Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071715\
Data File : BE090152.D
Acq On : 17 Jul 2015 19:10
Operator : TP/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC005

Quant Time: Jul 18 00:02:21 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	12091	5.00	ng		0.00
6) Naphthalene-d8	10.36	136	59656	5.00	ng		0.00
12) Acenaphthene-d10	14.22	164	34606	5.00	ng		0.00
18) Phenanthrene-d10	16.96	188	87052	5.00	ng		0.00
25) Chrysene-d12	21.12	240	103516	5.00	ng		0.00
32) Perylene-d12	23.43	264	102146	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	13813	5.22	ng		0.00
5) Phenol-d6	6.79	99	18865	5.11	ng		0.00
7) Nitrobenzene-d5	8.75	82	19578	4.49	ng		0.00
13) 2,4,6-Tribromophenol	15.73	330	4617	7.26	ng		0.00
14) 2-Fluorobiphenyl	12.84	172	46798	4.42	ng		0.00
27) Terphenyl-d14	19.57	244	83529	4.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	6209	3.87	ng		98
3) n-Nitrosodimethylamine	3.51	42	10038	5.16	ng	#	96
8) Nitrobenzene	8.79	77	20043	4.39	ng		96
9) Naphthalene	10.41	128	58236	4.34	ng		98
10) Hexachlorobutadiene	10.71	225	7012	3.21	ng		100
11) 2-Methylnaphthalene	12.03	142	41000	4.74	ng		98
15) Acenaphthylene	13.93	152	292604	4.74	ng		100
16) Acenaphthene	14.28	154	41067	4.62	ng		98
17) Fluorene	15.28	166	55680	4.77	ng		98
19) 4-Bromophenyl-phenylether	16.16	248	15119	4.13	ng		93
20) Hexachlorobenzene	16.28	284	52344	3.38	ng		98
21) Pentachlorophenol	16.61	266	6725	9.15	ng		92
22) Phenanthrene	17.00	178	92428	4.28	ng		100
23) Anthracene	17.08	178	89145	4.63	ng		100
24) Fluoranthene	19.00	202	107075	4.94	ng		100
26) Pyrene	19.36	202	111900	4.09	ng		100
28) Benzo(a)anthracene	21.10	228	110383	5.99	ng		100
29) Chrysene	21.15	228	111099	3.66	ng		99
30) Bis(2-ethylhexyl)phthalate	21.05	149	66854	13.33	ng		99
31) Indeno(1,2,3-cd)pyrene	25.83	276	135227	14.92	ng		100
33) Benzo(b)fluoranthene	22.73	252	110485	11.42	ng		99
34) Benzo(k)fluoranthene	22.77	252	115107	5.32	ng		99
35) Benzo(a)pyrene	23.32	252	103683	8.47	ng		98
36) Dibenzo(a,h)anthracene	25.85	278	111367	14.43	ng		99
37) Benzo(g,h,i)perylene	26.57	276	109341	8.48	ng		99

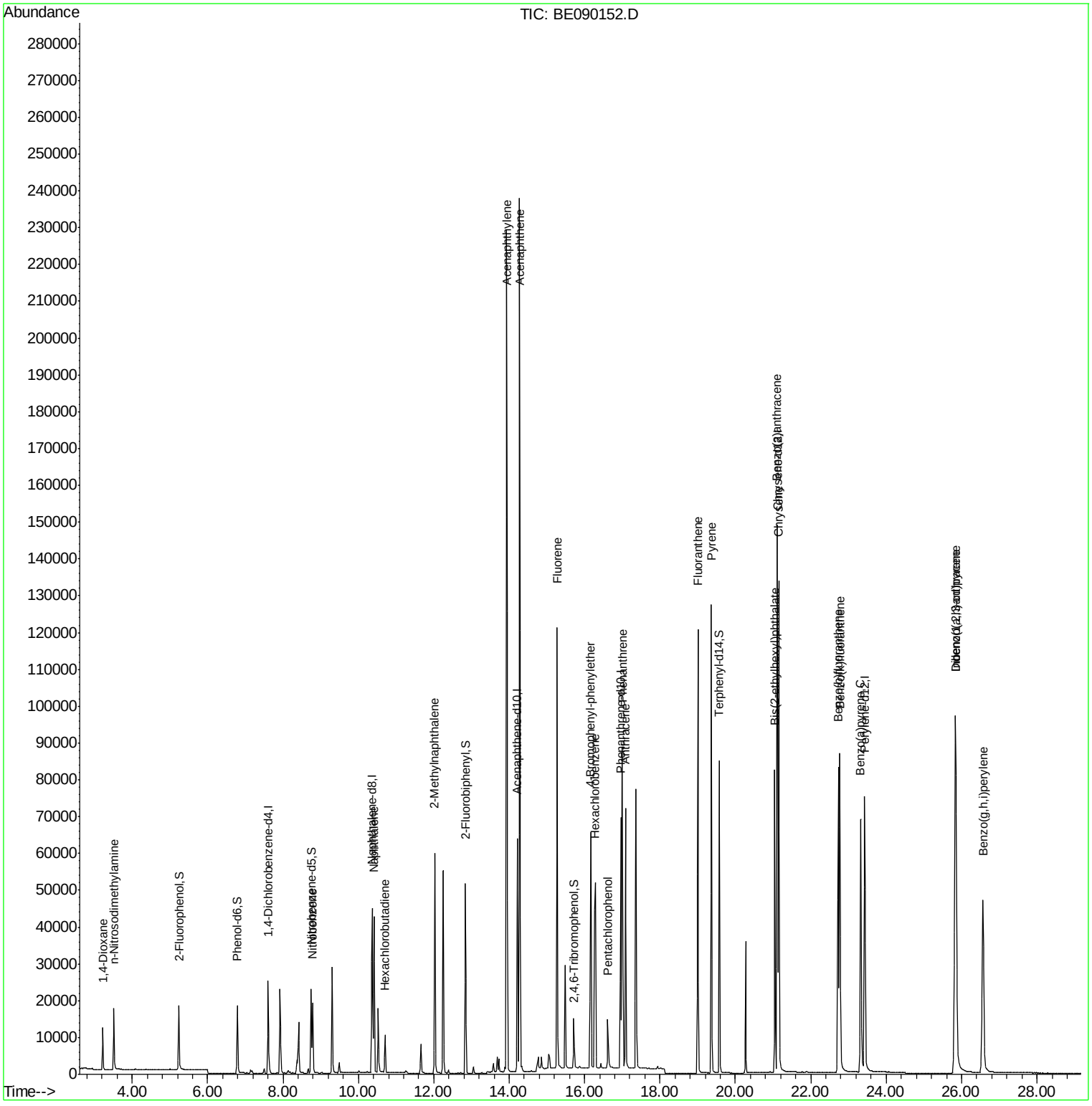
(#) = qualifier out of range (m) = manual integration (+) = signals summed

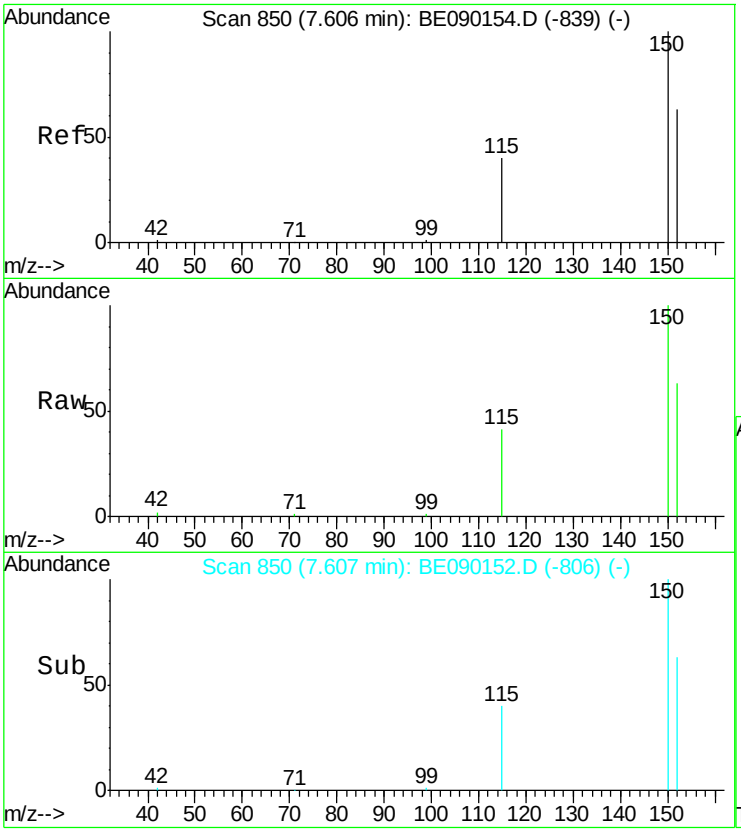
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071715\
Data File : BE090152.D
Acq On : 17 Jul 2015 19:10
Operator : TP/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Quant Time: Jul 18 00:02:21 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



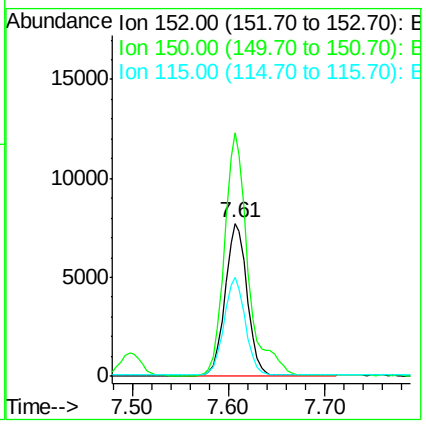


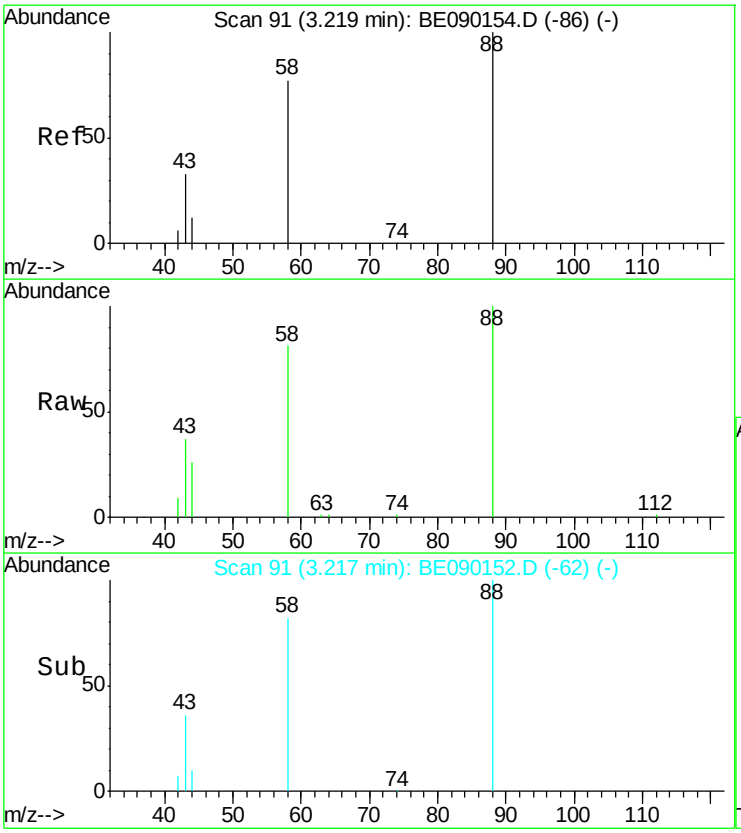
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 850
Delta R.T. 0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 12091

Ion	Ratio	Lower	Upper
152	100		
150	159.2	127.2	190.8
115	64.6	51.6	77.4

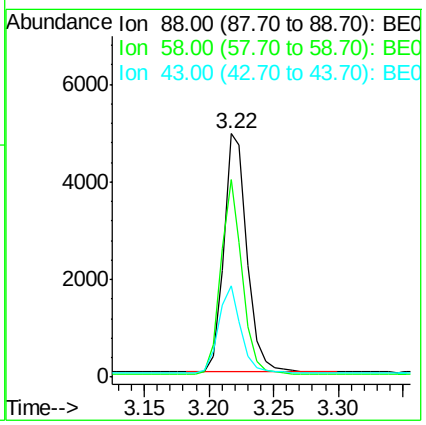


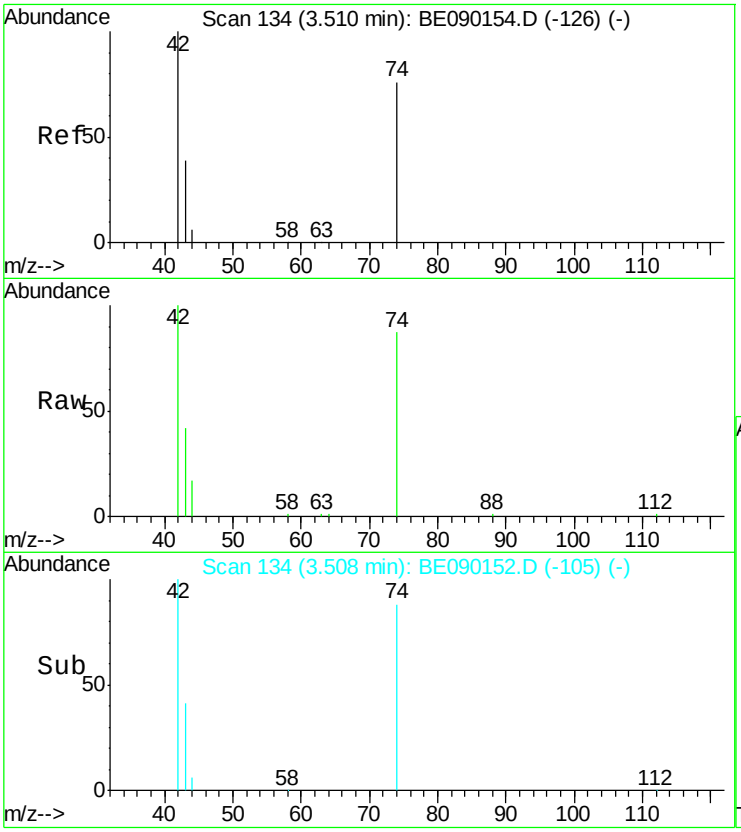


#2
1,4-Dioxane
Concen: 3.87 ng
RT: 3.22 min Scan# 91
Delta R.T. -0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Tgt Ion: 88 Resp: 6209

Ion	Ratio	Lower	Upper
88	100		
58	75.3	58.2	87.2
43	34.5	27.7	41.5



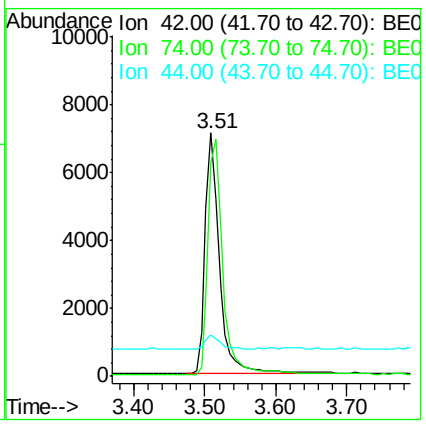


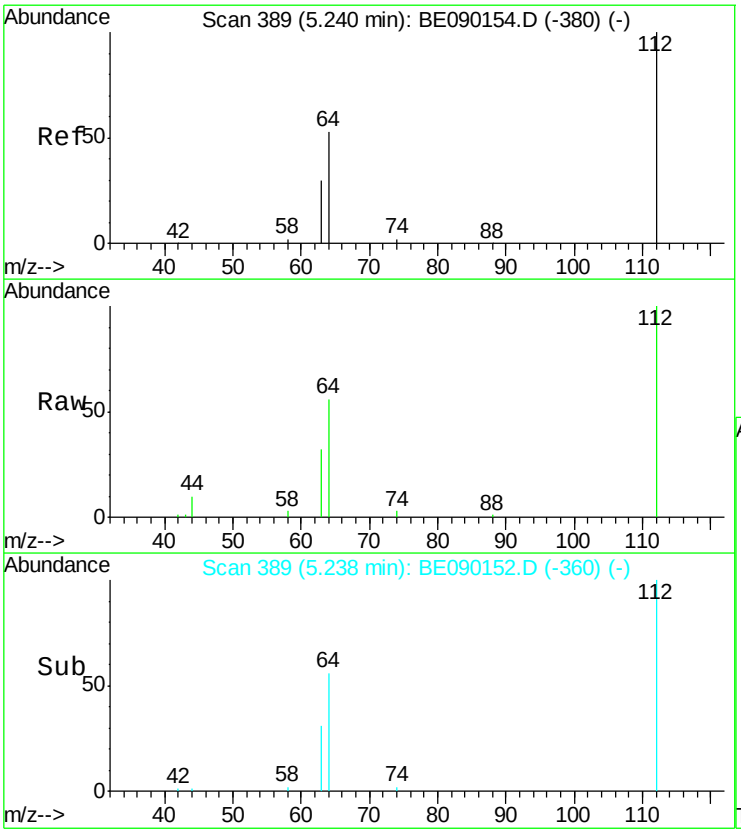
#3
n-Nitrosodimethylamine
Concen: 5.16 ng
RT: 3.51 min Scan# 134
Delta R.T. -0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion: 42 Resp: 10038

Ion	Ratio	Lower	Upper
42	100		
74	98.8	82.2	123.4
44	6.1	7.5	11.3#

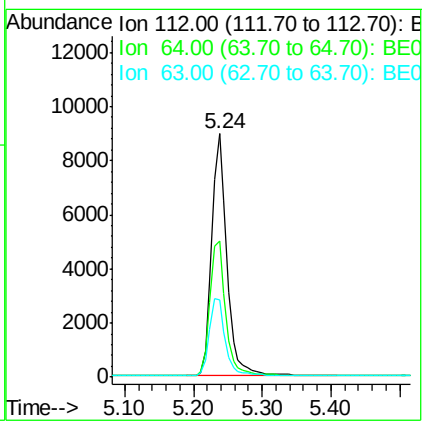


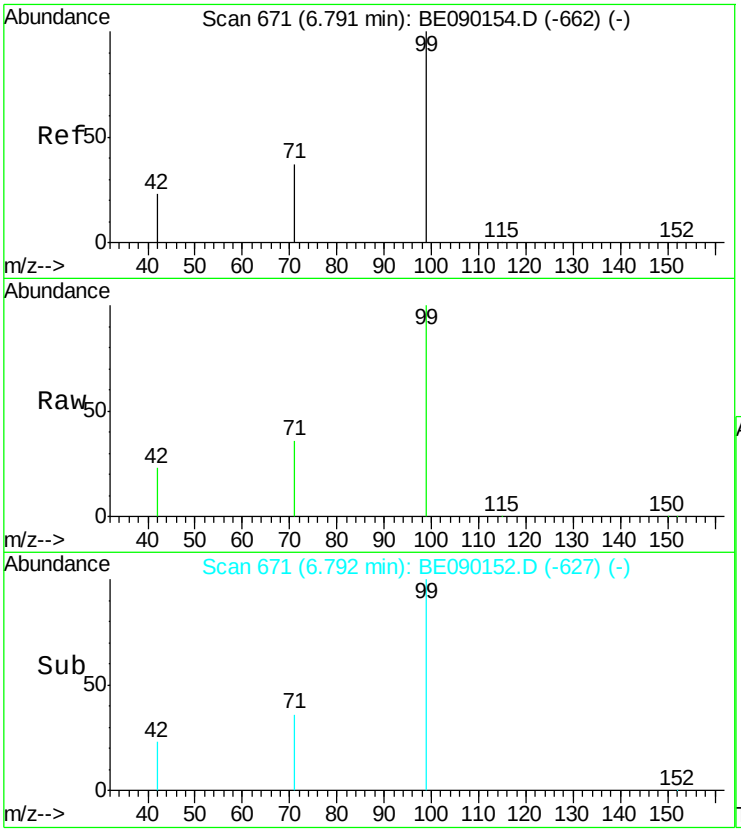


#4
2-Fluorophenol
Concen: 5.22 ng
RT: 5.24 min Scan# 389
Delta R.T. -0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Tgt Ion:112 Resp: 13813

Ion	Ratio	Lower	Upper
112	100		
64	58.1	46.7	70.1
63	33.3	27.3	40.9



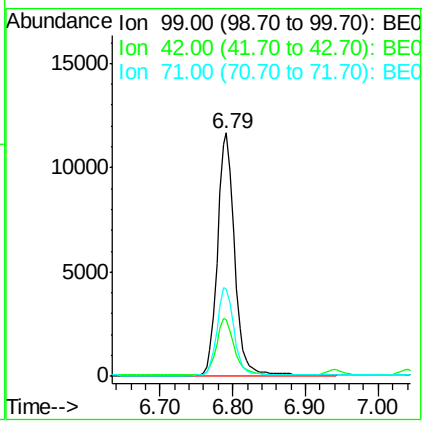


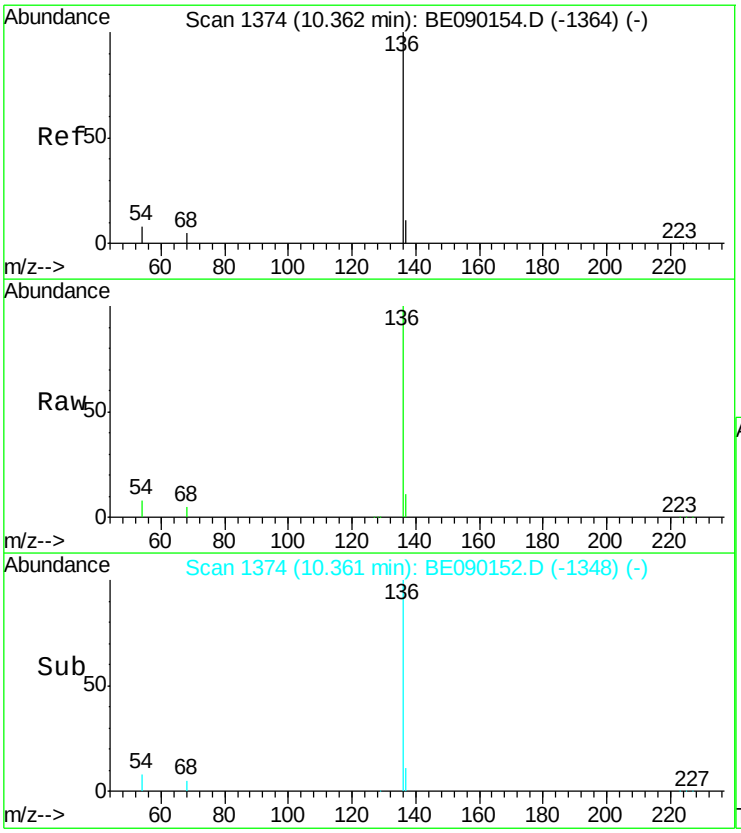
#5
Phenol-d6
Concen: 5.11 ng
RT: 6.79 min Scan# 671
Delta R.T. 0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 18865

Ion	Ratio	Lower	Upper
99	100		
42	24.8	19.1	28.7
71	36.5	29.4	44.2

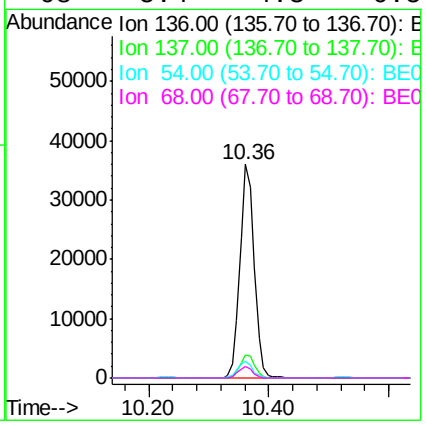


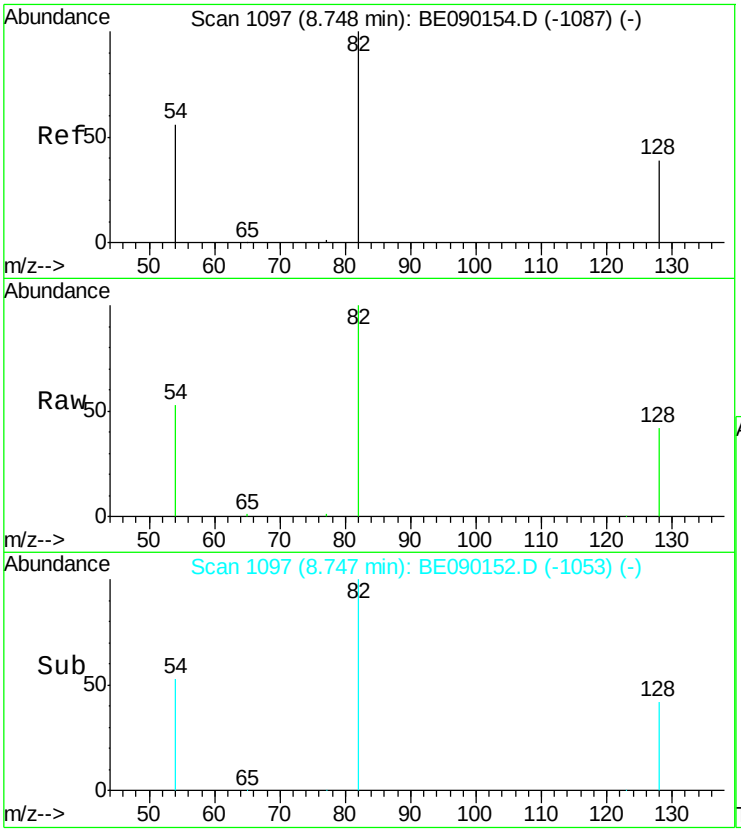


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.36 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Tgt Ion:136 Resp: 59656

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.8	6.3	9.5
68	5.4	4.3	6.5



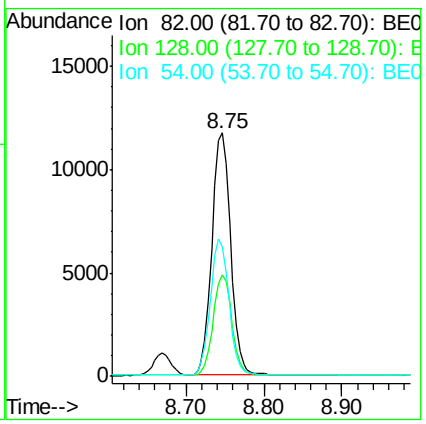


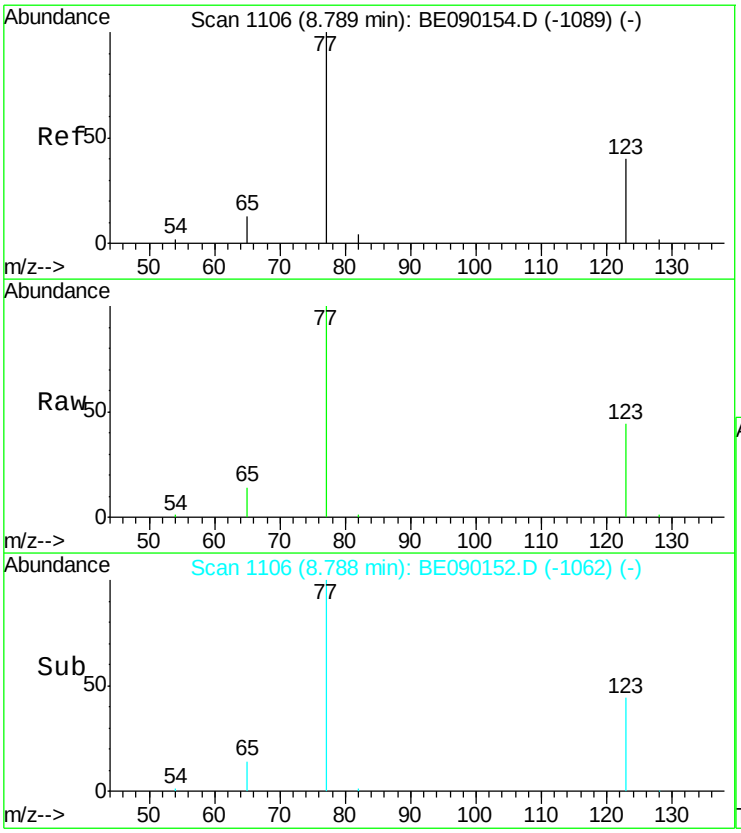
#7
Nitrobenzene-d5
Concen: 4.49 ng
RT: 8.75 min Scan# 1097
Delta R.T. -0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 19578

Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.7	49.1
54	53.2	45.9	68.9

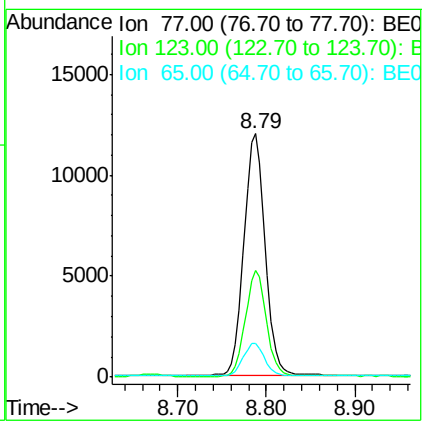


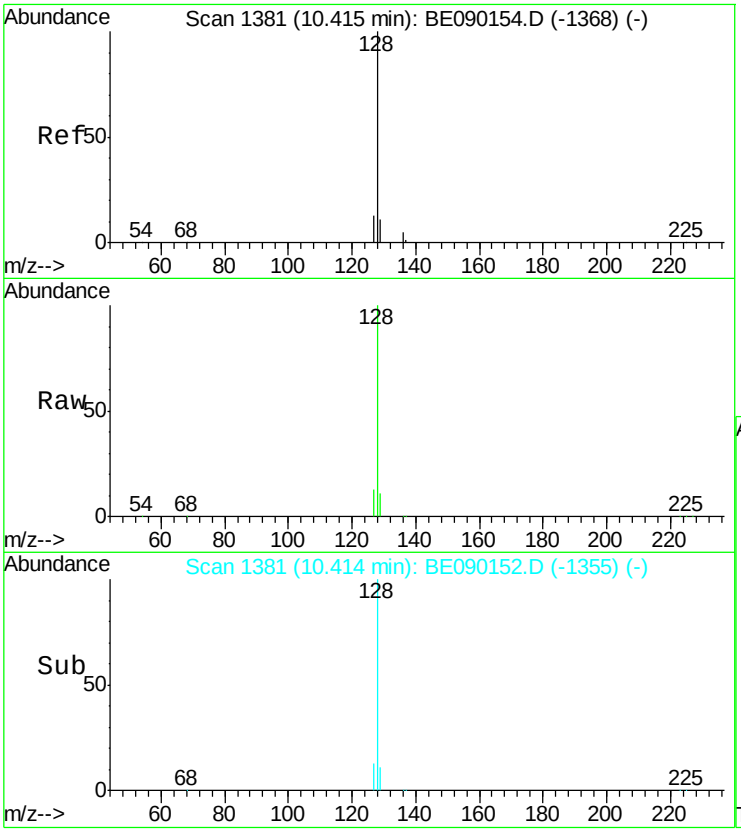


#8
Nitrobenzene
Concen: 4.39 ng
RT: 8.79 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Tgt Ion: 77 Resp: 20043

Ion	Ratio	Lower	Upper
77	100		
123	43.4	32.3	48.5
65	13.9	10.4	15.6



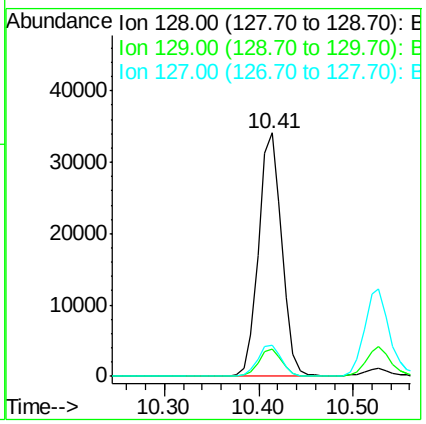


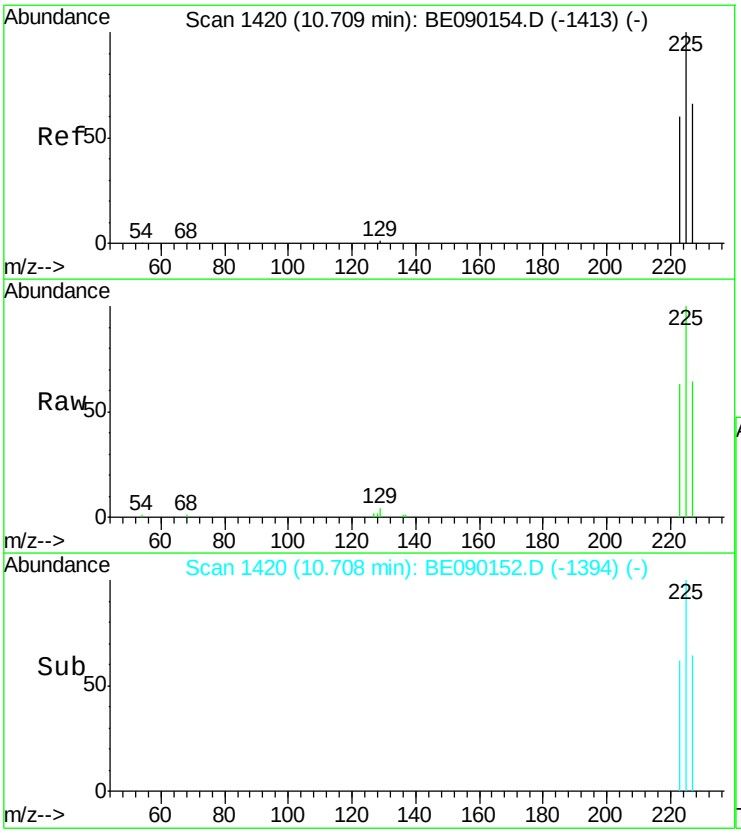
#9
Naphthalene
Concen: 4.34 ng
RT: 10.41 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 58236

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.8	14.6
127	12.9	10.7	16.1

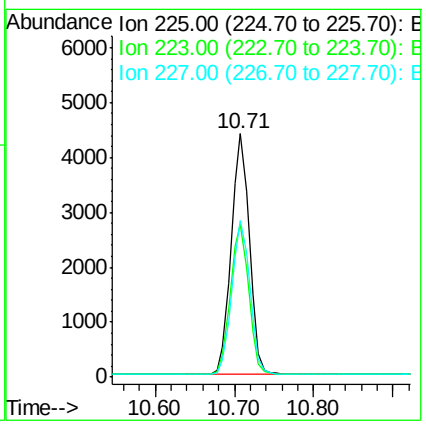


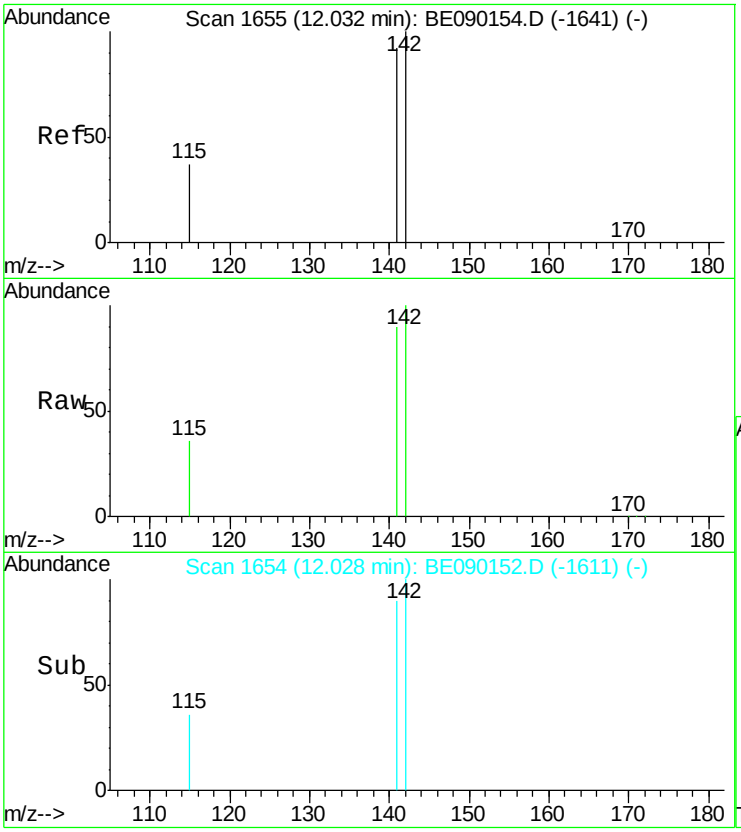


#10
Hexachlorobutadiene
Concen: 3.21 ng
RT: 10.71 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Tgt Ion:225 Resp: 7012

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.3	75.5
227	63.8	51.3	76.9



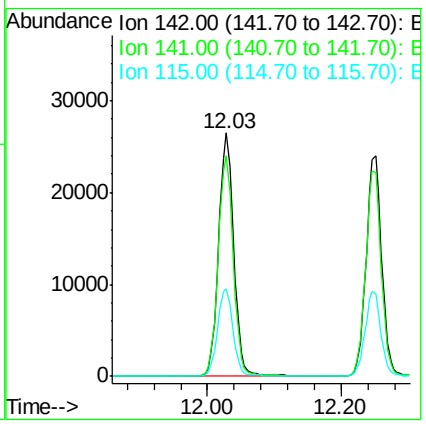


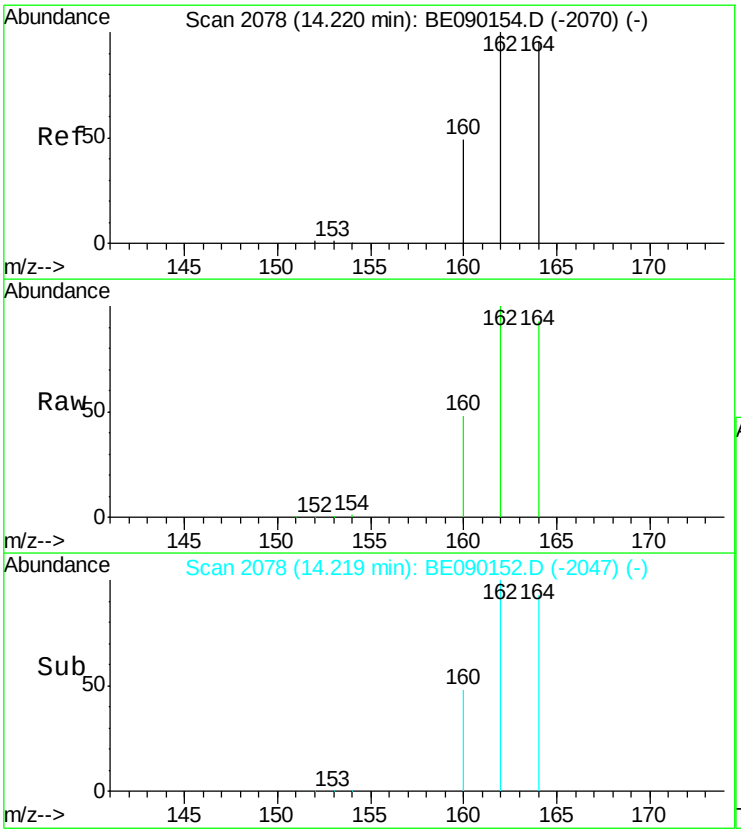
#11
2-Methylnaphthalene
Concen: 4.74 ng
RT: 12.03 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 41000

Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.9	110.9
115	36.0	30.0	45.0

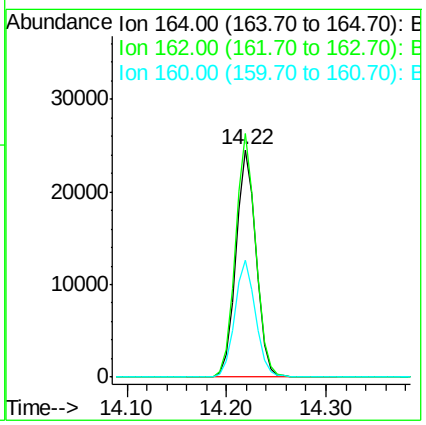


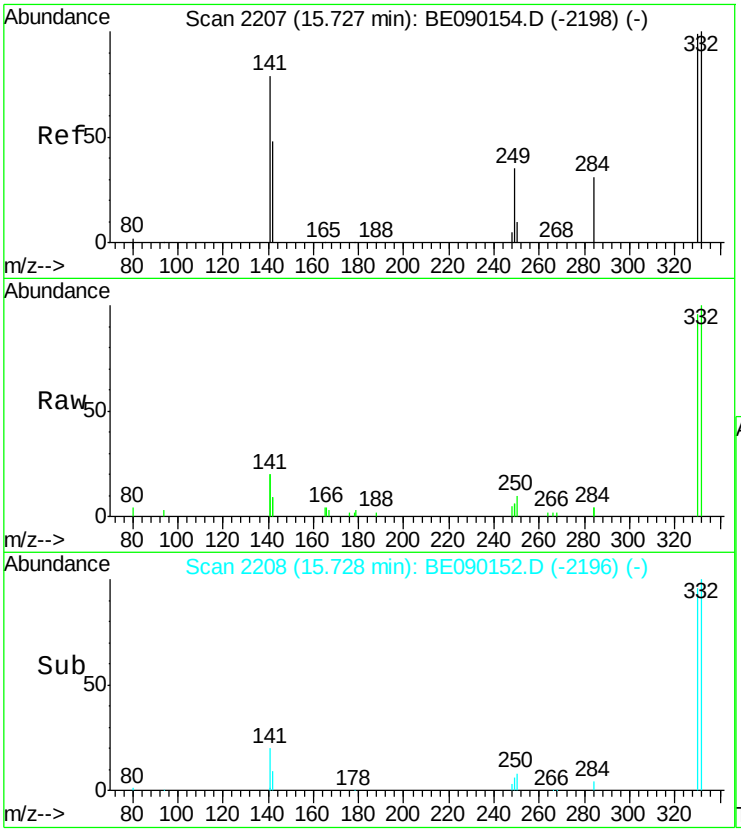


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Tgt Ion:164 Resp: 34606

Ion	Ratio	Lower	Upper
164	100		
162	107.2	83.3	124.9
160	51.3	40.9	61.3



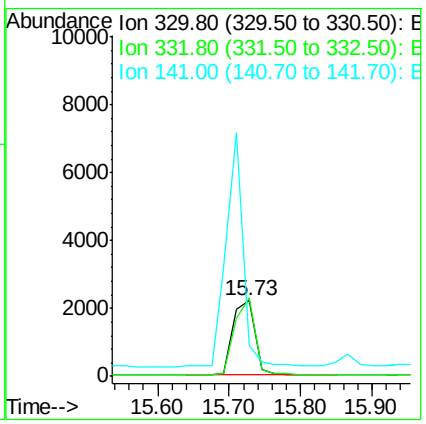


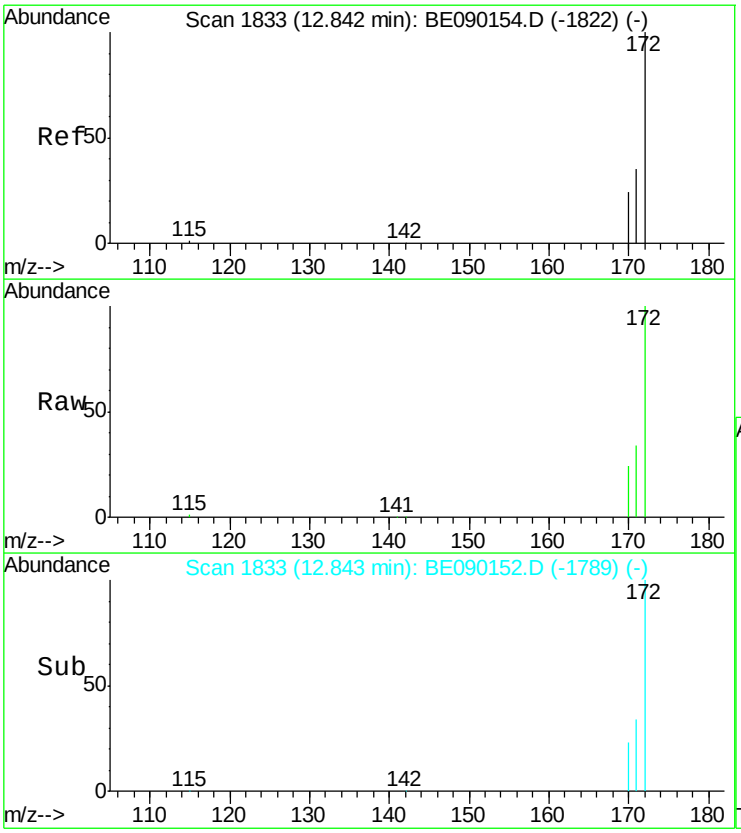
#13
2,4,6-Tribromophenol
Concen: 7.26 ng
RT: 15.73 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 4617

Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.2	117.2
141	243.4	215.8	323.6

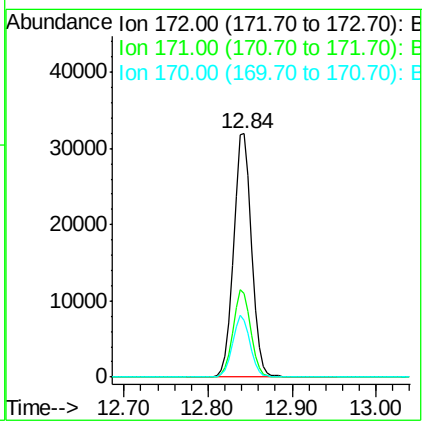


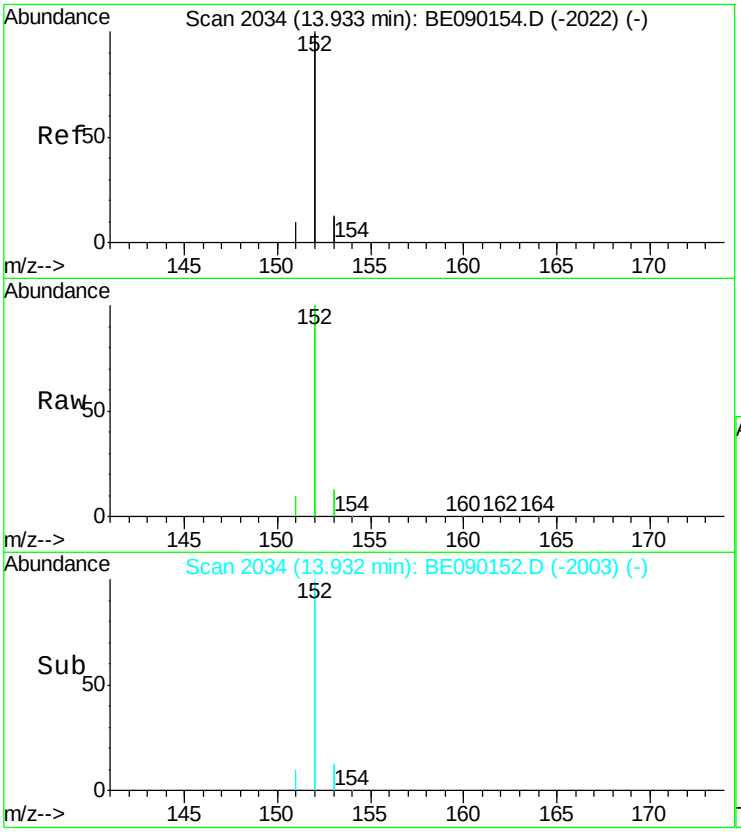


#14
2-Fluorobiphenyl
Concen: 4.42 ng
RT: 12.84 min Scan# 1833
Delta R.T. 0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Tgt Ion:172 Resp: 46798

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.5	42.7
170	23.5	19.7	29.5



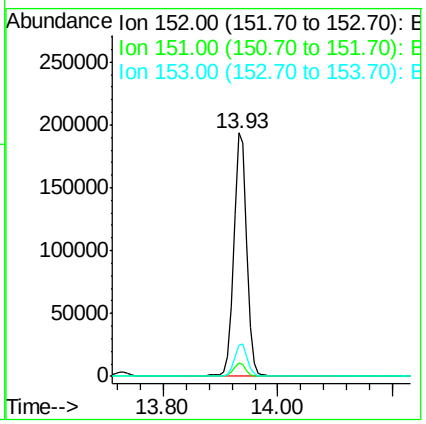


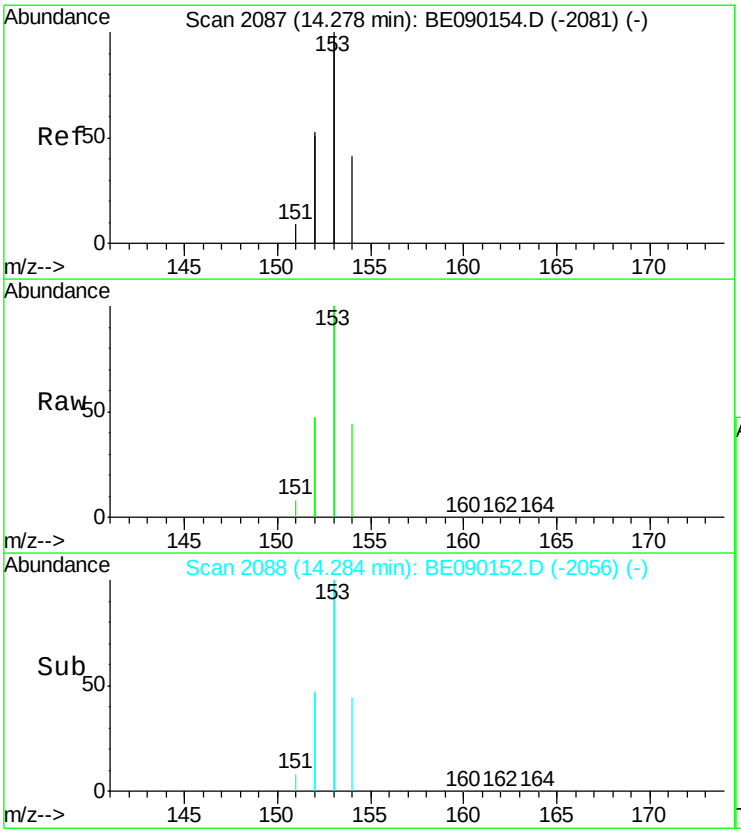
#15
Acenaphthylene
Concen: 4.74 ng
RT: 13.93 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 292604

Ion	Ratio	Lower	Upper
152	100		
151	5.0	4.0	6.0
153	13.2	10.4	15.6

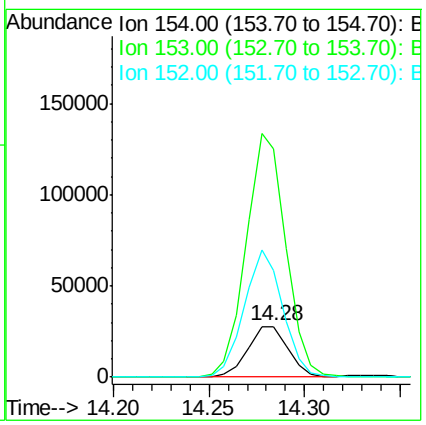


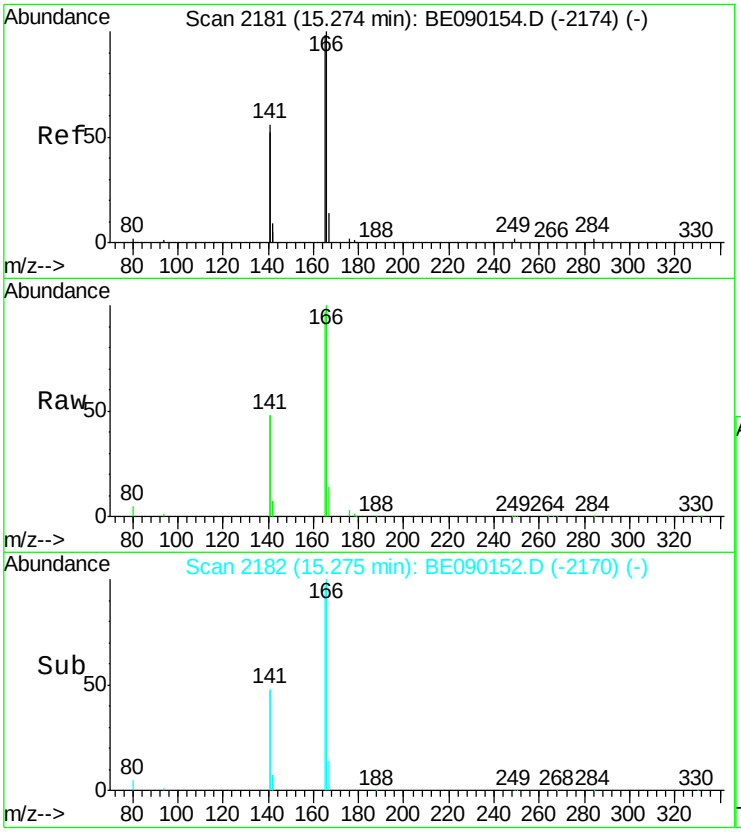


#16
Acenaphthene
Concen: 4.62 ng
RT: 14.28 min Scan# 2088
Delta R.T. 0.01 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Tgt Ion:154 Resp: 41067

Ion	Ratio	Lower	Upper
154	100		
153	469.0	376.9	565.3
152	239.3	199.0	298.6



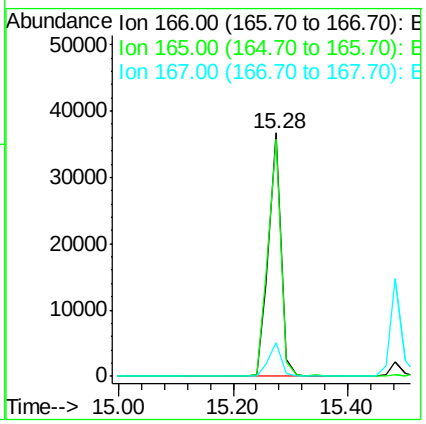


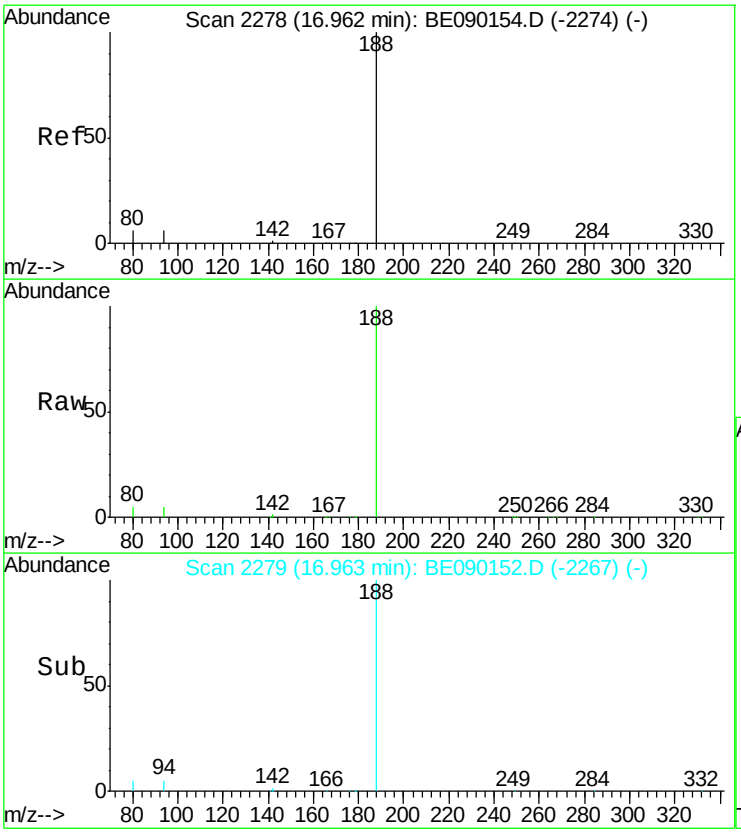
#17
Fluorene
Concen: 4.77 ng
RT: 15.28 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:166 Resp: 55680

Ion	Ratio	Lower	Upper
166	100		
165	100.5	81.5	122.3
167	13.7	11.9	17.9

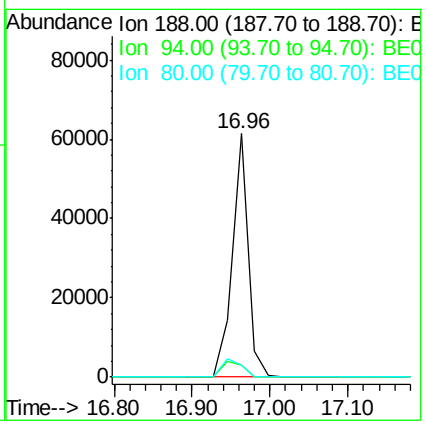


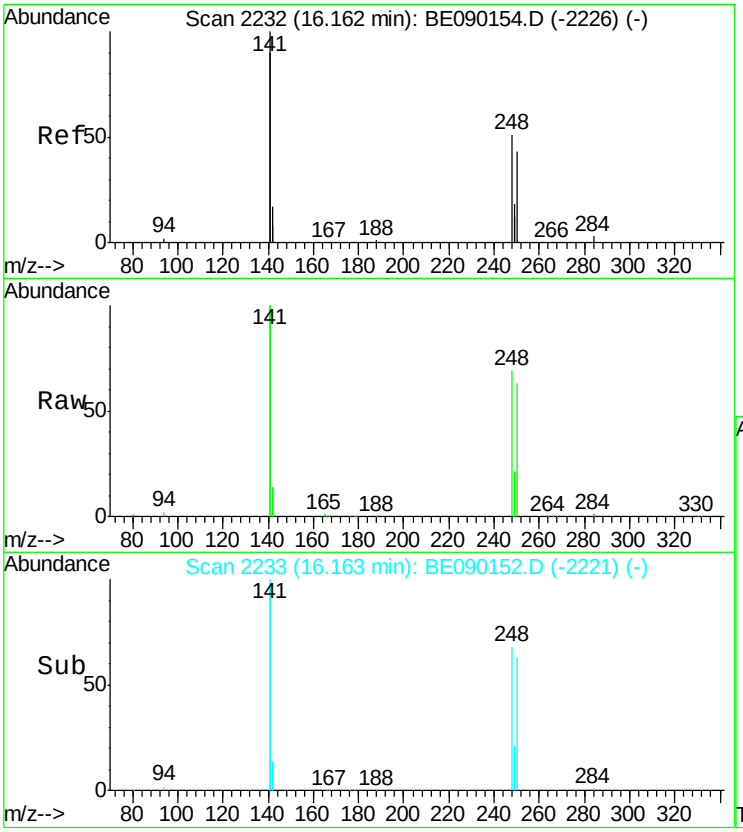


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.96 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Tgt Ion:188 Resp: 87052

Ion	Ratio	Lower	Upper
188	100		
94	5.0	4.6	7.0
80	5.0	4.6	6.8



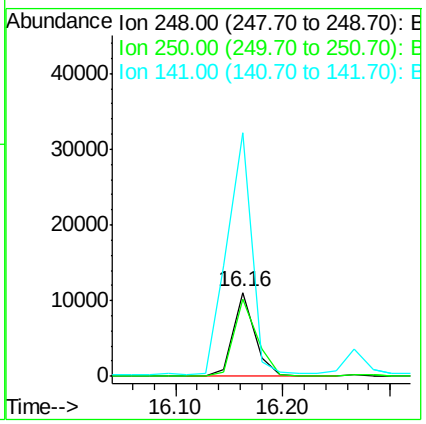


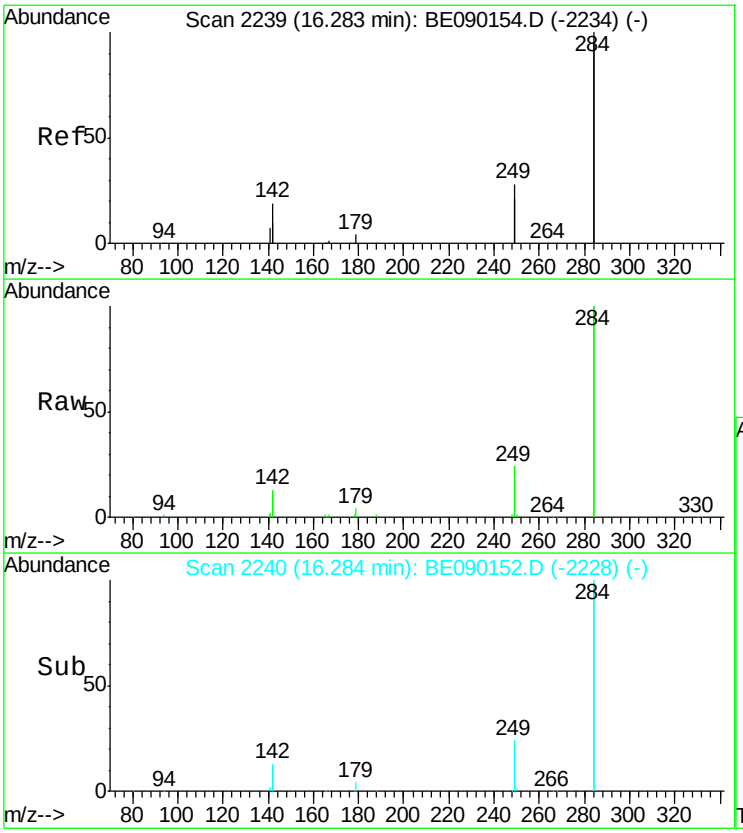
#19
4-Bromophenyl-phenylether
Concen: 4.13 ng
RT: 16.16 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 15119

Ion	Ratio	Lower	Upper
248	100		
250	99.5	77.4	116.0
141	334.5	281.3	421.9

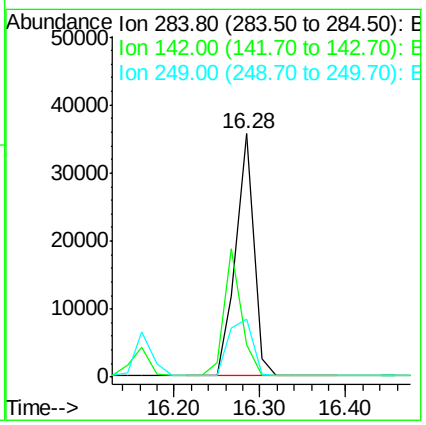


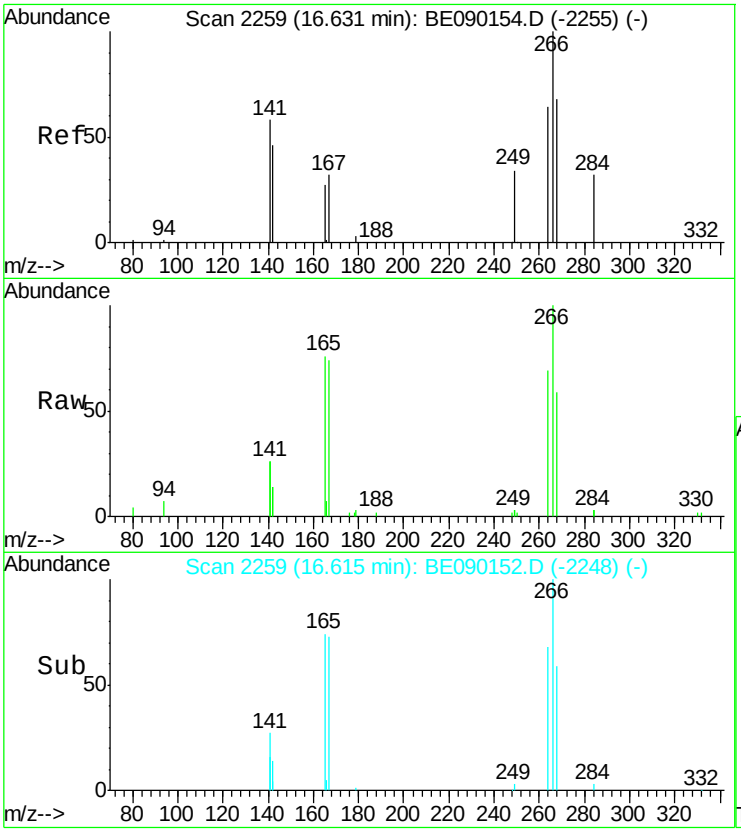


#20
Hexachlorobenzene
Concen: 3.38 ng
RT: 16.28 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Tgt Ion:284 Resp: 52344

Ion	Ratio	Lower	Upper
284	100		
142	50.0	42.2	63.2
249	31.8	25.5	38.3



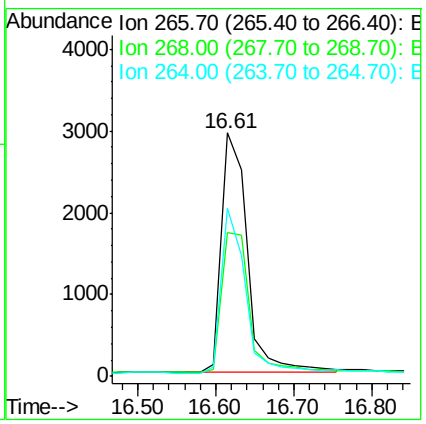


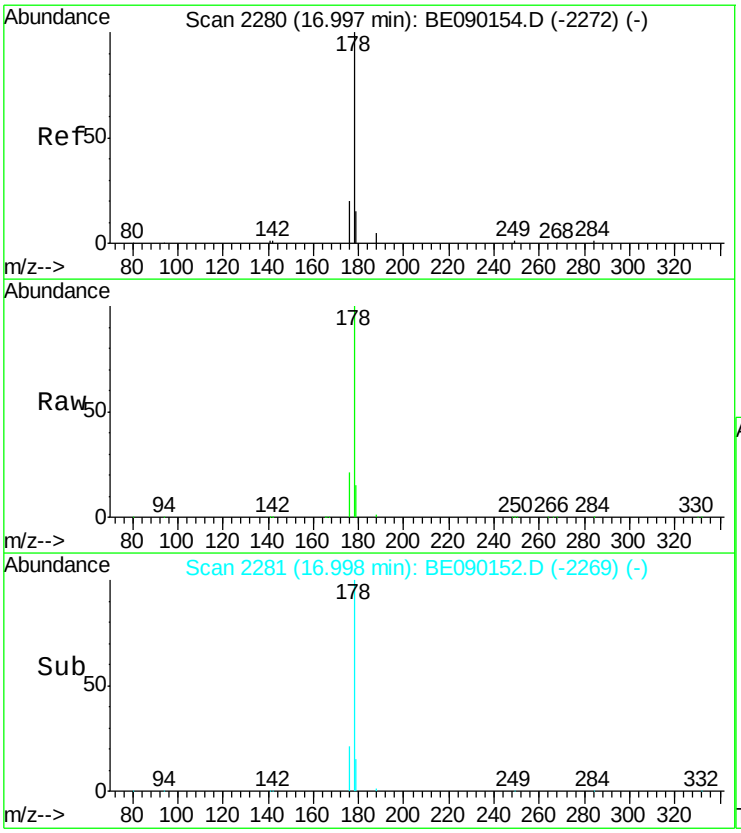
#21
Pentachlorophenol
Concen: 9.15 ng
RT: 16.61 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:266 Resp: 6725

Ion	Ratio	Lower	Upper
266	100		
268	59.2	58.2	87.4
264	68.9	55.0	82.4

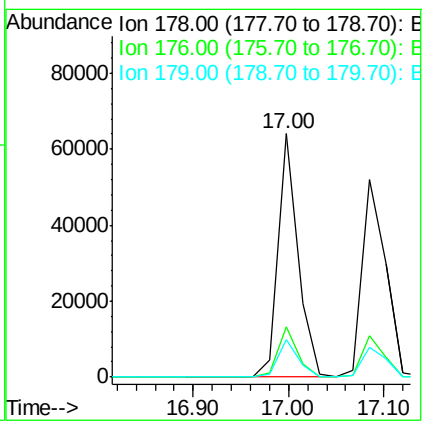


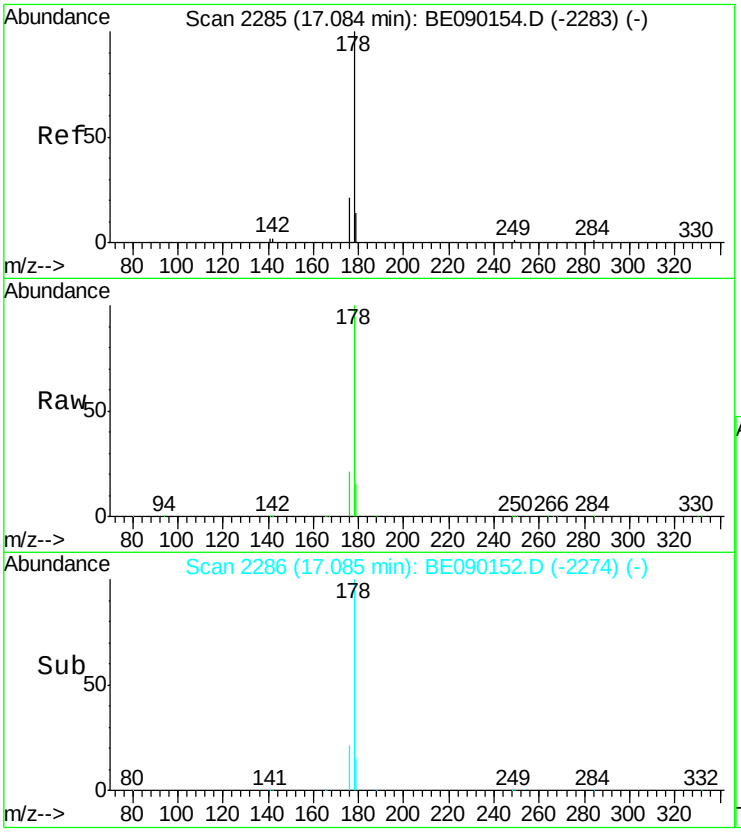


#22
Phenanthrene
Concen: 4.28 ng
RT: 17.00 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Tgt Ion:178 Resp: 92428

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.4	12.5	18.7



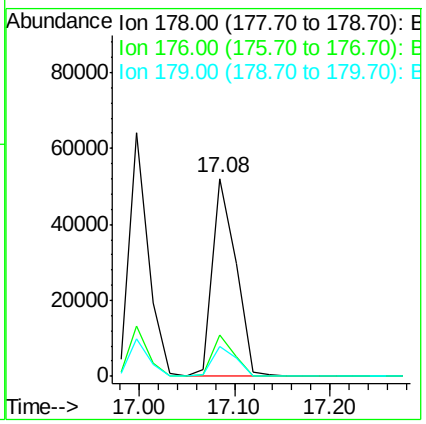


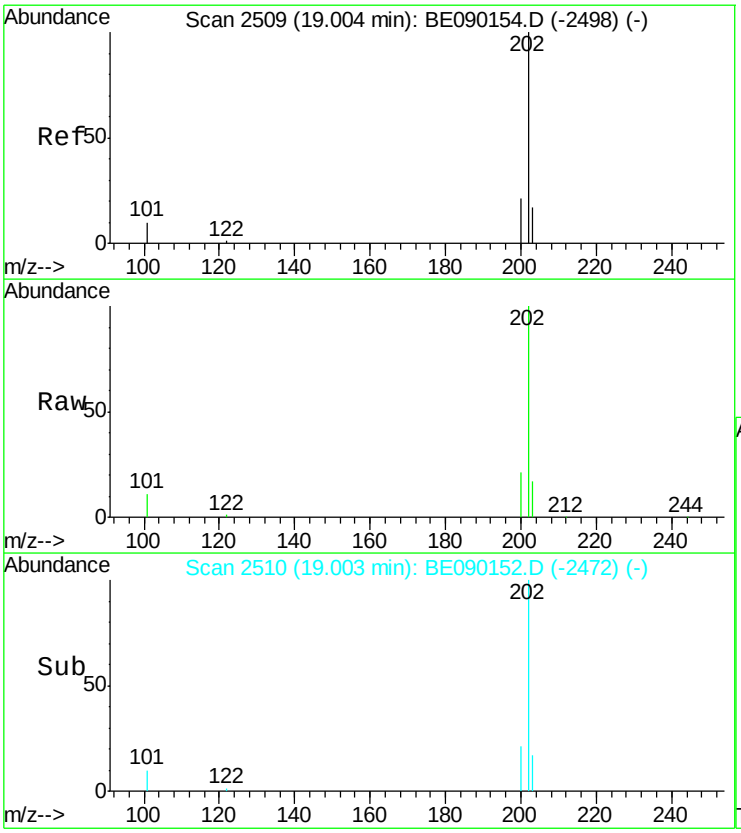
#23
Anthracene
Concen: 4.63 ng
RT: 17.08 min Scan# 2286
Delta R.T. 0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 89145

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.3	12.2	18.2

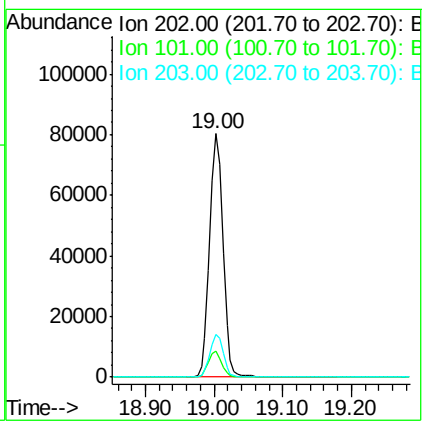


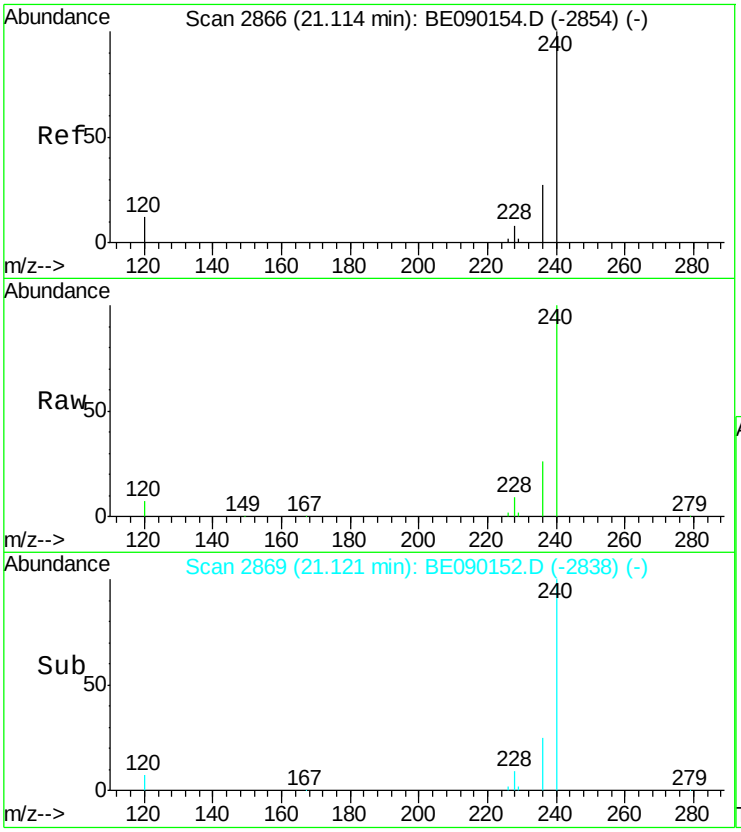


#24
Fluoranthene
Concen: 4.94 ng
RT: 19.00 min Scan# 2510
Delta R.T. -0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Tgt Ion:202 Resp: 107075

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.5	12.7
203	17.5	13.9	20.9



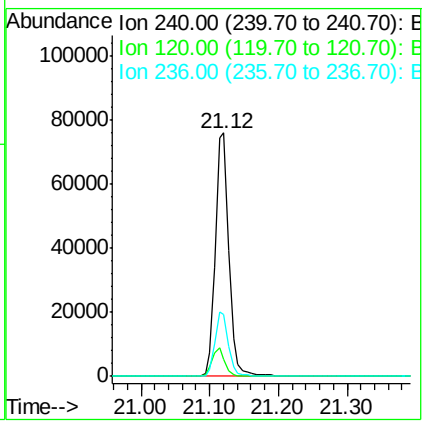


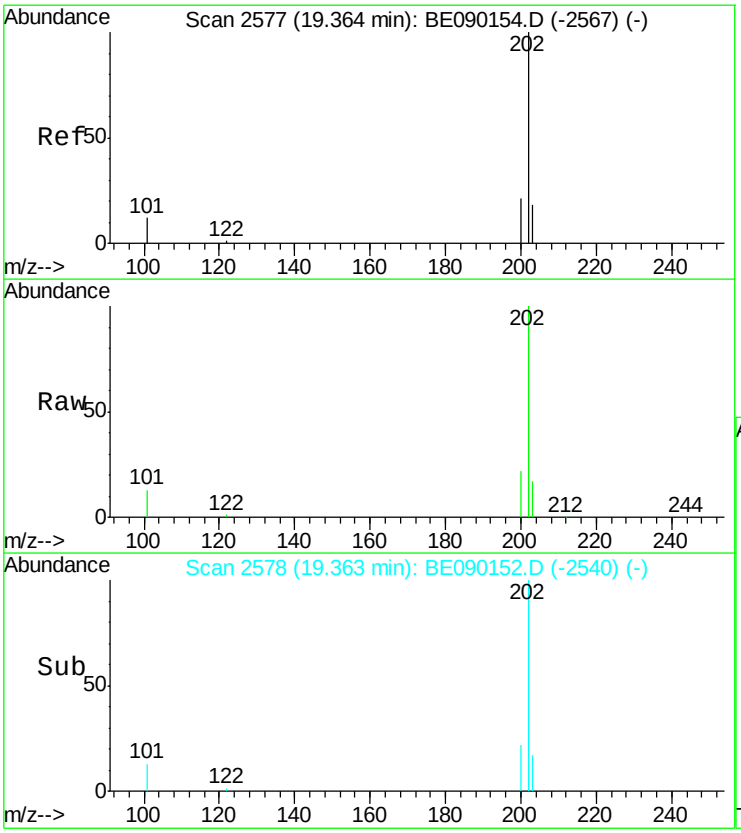
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.12 min Scan# 2869
Delta R.T. 0.01 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 103516

Ion	Ratio	Lower	Upper
240	100		
120	7.2	9.4	14.0#
236	25.5	21.8	32.8

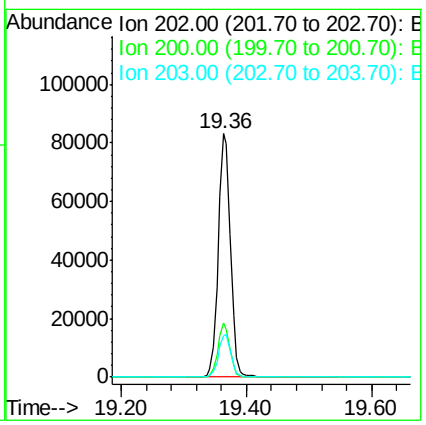


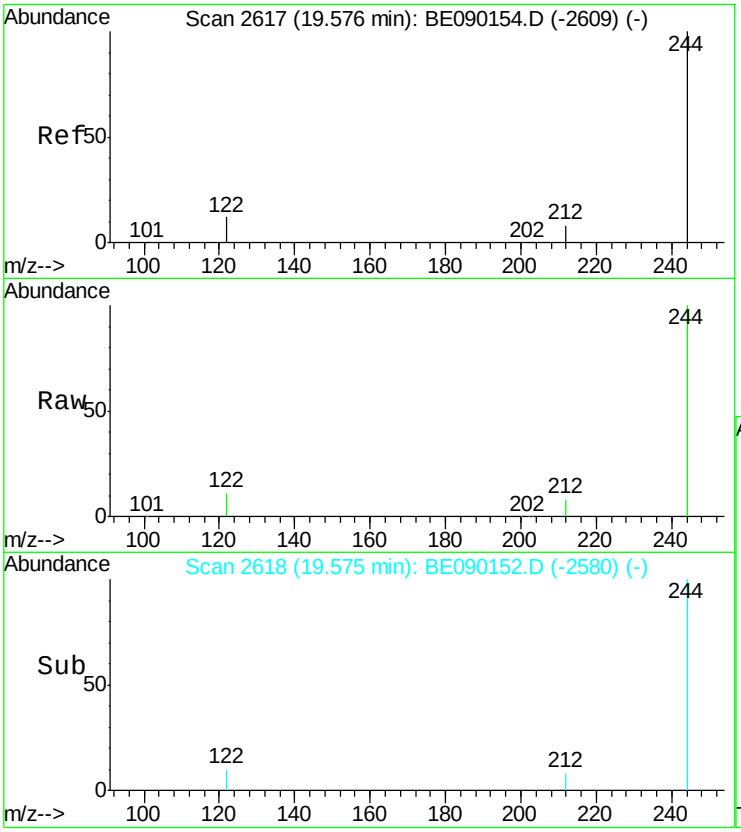


#26
Pyrene
Concen: 4.09 ng
RT: 19.36 min Scan# 2578
Delta R.T. -0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Tgt Ion:202 Resp: 111900

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.6
203	17.6	14.1	21.1



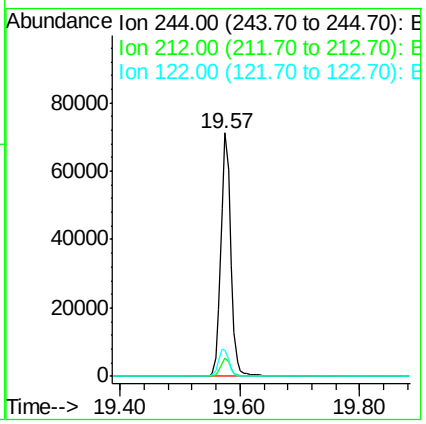


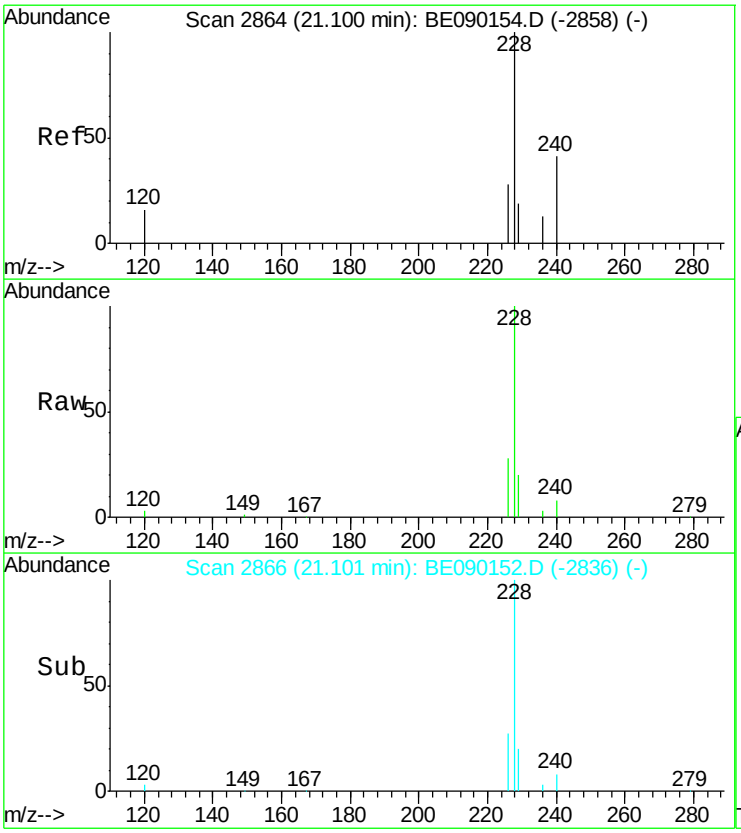
#27
Terphenyl-d14
Concen: 4.83 ng
RT: 19.57 min Scan# 2618
Delta R.T. -0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 83529

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	10.9	9.8	14.6

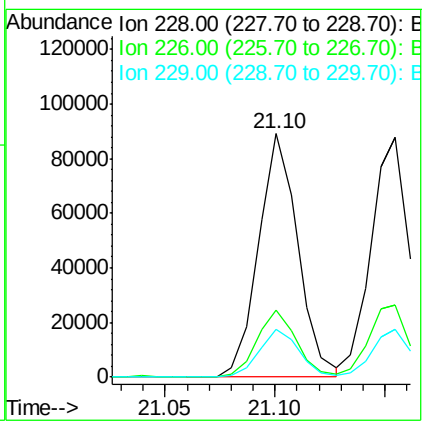


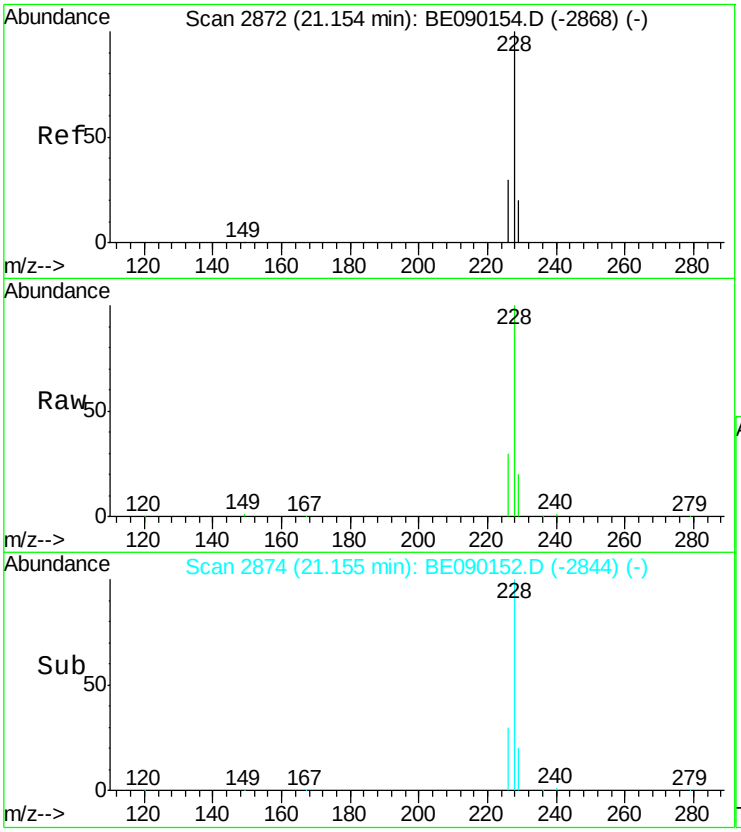


#28
Benzo(a)anthracene
Concen: 5.99 ng
RT: 21.10 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Tgt Ion:228 Resp: 110383

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.4
229	19.7	15.7	23.5



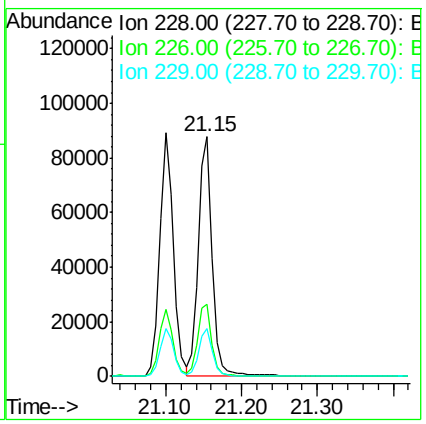


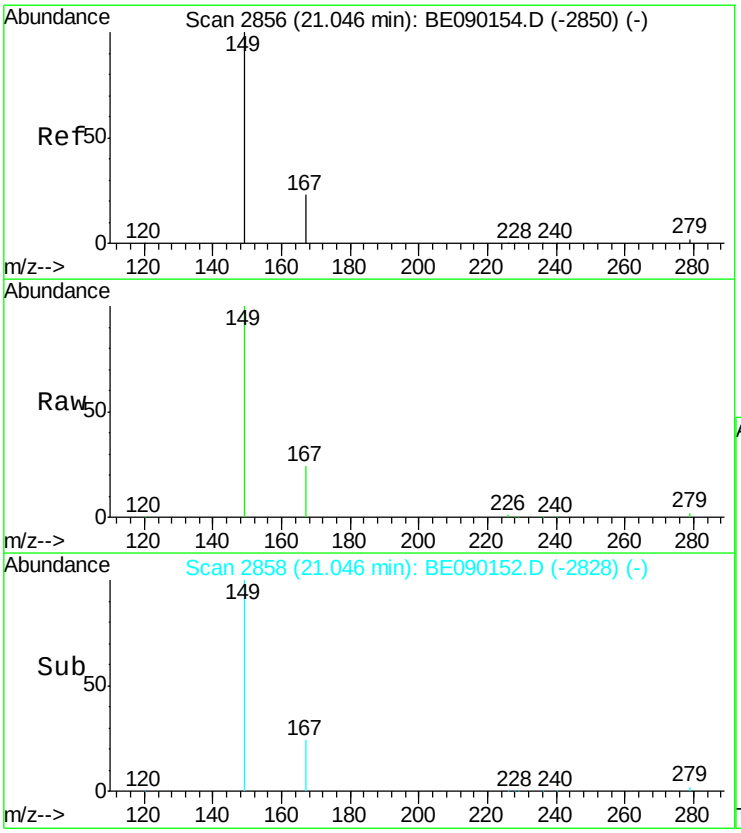
#29
Chrysene
Concen: 3.66 ng
RT: 21.15 min Scan# 2874
Delta R.T. 0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 111099

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.8
229	20.1	16.5	24.7

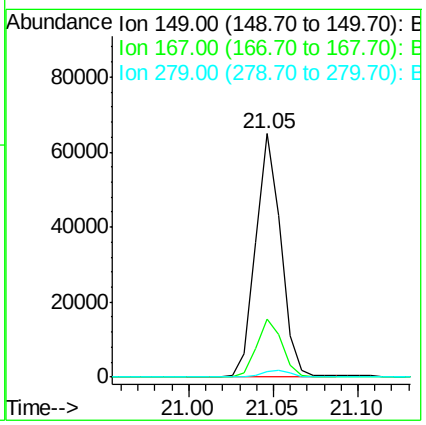


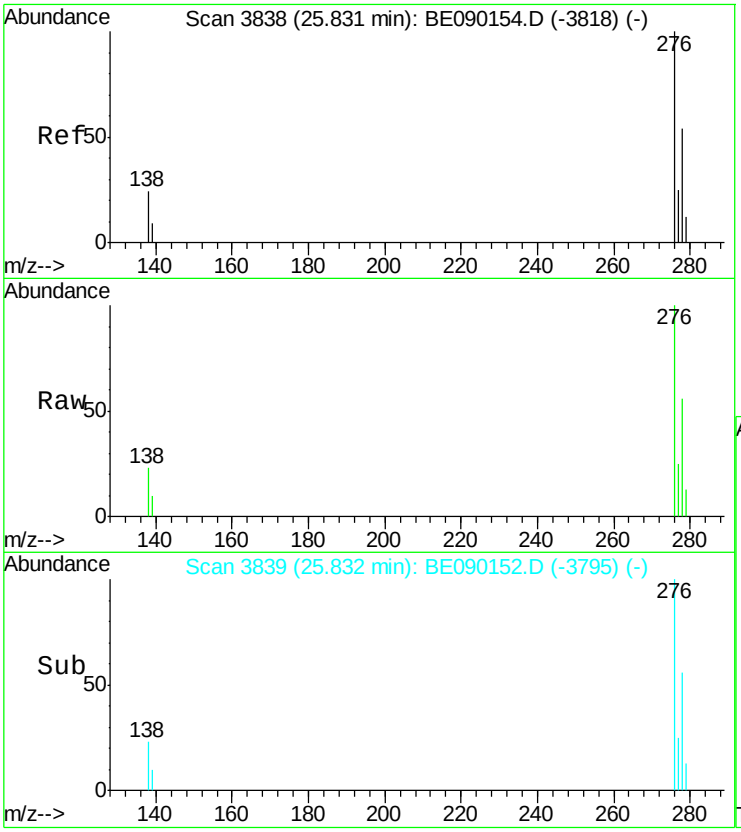


#30
Bis(2-ethylhexyl)phthalate
Concen: 13.33 ng
RT: 21.05 min Scan# 2858
Delta R.T. 0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Tgt Ion:149 Resp: 66854

Ion	Ratio	Lower	Upper
149	100		
167	24.0	18.6	28.0
279	3.0	2.2	3.4



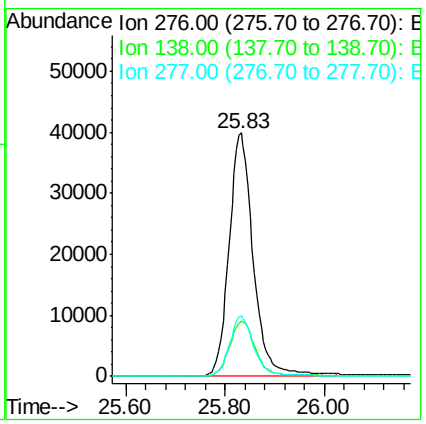


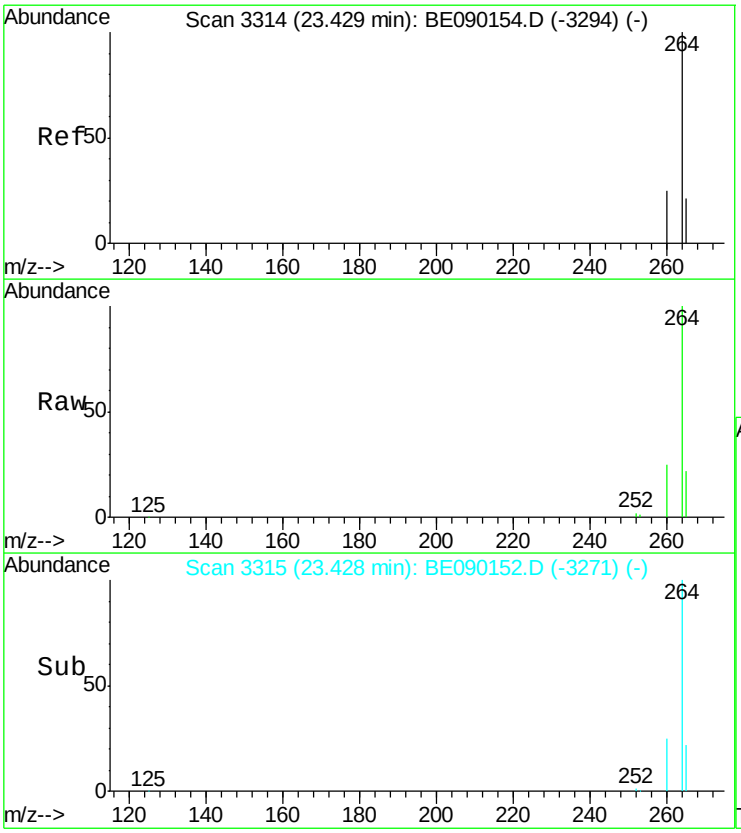
#31
Indeno(1,2,3-cd)pyrene
Concen: 14.92 ng
RT: 25.83 min Scan# 3839
Delta R.T. 0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 135227

Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.5	29.3
277	24.9	19.8	29.6

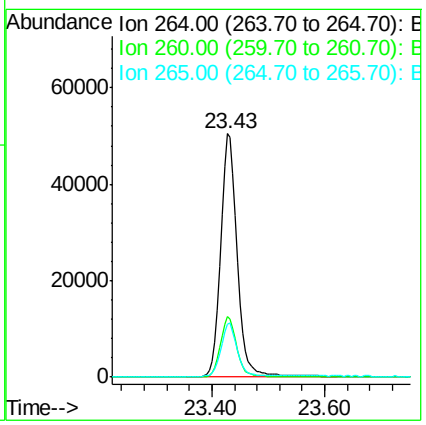


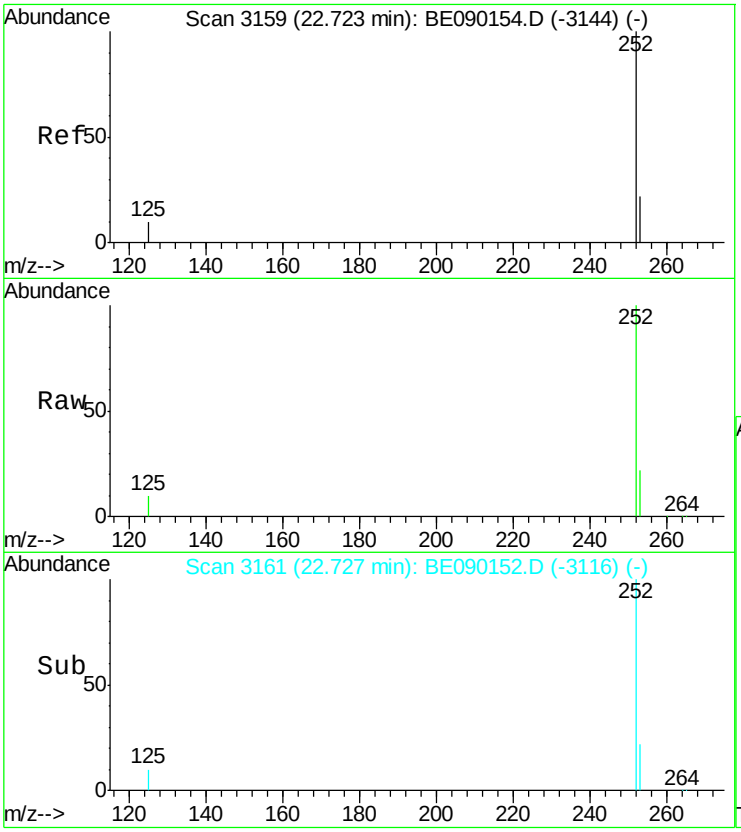


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.43 min Scan# 3315
Delta R.T. -0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Tgt Ion:264 Resp: 102146

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.8
265	21.9	17.4	26.2



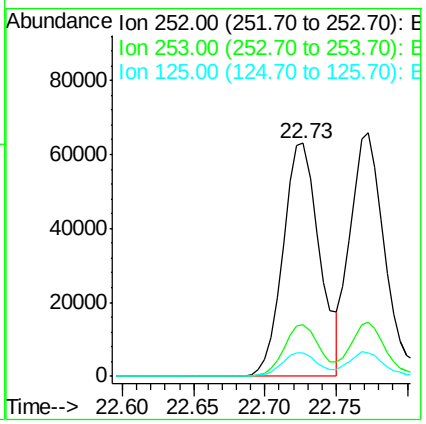


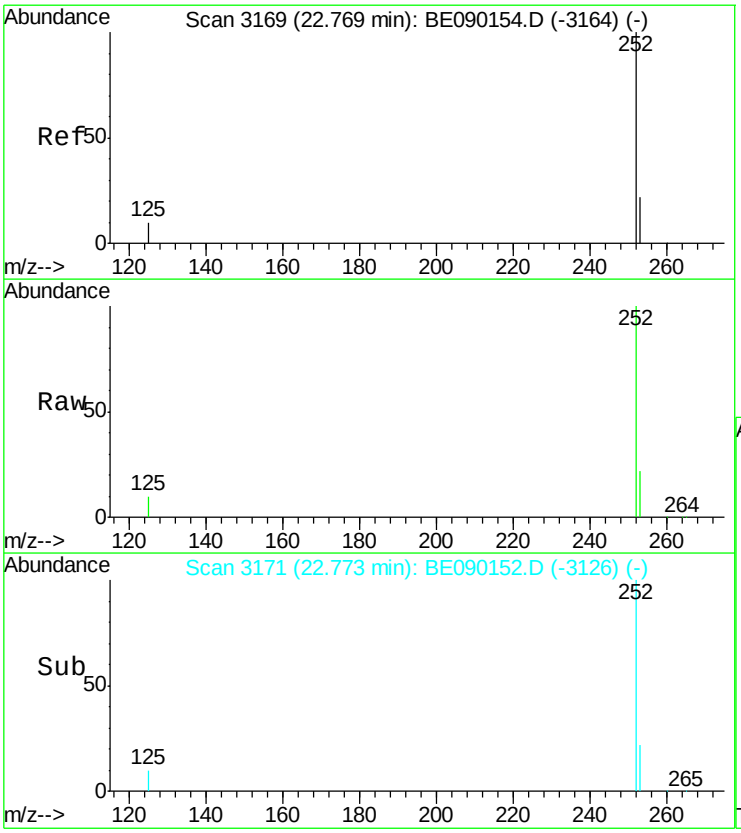
#33
Benzo(b)fluoranthene
Concen: 11.42 ng
RT: 22.73 min Scan# 3161
Delta R.T. 0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 110485

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

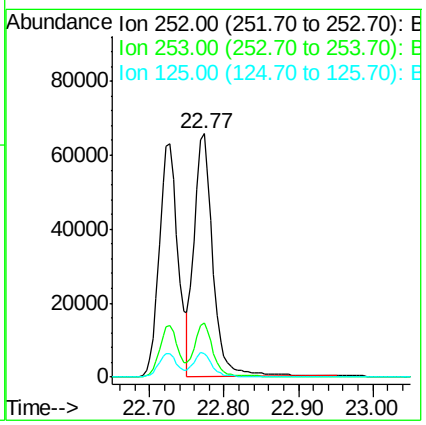


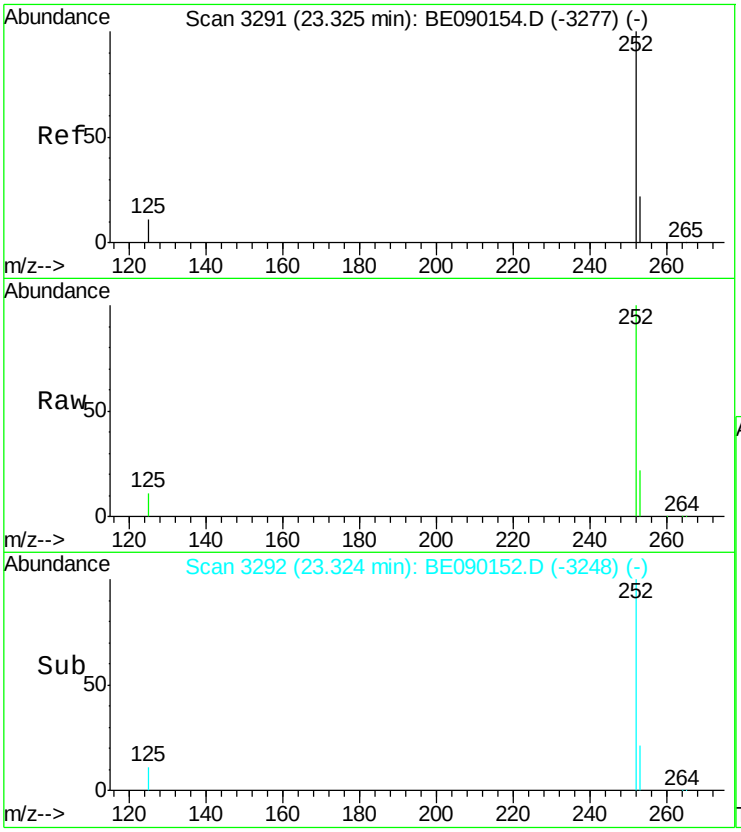


#34
Benzo(k)fluoranthene
Concen: 5.32 ng
RT: 22.77 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Tgt Ion:252 Resp: 115107

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	9.8	8.7	13.1



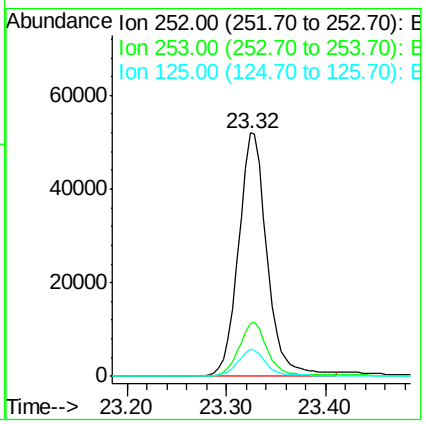


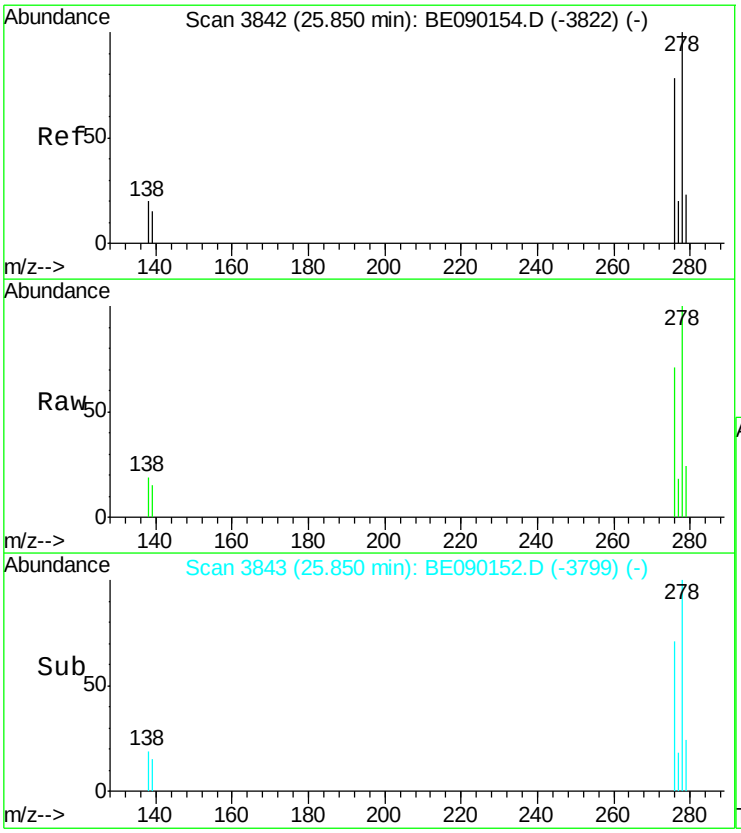
#35
Benzo(a)pyrene
Concen: 8.47 ng
RT: 23.32 min Scan# 3292
Delta R.T. -0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 103683

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	11.1	9.4	14.0

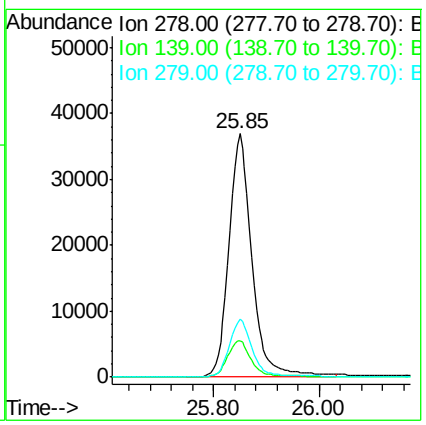


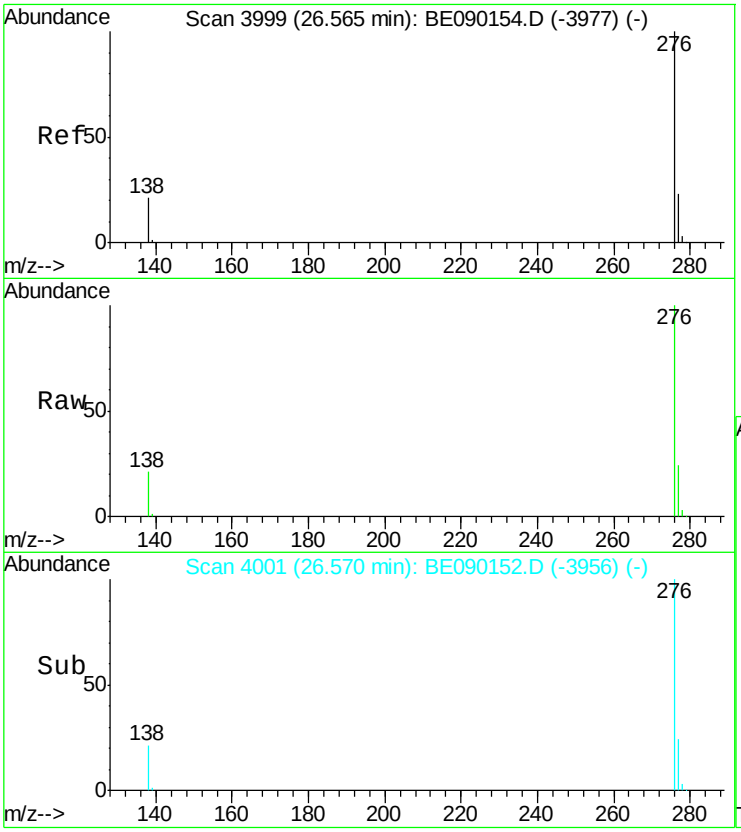


#36
Dibenzo(a,h)anthracene
Concen: 14.43 ng
RT: 25.85 min Scan# 3843
Delta R.T. 0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Tgt Ion:278 Resp: 111367

Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.9	19.3
279	24.0	19.3	28.9





#37
Benzo(g,h,i)perylene
Concen: 8.48 ng
RT: 26.57 min Scan# 4001
Delta R.T. 0.00 min
Lab File: BE090152.D
Acq: 17 Jul 2015 19:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 109341

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.6
138	20.7	17.2	25.8