Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081015\
Data File : BE090425.D
Acq On : 11 Aug 2015 5:49
Operator : TP/UM
Sample : PB84906BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB84906BSD

Quant Time: Aug 11 07:26:23 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	25438	5.00	ng		0.00
6) Naphthalene-d8	10.34	136	120768	5.00	ng		0.00
12) Acenaphthene-d10	14.20	164	71327	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	166555	5.00	ng		0.00
25) Chrysene-d12	21.09	240	198409	5.00	ng		0.00
32) Perylene-d12	23.40	264	177440	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	31116	8.15	ng		0.00
5) Phenol-d6	6.77	99	49977	6.10	ng		0.00
7) Nitrobenzene-d5	8.72	82	30168	3.15	ng		0.00
13) 2,4,6-Tribromophenol	15.69	330	16433	7.68	ng		-0.02
14) 2-Fluorobiphenyl	12.82	172	67566	3.44	ng		0.00
27) Terphenyl-d14	19.56	244	117819	4.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	9383	3.08	ng		97
3) n-Nitrosodimethylamine	3.49	42	12185	3.10	ng	#	82
8) Nitrobenzene	8.77	77	29831	2.93	ng		97
9) Naphthalene	10.38	128	77862	2.92	ng		98
10) Hexachlorobutadiene	10.68	225	12704	3.12	ng		99
11) 2-Methylnaphthalene	12.01	142	52661	3.41	ng		98
15) Acenaphthylene	13.91	152	382385	3.31	ng		100
16) Acenaphthene	14.26	154	55902	3.11	ng		86
17) Fluorene	15.26	166	75522	3.24	ng		99
19) 4-Bromophenyl-phenylether	16.14	248	22353	3.45	ng		95
20) Hexachlorobenzene	16.27	284	98841	2.95	ng		99
21) Pentachlorophenol	16.60	266	17361	7.07	ng		90
22) Phenanthrene	16.98	178	132991	3.19	ng		100
23) Anthracene	17.07	178	125883	3.68	ng		99
24) Fluoranthene	18.98	202	154482	3.77	ng		99
26) Pyrene	19.34	202	166129	3.86	ng		99
28) Benzo(a)anthracene	21.08	228	158043	3.59	ng		99
29) Chrysene	21.13	228	171147m	3.22	ng		
30) Bis(2-ethylhexyl)phthalate	21.03	149	70708	4.59	ng		98
31) Indeno(1,2,3-cd)pyrene	25.78	276	144705	3.12	ng		95
33) Benzo(b)fluoranthene	22.70	252	132965	3.38	ng		99
34) Benzo(k)fluoranthene	22.74	252	160625m	3.25	ng		
35) Benzo(a)pyrene	23.30	252	125652	3.39	ng		100
36) Dibenzo(a,h)anthracene	25.80	278	115147	3.21	ng		98
37) Benzo(g,h,i)perylene	26.51	276	127502	3.89	ng		98

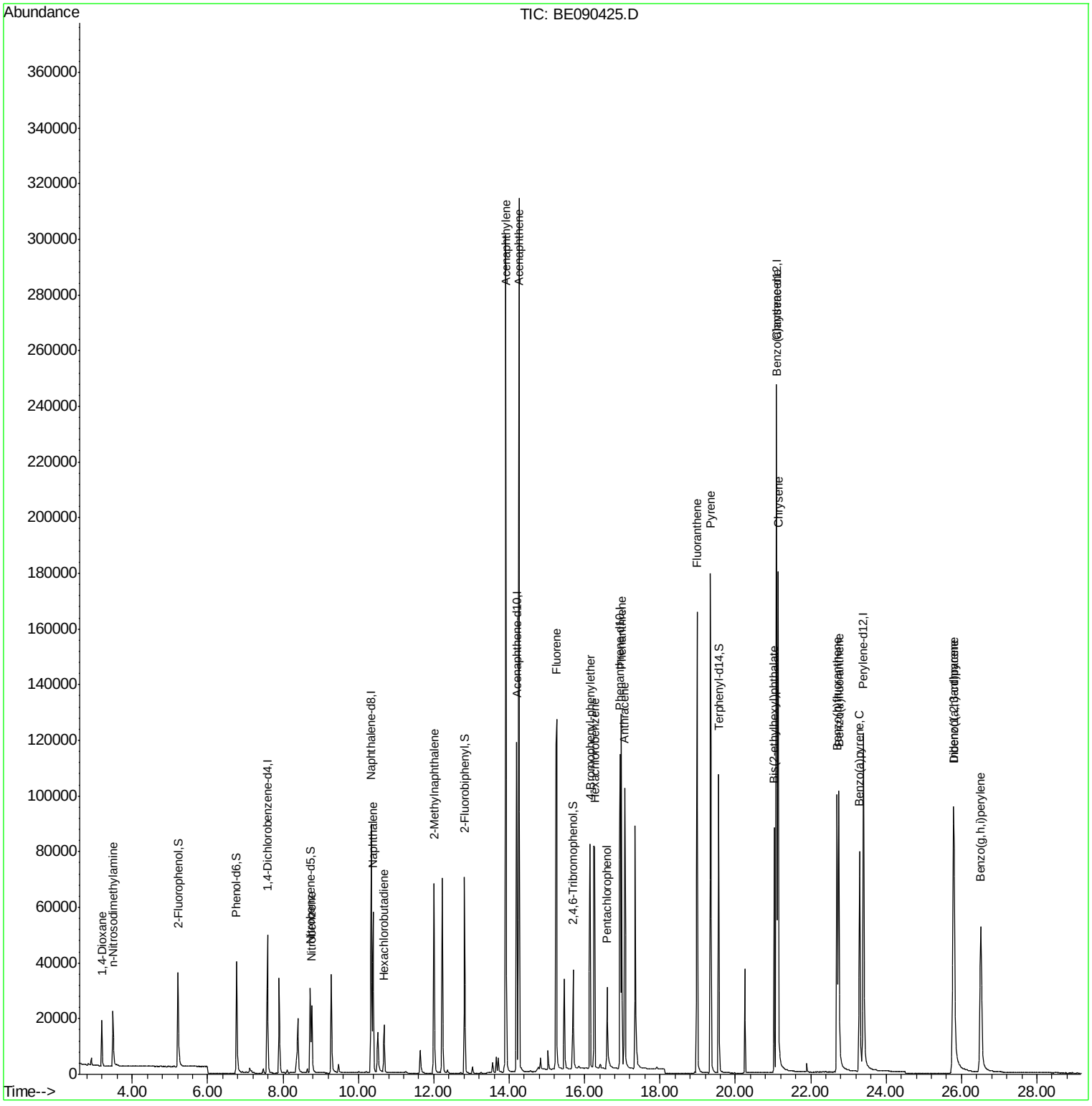
(#) = qualifier out of range (m) = manual integration (+) = signals summed

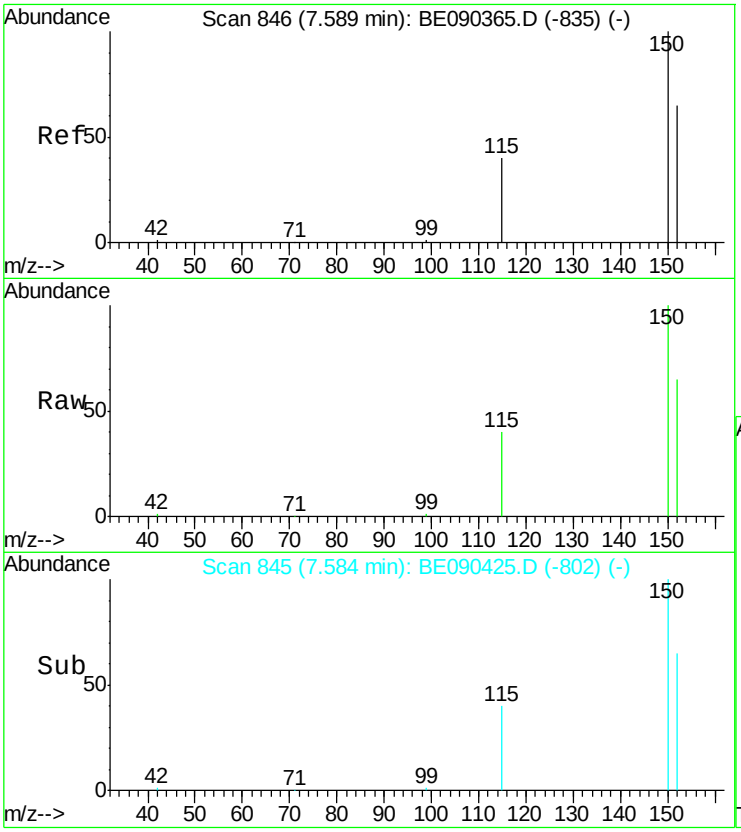
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081015\
Data File : BE090425.D
Acq On : 11 Aug 2015 5:49
Operator : TP/UM
Sample : PB84906BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB84906BSD

Quant Time: Aug 11 07:26:23 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



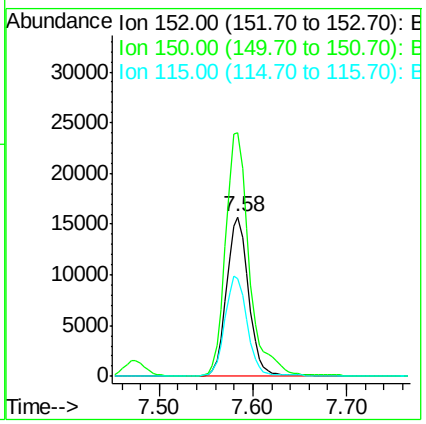


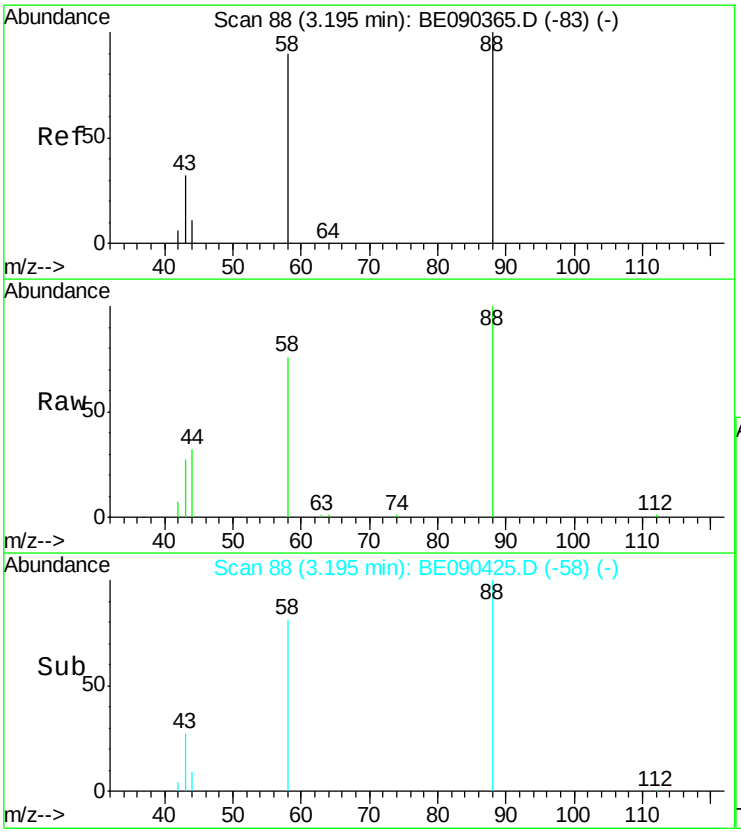
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Instrument :
BNA_E
ClientSampleId :
PB84906BSD

Tgt Ion:152 Resp: 25438

Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.0	184.4
115	61.3	48.9	73.3

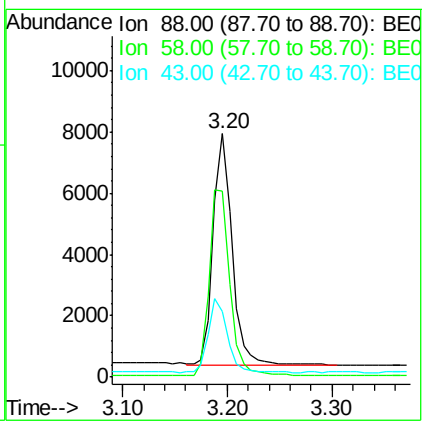


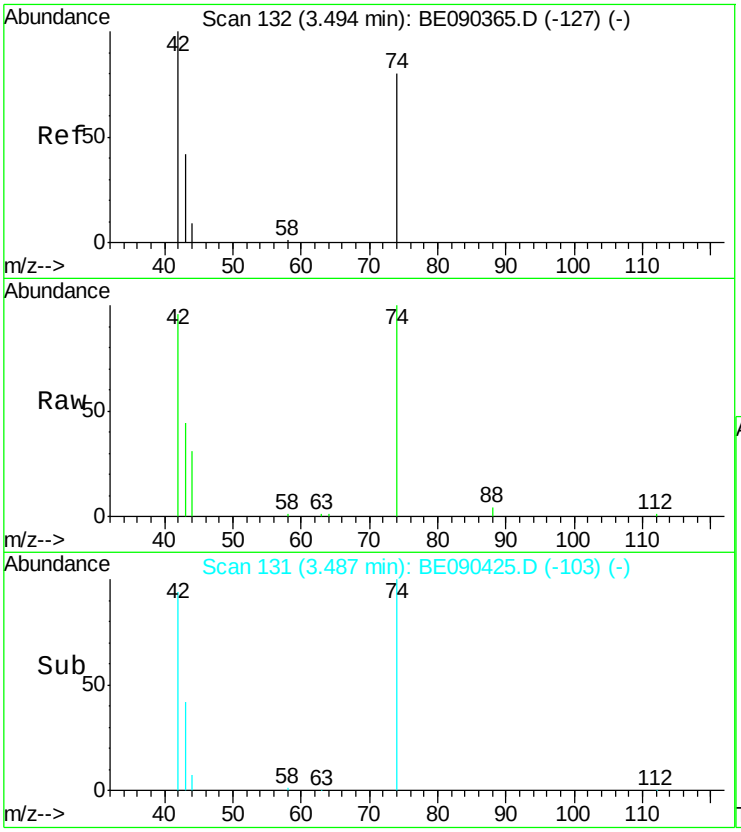


#2
1,4-Dioxane
Concen: 3.08 ng
RT: 3.20 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Tgt Ion: 88 Resp: 9383

Ion	Ratio	Lower	Upper
88	100		
58	86.6	70.0	105.0
43	31.8	28.4	42.6



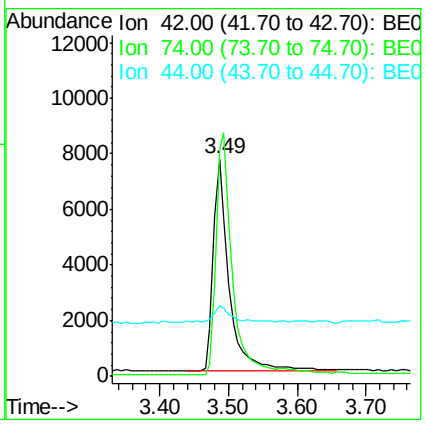


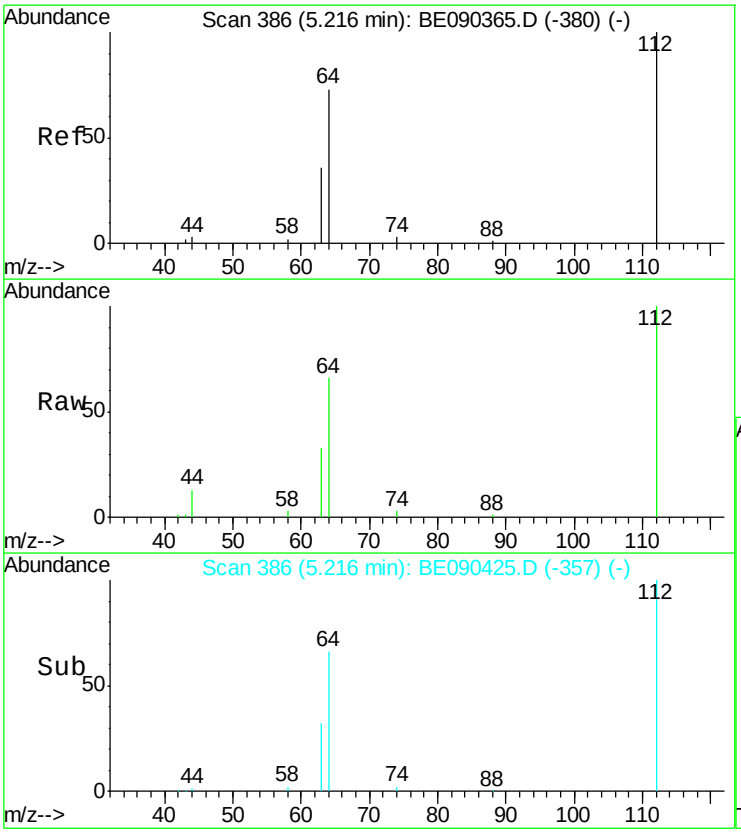
#3
n-Nitrosodimethylamine
Concen: 3.10 ng
RT: 3.49 min Scan# 131
Delta R.T. -0.01 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Instrument :
BNA_E
ClientSampleId :
PB84906BSD

Tgt Ion: 42 Resp: 12185

Ion	Ratio	Lower	Upper
42	100		
74	113.2	75.2	112.8#
44	9.7	8.7	13.1

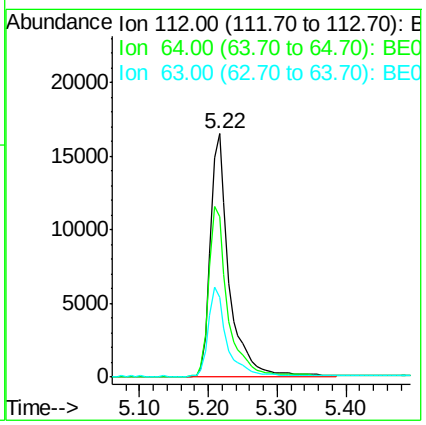


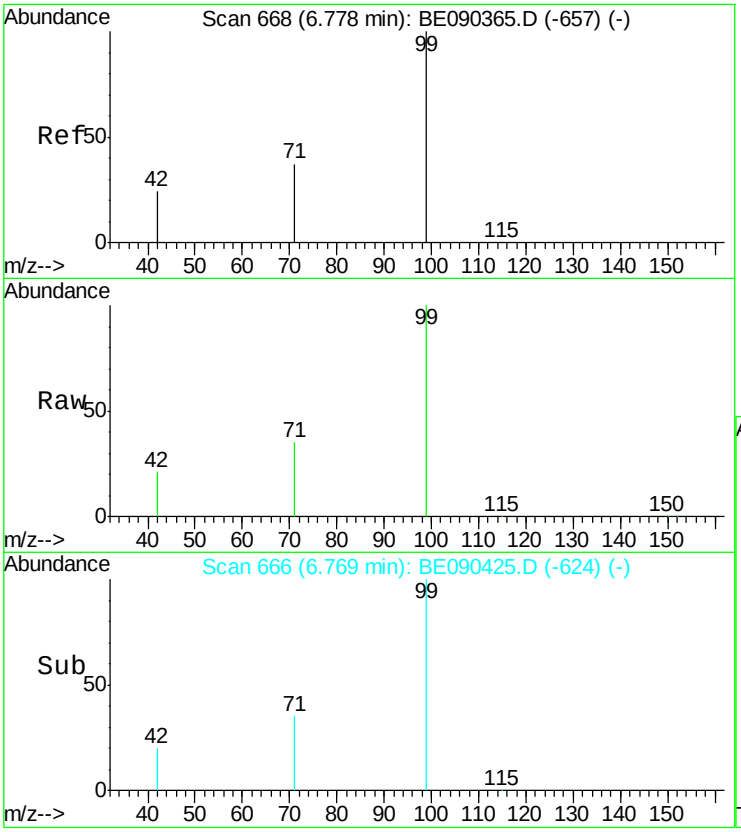


#4
2-Fluorophenol
Concen: 8.15 ng
RT: 5.22 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Tgt Ion:112 Resp: 31116

Ion	Ratio	Lower	Upper
112	100		
64	70.7	37.1	55.7#
63	35.9	19.5	29.3#



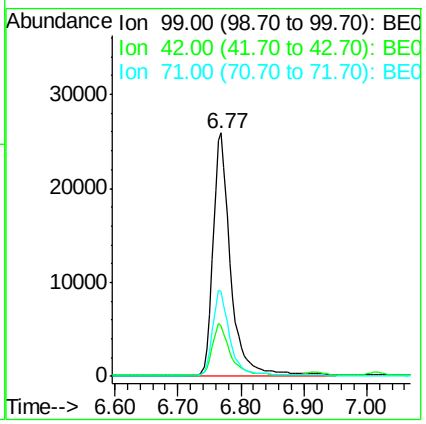


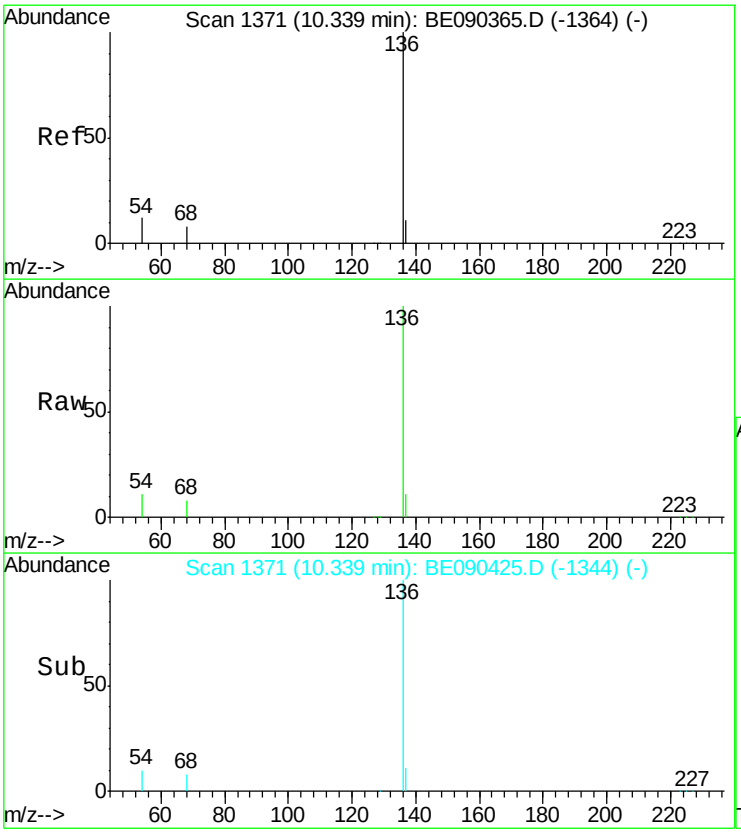
#5
Phenol-d6
Concen: 6.10 ng
RT: 6.77 min Scan# 666
Delta R.T. -0.01 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Instrument :
BNA_E
ClientSampleId :
PB84906BSD

Tgt Ion: 99 Resp: 49977

Ion	Ratio	Lower	Upper
99	100		
42	21.3	18.2	27.4
71	35.1	27.4	41.0

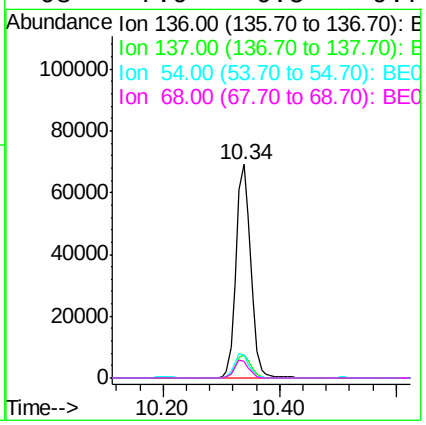


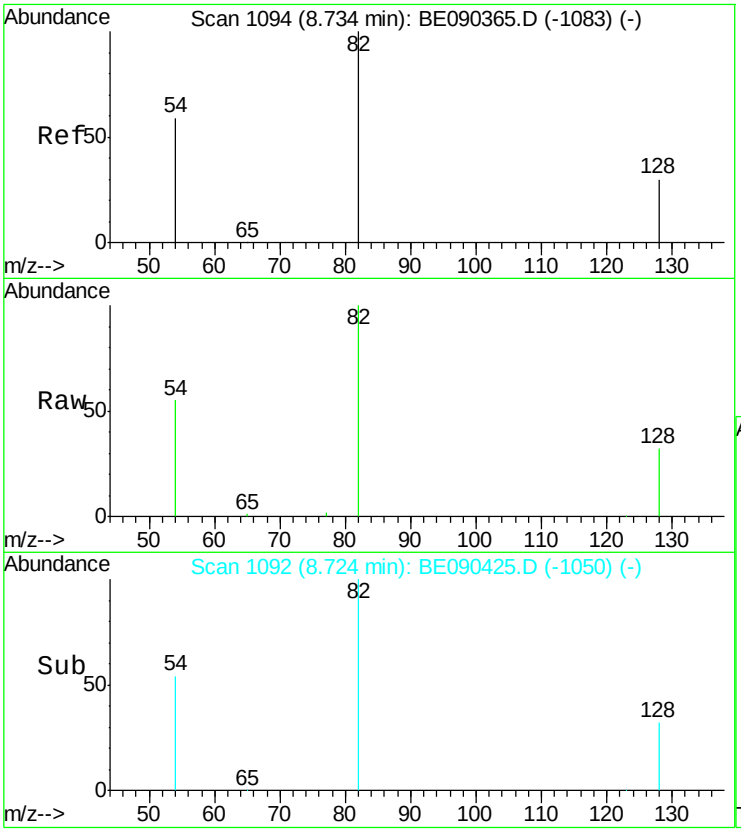


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Tgt Ion:136 Resp: 120768

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.5	9.4	14.0
68	7.9	6.5	9.7



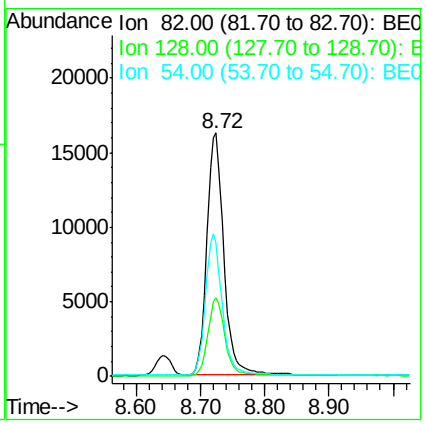


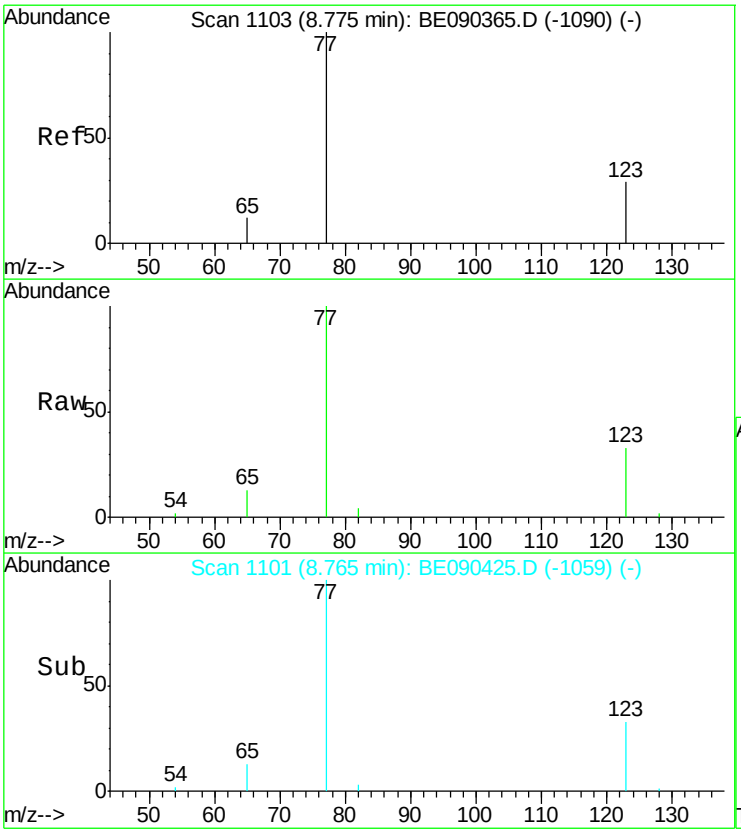
#7
Nitrobenzene-d5
Concen: 3.15 ng
RT: 8.72 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Instrument :
BNA_E
ClientSampleId :
PB84906BSD

Tgt Ion: 82 Resp: 30168

Ion	Ratio	Lower	Upper
82	100		
128	32.3	25.0	37.6
54	54.7	48.8	73.2

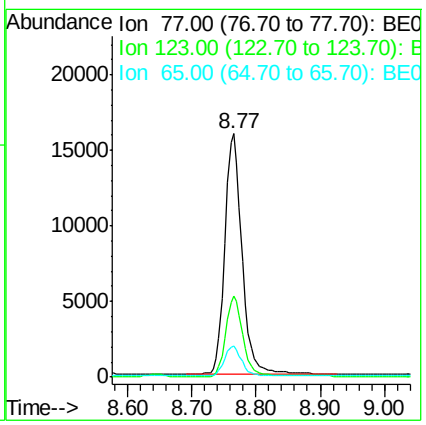


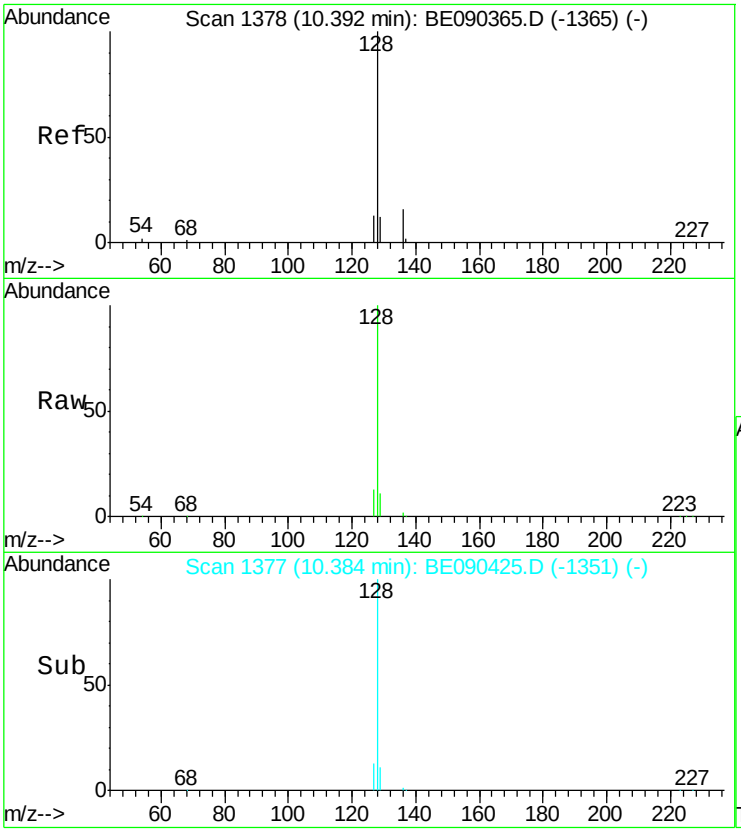


#8
Nitrobenzene
Concen: 2.93 ng
RT: 8.77 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Tgt Ion: 77 Resp: 29831

Ion	Ratio	Lower	Upper
77	100		
123	33.2	25.1	37.7
65	12.8	9.3	13.9



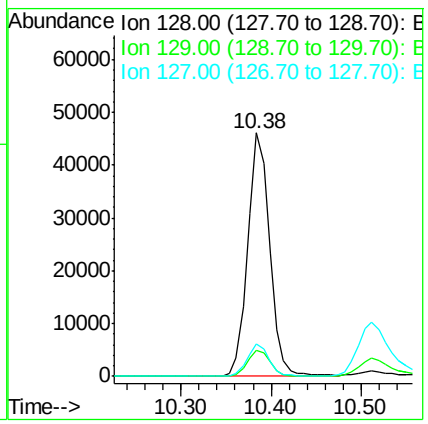


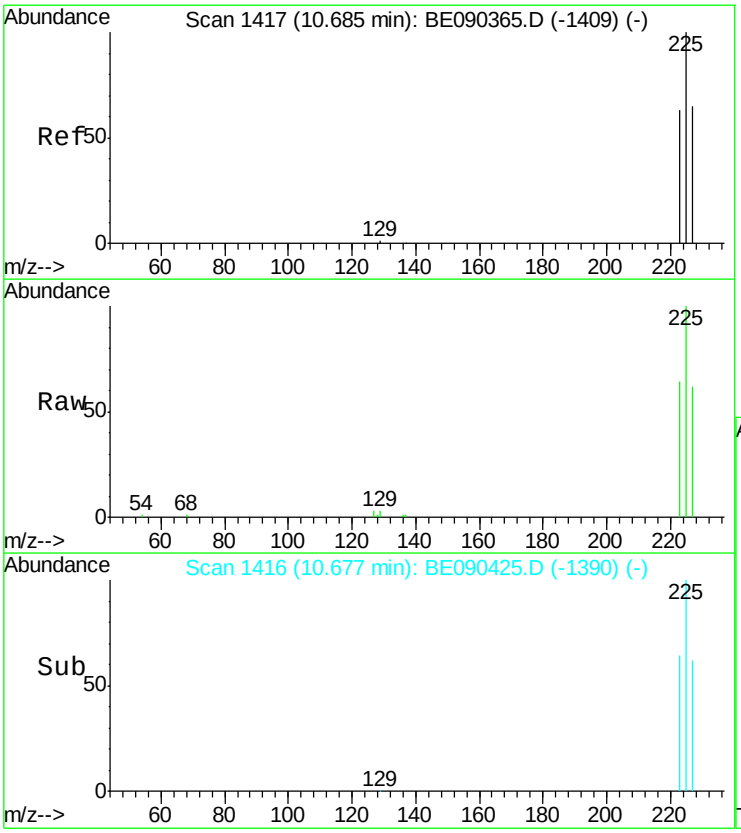
#9
Naphthalene
Concen: 2.92 ng
RT: 10.38 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Instrument :
BNA_E
ClientSampleId :
PB84906BSD

Tgt Ion:128 Resp: 77862

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.8	14.6
127	13.1	10.6	16.0

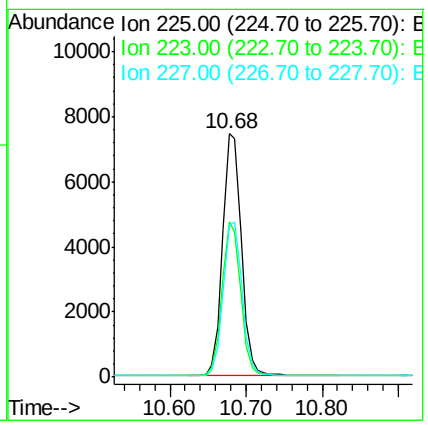


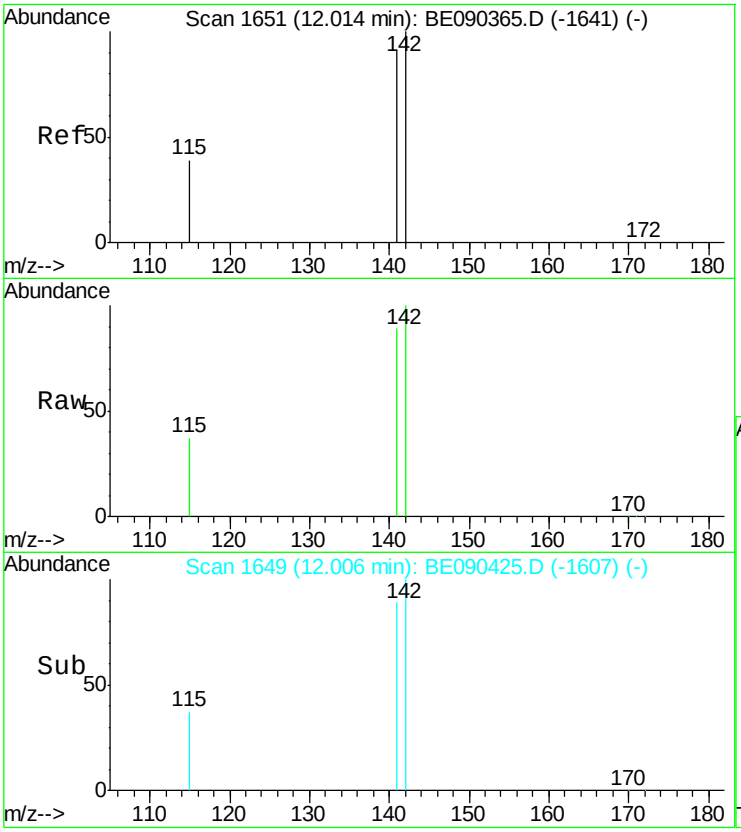


#10
Hexachlorobutadiene
Concen: 3.12 ng
RT: 10.68 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Tgt Ion:225 Resp: 12704

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	75.8
227	63.7	50.7	76.1



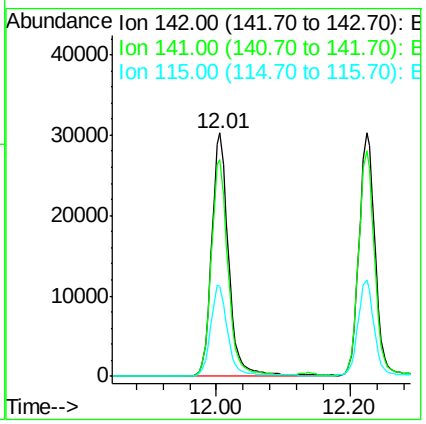


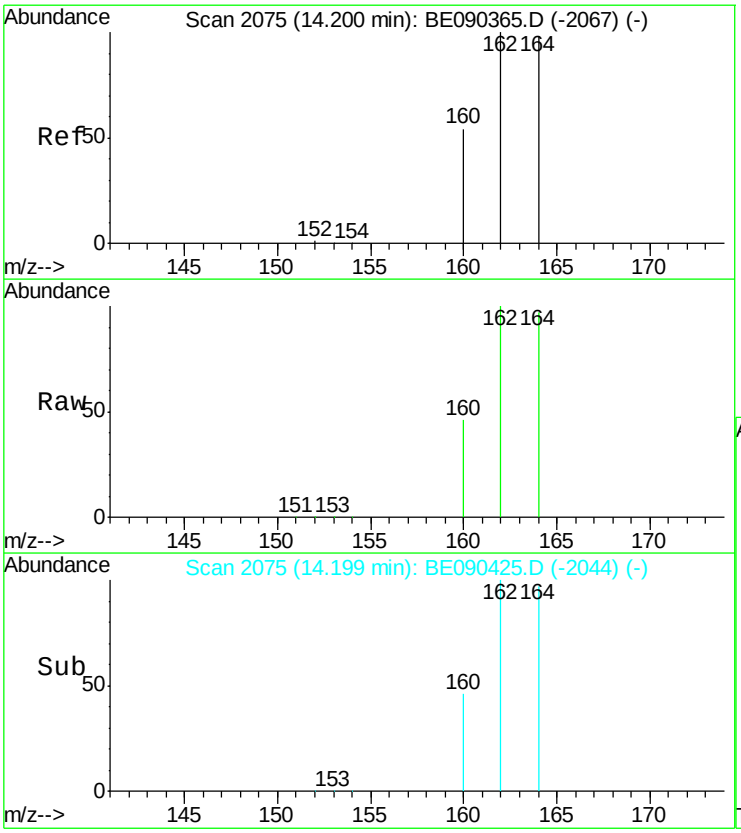
#11
2-Methylnaphthalene
Concen: 3.41 ng
RT: 12.01 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Instrument :
BNA_E
ClientSampleId :
PB84906BSD

Tgt Ion:142 Resp: 52661

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.6	109.0
115	37.3	31.6	47.4

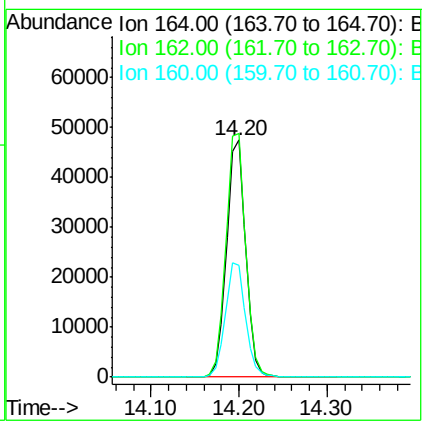


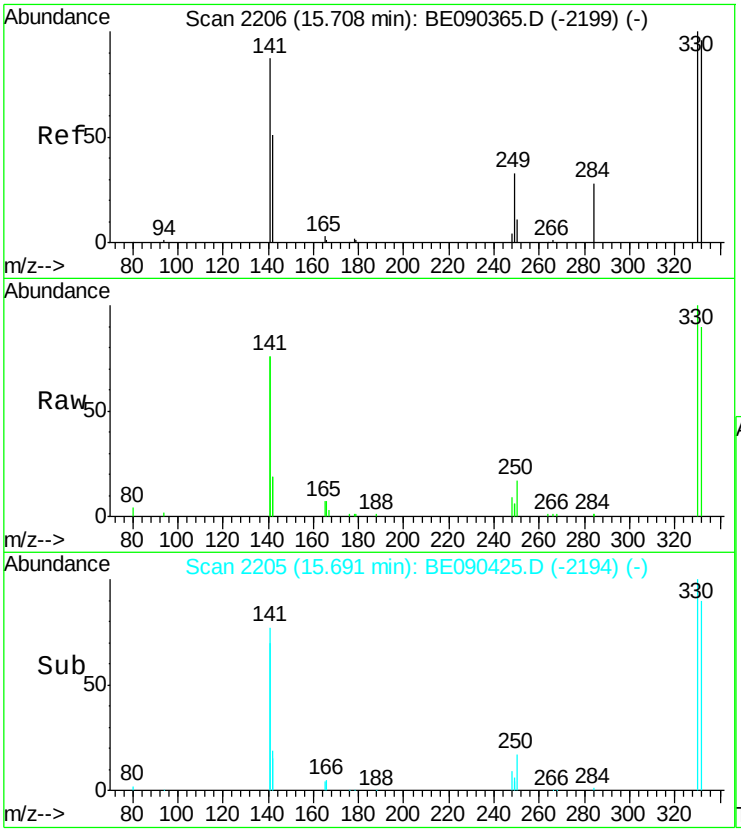


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Tgt Ion:164 Resp: 71327

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.8	122.8
160	46.9	44.2	66.4



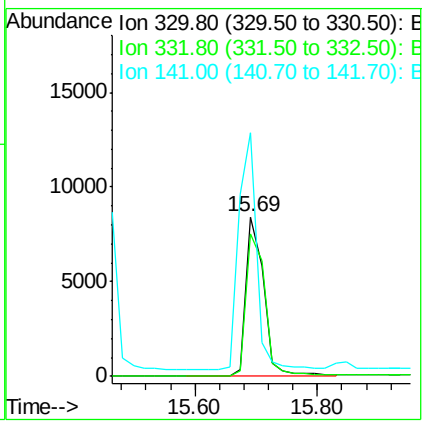


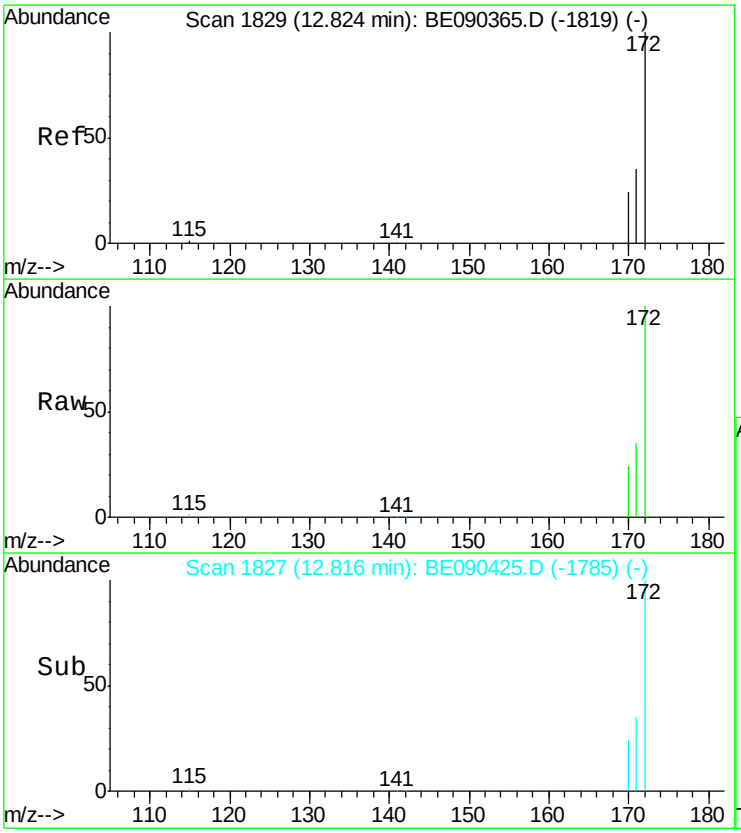
#13
2,4,6-Tribromophenol
Concen: 7.68 ng
RT: 15.69 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Instrument :
BNA_E
ClientSampleId :
PB84906BSD

Tgt Ion:330 Resp: 16433

Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.8	113.6
141	155.6	114.4	171.6

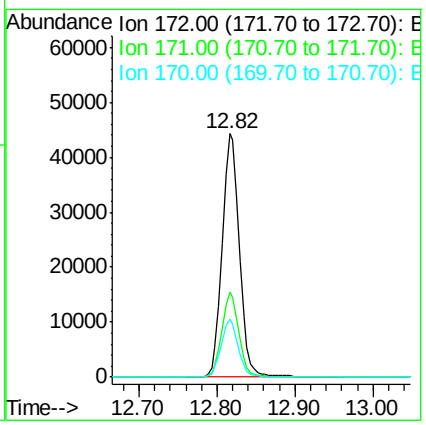


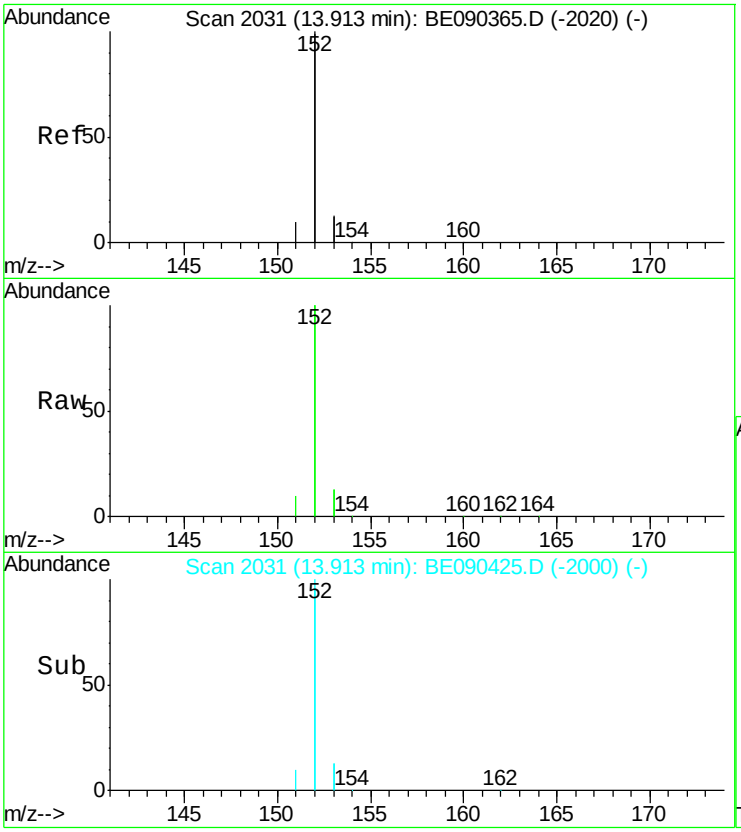


#14
2-Fluorobiphenyl
Concen: 3.44 ng
RT: 12.82 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Tgt Ion:172 Resp: 67566

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	23.8	19.8	29.8



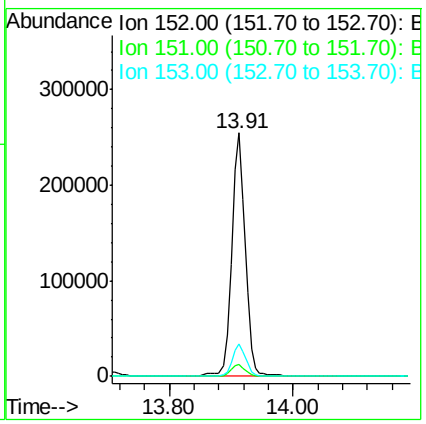


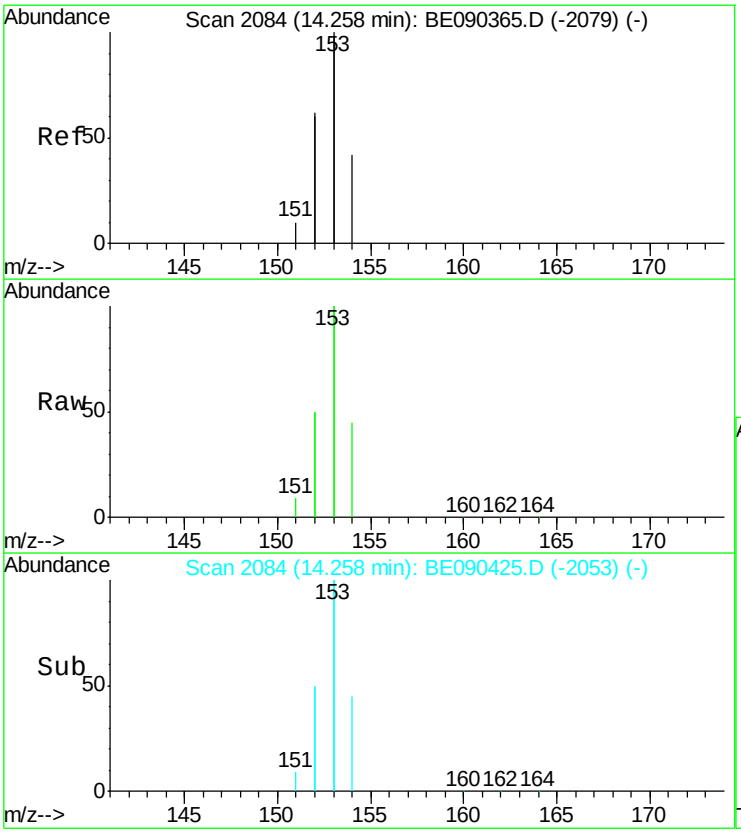
#15
Acenaphthylene
Concen: 3.31 ng
RT: 13.91 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Instrument :
BNA_E
ClientSampleId :
PB84906BSD

Tgt Ion:152 Resp: 382385

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

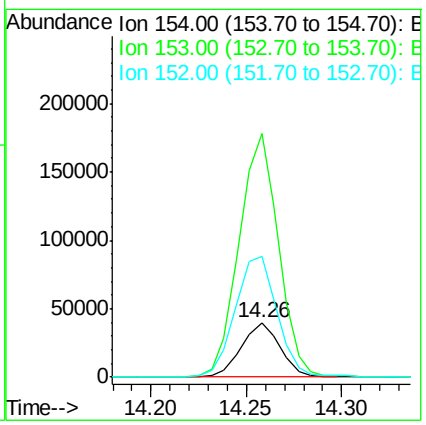


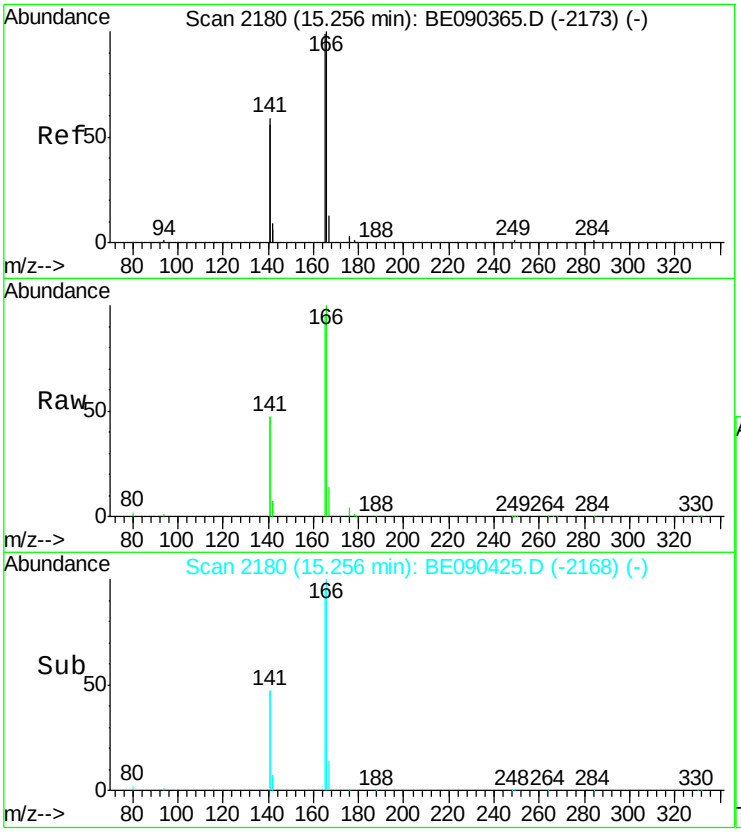


#16
Acenaphthene
Concen: 3.11 ng
RT: 14.26 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Tgt Ion:154 Resp: 55902

Ion	Ratio	Lower	Upper
154	100		
153	456.9	376.2	564.2
152	239.1	235.0	352.4



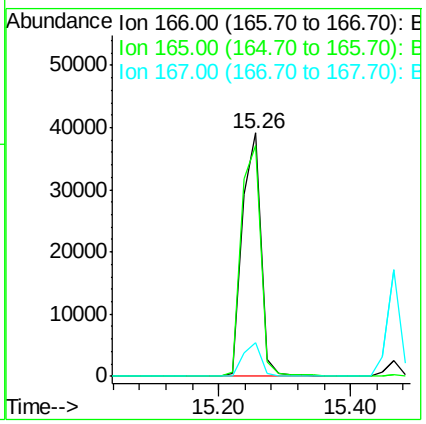


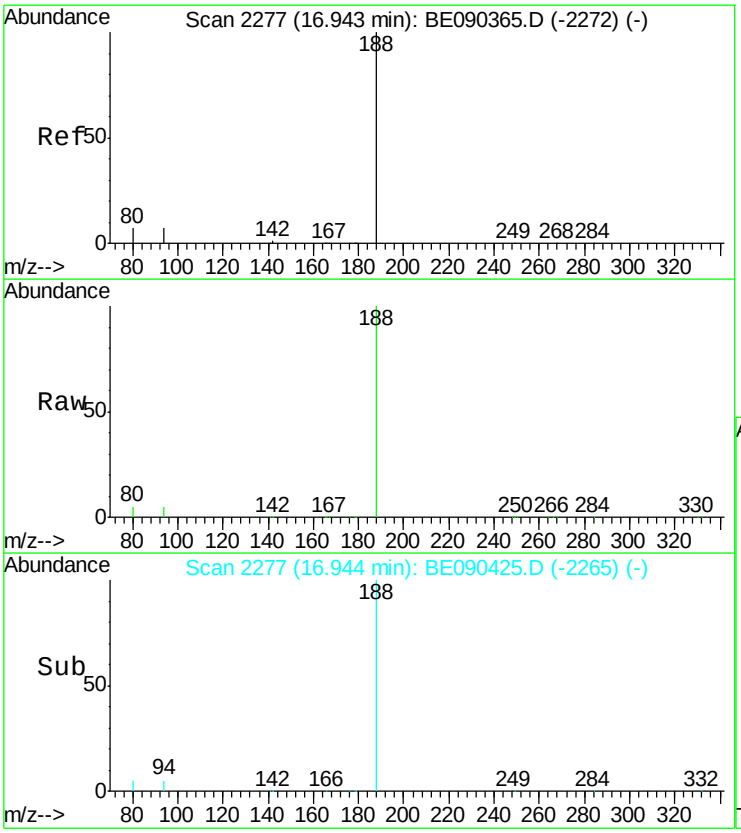
#17
Fluorene
Concen: 3.24 ng
RT: 15.26 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Instrument :
BNA_E
ClientSampleId :
PB84906BSD

Tgt Ion:166 Resp: 75522

Ion	Ratio	Lower	Upper
166	100		
165	100.5	81.5	122.3
167	13.5	11.4	17.0

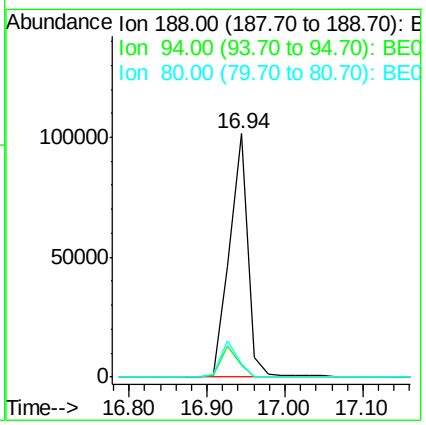


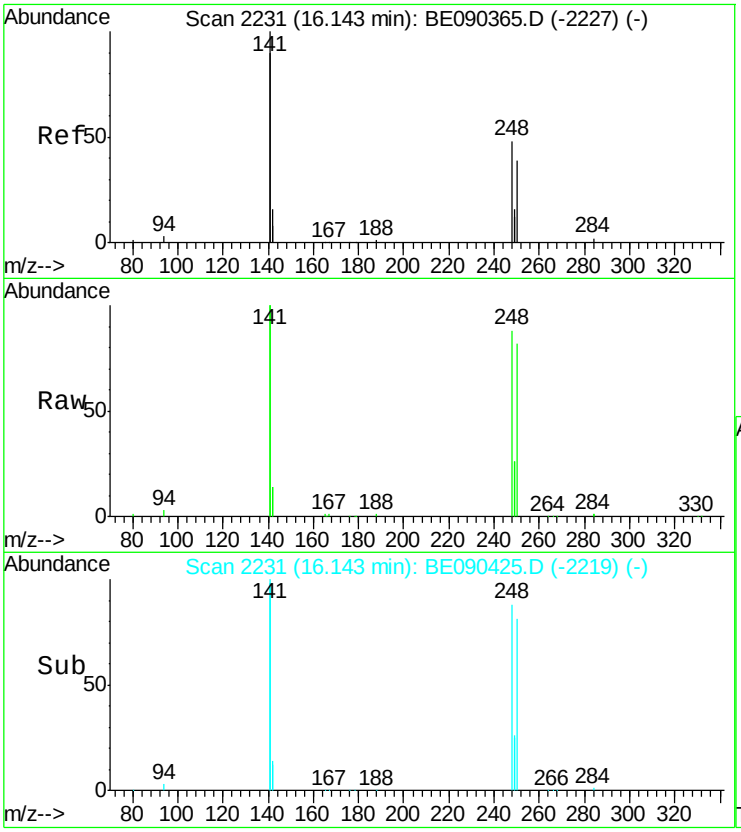


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Tgt Ion:188 Resp: 166555

Ion	Ratio	Lower	Upper
188	100		
94	5.1	5.7	8.5#
80	5.3	5.8	8.8#



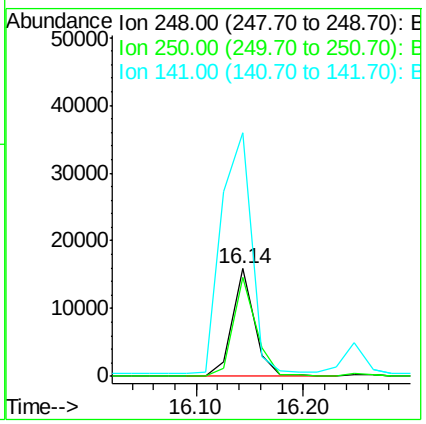


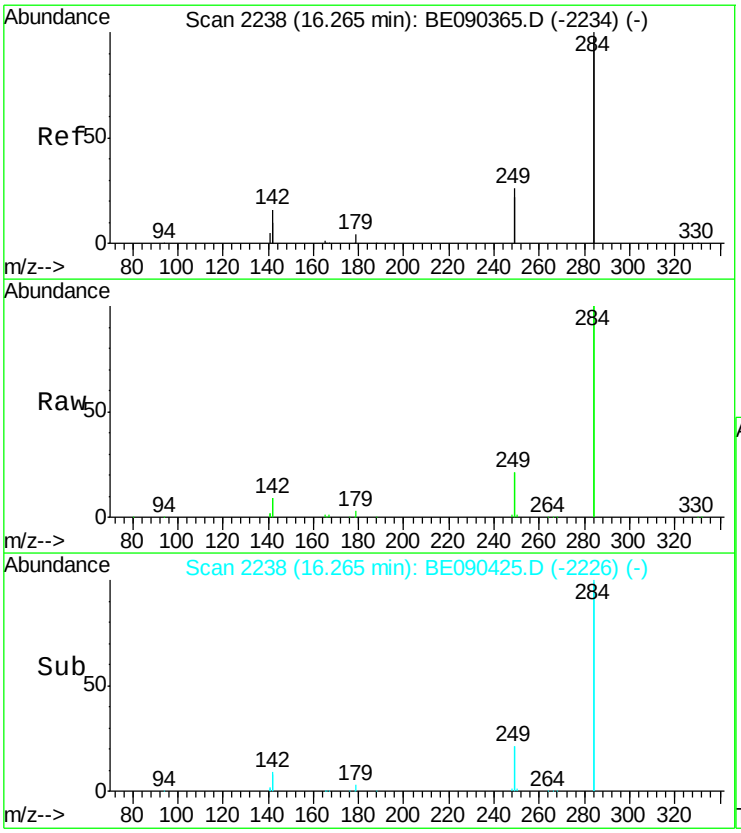
#19
4-Bromophenyl-phenylether
Concen: 3.45 ng
RT: 16.14 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Instrument :
BNA_E
ClientSampleId :
PB84906BSD

Tgt Ion:248 Resp: 22353

Ion	Ratio	Lower	Upper
248	100		
250	95.5	79.0	118.6
141	309.5	239.5	359.3

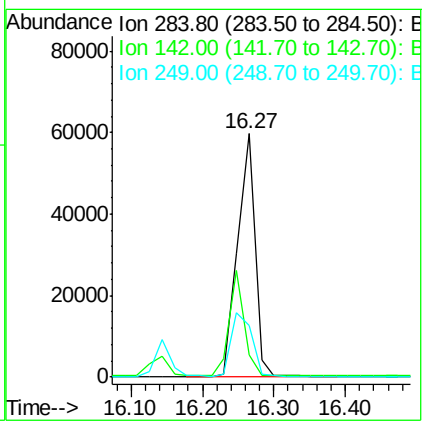


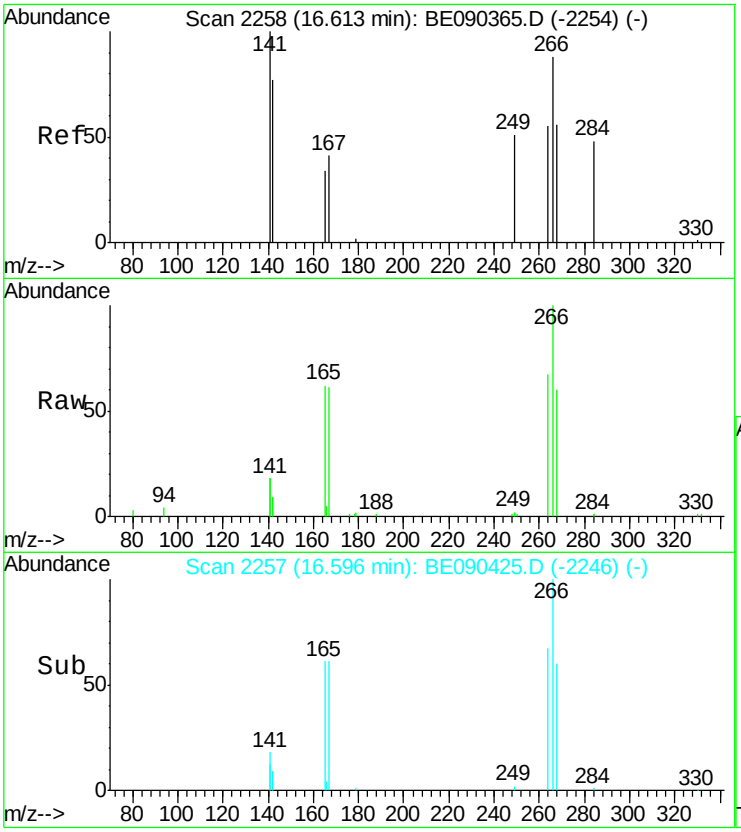


#20
Hexachlorobenzene
Concen: 2.95 ng
RT: 16.27 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Tgt Ion:284 Resp: 98841

Ion	Ratio	Lower	Upper
284	100		
142	37.6	30.1	45.1
249	30.9	25.7	38.5



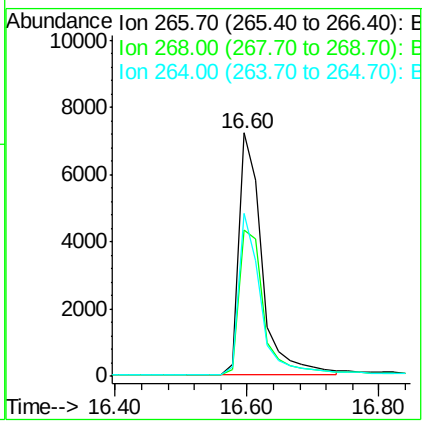


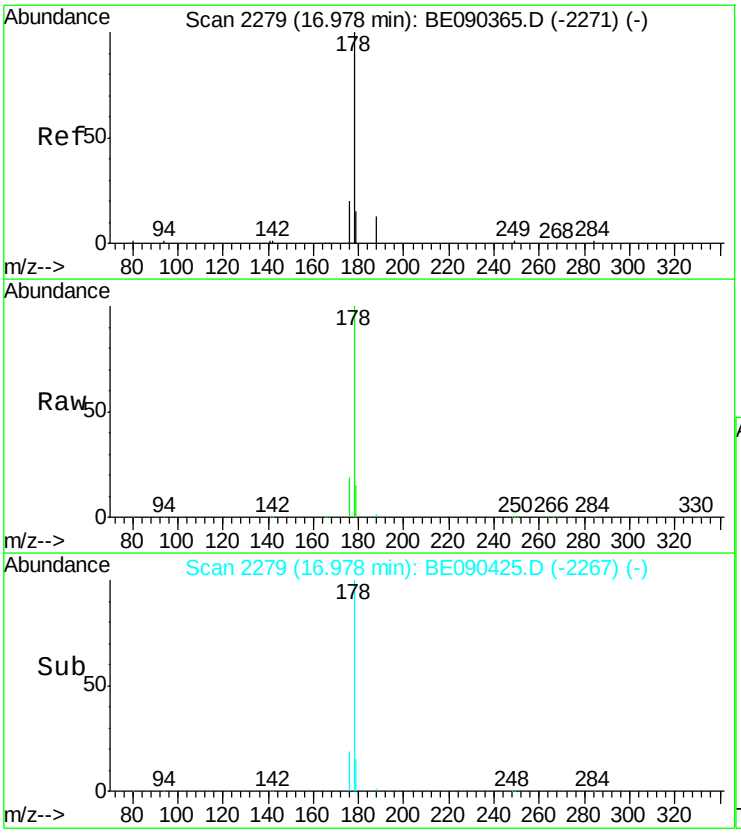
#21
Pentachlorophenol
Concen: 7.07 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Instrument :
BNA_E
ClientSampleId :
PB84906BSD

Tgt Ion:266 Resp: 17361

Ion	Ratio	Lower	Upper
266	100		
268	60.0	58.5	87.7
264	67.0	56.0	84.0

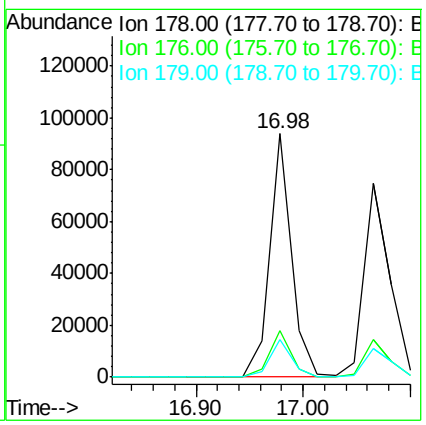


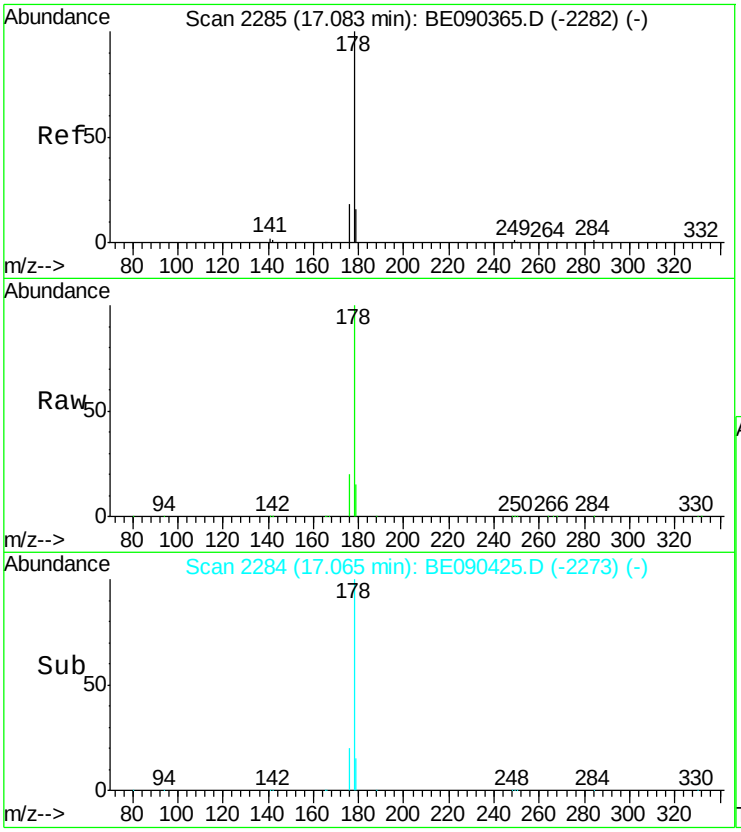


#22
Phenanthrene
Concen: 3.19 ng
RT: 16.98 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Tgt Ion:178 Resp: 132991

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.3	12.5	18.7



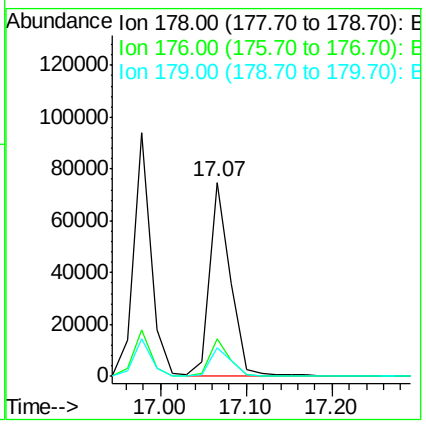


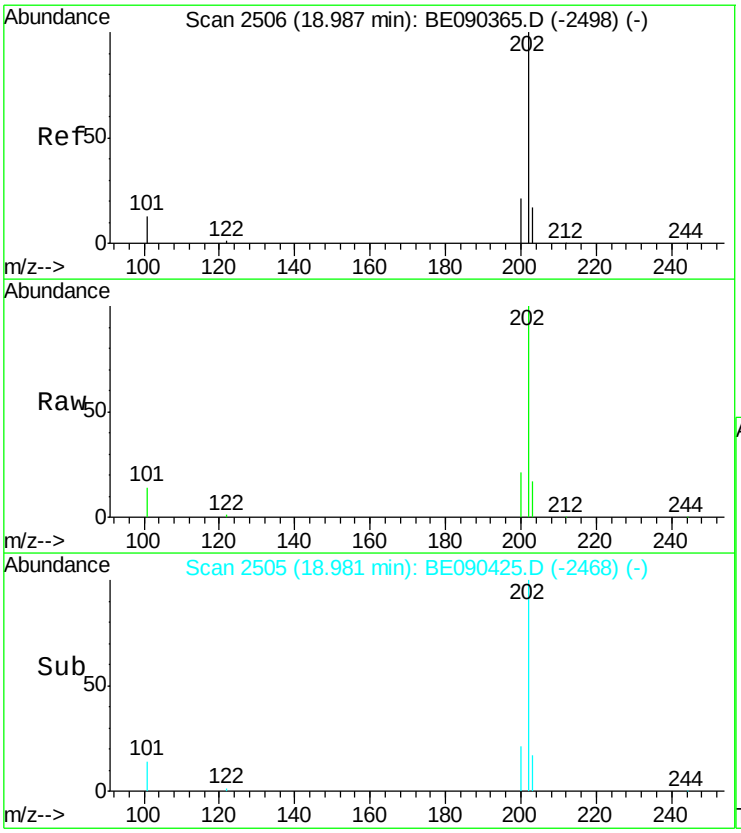
#23
Anthracene
Concen: 3.68 ng
RT: 17.07 min Scan# 2284
Delta R.T. -0.02 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Instrument :
BNA_E
ClientSampleId :
PB84906BSD

Tgt Ion:178 Resp: 125883

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.5	12.2	18.4

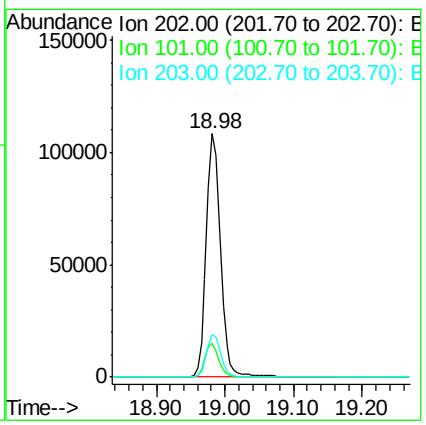


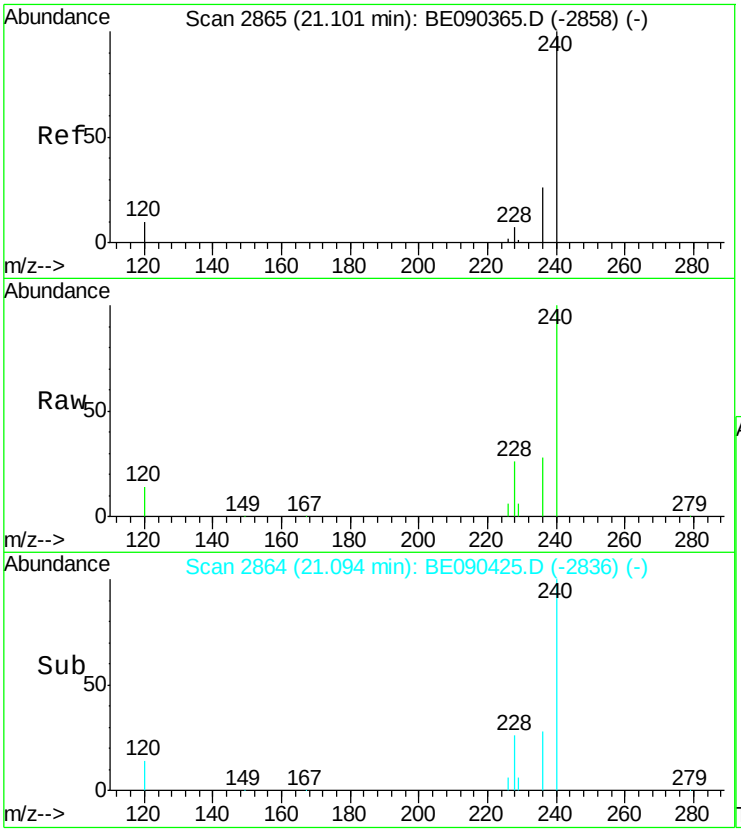


#24
Fluoranthene
Concen: 3.77 ng
RT: 18.98 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Tgt Ion:202 Resp: 154482

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



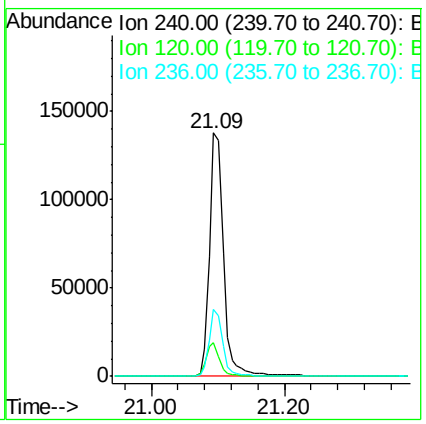


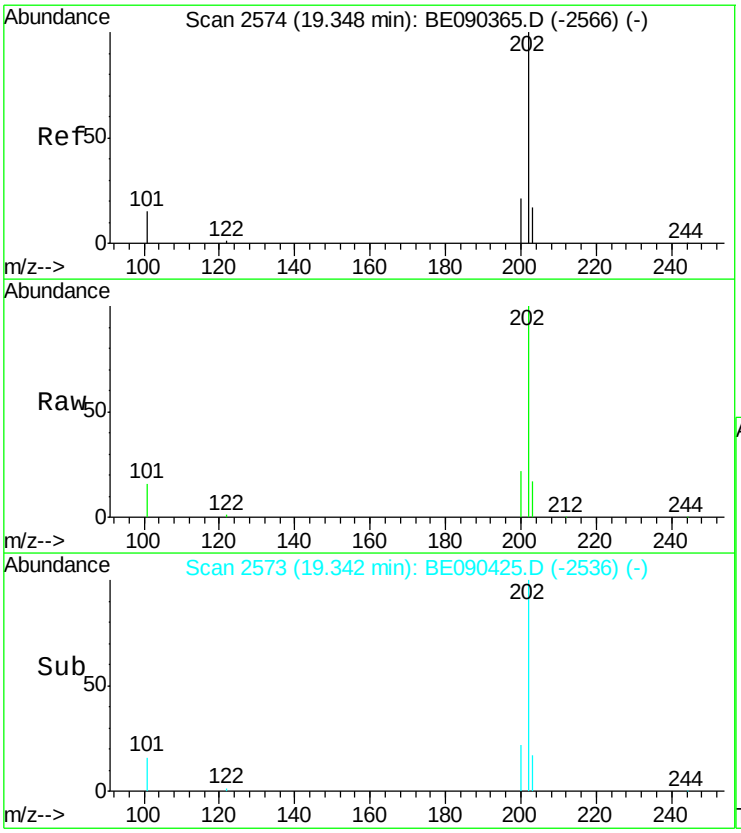
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Instrument :
BNA_E
ClientSampleId :
PB84906BSD

Tgt Ion:240 Resp: 198409

Ion	Ratio	Lower	Upper
240	100		
120	14.0	8.3	12.5#
236	27.7	21.0	31.4

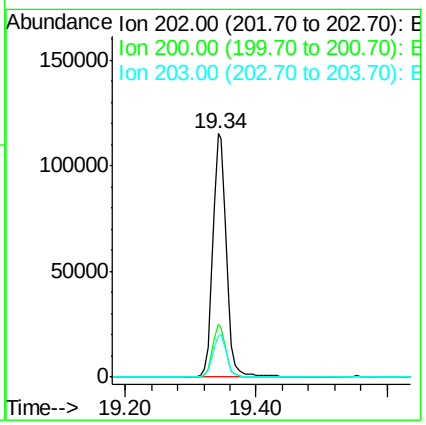


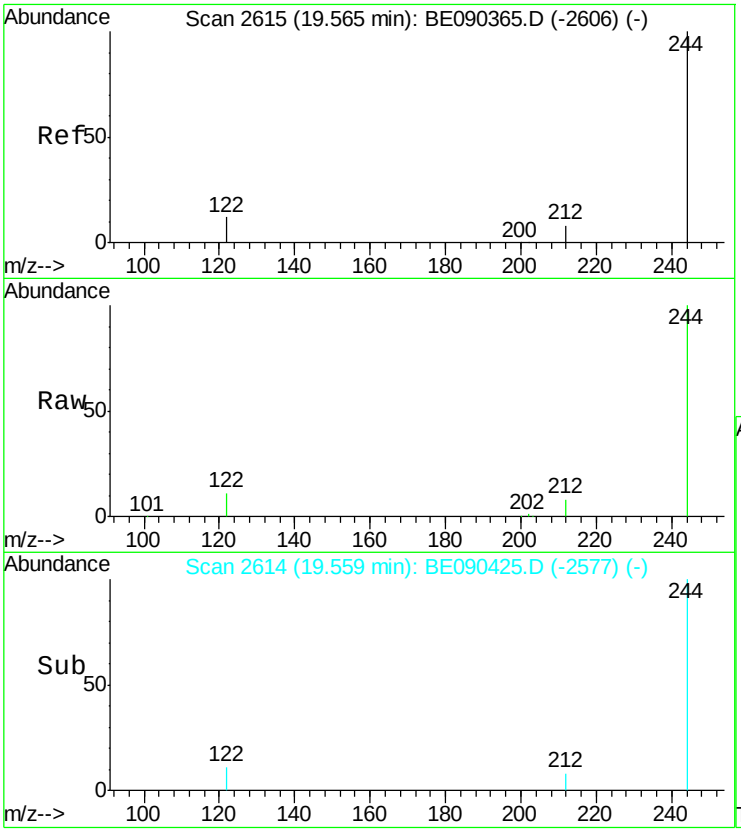


#26
Pyrene
Concen: 3.86 ng
RT: 19.34 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Tgt Ion:202 Resp: 166129

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	18.0	13.8	20.8



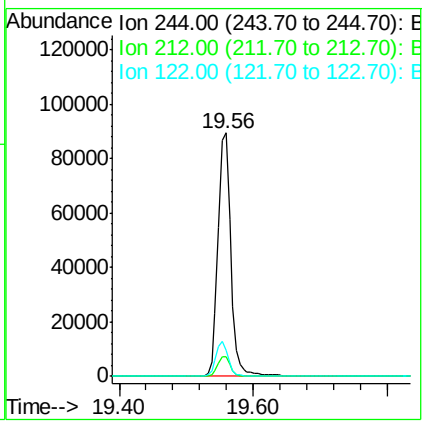


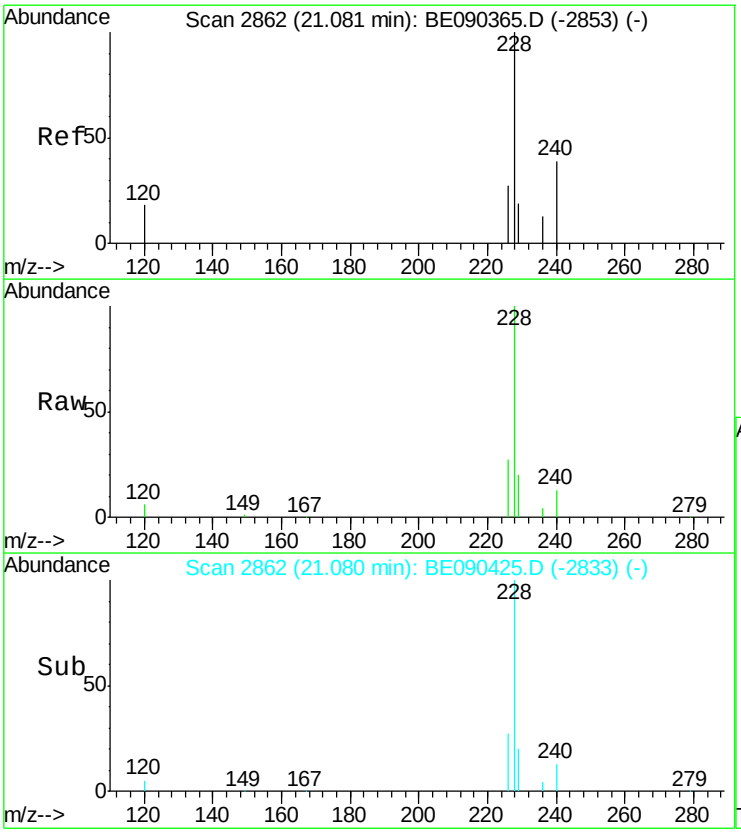
#27
Terphenyl-d14
Concen: 4.03 ng
RT: 19.56 min Scan# 2614
Delta R.T. -0.01 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Instrument :
BNA_E
ClientSampleId :
PB84906BSD

Tgt Ion:244 Resp: 117819

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	9.8
122	10.7	10.2	15.4

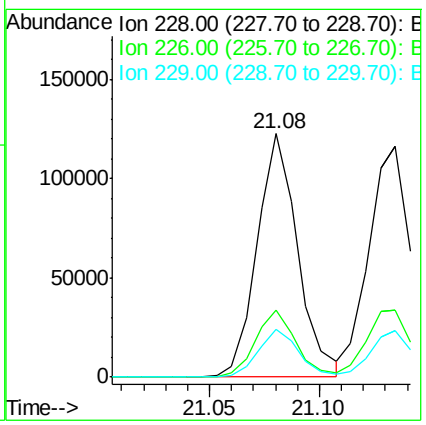


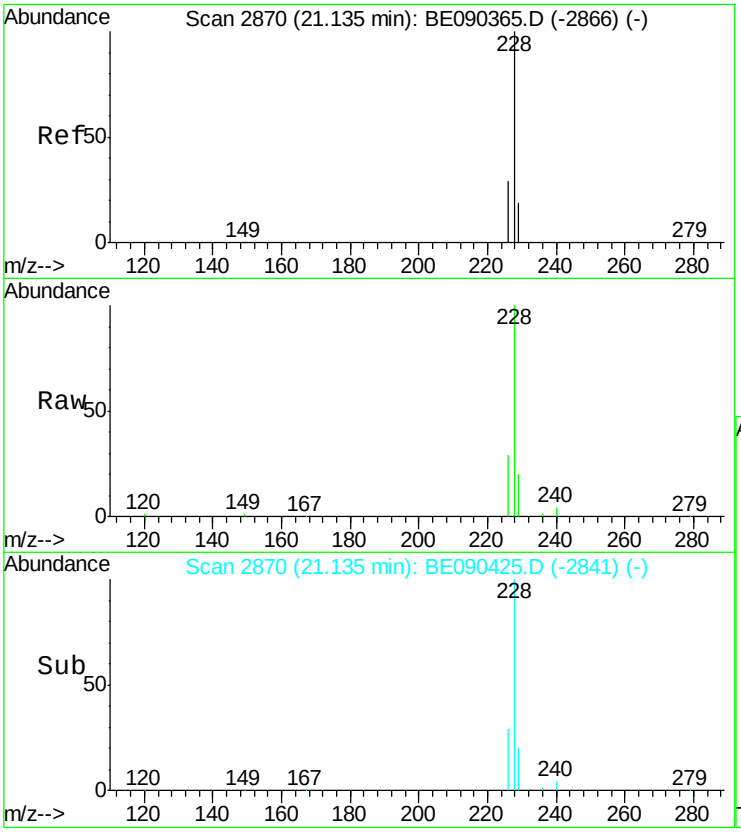


#28
Benzo(a)anthracene
Concen: 3.59 ng
RT: 21.08 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Tgt Ion:228 Resp: 158043

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.9	32.9
229	19.7	15.4	23.0



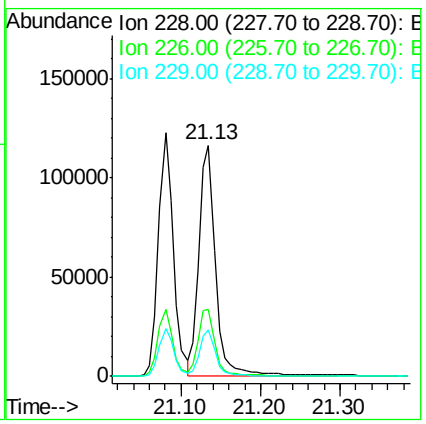


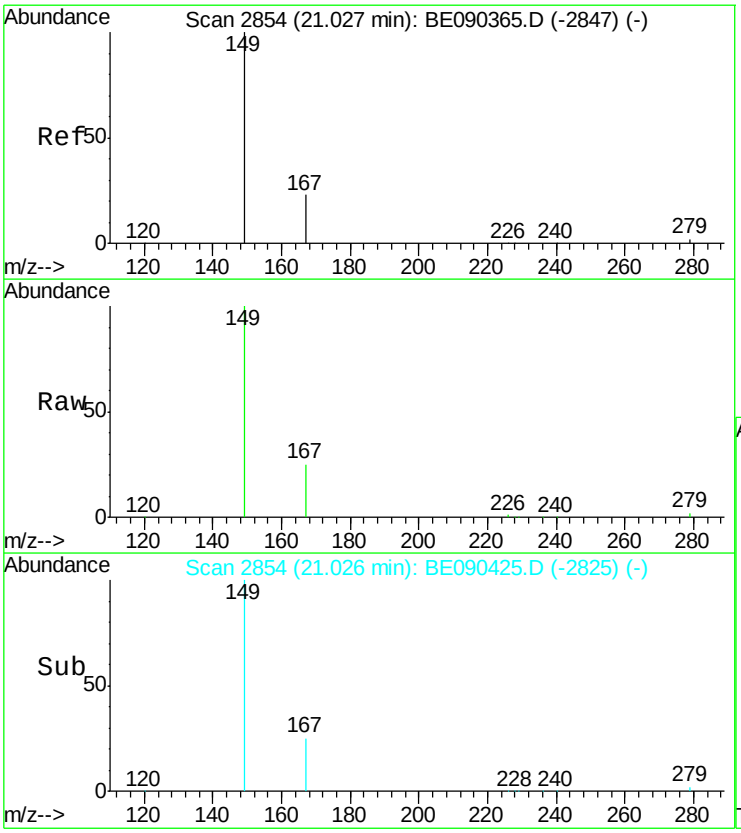
#29
Chrysene
Concen: 3.22 ng m
RT: 21.13 min Scan# 2870
Delta R.T. -0.00 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Instrument :
BNA_E
ClientSampleId :
PB84906BSD

Tgt Ion:228 Resp: 171147

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.1	34.7
229	20.1	15.8	23.8

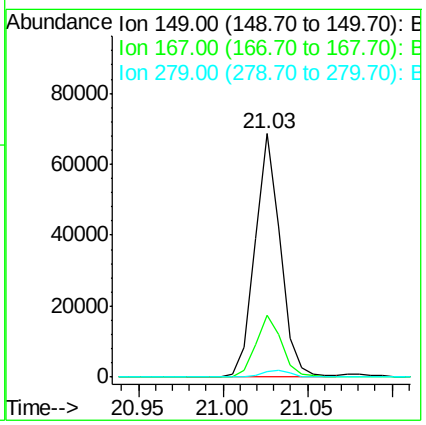


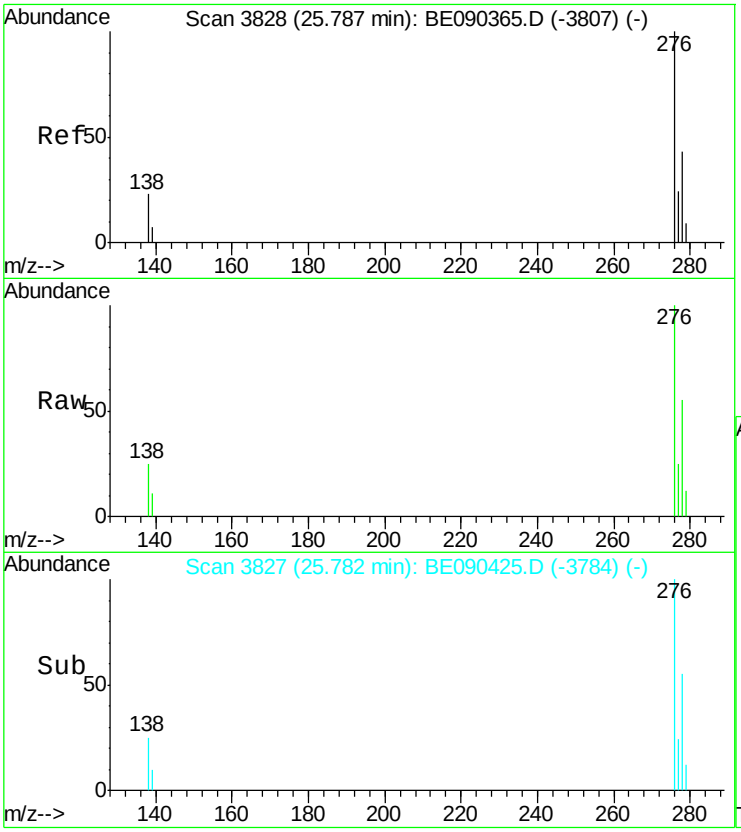


#30
Bis(2-ethylhexyl)phthalate
Concen: 4.59 ng
RT: 21.03 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Tgt Ion:149 Resp: 70708

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



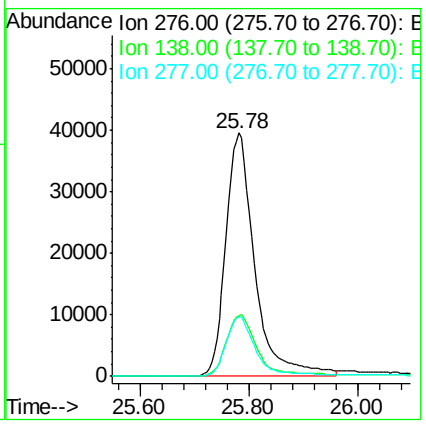


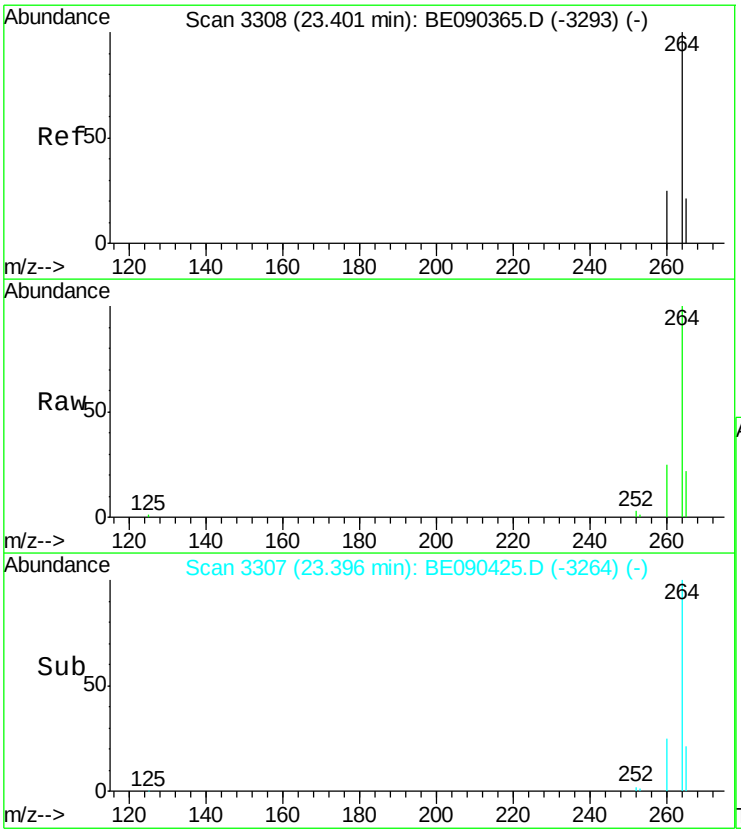
#31
Indeno(1,2,3-cd)pyrene
Concen: 3.12 ng
RT: 25.78 min Scan# 3827
Delta R.T. -0.00 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Instrument :
BNA_E
ClientSampleId :
PB84906BSD

Tgt Ion:276 Resp: 144705

Ion	Ratio	Lower	Upper
276	100		
138	26.6	18.8	28.2
277	24.8	18.2	27.4

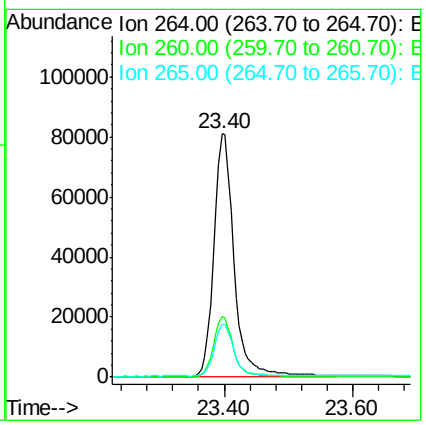


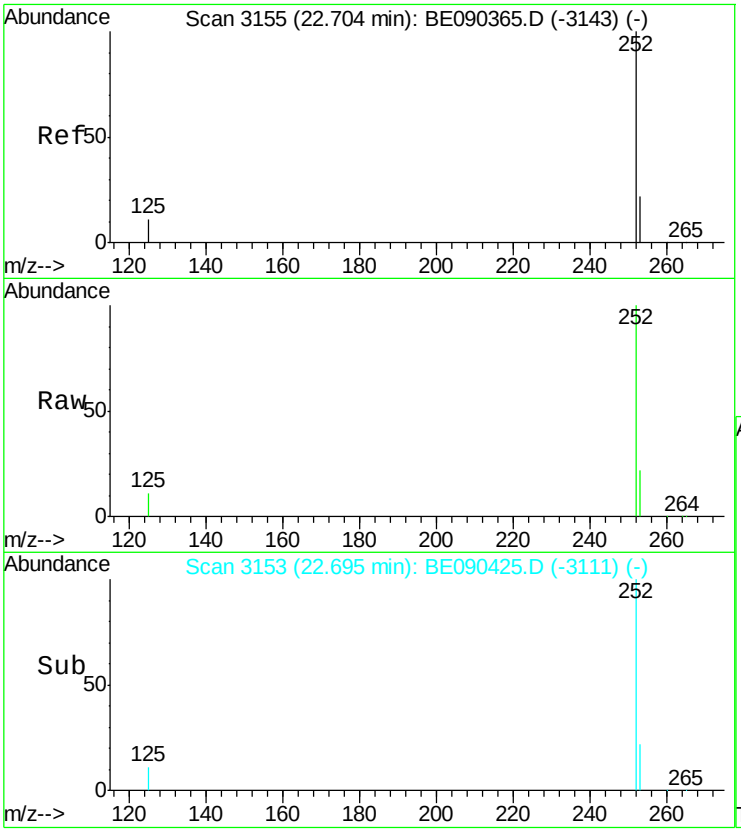


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3307
Delta R.T. -0.00 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Tgt Ion:264 Resp: 177440

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	21.8	17.2	25.8



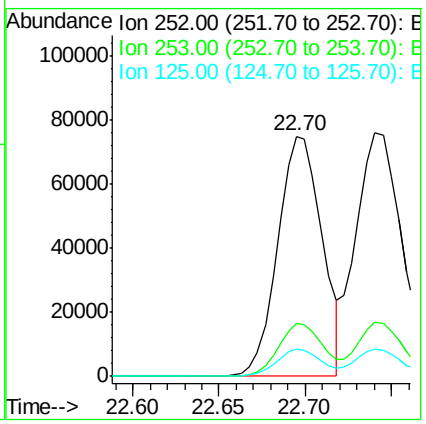


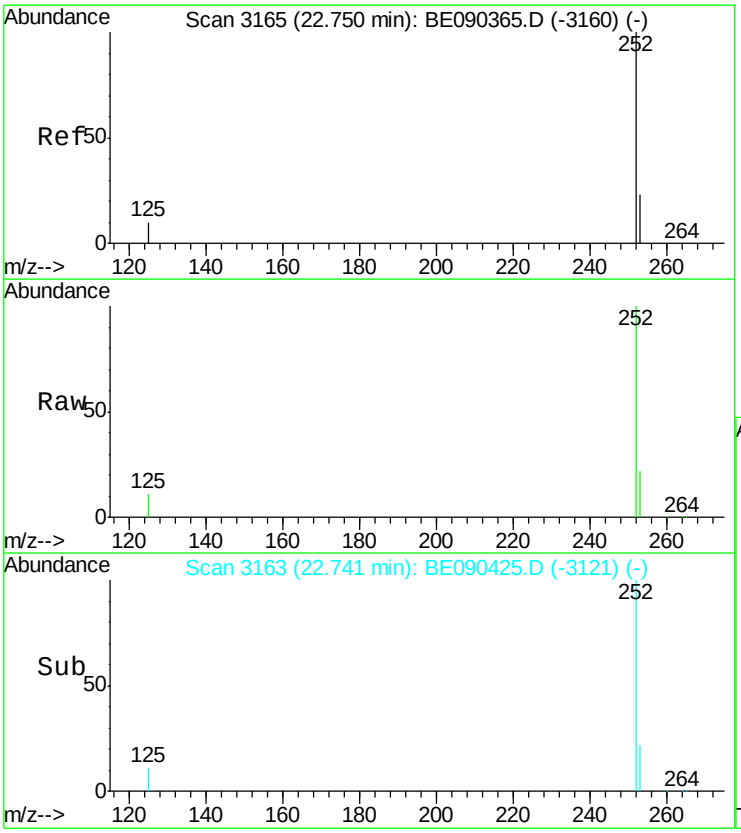
#33
Benzo(b)fluoranthene
Concen: 3.38 ng
RT: 22.70 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Instrument :
BNA_E
ClientSampleId :
PB84906BSD

Tgt Ion:252 Resp: 132965

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	11.3	9.4	14.2

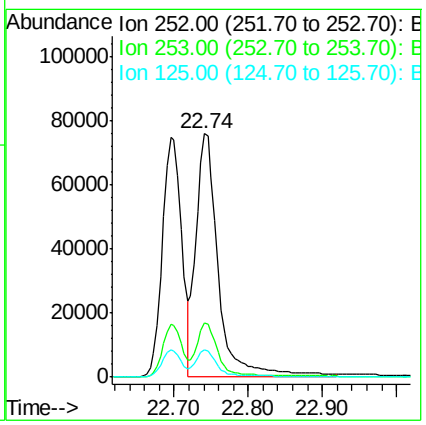


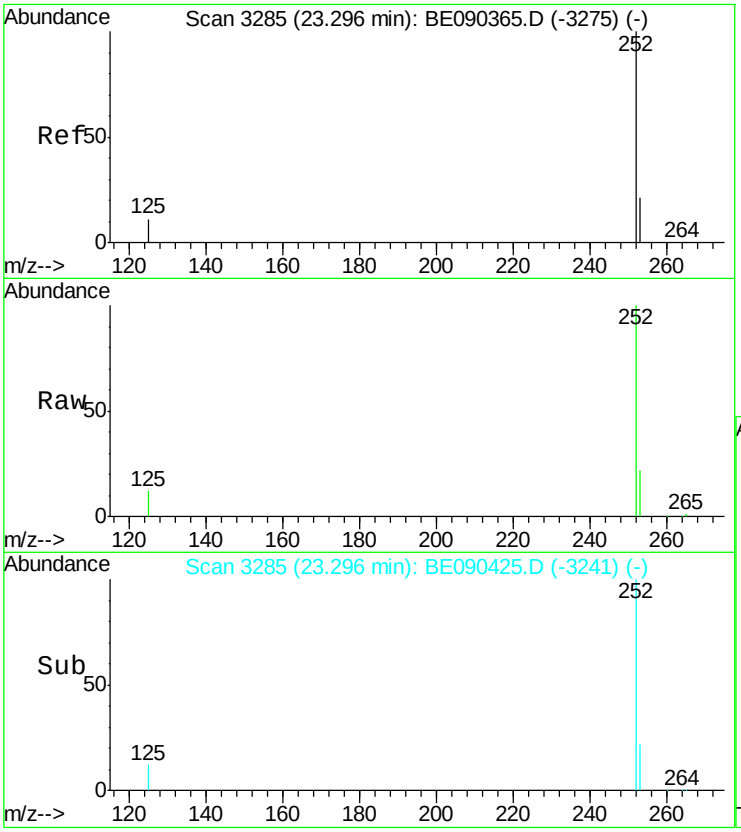


#34
Benzo(k)fluoranthene
Concen: 3.25 ng m
RT: 22.74 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Tgt Ion:252 Resp: 160625

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	11.3	9.1	13.7



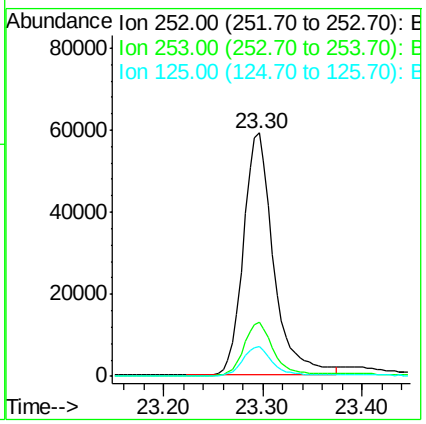


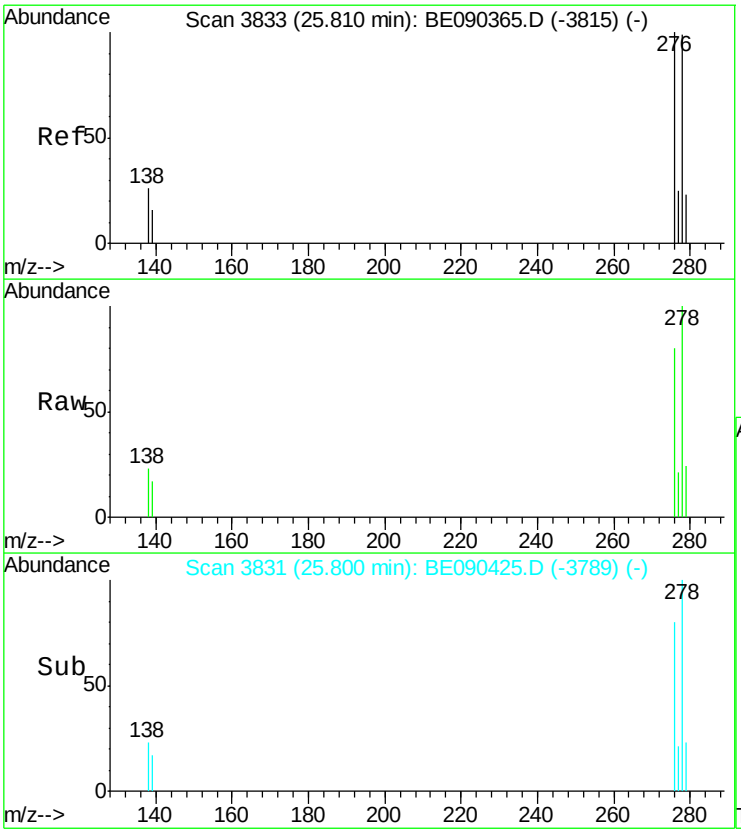
#35
Benzo(a)pyrene
Concen: 3.39 ng
RT: 23.30 min Scan# 3285
Delta R.T. 0.00 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Instrument :
BNA_E
ClientSampleId :
PB84906BSD

Tgt Ion:252 Resp: 125652

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	12.1	9.8	14.6

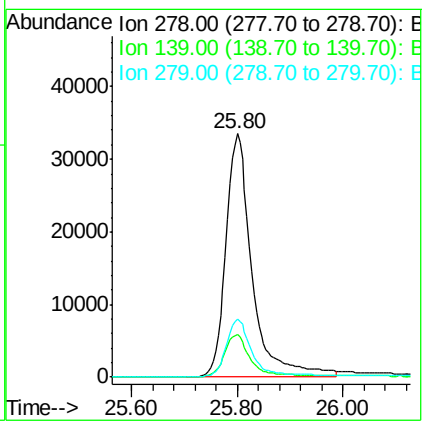


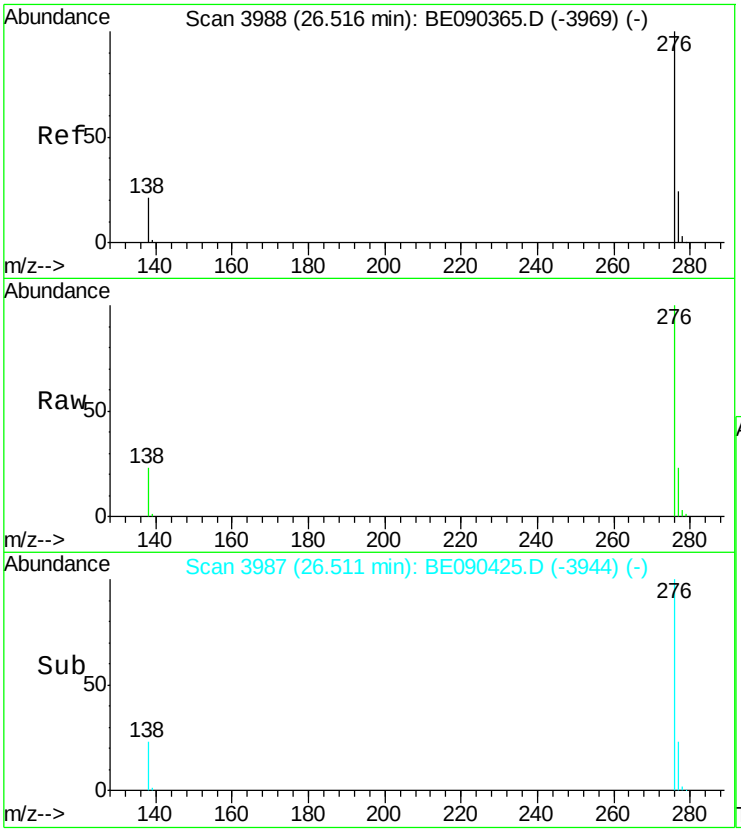


#36
Dibenzo(a,h)anthracene
Concen: 3.21 ng
RT: 25.80 min Scan# 3831
Delta R.T. -0.01 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Tgt Ion:278 Resp: 115147

Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.2	21.4
279	23.6	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 3.89 ng
RT: 26.51 min Scan# 3987
Delta R.T. -0.01 min
Lab File: BE090425.D
Acq: 11 Aug 2015 5:49

Instrument :
BNA_E
ClientSampleId :
PB84906BSD

Tgt Ion:276 Resp: 127502

Ion	Ratio	Lower	Upper
276	100		
277	23.1	20.1	30.1
138	22.9	18.1	27.1