Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090115\
Data File : BE090678.D
Acq On : 1 Sep 2015 22:21
Operator : UM/IZ
Sample : G3462-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 02 03:04:08 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 01:57:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	46704	5.00	ng		0.00
6) Naphthalene-d8	10.32	136	200446	5.00	ng		0.00
12) Acenaphthene-d10	14.17	164	105470	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	277511	5.00	ng		0.00
25) Chrysene-d12	21.07	240	351139	5.00	ng		0.00
32) Perylene-d12	23.36	264	318665	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	16794	1.86	ng		0.00
5) Phenol-d6	6.76	99	13050	1.00	ng		0.00
7) Nitrobenzene-d5	8.72	82	34084	2.57	ng		0.01
13) 2,4,6-Tribromophenol	15.68	330	20740	6.72	ng		0.00
14) 2-Fluorobiphenyl	12.80	172	82780	2.83	ng		0.00
27) Terphenyl-d14	19.53	244	216453	5.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	163	Below Cal		#	57
3) n-Nitrosodimethylamine	3.45	42	59	Below Cal		#	39
8) Nitrobenzene	8.73	77	134	0.12	ng	#	64
9) Naphthalene	10.36	128	542	0.01	ng	#	50
10) Hexachlorobutadiene	10.68	225	9	0.00	ng	#	78
11) 2-Methylnaphthalene	12.01	142	208	0.01	ng	#	74
15) Acenaphthylene	13.89	152	2225	0.01	ng		97
16) Acenaphthene	14.23	154	1052	0.04	ng		90
17) Fluorene	15.24	166	1358	0.04	ng	#	91
19) 4-Bromophenyl-phenylether	16.09	248	32	0.00	ng	#	1
20) Hexachlorobenzene	16.23	284	127	Below Cal		#	37
21) Pentachlorophenol	16.60	266	170	Below Cal		#	62
22) Phenanthrene	16.95	178	25947	0.38	ng		99
23) Anthracene	17.05	178	6225	0.11	ng		96
24) Fluoranthene	18.96	202	65390	0.90	ng		99
26) Pyrene	19.32	202	61188	0.84	ng		96
28) Benzo(a)anthracene	21.06	228	30182	0.38	ng		98
29) Chrysene	21.11	228	30895	0.31	ng		98
30) Bis(2-ethylhexyl)phthalate	21.01	149	4579	0.29	ng		95
31) Indeno(1,2,3-cd)pyrene	25.73	276	13597	0.16	ng		92
33) Benzo(b)fluoranthene	22.67	252	32730	0.47	ng		98
34) Benzo(k)fluoranthene	22.67	252	32730	0.41	ng		97
35) Benzo(a)pyrene	23.26	252	19614	0.32	ng		95
36) Dibenzo(a,h)anthracene	25.73	278	3019	0.18	ng	#	83
37) Benzo(g,h,i)perylene	26.45	276	15163	0.21	ng		95

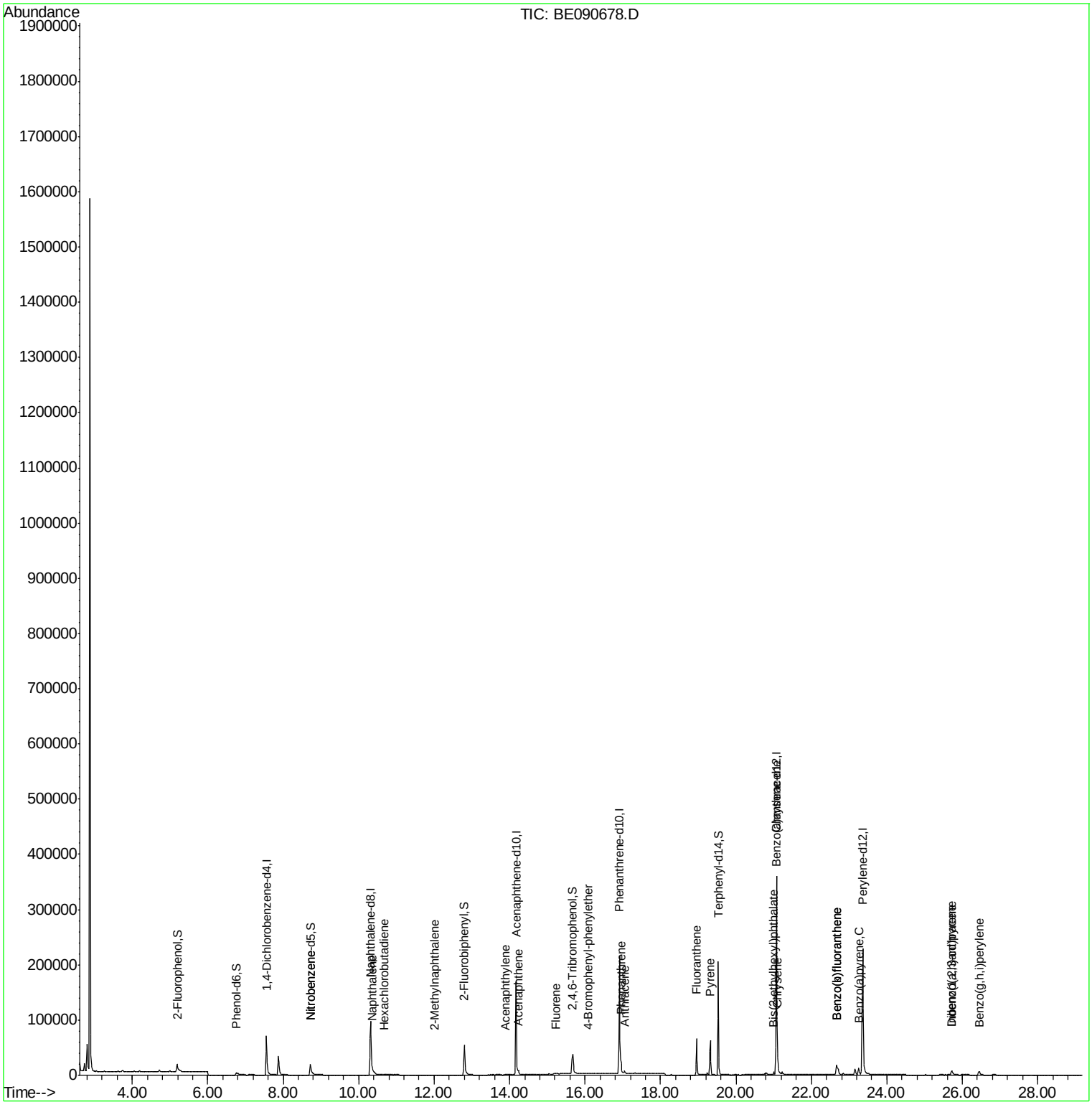
(#) = qualifier out of range (m) = manual integration (+) = signals summed

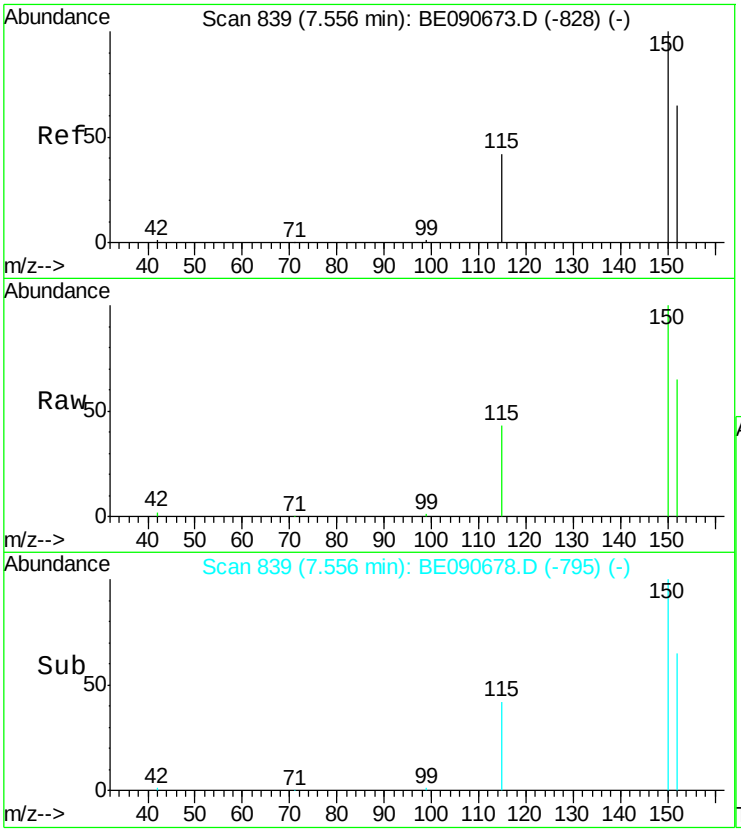
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090115\
Data File : BE090678.D
Acq On : 1 Sep 2015 22:21
Operator : UM/IZ
Sample : G3462-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 02 03:04:08 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 01:57:39 2015
Response via : Initial Calibration



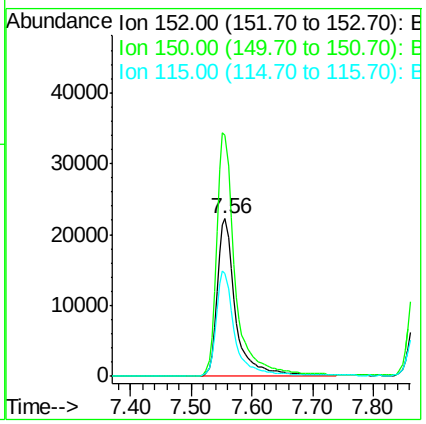


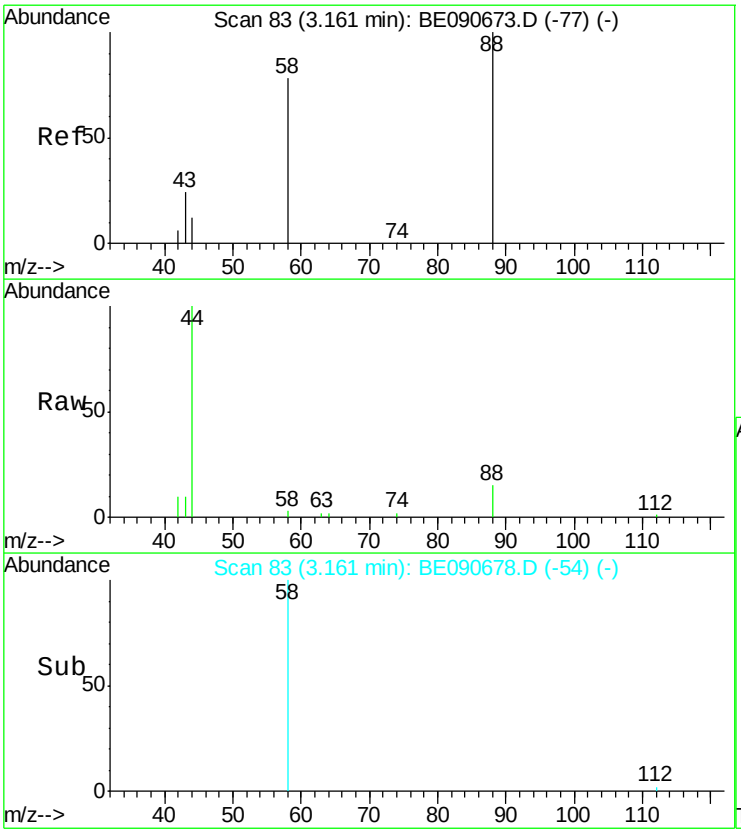
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.56 min Scan# 839
Delta R.T. -0.00 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 46704

Ion	Ratio	Lower	Upper
152	100		
150	153.1	122.2	183.4
115	65.1	51.0	76.4

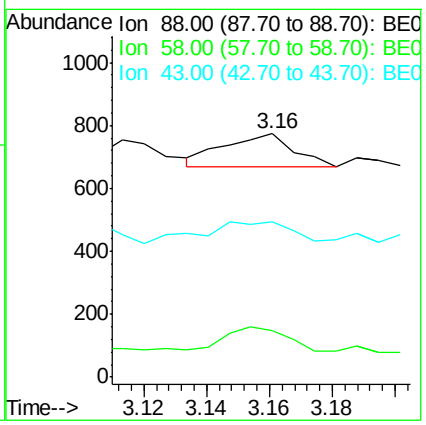


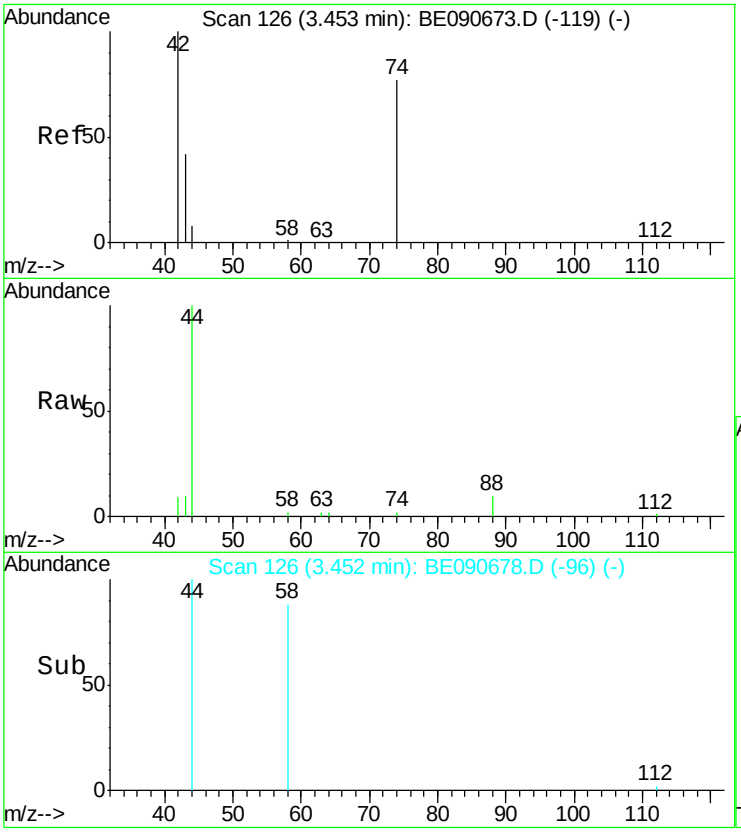


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.16 min Scan# 83
Delta R.T. -0.00 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Tgt Ion: 88 Resp: 163

Ion	Ratio	Lower	Upper
88	100		
58	63.2	68.4	102.6#
43	85.3	26.9	40.3#



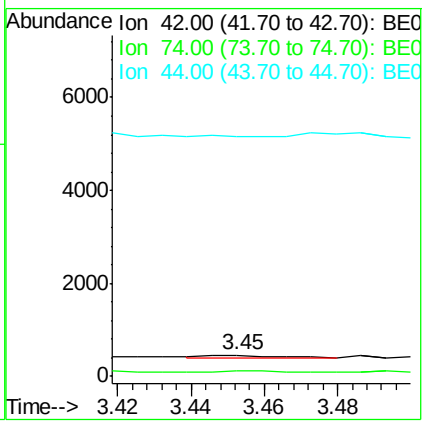


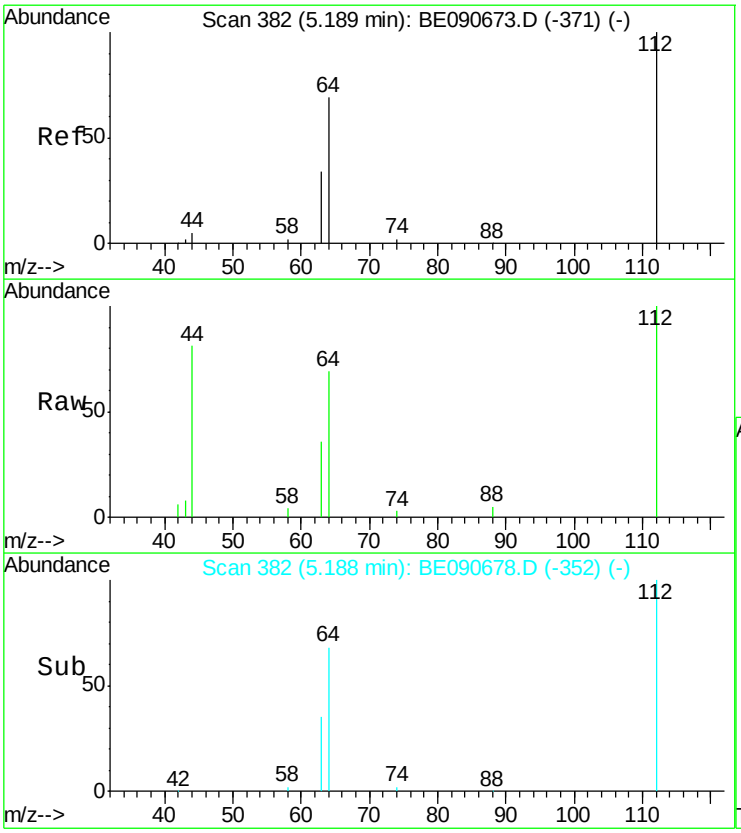
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.45 min Scan# 126
Delta R.T. 0.00 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 59

Ion	Ratio	Lower	Upper
42	100		
74	39.0	83.7	125.5#
44	0.0	10.0	15.0#

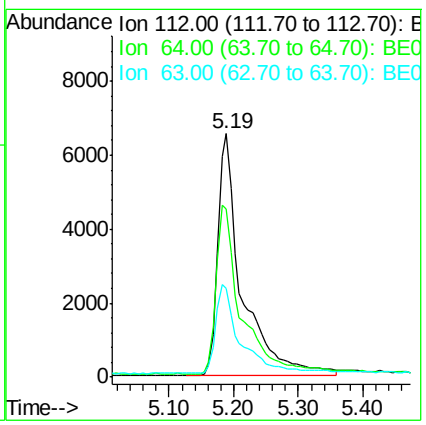


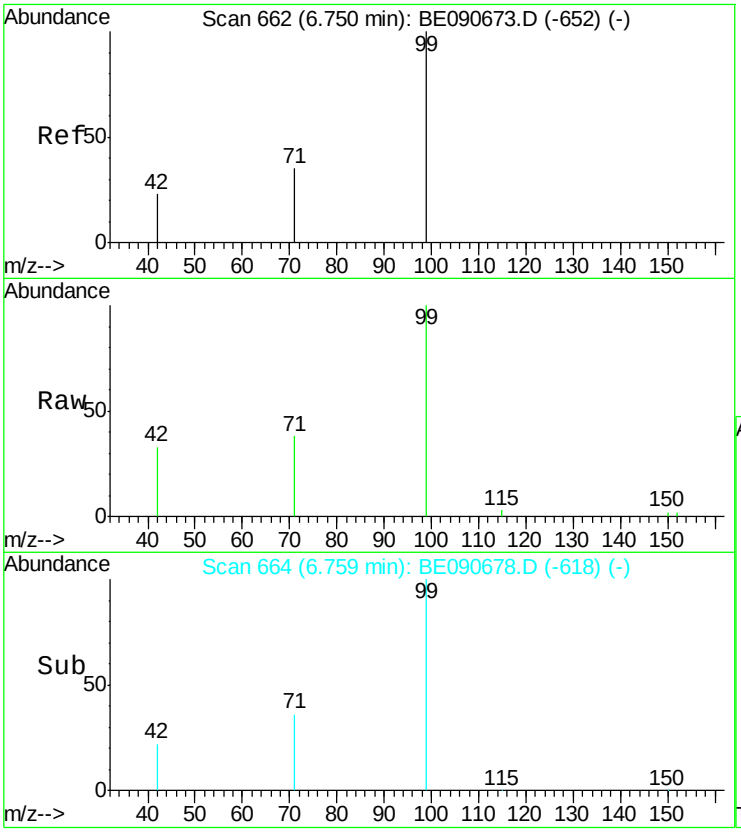


#4
2-Fluorophenol
Concen: 1.86 ng
RT: 5.19 min Scan# 382
Delta R.T. 0.00 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Tgt Ion:112 Resp: 16794

Ion	Ratio	Lower	Upper
112	100		
64	73.1	57.3	85.9
63	37.7	29.2	43.8



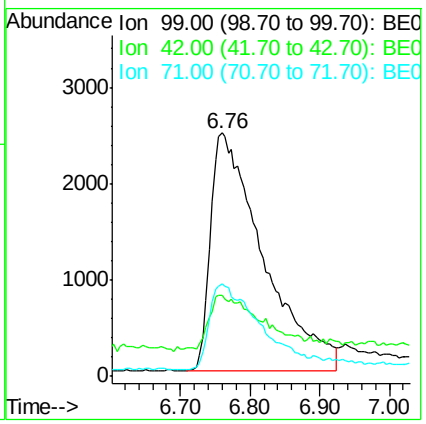


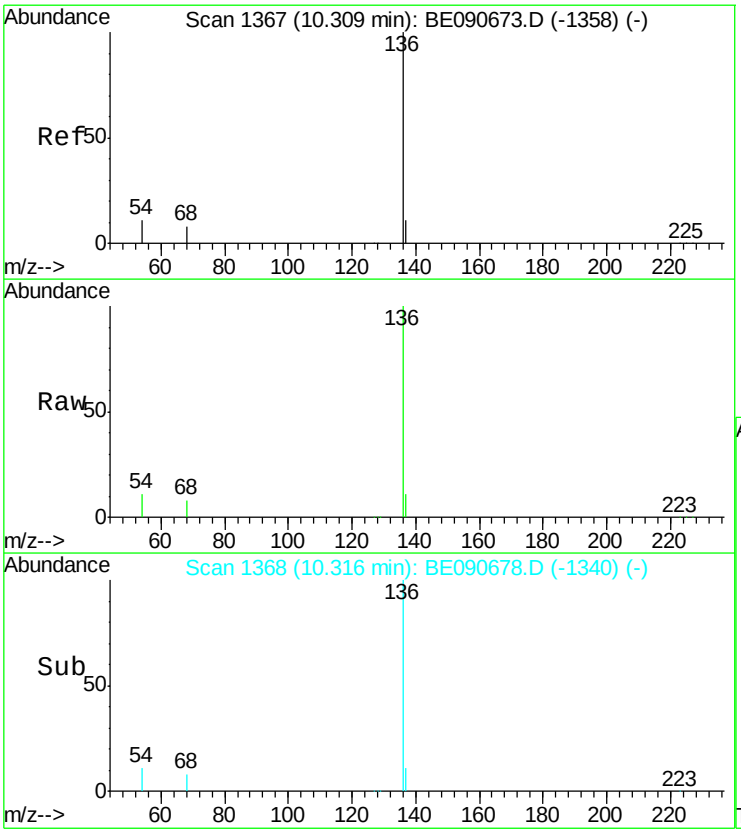
#5
Phenol-d6
Concen: 1.00 ng
RT: 6.76 min Scan# 664
Delta R.T. 0.01 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 13050

Ion	Ratio	Lower	Upper
99	100		
42	21.3	16.8	25.2
71	34.5	28.3	42.5

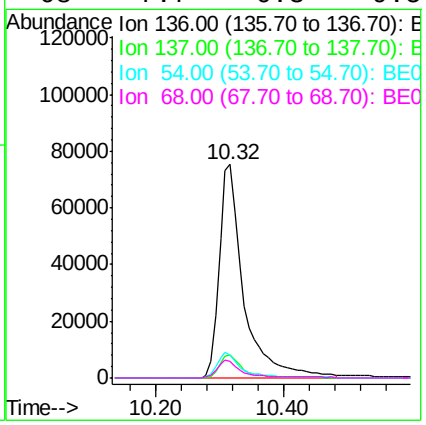


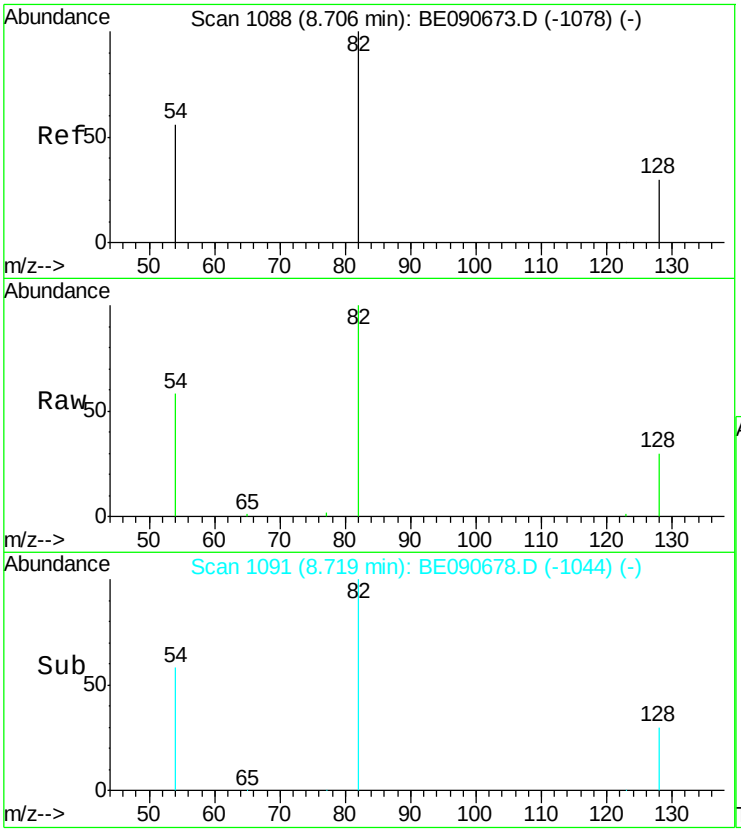


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.32 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Tgt Ion:136 Resp: 200446

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.7	9.0	13.6
68	7.7	6.3	9.5



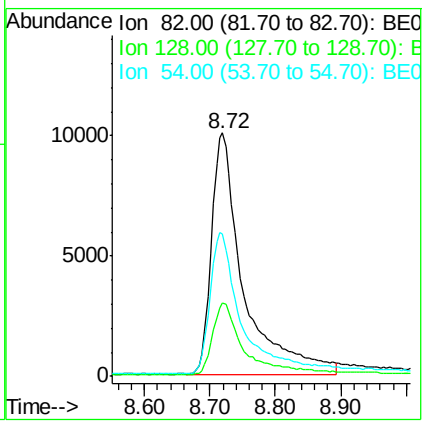


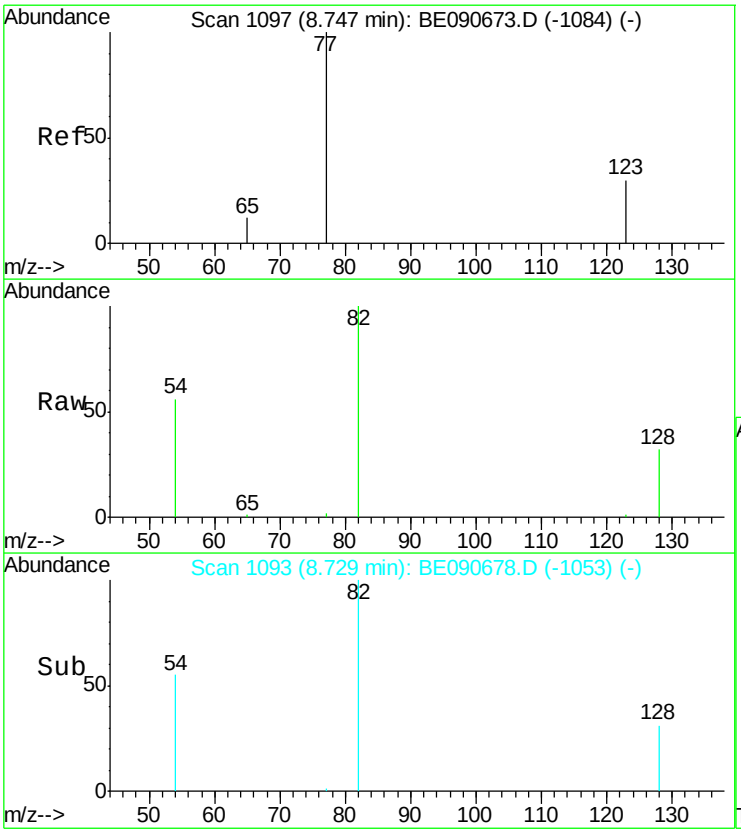
#7
Nitrobenzene-d5
Concen: 2.57 ng
RT: 8.72 min Scan# 1091
Delta R.T. 0.01 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 34084

Ion	Ratio	Lower	Upper
82	100		
128	29.9	25.0	37.4
54	58.3	46.3	69.5

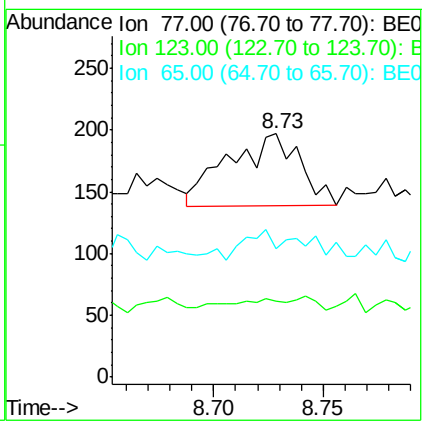


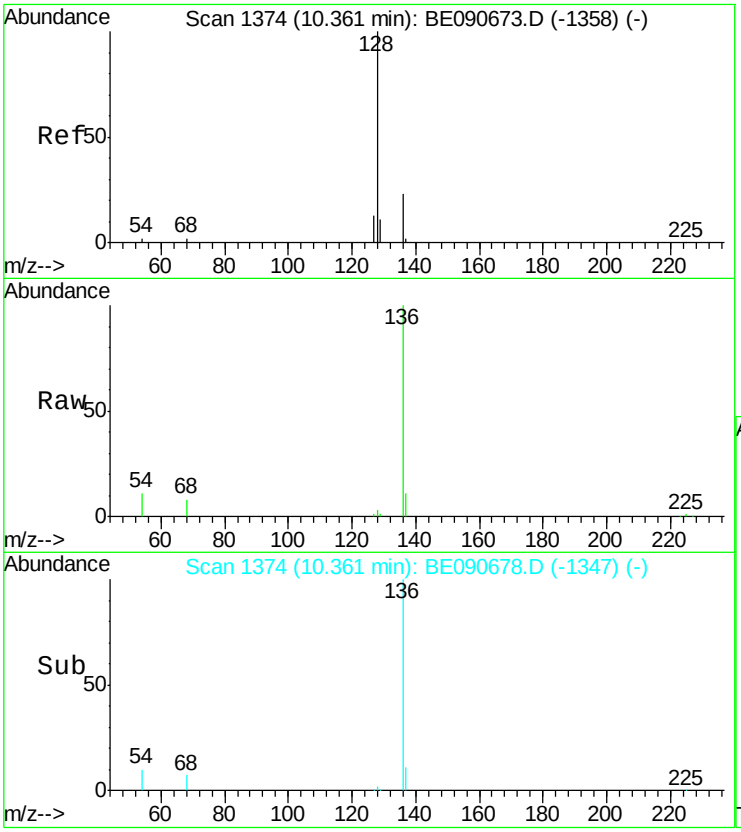


#8
Nitrobenzene
Concen: 0.12 ng
RT: 8.73 min Scan# 1093
Delta R.T. -0.02 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Tgt Ion: 77 Resp: 134

Ion	Ratio	Lower	Upper
77	100		
123	7.5	25.1	37.7#
65	19.4	9.9	14.9#



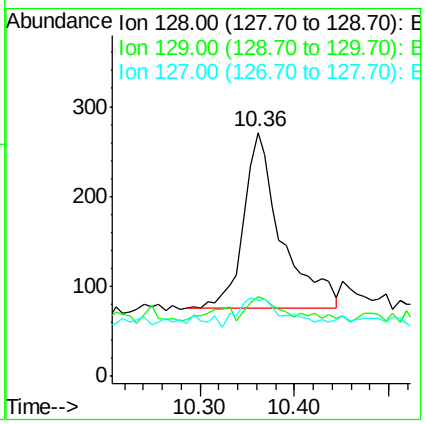


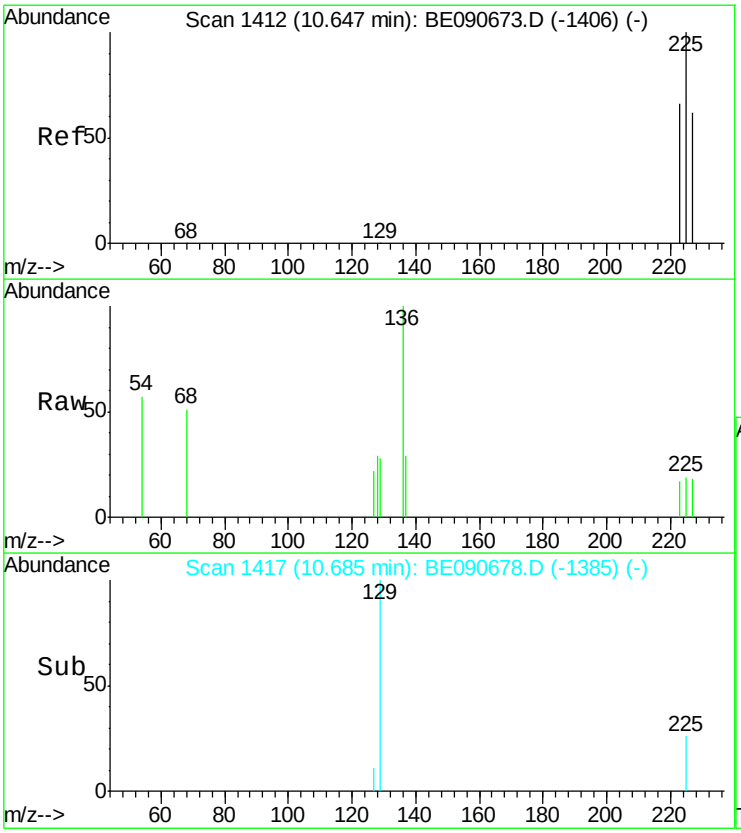
#9
Naphthalene
Concen: 0.01 ng
RT: 10.36 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 542

Ion	Ratio	Lower	Upper
128	100		
129	32.8	9.0	13.6#
127	31.0	10.6	15.8#

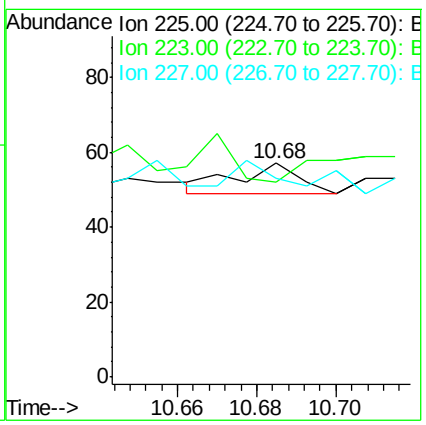


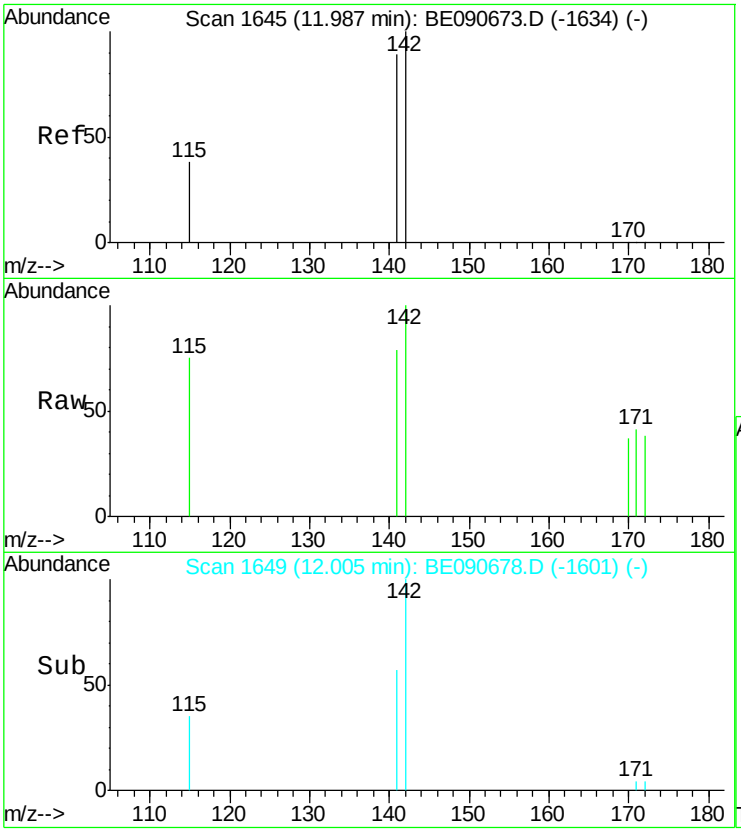


#10
Hexachlorobutadiene
Concen: 0.00 ng
RT: 10.68 min Scan# 1417
Delta R.T. 0.04 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Tgt Ion:225 Resp: 9

Ion	Ratio	Lower	Upper
225	100		
223	88.9	50.6	76.0#
227	55.6	51.0	76.6



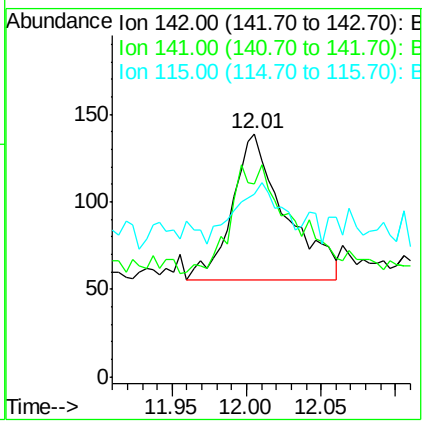


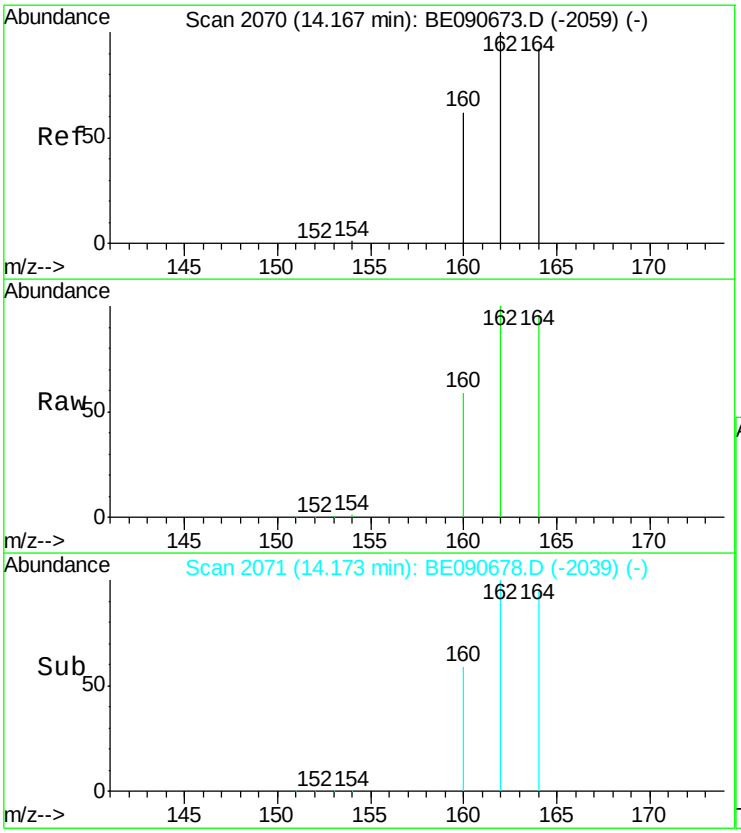
#11
2-Methylnaphthalene
Concen: 0.01 ng
RT: 12.01 min Scan# 1649
Delta R.T. 0.02 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 208

Ion	Ratio	Lower	Upper
142	100		
141	79.1	71.4	107.2
115	74.8	31.0	46.4#

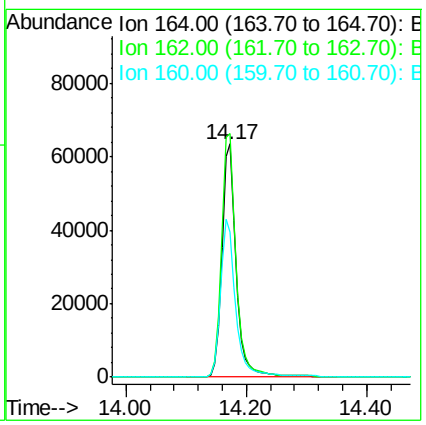


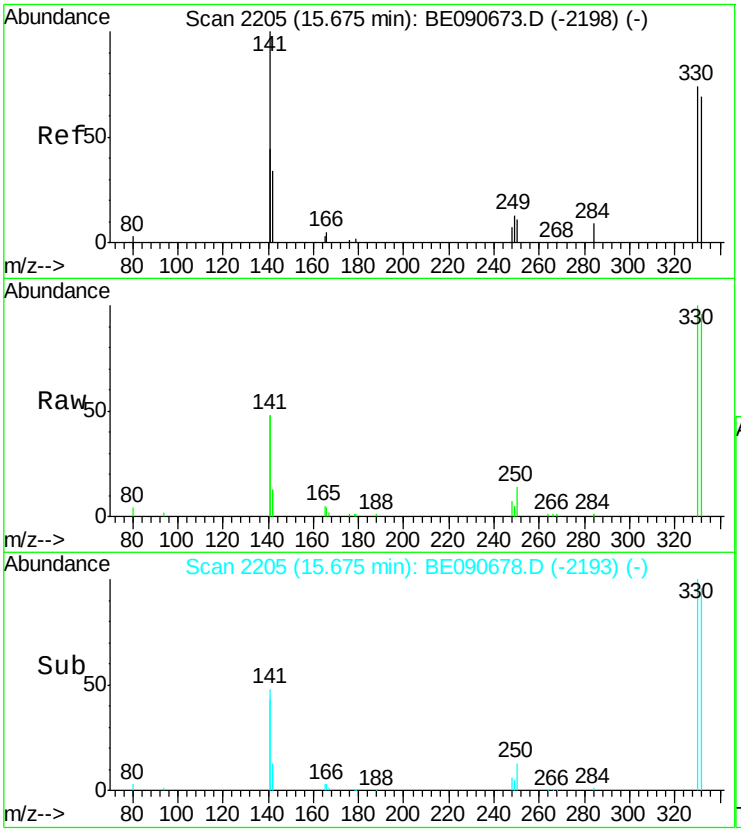


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2071
Delta R.T. 0.01 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Tgt Ion:164 Resp: 105470

Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.8	130.2
160	62.2	53.9	80.9



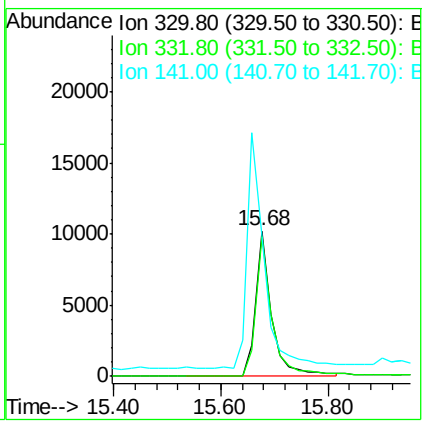


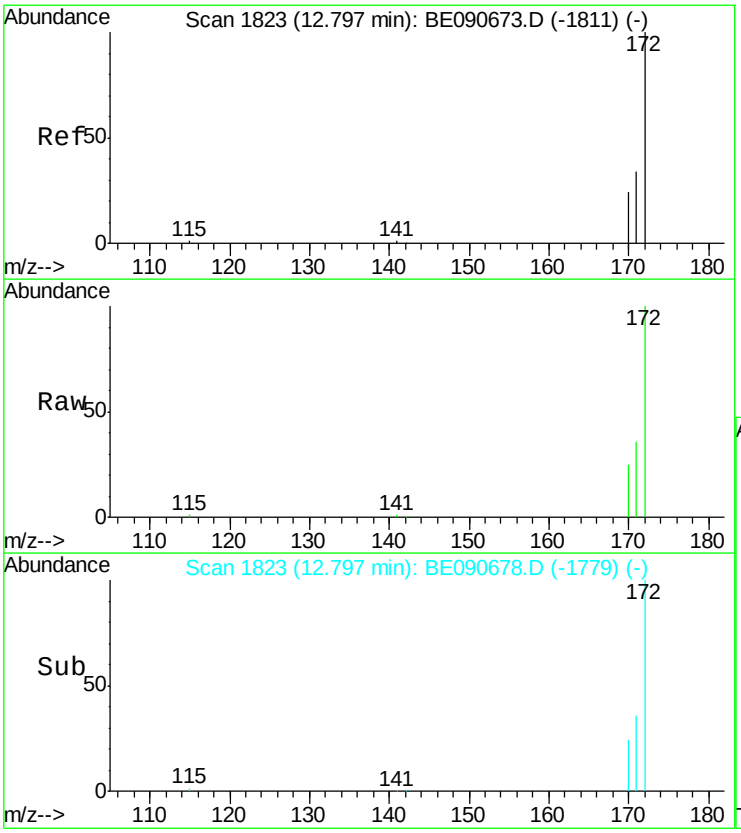
#13
2,4,6-Tribromophenol
Concen: 6.72 ng
RT: 15.68 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 20740

Ion	Ratio	Lower	Upper
330	100		
332	96.7	74.9	112.3
141	177.5	145.2	217.8

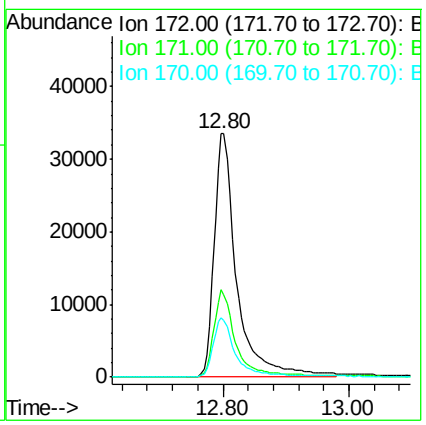


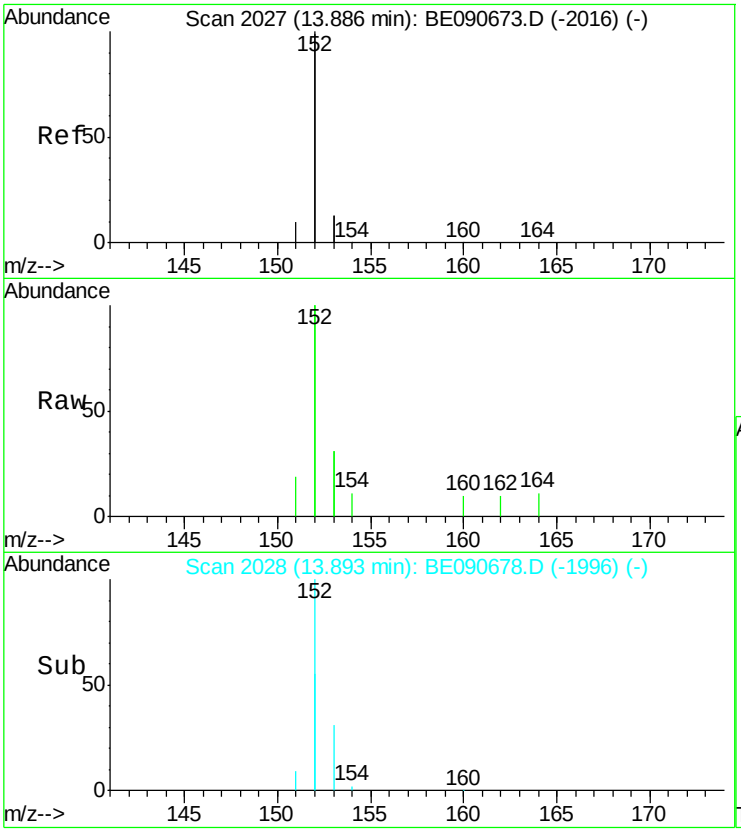


#14
2-Fluorobiphenyl
Concen: 2.83 ng
RT: 12.80 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Tgt Ion:172 Resp: 82780

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.8	41.8
170	24.5	19.8	29.6



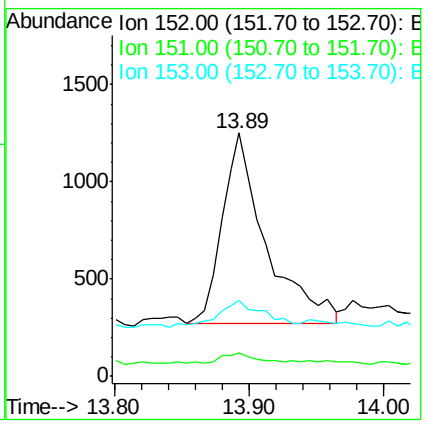


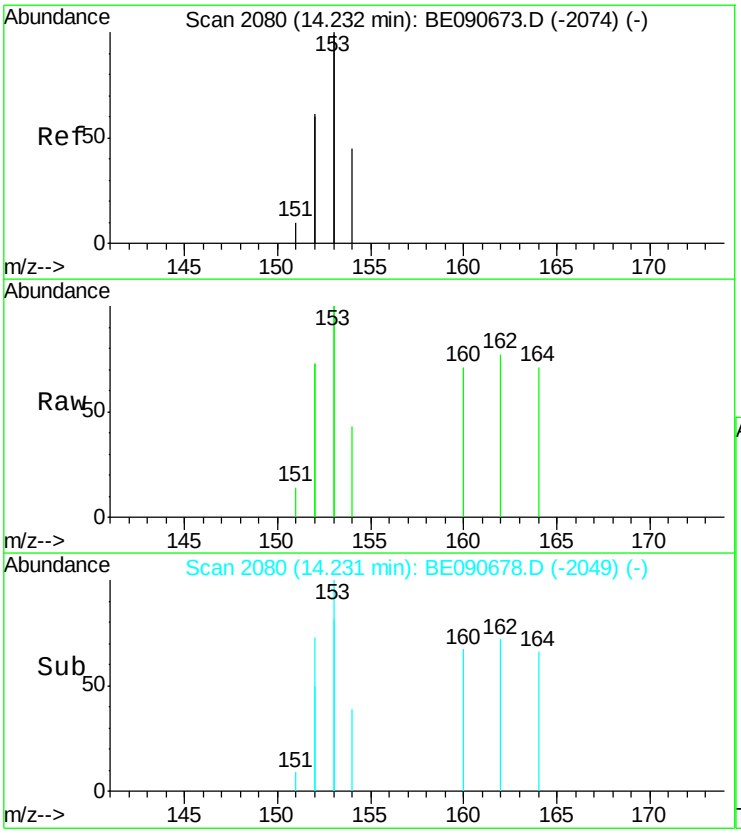
#15
Acenaphthylene
Concen: 0.01 ng
RT: 13.89 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2225

Ion	Ratio	Lower	Upper
152	100		
151	4.4	3.9	5.9
153	14.6	10.3	15.5

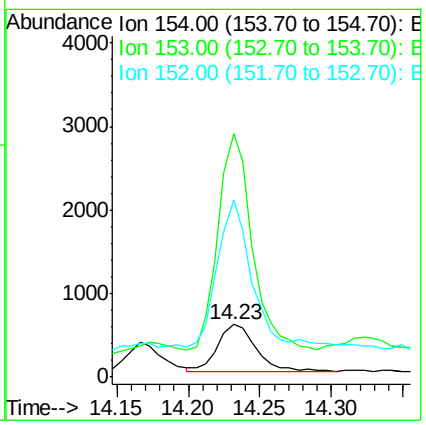


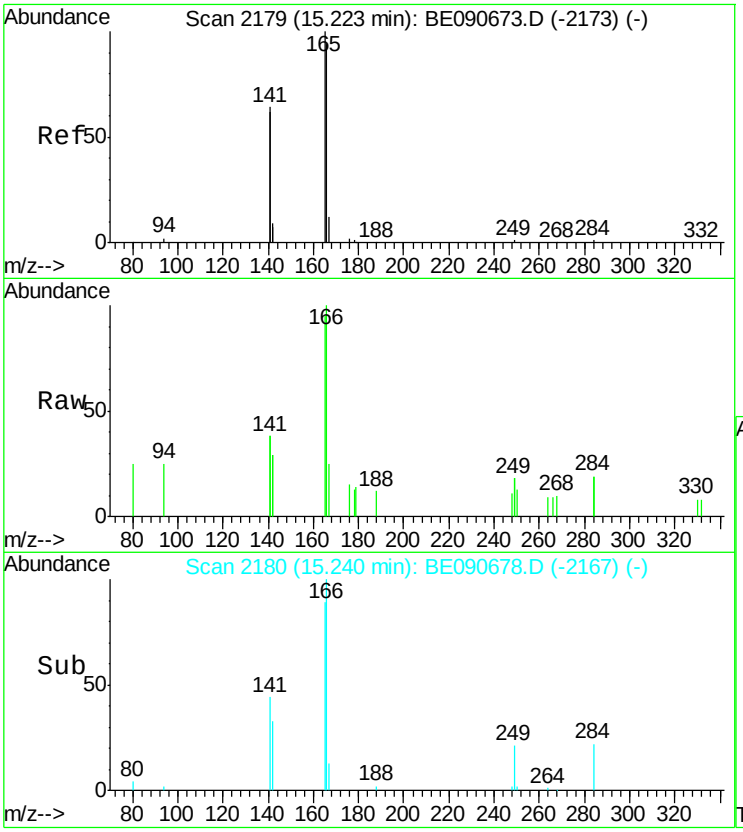


#16
Acenaphthene
Concen: 0.04 ng
RT: 14.23 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Tgt Ion:154 Resp: 1052

Ion	Ratio	Lower	Upper
154	100		
153	426.7	354.5	531.7
152	313.3	227.8	341.6



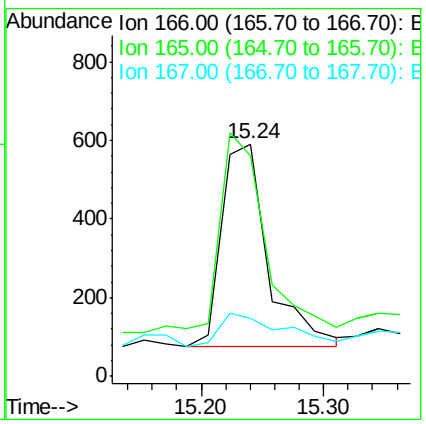


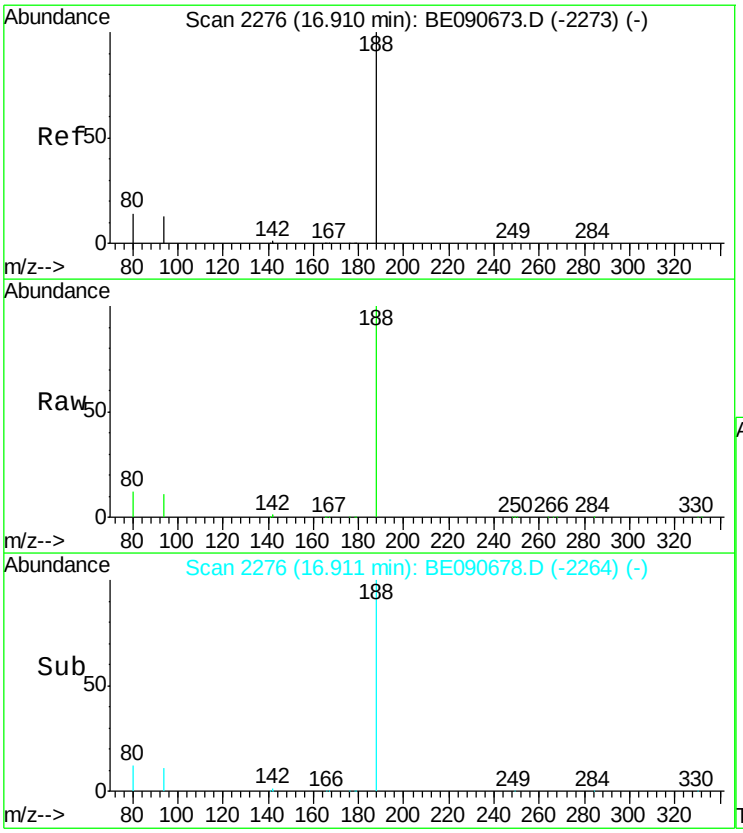
#17
Fluorene
Concen: 0.04 ng
RT: 15.24 min Scan# 2180
Delta R.T. 0.02 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 1358

Ion	Ratio	Lower	Upper
166	100		
165	111.4	82.7	124.1
167	22.1	10.7	16.1#

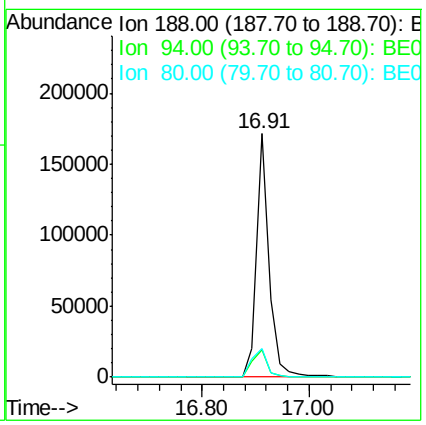


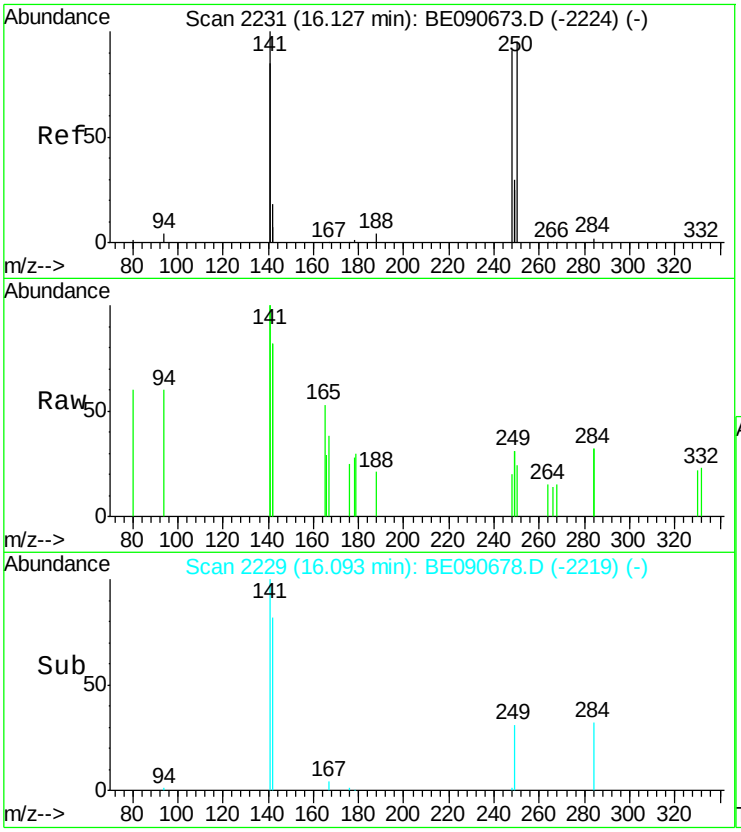


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Tgt Ion:188 Resp: 277511

Ion	Ratio	Lower	Upper
188	100		
94	11.1	10.3	15.5
80	11.9	11.0	16.6



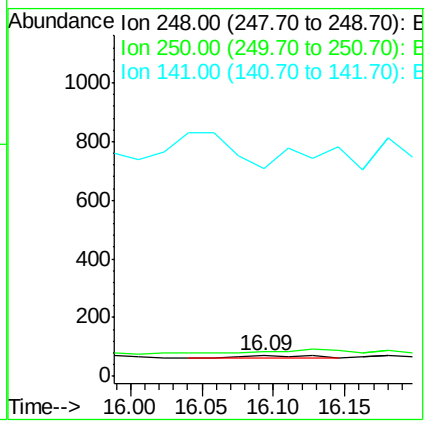


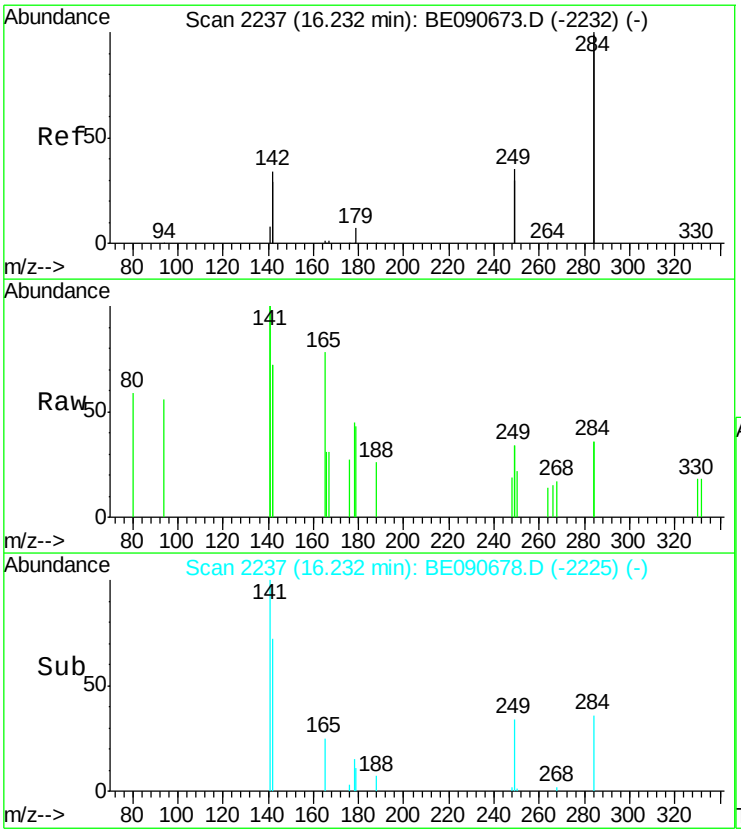
#19
4-Bromophenyl-phenylether
Concen: 0.00 ng
RT: 16.09 min Scan# 2229
Delta R.T. -0.03 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:248 Resp: 32

Ion	Ratio	Lower	Upper
248	100		
250	0.0	76.7	115.1#
141	0.0	292.6	439.0#

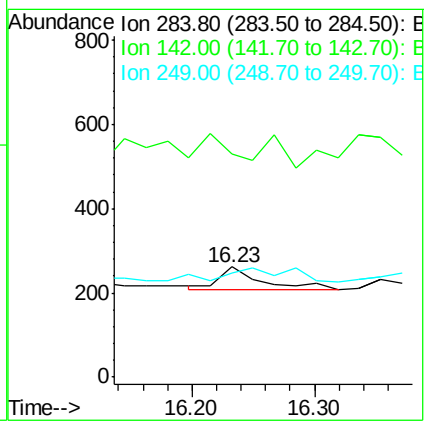


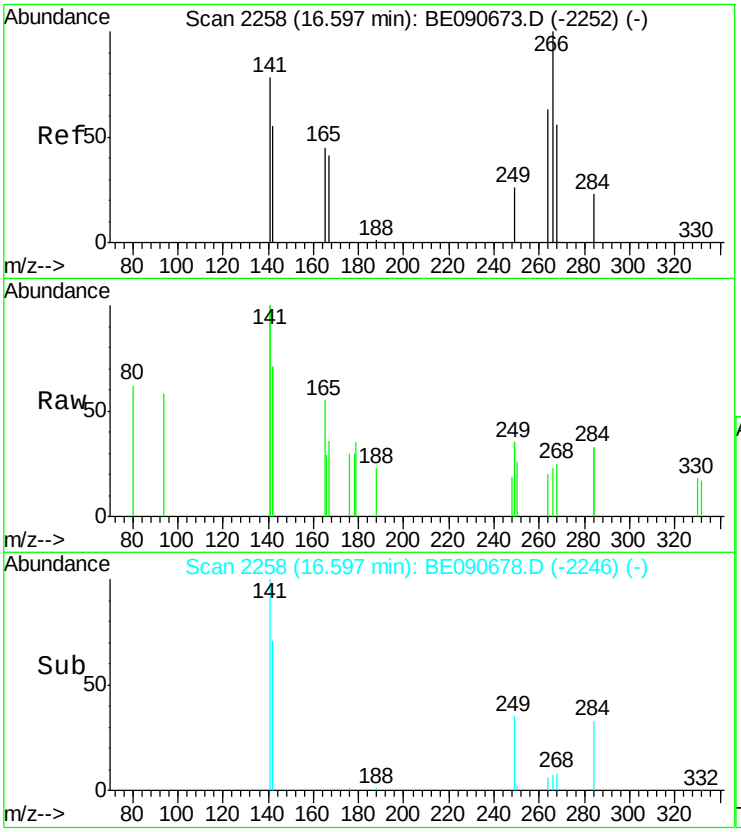


#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.23 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Tgt Ion:284 Resp: 127

Ion	Ratio	Lower	Upper
284	100		
142	0.0	35.0	52.4#
249	0.0	25.5	38.3#



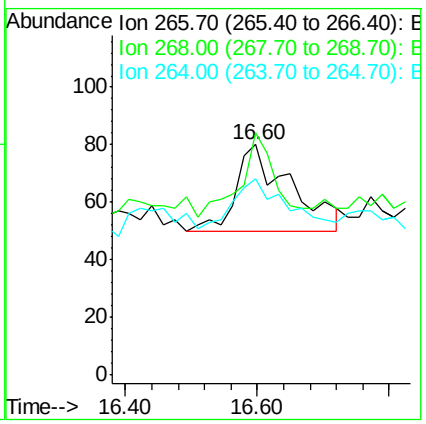


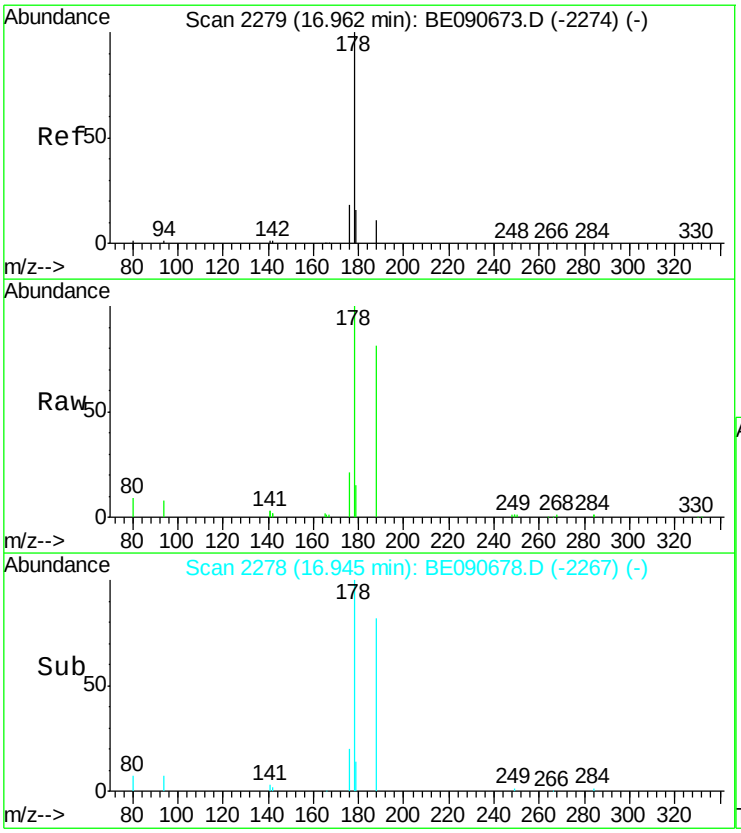
#21
Pentachlorophenol
Concen: Below Cal
RT: 16.60 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 170

Ion	Ratio	Lower	Upper
266	100		
268	105.0	49.6	74.4#
264	85.0	53.9	80.9#

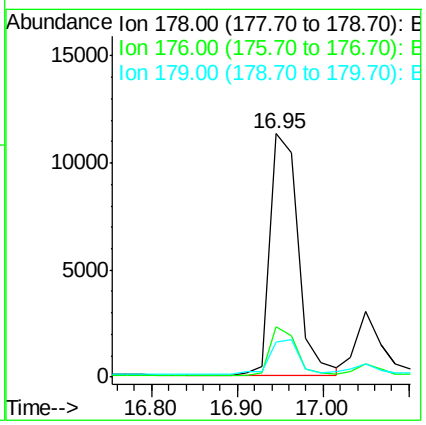


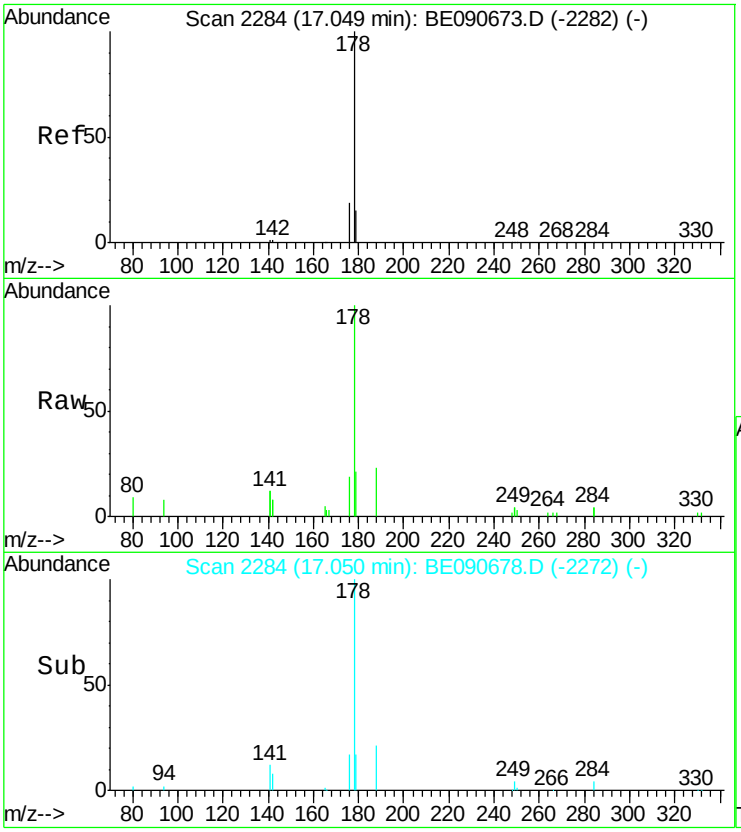


#22
Phenanthrene
Concen: 0.38 ng
RT: 16.95 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Tgt Ion:178 Resp: 25947

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.4	12.8	19.2



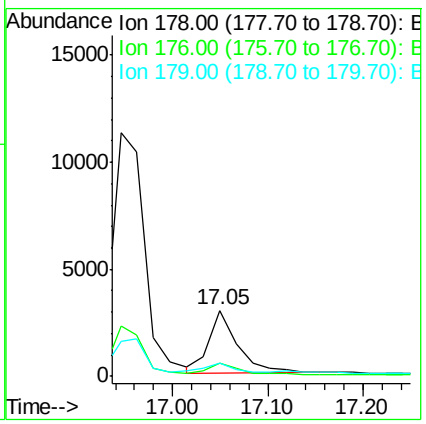


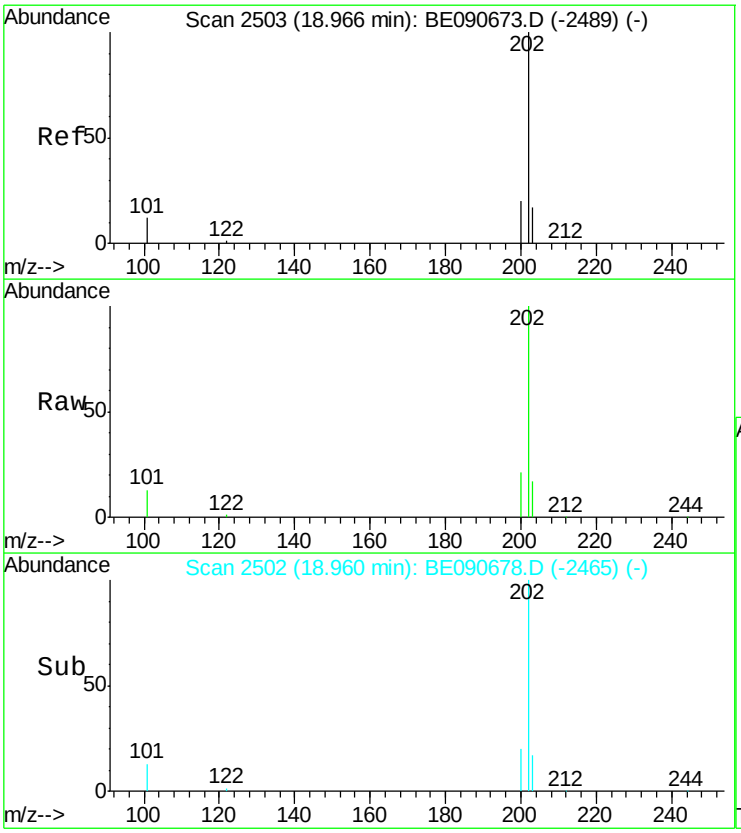
#23
Anthracene
Concen: 0.11 ng
RT: 17.05 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 6225

Ion	Ratio	Lower	Upper
178	100		
176	17.0	15.0	22.6
179	16.9	12.3	18.5

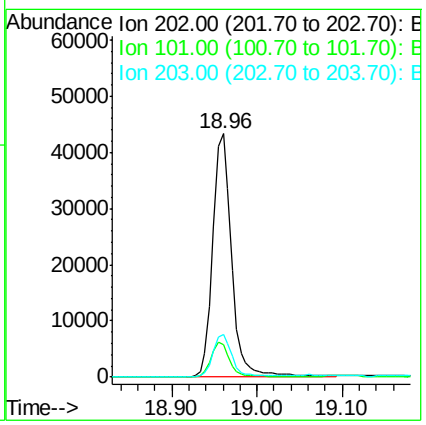


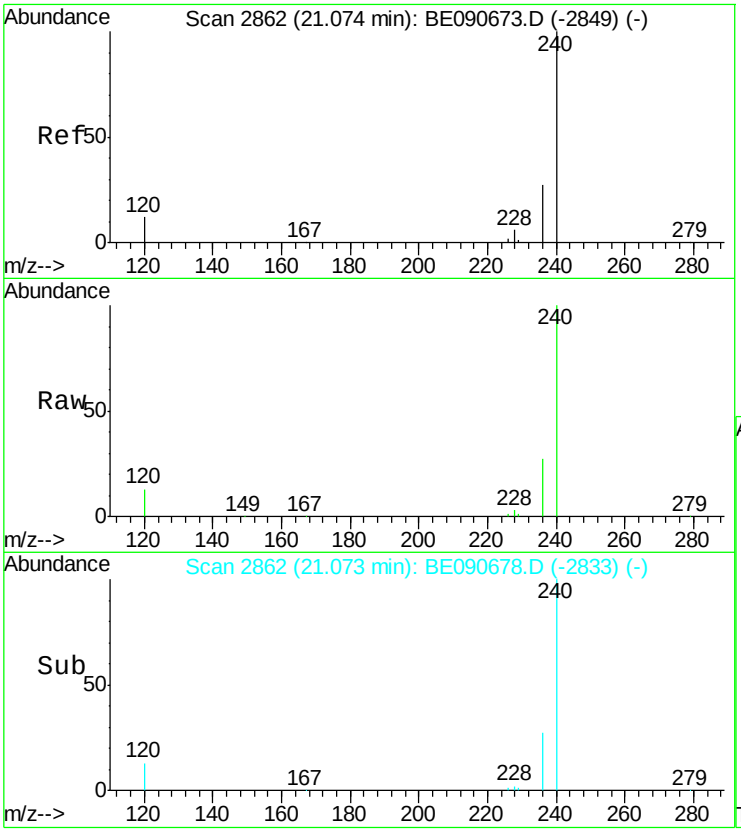


#24
Fluoranthene
Concen: 0.90 ng
RT: 18.96 min Scan# 2502
Delta R.T. -0.01 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Tgt Ion:202 Resp: 65390

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.0	16.6
203	17.0	13.9	20.9



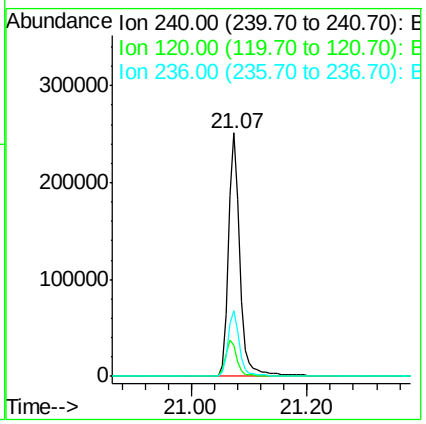


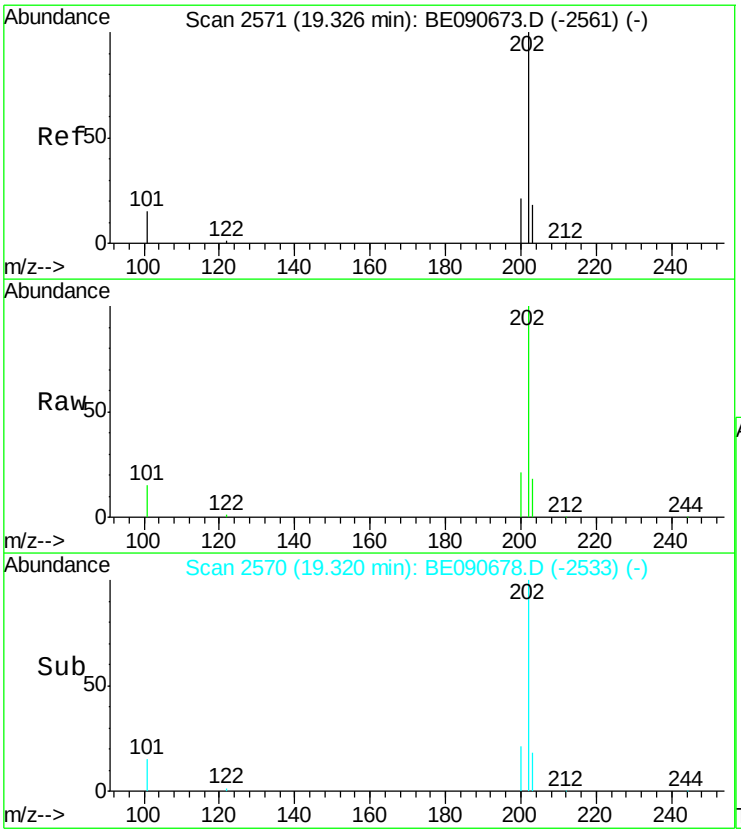
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 351139

Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.1	15.1
236	26.9	21.9	32.9

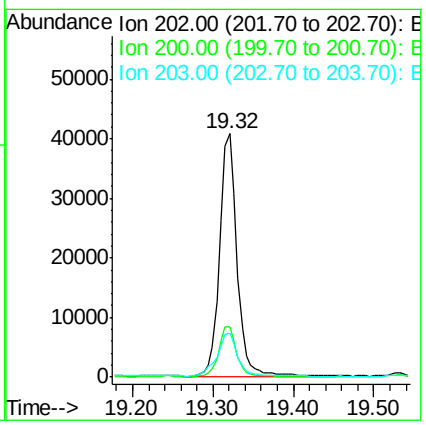


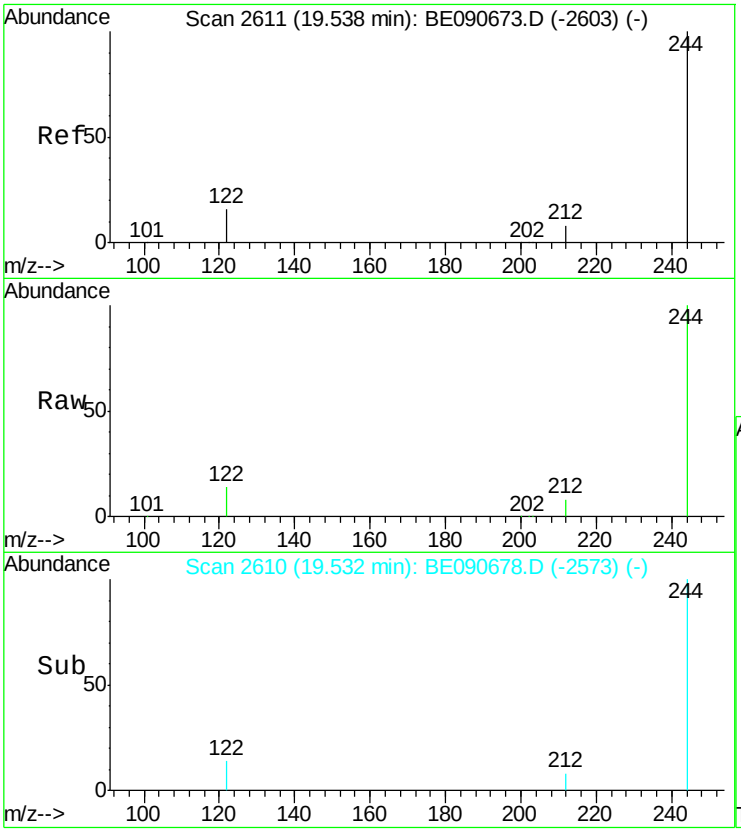


#26
Pyrene
Concen: 0.84 ng
RT: 19.32 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Tgt Ion:202 Resp: 61188

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	20.5	13.8	20.6



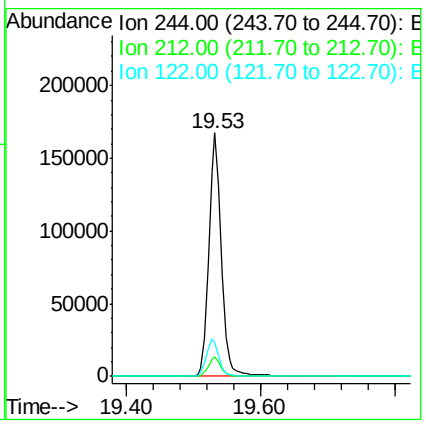


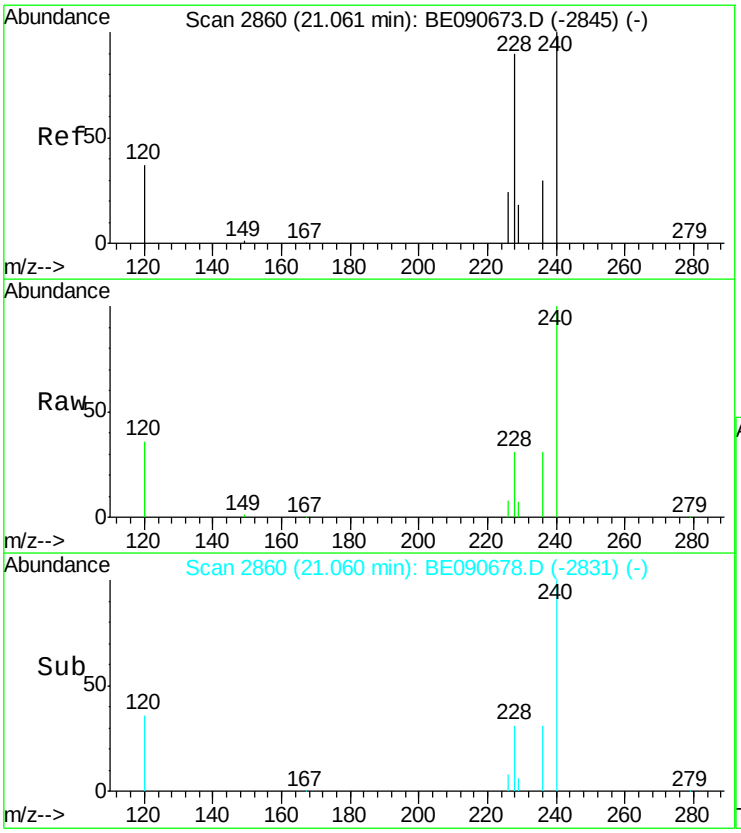
#27
Terphenyl-d14
Concen: 5.57 ng
RT: 19.53 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 216453

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.9	10.3
122	13.8	12.9	19.3

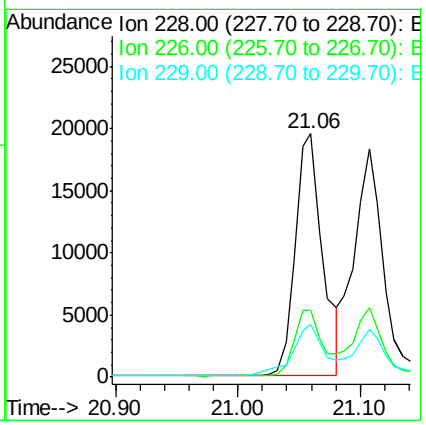


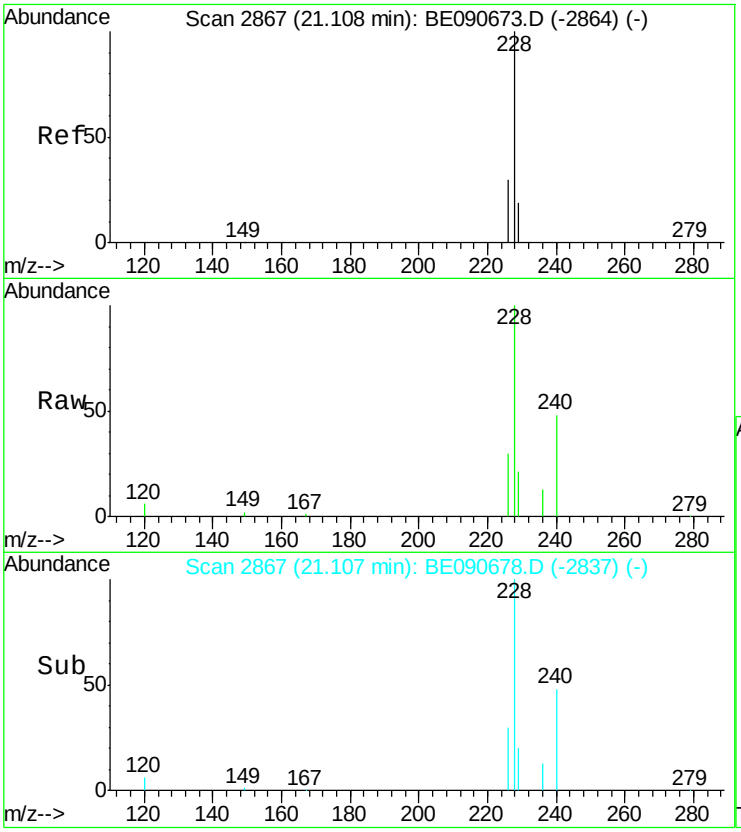


#28
Benzo(a)anthracene
Concen: 0.38 ng
RT: 21.06 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Tgt Ion:228 Resp: 30182

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.6	32.4
229	21.5	15.9	23.9



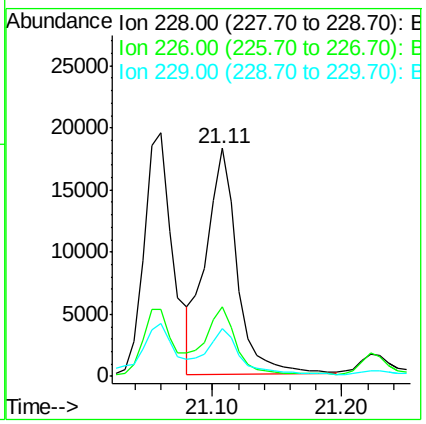


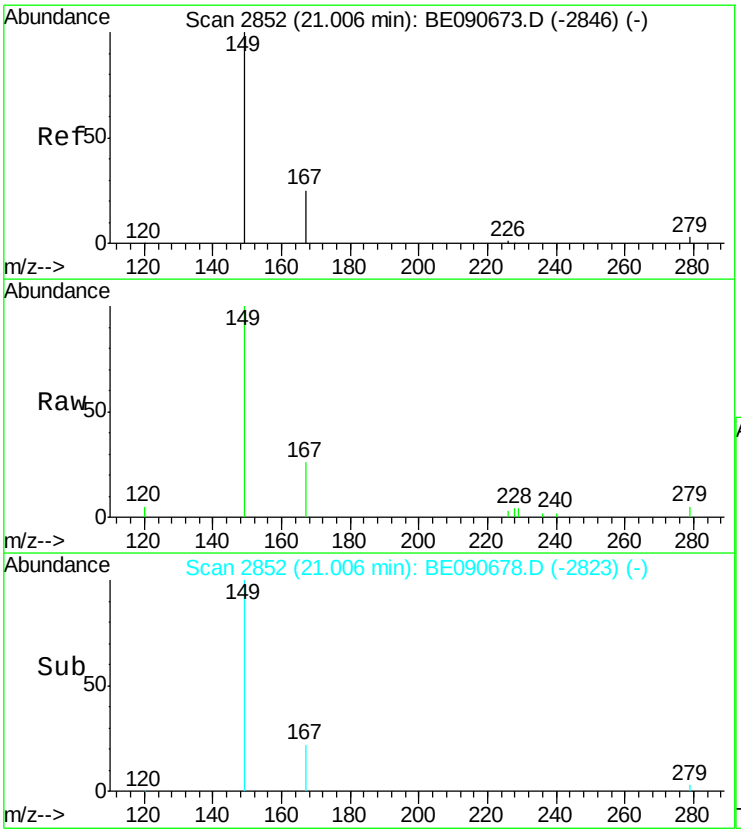
#29
Chrysene
Concen: 0.31 ng
RT: 21.11 min Scan# 2867
Delta R.T. 0.00 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 30895

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	20.9	15.3	22.9

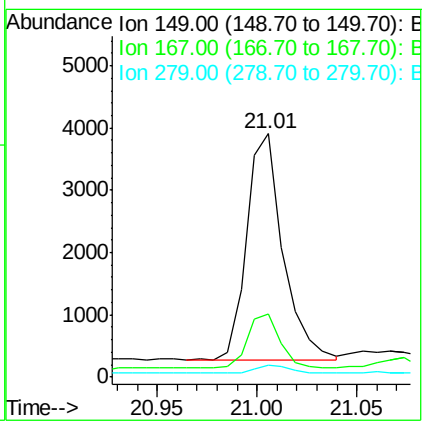


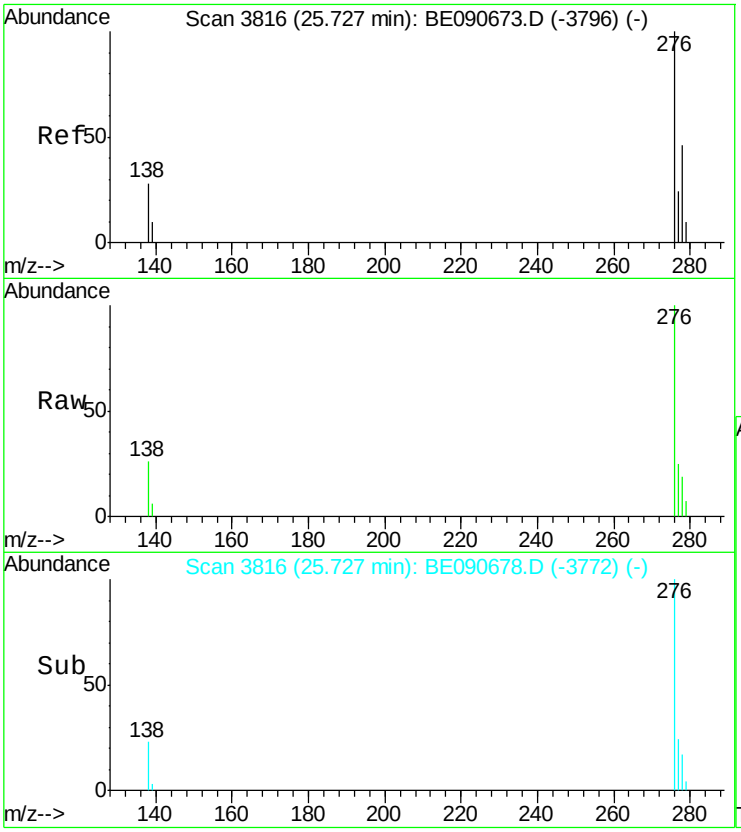


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.29 ng
RT: 21.01 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Tgt Ion:149 Resp: 4579

Ion	Ratio	Lower	Upper
149	100		
167	22.4	20.1	30.1
279	3.0	2.3	3.5



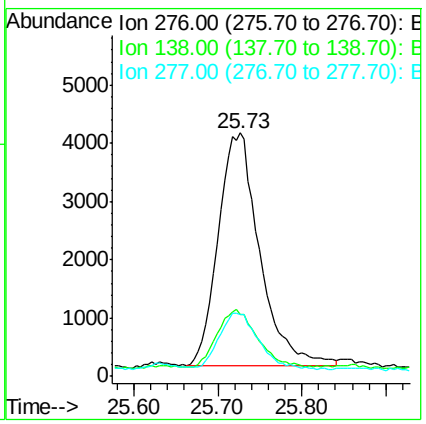


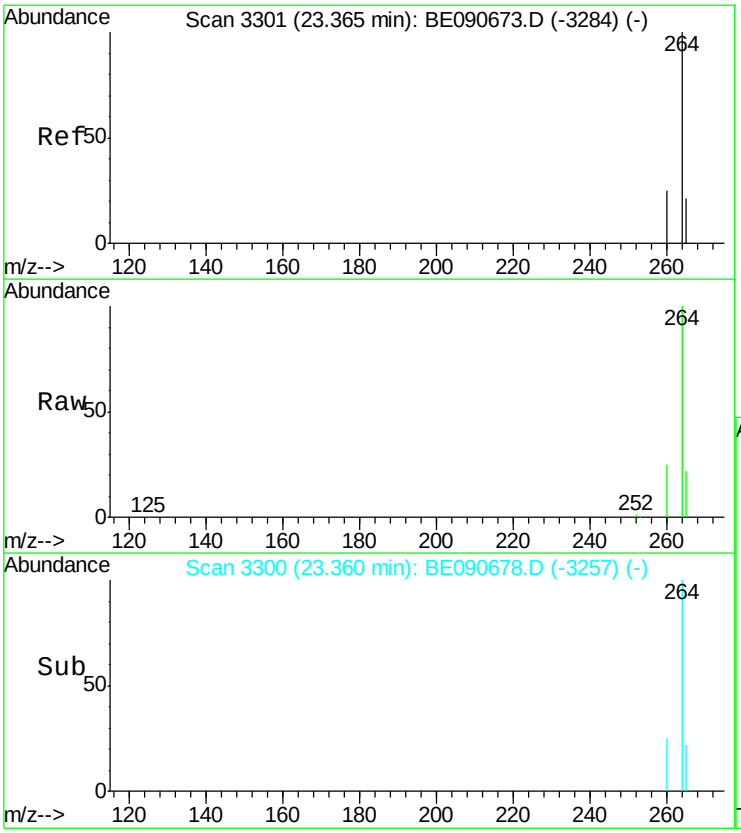
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.16 ng
RT: 25.73 min Scan# 3816
Delta R.T. -0.00 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 13597

Ion	Ratio	Lower	Upper
276	100		
138	23.9	23.3	34.9
277	22.2	19.8	29.6

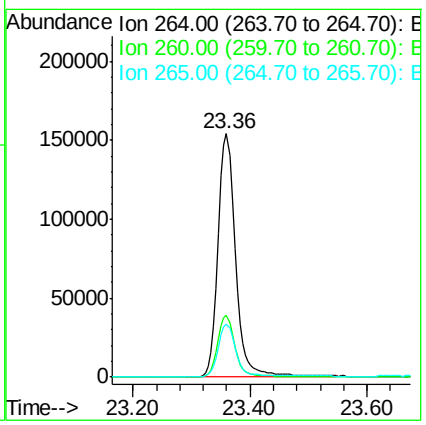


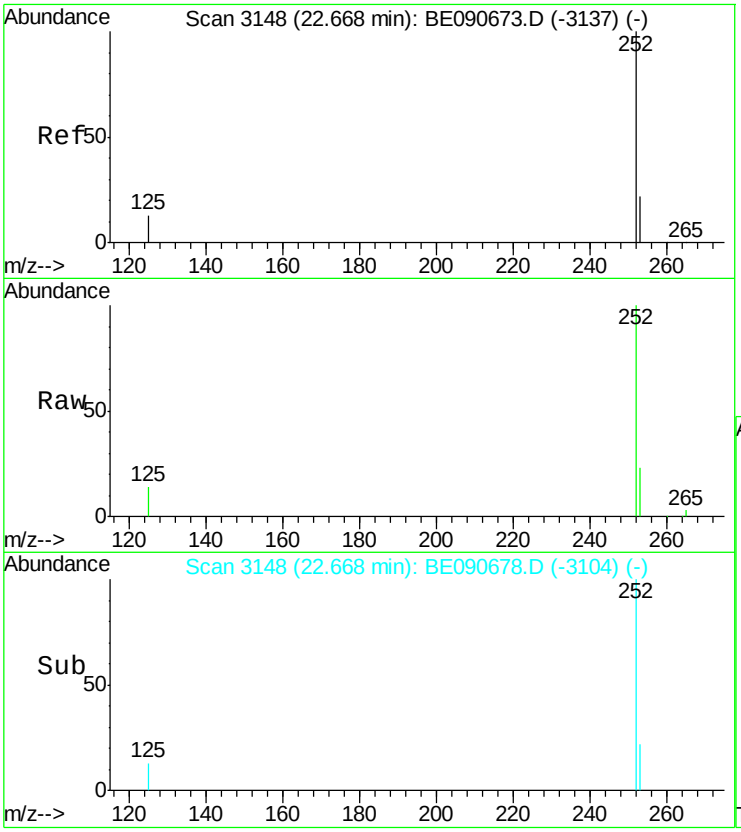


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3300
Delta R.T. -0.00 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Tgt Ion:264 Resp: 318665

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.7	29.5
265	21.9	17.5	26.3



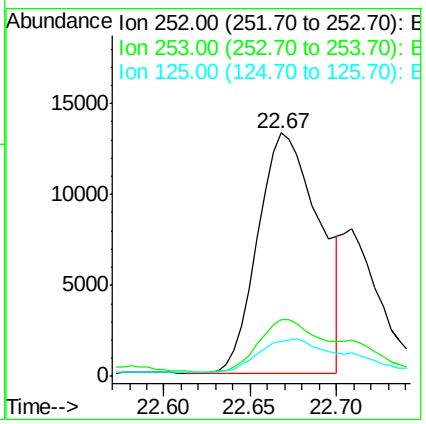


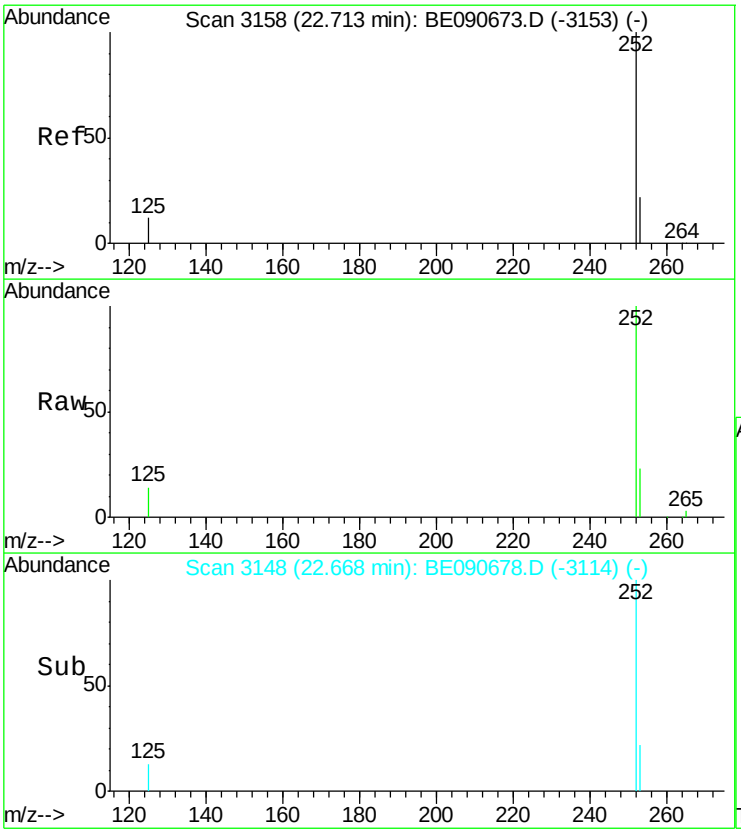
#33
Benzo(b)fluoranthene
Concen: 0.47 ng
RT: 22.67 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 32730

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	14.4	10.6	16.0

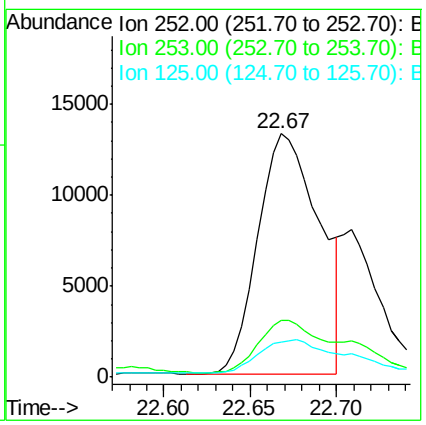


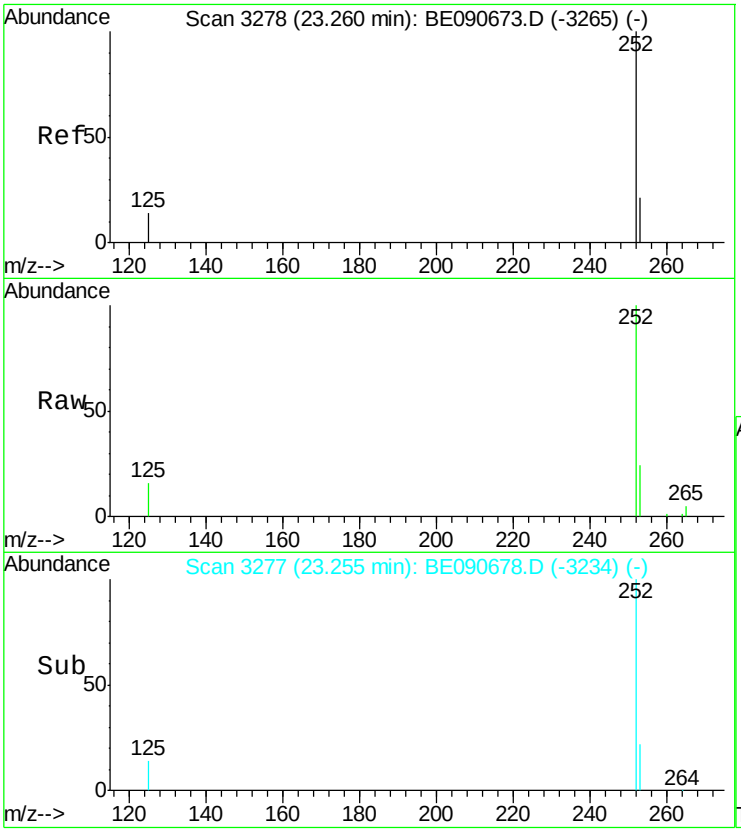


#34
Benzo(k)fluoranthene
Concen: 0.41 ng
RT: 22.67 min Scan# 3148
Delta R.T. -0.05 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Tgt Ion:252 Resp: 32730

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	14.4	10.1	15.1



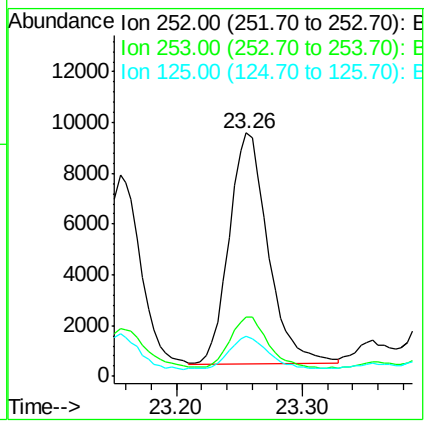


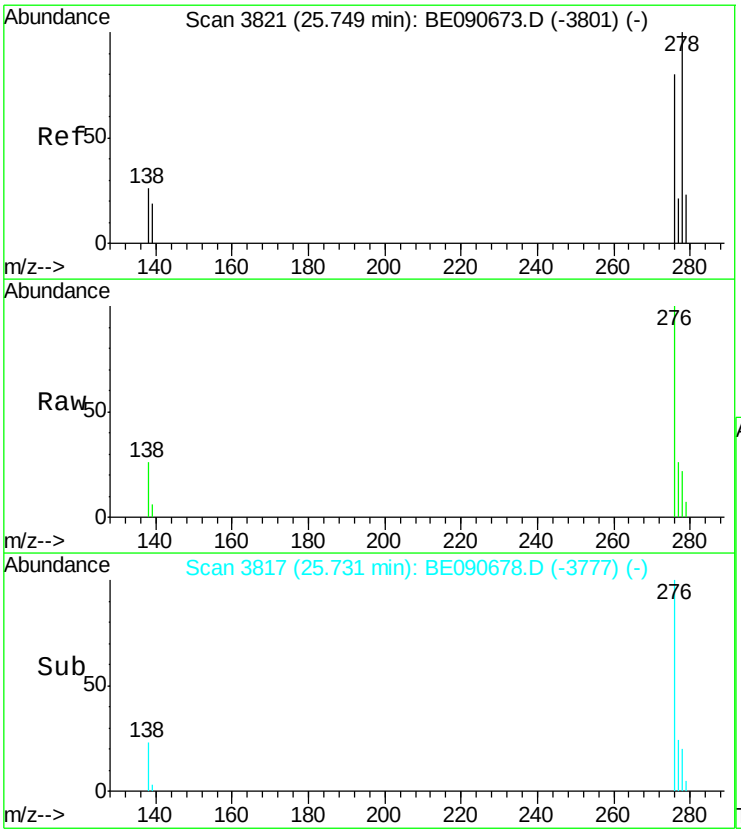
#35
Benzo(a)pyrene
Concen: 0.32 ng
RT: 23.26 min Scan# 3277
Delta R.T. -0.00 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 19614

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.5	26.3
125	16.3	11.6	17.4

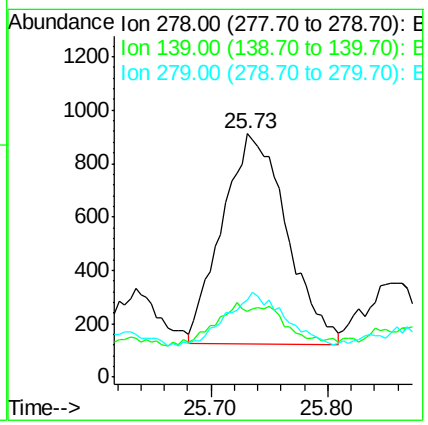


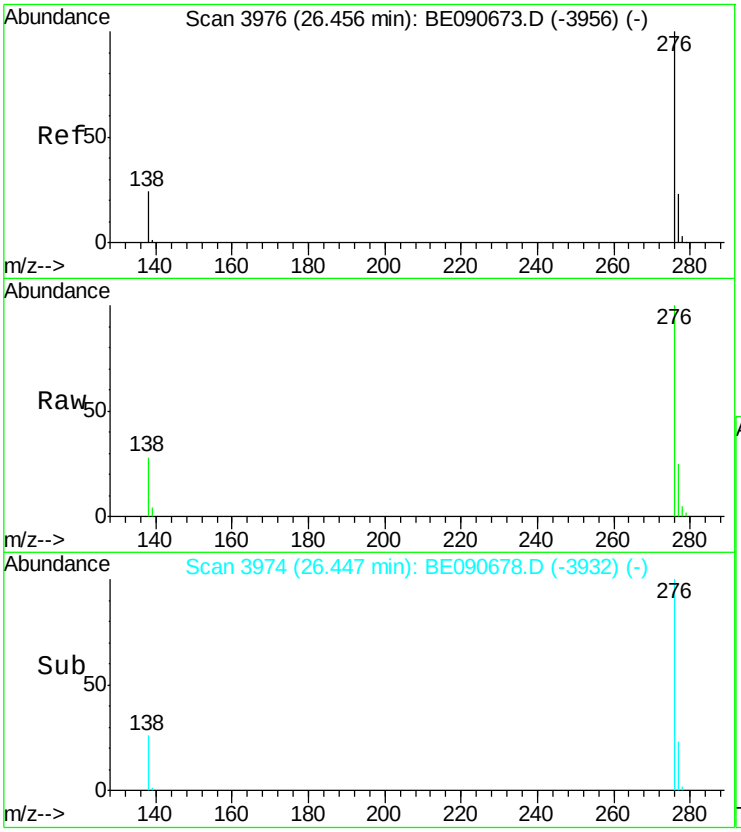


#36
Dibenzo(a,h)anthracene
Concen: 0.18 ng
RT: 25.73 min Scan# 3817
Delta R.T. -0.02 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Tgt Ion:278 Resp: 3019

Ion	Ratio	Lower	Upper
278	100		
139	26.9	15.4	23.0#
279	31.8	18.8	28.2#





#37
Benzo(g,h,i)perylene
Concen: 0.21 ng
RT: 26.45 min Scan# 3974
Delta R.T. -0.01 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 15163

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.5	27.7
138	28.0	20.1	30.1