Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
Data File : BE090523.D
Acq On : 14 Aug 2015 16:43
Operator : UM/IZ
Sample : SSTDICV001
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : ICVBE081415

Quant Time: Aug 17 04:17:49 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 16:52:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	29257	5.00	ng		0.00
6) Naphthalene-d8	10.33	136	144239	5.00	ng		0.00
12) Acenaphthene-d10	14.19	164	78771	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	175325	5.00	ng		0.00
25) Chrysene-d12	21.09	240	174570	5.00	ng		0.00
32) Perylene-d12	23.39	264	158347	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	8014	0.95	ng		0.00
5) Phenol-d6	6.77	99	11963	0.96	ng		0.00
7) Nitrobenzene-d5	8.72	82	11160	0.97	ng		0.00
13) 2,4,6-Tribromophenol	15.69	330	2780	0.92	ng		-0.02
14) 2-Fluorobiphenyl	12.82	172	22935	0.97	ng		0.00
27) Terphenyl-d14	19.55	244	31148	0.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	3748	1.07	ng		96
3) n-Nitrosodimethylamine	3.49	42	4855	0.96	ng	#	72
8) Nitrobenzene	8.76	77	11515	0.97	ng		96
9) Naphthalene	10.39	128	31616	0.96	ng		98
10) Hexachlorobutadiene	10.68	225	4752	0.99	ng		99
11) 2-Methylnaphthalene	12.00	142	20632	0.97	ng		99
15) Acenaphthylene	13.91	152	139639	0.97	ng		100
16) Acenaphthene	14.26	154	21098	0.97	ng	#	78
17) Fluorene	15.24	166	26287	0.99	ng		98
19) 4-Bromophenyl-phenylether	16.14	248	6972	0.97	ng		83
20) Hexachlorobenzene	16.25	284	30753	0.97	ng		97
21) Pentachlorophenol	16.61	266	2347	0.88	ng		95
22) Phenanthrene	16.98	178	43119	0.94	ng		100
23) Anthracene	17.07	178	40890	0.96	ng		100
24) Fluoranthene	18.98	202	46653	0.95	ng		99
26) Pyrene	19.34	202	48326	0.97	ng		100
28) Benzo(a)anthracene	21.08	228	43431	0.95	ng		98
29) Chrysene	21.13	228	45463	0.97	ng		98
30) Bis(2-ethylhexyl)phthalate	21.03	149	21535	0.90	ng		98
31) Indeno(1,2,3-cd)pyrene	25.77	276	43474	0.98	ng	#	92
33) Benzo(b)fluoranthene	22.70	252	35844	0.96	ng		99
34) Benzo(k)fluoranthene	22.74	252	43280	1.02	ng		99
35) Benzo(a)pyrene	23.29	252	34262	0.98	ng	#	97
36) Dibenzo(a,h)anthracene	25.80	278	33775	1.00	ng		97
37) Benzo(g,h,i)perylene	26.51	276	36555	0.99	ng		96

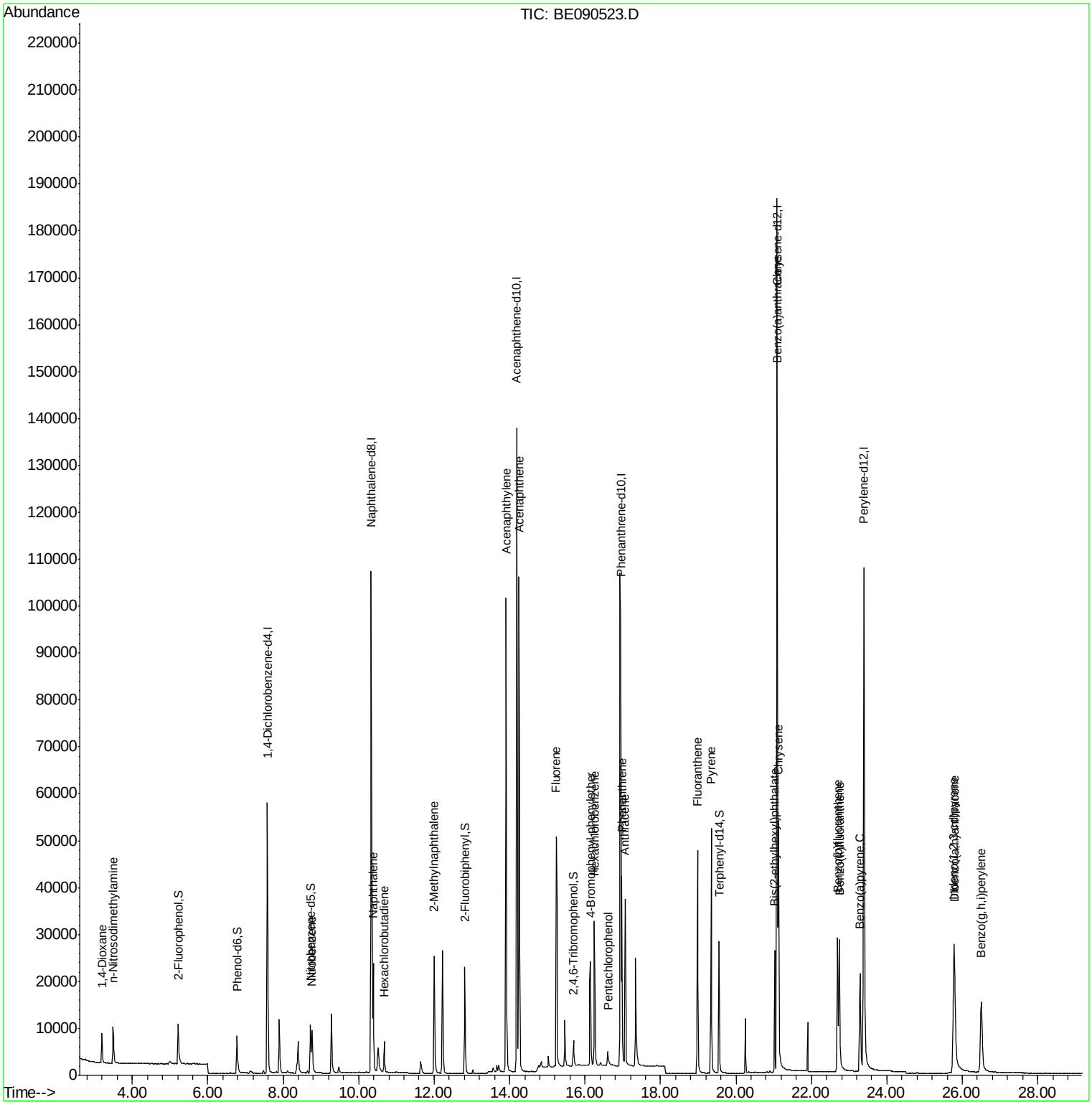
(#) = qualifier out of range (m) = manual integration (+) = signals summed

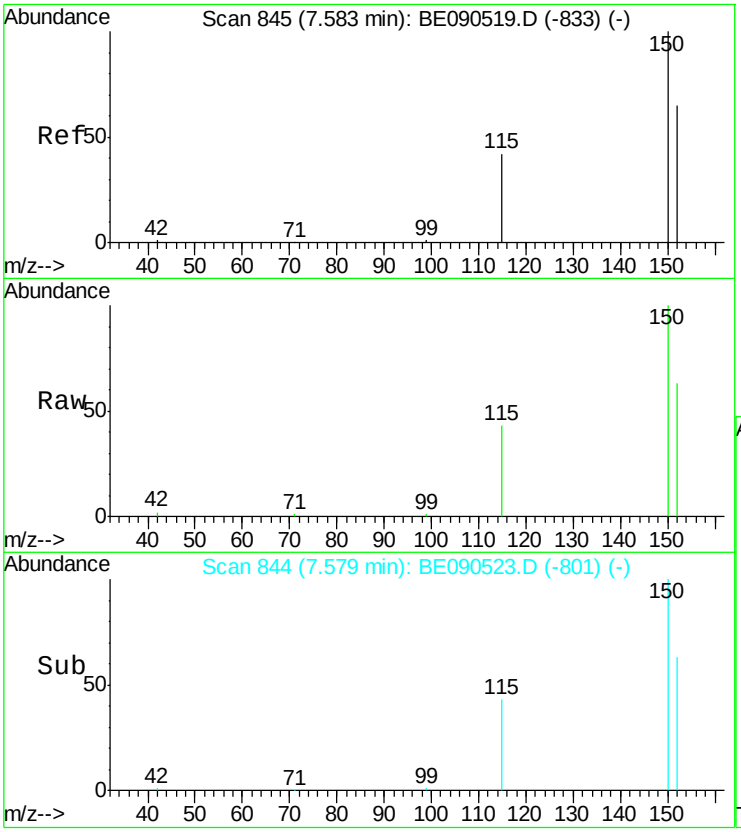
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
Data File : BE090523.D
Acq On : 14 Aug 2015 16:43
Operator : UM/IZ
Sample : SSTDICV001
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
ICVBE081415

Quant Time: Aug 17 04:17:49 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 16:52:42 2015
Response via : Initial Calibration



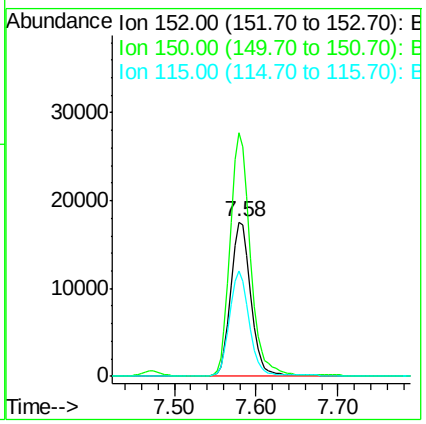


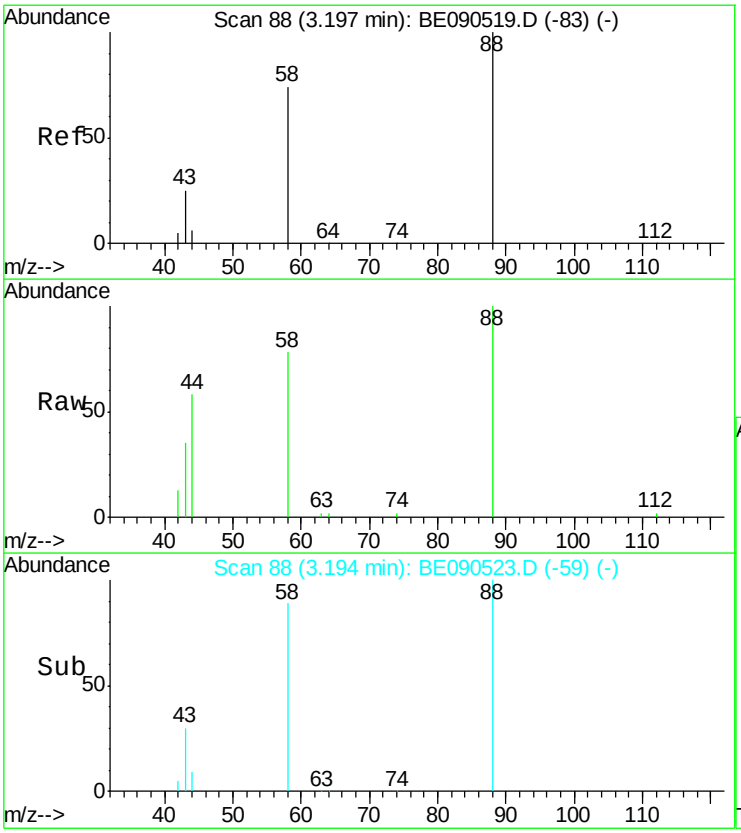
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Instrument :
BNA_E
ClientSampleId :
ICVBE081415

Tgt Ion:152 Resp: 29257

Ion	Ratio	Lower	Upper
152	100		
150	157.8	123.0	184.4
115	68.0	48.9	73.3

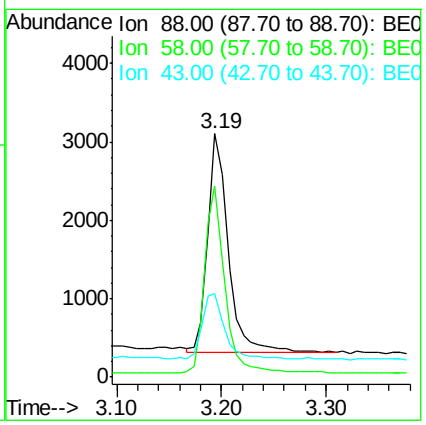


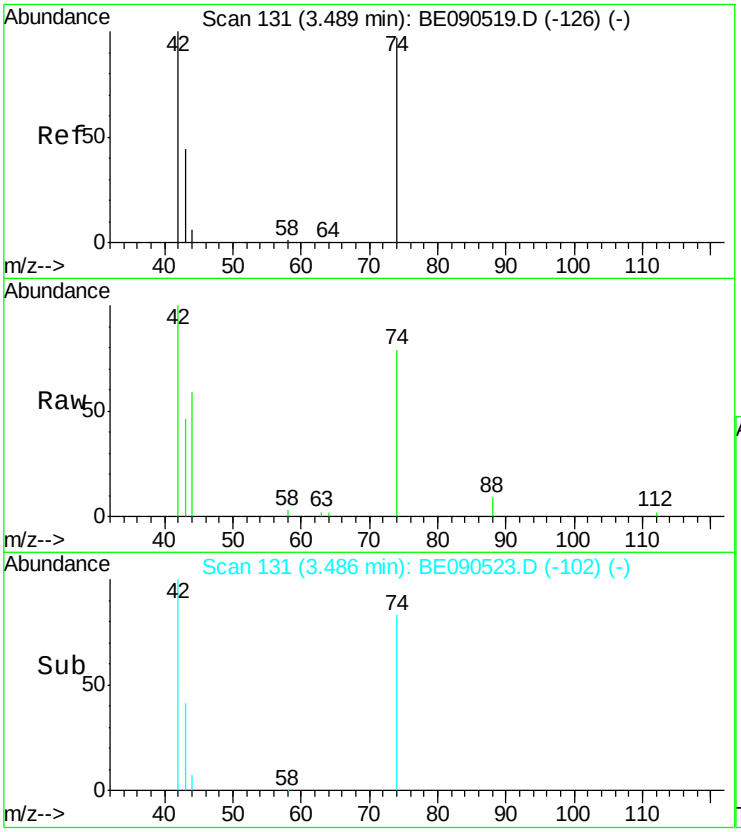


#2
1,4-Dioxane
Concen: 1.07 ng
RT: 3.19 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Tgt Ion: 88 Resp: 3748

Ion	Ratio	Lower	Upper
88	100		
58	83.2	70.0	105.0
43	33.2	28.4	42.6



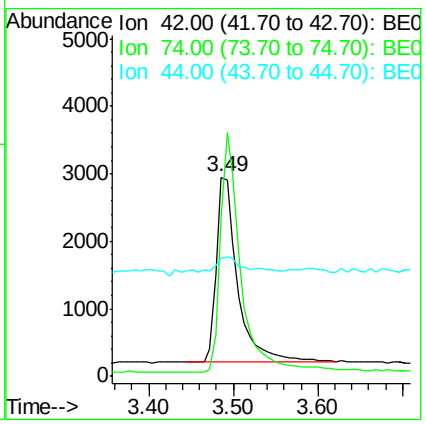


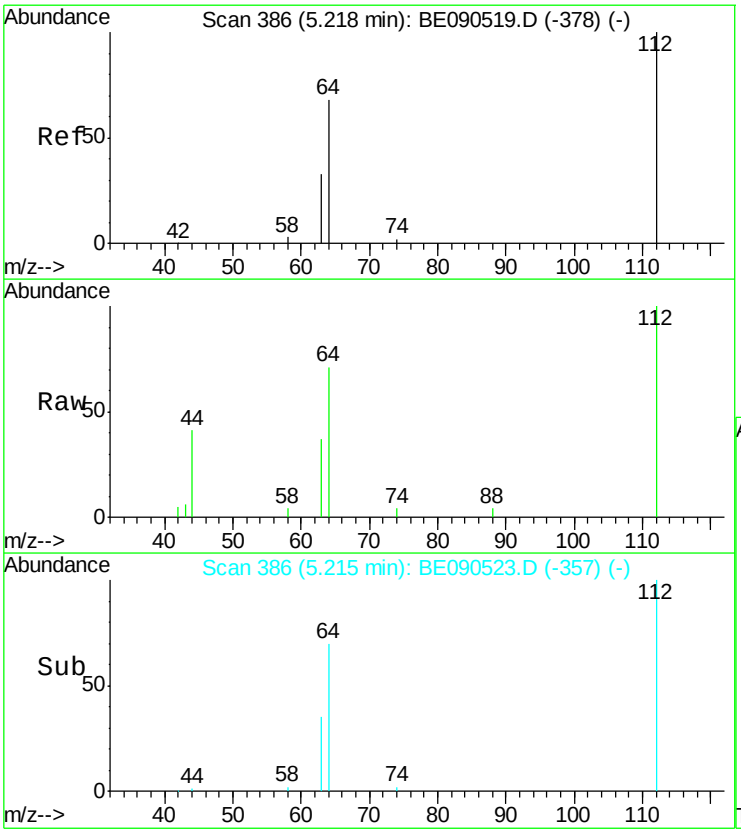
#3
n-Nitrosodimethylamine
Concen: 0.96 ng
RT: 3.49 min Scan# 131
Delta R.T. -0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Instrument :
BNA_E
ClientSampleId :
ICVBE081415

Tgt Ion: 42 Resp: 4855

Ion	Ratio	Lower	Upper
42	100		
74	123.6	75.2	112.8#
44	11.8	8.7	13.1

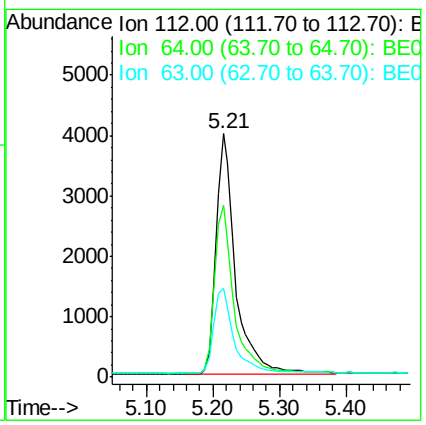


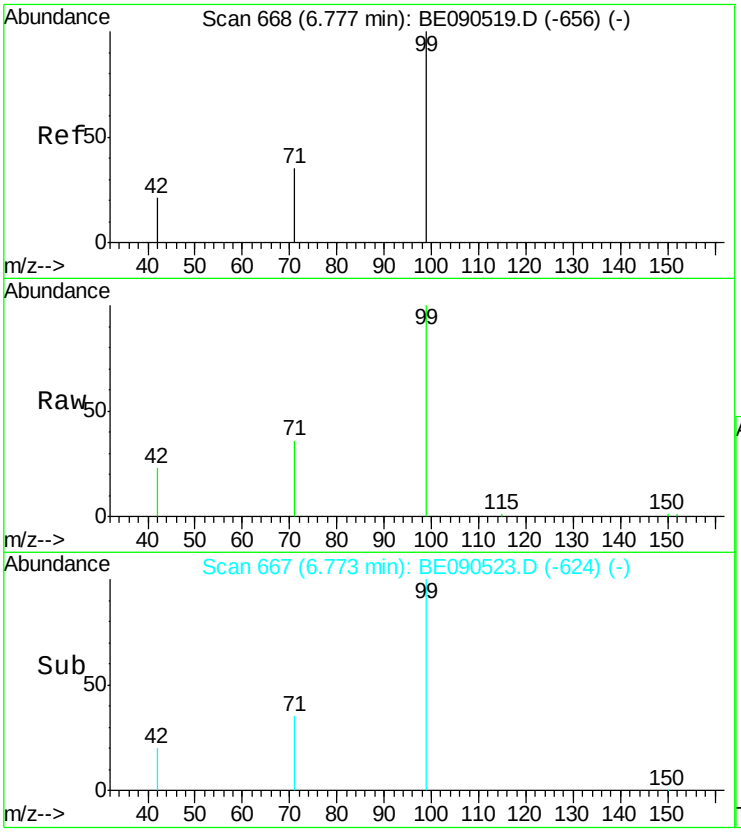


#4
2-Fluorophenol
Concen: 0.95 ng
RT: 5.21 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Tgt Ion:112 Resp: 8014

Ion	Ratio	Lower	Upper
112	100		
64	70.1	37.1	55.7#
63	37.0	19.5	29.3#



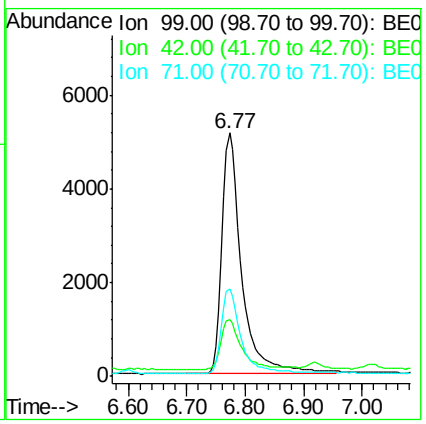


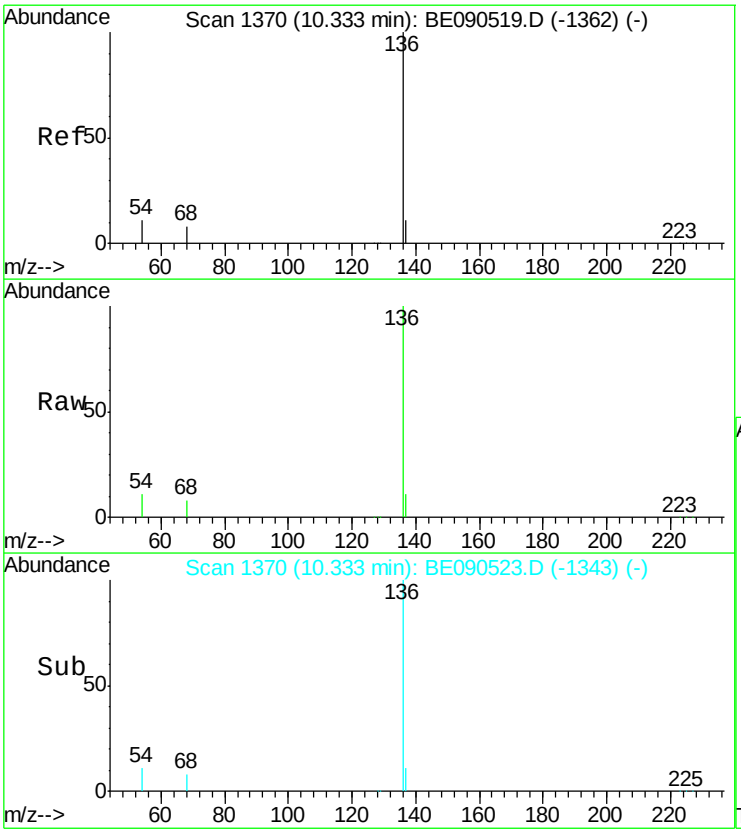
#5
Phenol-d6
Concen: 0.96 ng
RT: 6.77 min Scan# 667
Delta R.T. -0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Instrument :
BNA_E
ClientSampleId :
ICVBE081415

Tgt Ion: 99 Resp: 11963

Ion	Ratio	Lower	Upper
99	100		
42	21.5	18.2	27.4
71	35.2	27.4	41.0

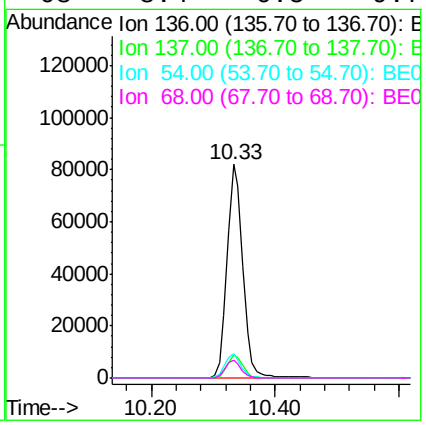


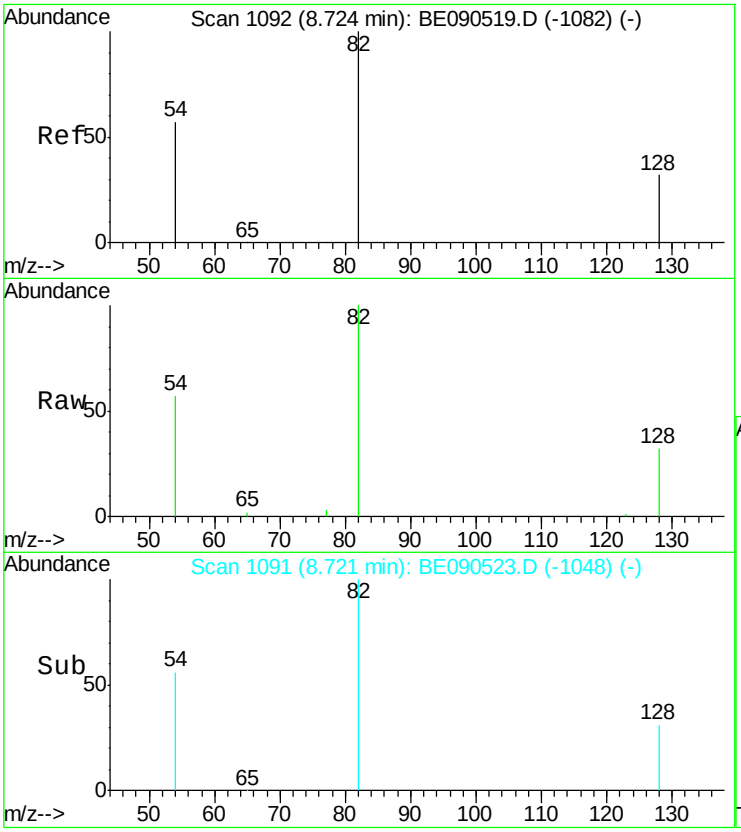


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.33 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Tgt Ion:136 Resp: 144239

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.4	9.4	14.0
68	8.4	6.5	9.7



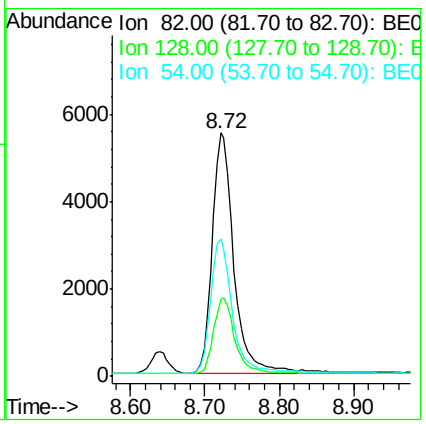


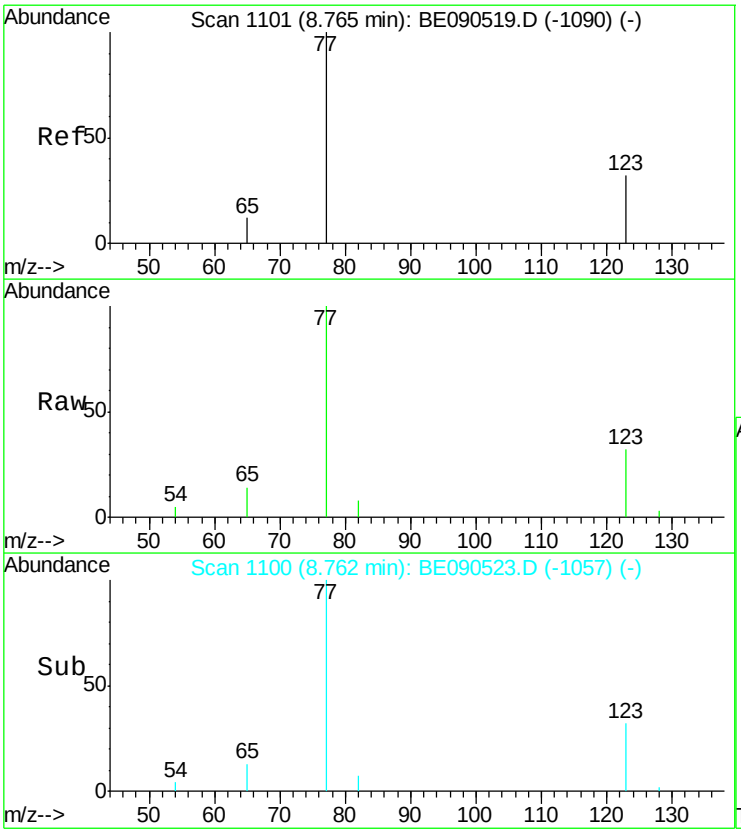
#7
Nitrobenzene-d5
Concen: 0.97 ng
RT: 8.72 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Instrument :
BNA_E
ClientSampleId :
ICVBE081415

Tgt Ion: 82 Resp: 11160

Ion	Ratio	Lower	Upper
82	100		
128	31.7	25.0	37.6
54	56.7	48.8	73.2

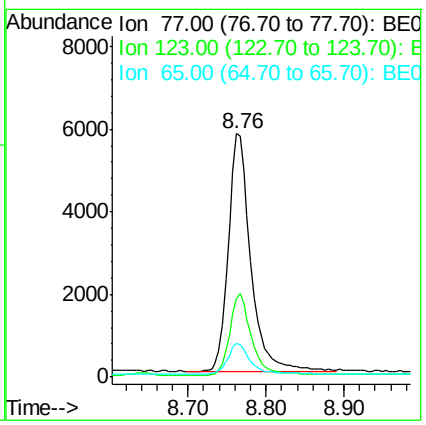


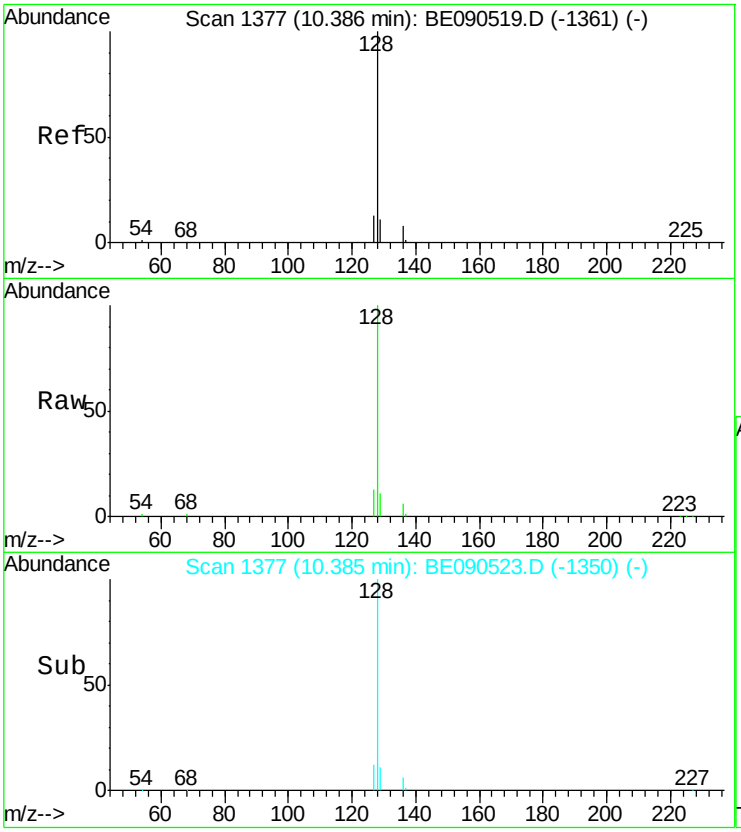


#8
Nitrobenzene
Concen: 0.97 ng
RT: 8.76 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Tgt Ion: 77 Resp: 11515

Ion	Ratio	Lower	Upper
77	100		
123	33.5	25.1	37.7
65	12.9	9.3	13.9



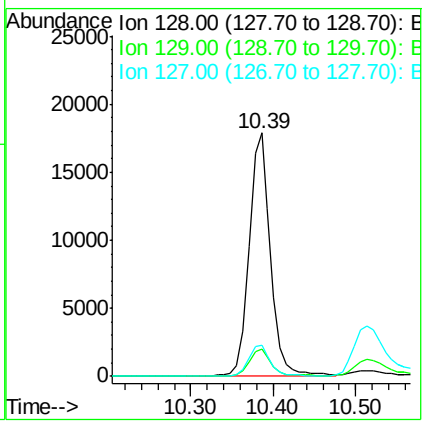


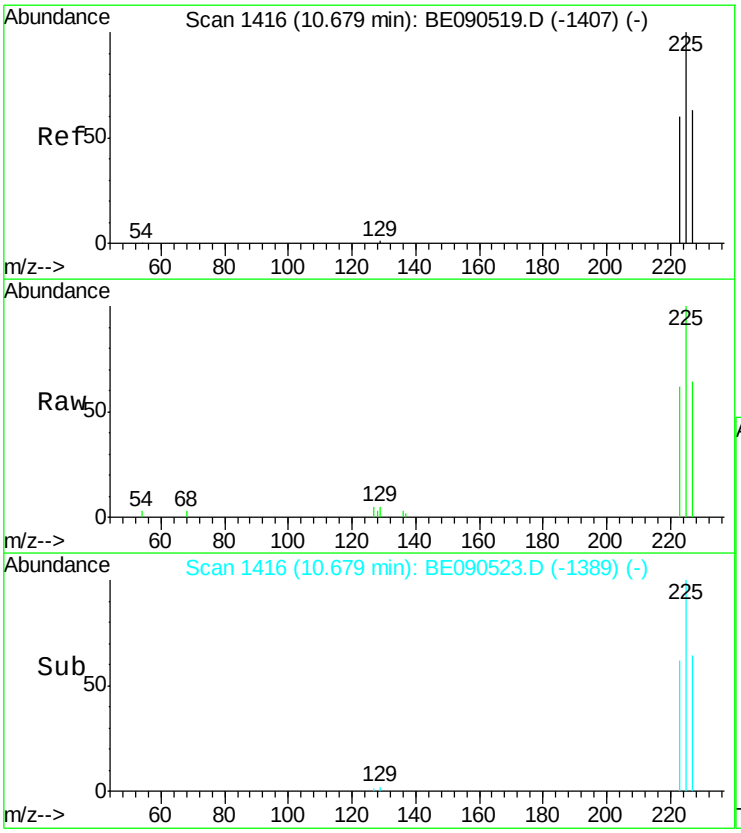
#9
Naphthalene
Concen: 0.96 ng
RT: 10.39 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Instrument :
BNA_E
ClientSampleId :
ICVBE081415

Tgt Ion:128 Resp: 31616

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.8	14.6
127	12.6	10.6	16.0

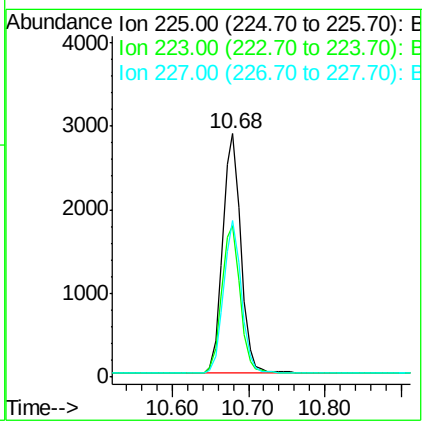


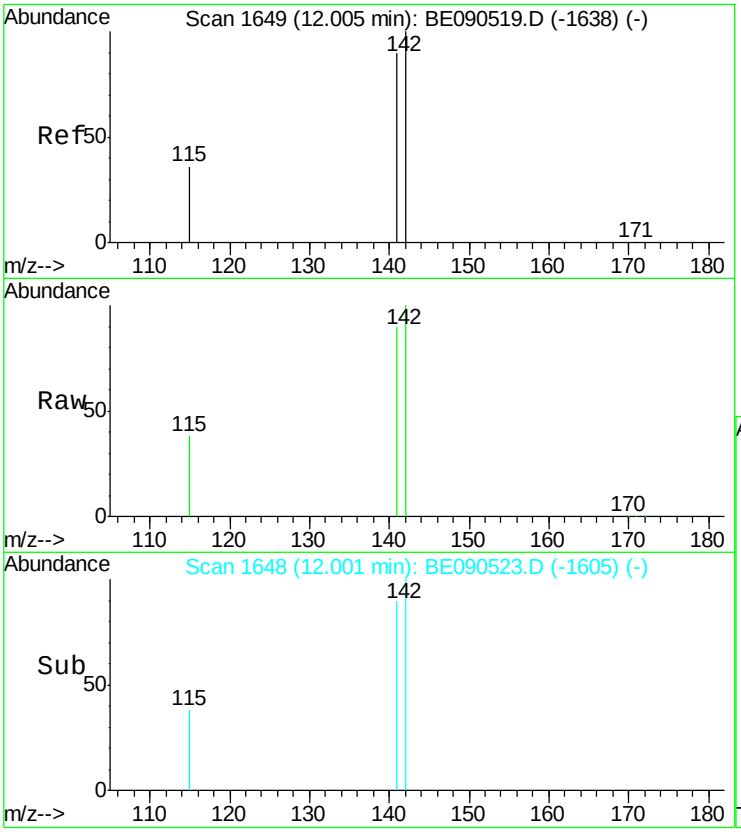


#10
Hexachlorobutadiene
Concen: 0.99 ng
RT: 10.68 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Tgt Ion:225 Resp: 4752

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	75.8
227	62.8	50.7	76.1



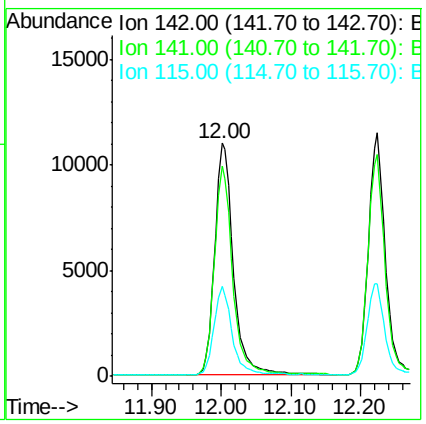


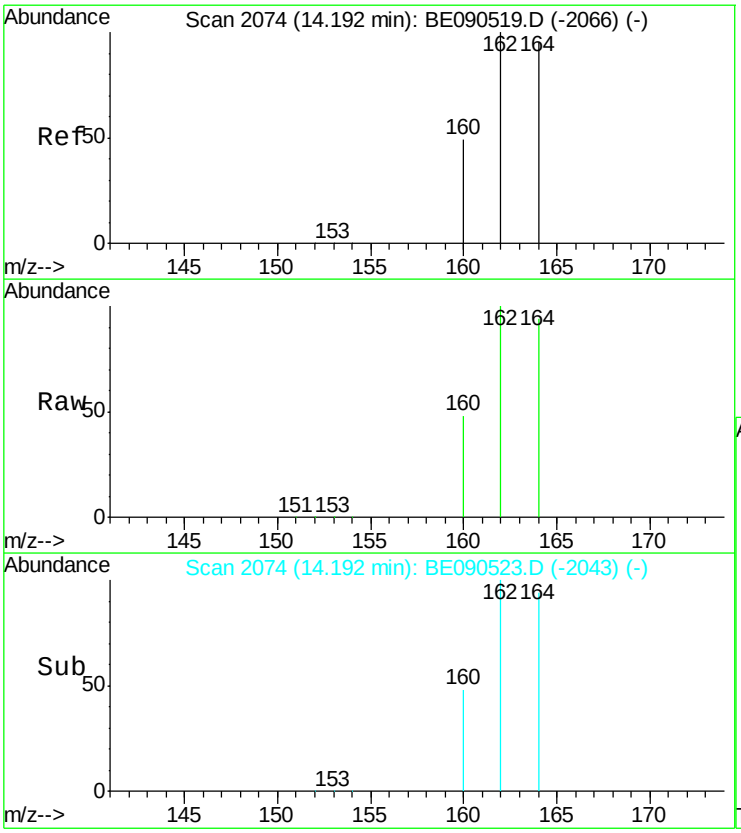
#11
2-Methylnaphthalene
Concen: 0.97 ng
RT: 12.00 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Instrument :
BNA_E
ClientSampleId :
ICVBE081415

Tgt Ion:142 Resp: 20632

Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.6	109.0
115	38.5	31.6	47.4

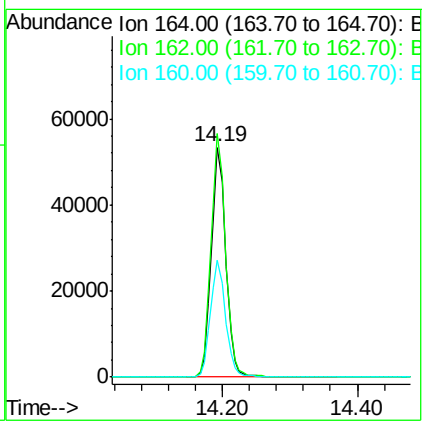


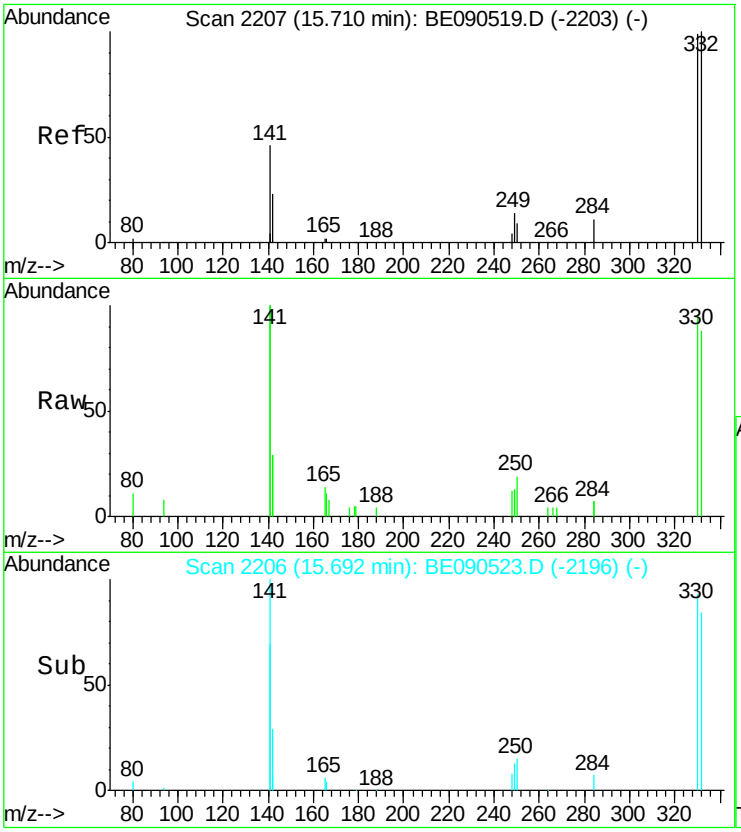


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Tgt Ion:164 Resp: 78771

Ion	Ratio	Lower	Upper
164	100		
162	105.8	81.8	122.8
160	50.8	44.2	66.4



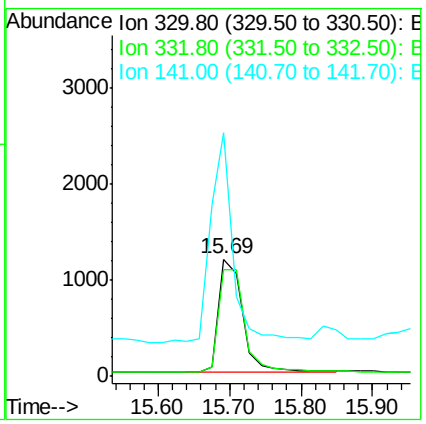


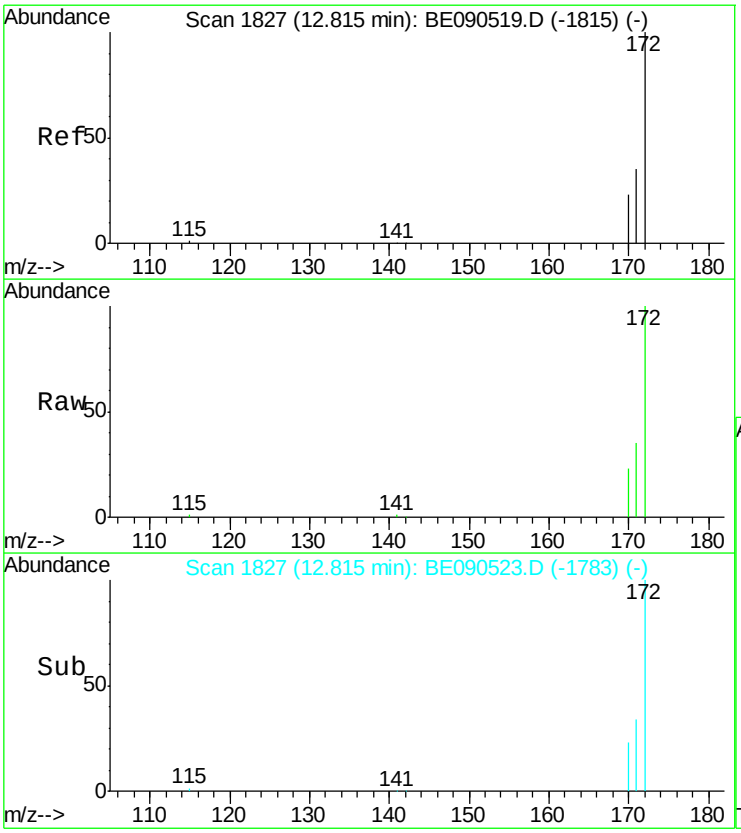
#13
2,4,6-Tribromophenol
Concen: 0.92 ng
RT: 15.69 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Instrument :
BNA_E
ClientSampleId :
ICVBE081415

Tgt Ion:330 Resp: 2780

Ion	Ratio	Lower	Upper
330	100		
332	97.7	75.8	113.6
141	171.2	114.4	171.6

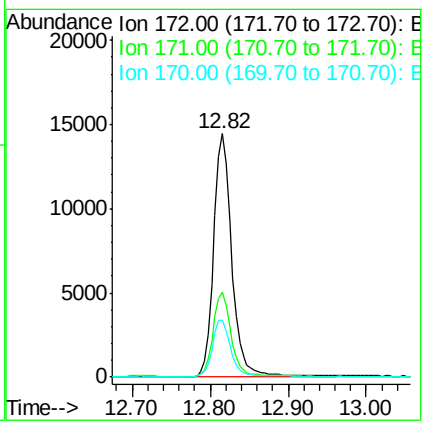


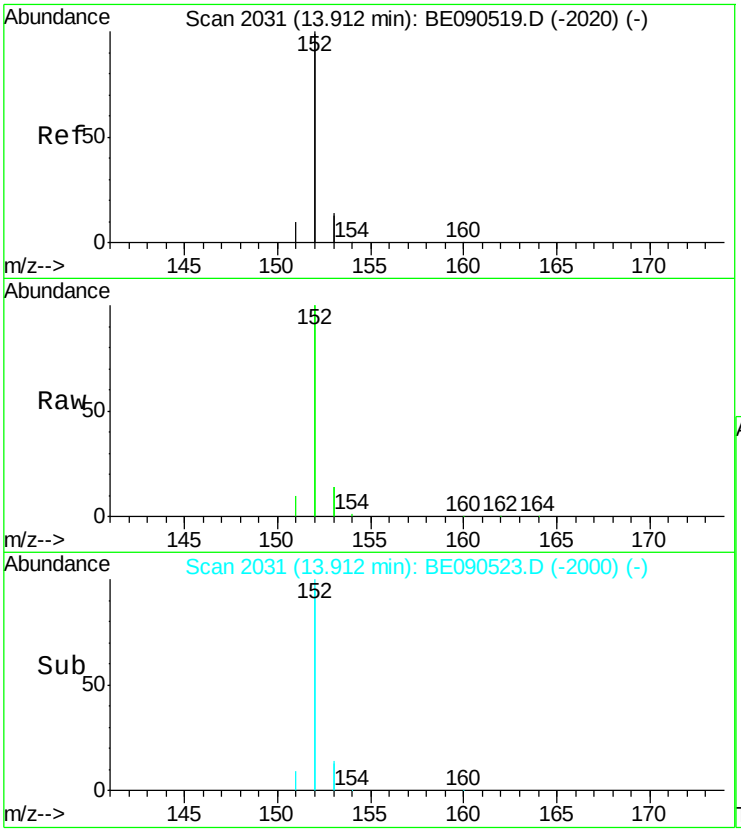


#14
2-Fluorobiphenyl
Concen: 0.97 ng
RT: 12.82 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Tgt Ion:172 Resp: 22935

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	23.2	19.8	29.8



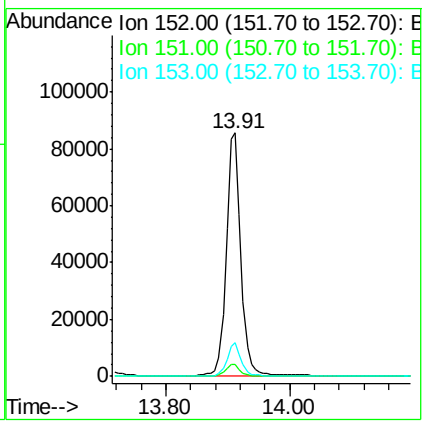


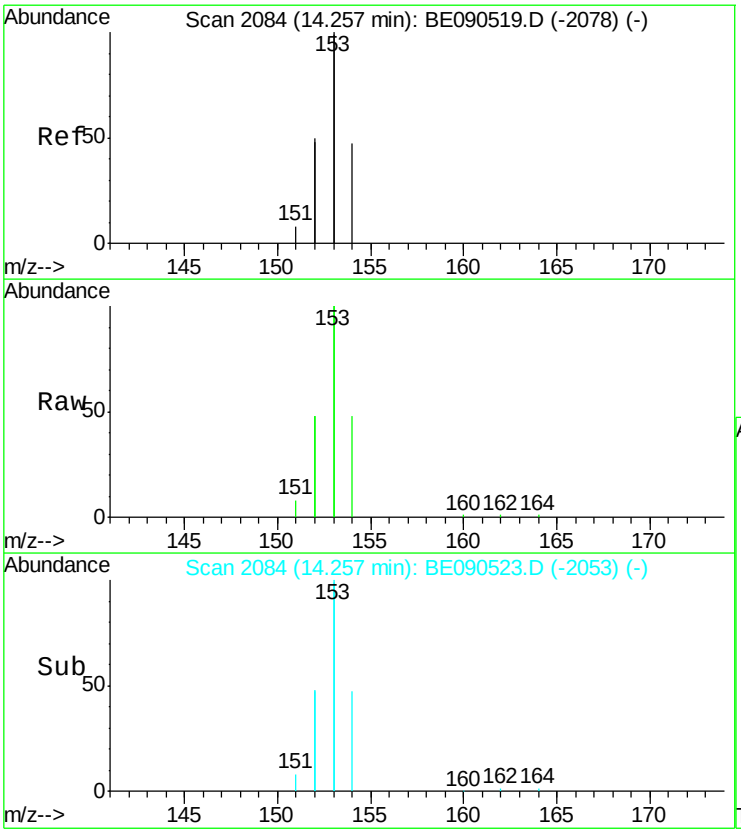
#15
Acenaphthylene
Concen: 0.97 ng
RT: 13.91 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Instrument :
BNA_E
ClientSampleId :
ICVBE081415

Tgt Ion:152 Resp: 139639

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.8	5.8
153	12.9	10.3	15.5

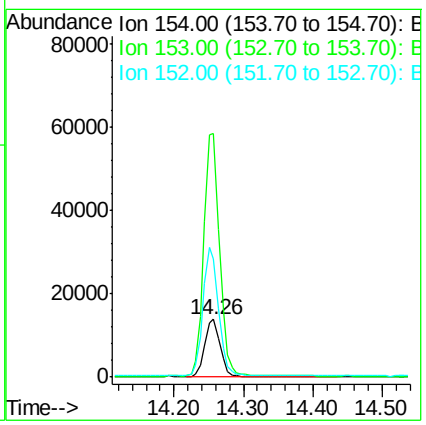


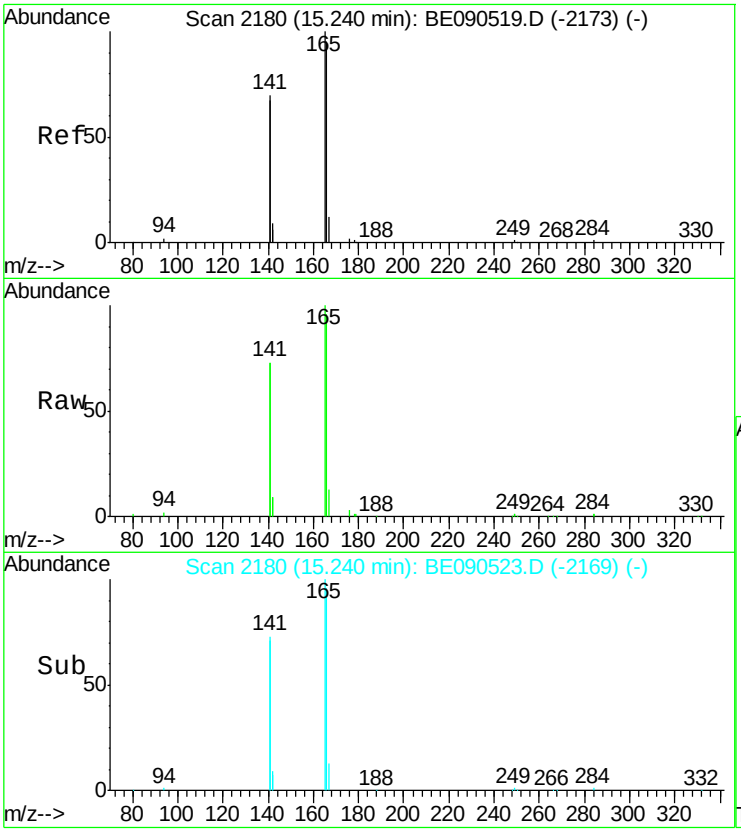


#16
Acenaphthene
Concen: 0.97 ng
RT: 14.26 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Tgt Ion:154 Resp: 21098

Ion	Ratio	Lower	Upper
154	100		
153	431.6	376.2	564.2
152	225.8	235.0	352.4#



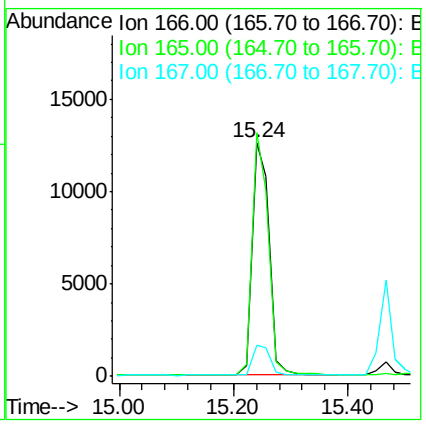


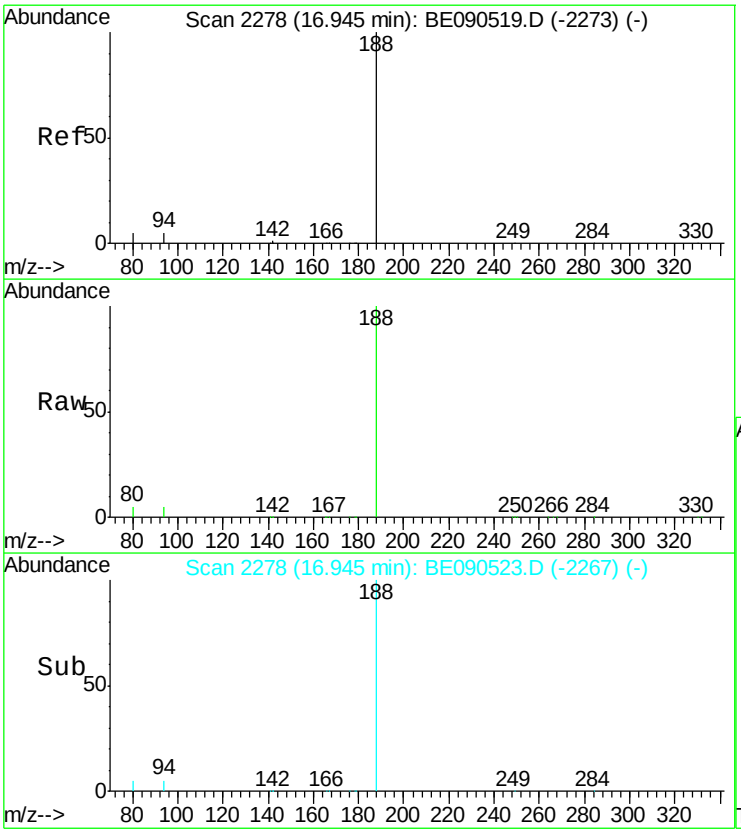
#17
Fluorene
Concen: 0.99 ng
RT: 15.24 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Instrument :
BNA_E
ClientSampleId :
ICVBE081415

Tgt Ion:166 Resp: 26287

Ion	Ratio	Lower	Upper
166	100		
165	99.4	81.5	122.3
167	13.9	11.4	17.0

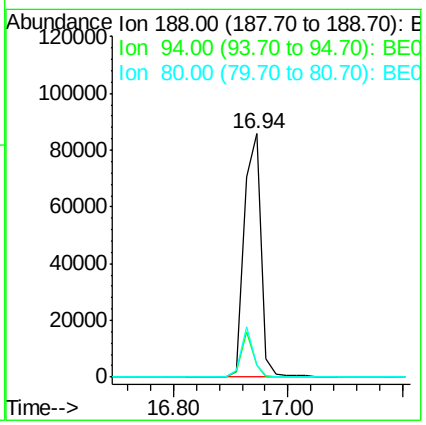


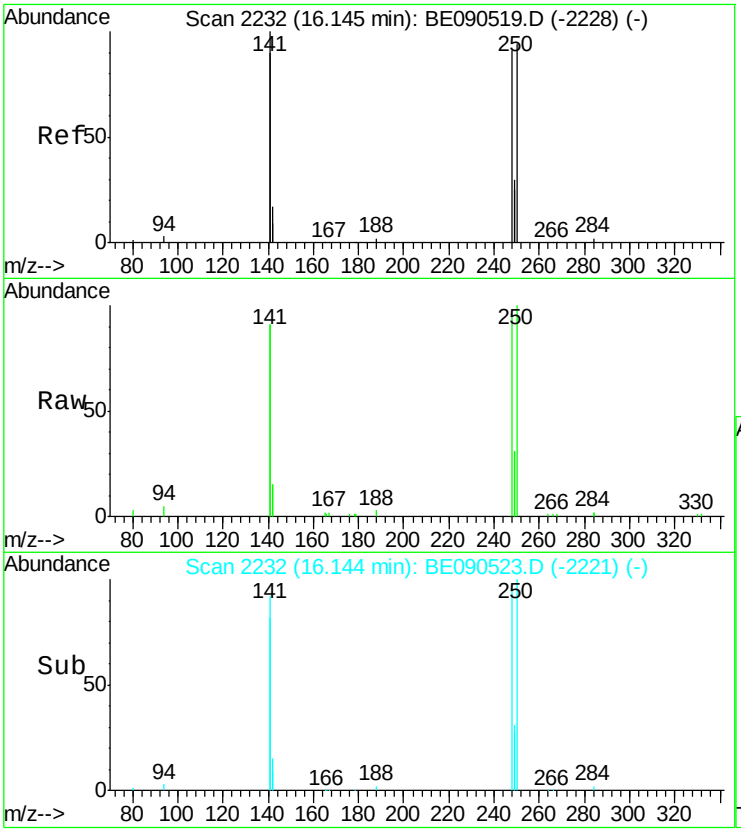


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Tgt Ion:188 Resp: 175325

Ion	Ratio	Lower	Upper
188	100		
94	4.9	5.7	8.5#
80	4.9	5.8	8.8#



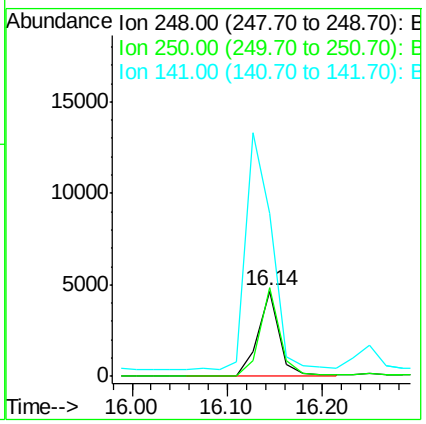


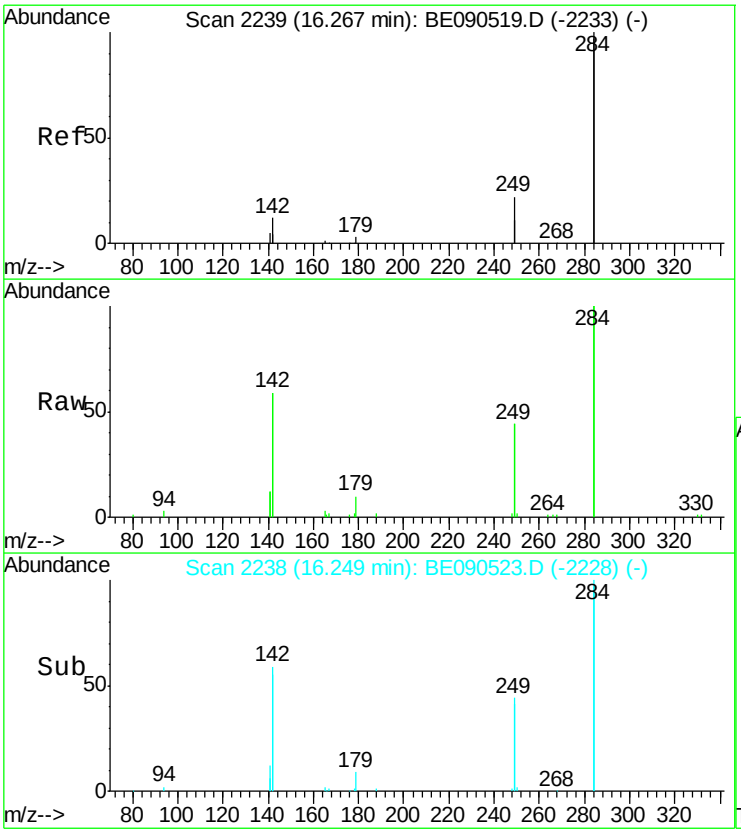
#19
4-Bromophenyl-phenylether
Concen: 0.97 ng
RT: 16.14 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Instrument :
BNA_E
ClientSampleId :
ICVBE081415

Tgt Ion:248 Resp: 6972

Ion	Ratio	Lower	Upper
248	100		
250	99.4	79.0	118.6
141	342.3	239.5	359.3

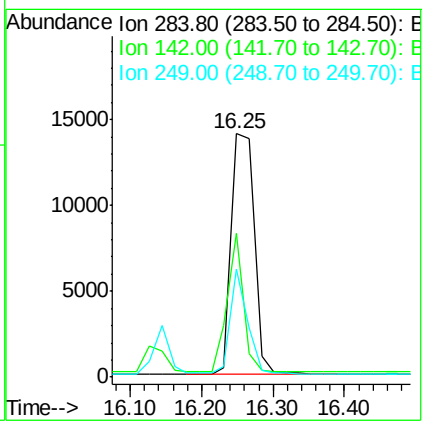


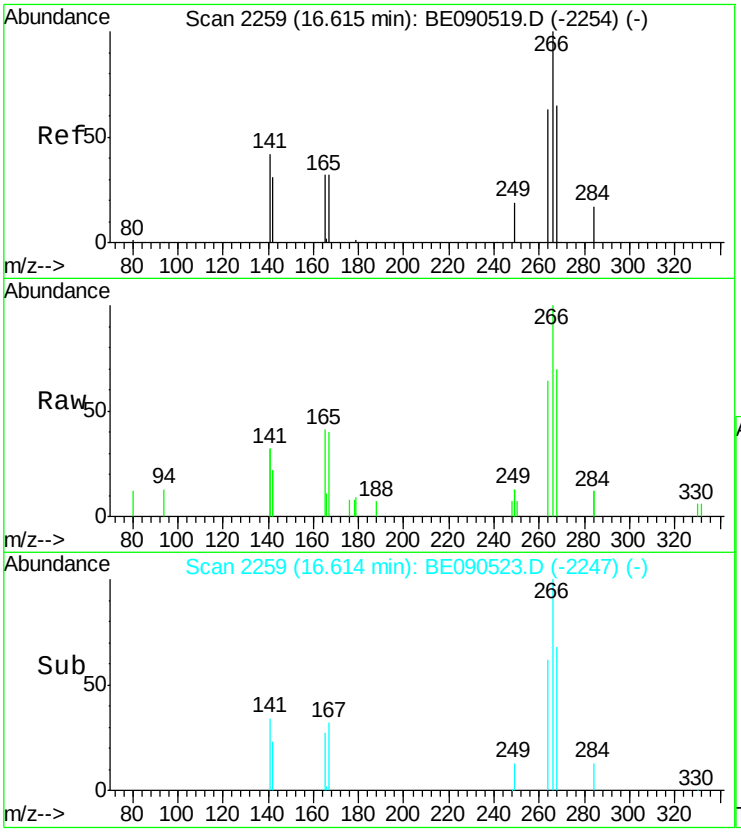


#20
Hexachlorobenzene
Concen: 0.97 ng
RT: 16.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Tgt Ion:284 Resp: 30753

Ion	Ratio	Lower	Upper
284	100		
142	40.6	30.1	45.1
249	31.8	25.7	38.5



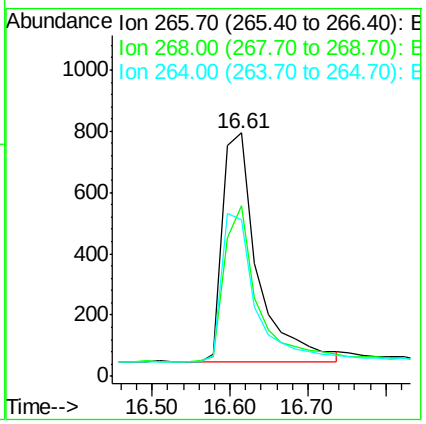


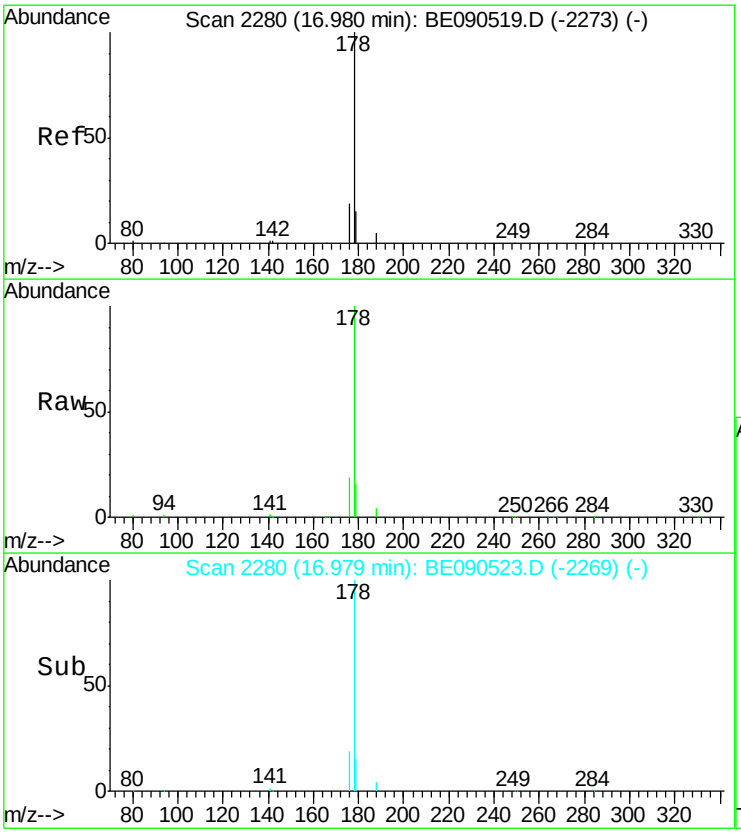
#21
Pentachlorophenol
Concen: 0.88 ng
RT: 16.61 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Instrument :
BNA_E
ClientSampleId :
ICVBE081415

Tgt Ion:266 Resp: 2347

Ion	Ratio	Lower	Upper
266	100		
268	70.1	58.5	87.7
264	64.4	56.0	84.0

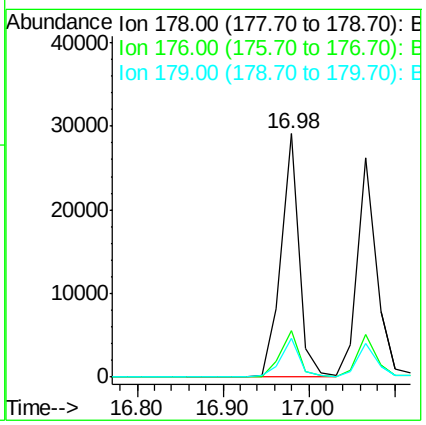


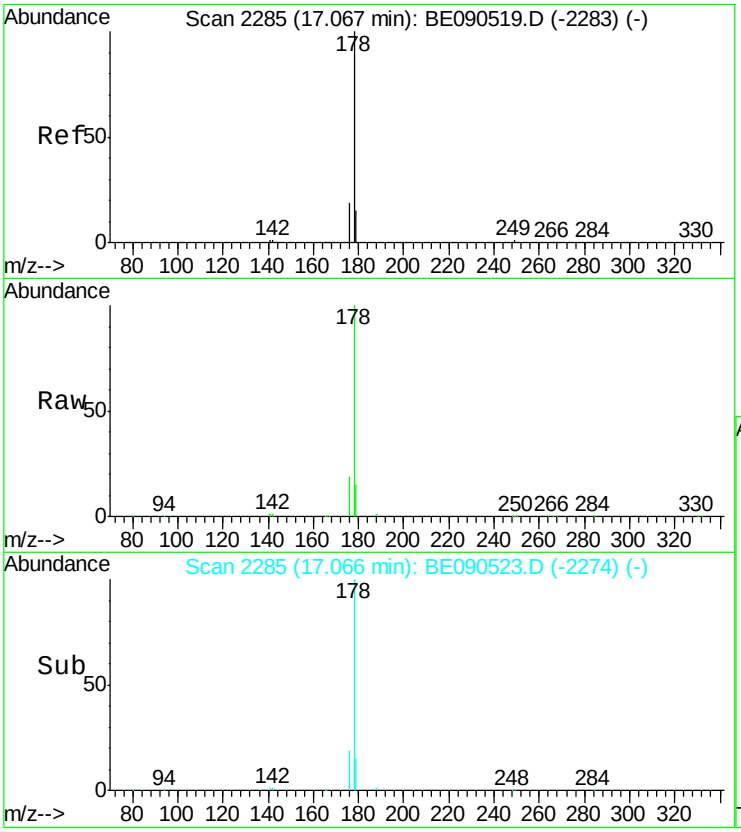


#22
Phenanthrene
Concen: 0.94 ng
RT: 16.98 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Tgt Ion:178 Resp: 43119

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.6	12.5	18.7



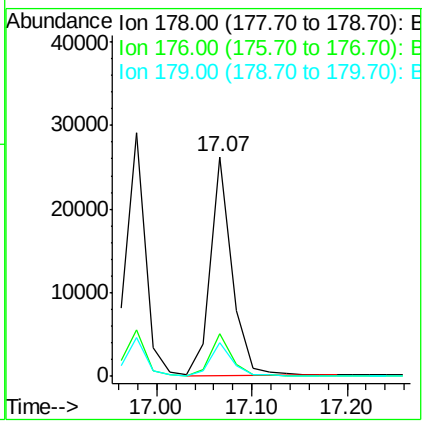


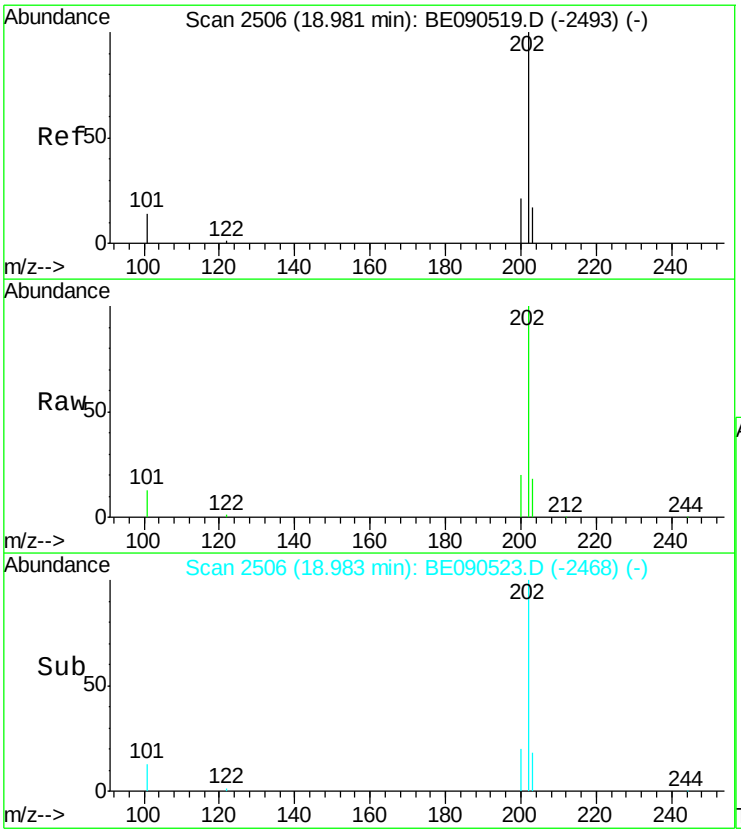
#23
Anthracene
Concen: 0.96 ng
RT: 17.07 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Instrument :
BNA_E
ClientSampleId :
ICVBE081415

Tgt Ion:178 Resp: 40890

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.4	12.2	18.4

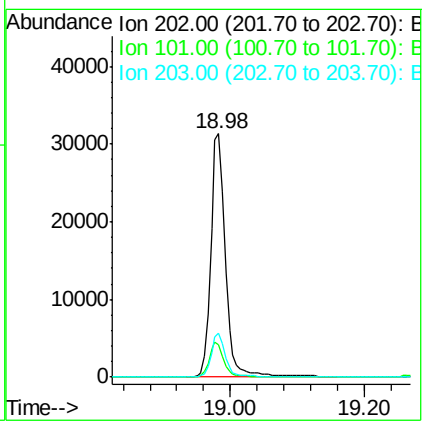


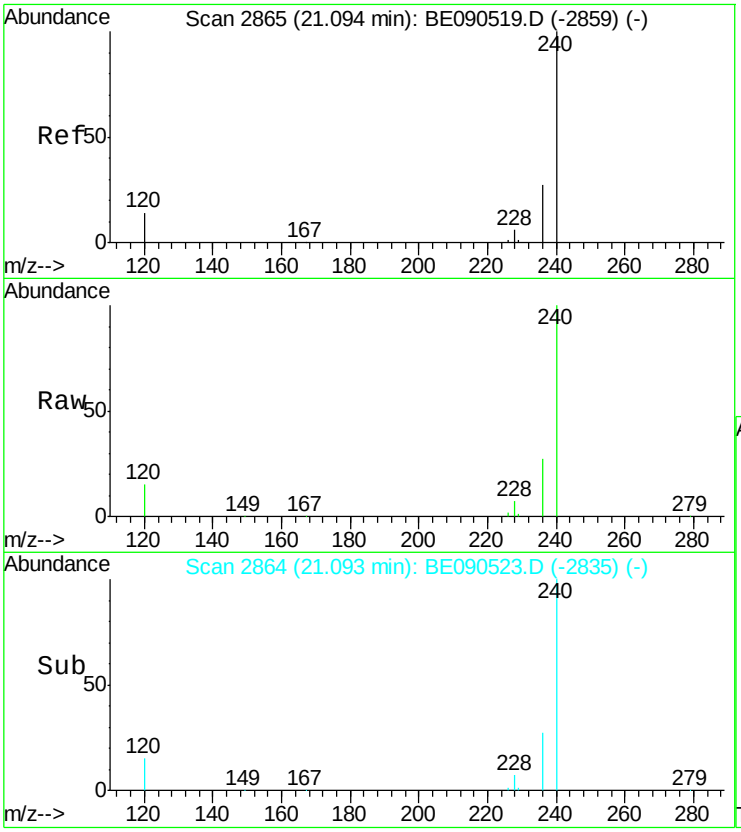


#24
Fluoranthene
Concen: 0.95 ng
RT: 18.98 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Tgt Ion:202 Resp: 46653

Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.3	15.5
203	17.2	13.7	20.5



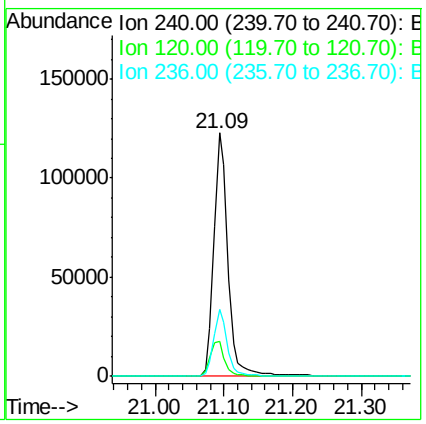


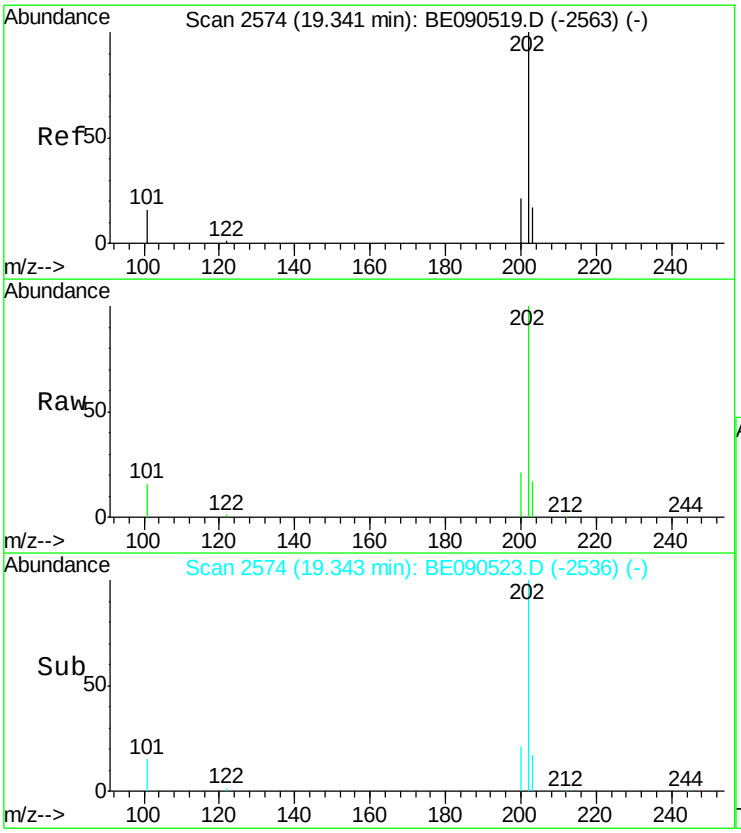
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Instrument :
BNA_E
ClientSampleId :
ICVBE081415

Tgt Ion:240 Resp: 174570

Ion	Ratio	Lower	Upper
240	100		
120	14.6	8.3	12.5#
236	27.4	21.0	31.4

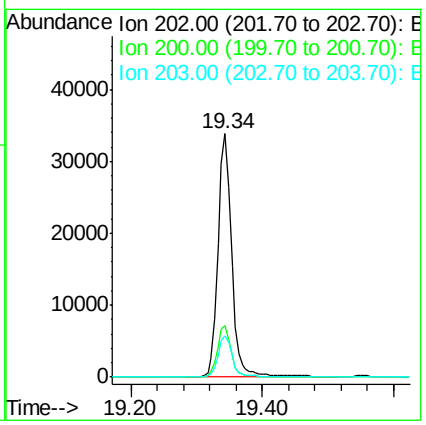


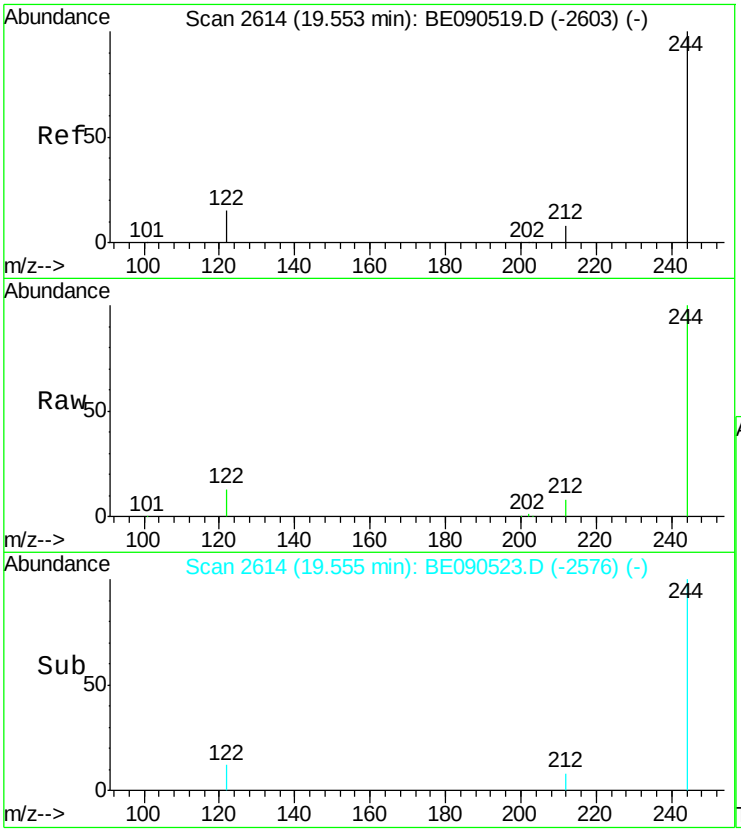


#26
Pyrene
Concen: 0.97 ng
RT: 19.34 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Tgt Ion:202 Resp: 48326

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.4	13.8	20.8



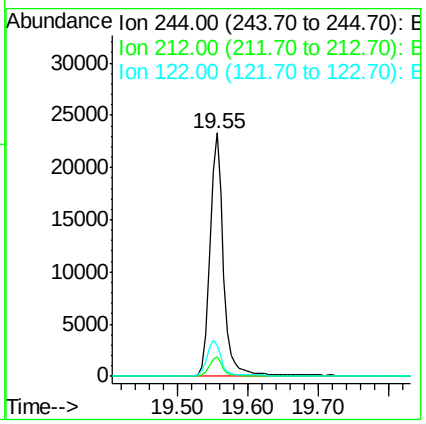


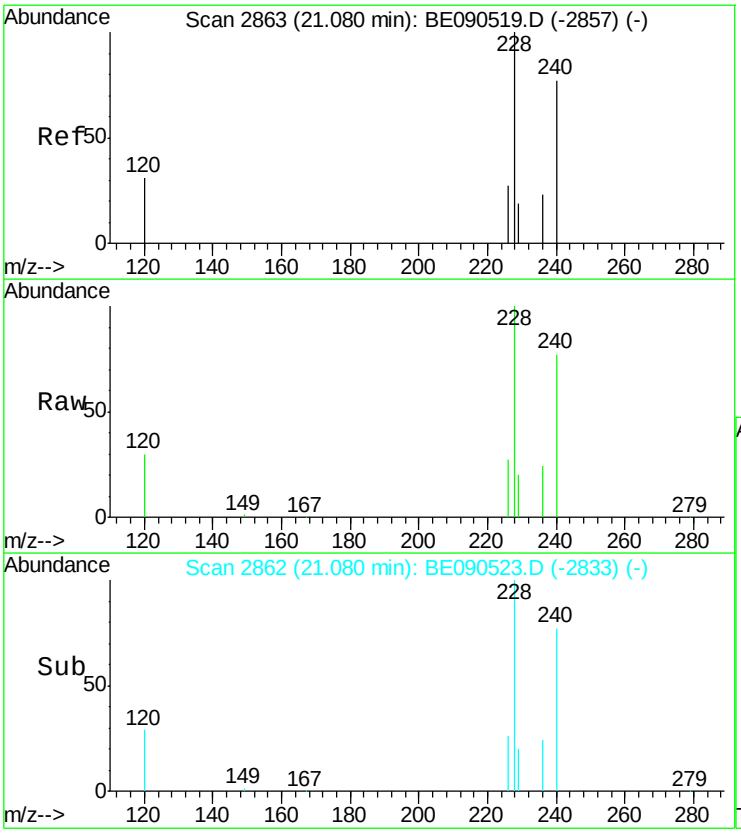
#27
Terphenyl-d14
Concen: 0.98 ng
RT: 19.55 min Scan# 2614
Delta R.T. 0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Instrument :
BNA_E
ClientSampleId :
ICVBE081415

Tgt Ion:244 Resp: 31148

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	9.8
122	12.7	10.2	15.4

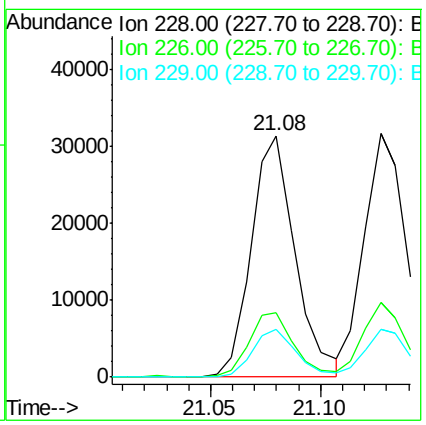


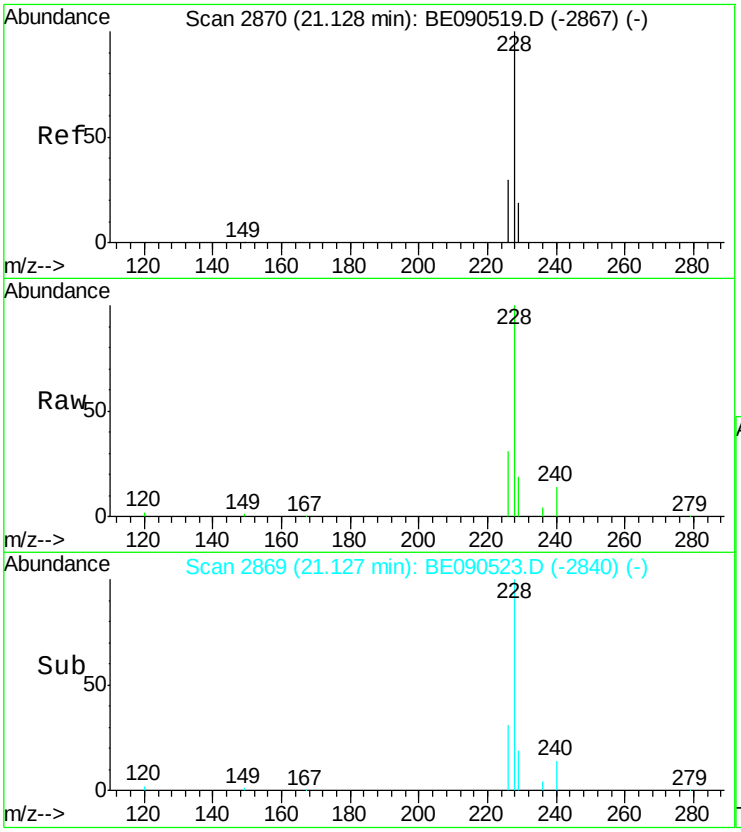


#28
Benzo(a)anthracene
Concen: 0.95 ng
RT: 21.08 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Tgt Ion:228 Resp: 43431

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.9	32.9
229	20.0	15.4	23.0



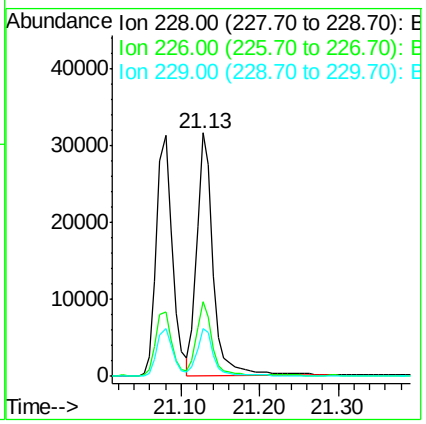


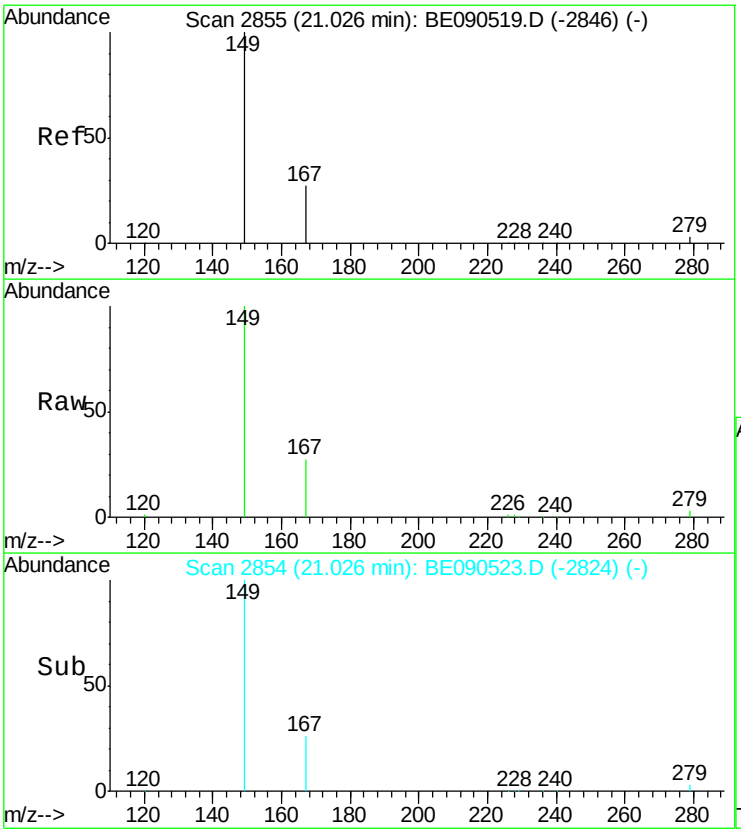
#29
Chrysene
Concen: 0.97 ng
RT: 21.13 min Scan# 2869
Delta R.T. -0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Instrument :
BNA_E
ClientSampleId :
ICVBE081415

Tgt Ion:228 Resp: 45463

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.1	34.7
229	19.5	15.8	23.8

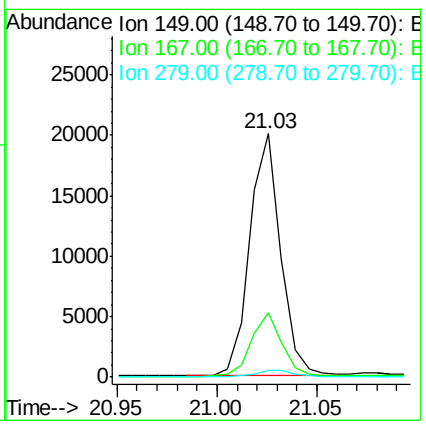


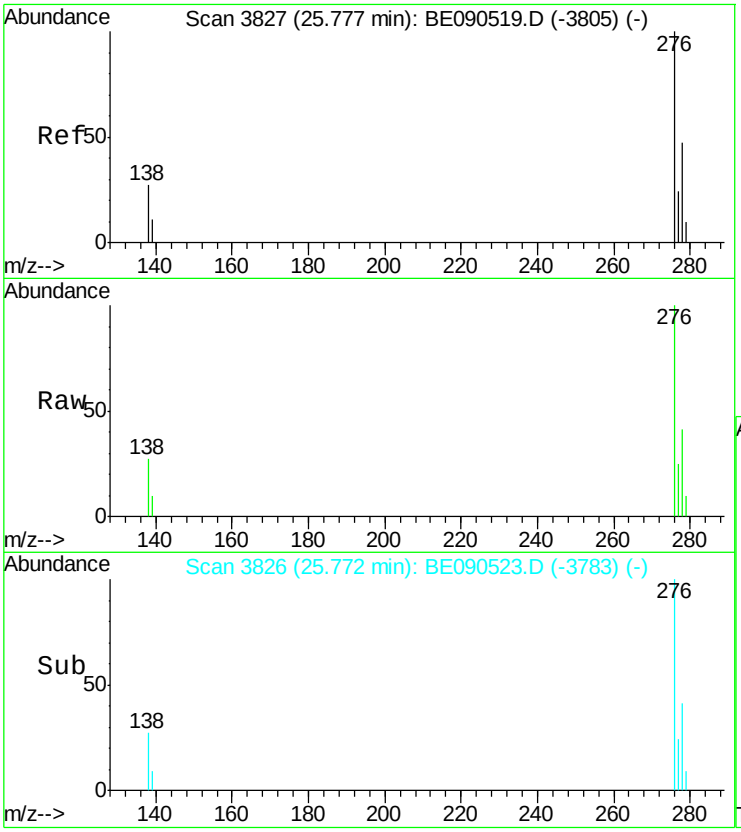


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.90 ng
RT: 21.03 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Tgt Ion:149 Resp: 21535

Ion	Ratio	Lower	Upper
149	100		
167	26.0	19.8	29.8
279	3.0	2.4	3.6



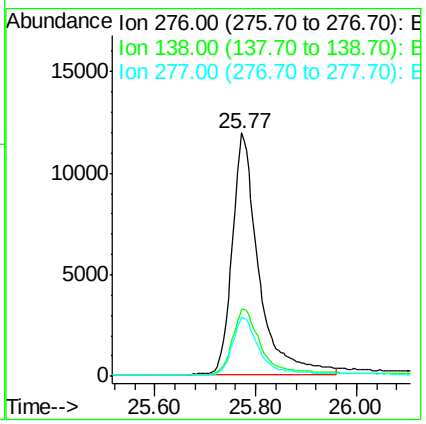


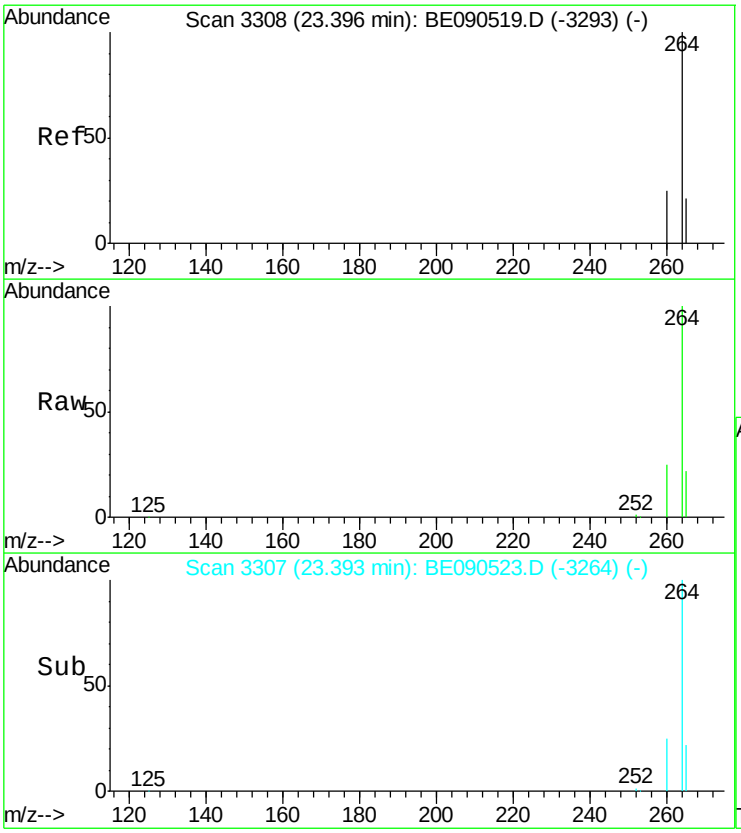
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.98 ng
RT: 25.77 min Scan# 3826
Delta R.T. -0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Instrument :
BNA_E
ClientSampleId :
ICVBE081415

Tgt Ion:276 Resp: 43474

Ion	Ratio	Lower	Upper
276	100		
138	29.2	18.8	28.2#
277	24.5	18.2	27.4

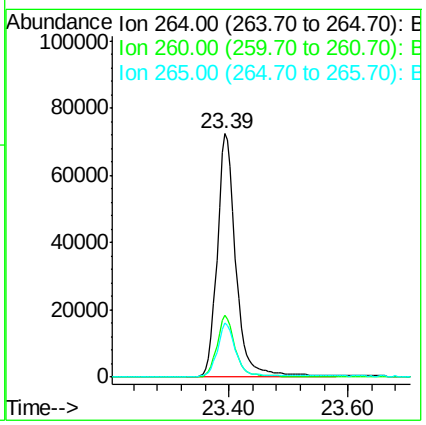


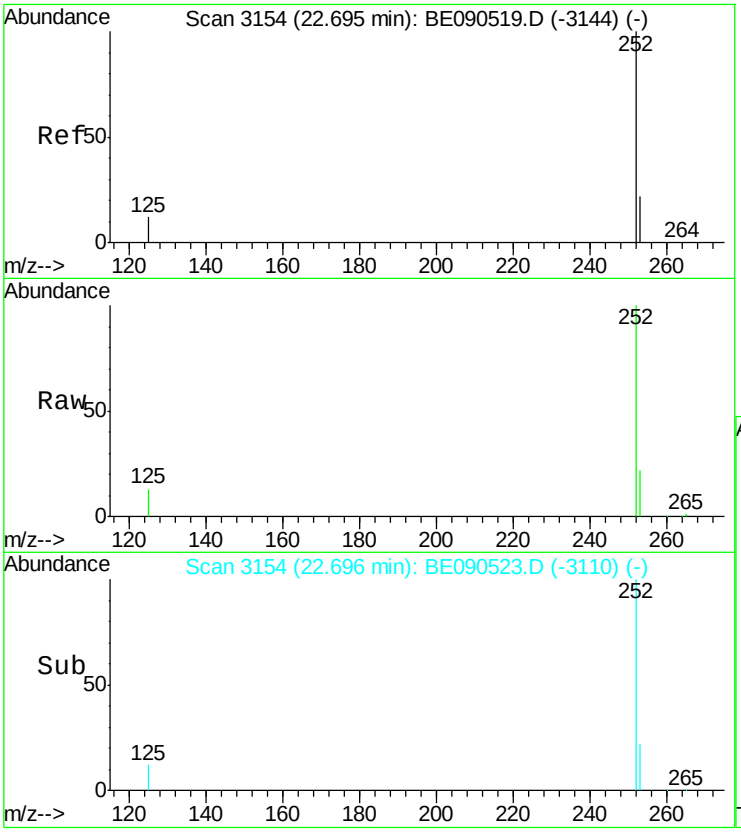


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.39 min Scan# 3307
Delta R.T. -0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Tgt Ion:264 Resp: 158347

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.1	30.1
265	22.0	17.2	25.8



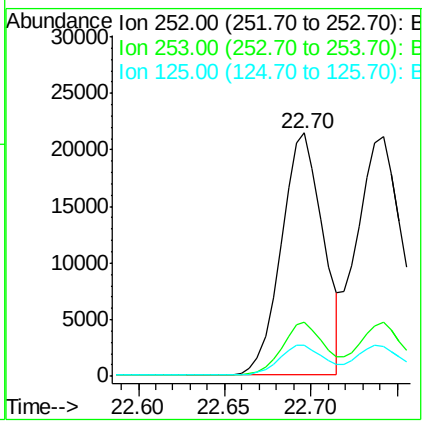


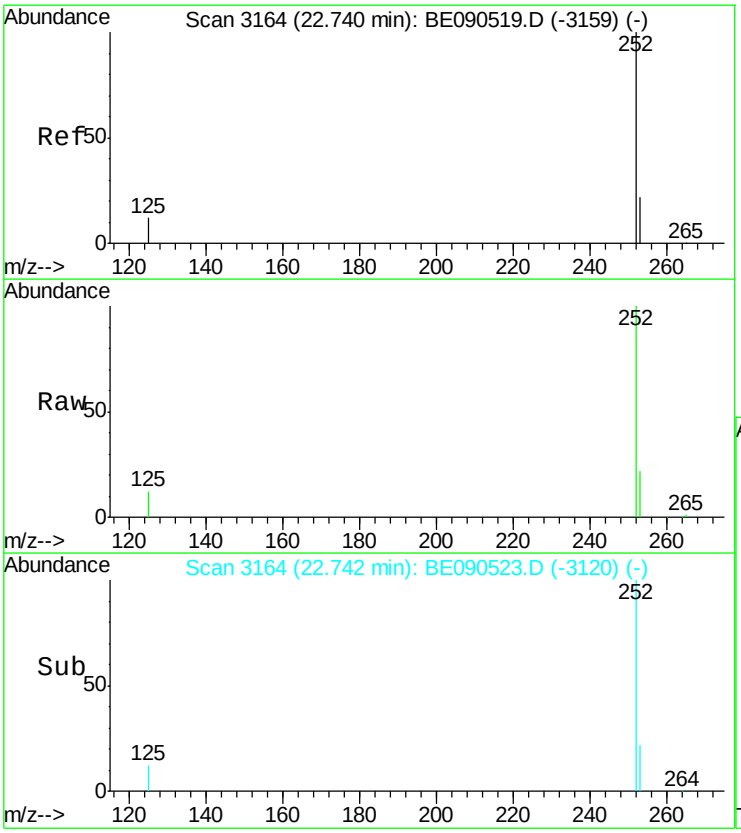
#33
Benzo(b)fluoranthene
Concen: 0.96 ng
RT: 22.70 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Instrument :
BNA_E
ClientSampleId :
ICVBE081415

Tgt Ion:252 Resp: 35844

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	12.8	9.4	14.2

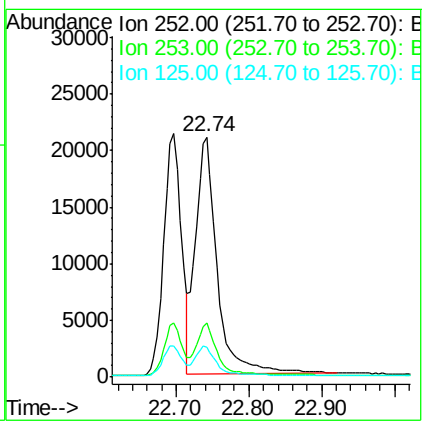


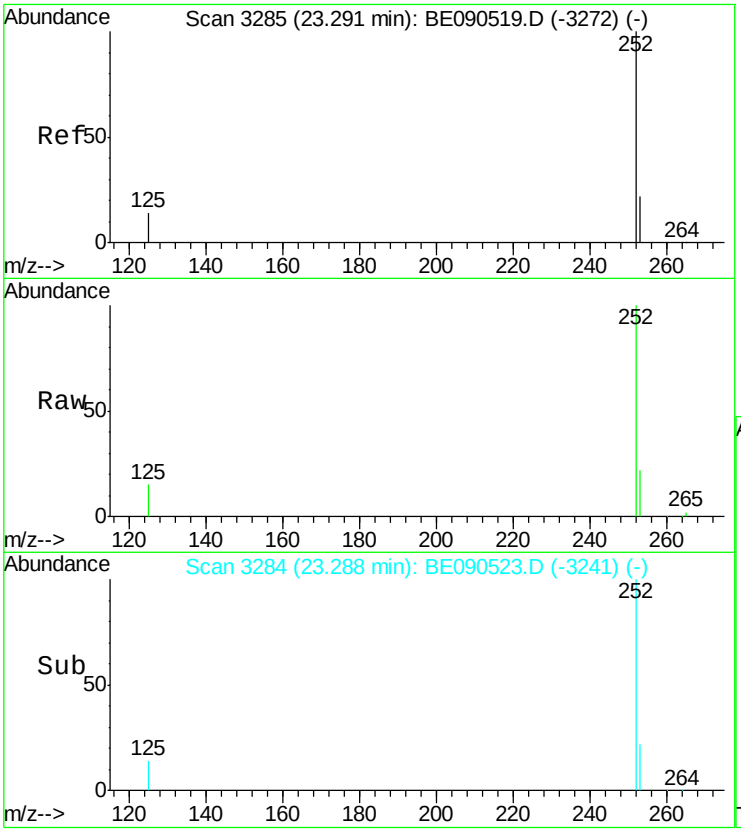


#34
Benzo(k)fluoranthene
Concen: 1.02 ng
RT: 22.74 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Tgt Ion:252 Resp: 43280

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	12.3	9.1	13.7



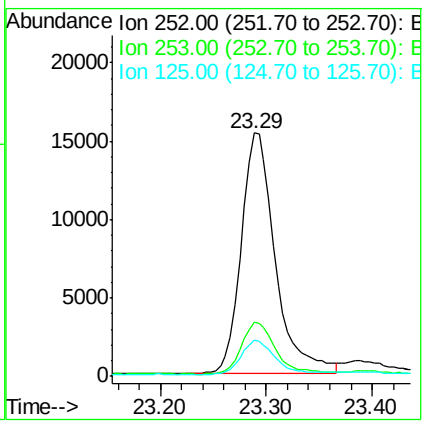


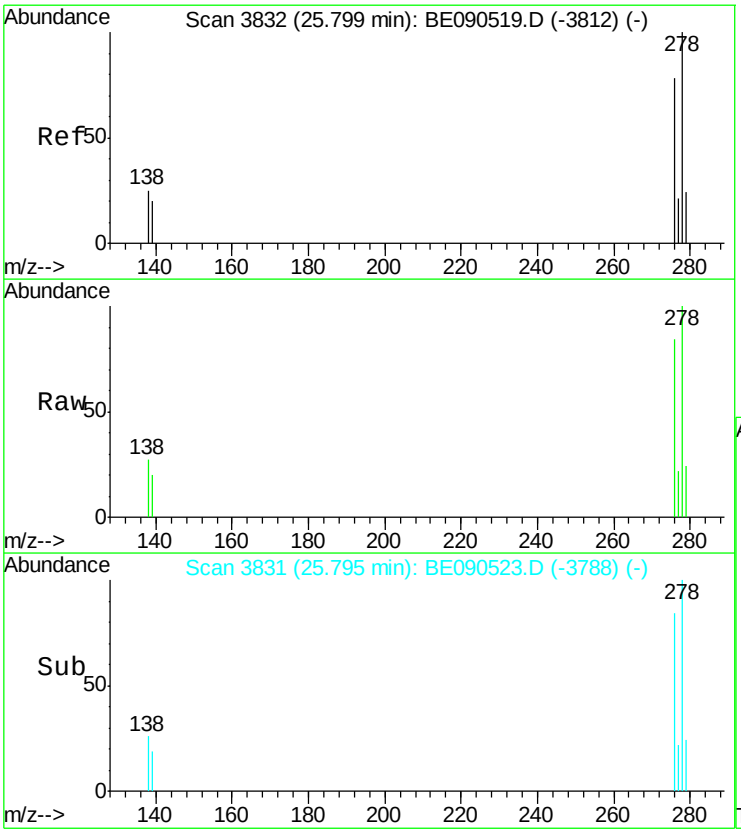
#35
Benzo(a)pyrene
Concen: 0.98 ng
RT: 23.29 min Scan# 3284
Delta R.T. -0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Instrument :
BNA_E
ClientSampleId :
ICVBE081415

Tgt Ion:252 Resp: 34262

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	14.7	9.8	14.6#

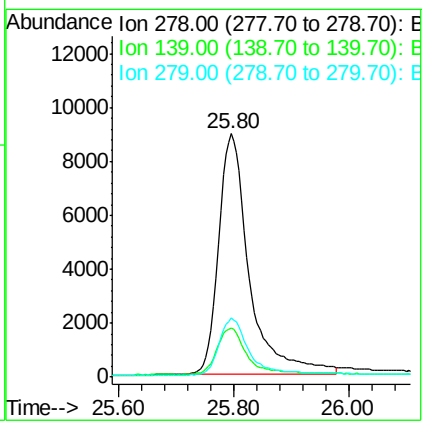


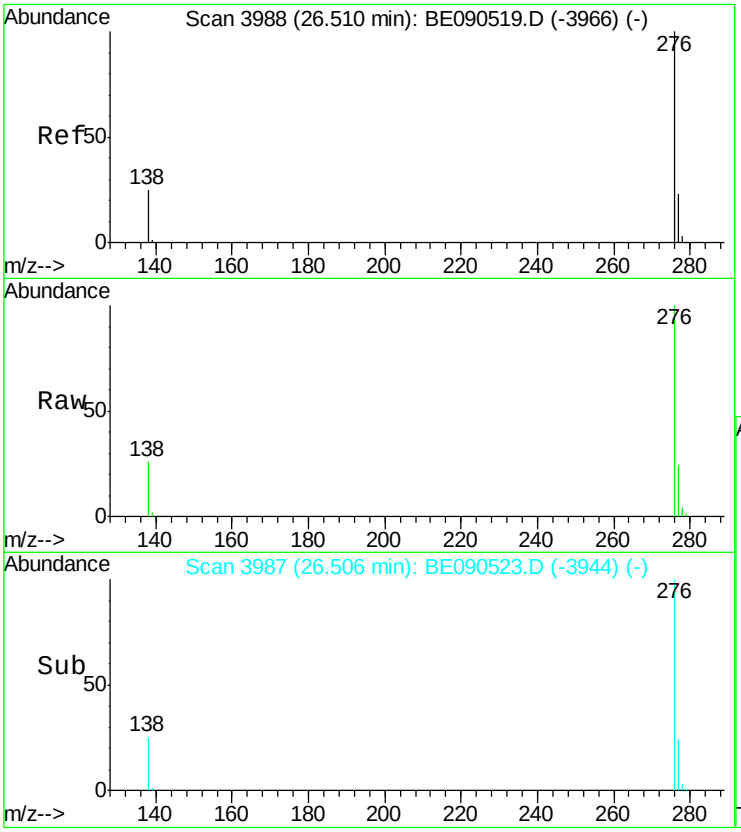


#36
Dibenzo(a,h)anthracene
Concen: 1.00 ng
RT: 25.80 min Scan# 3831
Delta R.T. -0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Tgt Ion:278 Resp: 33775

Ion	Ratio	Lower	Upper
278	100		
139	20.2	14.2	21.4
279	24.1	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 0.99 ng
RT: 26.51 min Scan# 3987
Delta R.T. -0.00 min
Lab File: BE090523.D
Acq: 14 Aug 2015 16:43

Instrument :
BNA_E
ClientSampleId :
ICVBE081415

Tgt Ion:276 Resp: 36555

Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.1	30.1
138	26.0	18.1	27.1