Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
Data File : BE090515.D
Acq On : 14 Aug 2015 11:42
Operator : UM/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Aug 14 15:26:50 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 15:17:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	38612	5.00	ng		0.00
6) Naphthalene-d8	10.33	136	194932	5.00	ng		0.00
12) Acenaphthene-d10	14.19	164	108062	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	240349	5.00	ng		0.00
25) Chrysene-d12	21.09	240	237310	5.00	ng		0.00
32) Perylene-d12	23.40	264	220355	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	1430	0.12	ng		0.00
5) Phenol-d6	6.77	99	1920	0.11	ng		0.00
7) Nitrobenzene-d5	8.72	82	1759	0.11	ng		0.00
13) 2,4,6-Tribromophenol	15.71	330	483	0.12	ng		0.00
14) 2-Fluorobiphenyl	12.81	172	3904	0.12	ng		0.00
27) Terphenyl-d14	19.55	244	5421	0.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	653	0.12	ng	#	79
3) n-Nitrosodimethylamine	3.49	42	824	0.12	ng	#	65
8) Nitrobenzene	8.77	77	1767	0.11	ng		98
9) Naphthalene	10.38	128	5606	0.12	ng		99
10) Hexachlorobutadiene	10.68	225	808	0.12	ng		99
11) 2-Methylnaphthalene	12.00	142	3550	0.12	ng		98
15) Acenaphthylene	13.91	152	23727	0.12	ng		100
16) Acenaphthene	14.25	154	3653	0.12	ng	#	78
17) Fluorene	15.26	166	4628	0.12	ng		97
19) 4-Bromophenyl-phenylether	16.14	248	1206	0.12	ng		77
20) Hexachlorobenzene	16.27	284	5478	0.12	ng	#	93
21) Pentachlorophenol	16.61	266	392	0.12	ng		94
22) Phenanthrene	16.98	178	8297	0.12	ng		97
23) Anthracene	17.07	178	6976	0.12	ng		100
24) Fluoranthene	18.98	202	8283	0.12	ng		98
26) Pyrene	19.34	202	8618	0.12	ng		100
28) Benzo(a)anthracene	21.08	228	8217	0.12	ng		97
29) Chrysene	21.13	228	8120	0.12	ng		97
30) Bis(2-ethylhexyl)phthalate	21.02	149	4465	0.13	ng		98
31) Indeno(1,2,3-cd)pyrene	25.78	276	7294	0.12	ng		94
33) Benzo(b)fluoranthene	22.70	252	6177	0.11	ng	#	91
34) Benzo(k)fluoranthene	22.74	252	7268	0.12	ng	#	91
35) Benzo(a)pyrene	23.29	252	5854	0.12	ng	#	88
36) Dibenzo(a,h)anthracene	25.80	278	5572	0.12	ng	#	93
37) Benzo(g,h,i)perylene	26.50	276	6165	0.12	ng	#	92

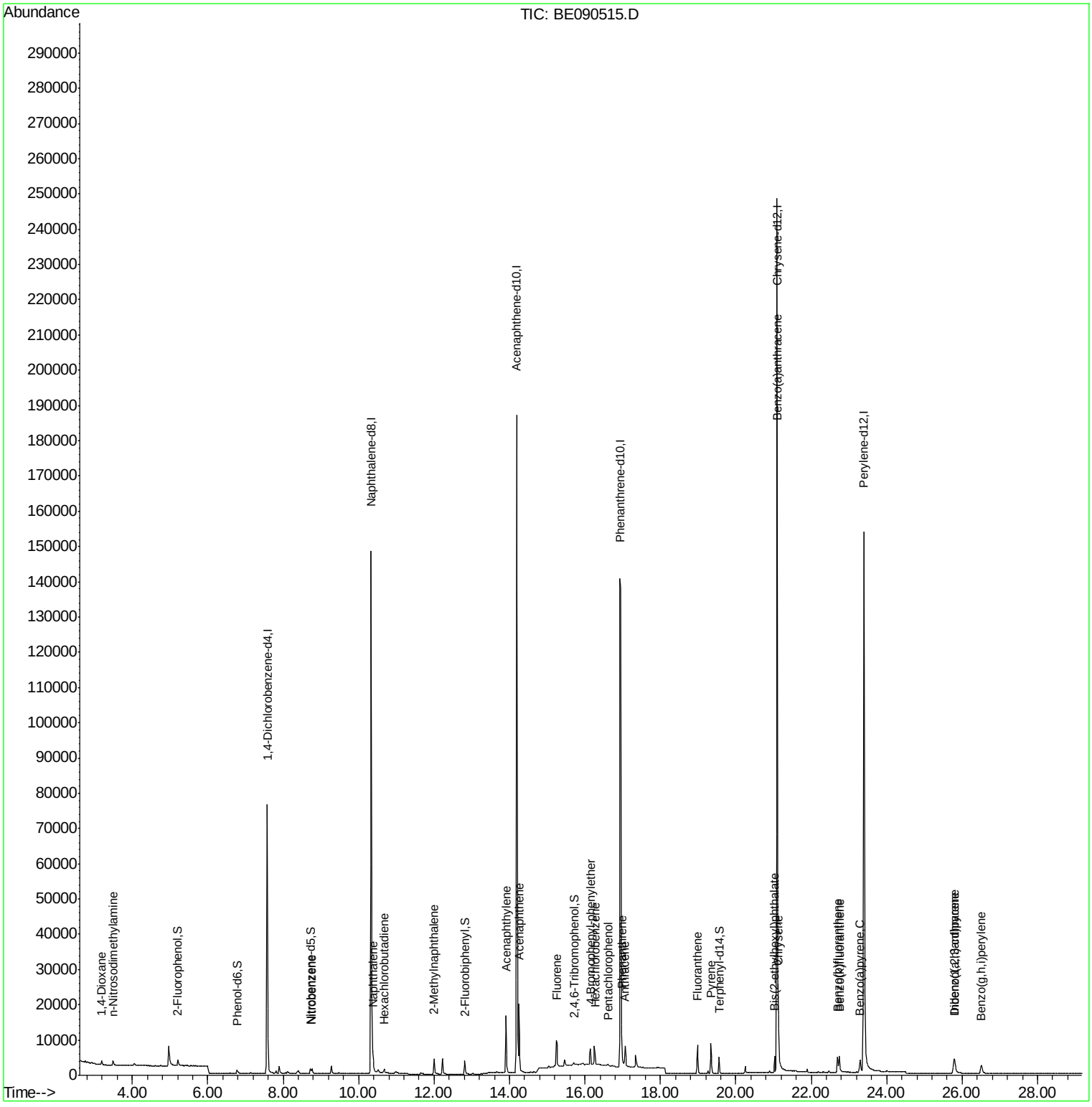
(#) = qualifier out of range (m) = manual integration (+) = signals summed

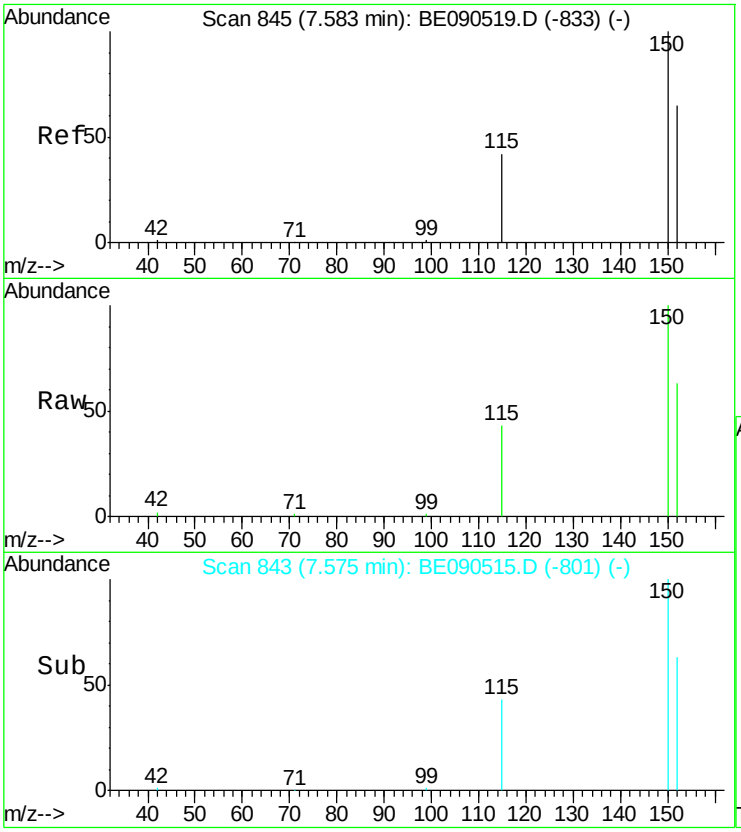
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
Data File : BE090515.D
Acq On : 14 Aug 2015 11:42
Operator : UM/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Aug 14 15:26:50 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 15:17:14 2015
Response via : Initial Calibration



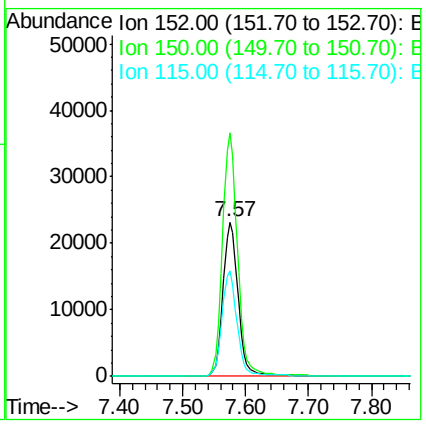


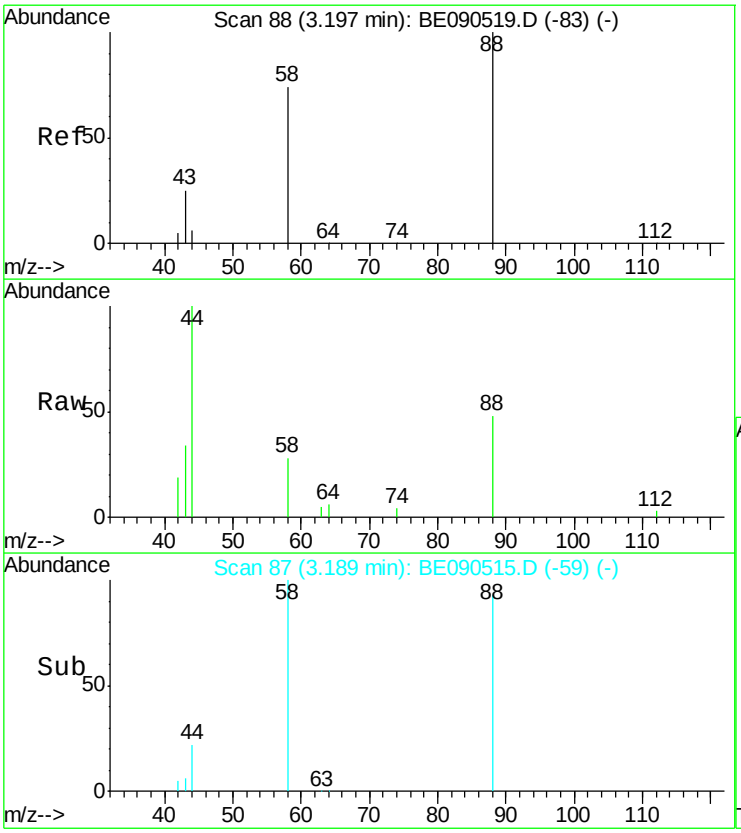
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.57 min Scan# 843
Delta R.T. -0.01 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 38612

Ion	Ratio	Lower	Upper
152	100		
150	158.1	123.0	184.4
115	68.4	48.9	73.3

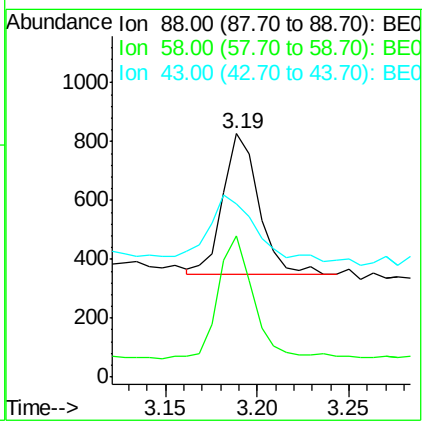


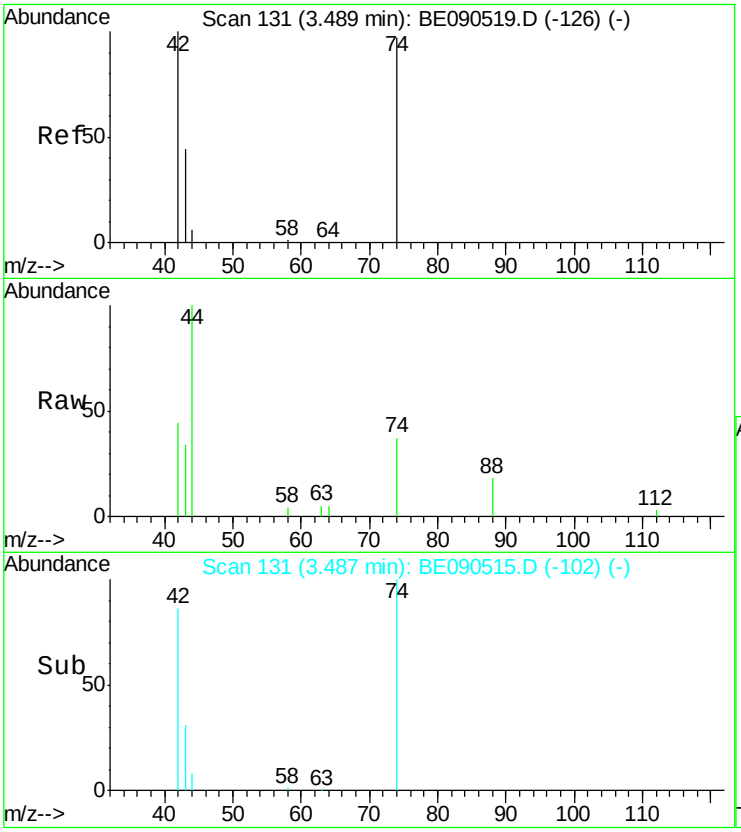


#2
1,4-Dioxane
Concen: 0.12 ng
RT: 3.19 min Scan# 87
Delta R.T. -0.01 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Tgt Ion: 88 Resp: 653

Ion	Ratio	Lower	Upper
88	100		
58	85.6	70.0	105.0
43	75.3	28.4	42.6#



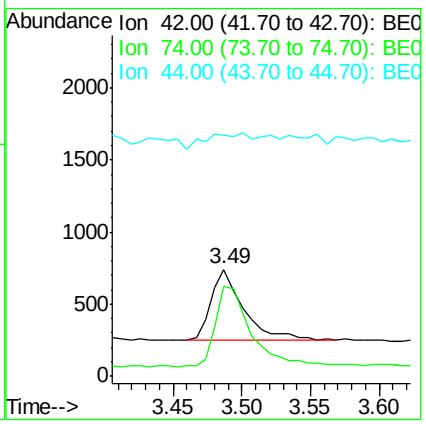


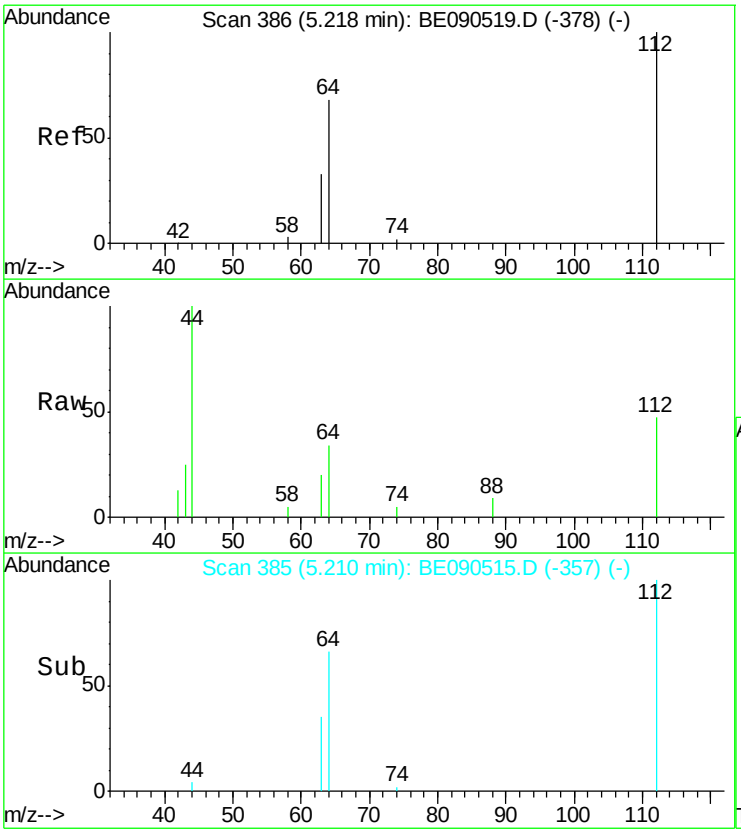
#3
n-Nitrosodimethylamine
Concen: 0.12 ng
RT: 3.49 min Scan# 131
Delta R.T. -0.00 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 824

Ion	Ratio	Lower	Upper
42	100		
74	124.6	75.2	112.8#
44	34.0	8.7	13.1#

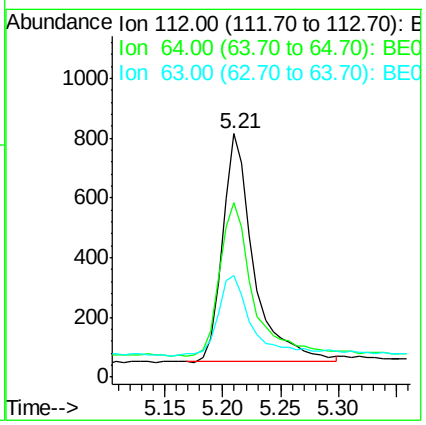


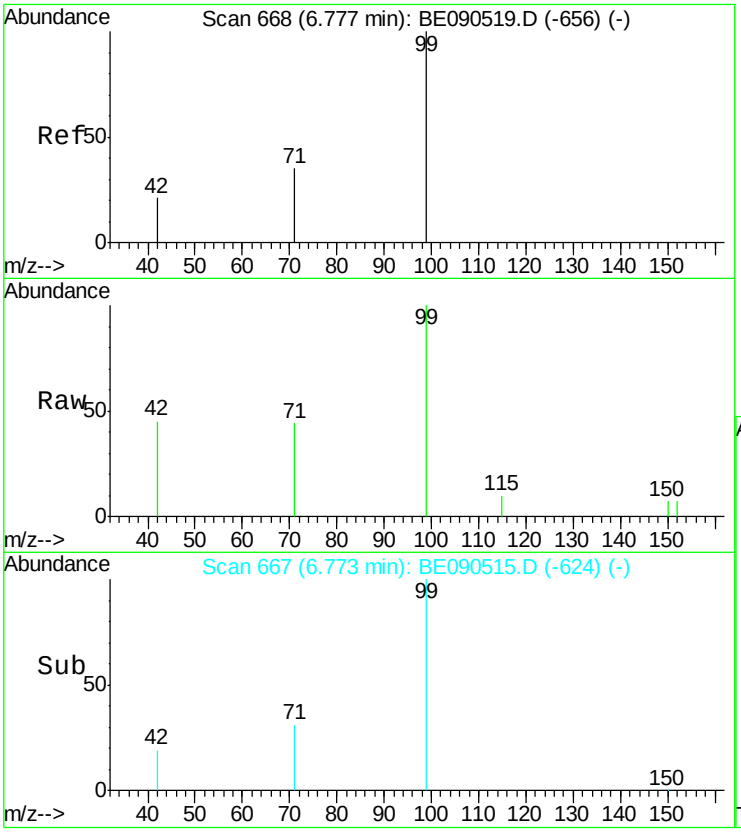


#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.21 min Scan# 385
Delta R.T. -0.01 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Tgt Ion:112 Resp: 1430

Ion	Ratio	Lower	Upper
112	100		
64	74.1	37.1	55.7#
63	38.3	19.5	29.3#



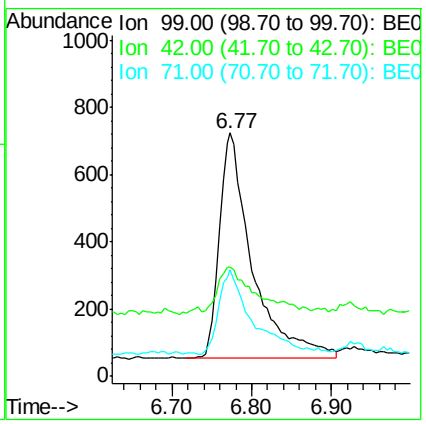


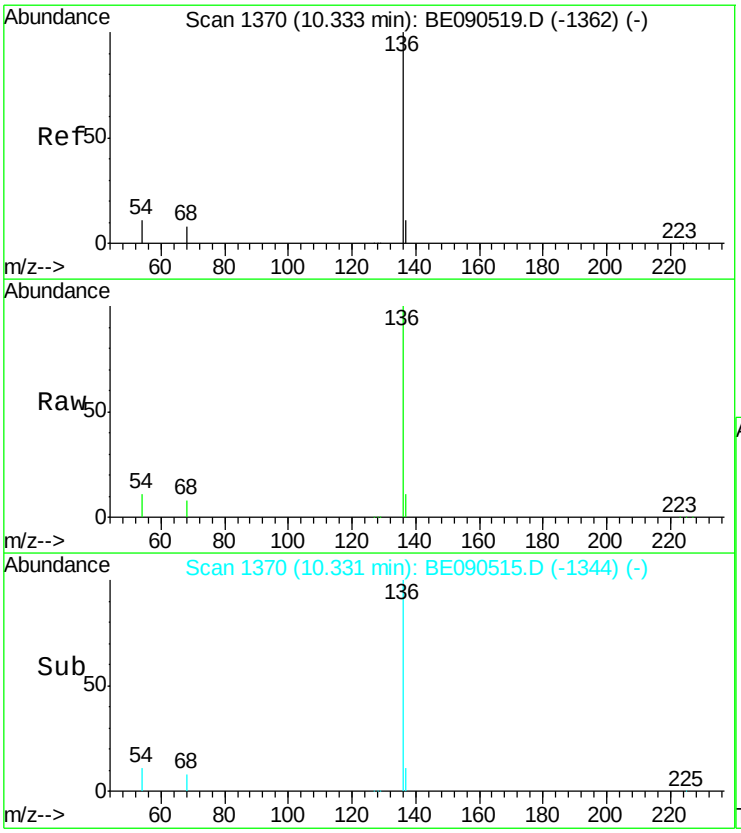
#5
Phenol-d6
Concen: 0.11 ng
RT: 6.77 min Scan# 667
Delta R.T. -0.00 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 1920

Ion	Ratio	Lower	Upper
99	100		
42	22.4	18.2	27.4
71	39.0	27.4	41.0

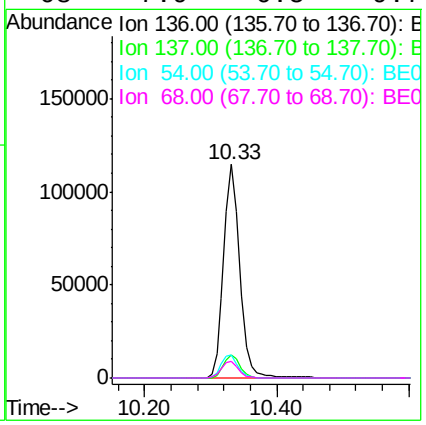


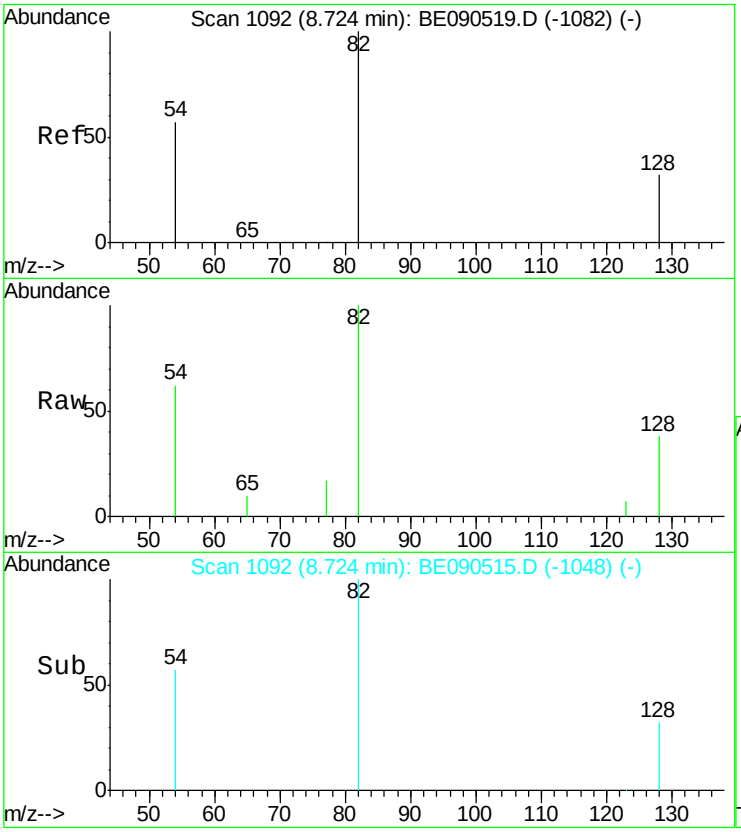


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.33 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Tgt Ion:136 Resp: 194932

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	10.6	9.4	14.0
68	7.9	6.5	9.7



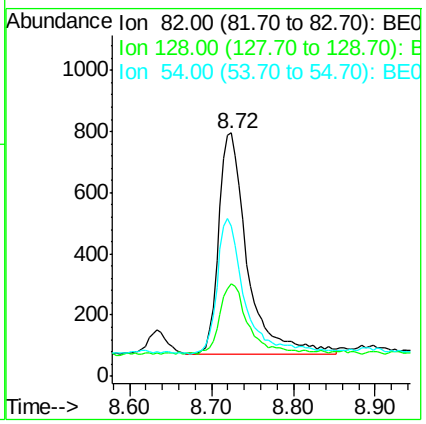


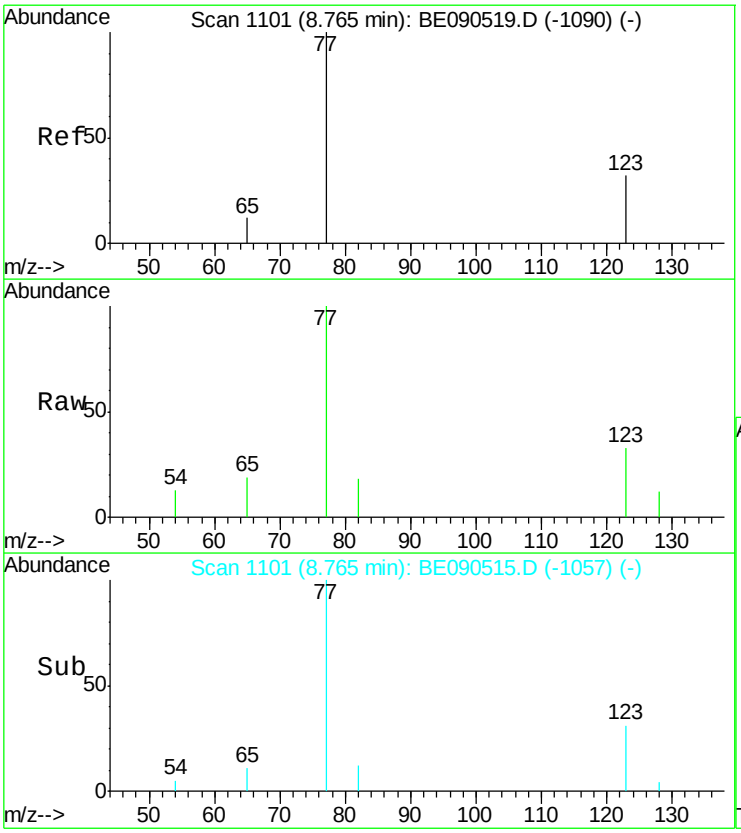
#7
Nitrobenzene-d5
Concen: 0.11 ng
RT: 8.72 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 82 Resp: 1759

Ion	Ratio	Lower	Upper
82	100		
128	38.1	25.0	37.6#
54	61.6	48.8	73.2

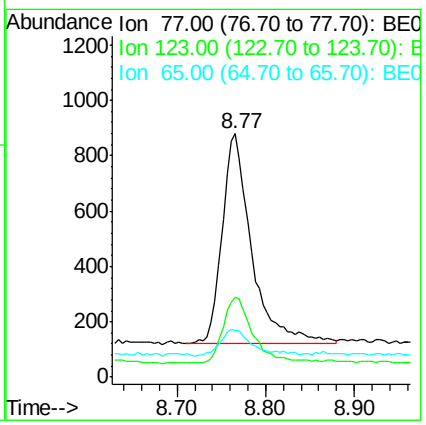


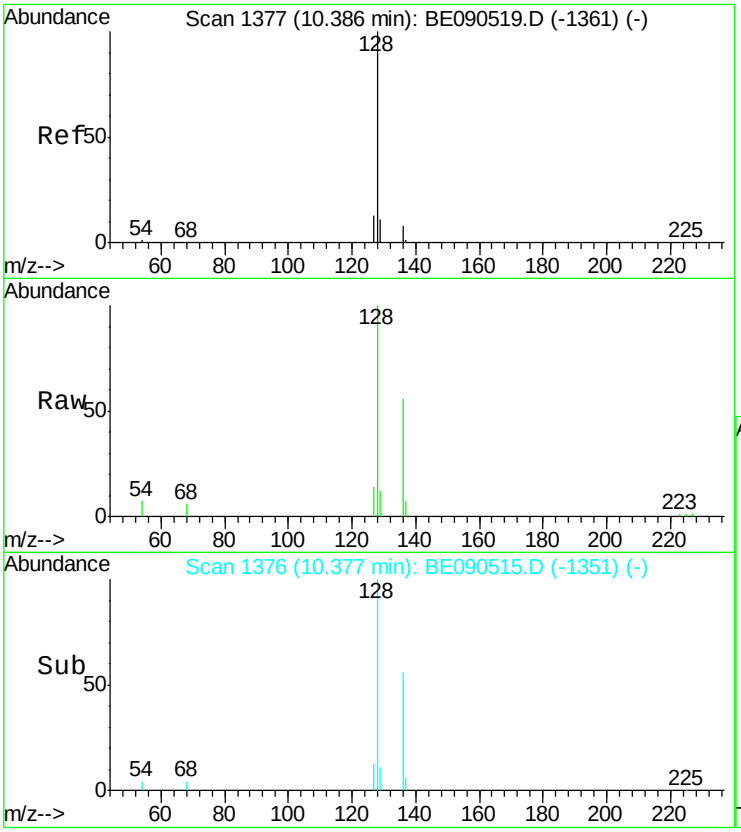


#8
Nitrobenzene
Concen: 0.11 ng
RT: 8.77 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Tgt Ion: 77 Resp: 1767

Ion	Ratio	Lower	Upper
77	100		
123	31.1	25.1	37.7
65	13.8	9.3	13.9



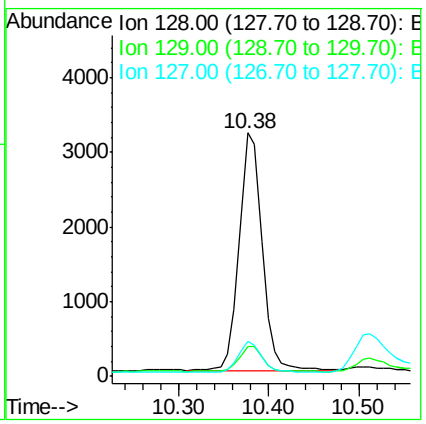


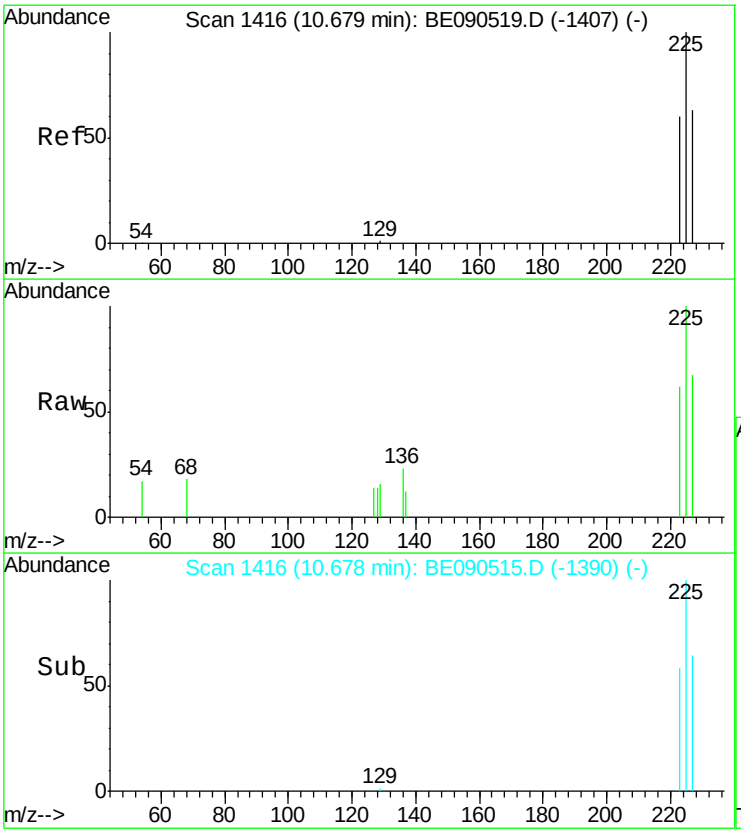
#9
Naphthalene
Concen: 0.12 ng
RT: 10.38 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 5606

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.8	14.6
127	14.1	10.6	16.0

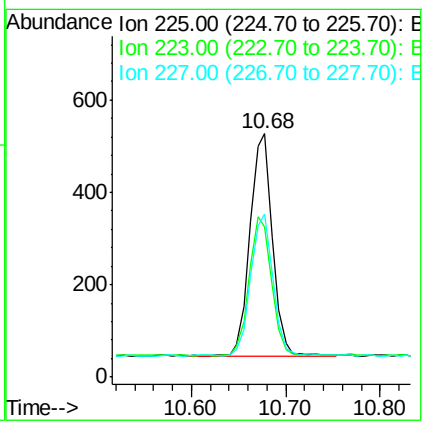


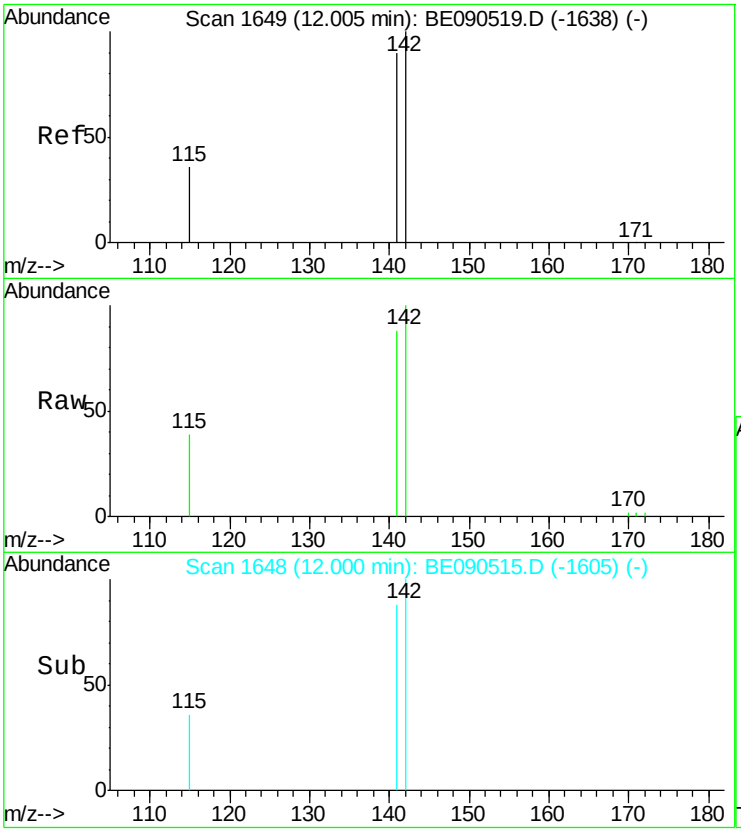


#10
Hexachlorobutadiene
Concen: 0.12 ng
RT: 10.68 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Tgt Ion:225 Resp: 808

Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.6	75.8
227	63.1	50.7	76.1



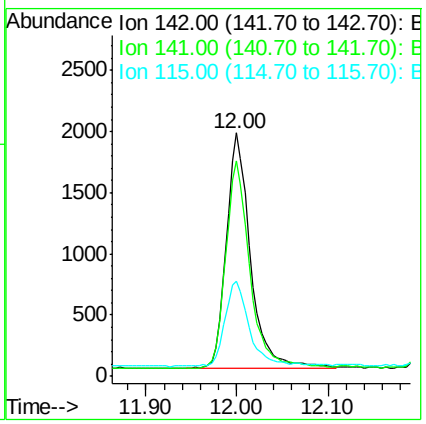


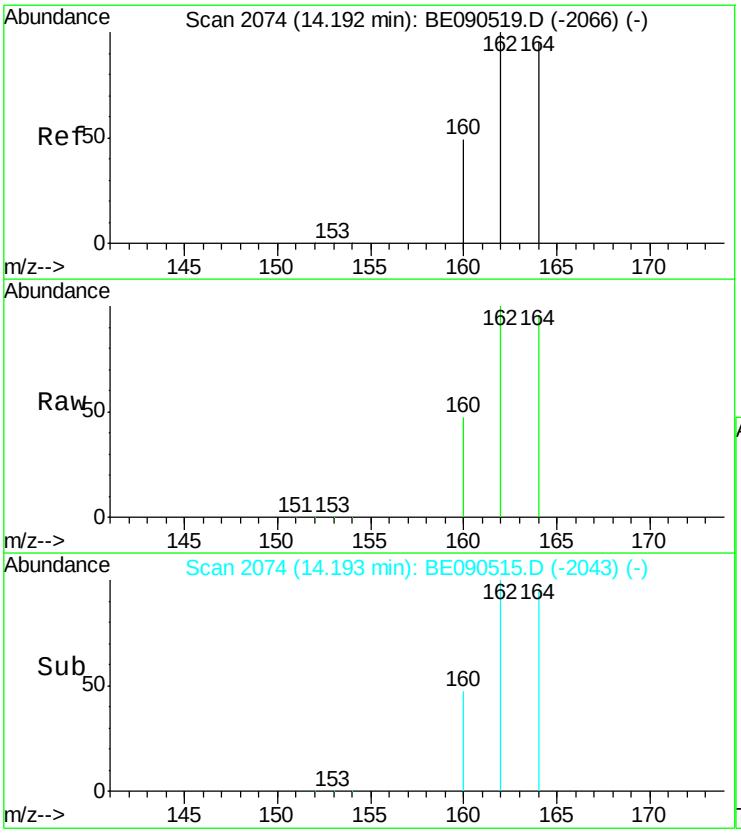
#11
2-Methylnaphthalene
Concen: 0.12 ng
RT: 12.00 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:142 Resp: 3550

Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.6	109.0
115	38.9	31.6	47.4

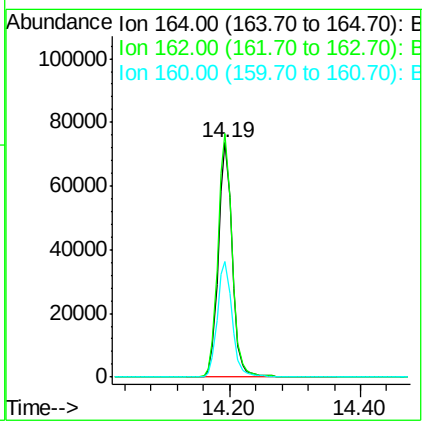


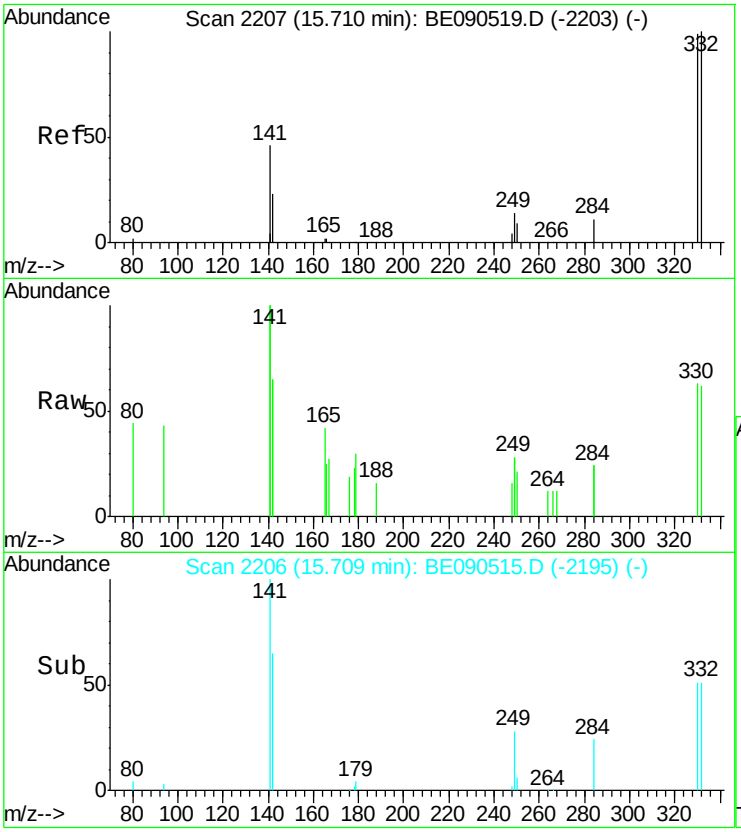


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Tgt Ion:164 Resp: 108062

Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.8	122.8
160	49.2	44.2	66.4



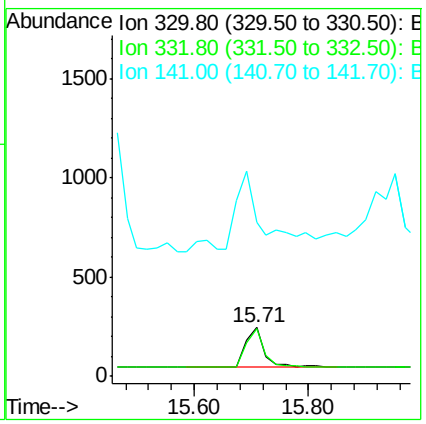


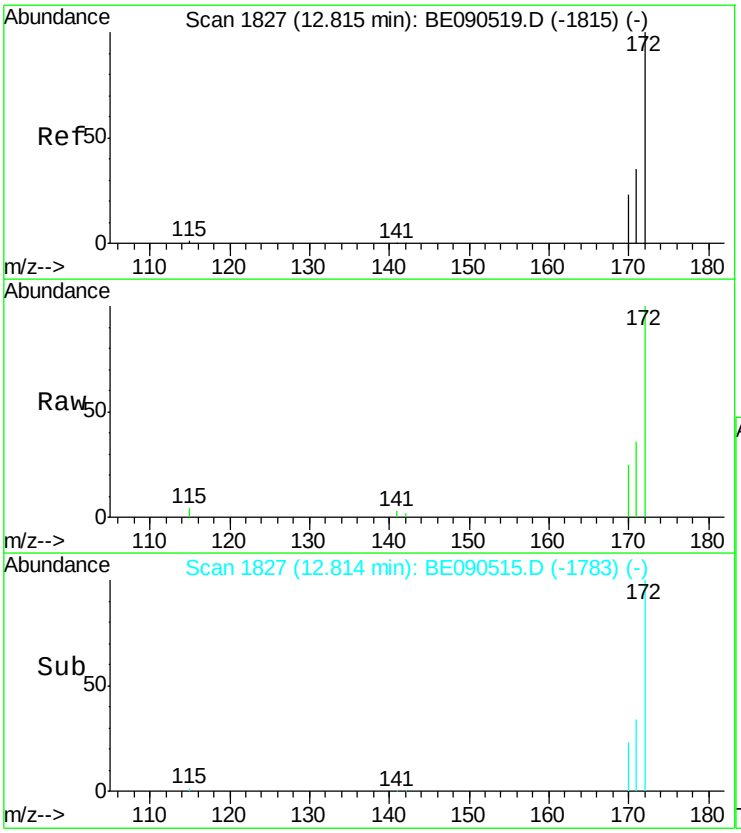
#13
2,4,6-Tribromophenol
Concen: 0.12 ng
RT: 15.71 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:330 Resp: 483

Ion	Ratio	Lower	Upper
330	100		
332	93.4	75.8	113.6
141	330.6	114.4	171.6#

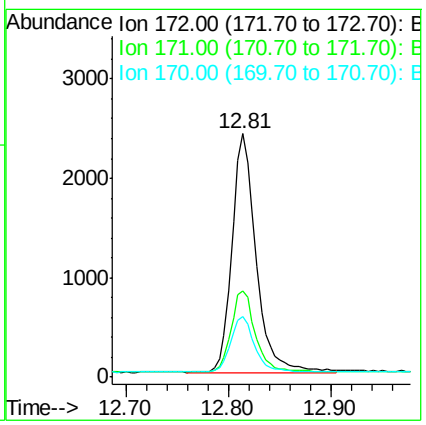


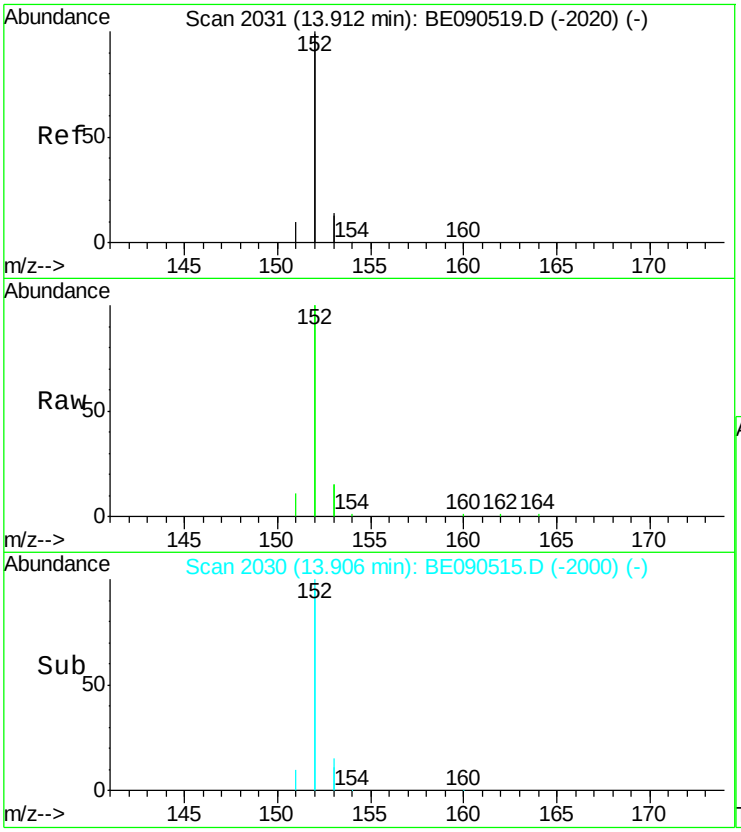


#14
2-Fluorobiphenyl
Concen: 0.12 ng
RT: 12.81 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Tgt Ion:172 Resp: 3904

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	24.6	19.8	29.8



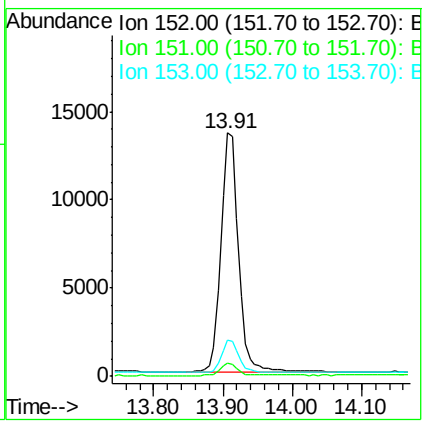


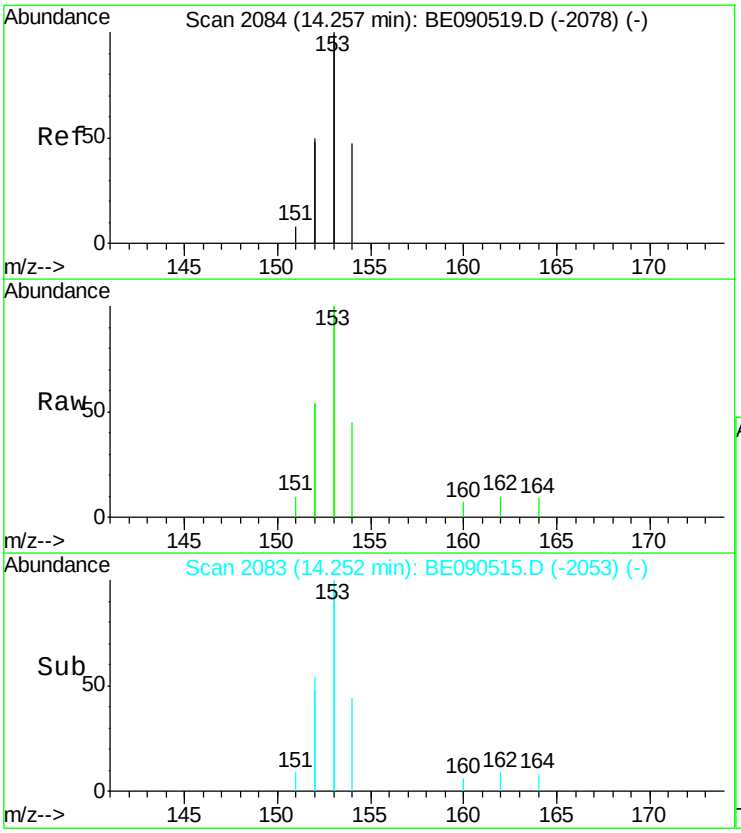
#15
Acenaphthylene
Concen: 0.12 ng
RT: 13.91 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 23727

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.8	5.8
153	13.1	10.3	15.5

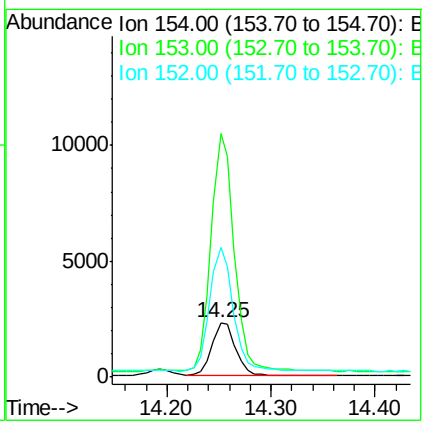


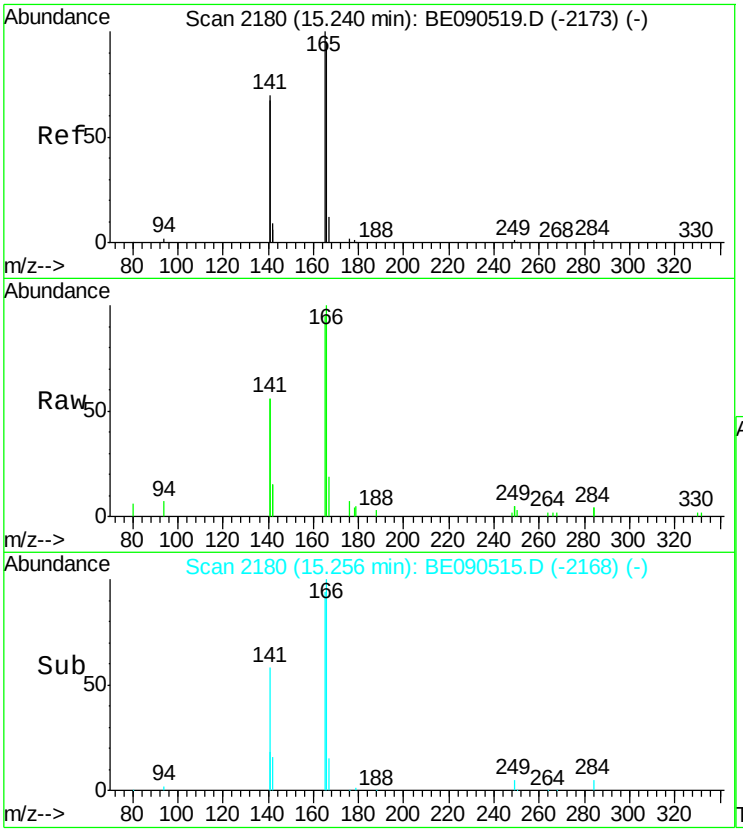


#16
Acenaphthene
Concen: 0.12 ng
RT: 14.25 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Tgt Ion:154 Resp: 3653

Ion	Ratio	Lower	Upper
154	100		
153	431.6	376.2	564.2
152	229.4	235.0	352.4#



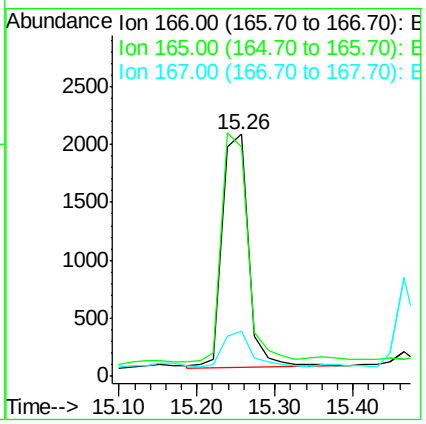


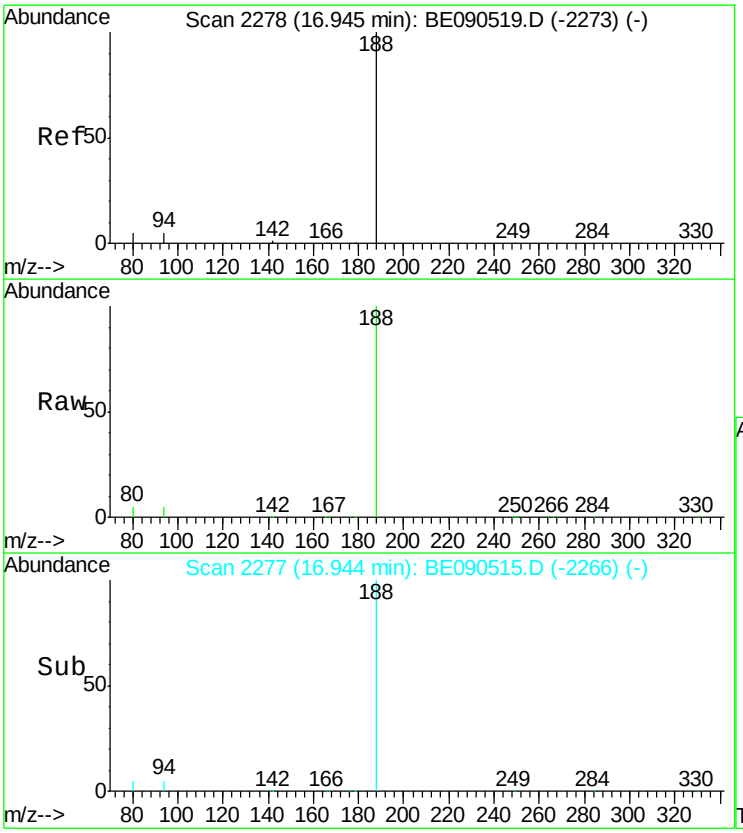
#17
Fluorene
Concen: 0.12 ng
RT: 15.26 min Scan# 2180
Delta R.T. 0.02 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:166 Resp: 4628

Ion	Ratio	Lower	Upper
166	100		
165	99.1	81.5	122.3
167	17.0	11.4	17.0

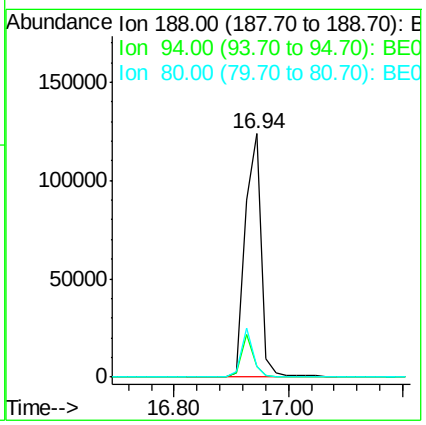


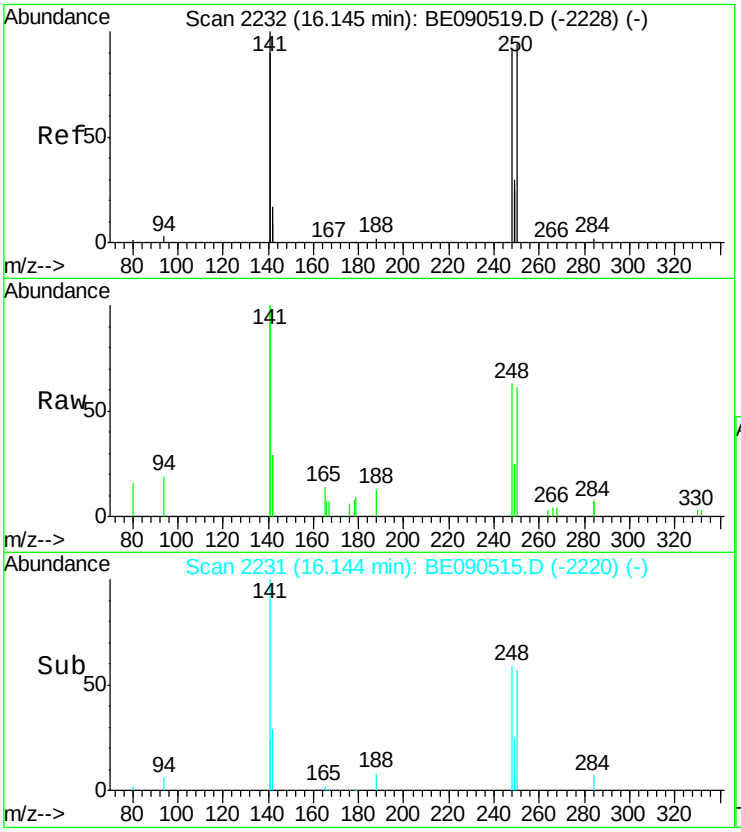


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Tgt Ion:188 Resp: 240349

Ion	Ratio	Lower	Upper
188	100		
94	4.6	5.7	8.5#
80	4.6	5.8	8.8#



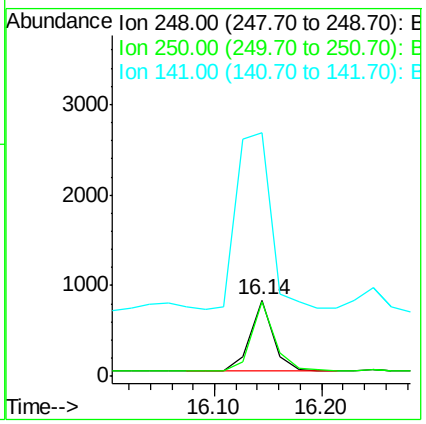


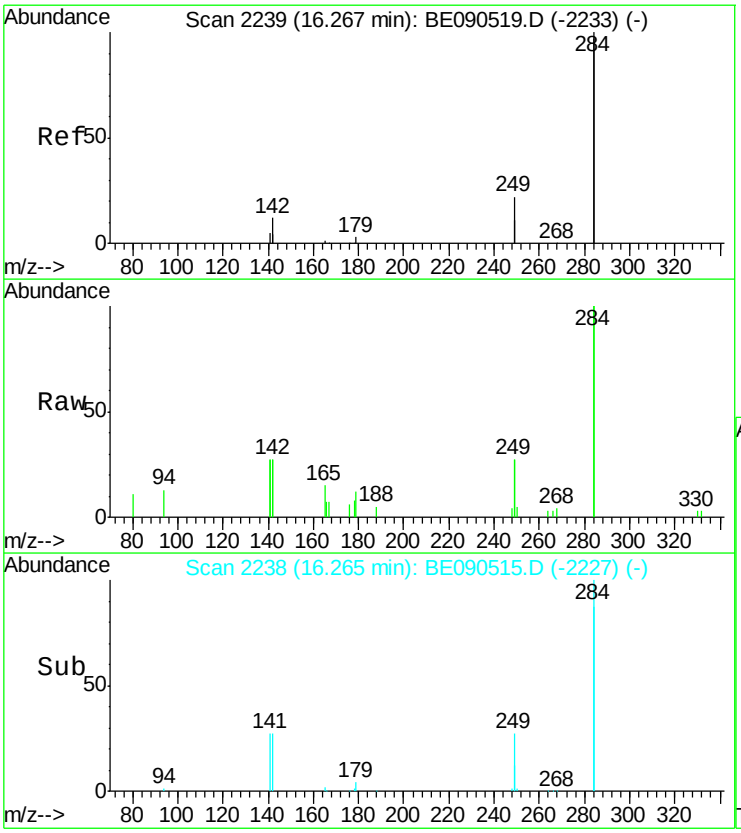
#19
4-Bromophenyl-phenylether
Concen: 0.12 ng
RT: 16.14 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 1206

Ion	Ratio	Lower	Upper
248	100		
250	97.6	79.0	118.6
141	359.1	239.5	359.3

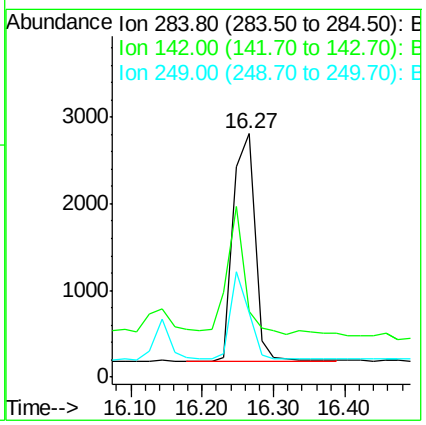


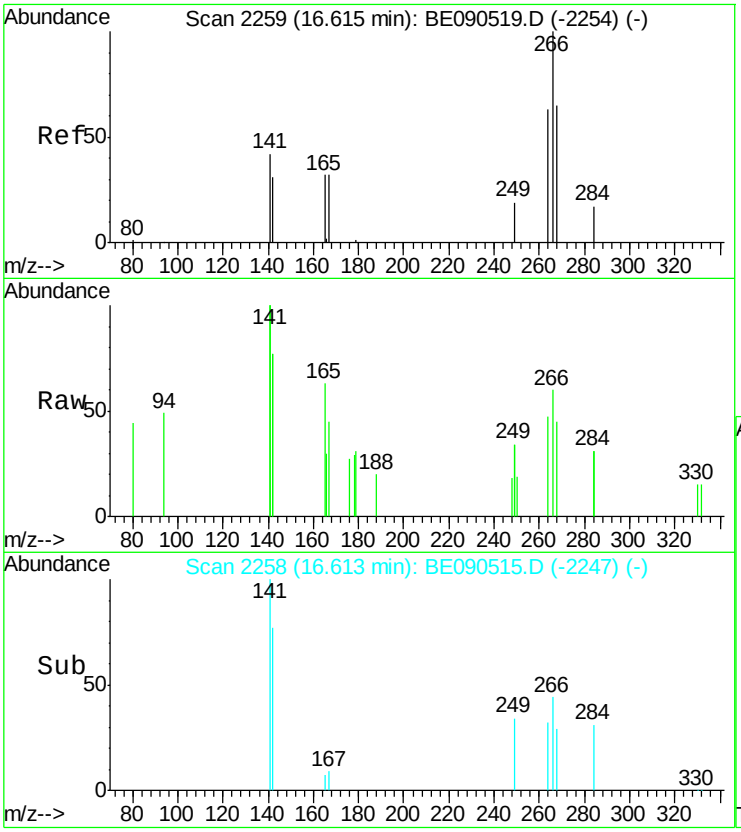


#20
Hexachlorobenzene
Concen: 0.12 ng
RT: 16.27 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Tgt Ion:284 Resp: 5478

Ion	Ratio	Lower	Upper
284	100		
142	45.4	30.1	45.1#
249	32.1	25.7	38.5



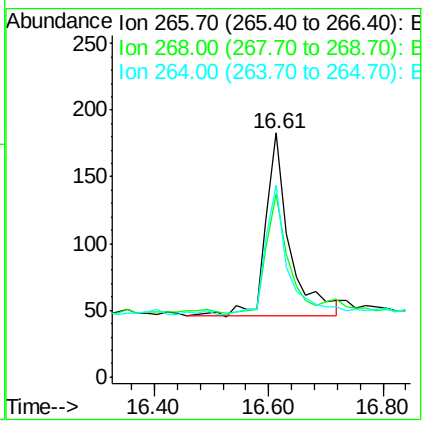


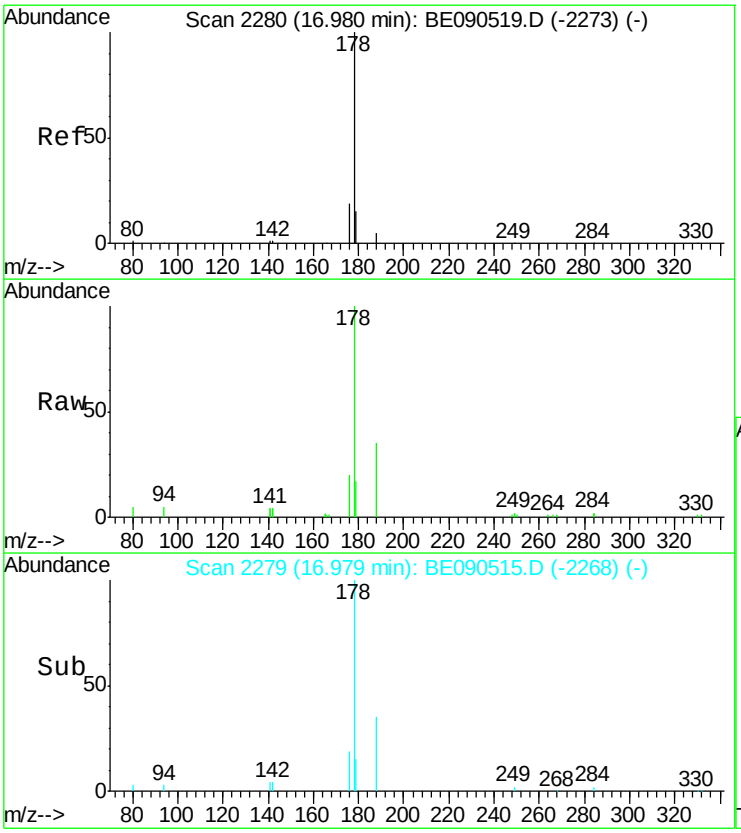
#21
Pentachlorophenol
Concen: 0.12 ng
RT: 16.61 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:266 Resp: 392

Ion	Ratio	Lower	Upper
266	100		
268	74.9	58.5	87.7
264	78.7	56.0	84.0

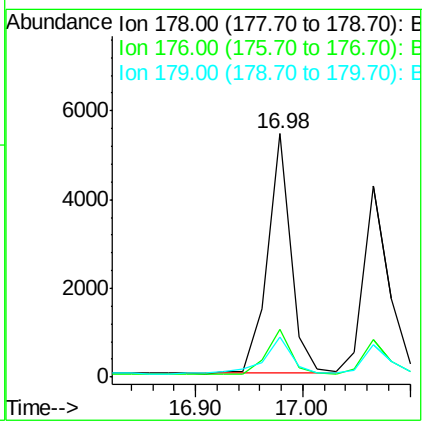


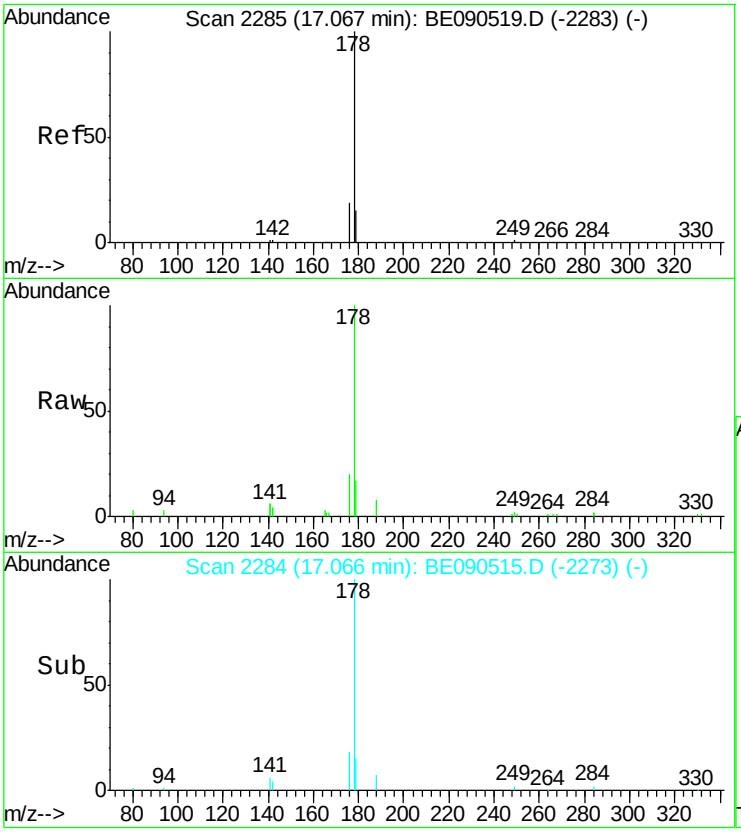


#22
Phenanthrene
Concen: 0.12 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Tgt Ion:178 Resp: 8297

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	18.5	12.5	18.7



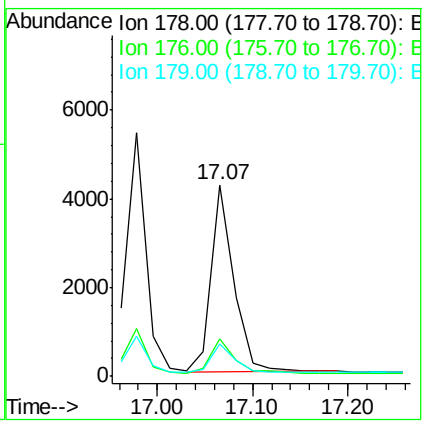


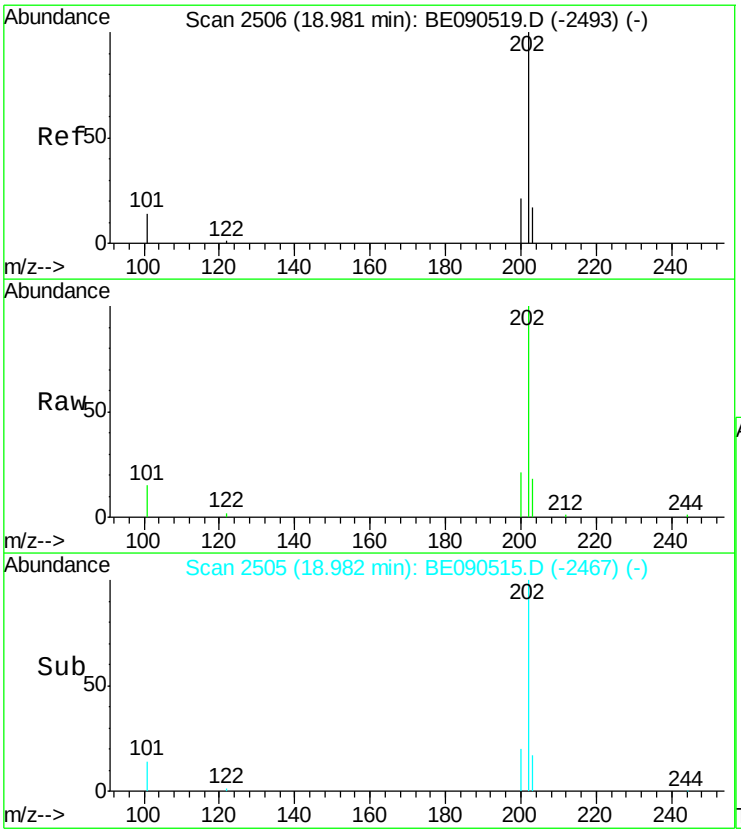
#23
Anthracene
Concen: 0.12 ng
RT: 17.07 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 6976

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.4	12.2	18.4

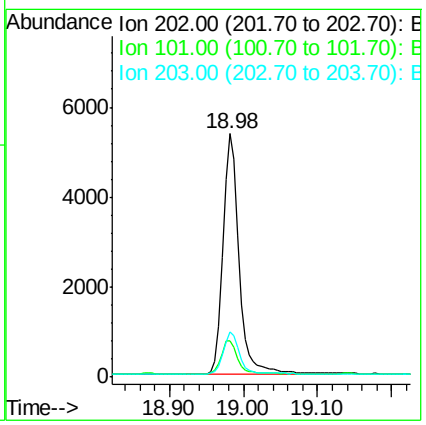


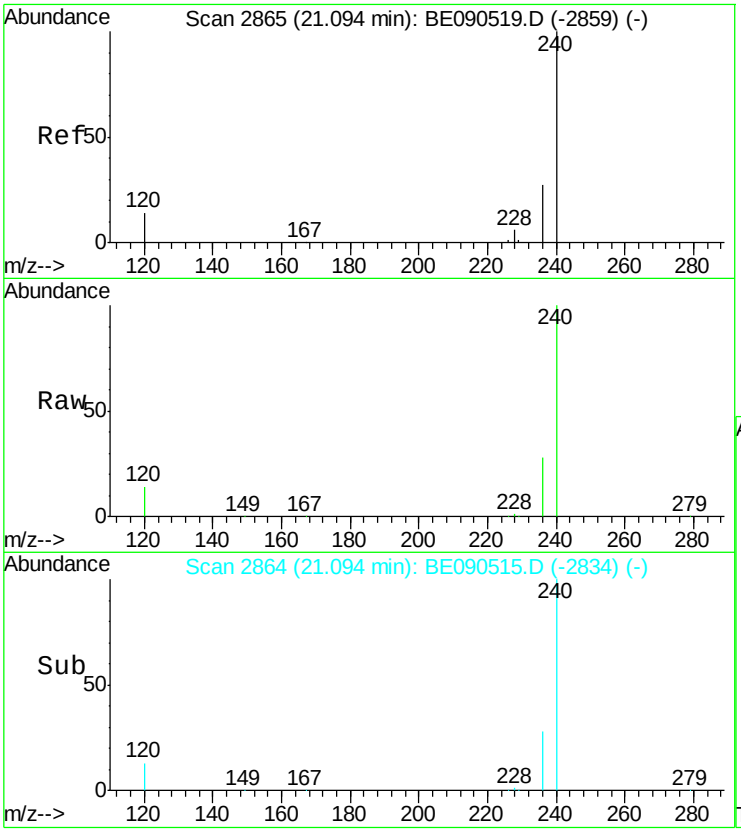


#24
Fluoranthene
Concen: 0.12 ng
RT: 18.98 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Tgt Ion:202 Resp: 8283

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.3	15.5
203	17.6	13.7	20.5



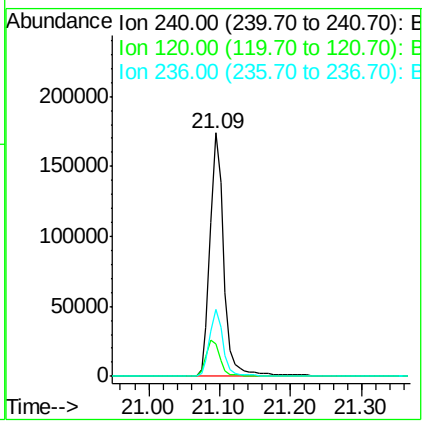


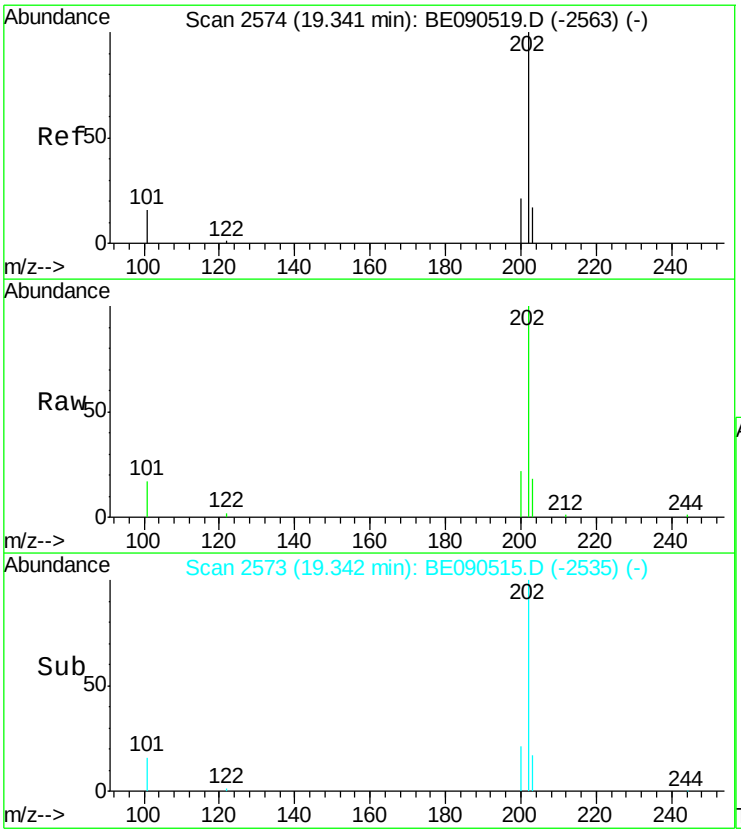
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2864
Delta R.T. 0.00 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 237310

Ion	Ratio	Lower	Upper
240	100		
120	13.5	8.3	12.5#
236	27.6	21.0	31.4

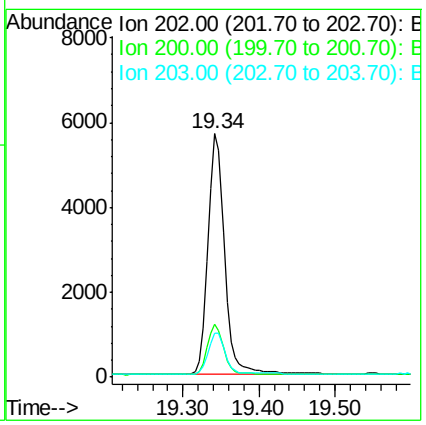


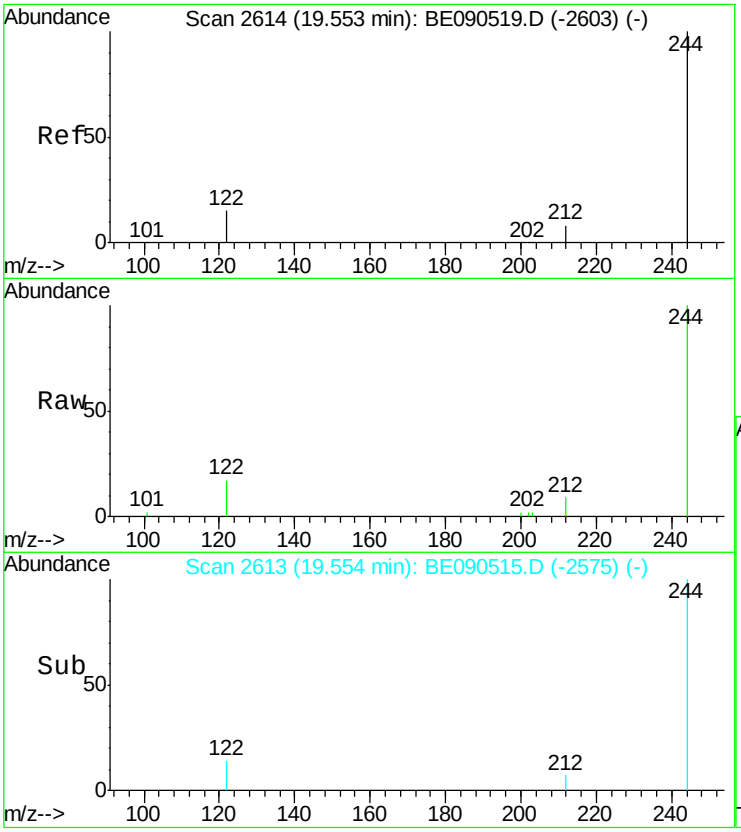


#26
Pyrene
Concen: 0.12 ng
RT: 19.34 min Scan# 2573
Delta R.T. 0.00 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Tgt Ion:202 Resp: 8618

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



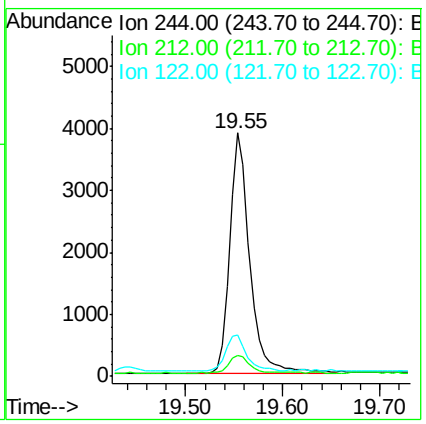


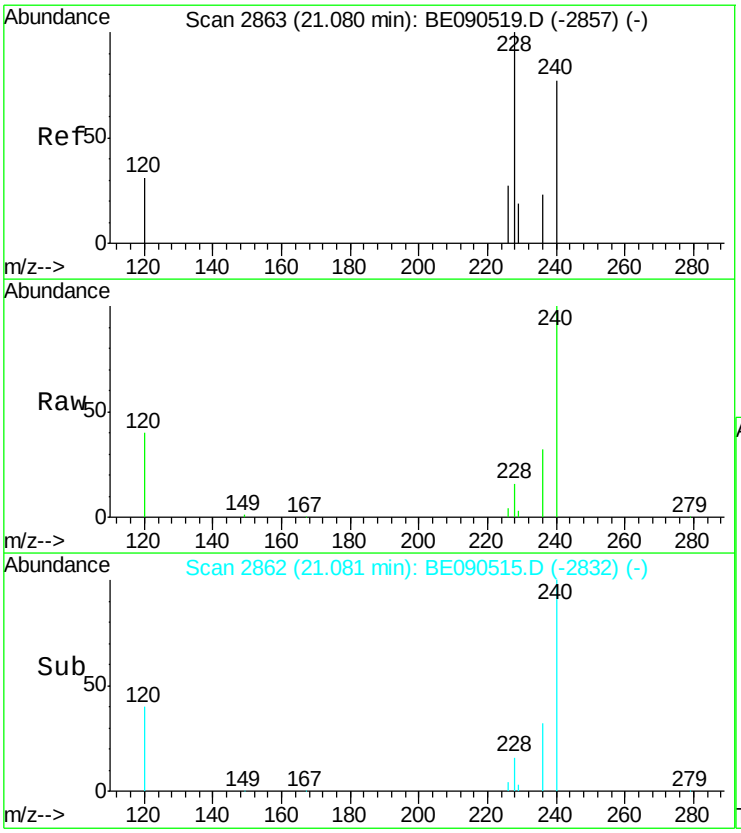
#27
Terphenyl-d14
Concen: 0.12 ng
RT: 19.55 min Scan# 2613
Delta R.T. 0.00 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 5421

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.6	9.8
122	17.0	10.2	15.4#

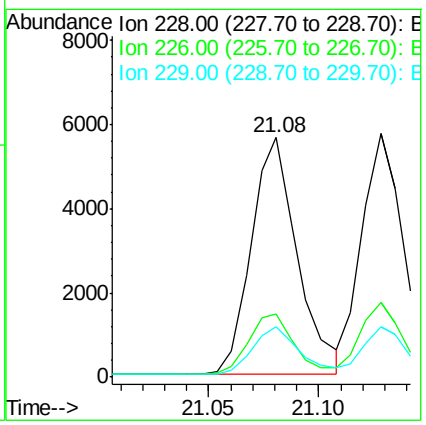


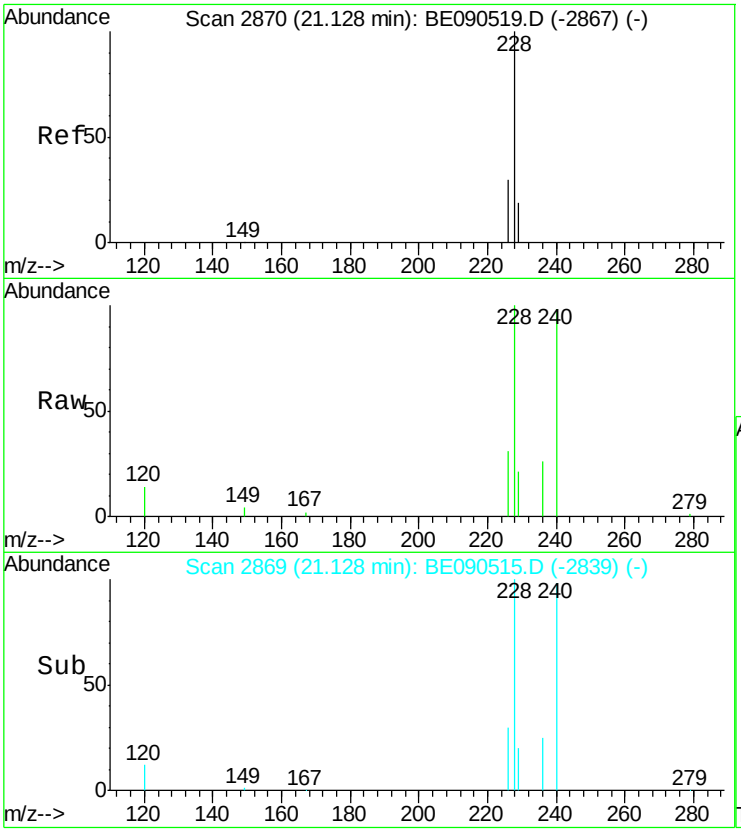


#28
Benzo(a)anthracene
Concen: 0.12 ng
RT: 21.08 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Tgt Ion:228 Resp: 8217

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.9	32.9
229	21.1	15.4	23.0



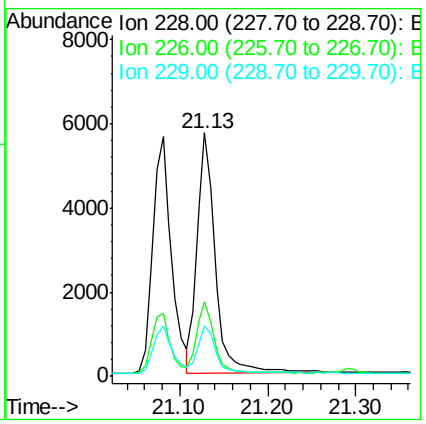


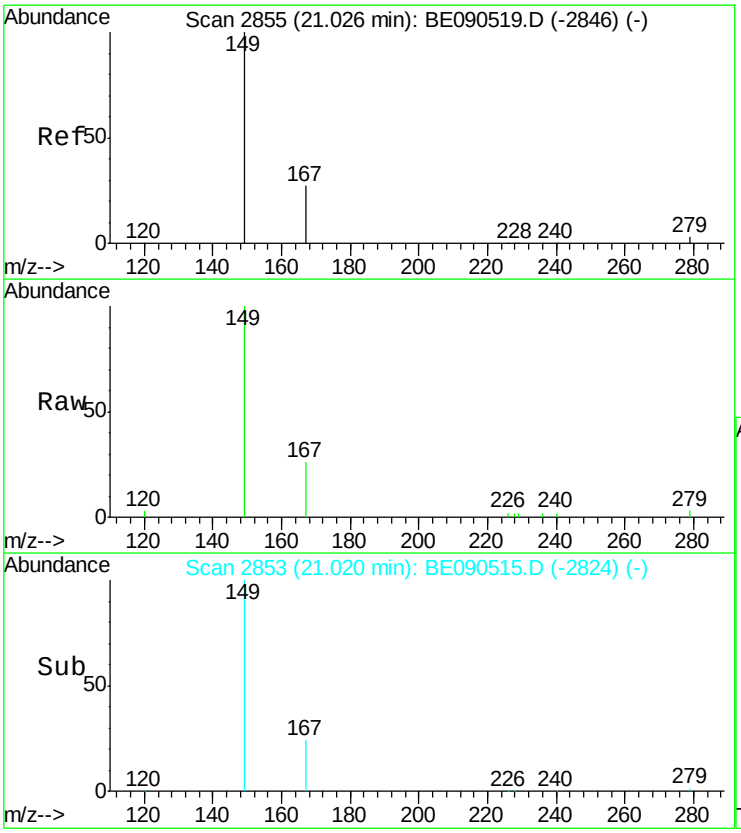
#29
Chrysene
Concen: 0.12 ng
RT: 21.13 min Scan# 2869
Delta R.T. 0.00 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 8120

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.1	34.7
229	20.5	15.8	23.8

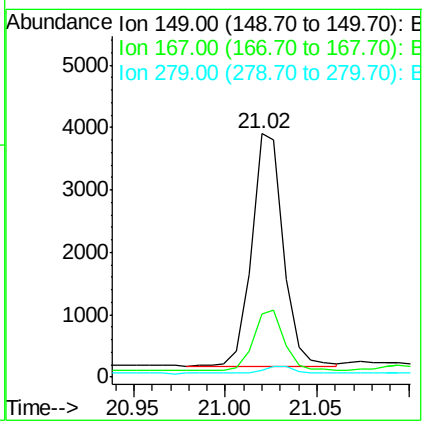


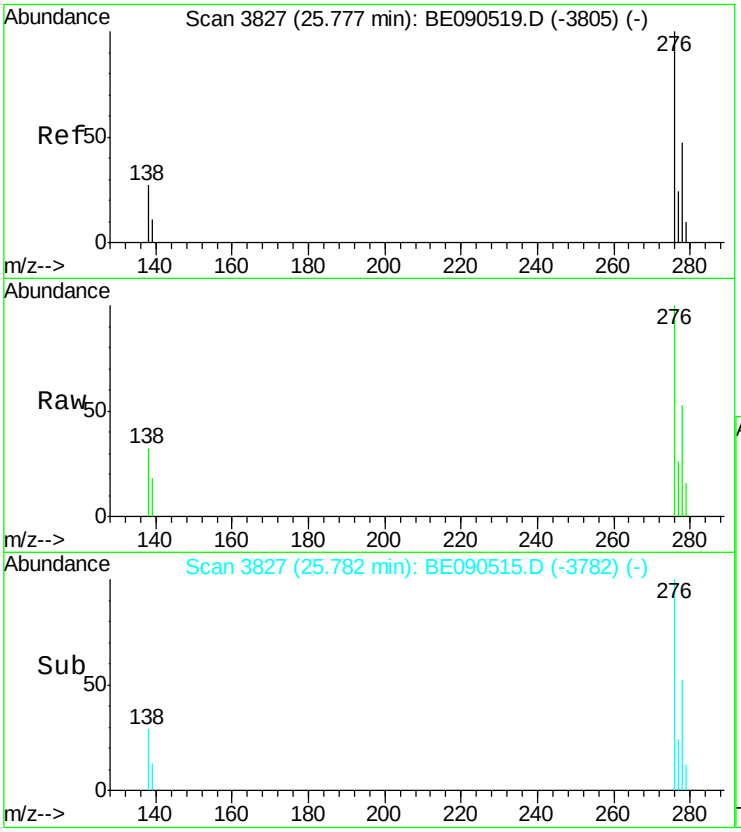


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.13 ng
RT: 21.02 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Tgt Ion:149 Resp: 4465

Ion	Ratio	Lower	Upper
149	100		
167	25.8	19.8	29.8
279	3.0	2.4	3.6



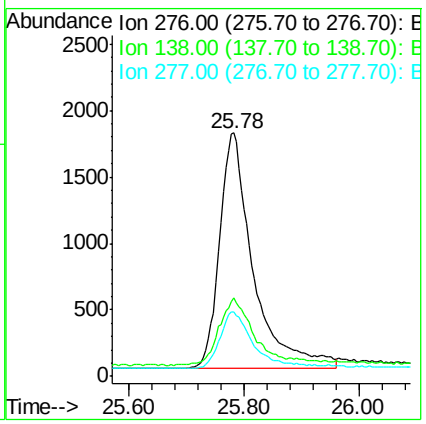


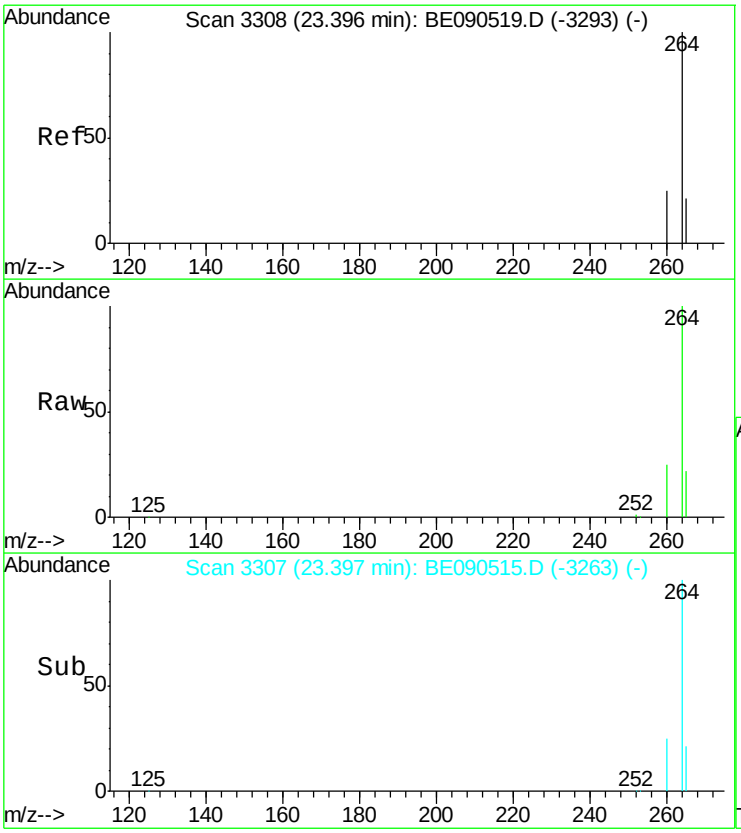
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.12 ng
RT: 25.78 min Scan# 3827
Delta R.T. 0.01 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 7294

Ion	Ratio	Lower	Upper
276	100		
138	28.0	18.8	28.2
277	24.1	18.2	27.4

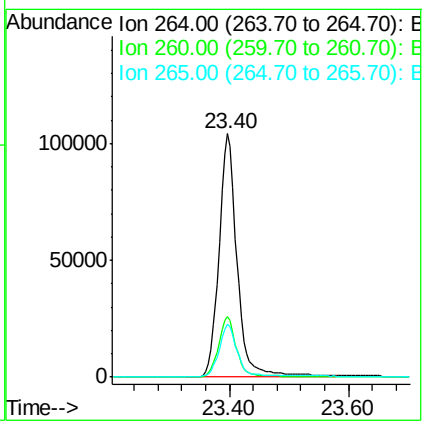


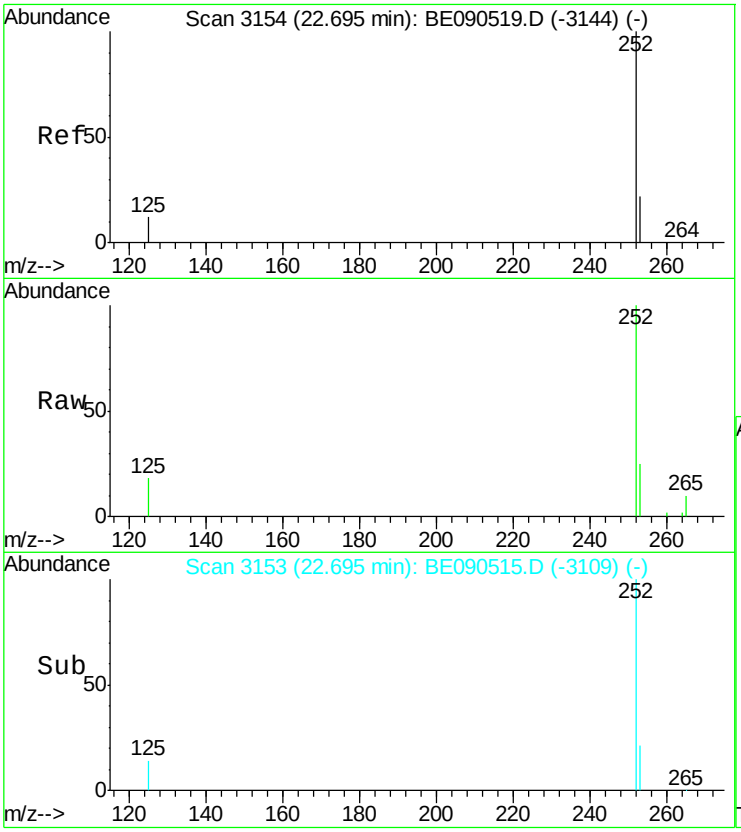


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3307
Delta R.T. 0.00 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Tgt Ion:264 Resp: 220355

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	21.7	17.2	25.8



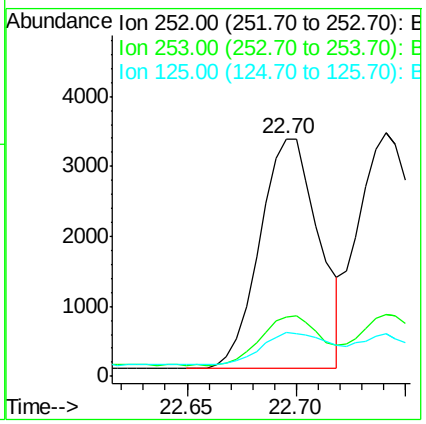


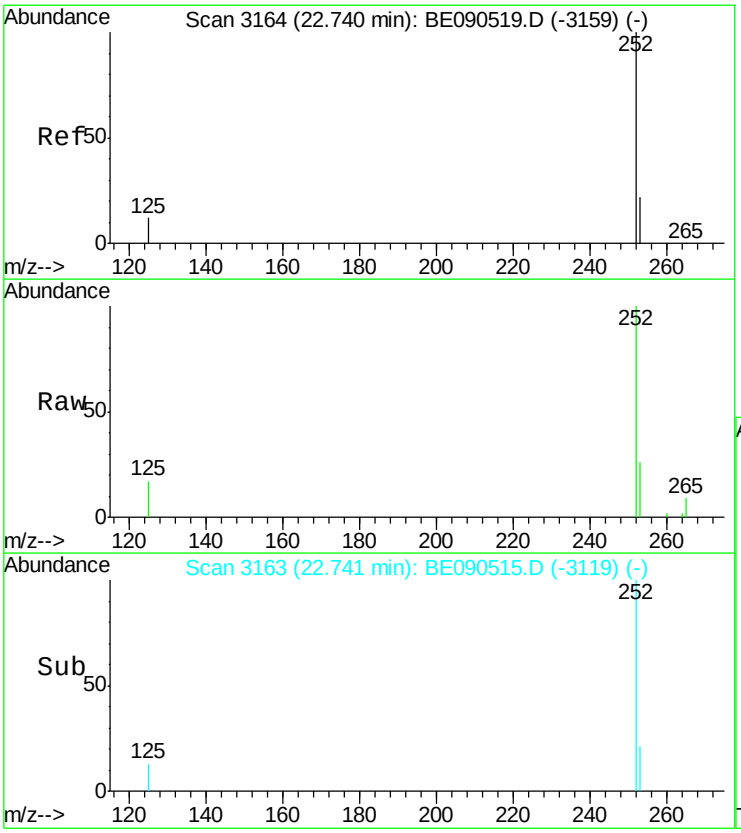
#33
Benzo(b)fluoranthene
Concen: 0.11 ng
RT: 22.70 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 6177

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.1	27.1
125	18.4	9.4	14.2#

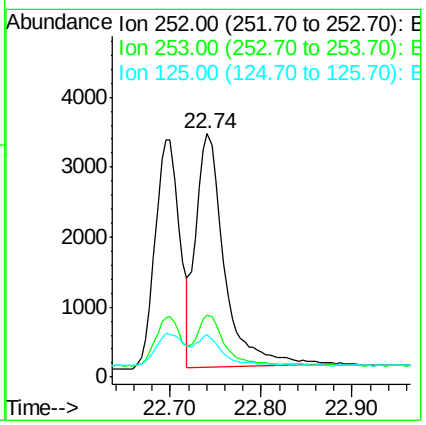


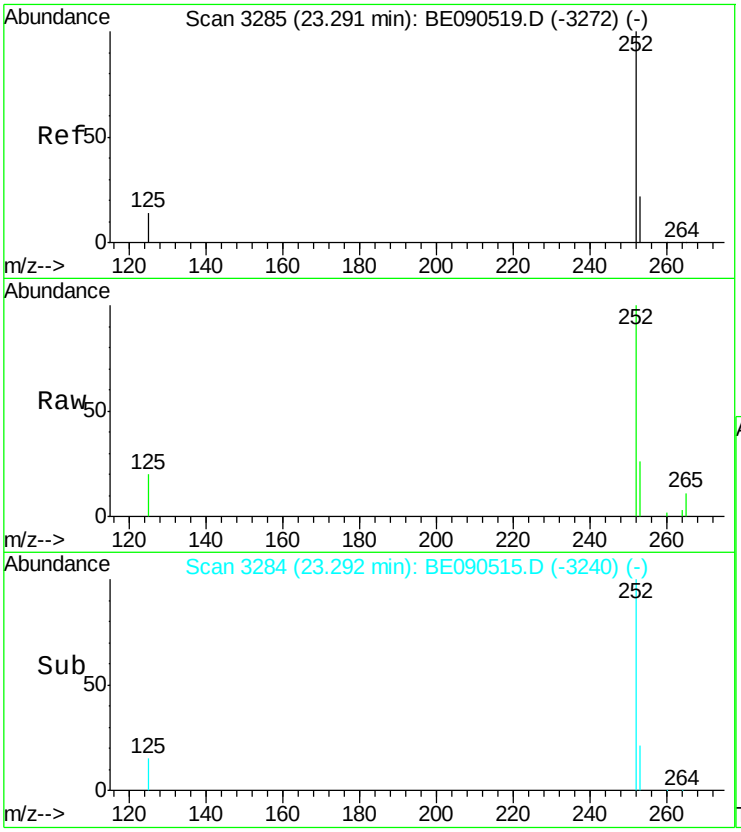


#34
Benzo(k)fluoranthene
Concen: 0.12 ng
RT: 22.74 min Scan# 3163
Delta R.T. 0.00 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Tgt Ion:252 Resp: 7268

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.1	27.1
125	17.4	9.1	13.7#



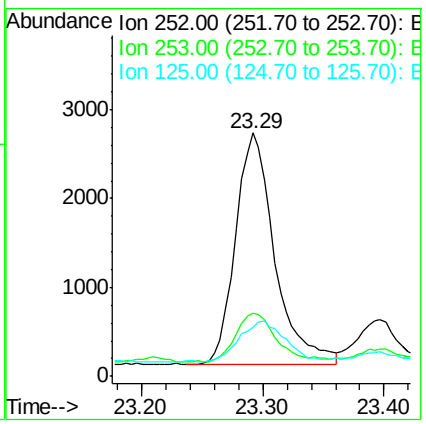


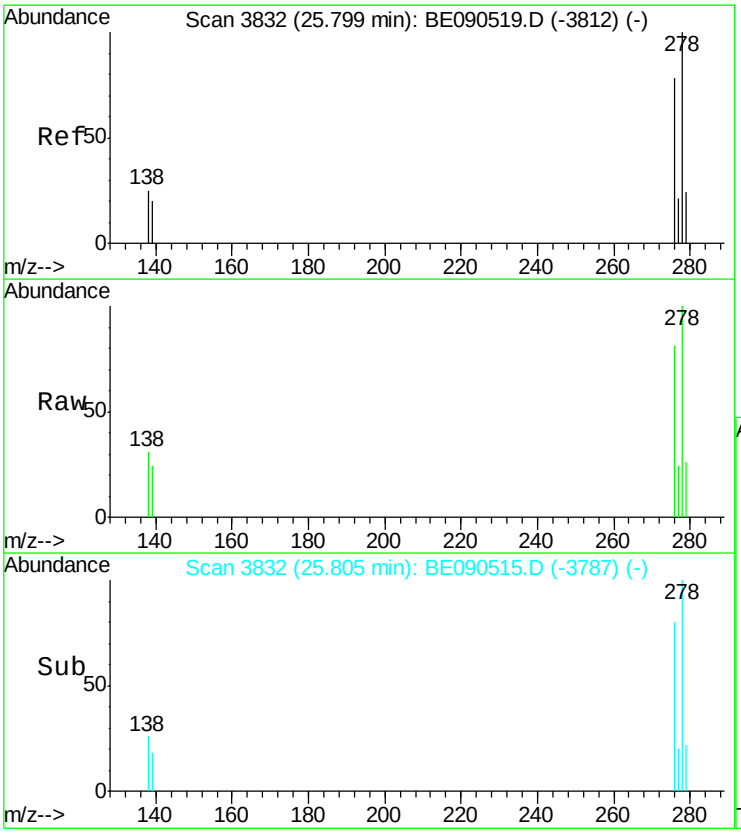
#35
Benzo(a)pyrene
Concen: 0.12 ng
RT: 23.29 min Scan# 3284
Delta R.T. 0.00 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 5854

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.6	26.4
125	20.2	9.8	14.6#

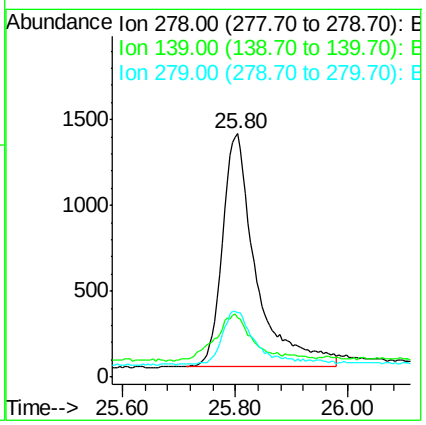


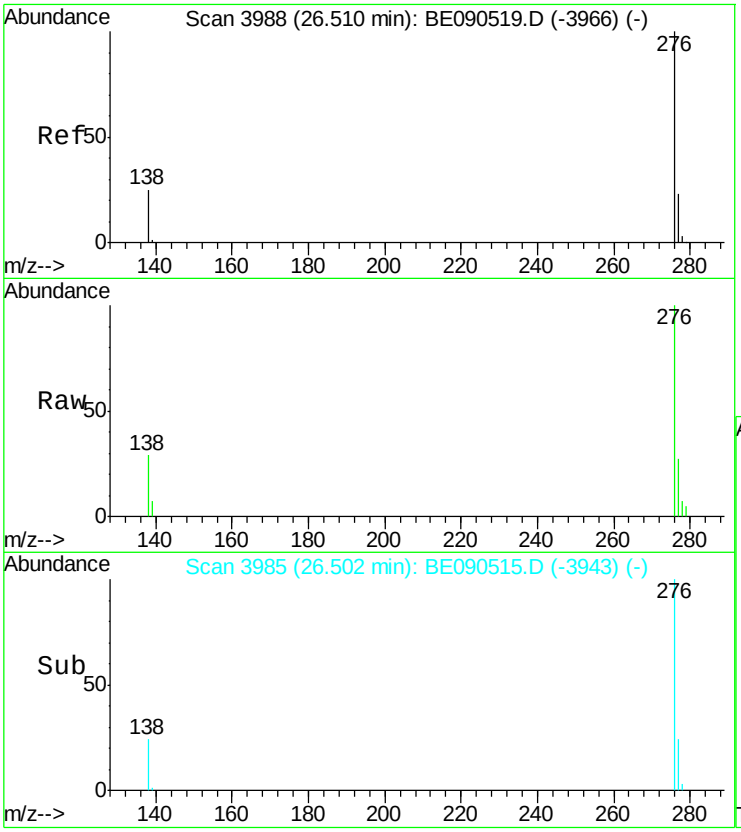


#36
Dibenzo(a,h)anthracene
Concen: 0.12 ng
RT: 25.80 min Scan# 3832
Delta R.T. 0.01 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Tgt Ion:278 Resp: 5572

Ion	Ratio	Lower	Upper
278	100		
139	24.1	14.2	21.4#
279	26.3	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 0.12 ng
RT: 26.50 min Scan# 3985
Delta R.T. -0.01 min
Lab File: BE090515.D
Acq: 14 Aug 2015 11:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 6165

Ion	Ratio	Lower	Upper
276	100		
277	26.7	20.1	30.1
138	29.4	18.1	27.1#