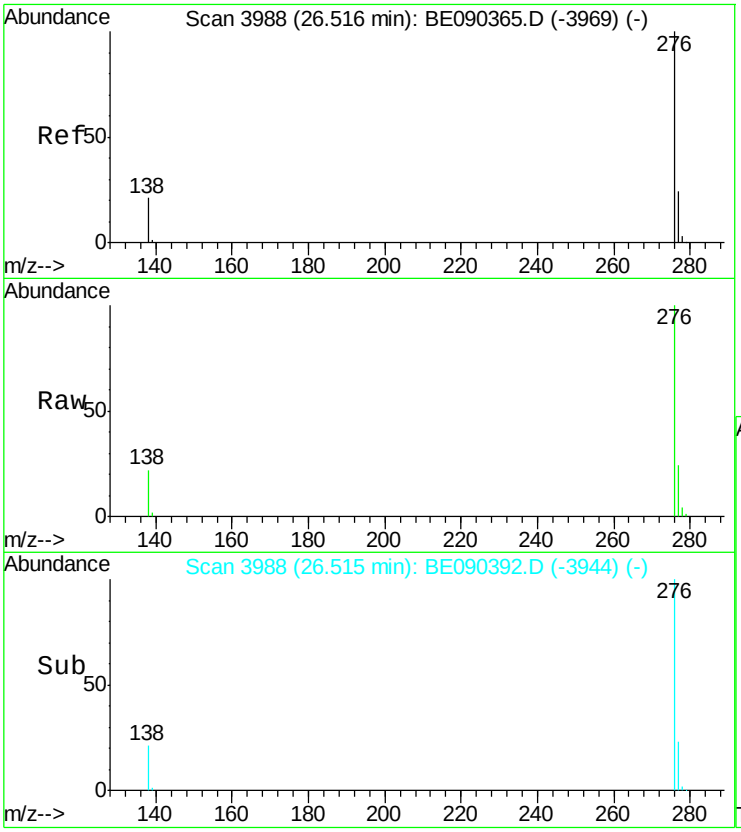


#36
Dibenzo(a,h)anthracene
Concen: 1.04 ng
RT: 25.80 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Tgt Ion:278 Resp: 24077

Ion	Ratio	Lower	Upper
278	100		
139	16.5	14.2	21.4
279	23.7	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 1.10 ng
RT: 26.51 min Scan# 3988
Delta R.T. -0.00 min
Lab File: BE090392.D
Acq: 6 Aug 2015 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 29068

Ion	Ratio	Lower	Upper
276	100		
277	23.7	20.1	30.1
138	21.8	18.1	27.1