Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
Data File : BE090491.D
Acq On : 13 Aug 2015 5:37
Operator : UM/IZ
Sample : G3248-02MS
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 13 06:39:25 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	20703	5.00	ng		-0.01
6) Naphthalene-d8	10.33	136	97489	5.00	ng		0.00
12) Acenaphthene-d10	14.19	164	55041	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	126609	5.00	ng		0.00
25) Chrysene-d12	21.09	240	152222	5.00	ng		0.00
32) Perylene-d12	23.40	264	143486	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	10	0.00	ng		0.02
5) Phenol-d6	6.77	99	4256	0.86	ng		0.00
7) Nitrobenzene-d5	8.72	82	20831	2.72	ng		-0.01
13) 2,4,6-Tribromophenol	15.71	330	5	0.11	ng		0.00
14) 2-Fluorobiphenyl	12.81	172	45463	3.00	ng		0.00
27) Terphenyl-d14	19.55	244	74835	3.34	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	5894	2.34	ng		99
3) n-Nitrosodimethylamine	3.49	42	8619	2.69	ng	#	73
8) Nitrobenzene	8.76	77	21649	2.65	ng		97
9) Naphthalene	10.38	128	57893	2.69	ng		98
10) Hexachlorobutadiene	10.68	225	9250	2.81	ng		99
11) 2-Methylnaphthalene	12.00	142	38677	3.10	ng		99
15) Acenaphthylene	13.91	152	268748	3.01	ng		100
16) Acenaphthene	14.25	154	39415	2.84	ng		88
17) Fluorene	15.24	166	52261	2.90	ng		99
19) 4-Bromophenyl-phenylether	16.14	248	15301	3.11	ng		96
20) Hexachlorobenzene	16.27	284	66023	2.60	ng		98
21) Pentachlorophenol	16.70	266	4	0.09	ng	#	68
22) Phenanthrene	16.98	178	96989	3.06	ng		100
23) Anthracene	17.07	178	90509	3.48	ng		100
24) Fluoranthene	18.98	202	115900	3.72	ng		99
26) Pyrene	19.34	202	120467	3.65	ng		99
28) Benzo(a)anthracene	21.08	228	112869	3.35	ng		99
29) Chrysene	21.13	228	115934	2.84	ng		98
30) Bis(2-ethylhexyl)phthalate	21.03	149	62373	5.08	ng		98
31) Indeno(1,2,3-cd)pyrene	25.77	276	105188	2.97	ng		94
33) Benzo(b)fluoranthene	22.70	252	101492	3.20	ng		100
34) Benzo(k)fluoranthene	22.74	252	102392	2.56	ng		99
35) Benzo(a)pyrene	23.29	252	92279	3.10	ng		99
36) Dibenzo(a,h)anthracene	25.80	278	82675	2.88	ng		98
37) Benzo(g,h,i)perylene	26.51	276	93547	3.53	ng		98

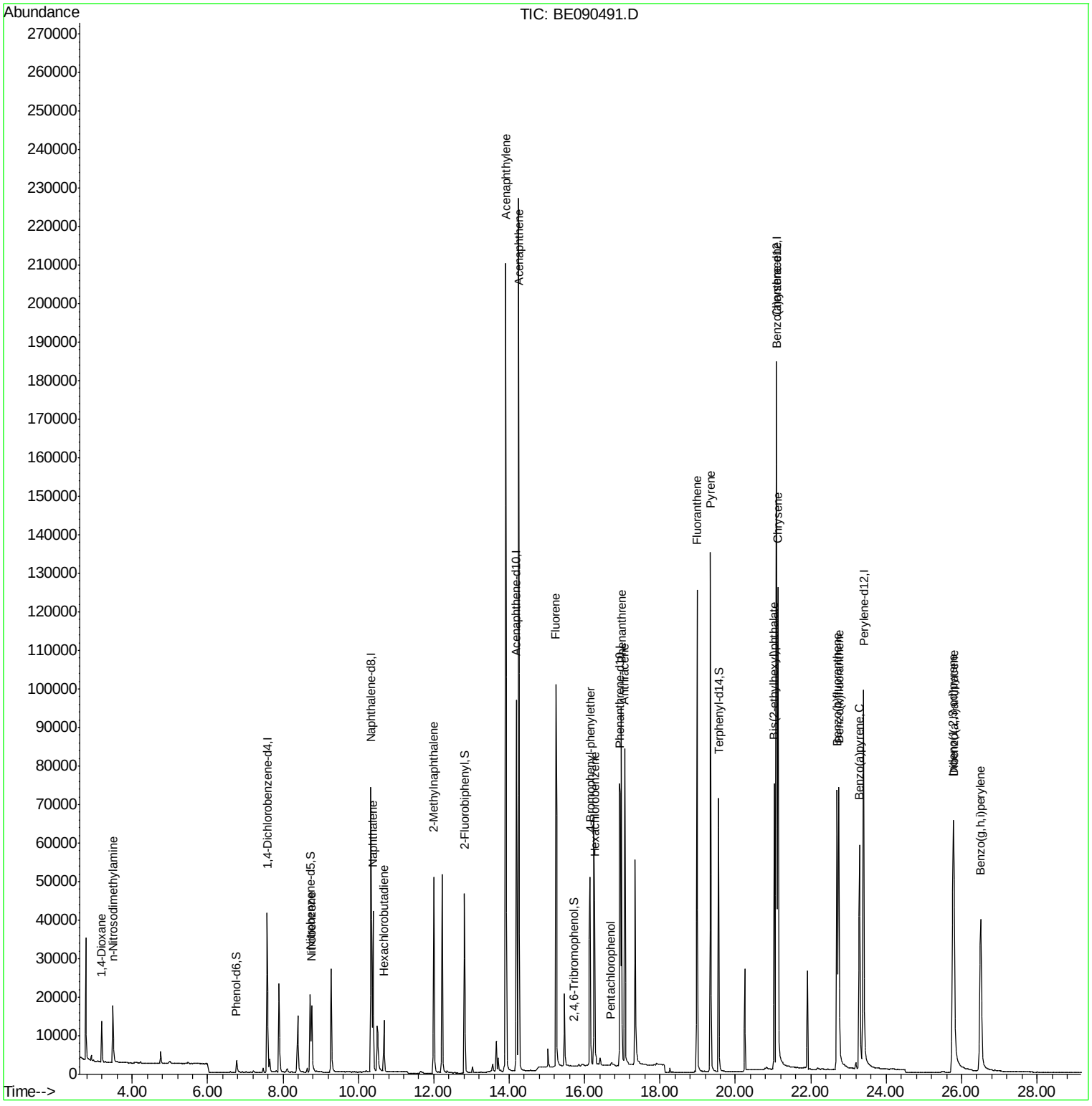
(#) = qualifier out of range (m) = manual integration (+) = signals summed

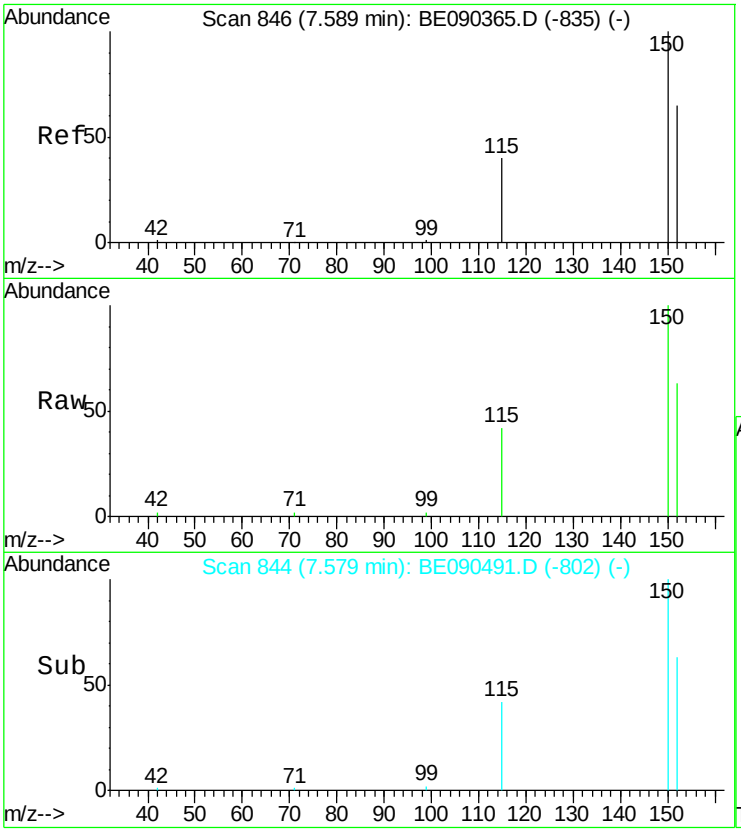
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
Data File : BE090491.D
Acq On : 13 Aug 2015 5:37
Operator : UM/IZ
Sample : G3248-02MS
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 13 06:39:25 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



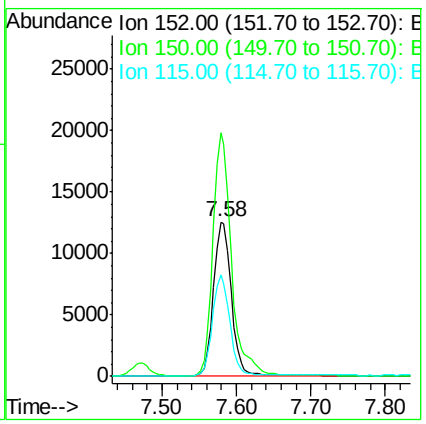


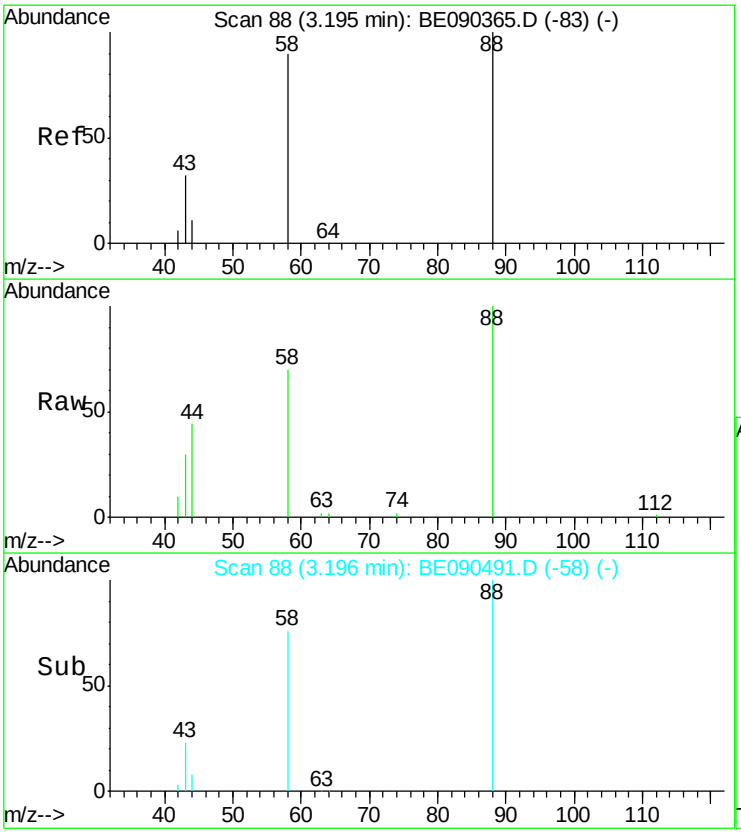
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.01 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 20703

Ion	Ratio	Lower	Upper
152	100		
150	157.7	123.0	184.4
115	66.0	48.9	73.3

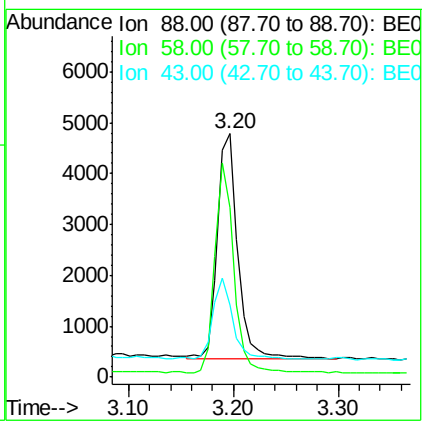


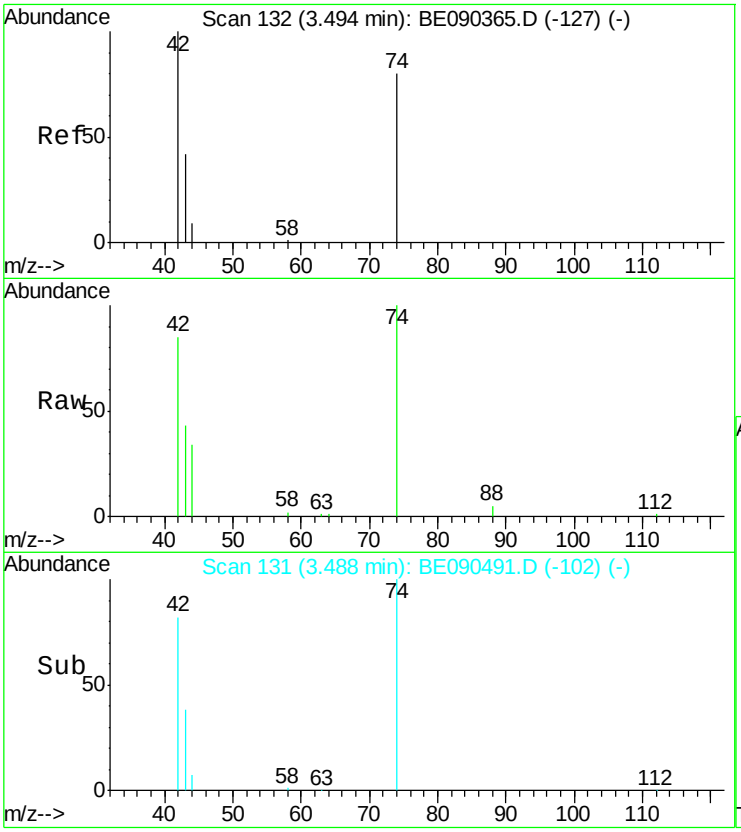


#2
1,4-Dioxane
Concen: 2.34 ng
RT: 3.20 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Tgt Ion: 88 Resp: 5894

Ion	Ratio	Lower	Upper
88	100		
58	86.2	70.0	105.0
43	36.2	28.4	42.6



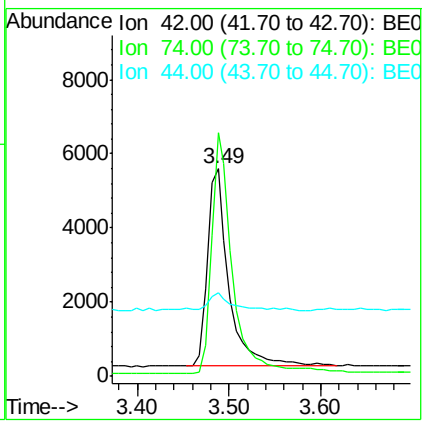


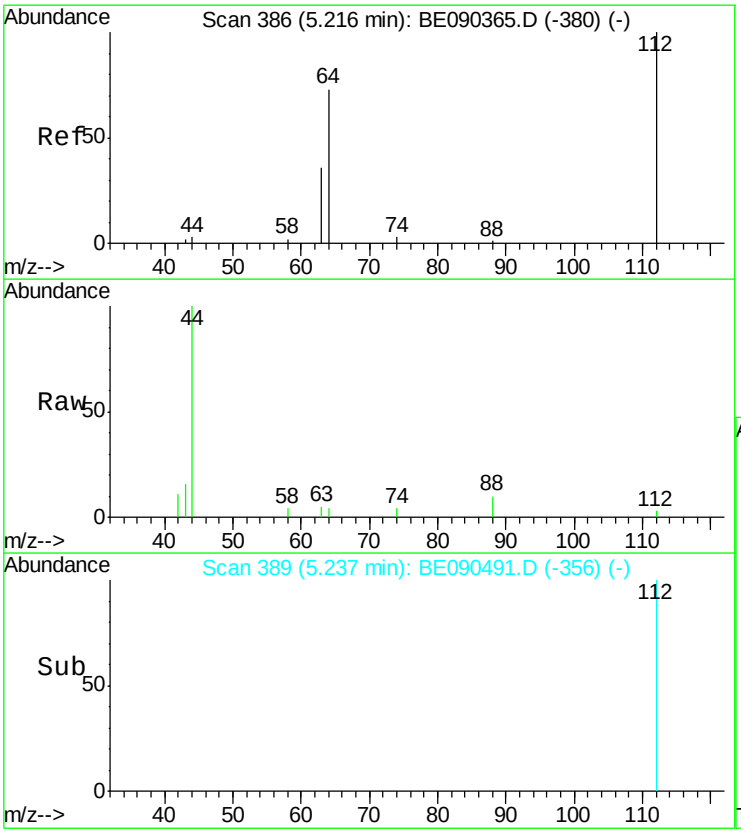
#3
n-Nitrosodimethylamine
Concen: 2.69 ng
RT: 3.49 min Scan# 131
Delta R.T. -0.01 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 8619

Ion	Ratio	Lower	Upper
42	100		
74	122.7	75.2	112.8#
44	7.8	8.7	13.1#

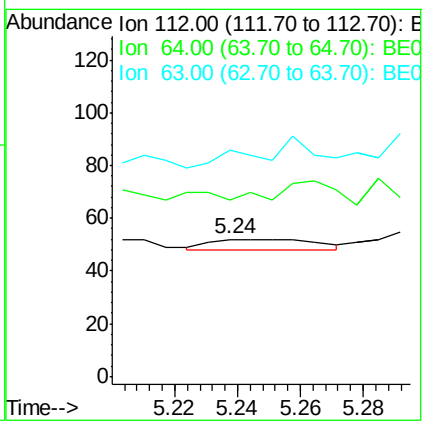


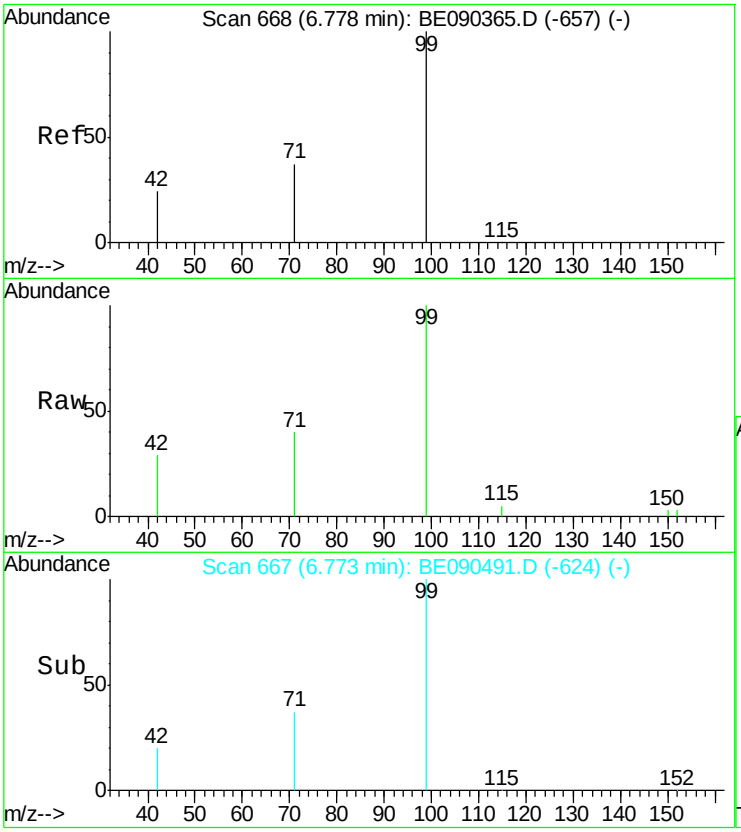


#4
2-Fluorophenol
Concen: 0.00 ng
RT: 5.24 min Scan# 389
Delta R.T. 0.02 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Tgt Ion:112 Resp: 10

Ion	Ratio	Lower	Upper
112	100		
64	20.0	37.1	55.7#
63	0.0	19.5	29.3#



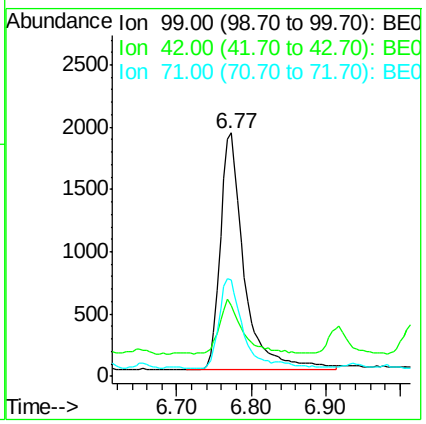


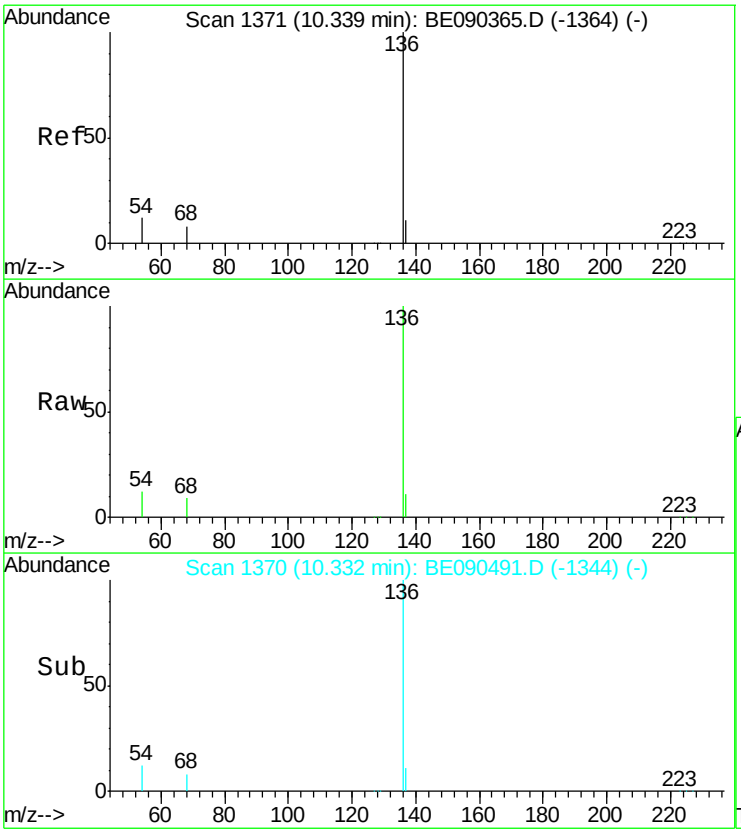
#5
Phenol-d6
Concen: 0.86 ng
RT: 6.77 min Scan# 667
Delta R.T. -0.01 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 4256

Ion	Ratio	Lower	Upper
99	100		
42	21.9	18.2	27.4
71	39.7	27.4	41.0

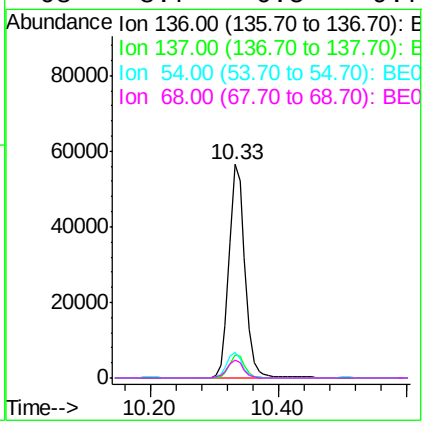


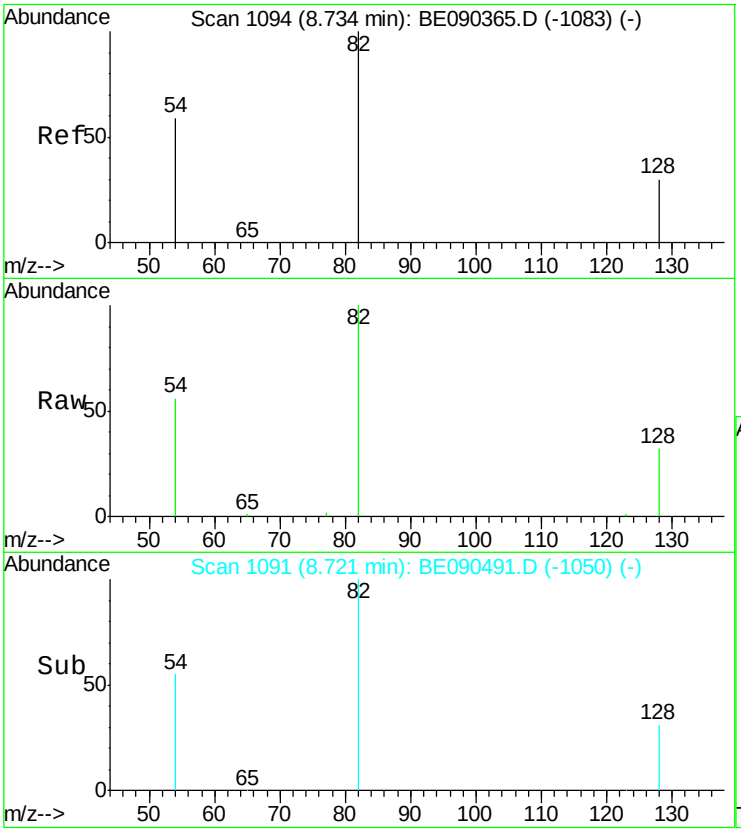


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.33 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Tgt Ion:136 Resp: 97489

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	12.0	9.4	14.0
68	8.7	6.5	9.7



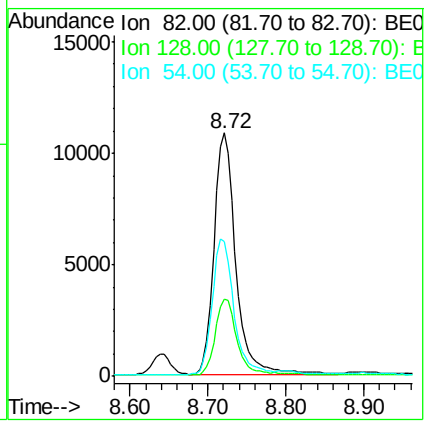


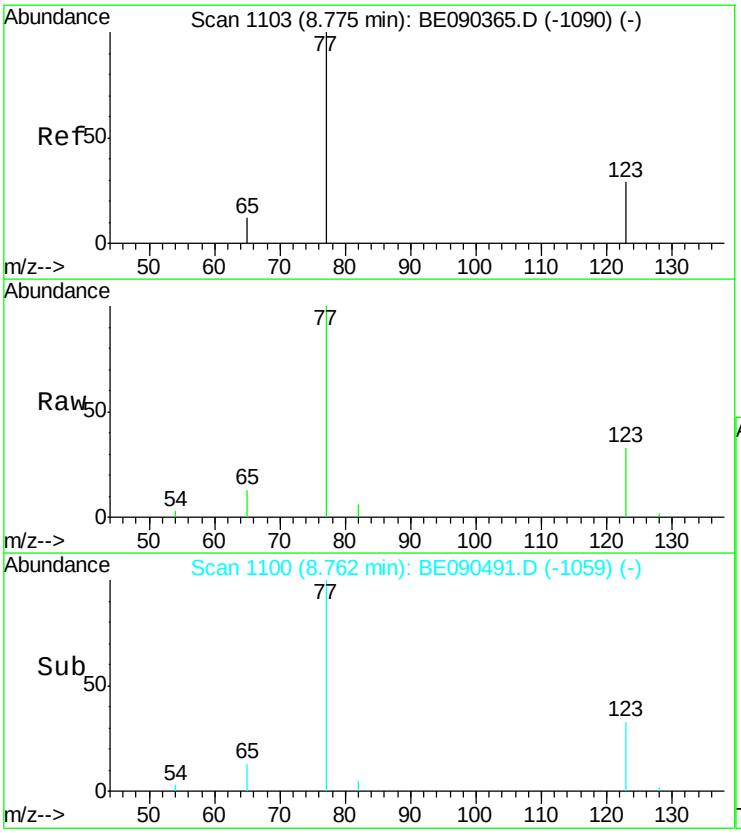
#7
Nitrobenzene-d5
Concen: 2.72 ng
RT: 8.72 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 20831

Ion	Ratio	Lower	Upper
82	100		
128	31.7	25.0	37.6
54	55.6	48.8	73.2

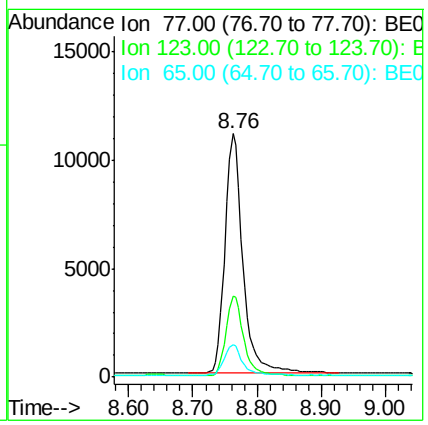


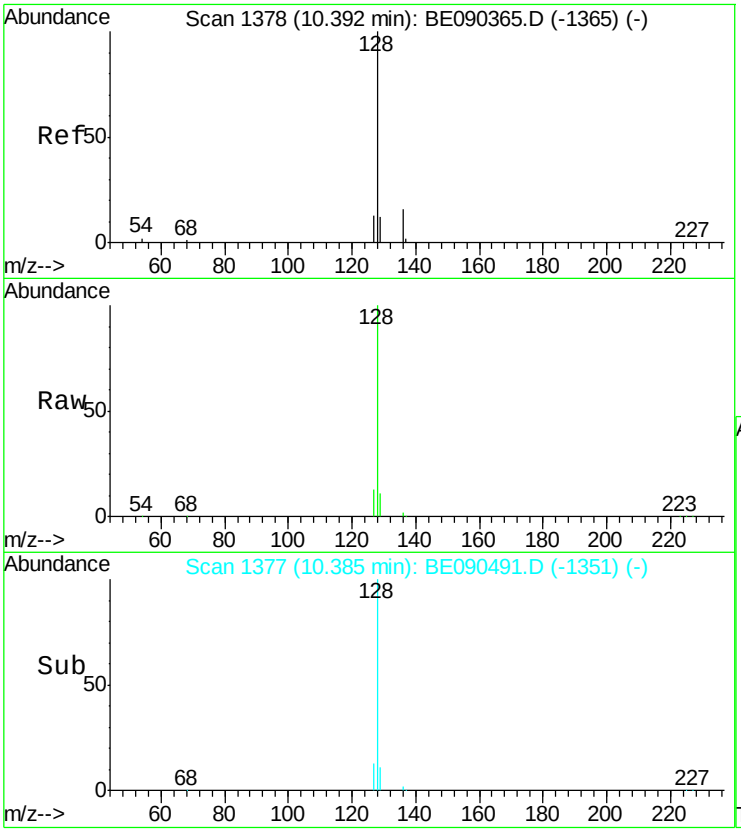


#8
Nitrobenzene
Concen: 2.65 ng
RT: 8.76 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Tgt Ion: 77 Resp: 21649

Ion	Ratio	Lower	Upper
77	100		
123	33.0	25.1	37.7
65	12.8	9.3	13.9



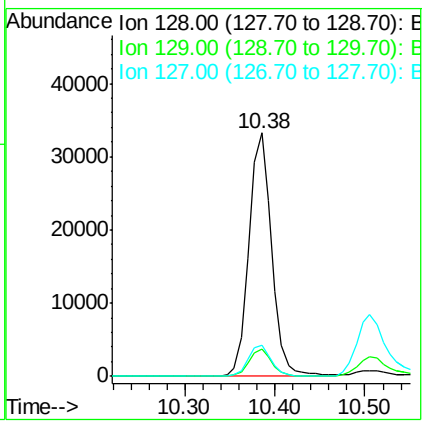


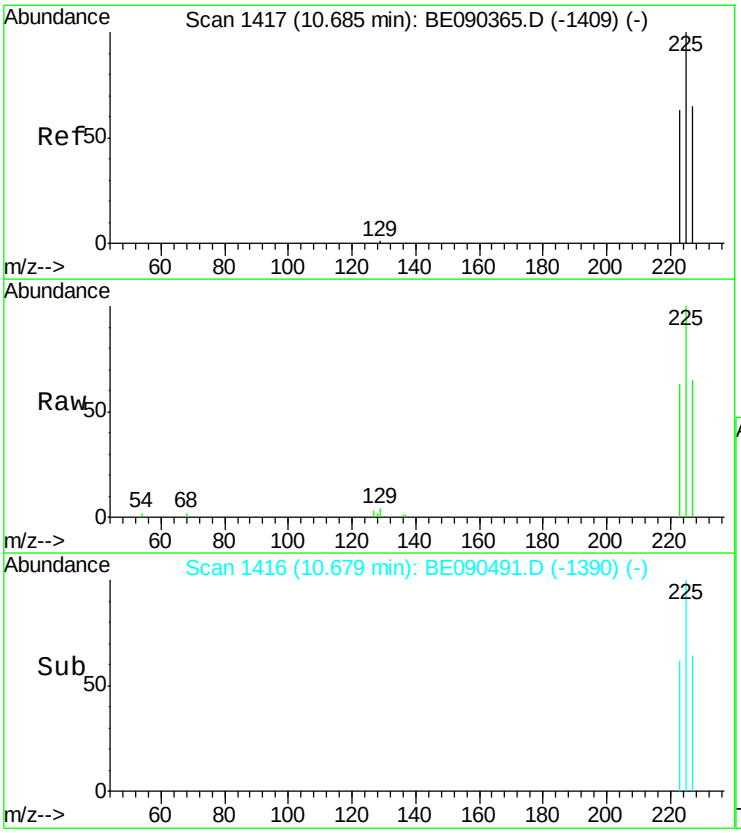
#9
Naphthalene
Concen: 2.69 ng
RT: 10.38 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 57893

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

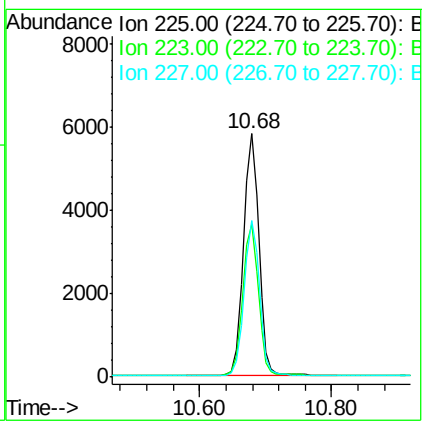


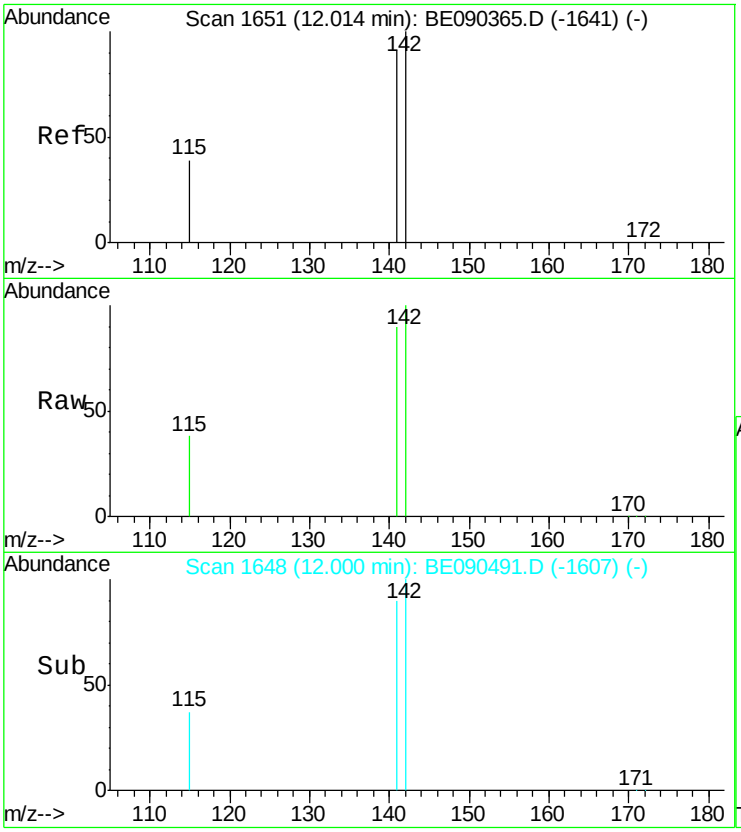


#10
Hexachlorobutadiene
Concen: 2.81 ng
RT: 10.68 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Tgt Ion:225 Resp: 9250

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	75.8
227	64.1	50.7	76.1



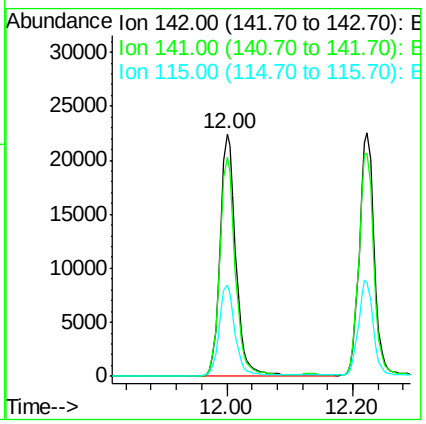


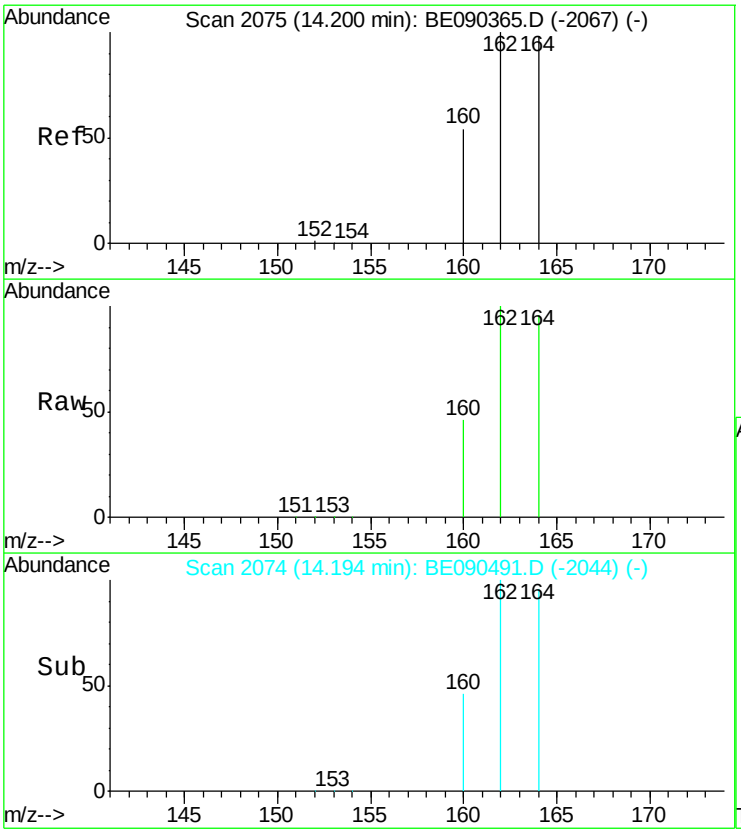
#11
2-Methylnaphthalene
Concen: 3.10 ng
RT: 12.00 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 38677

Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.6	109.0
115	37.6	31.6	47.4

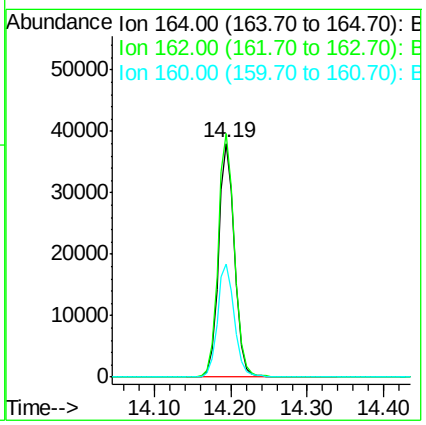


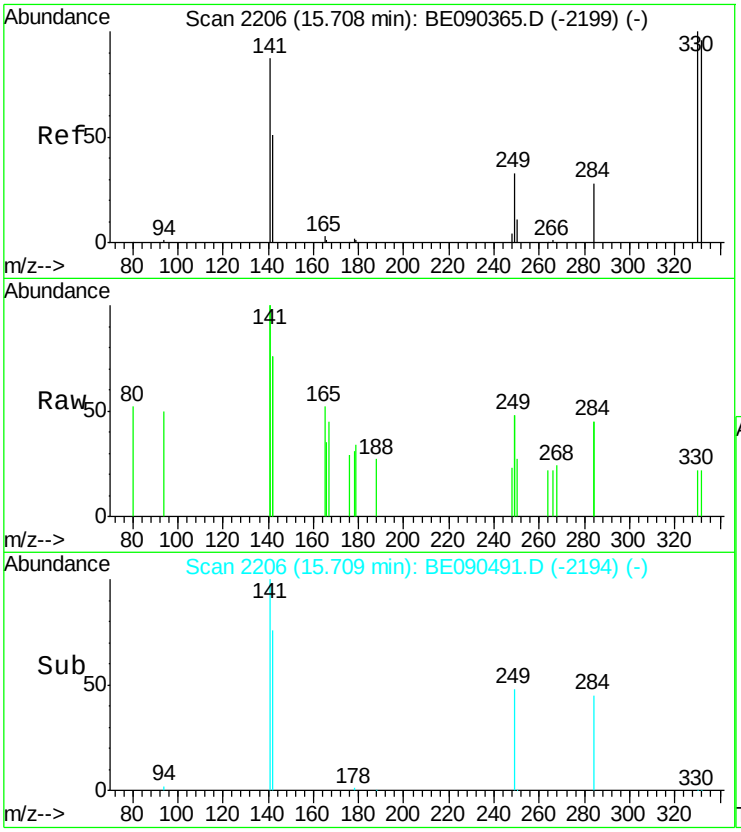


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Tgt Ion:164 Resp: 55041

Ion	Ratio	Lower	Upper
164	100		
162	104.1	81.8	122.8
160	48.4	44.2	66.4



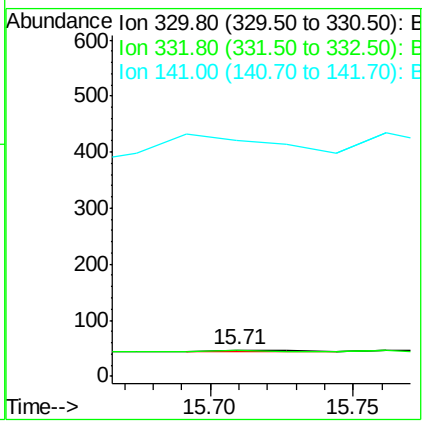


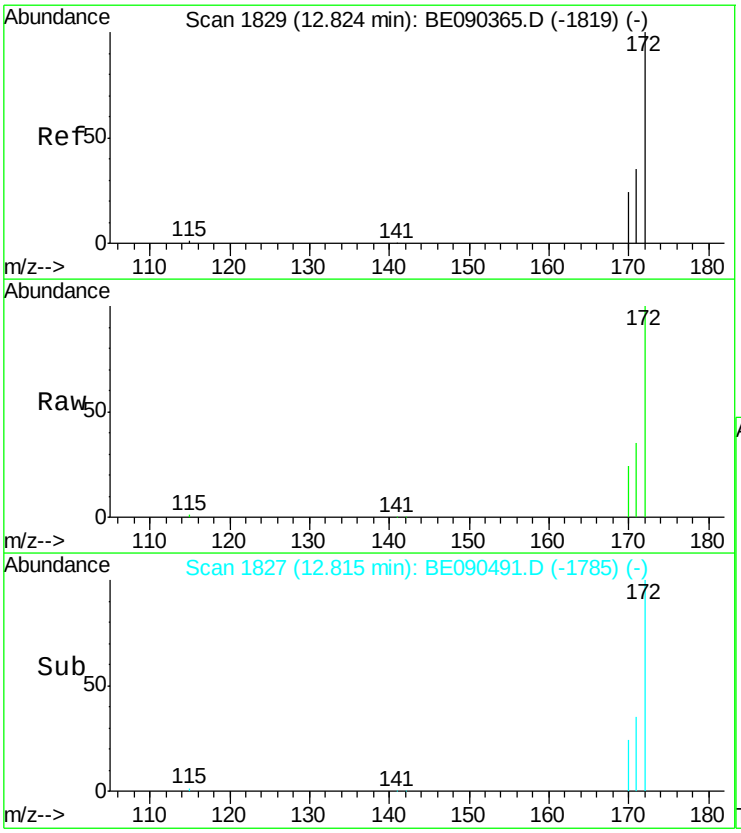
#13
2,4,6-Tribromophenol
Concen: 0.11 ng
RT: 15.71 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 5

Ion	Ratio	Lower	Upper
330	100		
332	160.0	75.8	113.6#
141	2540.0	114.4	171.6#

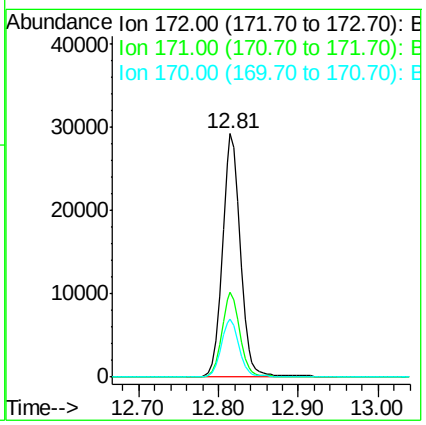


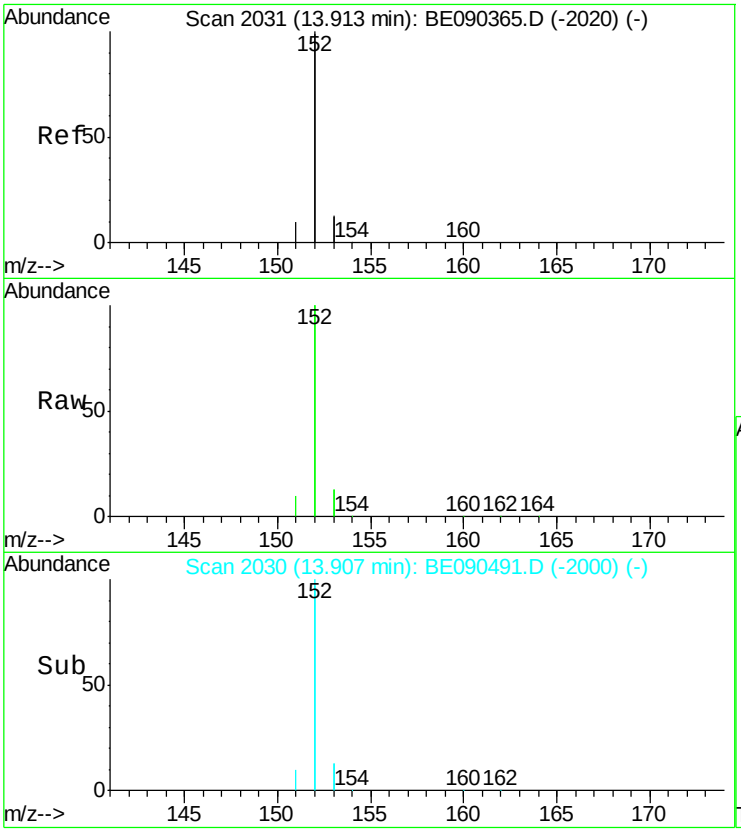


#14
2-Fluorobiphenyl
Concen: 3.00 ng
RT: 12.81 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Tgt Ion:172 Resp: 45463

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



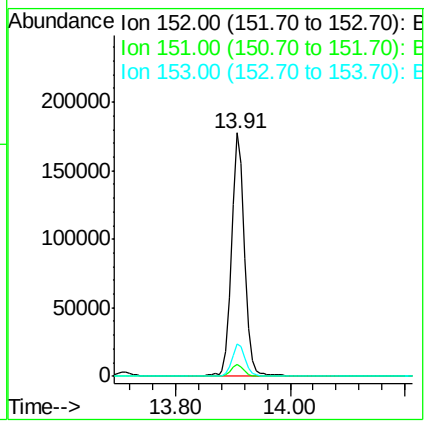


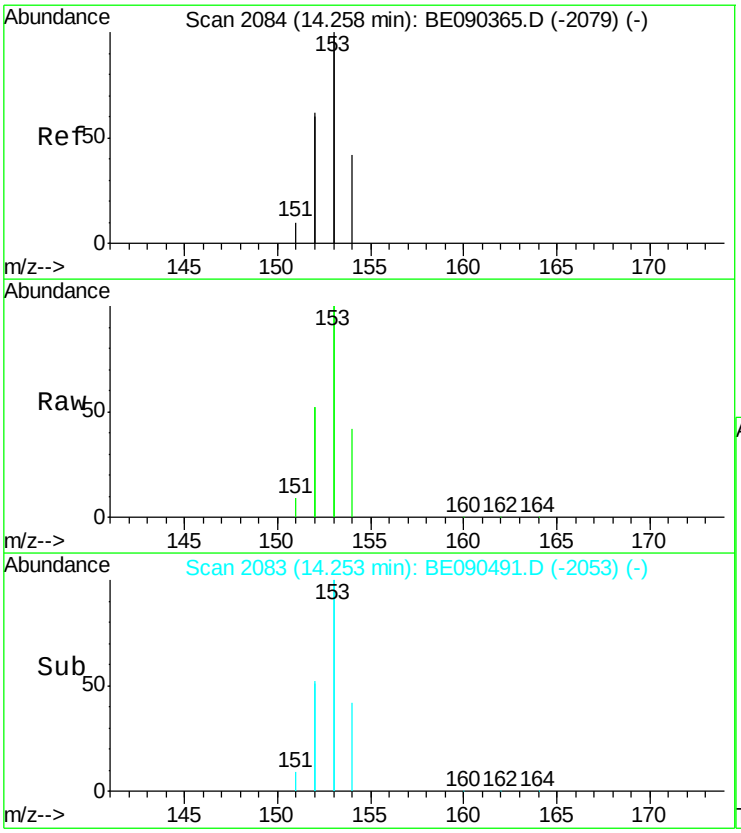
#15
Acenaphthylene
Concen: 3.01 ng
RT: 13.91 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 268748

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.8	5.8
153	13.1	10.3	15.5

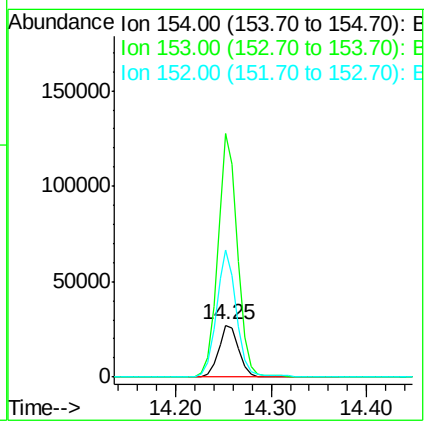


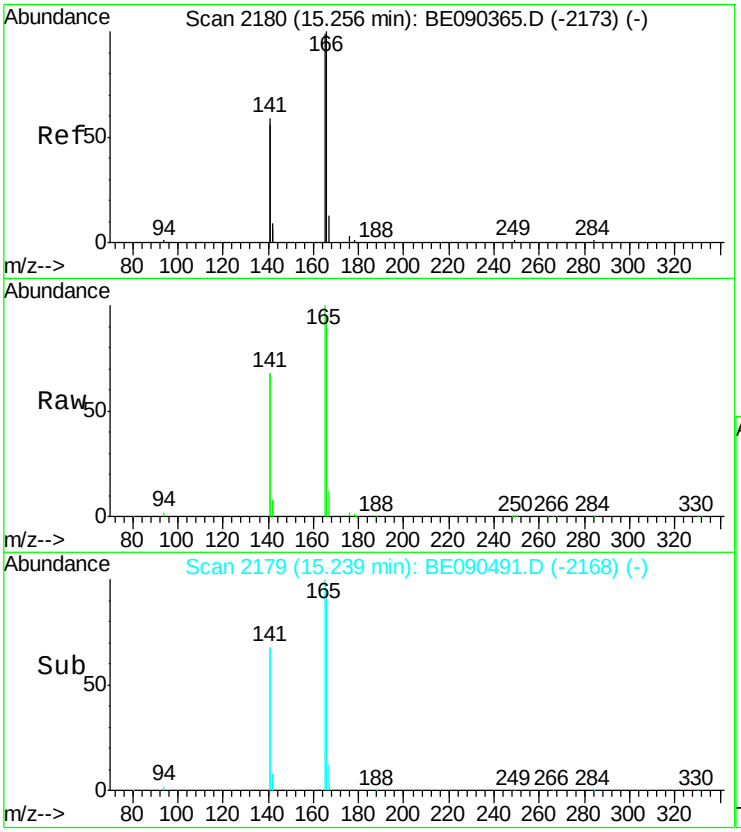


#16
Acenaphthene
Concen: 2.84 ng
RT: 14.25 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Tgt Ion:154 Resp: 39415

Ion	Ratio	Lower	Upper
154	100		
153	462.0	376.2	564.2
152	243.3	235.0	352.4



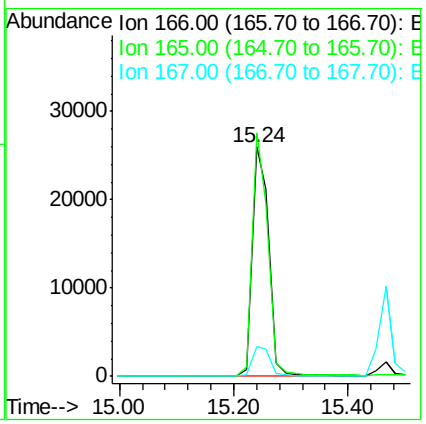


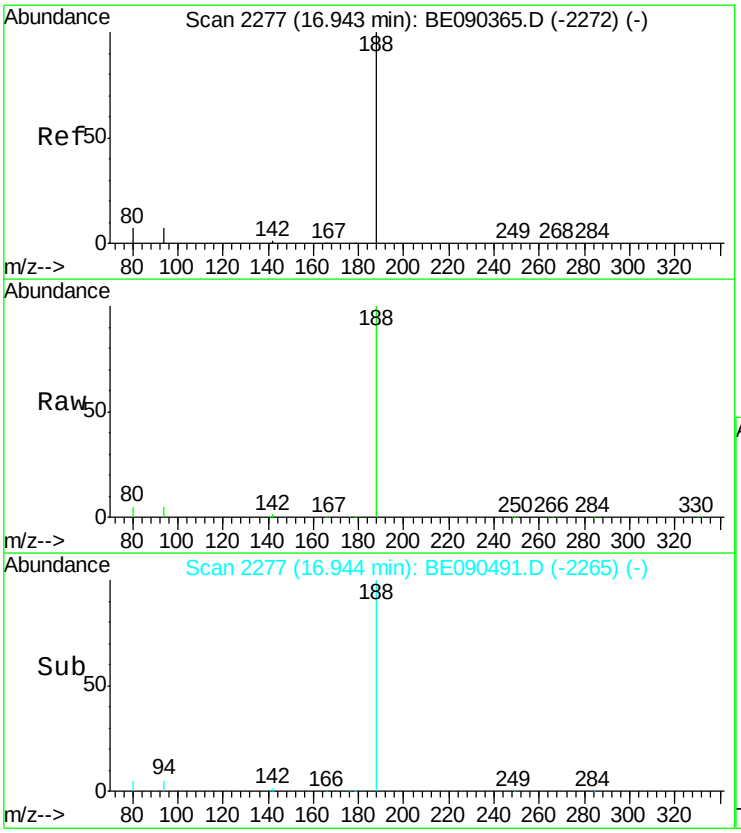
#17
Fluorene
Concen: 2.90 ng
RT: 15.24 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 52261

Ion	Ratio	Lower	Upper
166	100		
165	100.4	81.5	122.3
167	13.8	11.4	17.0

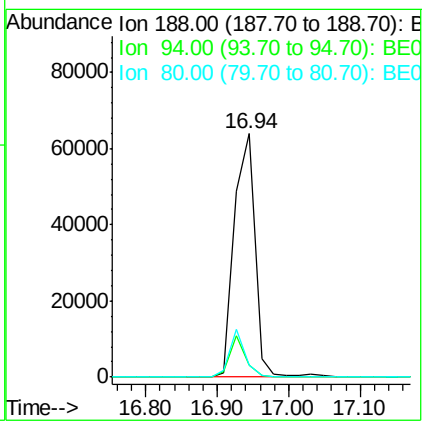


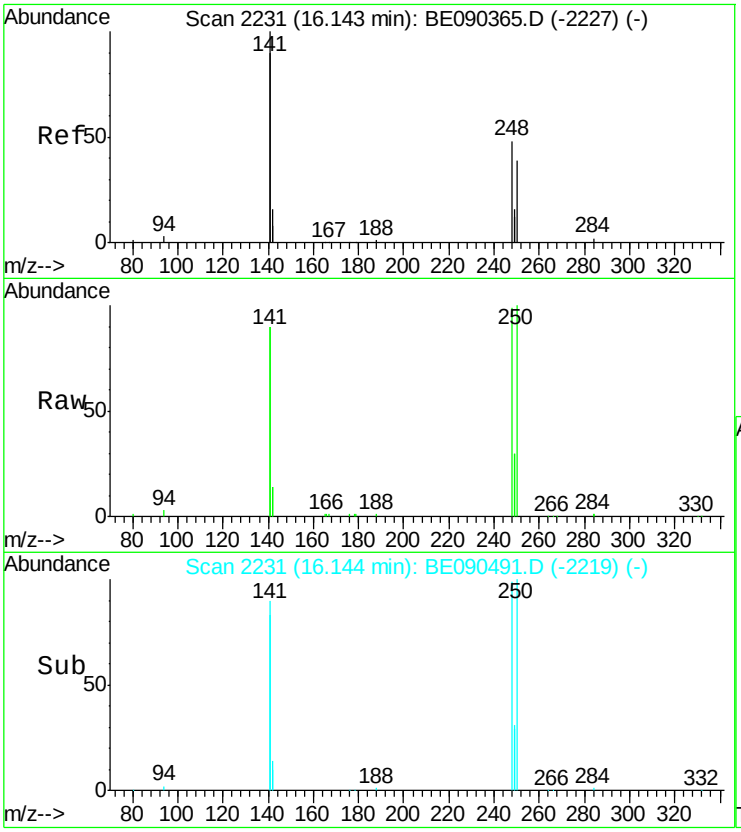


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Tgt Ion:188 Resp: 126609

Ion	Ratio	Lower	Upper
188	100		
94	5.0	5.7	8.5#
80	5.1	5.8	8.8#



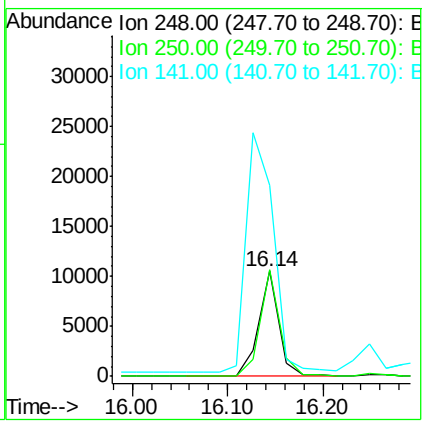


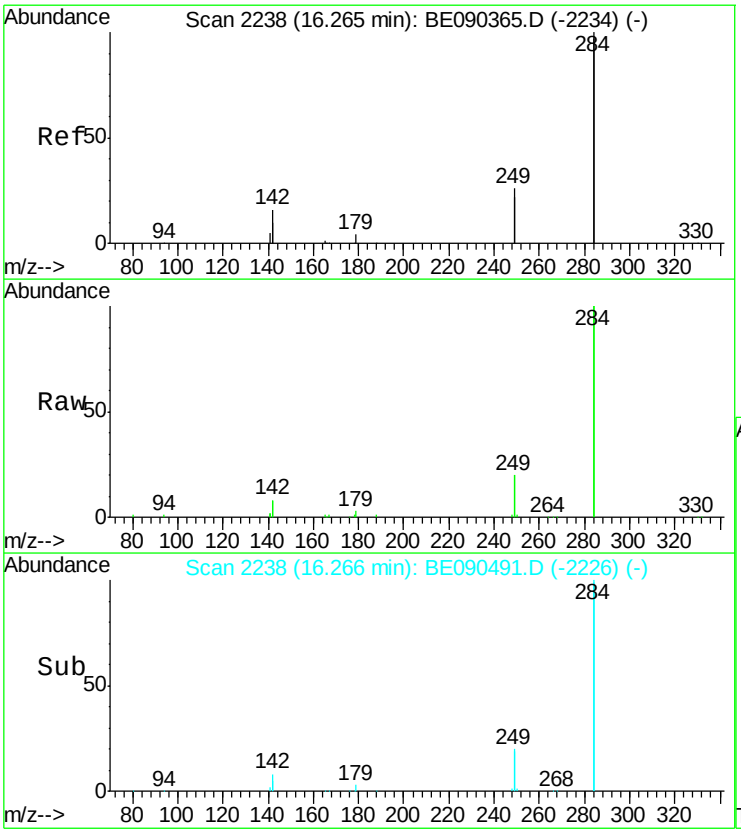
#19
4-Bromophenyl-phenylether
Concen: 3.11 ng
RT: 16.14 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:248 Resp: 15301

Ion	Ratio	Lower	Upper
248	100		
250	97.7	79.0	118.6
141	309.9	239.5	359.3

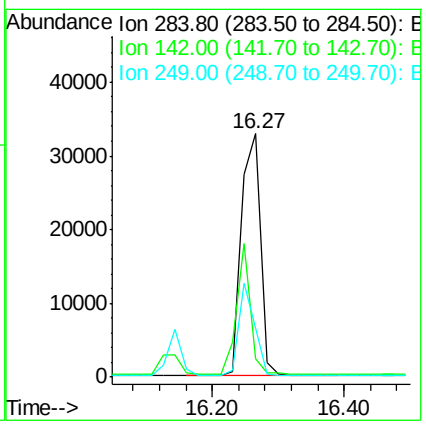


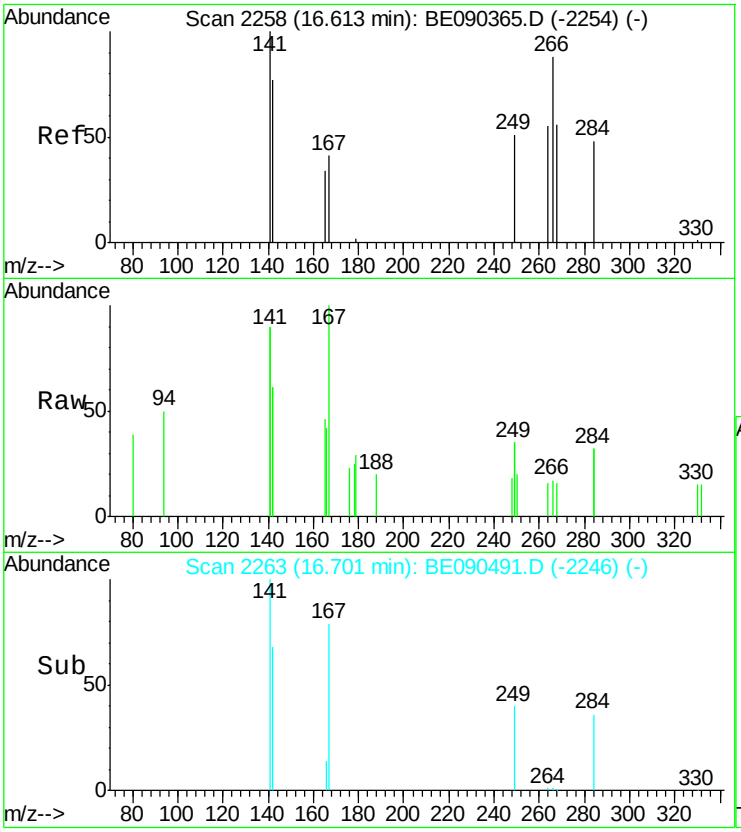


#20
Hexachlorobenzene
Concen: 2.60 ng
RT: 16.27 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Tgt Ion:284 Resp: 66023

Ion	Ratio	Lower	Upper
284	100		
142	39.1	30.1	45.1
249	31.8	25.7	38.5



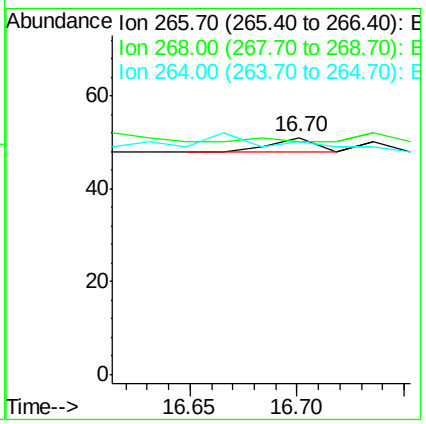


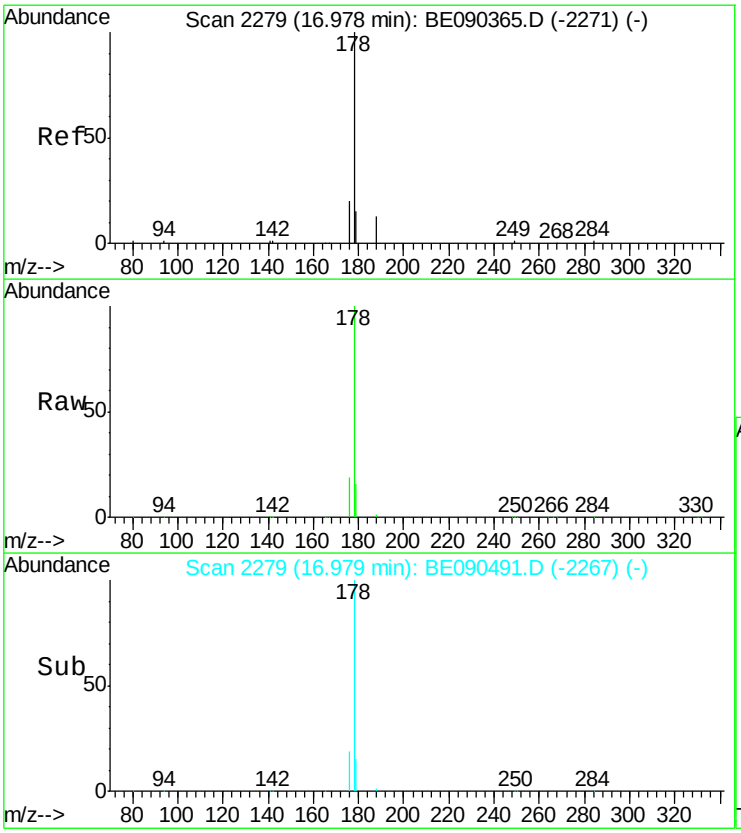
#21
Pentachlorophenol
Concen: 0.09 ng
RT: 16.70 min Scan# 2263
Delta R.T. 0.09 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 4

Ion	Ratio	Lower	Upper
266	100		
268	98.0	58.5	87.7#
264	98.0	56.0	84.0#

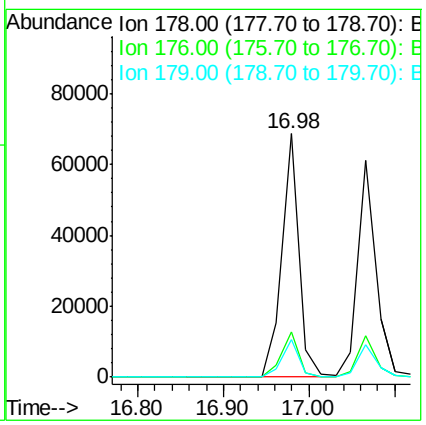


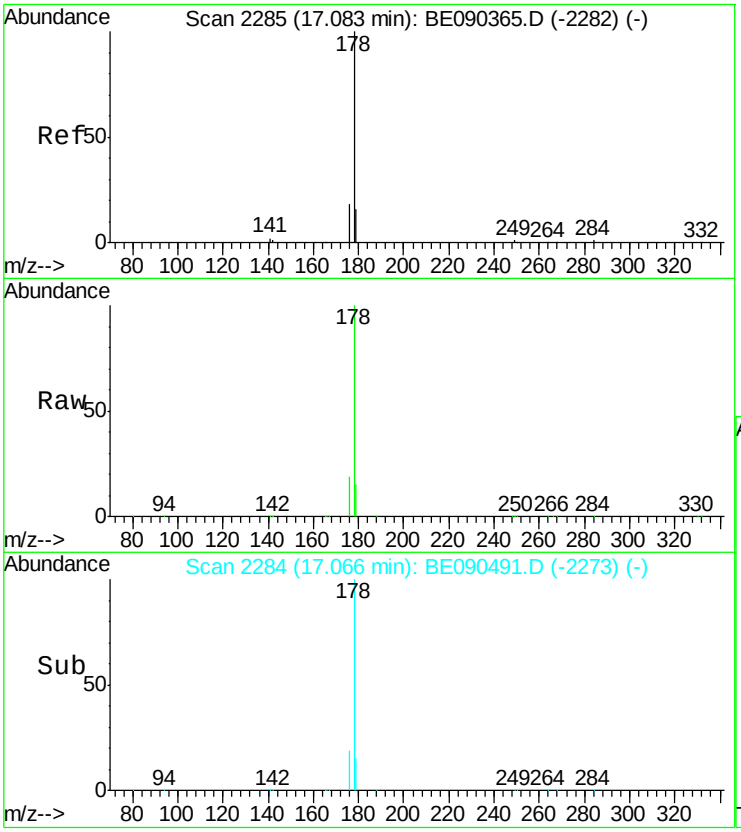


#22
Phenanthrene
Concen: 3.06 ng
RT: 16.98 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Tgt Ion:178 Resp: 96989

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.5	12.5	18.7



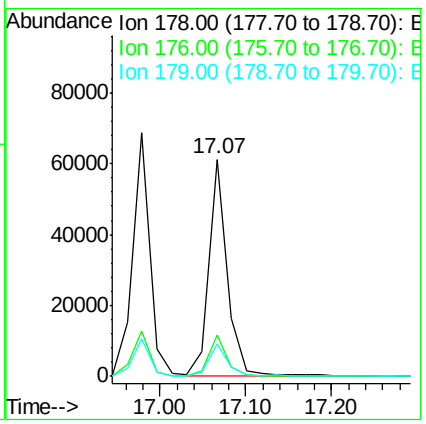


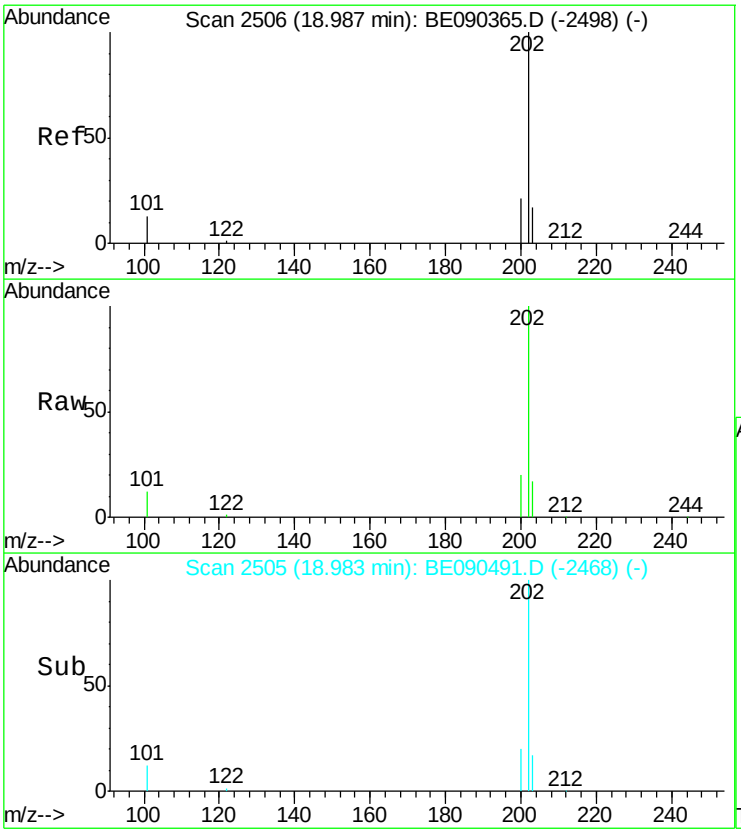
#23
Anthracene
Concen: 3.48 ng
RT: 17.07 min Scan# 2284
Delta R.T. -0.02 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 90509

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.4	12.2	18.4

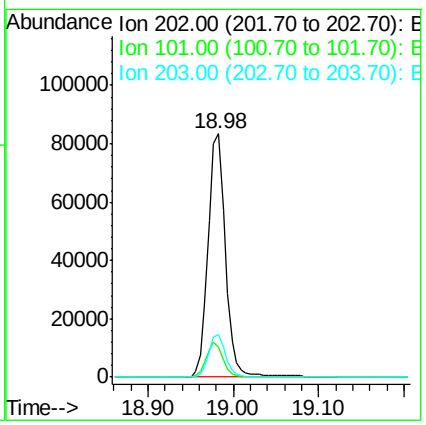


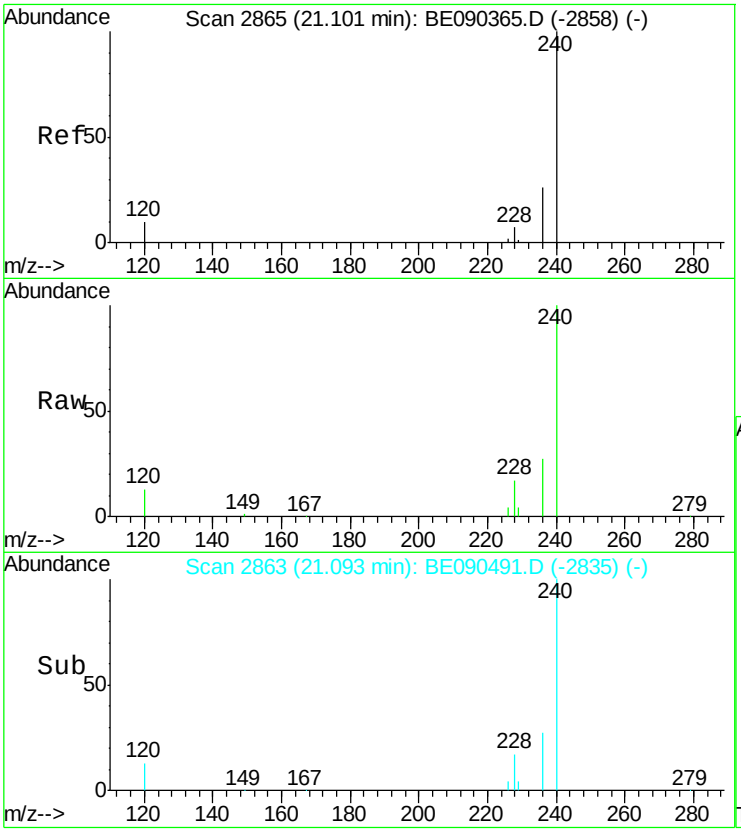


#24
Fluoranthene
Concen: 3.72 ng
RT: 18.98 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Tgt Ion:202 Resp: 115900

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



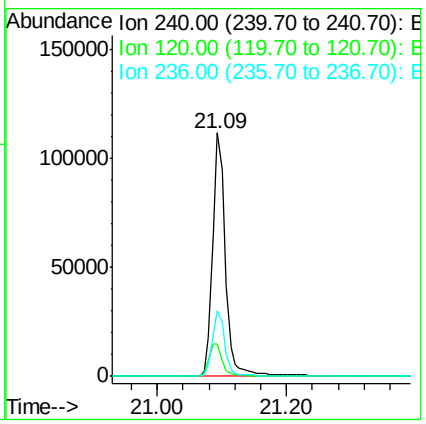


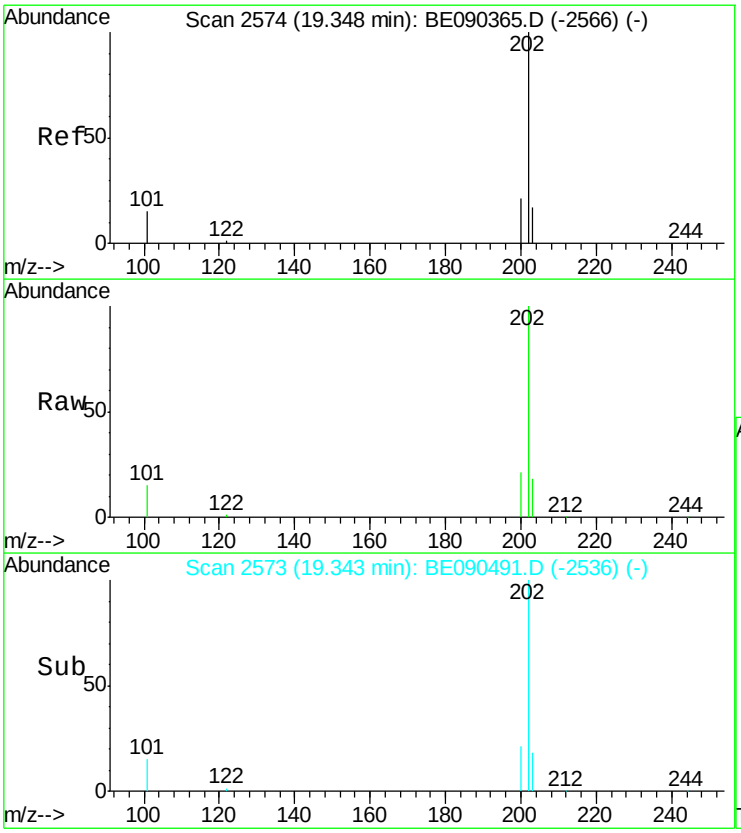
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 152222

Ion	Ratio	Lower	Upper
240	100		
120	13.1	8.3	12.5#
236	27.1	21.0	31.4

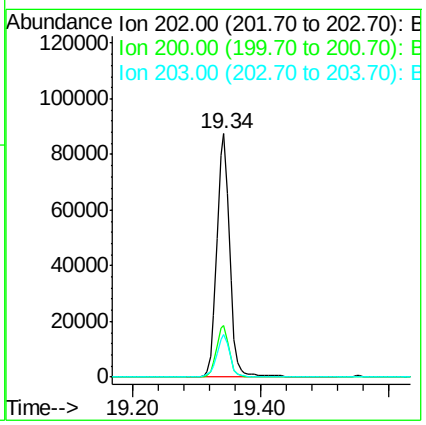


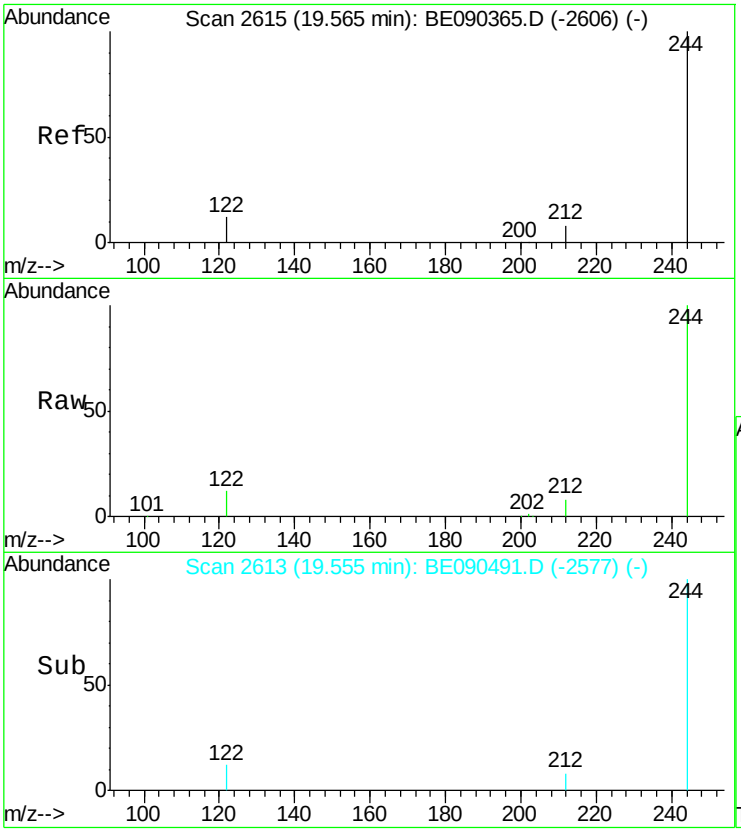


#26
Pyrene
Concen: 3.65 ng
RT: 19.34 min Scan# 2573
Delta R.T. -0.00 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Tgt Ion:202 Resp: 120467

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	18.0	13.8	20.8



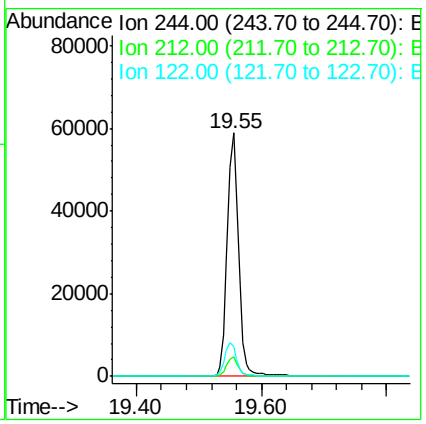


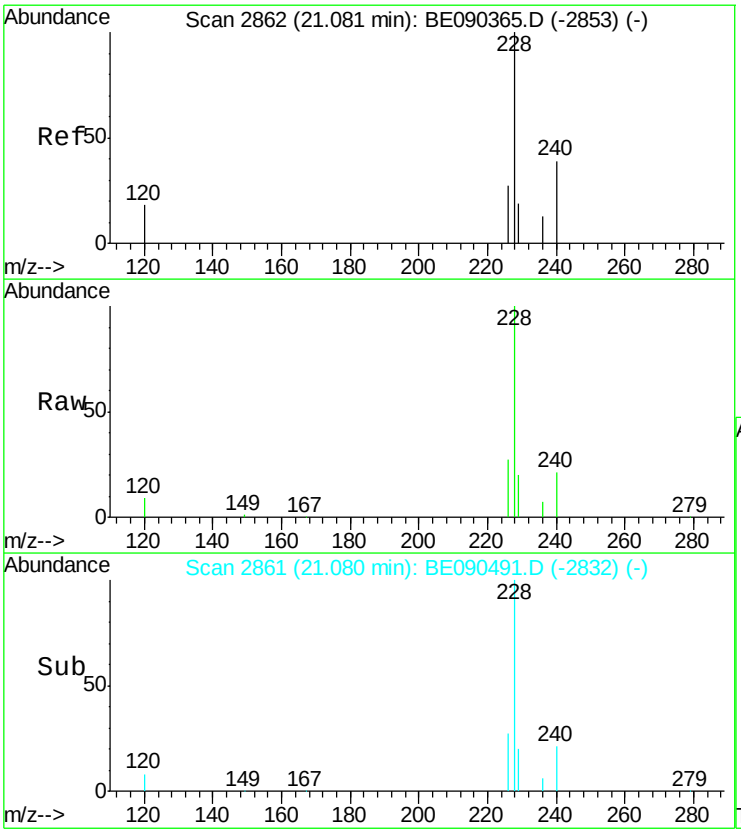
#27
Terphenyl-d14
Concen: 3.34 ng
RT: 19.55 min Scan# 2613
Delta R.T. -0.01 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 74835

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	9.8
122	12.3	10.2	15.4

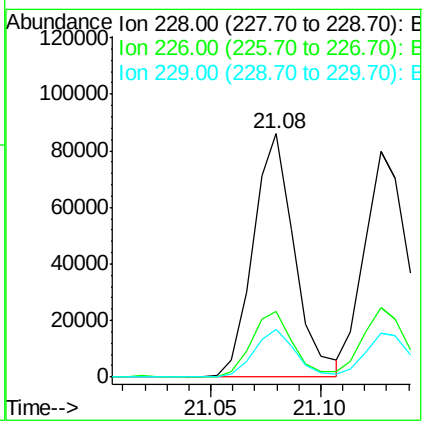


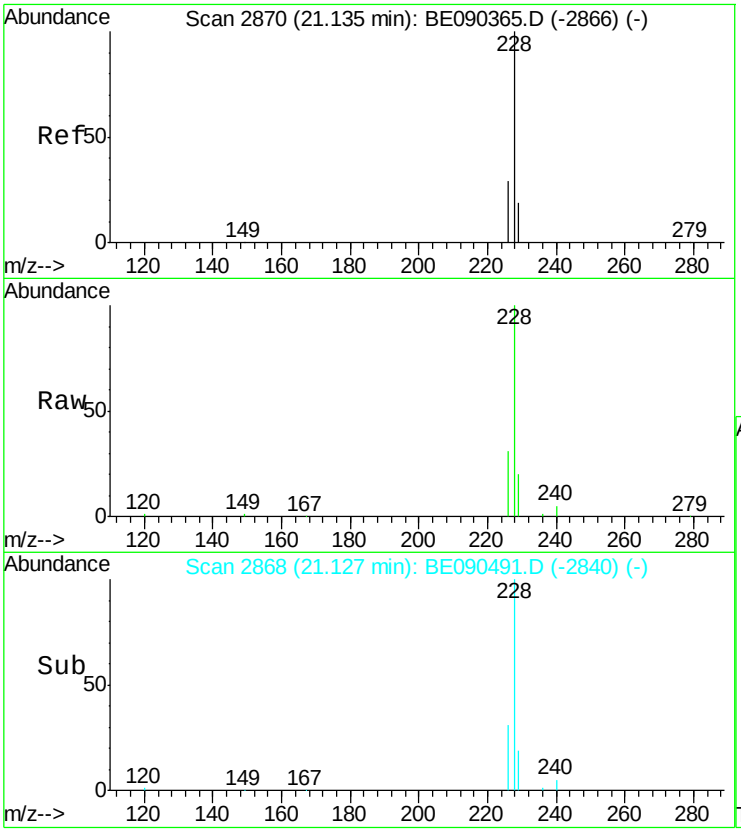


#28
Benzo(a)anthracene
Concen: 3.35 ng
RT: 21.08 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Tgt Ion:228 Resp: 112869

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.9	32.9
229	19.8	15.4	23.0



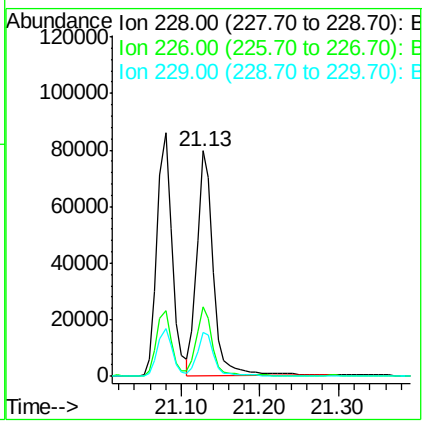


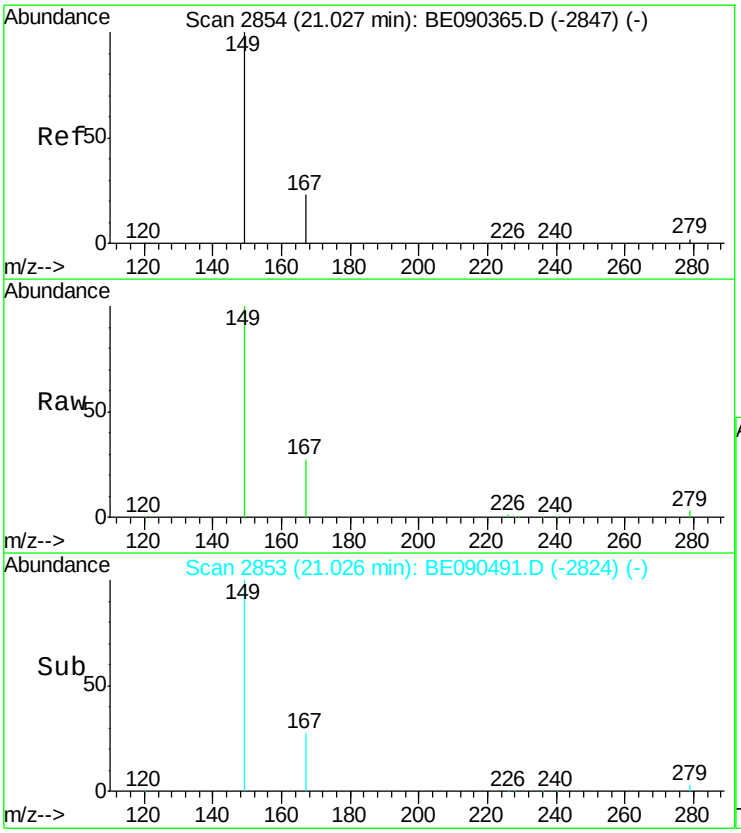
#29
Chrysene
Concen: 2.84 ng
RT: 21.13 min Scan# 2868
Delta R.T. -0.01 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 115934

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.1	34.7
229	19.5	15.8	23.8

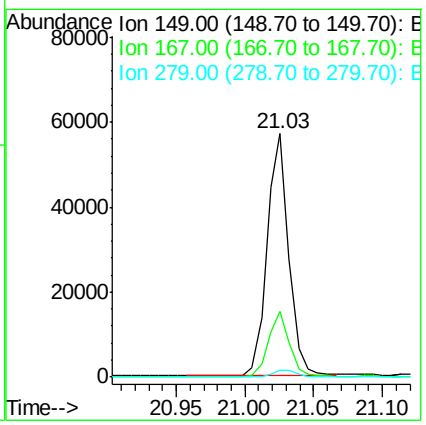


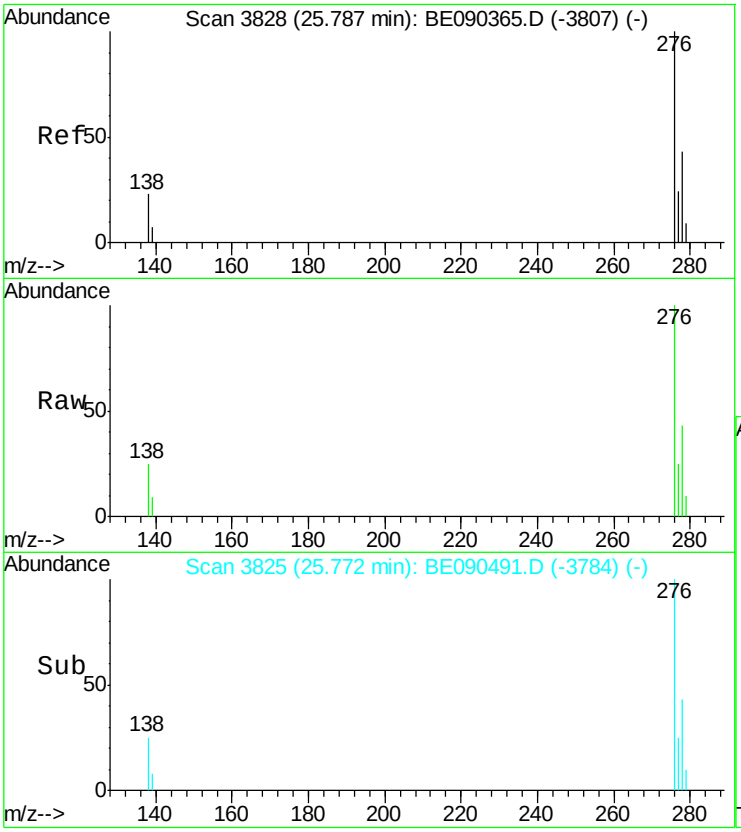


#30
Bis(2-ethylhexyl)phthalate
Concen: 5.08 ng
RT: 21.03 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Tgt Ion:149 Resp: 62373

Ion	Ratio	Lower	Upper
149	100		
167	25.9	19.8	29.8
279	3.1	2.4	3.6



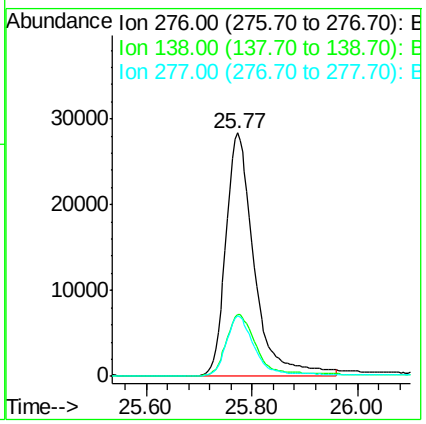


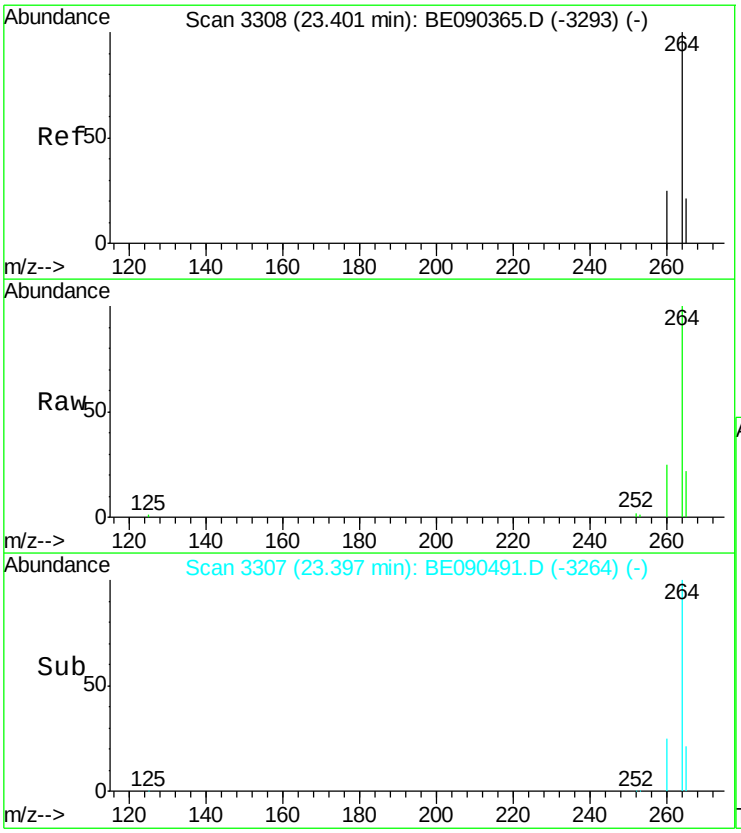
#31
Indeno(1,2,3-cd)pyrene
Concen: 2.97 ng
RT: 25.77 min Scan# 3825
Delta R.T. -0.01 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 105188

Ion	Ratio	Lower	Upper
276	100		
138	27.0	18.8	28.2
277	24.7	18.2	27.4

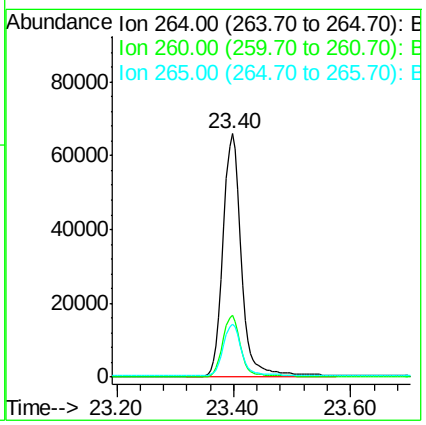


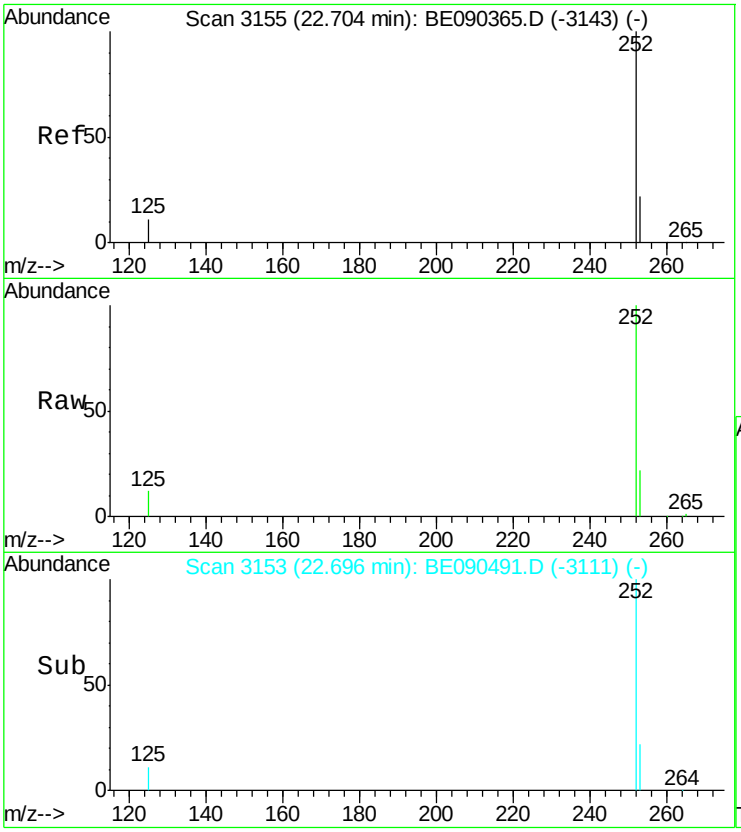


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3307
Delta R.T. -0.00 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Tgt Ion:264 Resp: 143486

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.1	30.1
265	21.7	17.2	25.8



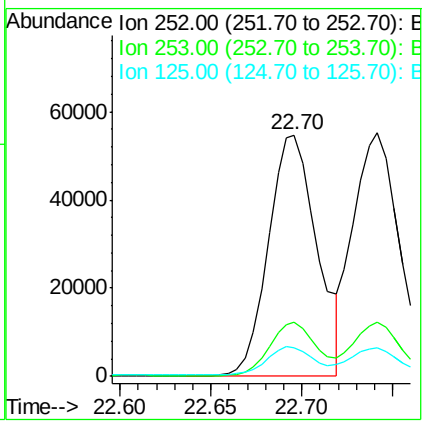


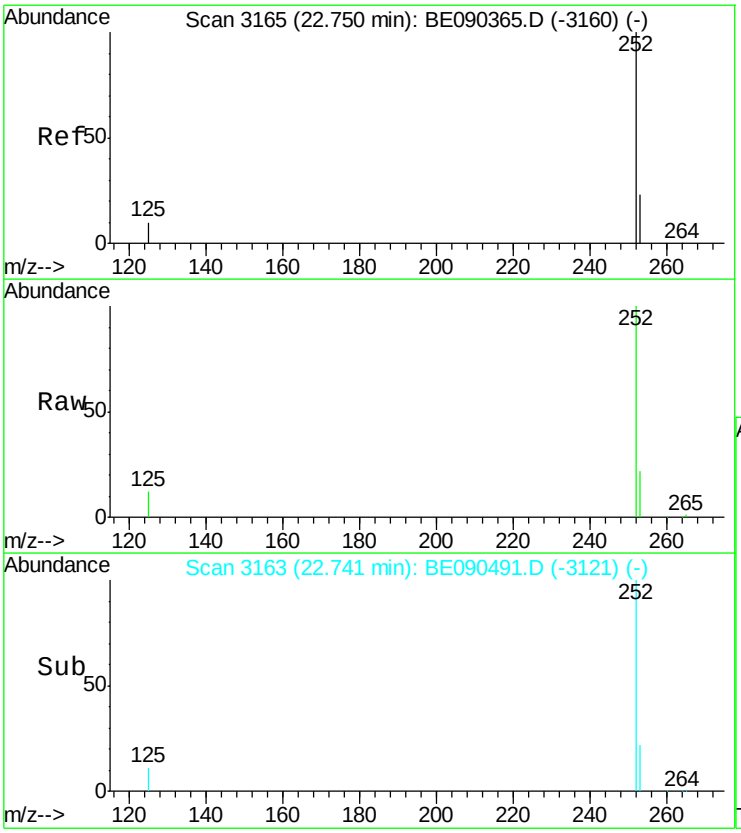
#33
Benzo(b)fluoranthene
Concen: 3.20 ng
RT: 22.70 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 101492

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	11.8	9.4	14.2

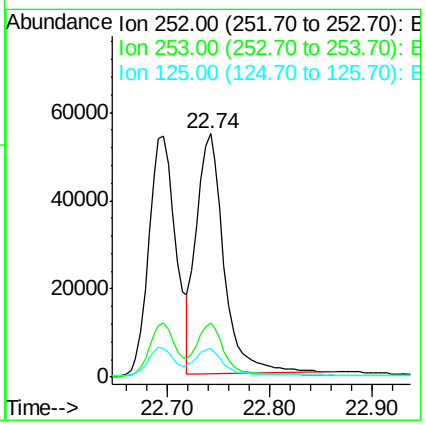


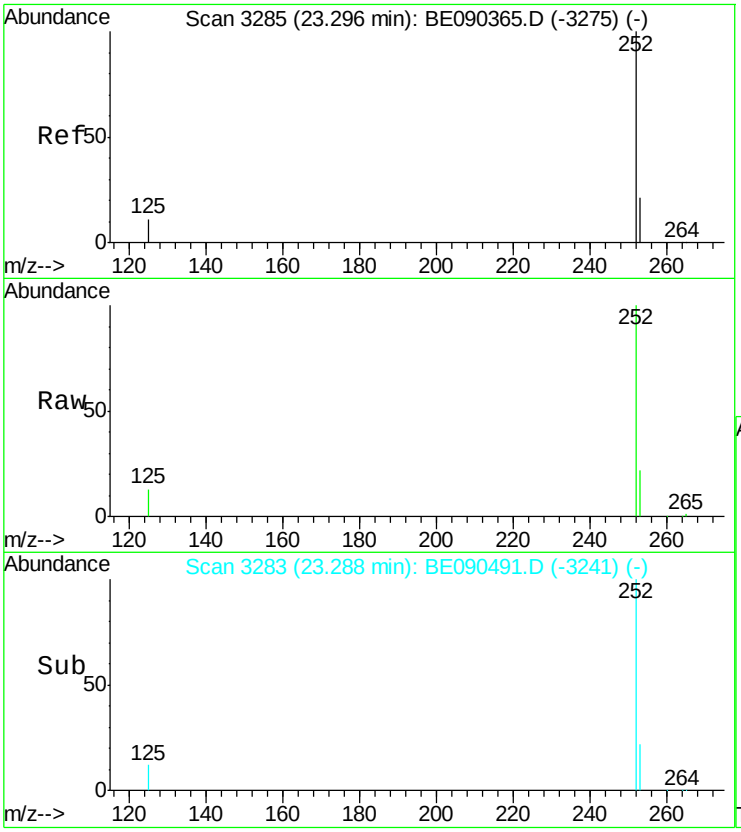


#34
Benzo(k)fluoranthene
Concen: 2.56 ng
RT: 22.74 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Tgt Ion:252 Resp: 102392

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	11.8	9.1	13.7



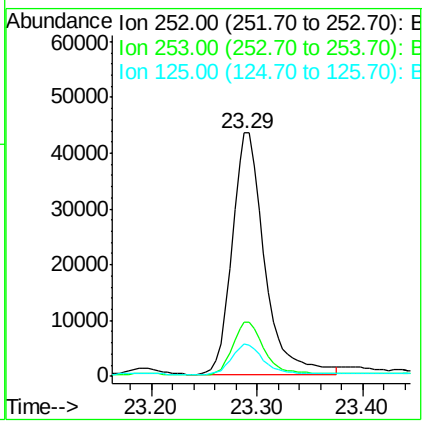


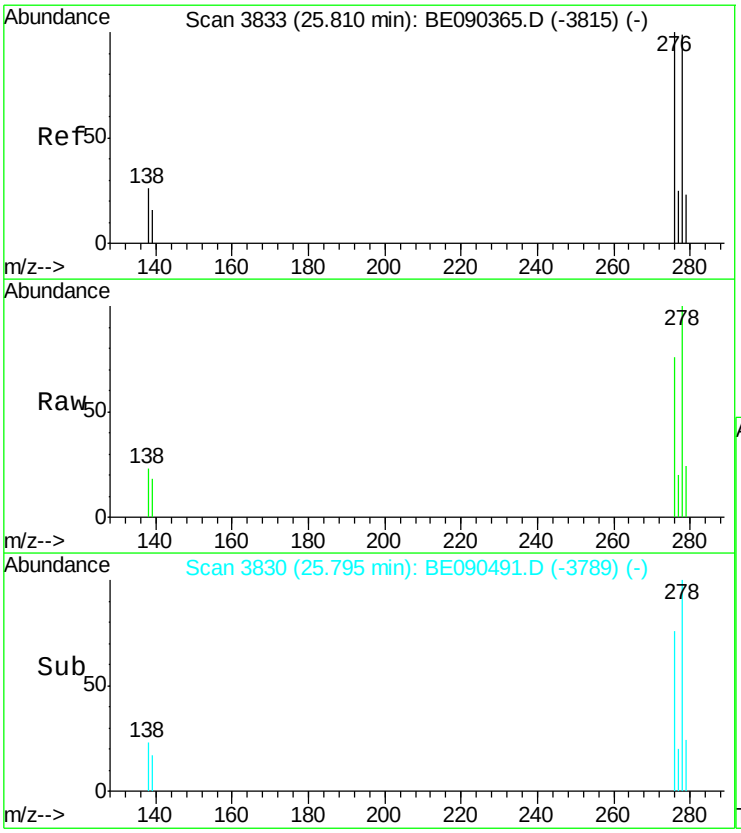
#35
Benzo(a)pyrene
Concen: 3.10 ng
RT: 23.29 min Scan# 3283
Delta R.T. -0.01 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 92279

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	13.1	9.8	14.6

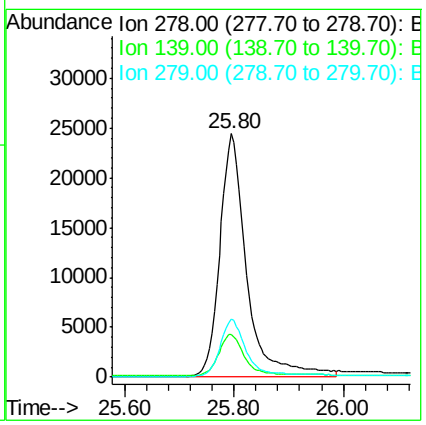


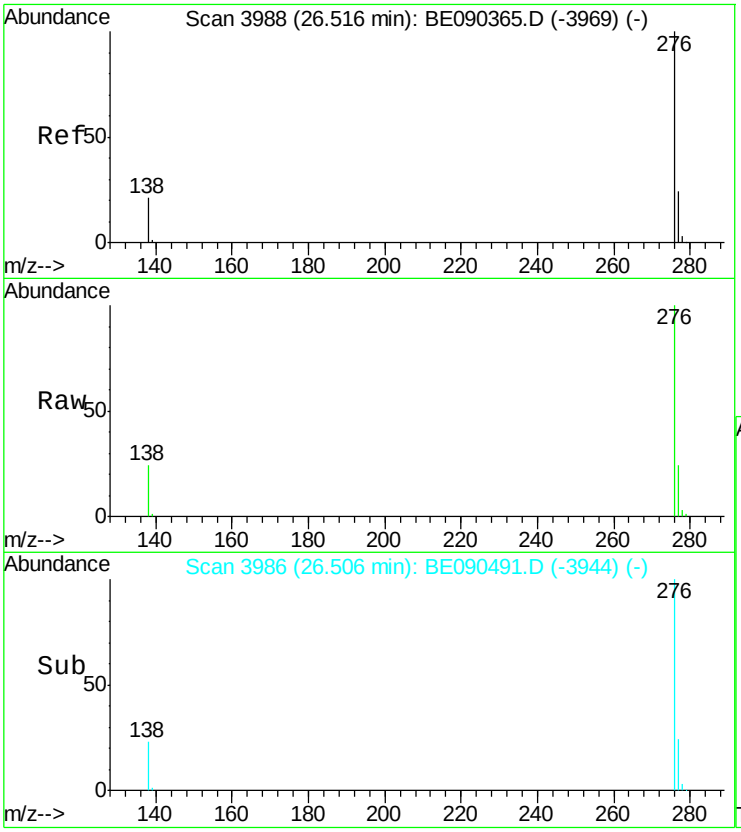


#36
Dibenzo(a,h)anthracene
Concen: 2.88 ng
RT: 25.80 min Scan# 3830
Delta R.T. -0.01 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Tgt Ion:278 Resp: 82675

Ion	Ratio	Lower	Upper
278	100		
139	17.7	14.2	21.4
279	23.8	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 3.53 ng
RT: 26.51 min Scan# 3986
Delta R.T. -0.01 min
Lab File: BE090491.D
Acq: 13 Aug 2015 5:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 93547

Ion	Ratio	Lower	Upper
276	100		
277	24.0	20.1	30.1
138	23.8	18.1	27.1