Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071715\
Data File : BE090158.D
Acq On : 17 Jul 2015 22:48
Operator : TP/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Jul 18 00:04:03 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	10031	5.00	ng		0.00
6) Naphthalene-d8	10.36	136	46664	5.00	ng		0.00
12) Acenaphthene-d10	14.22	164	26429	5.00	ng		0.00
18) Phenanthrene-d10	16.96	188	67013	5.00	ng		0.00
25) Chrysene-d12	21.11	240	72777	5.00	ng		0.00
32) Perylene-d12	23.43	264	74824	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	270	0.12	ng		0.00
5) Phenol-d6	6.80	99	303	0.10	ng		0.00
7) Nitrobenzene-d5	8.76	82	339	0.10	ng		0.00
13) 2,4,6-Tribromophenol	15.73	330	56	0.12	ng		0.00
14) 2-Fluorobiphenyl	12.85	172	946	0.12	ng		0.00
27) Terphenyl-d14	19.58	244	1448	0.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	174	0.13	ng		90
3) n-Nitrosodimethylamine	3.52	42	204	0.13	ng	#	89
8) Nitrobenzene	8.79	77	308	0.09	ng		99
9) Naphthalene	10.41	128	1264	0.12	ng	#	90
10) Hexachlorobutadiene	10.71	225	156	0.09	ng		98
11) 2-Methylnaphthalene	12.04	142	812	0.12	ng	#	94
15) Acenaphthylene	13.94	152	5777	0.12	ng		100
16) Acenaphthene	14.28	154	818	0.12	ng		96
17) Fluorene	15.27	166	1135	0.13	ng		95
19) 4-Bromophenyl-phenylether	16.16	248	307	0.11	ng		97
20) Hexachlorobenzene	16.28	284	1173	0.10	ng		93
21) Pentachlorophenol	16.63	266	54	0.10	ng	#	73
22) Phenanthrene	17.00	178	1872	0.11	ng		97
23) Anthracene	17.10	178	1587	0.11	ng		99
24) Fluoranthene	19.00	202	1895	0.11	ng		98
26) Pyrene	19.37	202	2030	0.11	ng		100
28) Benzo(a)anthracene	21.10	228	2101	0.16	ng		97
29) Chrysene	21.15	228	2034	0.10	ng		95
30) Bis(2-ethylhexyl)phthalate	21.05	149	877	0.25	ng		99
31) Indeno(1,2,3-cd)pyrene	25.83	276	2185	0.34	ng		100
33) Benzo(b)fluoranthene	22.73	252	1733	0.24	ng	#	89
34) Benzo(k)fluoranthene	22.77	252	2000	0.13	ng	#	88
35) Benzo(a)pyrene	23.32	252	1709	0.19	ng	#	86
36) Dibenzo(a,h)anthracene	25.85	278	1714	0.30	ng	#	81
37) Benzo(g,h,i)perylene	26.56	276	1936	0.21	ng	#	88

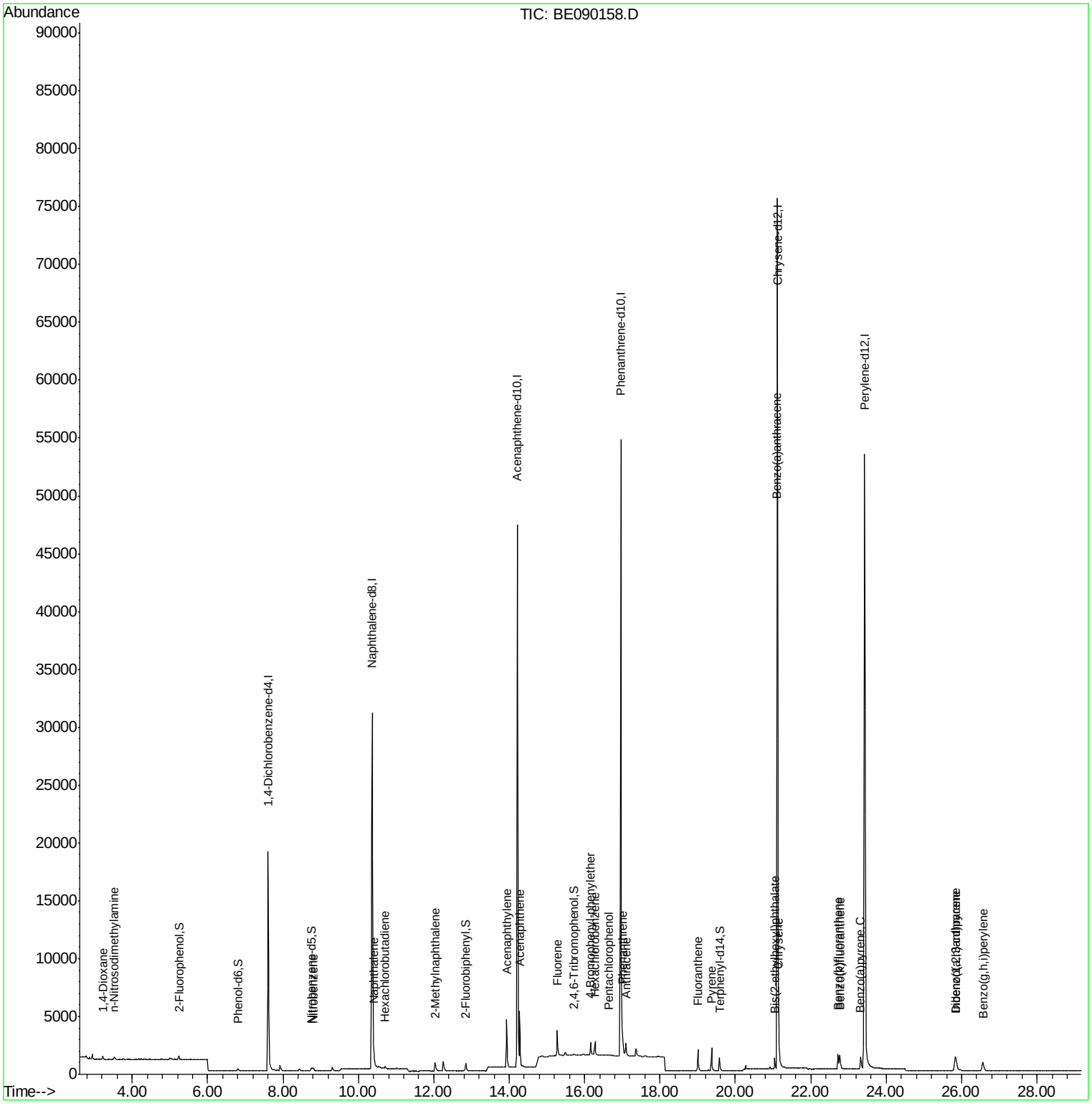
(#) = qualifier out of range (m) = manual integration (+) = signals summed

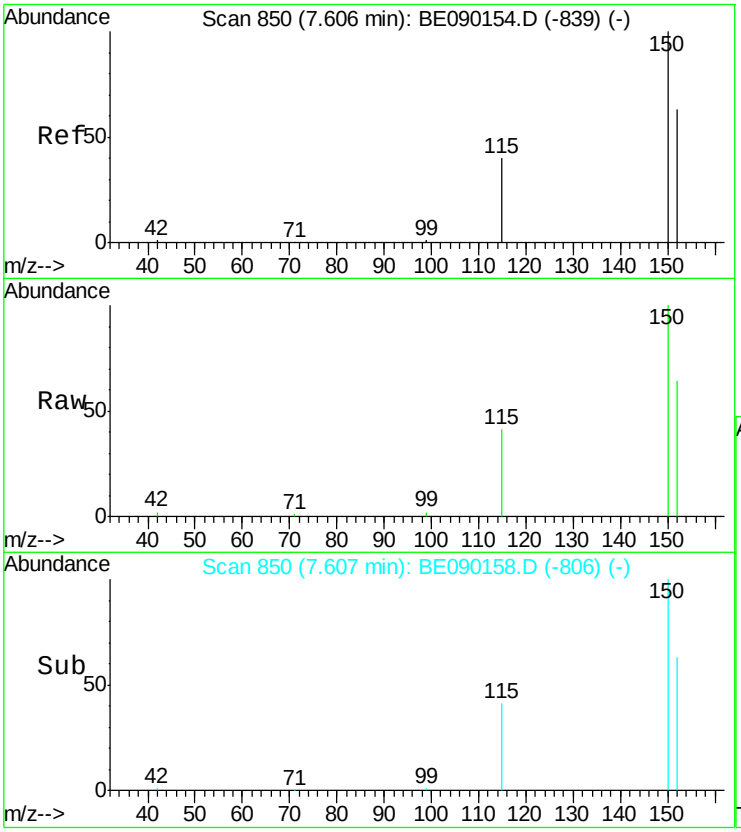
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071715\
Data File : BE090158.D
Acq On : 17 Jul 2015 22:48
Operator : TP/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Jul 18 00:04:03 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



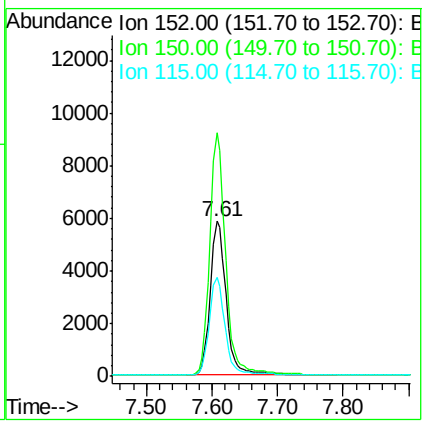


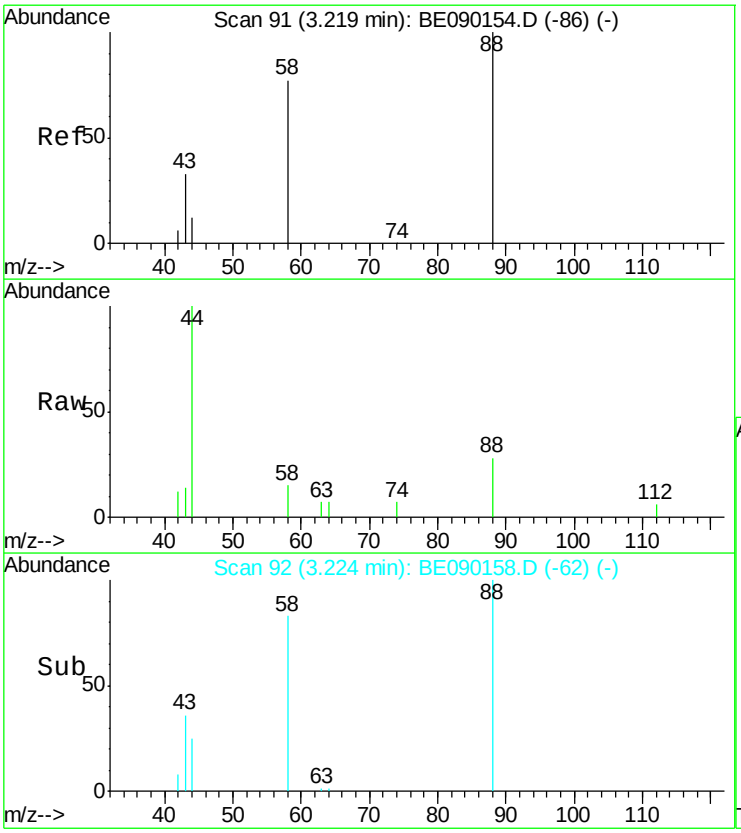
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 850
Delta R.T. 0.00 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 10031

Ion	Ratio	Lower	Upper
152	100		
150	157.3	127.2	190.8
115	64.4	51.6	77.4

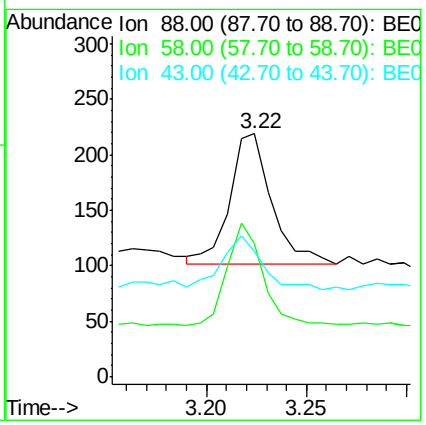


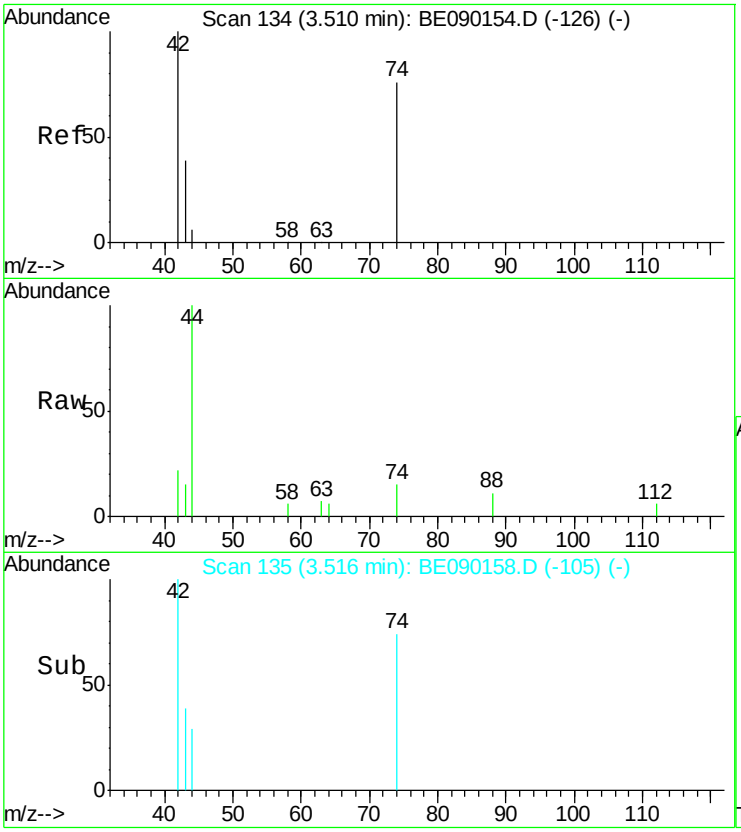


#2
1,4-Dioxane
Concen: 0.13 ng
RT: 3.22 min Scan# 92
Delta R.T. 0.01 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Tgt Ion: 88 Resp: 174

Ion	Ratio	Lower	Upper
88	100		
58	63.2	58.2	87.2
43	38.5	27.7	41.5



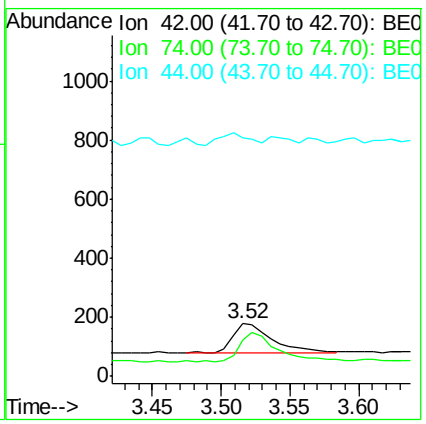


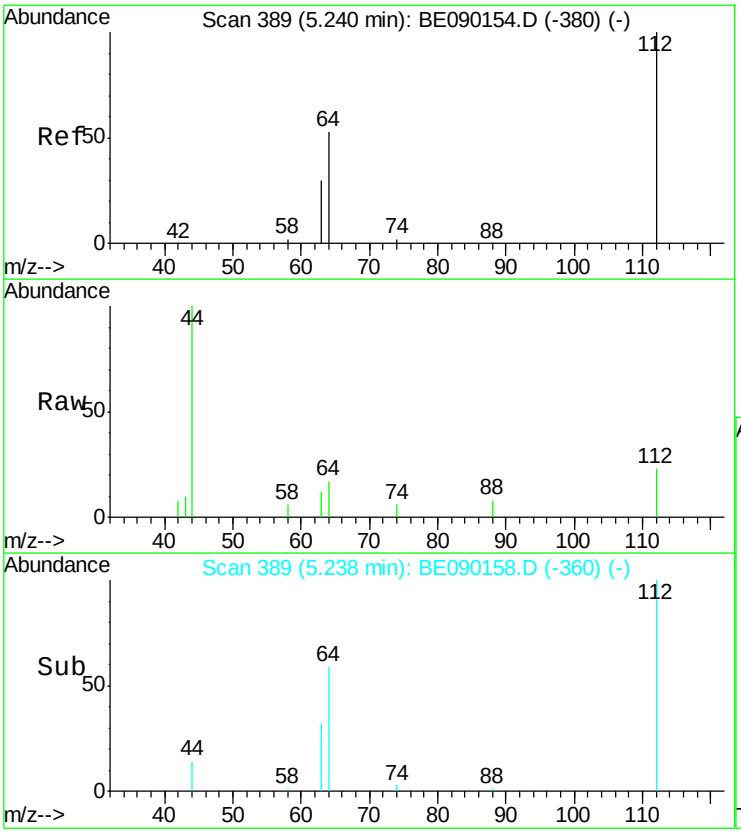
#3
n-Nitrosodimethylamine
Concen: 0.13 ng
RT: 3.52 min Scan# 135
Delta R.T. 0.01 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 204

Ion	Ratio	Lower	Upper
42	100		
74	95.6	82.2	123.4
44	29.4	7.5	11.3#

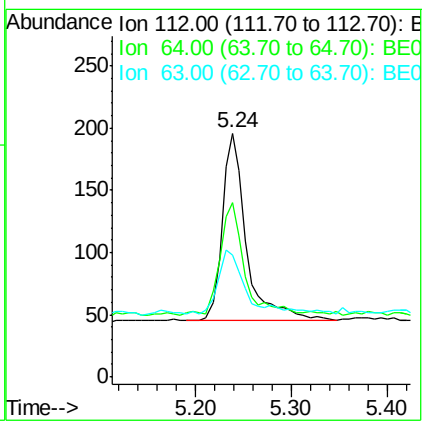


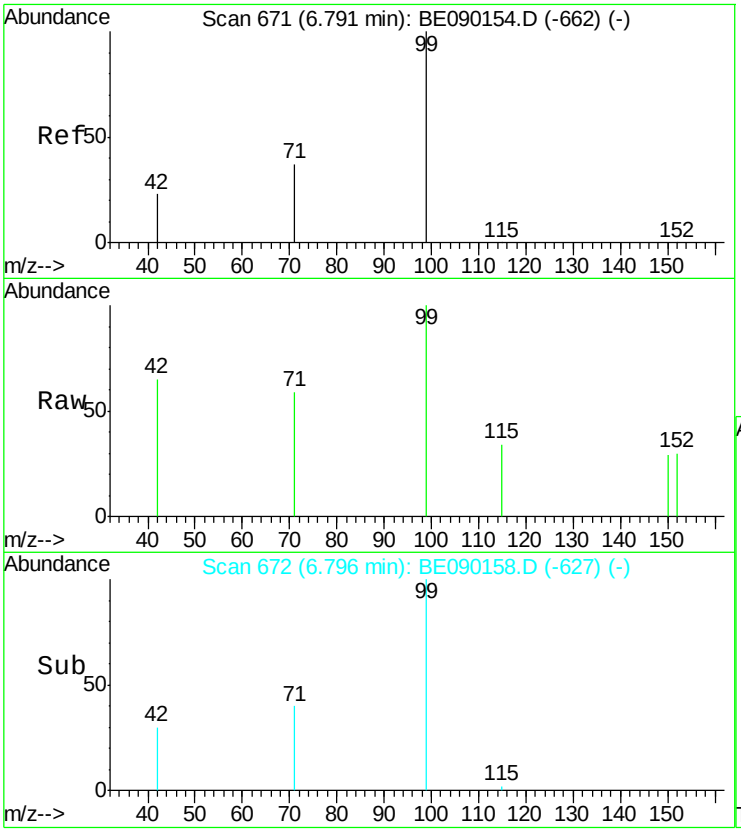


#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.24 min Scan# 389
Delta R.T. -0.00 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Tgt Ion:112 Resp: 270

Ion	Ratio	Lower	Upper
112	100		
64	59.3	46.7	70.1
63	38.1	27.3	40.9



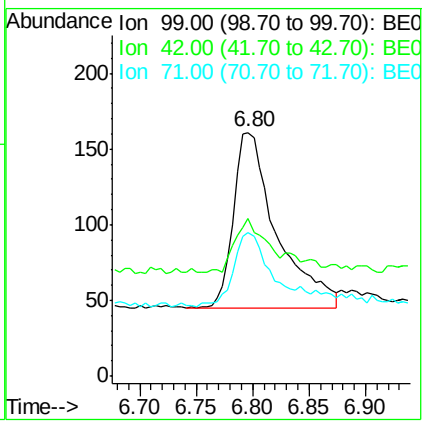


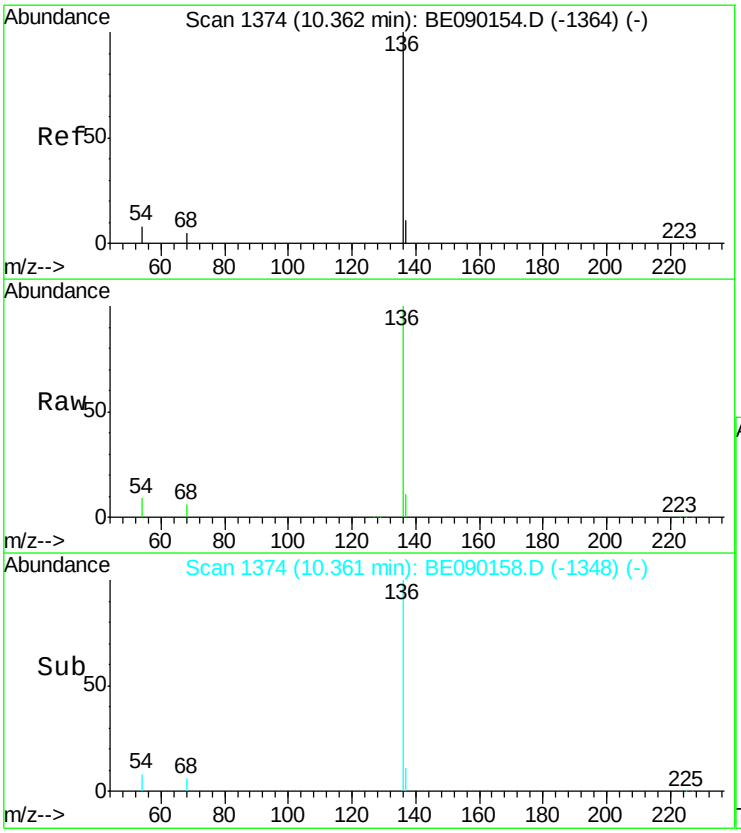
#5
Phenol-d6
Concen: 0.10 ng
RT: 6.80 min Scan# 672
Delta R.T. 0.01 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 303

Ion	Ratio	Lower	Upper
99	100		
42	20.5	19.1	28.7
71	37.6	29.4	44.2

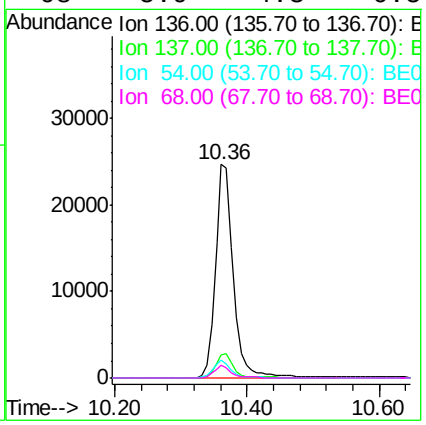


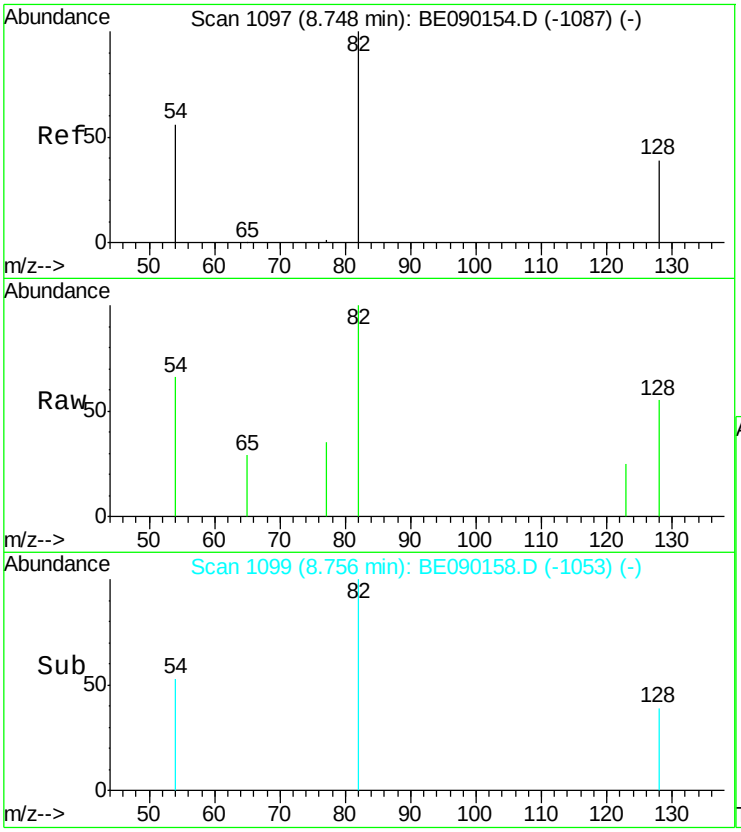


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.36 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Tgt Ion:136 Resp: 46664

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.6	6.3	9.5
68	5.9	4.3	6.5



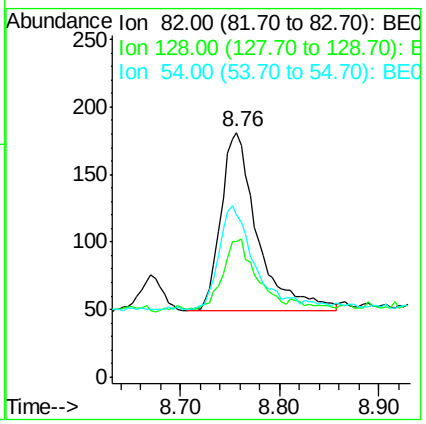


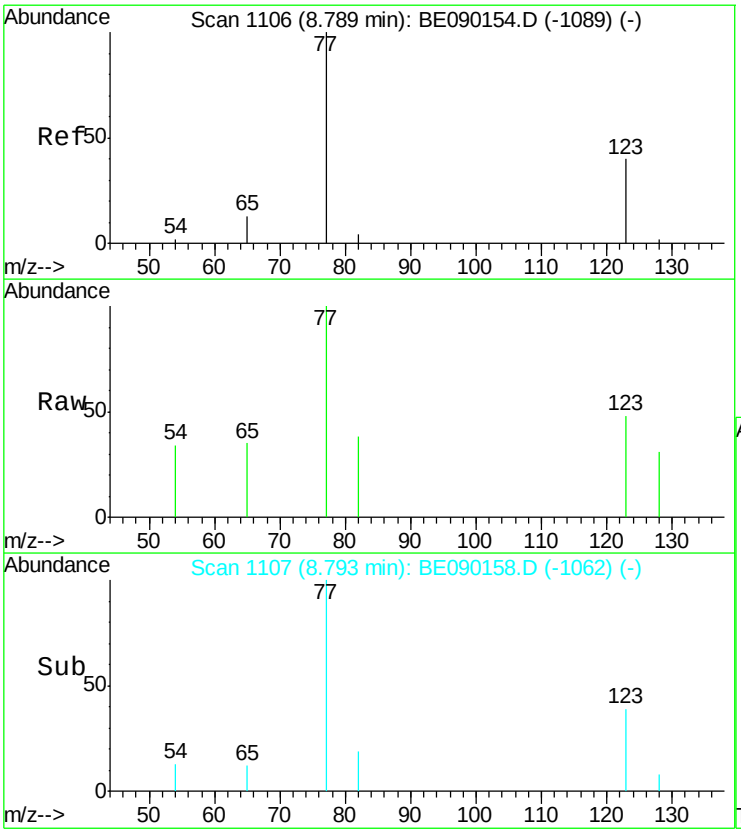
#7
Nitrobenzene-d5
Concen: 0.10 ng
RT: 8.76 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 82 Resp: 339

Ion	Ratio	Lower	Upper
82	100		
128	55.2	32.7	49.1#
54	66.3	45.9	68.9

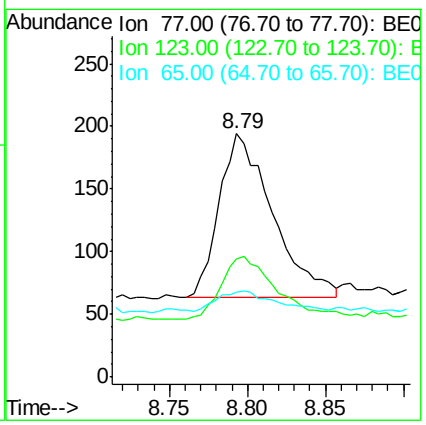


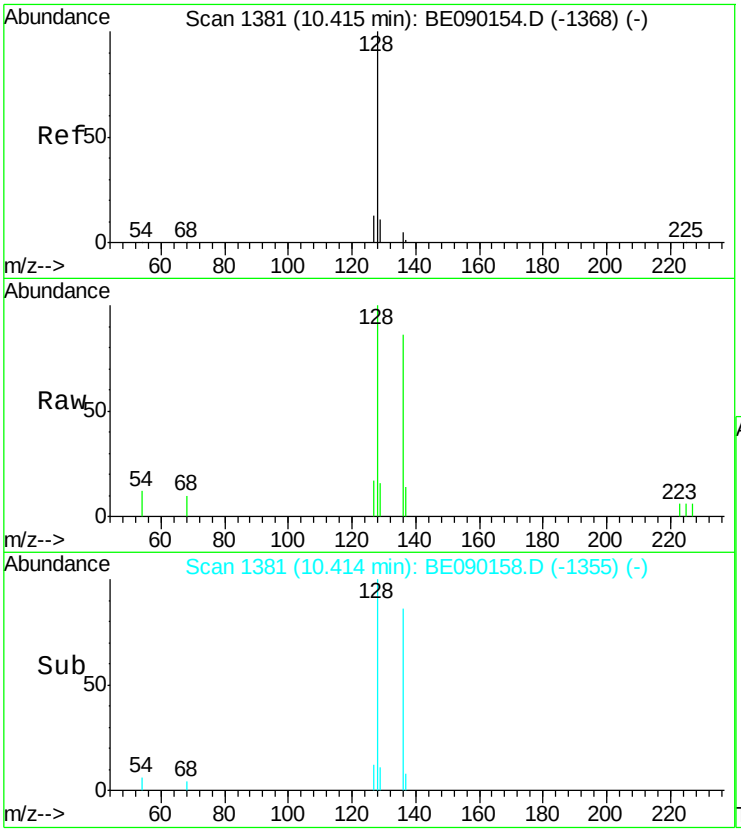


#8
Nitrobenzene
Concen: 0.09 ng
RT: 8.79 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Tgt Ion: 77 Resp: 308

Ion	Ratio	Lower	Upper
77	100		
123	40.6	32.3	48.5
65	13.6	10.4	15.6



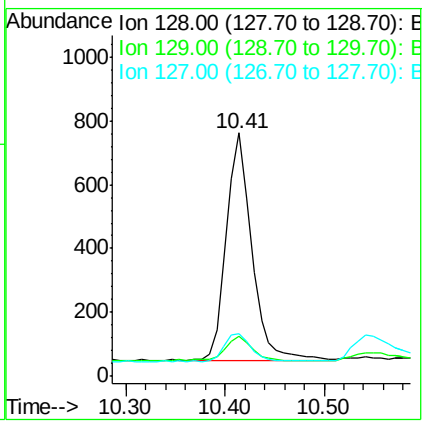


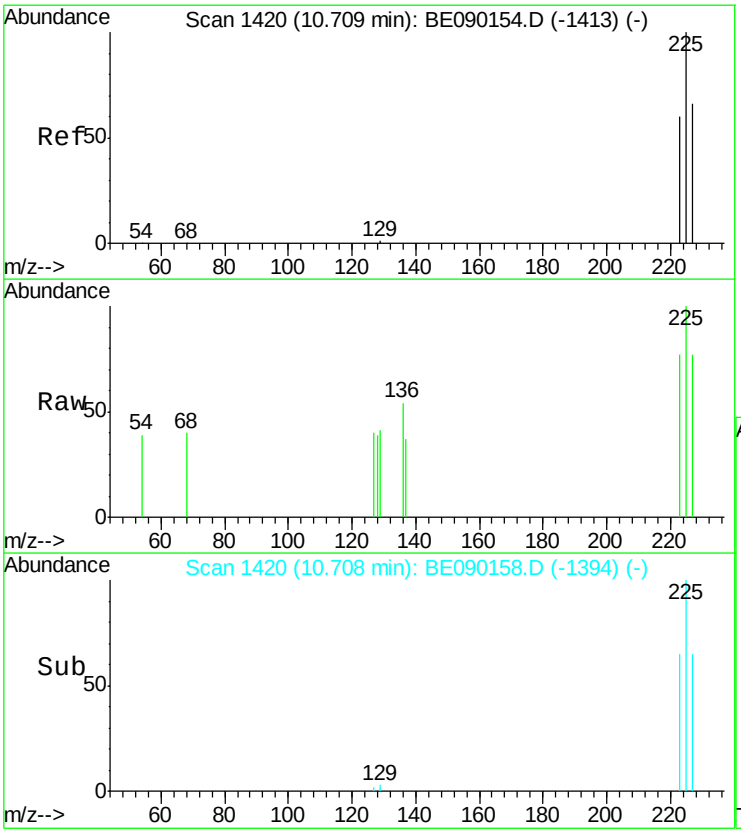
#9
Naphthalene
Concen: 0.12 ng
RT: 10.41 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 1264

Ion	Ratio	Lower	Upper
128	100		
129	16.3	9.8	14.6#
127	17.5	10.7	16.1#

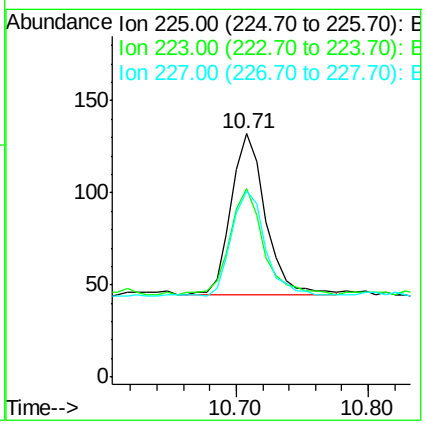


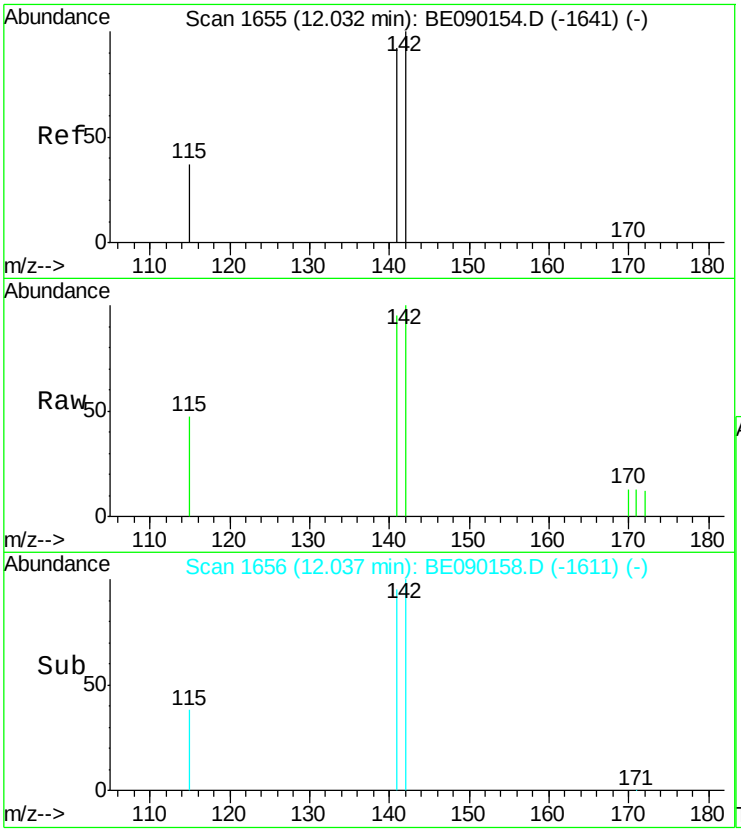


#10
Hexachlorobutadiene
Concen: 0.09 ng
RT: 10.71 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Tgt Ion:225 Resp: 156

Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.3	75.5
227	62.2	51.3	76.9



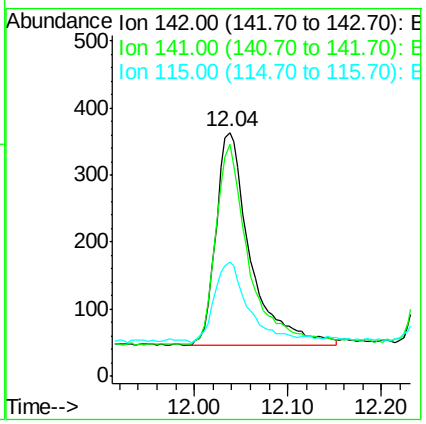


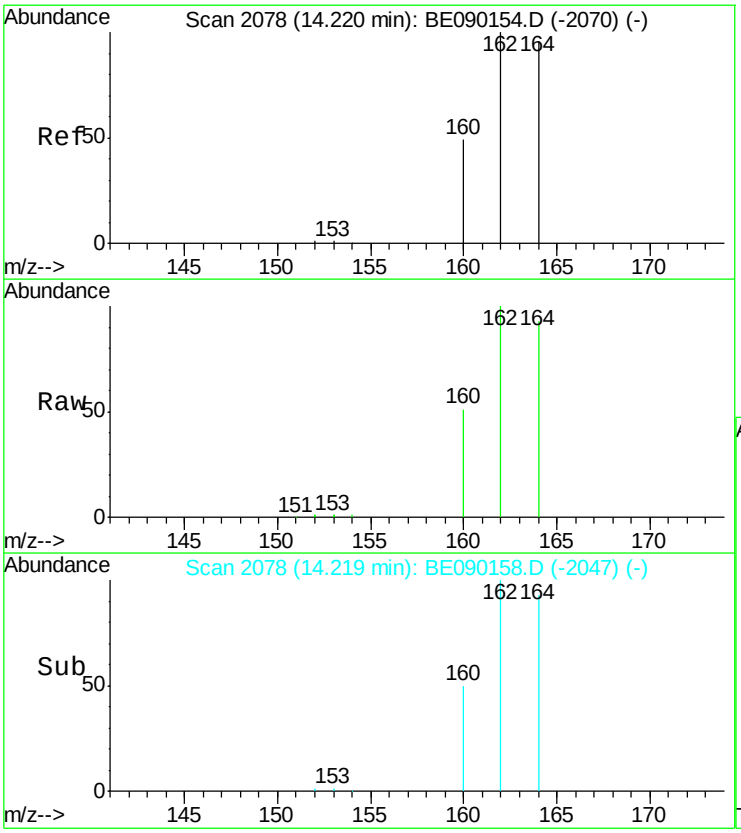
#11
2-Methylnaphthalene
Concen: 0.12 ng
RT: 12.04 min Scan# 1656
Delta R.T. 0.01 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:142 Resp: 812

Ion	Ratio	Lower	Upper
142	100		
141	95.0	73.9	110.9
115	46.8	30.0	45.0#

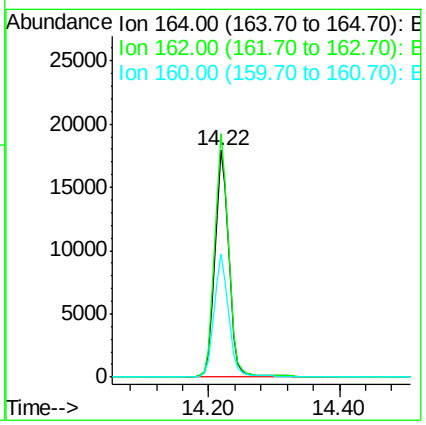


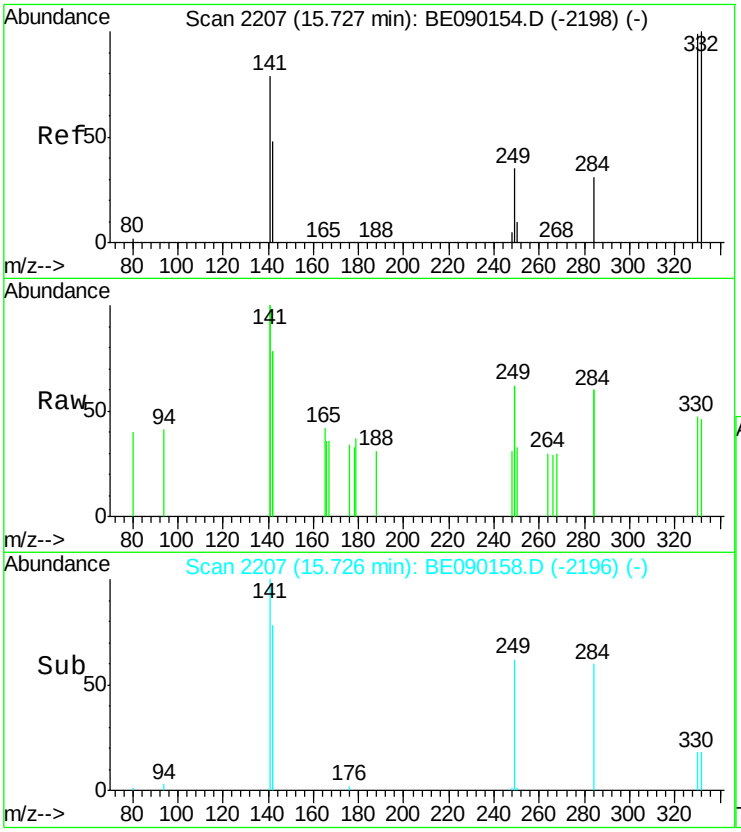


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Tgt Ion:164 Resp: 26429

Ion	Ratio	Lower	Upper
164	100		
162	107.3	83.3	124.9
160	54.3	40.9	61.3



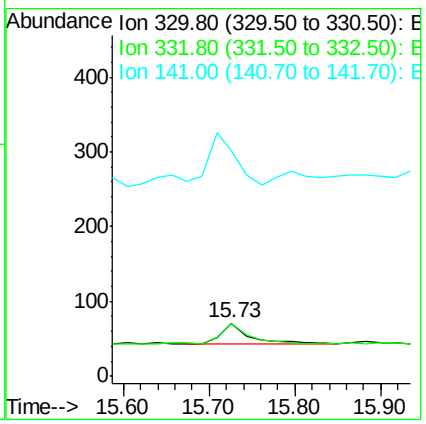


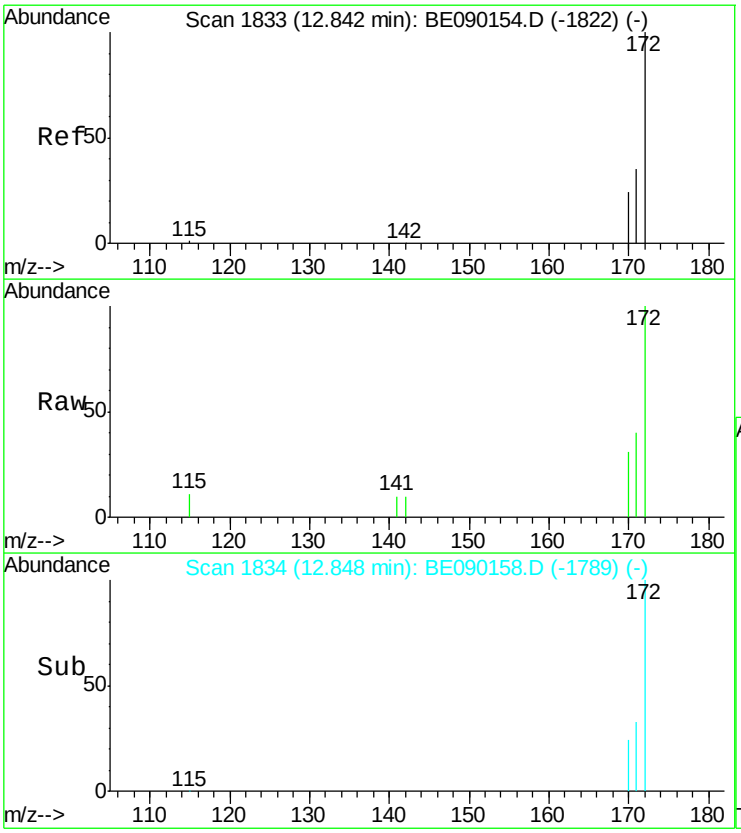
#13
2,4,6-Tribromophenol
Concen: 0.12 ng
RT: 15.73 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:330 Resp: 56

Ion	Ratio	Lower	Upper
330	100		
332	121.4	78.2	117.2#
141	353.6	215.8	323.6#

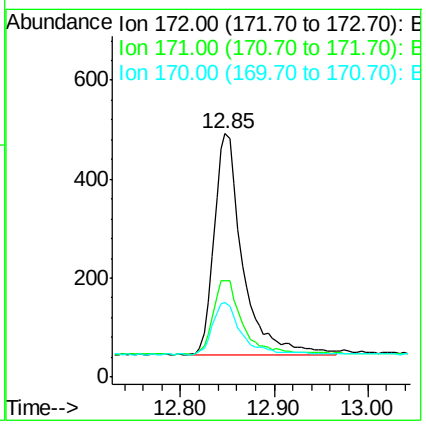


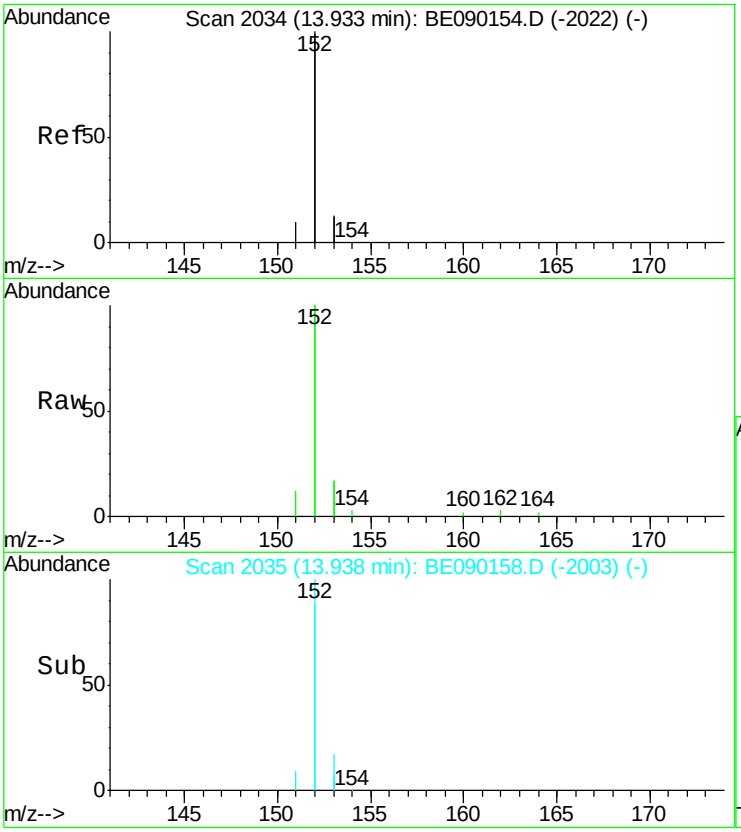


#14
2-Fluorobiphenyl
Concen: 0.12 ng
RT: 12.85 min Scan# 1834
Delta R.T. 0.01 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Tgt Ion:172 Resp: 946

Ion	Ratio	Lower	Upper
172	100		
171	39.8	28.5	42.7
170	30.7	19.7	29.5#



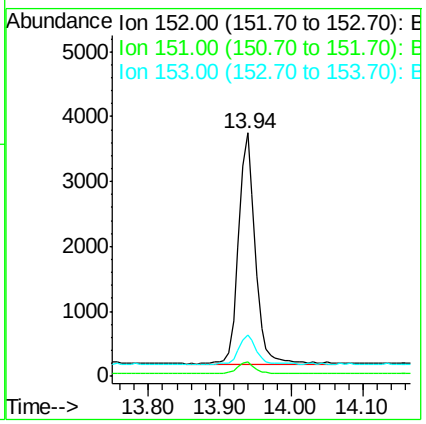


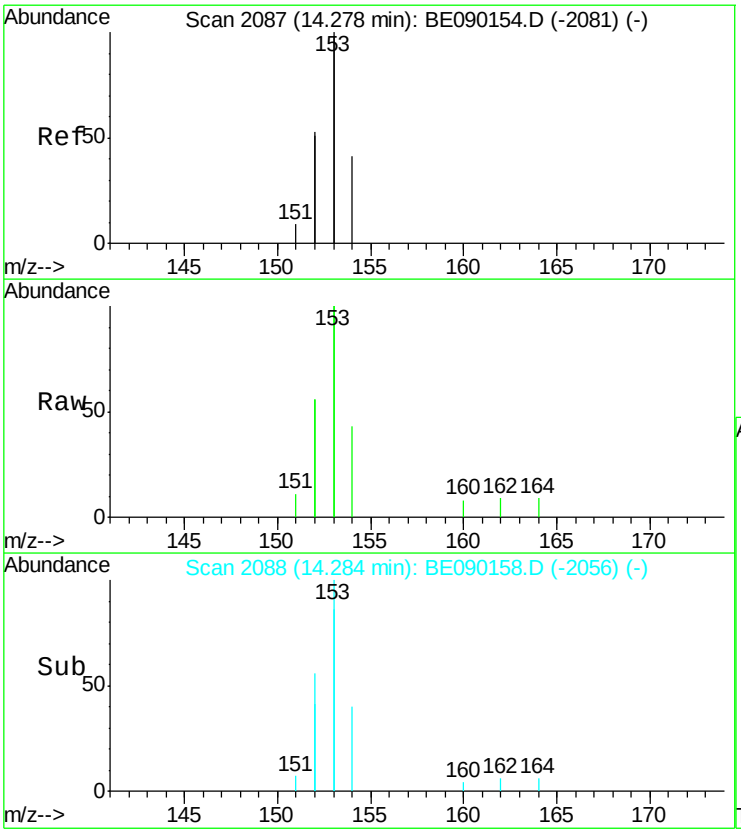
#15
Acenaphthylene
Concen: 0.12 ng
RT: 13.94 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 5777

Ion	Ratio	Lower	Upper
152	100		
151	5.0	4.0	6.0
153	12.9	10.4	15.6

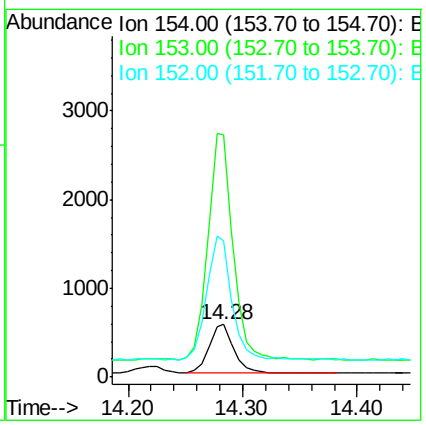


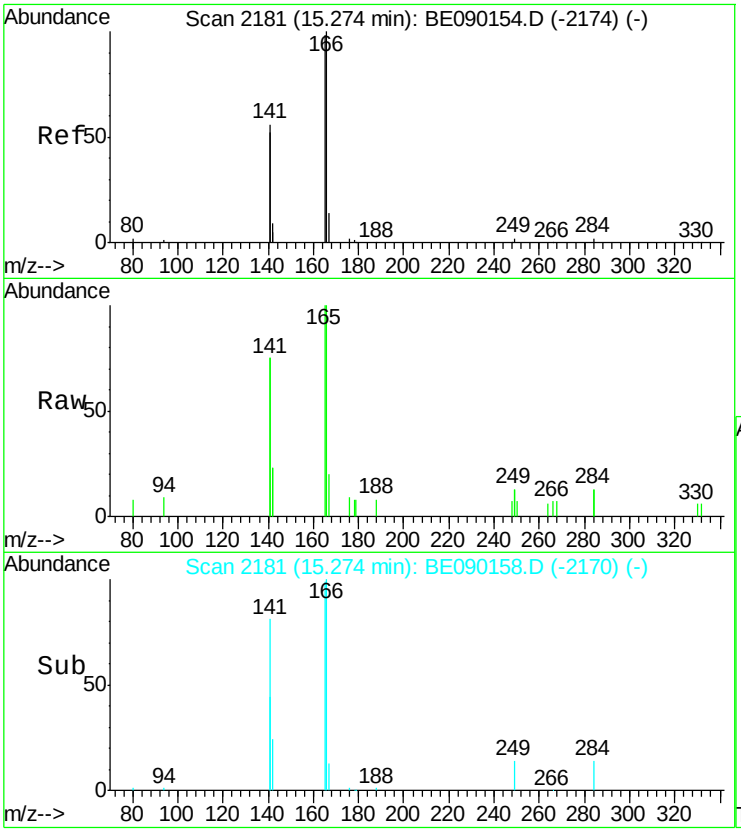


#16
Acenaphthene
Concen: 0.12 ng
RT: 14.28 min Scan# 2088
Delta R.T. 0.01 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Tgt Ion:154 Resp: 818

Ion	Ratio	Lower	Upper
154	100		
153	475.4	376.9	565.3
152	261.4	199.0	298.6



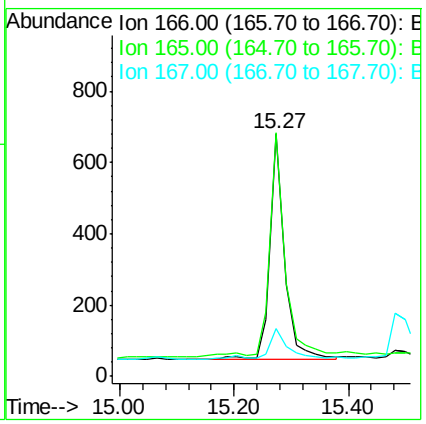


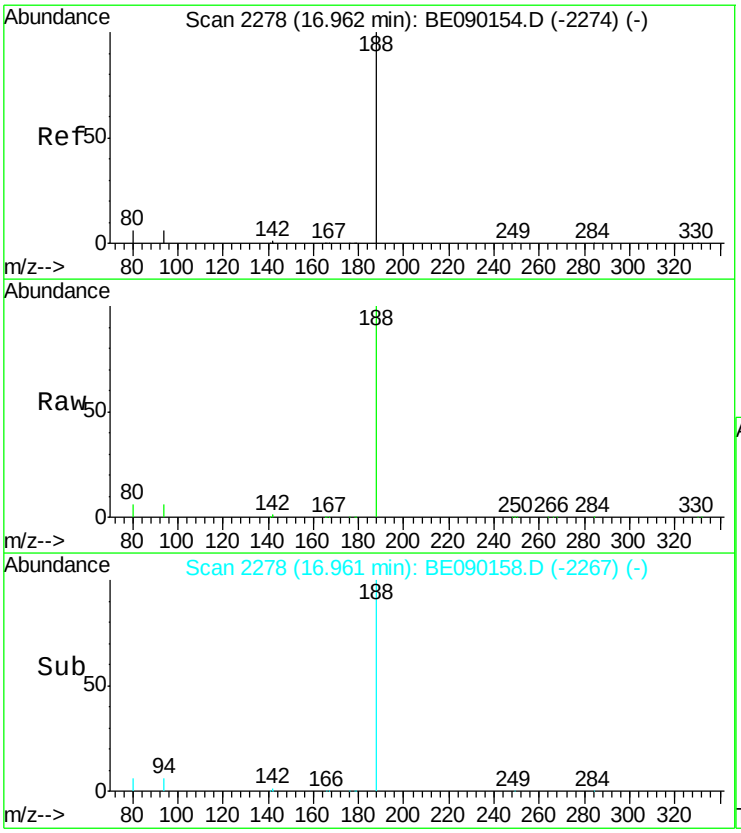
#17
Fluorene
Concen: 0.13 ng
RT: 15.27 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:166 Resp: 1135

Ion	Ratio	Lower	Upper
166	100		
165	96.3	81.5	122.3
167	14.6	11.9	17.9

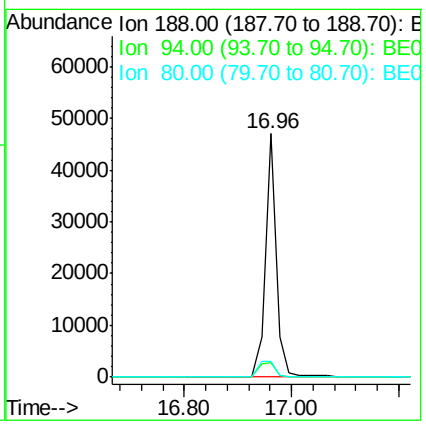


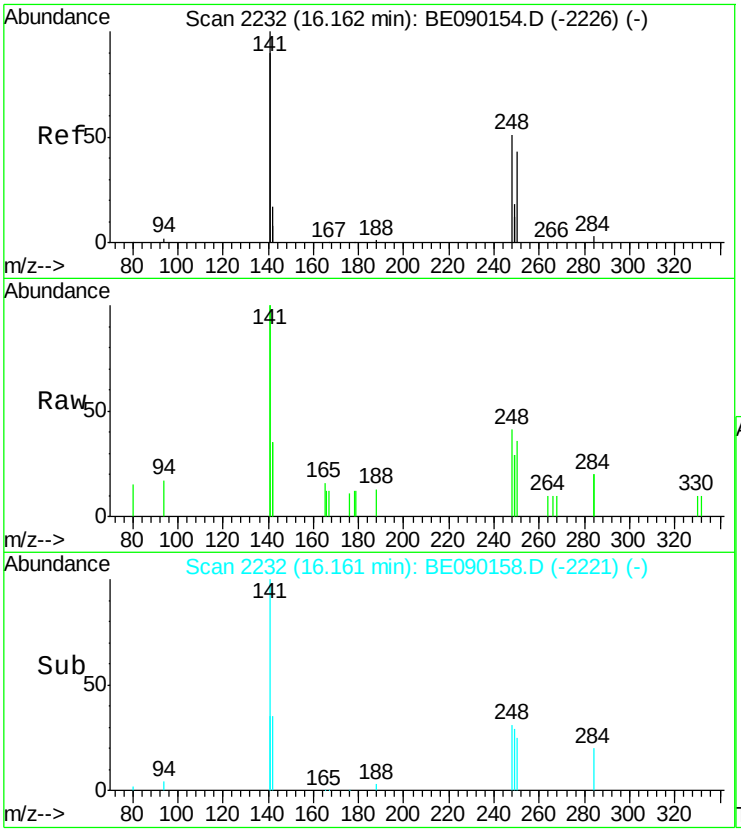


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.96 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Tgt Ion:188 Resp: 67013

Ion	Ratio	Lower	Upper
188	100		
94	6.1	4.6	7.0
80	6.3	4.6	6.8



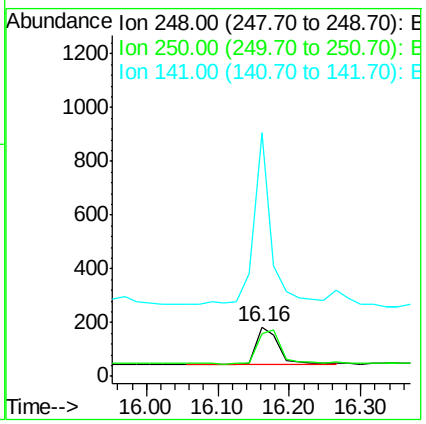


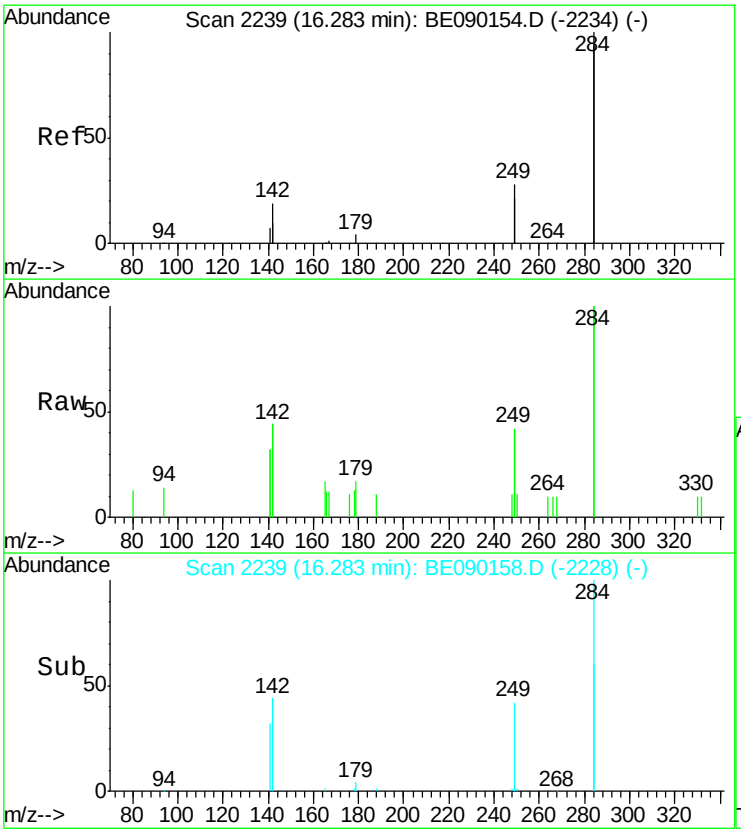
#19
4-Bromophenyl-phenylether
Concen: 0.11 ng
RT: 16.16 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 307

Ion	Ratio	Lower	Upper
248	100		
250	94.5	77.4	116.0
141	358.3	281.3	421.9

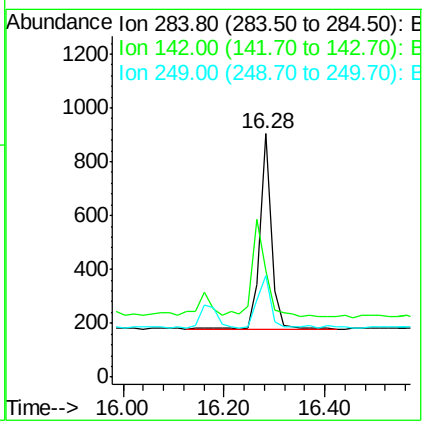


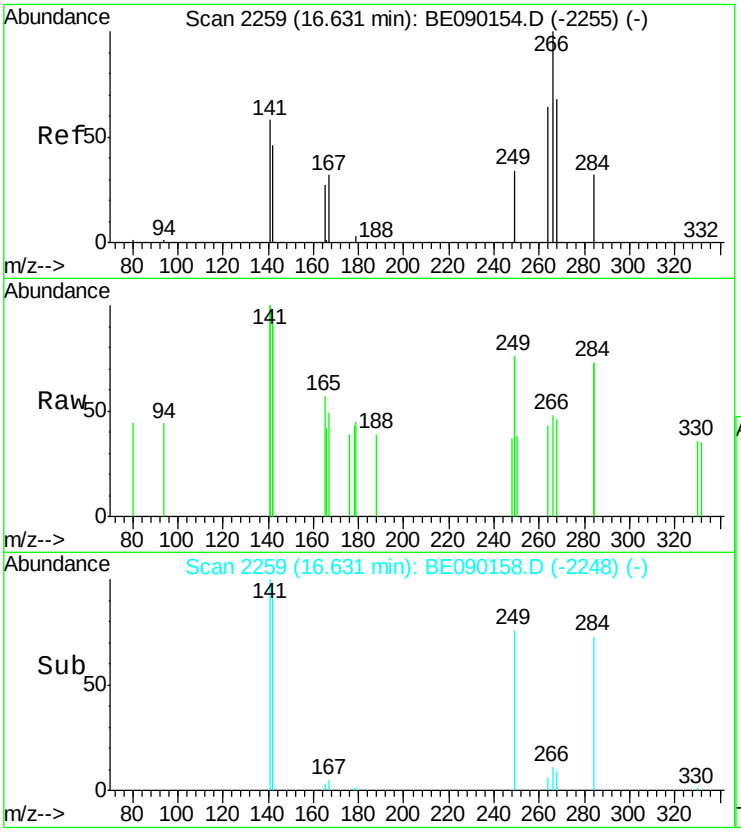


#20
Hexachlorobenzene
Concen: 0.10 ng
RT: 16.28 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Tgt Ion:284 Resp: 1173

Ion	Ratio	Lower	Upper
284	100		
142	59.4	42.2	63.2
249	29.6	25.5	38.3



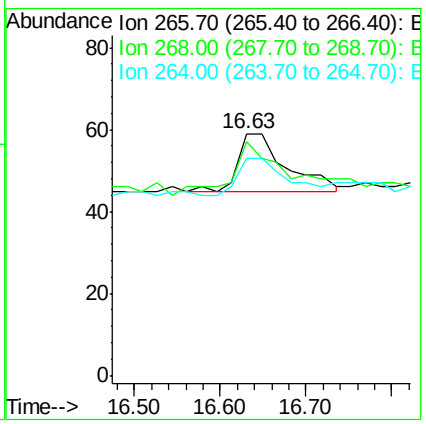


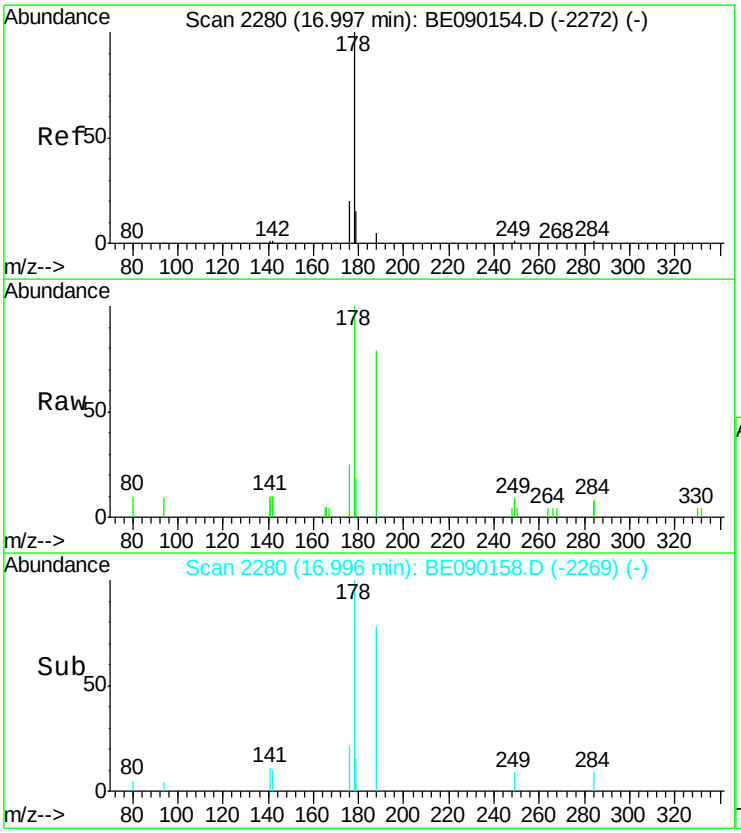
#21
Pentachlorophenol
Concen: 0.10 ng
RT: 16.63 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:266 Resp: 54

Ion	Ratio	Lower	Upper
266	100		
268	96.6	58.2	87.4#
264	89.8	55.0	82.4#

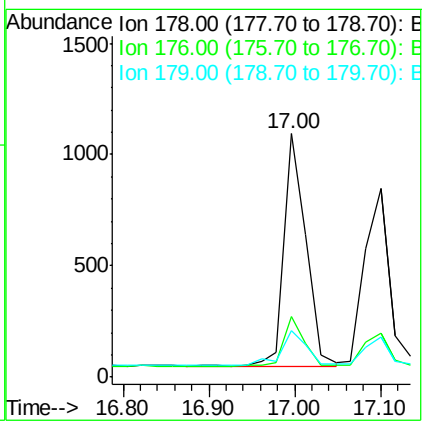


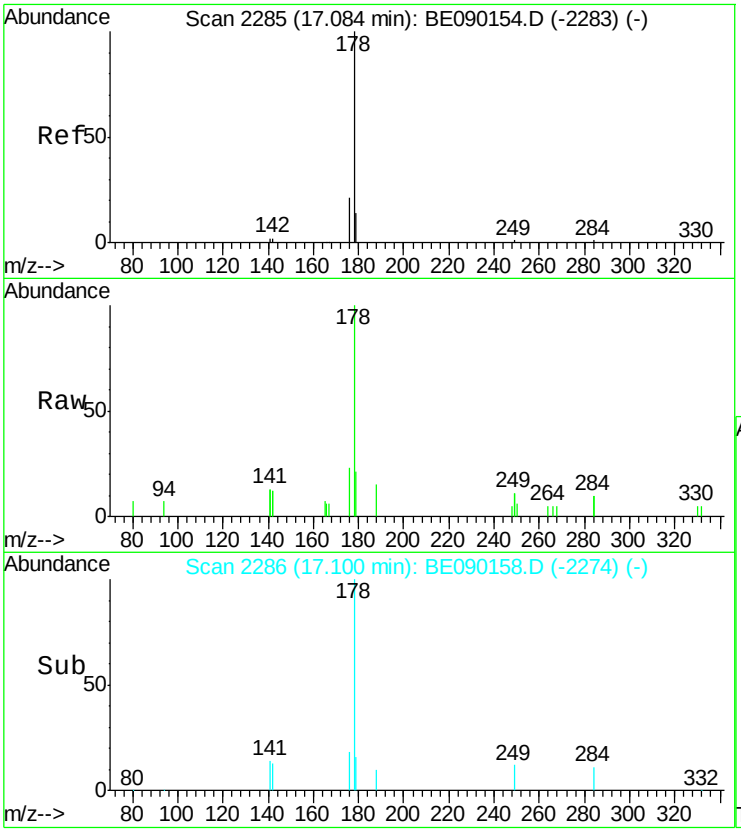


#22
Phenanthrene
Concen: 0.11 ng
RT: 17.00 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Tgt Ion:178 Resp: 1872

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.9	23.9
179	18.1	12.5	18.7



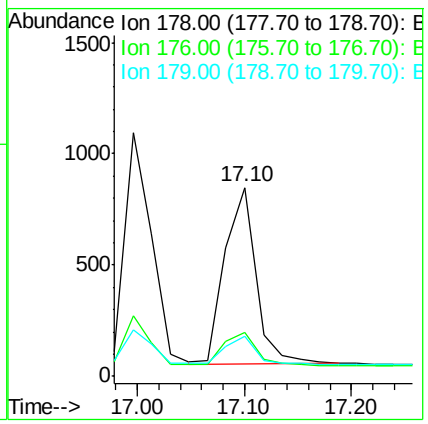


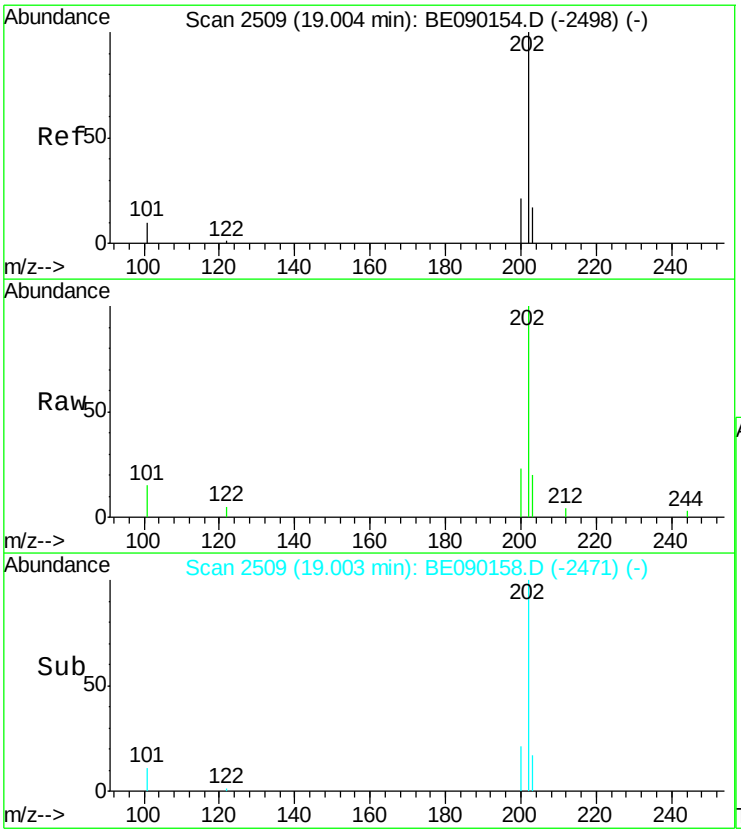
#23
Anthracene
Concen: 0.11 ng
RT: 17.10 min Scan# 2286
Delta R.T. 0.02 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 1587

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.9	12.2	18.2

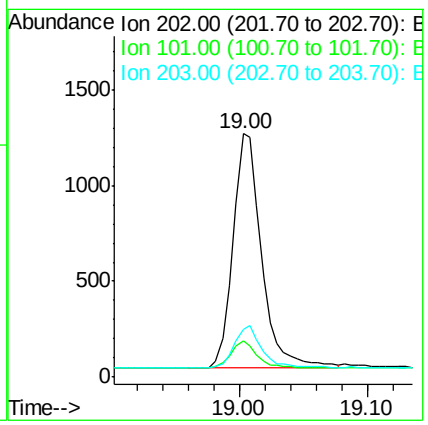


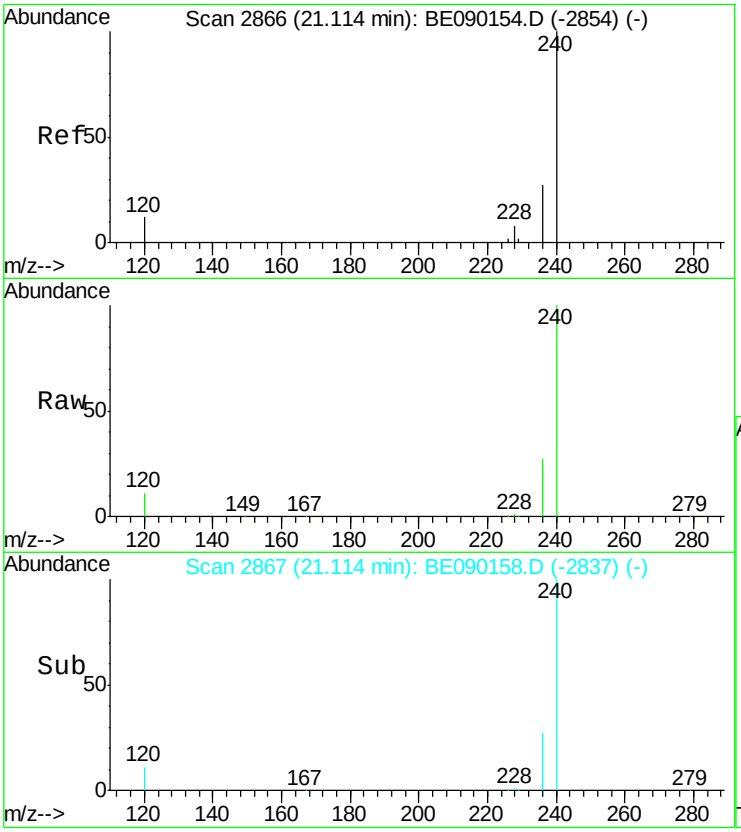


#24
Fluoranthene
Concen: 0.11 ng
RT: 19.00 min Scan# 2509
Delta R.T. -0.00 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Tgt Ion:202 Resp: 1895

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.5	12.7
203	18.2	13.9	20.9



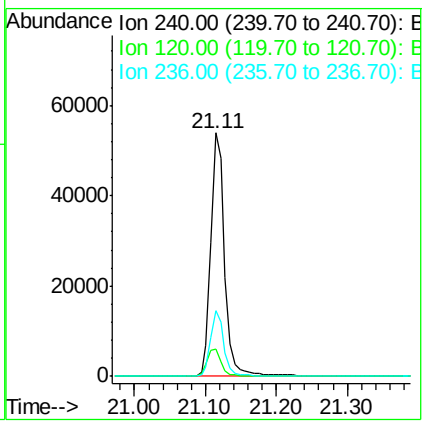


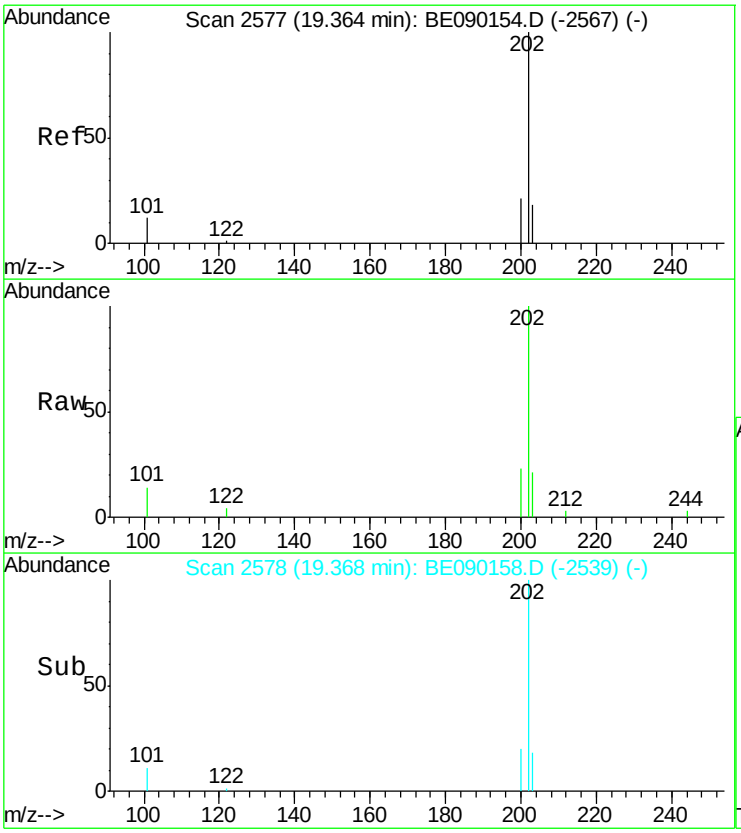
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.11 min Scan# 2867
Delta R.T. 0.00 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 72777

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.4	14.0
236	27.1	21.8	32.8

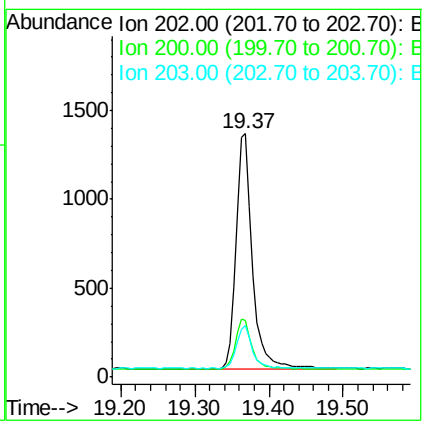


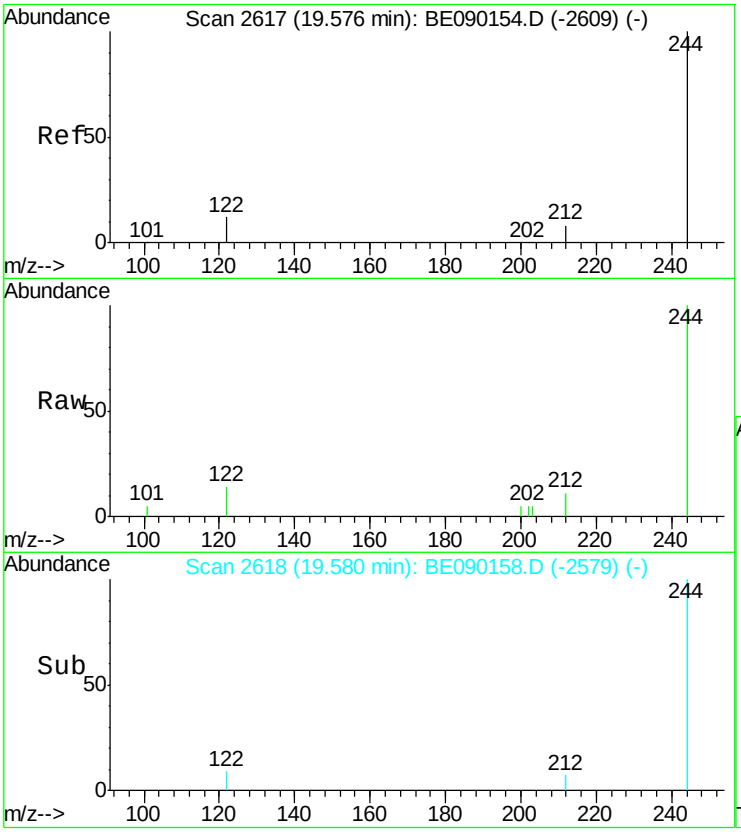


#26
Pyrene
Concen: 0.11 ng
RT: 19.37 min Scan# 2578
Delta R.T. 0.00 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Tgt Ion:202 Resp: 2030

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.6
203	17.7	14.1	21.1



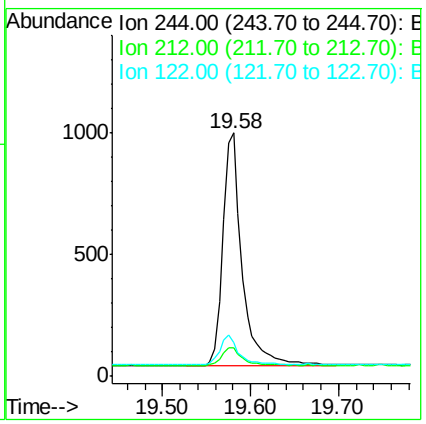


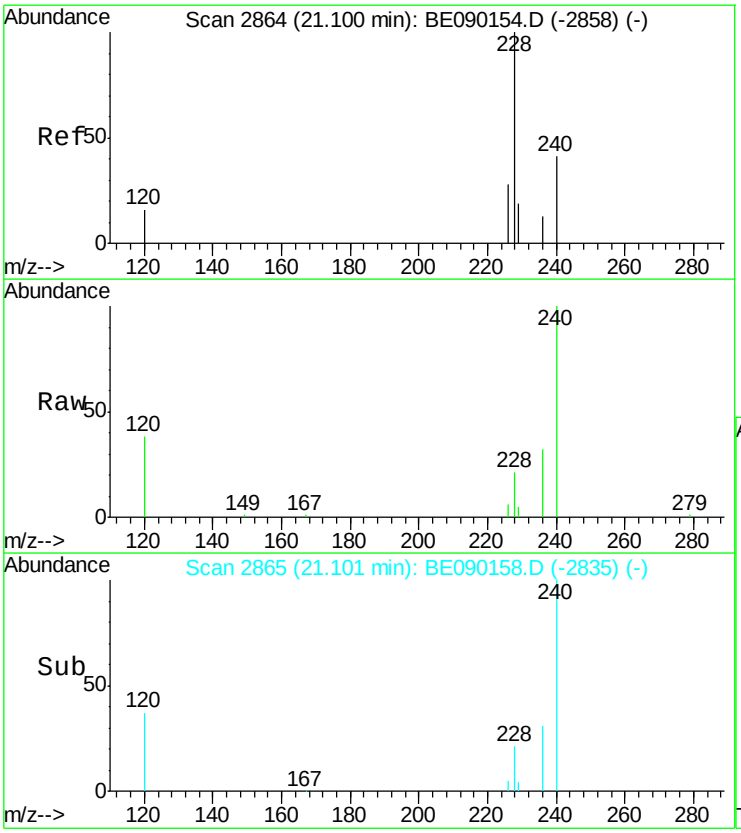
#27
Terphenyl-d14
Concen: 0.12 ng
RT: 19.58 min Scan# 2618
Delta R.T. 0.00 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 1448

Ion	Ratio	Lower	Upper
244	100		
212	11.5	6.5	9.7#
122	14.0	9.8	14.6

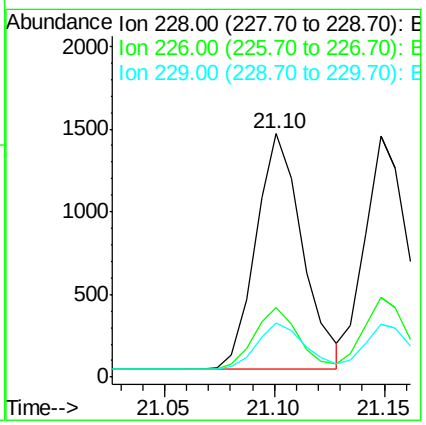


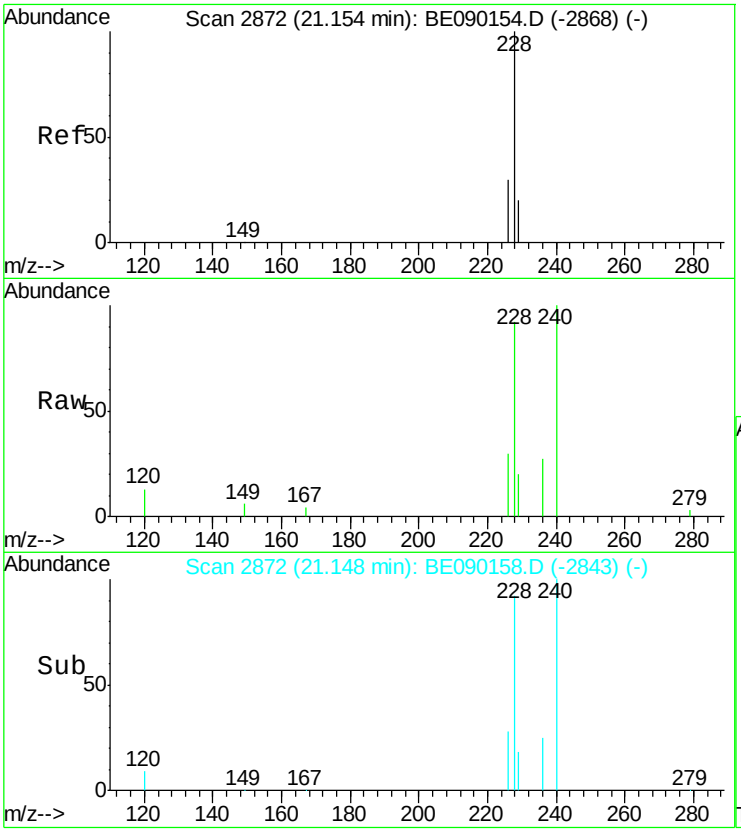


#28
Benzo(a)anthracene
Concen: 0.16 ng
RT: 21.10 min Scan# 2865
Delta R.T. 0.00 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Tgt Ion:228 Resp: 2101

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.2	33.4
229	22.1	15.7	23.5



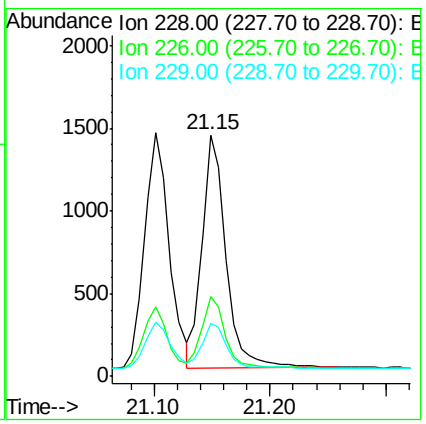


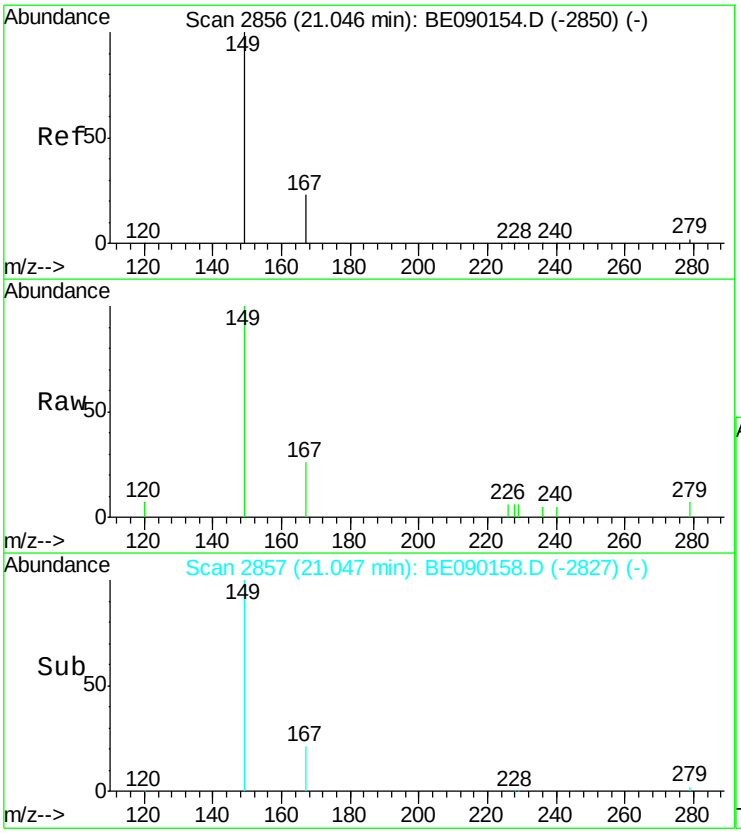
#29
Chrysene
Concen: 0.10 ng
RT: 21.15 min Scan# 2872
Delta R.T. -0.01 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 2034

Ion	Ratio	Lower	Upper
228	100		
226	33.1	23.8	35.8
229	21.8	16.5	24.7

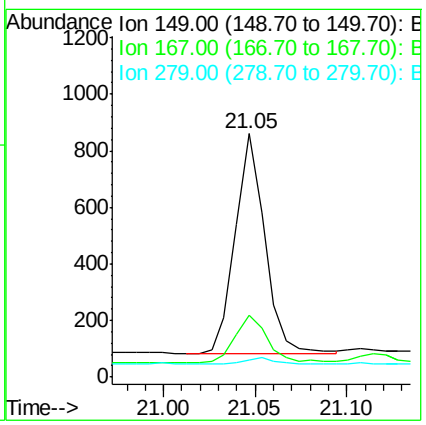


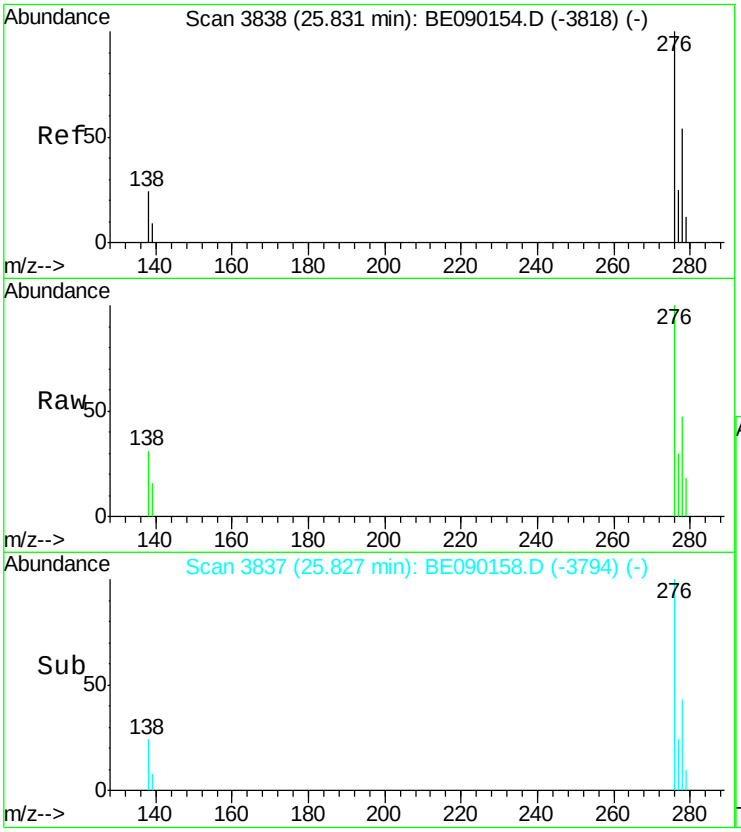


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.25 ng
RT: 21.05 min Scan# 2857
Delta R.T. 0.00 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Tgt Ion:149 Resp: 877

Ion	Ratio	Lower	Upper
149	100		
167	23.0	18.6	28.0
279	2.7	2.2	3.4



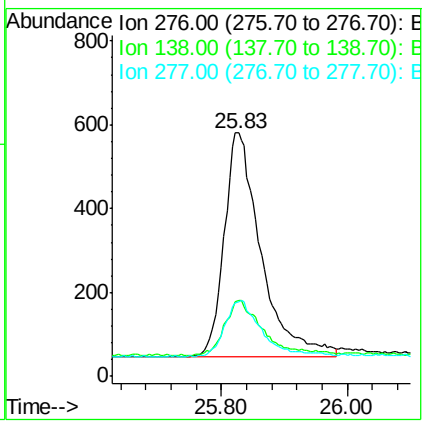


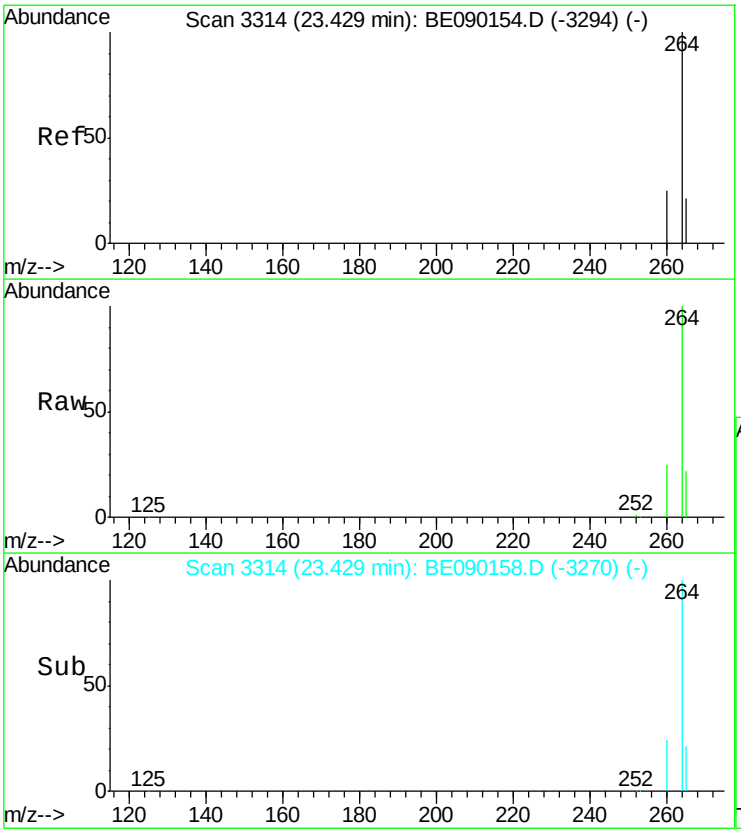
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.34 ng
RT: 25.83 min Scan# 3837
Delta R.T. -0.00 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 2185

Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.5	29.3
277	24.4	19.8	29.6

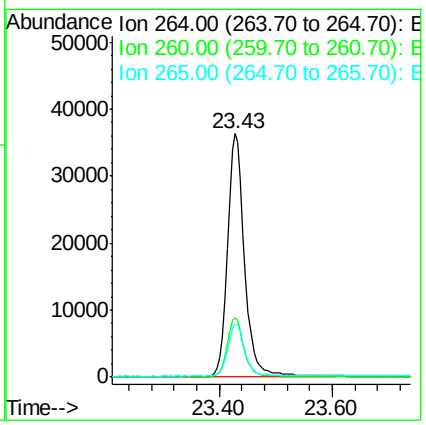


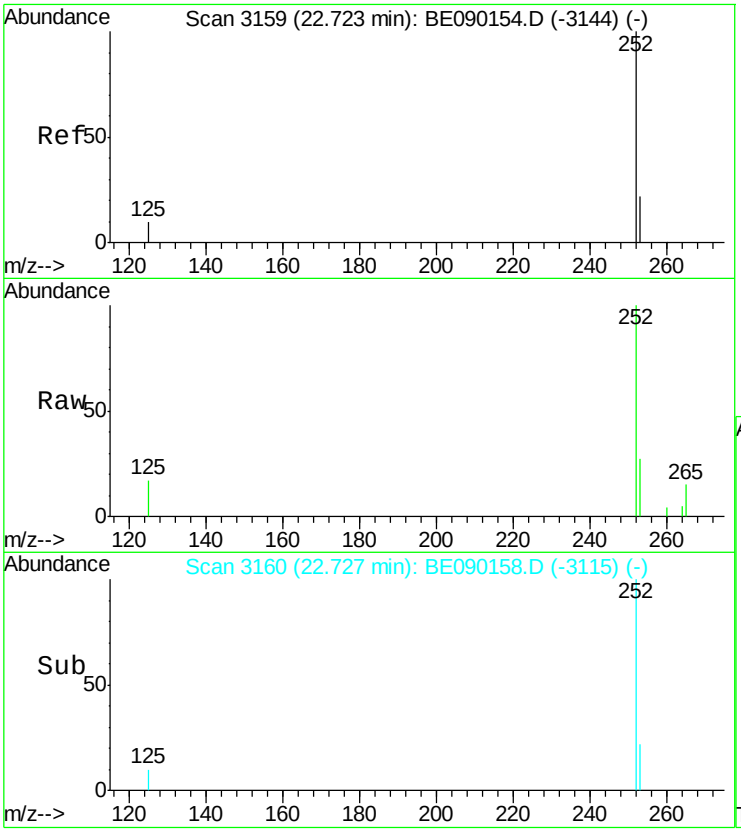


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.43 min Scan# 3314
Delta R.T. -0.00 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Tgt Ion:264 Resp: 74824

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	21.6	17.4	26.2



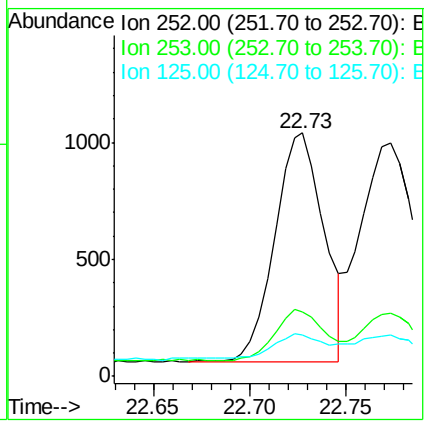


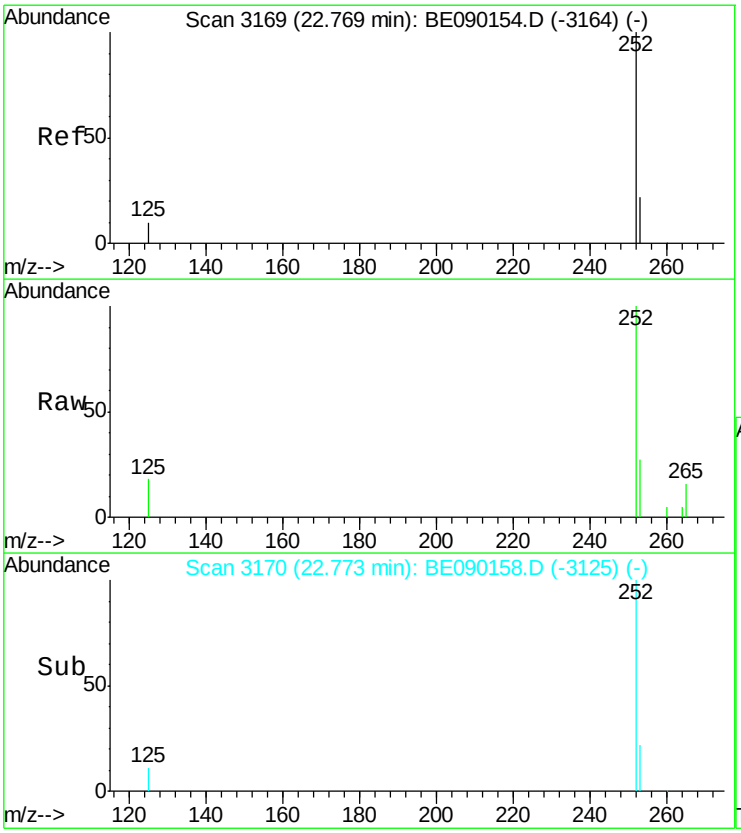
#33
Benzo(b)fluoranthene
Concen: 0.24 ng
RT: 22.73 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 1733

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.9	26.9
125	16.9	8.7	13.1#

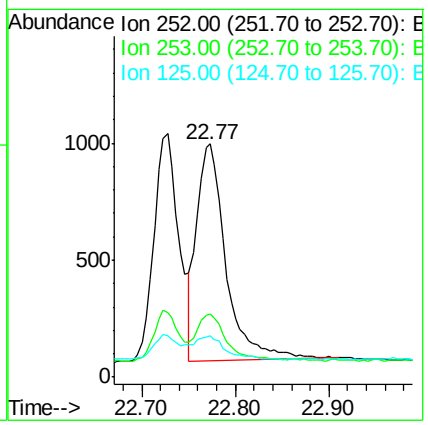


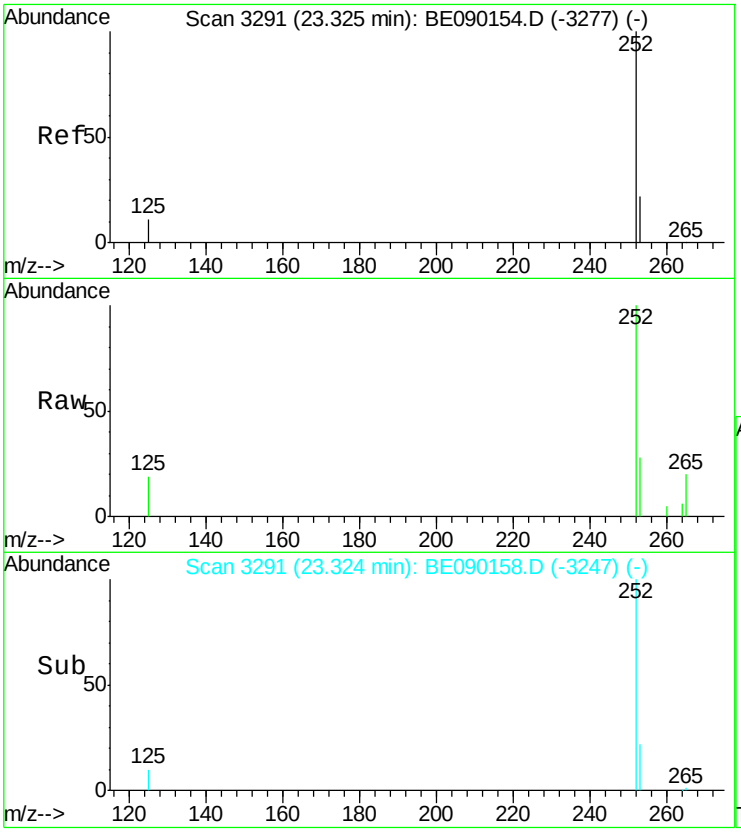


#34
Benzo(k)fluoranthene
Concen: 0.13 ng
RT: 22.77 min Scan# 3170
Delta R.T. 0.00 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Tgt Ion:252 Resp: 2000

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.1	27.1
125	17.8	8.7	13.1#



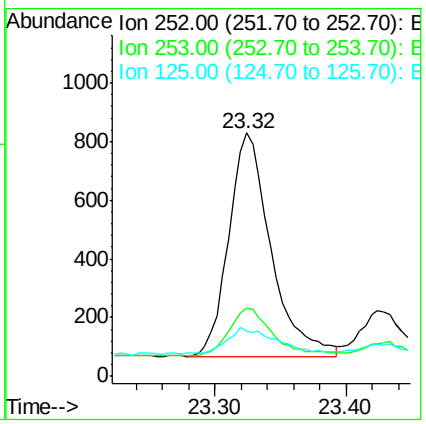


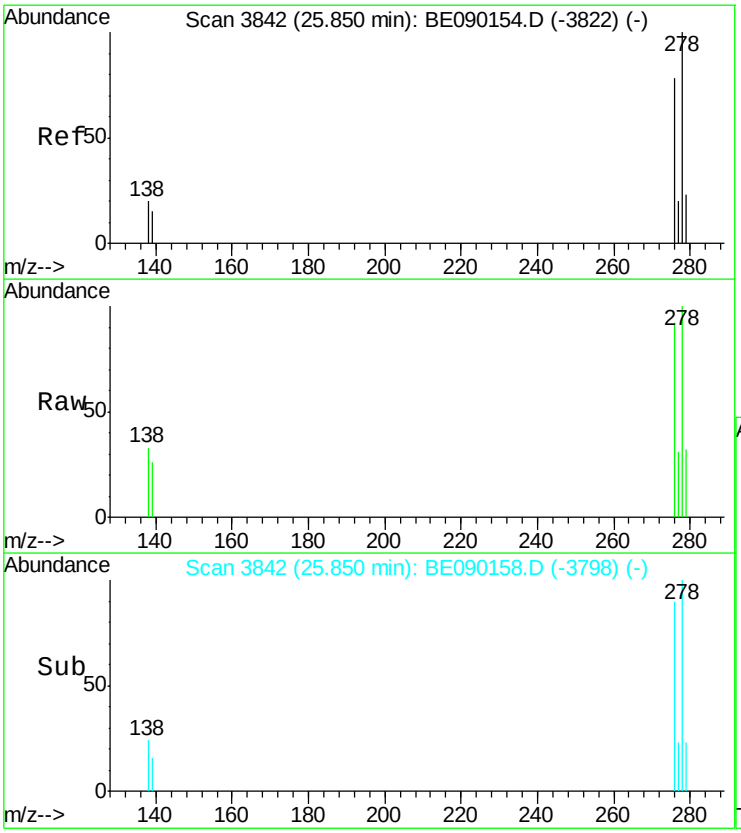
#35
Benzo(a)pyrene
Concen: 0.19 ng
RT: 23.32 min Scan# 3291
Delta R.T. -0.00 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 1709

Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.0	27.0#
125	18.7	9.4	14.0#

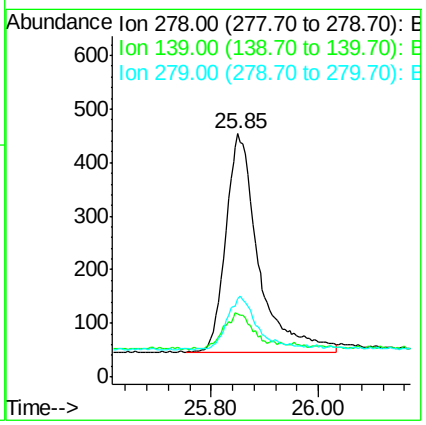


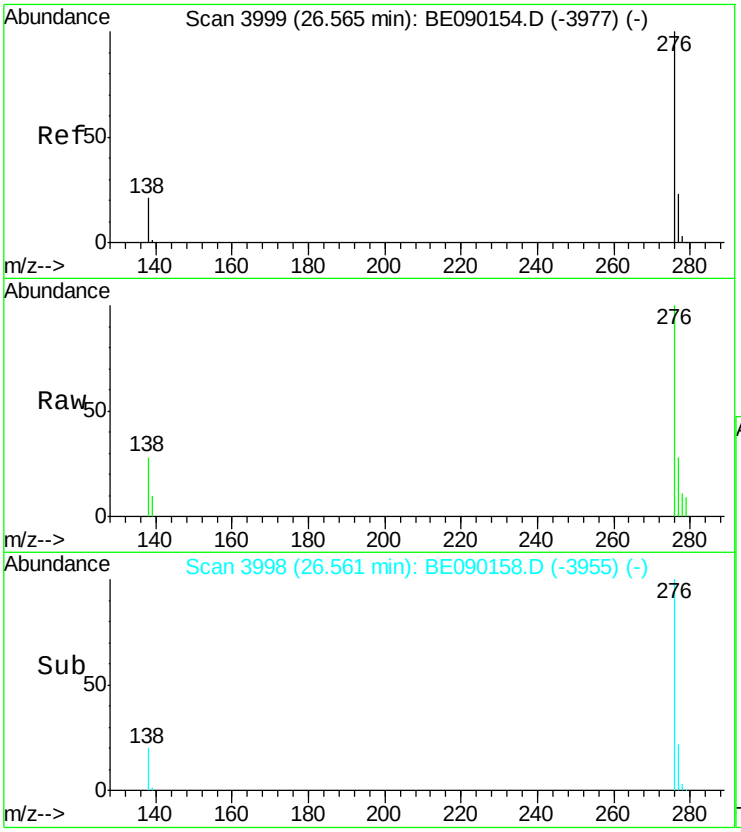


#36
Dibenzo(a,h)anthracene
Concen: 0.30 ng
RT: 25.85 min Scan# 3842
Delta R.T. 0.00 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Tgt Ion:278 Resp: 1714

Ion	Ratio	Lower	Upper
278	100		
139	26.0	12.9	19.3#
279	31.9	19.3	28.9#





#37
Benzo(g,h,i)perylene
Concen: 0.21 ng
RT: 26.56 min Scan# 3998
Delta R.T. -0.00 min
Lab File: BE090158.D
Acq: 17 Jul 2015 22:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 1936

Ion	Ratio	Lower	Upper
276	100		
277	28.4	19.0	28.6
138	28.1	17.2	25.8#