Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080715\
Data File : BE090399.D
Acq On : 7 Aug 2015 16:05
Operator : TP/UM
Sample : PB84826BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB84826BS

Quant Time: Aug 07 23:04:29 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	20379	5.00	ng		0.00
6) Naphthalene-d8	10.34	136	94417	5.00	ng		0.00
12) Acenaphthene-d10	14.20	164	54893	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	126144	5.00	ng		0.00
25) Chrysene-d12	21.10	240	164946	5.00	ng		0.00
32) Perylene-d12	23.40	264	136416	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	23372	7.64	ng		0.00
5) Phenol-d6	6.77	99	41241	6.27	ng		0.00
7) Nitrobenzene-d5	8.72	82	28671	3.78	ng		0.00
13) 2,4,6-Tribromophenol	15.69	330	8464	5.81	ng		-0.02
14) 2-Fluorobiphenyl	12.82	172	66853	4.43	ng		0.00
27) Terphenyl-d14	19.56	244	111649	4.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	10695	4.44	ng		97
3) n-Nitrosodimethylamine	3.49	42	13017	4.13	ng	#	93
8) Nitrobenzene	8.76	77	30443	3.76	ng		98
9) Naphthalene	10.39	128	82313	3.95	ng		98
10) Hexachlorobutadiene	10.68	225	13966	4.42	ng		100
11) 2-Methylnaphthalene	12.01	142	52651	4.35	ng		97
15) Acenaphthylene	13.91	152	374027	4.21	ng		100
16) Acenaphthene	14.26	154	56763	4.11	ng		93
17) Fluorene	15.26	166	78046	4.35	ng		98
19) 4-Bromophenyl-phenylether	16.14	248	20832	4.25	ng		92
20) Hexachlorobenzene	16.27	284	98541	3.89	ng		98
21) Pentachlorophenol	16.60	266	12673	6.91	ng		90
22) Phenanthrene	16.98	178	134637	4.26	ng		100
23) Anthracene	17.07	178	126785	4.89	ng		100
24) Fluoranthene	18.98	202	149307	4.81	ng		100
26) Pyrene	19.34	202	165403	4.63	ng		99
28) Benzo(a)anthracene	21.08	228	161976	4.43	ng		100
29) Chrysene	21.13	228	178299	4.04	ng		99
30) Bis(2-ethylhexyl)phthalate	21.03	149	40056	3.46	ng		99
31) Indeno(1,2,3-cd)pyrene	25.79	276	134847	3.46	ng		95
33) Benzo(b)fluoranthene	22.70	252	131760	4.30	ng		98
34) Benzo(k)fluoranthene	22.74	252	161231	4.24	ng		99
35) Benzo(a)pyrene	23.30	252	120190	4.16	ng		100
36) Dibenzo(a,h)anthracene	25.80	278	107203	3.82	ng		98
37) Benzo(g,h,i)perylene	26.51	276	117948	4.68	ng		98

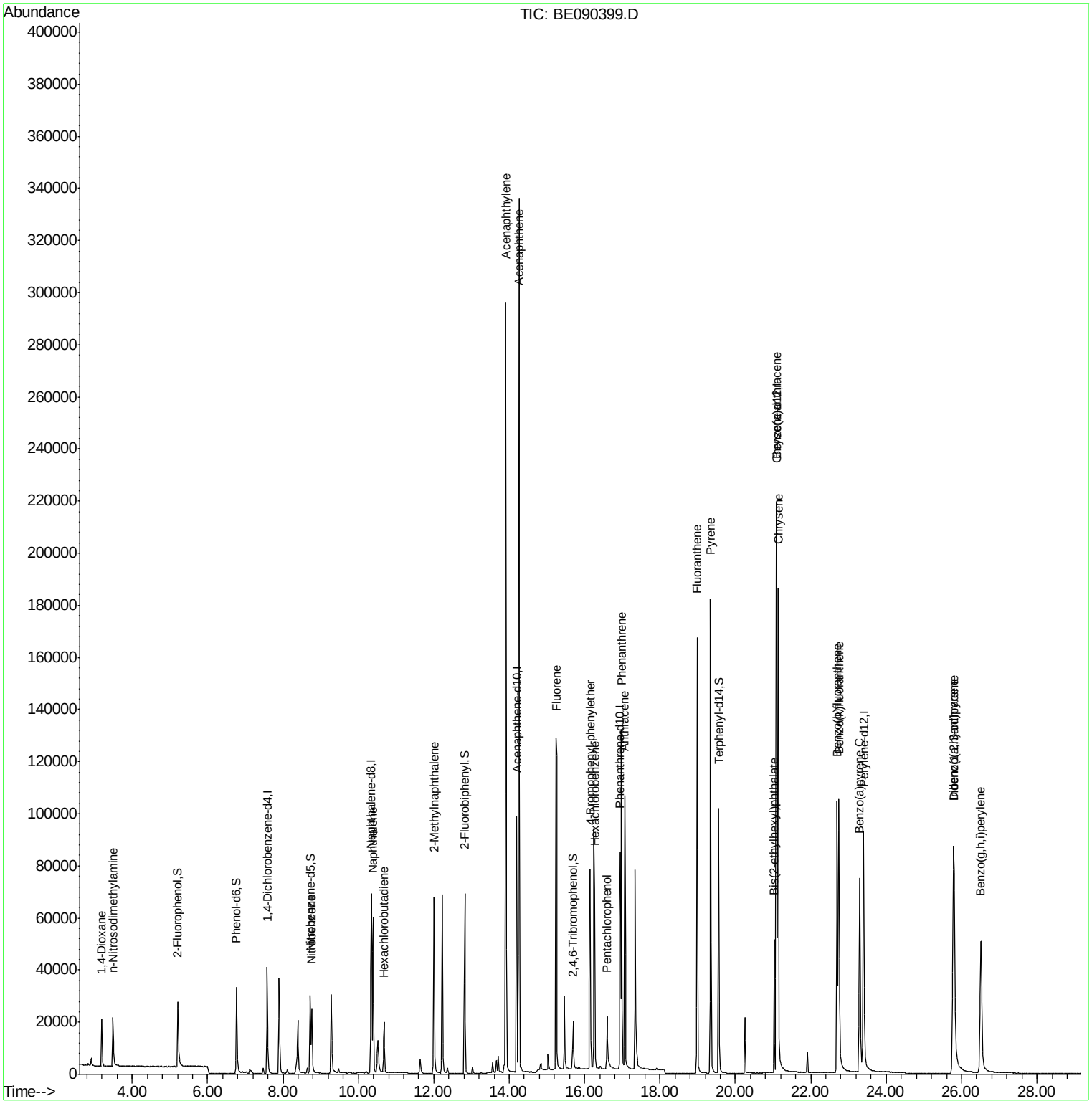
(#) = qualifier out of range (m) = manual integration (+) = signals summed

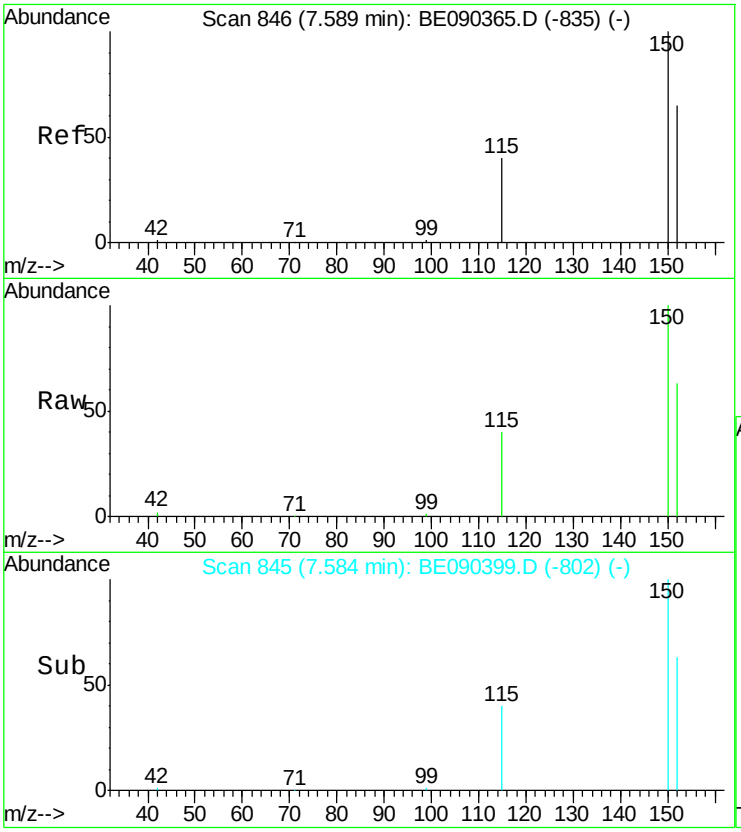
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080715\
Data File : BE090399.D
Acq On : 7 Aug 2015 16:05
Operator : TP/UM
Sample : PB84826BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB84826BS

Quant Time: Aug 07 23:04:29 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



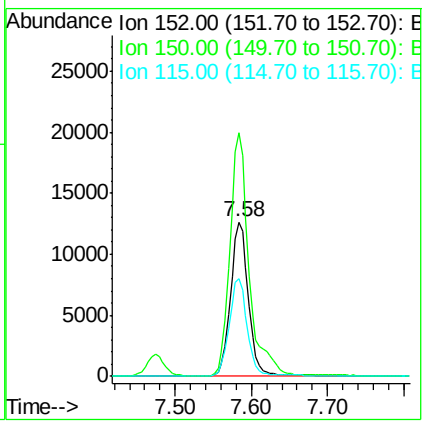


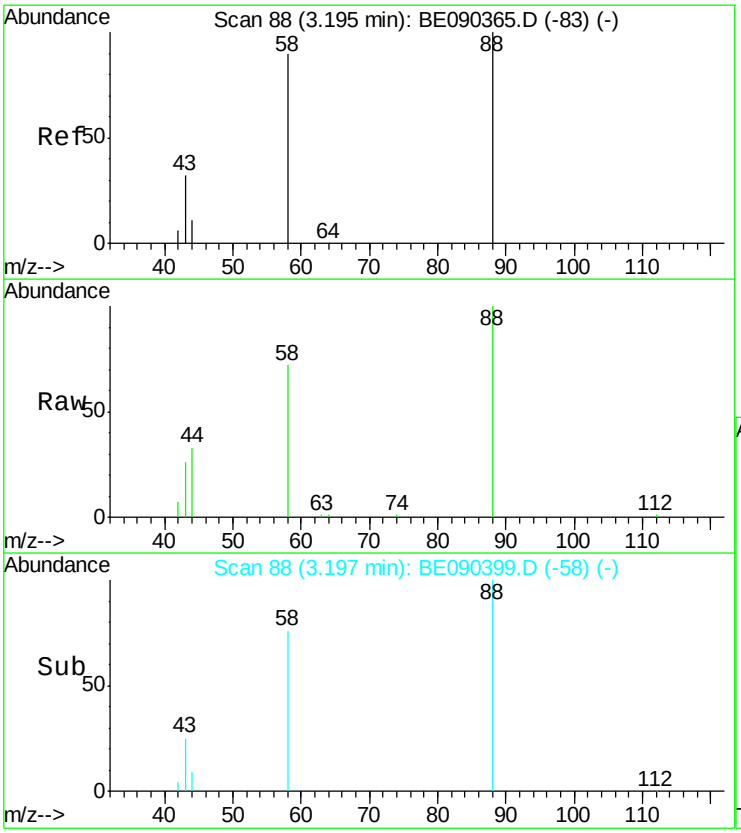
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :
PB84826BS

Tgt Ion:152 Resp: 20379

Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.0	184.4
115	63.2	48.9	73.3

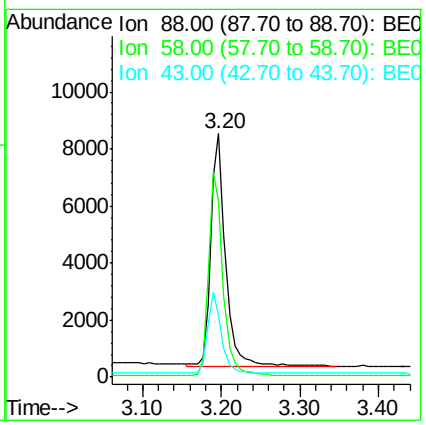


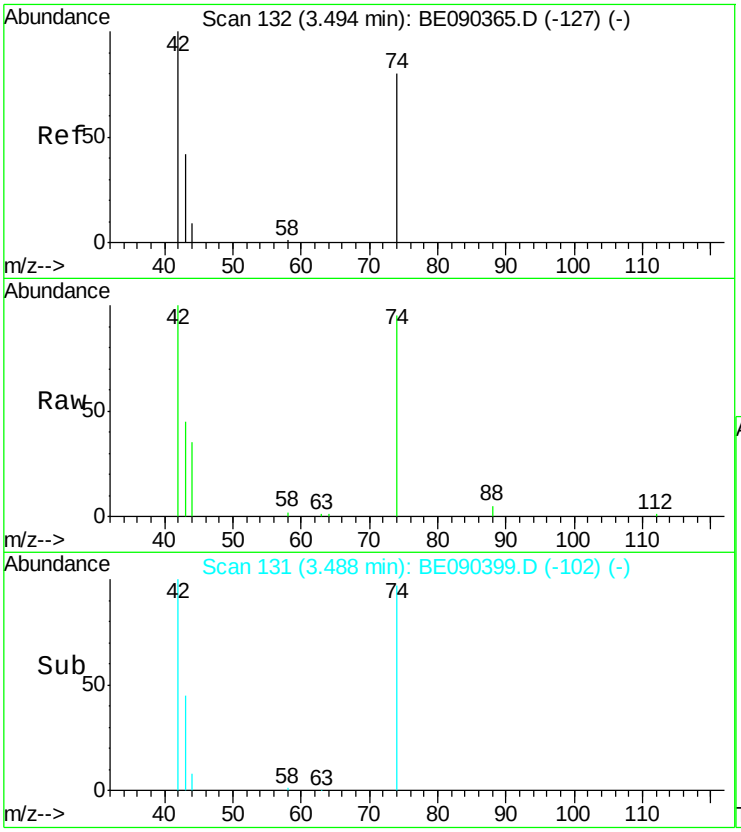


#2
1,4-Dioxane
Concen: 4.44 ng
RT: 3.20 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Tgt Ion: 88 Resp: 10695

Ion	Ratio	Lower	Upper
88	100		
58	85.3	70.0	105.0
43	32.5	28.4	42.6



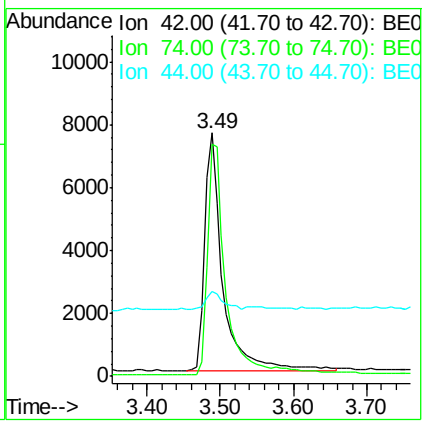


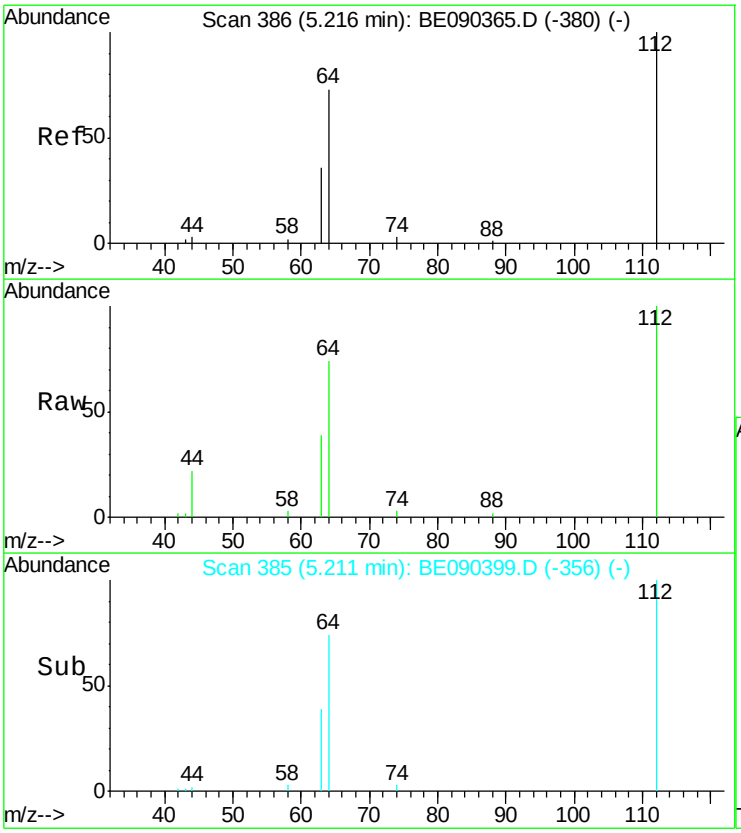
#3
n-Nitrosodimethylamine
Concen: 4.13 ng
RT: 3.49 min Scan# 131
Delta R.T. -0.01 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :
PB84826BS

Tgt Ion: 42 Resp: 13017

Ion	Ratio	Lower	Upper
42	100		
74	100.0	75.2	112.8
44	7.4	8.7	13.1#

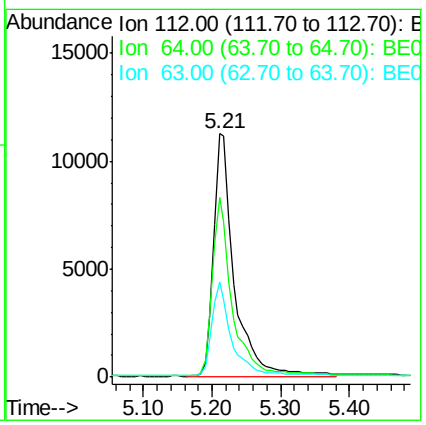


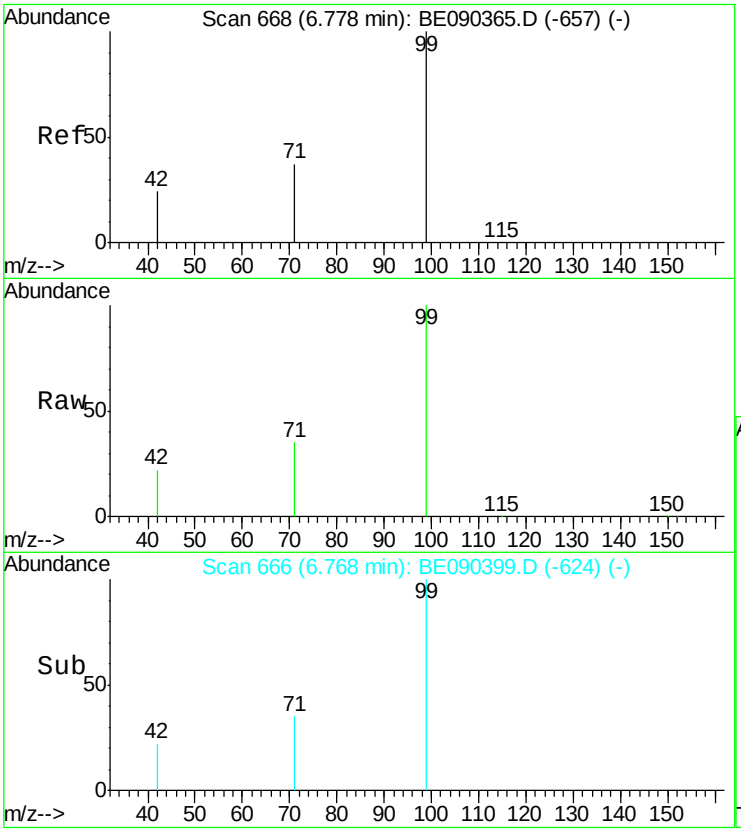


#4
2-Fluorophenol
Concen: 7.64 ng
RT: 5.21 min Scan# 385
Delta R.T. -0.01 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Tgt Ion:112 Resp: 23372

Ion	Ratio	Lower	Upper
112	100		
64	70.9	37.1	55.7#
63	37.1	19.5	29.3#



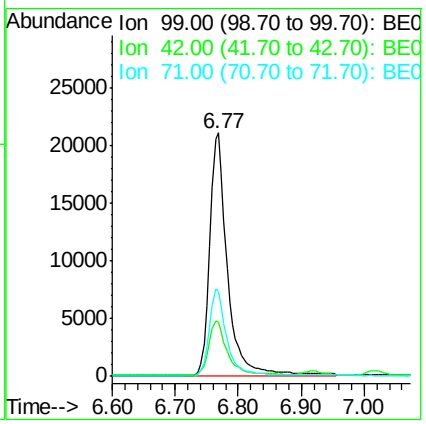


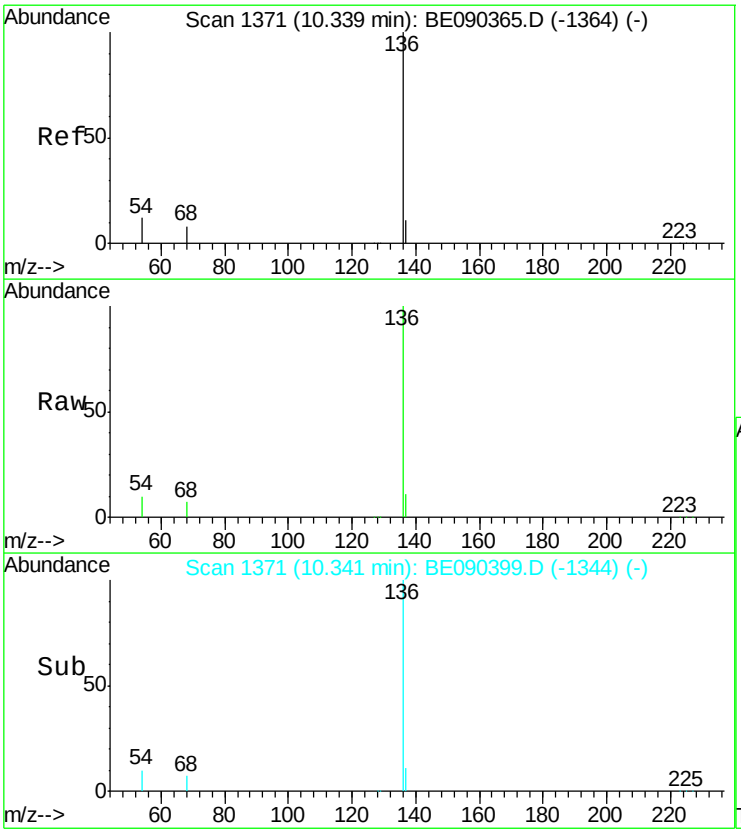
#5
Phenol-d6
Concen: 6.27 ng
RT: 6.77 min Scan# 666
Delta R.T. -0.01 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :
PB84826BS

Tgt Ion: 99 Resp: 41241

Ion	Ratio	Lower	Upper
99	100		
42	23.1	18.2	27.4
71	35.3	27.4	41.0

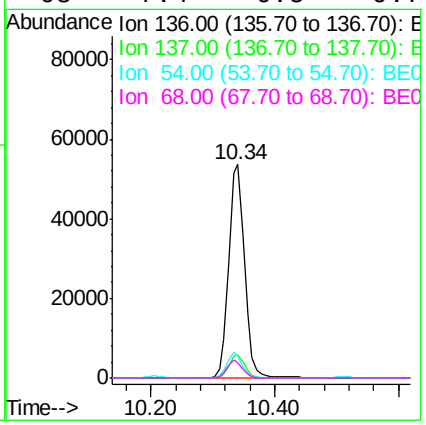


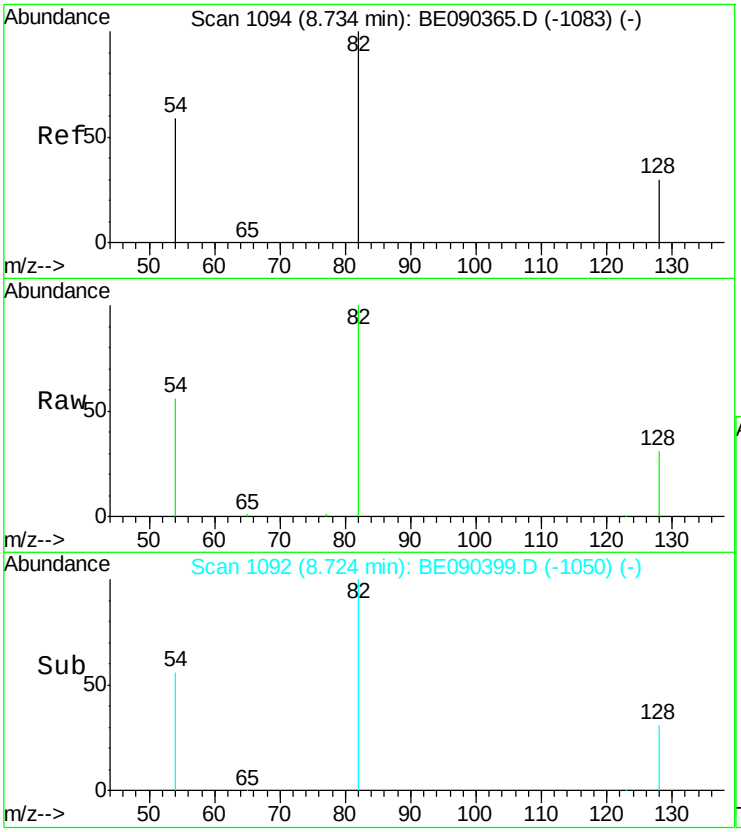


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Tgt Ion:136 Resp: 94417

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.2	9.4	14.0
68	7.4	6.5	9.7



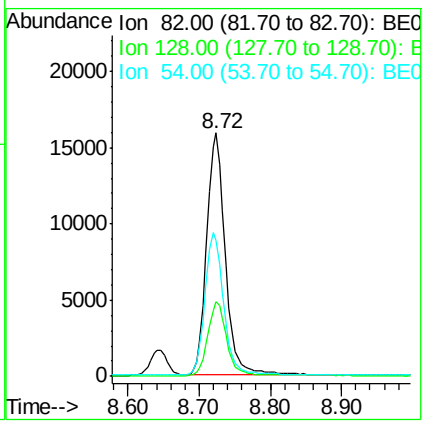


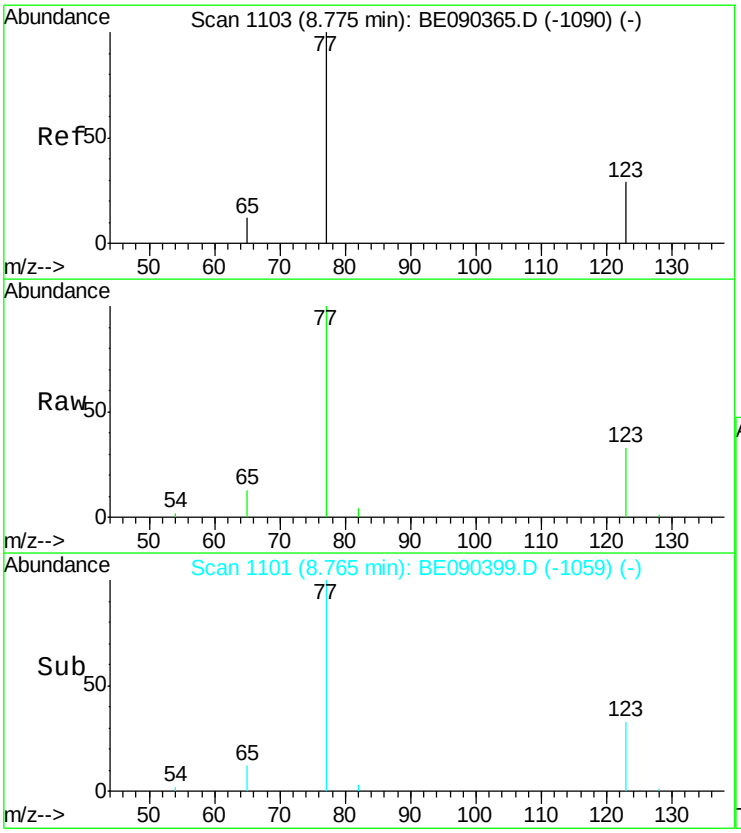
#7
Nitrobenzene-d5
Concen: 3.78 ng
RT: 8.72 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :
PB84826BS

Tgt Ion: 82 Resp: 28671

Ion	Ratio	Lower	Upper
82	100		
128	30.9	25.0	37.6
54	56.1	48.8	73.2

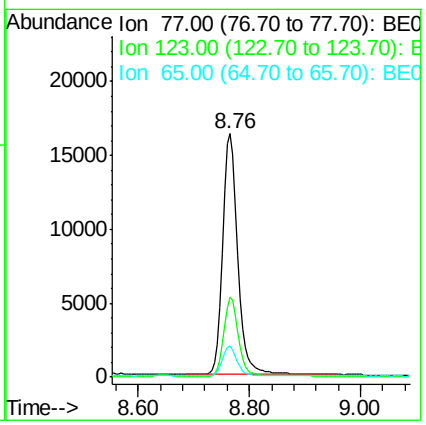


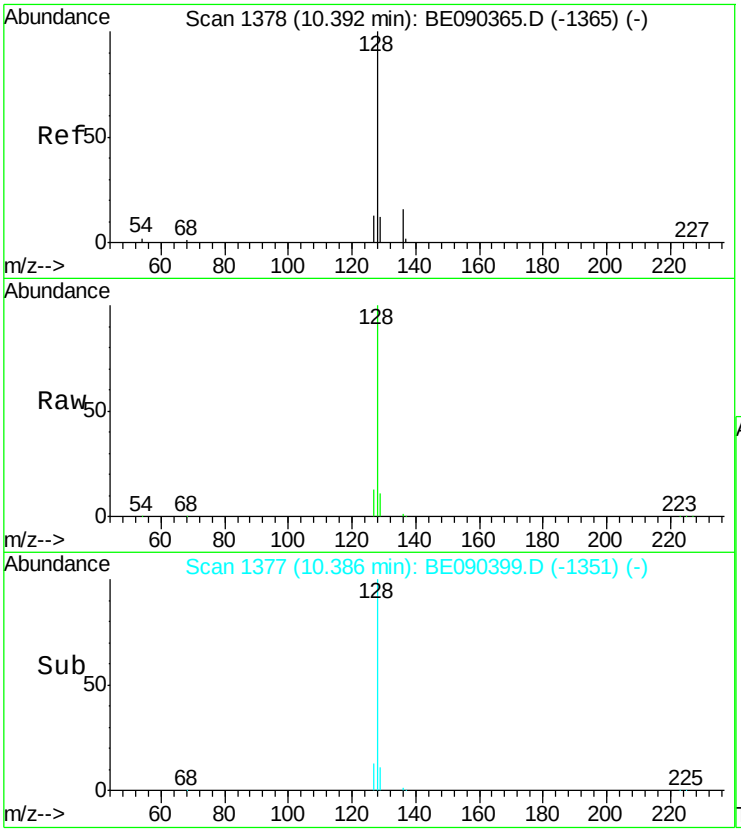


#8
Nitrobenzene
Concen: 3.76 ng
RT: 8.76 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Tgt Ion: 77 Resp: 30443

Ion	Ratio	Lower	Upper
77	100		
123	32.3	25.1	37.7
65	12.4	9.3	13.9



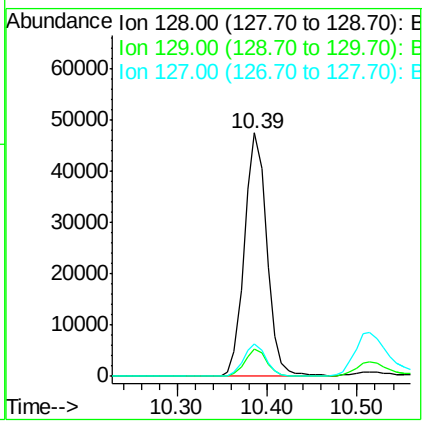


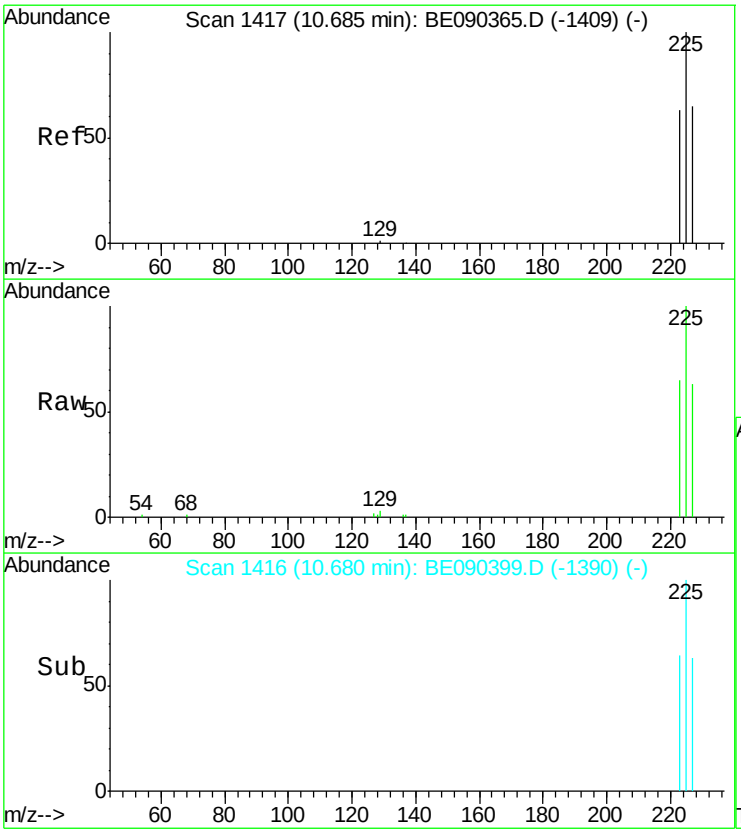
#9
Naphthalene
Concen: 3.95 ng
RT: 10.39 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :
PB84826BS

Tgt Ion:128 Resp: 82313

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.8	14.6
127	13.2	10.6	16.0

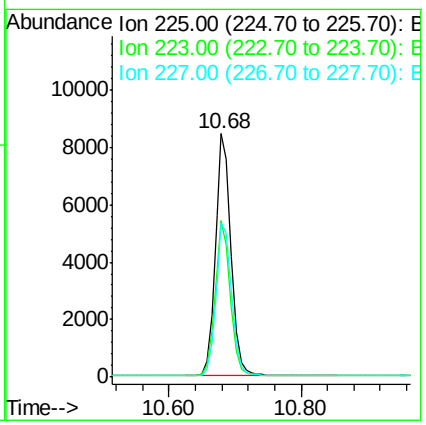


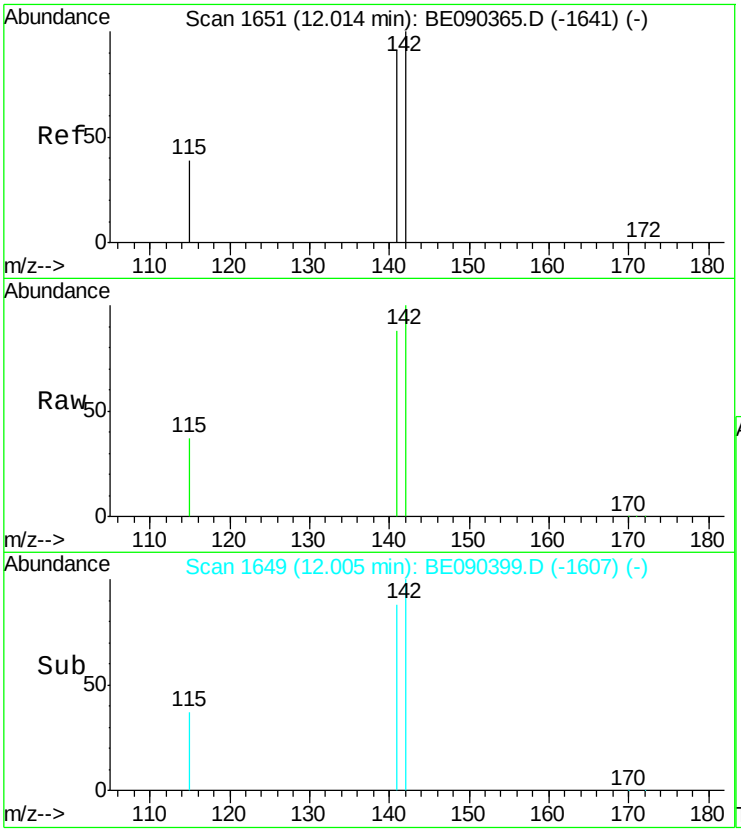


#10
Hexachlorobutadiene
Concen: 4.42 ng
RT: 10.68 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Tgt Ion:225 Resp: 13966

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	75.8
227	63.9	50.7	76.1



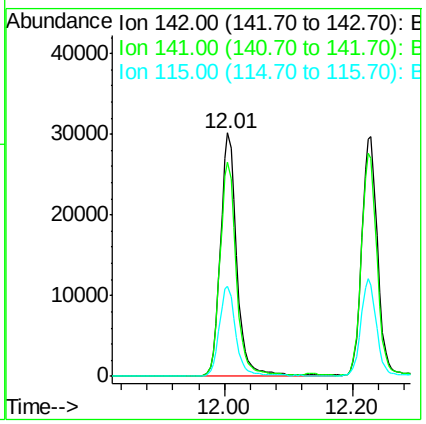


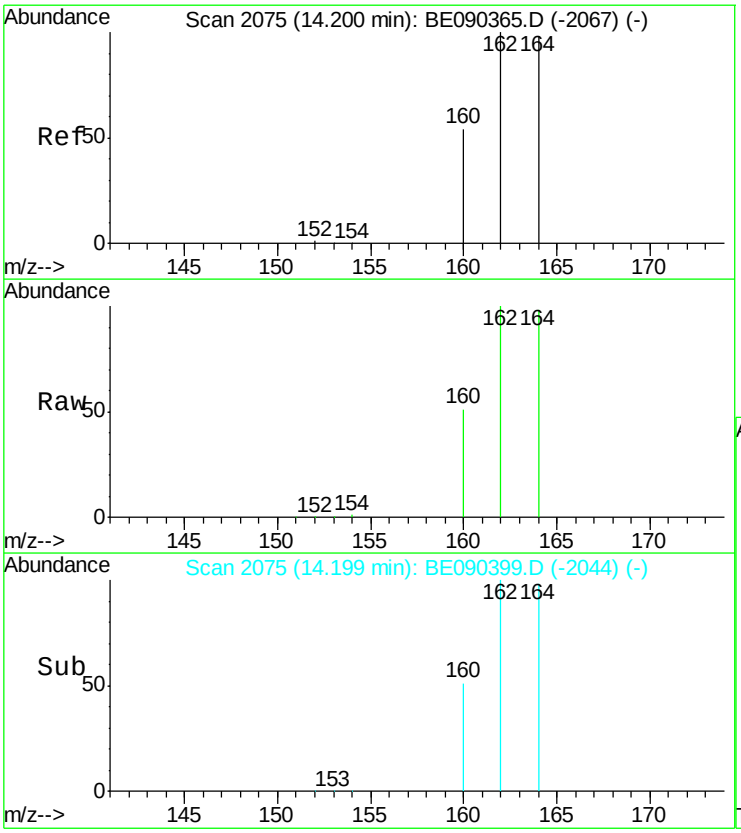
#11
2-Methylnaphthalene
Concen: 4.35 ng
RT: 12.01 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :
PB84826BS

Tgt Ion:142 Resp: 52651

Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.6	109.0
115	37.1	31.6	47.4

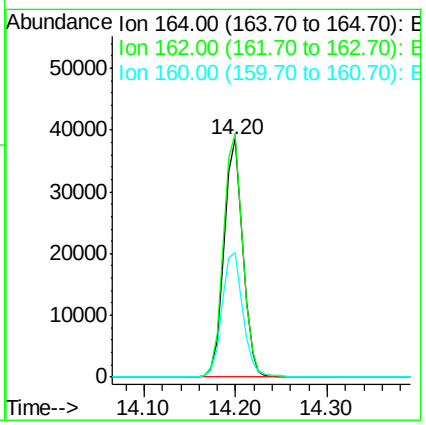


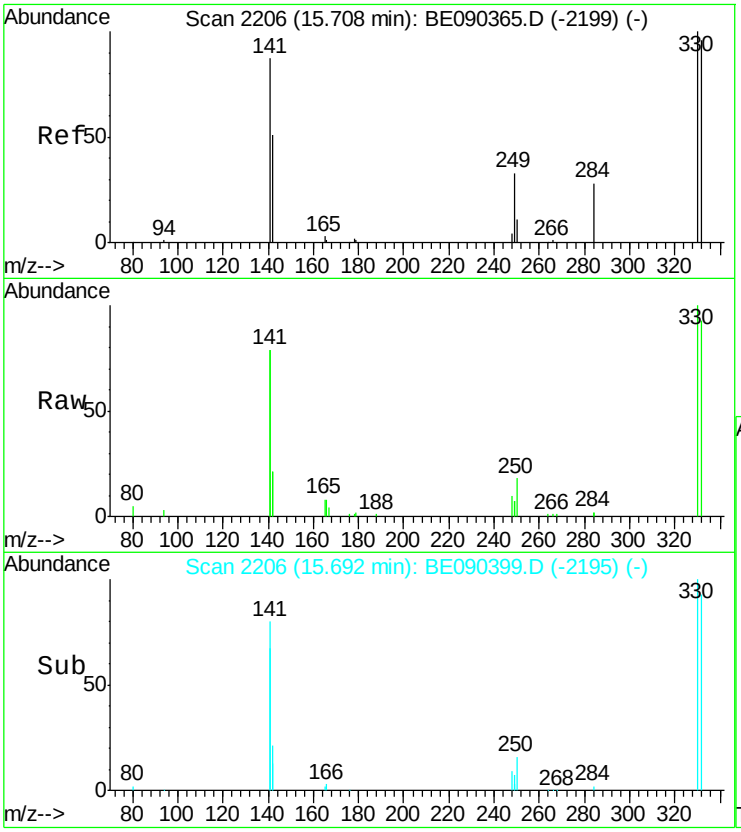


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Tgt Ion:164 Resp: 54893

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.8	122.8
160	52.2	44.2	66.4



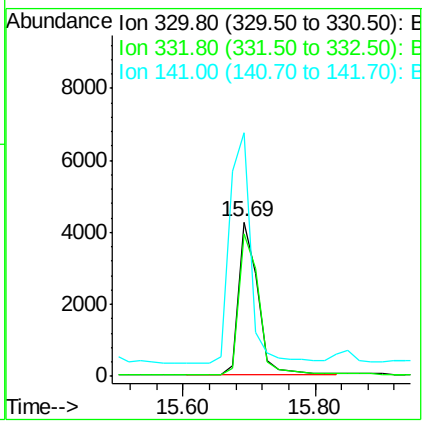


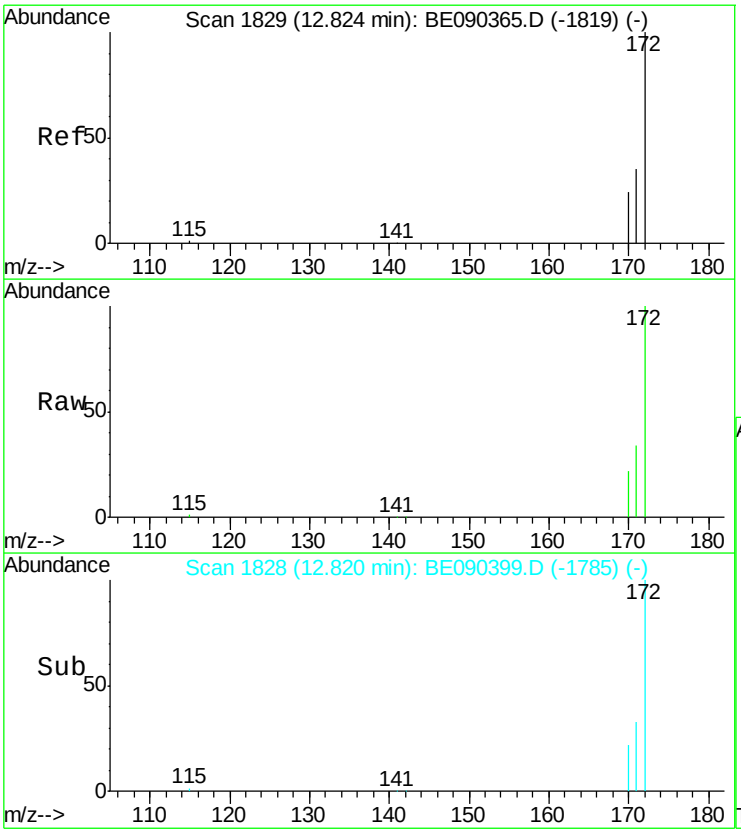
#13
2,4,6-Tribromophenol
Concen: 5.81 ng
RT: 15.69 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :
PB84826BS

Tgt Ion:330 Resp: 8464

Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.8	113.6
141	167.8	114.4	171.6

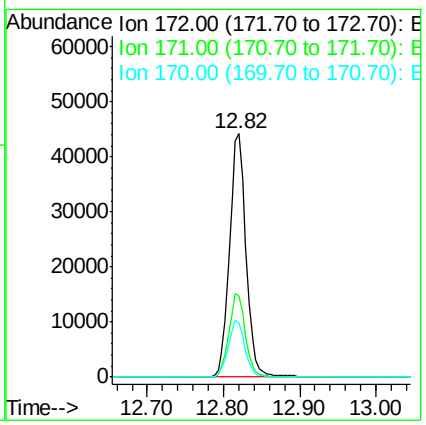


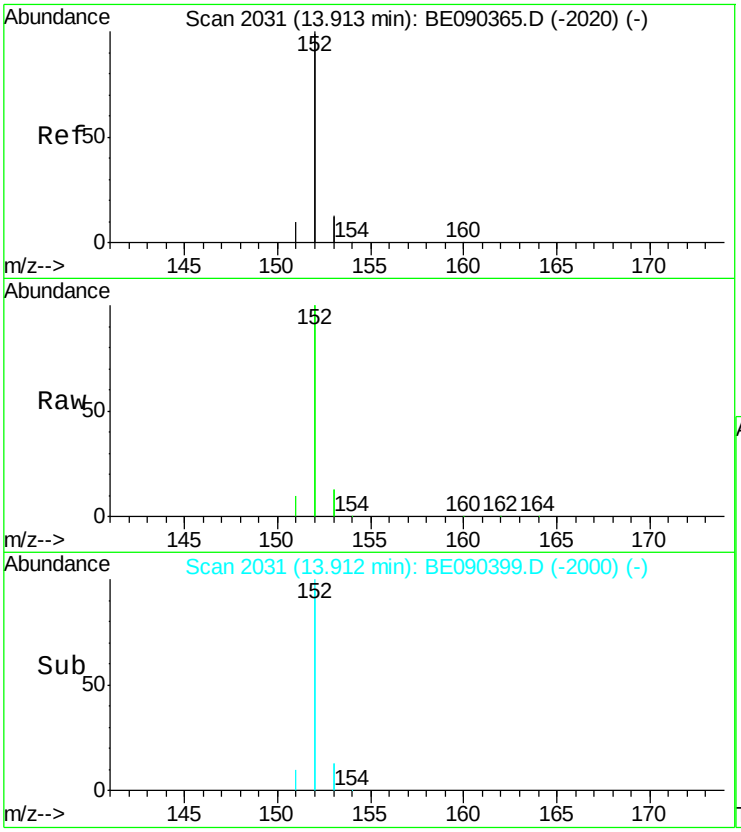


#14
2-Fluorobiphenyl
Concen: 4.43 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Tgt Ion:172 Resp: 66853

Ion	Ratio	Lower	Upper
172	100		
171	33.5	28.5	42.7
170	22.4	19.8	29.8



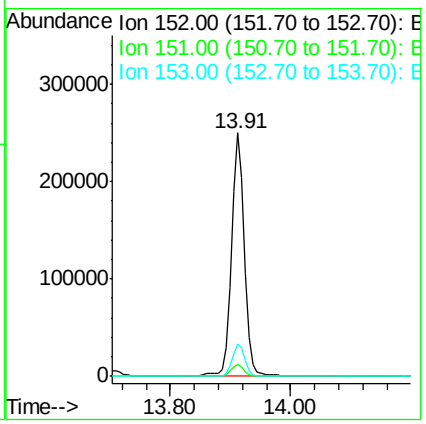


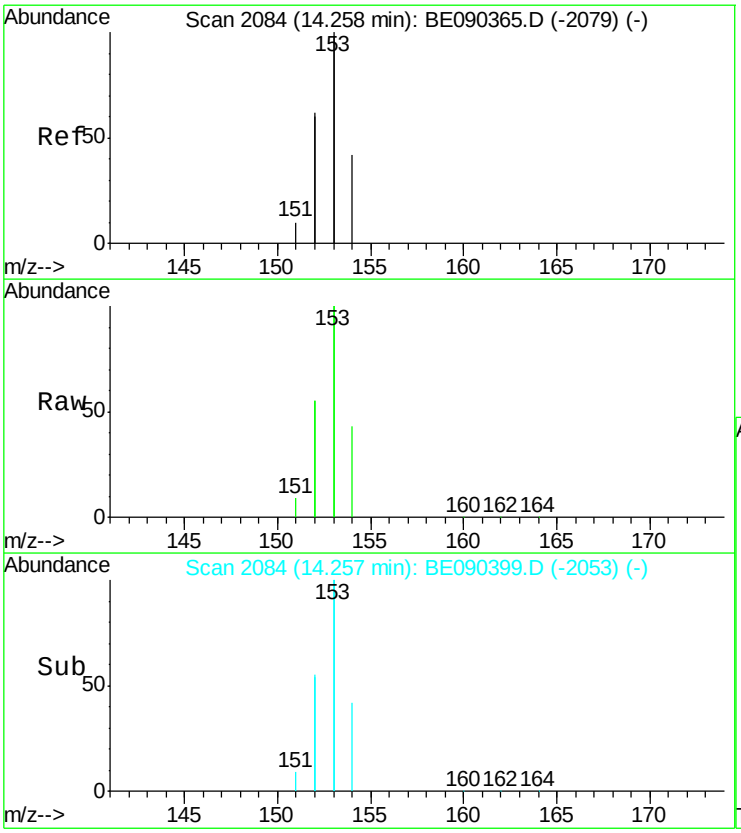
#15
Acenaphthylene
Concen: 4.21 ng
RT: 13.91 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :
PB84826BS

Tgt Ion:152 Resp: 374027

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

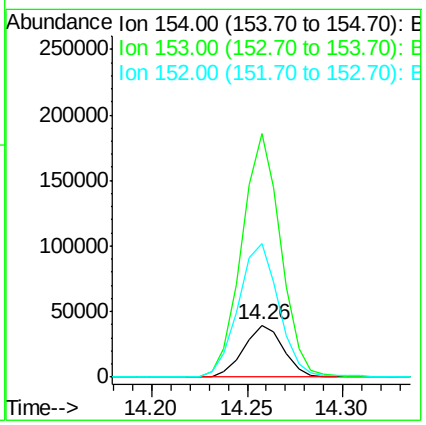


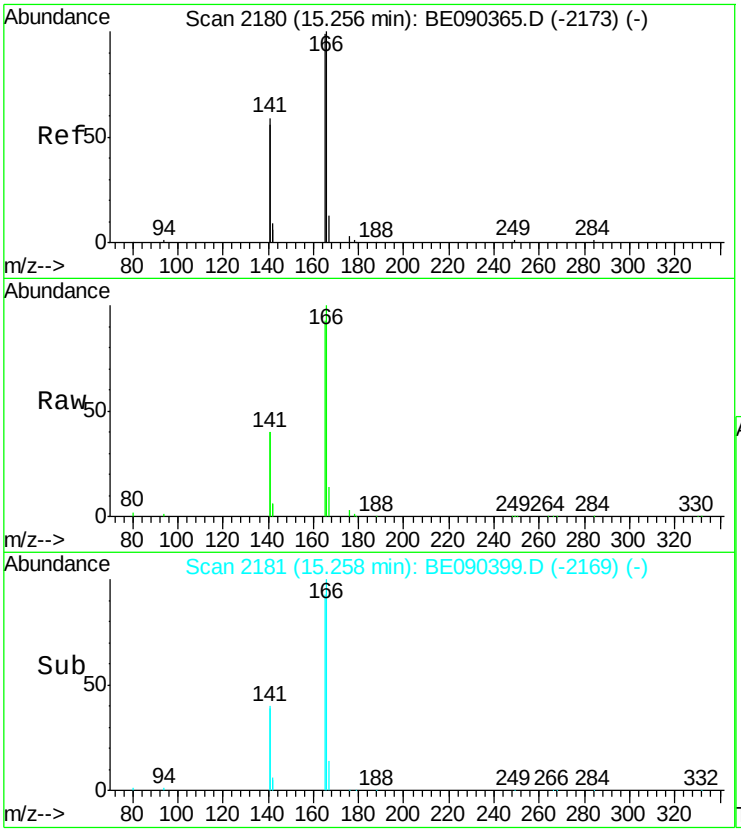


#16
Acenaphthene
Concen: 4.11 ng
RT: 14.26 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Tgt Ion:154 Resp: 56763

Ion	Ratio	Lower	Upper
154	100		
153	463.8	376.2	564.2
152	264.3	235.0	352.4



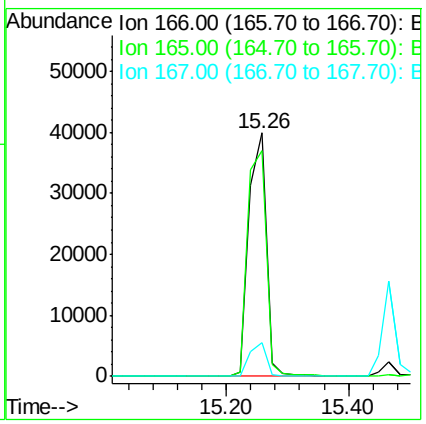


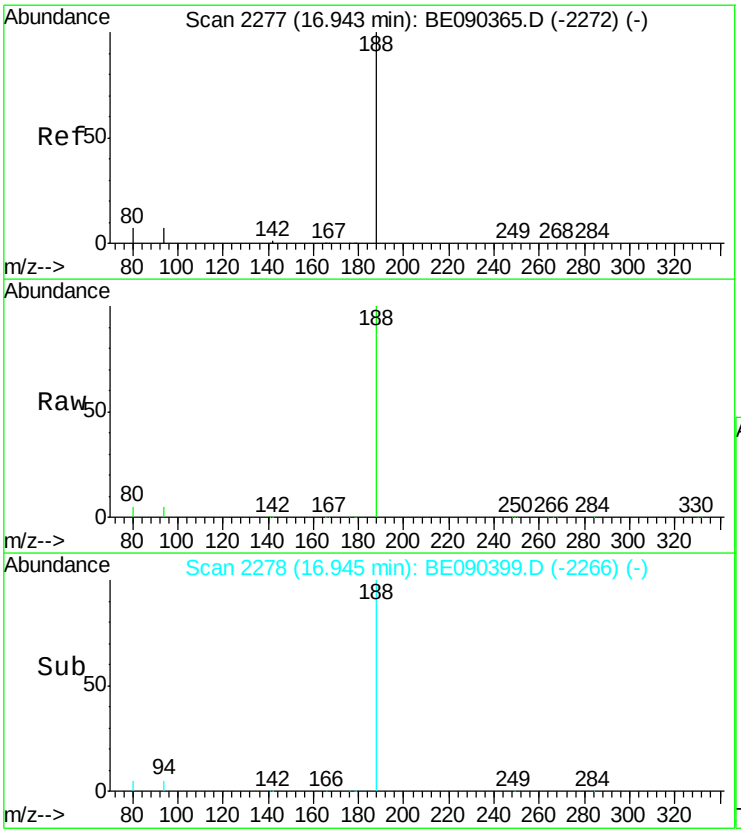
#17
Fluorene
Concen: 4.35 ng
RT: 15.26 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :
PB84826BS

Tgt Ion:166 Resp: 78046

Ion	Ratio	Lower	Upper
166	100		
165	99.6	81.5	122.3
167	13.5	11.4	17.0

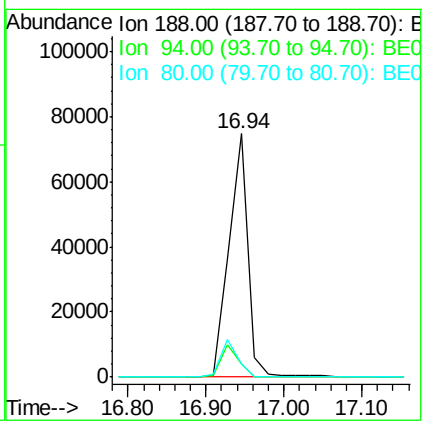


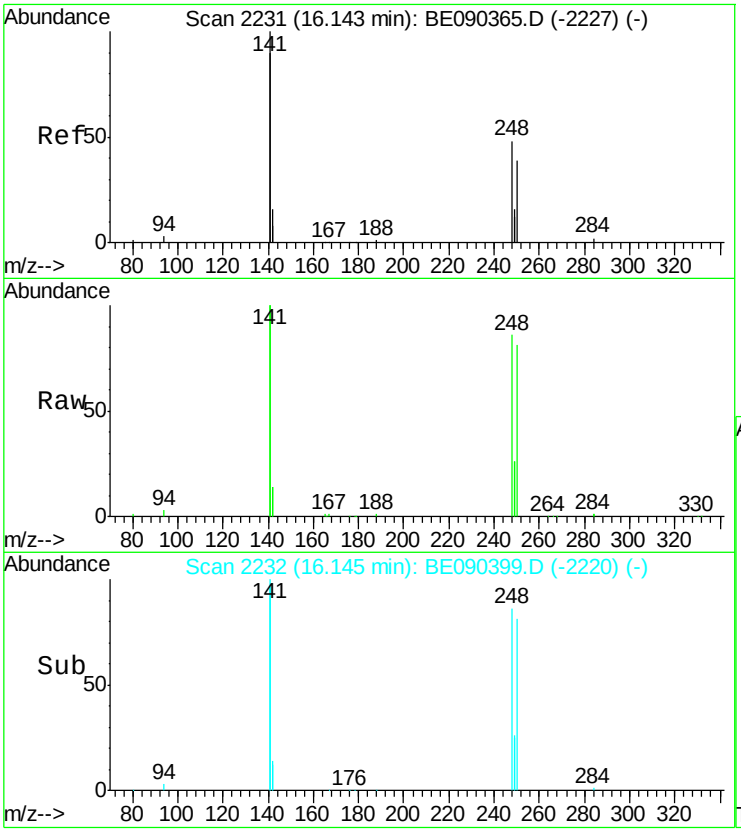


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Tgt Ion:188 Resp: 126144

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



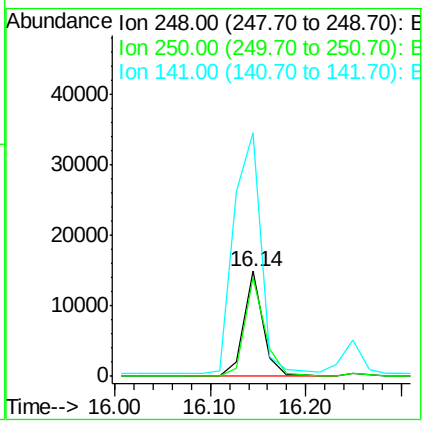


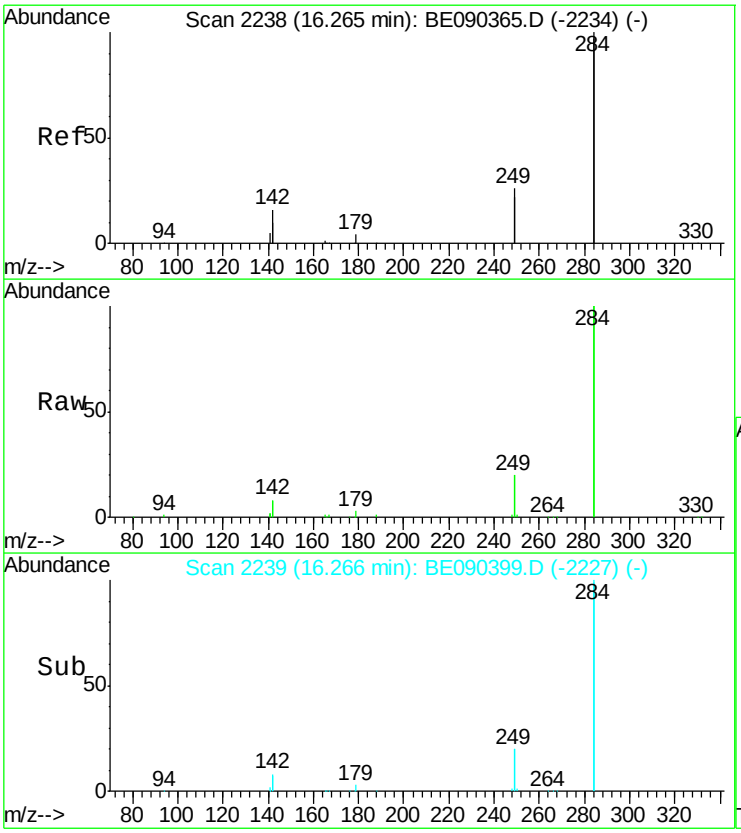
#19
4-Bromophenyl-phenylether
Concen: 4.25 ng
RT: 16.14 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :
PB84826BS

Tgt Ion:248 Resp: 20832

Ion	Ratio	Lower	Upper
248	100		
250	97.3	79.0	118.6
141	319.4	239.5	359.3

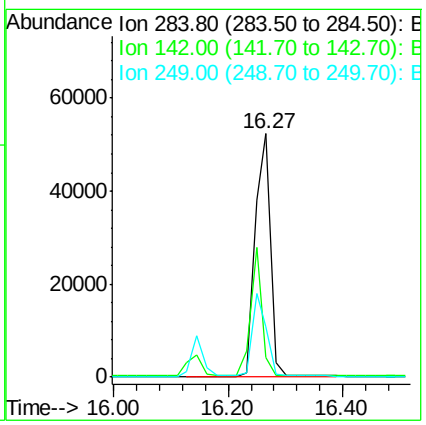


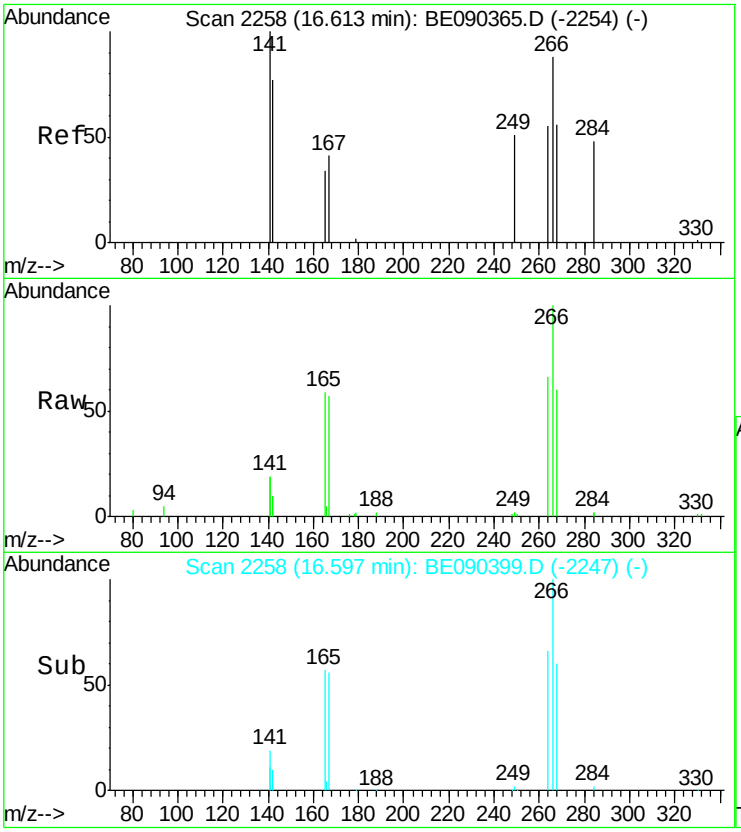


#20
Hexachlorobenzene
Concen: 3.89 ng
RT: 16.27 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Tgt Ion:284 Resp: 98541

Ion	Ratio	Lower	Upper
284	100		
142	39.2	30.1	45.1
249	31.4	25.7	38.5



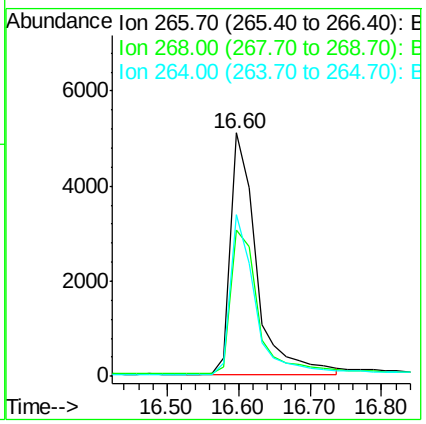


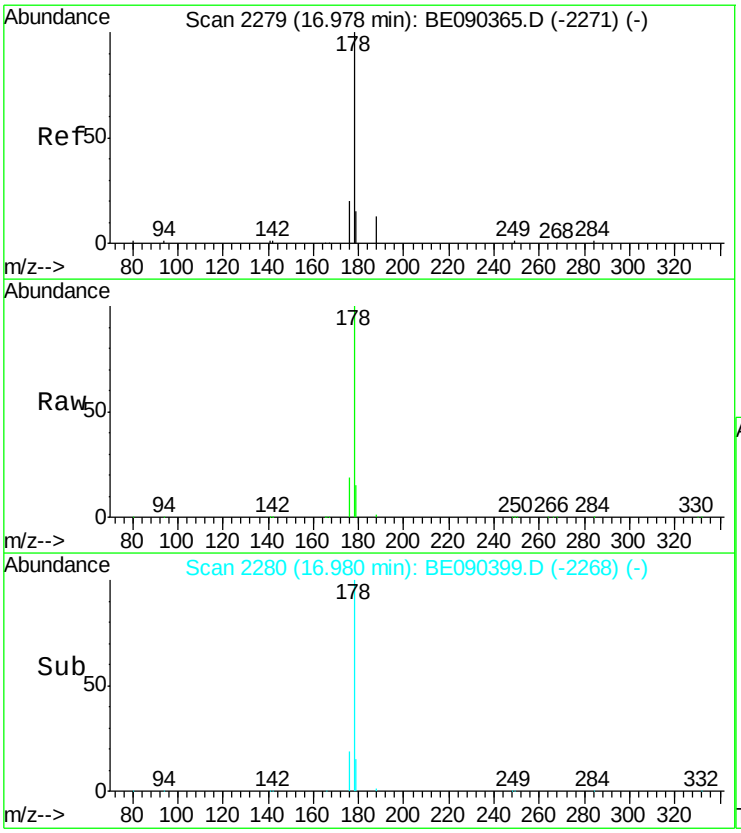
#21
Pentachlorophenol
Concen: 6.91 ng
RT: 16.60 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :
PB84826BS

Tgt Ion:266 Resp: 12673

Ion	Ratio	Lower	Upper
266	100		
268	60.1	58.5	87.7
264	66.5	56.0	84.0

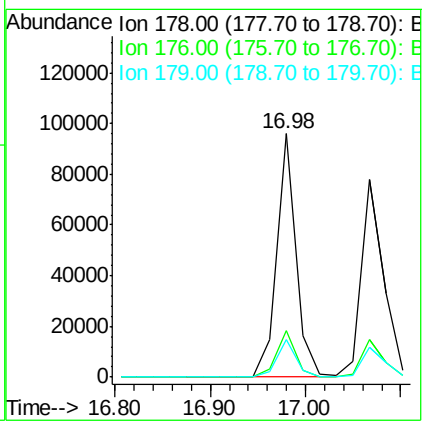


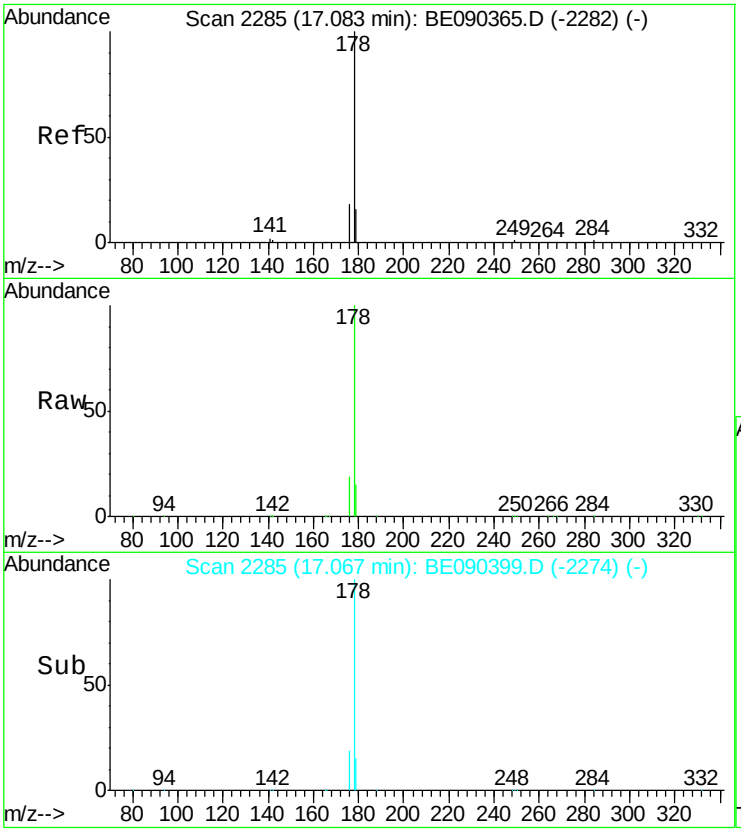


#22
Phenanthrene
Concen: 4.26 ng
RT: 16.98 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Tgt Ion:178 Resp: 134637

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.5	12.5	18.7



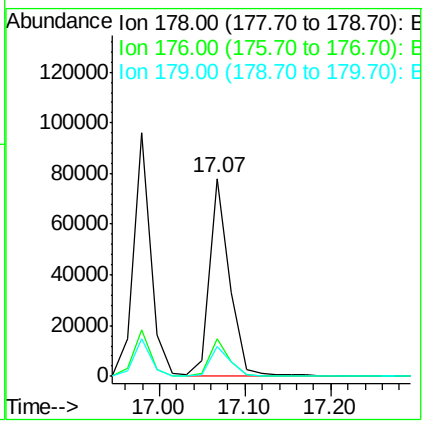


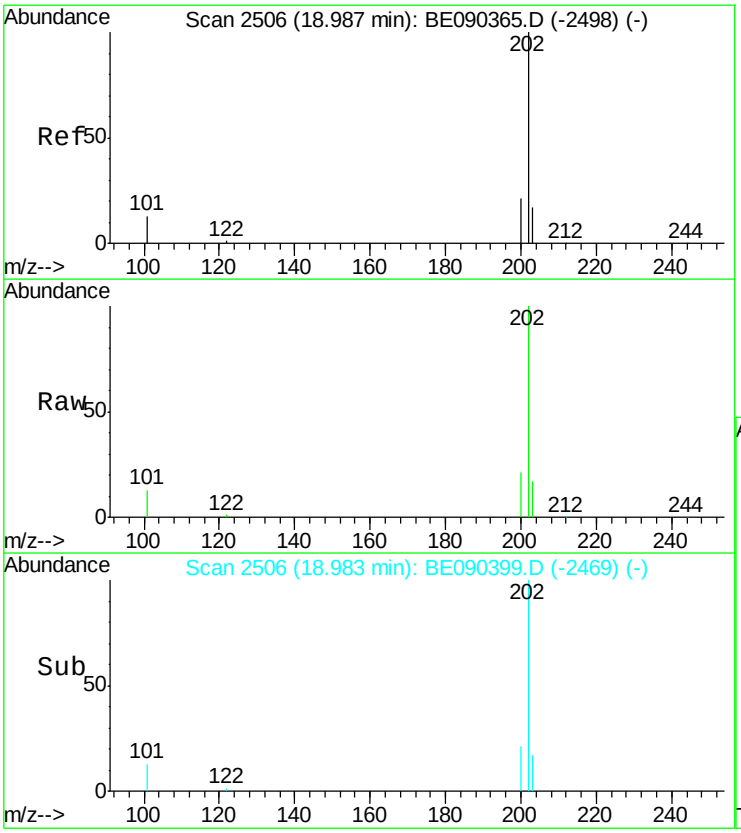
#23
Anthracene
Concen: 4.89 ng
RT: 17.07 min Scan# 2285
Delta R.T. -0.02 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :
PB84826BS

Tgt Ion:178 Resp: 126785

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.5	12.2	18.4

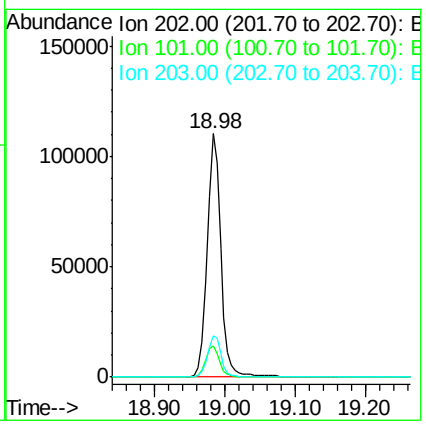


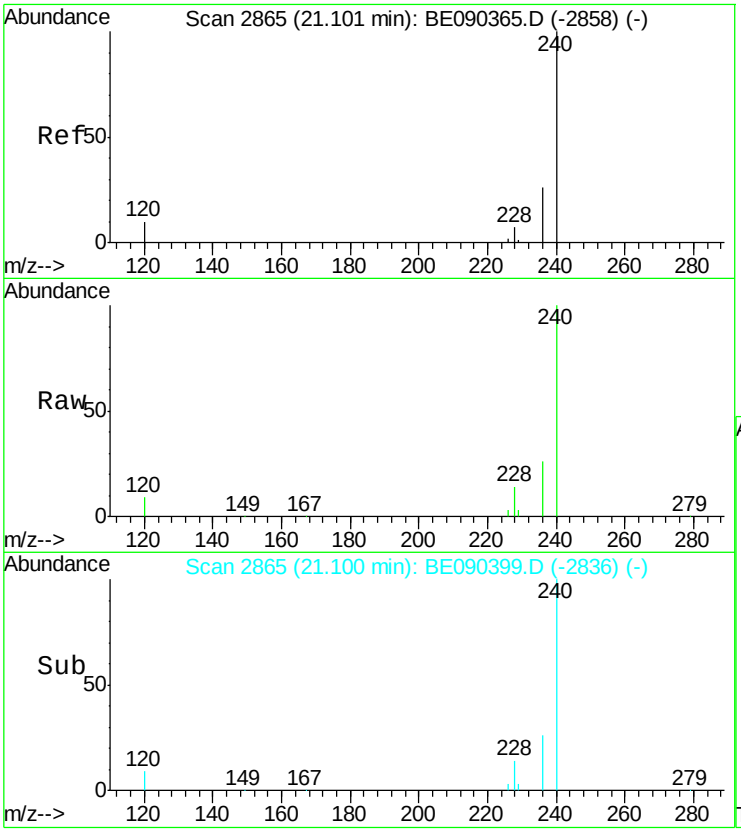


#24
Fluoranthene
Concen: 4.81 ng
RT: 18.98 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Tgt Ion:202 Resp: 149307

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.3	15.5
203	17.1	13.7	20.5



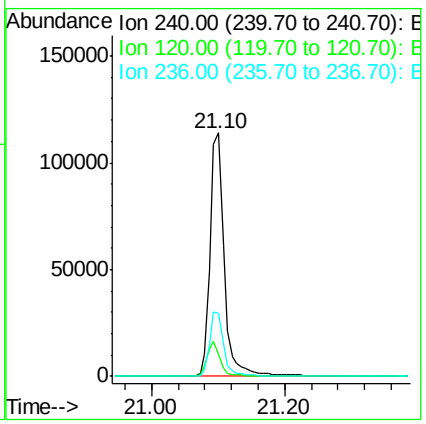


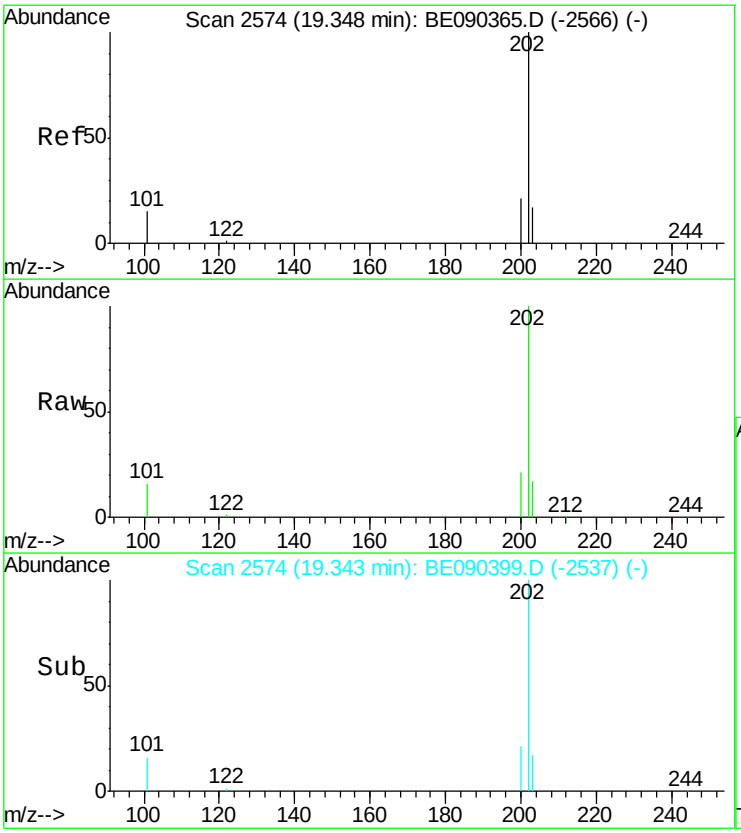
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.10 min Scan# 2865
Delta R.T. -0.00 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :
PB84826BS

Tgt Ion:240 Resp: 164946

Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.3	12.5
236	25.9	21.0	31.4

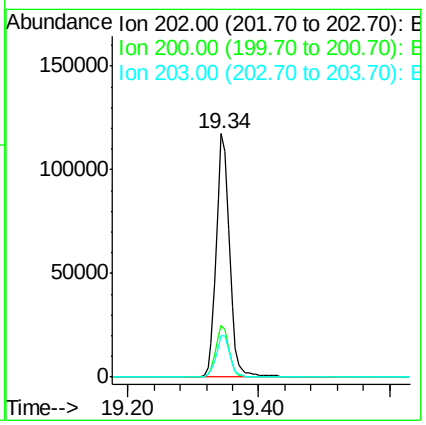


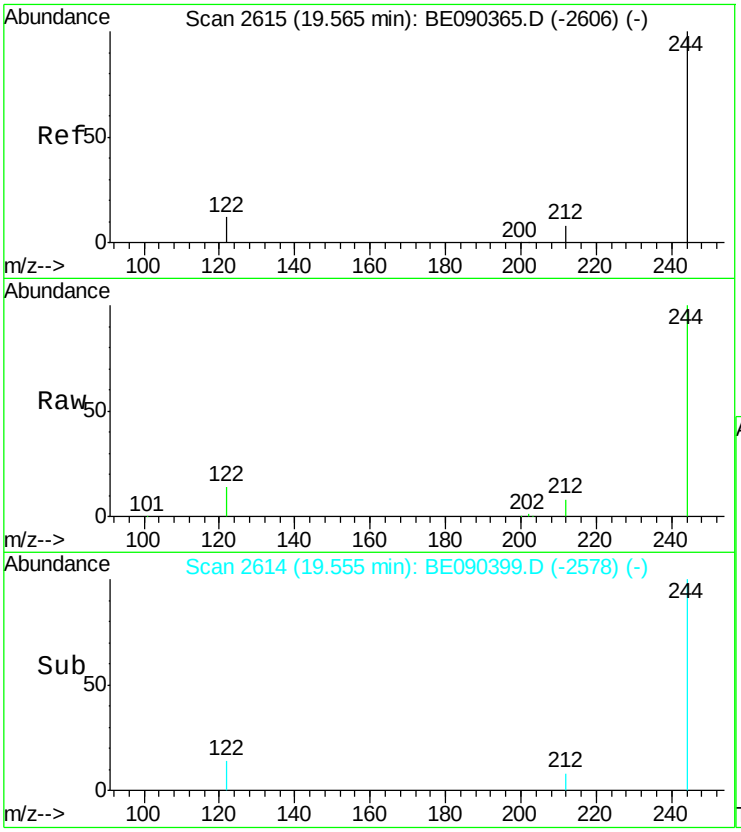


#26
Pyrene
Concen: 4.63 ng
RT: 19.34 min Scan# 2574
Delta R.T. -0.00 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Tgt Ion:202 Resp: 165403

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	17.9	13.8	20.8



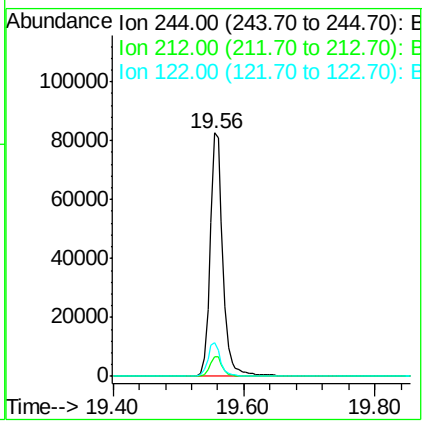


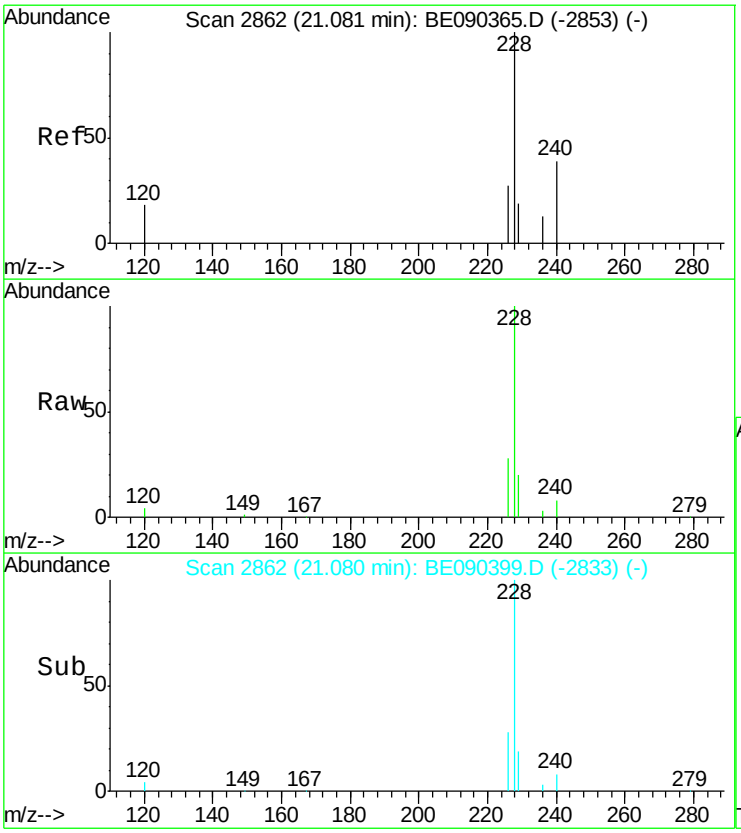
#27
Terphenyl-d14
Concen: 4.59 ng
RT: 19.56 min Scan# 2614
Delta R.T. -0.01 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :
PB84826BS

Tgt Ion:244 Resp: 111649

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	9.8
122	14.1	10.2	15.4

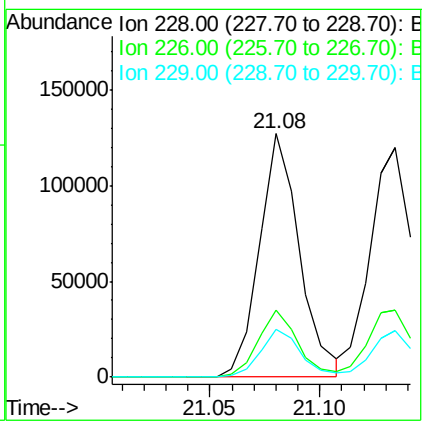


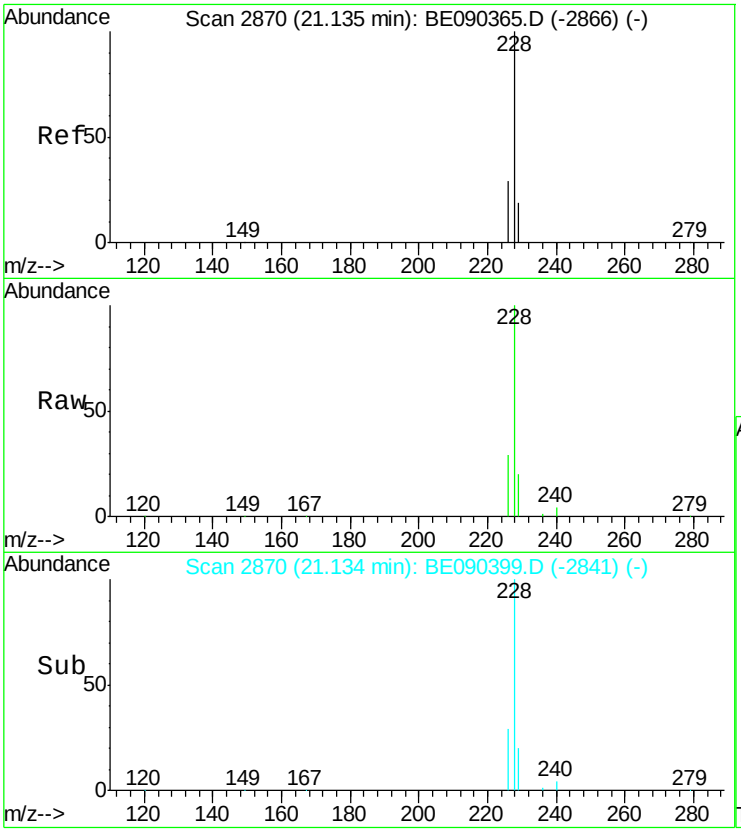


#28
Benzo(a)anthracene
Concen: 4.43 ng
RT: 21.08 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Tgt Ion:228 Resp: 161976

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.9	32.9
229	19.5	15.4	23.0



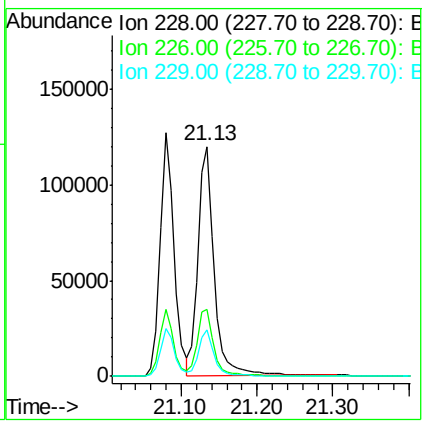


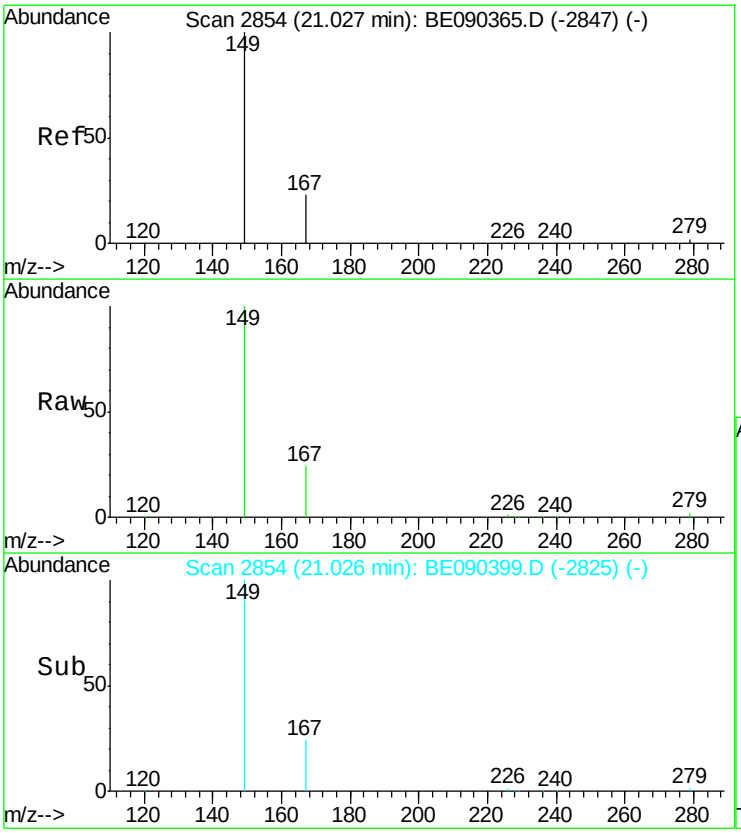
#29
Chrysene
Concen: 4.04 ng
RT: 21.13 min Scan# 2870
Delta R.T. -0.00 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :
PB84826BS

Tgt Ion:228 Resp: 178299

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.1	34.7
229	20.4	15.8	23.8

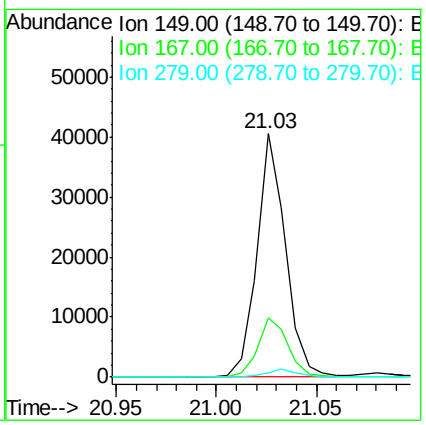


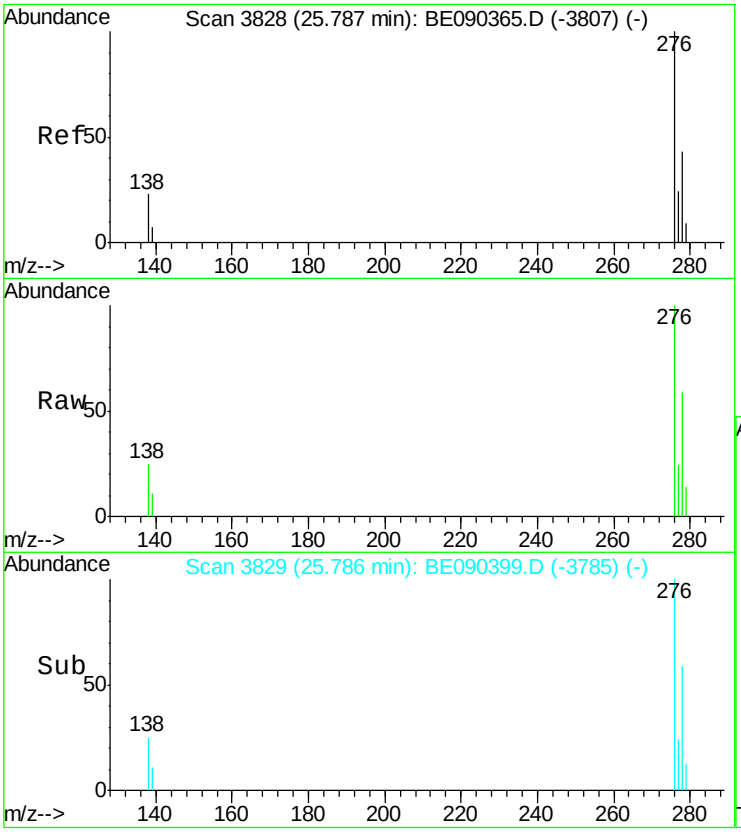


#30
Bis(2-ethylhexyl)phthalate
Concen: 3.46 ng
RT: 21.03 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Tgt Ion:149 Resp: 40056

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



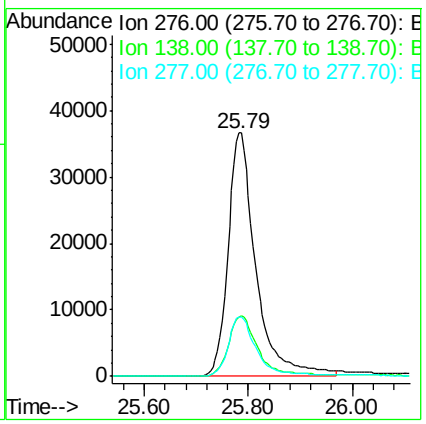


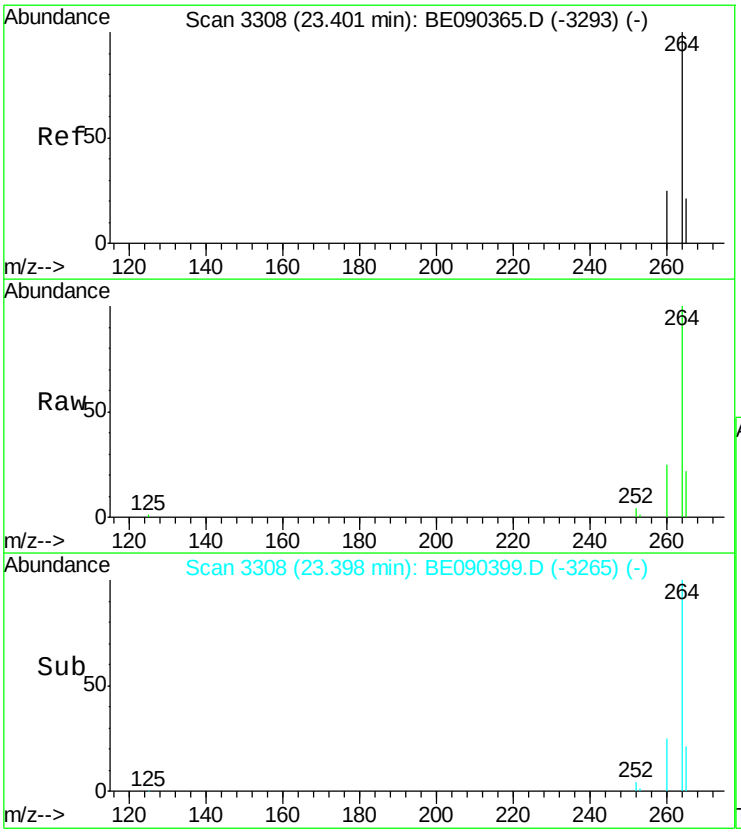
#31
Indeno(1,2,3-cd)pyrene
Concen: 3.46 ng
RT: 25.79 min Scan# 3829
Delta R.T. 0.00 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :
PB84826BS

Tgt Ion:276 Resp: 134847

Ion	Ratio	Lower	Upper
276	100		
138	25.9	18.8	28.2
277	24.8	18.2	27.4

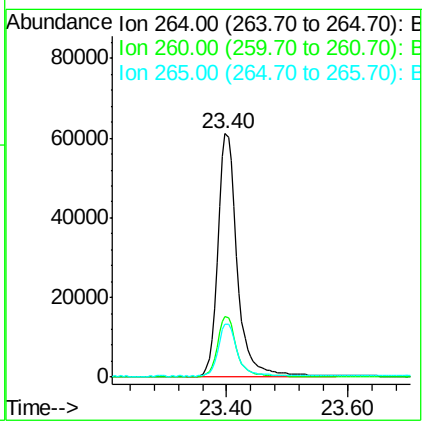


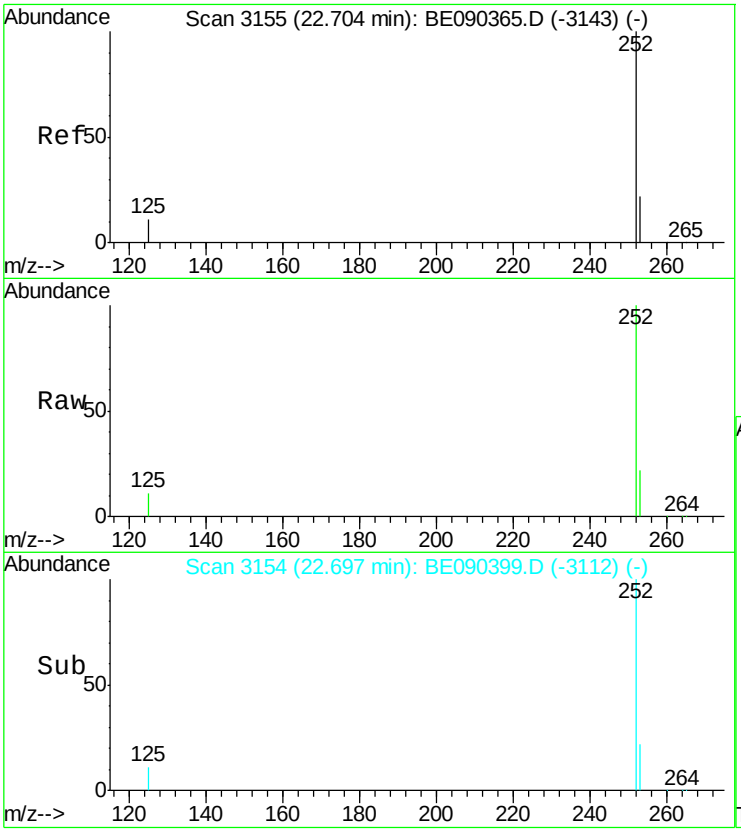


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. -0.00 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Tgt Ion:264 Resp: 136416

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



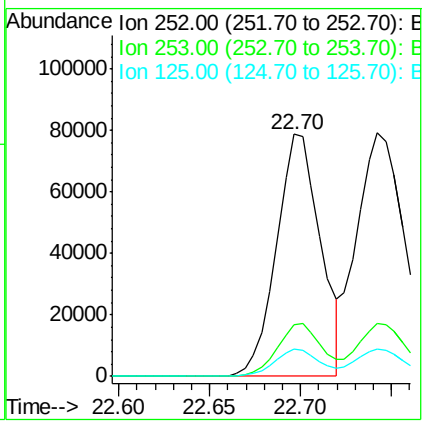


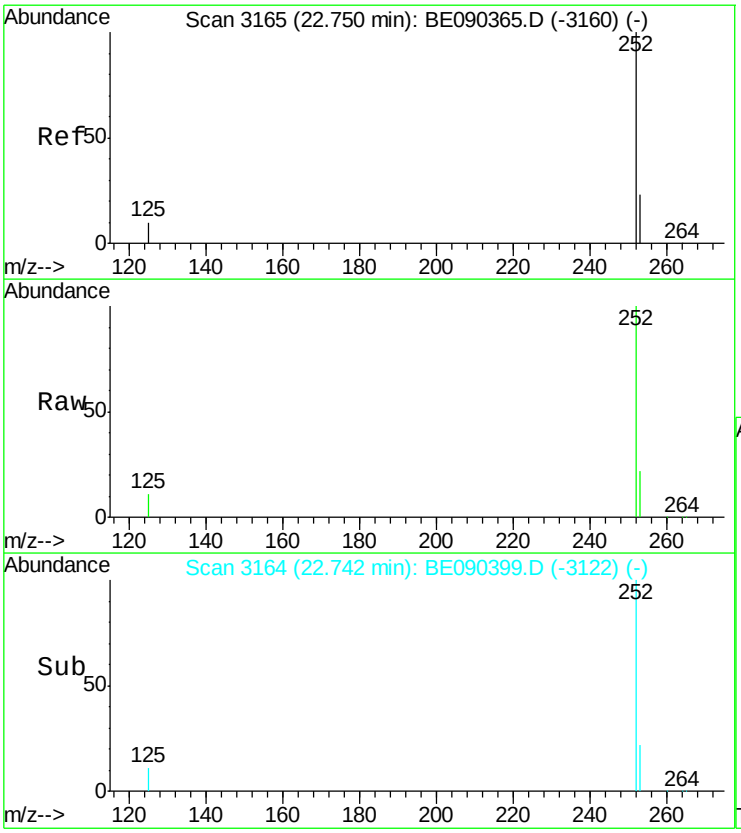
#33
Benzo(b)fluoranthene
Concen: 4.30 ng
RT: 22.70 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :
PB84826BS

Tgt Ion:252 Resp: 131760

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	11.3	9.4	14.2

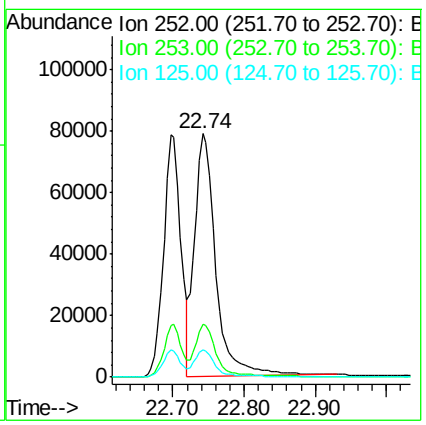


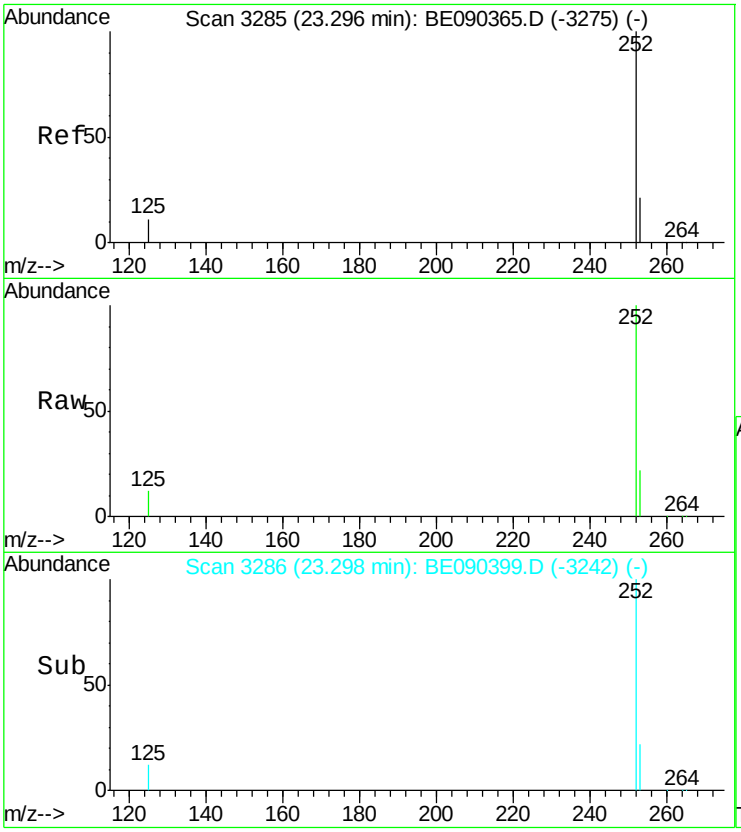


#34
Benzo(k)fluoranthene
Concen: 4.24 ng
RT: 22.74 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Tgt Ion:252 Resp: 161231

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	11.3	9.1	13.7



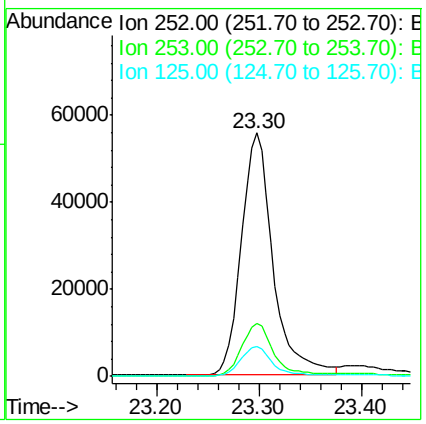


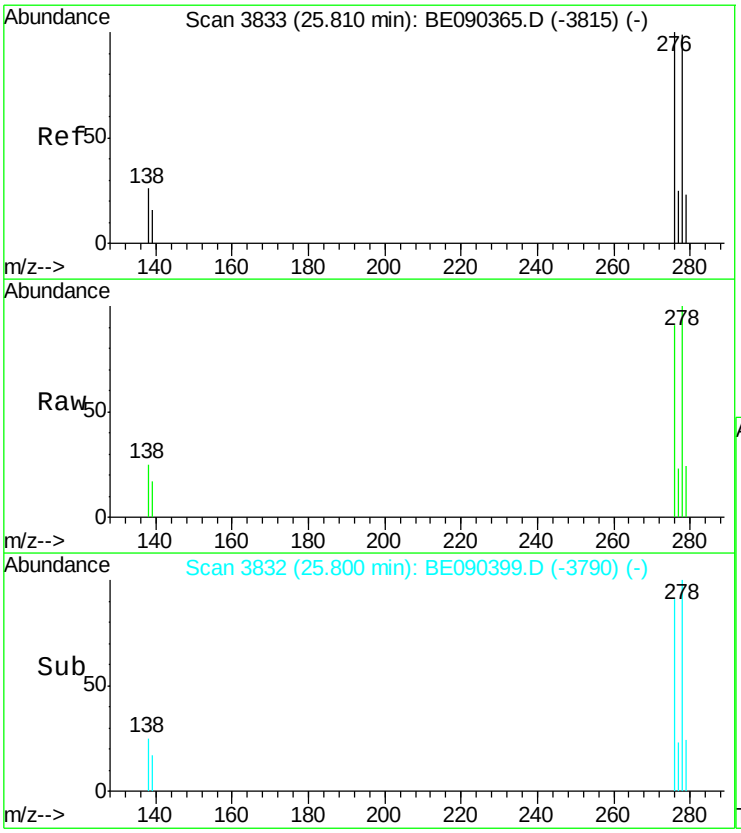
#35
Benzo(a)pyrene
Concen: 4.16 ng
RT: 23.30 min Scan# 3286
Delta R.T. 0.00 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :
PB84826BS

Tgt Ion:252 Resp: 120190

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	12.2	9.8	14.6

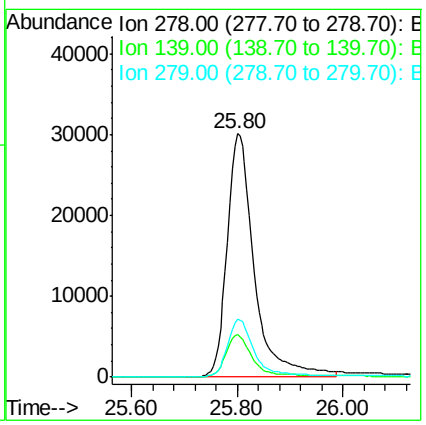


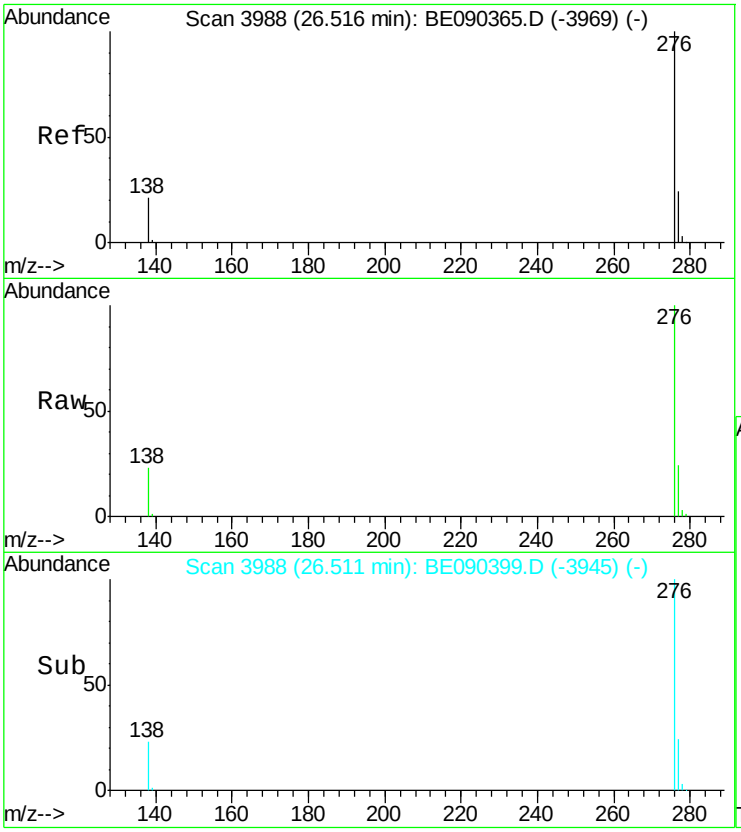


#36
Dibenzo(a,h)anthracene
Concen: 3.82 ng
RT: 25.80 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Tgt Ion:278 Resp: 107203

Ion	Ratio	Lower	Upper
278	100		
139	17.3	14.2	21.4
279	23.8	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 4.68 ng
RT: 26.51 min Scan# 3988
Delta R.T. -0.01 min
Lab File: BE090399.D
Acq: 7 Aug 2015 16:05

Instrument :
BNA_E
ClientSampleId :
PB84826BS

Tgt Ion:276 Resp: 117948

Ion	Ratio	Lower	Upper
276	100		
277	23.7	20.1	30.1
138	23.2	18.1	27.1