Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080515\
Data File : BE090376.D
Acq On : 6 Aug 2015 1:18
Operator : TP/UM
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001

Quant Time: Aug 06 02:35:42 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 02:22:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	21761	5.00	ng		0.00
6) Naphthalene-d8	10.34	136	97330	5.00	ng		0.00
12) Acenaphthene-d10	14.20	164	54469	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	124291	5.00	ng		0.00
25) Chrysene-d12	21.10	240	151157	5.00	ng		0.00
32) Perylene-d12	23.40	264	136396	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	4025	1.21	ng		0.00
5) Phenol-d6	6.77	99	5893	1.05	ng		0.00
7) Nitrobenzene-d5	8.73	82	6542	0.99	ng		0.00
13) 2,4,6-Tribromophenol	15.71	330	1137	1.22	ng		0.00
14) 2-Fluorobiphenyl	12.82	172	15936	1.06	ng		0.00
27) Terphenyl-d14	19.56	244	23935	1.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	3459	1.24	ng		90
3) n-Nitrosodimethylamine	3.49	42	3426	1.02	ng	#	81
8) Nitrobenzene	8.77	77	6668	0.96	ng		99
9) Naphthalene	10.39	128	21595	1.00	ng		98
10) Hexachlorobutadiene	10.69	225	3681	1.07	ng		100
11) 2-Methylnaphthalene	12.01	142	13295	1.07	ng		97
15) Acenaphthylene	13.91	152	92504	1.05	ng		100
16) Acenaphthene	14.26	154	13681	1.00	ng		93
17) Fluorene	15.26	166	17896	1.00	ng		99
19) 4-Bromophenyl-phenylether	16.14	248	5209	1.08	ng		97
20) Hexachlorobenzene	16.27	284	25336	1.01	ng		99
21) Pentachlorophenol	16.61	266	1163	1.33	ng		94
22) Phenanthrene	16.98	178	30941	0.99	ng		100
23) Anthracene	17.07	178	27172	1.06	ng		99
24) Fluoranthene	18.99	202	33603	1.10	ng		100
26) Pyrene	19.35	202	35334	1.08	ng		100
28) Benzo(a)anthracene	21.08	228	33445	1.00	ng		100
29) Chrysene	21.13	228	40898	1.01	ng		100
30) Bis(2-ethylhexyl)phthalate	21.03	149	8961	1.13	ng		99
31) Indeno(1,2,3-cd)pyrene	25.79	276	28559	1.00	ng		98
33) Benzo(b)fluoranthene	22.70	252	28455	1.08	ng		99
34) Benzo(k)fluoranthene	22.75	252	36307	0.97	ng		99
35) Benzo(a)pyrene	23.30	252	25060	1.05	ng		98
36) Dibenzo(a,h)anthracene	25.81	278	21632	1.00	ng		97
37) Benzo(g,h,i)perylene	26.51	276	26778	1.07	ng		99

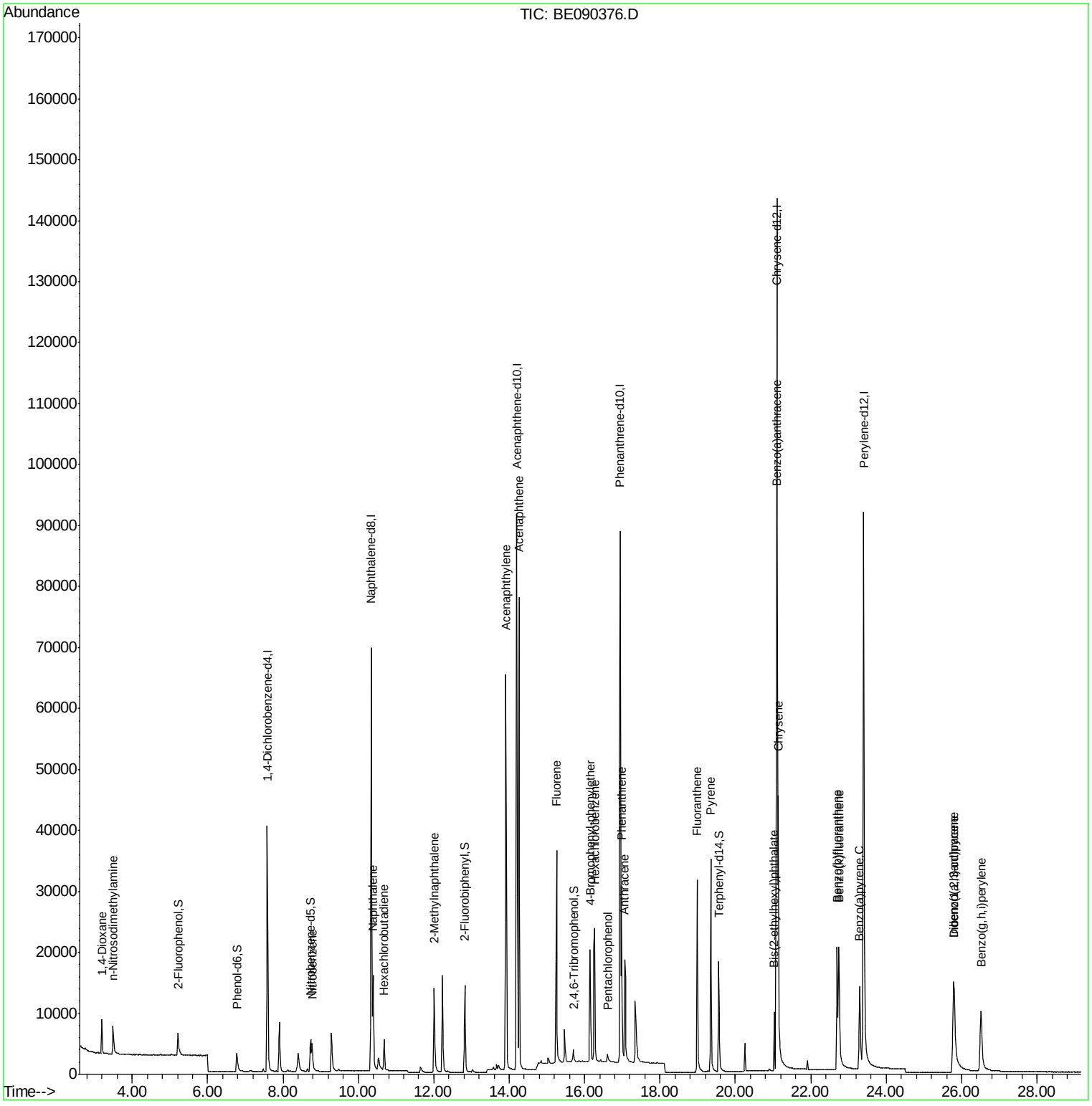
(#) = qualifier out of range (m) = manual integration (+) = signals summed

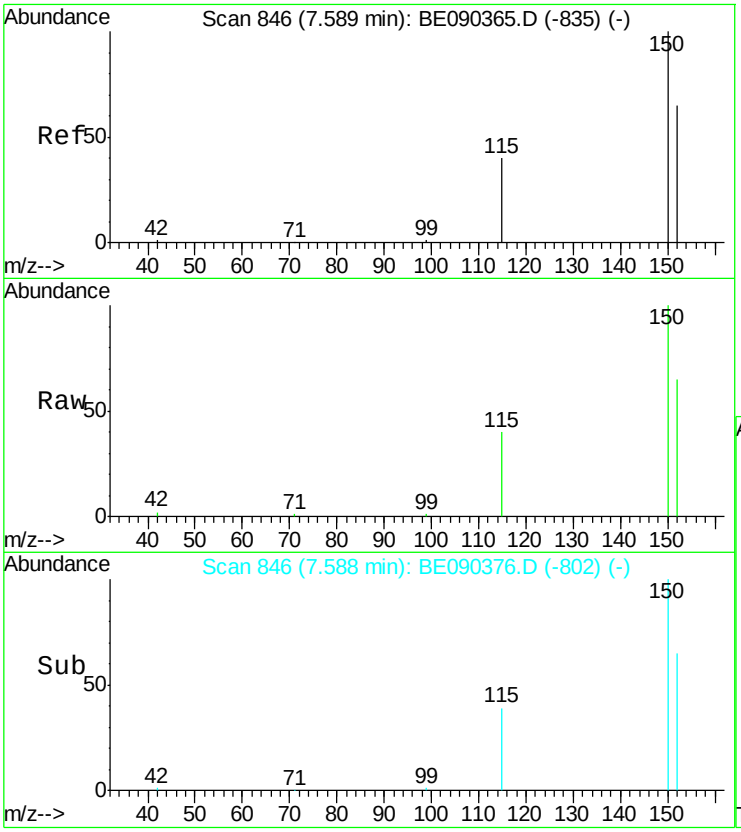
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080515\
Data File : BE090376.D
Acq On : 6 Aug 2015 1:18
Operator : TP/UM
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Quant Time: Aug 06 02:35:42 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 02:22:05 2015
Response via : Initial Calibration



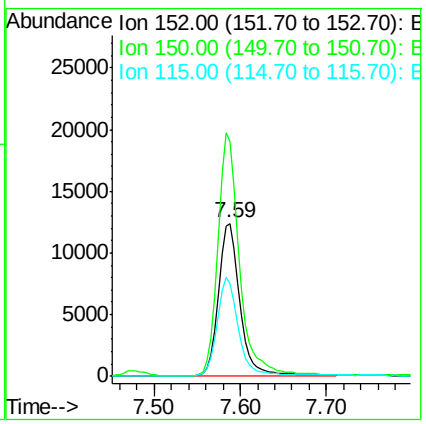


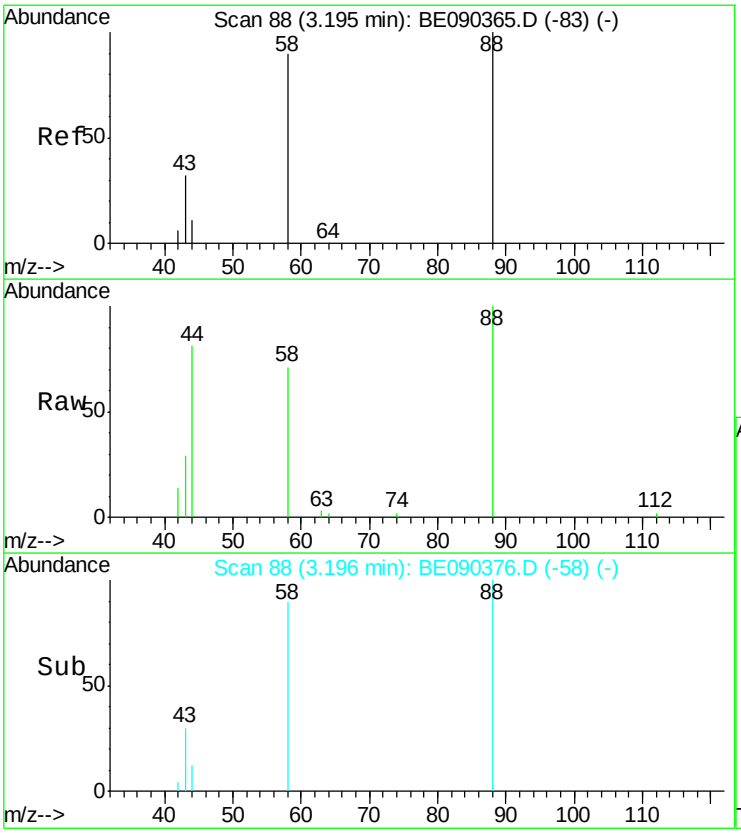
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.59 min Scan# 846
Delta R.T. -0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 21761

Ion	Ratio	Lower	Upper
152	100		
150	153.0	123.0	184.4
115	60.7	48.9	73.3

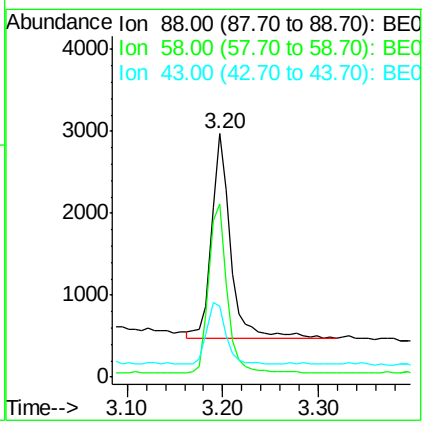


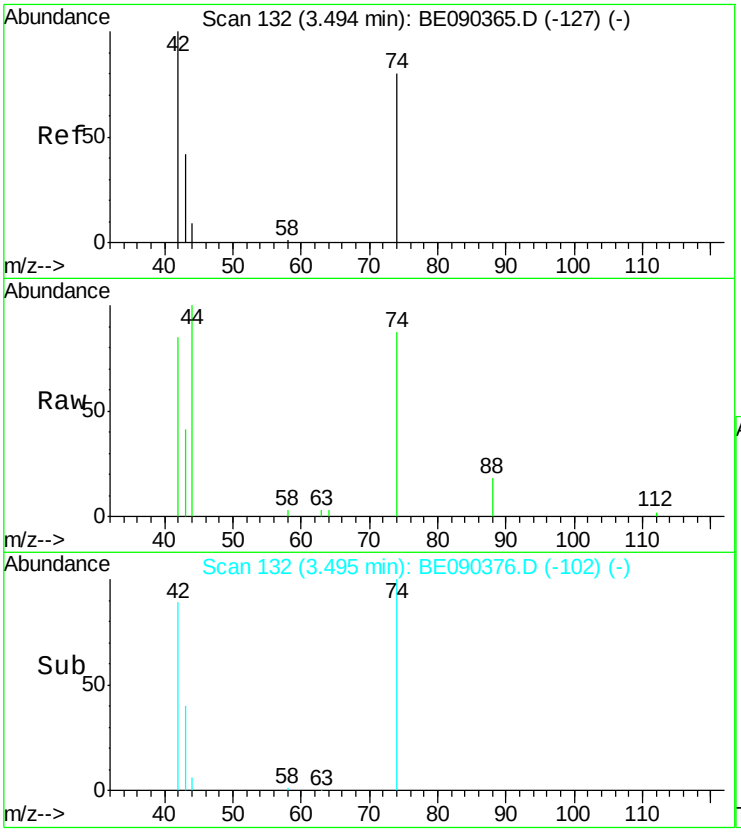


#2
1,4-Dioxane
Concen: 1.24 ng
RT: 3.20 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Tgt Ion: 88 Resp: 3459

Ion	Ratio	Lower	Upper
88	100		
58	78.1	70.0	105.0
43	29.7	28.4	42.6



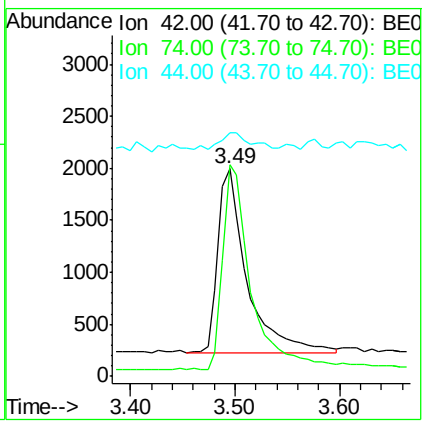


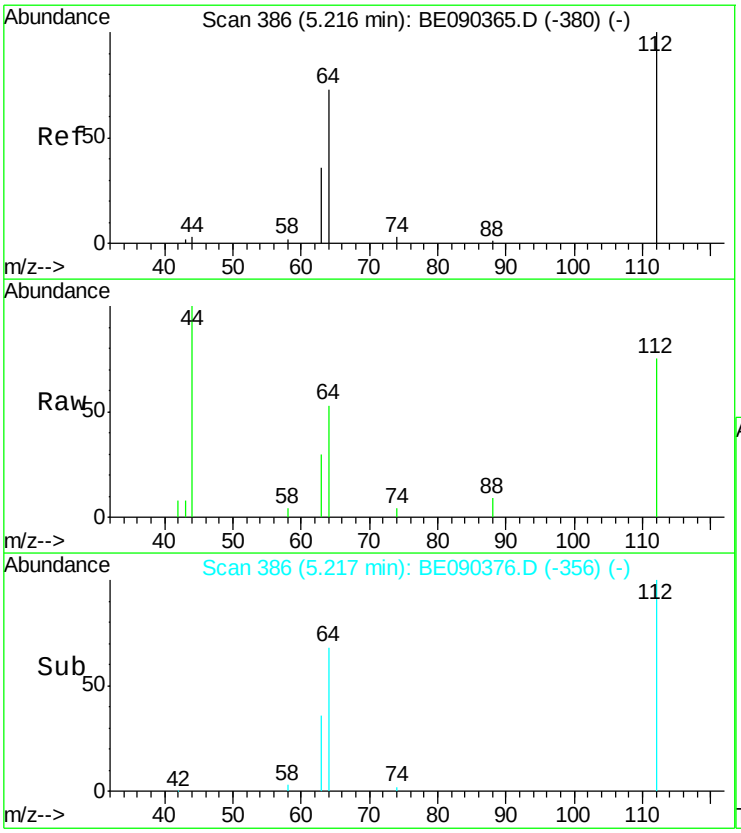
#3
n-Nitrosodimethylamine
Concen: 1.02 ng
RT: 3.49 min Scan# 132
Delta R.T. 0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 42 Resp: 3426

Ion	Ratio	Lower	Upper
42	100		
74	113.3	75.2	112.8#
44	13.9	8.7	13.1#

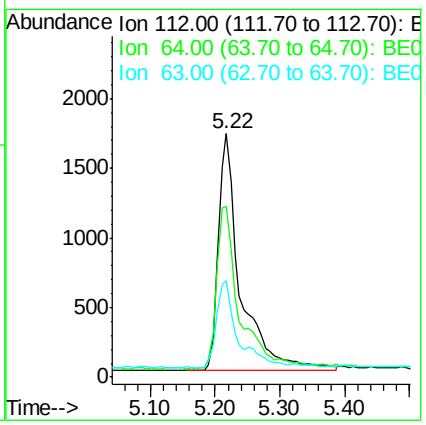


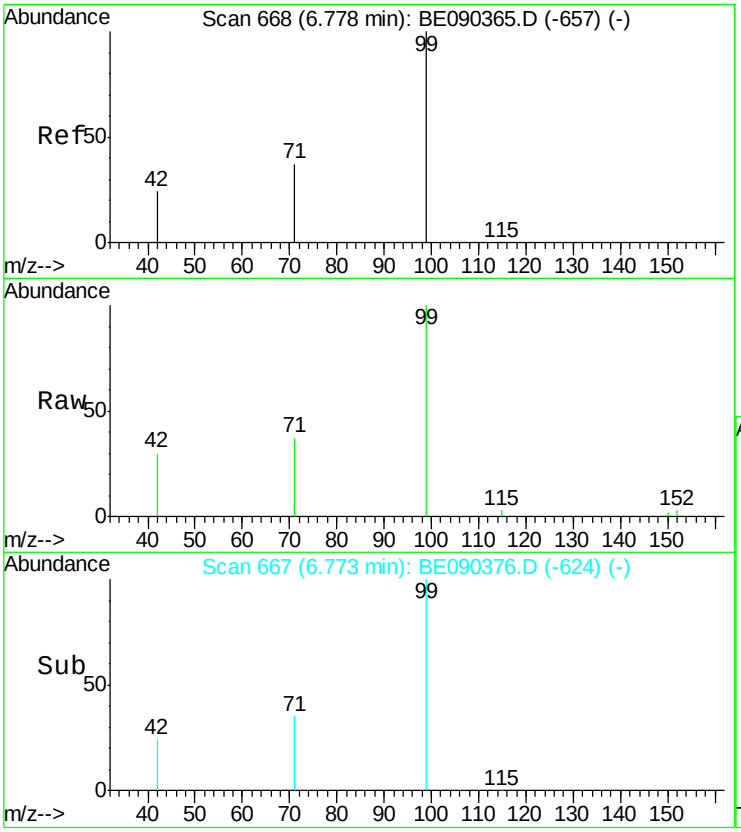


#4
2-Fluorophenol
Concen: 1.21 ng
RT: 5.22 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Tgt Ion:112 Resp: 4025

Ion	Ratio	Lower	Upper
112	100		
64	71.3	37.1	55.7#
63	35.8	19.5	29.3#



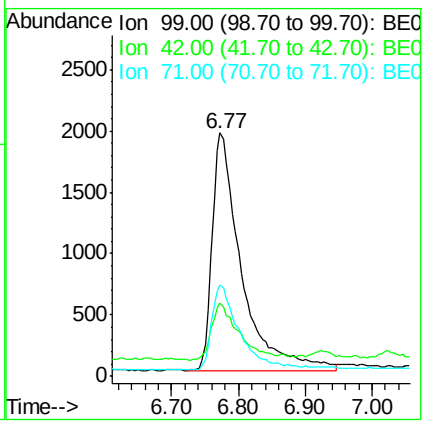


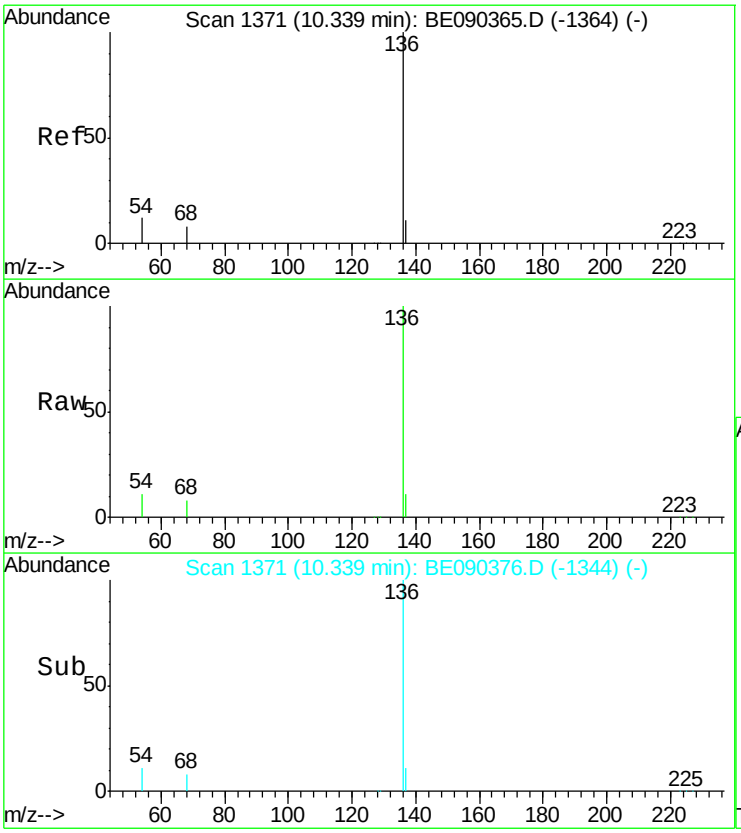
#5
Phenol-d6
Concen: 1.05 ng
RT: 6.77 min Scan# 667
Delta R.T. -0.01 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 99 Resp: 5893

Ion	Ratio	Lower	Upper
99	100		
42	22.6	18.2	27.4
71	34.2	27.4	41.0

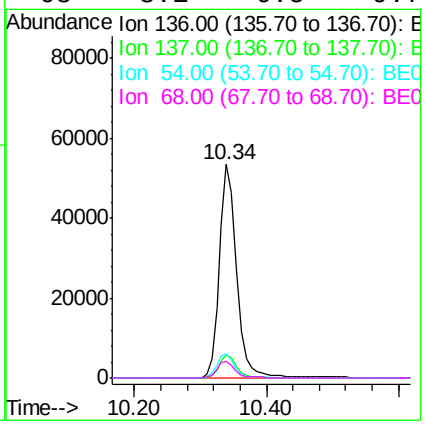


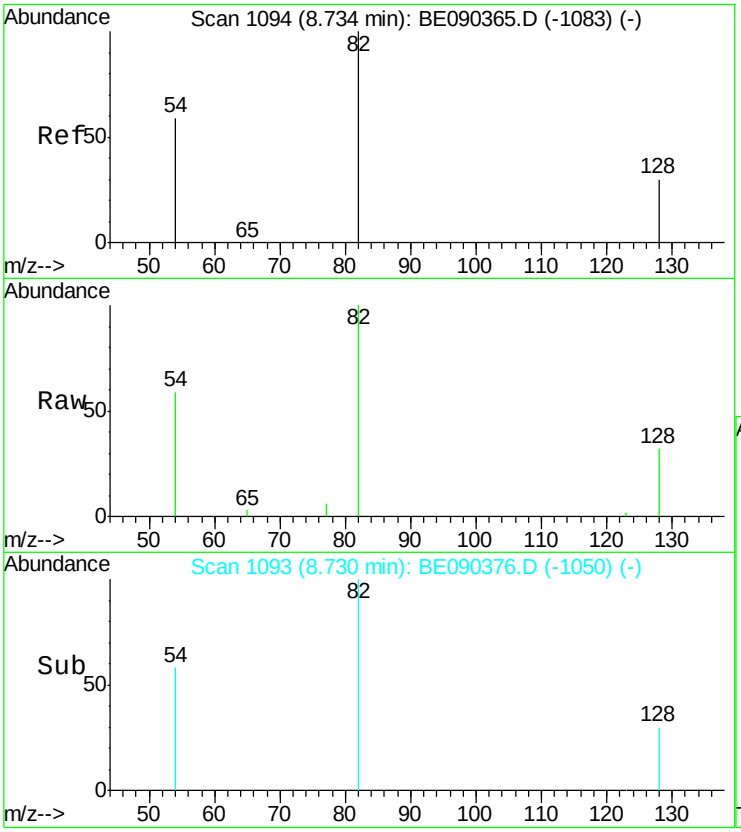


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Tgt Ion:136 Resp: 97330

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.4	9.4	14.0
68	8.1	6.5	9.7



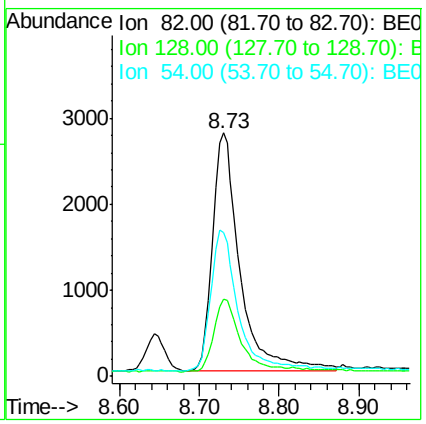


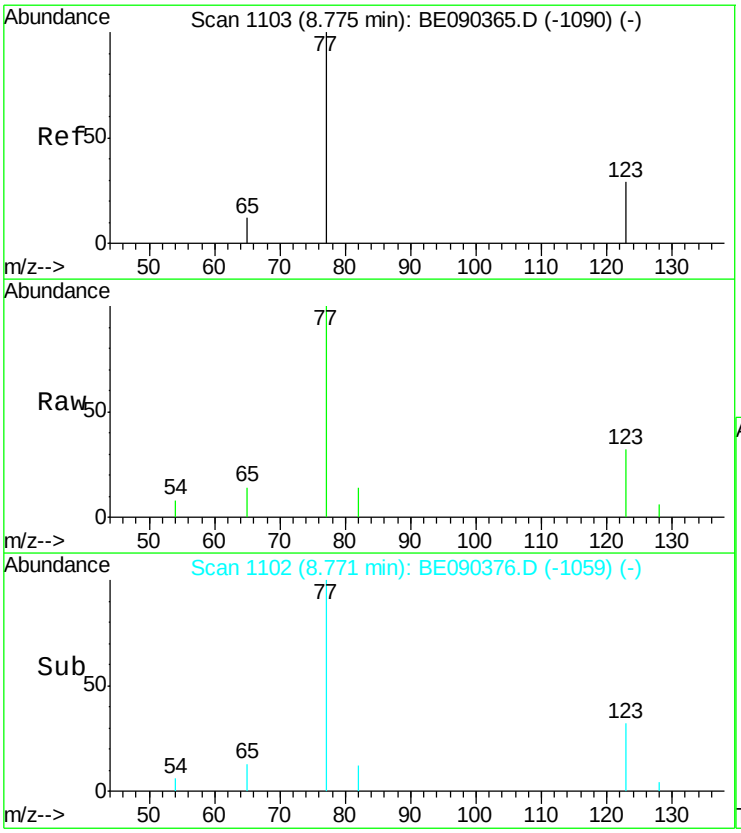
#7
Nitrobenzene-d5
Concen: 0.99 ng
RT: 8.73 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 82 Resp: 6542

Ion	Ratio	Lower	Upper
82	100		
128	31.7	25.0	37.6
54	59.2	48.8	73.2

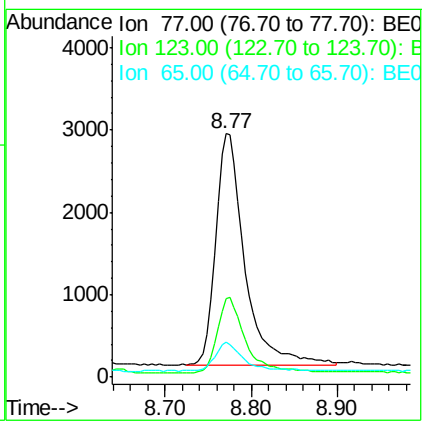


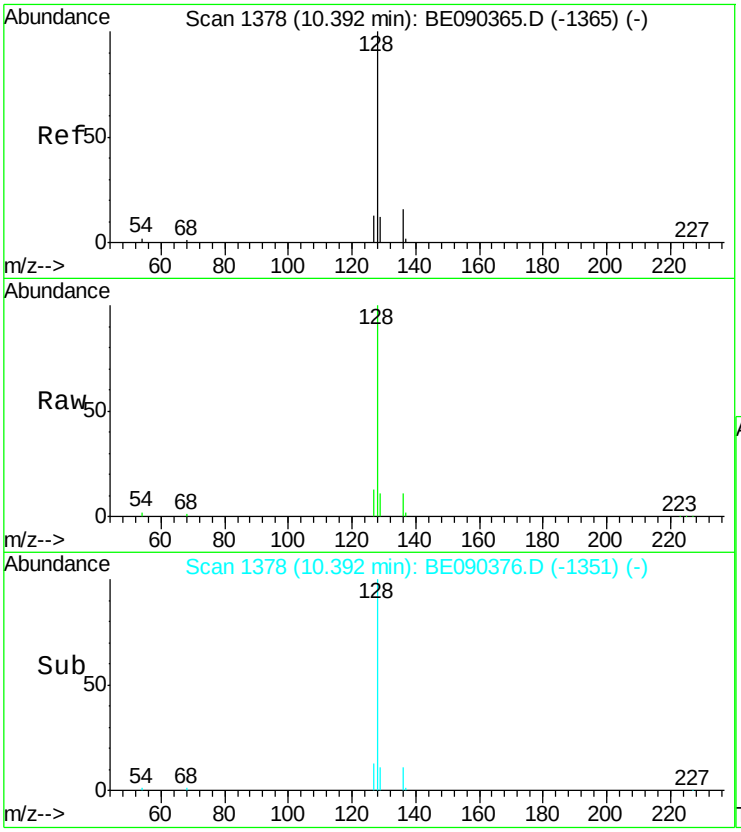


#8
Nitrobenzene
Concen: 0.96 ng
RT: 8.77 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Tgt Ion: 77 Resp: 6668

Ion	Ratio	Lower	Upper
77	100		
123	32.2	25.1	37.7
65	11.6	9.3	13.9



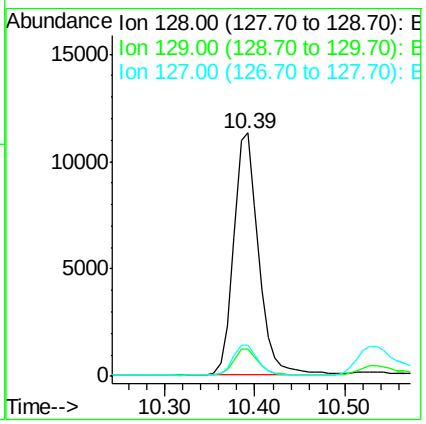


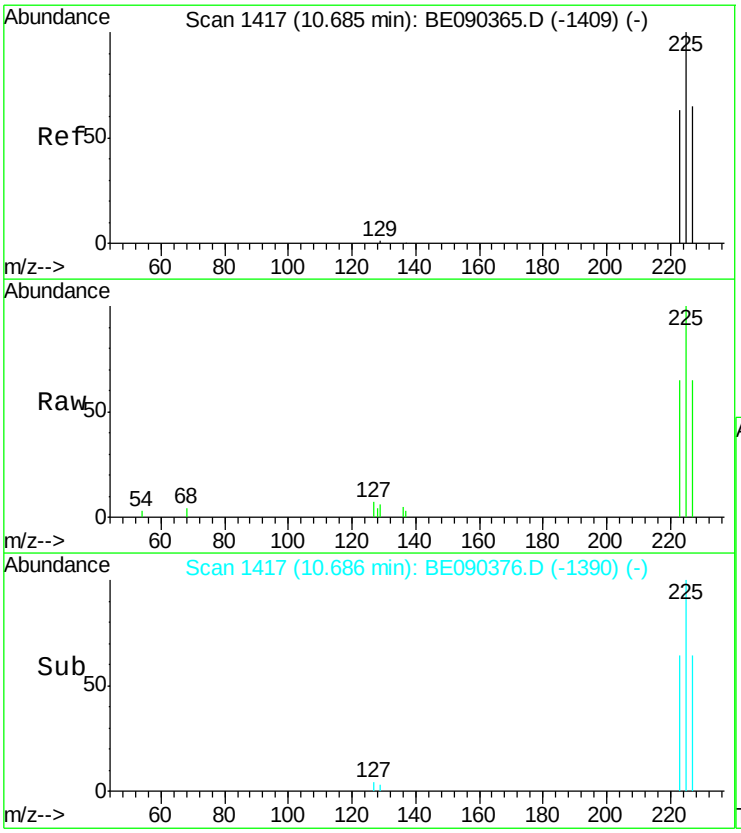
#9
Naphthalene
Concen: 1.00 ng
RT: 10.39 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:128 Resp: 21595

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.6
127	12.9	10.6	16.0

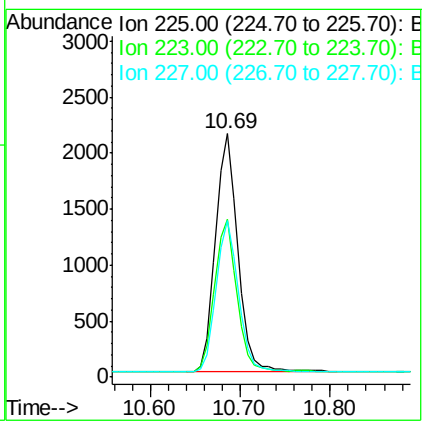


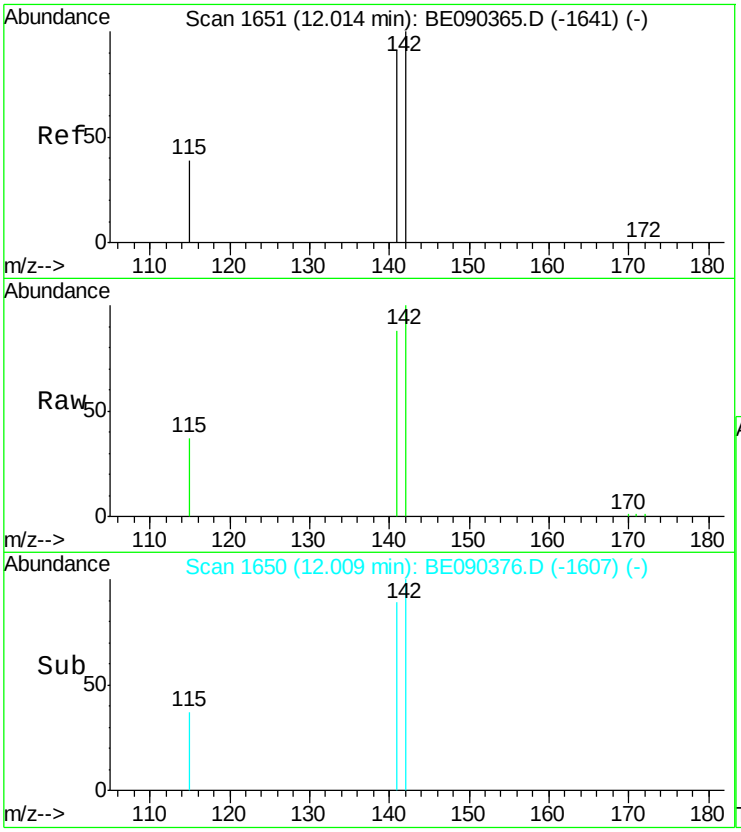


#10
Hexachlorobutadiene
Concen: 1.07 ng
RT: 10.69 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Tgt Ion:225 Resp: 3681

Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	75.8
227	63.2	50.7	76.1



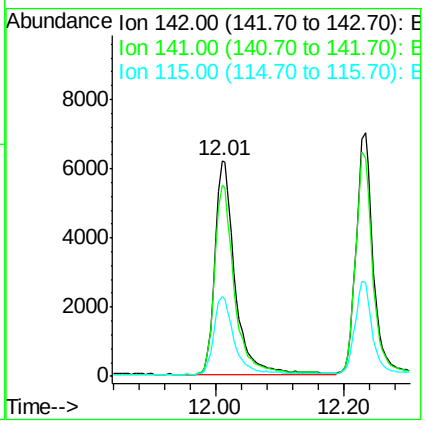


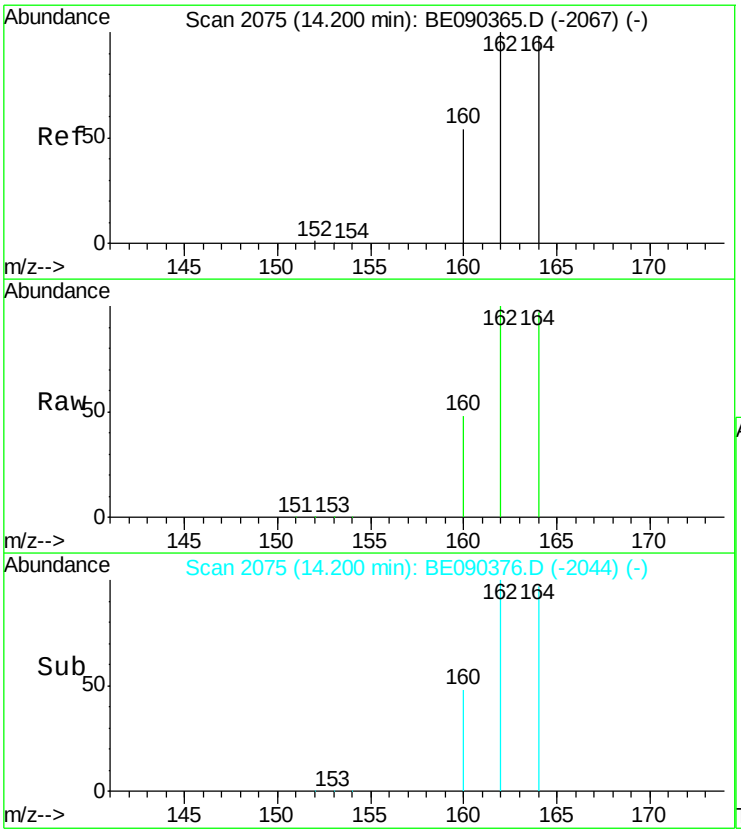
#11
2-Methylnaphthalene
Concen: 1.07 ng
RT: 12.01 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:142 Resp: 13295

Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.6	109.0
115	37.2	31.6	47.4

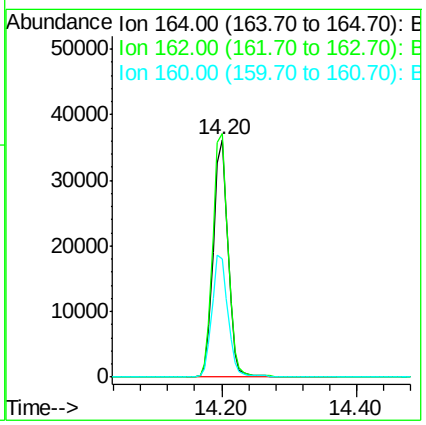


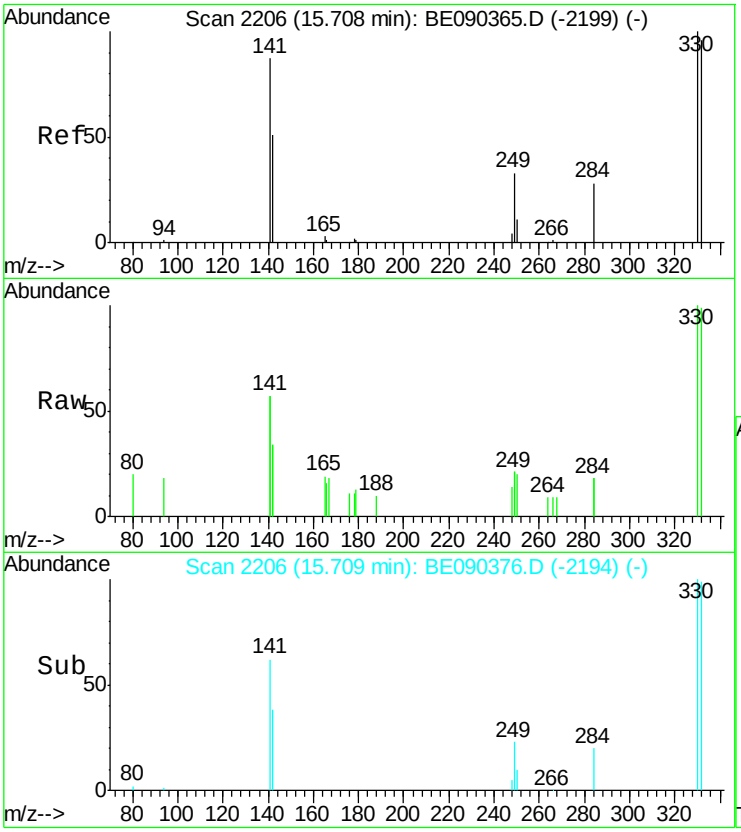


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Tgt Ion:164 Resp: 54469

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.8	122.8
160	49.5	44.2	66.4



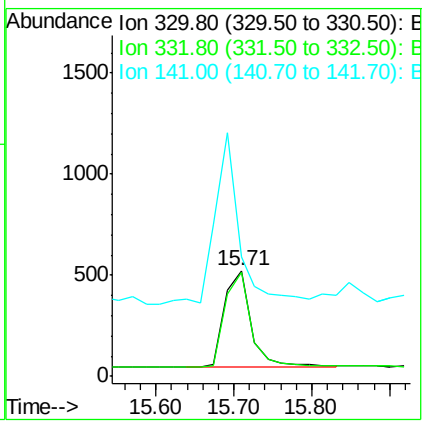


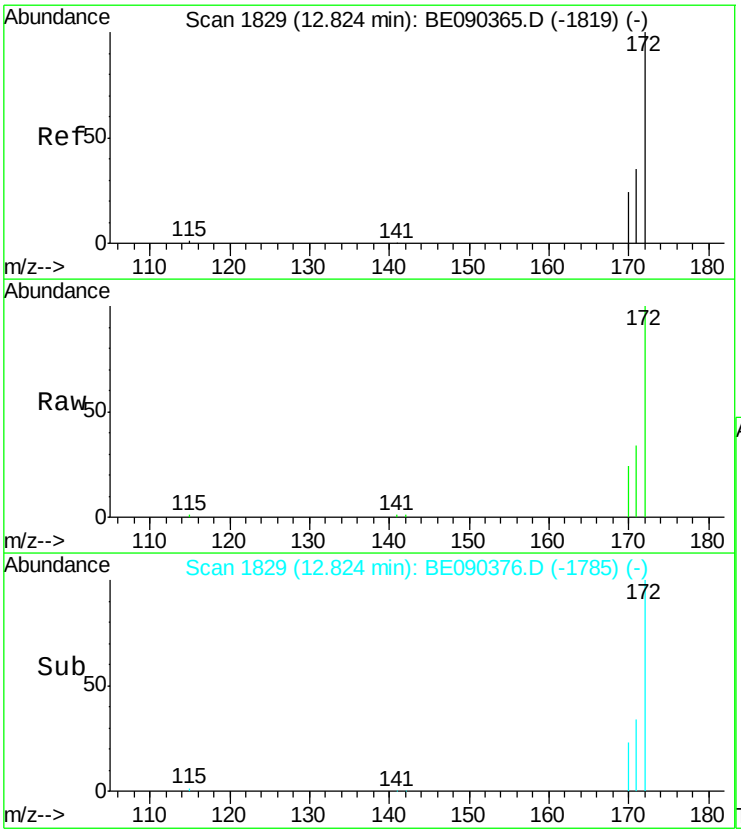
#13
2,4,6-Tribromophenol
Concen: 1.22 ng
RT: 15.71 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:330 Resp: 1137

Ion	Ratio	Lower	Upper
330	100		
332	98.4	75.8	113.6
141	165.6	114.4	171.6

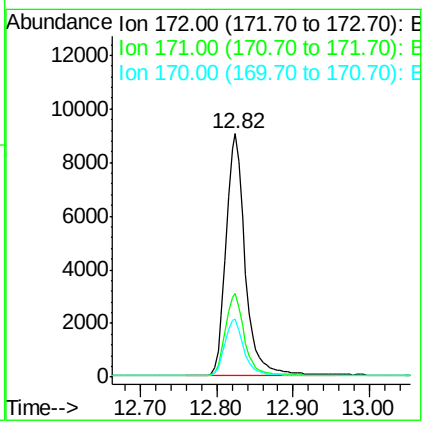


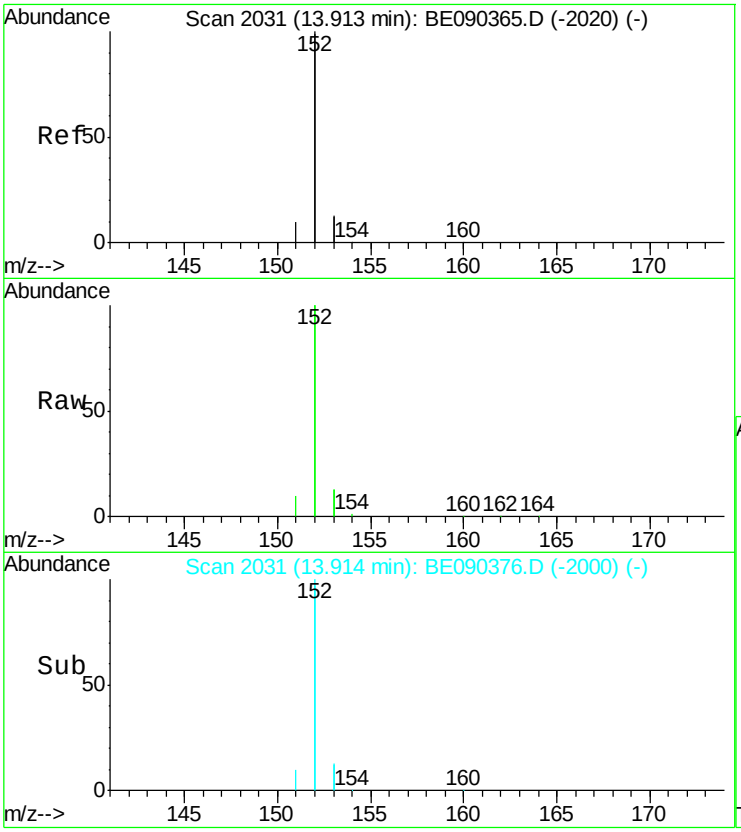


#14
2-Fluorobiphenyl
Concen: 1.06 ng
RT: 12.82 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Tgt Ion:172 Resp: 15936

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.5	42.7
170	23.6	19.8	29.8



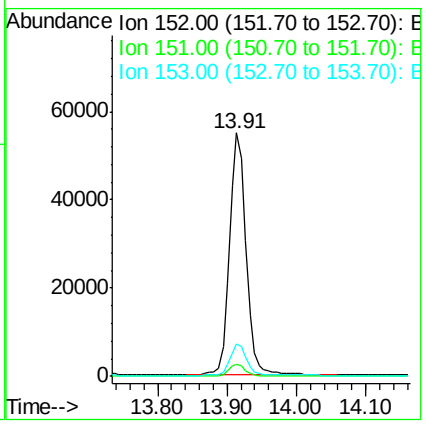


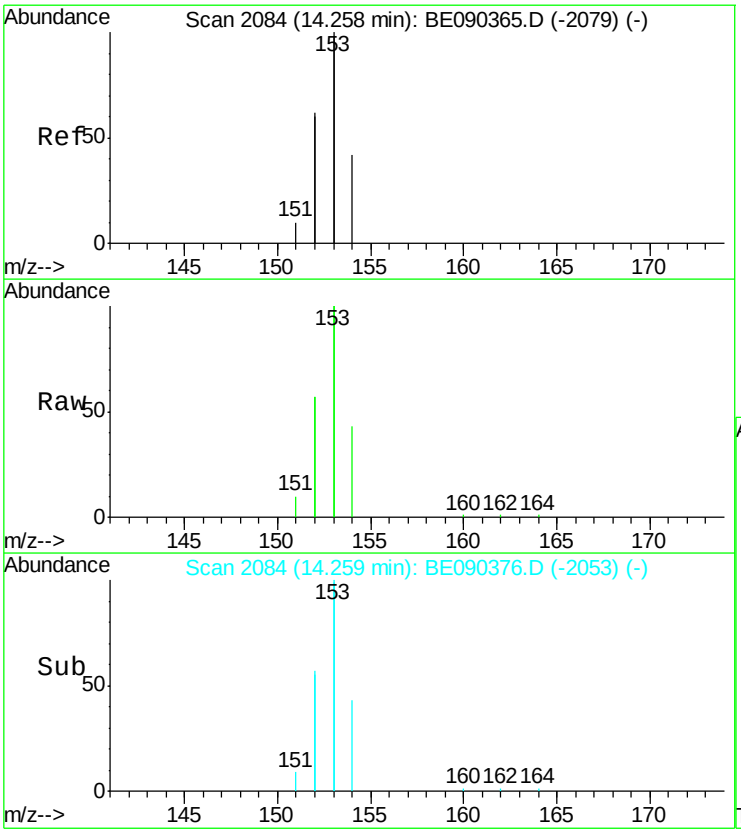
#15
Acenaphthylene
Concen: 1.05 ng
RT: 13.91 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 92504

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

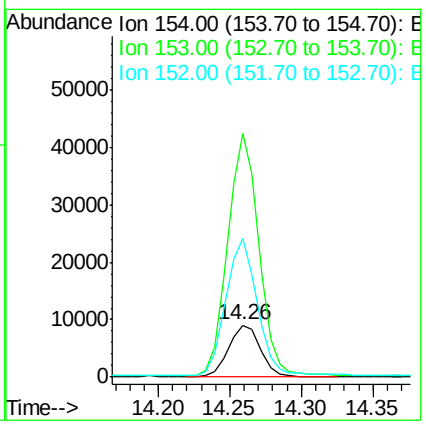


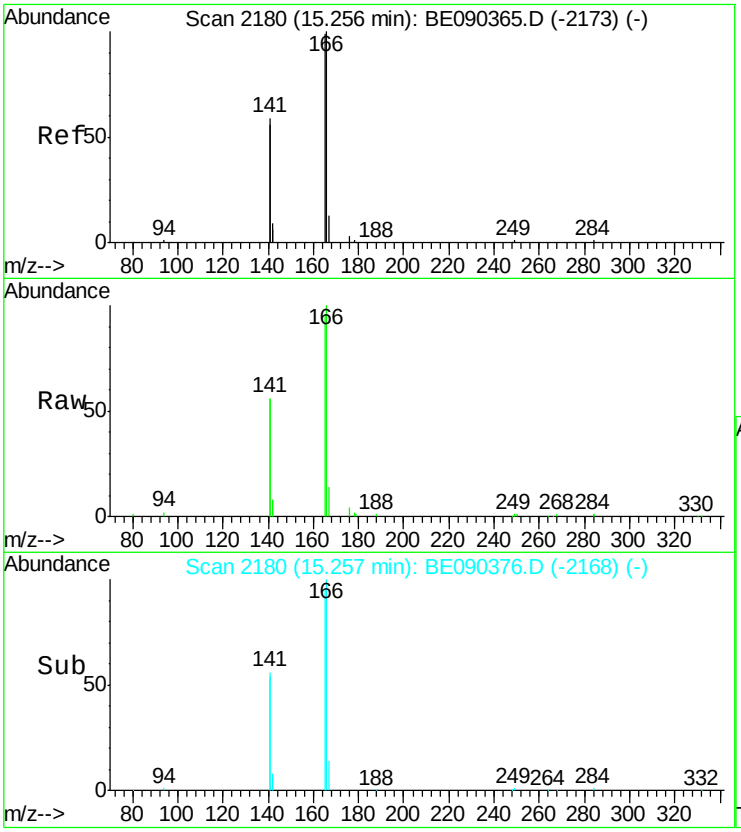


#16
Acenaphthene
Concen: 1.00 ng
RT: 14.26 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Tgt Ion:154 Resp: 13681

Ion	Ratio	Lower	Upper
154	100		
153	465.1	376.2	564.2
152	264.0	235.0	352.4



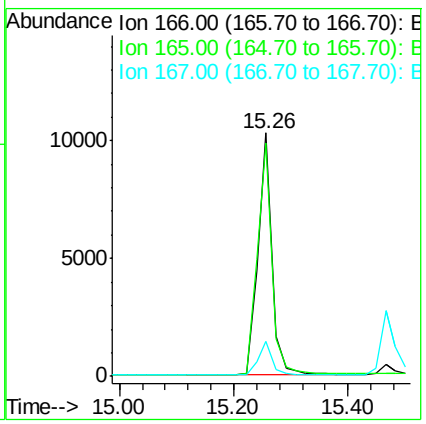


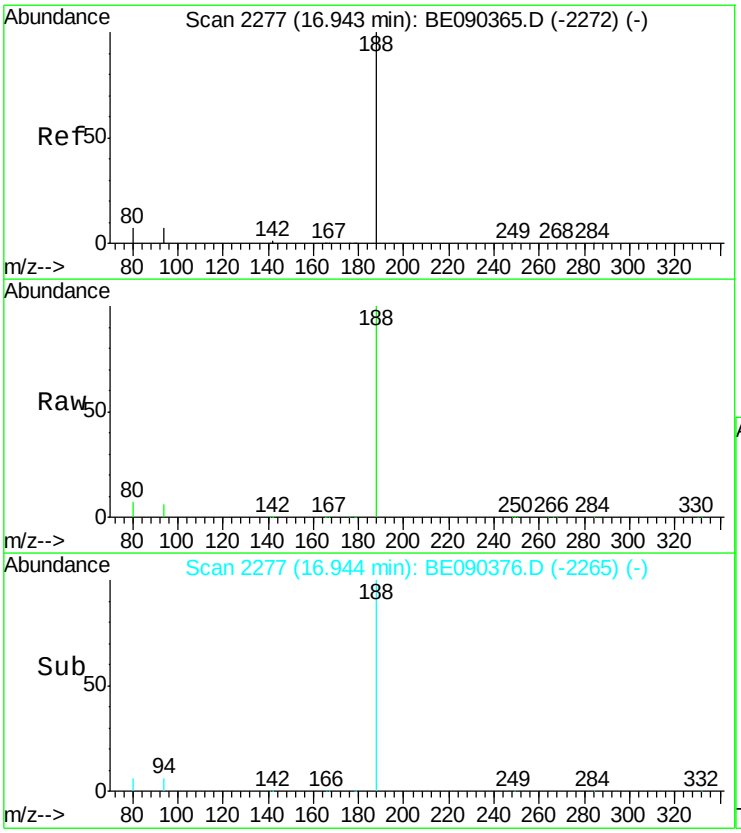
#17
Fluorene
Concen: 1.00 ng
RT: 15.26 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:166 Resp: 17896

Ion	Ratio	Lower	Upper
166	100		
165	100.3	81.5	122.3
167	14.1	11.4	17.0

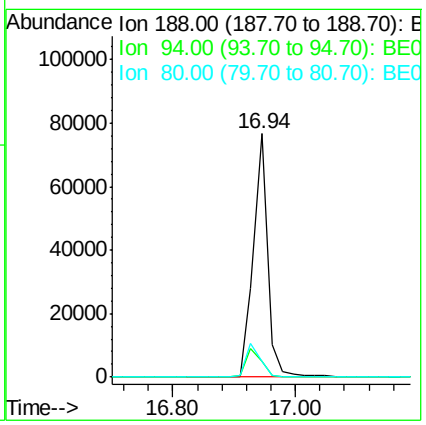


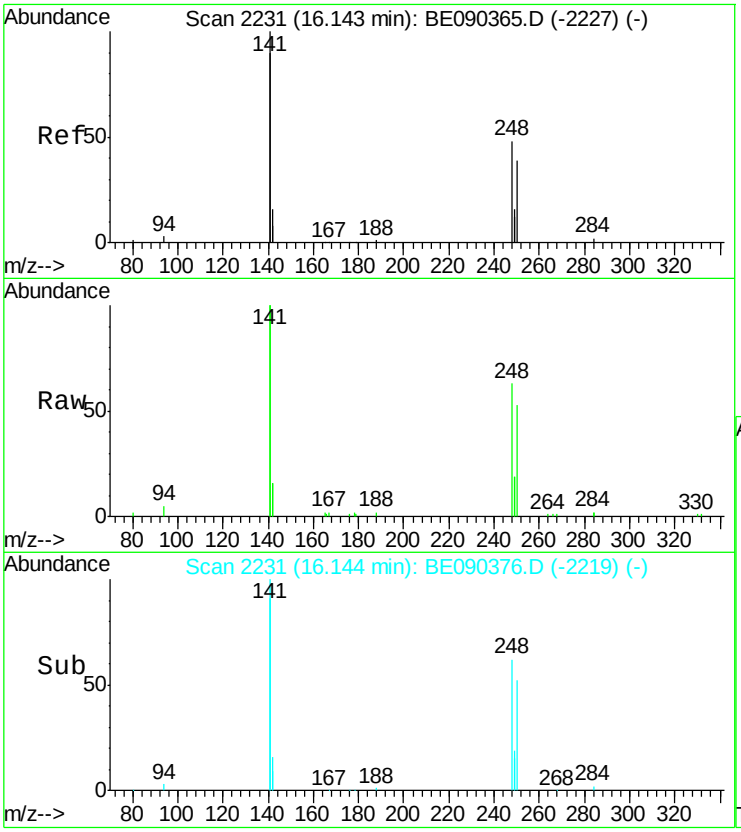


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Tgt Ion:188 Resp: 124291

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.7	8.5
80	6.6	5.8	8.8



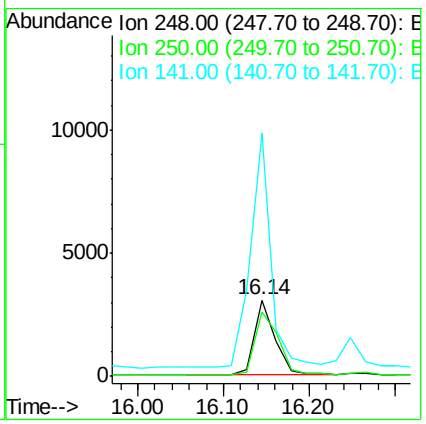


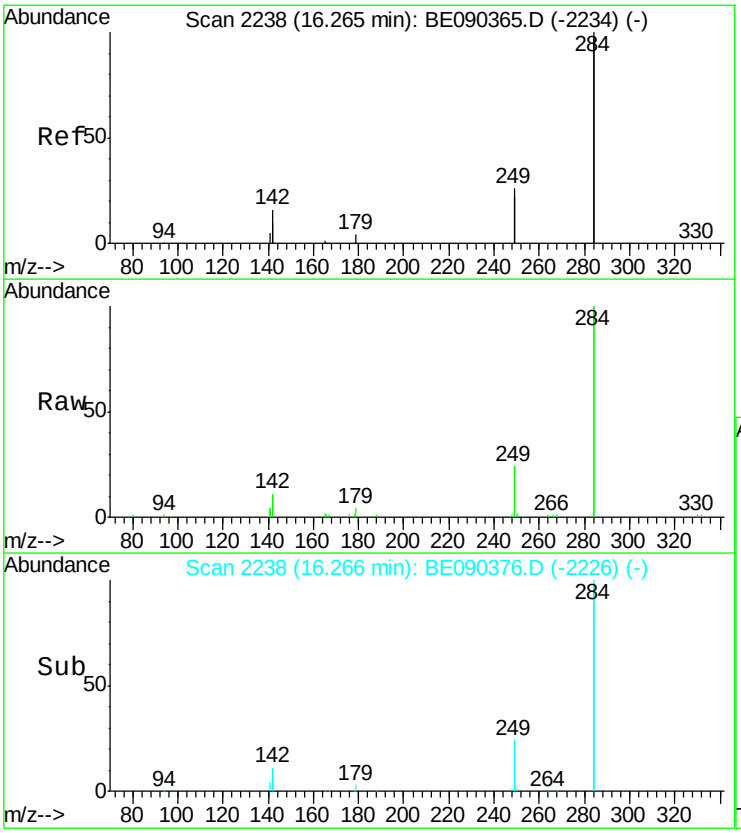
#19
4-Bromophenyl-phenylether
Concen: 1.08 ng
RT: 16.14 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:248 Resp: 5209

Ion	Ratio	Lower	Upper
248	100		
250	95.9	79.0	118.6
141	305.8	239.5	359.3

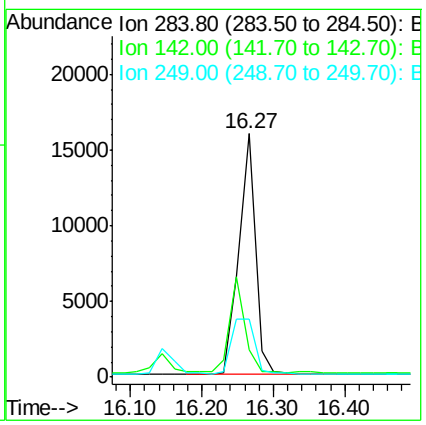


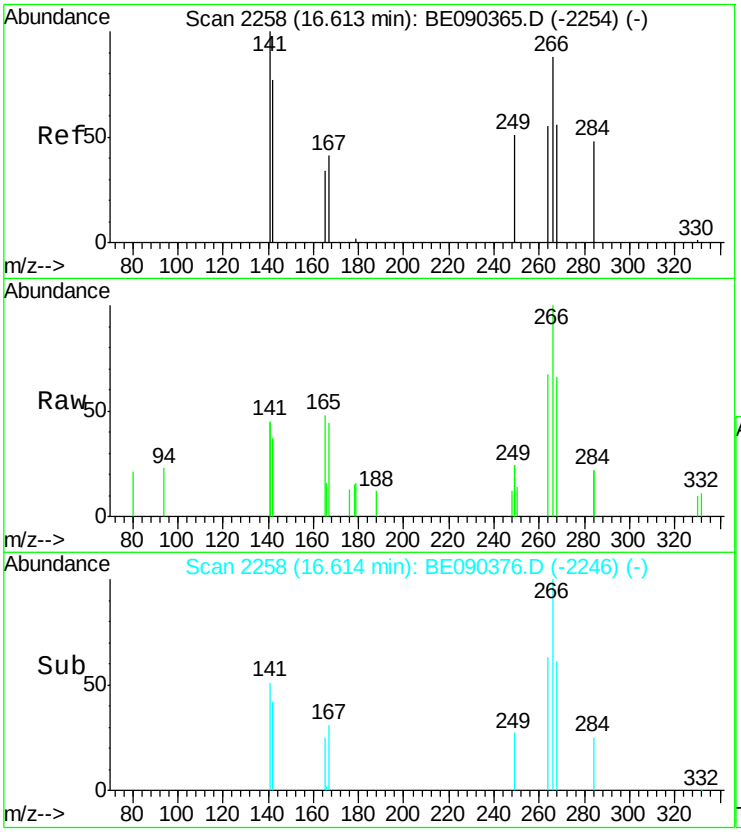


#20
Hexachlorobenzene
Concen: 1.01 ng
RT: 16.27 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Tgt Ion:284 Resp: 25336

Ion	Ratio	Lower	Upper
284	100		
142	37.1	30.1	45.1
249	31.9	25.7	38.5



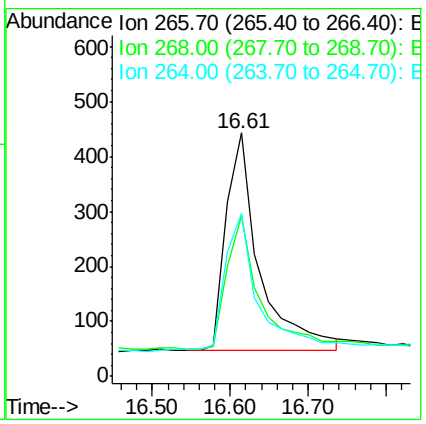


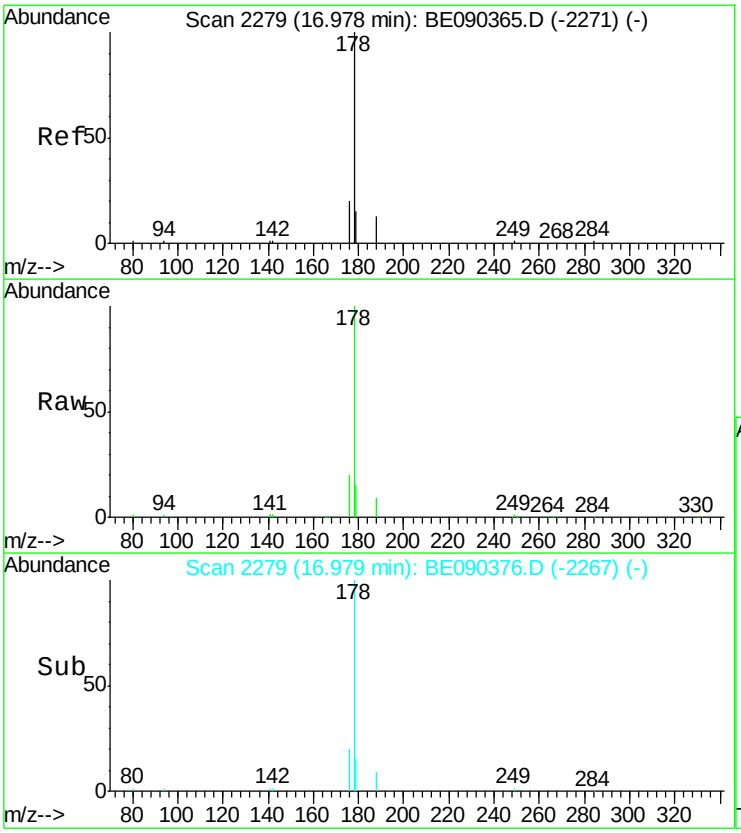
#21
Pentachlorophenol
Concen: 1.33 ng
RT: 16.61 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:266 Resp: 1163

Ion	Ratio	Lower	Upper
266	100		
268	65.7	58.5	87.7
264	67.0	56.0	84.0

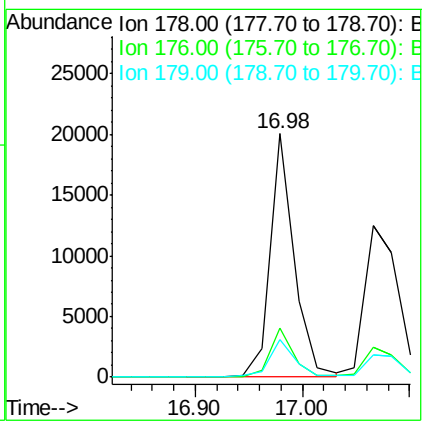


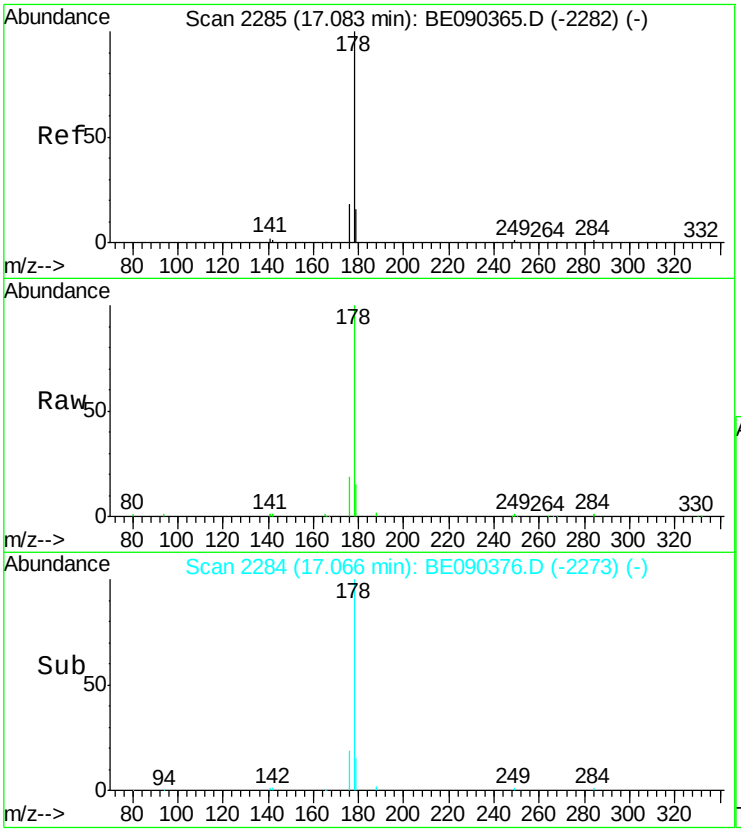


#22
Phenanthrene
Concen: 0.99 ng
RT: 16.98 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Tgt Ion:178 Resp: 30941

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.5	12.5	18.7



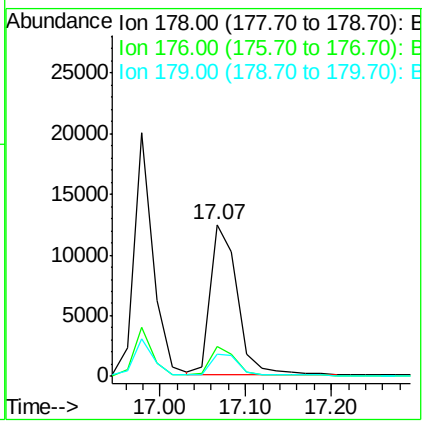


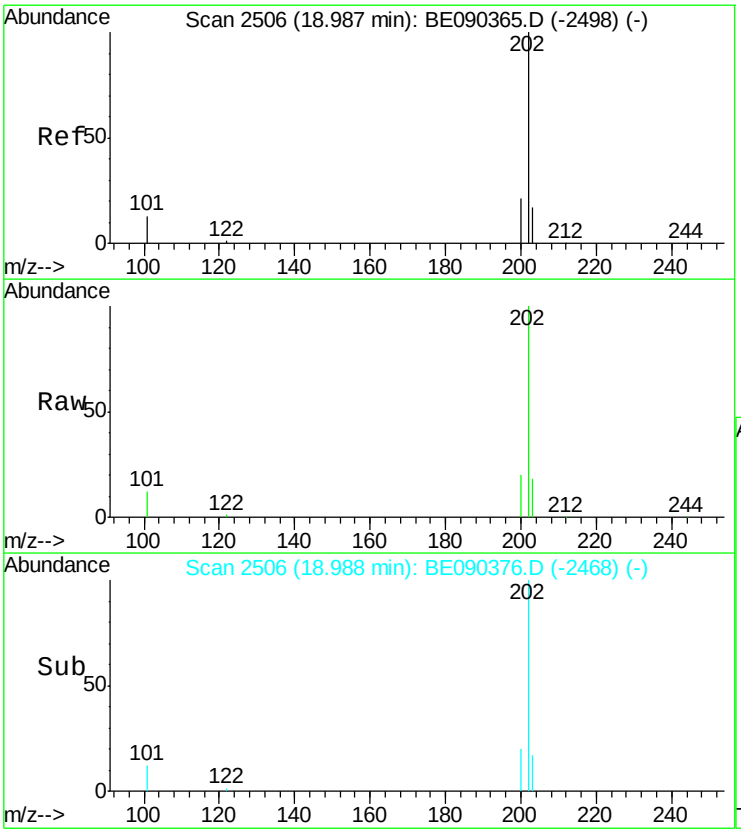
#23
Anthracene
Concen: 1.06 ng
RT: 17.07 min Scan# 2284
Delta R.T. -0.02 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:178 Resp: 27172

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	15.1	12.2	18.4

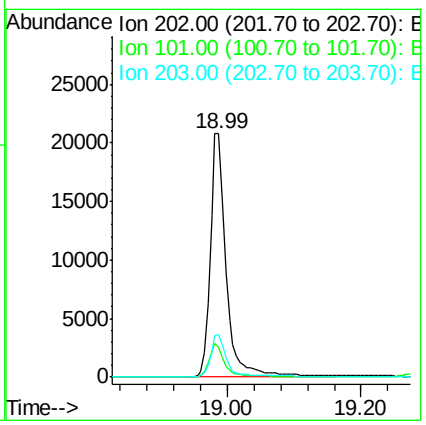


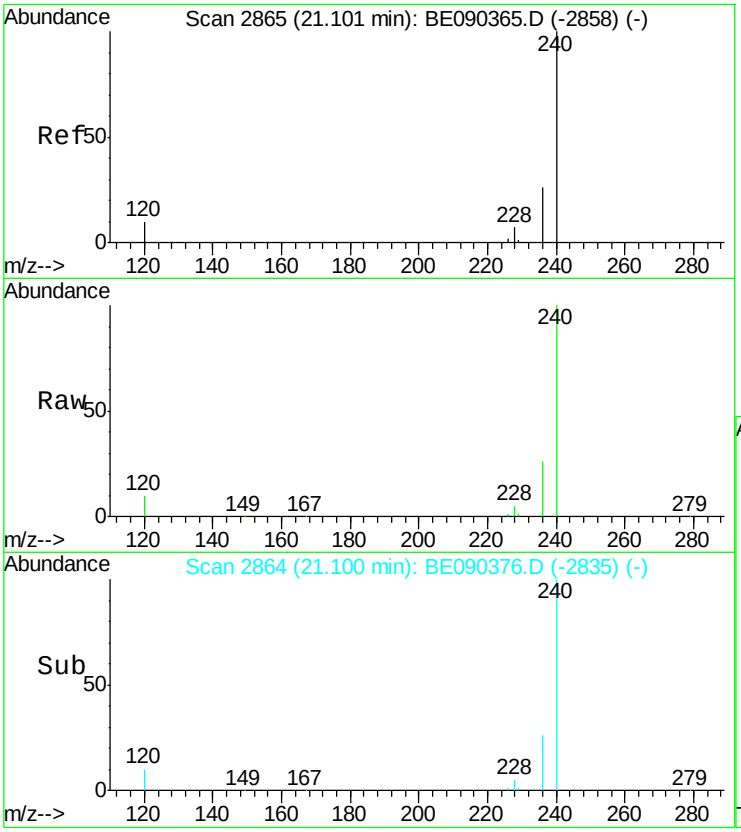


#24
Fluoranthene
Concen: 1.10 ng
RT: 18.99 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Tgt Ion:202 Resp: 33603

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.3	15.5
203	17.3	13.7	20.5



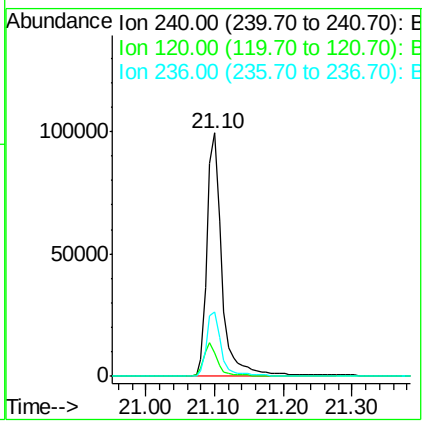


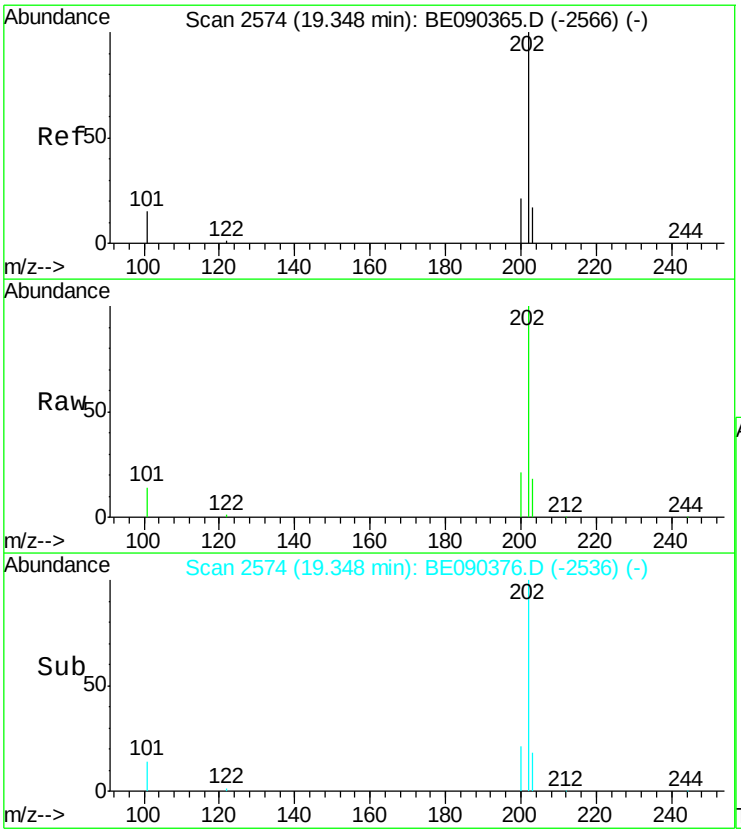
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.10 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:240 Resp: 151157

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.3	12.5
236	26.4	21.0	31.4

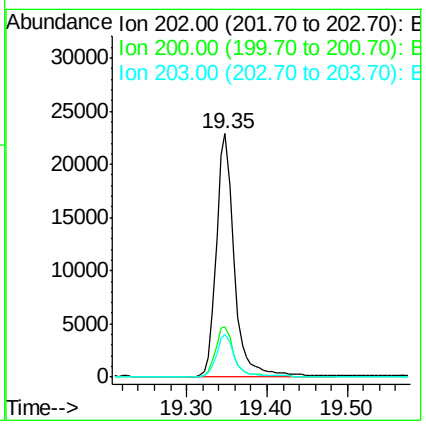


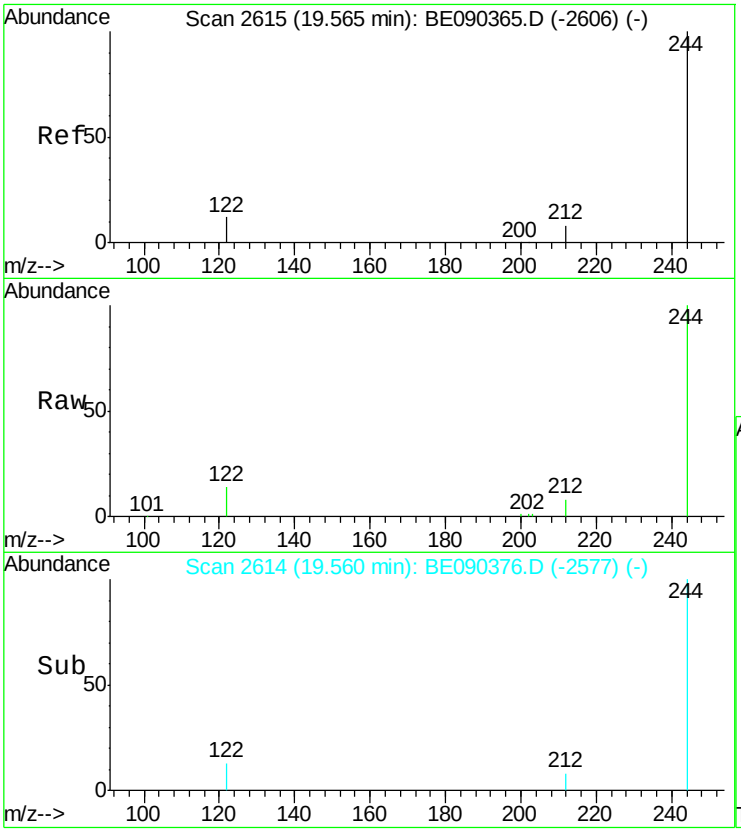


#26
Pyrene
Concen: 1.08 ng
RT: 19.35 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Tgt Ion:202 Resp: 35334

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.5	13.8	20.8



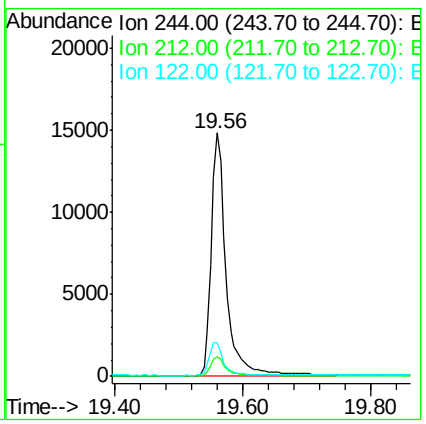


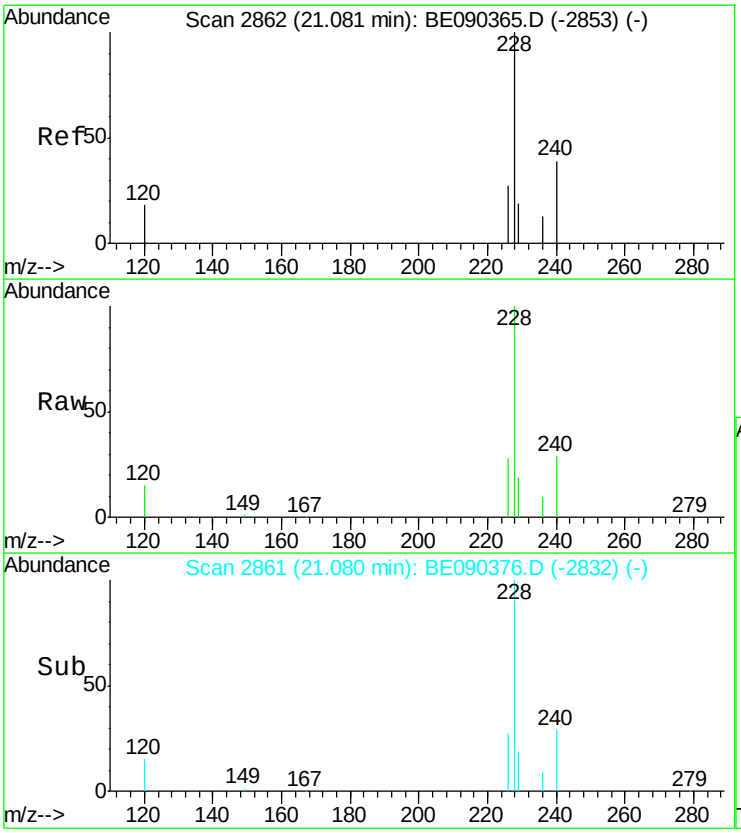
#27
Terphenyl-d14
Concen: 1.07 ng
RT: 19.56 min Scan# 2614
Delta R.T. -0.01 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:244 Resp: 23935

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	9.8
122	13.6	10.2	15.4

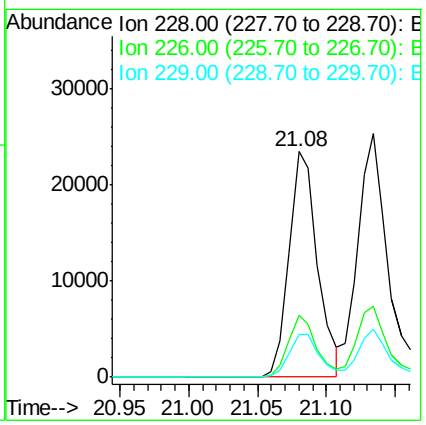


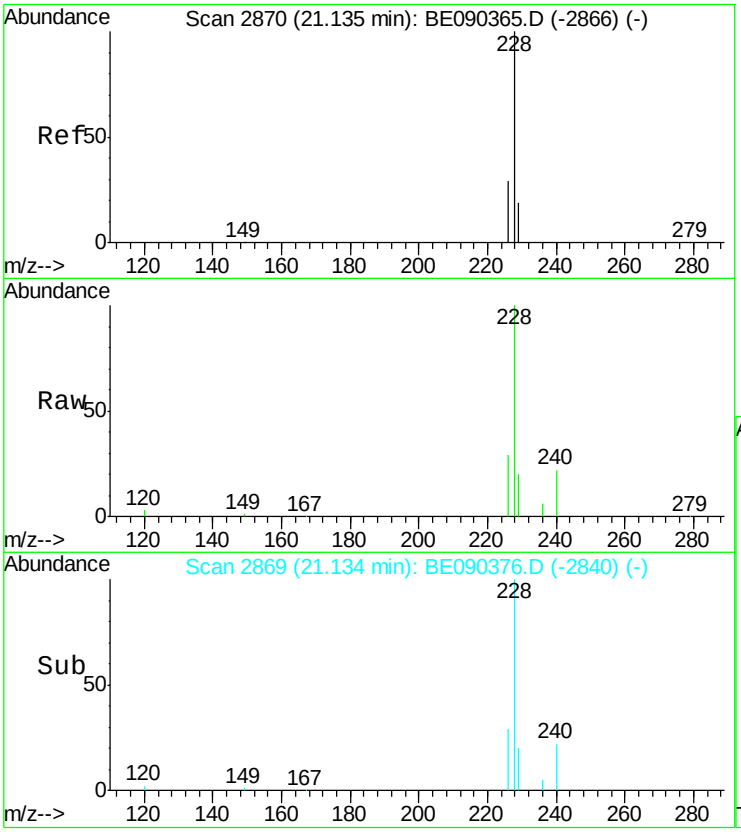


#28
Benzo(a)anthracene
Concen: 1.00 ng
RT: 21.08 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Tgt Ion:228 Resp: 33445

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.9	32.9
229	19.1	15.4	23.0



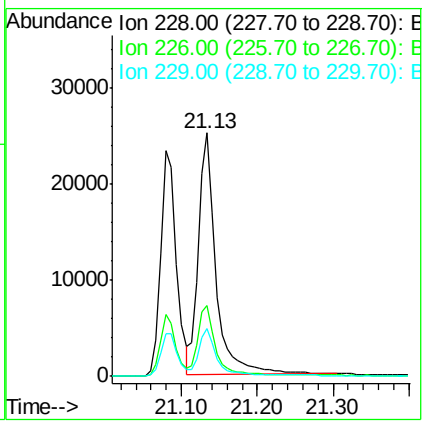


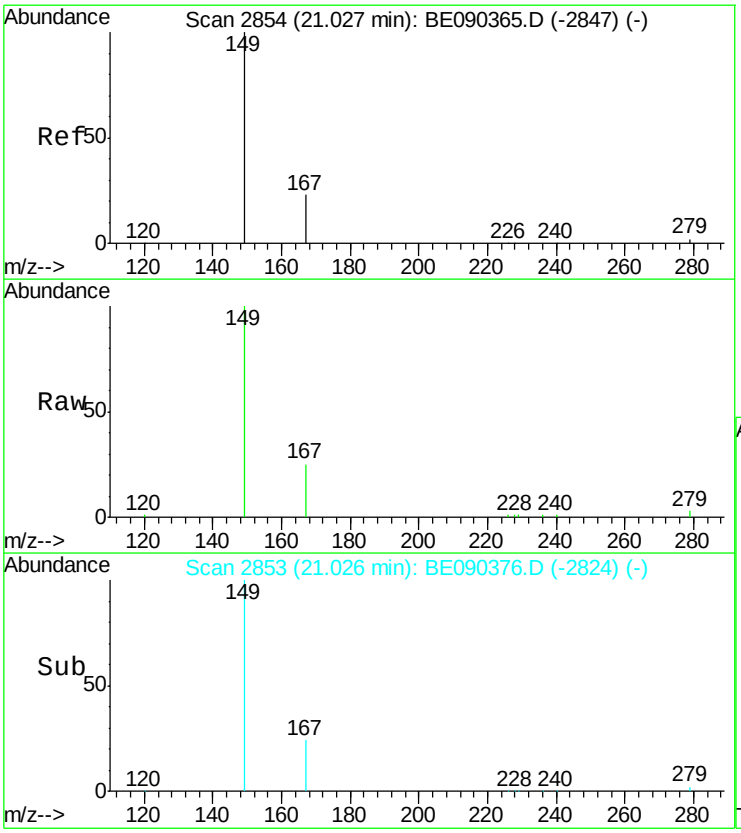
#29
Chrysene
Concen: 1.01 ng
RT: 21.13 min Scan# 2869
Delta R.T. -0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:228 Resp: 40898

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.1	34.7
229	19.7	15.8	23.8

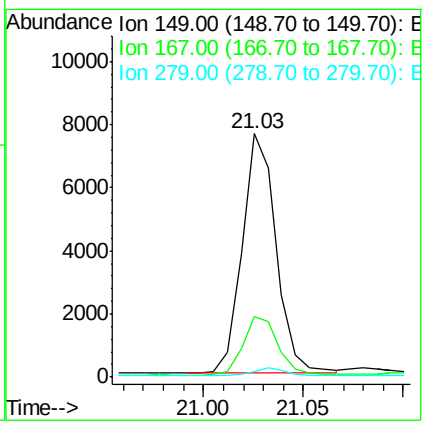


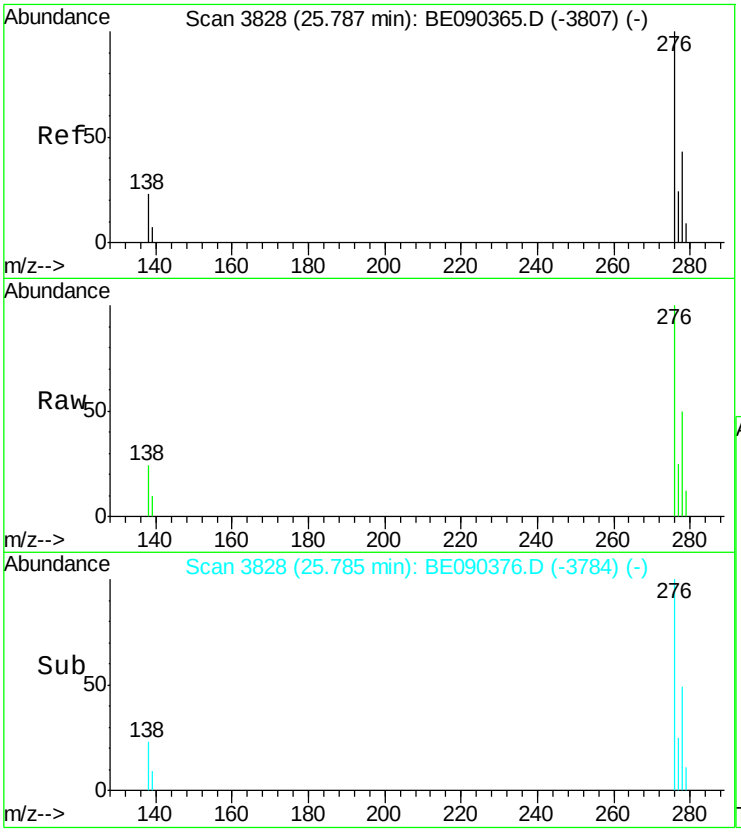


#30
Bis(2-ethylhexyl)phthalate
Concen: 1.13 ng
RT: 21.03 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Tgt Ion:149 Resp: 8961

Ion	Ratio	Lower	Upper
149	100		
167	25.3	19.8	29.8
279	3.3	2.4	3.6



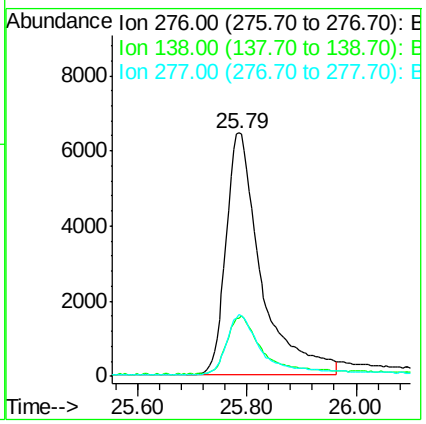


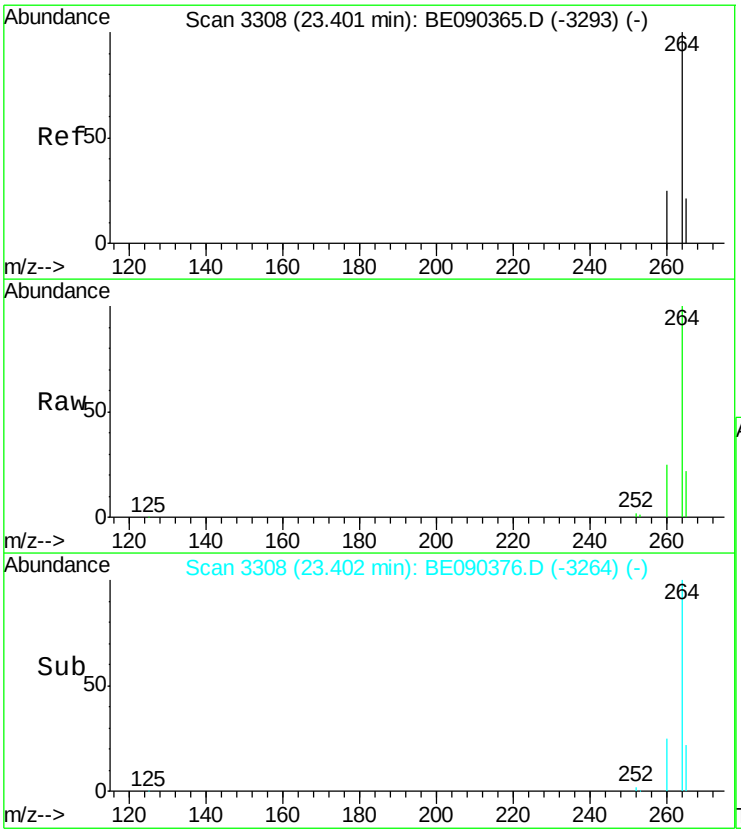
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.00 ng
RT: 25.79 min Scan# 3828
Delta R.T. -0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 28559

Ion	Ratio	Lower	Upper
276	100		
138	24.0	18.8	28.2
277	24.7	18.2	27.4

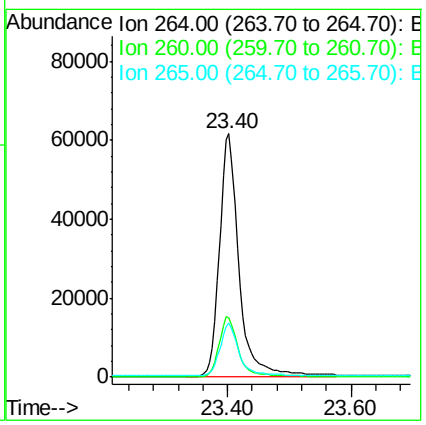


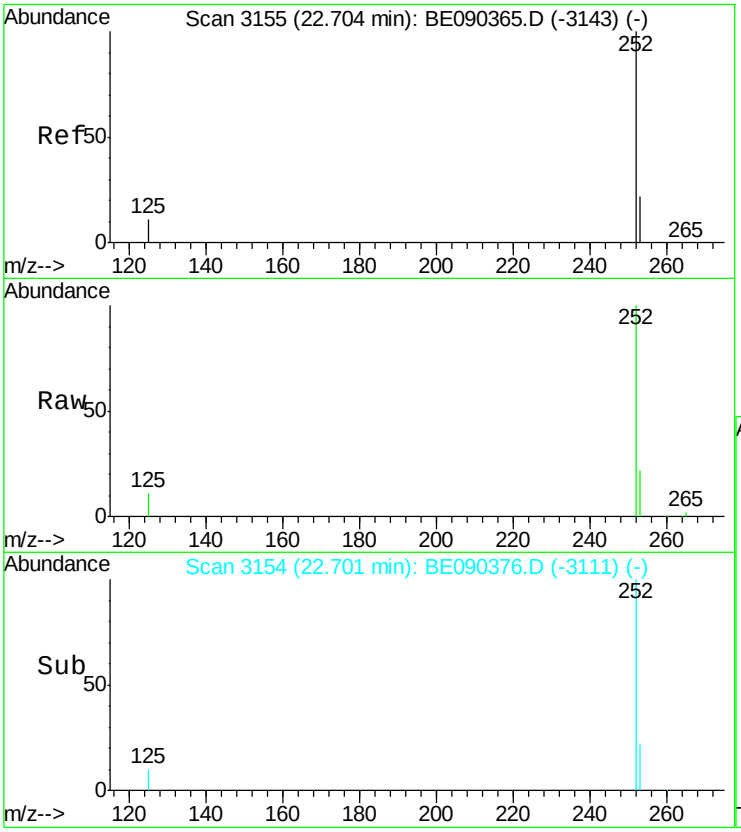


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. 0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Tgt Ion:264 Resp: 136396

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.1	30.1
265	22.0	17.2	25.8



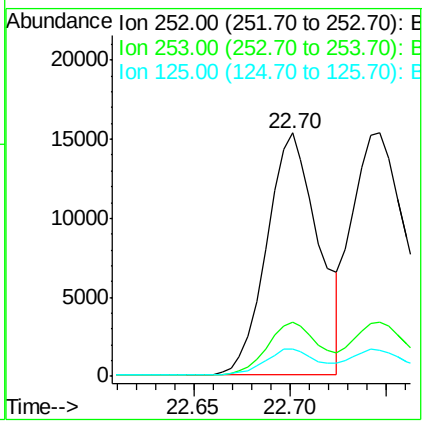


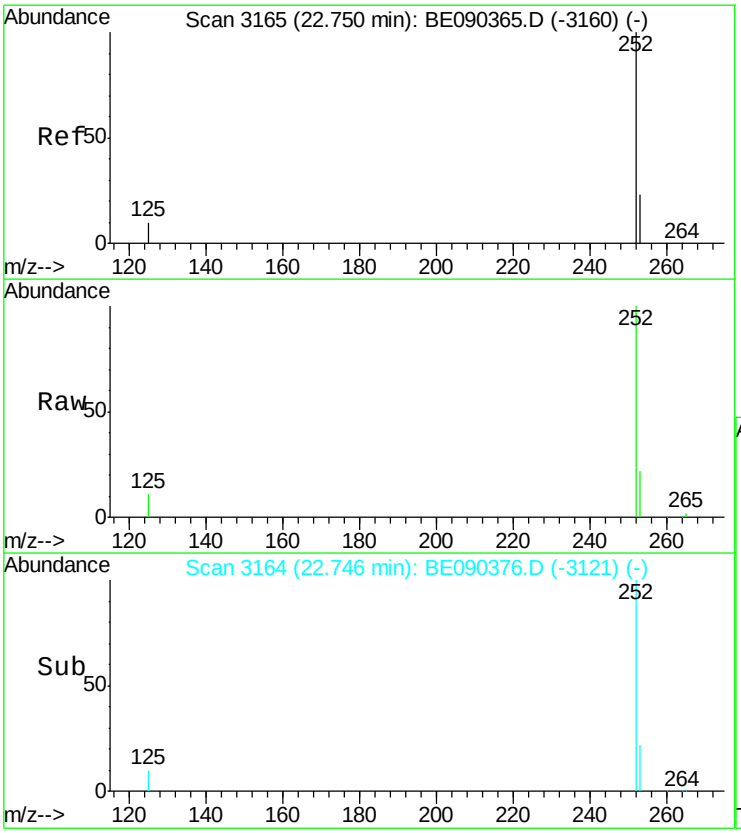
#33
Benzo(b)fluoranthene
Concen: 1.08 ng
RT: 22.70 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 28455

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	11.0	9.4	14.2

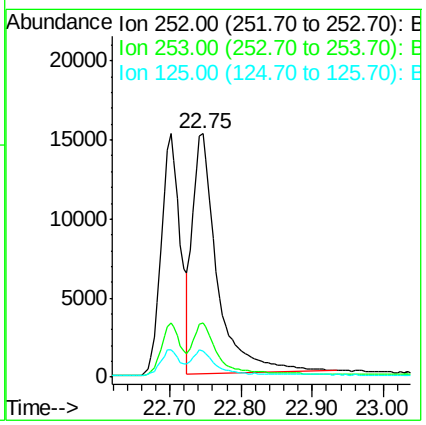


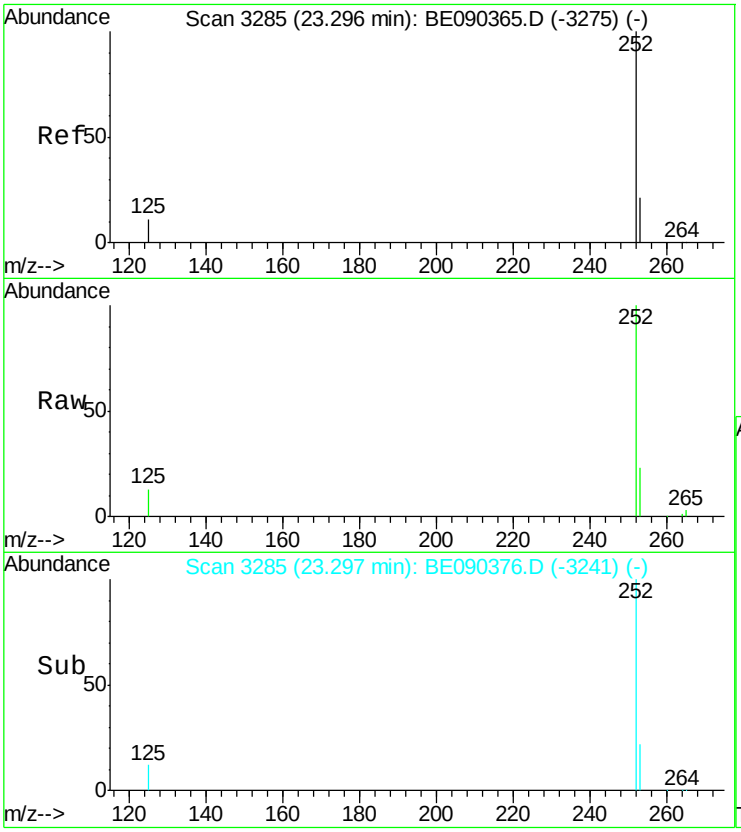


#34
Benzo(k)fluoranthene
Concen: 0.97 ng
RT: 22.75 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Tgt Ion:252 Resp: 36307

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	10.5	9.1	13.7



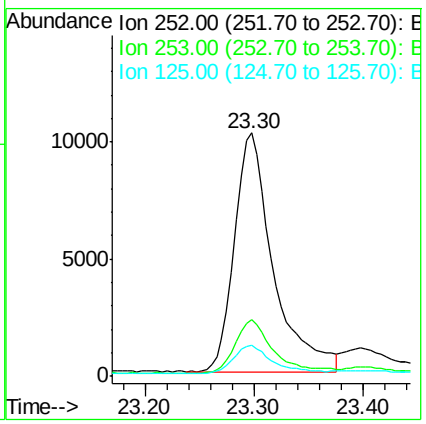


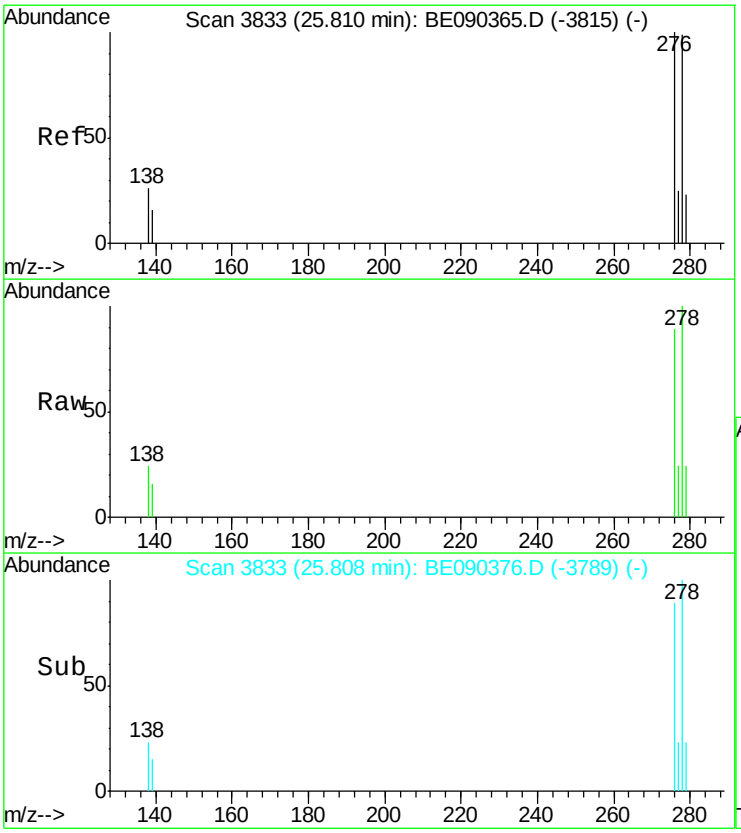
#35
Benzo(a)pyrene
Concen: 1.05 ng
RT: 23.30 min Scan# 3285
Delta R.T. 0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 25060

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	12.6	9.8	14.6

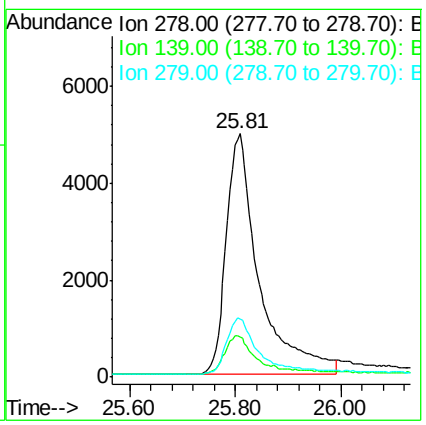


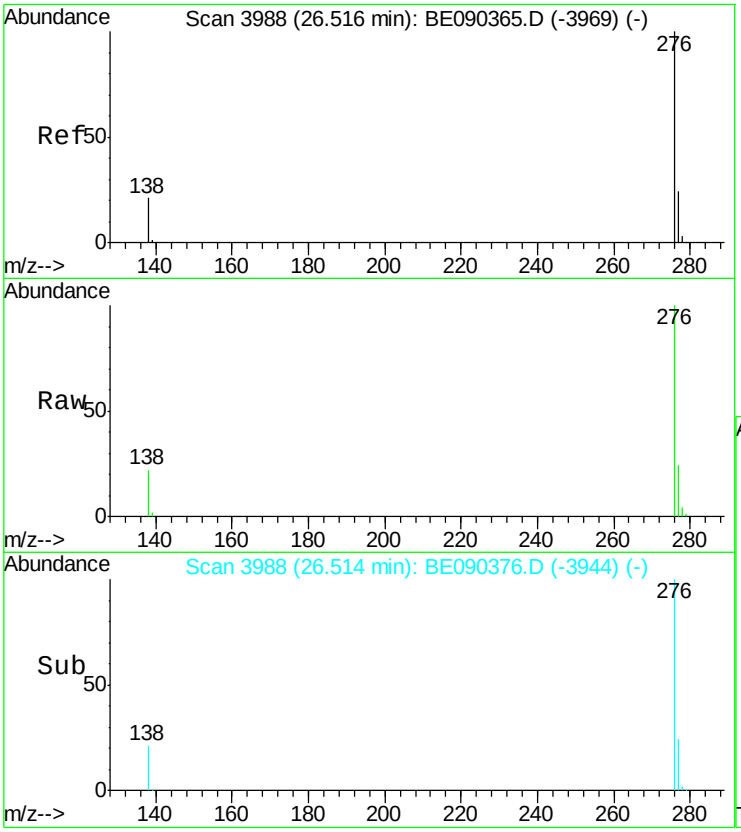


#36
Dibenzo(a,h)anthracene
Concen: 1.00 ng
RT: 25.81 min Scan# 3833
Delta R.T. -0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Tgt Ion:278 Resp: 21632

Ion	Ratio	Lower	Upper
278	100		
139	16.4	14.2	21.4
279	24.0	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 1.07 ng
RT: 26.51 min Scan# 3988
Delta R.T. -0.00 min
Lab File: BE090376.D
Acq: 6 Aug 2015 1:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 26778

Ion	Ratio	Lower	Upper
276	100		
277	24.2	20.1	30.1
138	22.3	18.1	27.1