Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071715\
Data File : BE090151.D
Acq On : 17 Jul 2015 18:35
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC010

Quant Time: Jul 18 00:02:02 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 17 23:58:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	10643	5.00	ng		0.00
6) Naphthalene-d8	10.36	136	53386	5.00	ng		0.00
12) Acenaphthene-d10	14.22	164	30807	5.00	ng		0.00
18) Phenanthrene-d10	16.96	188	76564	5.00	ng		0.00
25) Chrysene-d12	21.12	240	97099	5.00	ng		0.00
32) Perylene-d12	23.43	264	94504	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	25233	10.84	ng		0.00
5) Phenol-d6	6.79	99	35222	10.83	ng		0.00
7) Nitrobenzene-d5	8.74	82	36944	9.46	ng		0.00
13) 2,4,6-Tribromophenol	15.73	330	9042	15.98	ng		0.00
14) 2-Fluorobiphenyl	12.84	172	87055	9.23	ng		0.00
27) Terphenyl-d14	19.58	244	161653	9.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	10954	7.75	ng		98
3) n-Nitrosodimethylamine	3.51	42	18213	10.64	ng	#	95
8) Nitrobenzene	8.79	77	37965	9.29	ng		95
9) Naphthalene	10.41	128	107513	8.95	ng		98
10) Hexachlorobutadiene	10.71	225	13003	6.65	ng		99
11) 2-Methylnaphthalene	12.03	142	76918	9.93	ng		99
15) Acenaphthylene	13.93	152	553426	10.08	ng		100
16) Acenaphthene	14.28	154	76900	9.72	ng		98
17) Fluorene	15.27	166	107676	10.36	ng		99
19) 4-Bromophenyl-phenylether	16.16	248	28332	8.80	ng		93
20) Hexachlorobenzene	16.28	284	94540	6.94	ng		99
21) Pentachlorophenol	16.63	266	13559	20.97	ng		90
22) Phenanthrene	17.00	178	165379	8.70	ng		99
23) Anthracene	17.08	178	165583	9.78	ng		99
24) Fluoranthene	19.00	202	202587	10.63	ng		100
26) Pyrene	19.36	202	213945	8.33	ng		99
28) Benzo(a)anthracene	21.10	228	217293	12.57	ng		100
29) Chrysene	21.16	228	217737	7.65	ng		100
30) Bis(2-ethylhexyl)phthalate	21.05	149	136869	29.09	ng		98
31) Indeno(1,2,3-cd)pyrene	25.83	276	268983	31.64	ng		99
33) Benzo(b)fluoranthene	22.73	252	213226	23.83	ng		99
34) Benzo(k)fluoranthene	22.77	252	233511	11.65	ng		98
35) Benzo(a)pyrene	23.33	252	205355	18.13	ng		99
36) Dibenzo(a,h)anthracene	25.85	278	224325	31.41	ng		98
37) Benzo(g,h,i)perylene	26.57	276	213879	17.94	ng		99

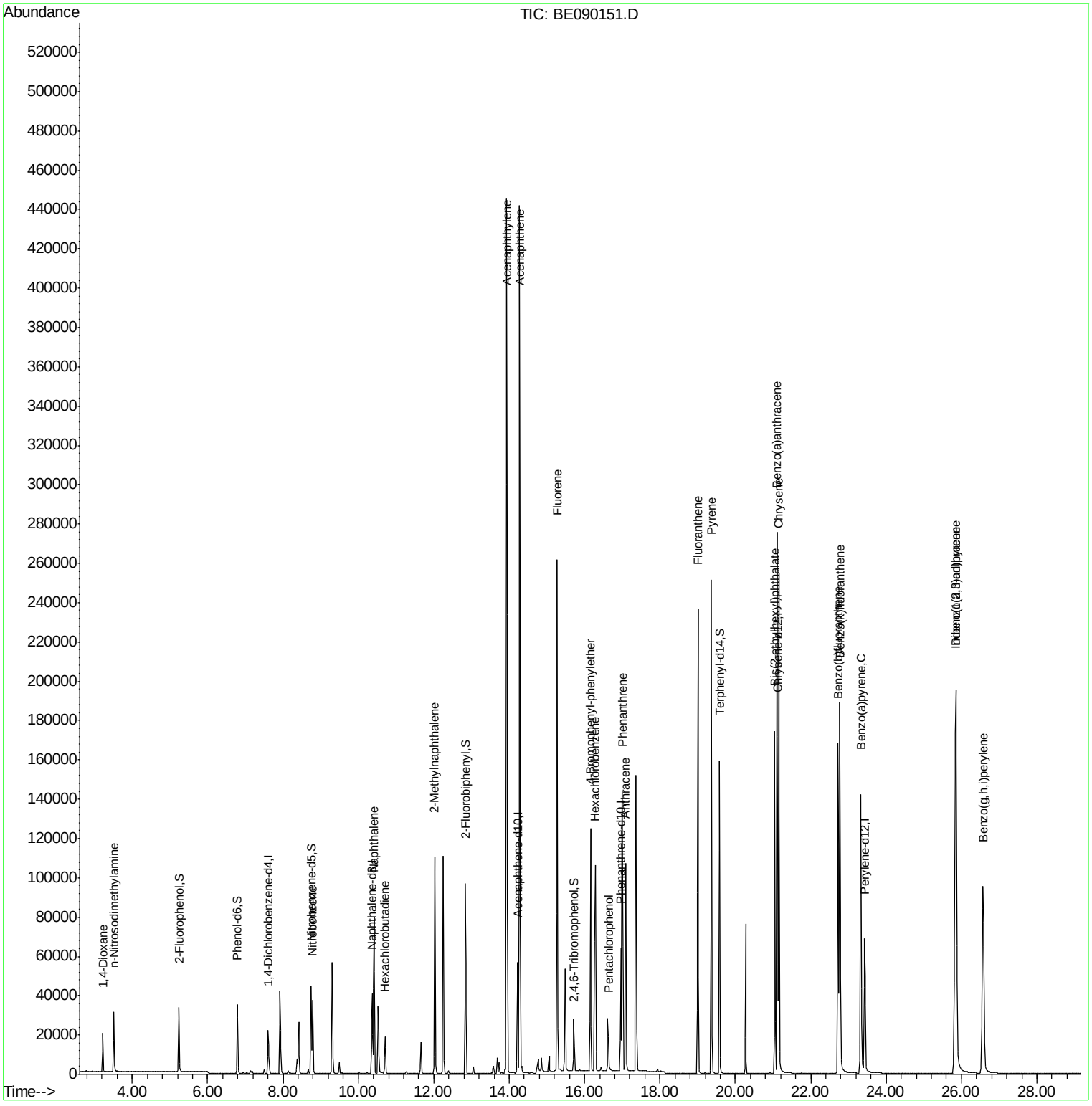
(#) = qualifier out of range (m) = manual integration (+) = signals summed

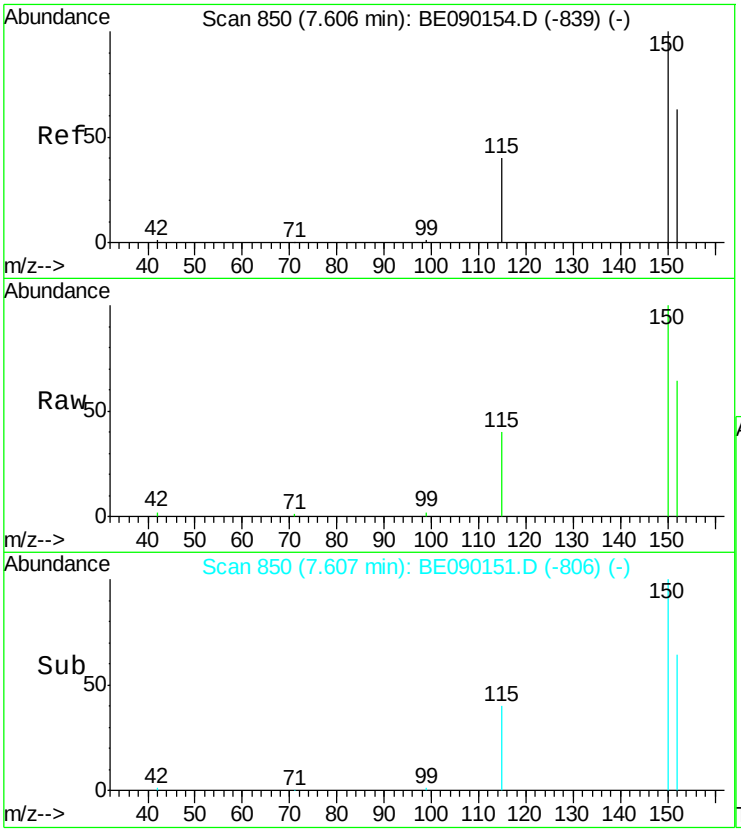
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071715\
Data File : BE090151.D
Acq On : 17 Jul 2015 18:35
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Quant Time: Jul 18 00:02:02 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 17 23:58:28 2015
Response via : Initial Calibration



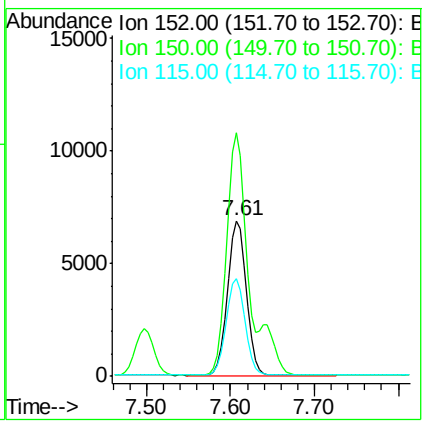


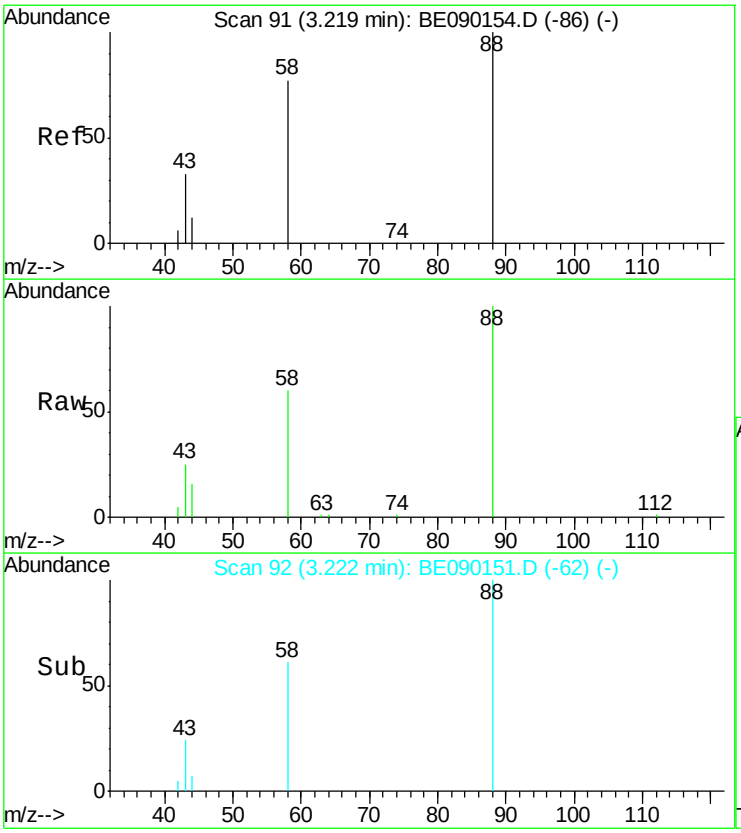
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 850
Delta R.T. 0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 10643

Ion	Ratio	Lower	Upper
152	100		
150	156.8	127.2	190.8
115	62.6	51.6	77.4

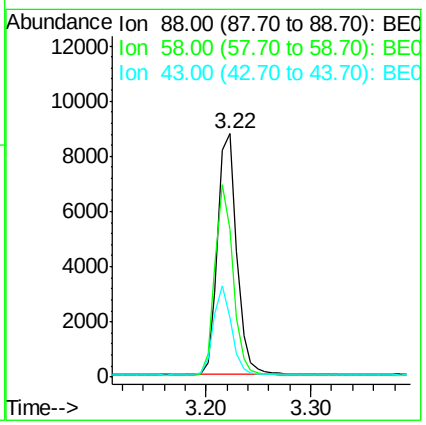


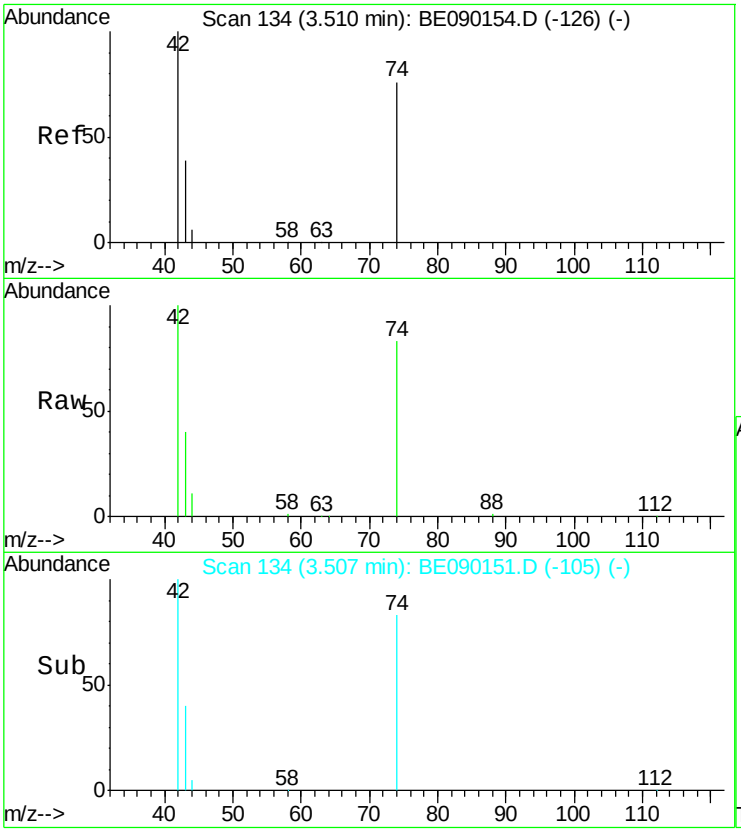


#2
1,4-Dioxane
Concen: 7.75 ng
RT: 3.22 min Scan# 92
Delta R.T. 0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Tgt Ion: 88 Resp: 10954

Ion	Ratio	Lower	Upper
88	100		
58	75.1	58.2	87.2
43	34.7	27.7	41.5



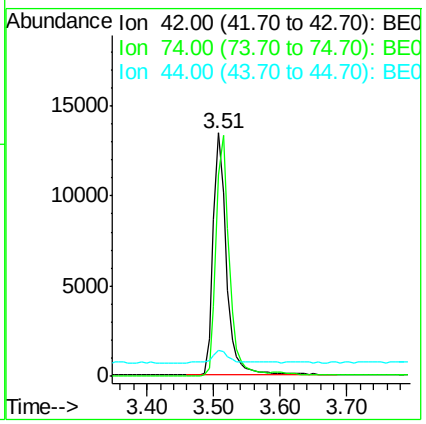


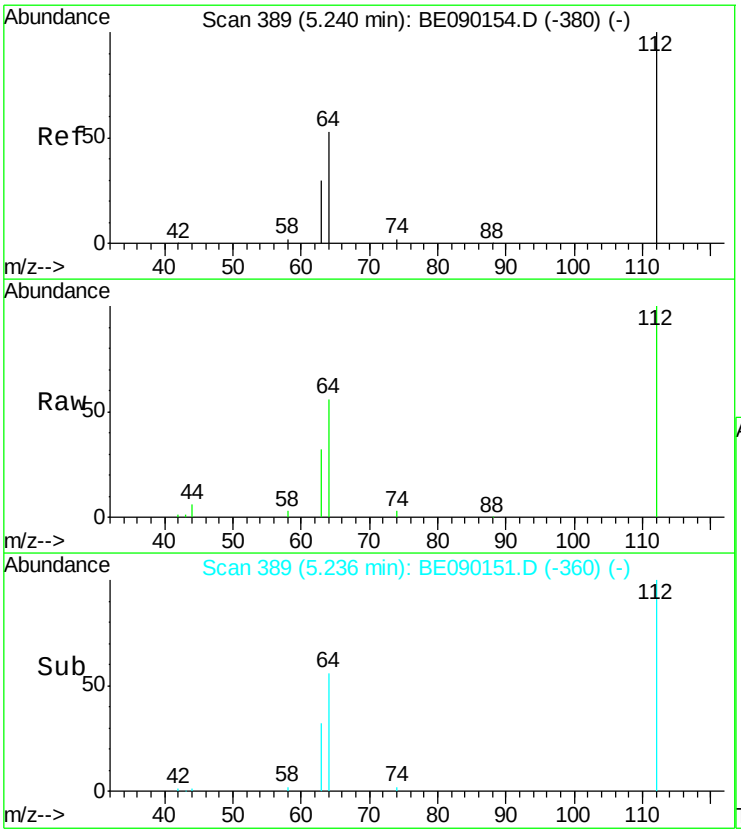
#3
n-Nitrosodimethylamine
Concen: 10.64 ng
RT: 3.51 min Scan# 134
Delta R.T. -0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion: 42 Resp: 18213

Ion	Ratio	Lower	Upper
42	100		
74	98.5	82.2	123.4
44	6.3	7.5	11.3#

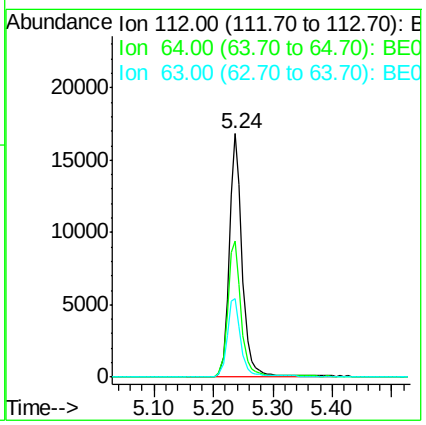


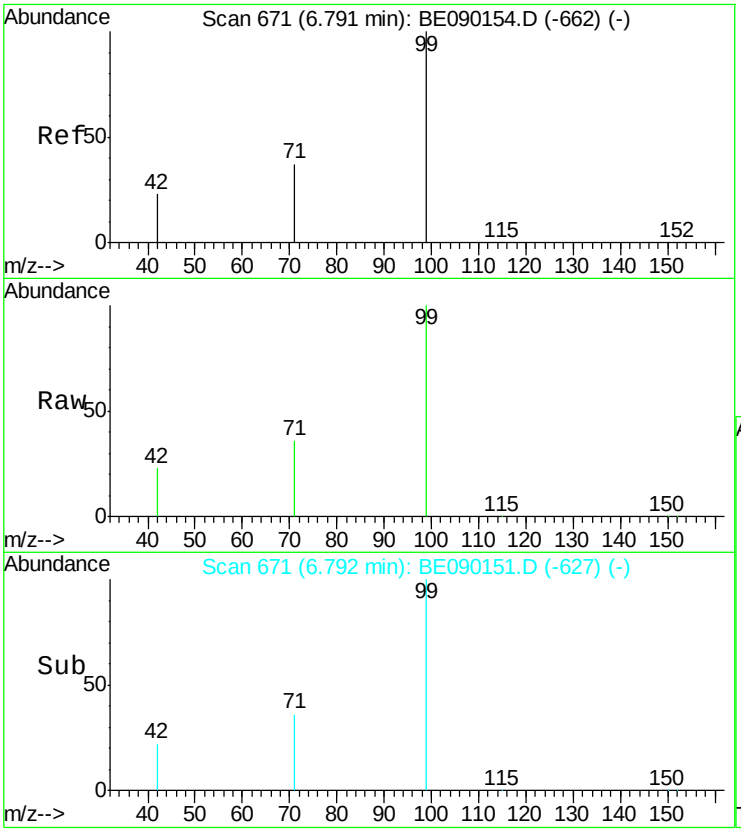


#4
2-Fluorophenol
Concen: 10.84 ng
RT: 5.24 min Scan# 389
Delta R.T. -0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Tgt Ion:112 Resp: 25233

Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.7	70.1
63	33.8	27.3	40.9



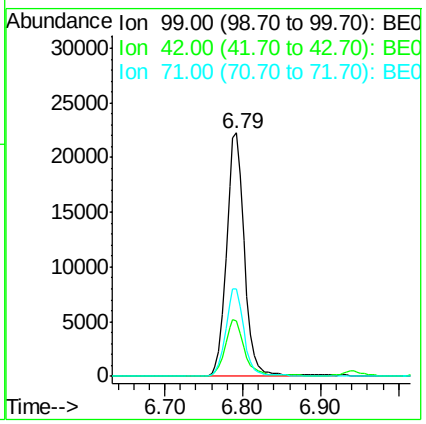


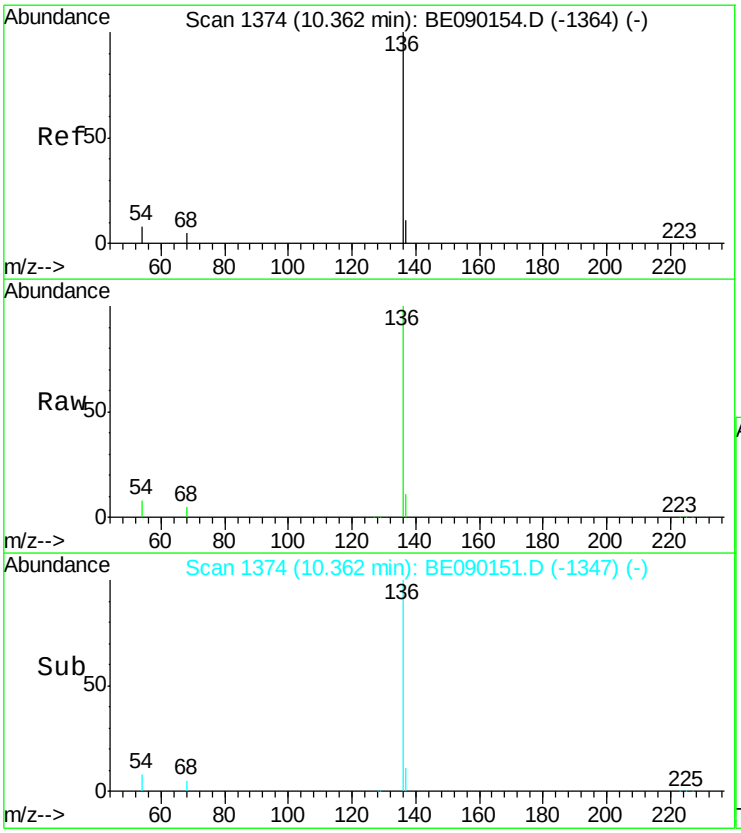
#5
Phenol-d6
Concen: 10.83 ng
RT: 6.79 min Scan# 671
Delta R.T. 0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 35222

Ion	Ratio	Lower	Upper
99	100		
42	24.4	19.1	28.7
71	36.5	29.4	44.2

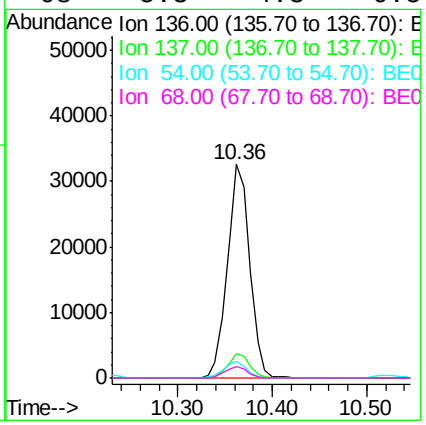


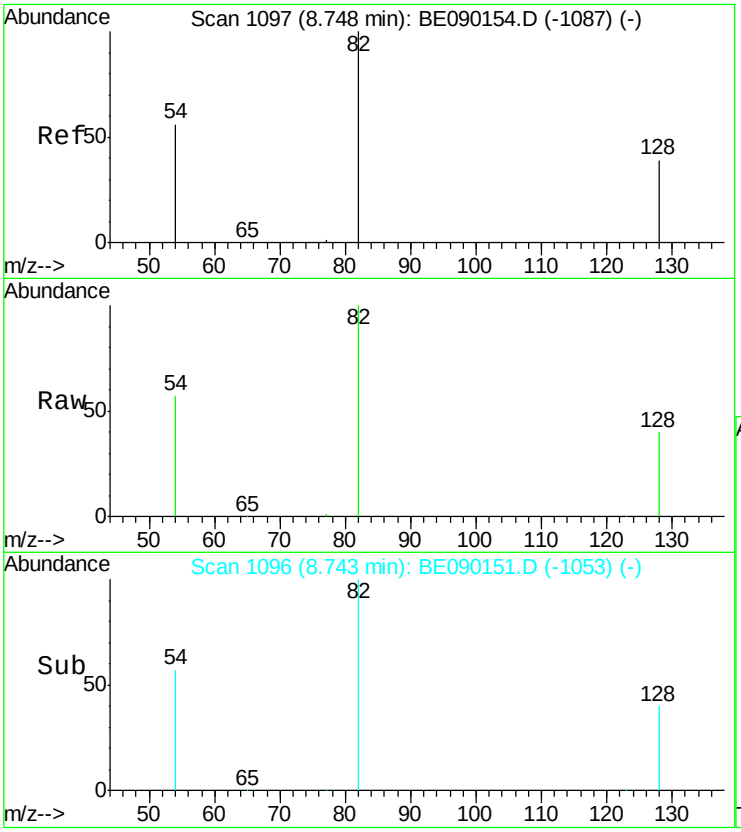


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.36 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Tgt Ion:136 Resp: 53386

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.7	6.3	9.5
68	5.3	4.3	6.5



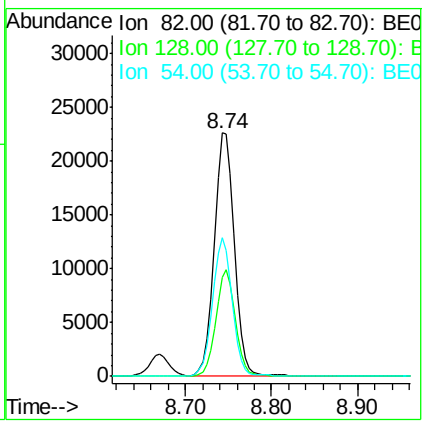


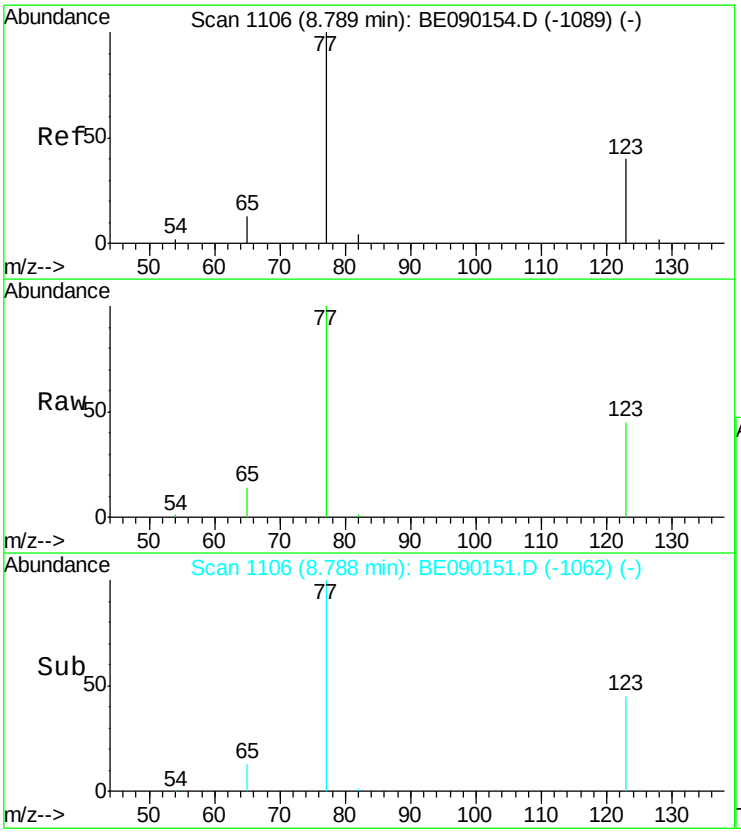
#7
Nitrobenzene-d5
Concen: 9.46 ng
RT: 8.74 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 36944

Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.7	49.1
54	56.9	45.9	68.9

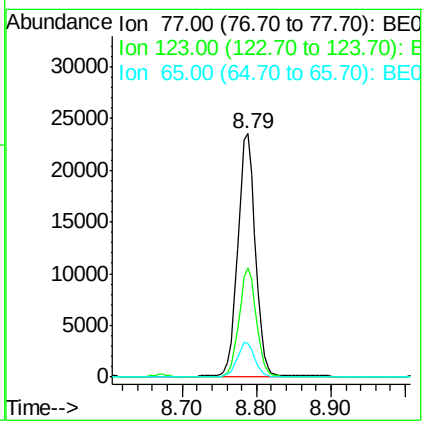


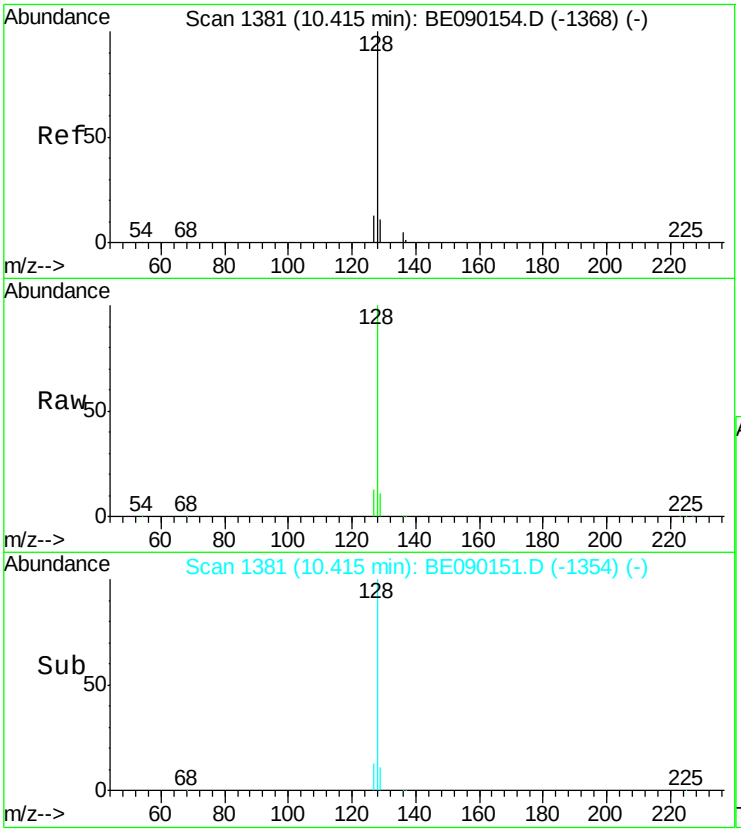


#8
Nitrobenzene
Concen: 9.29 ng
RT: 8.79 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Tgt Ion: 77 Resp: 37965

Ion	Ratio	Lower	Upper
77	100		
123	44.1	32.3	48.5
65	14.0	10.4	15.6



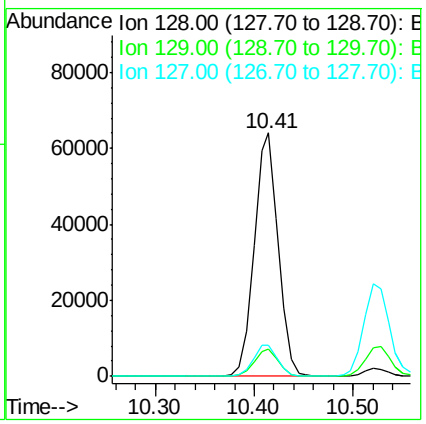


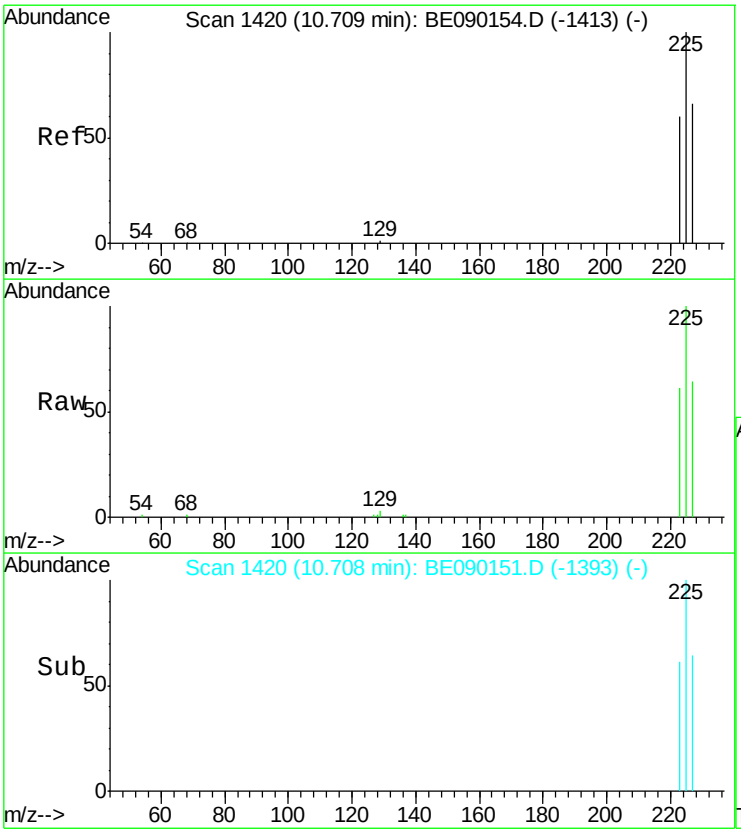
#9
Naphthalene
Concen: 8.95 ng
RT: 10.41 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 107513

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.6
127	12.9	10.7	16.1

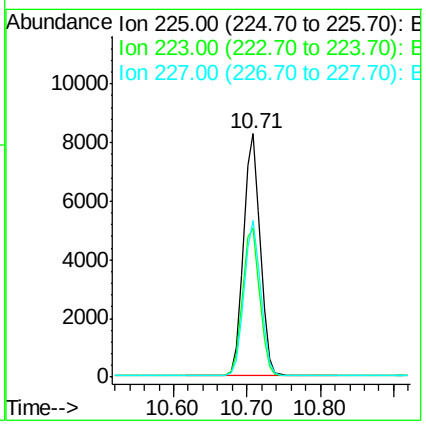


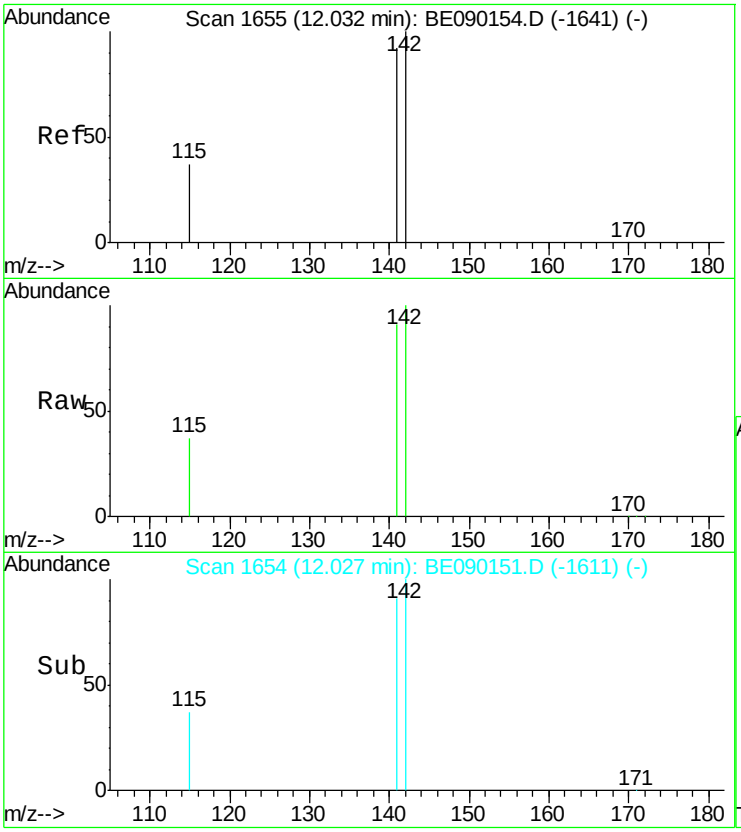


#10
Hexachlorobutadiene
Concen: 6.65 ng
RT: 10.71 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Tgt Ion:225 Resp: 13003

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.3	75.5
227	63.6	51.3	76.9



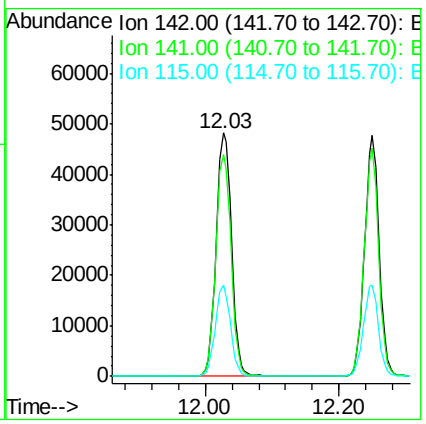


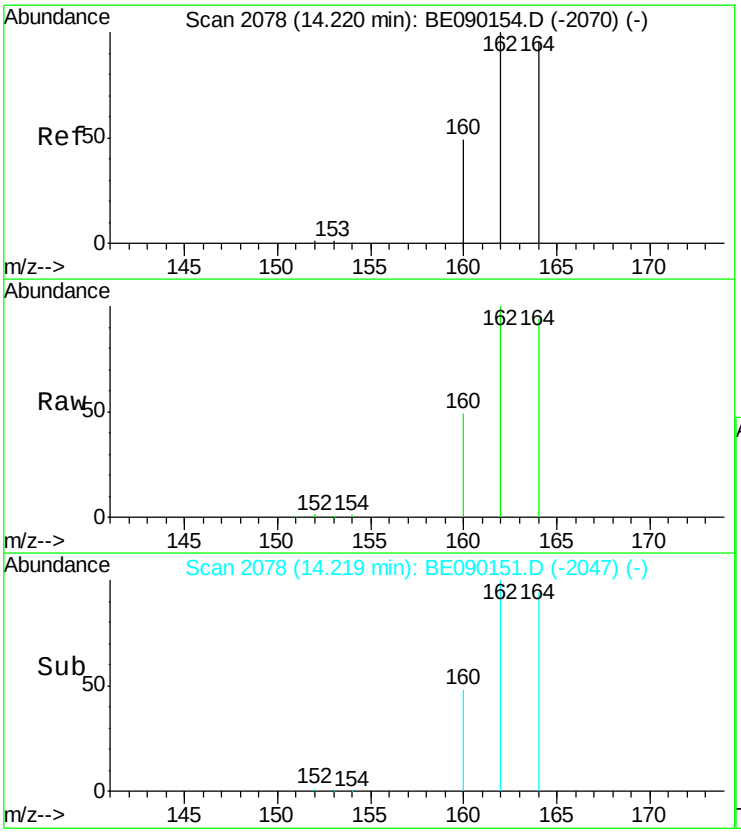
#11
2-Methylnaphthalene
Concen: 9.93 ng
RT: 12.03 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 76918

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.9	110.9
115	37.3	30.0	45.0

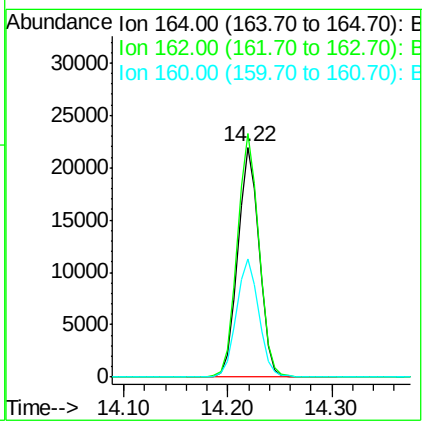


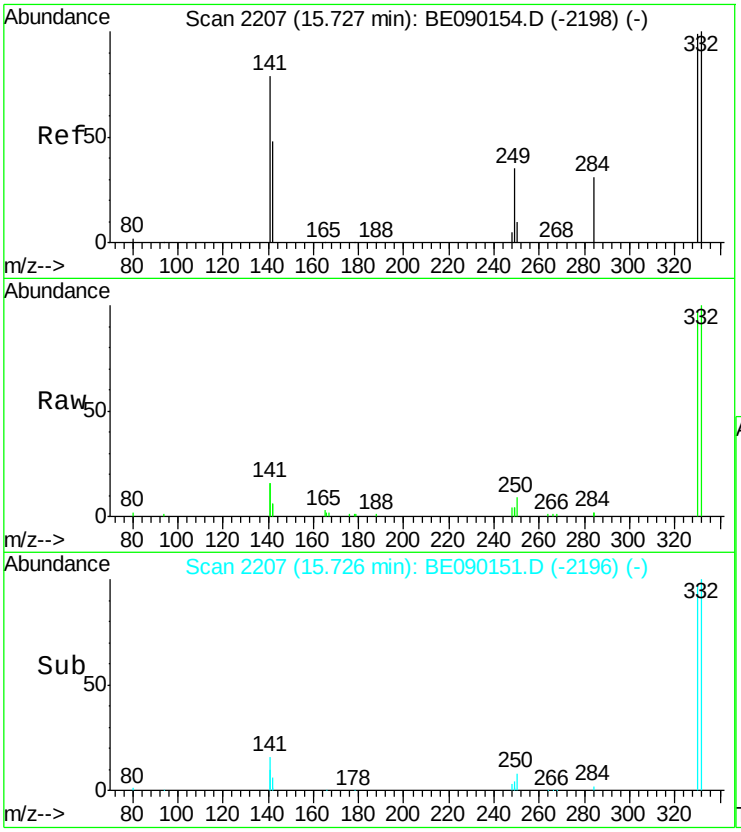


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Tgt Ion:164 Resp: 30807

Ion	Ratio	Lower	Upper
164	100		
162	106.0	83.3	124.9
160	51.4	40.9	61.3



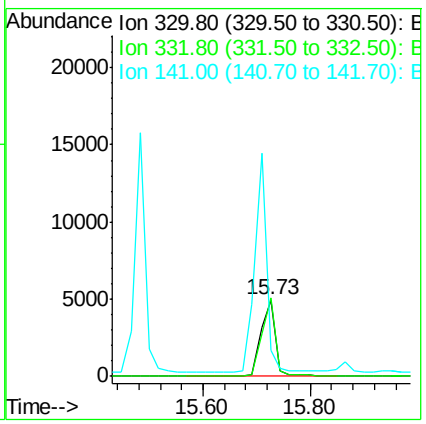


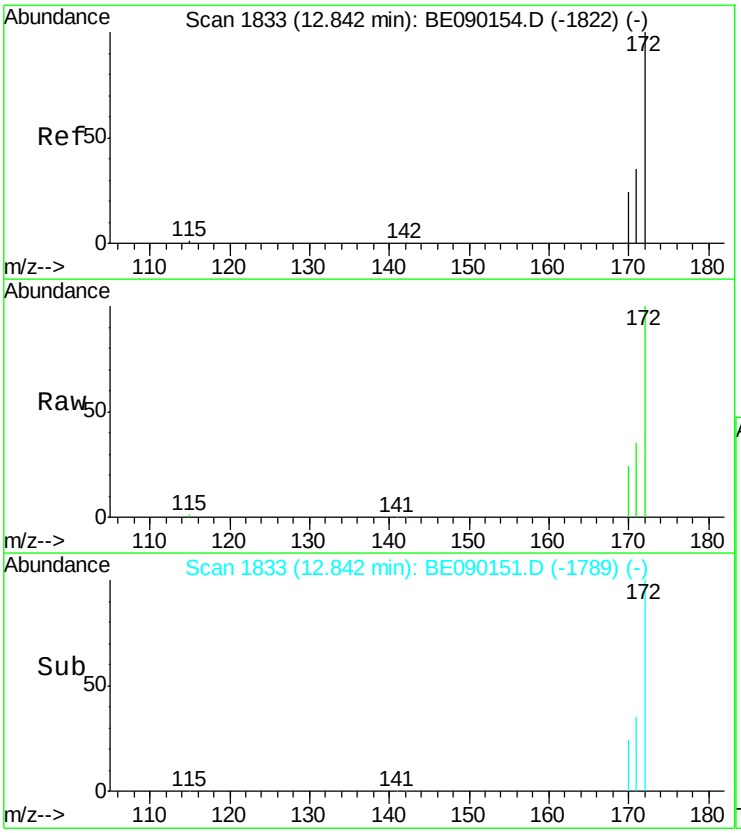
#13
2,4,6-Tribromophenol
Concen: 15.98 ng
RT: 15.73 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:330 Resp: 9042

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.2	117.2
141	238.3	215.8	323.6

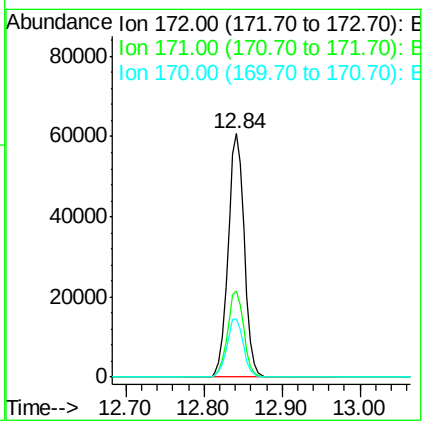


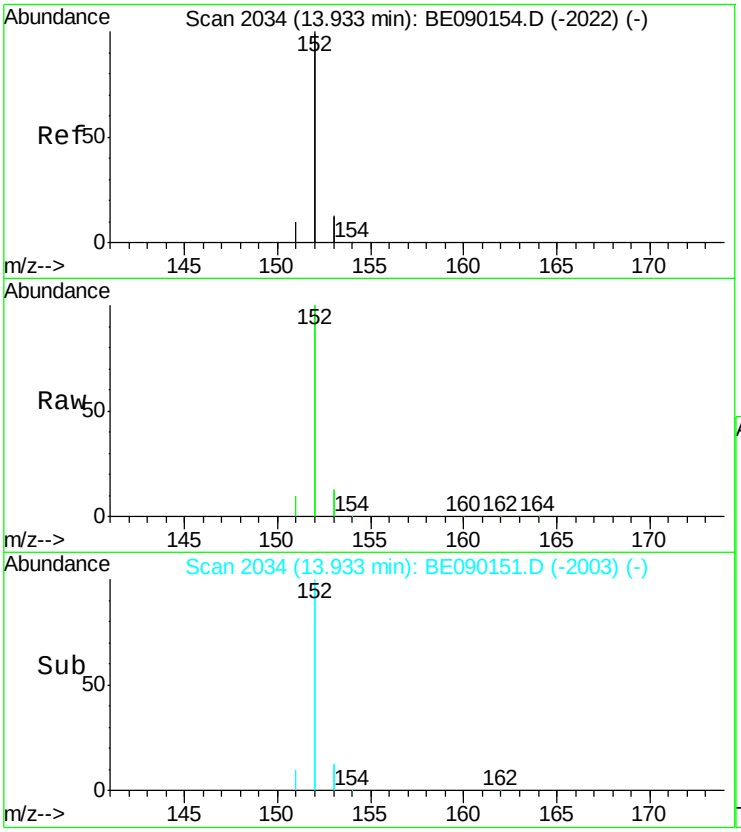


#14
2-Fluorobiphenyl
Concen: 9.23 ng
RT: 12.84 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Tgt Ion:172 Resp: 87055

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	24.0	19.7	29.5



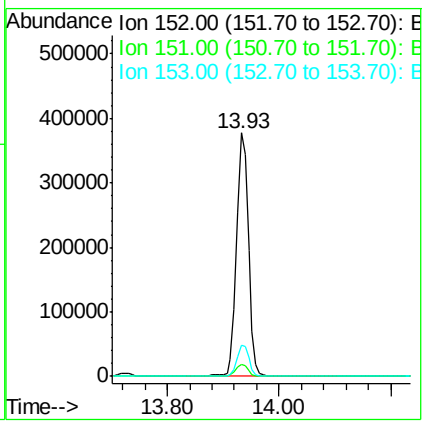


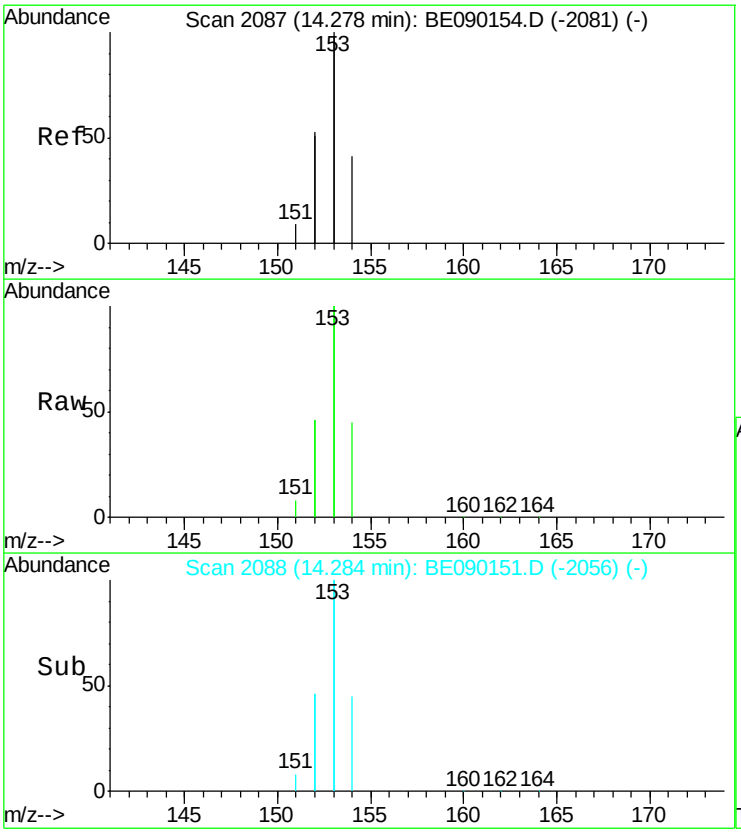
#15
Acenaphthylene
Concen: 10.08 ng
RT: 13.93 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 553426

Ion	Ratio	Lower	Upper
152	100		
151	5.1	4.0	6.0
153	13.1	10.4	15.6

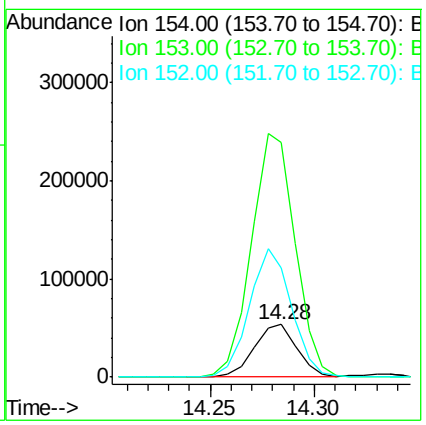


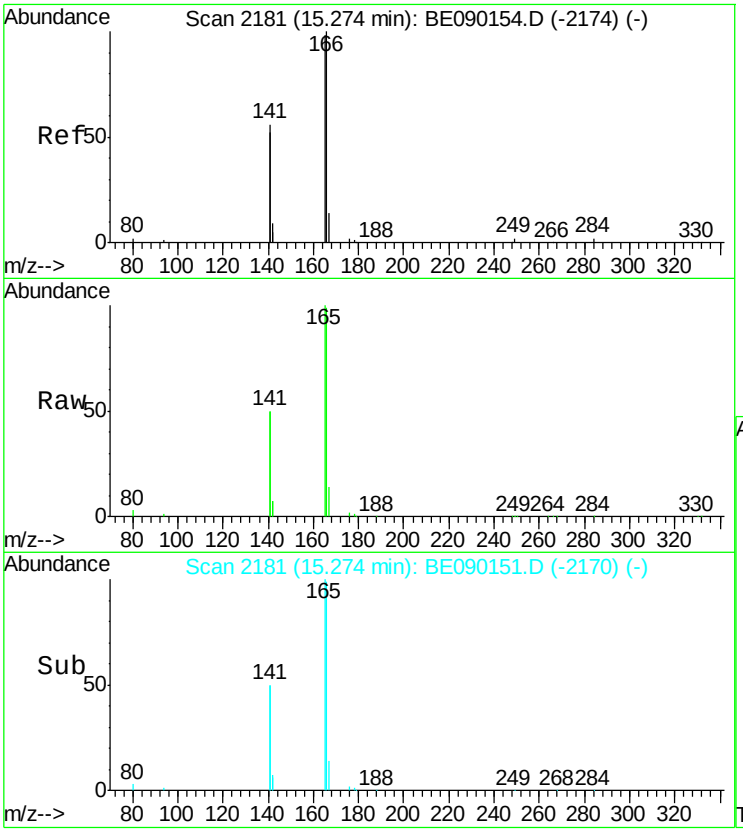


#16
Acenaphthene
Concen: 9.72 ng
RT: 14.28 min Scan# 2088
Delta R.T. 0.01 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Tgt Ion:154 Resp: 76900

Ion	Ratio	Lower	Upper
154	100		
153	470.9	376.9	565.3
152	240.2	199.0	298.6



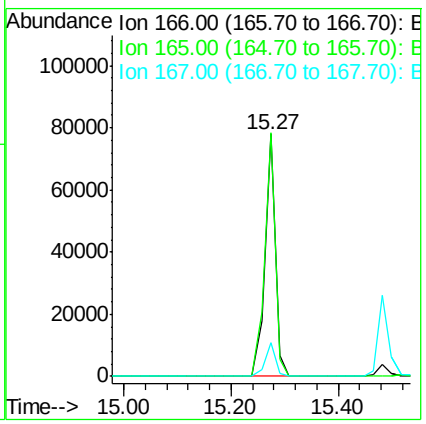


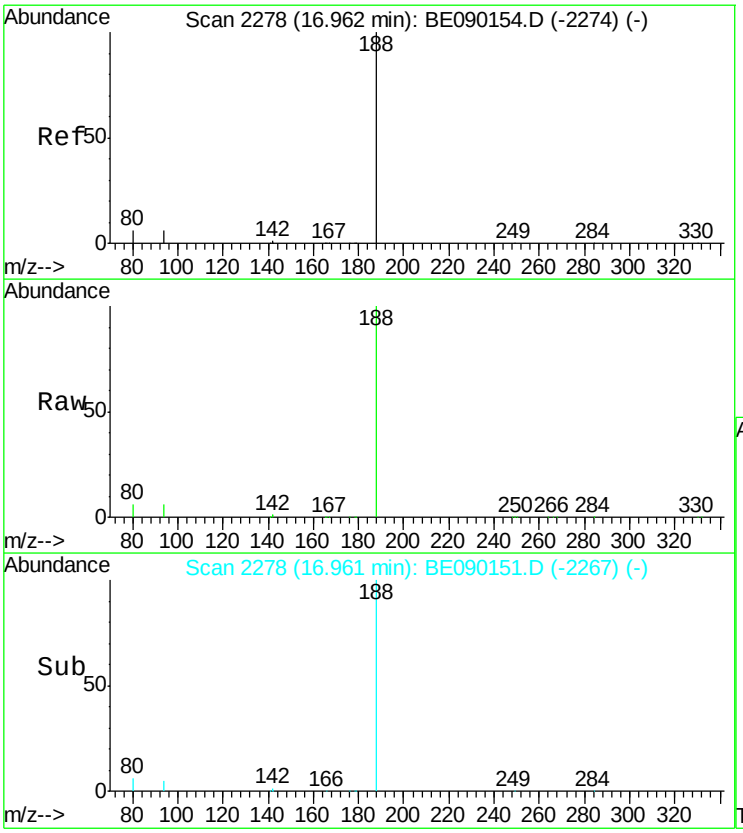
#17
Fluorene
Concen: 10.36 ng
RT: 15.27 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:166 Resp: 107676

Ion	Ratio	Lower	Upper
166	100		
165	102.0	81.5	122.3
167	13.5	11.9	17.9

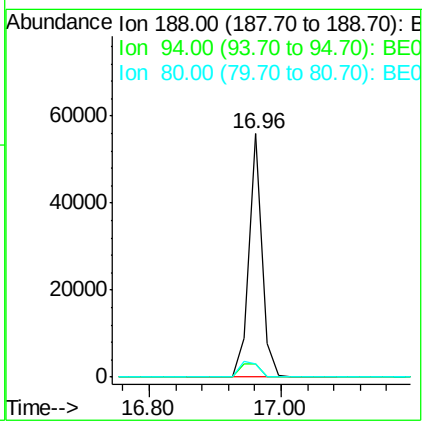


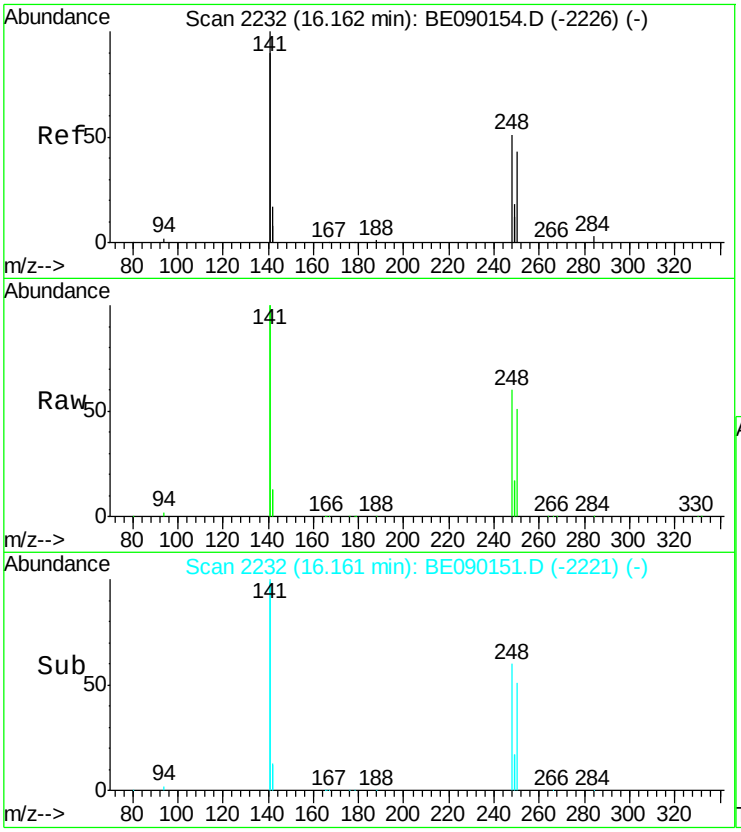


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.96 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Tgt Ion:188 Resp: 76564

Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.6	7.0
80	5.6	4.6	6.8



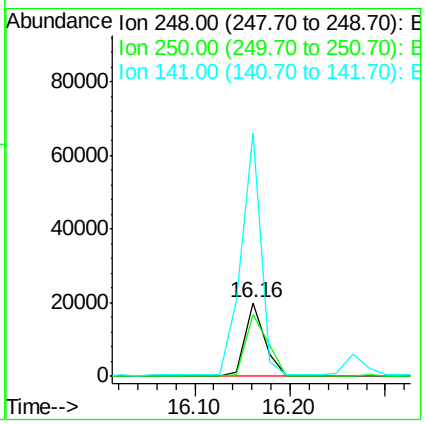


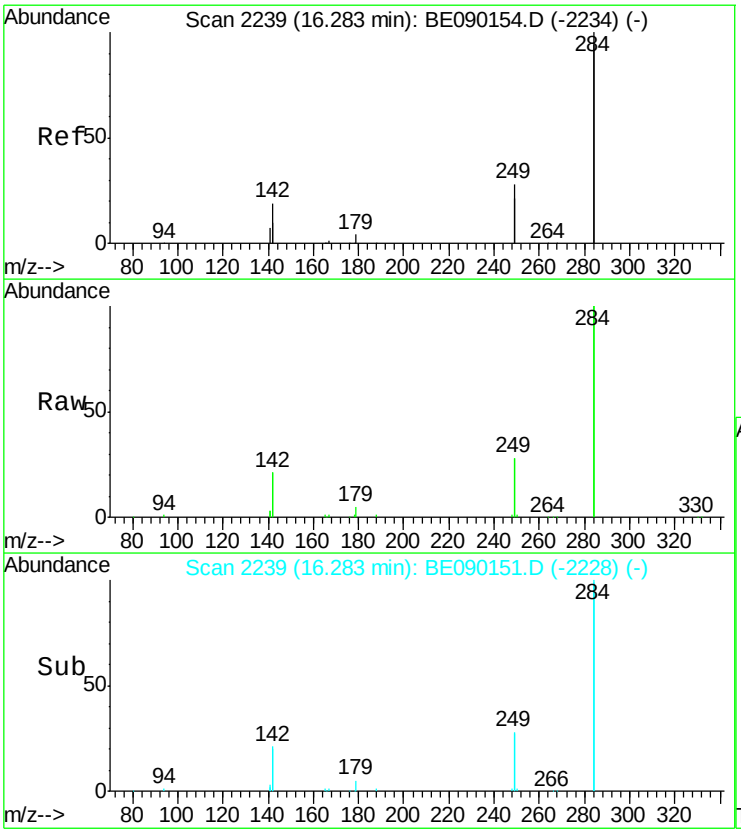
#19
4-Bromophenyl-phenylether
Concen: 8.80 ng
RT: 16.16 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 28332

Ion	Ratio	Lower	Upper
248	100		
250	95.7	77.4	116.0
141	333.9	281.3	421.9

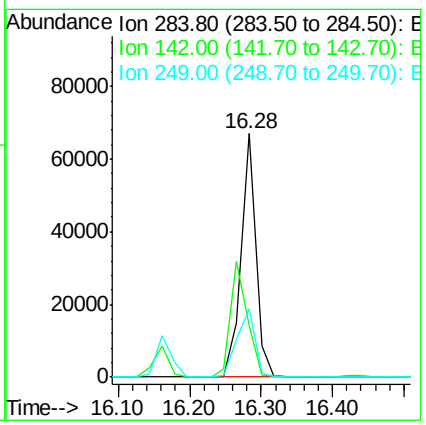


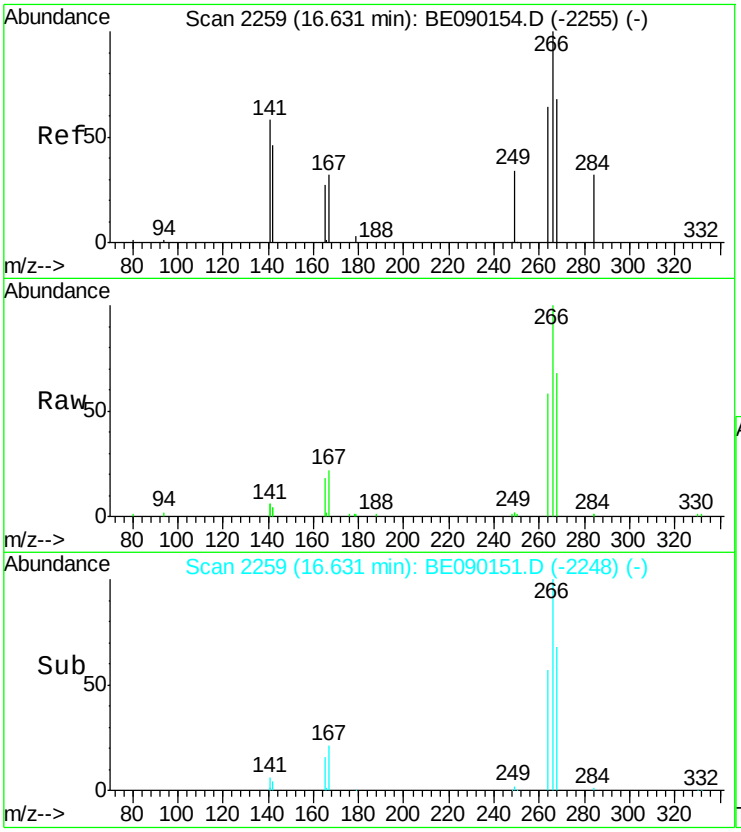


#20
Hexachlorobenzene
Concen: 6.94 ng
RT: 16.28 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Tgt Ion:284 Resp: 94540

Ion	Ratio	Lower	Upper
284	100		
142	52.8	42.2	63.2
249	33.1	25.5	38.3



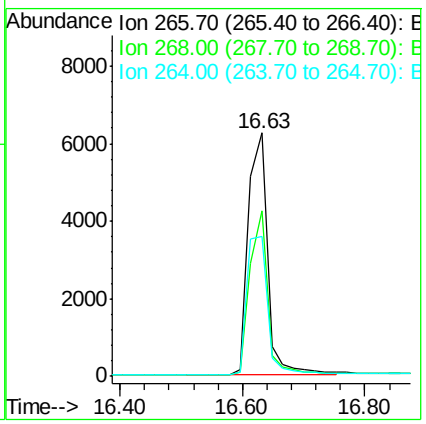


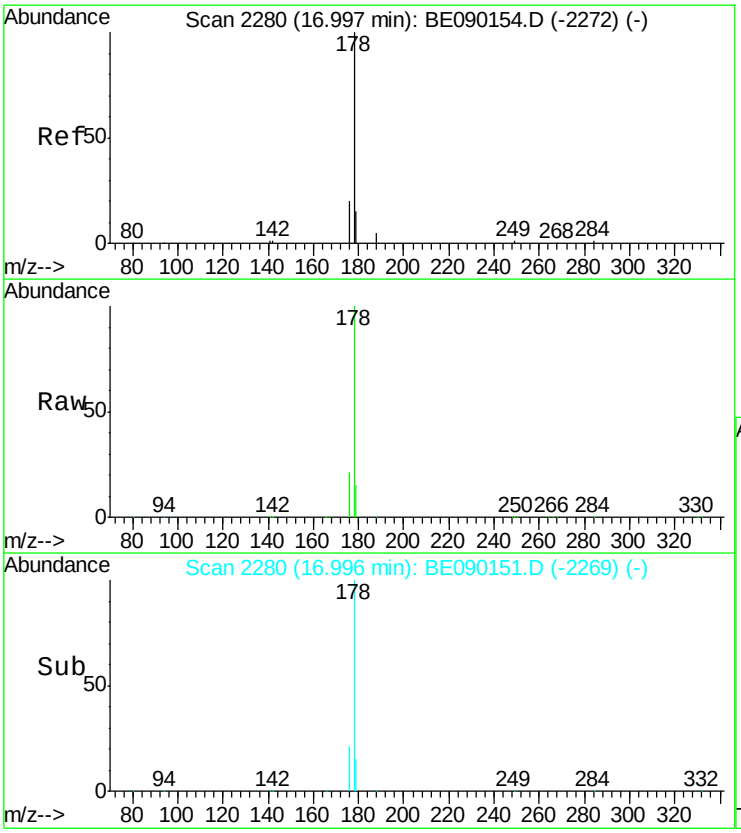
#21
Pentachlorophenol
Concen: 20.97 ng
RT: 16.63 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:266 Resp: 13559

Ion	Ratio	Lower	Upper
266	100		
268	68.2	58.2	87.4
264	57.5	55.0	82.4

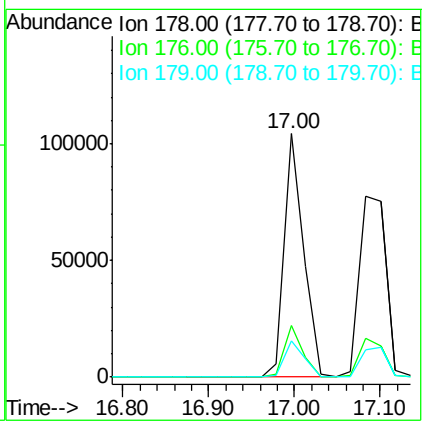


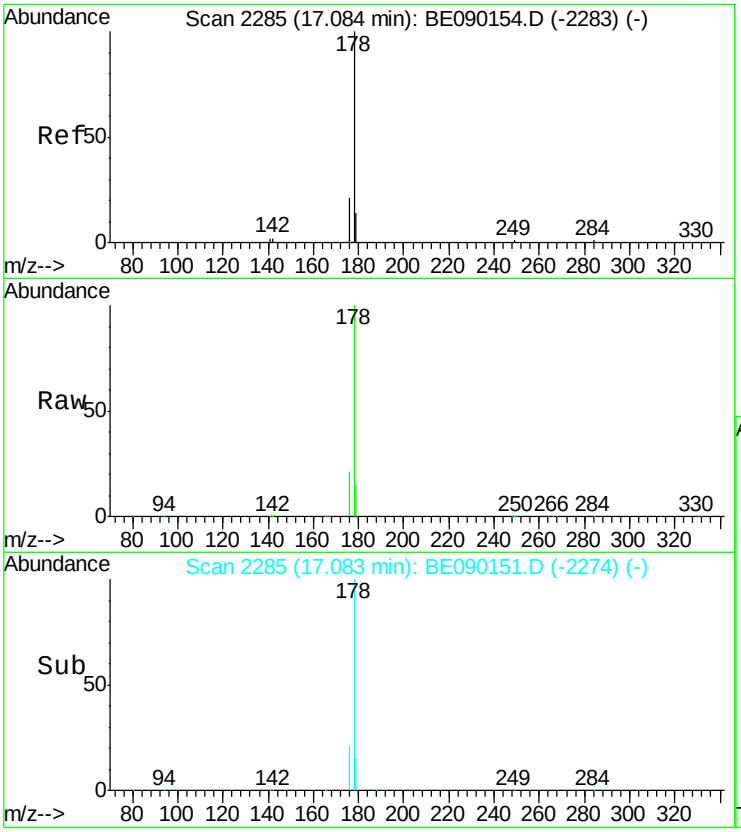


#22
Phenanthrene
Concen: 8.70 ng
RT: 17.00 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Tgt Ion:178 Resp: 165379

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.9	23.9
179	15.4	12.5	18.7



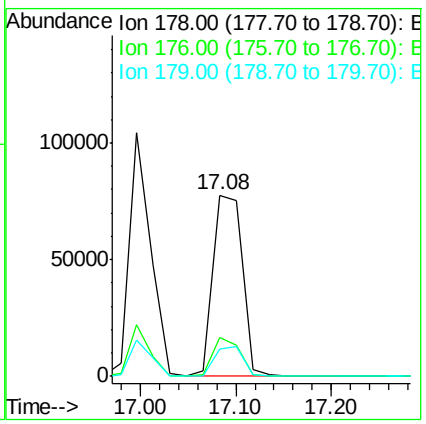


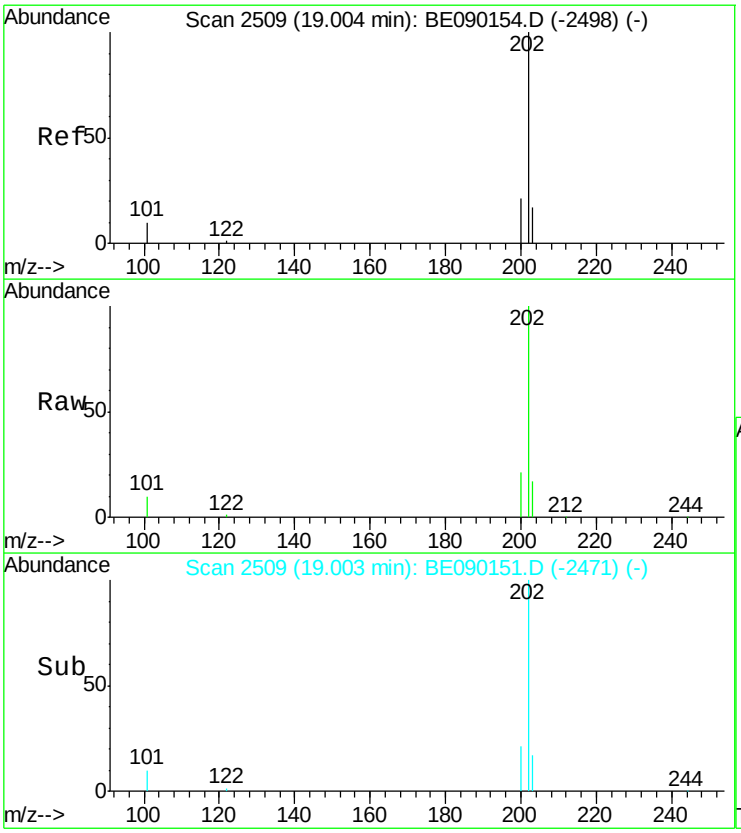
#23
Anthracene
Concen: 9.78 ng
RT: 17.08 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 165583

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.7	12.2	18.2

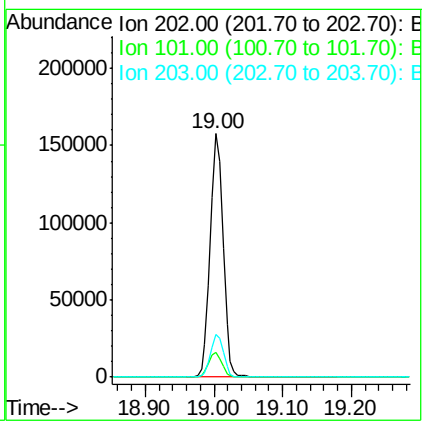


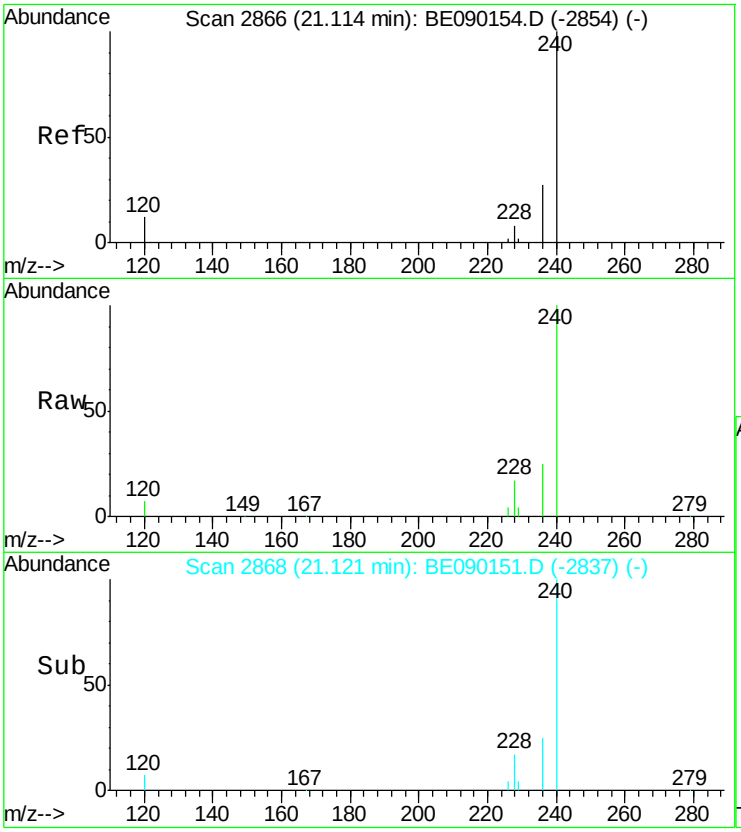


#24
Fluoranthene
Concen: 10.63 ng
RT: 19.00 min Scan# 2509
Delta R.T. -0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Tgt Ion:202 Resp: 202587

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.5	12.7
203	17.4	13.9	20.9



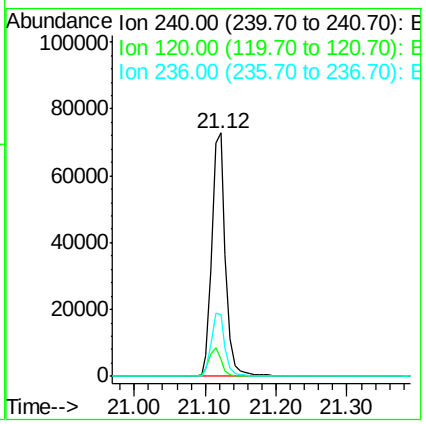


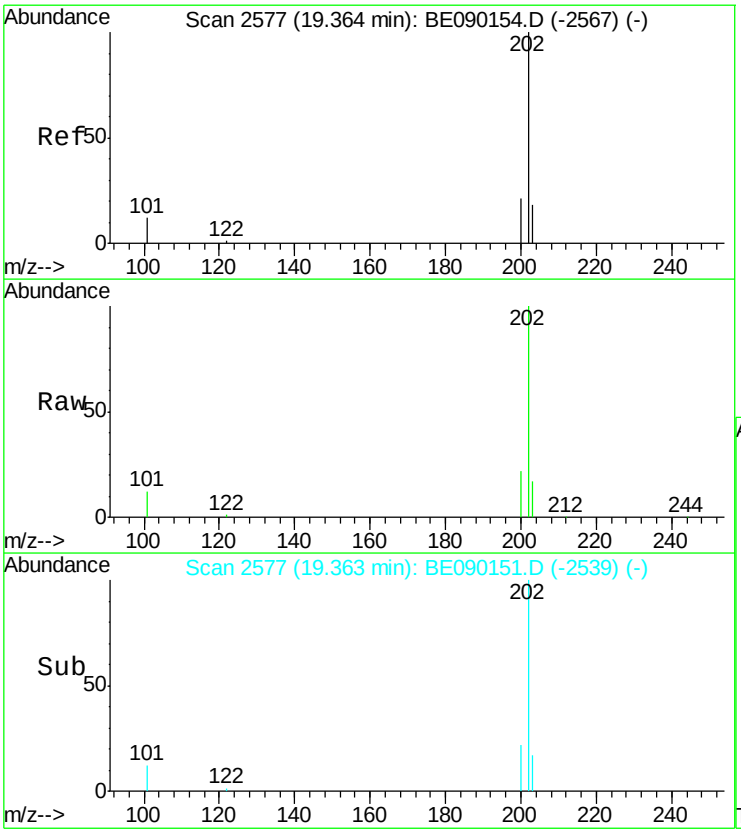
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.12 min Scan# 2868
Delta R.T. 0.01 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:240 Resp: 97099

Ion	Ratio	Lower	Upper
240	100		
120	6.9	9.4	14.0#
236	25.4	21.8	32.8

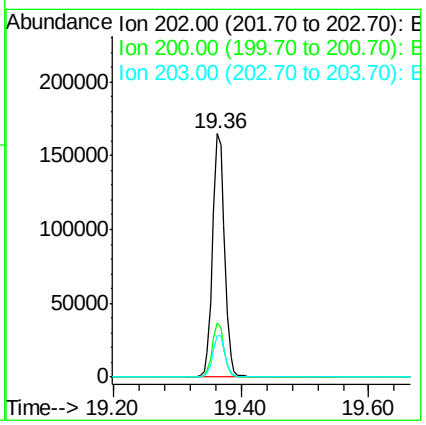


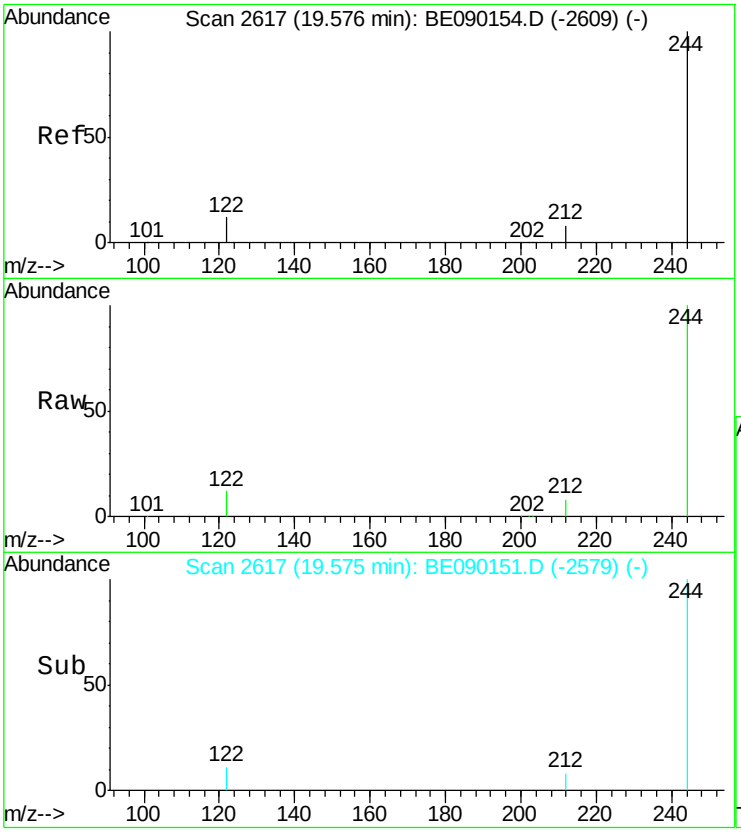


#26
Pyrene
Concen: 8.33 ng
RT: 19.36 min Scan# 2577
Delta R.T. -0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Tgt Ion:202 Resp: 213945

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.0	25.6
203	17.7	14.1	21.1



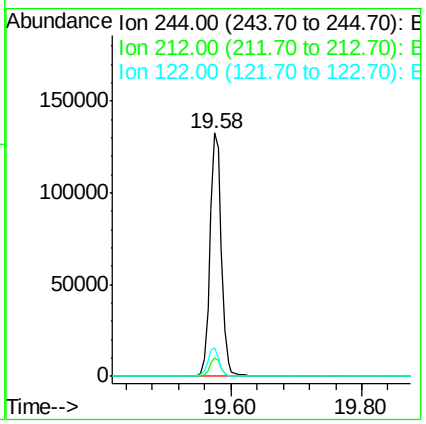


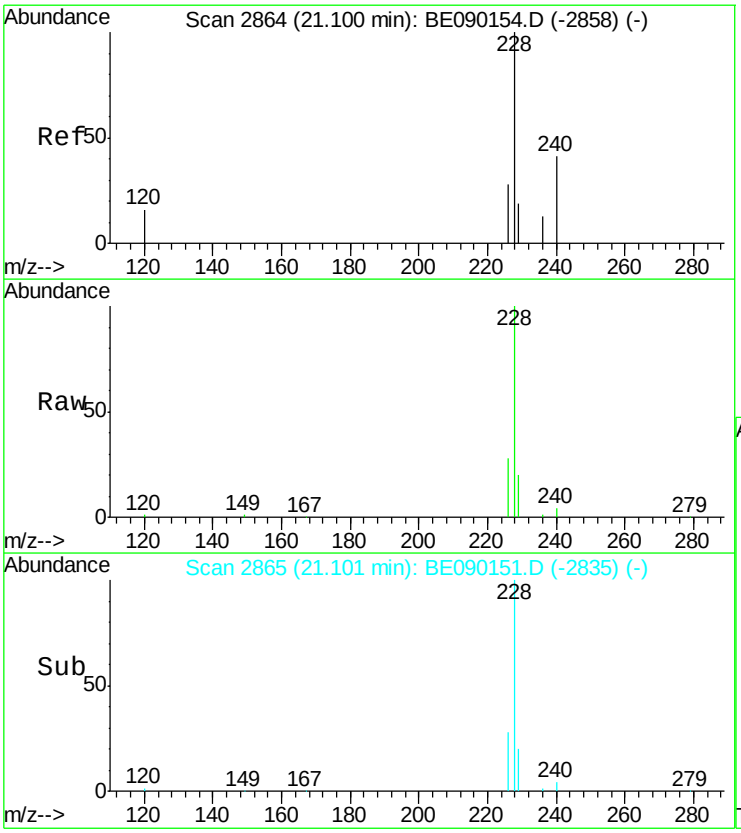
#27
Terphenyl-d14
Concen: 9.96 ng
RT: 19.58 min Scan# 2617
Delta R.T. -0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 161653

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	11.9	9.8	14.6

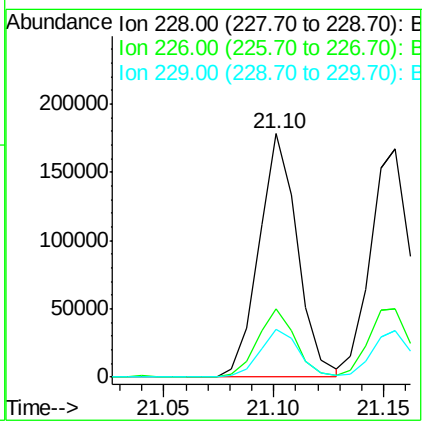


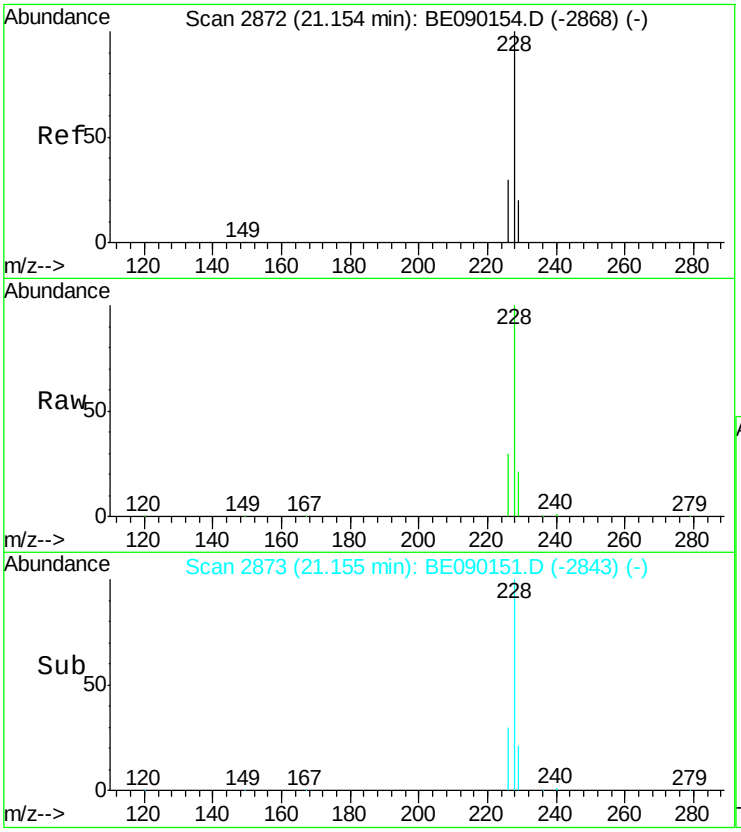


#28
Benzo(a)anthracene
Concen: 12.57 ng
RT: 21.10 min Scan# 2865
Delta R.T. 0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Tgt Ion:228 Resp: 217293

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.2	33.4
229	19.9	15.7	23.5



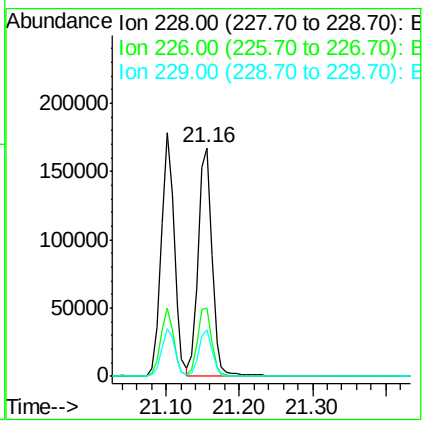


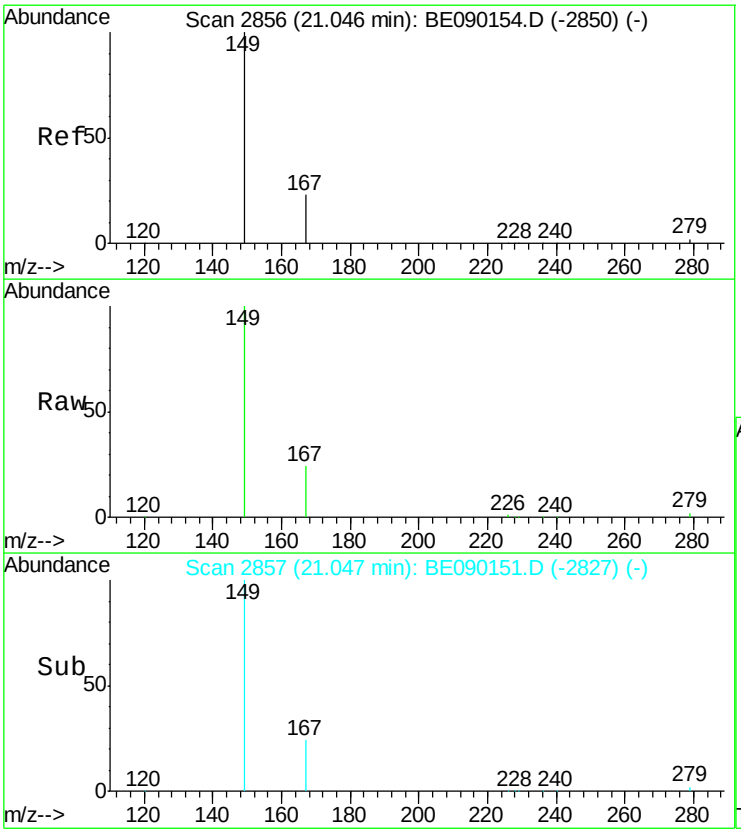
#29
Chrysene
Concen: 7.65 ng
RT: 21.16 min Scan# 2873
Delta R.T. 0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 217737

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.8
229	20.6	16.5	24.7

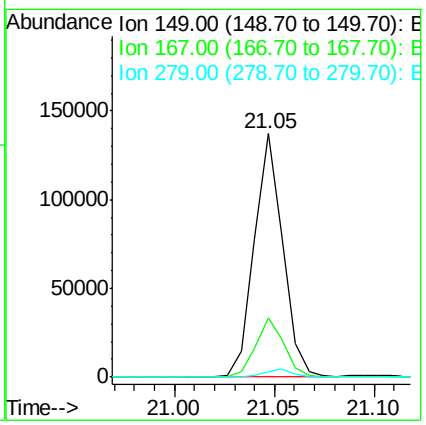


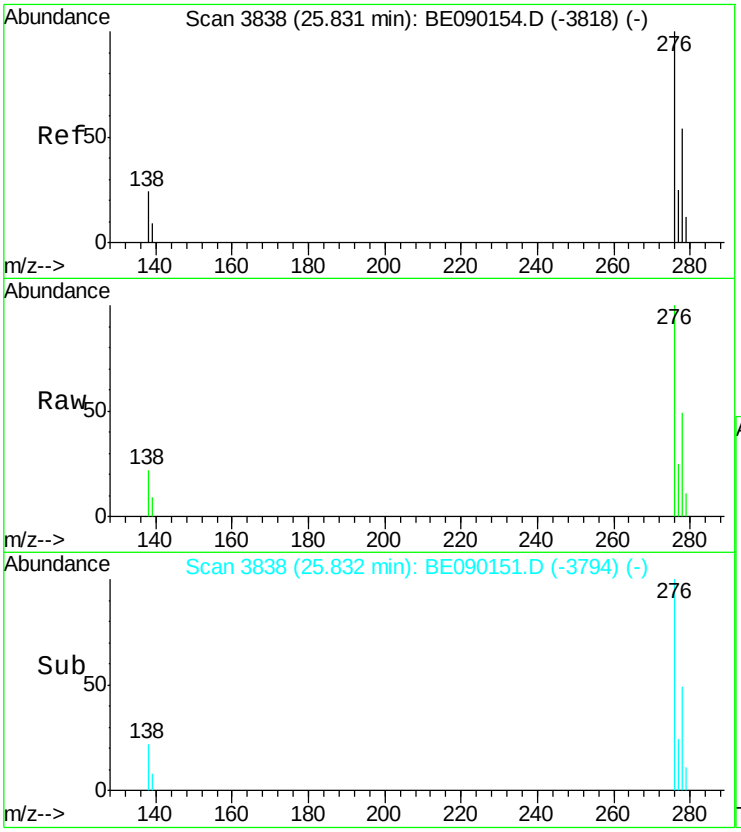


#30
Bis(2-ethylhexyl)phthalate
Concen: 29.09 ng
RT: 21.05 min Scan# 2857
Delta R.T. 0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Tgt Ion:149 Resp: 136869

Ion	Ratio	Lower	Upper
149	100		
167	24.1	18.6	28.0
279	3.0	2.2	3.4



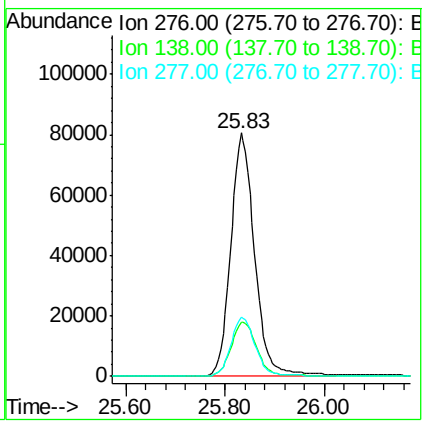


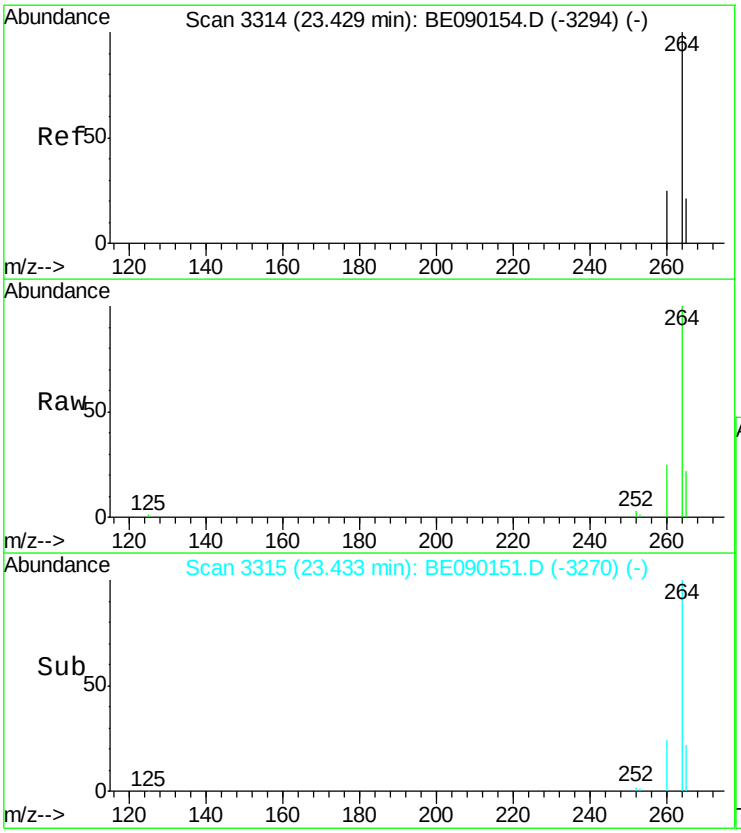
#31
Indeno(1,2,3-cd)pyrene
Concen: 31.64 ng
RT: 25.83 min Scan# 3838
Delta R.T. 0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 268983

Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.5	29.3
277	25.0	19.8	29.6

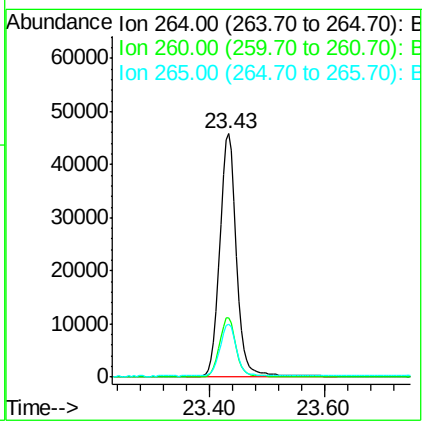


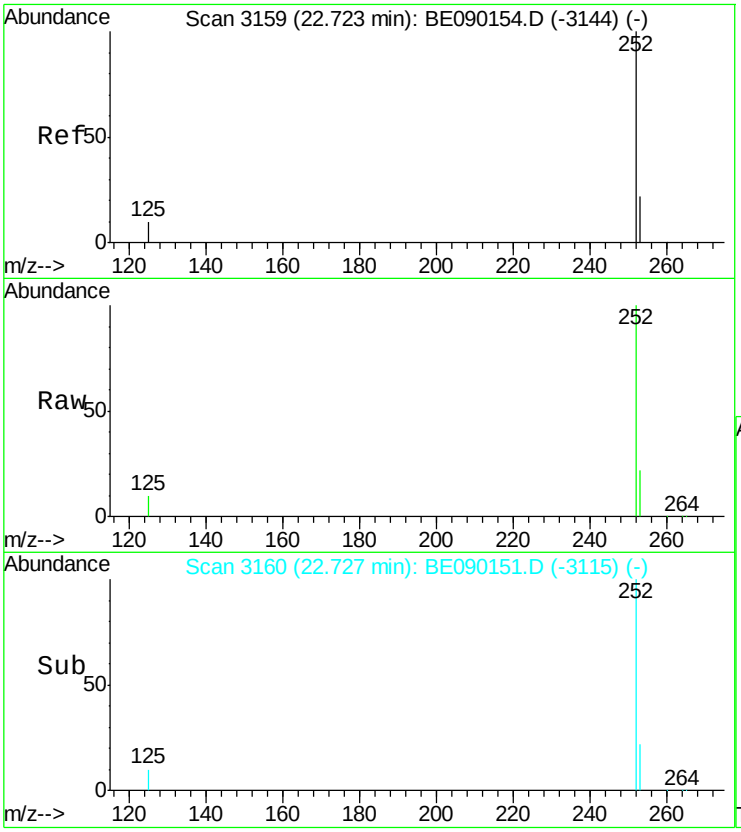


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.43 min Scan# 3315
Delta R.T. 0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Tgt Ion:264 Resp: 94504

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.8
265	22.0	17.4	26.2



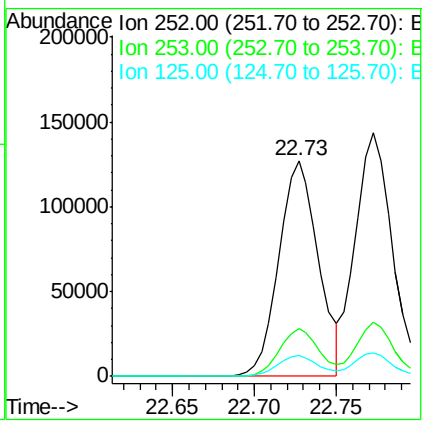


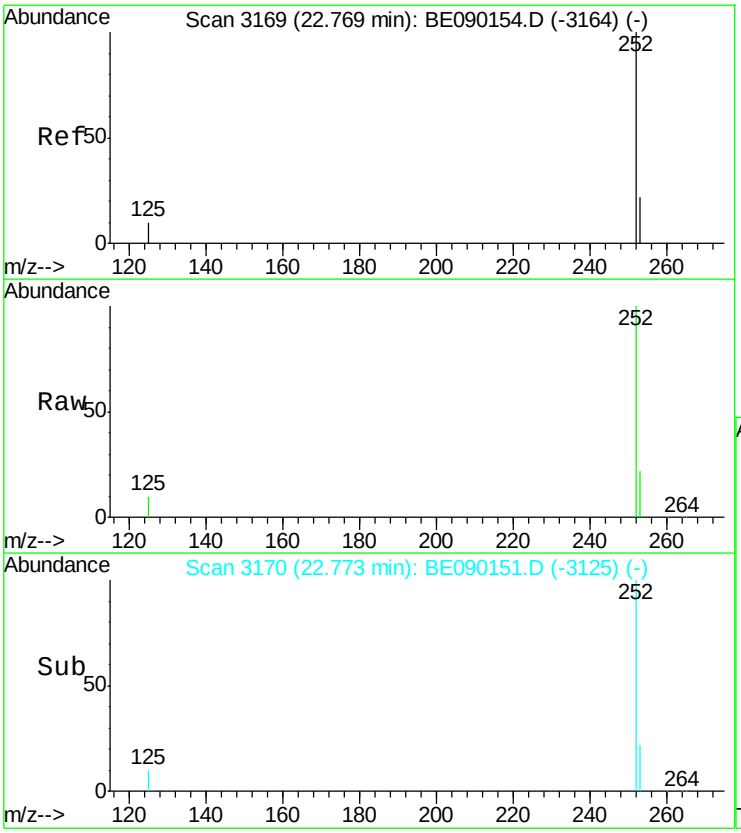
#33
Benzo(b)fluoranthene
Concen: 23.83 ng
RT: 22.73 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 213226

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	9.9	8.7	13.1

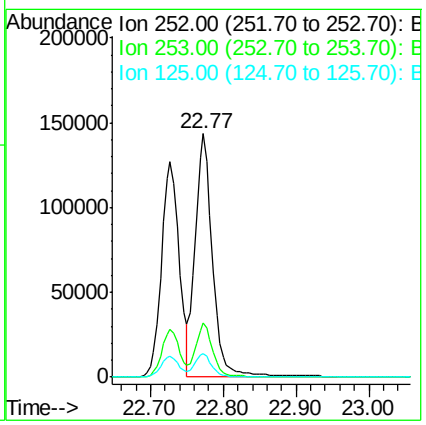


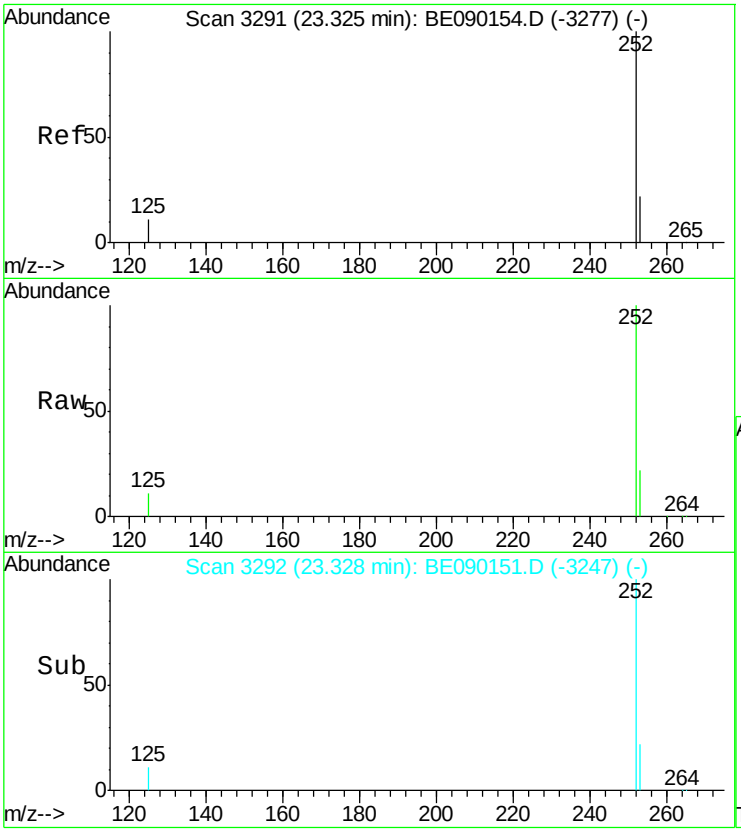


#34
Benzo(k)fluoranthene
Concen: 11.65 ng
RT: 22.77 min Scan# 3170
Delta R.T. 0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Tgt Ion:252 Resp: 233511

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	9.7	8.7	13.1



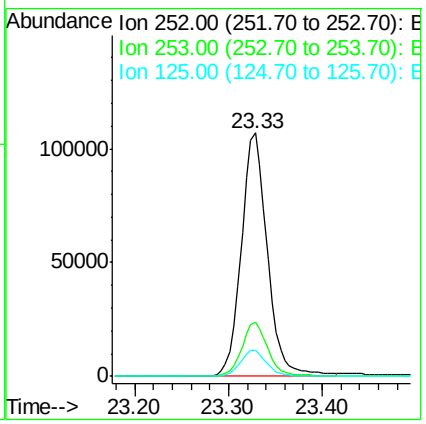


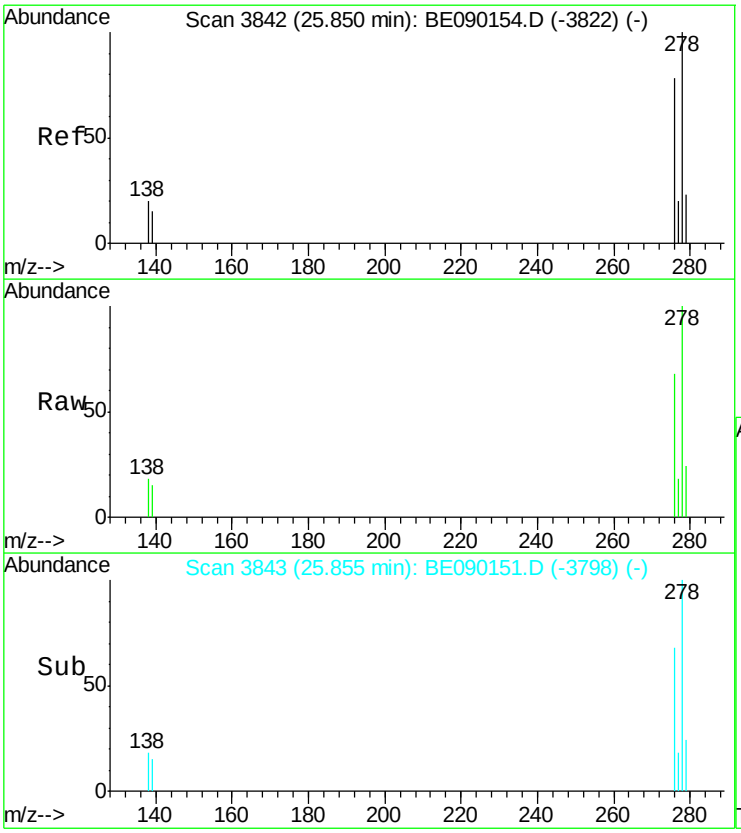
#35
Benzo(a)pyrene
Concen: 18.13 ng
RT: 23.33 min Scan# 3292
Delta R.T. 0.00 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 205355

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	10.8	9.4	14.0

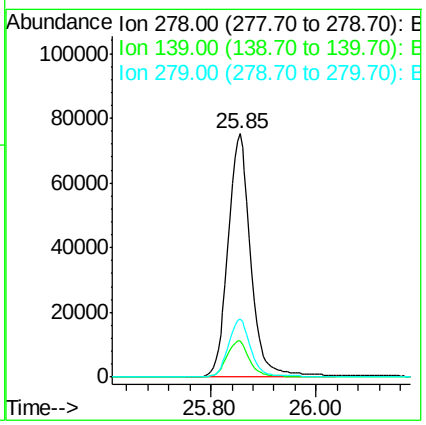


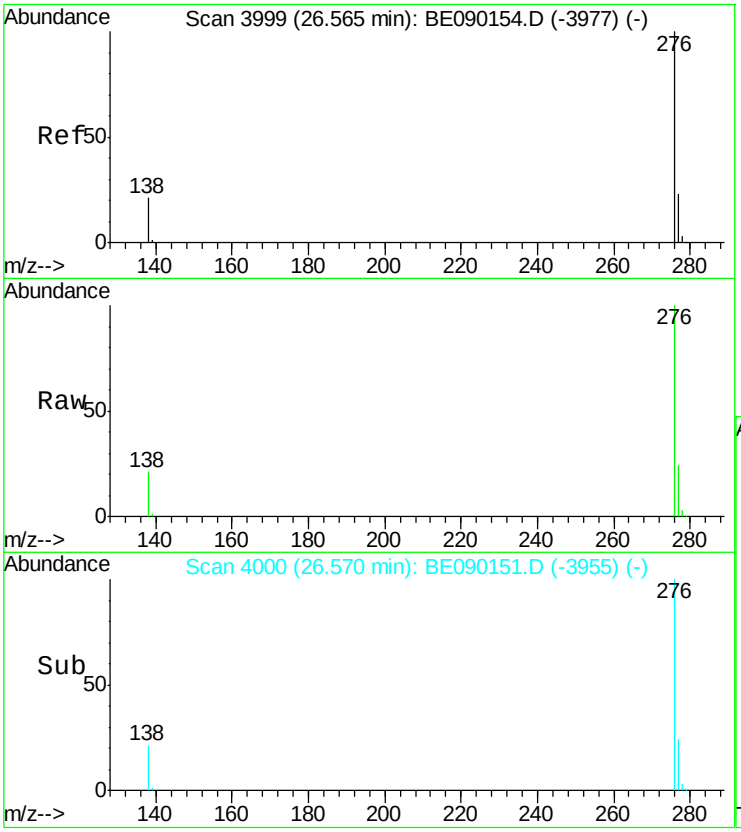


#36
Dibenzo(a,h)anthracene
Concen: 31.41 ng
RT: 25.85 min Scan# 3843
Delta R.T. 0.01 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Tgt Ion:278 Resp: 224325

Ion	Ratio	Lower	Upper
278	100		
139	14.7	12.9	19.3
279	23.9	19.3	28.9





#37
Benzo(g,h,i)perylene
Concen: 17.94 ng
RT: 26.57 min Scan# 4000
Delta R.T. 0.01 min
Lab File: BE090151.D
Acq: 17 Jul 2015 18:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 213879

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.6
138	21.0	17.2	25.8