Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090115\
Data File : BE090682.D
Acq On : 2 Sep 2015 00:47
Operator : UM/IZ
Sample : PB85250BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 02 03:04:58 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	7.55	152	59832	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	269688	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	143843	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	355708	5.00	ng	0.00
25) Chrysene-d12	21.07	240	443058	5.00	ng	0.00
32) Perylene-d12	23.36	264	424015	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	89147	7.64	ng	0.00
5) Phenol-d6	6.74	99	125370	7.53	ng	0.00
7) Nitrobenzene-d5	8.71	82	56777	3.19	ng	0.00
13) 2,4,6-Tribromophenol	15.68	330	30060	7.14	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	116030	2.91	ng	0.00
27) Terphenyl-d14	19.53	244	216732	4.42	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	66	Below Cal	#	16
3) n-Nitrosodimethylamine	3.39	42	114	Below Cal	#	20
8) Nitrobenzene	8.70	77	70	0.11	ng #	43
9) Naphthalene	10.36	128	184	0.00	ng #	13
10) Hexachlorobutadiene	10.68	225	21	0.00	ng #	31
11) 2-Methylnaphthalene	12.01	142	75	0.00	ng #	57
15) Acenaphthylene	13.89	152	283	0.00	ng #	84
16) Acenaphthene	14.17	154	756	0.02	ng #	1
17) Fluorene	15.22	166	185	0.00	ng #	62
19) 4-Bromophenyl-phenylether	16.18	248	25	0.00	ng #	1
20) Hexachlorobenzene	16.25	284	94	Below Cal	#	1
21) Pentachlorophenol	16.65	266	17	Below Cal	#	54
22) Phenanthrene	16.96	178	677	0.01	ng #	71
23) Anthracene	17.05	178	195	0.00	ng #	81
24) Fluoranthene	18.97	202	268	0.00	ng #	94
26) Pyrene	19.33	202	311	0.00	ng #	72
28) Benzo(a)anthracene	21.07	228	1616	0.00	ng #	74
29) Chrysene	21.07	228	1616	Below Cal	#	71
30) Bis(2-ethylhexyl)phthalate	21.01	149	249	0.07	ng #	95
31) Indeno(1,2,3-cd)pyrene	25.75	276	102	0.00	ng #	67
33) Benzo(b)fluoranthene	22.67	252	77	0.00	ng #	1
34) Benzo(k)fluoranthene	22.71	252	111	0.00	ng #	1
35) Benzo(a)pyrene	23.26	252	134	0.00	ng #	1
36) Dibenzo(a,h)anthracene	25.76	278	24	0.14	ng #	1
37) Benzo(g,h,i)perylene	26.46	276	53	0.00	ng #	1

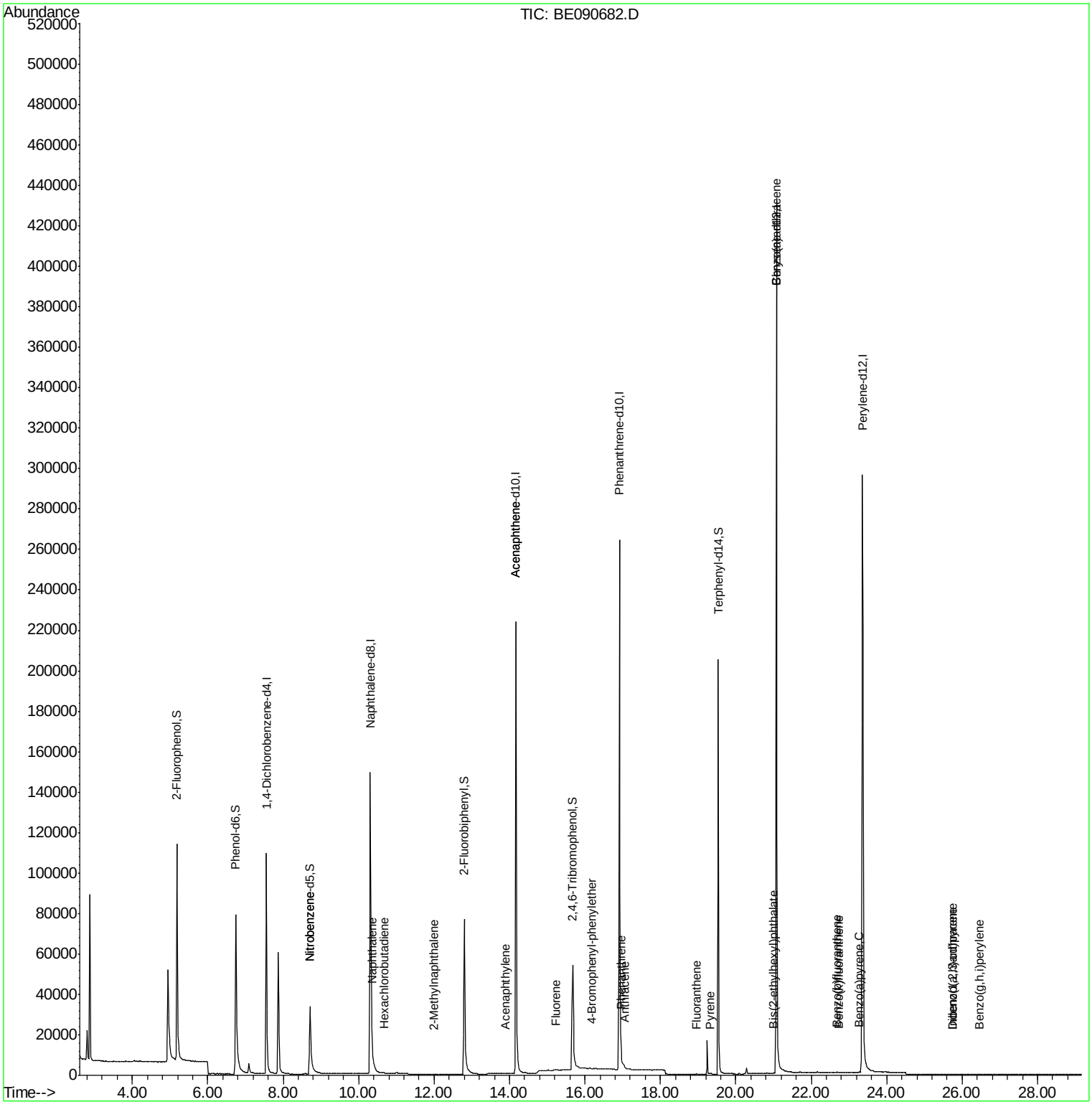
(#) = qualifier out of range (m) = manual integration (+) = signals summed

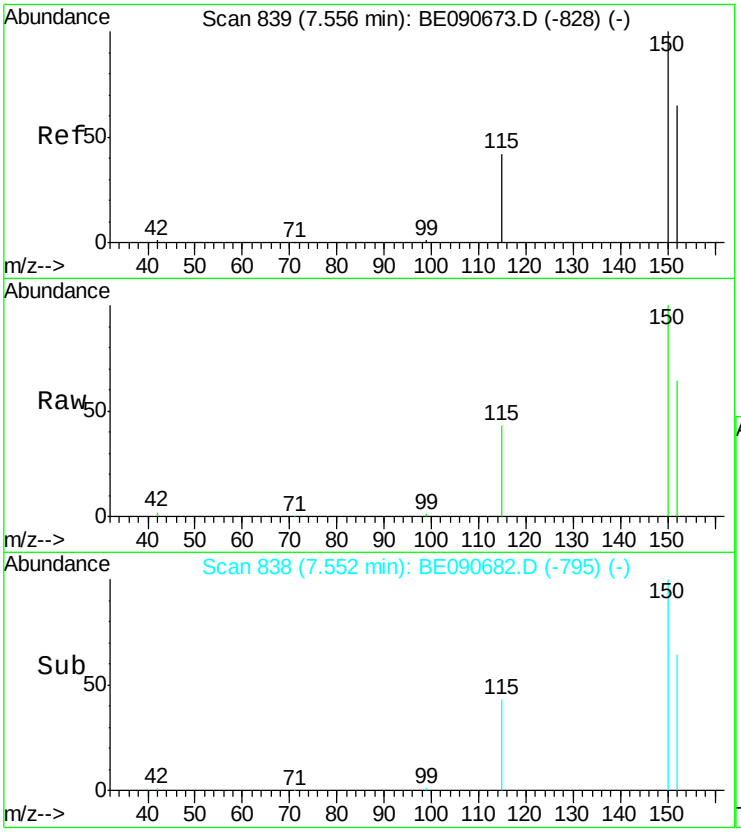
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090115\
Data File : BE090682.D
Acq On : 2 Sep 2015 00:47
Operator : UM/IZ
Sample : PB85250BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 02 03:04:58 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



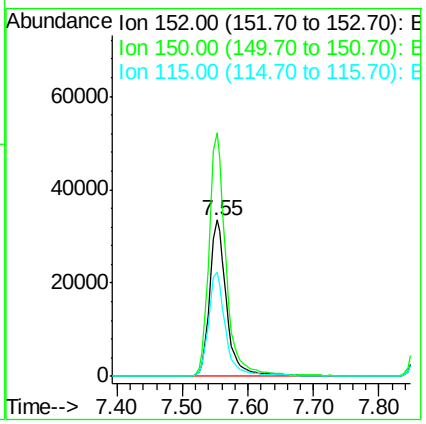


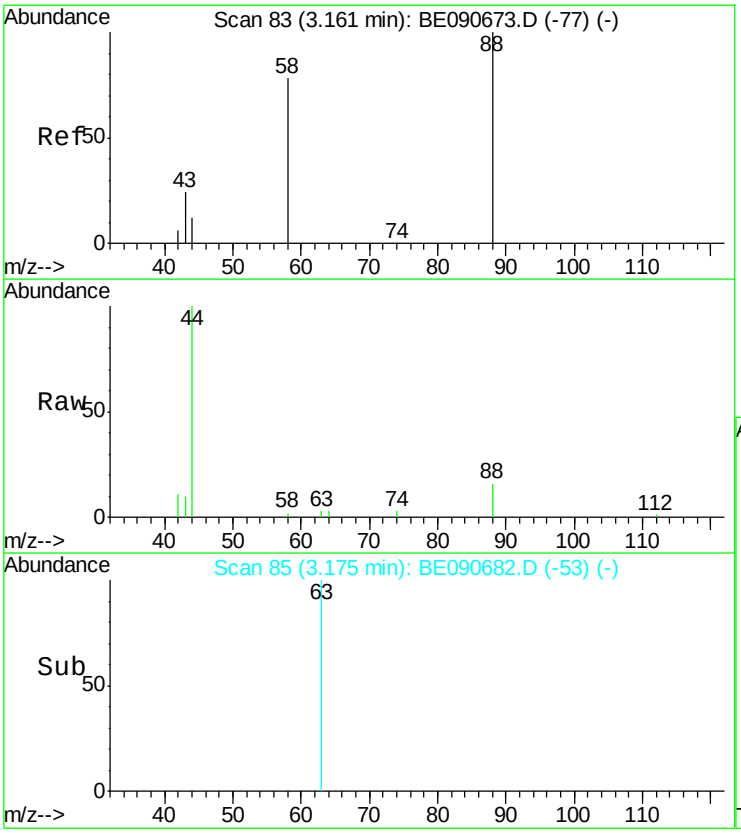
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 59832

Ion	Ratio	Lower	Upper
152	100		
150	156.1	122.2	183.4
115	66.8	51.0	76.4

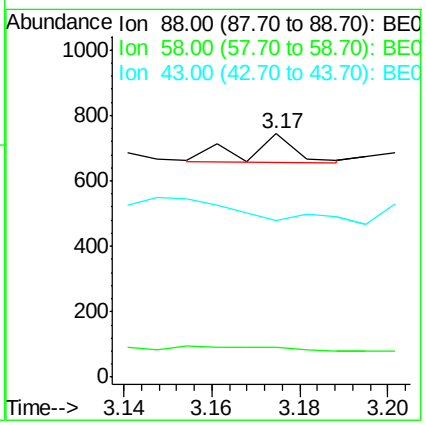


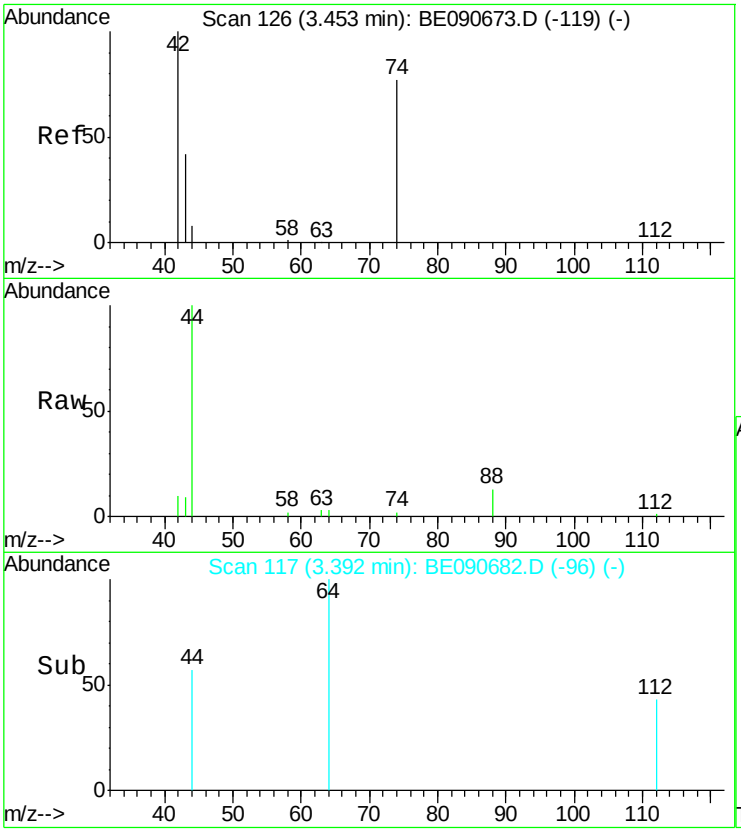


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.17 min Scan# 85
Delta R.T. 0.01 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Tgt Ion: 88 Resp: 66

Ion	Ratio	Lower	Upper
88	100		
58	0.0	68.4	102.6#
43	0.0	26.9	40.3#



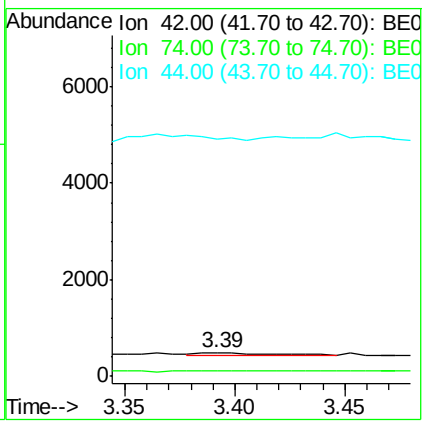


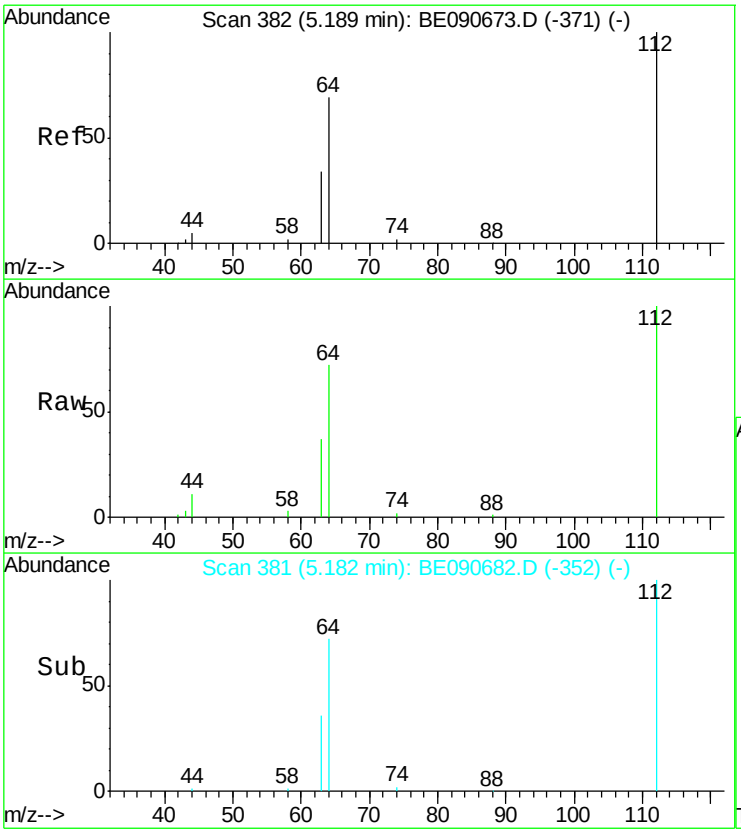
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.39 min Scan# 117
Delta R.T. -0.06 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 114

Ion	Ratio	Lower	Upper
42	100		
74	16.7	83.7	125.5#
44	0.0	10.0	15.0#

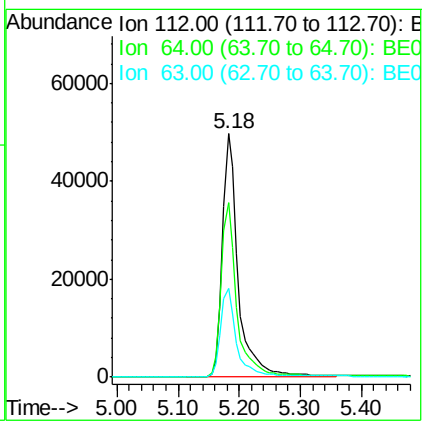


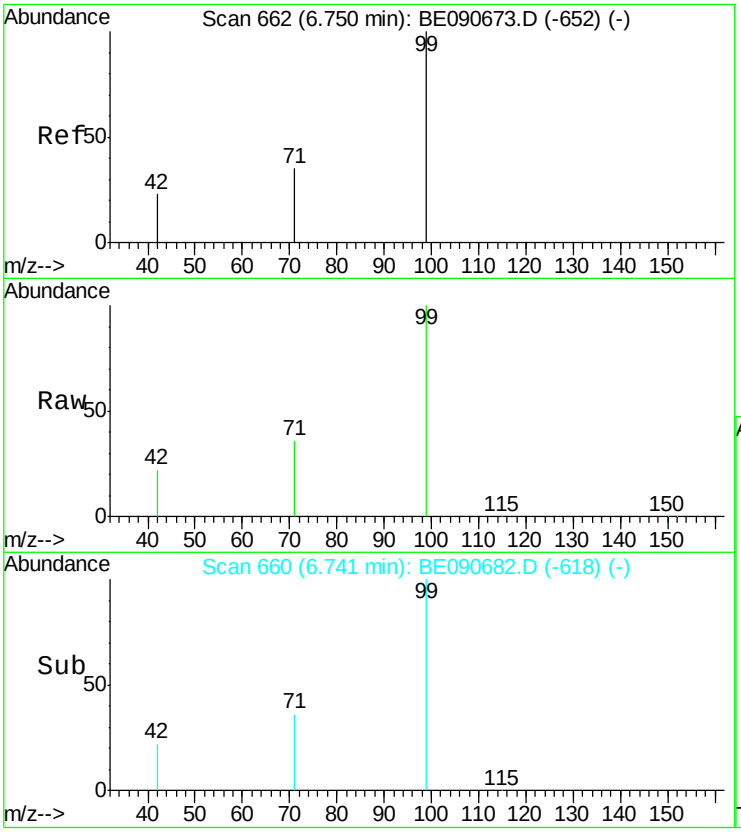


#4
2-Fluorophenol
Concen: 7.64 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Tgt Ion:112 Resp: 89147

Ion	Ratio	Lower	Upper
112	100		
64	71.3	57.3	85.9
63	36.7	29.2	43.8



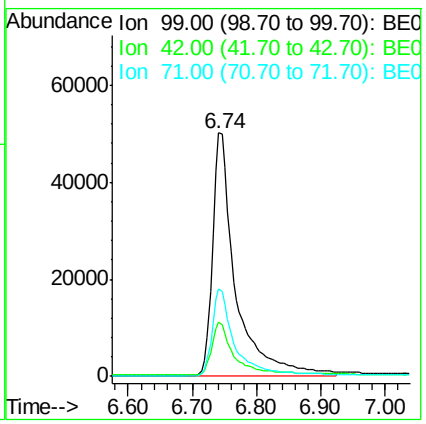


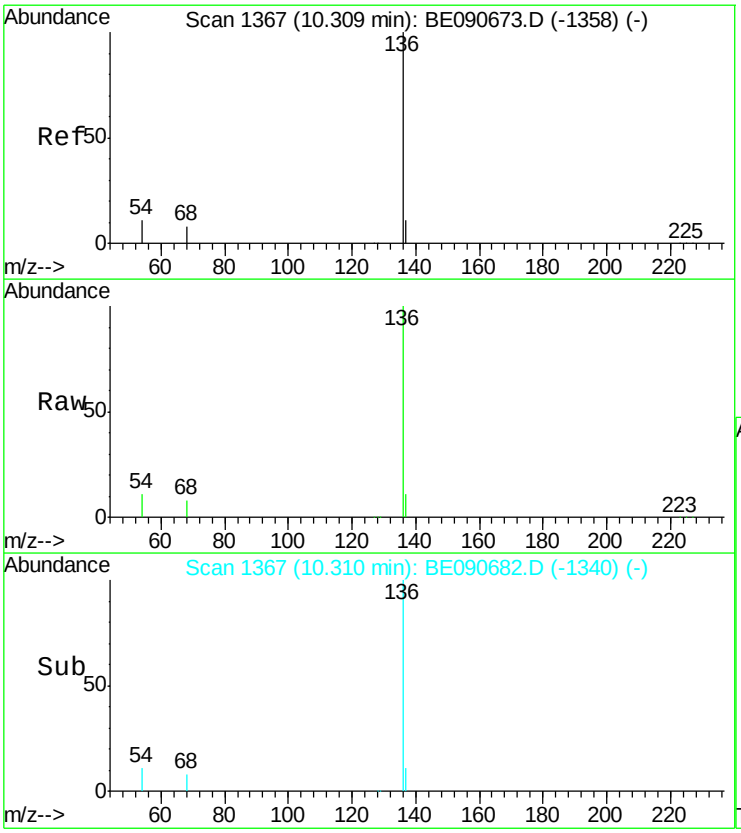
#5
Phenol-d6
Concen: 7.53 ng
RT: 6.74 min Scan# 660
Delta R.T. -0.01 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 125370

Ion	Ratio	Lower	Upper
99	100		
42	21.5	16.8	25.2
71	35.7	28.3	42.5

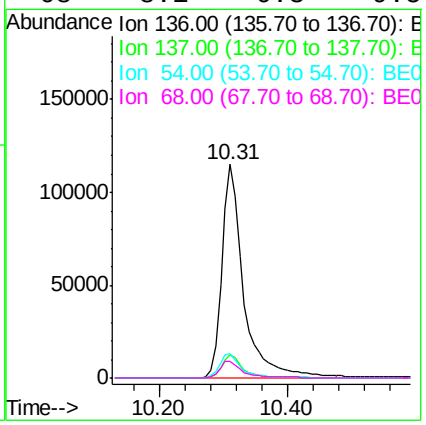


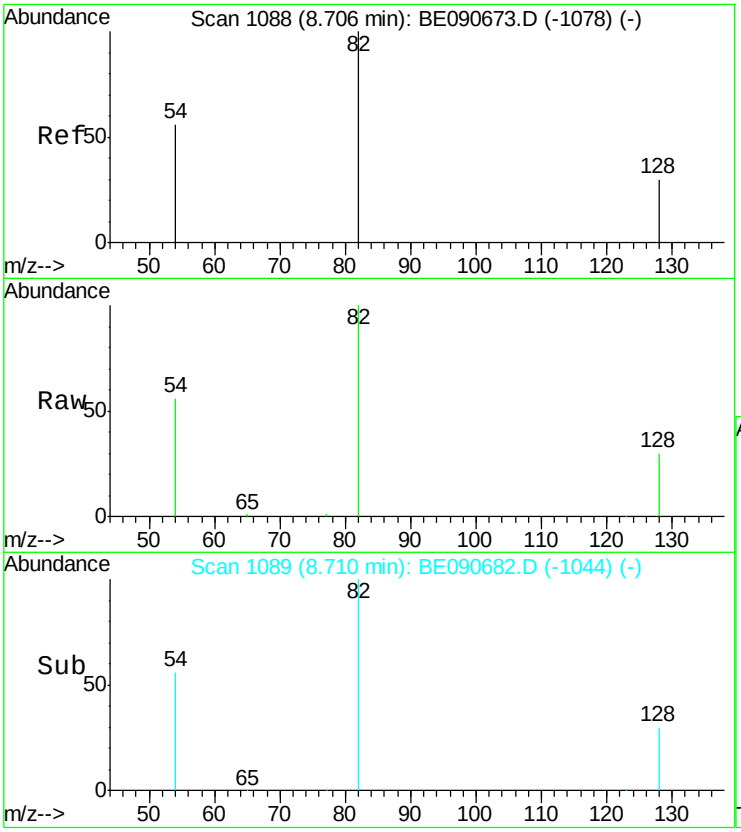


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Tgt Ion:136 Resp: 269688

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	11.1	9.0	13.6
68	8.1	6.3	9.5



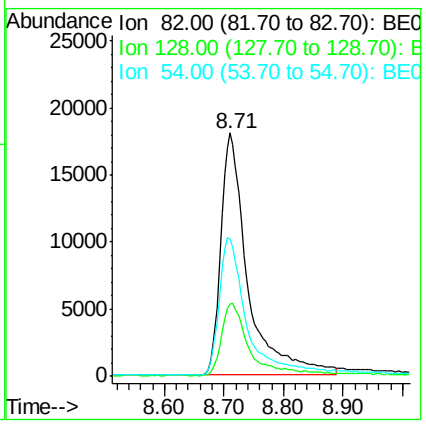


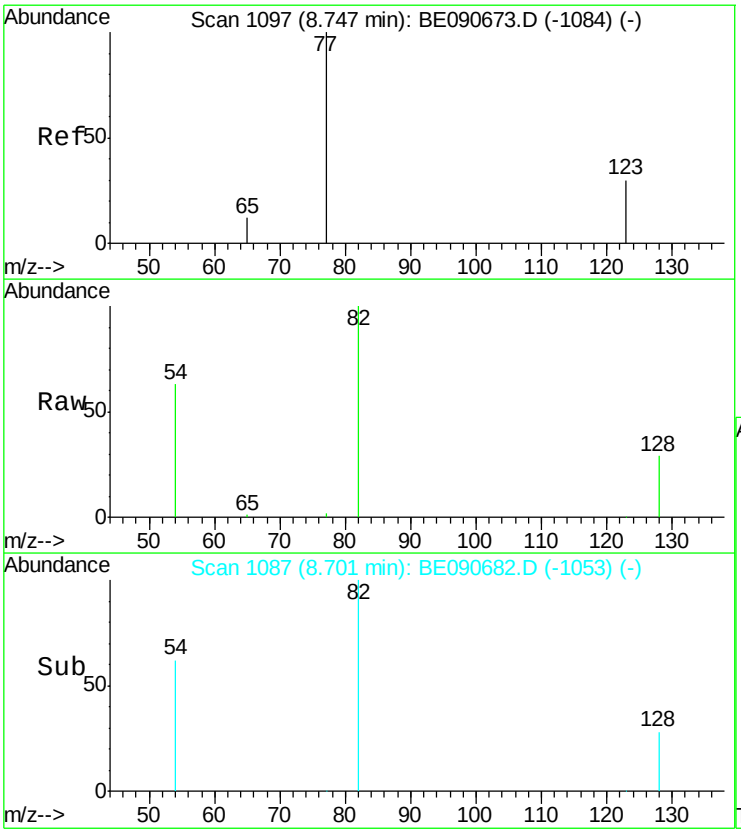
#7
Nitrobenzene-d5
Concen: 3.19 ng
RT: 8.71 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 56777

Ion	Ratio	Lower	Upper
82	100		
128	29.8	25.0	37.4
54	56.5	46.3	69.5

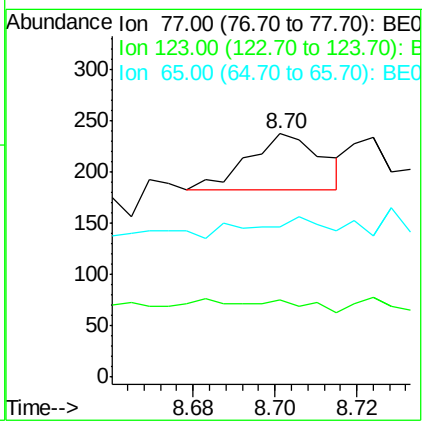


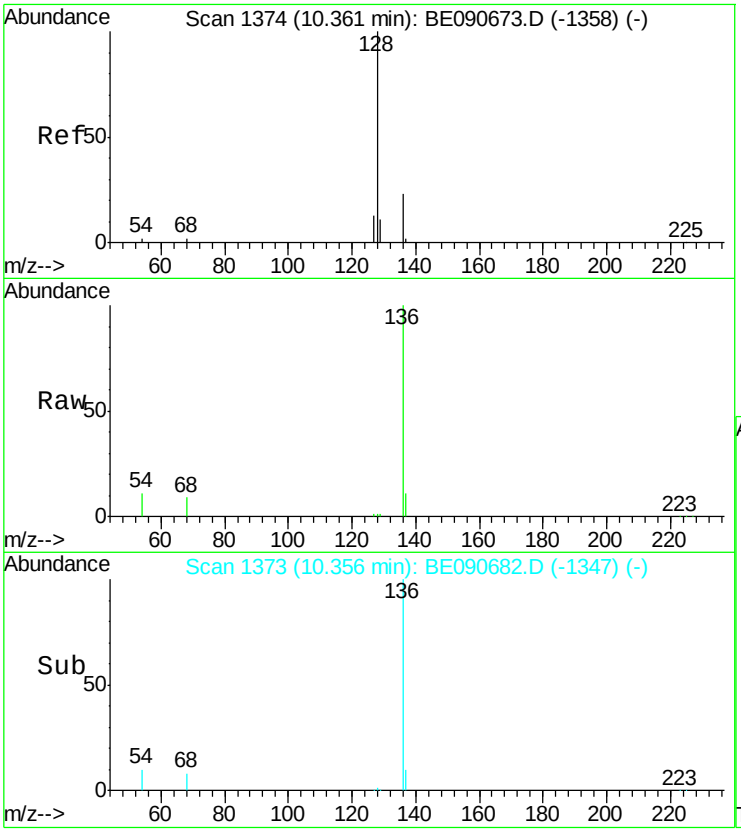


#8
Nitrobenzene
Concen: 0.11 ng
RT: 8.70 min Scan# 1087
Delta R.T. -0.05 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Tgt Ion: 77 Resp: 70

Ion	Ratio	Lower	Upper
77	100		
123	0.0	25.1	37.7#
65	34.3	9.9	14.9#



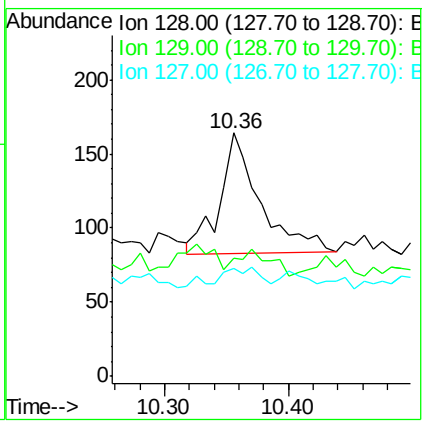


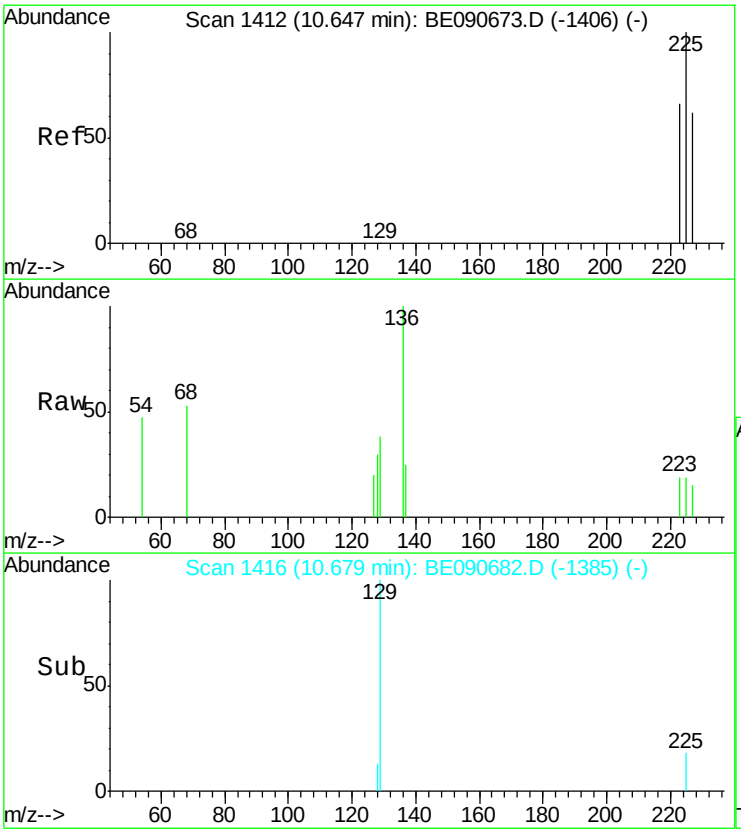
#9
Naphthalene
Concen: 0.00 ng
RT: 10.36 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 184

Ion	Ratio	Lower	Upper
128	100		
129	48.8	9.0	13.6#
127	44.5	10.6	15.8#

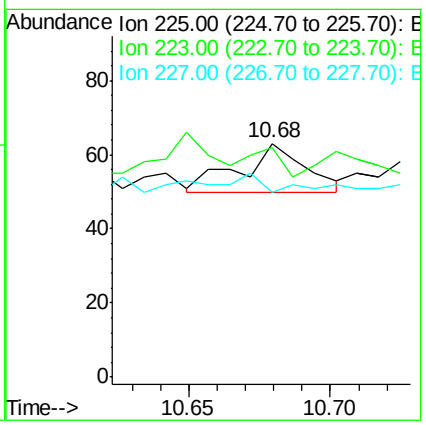


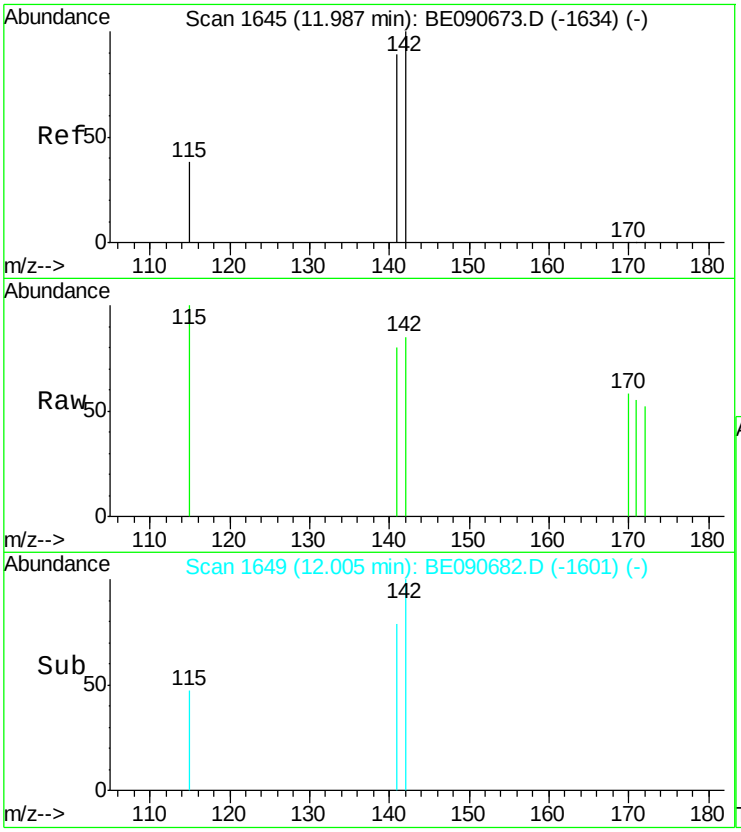


#10
Hexachlorobutadiene
Concen: 0.00 ng
RT: 10.68 min Scan# 1416
Delta R.T. 0.03 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Tgt Ion:225 Resp: 21

Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.6	76.0#
227	19.0	51.0	76.6#



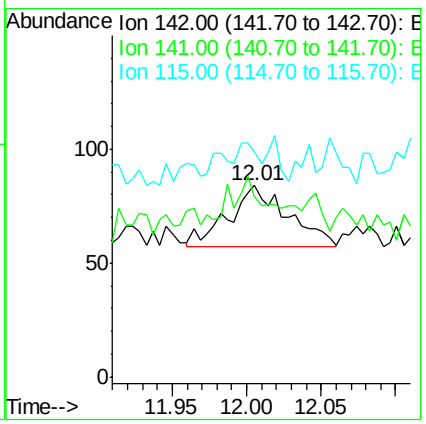


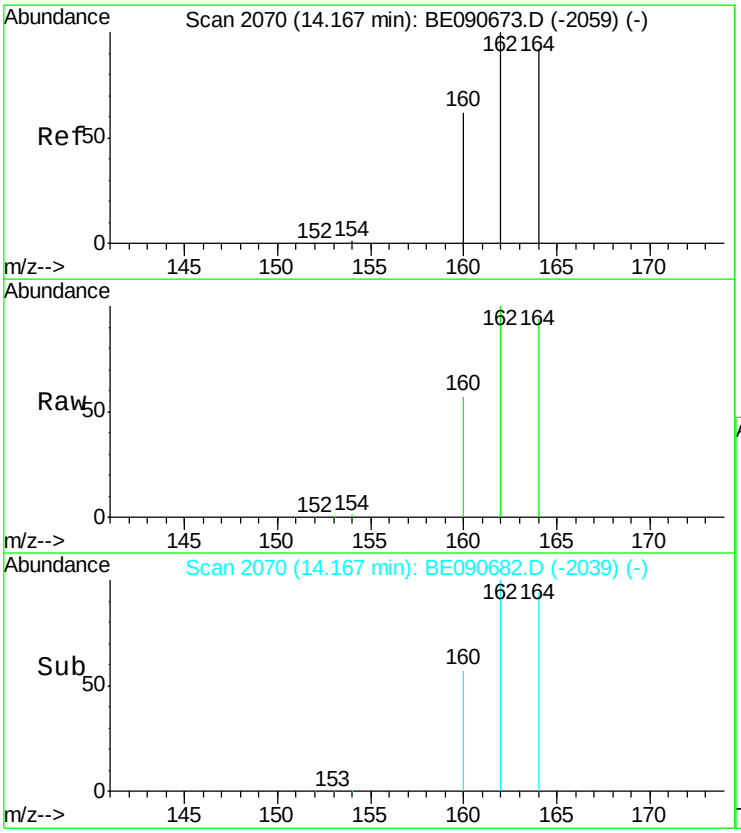
#11
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.01 min Scan# 1649
Delta R.T. 0.02 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 75

Ion	Ratio	Lower	Upper
142	100		
141	94.0	71.4	107.2
115	117.9	31.0	46.4#

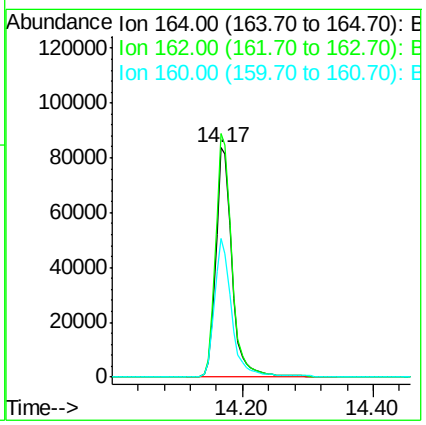


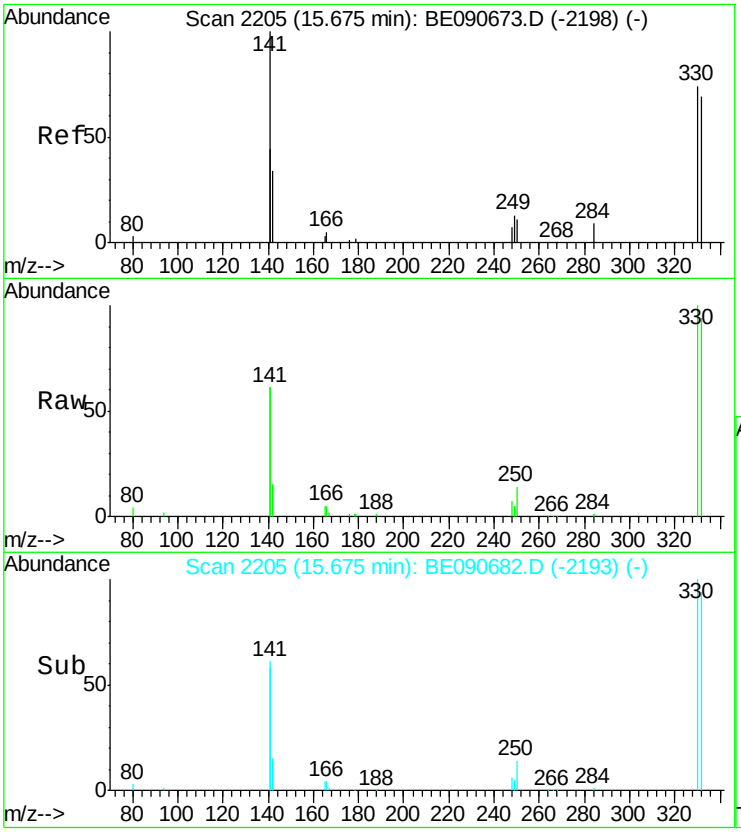


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Tgt Ion:164 Resp: 143843

Ion	Ratio	Lower	Upper
164	100		
162	106.3	86.8	130.2
160	60.5	53.9	80.9



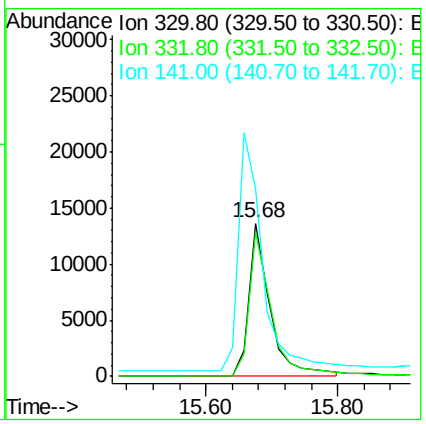


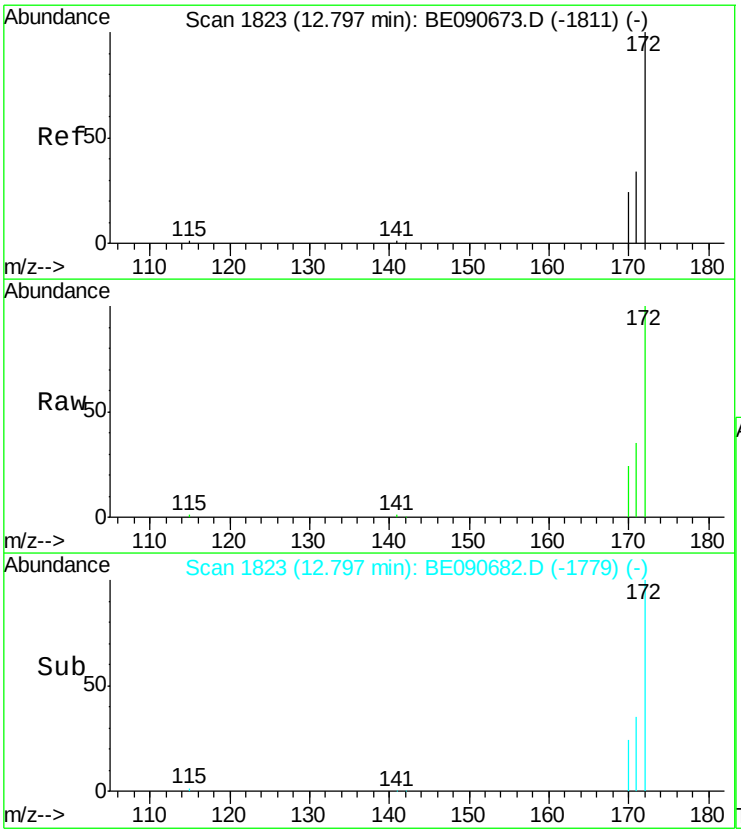
#13
2,4,6-Tribromophenol
Concen: 7.14 ng
RT: 15.68 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 30060

Ion	Ratio	Lower	Upper
330	100		
332	97.8	74.9	112.3
141	178.0	145.2	217.8

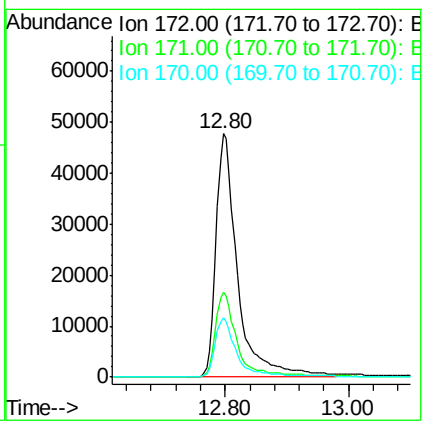


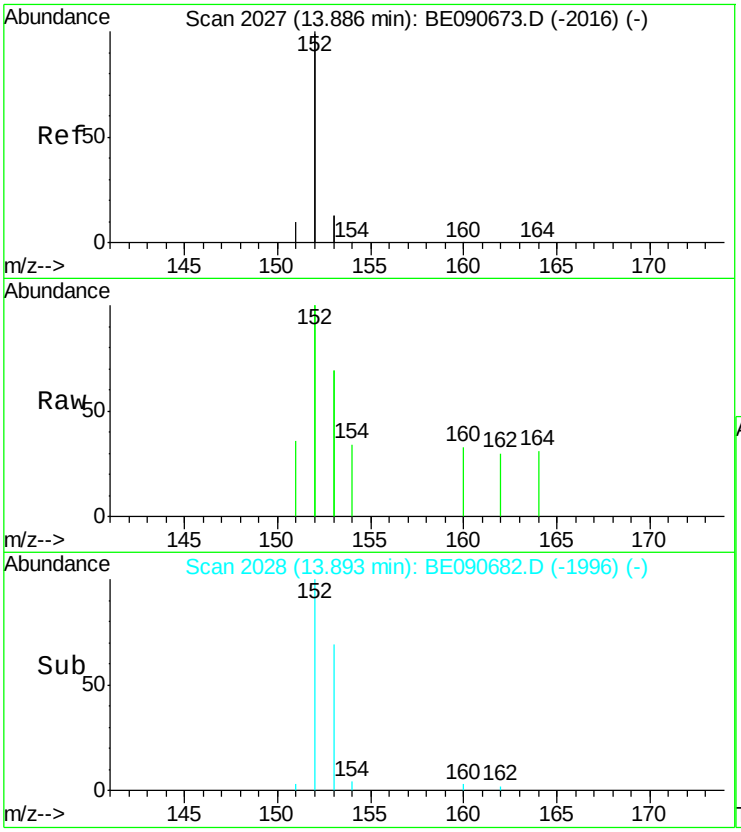


#14
2-Fluorobiphenyl
Concen: 2.91 ng
RT: 12.80 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Tgt Ion:172 Resp: 116030

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.8
170	24.2	19.8	29.6



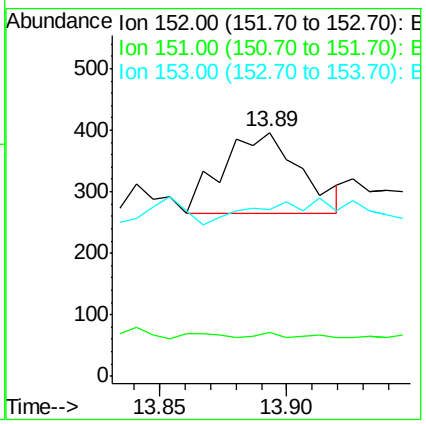


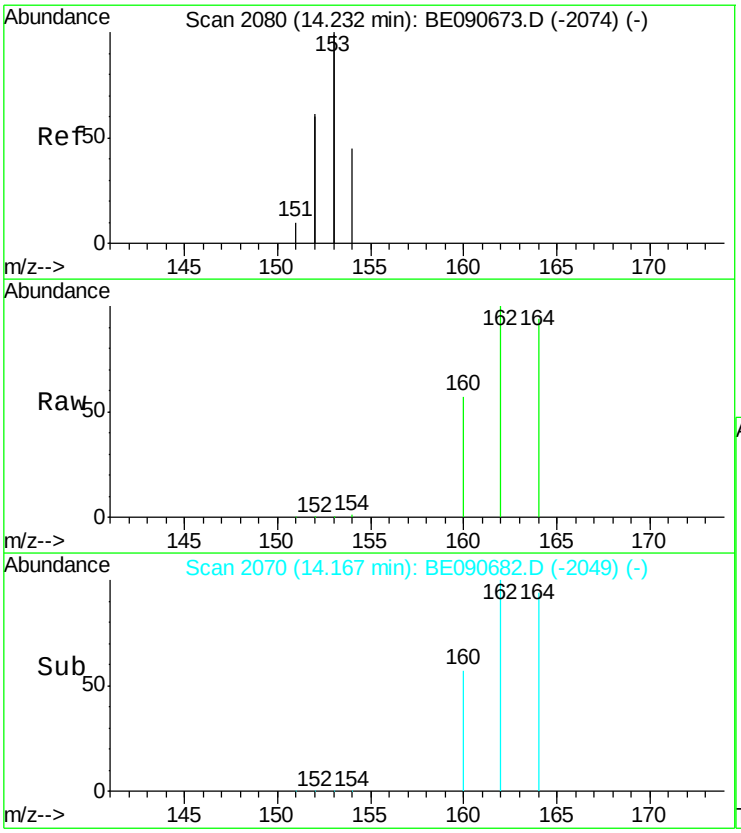
#15
Acenaphthylene
Concen: 0.00 ng
RT: 13.89 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 283

Ion	Ratio	Lower	Upper
152	100		
151	2.5	3.9	5.9#
153	20.5	10.3	15.5#

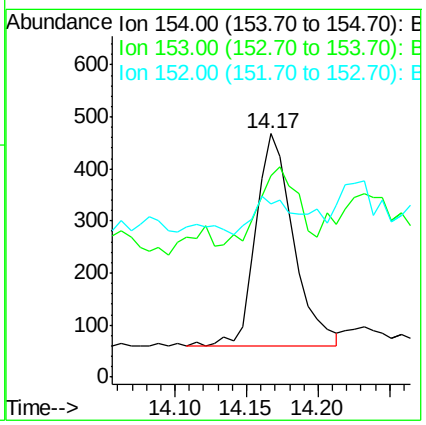


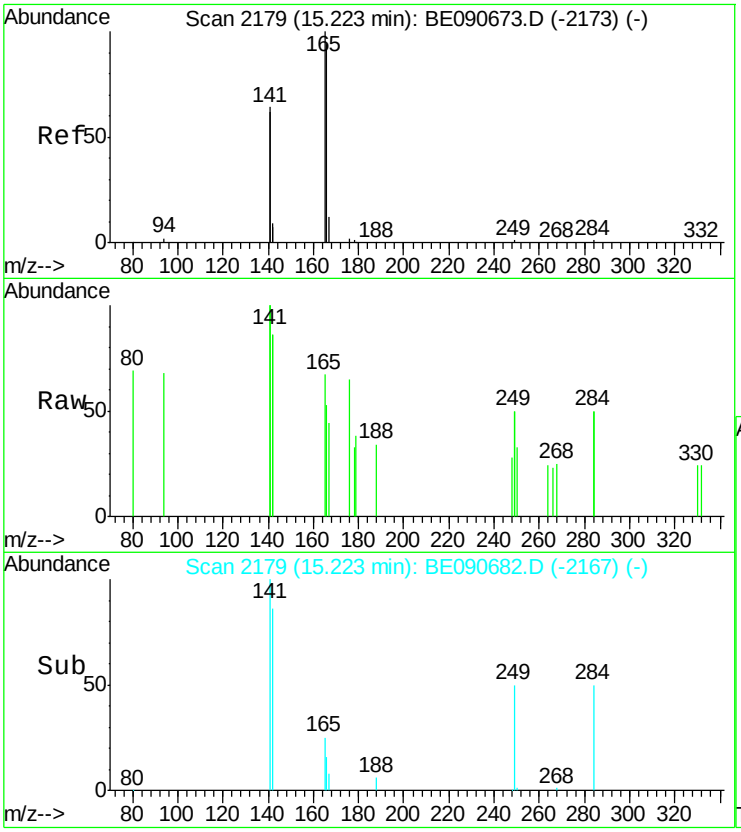


#16
Acenaphthene
Concen: 0.02 ng
RT: 14.17 min Scan# 2070
Delta R.T. -0.06 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Tgt Ion:154 Resp: 756

Ion	Ratio	Lower	Upper
154	100		
153	36.6	354.5	531.7#
152	18.8	227.8	341.6#



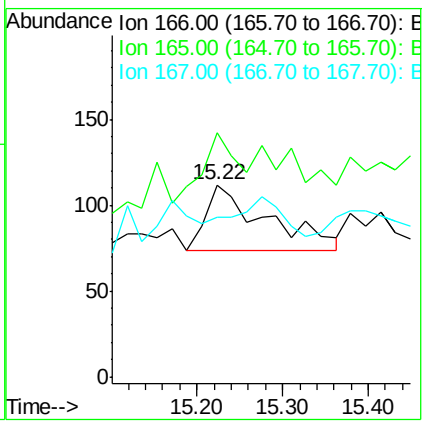


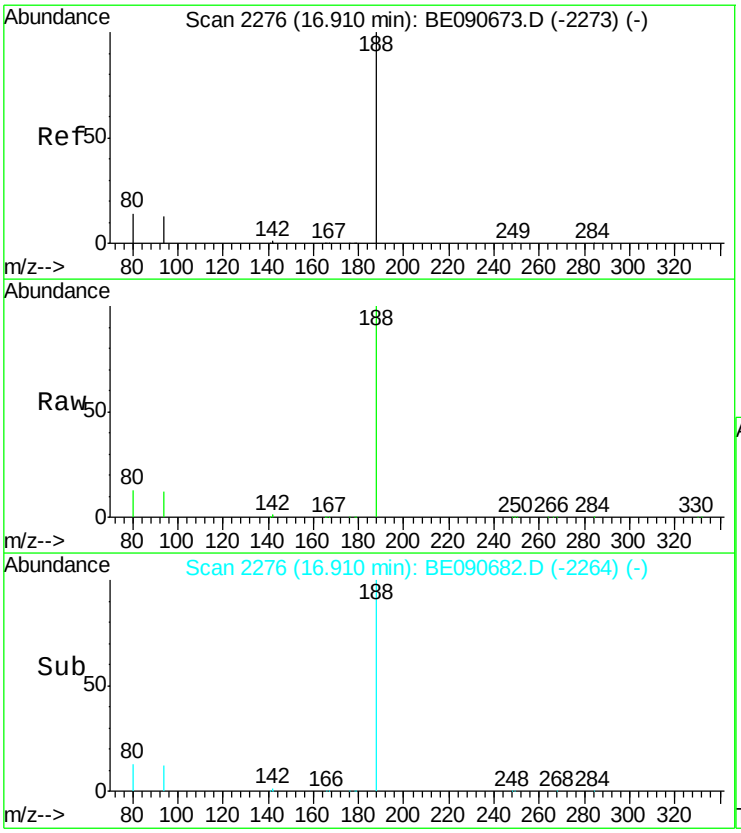
#17
Fluorene
Concen: 0.00 ng
RT: 15.22 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 185

Ion	Ratio	Lower	Upper
166	100		
165	64.3	82.7	124.1#
167	0.0	10.7	16.1#

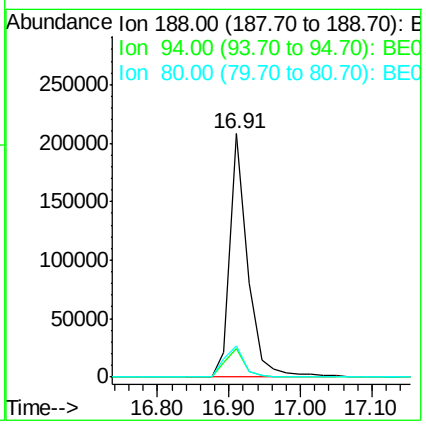


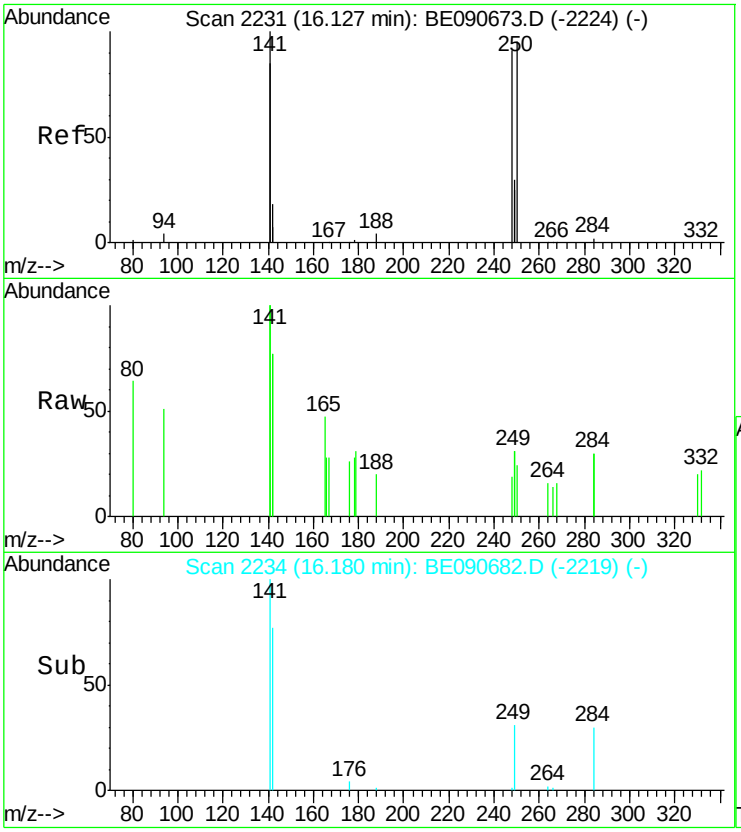


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Tgt Ion:188 Resp: 355708

Ion	Ratio	Lower	Upper
188	100		
94	11.8	10.3	15.5
80	13.0	11.0	16.6



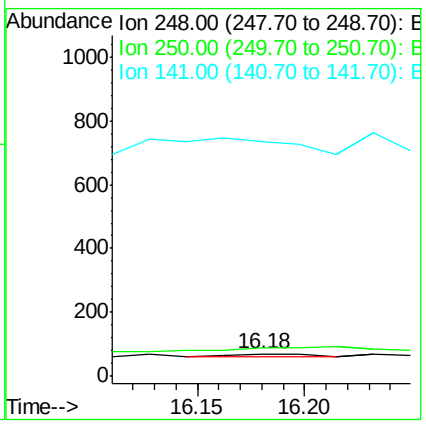


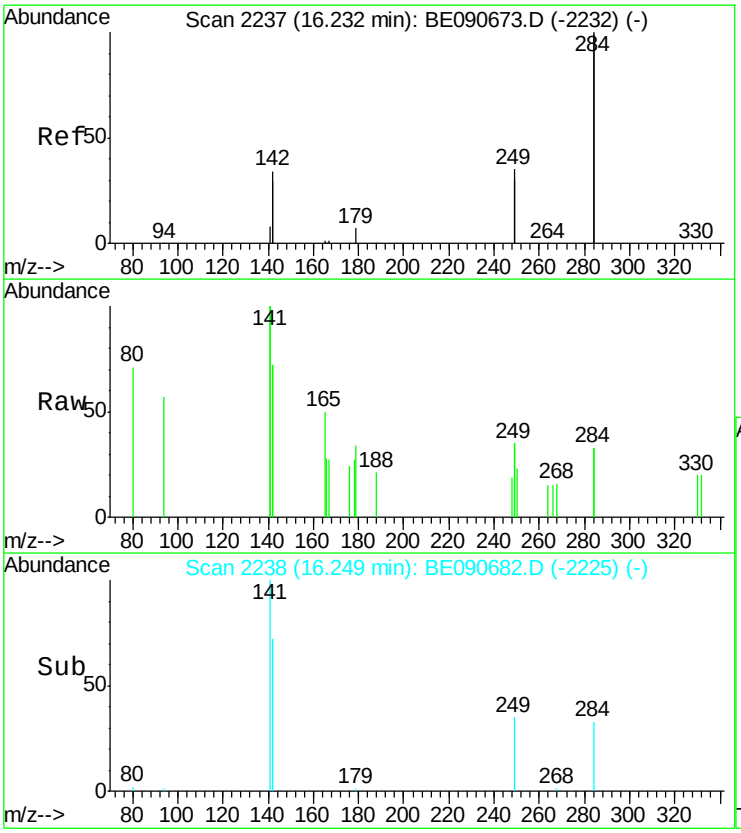
#19
4-Bromophenyl-phenylether
Concen: 0.00 ng
RT: 16.18 min Scan# 2234
Delta R.T. 0.05 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:248 Resp: 25

Ion	Ratio	Lower	Upper
248	100		
250	0.0	76.7	115.1#
141	860.0	292.6	439.0#

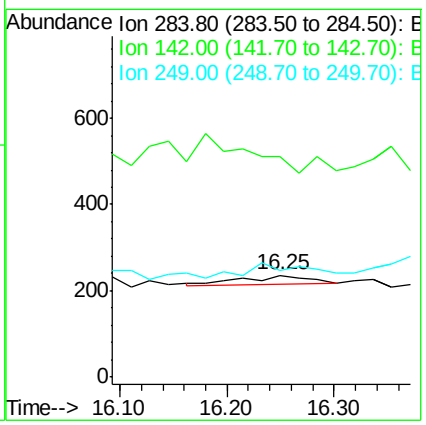


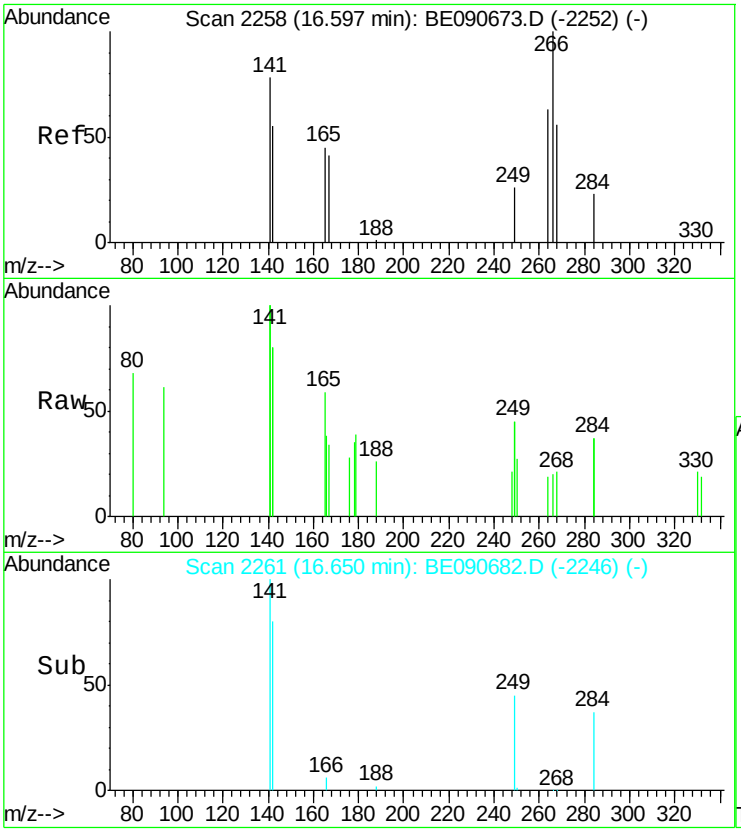


#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.25 min Scan# 2238
Delta R.T. 0.02 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Tgt Ion:284 Resp: 94

Ion	Ratio	Lower	Upper
284	100		
142	0.0	35.0	52.4#
249	140.4	25.5	38.3#



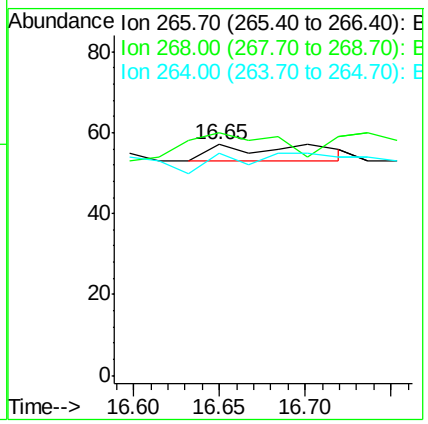


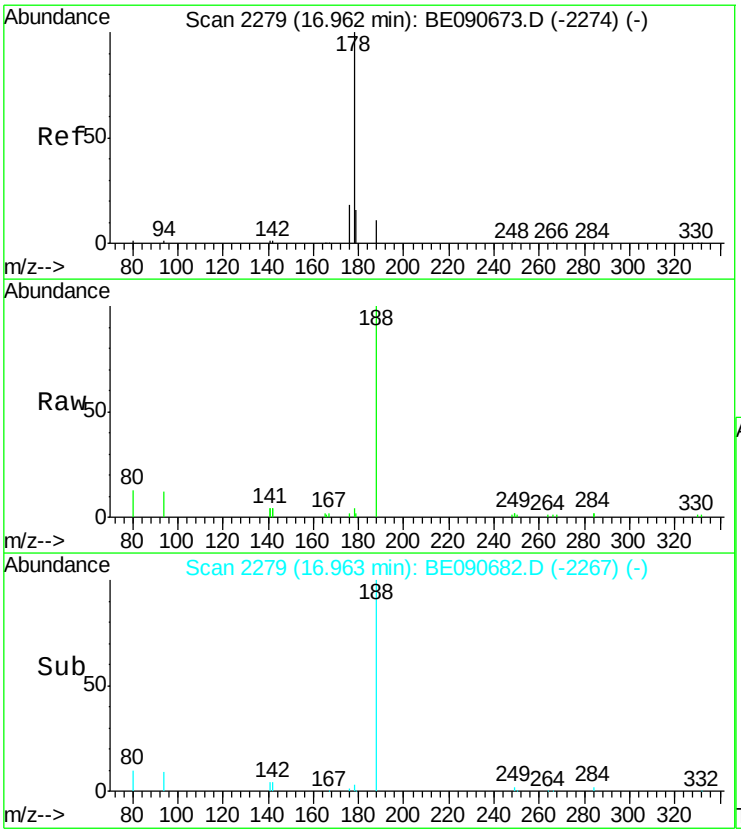
#21
Pentachlorophenol
Concen: Below Cal
RT: 16.65 min Scan# 2261
Delta R.T. 0.05 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 17

Ion	Ratio	Lower	Upper
266	100		
268	105.3	49.6	74.4#
264	96.5	53.9	80.9#

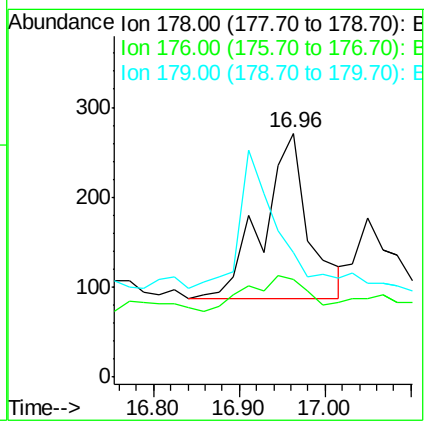


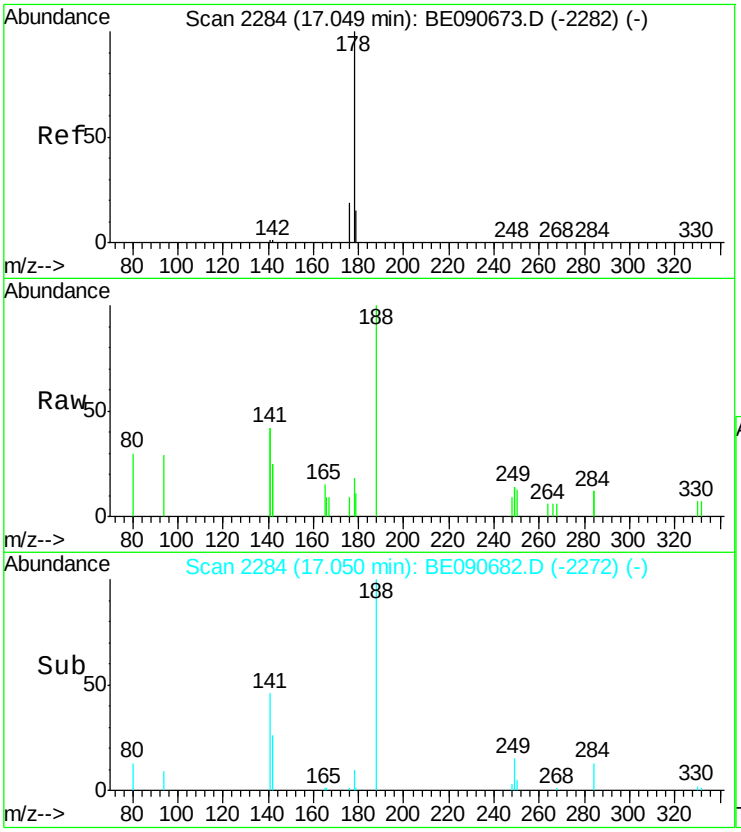


#22
Phenanthrene
Concen: 0.01 ng
RT: 16.96 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Tgt Ion:178 Resp: 677

Ion	Ratio	Lower	Upper
178	100		
176	29.5	15.6	23.4#
179	0.0	12.8	19.2#



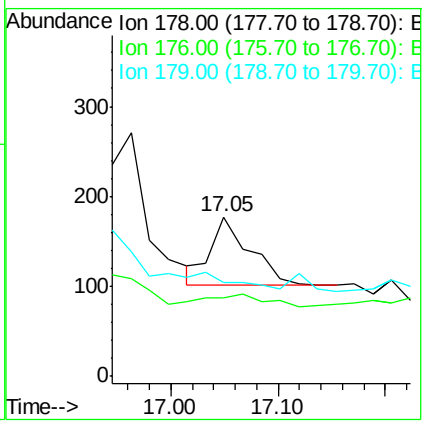


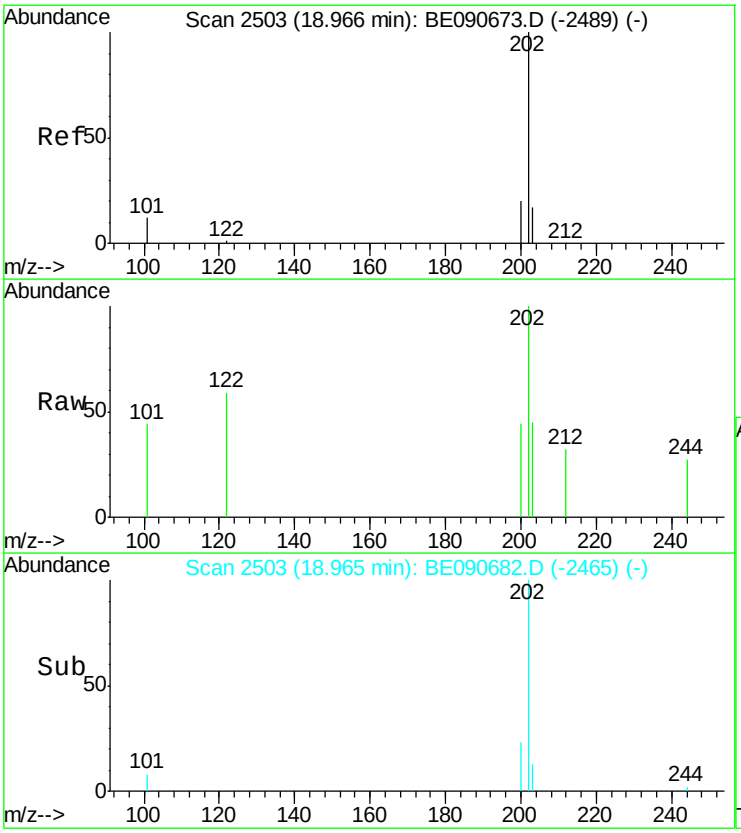
#23
Anthracene
Concen: 0.00 ng
RT: 17.05 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 195

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.0	22.6
179	0.0	12.3	18.5#

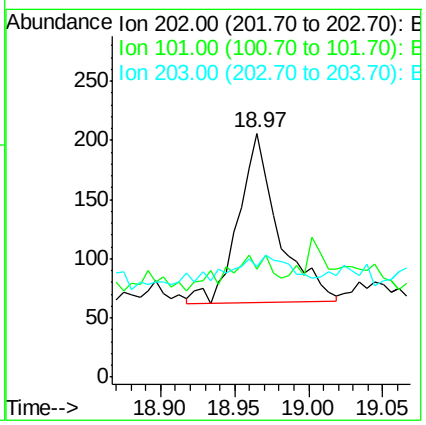


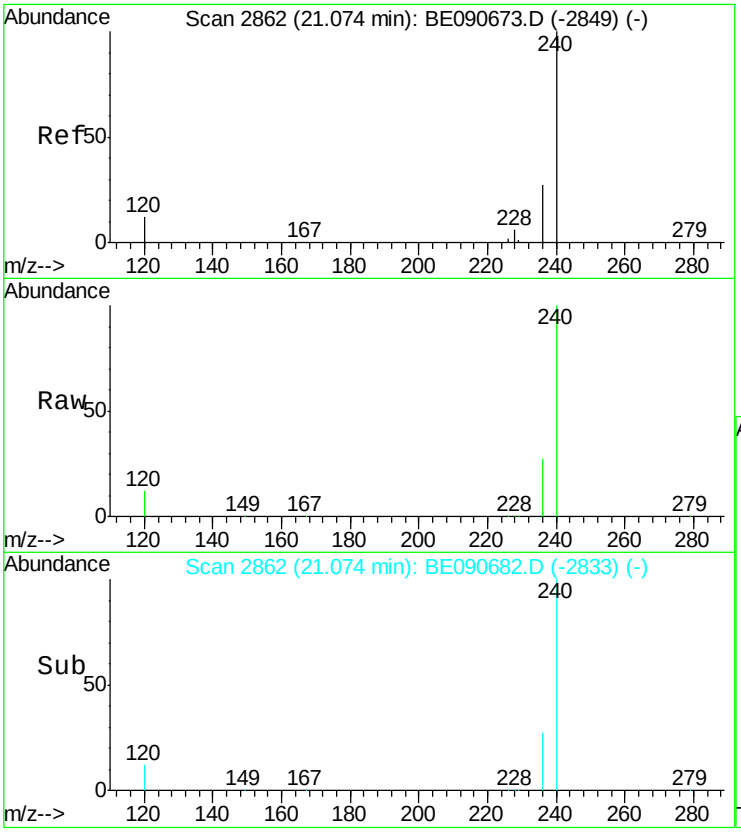


#24
Fluoranthene
Concen: 0.00 ng
RT: 18.97 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Tgt Ion:202 Resp: 268

Ion	Ratio	Lower	Upper
202	100		
101	14.6	11.0	16.6
203	21.6	13.9	20.9#



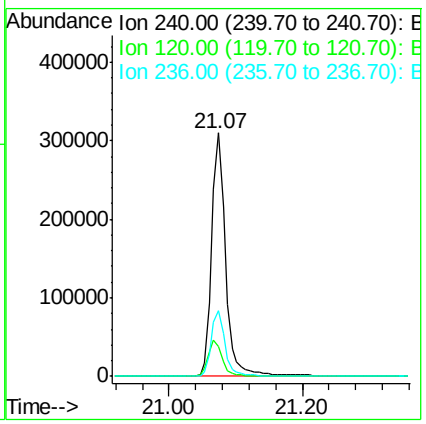


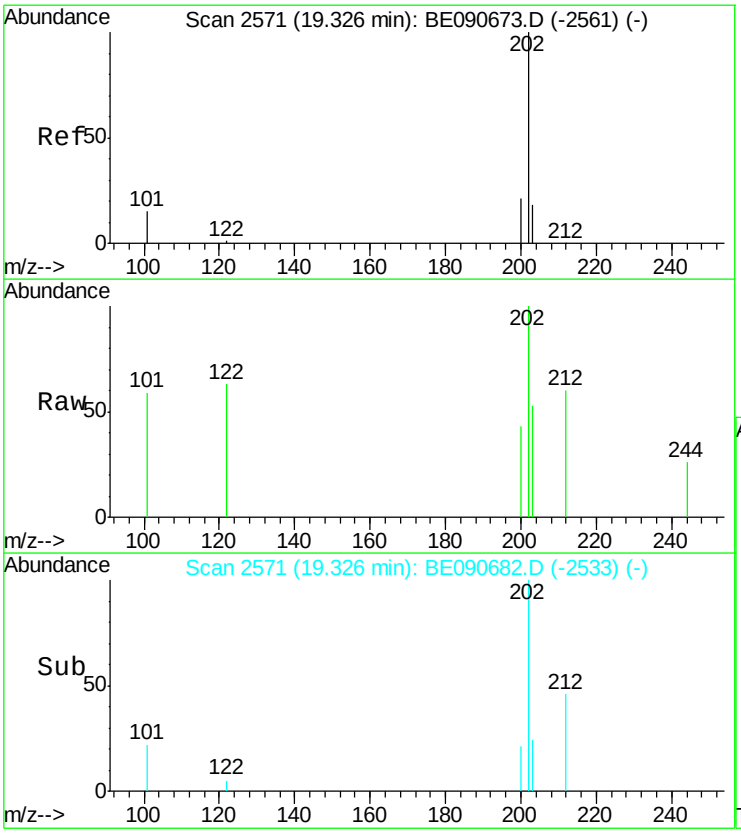
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 443058

Ion	Ratio	Lower	Upper
240	100		
120	12.1	10.1	15.1
236	27.1	21.9	32.9

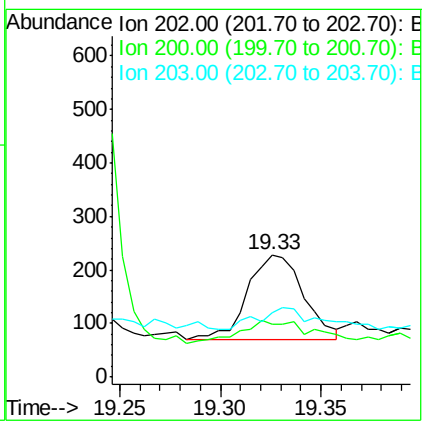


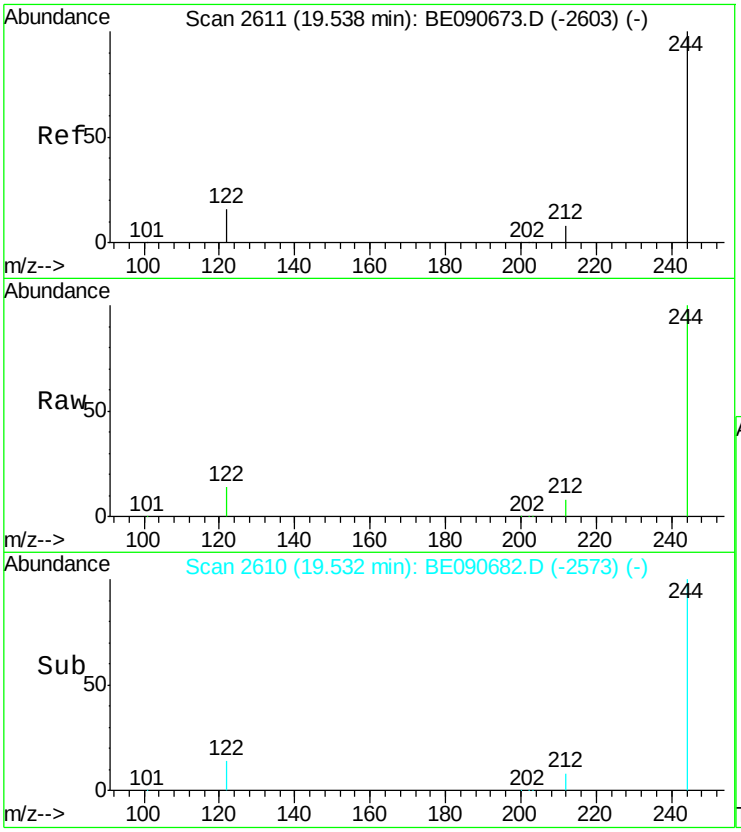


#26
Pyrene
Concen: 0.00 ng
RT: 19.33 min Scan# 2571
Delta R.T. -0.00 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Tgt Ion:202 Resp: 311

Ion	Ratio	Lower	Upper
202	100		
200	34.4	16.7	25.1#
203	28.6	13.8	20.6#



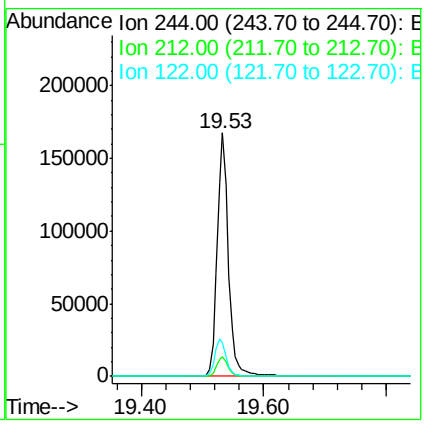


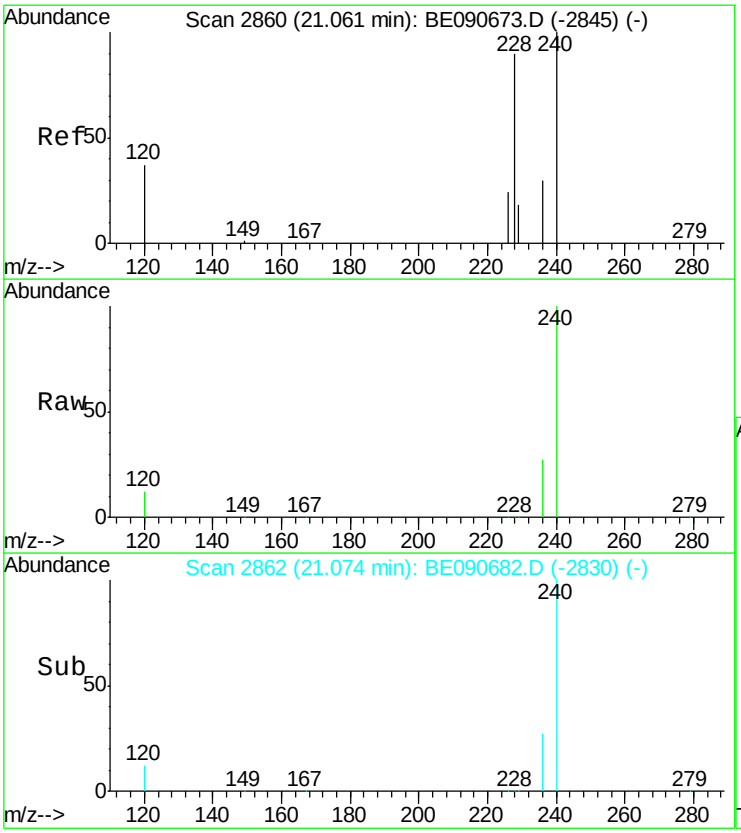
#27
Terphenyl-d14
Concen: 4.42 ng
RT: 19.53 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 216732

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	13.9	12.9	19.3

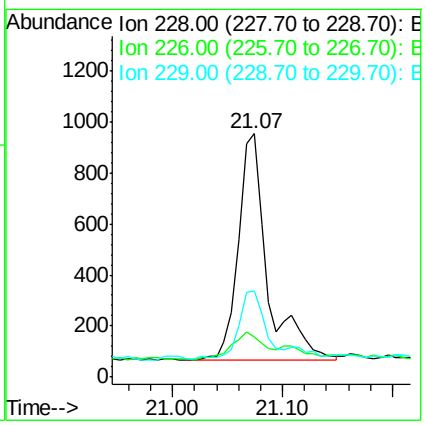


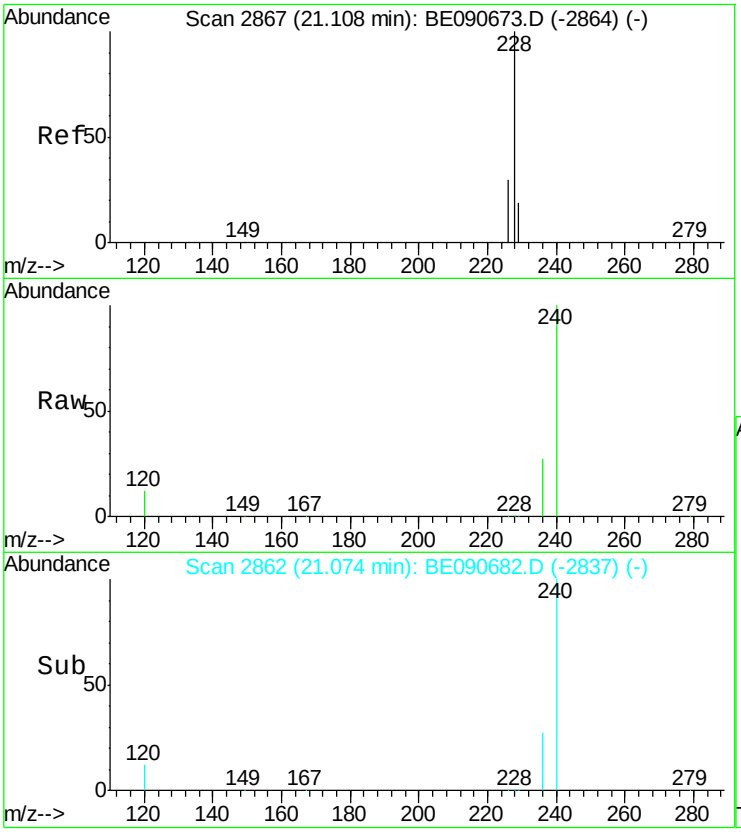


#28
Benzo(a)anthracene
Concen: 0.00 ng
RT: 21.07 min Scan# 2862
Delta R.T. 0.01 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Tgt Ion:228 Resp: 1616

Ion	Ratio	Lower	Upper
228	100		
226	16.7	21.6	32.4#
229	35.2	15.9	23.9#



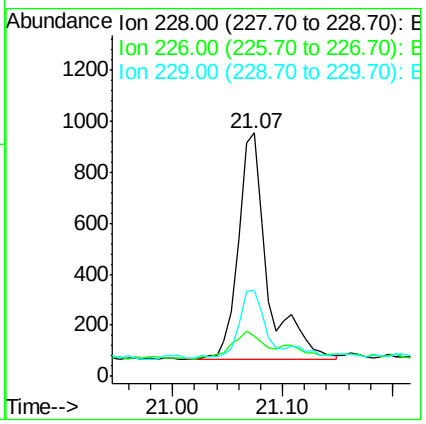


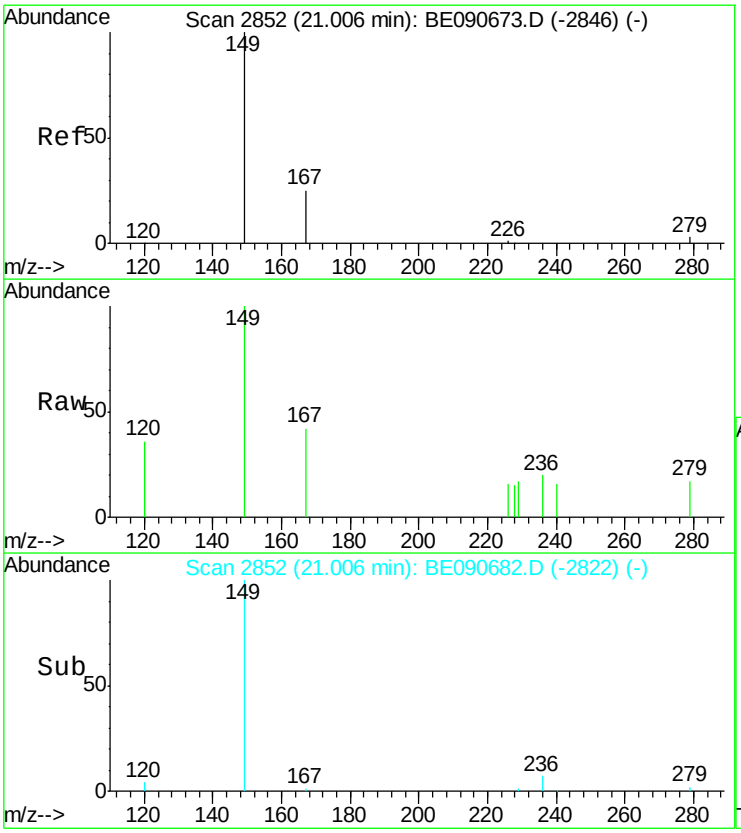
#29
Chrysene
Concen: Below Cal
RT: 21.07 min Scan# 2862
Delta R.T. -0.03 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 1616

Ion	Ratio	Lower	Upper
228	100		
226	16.7	24.2	36.4#
229	35.2	15.3	22.9#

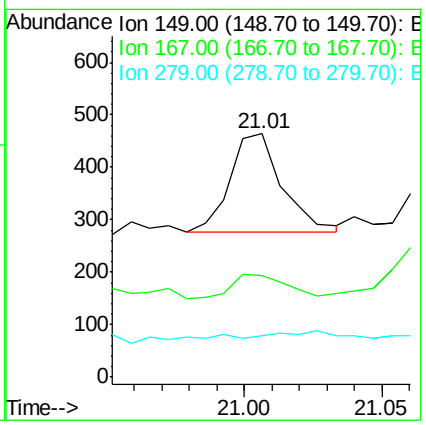


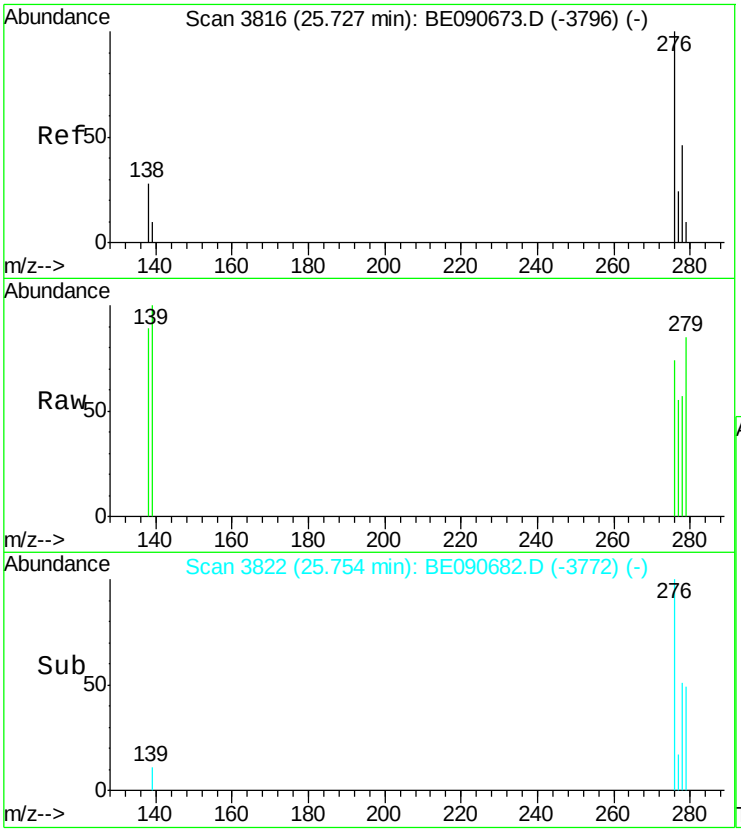


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.07 ng
RT: 21.01 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Tgt Ion:149 Resp: 249

Ion	Ratio	Lower	Upper
149	100		
167	26.5	20.1	30.1
279	12.4	2.3	3.5#



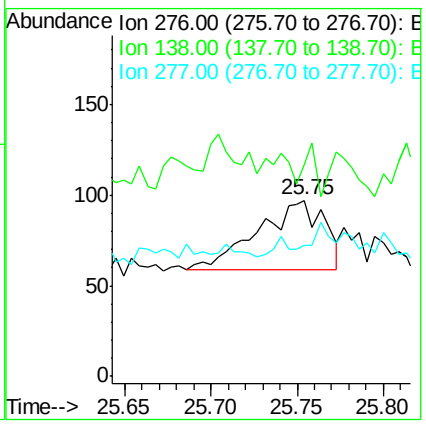


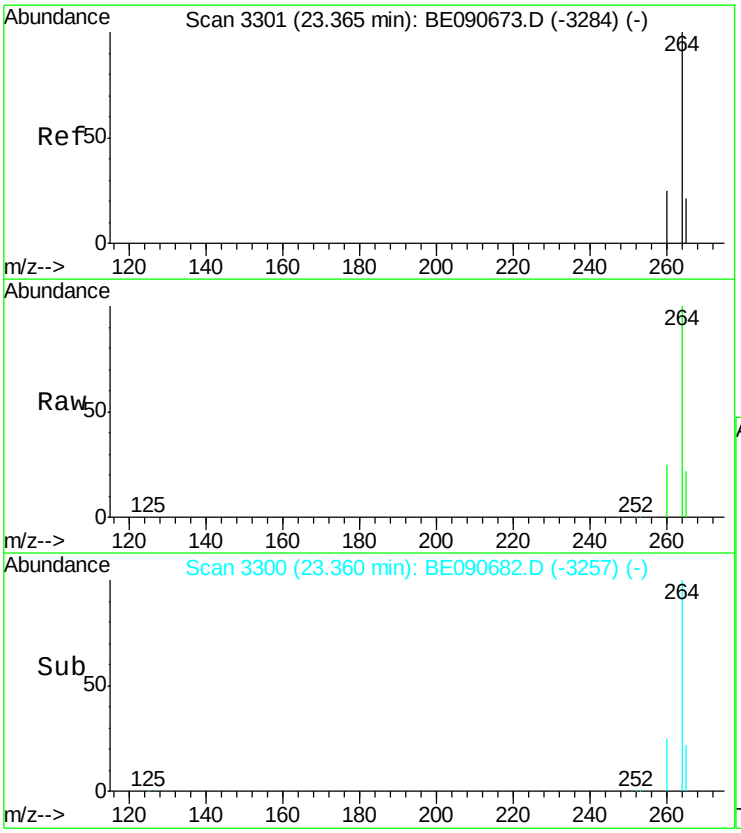
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 25.75 min Scan# 3822
Delta R.T. 0.03 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 102

Ion	Ratio	Lower	Upper
276	100		
138	12.7	23.3	34.9#
277	6.9	19.8	29.6#

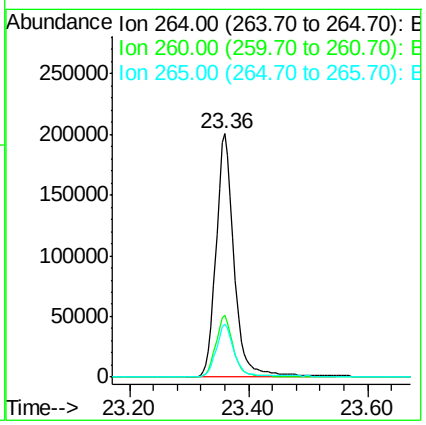


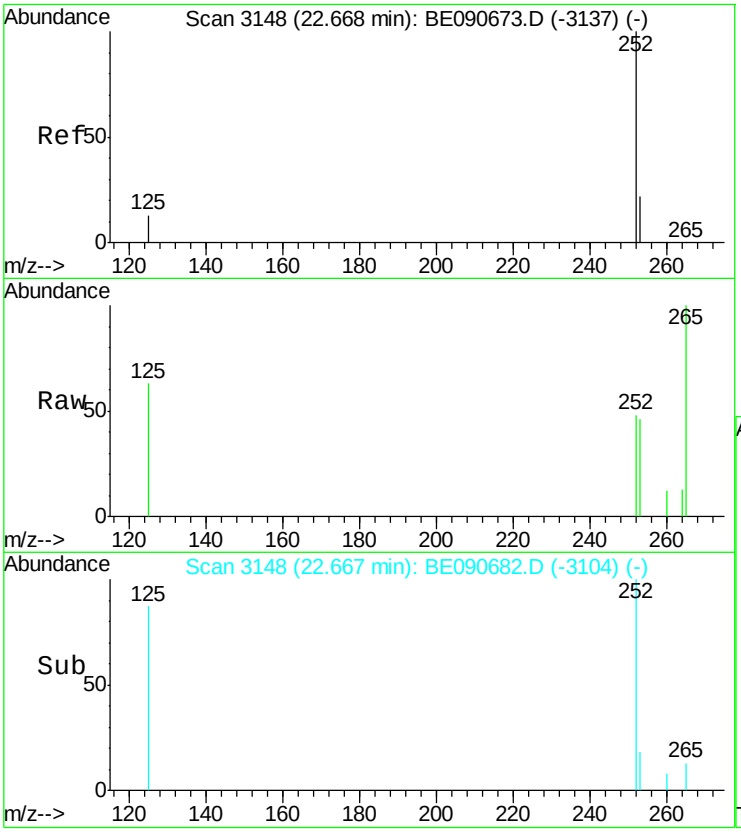


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3300
Delta R.T. -0.00 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Tgt Ion:264 Resp: 424015

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.7	29.5
265	21.8	17.5	26.3



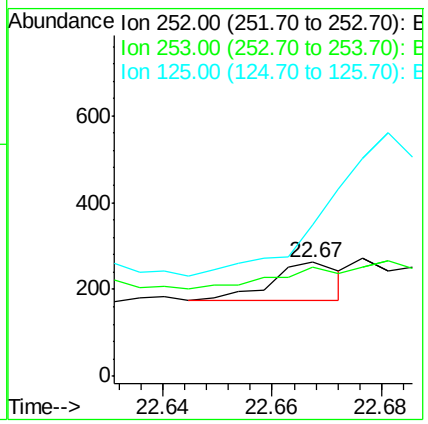


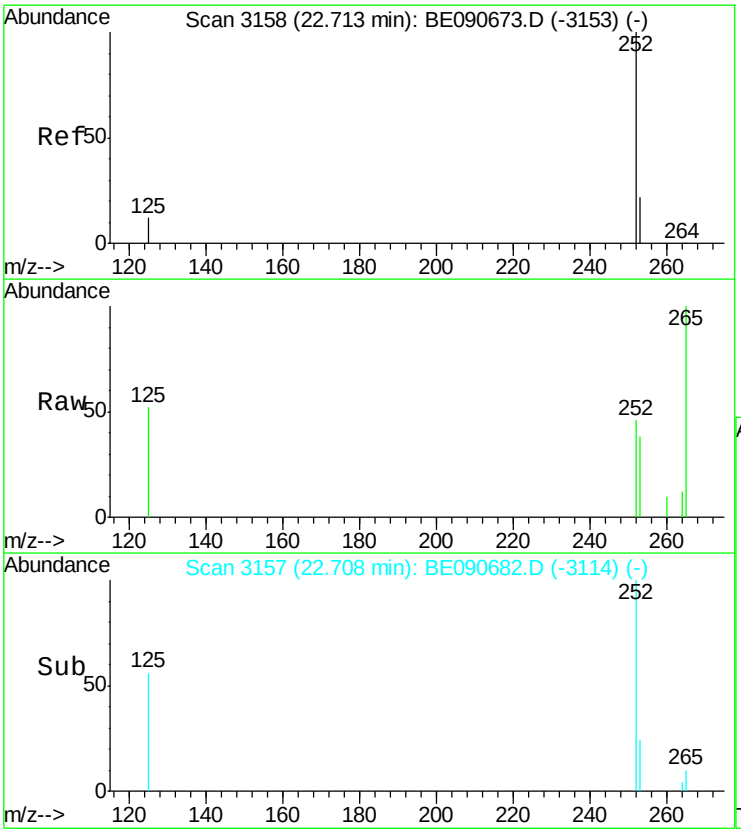
#33
Benzo(b)fluoranthene
Concen: 0.00 ng
RT: 22.67 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 77

Ion	Ratio	Lower	Upper
252	100		
253	95.4	17.9	26.9#
125	132.8	10.6	16.0#

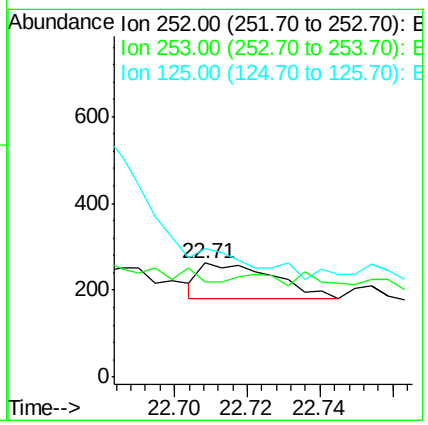


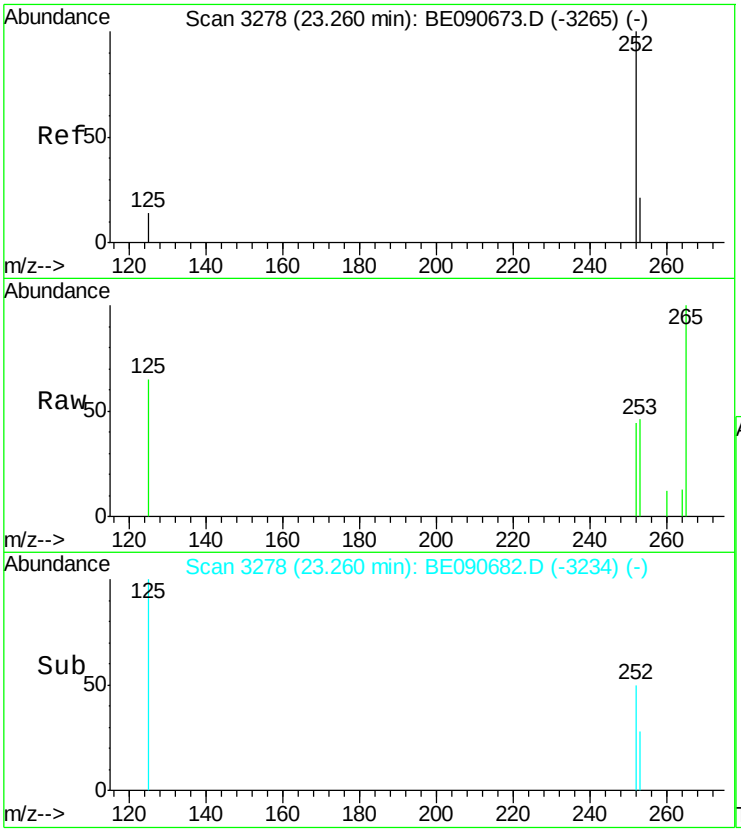


#34
Benzo(k)fluoranthene
Concen: 0.00 ng
RT: 22.71 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Tgt Ion:252 Resp: 111

Ion	Ratio	Lower	Upper
252	100		
253	83.6	17.9	26.9#
125	113.4	10.1	15.1#



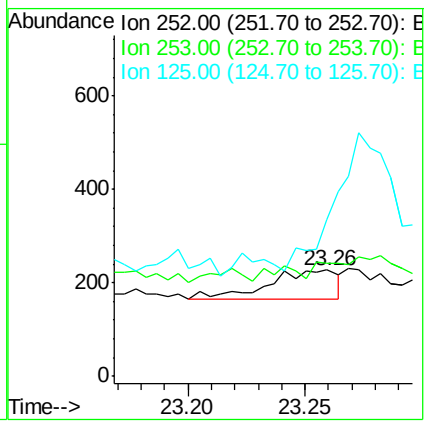


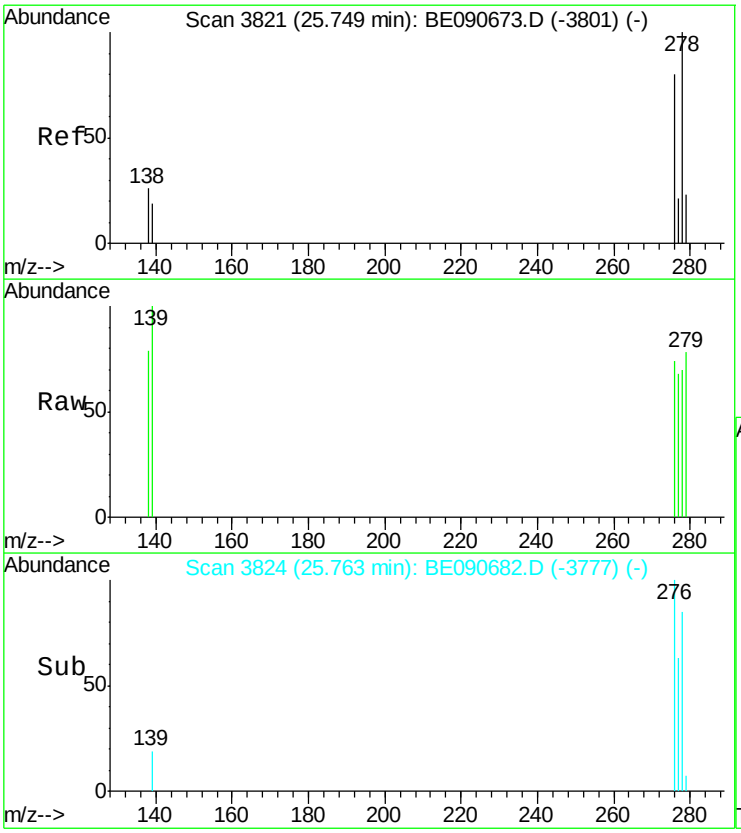
#35
Benzo(a)pyrene
Concen: 0.00 ng
RT: 23.26 min Scan# 3278
Delta R.T. -0.00 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 134

Ion	Ratio	Lower	Upper
252	100		
253	106.2	17.5	26.3#
125	147.6	11.6	17.4#

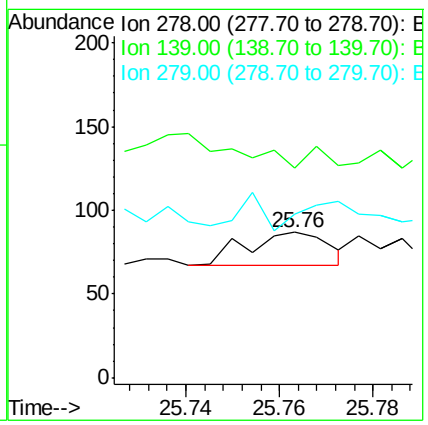


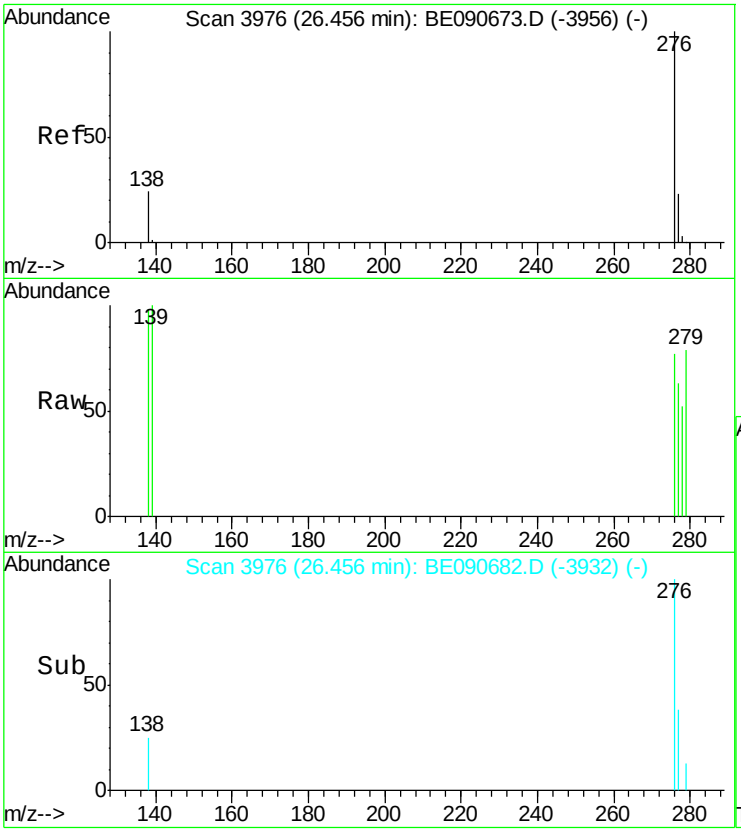


#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.76 min Scan# 3824
Delta R.T. 0.01 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Tgt Ion:278 Resp: 24

Ion	Ratio	Lower	Upper
278	100		
139	143.7	15.4	23.0#
279	112.6	18.8	28.2#





#37
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 26.46 min Scan# 3976
Delta R.T. 0.00 min
Lab File: BE090682.D
Acq: 2 Sep 2015 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 53

Ion	Ratio	Lower	Upper
276	100		
277	81.5	18.5	27.7#
138	127.2	20.1	30.1#