Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080315\
Data File : BE090330.D
Acq On : 4 Aug 2015 3:50
Operator : TP/UM
Sample : PB84826BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB84826BL

Quant Time: Aug 04 07:41:44 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 02:31:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	81	5.00	ng		0.01
6) Naphthalene-d8	10.37	136	251	5.00	ng		0.01
12) Acenaphthene-d10	14.22	164	87	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	150	5.00	ng		0.03
25) Chrysene-d12	21.13	240	660	5.00	ng		0.01
32) Perylene-d12	23.43	264	893	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	92	5.94	ng		0.01
5) Phenol-d6	6.81	99	19	1.00	ng		0.02
7) Nitrobenzene-d5	8.75	82	4	0.27	ng		0.01
13) 2,4,6-Tribromophenol	15.76	330	2	1.78	ng		0.03
14) 2-Fluorobiphenyl	12.86	172	78	3.09	ng		0.03
27) Terphenyl-d14	19.59	244	81	0.66	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	13	1.21	ng	#	36
3) n-Nitrosodimethylamine	3.49	42	3	0.22	ng	#	91
8) Nitrobenzene	8.79	77	1	0.07	ng	#	1
9) Naphthalene	10.43	128	3	0.06	ng	#	1
10) Hexachlorobutadiene	10.70	225	2	0.28	ng	#	51
11) 2-Methylnaphthalene	12.02	142	2	0.06	ng	#	63
15) Acenaphthylene	13.92	152	16	0.11	ng	#	60
16) Acenaphthene	14.26	154	5	0.23	ng	#	1
17) Fluorene	15.26	166	13	0.49	ng	#	1
19) 4-Bromophenyl-phenylether	16.21	248	3	0.53	ng	#	1
20) Hexachlorobenzene	16.35	284	10	0.47	ng	#	40
21) Pentachlorophenol	16.70	266	7	4.83	ng		84
22) Phenanthrene	17.00	178	38	1.11	ng	#	51
23) Anthracene	17.17	178	2	0.07	ng	#	1
24) Fluoranthene	19.00	202	13	0.38	ng	#	65
26) Pyrene	19.37	202	32	0.18	ng	#	83
28) Benzo(a)anthracene	21.11	228	104	0.83	ng	#	25
29) Chrysene	21.16	228	157	1.00	ng	#	40
30) Bis(2-ethylhexyl)phthalate	21.03	149	5	0.26	ng	#	60
31) Indeno(1,2,3-cd)pyrene	25.82	276	176	2.31	ng	#	65
33) Benzo(b)fluoranthene	22.73	252	165	1.24	ng	#	29
34) Benzo(k)fluoranthene	22.73	252	188	0.78	ng	#	24
35) Benzo(a)pyrene	23.33	252	296	2.05	ng	#	41
36) Dibenzo(a,h)anthracene	25.85	278	118	1.52	ng	#	62
37) Benzo(g,h,i)perylene	26.56	276	517	3.21	ng	#	75

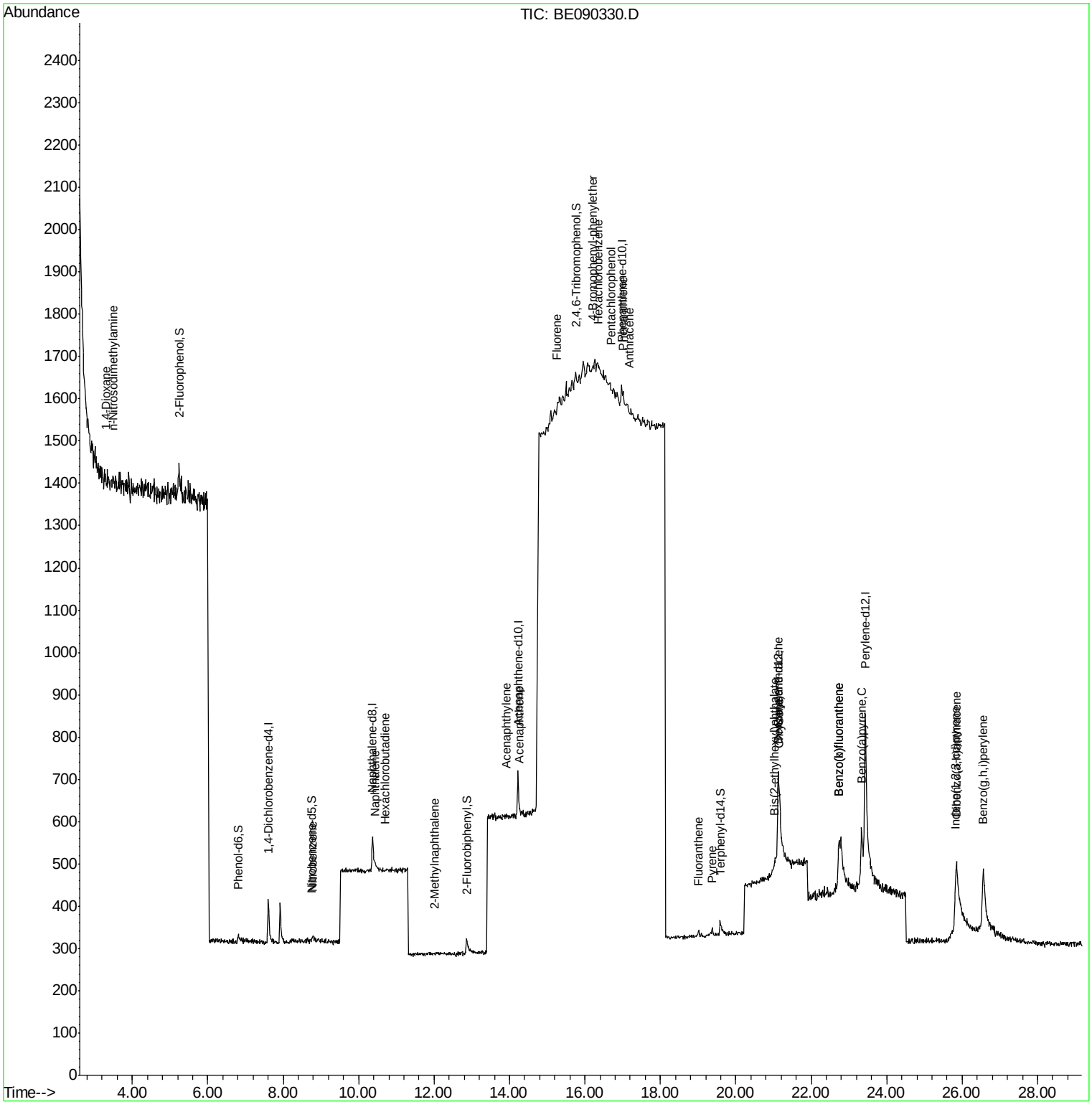
(#) = qualifier out of range (m) = manual integration (+) = signals summed

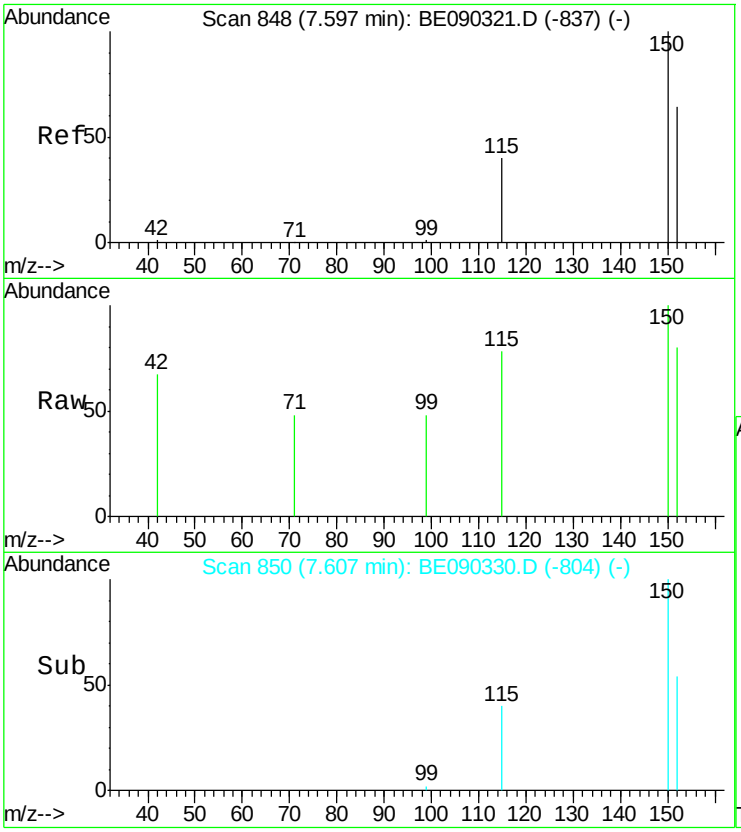
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080315\
Data File : BE090330.D
Acq On : 4 Aug 2015 3:50
Operator : TP/UM
Sample : PB84826BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB84826BL

Quant Time: Aug 04 07:41:44 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 02:31:31 2015
Response via : Initial Calibration



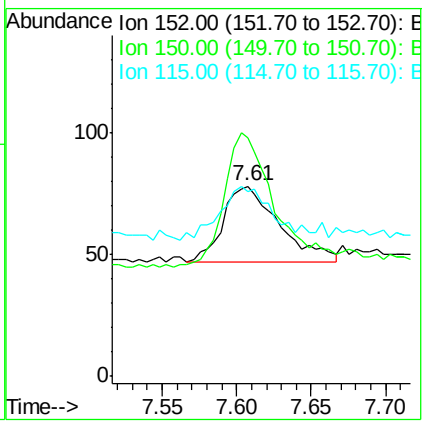


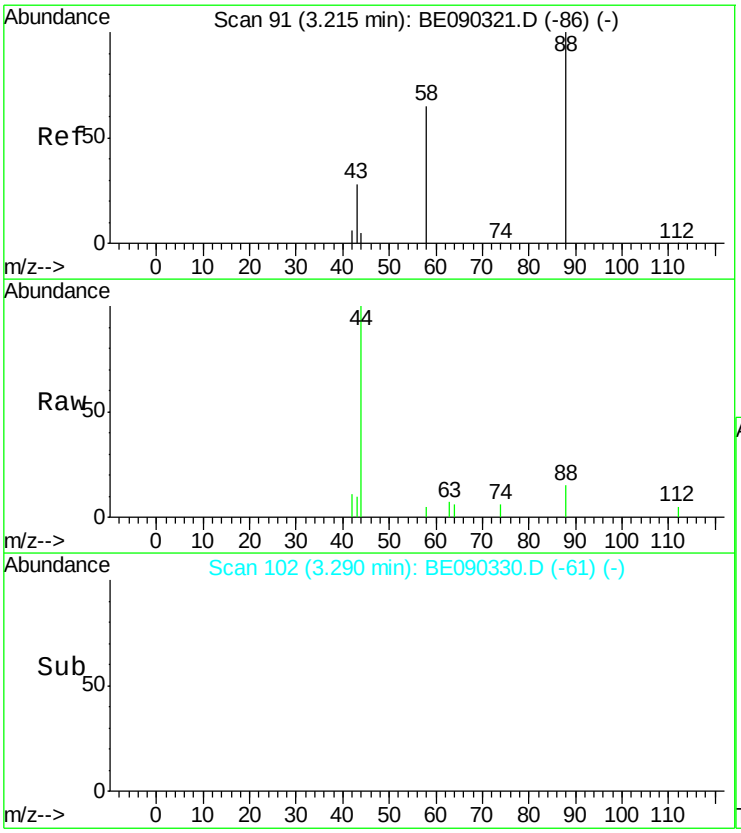
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 850
Delta R.T. 0.01 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Instrument :
BNA_E
ClientSampleId :
PB84826BL

Tgt Ion:152 Resp: 81

Ion	Ratio	Lower	Upper
152	100		
150	125.6	124.2	186.2
115	97.4	50.4	75.6#

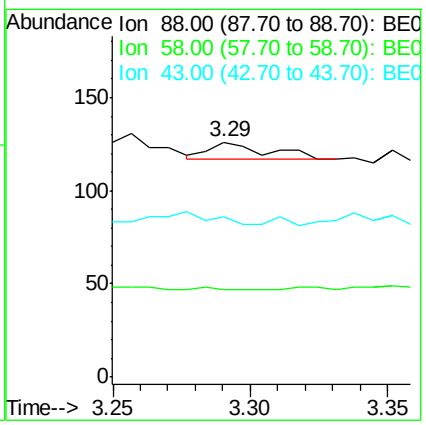


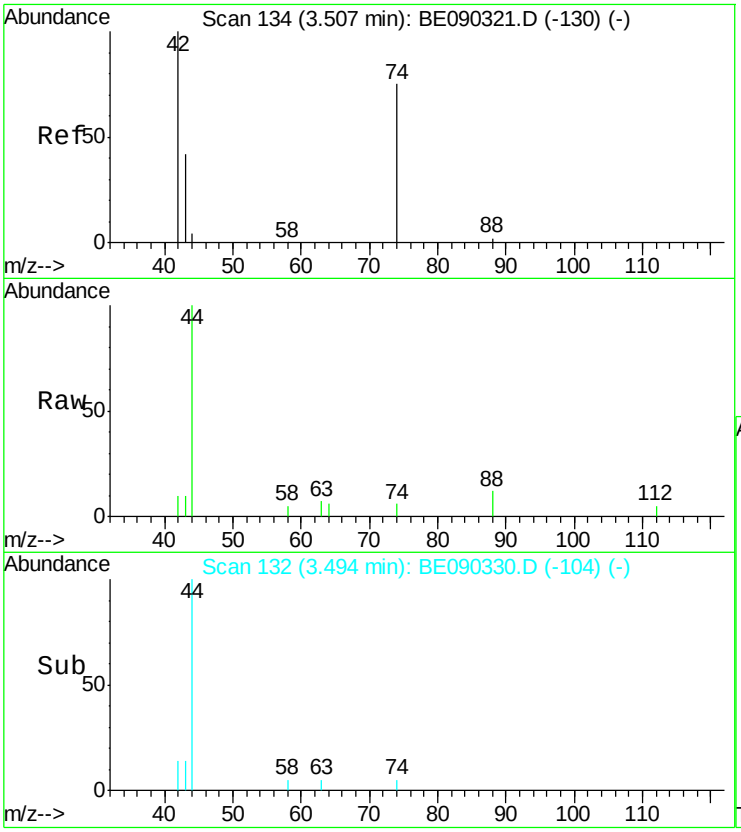


#2
1,4-Dioxane
Concen: 1.21 ng
RT: 3.29 min Scan# 102
Delta R.T. 0.08 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Tgt Ion: 88 Resp: 13

Ion	Ratio	Lower	Upper
88	100		
58	15.4	50.2	75.2#
43	69.2	25.0	37.6#



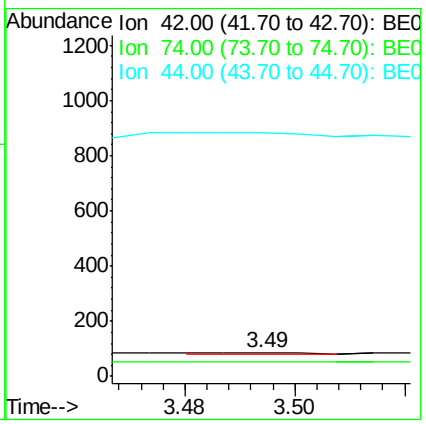


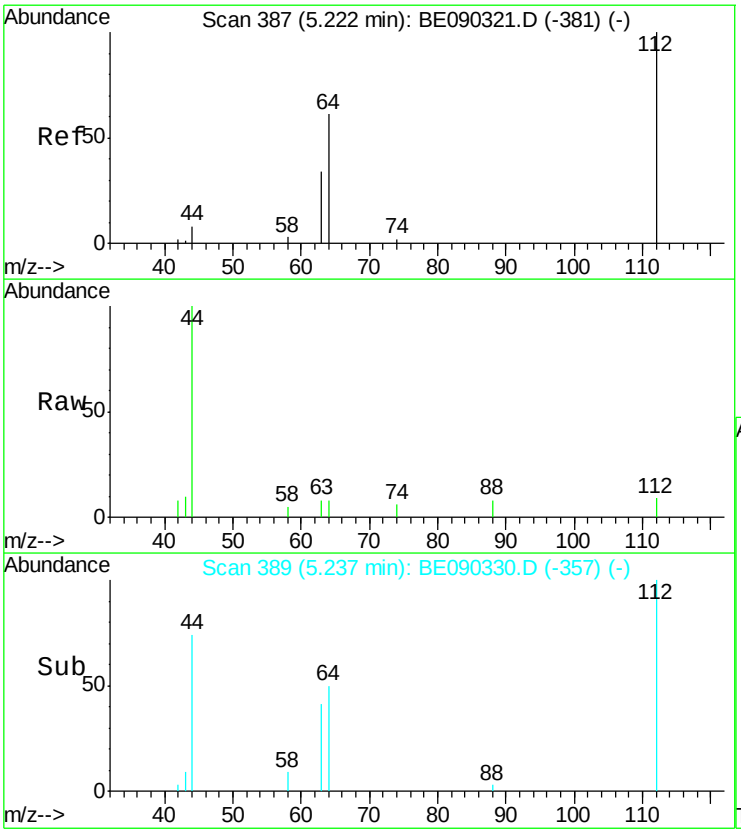
#3
n-Nitrosodimethylamine
Concen: 0.22 ng
RT: 3.49 min Scan# 132
Delta R.T. -0.01 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Instrument :
BNA_E
ClientSampleId :
PB84826BL

Tgt Ion: 42 Resp: 3

Ion	Ratio	Lower	Upper
42	100		
74	100.0	73.2	109.8
44	0.0	3.8	5.6#

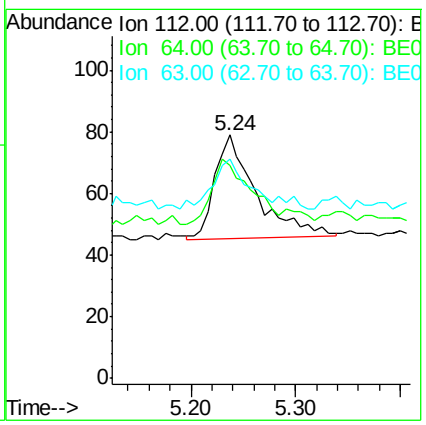


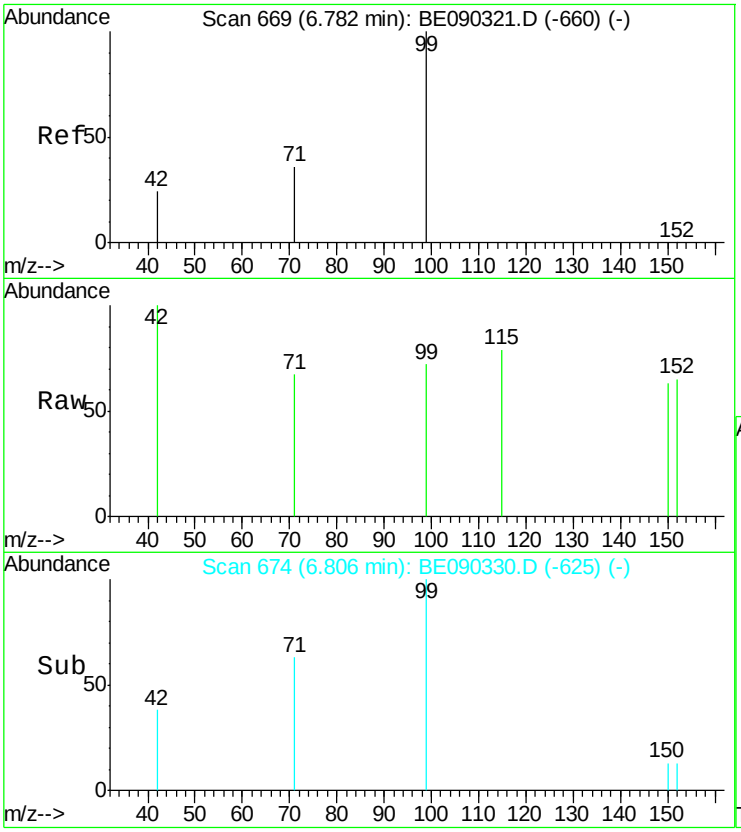


#4
2-Fluorophenol
Concen: 5.94 ng
RT: 5.24 min Scan# 389
Delta R.T. 0.01 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Tgt Ion:112 Resp: 92

Ion	Ratio	Lower	Upper
112	100		
64	58.7	49.0	73.4
63	33.7	27.7	41.5



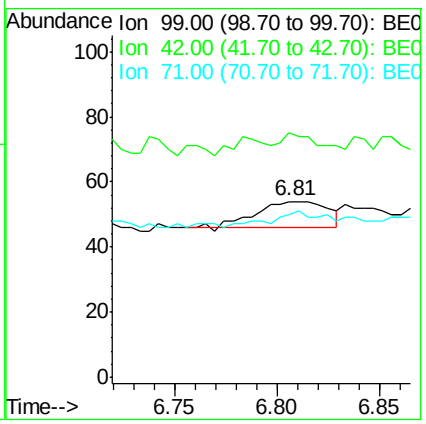


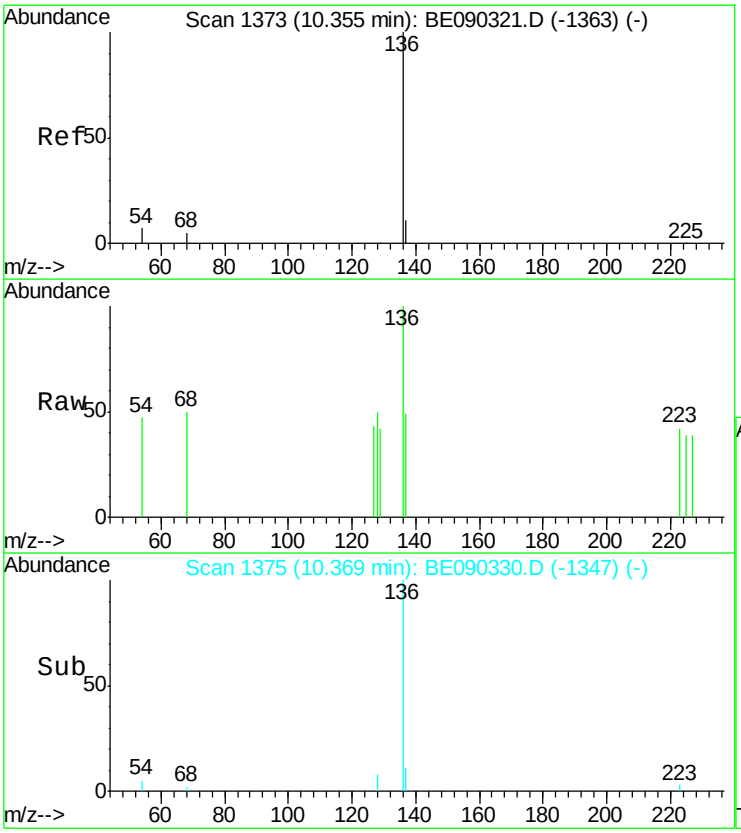
#5
Phenol-d6
Concen: 1.00 ng
RT: 6.81 min Scan# 674
Delta R.T. 0.02 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Instrument :
BNA_E
ClientSampleId :
PB84826BL

Tgt Ion: 99 Resp: 19

Ion	Ratio	Lower	Upper
99	100		
42	26.3	22.2	33.2
71	57.9	29.2	43.8#

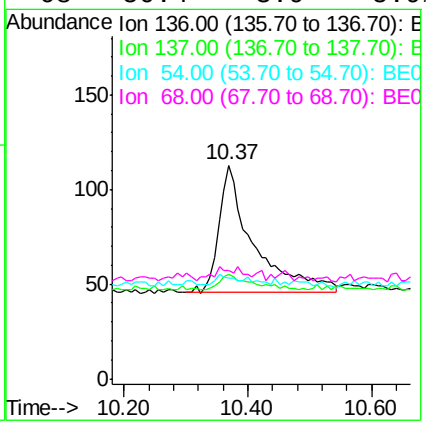


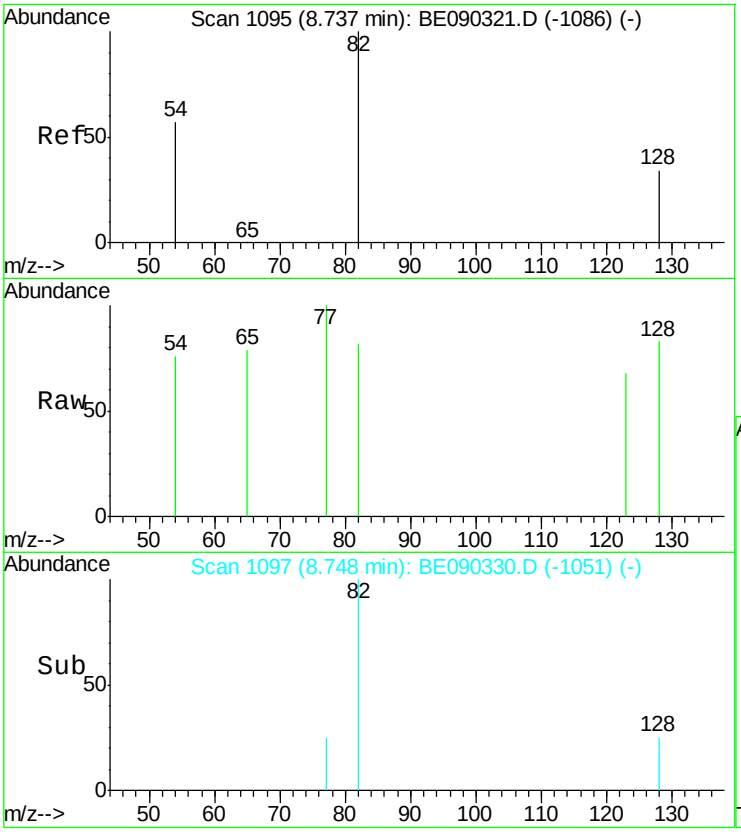


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.37 min Scan# 1375
Delta R.T. 0.01 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Tgt Ion:136 Resp: 251

Ion	Ratio	Lower	Upper
136	100		
137	48.7	8.9	13.3#
54	46.9	6.0	9.0#
68	50.4	3.9	5.9#



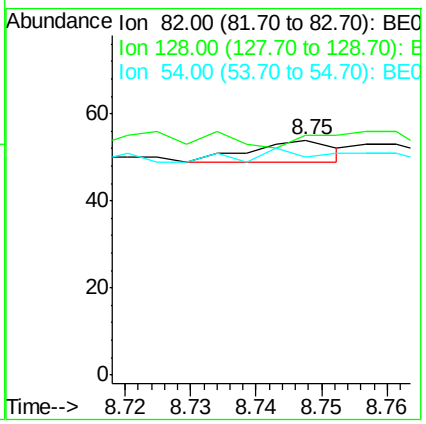


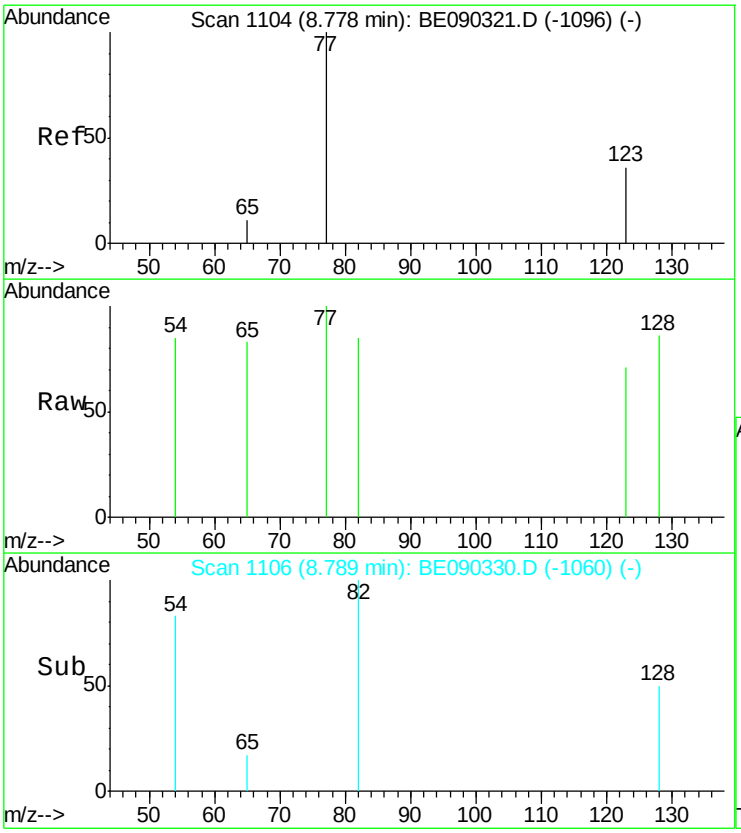
#7
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.75 min Scan# 1097
Delta R.T. 0.01 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Instrument :
BNA_E
ClientSampleId :
PB84826BL

Tgt Ion: 82 Resp: 4

Ion	Ratio	Lower	Upper
82	100		
128	101.9	30.8	46.2#
54	92.6	47.5	71.3#

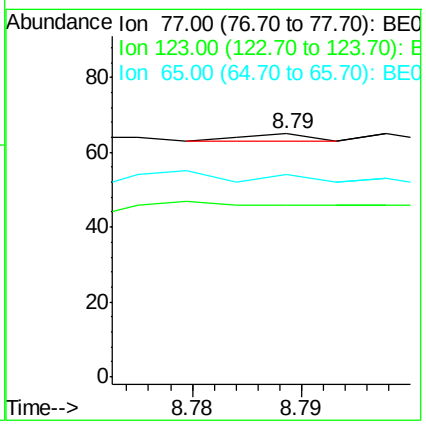


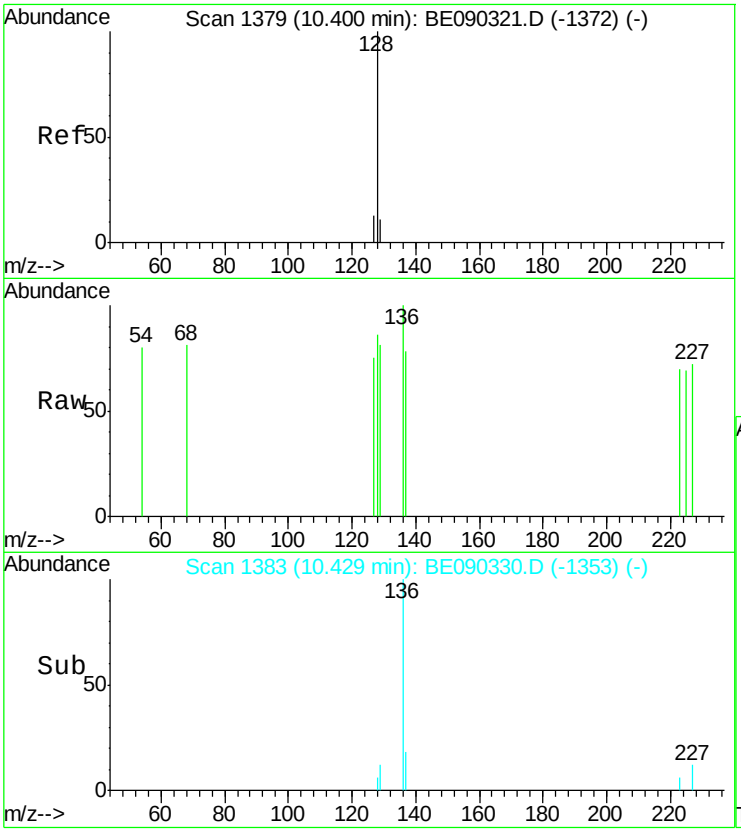


#8
Nitrobenzene
Concen: 0.07 ng
RT: 8.79 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Tgt Ion: 77 Resp: 1

Ion	Ratio	Lower	Upper
77	100		
123	200.0	29.6	44.4#
65	0.0	10.4	15.6#



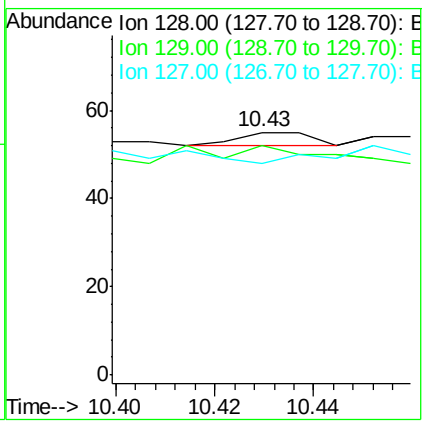


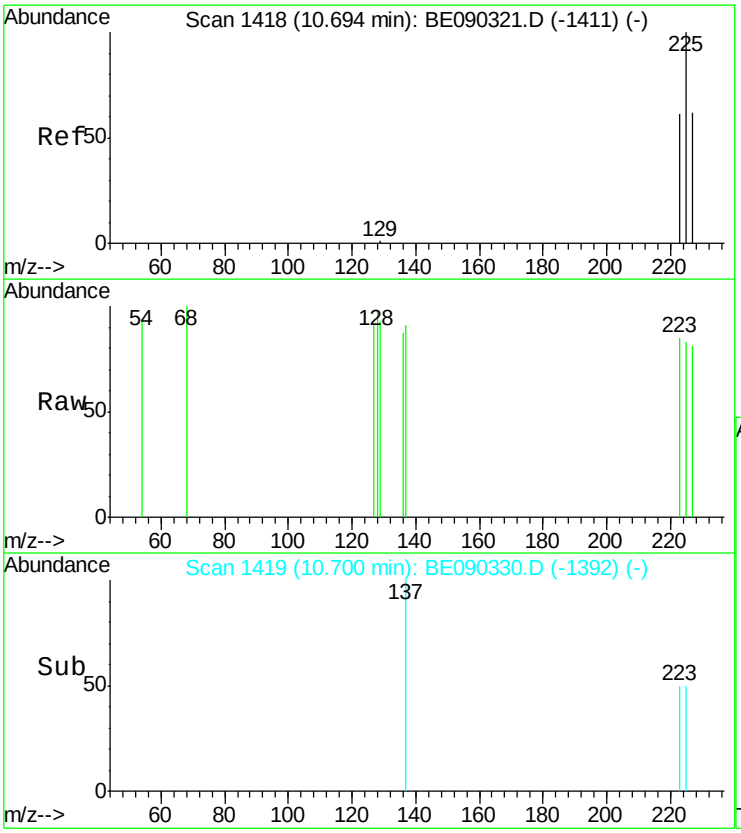
#9
Naphthalene
Concen: 0.06 ng
RT: 10.43 min Scan# 1383
Delta R.T. 0.03 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Instrument :
BNA_E
ClientSampleId :
PB84826BL

Tgt Ion:128 Resp: 3

Ion	Ratio	Lower	Upper
128	100		
129	94.5	10.1	15.1#
127	87.3	11.3	16.9#

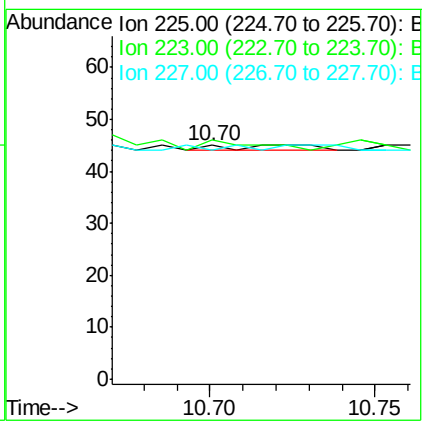


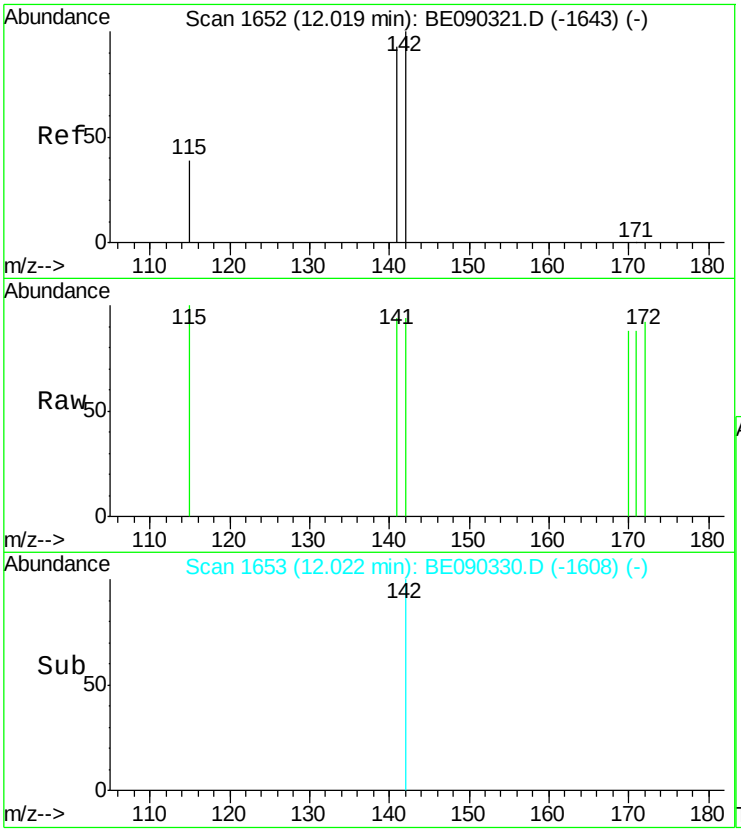


#10
Hexachlorobutadiene
Concen: 0.28 ng
RT: 10.70 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Tgt Ion:225 Resp: 2

Ion	Ratio	Lower	Upper
225	100		
223	100.0	50.4	75.6#
227	100.0	49.6	74.4#



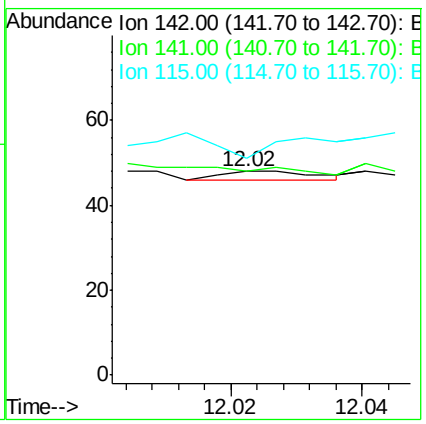


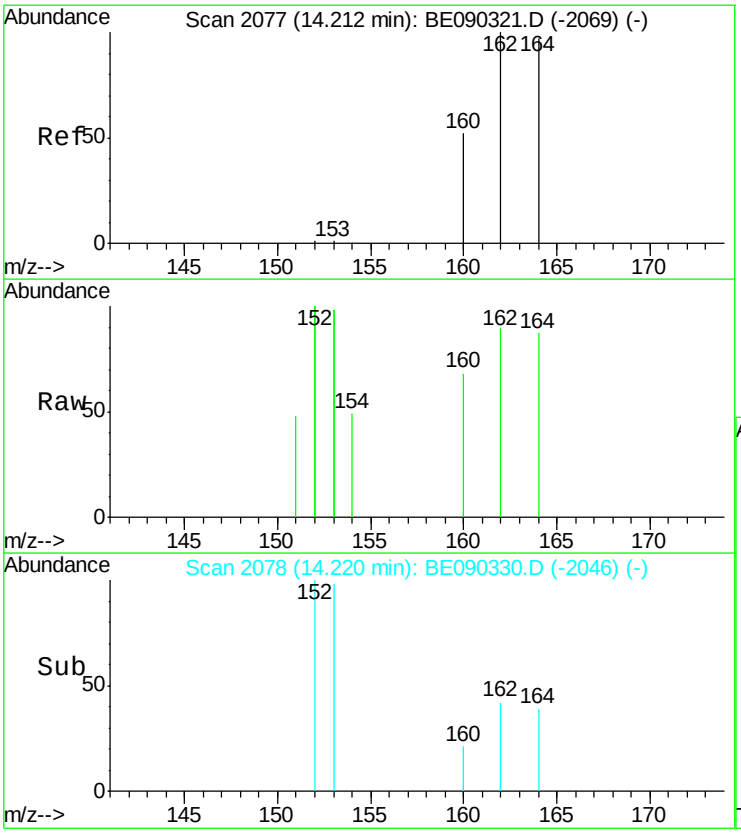
#11
2-Methylnaphthalene
Concen: 0.06 ng
RT: 12.02 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Instrument :
BNA_E
ClientSampleId :
PB84826BL

Tgt Ion:142 Resp: 2

Ion	Ratio	Lower	Upper
142	100		
141	100.0	74.6	112.0
115	106.3	32.6	49.0#

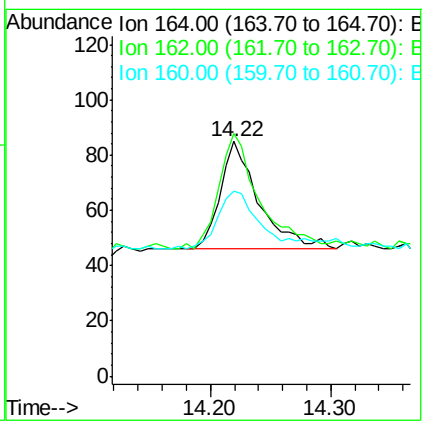


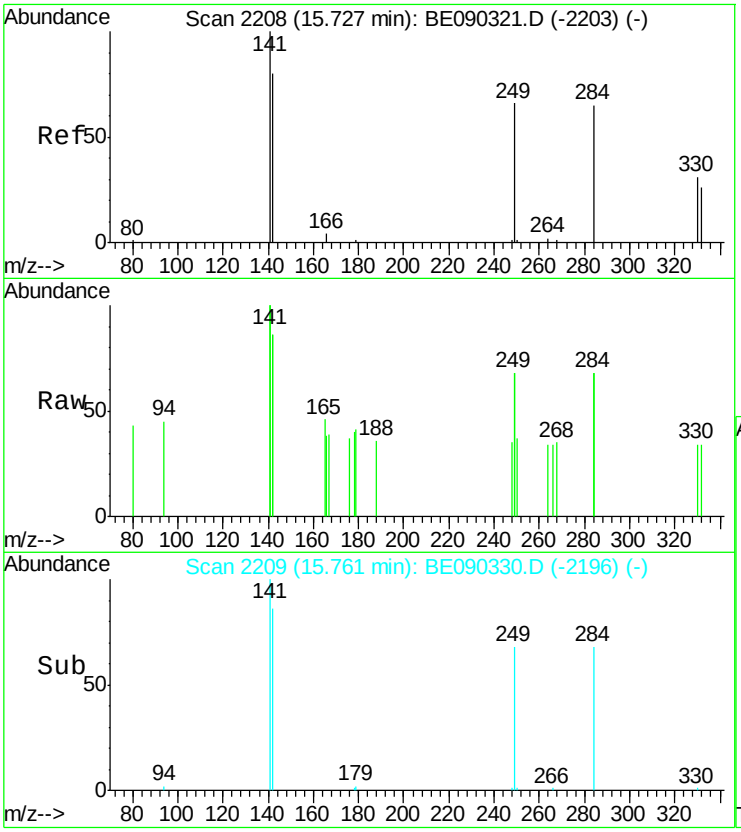


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2078
Delta R.T. 0.01 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Tgt Ion:164 Resp: 87

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.7	124.1
160	78.8	43.0	64.6#



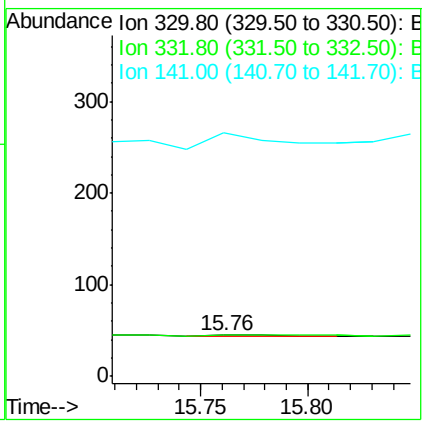


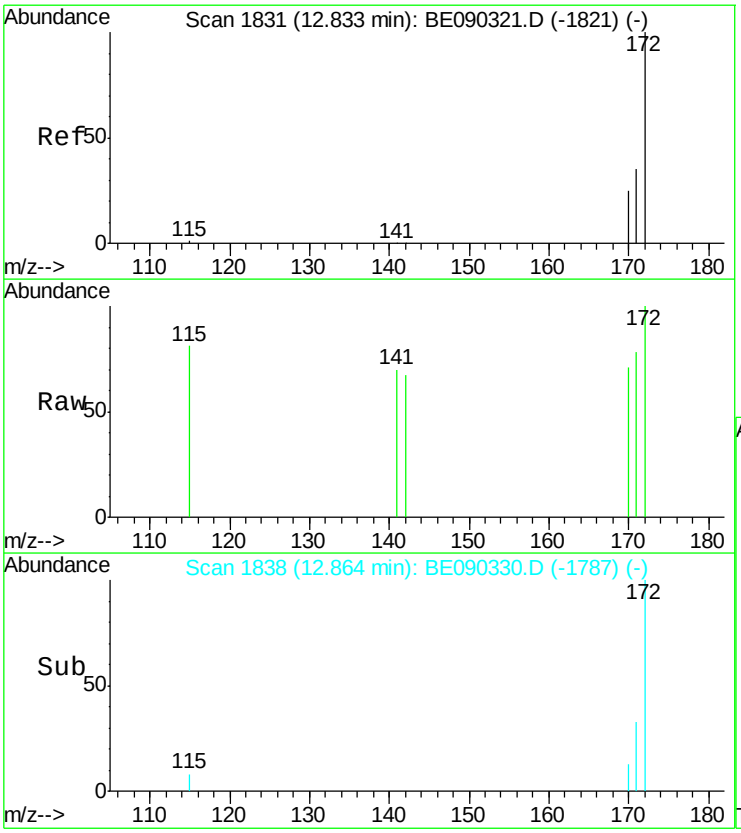
#13
2,4,6-Tribromophenol
Concen: 1.78 ng
RT: 15.76 min Scan# 2209
Delta R.T. 0.03 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Instrument :
BNA_E
ClientSampleId :
PB84826BL

Tgt Ion:330 Resp: 2

Ion	Ratio	Lower	Upper
330	100		
332	250.0	79.4	119.0#
141	5850.0	245.9	368.9#

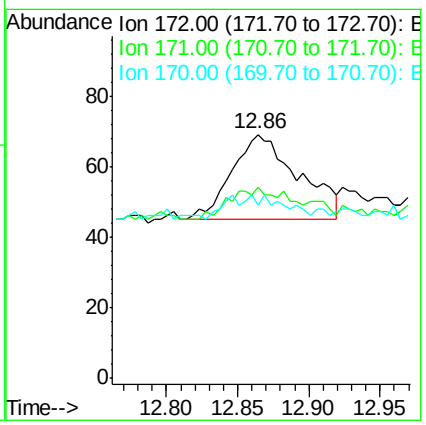


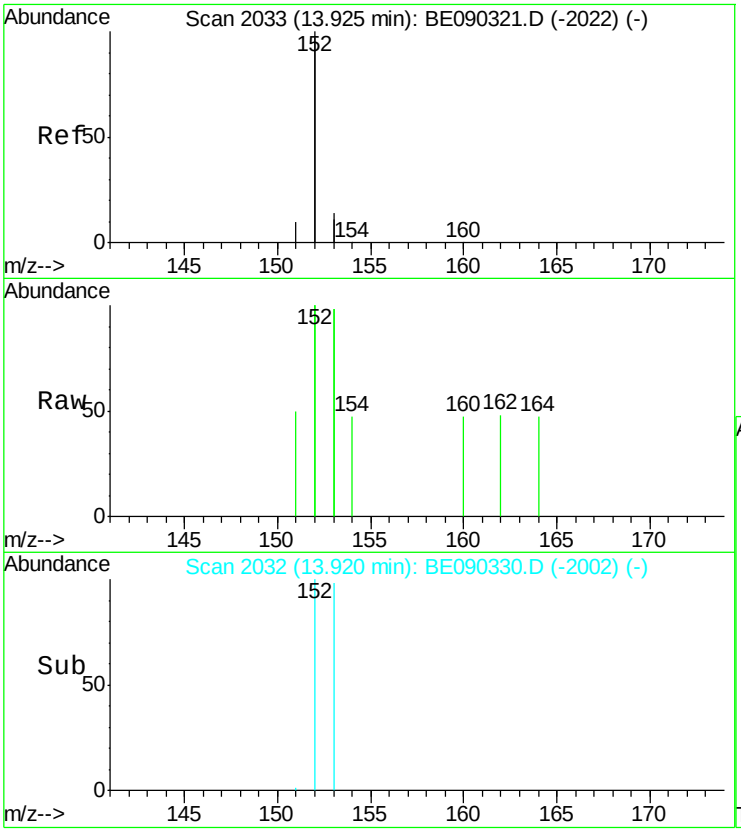


#14
2-Fluorobiphenyl
Concen: 3.09 ng
RT: 12.86 min Scan# 1838
Delta R.T. 0.03 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Tgt Ion:172 Resp: 78

Ion	Ratio	Lower	Upper
172	100		
171	78.3	29.5	44.3#
170	71.0	21.3	31.9#



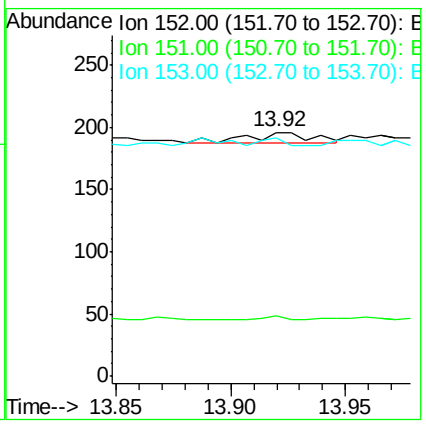


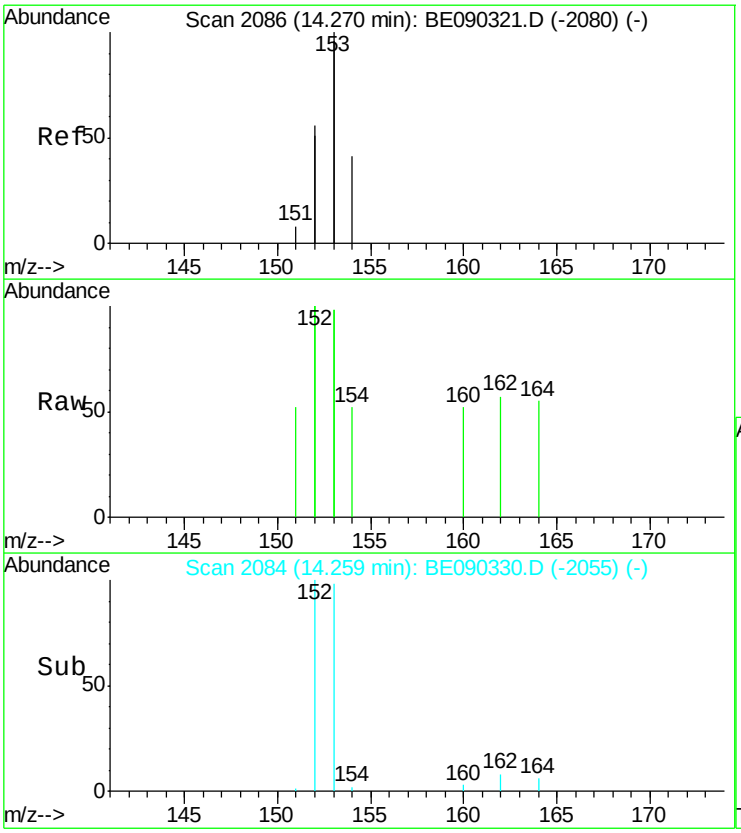
#15
Acenaphthylene
Concen: 0.11 ng
RT: 13.92 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Instrument :
BNA_E
ClientSampleId :
PB84826BL

Tgt Ion:152 Resp: 16

Ion	Ratio	Lower	Upper
152	100		
151	25.0	4.0	6.0#
153	0.0	10.2	15.4#

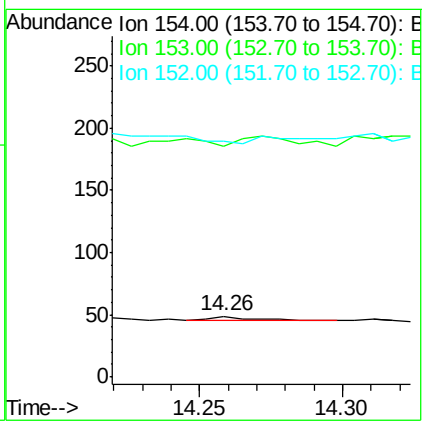


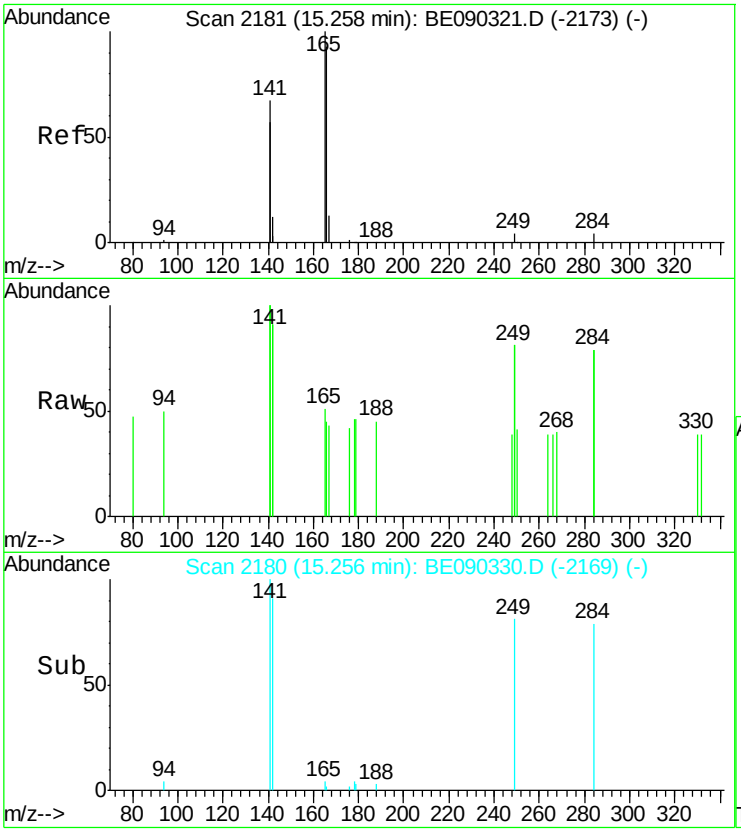


#16
Acenaphthene
Concen: 0.23 ng
RT: 14.26 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Tgt Ion:154 Resp: 5

Ion	Ratio	Lower	Upper
154	100		
153	200.0	378.0	567.0#
152	100.0	212.7	319.1#



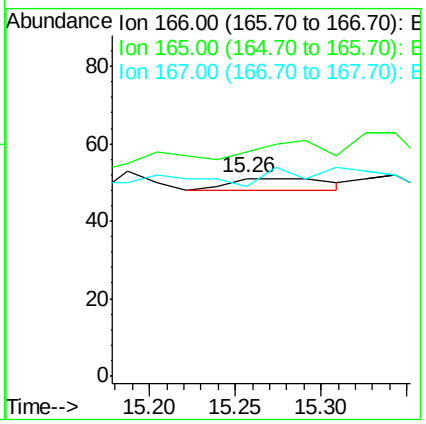


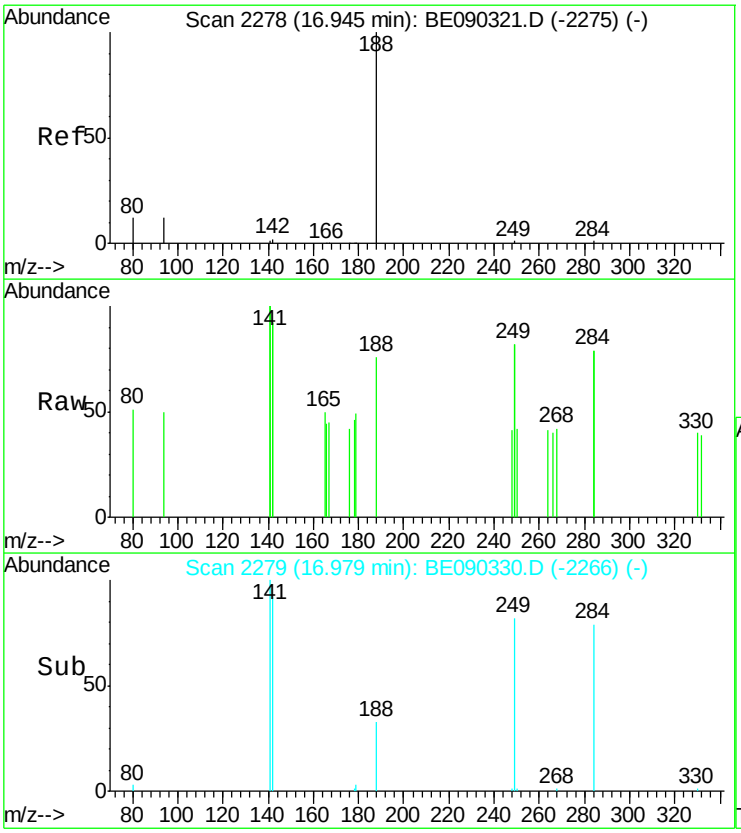
#17
Fluorene
Concen: 0.49 ng
RT: 15.26 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Instrument :
BNA_E
ClientSampleId :
PB84826BL

Tgt Ion:166 Resp: 13

Ion	Ratio	Lower	Upper
166	100		
165	0.0	82.6	123.8#
167	176.9	11.8	17.8#

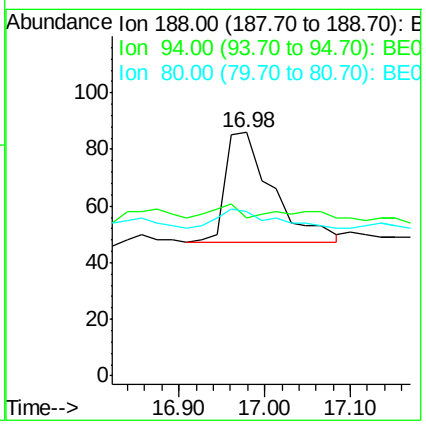


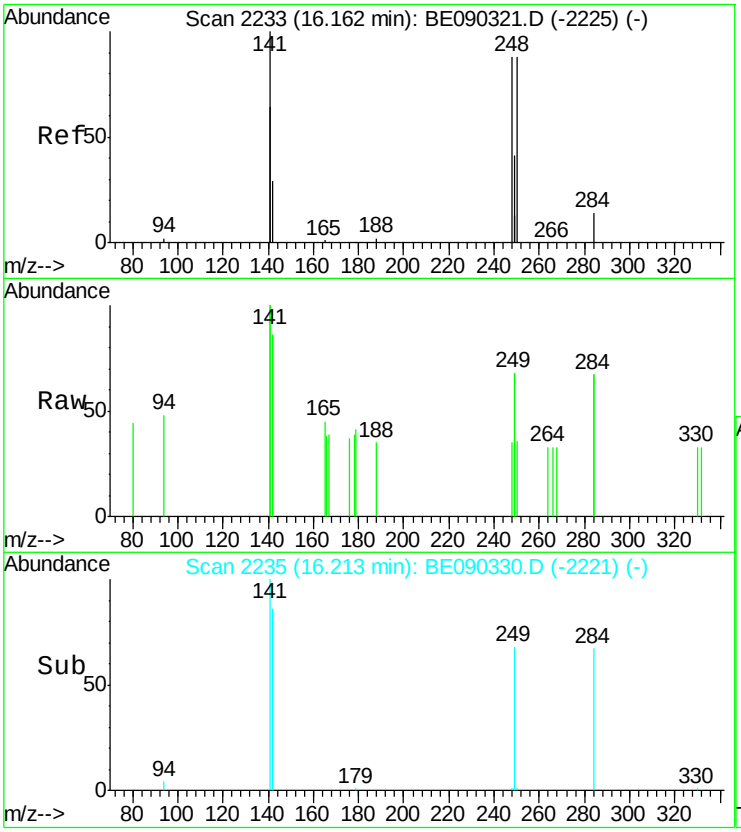


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2279
Delta R.T. 0.03 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Tgt Ion:188 Resp: 150

Ion	Ratio	Lower	Upper
188	100		
94	65.1	9.5	14.3#
80	67.4	10.0	15.0#



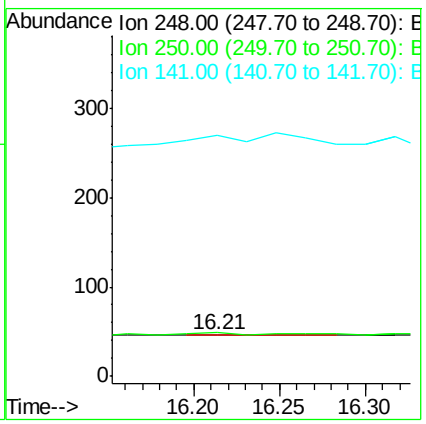


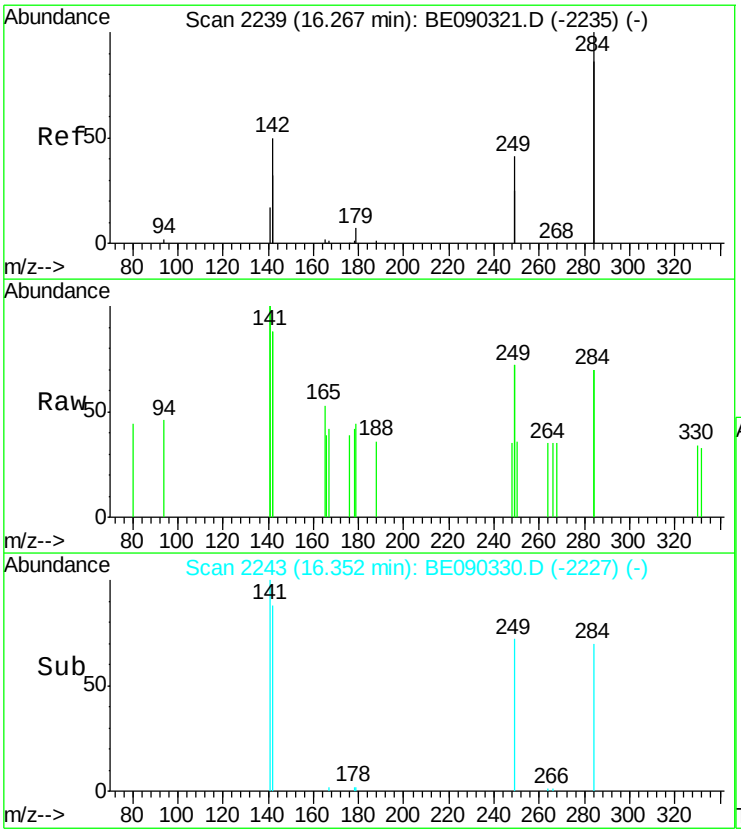
#19
4-Bromophenyl-phenylether
Concen: 0.53 ng
RT: 16.21 min Scan# 2235
Delta R.T. 0.05 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Instrument :
BNA_E
ClientSampleId :
PB84826BL

Tgt Ion:248 Resp: 3

Ion	Ratio	Lower	Upper
248	100		
250	266.7	74.0	111.0#
141	1166.7	258.9	388.3#

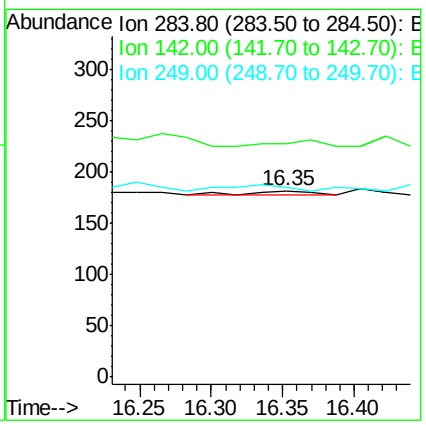


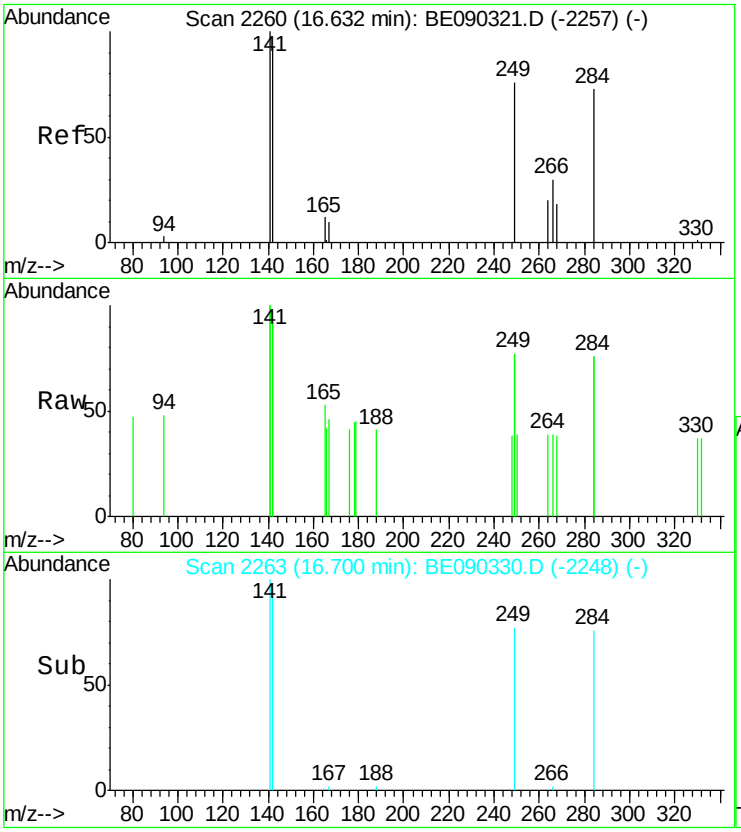


#20
Hexachlorobenzene
Concen: 0.47 ng
RT: 16.35 min Scan# 2243
Delta R.T. 0.09 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Tgt Ion:284 Resp: 10

Ion	Ratio	Lower	Upper
284	100		
142	100.0	44.2	66.4#
249	0.0	26.4	39.6#



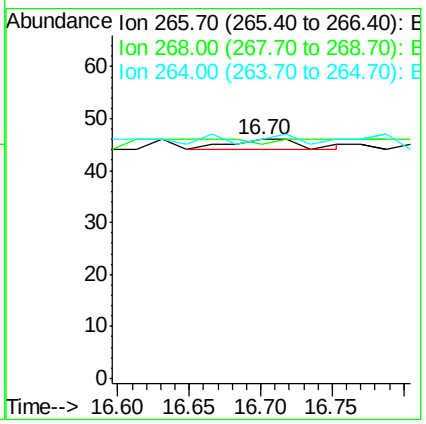


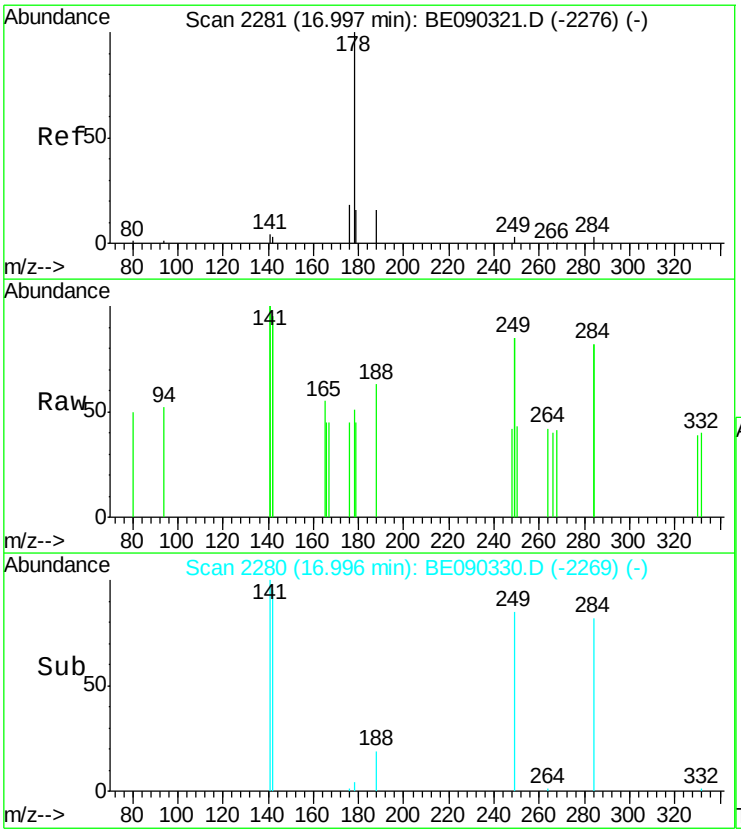
#21
Pentachlorophenol
Concen: 4.83 ng
RT: 16.70 min Scan# 2263
Delta R.T. 0.07 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Instrument :
BNA_E
ClientSampleId :
PB84826BL

Tgt Ion:266 Resp: 7

Ion	Ratio	Lower	Upper
266	100		
268	97.8	66.2	99.2
264	100.0	69.1	103.7

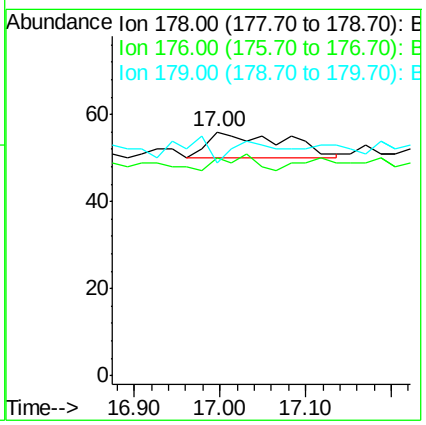


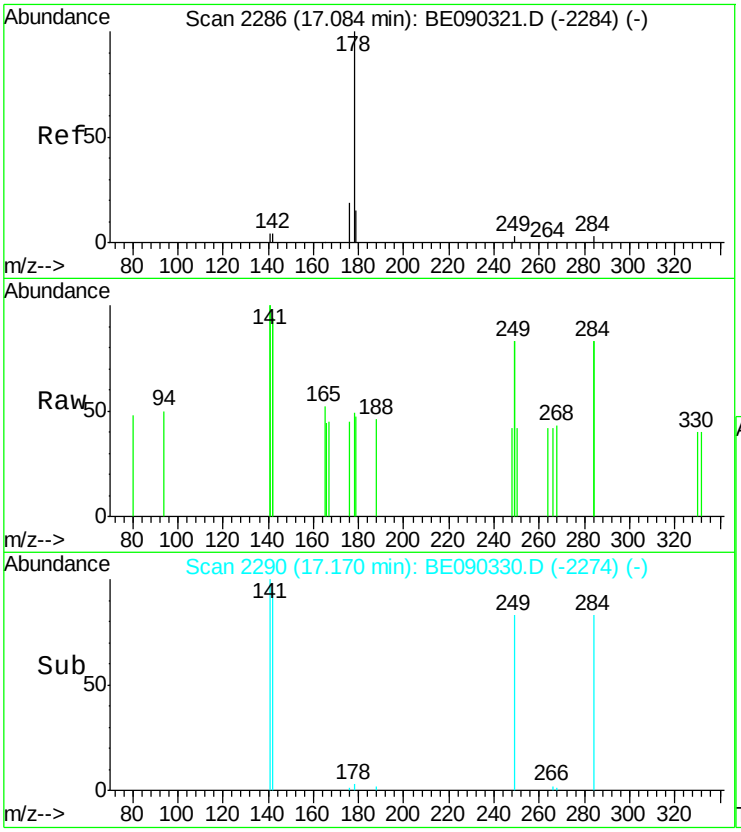


#22
Phenanthrene
Concen: 1.11 ng
RT: 17.00 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Tgt Ion:178 Resp: 38

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.5	23.3#
179	39.5	12.6	18.8#



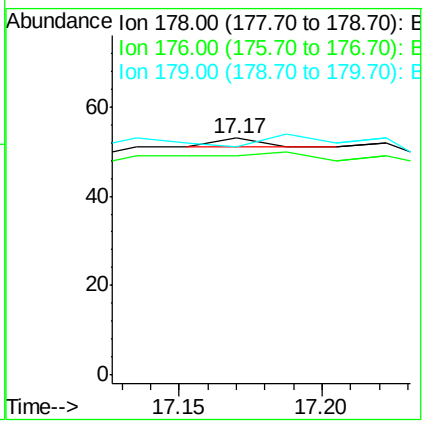


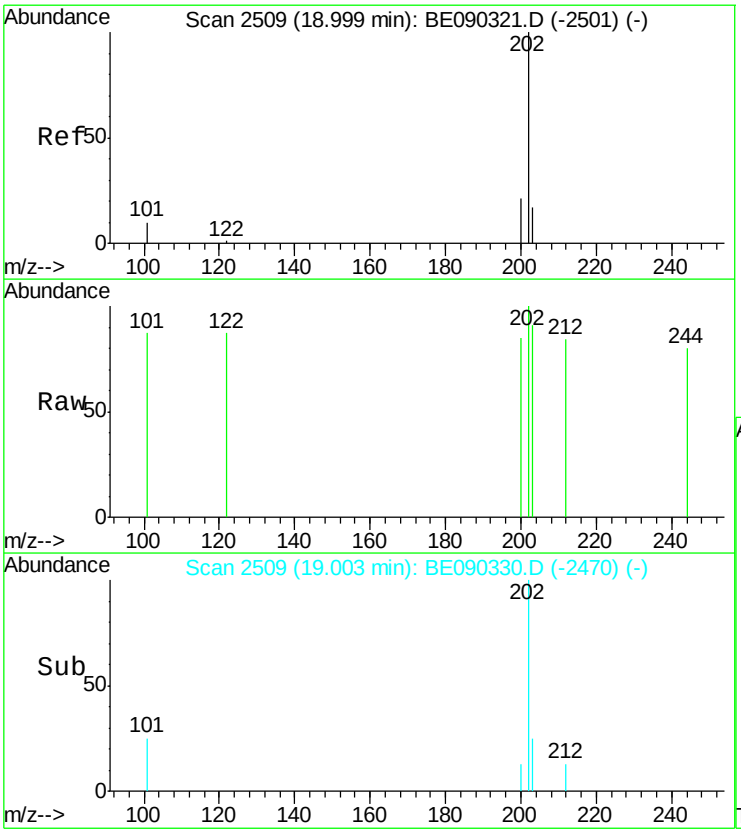
#23
Anthracene
Concen: 0.07 ng
RT: 17.17 min Scan# 2290
Delta R.T. 0.09 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Instrument :
BNA_E
ClientSampleId :
PB84826BL

Tgt Ion:178 Resp: 2

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.1	22.7#
179	400.0	12.1	18.1#

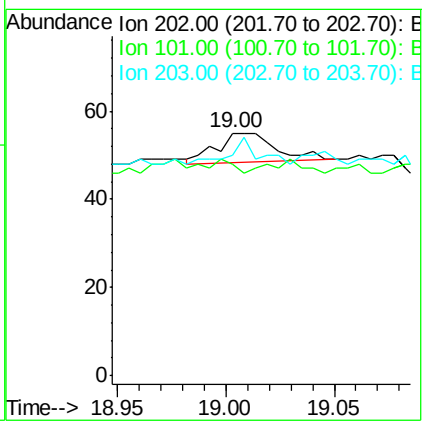


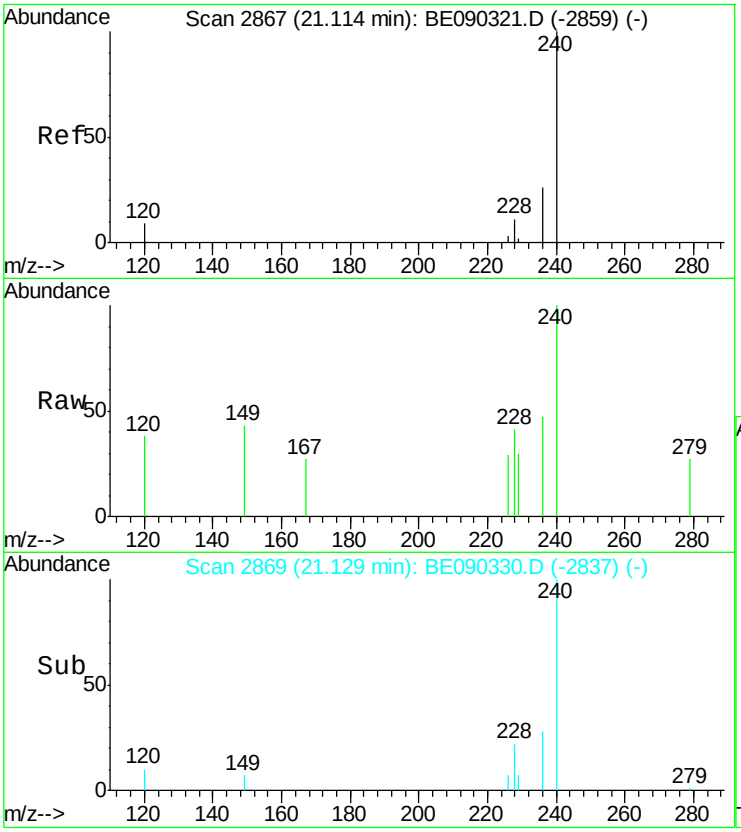


#24
Fluoranthene
Concen: 0.38 ng
RT: 19.00 min Scan# 2509
Delta R.T. 0.00 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Tgt Ion:202 Resp: 13

Ion	Ratio	Lower	Upper
202	100		
101	15.4	8.3	12.5#
203	38.5	13.8	20.8#



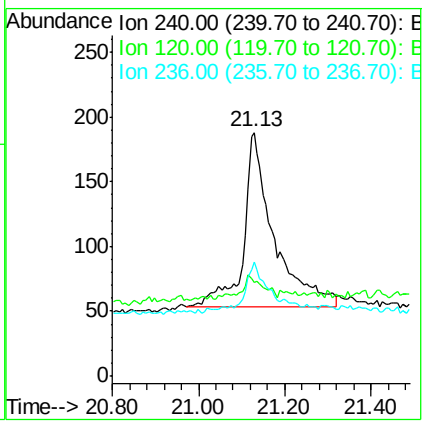


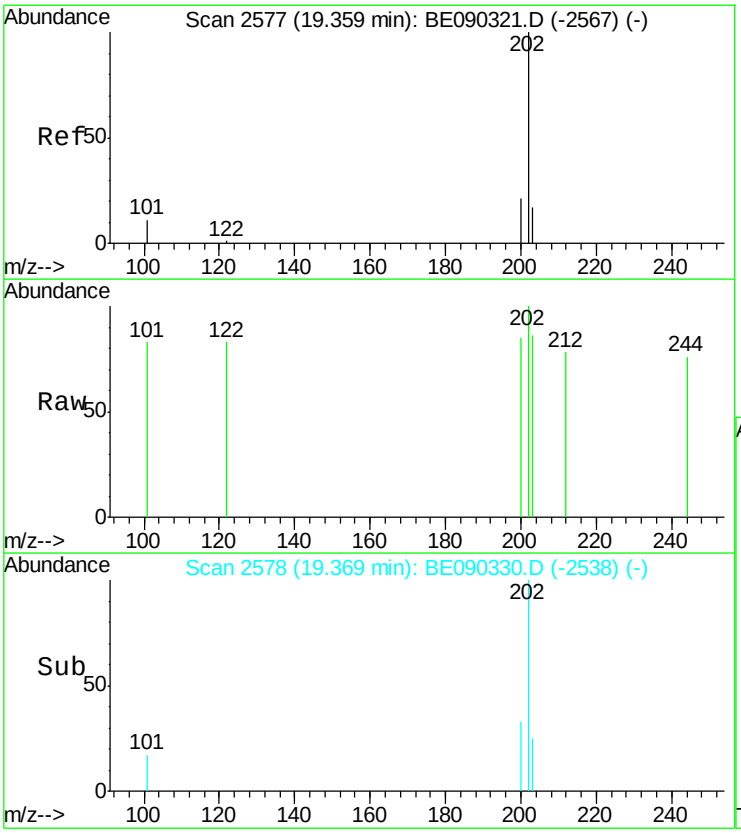
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.13 min Scan# 2869
Delta R.T. 0.01 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Instrument :
BNA_E
ClientSampleId :
PB84826BL

Tgt Ion:240 Resp: 660

Ion	Ratio	Lower	Upper
240	100		
120	38.3	7.5	11.3#
236	46.8	21.0	31.4#

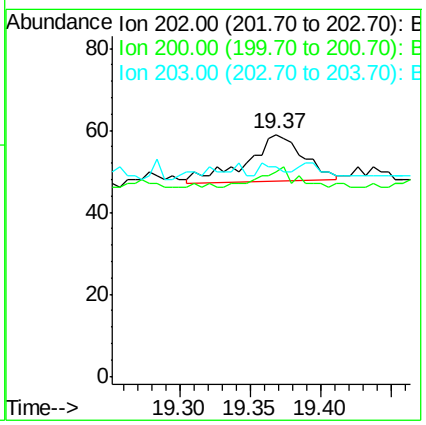


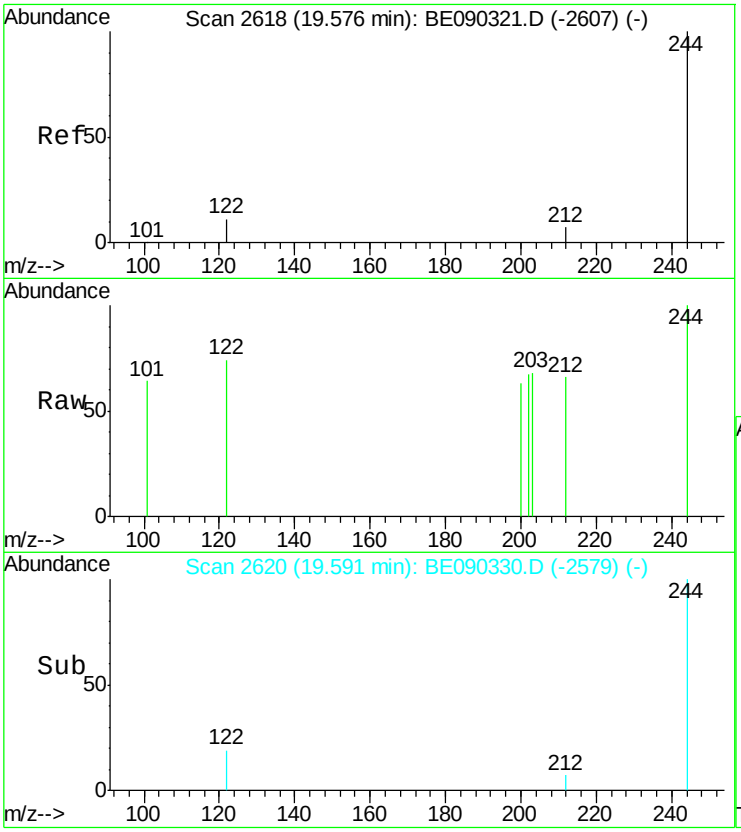


#26
Pyrene
Concen: 0.18 ng
RT: 19.37 min Scan# 2578
Delta R.T. 0.01 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Tgt Ion:202 Resp: 32

Ion	Ratio	Lower	Upper
202	100		
200	28.1	16.6	24.8#
203	9.4	13.8	20.6#



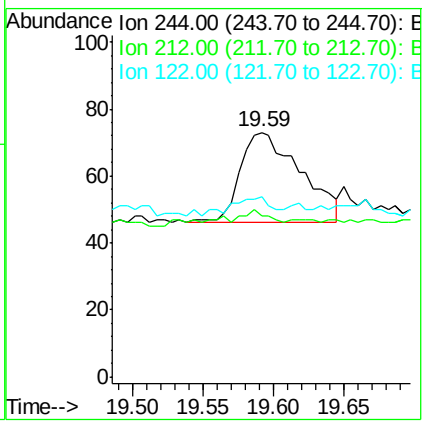


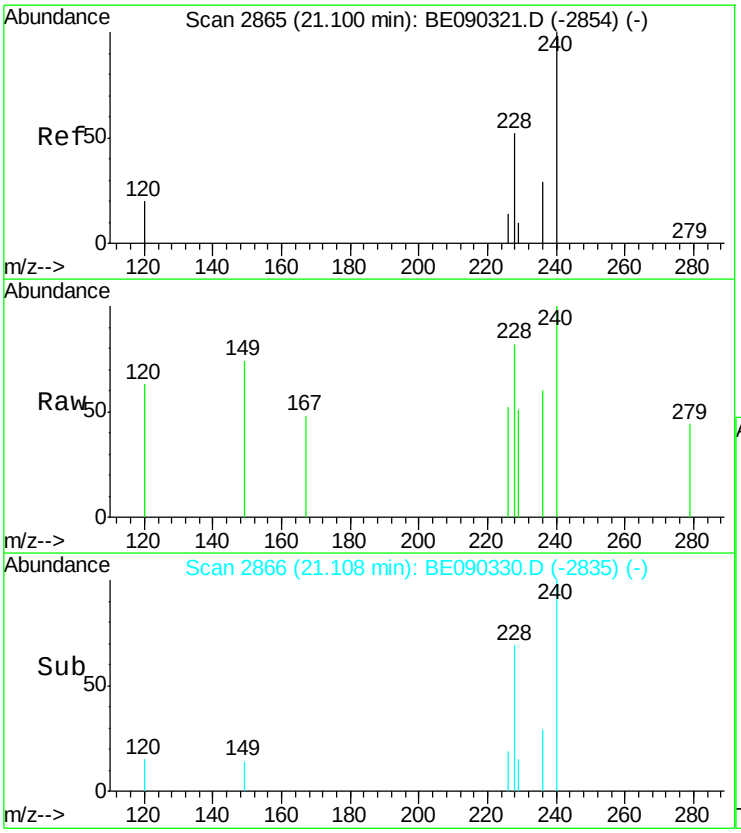
#27
Terphenyl-d14
Concen: 0.66 ng
RT: 19.59 min Scan# 2620
Delta R.T. 0.01 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Instrument :
BNA_E
ClientSampleId :
PB84826BL

Tgt Ion:244 Resp: 81

Ion	Ratio	Lower	Upper
244	100		
212	65.8	7.4	11.2#
122	74.0	10.4	15.6#

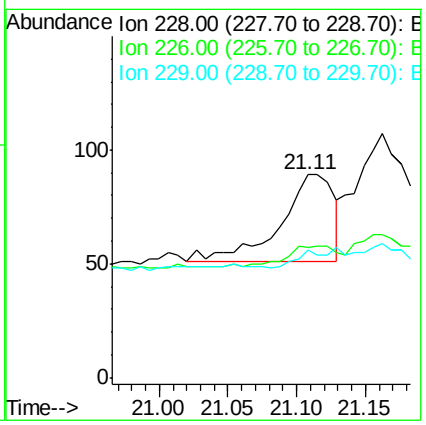


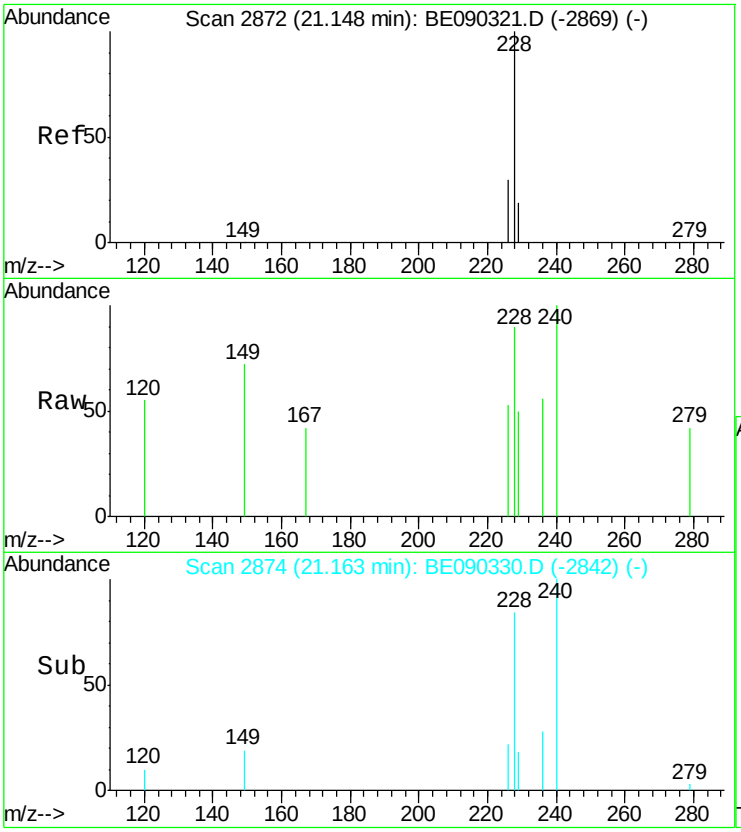


#28
Benzo(a)anthracene
Concen: 0.83 ng
RT: 21.11 min Scan# 2866
Delta R.T. 0.01 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Tgt Ion:228 Resp: 104

Ion	Ratio	Lower	Upper
228	100		
226	64.0	23.0	34.4#
229	62.9	17.4	26.2#



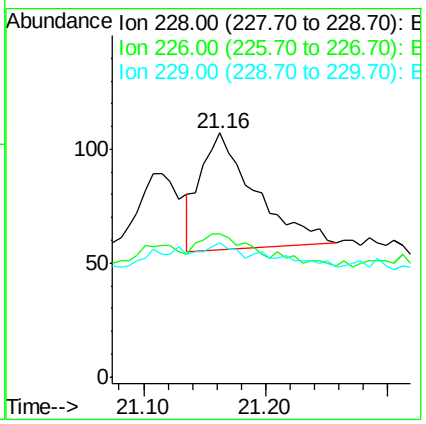


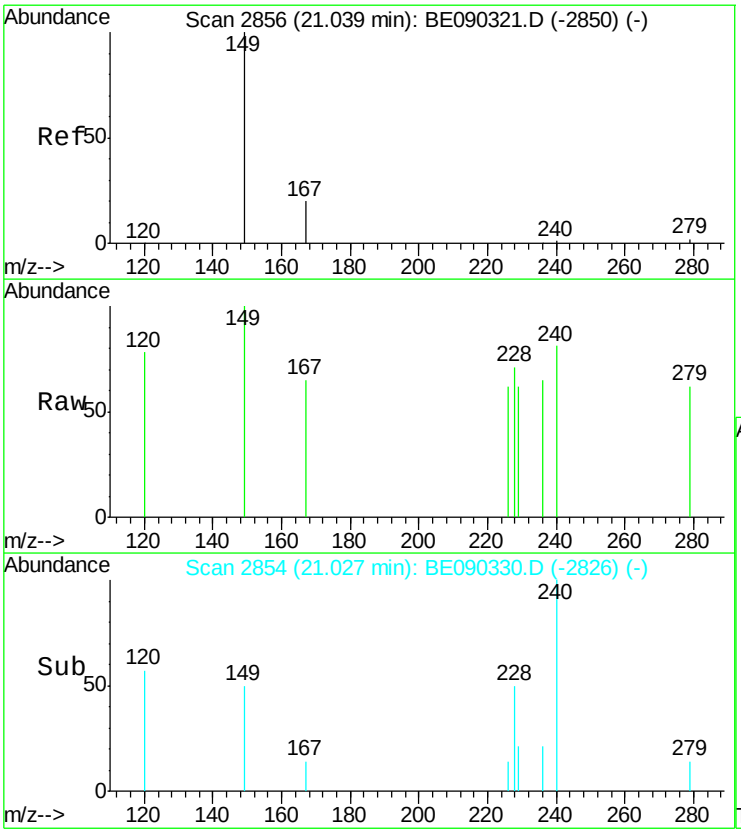
#29
Chrysene
Concen: 1.00 ng
RT: 21.16 min Scan# 2874
Delta R.T. 0.02 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Instrument :
BNA_E
ClientSampleId :
PB84826BL

Tgt Ion:228 Resp: 157

Ion	Ratio	Lower	Upper
228	100		
226	58.9	24.9	37.3#
229	55.1	16.6	25.0#

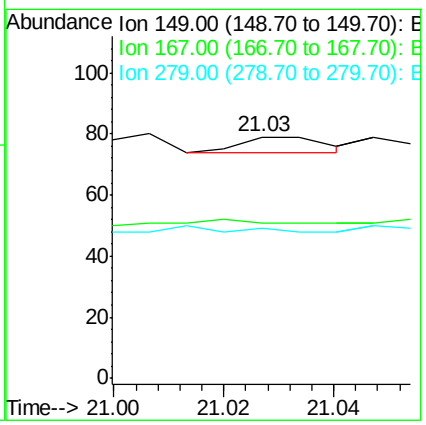


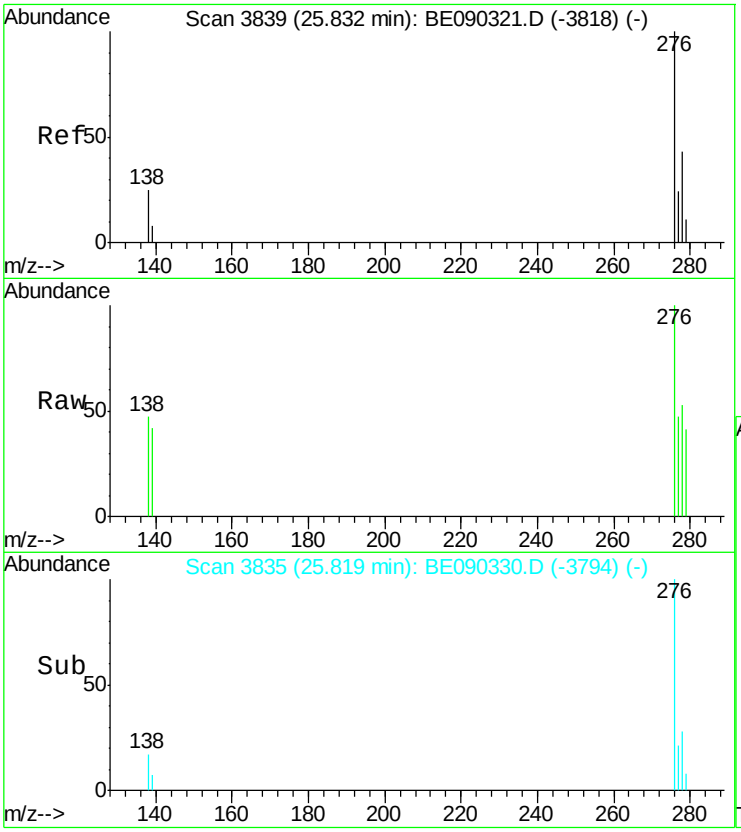


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.26 ng
RT: 21.03 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Tgt Ion:149 Resp: 5

Ion	Ratio	Lower	Upper
149	100		
167	0.0	16.6	24.8#
279	0.0	2.7	4.1#



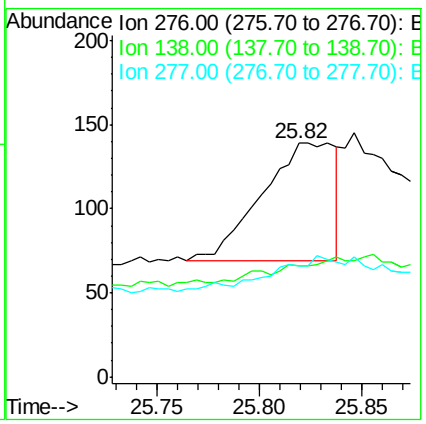


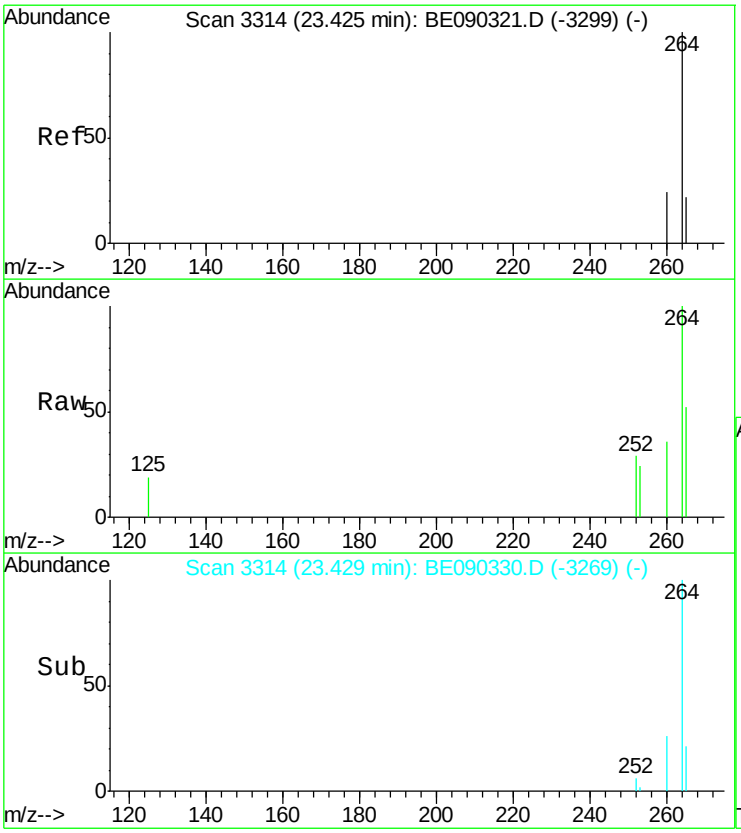
#31
Indeno(1,2,3-cd)pyrene
Concen: 2.31 ng
RT: 25.82 min Scan# 3835
Delta R.T. -0.01 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Instrument :
BNA_E
ClientSampleId :
PB84826BL

Tgt Ion:276 Resp: 176

Ion	Ratio	Lower	Upper
276	100		
138	18.2	10.6	16.0#
277	41.5	14.6	22.0#

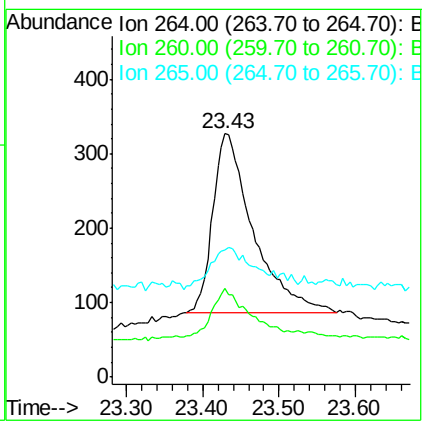


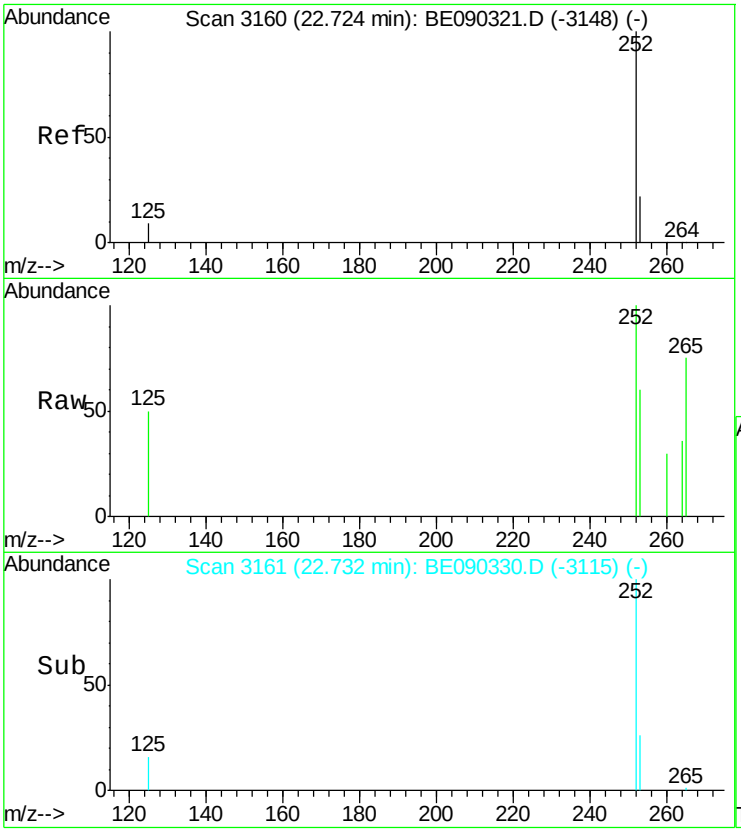


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.43 min Scan# 3314
Delta R.T. 0.00 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Tgt Ion:264 Resp: 893

Ion	Ratio	Lower	Upper
264	100		
260	36.4	20.1	30.1#
265	52.0	18.6	28.0#



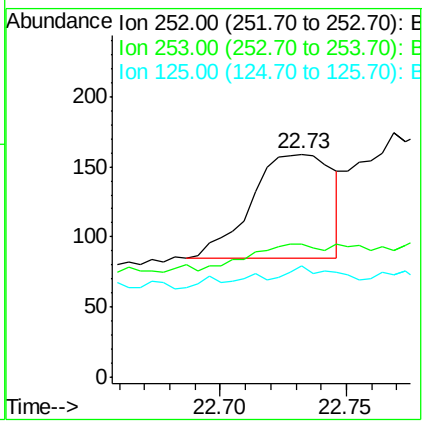


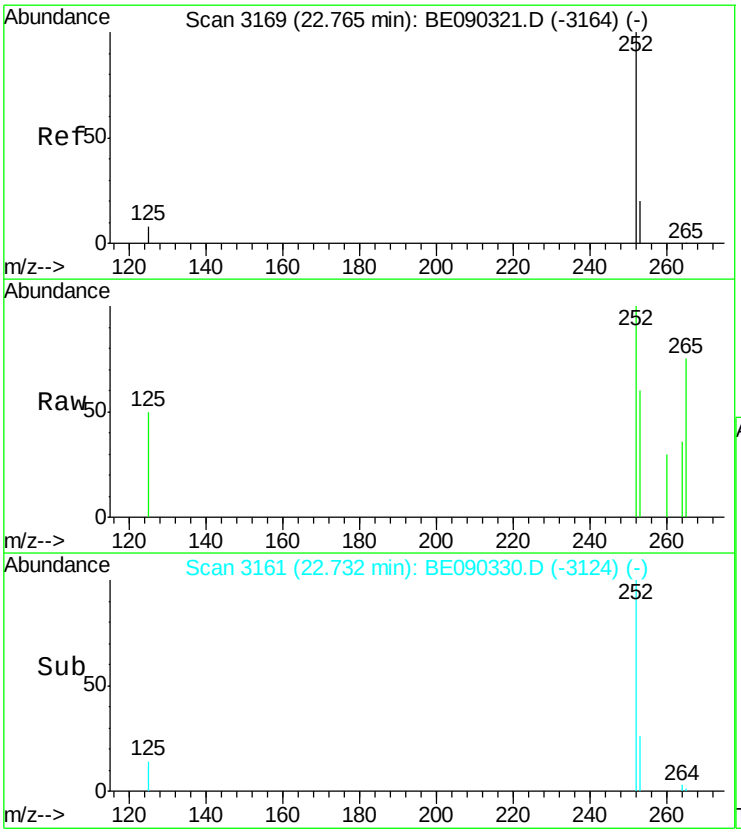
#33
Benzo(b)fluoranthene
Concen: 1.24 ng
RT: 22.73 min Scan# 3161
Delta R.T. 0.01 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Instrument :
BNA_E
ClientSampleId :
PB84826BL

Tgt Ion:252 Resp: 165

Ion	Ratio	Lower	Upper
252	100		
253	59.7	21.5	32.3#
125	49.7	11.8	17.8#

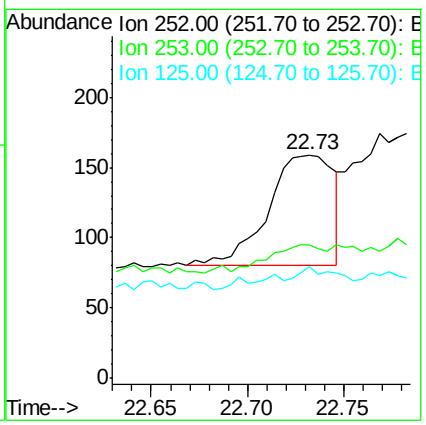


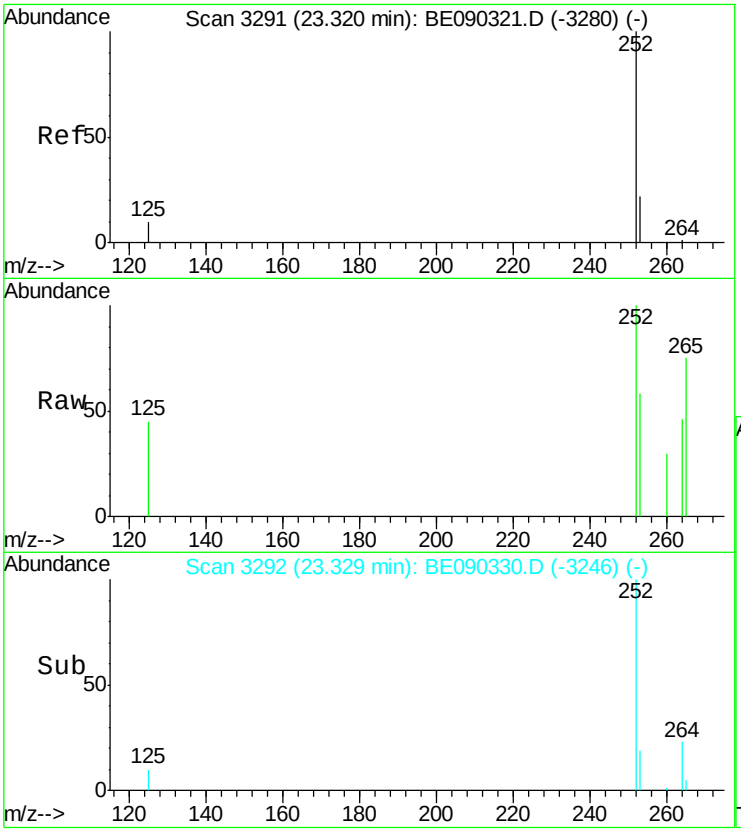


#34
Benzo(k)fluoranthene
Concen: 0.78 ng
RT: 22.73 min Scan# 3161
Delta R.T. -0.03 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Tgt Ion:252 Resp: 188

Ion	Ratio	Lower	Upper
252	100		
253	59.7	19.9	29.9#
125	49.7	11.2	16.8#



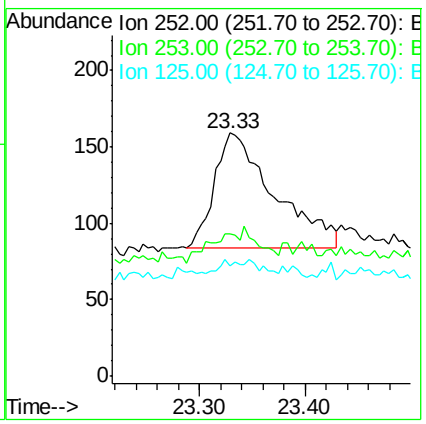


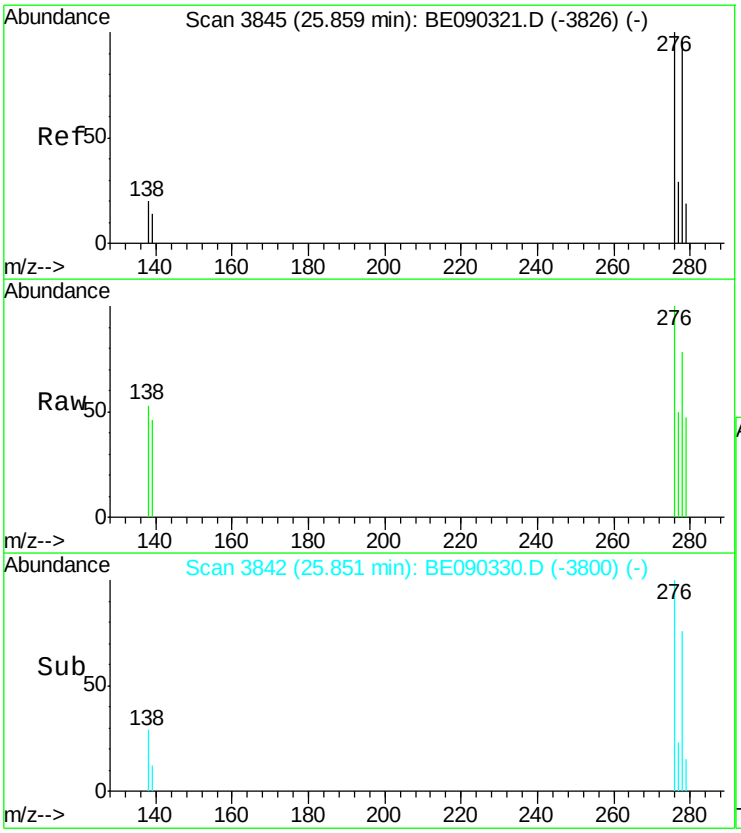
#35
Benzo(a)pyrene
Concen: 2.05 ng
RT: 23.33 min Scan# 3292
Delta R.T. 0.01 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Instrument :
BNA_E
ClientSampleId :
PB84826BL

Tgt Ion:252 Resp: 296

Ion	Ratio	Lower	Upper
252	100		
253	58.5	23.0	34.4#
125	45.3	14.2	21.2#

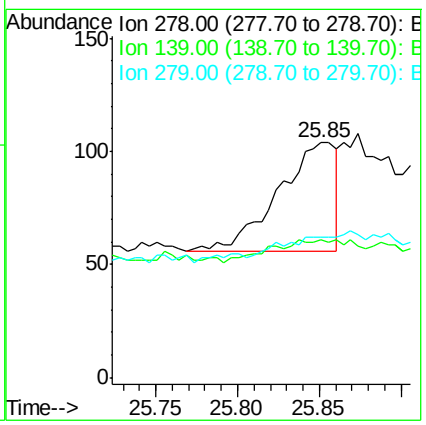


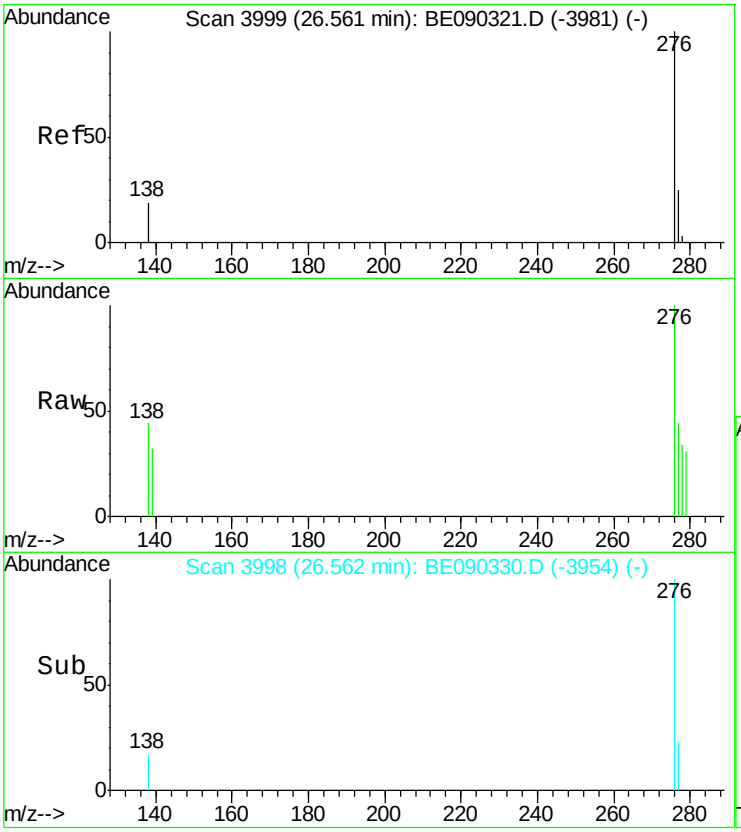


#36
Dibenzo(a,h)anthracene
Concen: 1.52 ng
RT: 25.85 min Scan# 3842
Delta R.T. -0.01 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Tgt Ion:278 Resp: 118

Ion	Ratio	Lower	Upper
278	100		
139	58.7	27.8	41.6#
279	59.6	30.9	46.3#





#37
Benzo(g,h,i)perylene
Concen: 3.21 ng
RT: 26.56 min Scan# 3998
Delta R.T. 0.00 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Instrument :
BNA_E
ClientSampleId :
PB84826BL

Tgt Ion:276 Resp: 517

Ion	Ratio	Lower	Upper
276	100		
277	43.6	25.6	38.4#
138	43.6	22.0	33.0#