Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080715\
Data File : BE090402.D
Acq On : 7 Aug 2015 17:52
Operator : TP/UM
Sample : PB84793BSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB84793BSD

Quant Time: Aug 07 23:05:05 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	22129	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	102894	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	60417	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	140452	5.00	ng	0.00
25) Chrysene-d12	21.09	240	181273	5.00	ng	0.00
32) Perylene-d12	23.40	264	150300	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	27310	8.23	ng	0.00
5) Phenol-d6	6.76	99	46578	6.51	ng	-0.01
7) Nitrobenzene-d5	8.72	82	32266	3.90	ng	-0.01
13) 2,4,6-Tribromophenol	15.69	330	10149	6.17	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	73450	4.42	ng	0.00
27) Terphenyl-d14	19.55	244	125306	4.69	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	11215	4.28	ng	98
3) n-Nitrosodimethylamine	3.49	42	14123	4.13	ng	95
8) Nitrobenzene	8.77	77	33914	3.84	ng	97
9) Naphthalene	10.38	128	89160	3.92	ng	98
10) Hexachlorobutadiene	10.68	225	15063	4.38	ng	99
11) 2-Methylnaphthalene	12.00	142	58287	4.42	ng	98
15) Acenaphthylene	13.91	152	416765	4.26	ng	100
16) Acenaphthene	14.26	154	62458	4.11	ng	91
17) Fluorene	15.26	166	84317	4.27	ng	97
19) 4-Bromophenyl-phenylether	16.14	248	23995	4.39	ng	97
20) Hexachlorobenzene	16.27	284	109879	3.89	ng	99
21) Pentachlorophenol	16.60	266	15617	7.35	ng	90
22) Phenanthrene	16.98	178	146728	4.17	ng	100
23) Anthracene	17.07	178	141005	4.88	ng	100
24) Fluoranthene	18.98	202	167779	4.85	ng	100
26) Pyrene	19.34	202	185316	4.72	ng	99
28) Benzo(a)anthracene	21.08	228	181118	4.51	ng	99
29) Chrysene	21.14	228	195964	4.04	ng	100
30) Bis(2-ethylhexyl)phthalate	21.03	149	48145	3.70	ng	99
31) Indeno(1,2,3-cd)pyrene	25.78	276	149677	3.50	ng	95
33) Benzo(b)fluoranthene	22.70	252	145932	4.32	ng	98
34) Benzo(k)fluoranthene	22.75	252	179570	4.29	ng	99
35) Benzo(a)pyrene	23.30	252	134397	4.22	ng	100
36) Dibenzo(a,h)anthracene	25.80	278	120371	3.89	ng	97
37) Benzo(g,h,i)perylene	26.51	276	131896	4.75	ng	98

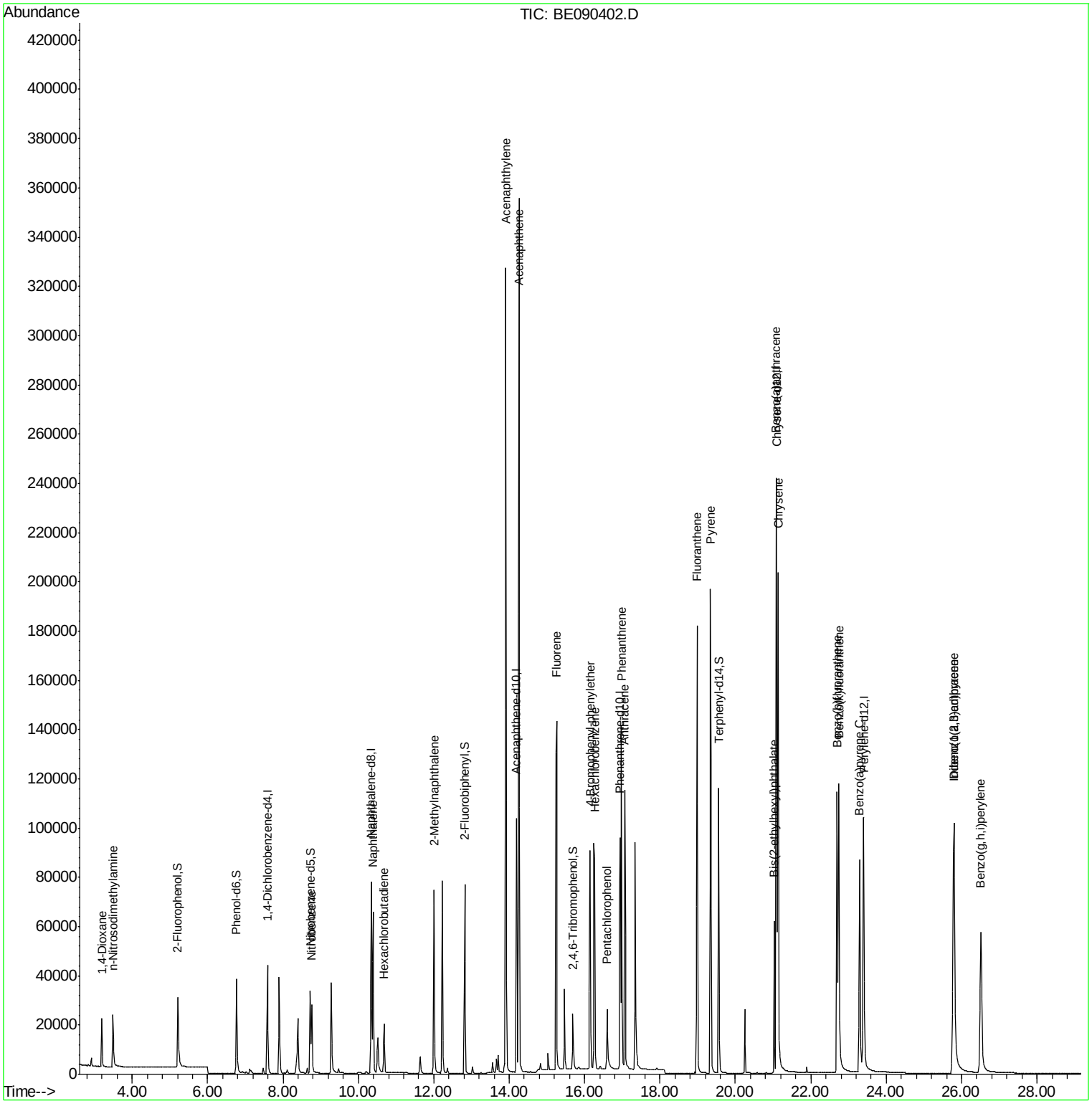
(#) = qualifier out of range (m) = manual integration (+) = signals summed

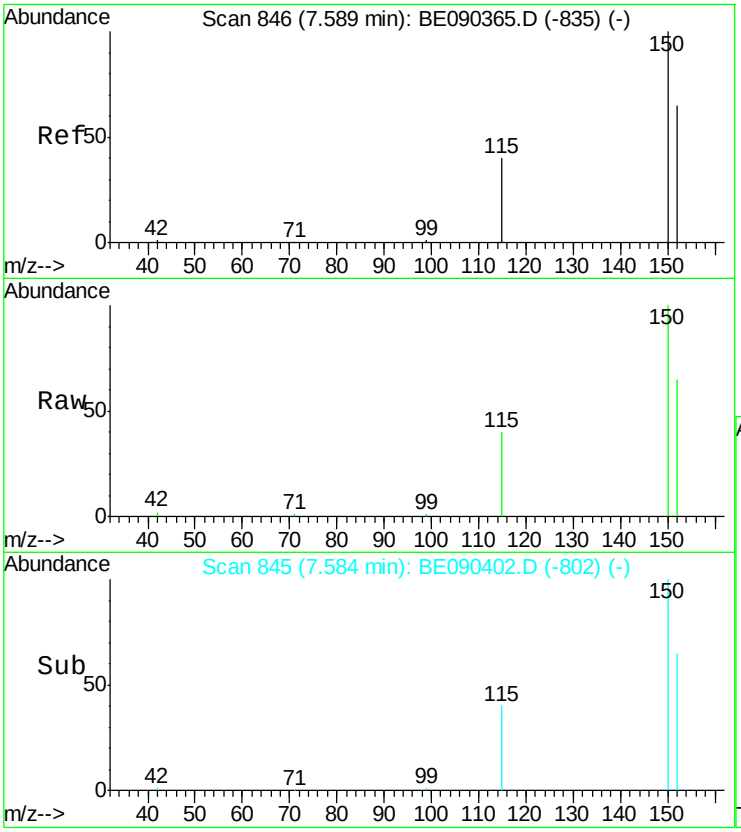
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080715\
Data File : BE090402.D
Acq On : 7 Aug 2015 17:52
Operator : TP/UM
Sample : PB84793BSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

Quant Time: Aug 07 23:05:05 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



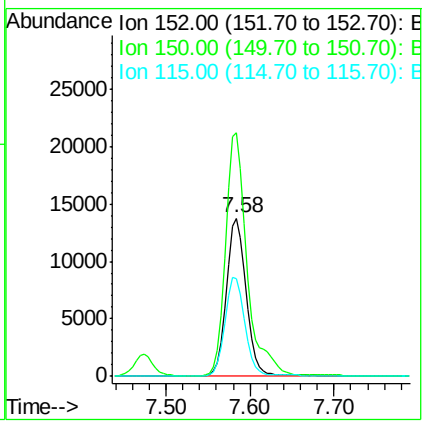


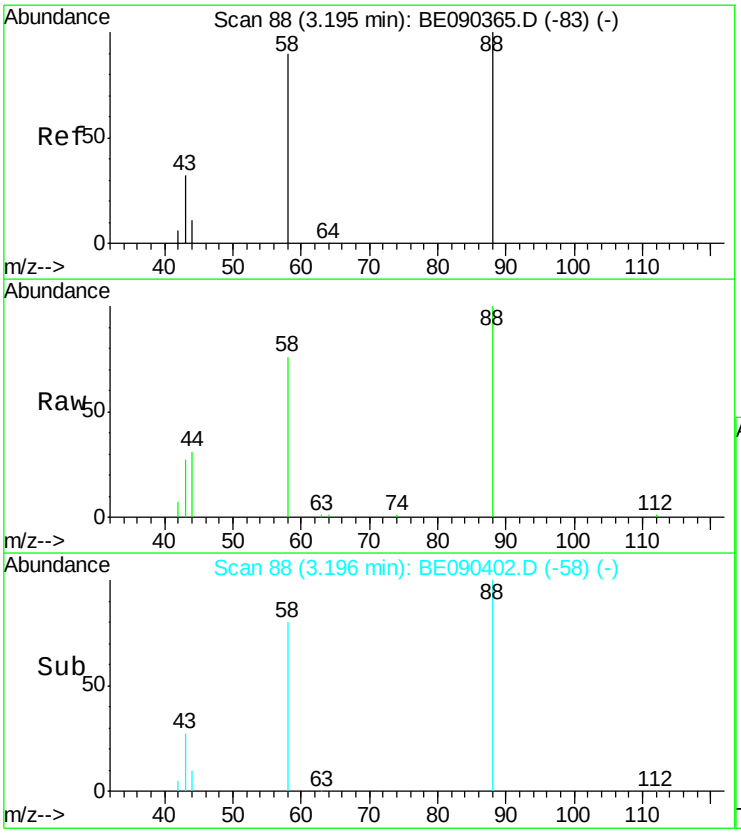
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

Tgt Ion:152 Resp: 22129

Ion	Ratio	Lower	Upper
152	100		
150	153.6	123.0	184.4
115	61.6	48.9	73.3

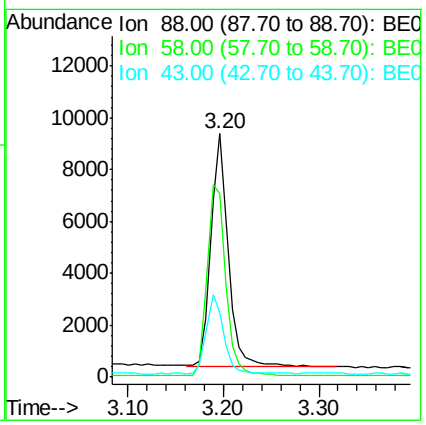


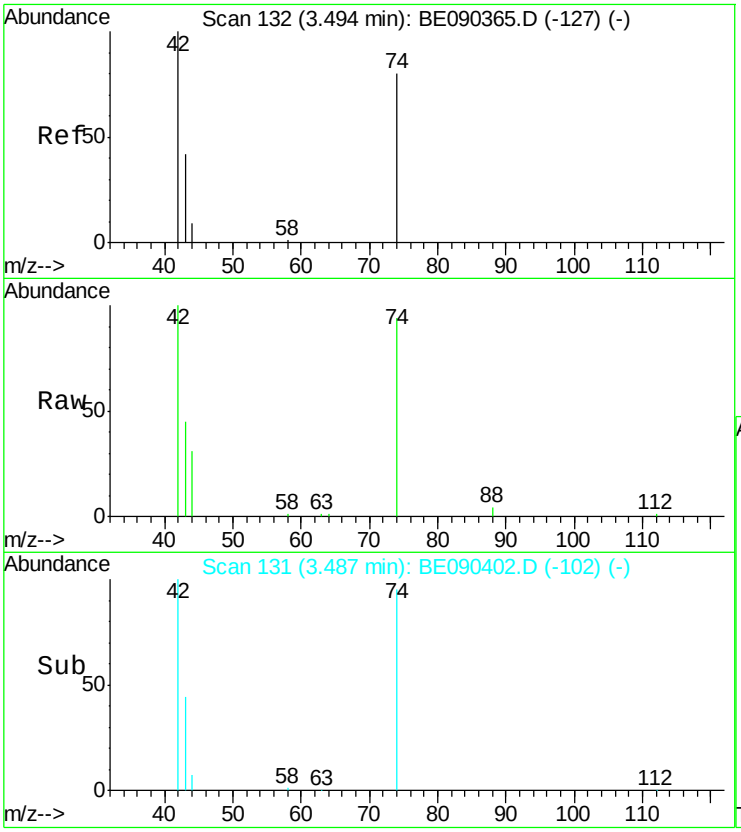


#2
1,4-Dioxane
Concen: 4.28 ng
RT: 3.20 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Tgt Ion: 88 Resp: 11215

Ion	Ratio	Lower	Upper
88	100		
58	87.0	70.0	105.0
43	33.1	28.4	42.6



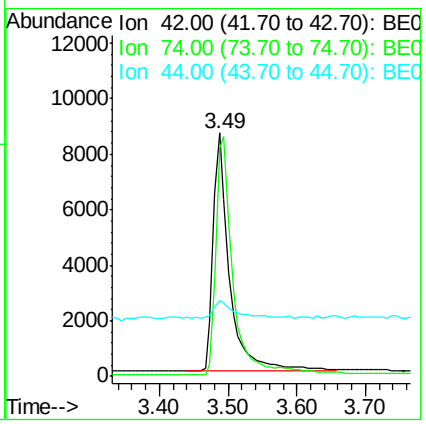


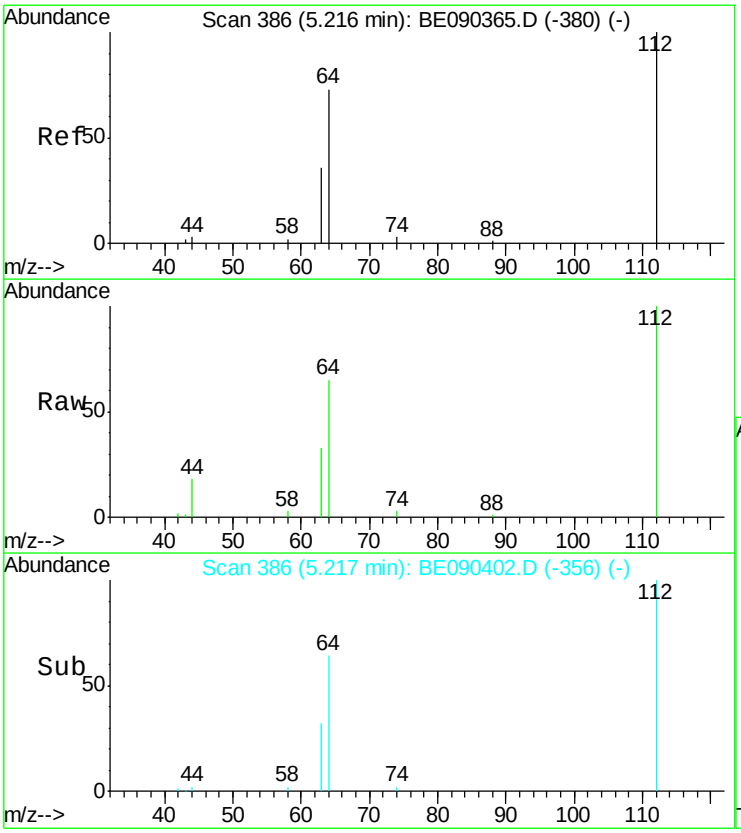
#3
n-Nitrosodimethylamine
Concen: 4.13 ng
RT: 3.49 min Scan# 131
Delta R.T. -0.01 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

Tgt Ion: 42 Resp: 14123

Ion	Ratio	Lower	Upper
42	100		
74	99.5	75.2	112.8
44	9.8	8.7	13.1

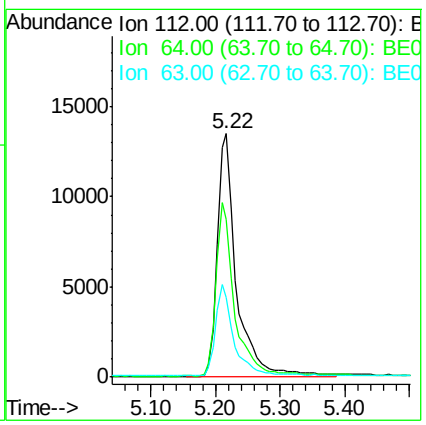


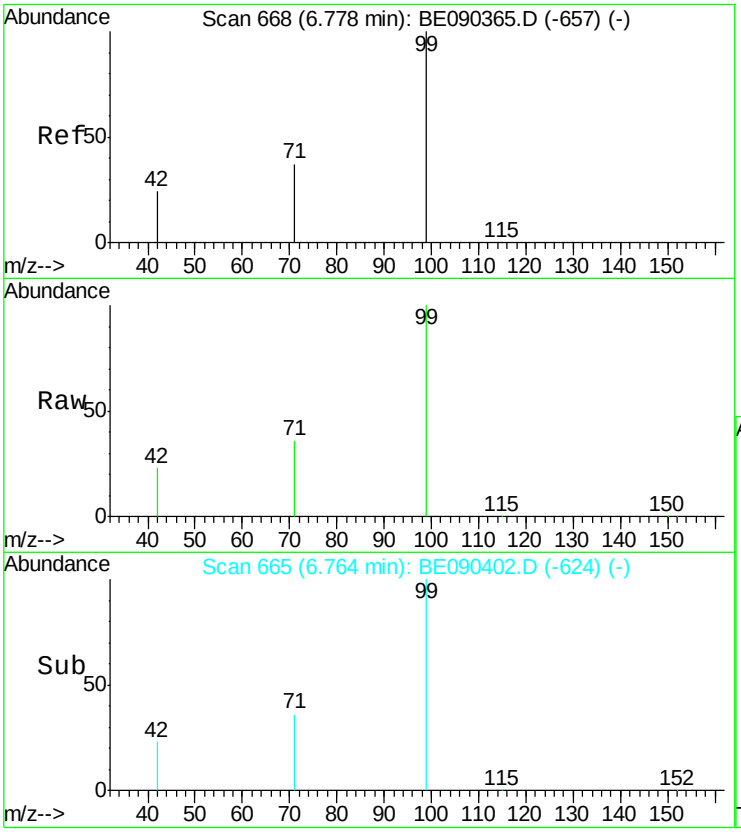


#4
2-Fluorophenol
Concen: 8.23 ng
RT: 5.22 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Tgt Ion:112 Resp: 27310

Ion	Ratio	Lower	Upper
112	100		
64	70.3	37.1	55.7#
63	36.5	19.5	29.3#



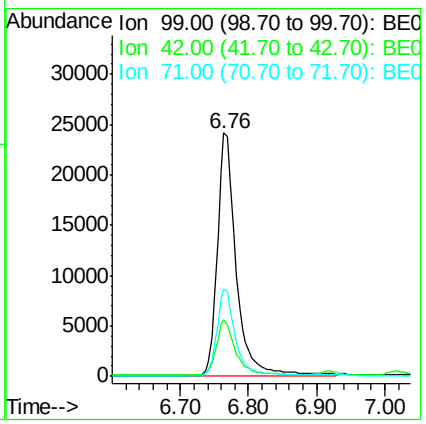


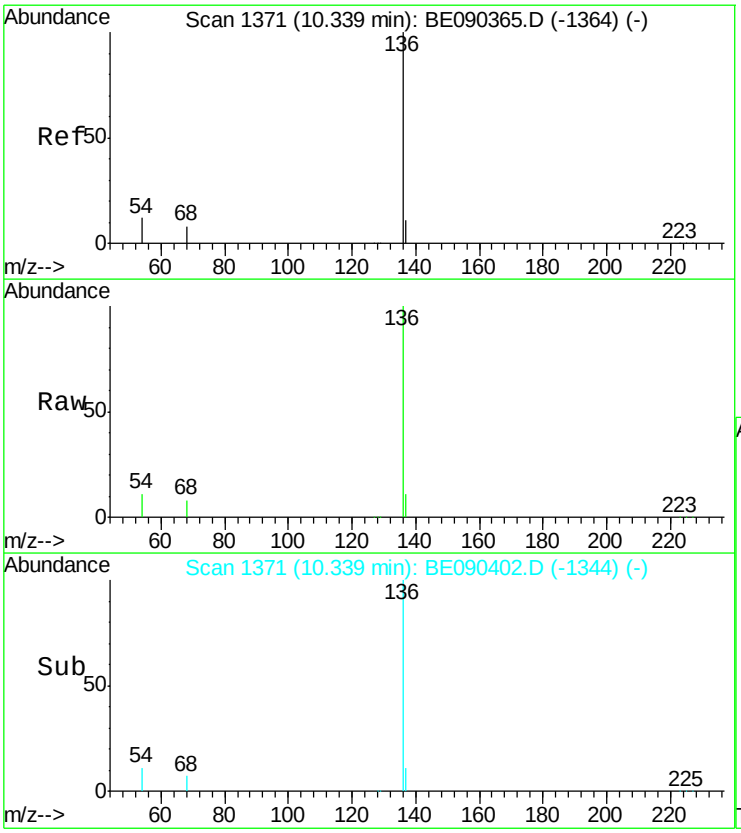
#5
Phenol-d6
Concen: 6.51 ng
RT: 6.76 min Scan# 665
Delta R.T. -0.01 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

Tgt Ion: 99 Resp: 46578

Ion	Ratio	Lower	Upper
99	100		
42	23.2	18.2	27.4
71	35.4	27.4	41.0

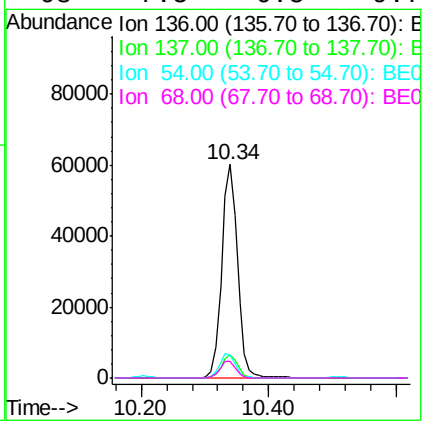


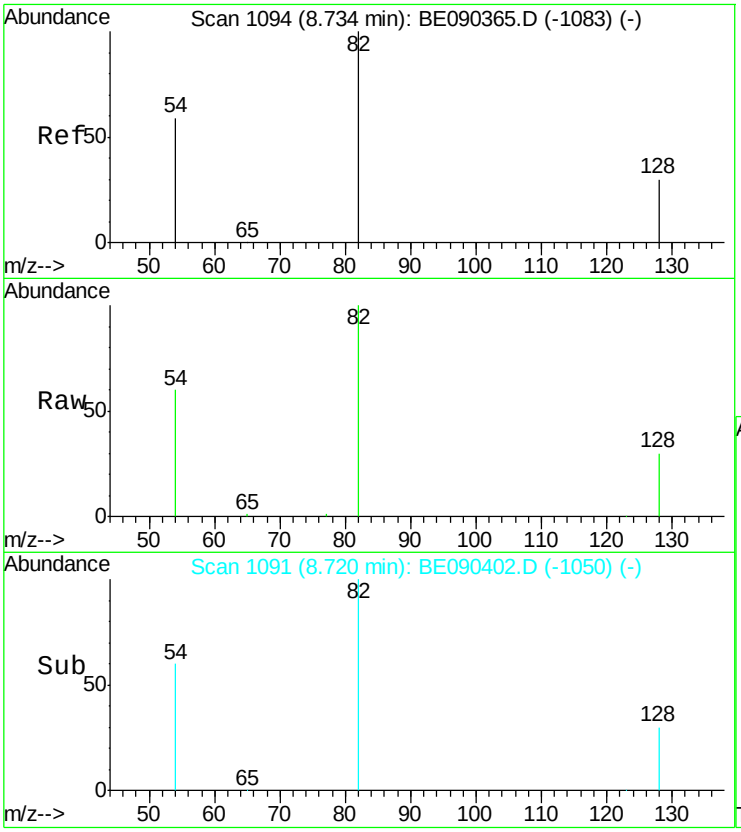


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Tgt Ion:136 Resp: 102894

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.7	9.4	14.0
68	7.5	6.5	9.7



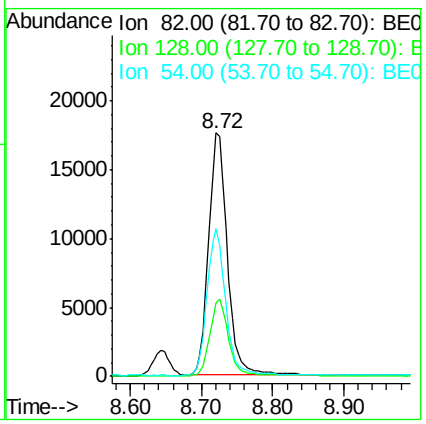


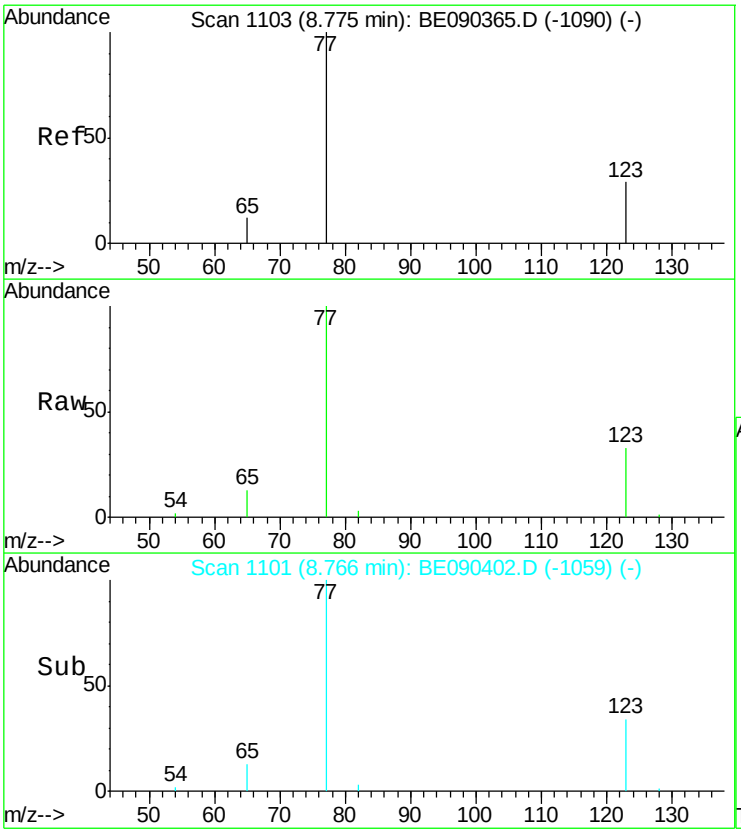
#7
Nitrobenzene-d5
Concen: 3.90 ng
RT: 8.72 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

Tgt Ion: 82 Resp: 32266

Ion	Ratio	Lower	Upper
82	100		
128	30.3	25.0	37.6
54	60.5	48.8	73.2

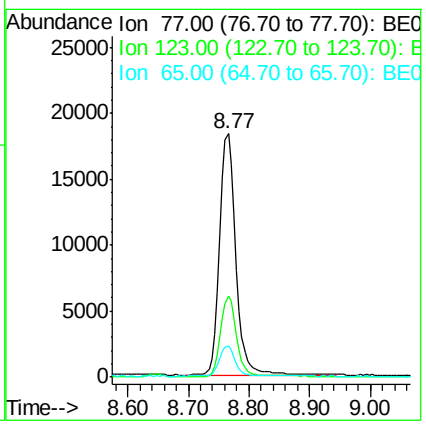


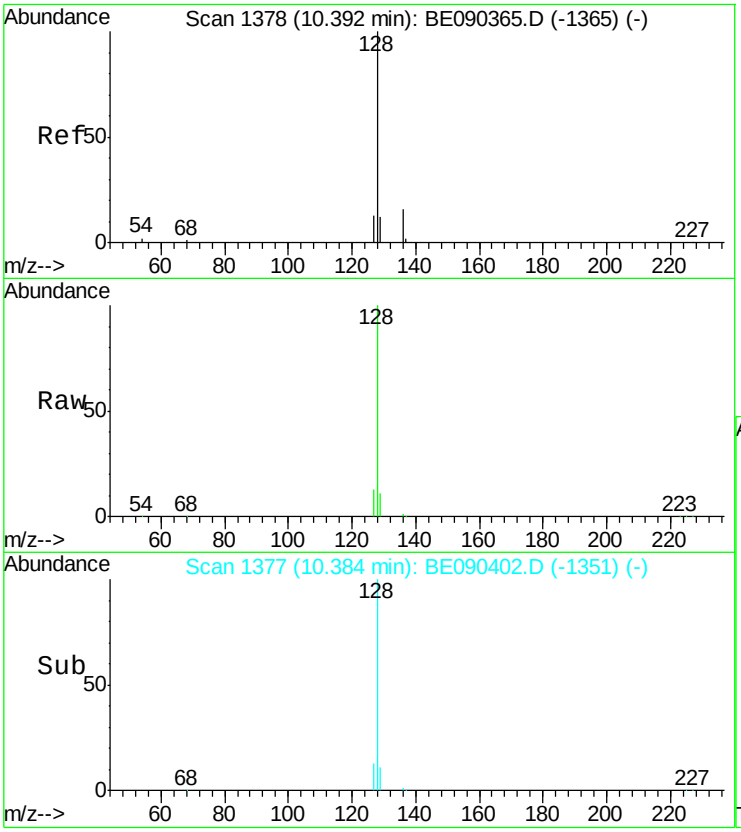


#8
Nitrobenzene
Concen: 3.84 ng
RT: 8.77 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Tgt Ion: 77 Resp: 33914

Ion	Ratio	Lower	Upper
77	100		
123	33.0	25.1	37.7
65	12.5	9.3	13.9



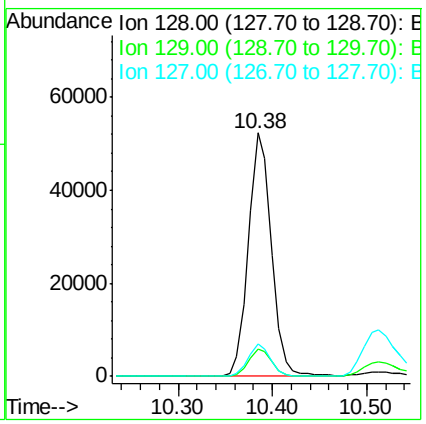


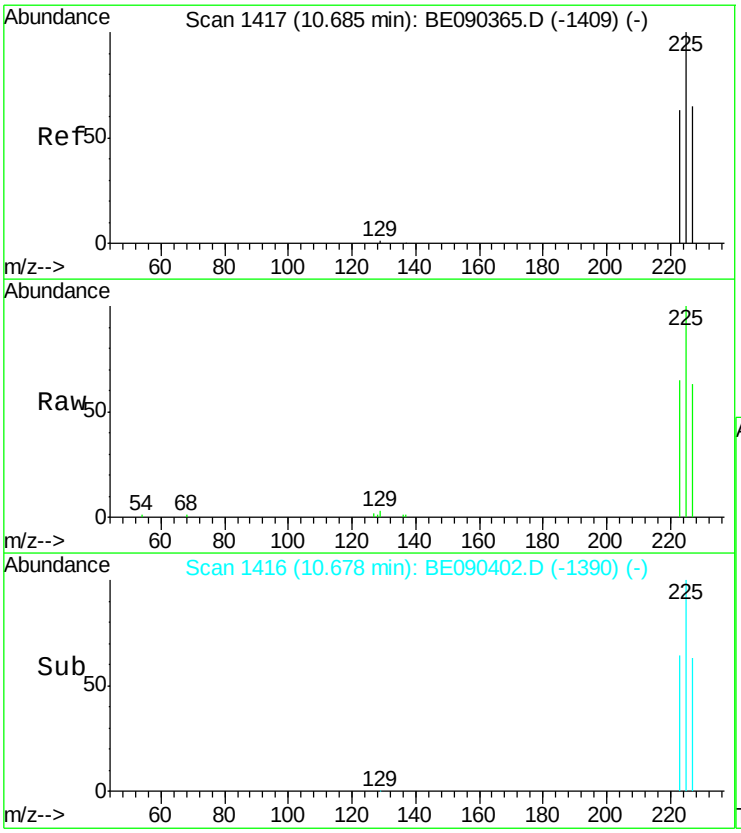
#9
Naphthalene
Concen: 3.92 ng
RT: 10.38 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

Tgt Ion:128 Resp: 89160

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.8	14.6
127	13.1	10.6	16.0

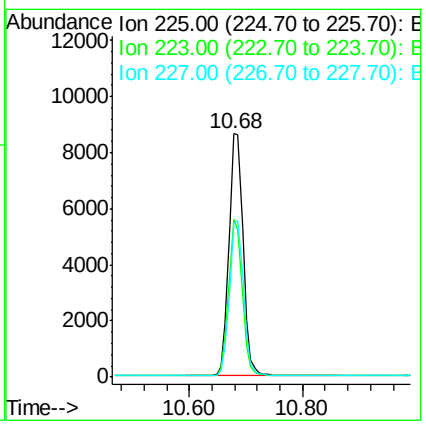


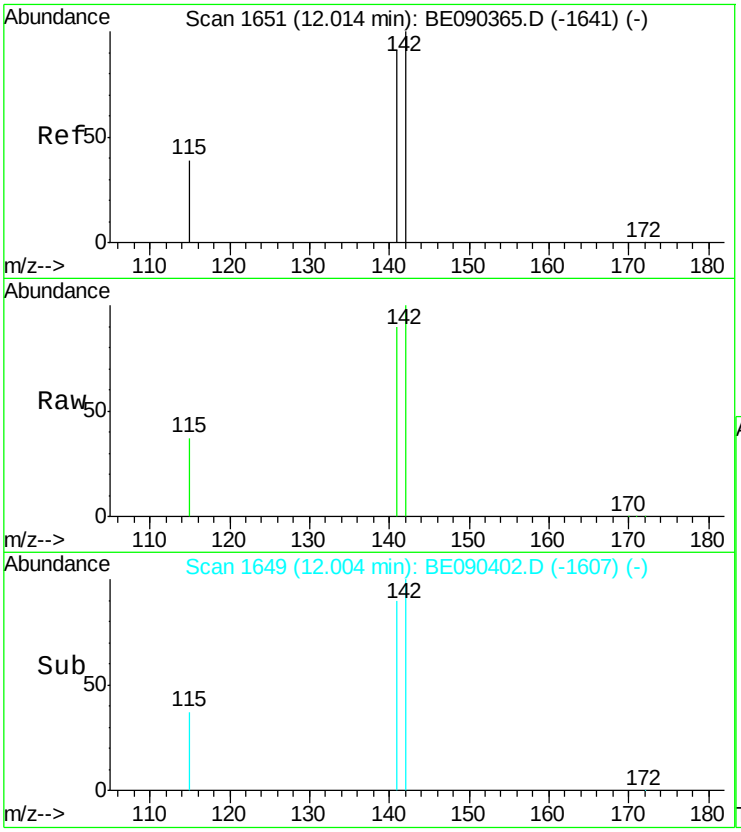


#10
Hexachlorobutadiene
Concen: 4.38 ng
RT: 10.68 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Tgt Ion:225 Resp: 15063

Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.6	75.8
227	63.7	50.7	76.1



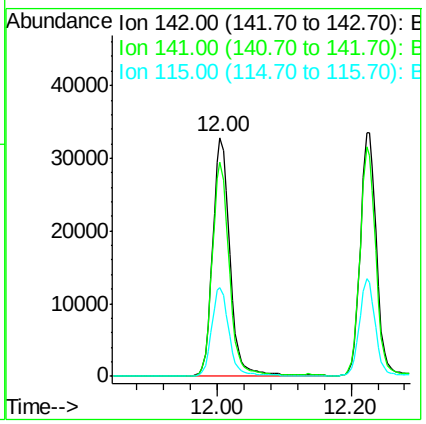


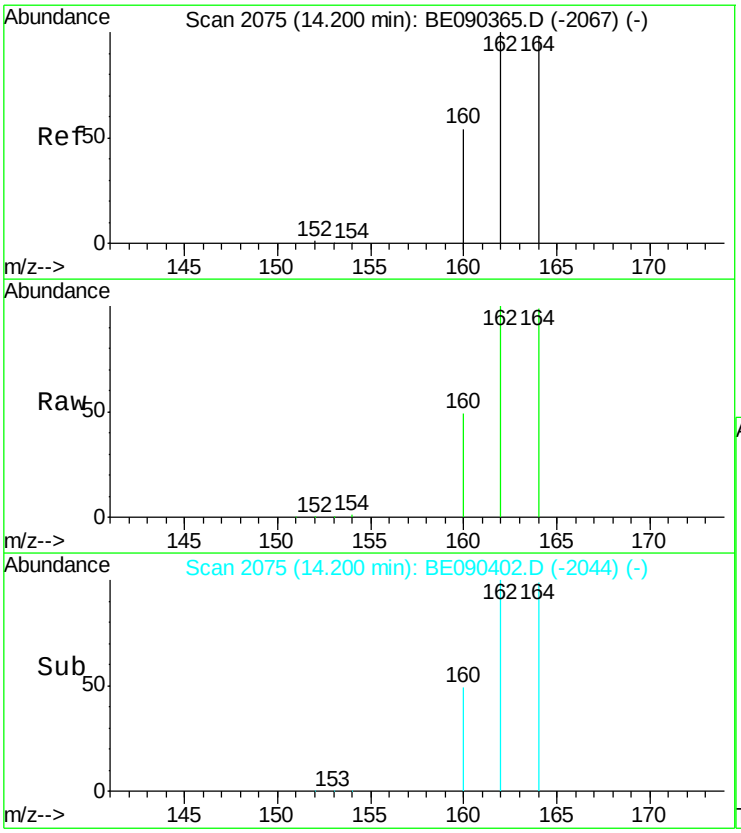
#11
2-Methylnaphthalene
Concen: 4.42 ng
RT: 12.00 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

Tgt Ion:142 Resp: 58287

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.6	109.0
115	37.2	31.6	47.4

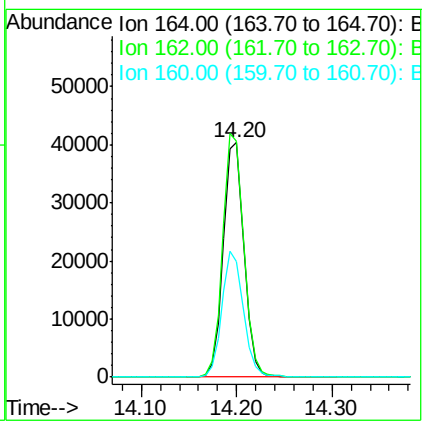


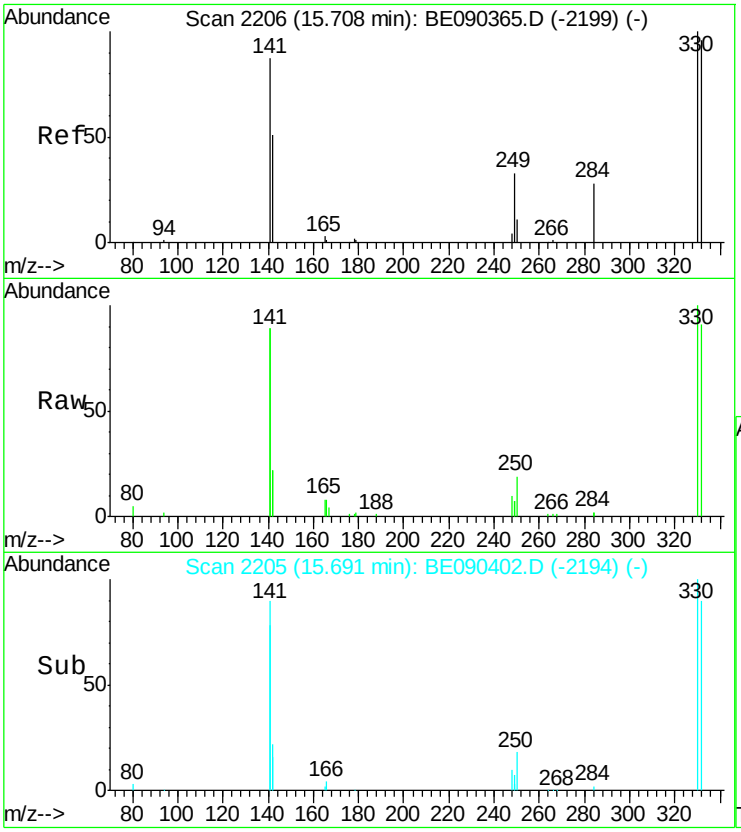


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Tgt Ion:164 Resp: 60417

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.8	122.8
160	49.4	44.2	66.4



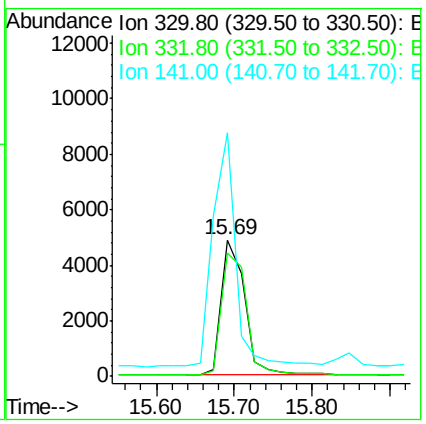


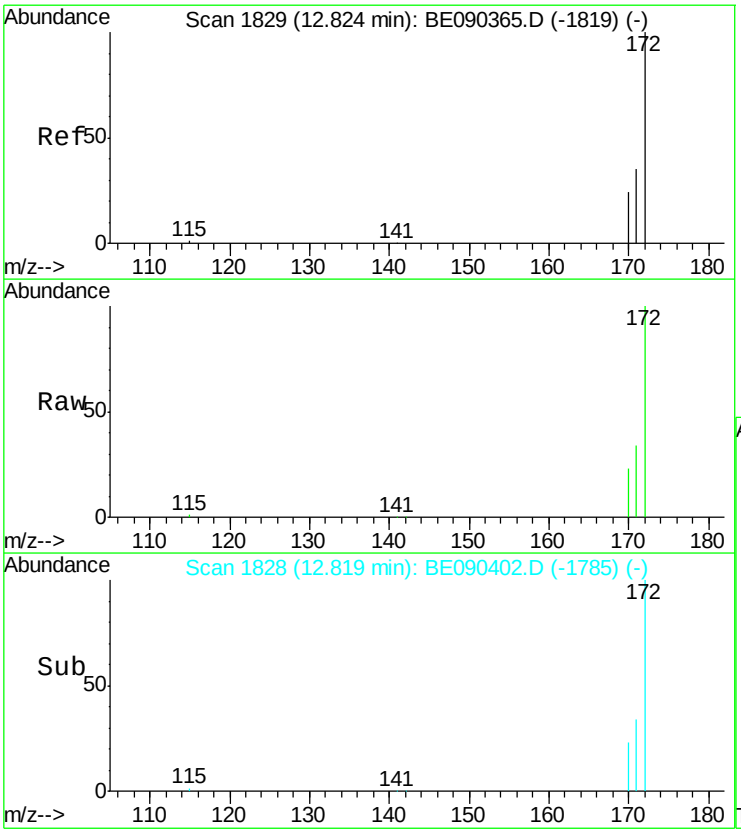
#13
2,4,6-Tribromophenol
Concen: 6.17 ng
RT: 15.69 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

Tgt Ion:330 Resp: 10149

Ion	Ratio	Lower	Upper
330	100		
332	97.5	75.8	113.6
141	167.8	114.4	171.6

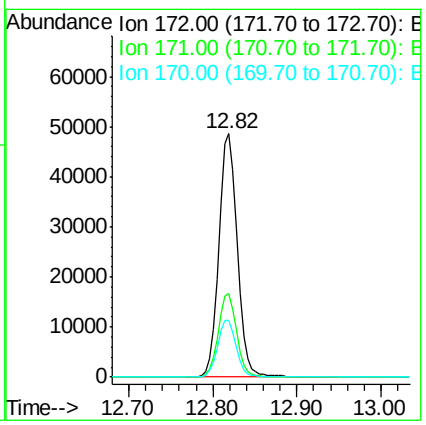


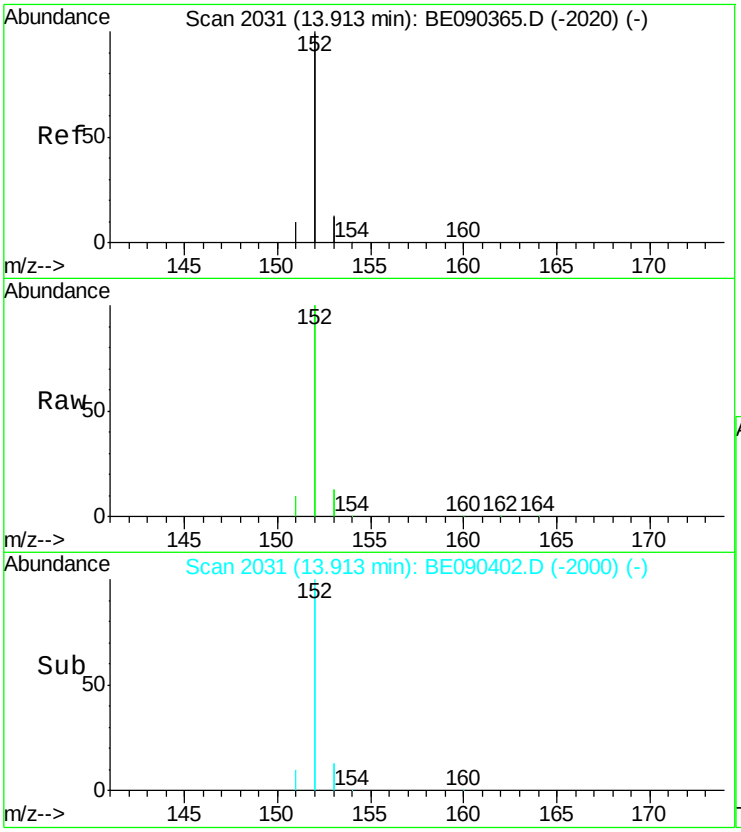


#14
2-Fluorobiphenyl
Concen: 4.42 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Tgt Ion:172 Resp: 73450

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.5	42.7
170	23.3	19.8	29.8



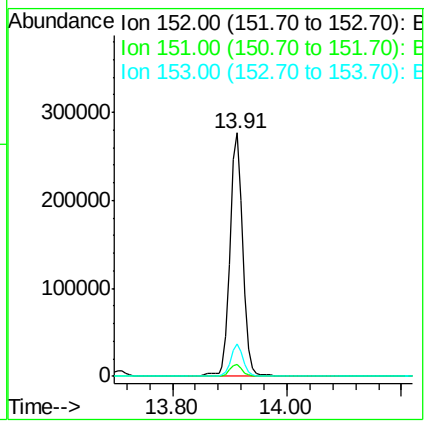


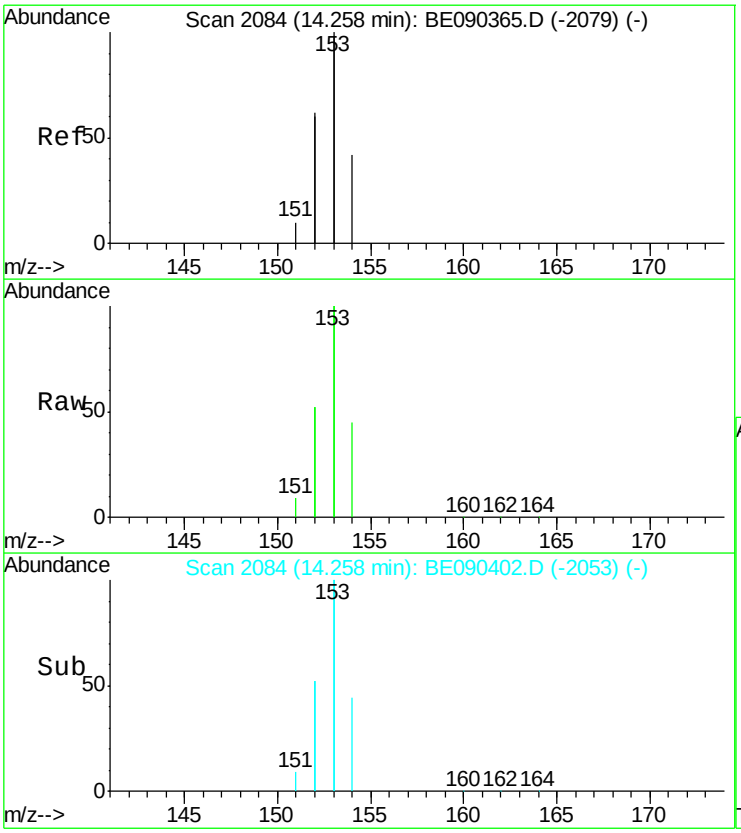
#15
Acenaphthylene
Concen: 4.26 ng
RT: 13.91 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

Tgt Ion:152 Resp: 416765

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

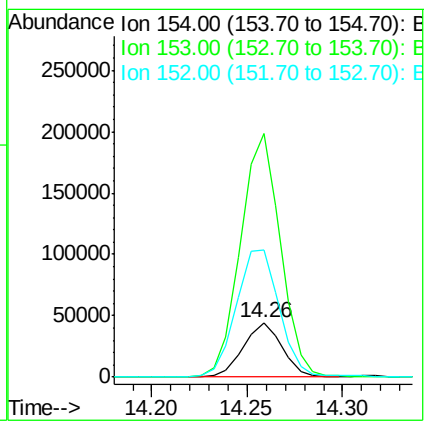


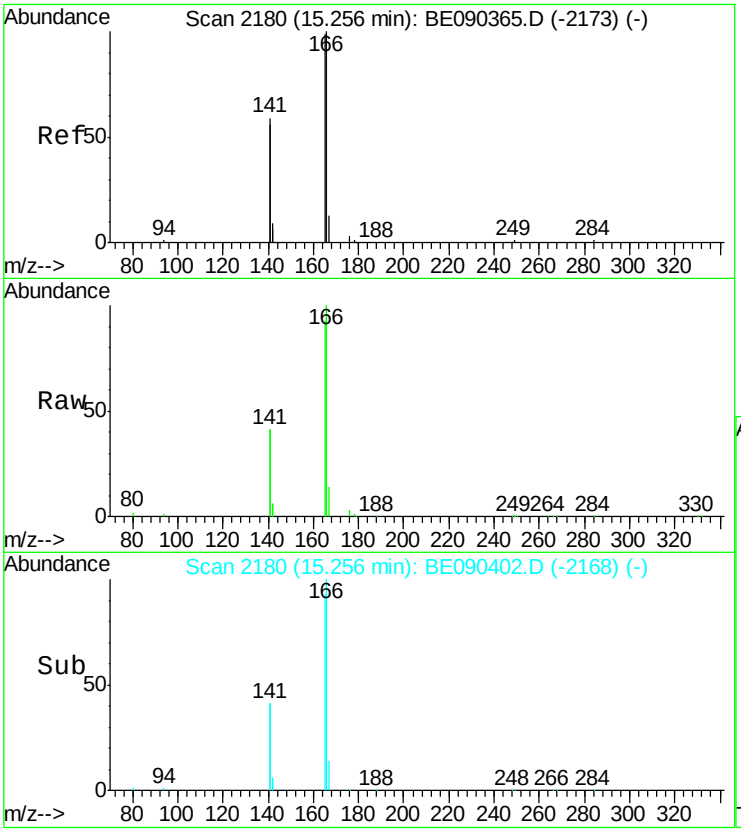


#16
Acenaphthene
Concen: 4.11 ng
RT: 14.26 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Tgt Ion:154 Resp: 62458

Ion	Ratio	Lower	Upper
154	100		
153	461.4	376.2	564.2
152	259.0	235.0	352.4



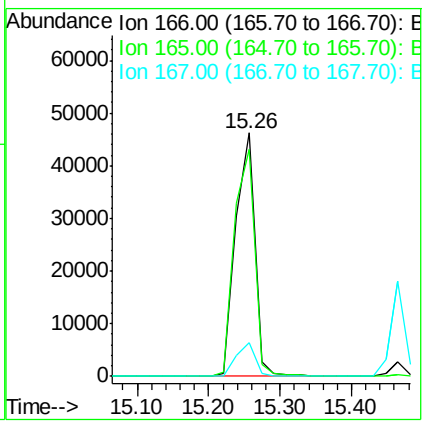


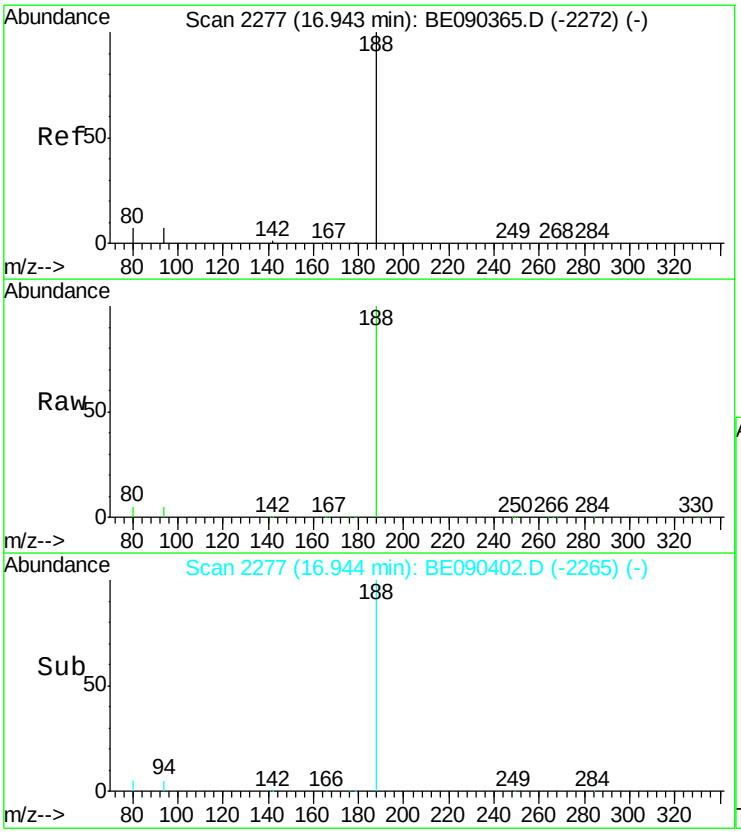
#17
Fluorene
Concen: 4.27 ng
RT: 15.26 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

Tgt Ion:166 Resp: 84317

Ion	Ratio	Lower	Upper
166	100		
165	99.0	81.5	122.3
167	13.4	11.4	17.0

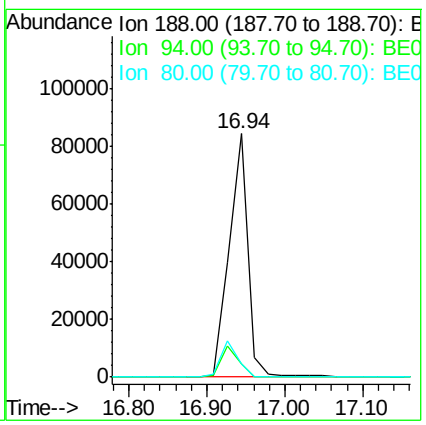


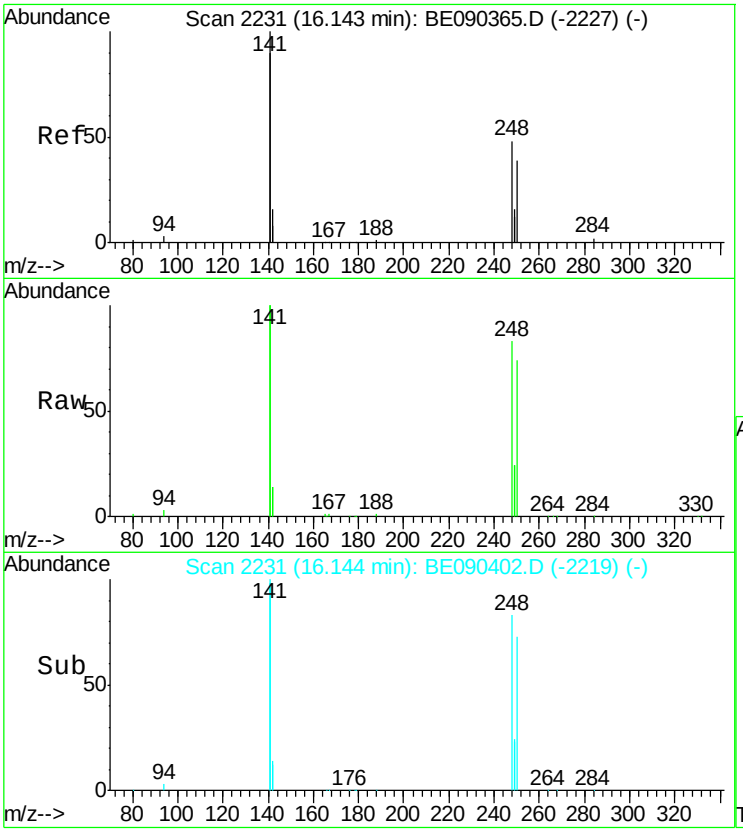


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Tgt Ion:188 Resp: 140452

Ion	Ratio	Lower	Upper
188	100		
94	5.2	5.7	8.5#
80	5.3	5.8	8.8#



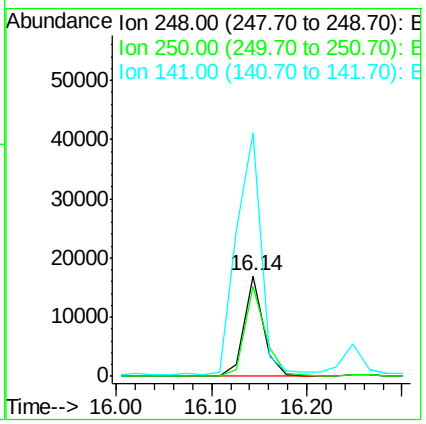


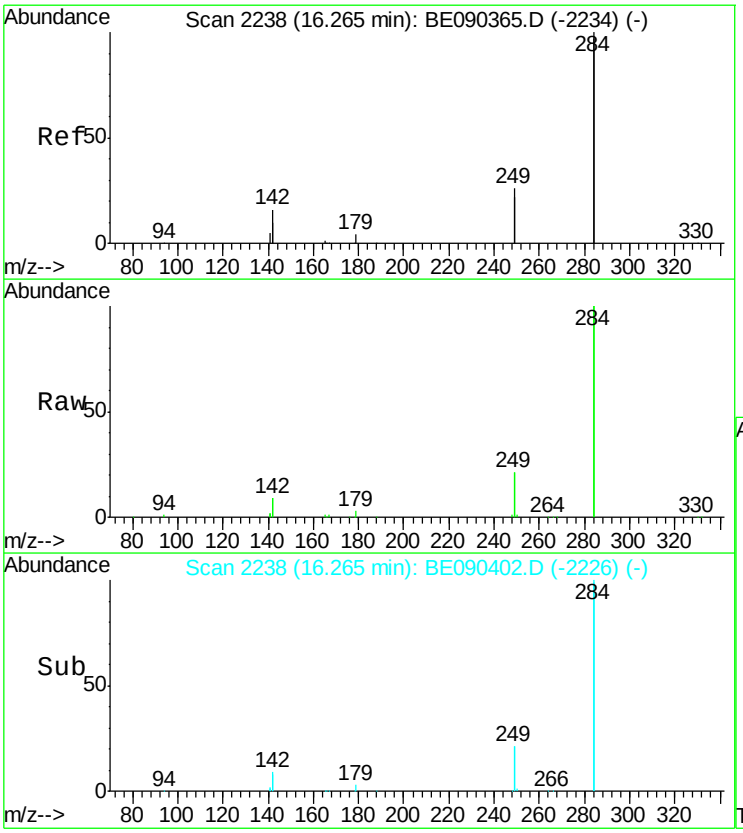
#19
4-Bromophenyl-phenylether
Concen: 4.39 ng
RT: 16.14 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

Tgt Ion:248 Resp: 23995

Ion	Ratio	Lower	Upper
248	100		
250	93.6	79.0	118.6
141	302.8	239.5	359.3

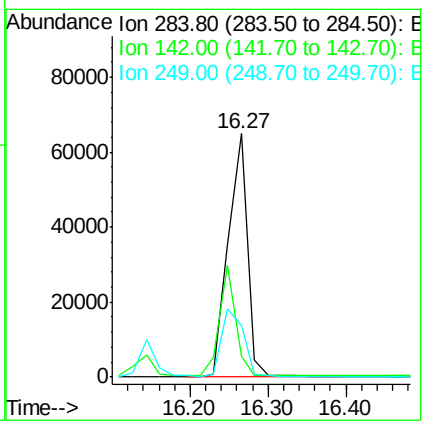


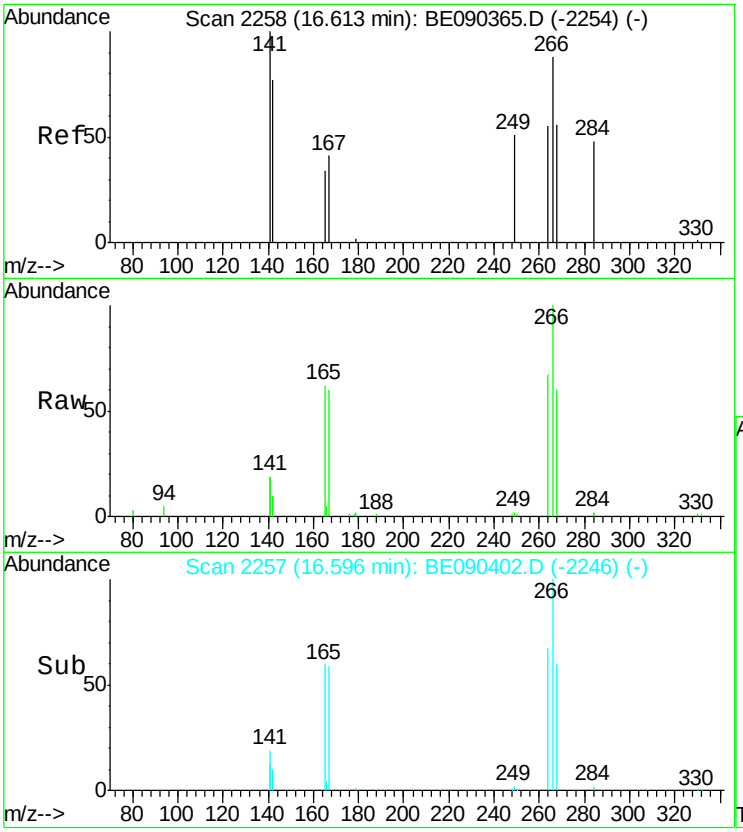


#20
Hexachlorobenzene
Concen: 3.89 ng
RT: 16.27 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Tgt Ion:284 Resp: 109879

Ion	Ratio	Lower	Upper
284	100		
142	37.9	30.1	45.1
249	31.0	25.7	38.5



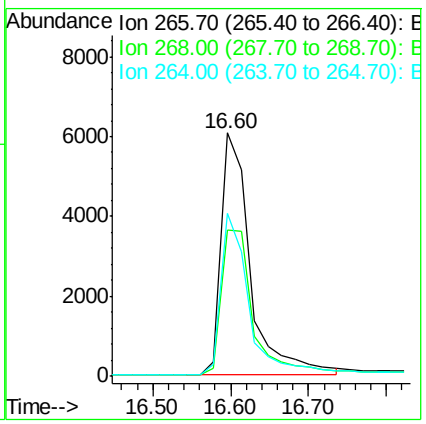


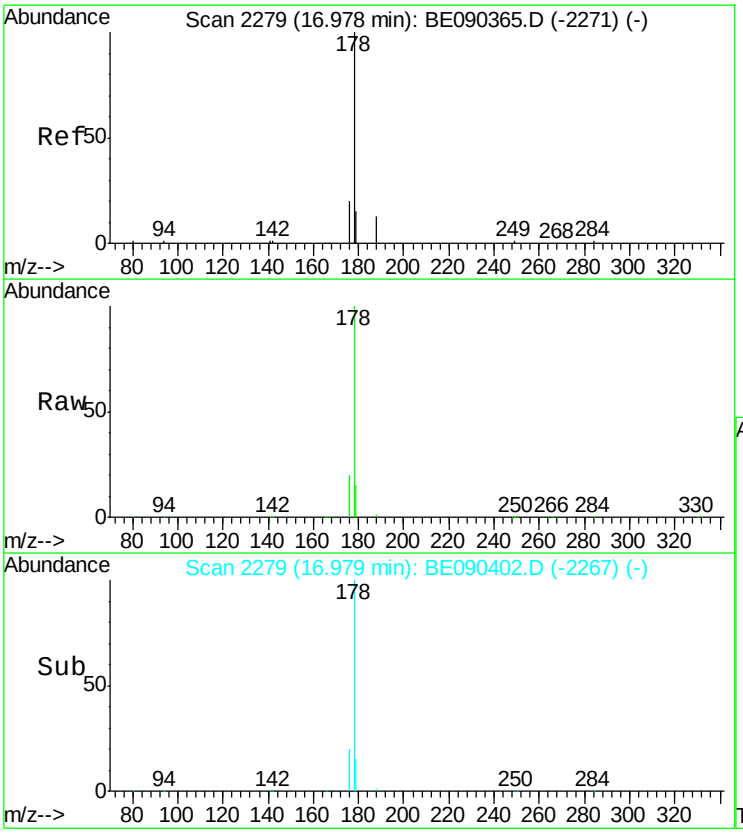
#21
Pentachlorophenol
Concen: 7.35 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

Tgt Ion:266 Resp: 15617

Ion	Ratio	Lower	Upper
266	100		
268	60.0	58.5	87.7
264	67.1	56.0	84.0

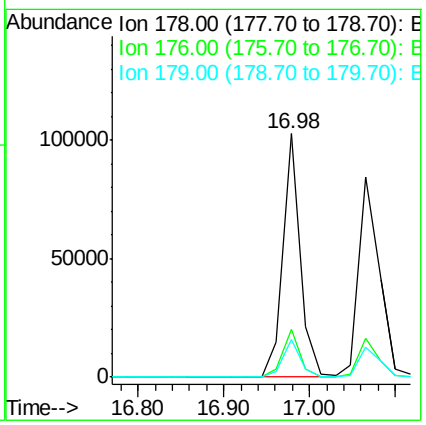


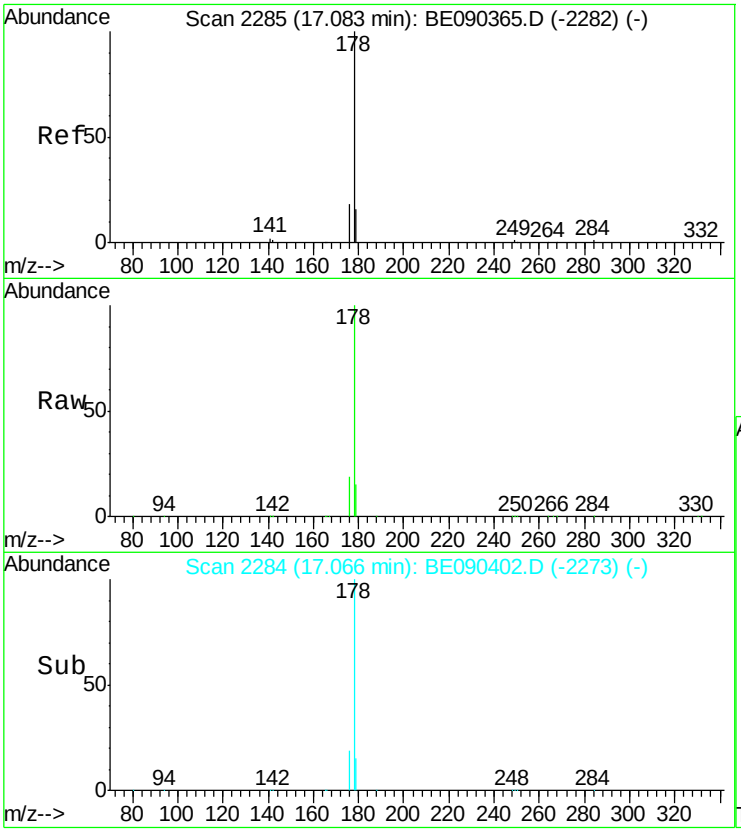


#22
Phenanthrene
Concen: 4.17 ng
RT: 16.98 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Tgt Ion:178 Resp: 146728

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.3	12.5	18.7



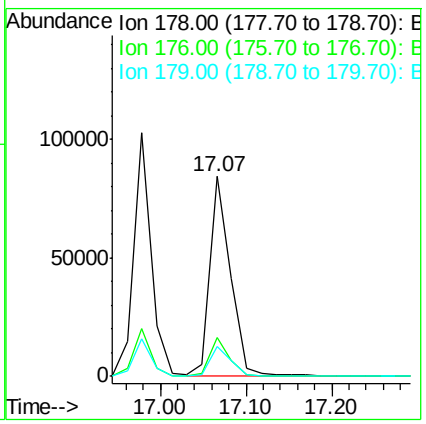


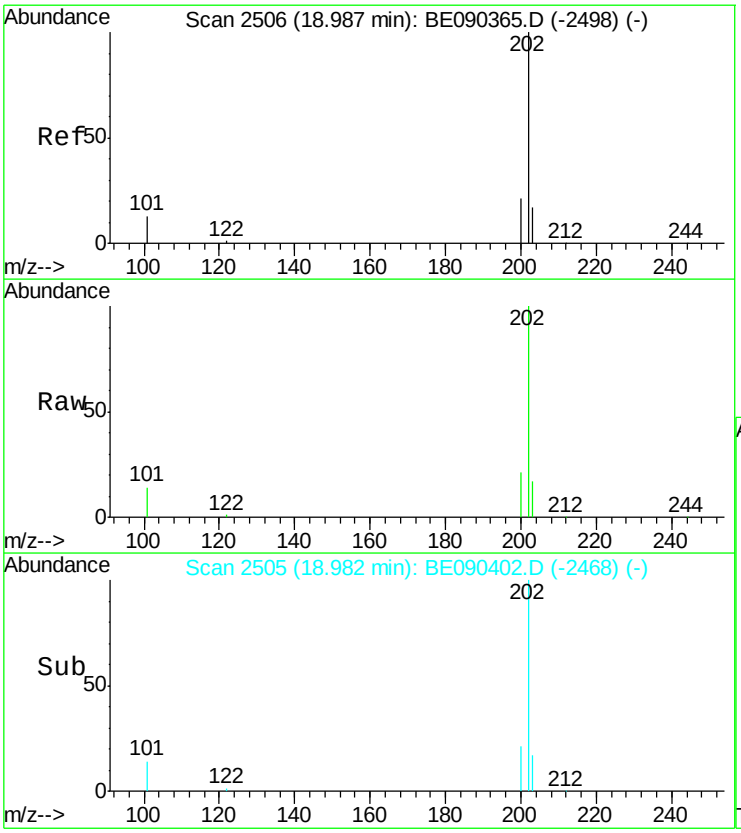
#23
Anthracene
Concen: 4.88 ng
RT: 17.07 min Scan# 2284
Delta R.T. -0.02 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

Tgt Ion:178 Resp: 141005

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.4	12.2	18.4

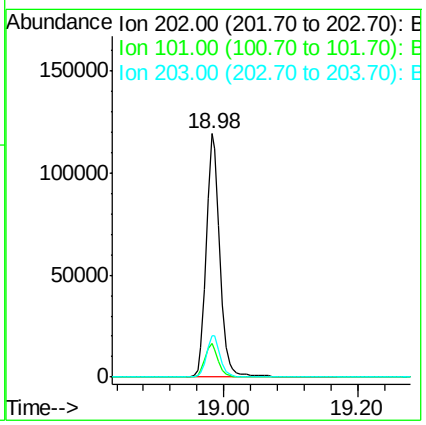


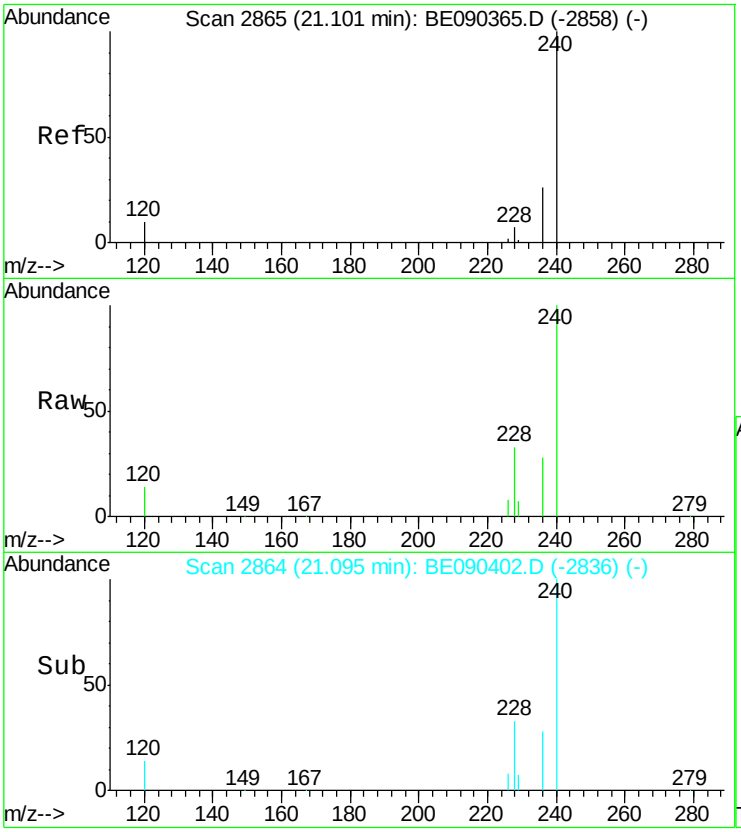


#24
Fluoranthene
Concen: 4.85 ng
RT: 18.98 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Tgt Ion:202 Resp: 167779

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.3	15.5
203	17.2	13.7	20.5



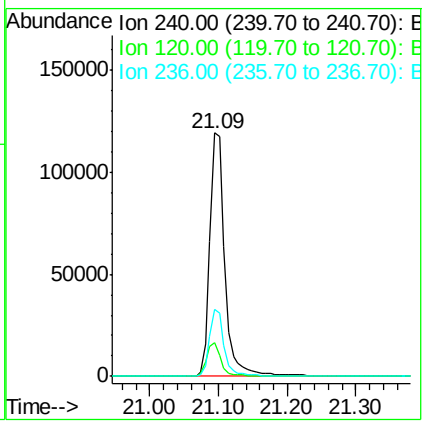


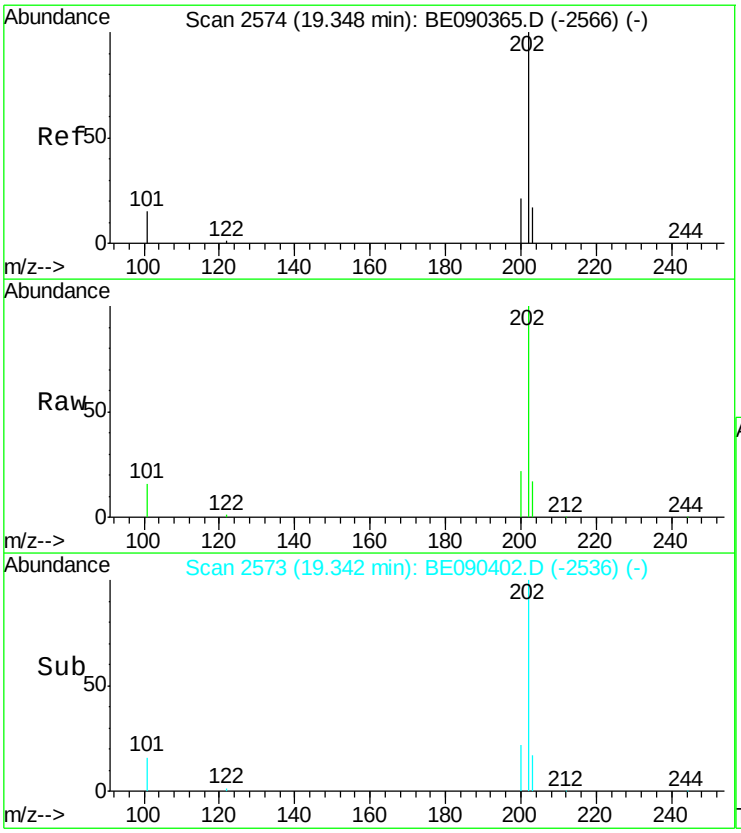
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

Tgt Ion:240 Resp: 181273

Ion	Ratio	Lower	Upper
240	100		
120	13.8	8.3	12.5#
236	27.8	21.0	31.4

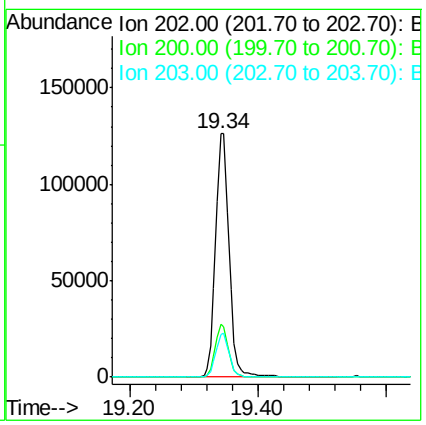


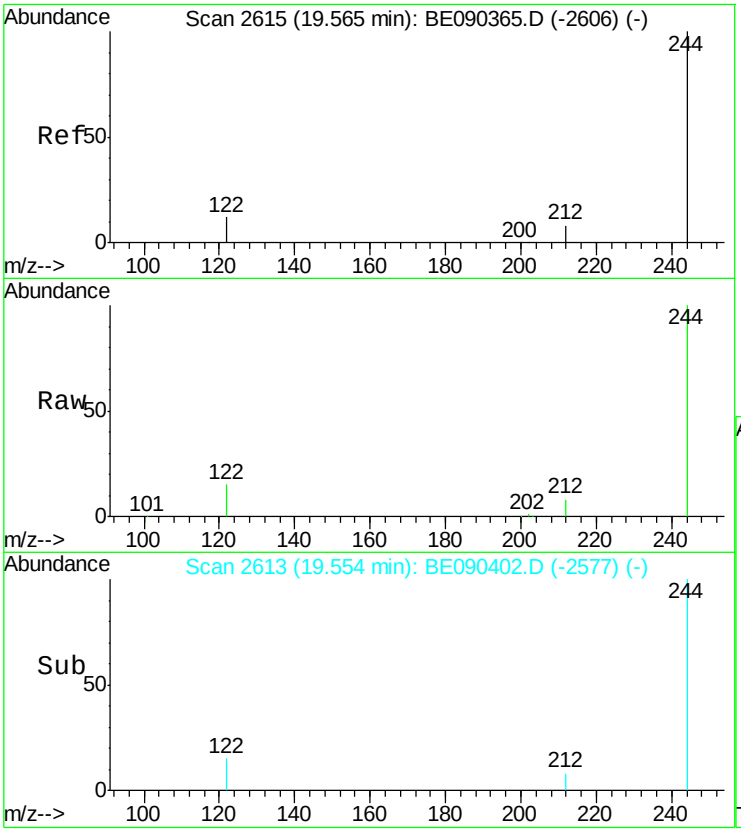


#26
Pyrene
Concen: 4.72 ng
RT: 19.34 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Tgt Ion:202 Resp: 185316

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	18.1	13.8	20.8



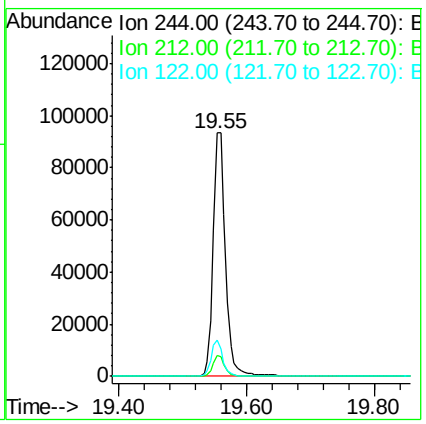


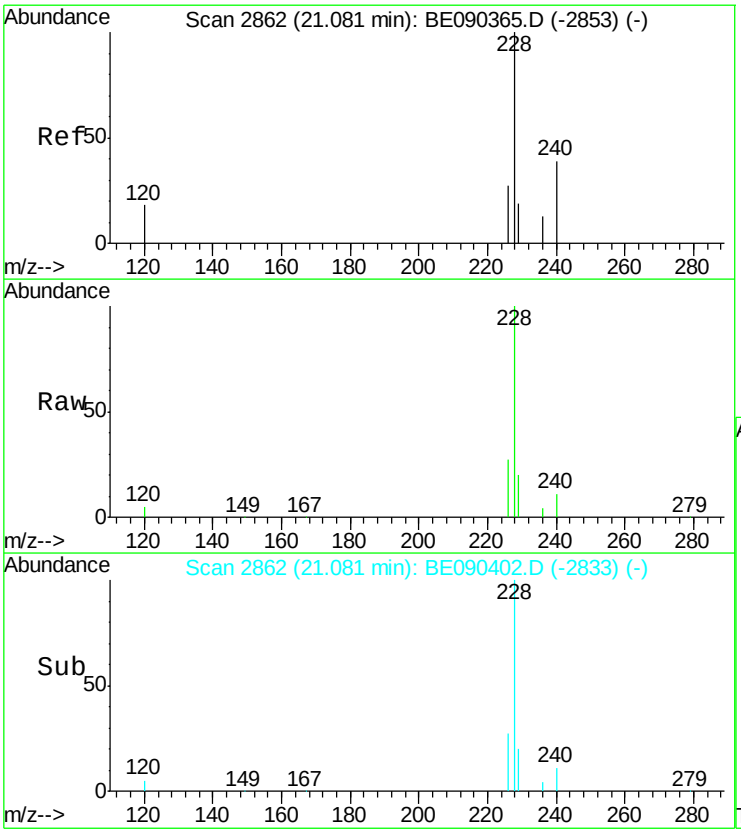
#27
Terphenyl-d14
Concen: 4.69 ng
RT: 19.55 min Scan# 2613
Delta R.T. -0.01 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

Tgt Ion:244 Resp: 125306

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.6	9.8
122	15.0	10.2	15.4

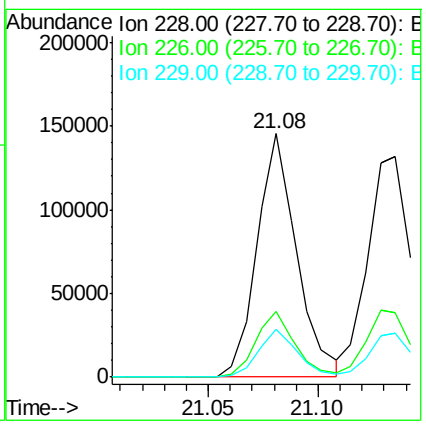


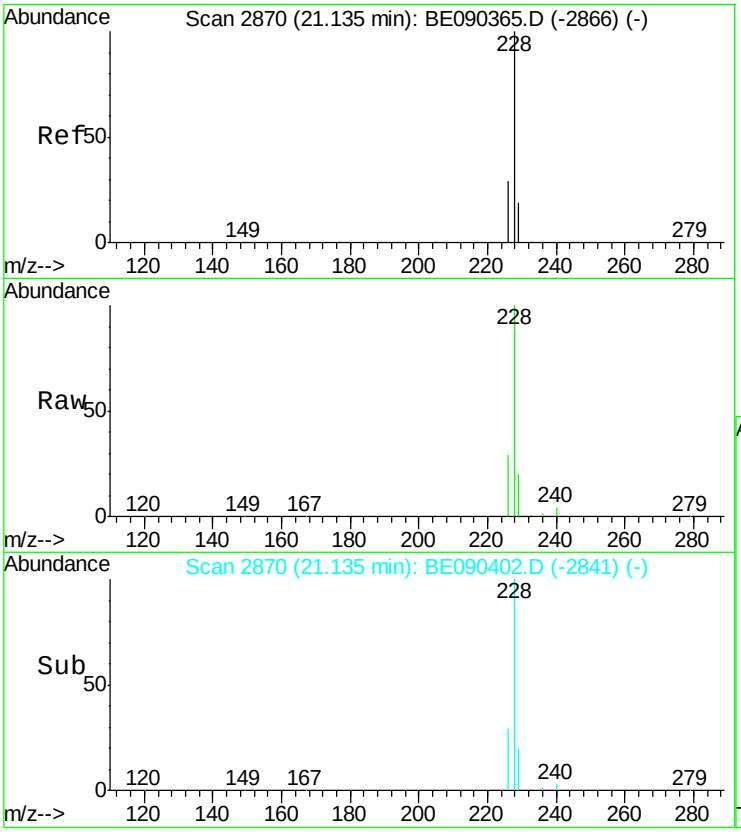


#28
Benzo(a)anthracene
Concen: 4.51 ng
RT: 21.08 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Tgt Ion:228 Resp: 181118

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



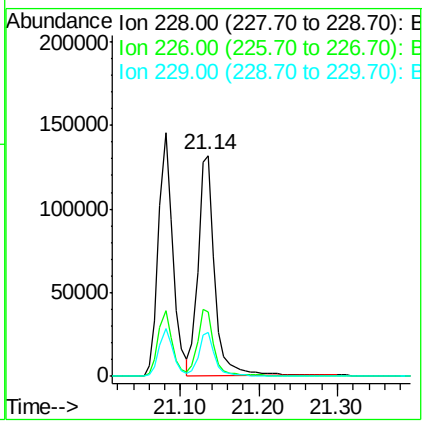


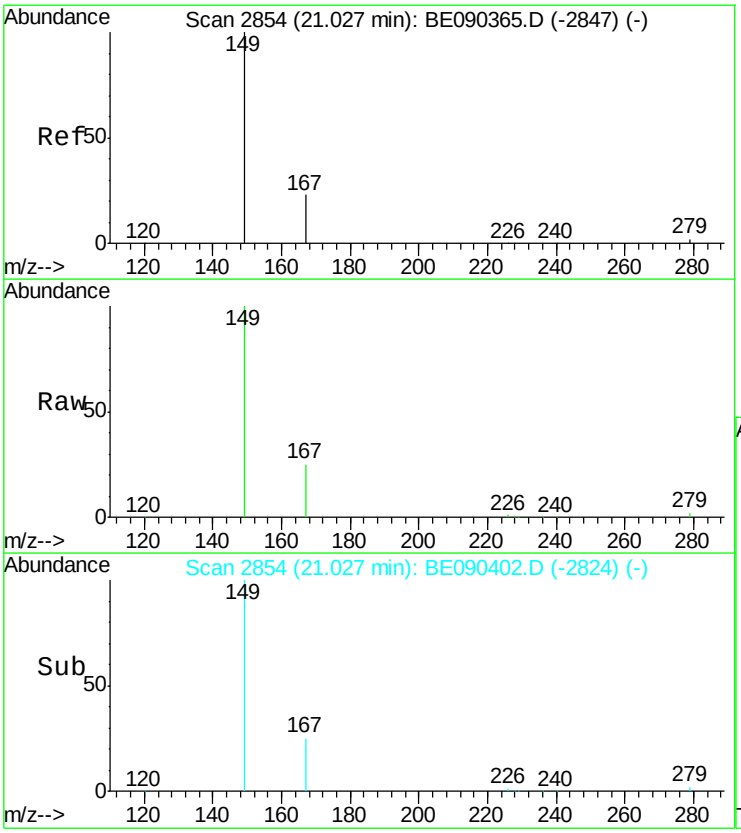
#29
Chrysene
Concen: 4.04 ng
RT: 21.14 min Scan# 2870
Delta R.T. 0.00 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

Tgt Ion:228 Resp: 195964

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.1	34.7
229	19.7	15.8	23.8

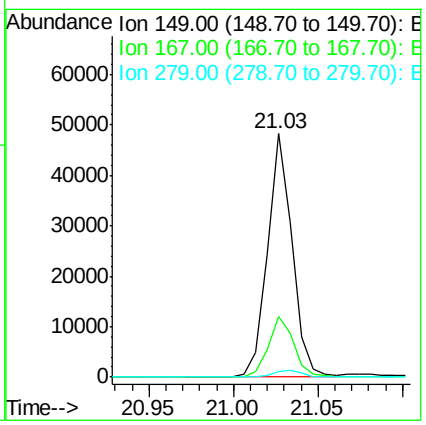


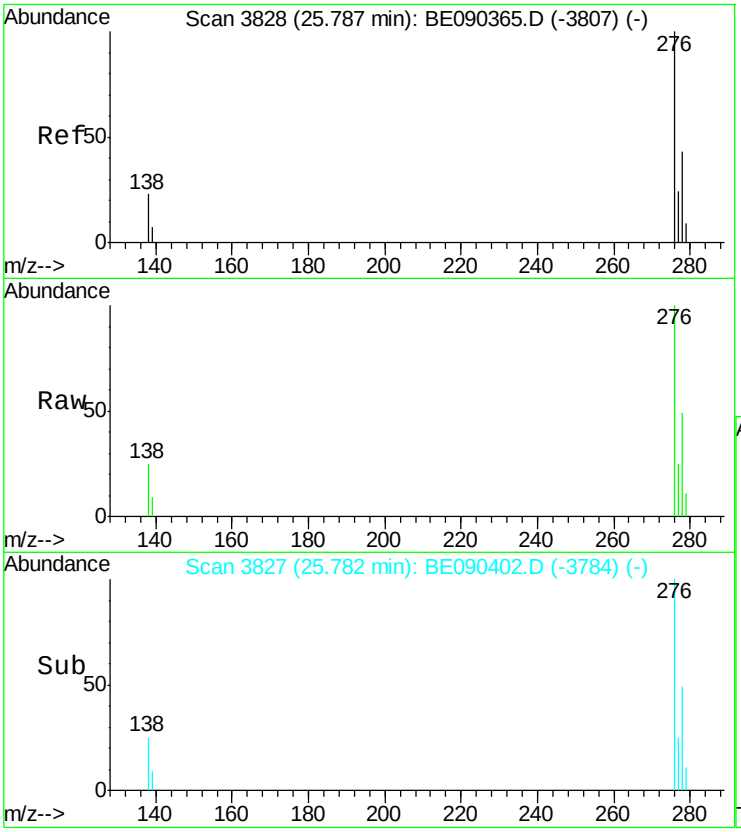


#30
Bis(2-ethylhexyl)phthalate
Concen: 3.70 ng
RT: 21.03 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Tgt Ion:149 Resp: 48145

Ion	Ratio	Lower	Upper
149	100		
167	25.5	19.8	29.8
279	3.0	2.4	3.6



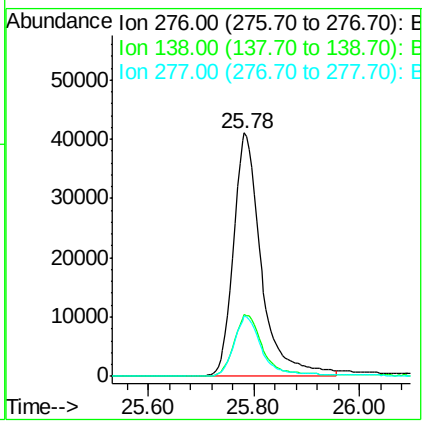


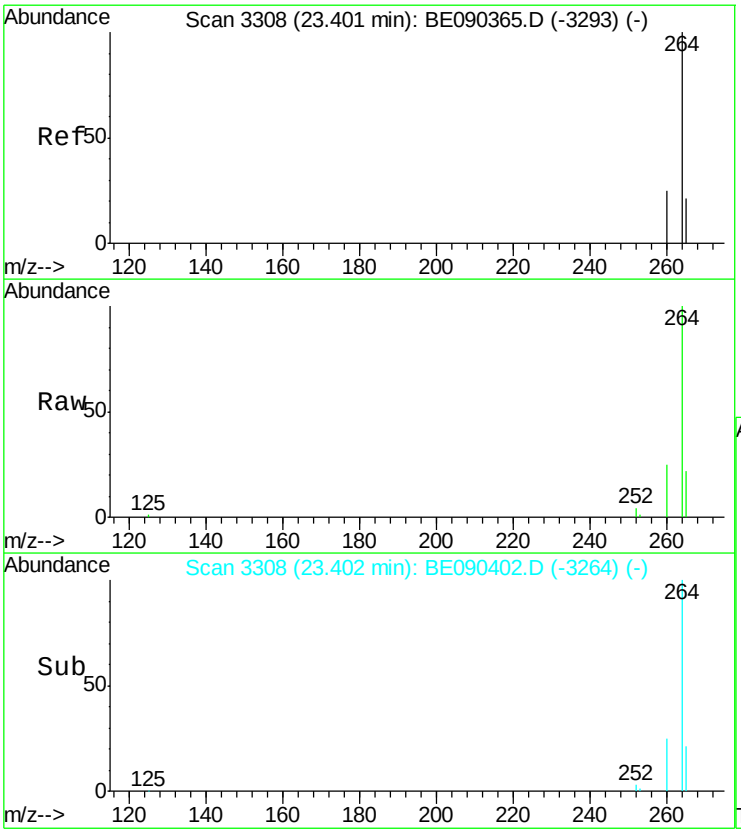
#31
Indeno(1,2,3-cd)pyrene
Concen: 3.50 ng
RT: 25.78 min Scan# 3827
Delta R.T. -0.00 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

Tgt Ion:276 Resp: 149677

Ion	Ratio	Lower	Upper
276	100		
138	26.5	18.8	28.2
277	24.9	18.2	27.4

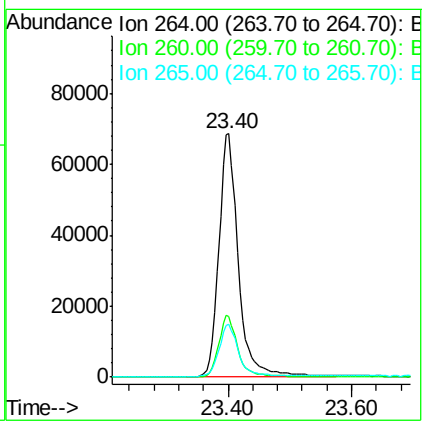


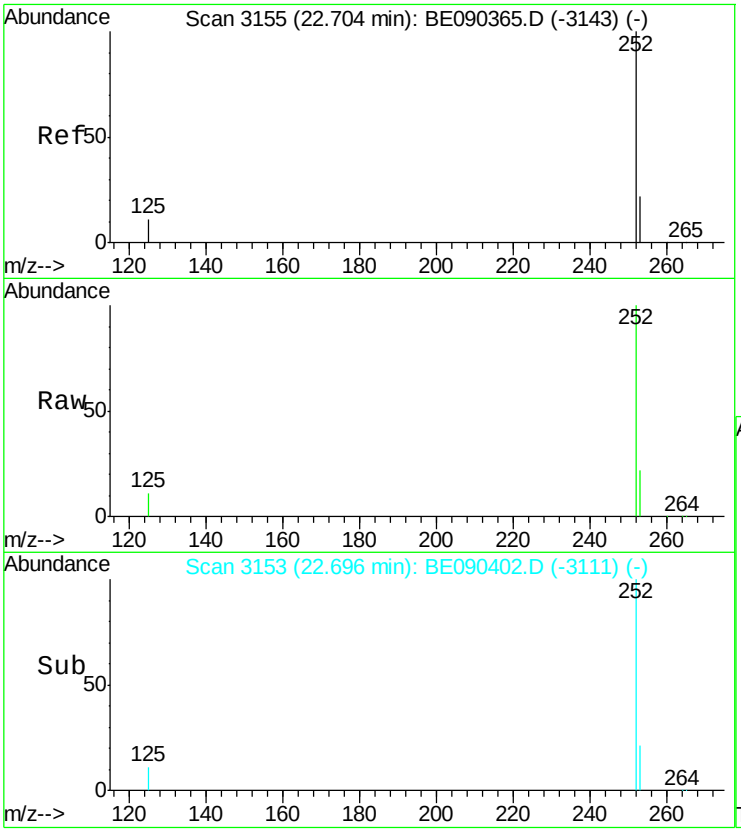


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. 0.00 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Tgt Ion:264 Resp: 150300

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	21.8	17.2	25.8



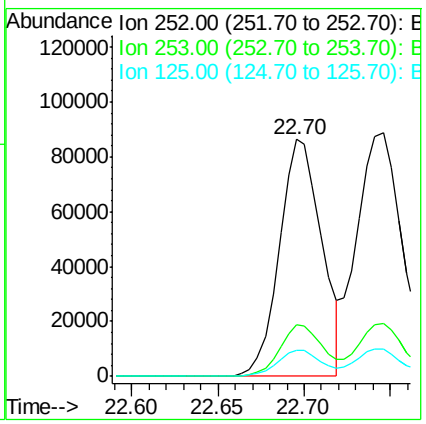


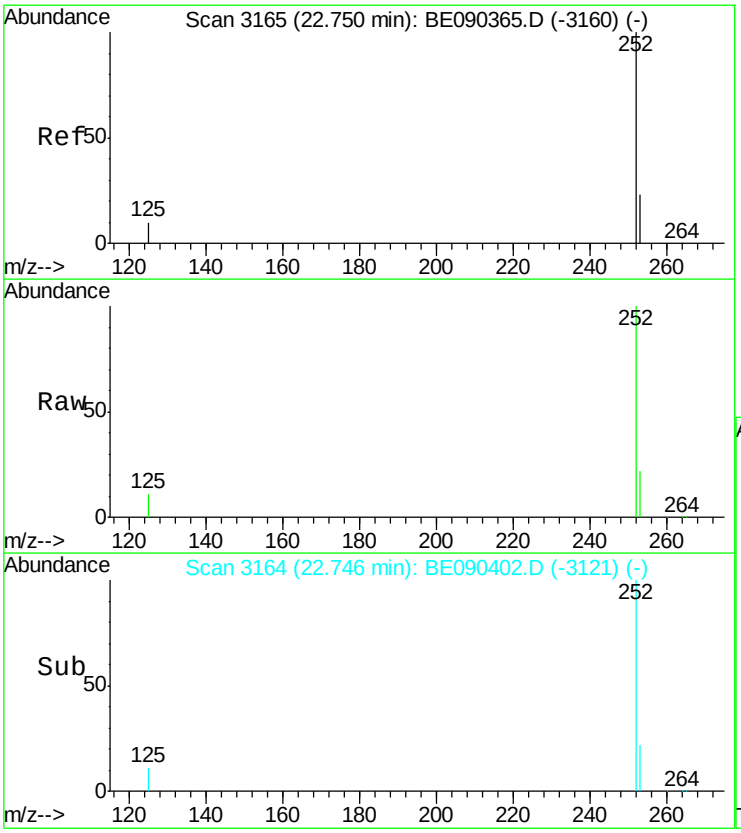
#33
Benzo(b)fluoranthene
Concen: 4.32 ng
RT: 22.70 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

Tgt Ion:252 Resp: 145932

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	11.2	9.4	14.2

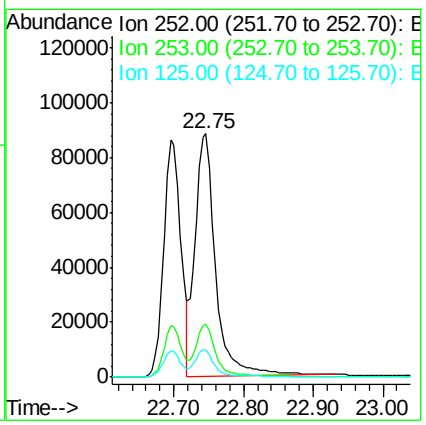


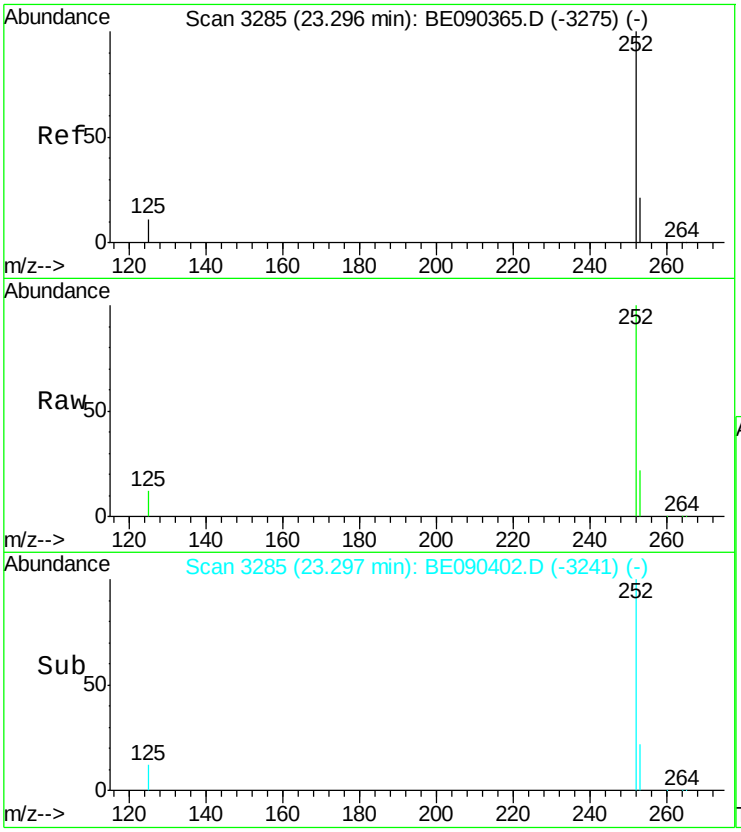


#34
Benzo(k)fluoranthene
Concen: 4.29 ng
RT: 22.75 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Tgt Ion:252 Resp: 179570

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	11.1	9.1	13.7



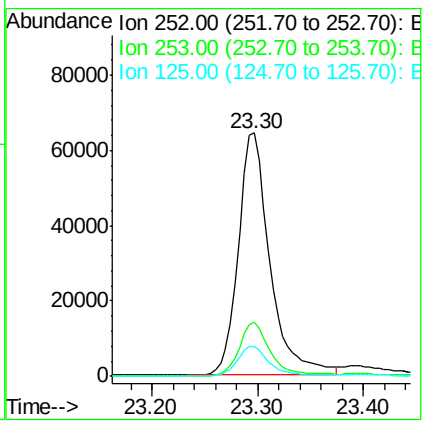


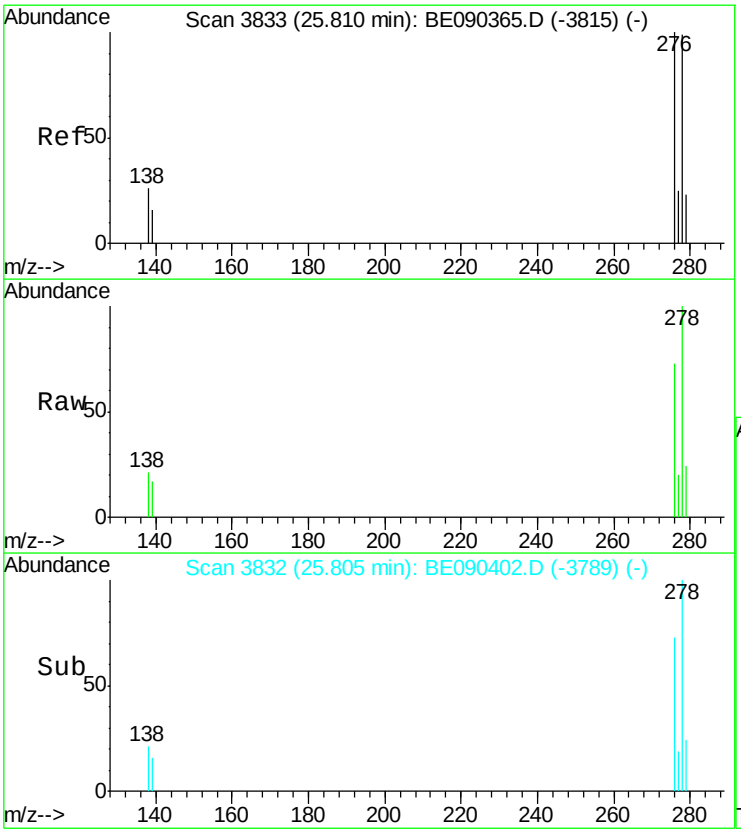
#35
Benzo(a)pyrene
Concen: 4.22 ng
RT: 23.30 min Scan# 3285
Delta R.T. 0.00 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

Tgt Ion:252 Resp: 134397

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	12.2	9.8	14.6

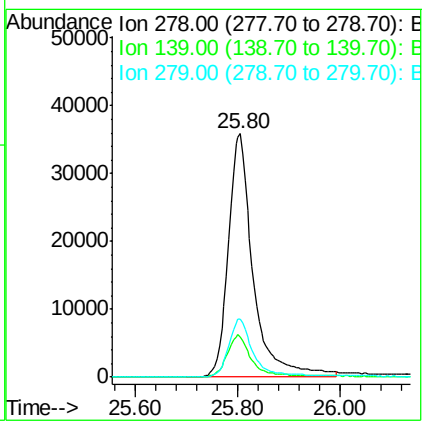


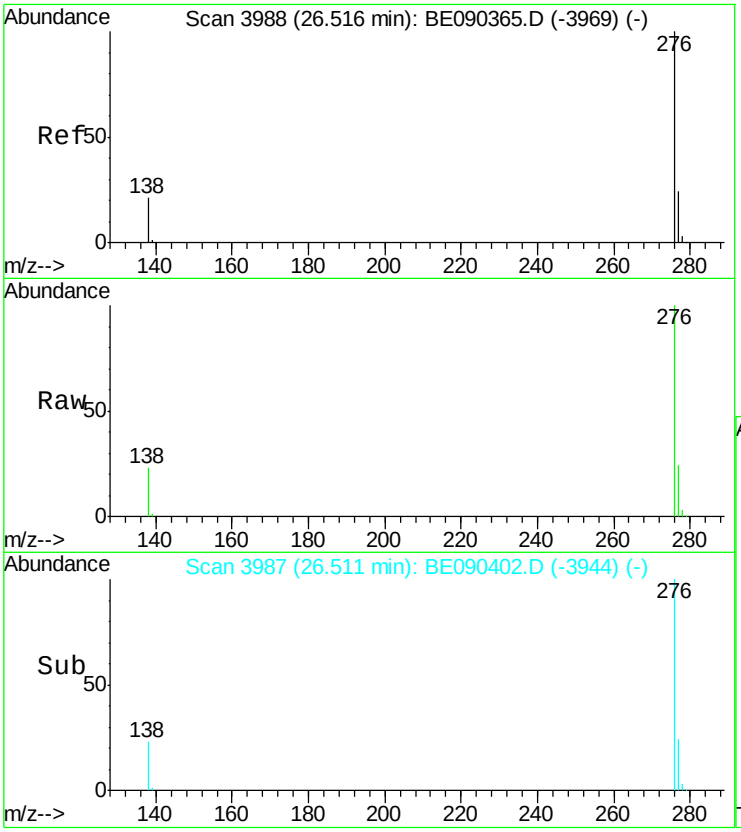


#36
Dibenzo(a,h)anthracene
Concen: 3.89 ng
RT: 25.80 min Scan# 3832
Delta R.T. -0.00 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Tgt Ion:278 Resp: 120371

Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.2	21.4
279	23.7	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 4.75 ng
RT: 26.51 min Scan# 3987
Delta R.T. -0.01 min
Lab File: BE090402.D
Acq: 7 Aug 2015 17:52

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

Tgt Ion:276 Resp: 131896

Ion	Ratio	Lower	Upper
276	100		
277	23.9	20.1	30.1
138	23.2	18.1	27.1