Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081315\
Data File : BE090504.D
Acq On : 13 Aug 2015 17:39
Operator : UM/IZ
Sample : PB84988BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB84988BS

Quant Time: Aug 14 04:33:23 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	25028	5.00	ng		0.00
6) Naphthalene-d8	10.34	136	123556	5.00	ng		0.00
12) Acenaphthene-d10	14.19	164	65505	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	141910	5.00	ng		0.00
25) Chrysene-d12	21.09	240	147899	5.00	ng		0.00
32) Perylene-d12	23.40	264	136878	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	54641	14.55	ng		0.00
5) Phenol-d6	6.77	99	83307	10.16	ng		0.00
7) Nitrobenzene-d5	8.72	82	37251	3.76	ng		-0.01
13) 2,4,6-Tribromophenol	15.69	330	22972	10.15	ng		-0.02
14) 2-Fluorobiphenyl	12.82	172	69524	3.86	ng		0.00
27) Terphenyl-d14	19.55	244	99529	4.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	10745	3.61	ng	#	91
3) n-Nitrosodimethylamine	3.49	42	15025	3.88	ng	#	72
8) Nitrobenzene	8.76	77	37398	3.54	ng		94
9) Naphthalene	10.38	128	92391	3.39	ng		98
10) Hexachlorobutadiene	10.68	225	13337	3.21	ng		99
11) 2-Methylnaphthalene	12.00	142	63064	3.99	ng		97
15) Acenaphthylene	13.91	152	412046	3.88	ng		100
16) Acenaphthene	14.26	154	62929	3.82	ng	#	76
17) Fluorene	15.24	166	80213	3.74	ng		97
19) 4-Bromophenyl-phenylether	16.14	248	22055	4.00	ng		83
20) Hexachlorobenzene	16.27	284	92211	3.23	ng		96
21) Pentachlorophenol	16.60	266	25842	9.88	ng		89
22) Phenanthrene	16.98	178	135287	3.81	ng		100
23) Anthracene	17.07	178	133927	4.59	ng		100
24) Fluoranthene	18.98	202	153285	4.39	ng		98
26) Pyrene	19.34	202	161352	5.03	ng		99
28) Benzo(a)anthracene	21.08	228	145484	4.44	ng		99
29) Chrysene	21.13	228	146517	3.70	ng		97
30) Bis(2-ethylhexyl)phthalate	21.03	149	101849	7.28	ng		97
31) Indeno(1,2,3-cd)pyrene	25.78	276	147877	4.18	ng	#	91
33) Benzo(b)fluoranthene	22.70	252	131927	4.29	ng		99
34) Benzo(k)fluoranthene	22.74	252	142789	3.75	ng		98
35) Benzo(a)pyrene	23.29	252	131307	4.51	ng		98
36) Dibenzo(a,h)anthracene	25.80	278	119017	4.20	ng		97
37) Benzo(g,h,i)perylene	26.51	276	129285	5.12	ng		95

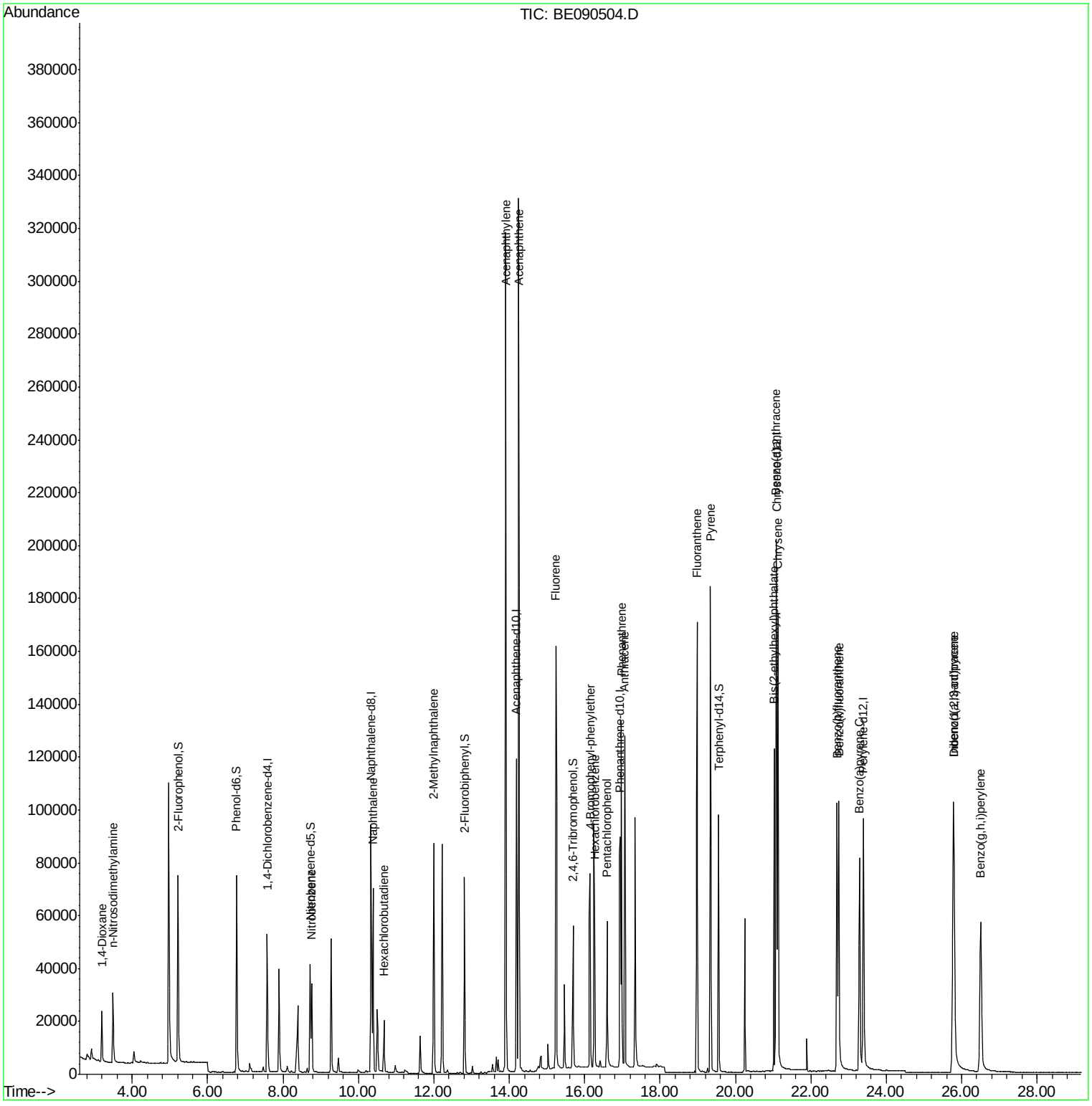
(#) = qualifier out of range (m) = manual integration (+) = signals summed

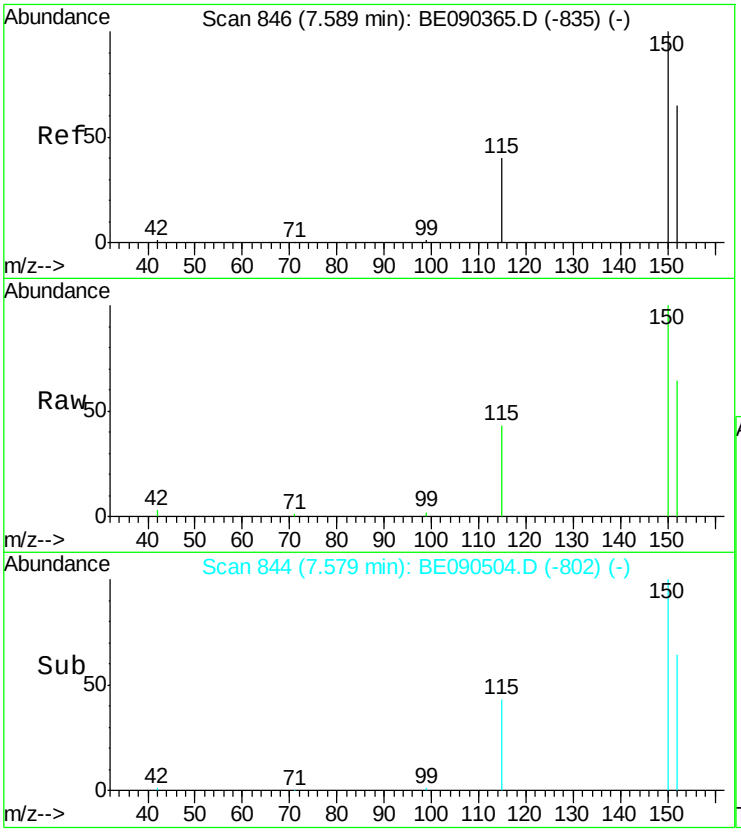
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081315\
Data File : BE090504.D
Acq On : 13 Aug 2015 17:39
Operator : UM/IZ
Sample : PB84988BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB84988BS

Quant Time: Aug 14 04:33:23 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



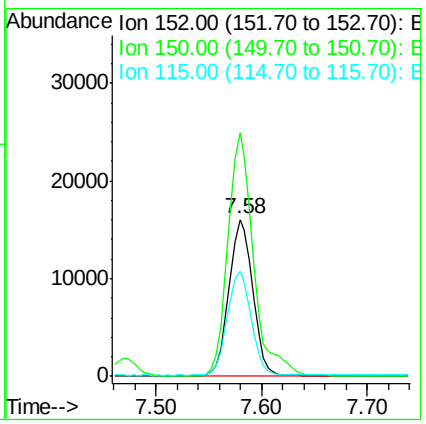


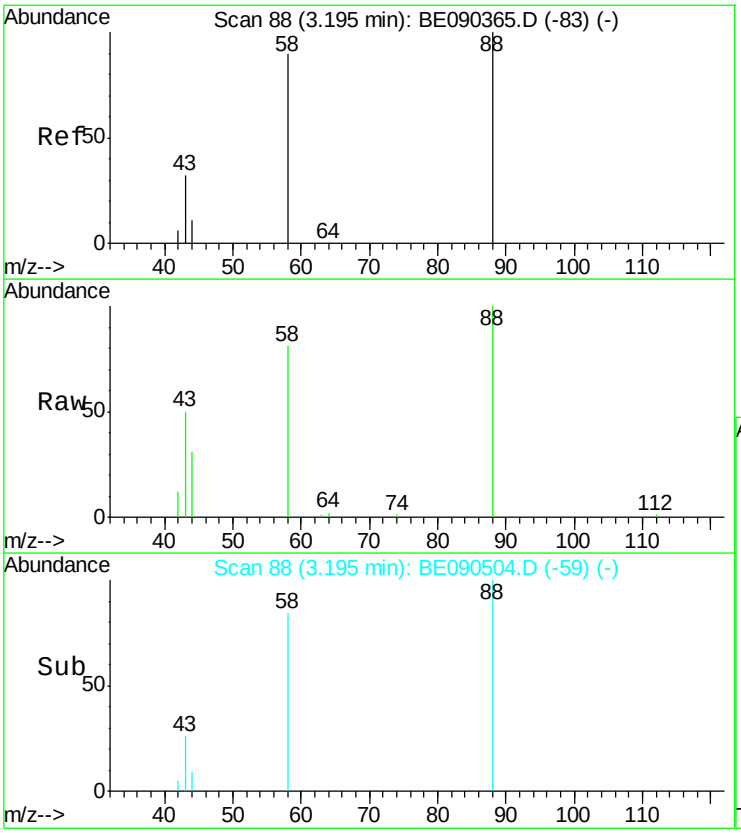
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.01 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Instrument :
BNA_E
ClientSampleId :
PB84988BS

Tgt Ion:152 Resp: 25028

Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.0	184.4
115	67.1	48.9	73.3

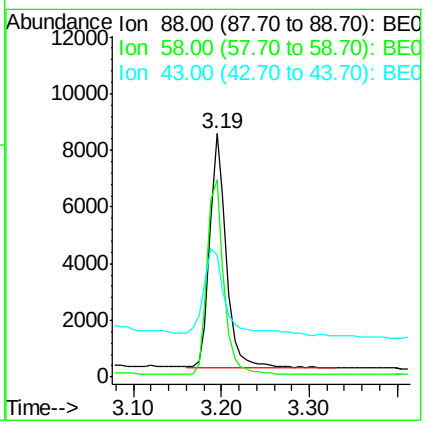


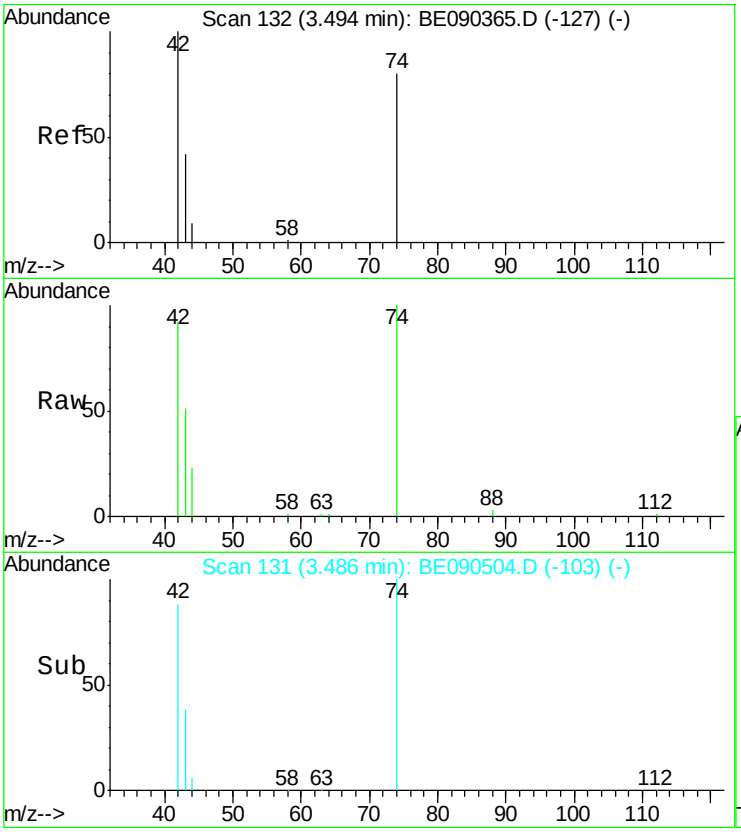


#2
1,4-Dioxane
Concen: 3.61 ng
RT: 3.19 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Tgt Ion: 88 Resp: 10745

Ion	Ratio	Lower	Upper
88	100		
58	85.2	70.0	105.0
43	49.9	28.4	42.6#



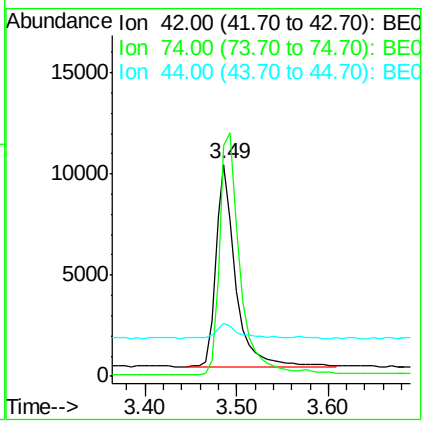


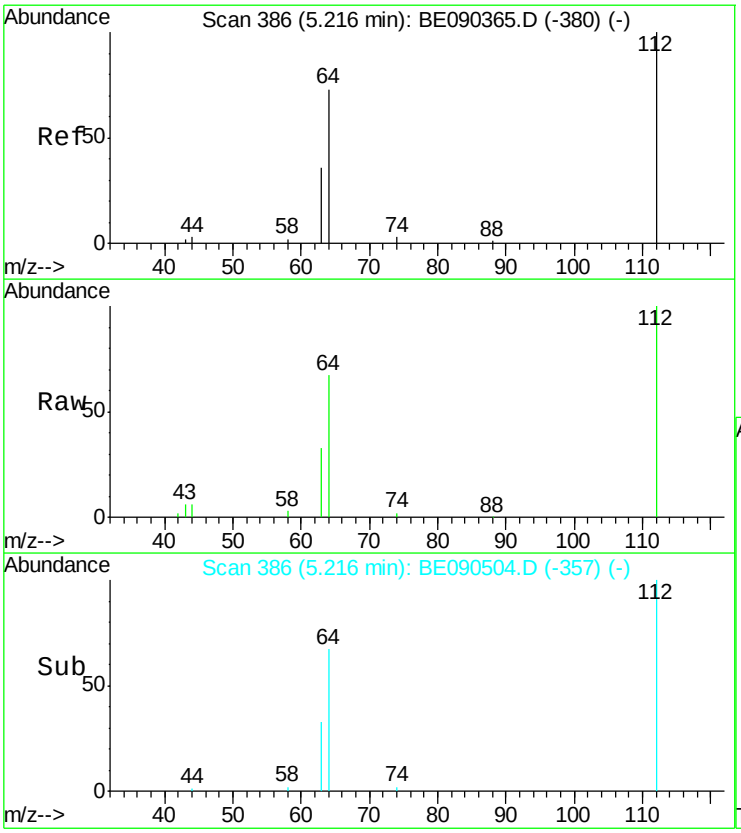
#3
n-Nitrosodimethylamine
Concen: 3.88 ng
RT: 3.49 min Scan# 131
Delta R.T. -0.01 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Instrument :
BNA_E
ClientSampleId :
PB84988BS

Tgt Ion: 42 Resp: 15025

Ion	Ratio	Lower	Upper
42	100		
74	123.7	75.2	112.8#
44	8.6	8.7	13.1#

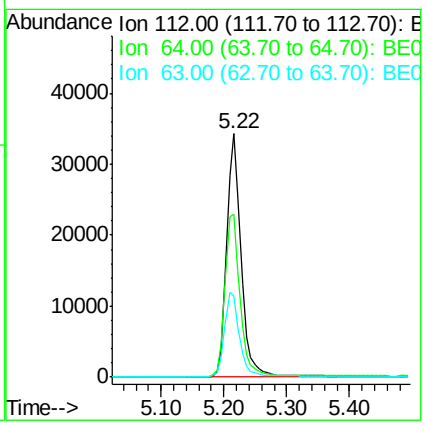


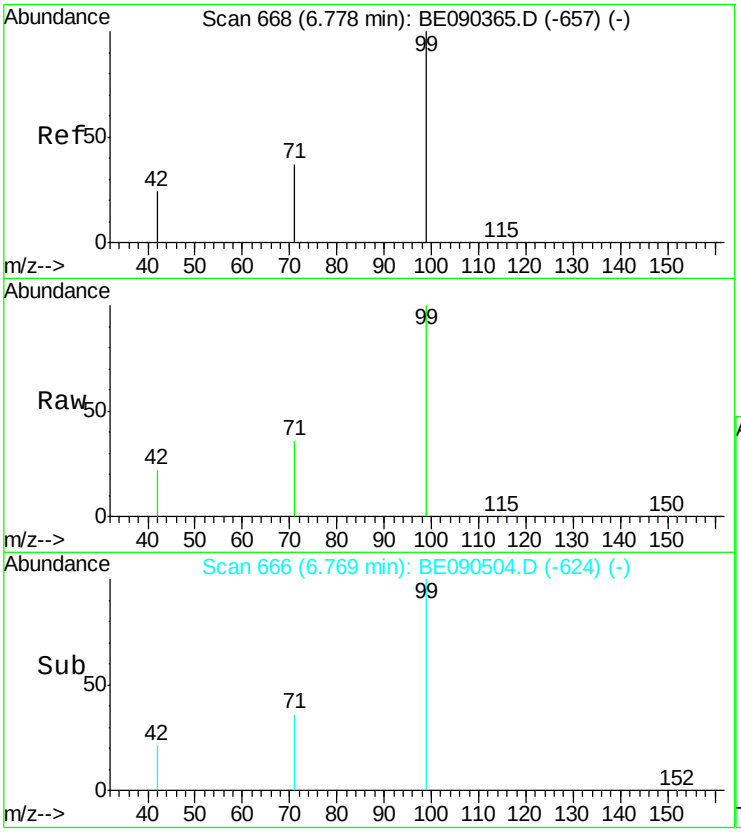


#4
2-Fluorophenol
Concen: 14.55 ng
RT: 5.22 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Tgt Ion:112 Resp: 54641

Ion	Ratio	Lower	Upper
112	100		
64	70.4	37.1	55.7#
63	35.9	19.5	29.3#



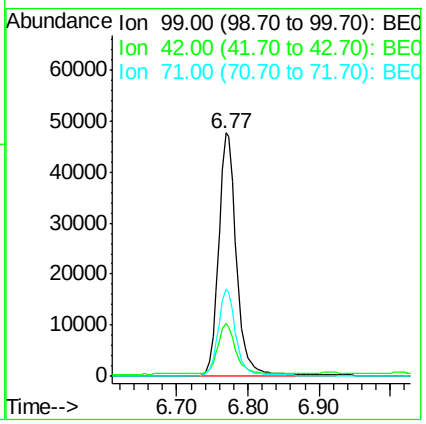


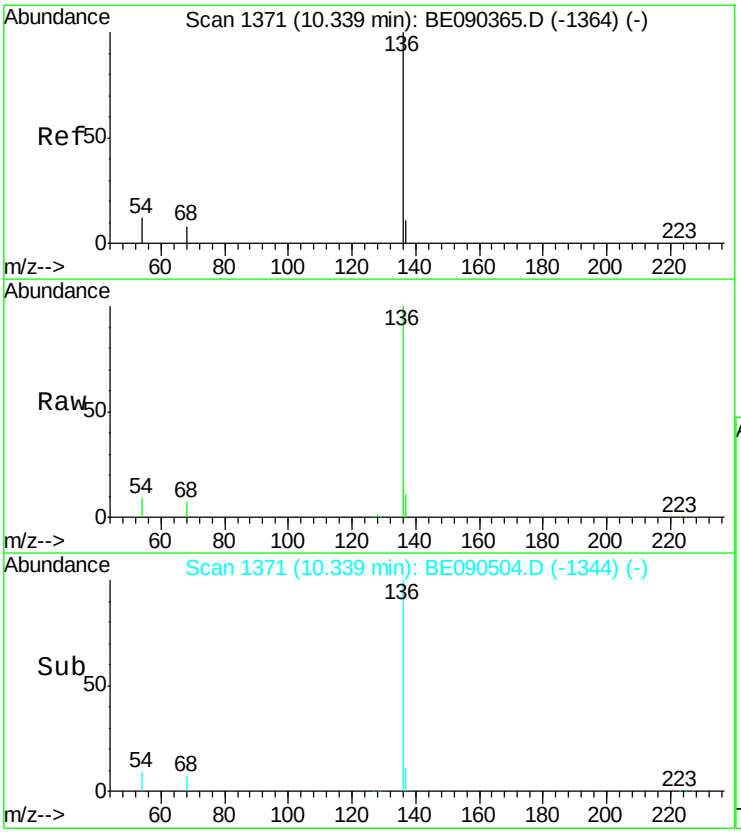
#5
Phenol-d6
Concen: 10.16 ng
RT: 6.77 min Scan# 666
Delta R.T. -0.01 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Instrument :
BNA_E
ClientSampleId :
PB84988BS

Tgt Ion: 99 Resp: 83307

Ion	Ratio	Lower	Upper
99	100		
42	20.6	18.2	27.4
71	35.4	27.4	41.0

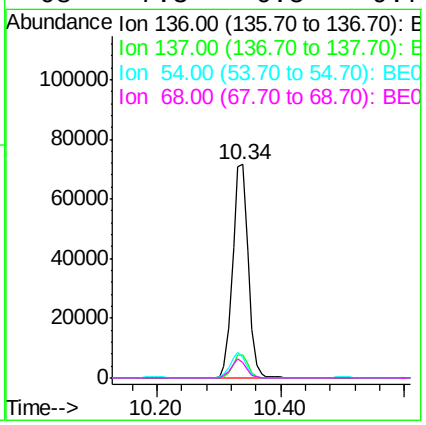


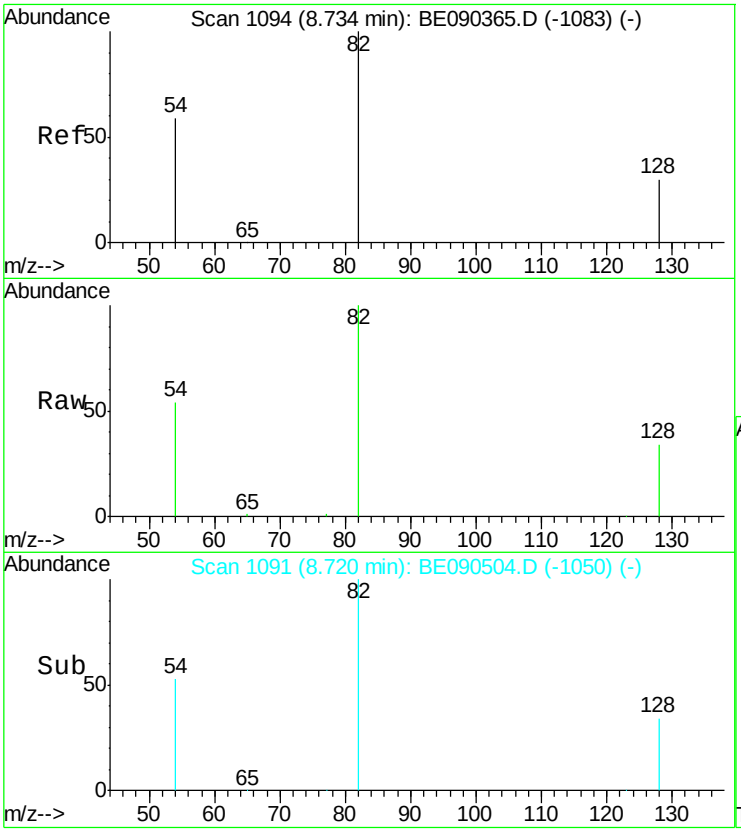


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Tgt Ion:136 Resp: 123556

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.4	9.4	14.0
68	7.3	6.5	9.7



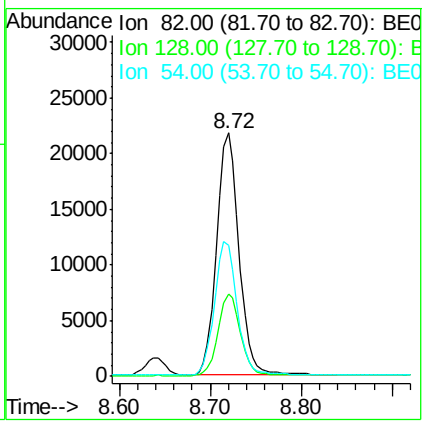


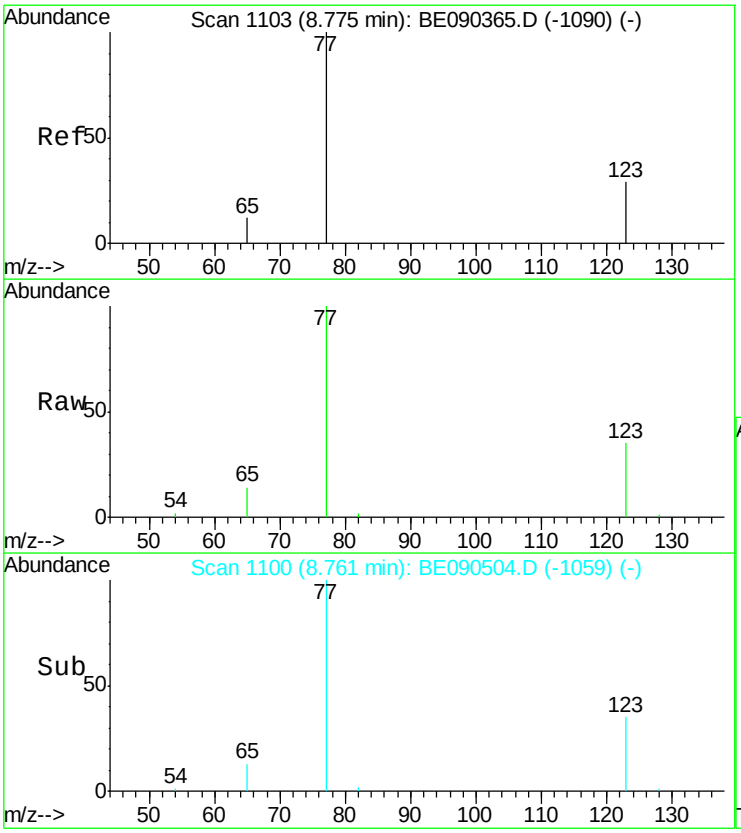
#7
Nitrobenzene-d5
Concen: 3.76 ng
RT: 8.72 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Instrument :
BNA_E
ClientSampleId :
PB84988BS

Tgt Ion: 82 Resp: 37251

Ion	Ratio	Lower	Upper
82	100		
128	33.8	25.0	37.6
54	53.6	48.8	73.2

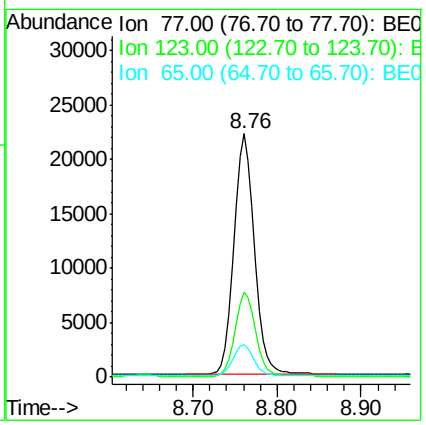


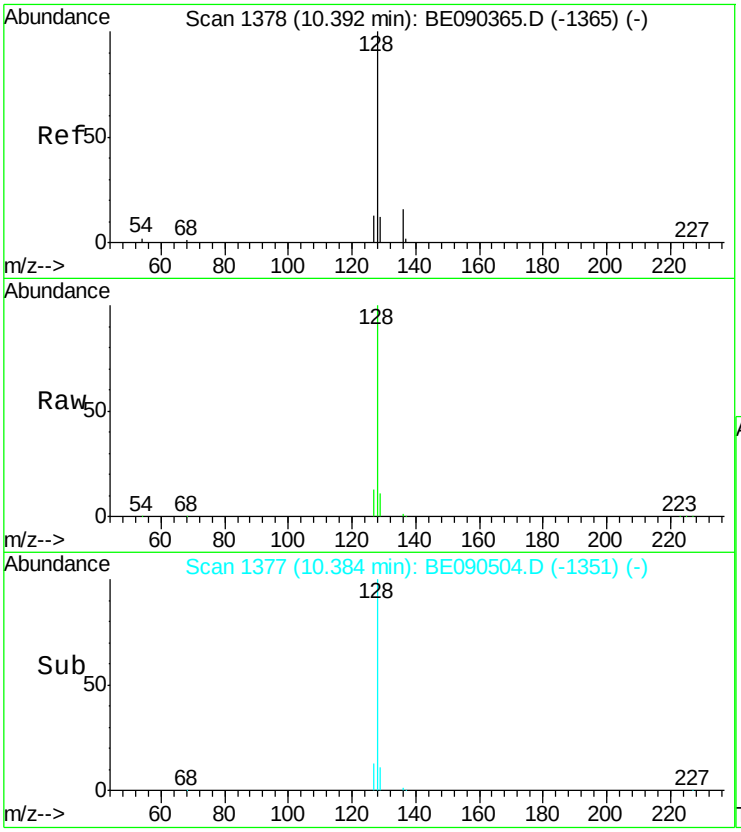


#8
Nitrobenzene
Concen: 3.54 ng
RT: 8.76 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Tgt Ion: 77 Resp: 37398

Ion	Ratio	Lower	Upper
77	100		
123	35.2	25.1	37.7
65	13.4	9.3	13.9



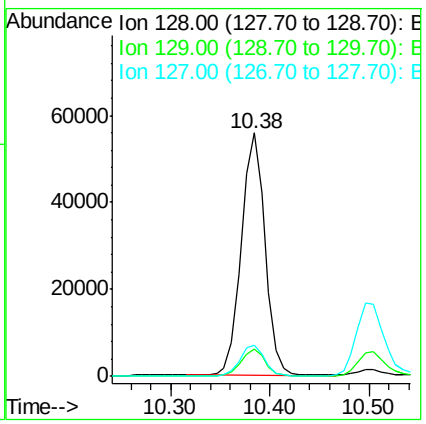


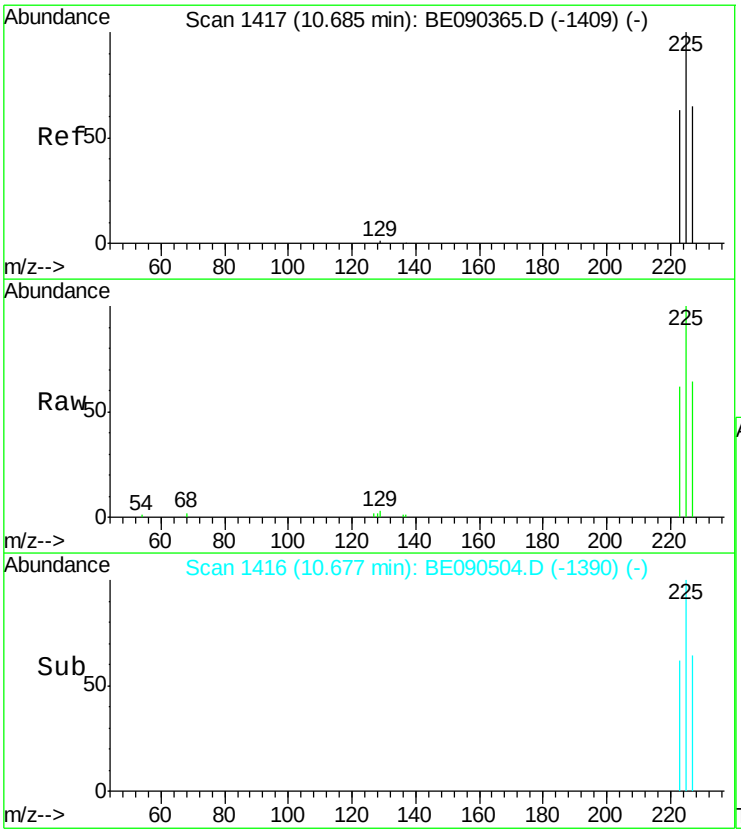
#9
Naphthalene
Concen: 3.39 ng
RT: 10.38 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Instrument :
BNA_E
ClientSampleId :
PB84988BS

Tgt Ion:128 Resp: 92391

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

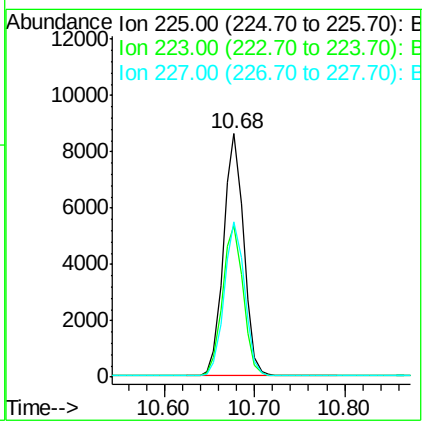


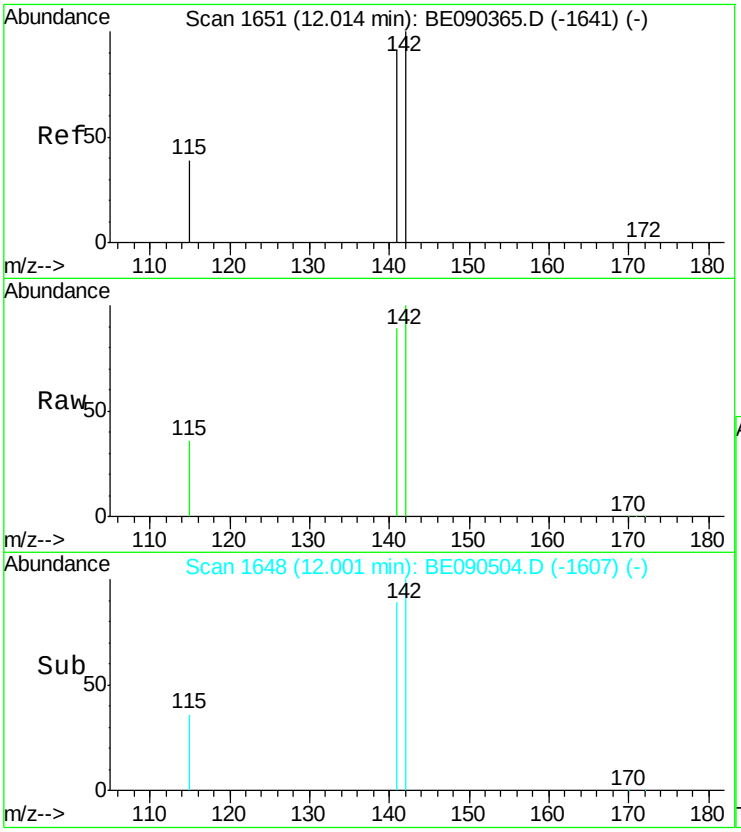


#10
Hexachlorobutadiene
Concen: 3.21 ng
RT: 10.68 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Tgt Ion:225 Resp: 13337

Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	75.8
227	64.2	50.7	76.1



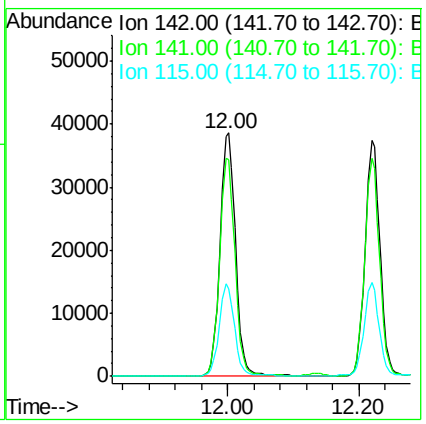


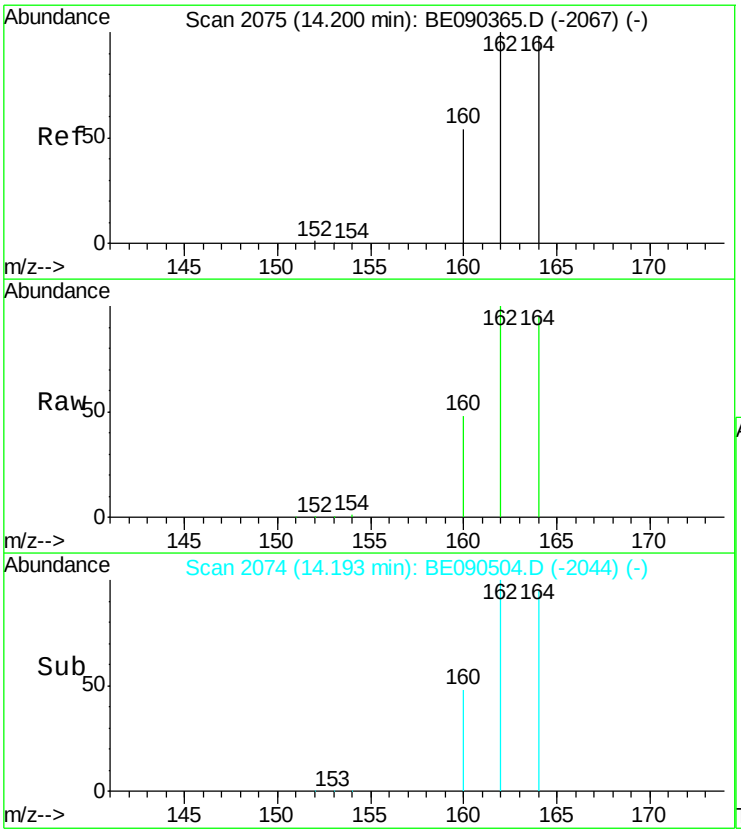
#11
2-Methylnaphthalene
Concen: 3.99 ng
RT: 12.00 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Instrument :
BNA_E
ClientSampleId :
PB84988BS

Tgt Ion:142 Resp: 63064

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.6	109.0
115	36.0	31.6	47.4

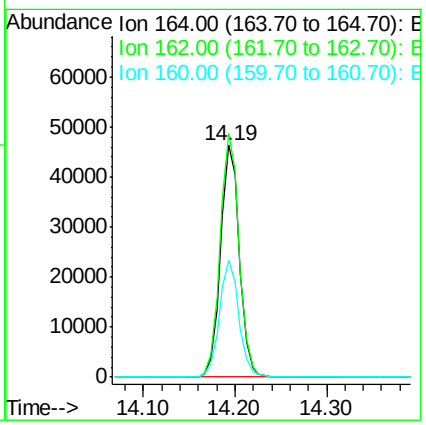


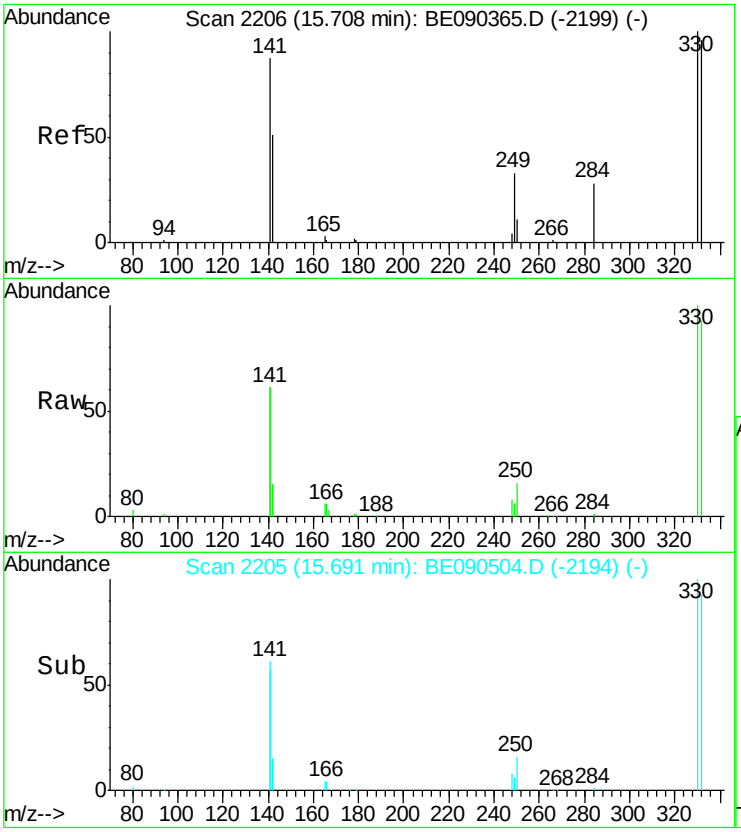


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Tgt Ion:164 Resp: 65505

Ion	Ratio	Lower	Upper
164	100		
162	105.0	81.8	122.8
160	50.2	44.2	66.4



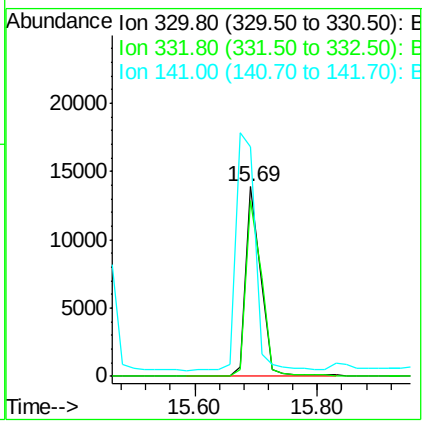


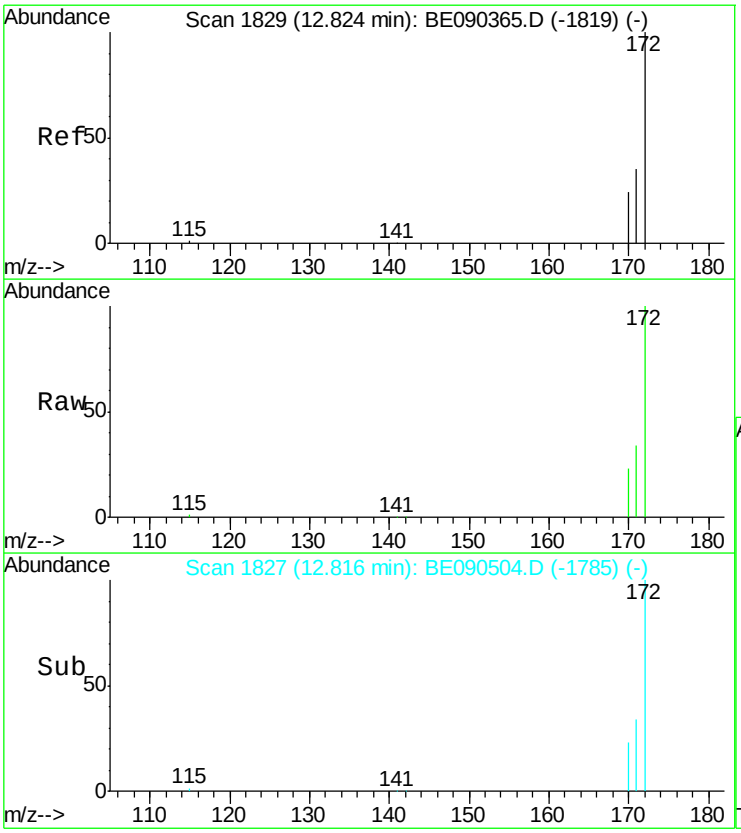
#13
2,4,6-Tribromophenol
Concen: 10.15 ng
RT: 15.69 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Instrument :
BNA_E
ClientSampleId :
PB84988BS

Tgt Ion:330 Resp: 22972

Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.8	113.6
141	164.3	114.4	171.6

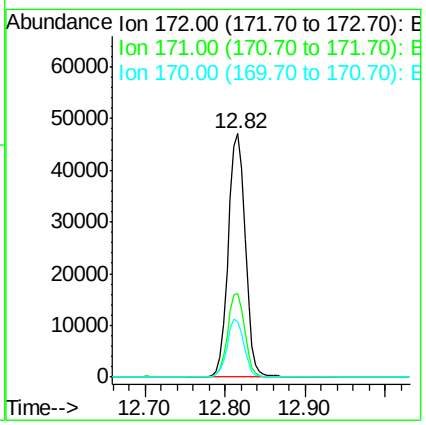


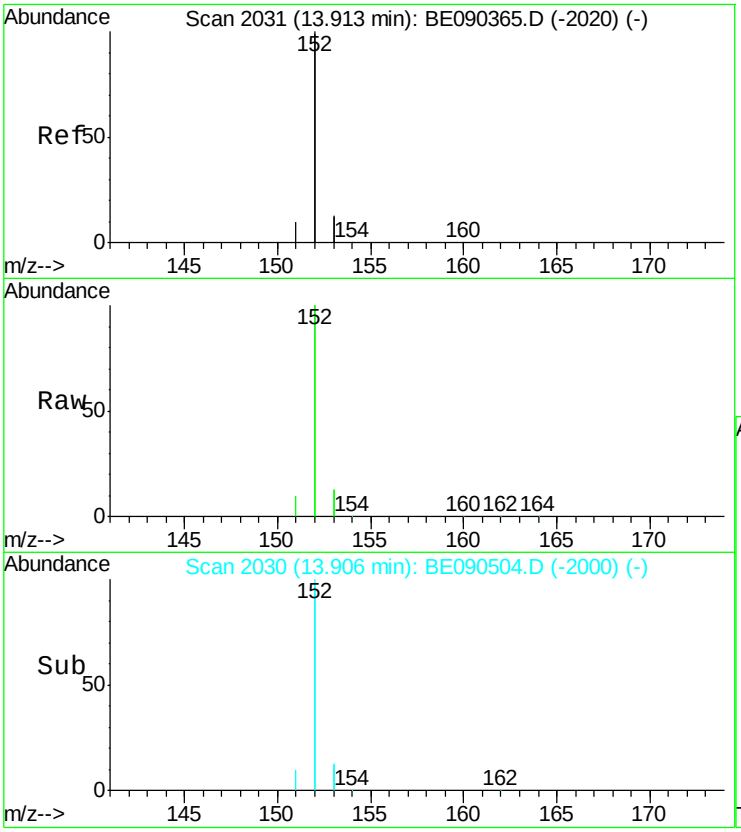


#14
2-Fluorobiphenyl
Concen: 3.86 ng
RT: 12.82 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Tgt Ion:172 Resp: 69524

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.5	42.7
170	22.8	19.8	29.8



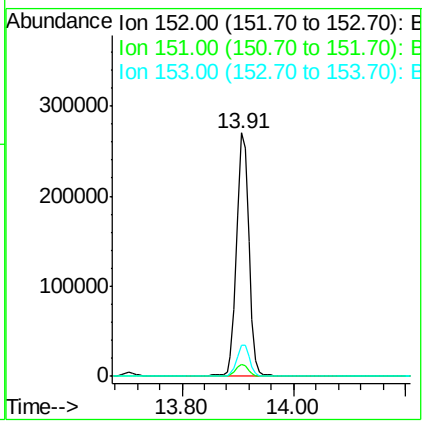


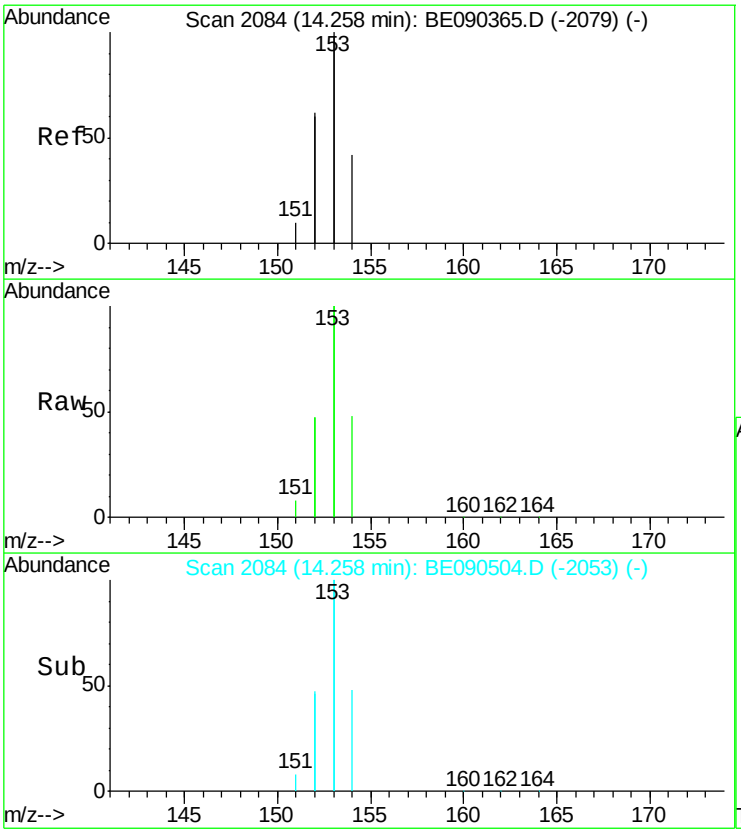
#15
Acenaphthylene
Concen: 3.88 ng
RT: 13.91 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Instrument :
BNA_E
ClientSampleId :
PB84988BS

Tgt Ion:152 Resp: 412046

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.8	5.8
153	13.0	10.3	15.5

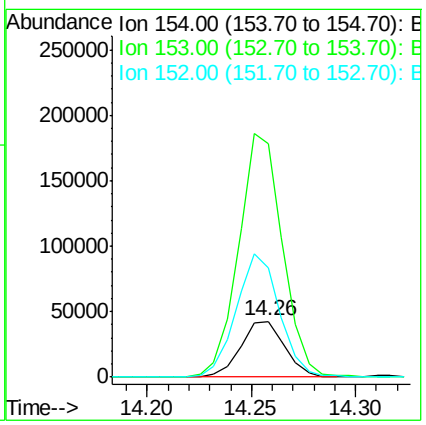


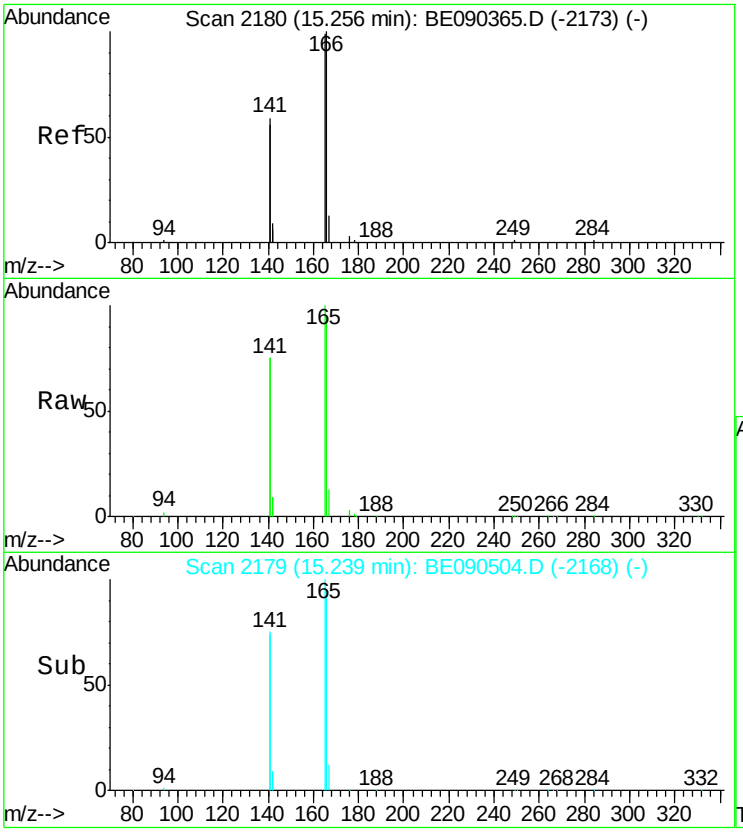


#16
Acenaphthene
Concen: 3.82 ng
RT: 14.26 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Tgt Ion:154 Resp: 62929

Ion	Ratio	Lower	Upper
154	100		
153	432.5	376.2	564.2
152	216.4	235.0	352.4#



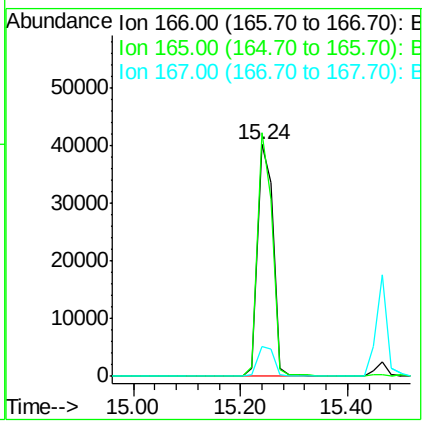


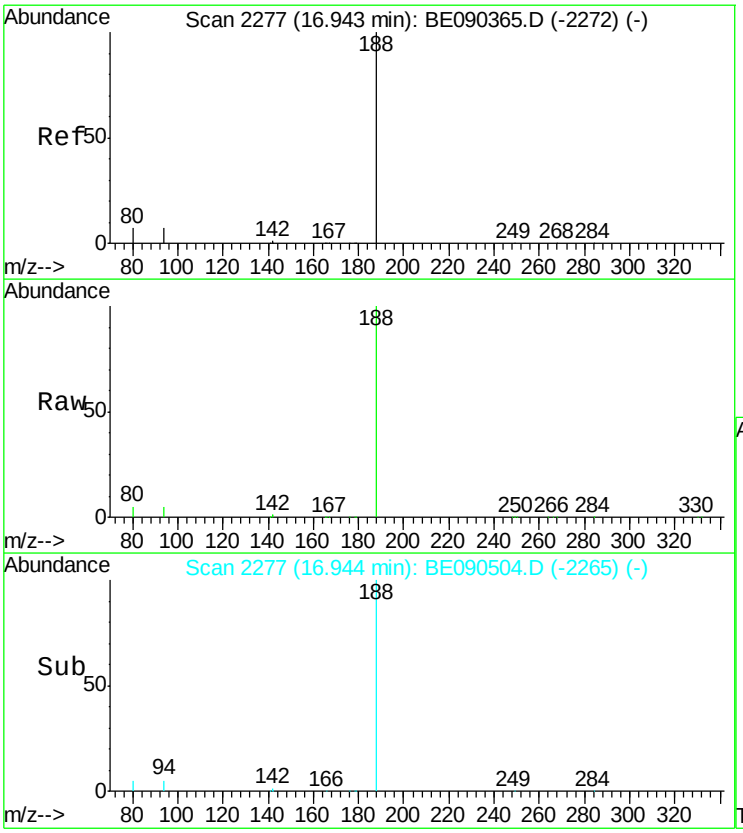
#17
Fluorene
Concen: 3.74 ng
RT: 15.24 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Instrument :
BNA_E
ClientSampleId :
PB84988BS

Tgt Ion:166 Resp: 80213

Ion	Ratio	Lower	Upper
166	100		
165	99.1	81.5	122.3
167	13.4	11.4	17.0

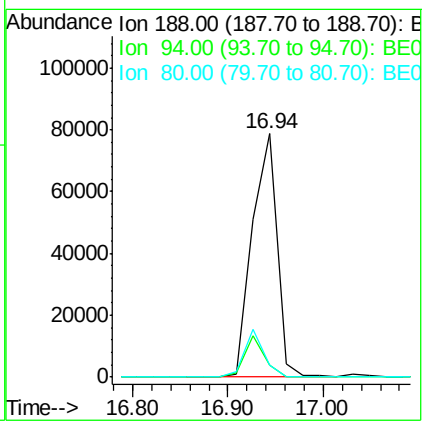


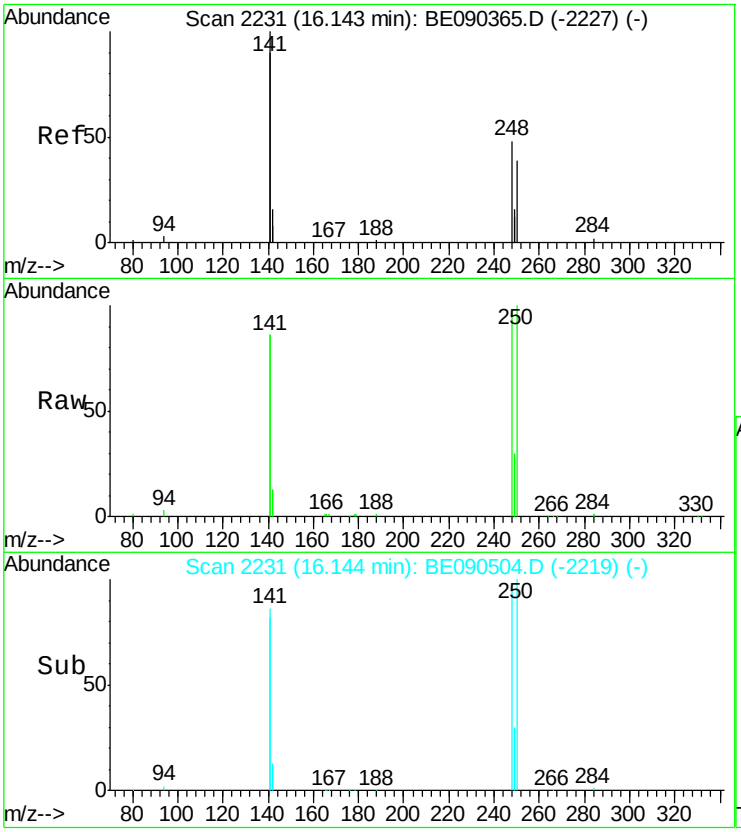


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Tgt Ion:188 Resp: 141910

Ion	Ratio	Lower	Upper
188	100		
94	5.0	5.7	8.5#
80	4.9	5.8	8.8#



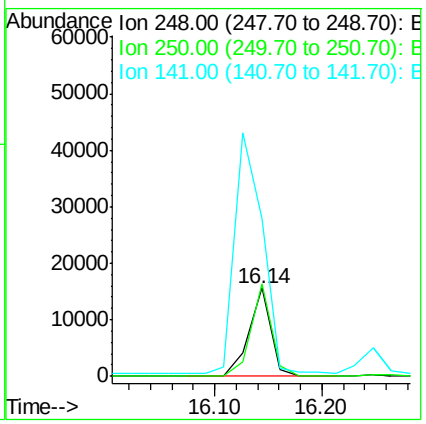


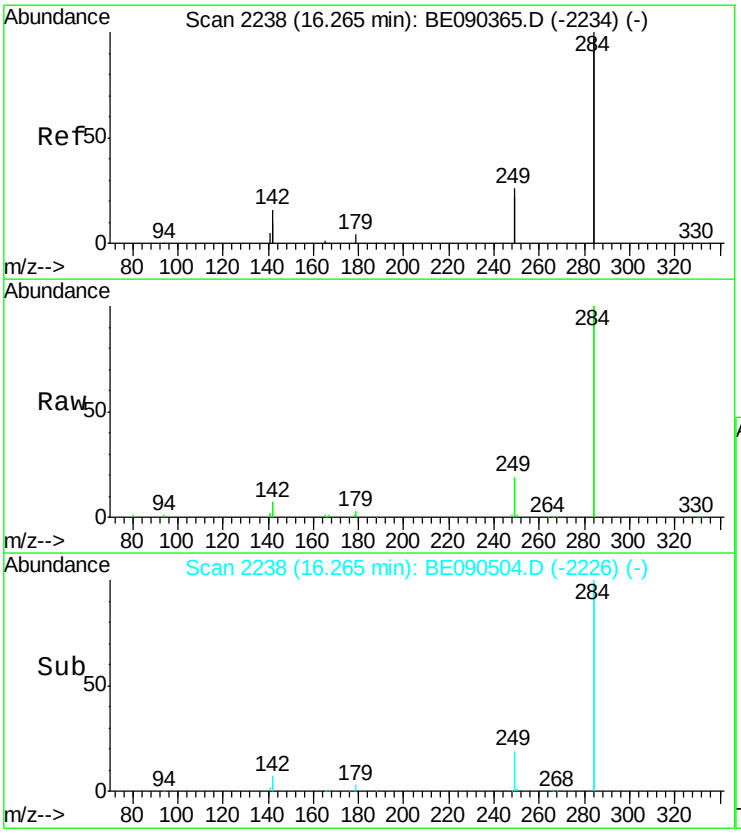
#19
4-Bromophenyl-phenylether
Concen: 4.00 ng
RT: 16.14 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Instrument :
BNA_E
ClientSampleId :
PB84988BS

Tgt Ion:248 Resp: 22055

Ion	Ratio	Lower	Upper
248	100		
250	98.5	79.0	118.6
141	344.4	239.5	359.3

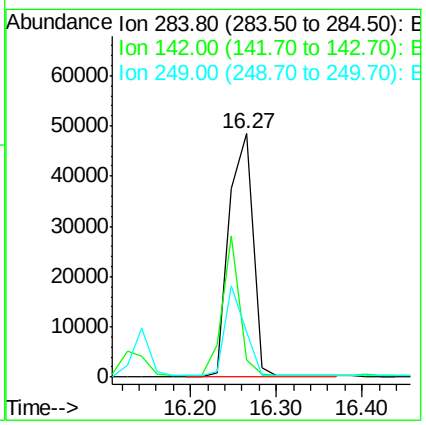


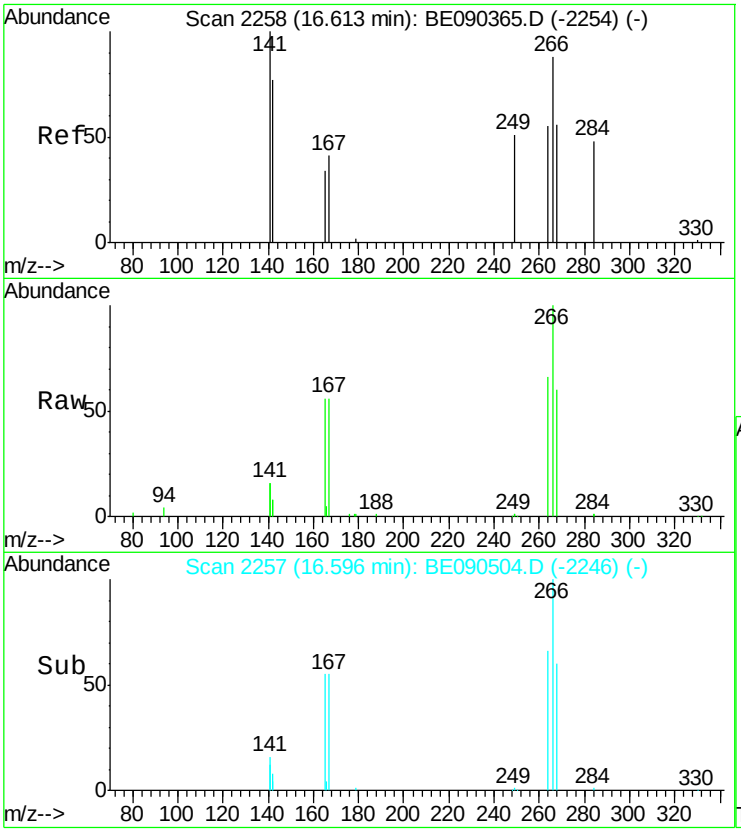


#20
Hexachlorobenzene
Concen: 3.23 ng
RT: 16.27 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Tgt Ion:284 Resp: 92211

Ion	Ratio	Lower	Upper
284	100		
142	41.6	30.1	45.1
249	31.7	25.7	38.5



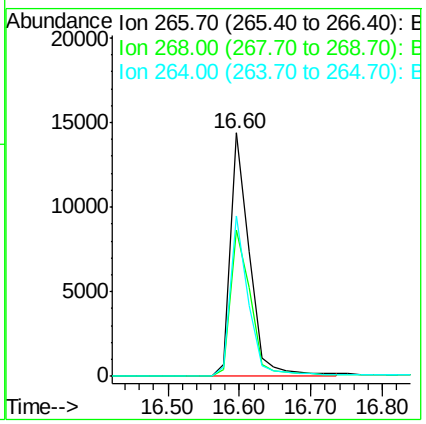


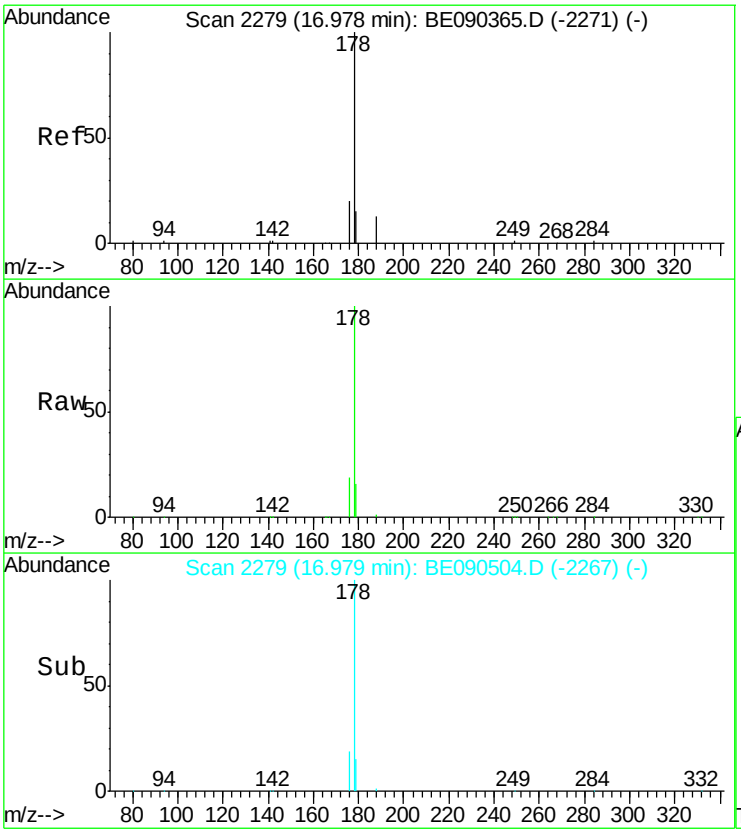
#21
Pentachlorophenol
Concen: 9.88 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Instrument :
BNA_E
ClientSampleId :
PB84988BS

Tgt Ion:266 Resp: 25842

Ion	Ratio	Lower	Upper
266	100		
268	60.1	58.5	87.7
264	65.6	56.0	84.0

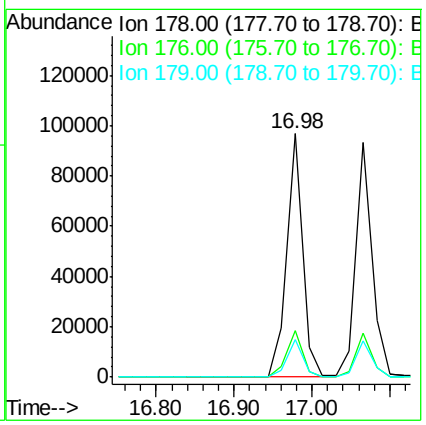


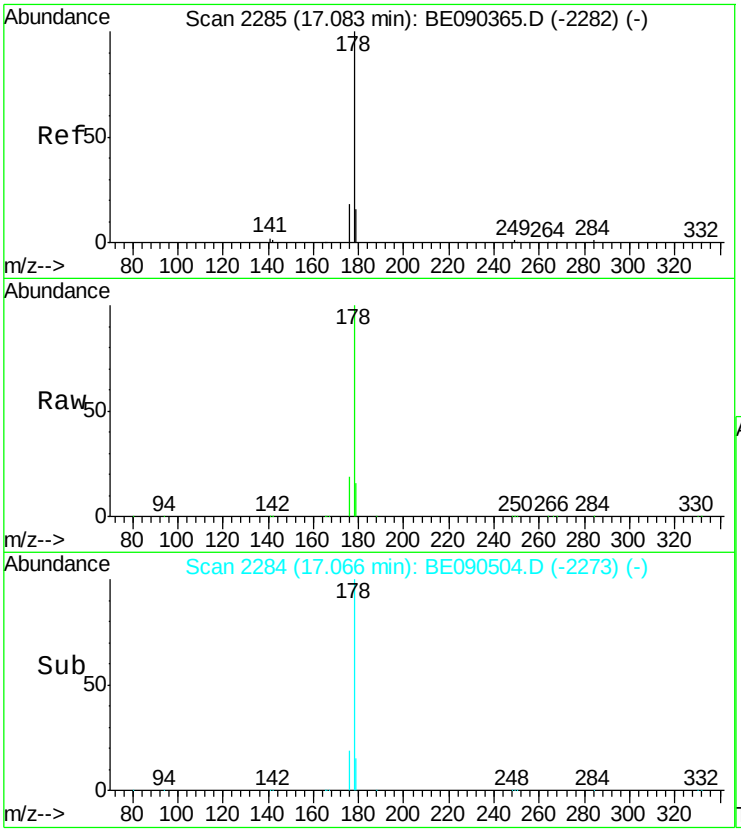


#22
Phenanthrene
Concen: 3.81 ng
RT: 16.98 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Tgt Ion:178 Resp: 135287

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.4	12.5	18.7



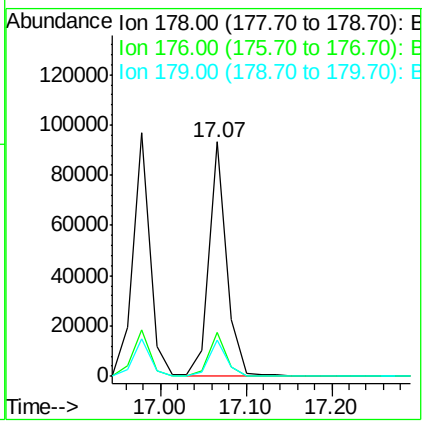


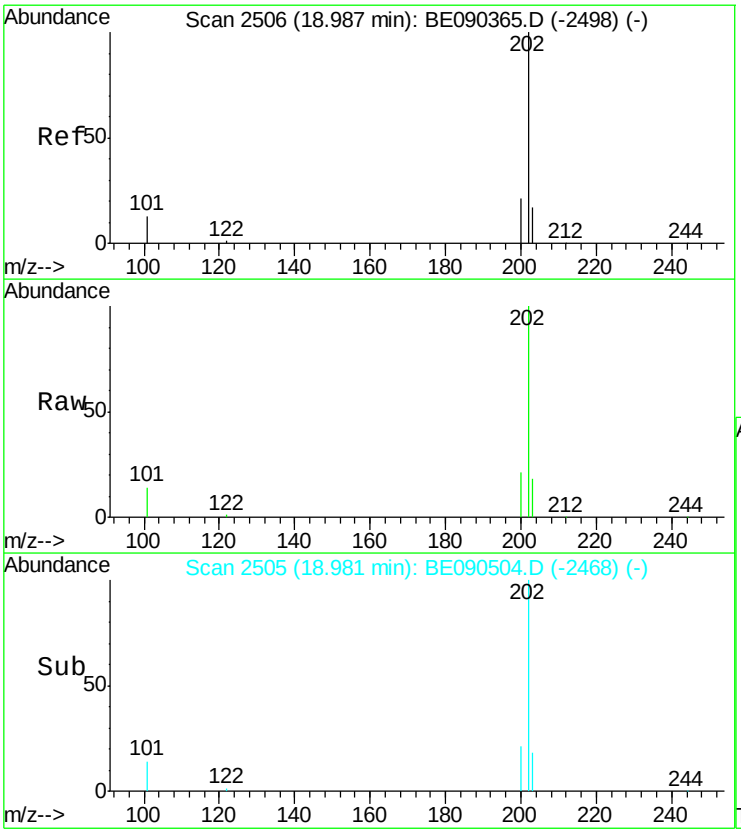
#23
Anthracene
Concen: 4.59 ng
RT: 17.07 min Scan# 2284
Delta R.T. -0.02 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Instrument :
BNA_E
ClientSampleId :
PB84988BS

Tgt Ion:178 Resp: 133927

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.7	12.2	18.4

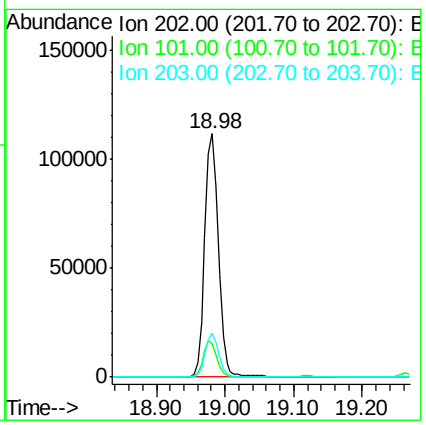


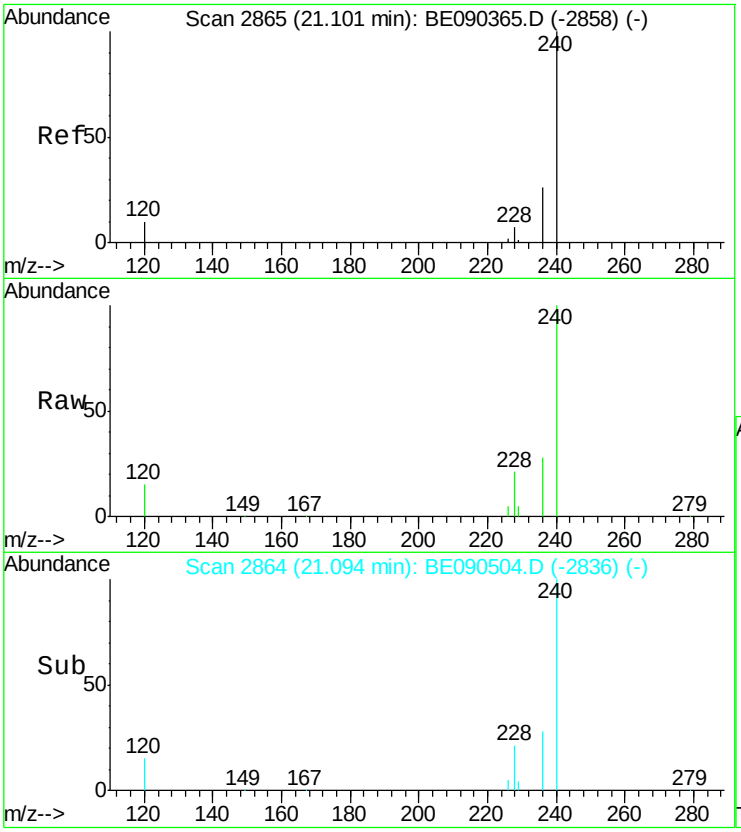


#24
Fluoranthene
Concen: 4.39 ng
RT: 18.98 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Tgt Ion:202 Resp: 153285

Ion	Ratio	Lower	Upper
202	100		
101	14.5	10.3	15.5
203	17.3	13.7	20.5



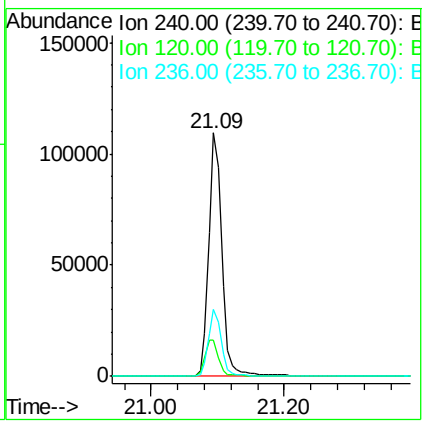


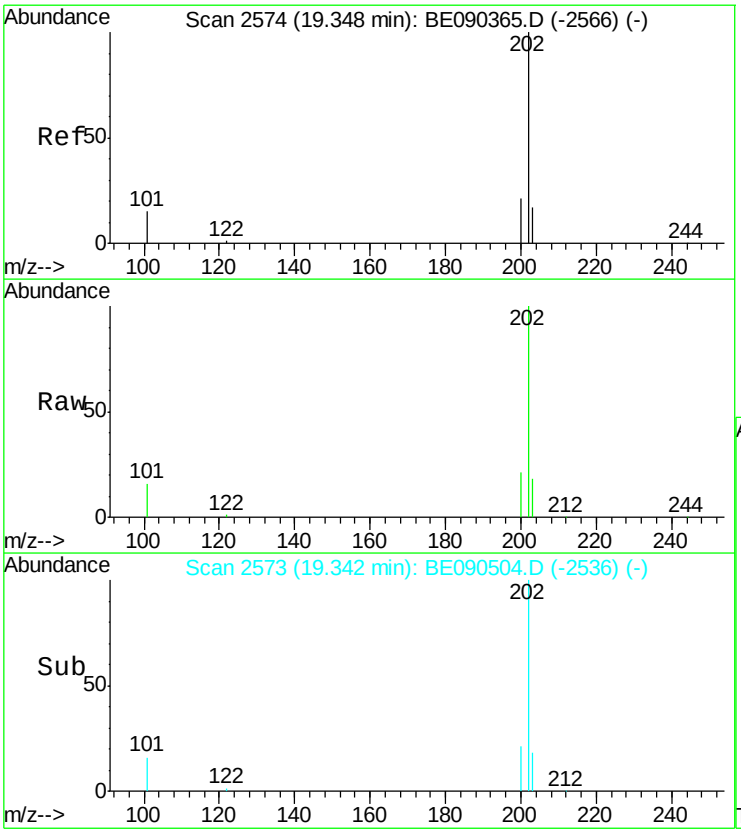
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Instrument :
BNA_E
ClientSampleId :
PB84988BS

Tgt Ion:240 Resp: 147899

Ion	Ratio	Lower	Upper
240	100		
120	15.1	8.3	12.5#
236	27.6	21.0	31.4

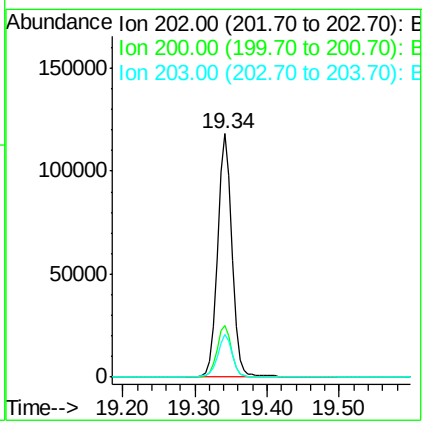


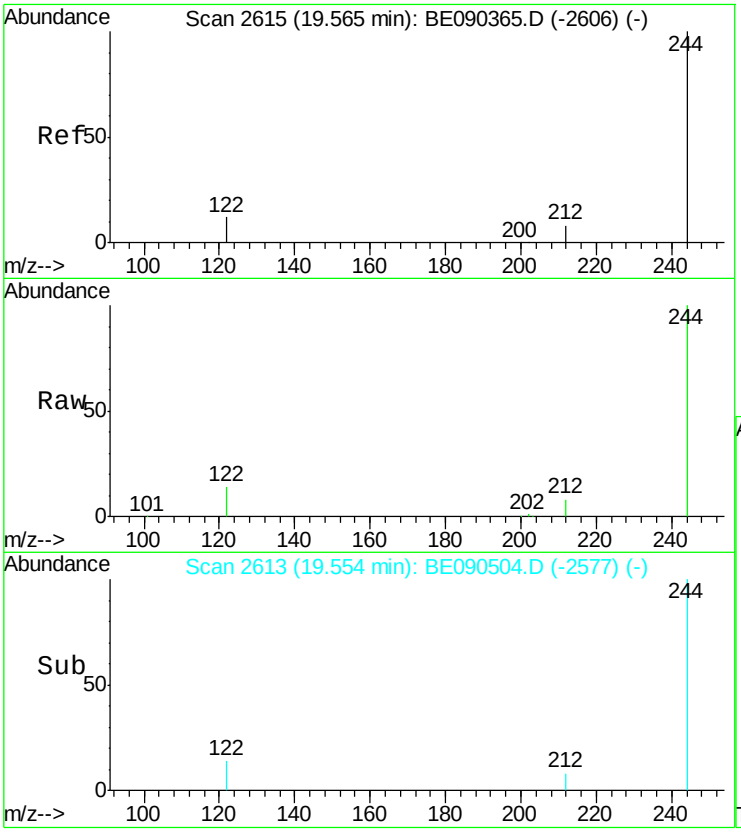


#26
Pyrene
Concen: 5.03 ng
RT: 19.34 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Tgt Ion:202 Resp: 161352

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.7	25.1
203	17.9	13.8	20.8



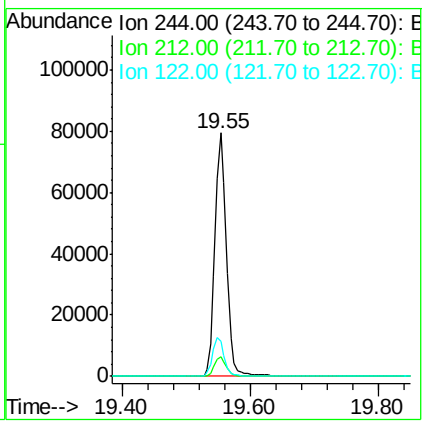


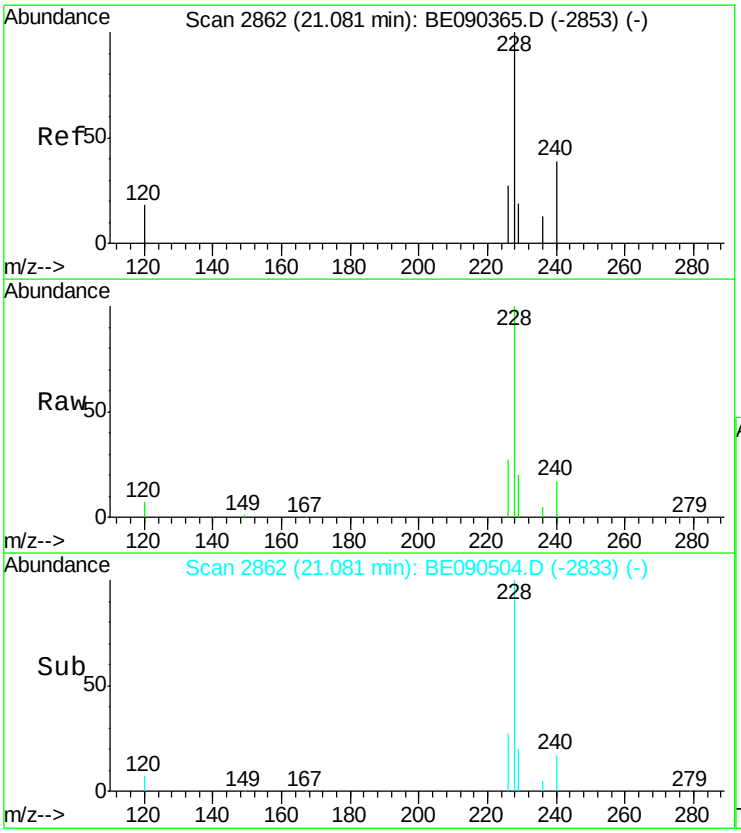
#27
Terphenyl-d14
Concen: 4.57 ng
RT: 19.55 min Scan# 2613
Delta R.T. -0.01 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Instrument :
BNA_E
ClientSampleId :
PB84988BS

Tgt Ion:244 Resp: 99529

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	9.8
122	14.4	10.2	15.4

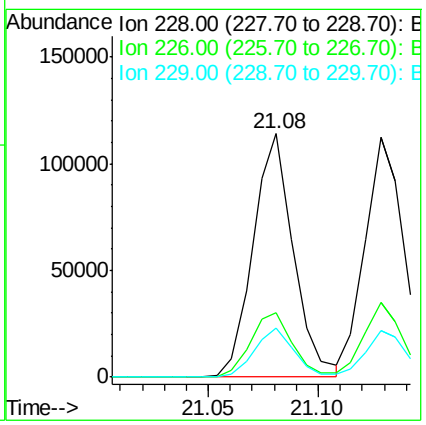


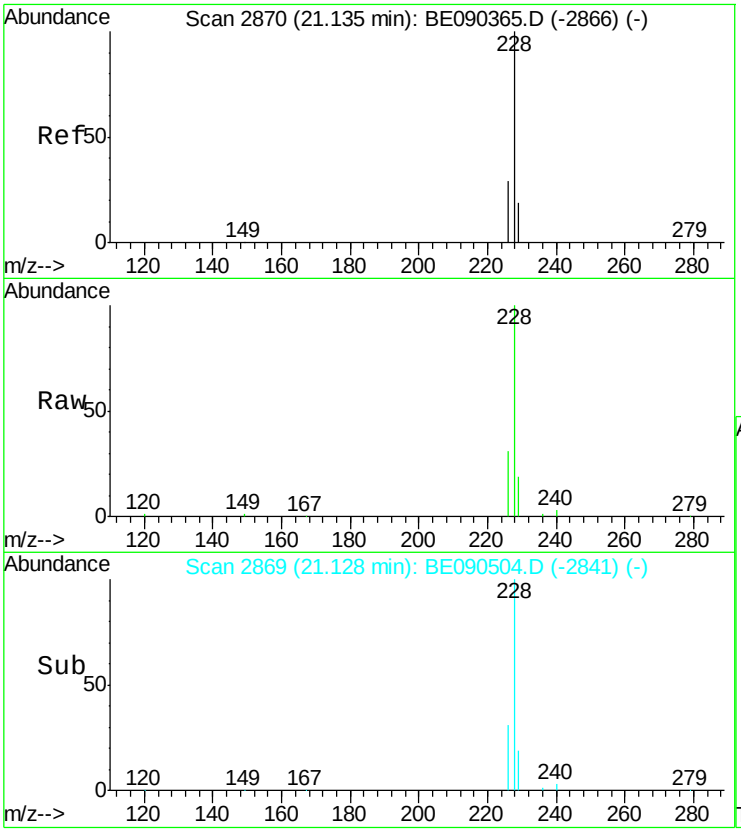


#28
Benzo(a)anthracene
Concen: 4.44 ng
RT: 21.08 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Tgt Ion:228 Resp: 145484

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.9	32.9
229	19.9	15.4	23.0



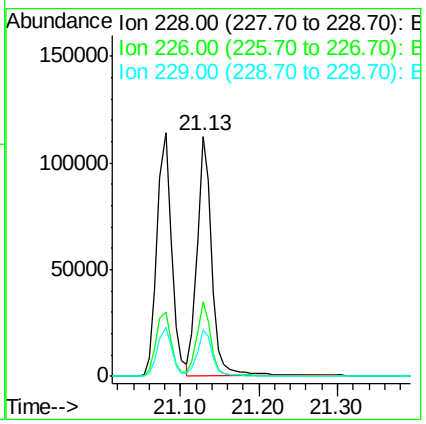


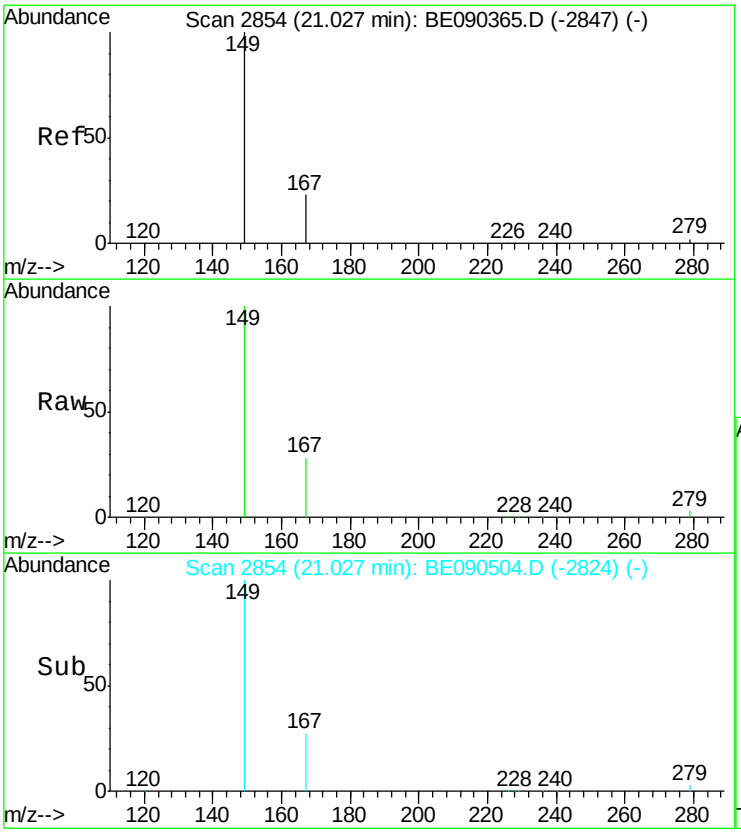
#29
Chrysene
Concen: 3.70 ng
RT: 21.13 min Scan# 2869
Delta R.T. -0.01 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Instrument :
BNA_E
ClientSampleId :
PB84988BS

Tgt Ion:228 Resp: 146517

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.1	34.7
229	19.2	15.8	23.8

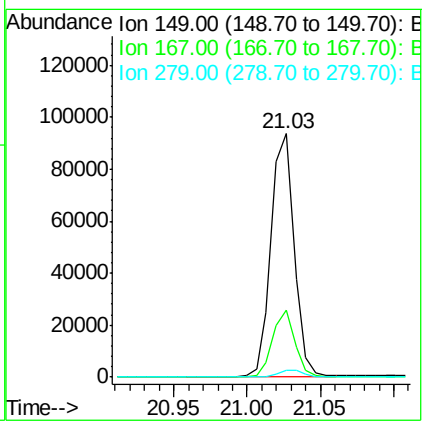


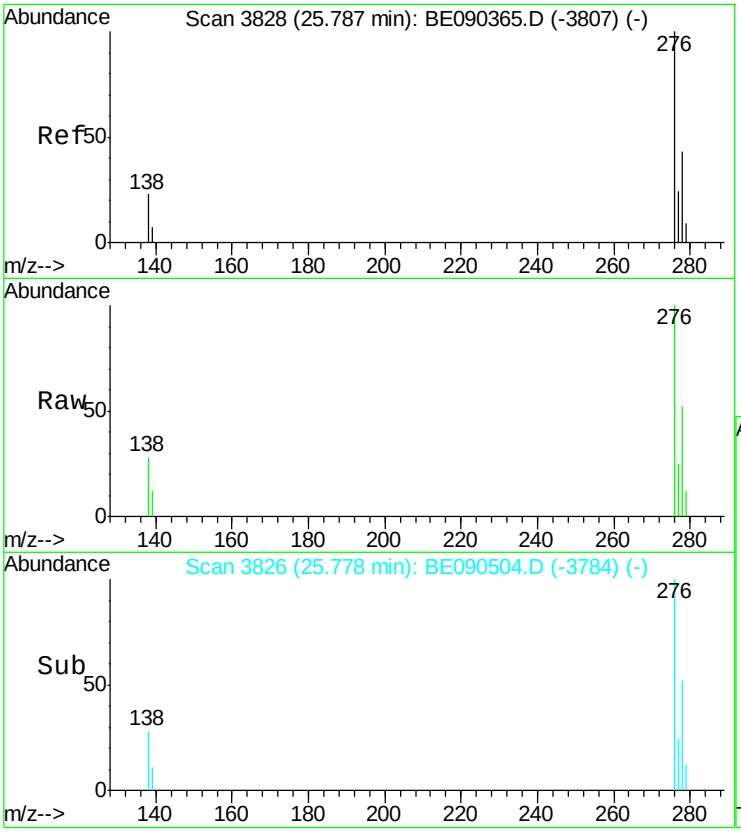


#30
Bis(2-ethylhexyl)phthalate
Concen: 7.28 ng
RT: 21.03 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Tgt Ion:149 Resp: 101849

Ion	Ratio	Lower	Upper
149	100		
167	26.2	19.8	29.8
279	3.0	2.4	3.6



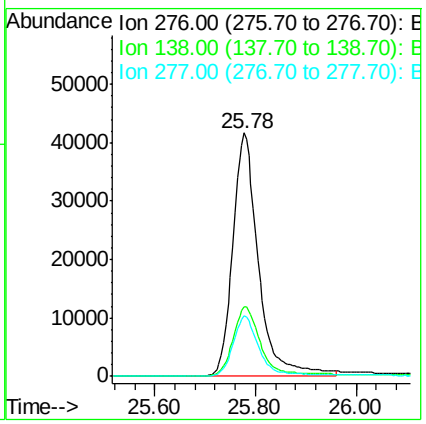


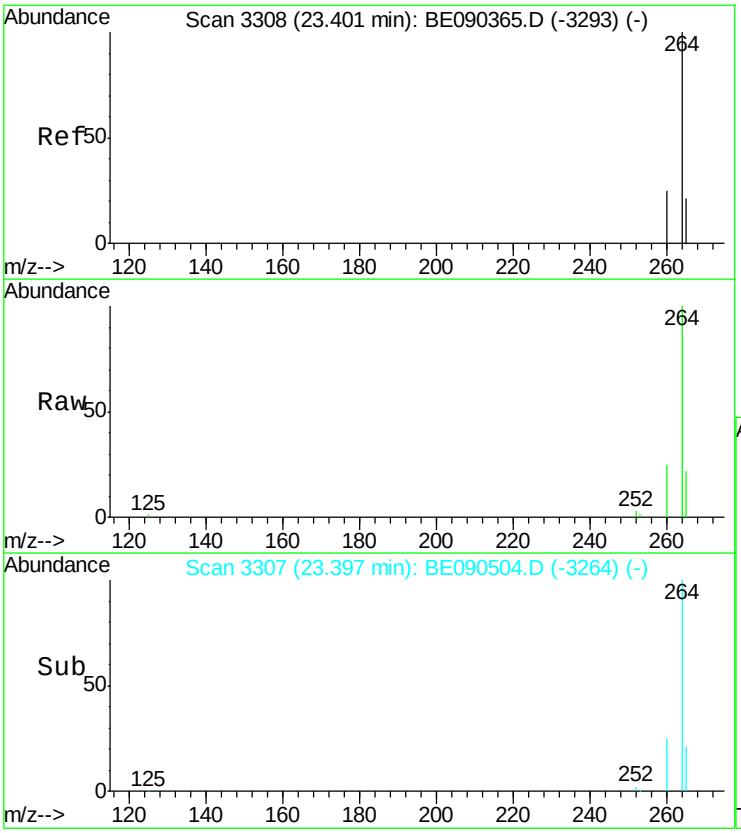
#31
Indeno(1,2,3-cd)pyrene
Concen: 4.18 ng
RT: 25.78 min Scan# 3826
Delta R.T. -0.01 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Instrument :
BNA_E
ClientSampleId :
PB84988BS

Tgt Ion:276 Resp: 147877

Ion	Ratio	Lower	Upper
276	100		
138	30.1	18.8	28.2#
277	24.9	18.2	27.4

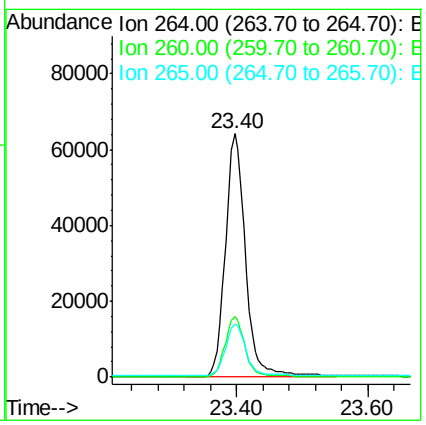


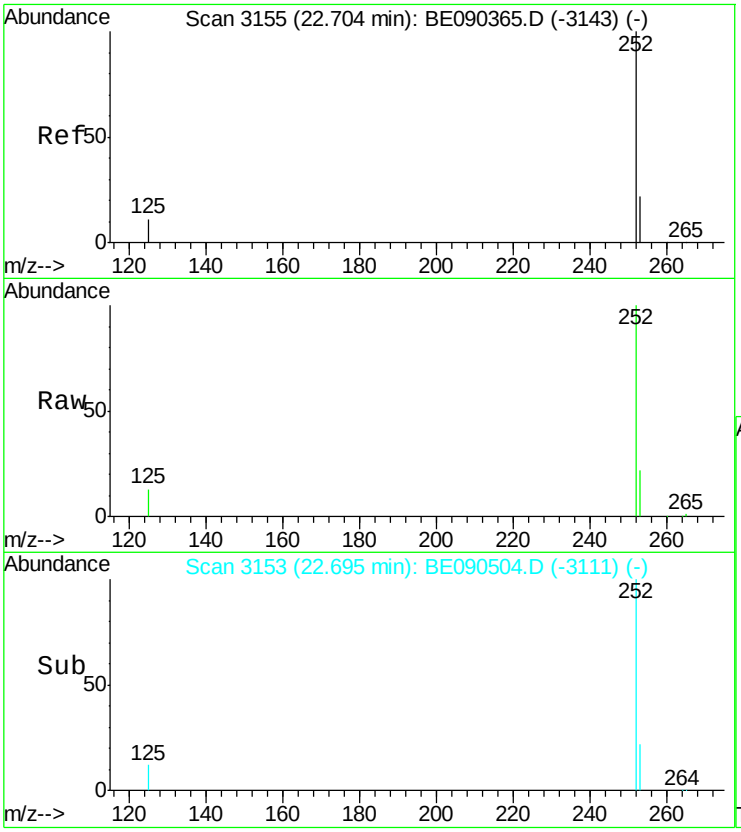


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3307
Delta R.T. -0.00 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Tgt Ion:264 Resp: 136878

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



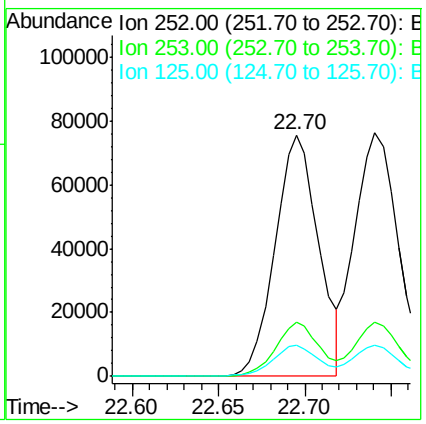


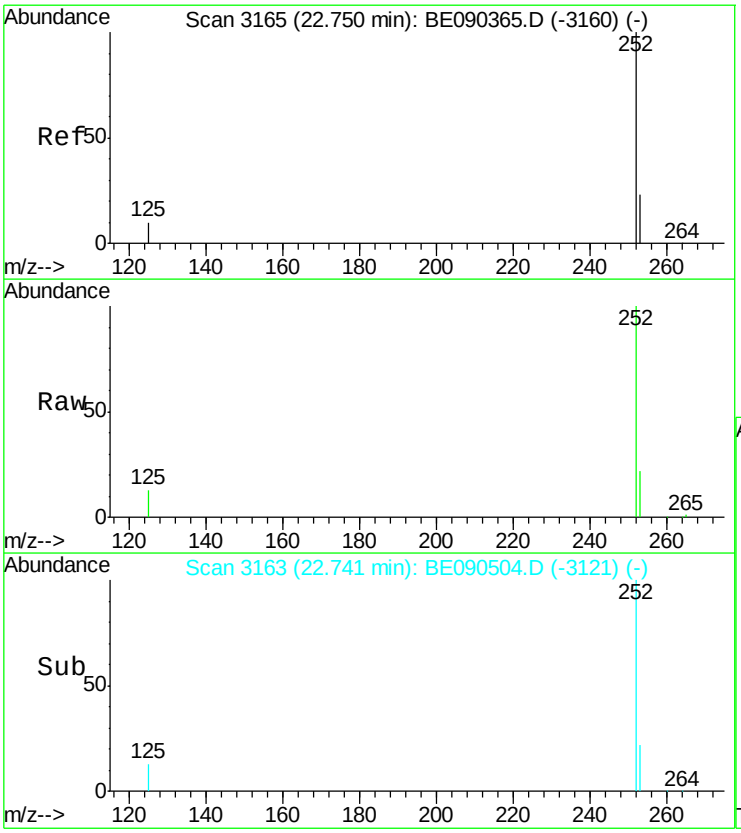
#33
Benzo(b)fluoranthene
Concen: 4.29 ng
RT: 22.70 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Instrument :
BNA_E
ClientSampleId :
PB84988BS

Tgt Ion:252 Resp: 131927

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	12.8	9.4	14.2

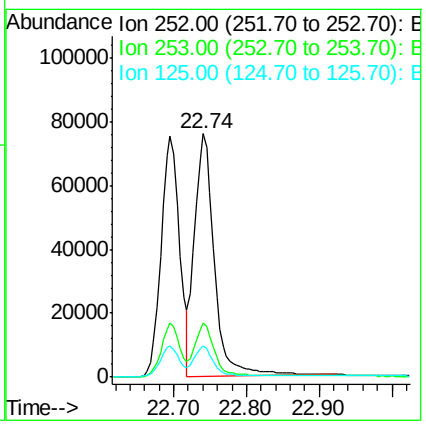


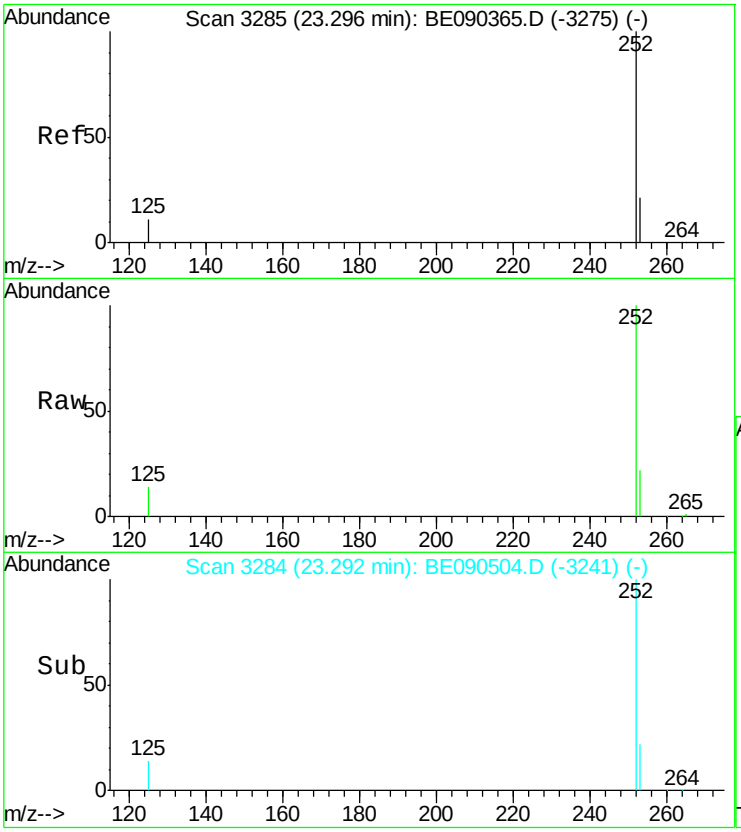


#34
Benzo(k)fluoranthene
Concen: 3.75 ng
RT: 22.74 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Tgt Ion:252 Resp: 142789

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.9	9.1	13.7



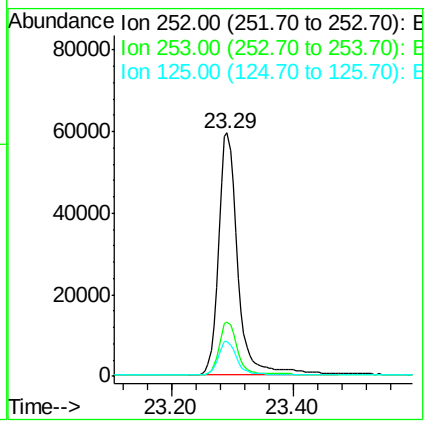


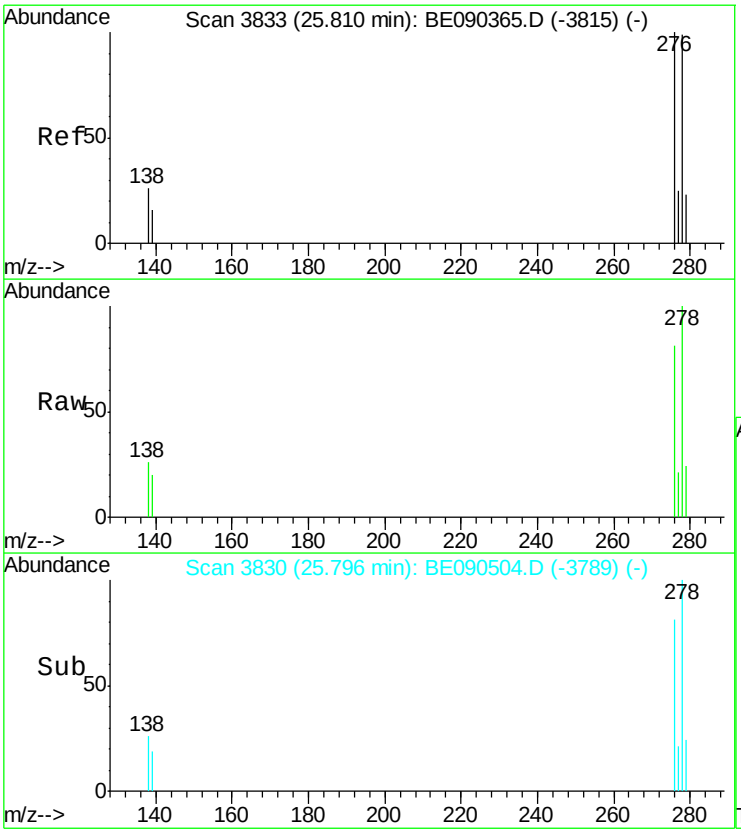
#35
Benzo(a)pyrene
Concen: 4.51 ng
RT: 23.29 min Scan# 3284
Delta R.T. -0.00 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Instrument :
BNA_E
ClientSampleId :
PB84988BS

Tgt Ion:252 Resp: 131307

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	14.1	9.8	14.6

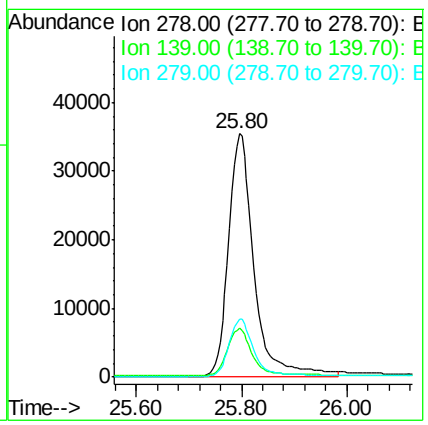


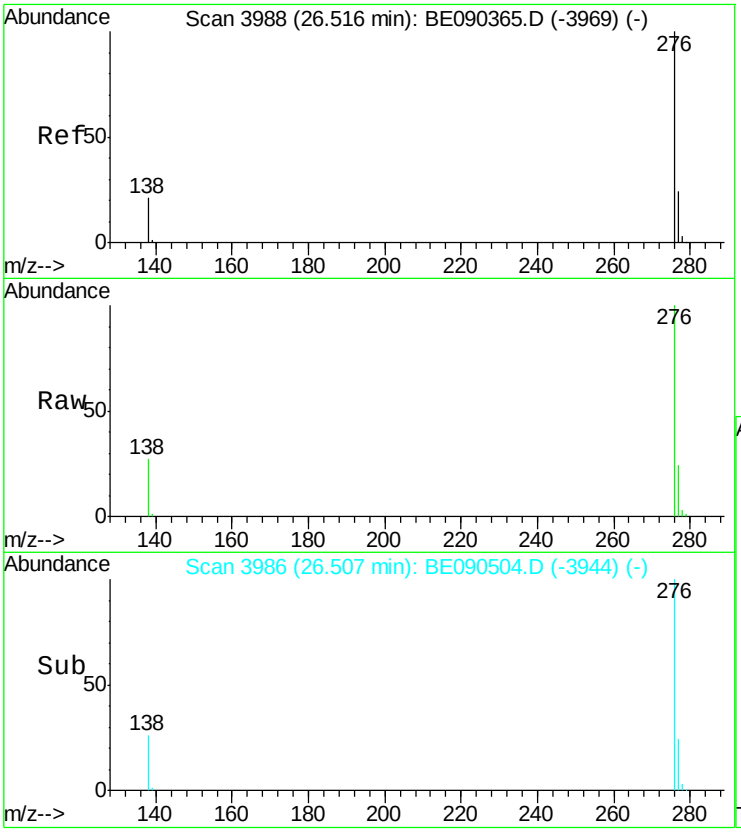


#36
Dibenzo(a,h)anthracene
Concen: 4.20 ng
RT: 25.80 min Scan# 3830
Delta R.T. -0.01 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Tgt Ion:278 Resp: 119017

Ion	Ratio	Lower	Upper
278	100		
139	19.9	14.2	21.4
279	24.0	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 5.12 ng
RT: 26.51 min Scan# 3986
Delta R.T. -0.01 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Instrument :
BNA_E
ClientSampleId :
PB84988BS

Tgt Ion:276 Resp: 129285

Ion	Ratio	Lower	Upper
276	100		
277	23.7	20.1	30.1
138	26.6	18.1	27.1