Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090115\
Data File : BE090672.D
Acq On : 1 Sep 2015 18:43
Operator : UM/IZ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Sep 02 01:30:15 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 01:28:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	44680	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	179966	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	78753	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	184319	5.00	ng	0.00
25) Chrysene-d12	21.07	240	236937	5.00	ng	0.00
32) Perylene-d12	23.36	264	233696	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	7244	0.58	ng	0.00
5) Phenol-d6	6.75	99	9710	0.53	ng	0.00
7) Nitrobenzene-d5	8.71	82	9850	0.70	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	1639	0.56	ng	0.02
14) 2-Fluorobiphenyl	12.80	172	18858	0.81	ng	0.00
27) Terphenyl-d14	19.54	244	19844	0.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	6061	1.01	ng	99
3) n-Nitrosodimethylamine	3.45	42	6972	0.89	ng	97
8) Nitrobenzene	8.75	77	10513	0.72	ng	99
9) Naphthalene	10.36	128	32568	0.80	ng	100
10) Hexachlorobutadiene	10.65	225	5251	0.87	ng	99
11) 2-Methylnaphthalene	11.99	142	16468	0.63	ng	97
15) Acenaphthylene	13.89	152	103268	0.73	ng	99
16) Acenaphthene	14.23	154	18017	0.83	ng	99
17) Fluorene	15.22	166	20835	0.79	ng	99
19) 4-Bromophenyl-phenylether	16.13	248	5150	0.70	ng	99
20) Hexachlorobenzene	16.23	284	29929	0.89	ng	97
21) Pentachlorophenol	16.61	266	1402	0.50	ng	92
22) Phenanthrene	16.96	178	38355	0.80	ng	100
23) Anthracene	17.05	178	30283	0.69	ng	99
24) Fluoranthene	18.97	202	36775	0.72	ng	100
26) Pyrene	19.33	202	37170	0.57	ng	100
28) Benzo(a)anthracene	21.06	228	42677	0.69	ng	99
29) Chrysene	21.11	228	50834	0.80	ng	100
30) Bis(2-ethylhexyl)phthalate	21.01	149	11125	0.34	ng	100
31) Indeno(1,2,3-cd)pyrene	25.73	276	50601	0.85	ng	98
33) Benzo(b)fluoranthene	22.67	252	40323	0.74	ng	99
34) Benzo(k)fluoranthene	22.71	252	46043	0.74	ng	99
35) Benzo(a)pyrene	23.26	252	35395	0.70	ng	99
36) Dibenzo(a,h)anthracene	25.75	278	39807	0.80	ng	99
37) Benzo(g,h,i)perylene	26.45	276	44789	0.83	ng	99

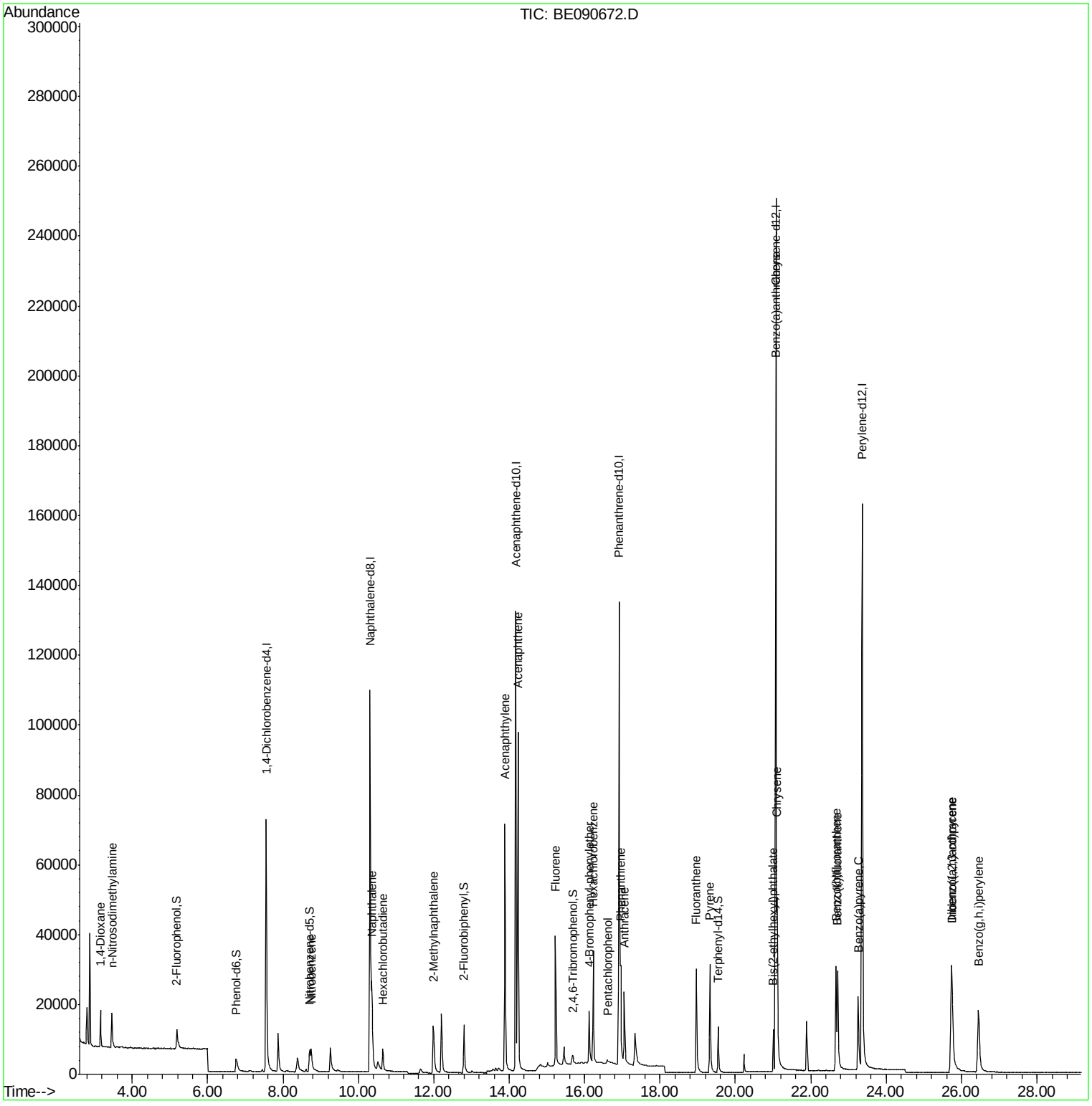
(#) = qualifier out of range (m) = manual integration (+) = signals summed

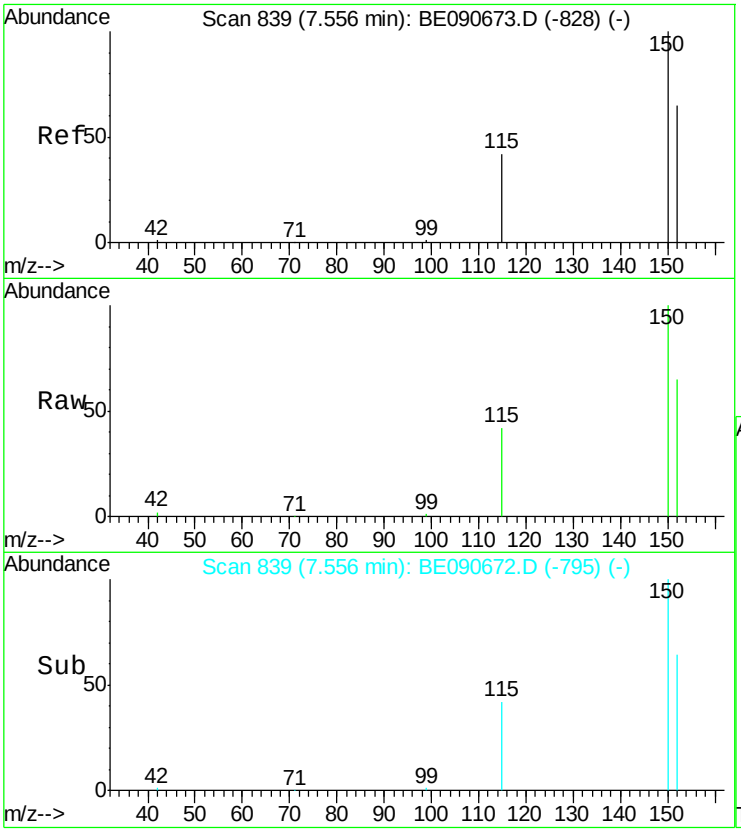
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090115\
Data File : BE090672.D
Acq On : 1 Sep 2015 18:43
Operator : UM/IZ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Sep 02 01:30:15 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 01:28:15 2015
Response via : Initial Calibration



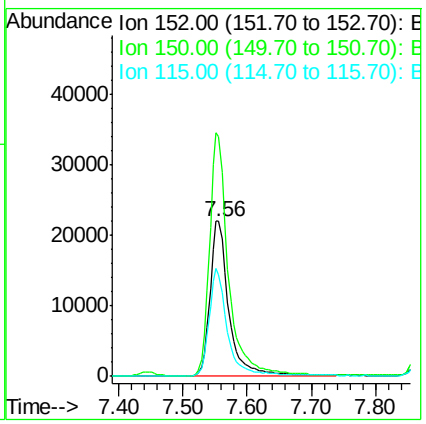


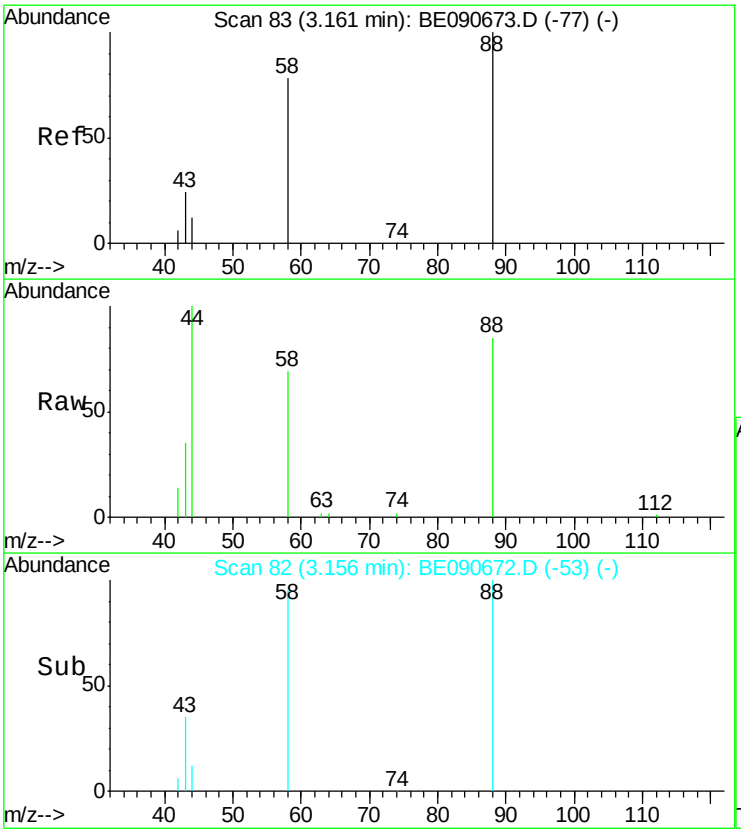
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.56 min Scan# 839
Delta R.T. -0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 44680

Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.2	183.4
115	65.2	51.0	76.4

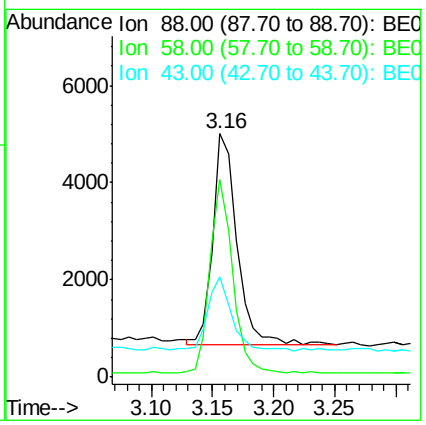


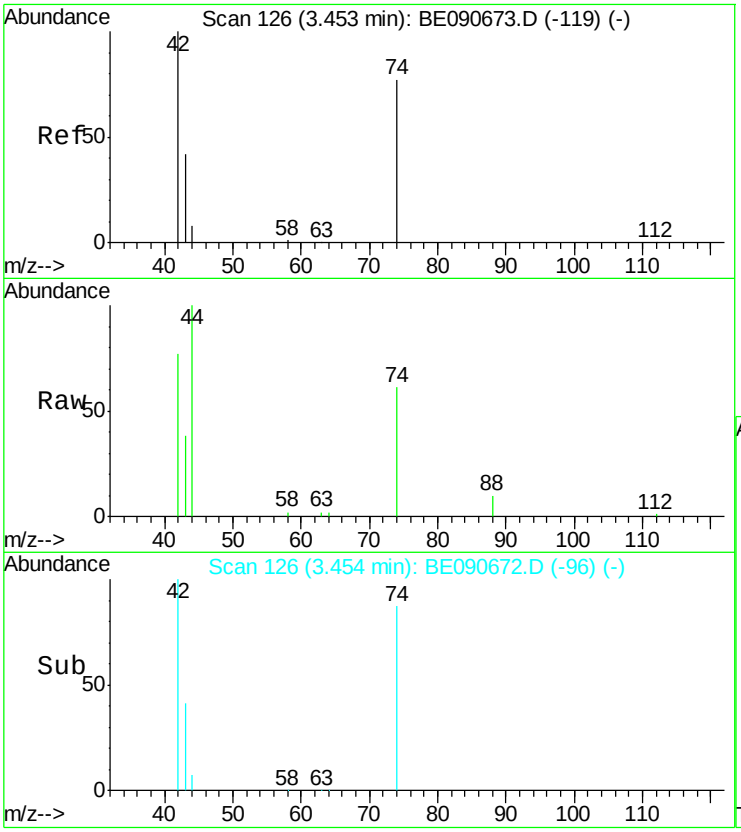


#2
1,4-Dioxane
Concen: 1.01 ng
RT: 3.16 min Scan# 82
Delta R.T. -0.01 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Tgt Ion: 88 Resp: 6061

Ion	Ratio	Lower	Upper
88	100		
58	84.2	68.4	102.6
43	34.5	26.9	40.3



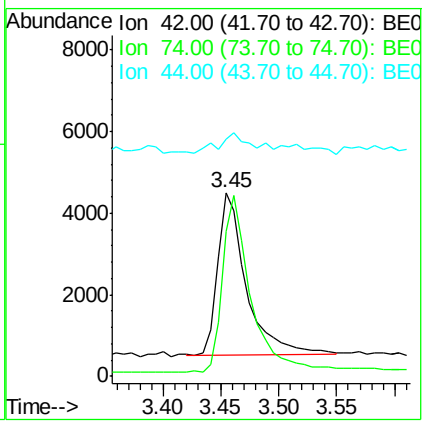


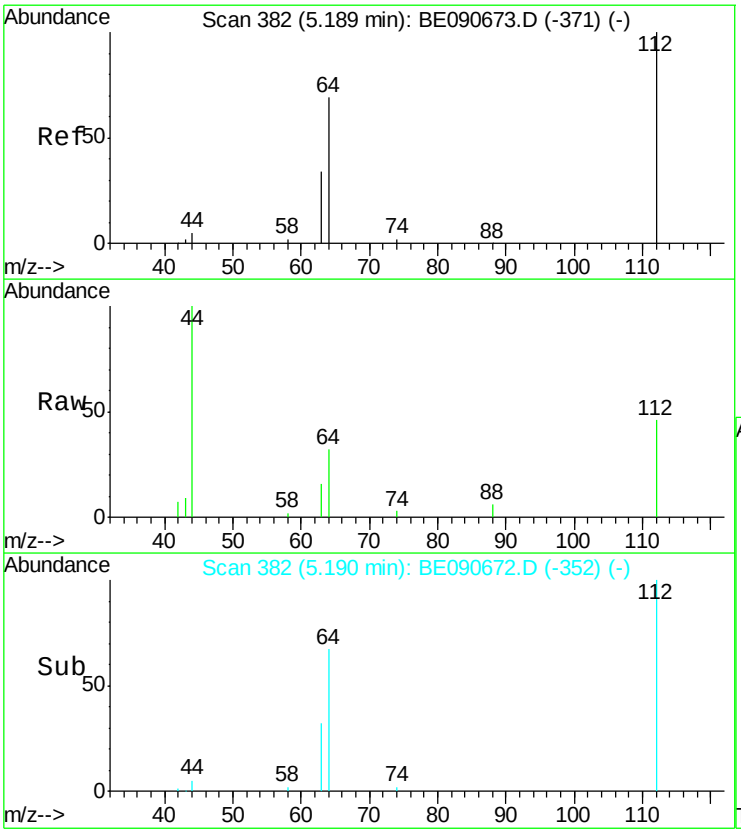
#3
n-Nitrosodimethylamine
Concen: 0.89 ng
RT: 3.45 min Scan# 126
Delta R.T. 0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 6972

Ion	Ratio	Lower	Upper
42	100		
74	107.5	83.7	125.5
44	12.0	10.0	15.0

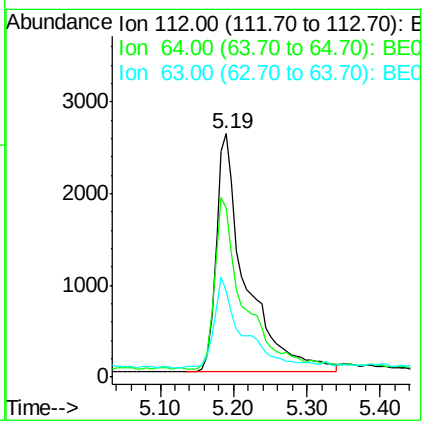


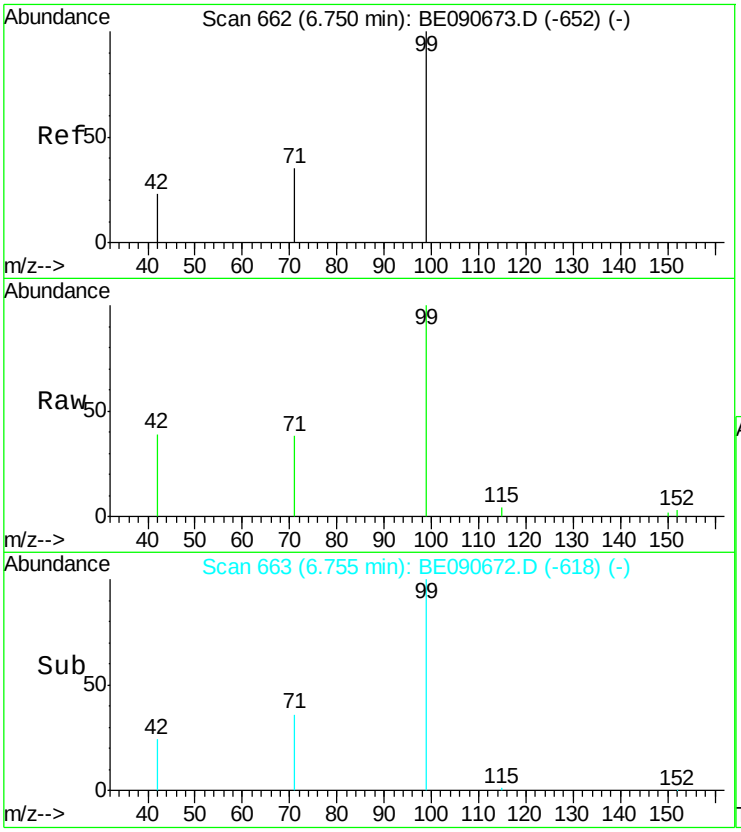


#4
2-Fluorophenol
Concen: 0.58 ng
RT: 5.19 min Scan# 382
Delta R.T. 0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Tgt Ion:112 Resp: 7244

Ion	Ratio	Lower	Upper
112	100		
64	72.8	57.3	85.9
63	37.4	29.2	43.8



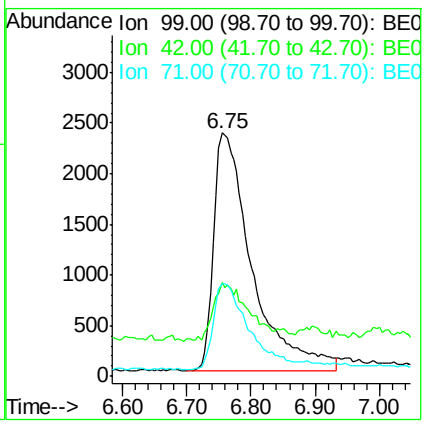


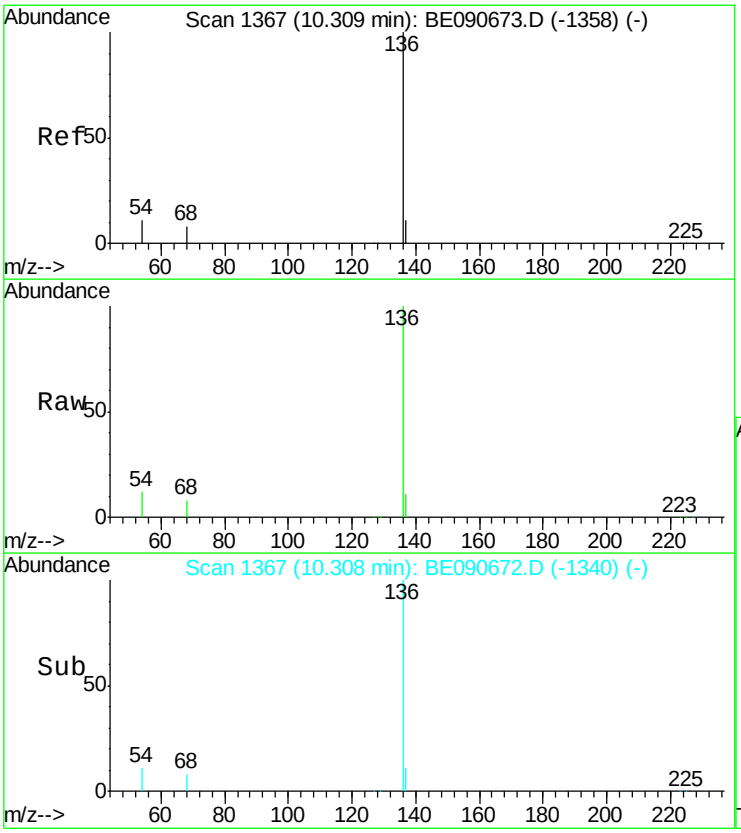
#5
Phenol-d6
Concen: 0.53 ng
RT: 6.75 min Scan# 663
Delta R.T. 0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 9710

Ion	Ratio	Lower	Upper
99	100		
42	22.0	16.8	25.2
71	34.0	28.3	42.5

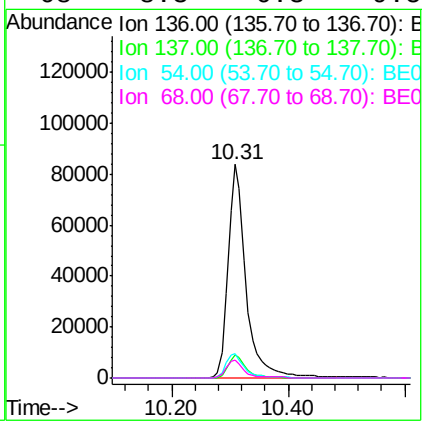


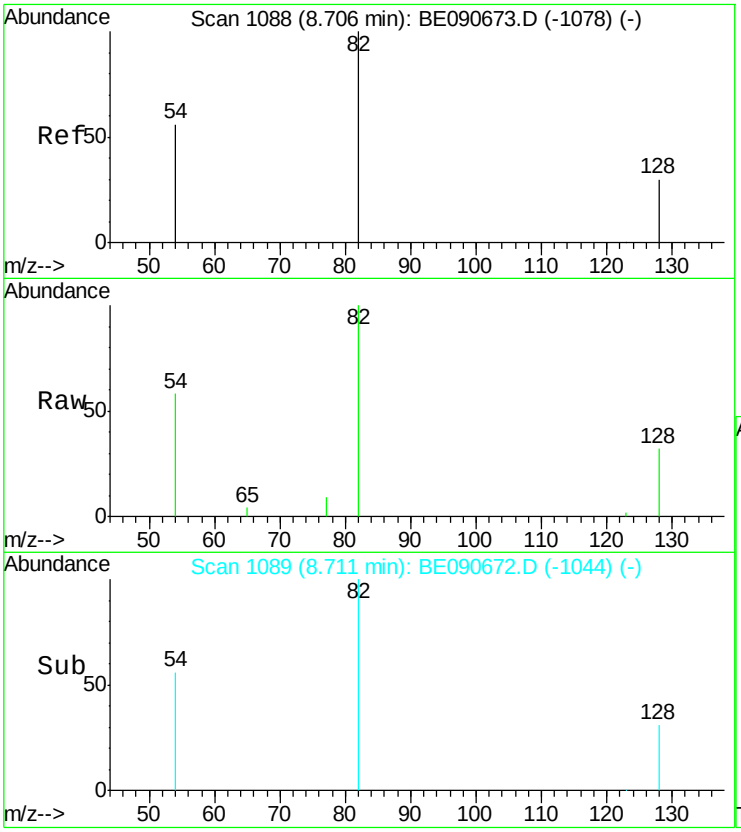


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Tgt Ion:136 Resp: 179966

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.6	9.0	13.6
68	8.3	6.3	9.5



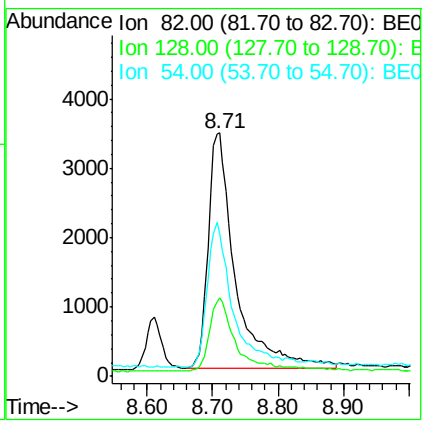


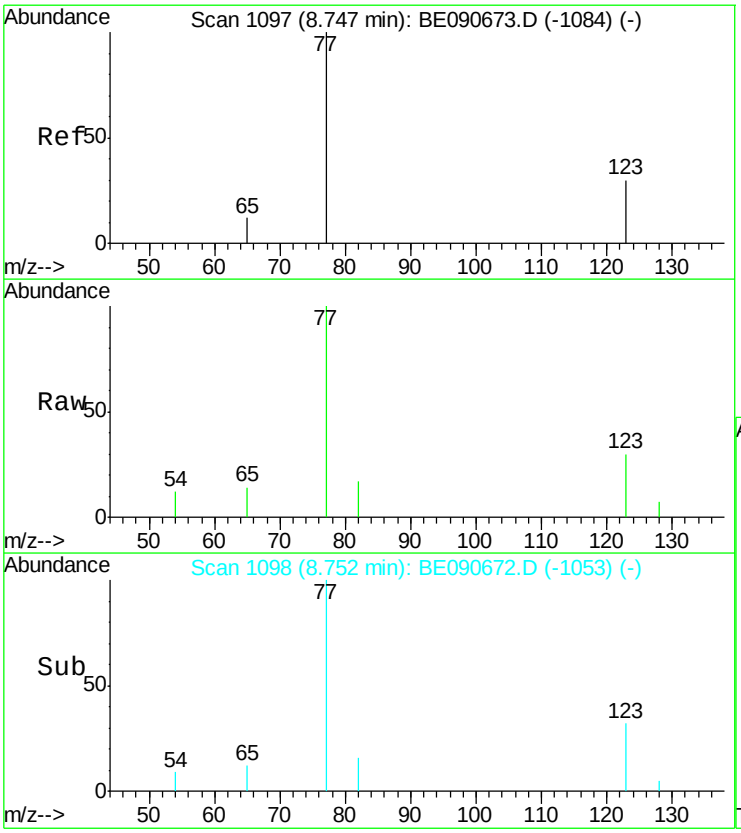
#7
Nitrobenzene-d5
Concen: 0.70 ng
RT: 8.71 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 82 Resp: 9850

Ion	Ratio	Lower	Upper
82	100		
128	32.5	25.0	37.4
54	58.3	46.3	69.5

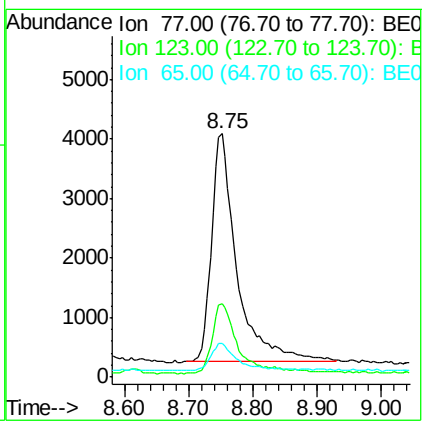


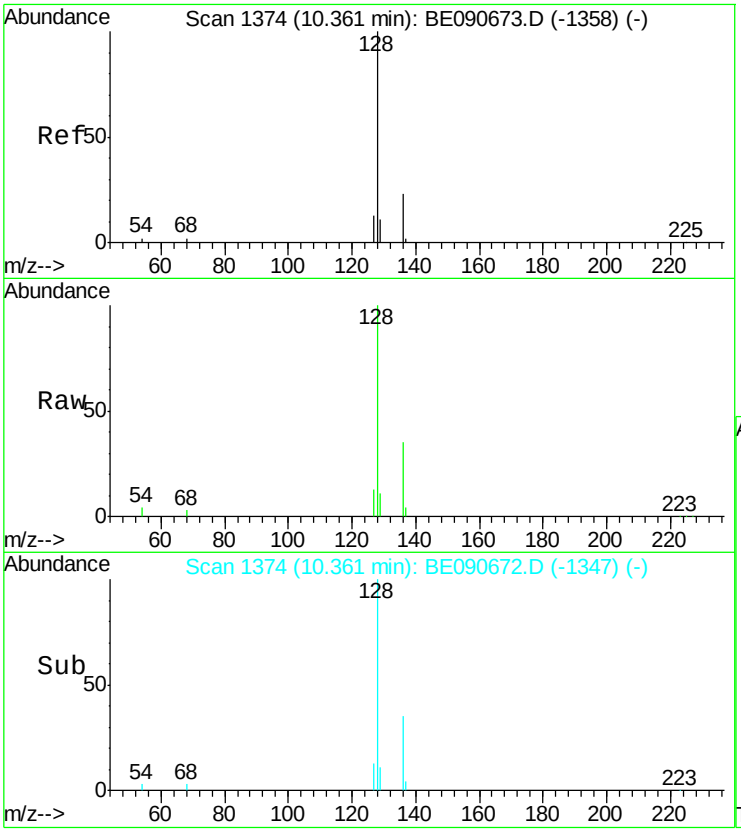


#8
Nitrobenzene
Concen: 0.72 ng
RT: 8.75 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Tgt Ion: 77 Resp: 10513

Ion	Ratio	Lower	Upper
77	100		
123	30.8	25.1	37.7
65	11.5	9.9	14.9



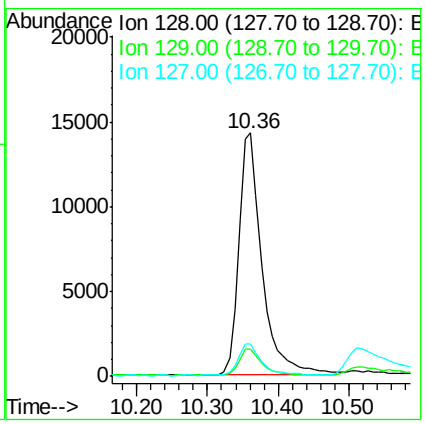


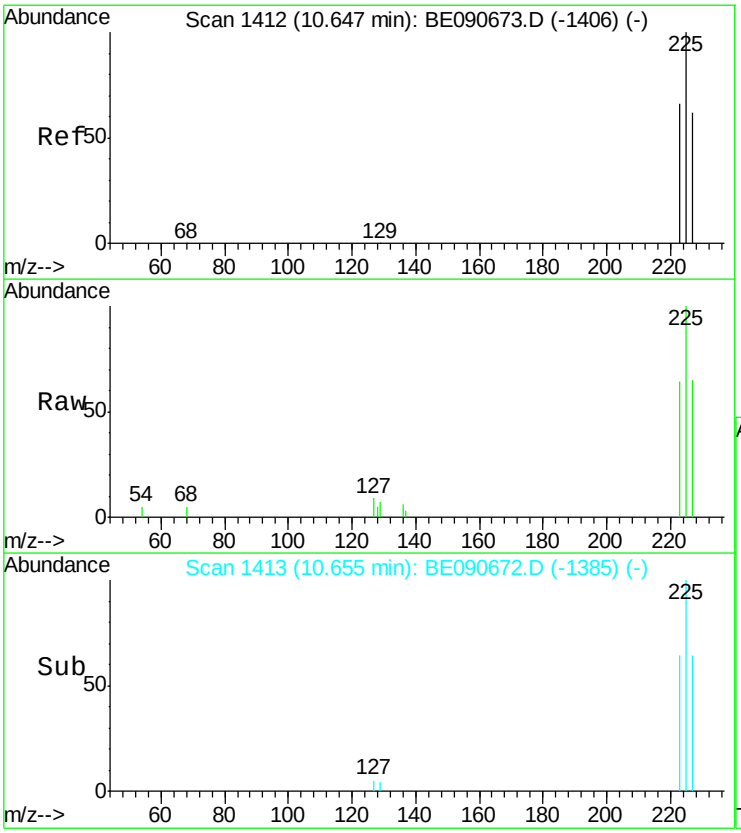
#9
Naphthalene
Concen: 0.80 ng
RT: 10.36 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 32568

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.1	10.6	15.8

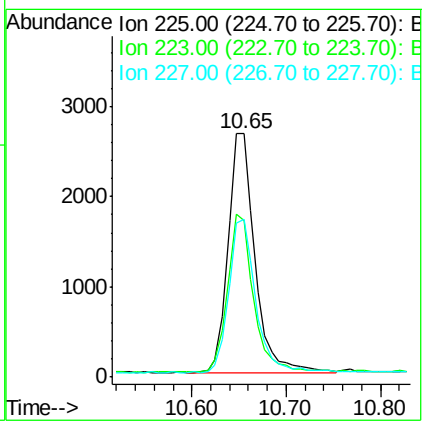


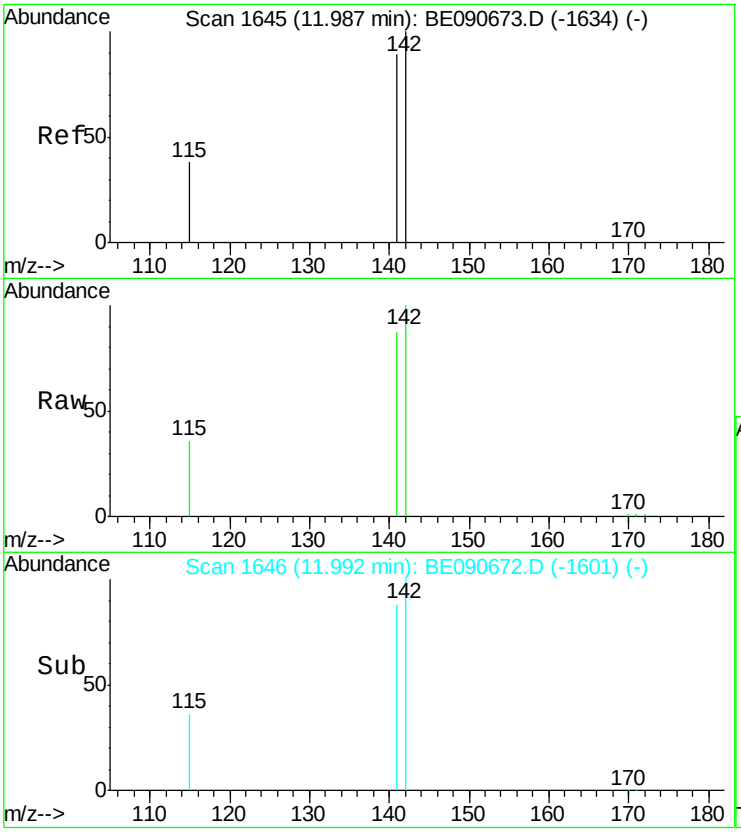


#10
Hexachlorobutadiene
Concen: 0.87 ng
RT: 10.65 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Tgt Ion:225 Resp: 5251

Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	64.5	51.0	76.6



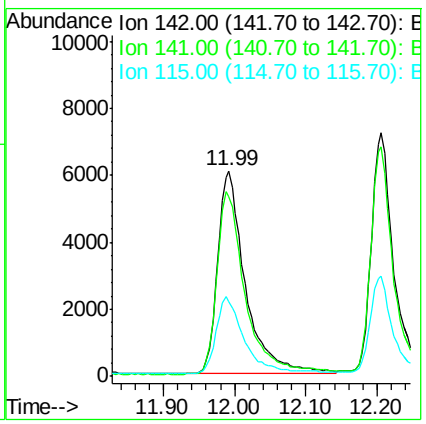


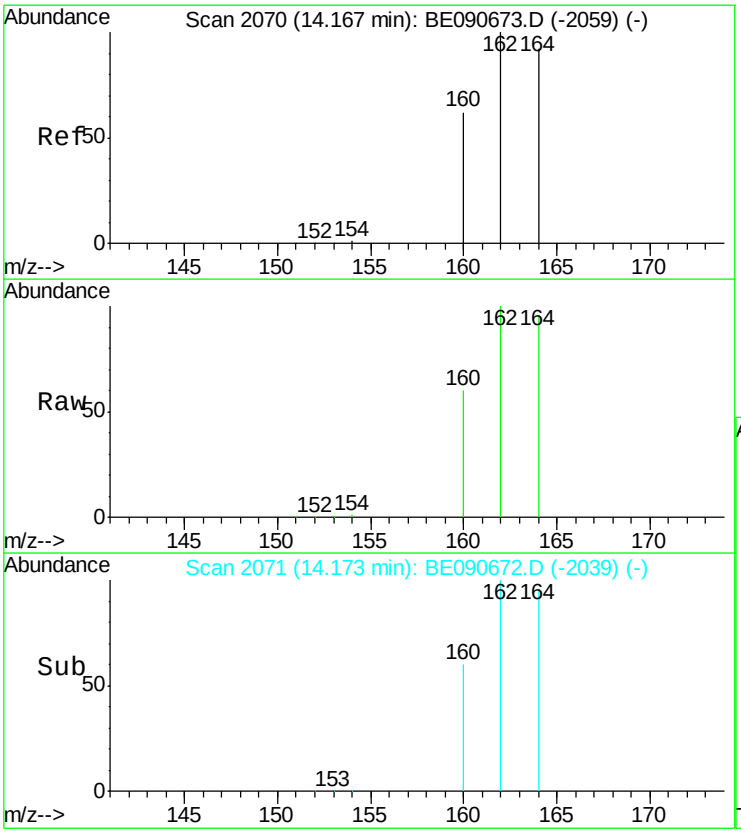
#11
2-Methylnaphthalene
Concen: 0.63 ng
RT: 11.99 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:142 Resp: 16468

Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.4	107.2
115	36.5	31.0	46.4

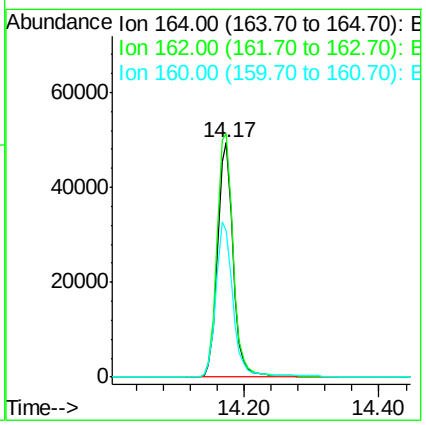


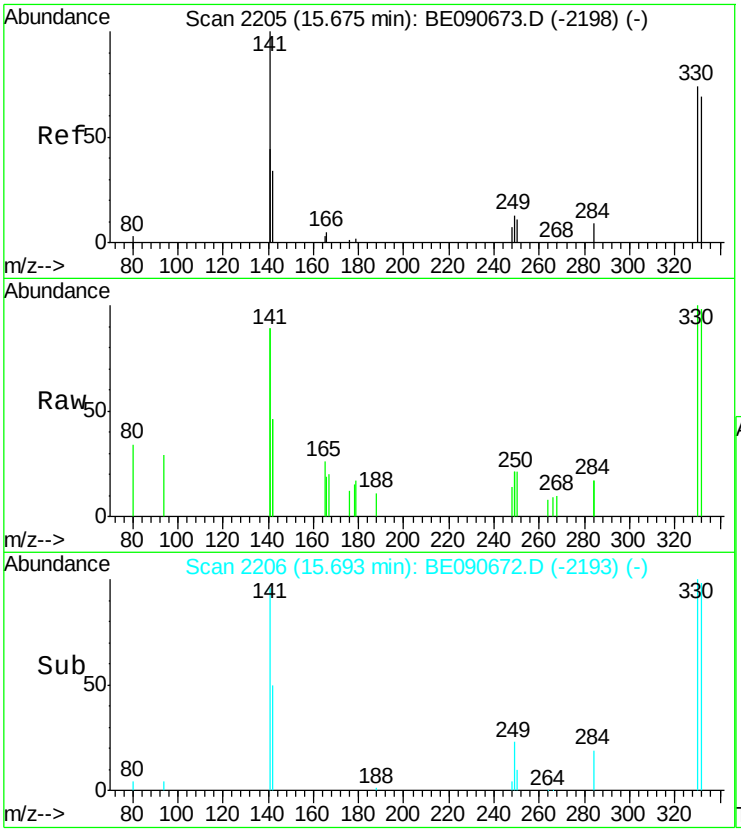


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2071
Delta R.T. 0.01 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Tgt Ion:164 Resp: 78753

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.8	130.2
160	62.3	53.9	80.9



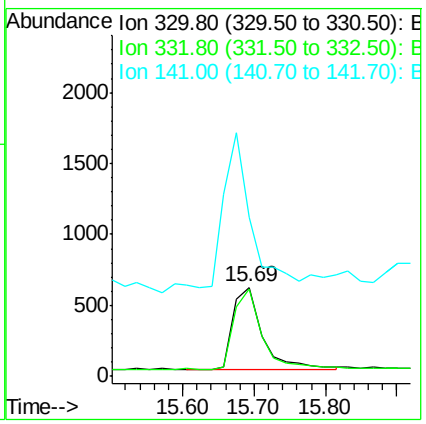


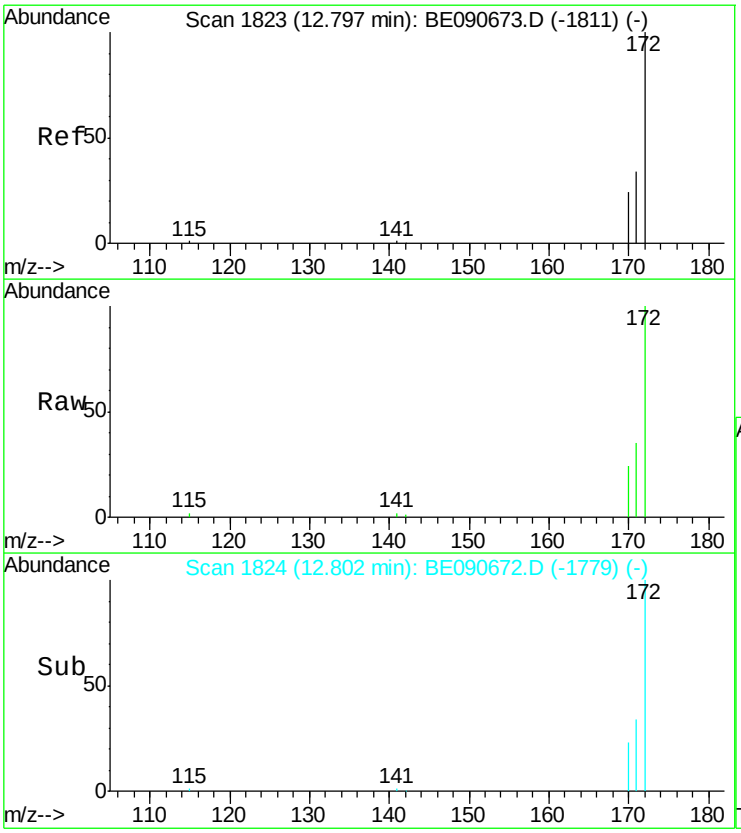
#13
2,4,6-Tribromophenol
Concen: 0.56 ng
RT: 15.69 min Scan# 2206
Delta R.T. 0.02 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:330 Resp: 1639

Ion	Ratio	Lower	Upper
330	100		
332	97.6	74.9	112.3
141	195.5	145.2	217.8

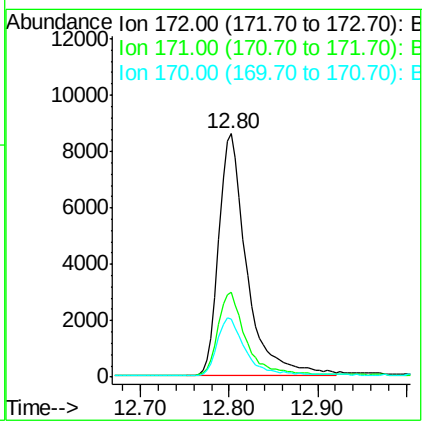


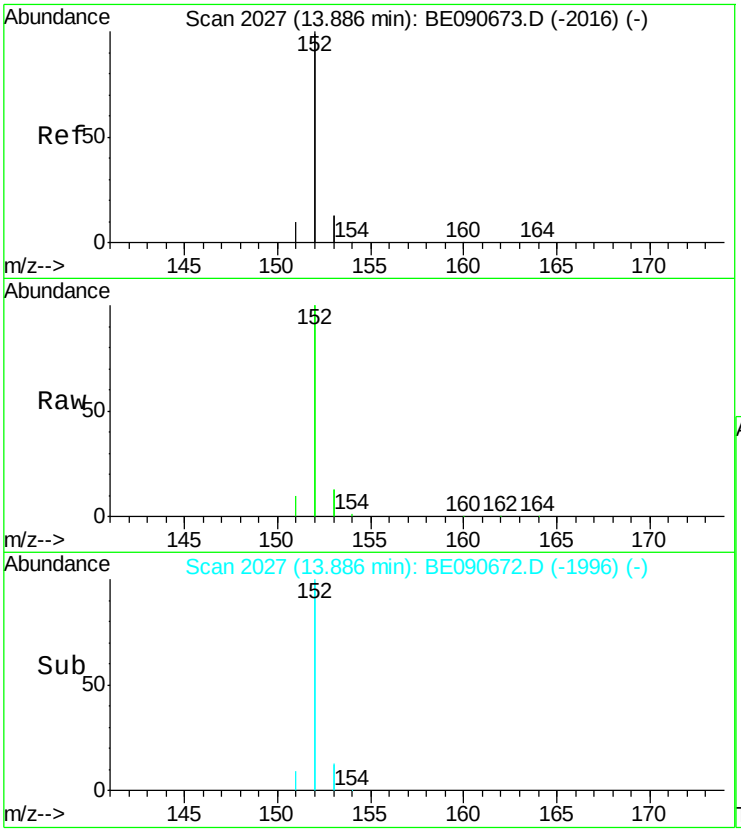


#14
2-Fluorobiphenyl
Concen: 0.81 ng
RT: 12.80 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Tgt Ion:172 Resp: 18858

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.8
170	24.0	19.8	29.6



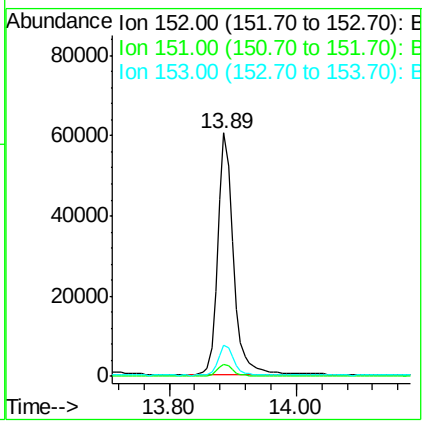


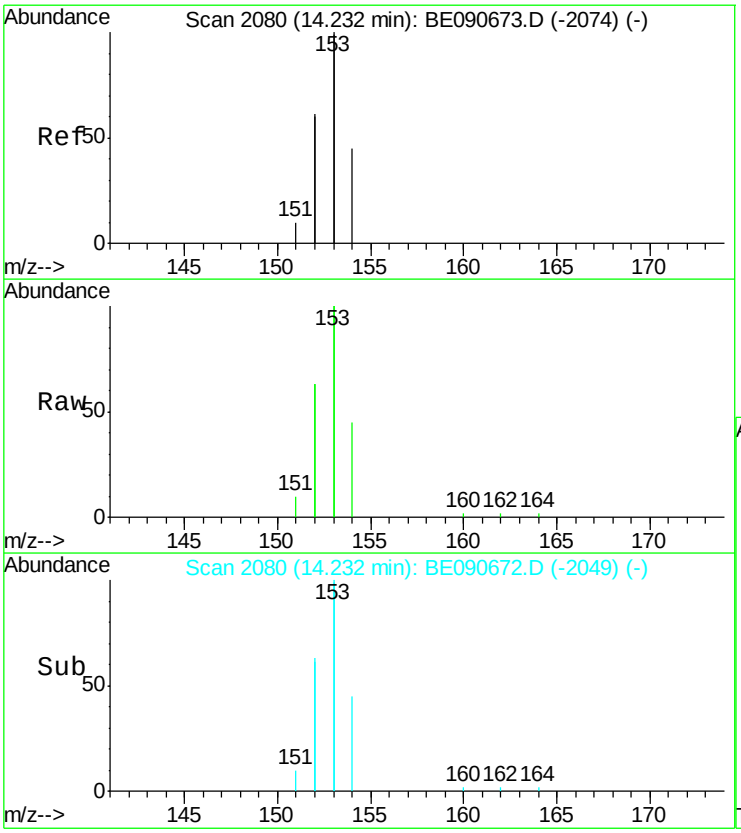
#15
Acenaphthylene
Concen: 0.73 ng
RT: 13.89 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 103268

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	12.6	10.3	15.5

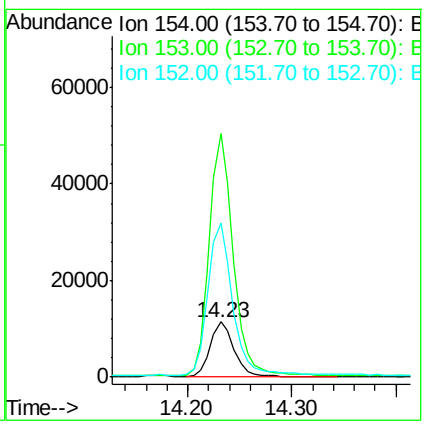


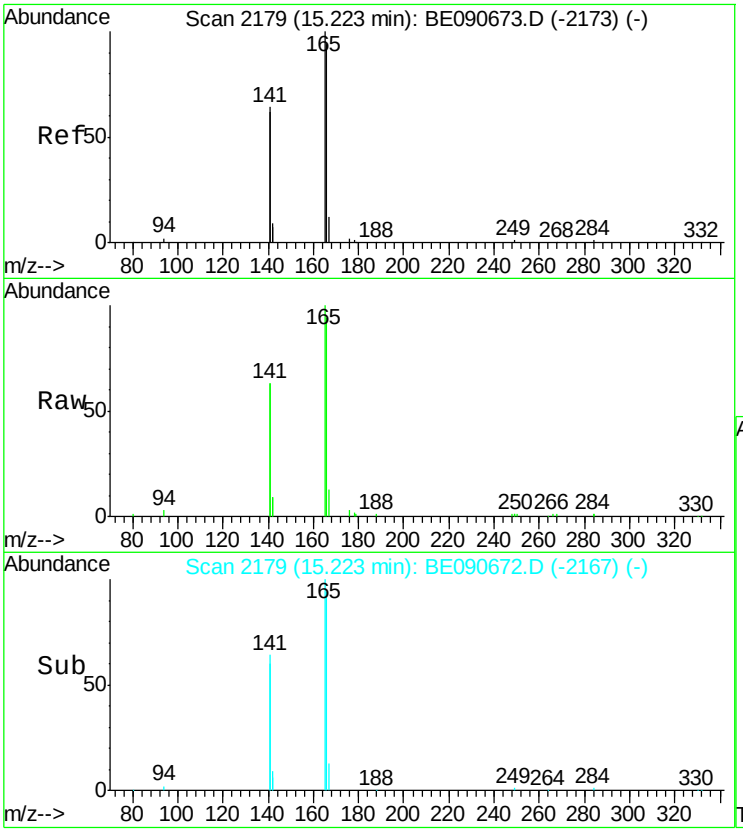


#16
Acenaphthene
Concen: 0.83 ng
RT: 14.23 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Tgt Ion:154 Resp: 18017

Ion	Ratio	Lower	Upper
154	100		
153	444.9	354.5	531.7
152	287.3	227.8	341.6



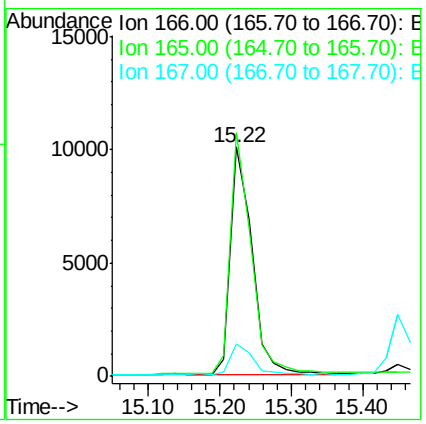


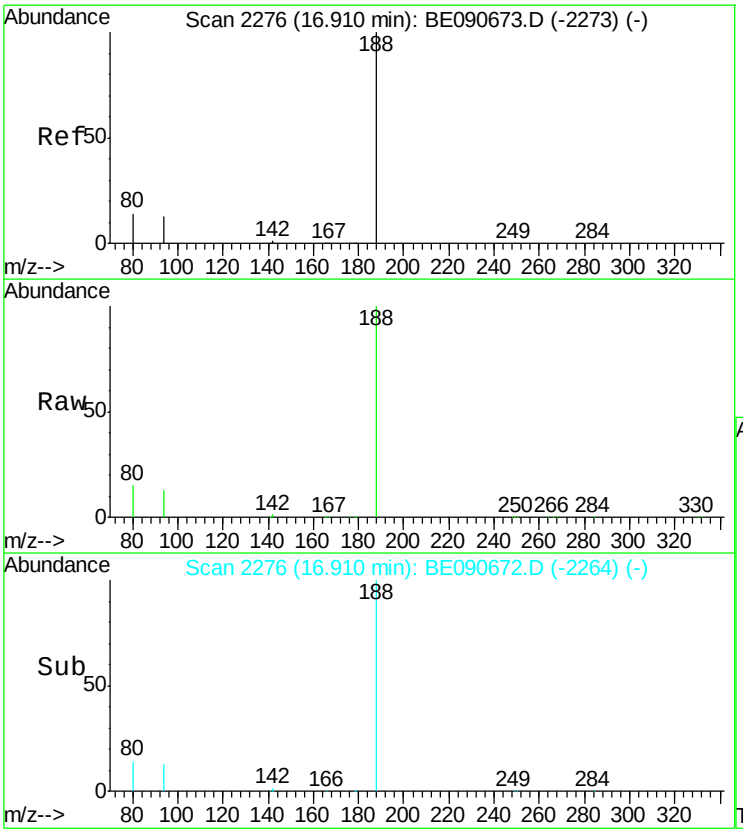
#17
Fluorene
Concen: 0.79 ng
RT: 15.22 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:166 Resp: 20835

Ion	Ratio	Lower	Upper
166	100		
165	104.3	82.7	124.1
167	14.1	10.7	16.1

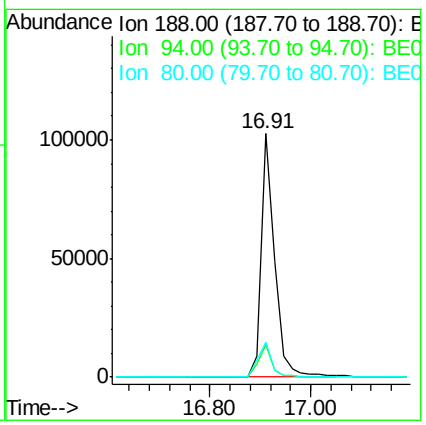


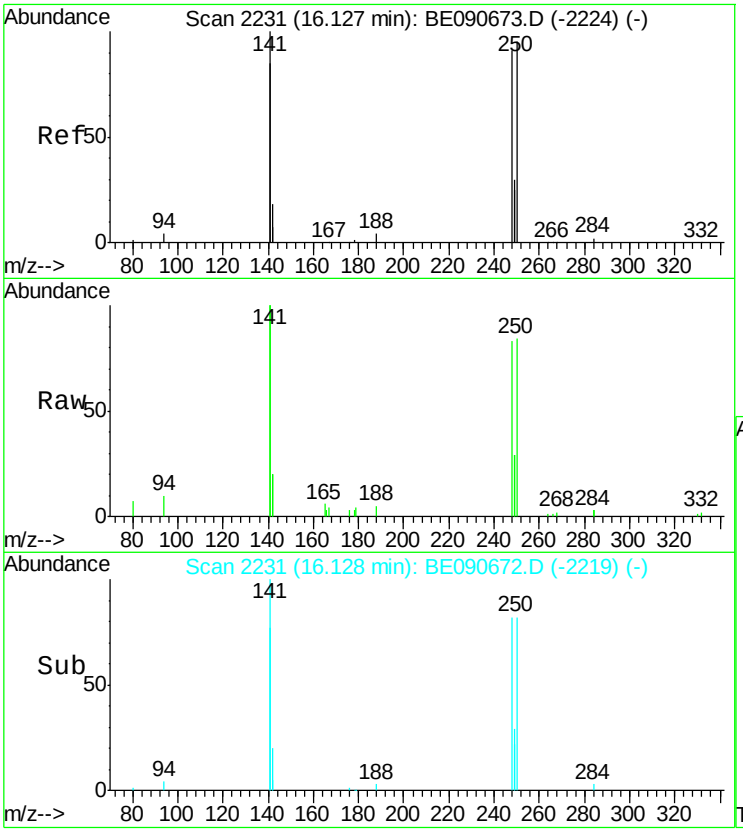


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Tgt Ion:188 Resp: 184319

Ion	Ratio	Lower	Upper
188	100		
94	13.2	10.3	15.5
80	14.6	11.0	16.6



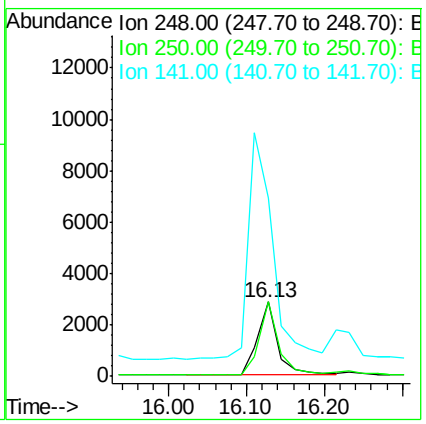


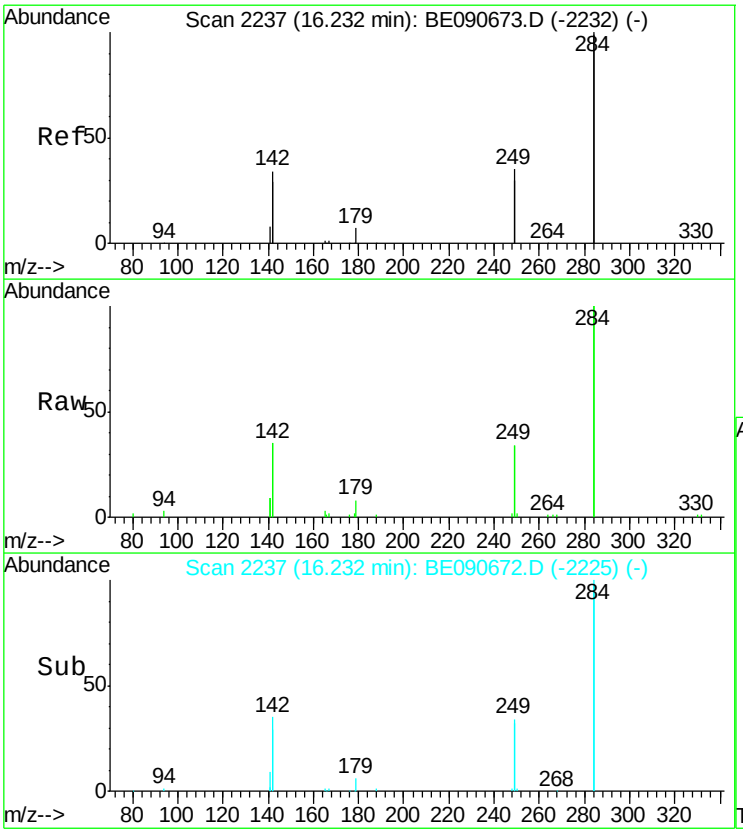
#19
4-Bromophenyl-phenylether
Concen: 0.70 ng
RT: 16.13 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:248 Resp: 5150

Ion	Ratio	Lower	Upper
248	100		
250	97.2	76.7	115.1
141	369.2	292.6	439.0

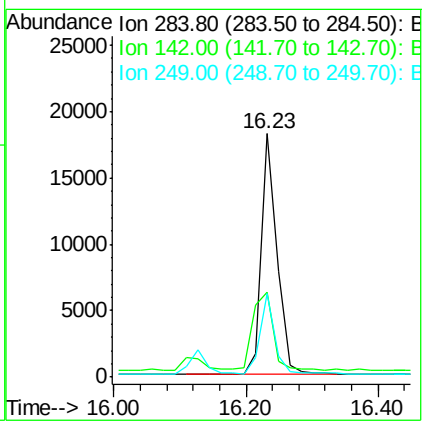


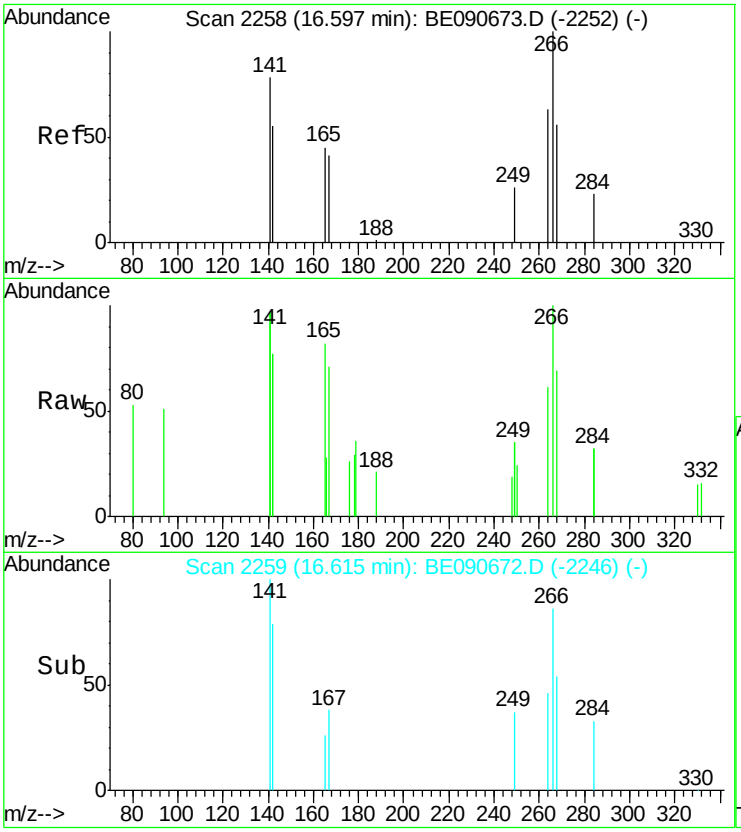


#20
Hexachlorobenzene
Concen: 0.89 ng
RT: 16.23 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Tgt Ion:284 Resp: 29929

Ion	Ratio	Lower	Upper
284	100		
142	41.3	35.0	52.4
249	31.3	25.5	38.3



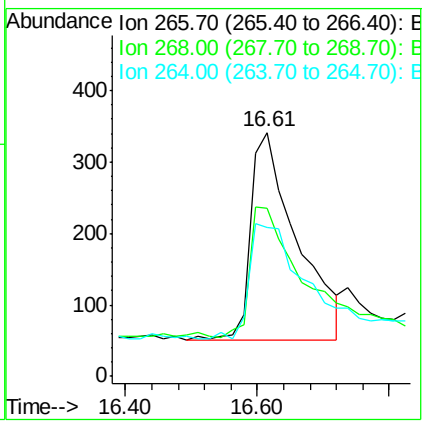


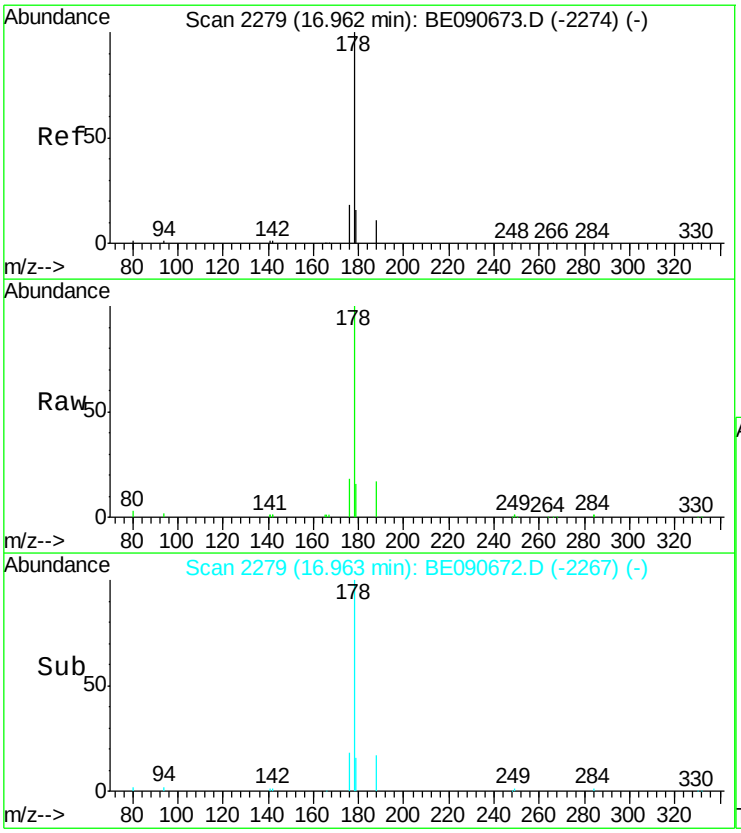
#21
Pentachlorophenol
Concen: 0.50 ng
RT: 16.61 min Scan# 2259
Delta R.T. 0.02 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:266 Resp: 1402

Ion	Ratio	Lower	Upper
266	100		
268	69.2	49.6	74.4
264	61.3	53.9	80.9

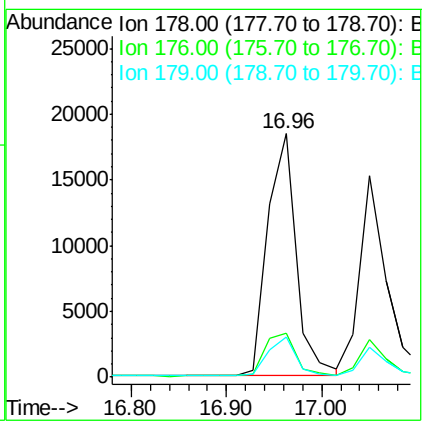


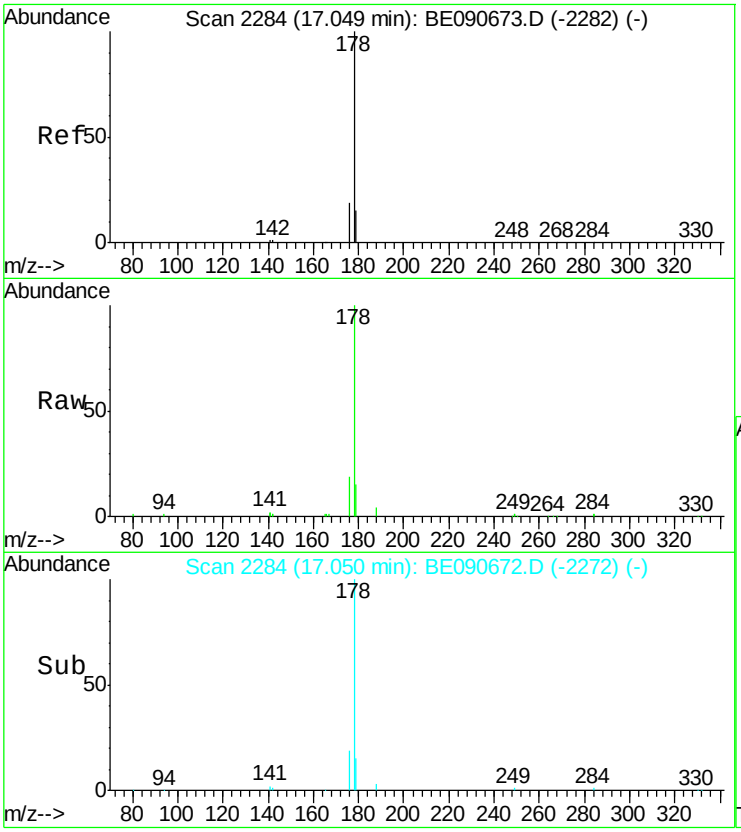


#22
Phenanthrene
Concen: 0.80 ng
RT: 16.96 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Tgt Ion:178 Resp: 38355

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	16.1	12.8	19.2



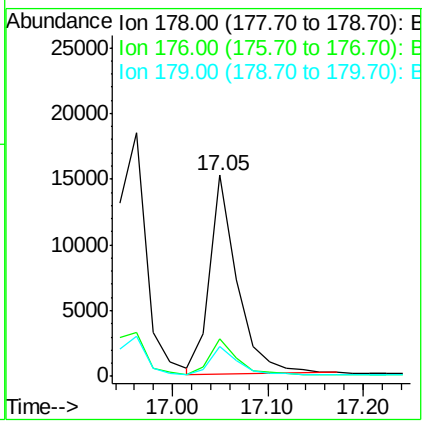


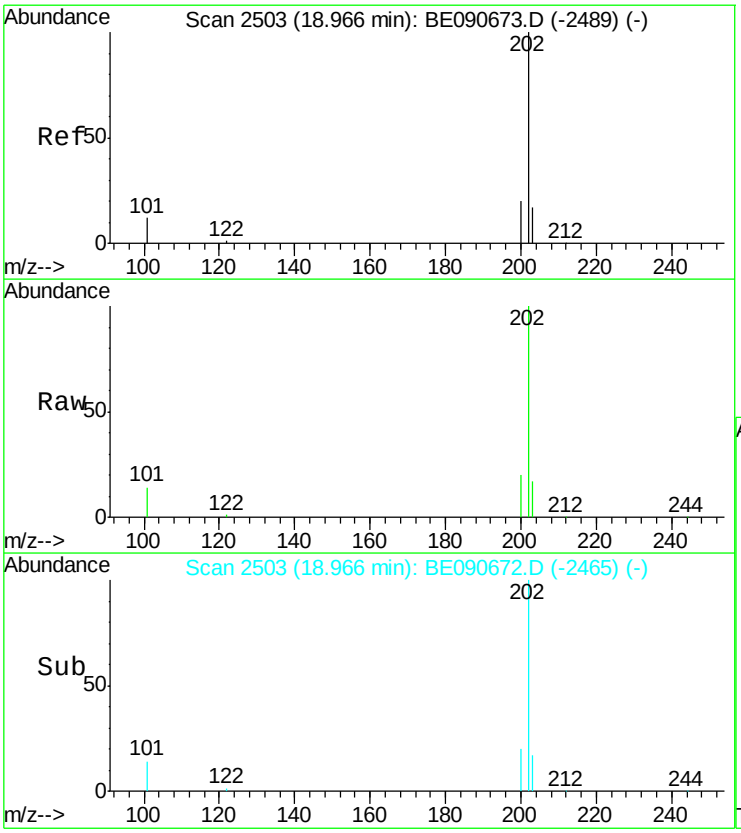
#23
Anthracene
Concen: 0.69 ng
RT: 17.05 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 30283

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	14.3	12.3	18.5

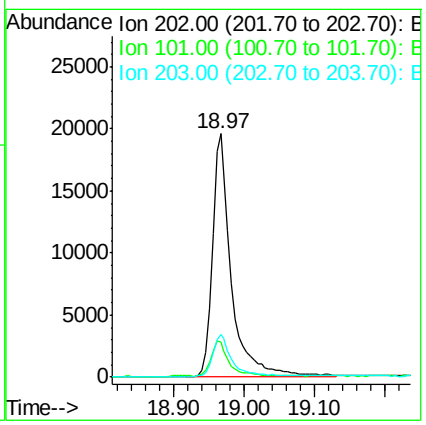


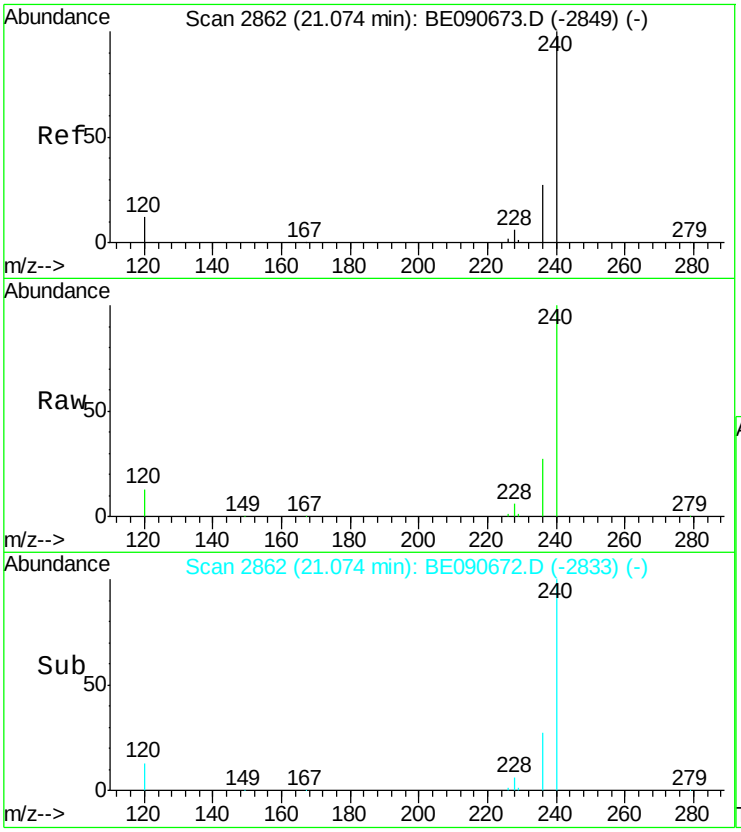


#24
Fluoranthene
Concen: 0.72 ng
RT: 18.97 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Tgt Ion:202 Resp: 36775

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.0	16.6
203	17.5	13.9	20.9



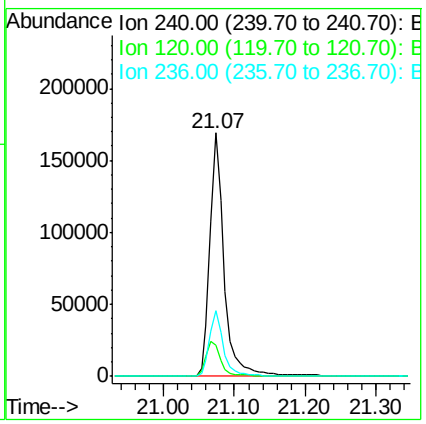


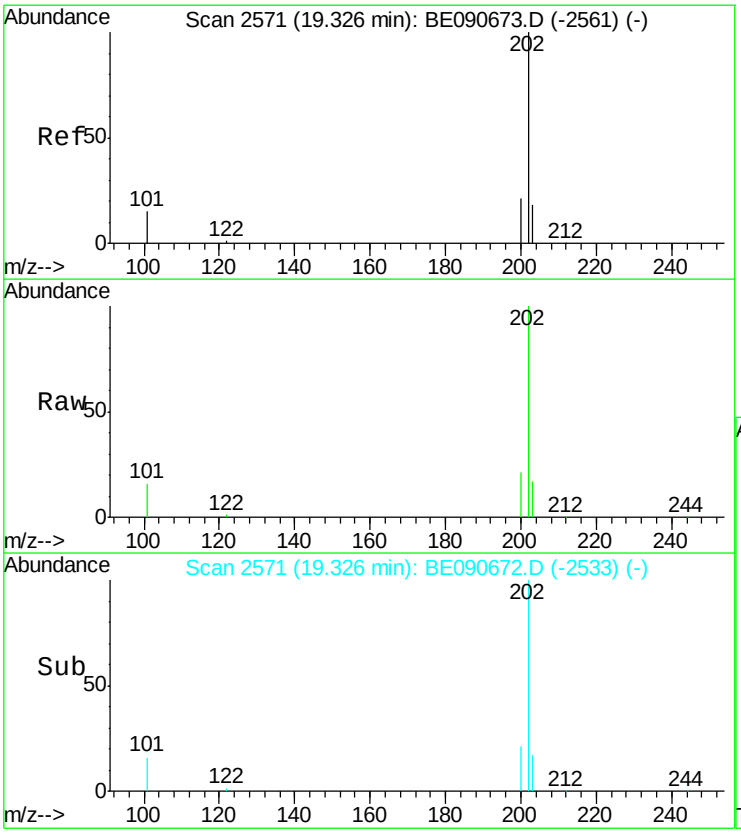
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 236937

Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.1	15.1
236	27.1	21.9	32.9

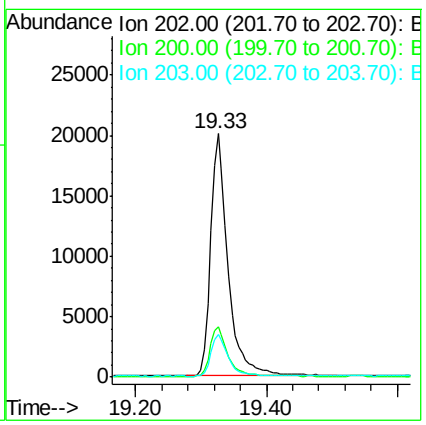


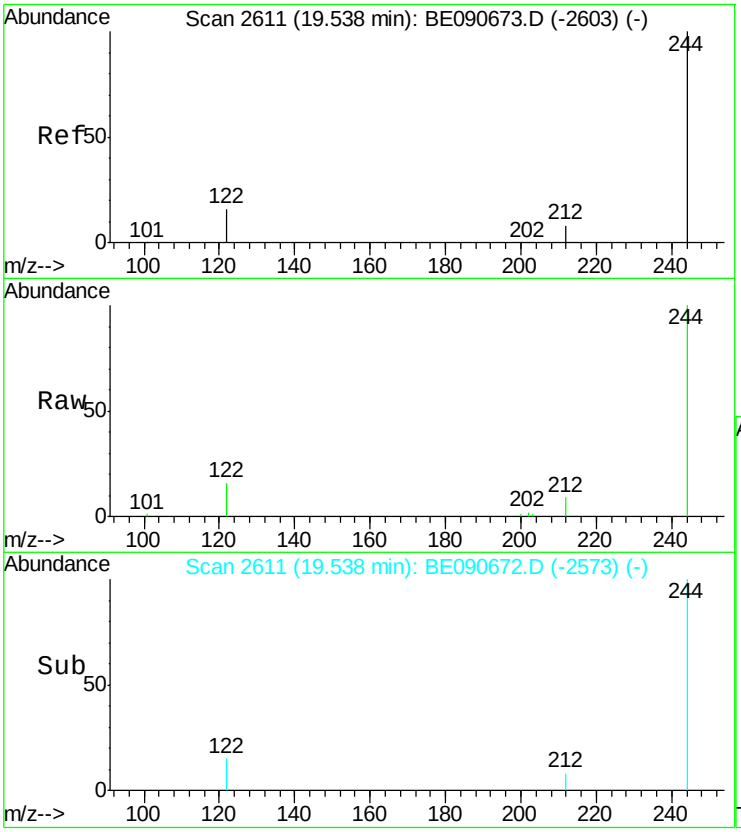


#26
Pyrene
Concen: 0.57 ng
RT: 19.33 min Scan# 2571
Delta R.T. -0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Tgt Ion:202 Resp: 37170

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.2	13.8	20.6



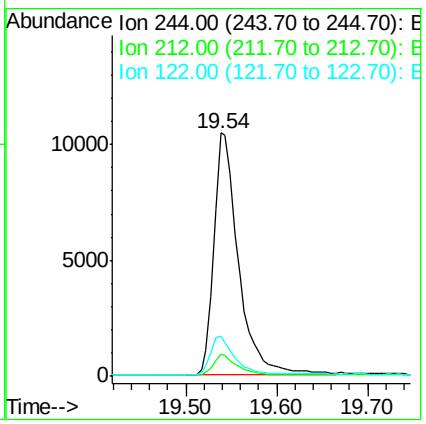


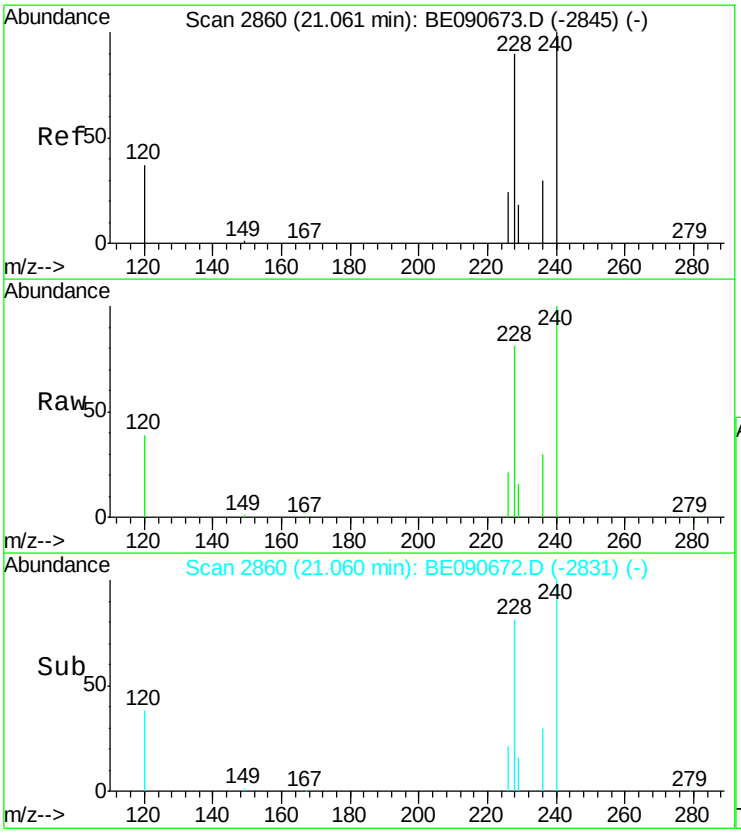
#27
Terphenyl-d14
Concen: 0.48 ng
RT: 19.54 min Scan# 2611
Delta R.T. -0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 19844

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.9	10.3
122	16.2	12.9	19.3

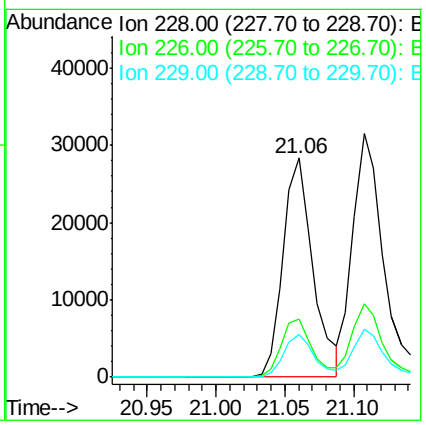


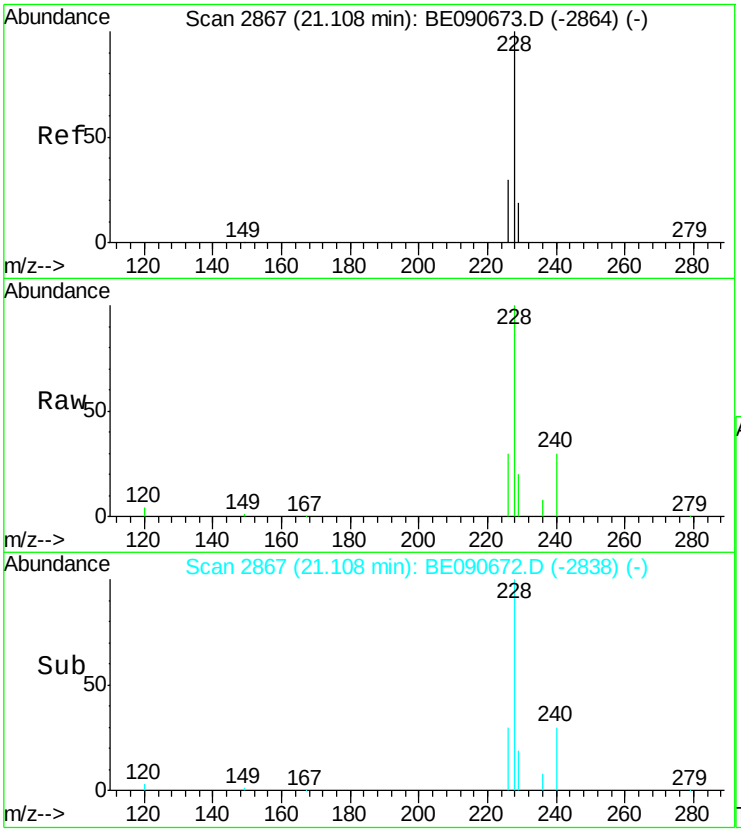


#28
Benzo(a)anthracene
Concen: 0.69 ng
RT: 21.06 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Tgt Ion:228 Resp: 42677

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.6	32.4
229	19.8	15.9	23.9



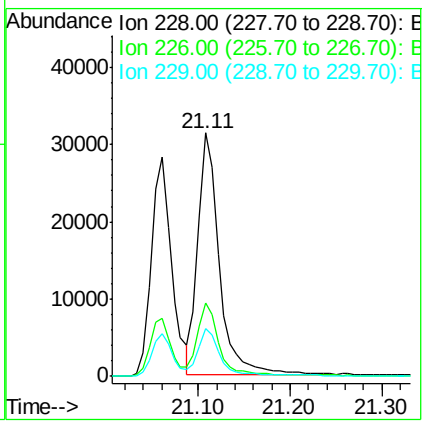


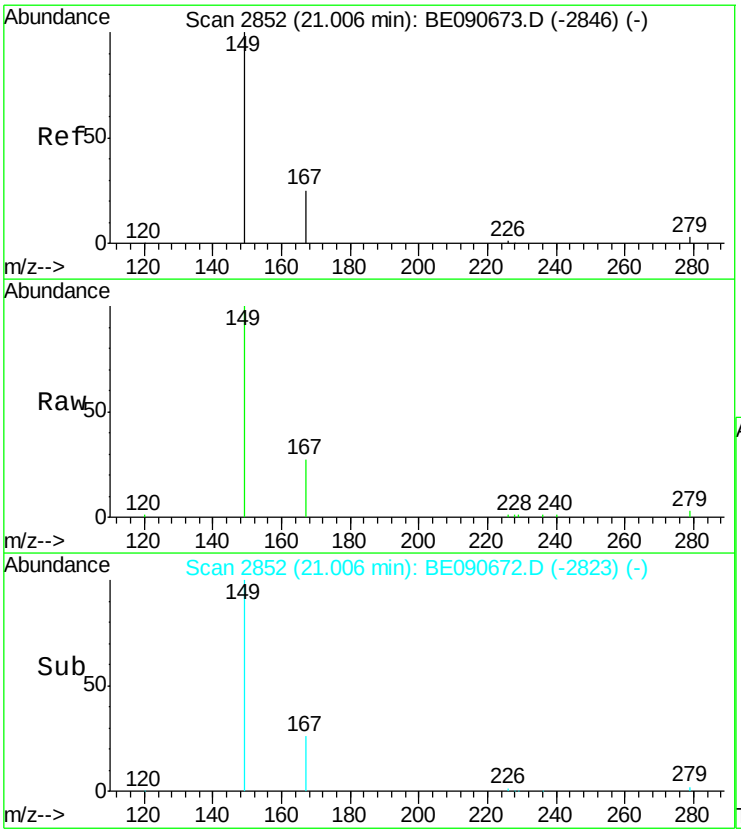
#29
Chrysene
Concen: 0.80 ng
RT: 21.11 min Scan# 2867
Delta R.T. -0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 50834

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	19.6	15.3	22.9

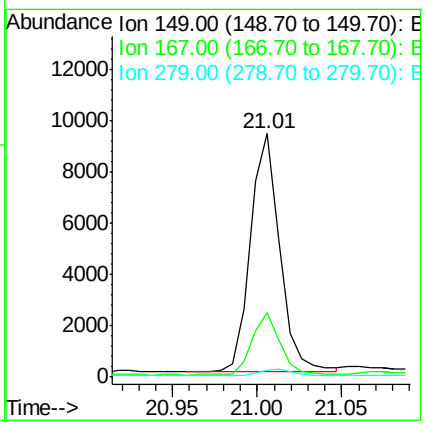


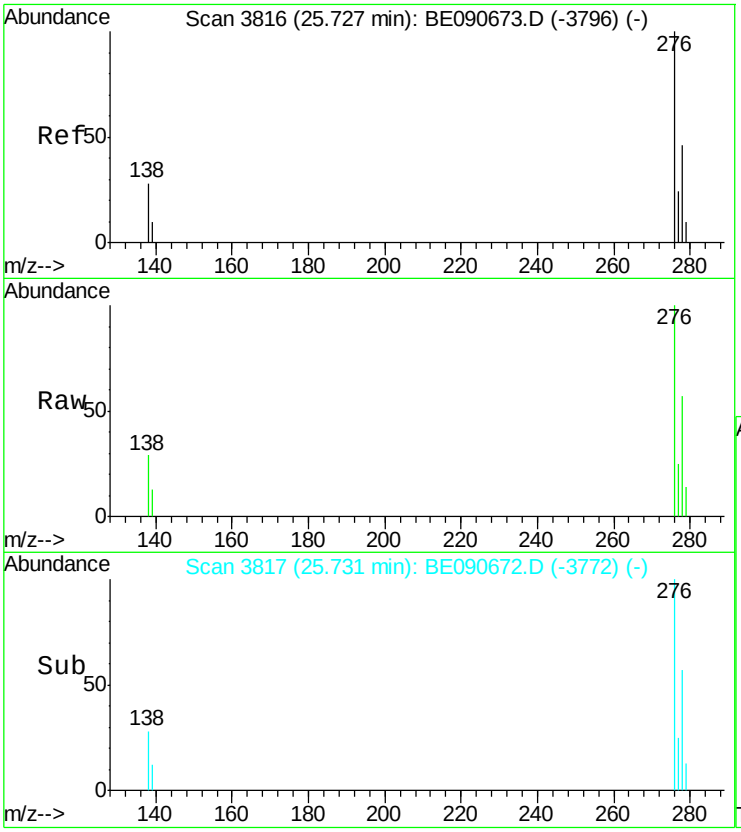


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.34 ng
RT: 21.01 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Tgt Ion:149 Resp: 11125

Ion	Ratio	Lower	Upper
149	100		
167	25.2	20.1	30.1
279	2.8	2.3	3.5



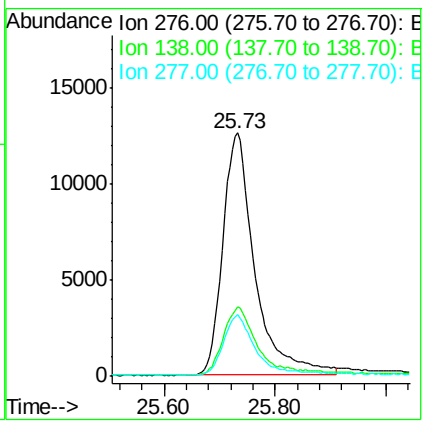


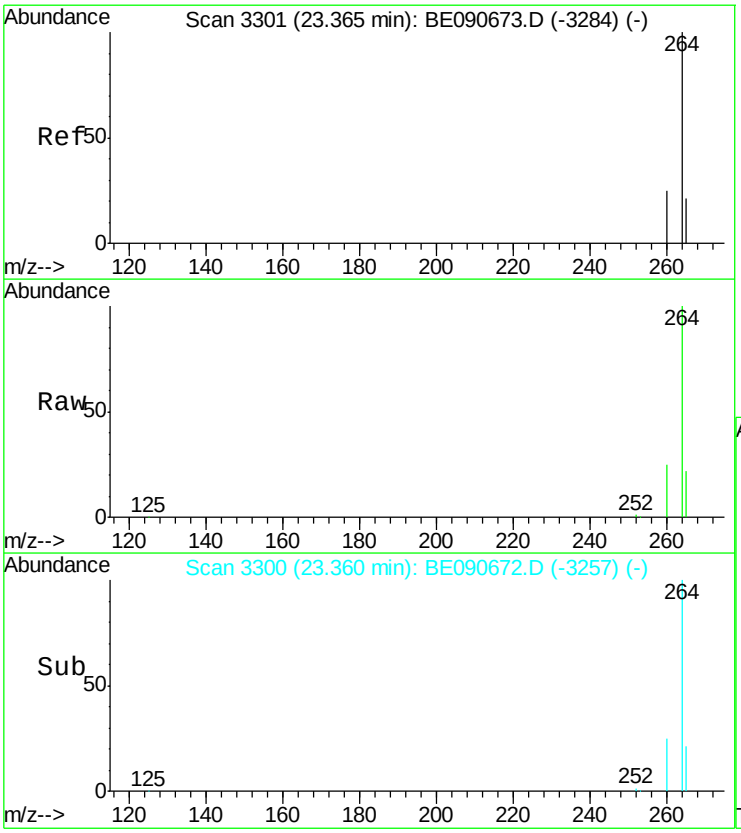
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.85 ng
RT: 25.73 min Scan# 3817
Delta R.T. 0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 50601

Ion	Ratio	Lower	Upper
276	100		
138	27.4	23.3	34.9
277	24.6	19.8	29.6

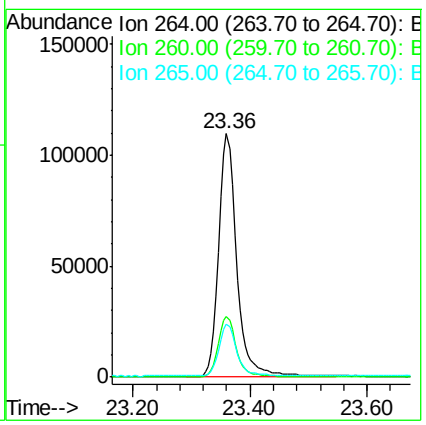


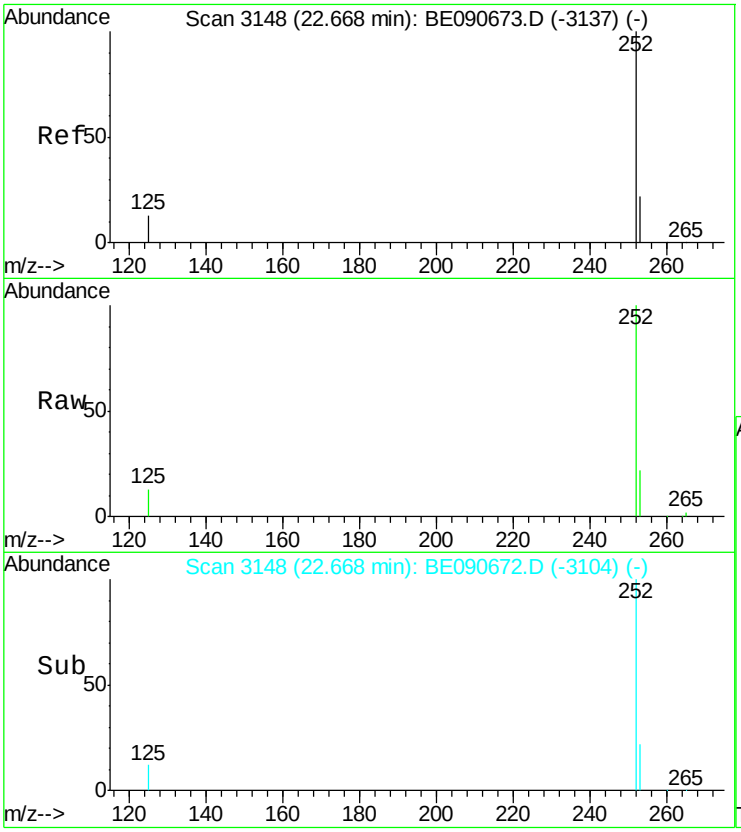


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3300
Delta R.T. -0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Tgt Ion:264 Resp: 233696

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	22.0	17.5	26.3



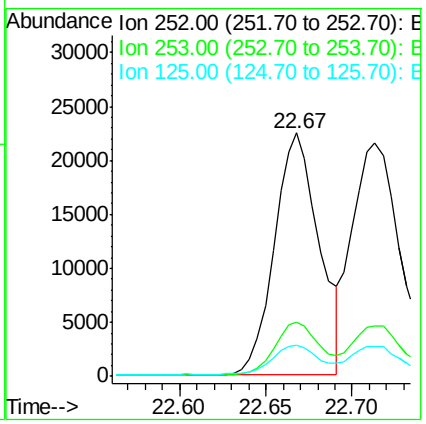


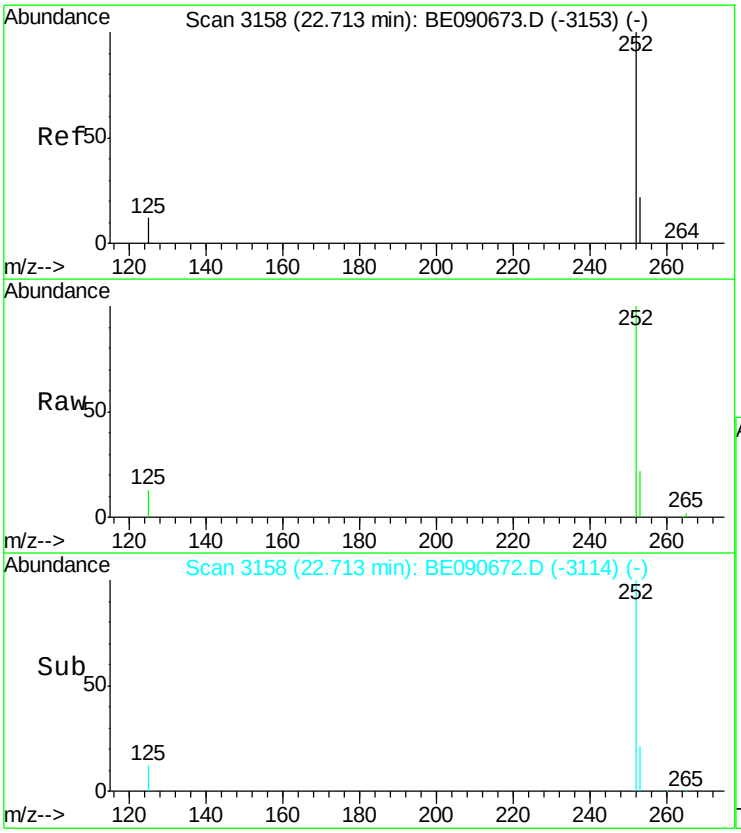
#33
Benzo(b)fluoranthene
Concen: 0.74 ng
RT: 22.67 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 40323

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	12.8	10.6	16.0

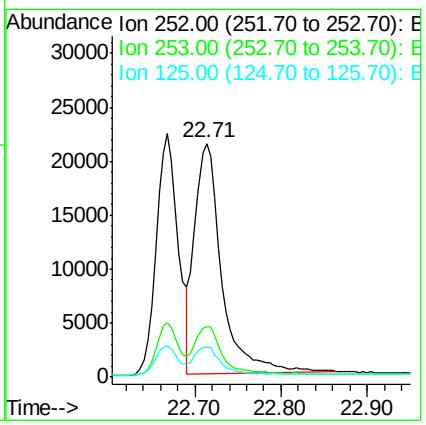


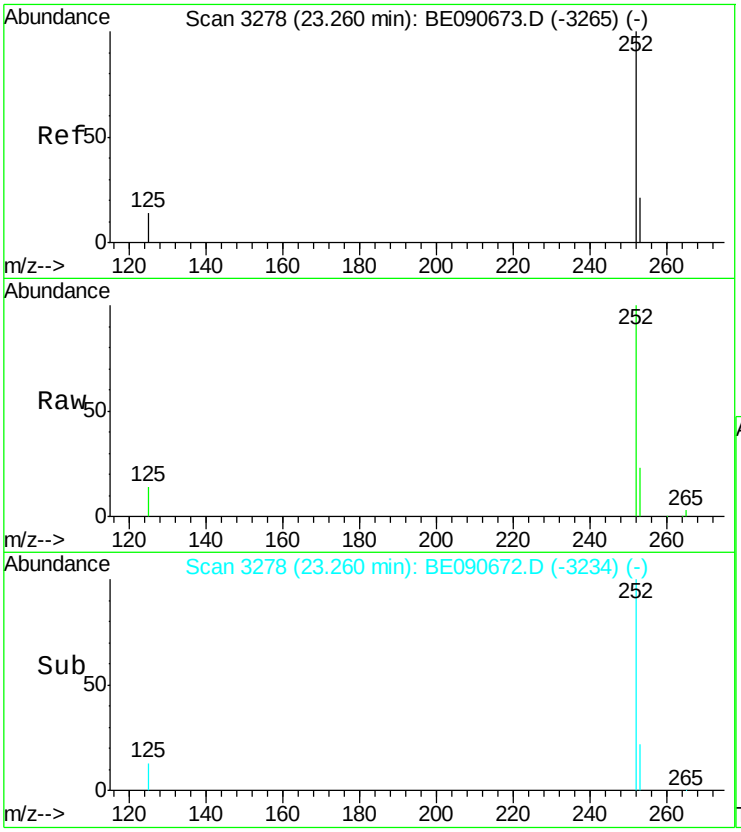


#34
Benzo(k)fluoranthene
Concen: 0.74 ng
RT: 22.71 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Tgt Ion:252 Resp: 46043

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	12.9	10.1	15.1



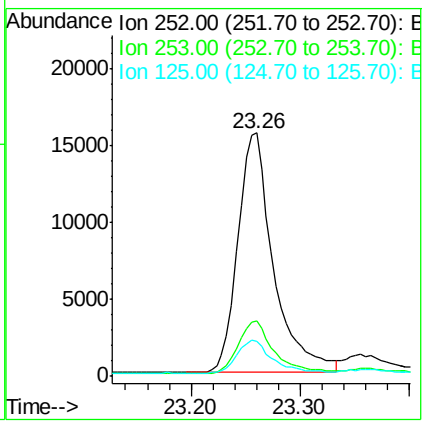


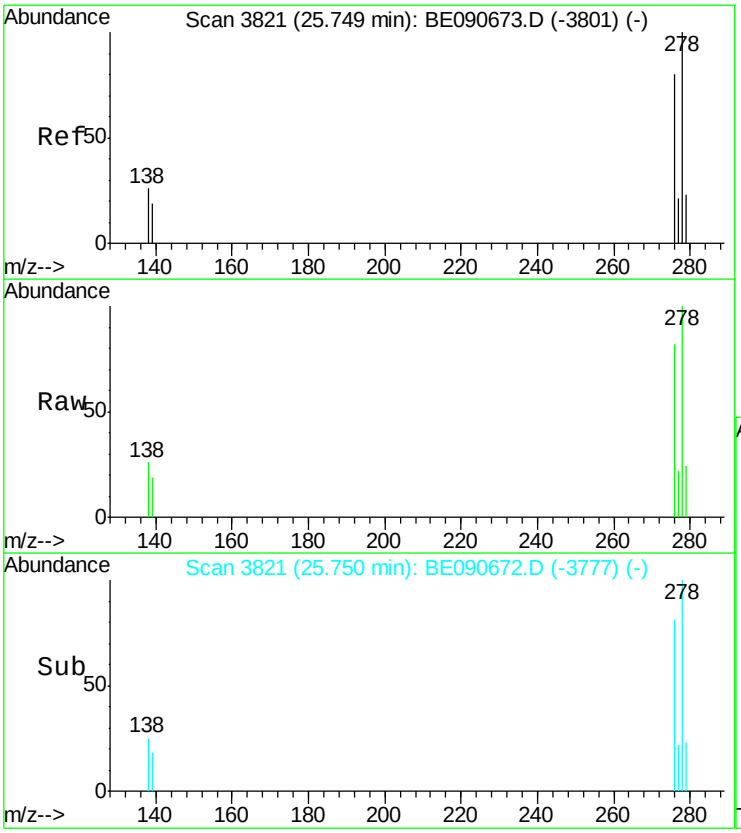
#35
Benzo(a)pyrene
Concen: 0.70 ng
RT: 23.26 min Scan# 3278
Delta R.T. -0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 35395

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	14.4	11.6	17.4

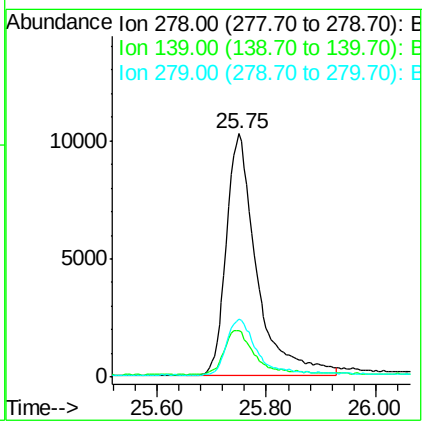


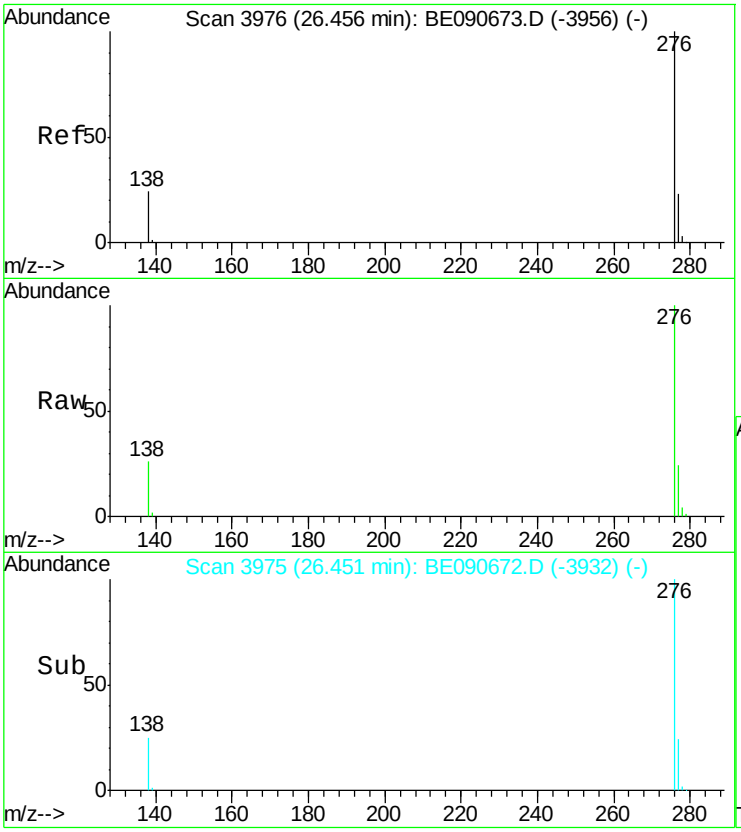


#36
Dibenzo(a,h)anthracene
Concen: 0.80 ng
RT: 25.75 min Scan# 3821
Delta R.T. 0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Tgt Ion:278 Resp: 39807

Ion	Ratio	Lower	Upper
278	100		
139	19.1	15.4	23.0
279	24.0	18.8	28.2





#37
Benzo(g,h,i)perylene
Concen: 0.83 ng
RT: 26.45 min Scan# 3975
Delta R.T. -0.00 min
Lab File: BE090672.D
Acq: 1 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 44789

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.5	27.7
138	25.6	20.1	30.1