Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081215\
Data File : BE090462.D
Acq On : 12 Aug 2015 11:51
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001

Quant Time: Aug 13 01:22:15 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 12:28:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	22082	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	103475	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	61655	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	142583	5.00	ng	0.00
25) Chrysene-d12	21.09	240	162594	5.00	ng	0.00
32) Perylene-d12	23.40	264	143404	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	4529	1.37	ng	0.00
5) Phenol-d6	6.77	99	7052	1.20	ng	0.00
7) Nitrobenzene-d5	8.73	82	7324	1.04	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	1450	1.35	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	17346	1.02	ng	0.00
27) Terphenyl-d14	19.55	244	25770	1.08	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	2903	1.00	ng	98
3) n-Nitrosodimethylamine	3.49	42	3555	1.04	ng	88
8) Nitrobenzene	8.77	77	7507	1.01	ng	98
9) Naphthalene	10.38	128	23291	1.02	ng	98
10) Hexachlorobutadiene	10.68	225	3956	1.09	ng	99
11) 2-Methylnaphthalene	12.01	142	14019	1.06	ng	97
15) Acenaphthylene	13.91	152	101137	1.01	ng	100
16) Acenaphthene	14.26	154	15366	0.99	ng	94
17) Fluorene	15.26	166	20369	1.01	ng	98
19) 4-Bromophenyl-phenylether	16.14	248	5587	1.01	ng	99
20) Hexachlorobenzene	16.27	284	26607	0.93	ng	99
21) Pentachlorophenol	16.61	266	1177	1.21	ng	97
22) Phenanthrene	16.98	178	36109	1.01	ng	100
23) Anthracene	17.07	178	31526	1.08	ng	100
24) Fluoranthene	18.98	202	36363	1.04	ng	100
26) Pyrene	19.34	202	37871	1.07	ng	100
28) Benzo(a)anthracene	21.08	228	37544	1.04	ng	99
29) Chrysene	21.13	228	42358	0.97	ng	100
30) Bis(2-ethylhexyl)phthalate	21.03	149	9072	1.08	ng	99
31) Indeno(1,2,3-cd)pyrene	25.78	276	32456	1.04	ng	95
33) Benzo(b)fluoranthene	22.70	252	29472	1.07	ng	99
34) Benzo(k)fluoranthene	22.74	252	35977	0.90	ng	99
35) Benzo(a)pyrene	23.29	252	25974	1.04	ng	98
36) Dibenzo(a,h)anthracene	25.80	278	24728	1.06	ng	98
37) Benzo(g,h,i)perylene	26.51	276	27447	1.04	ng	98

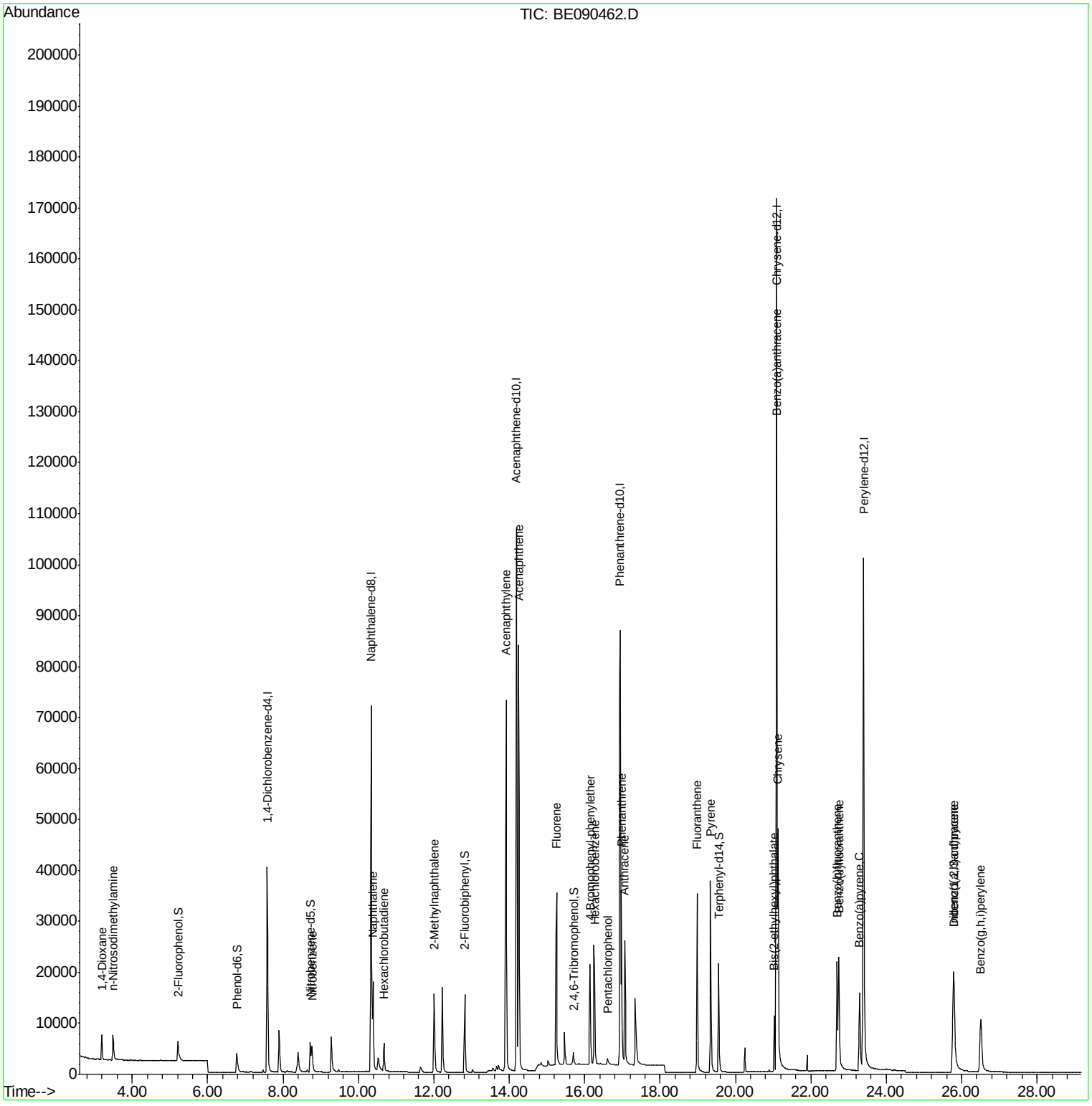
(#) = qualifier out of range (m) = manual integration (+) = signals summed

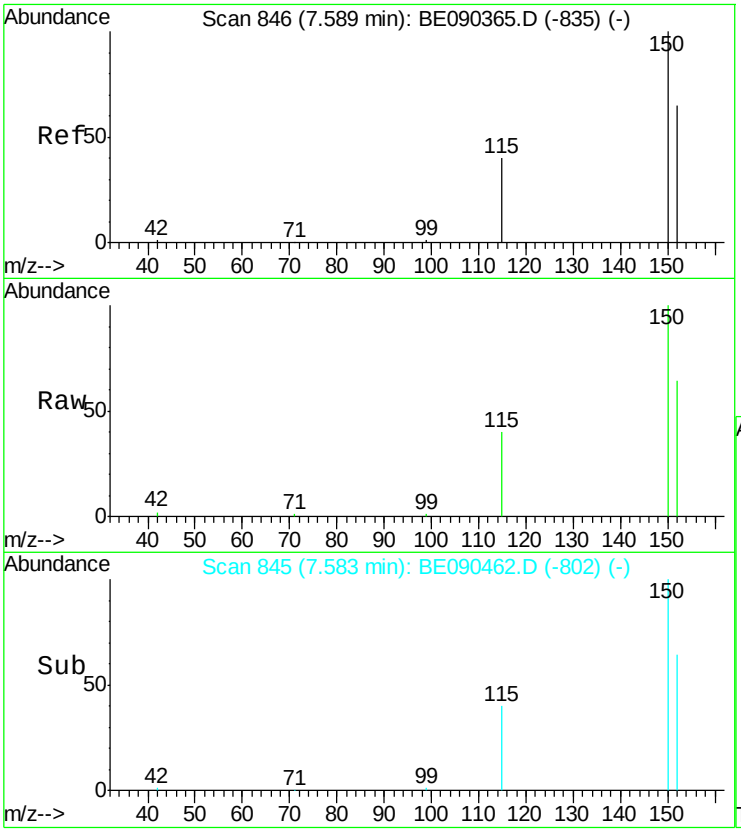
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081215\
Data File : BE090462.D
Acq On : 12 Aug 2015 11:51
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Quant Time: Aug 13 01:22:15 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 12:28:08 2015
Response via : Initial Calibration



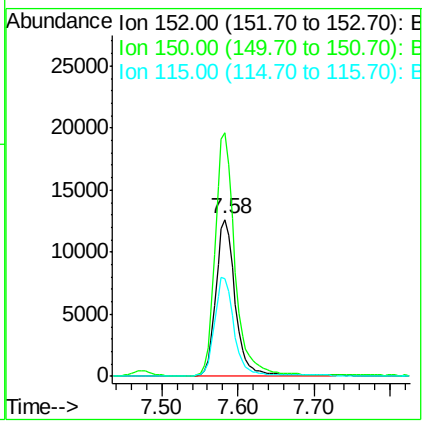


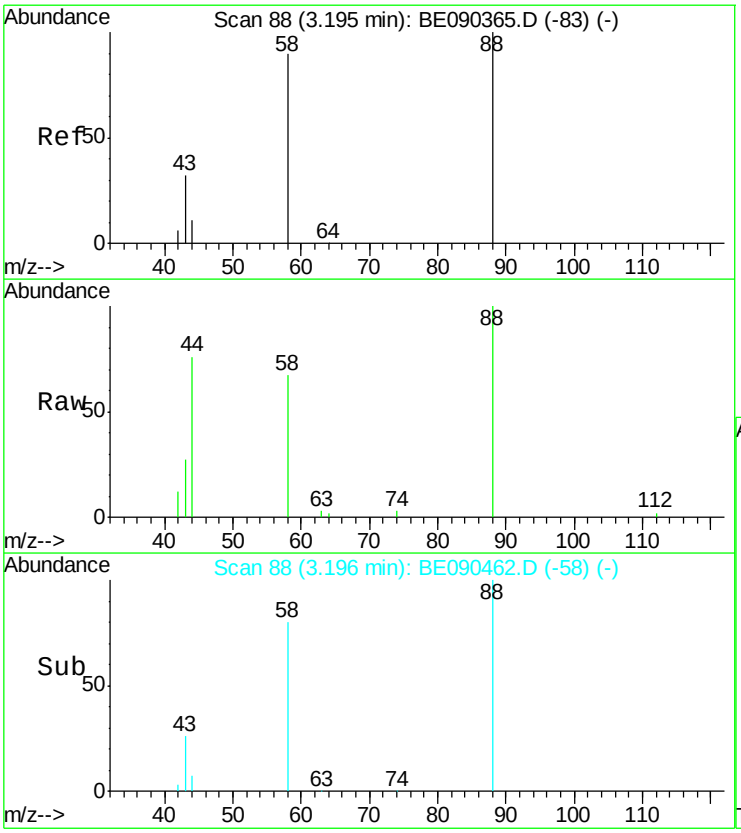
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 22082

Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.0	184.4
115	62.0	48.9	73.3

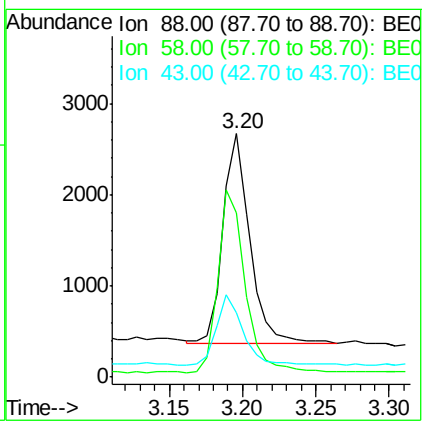


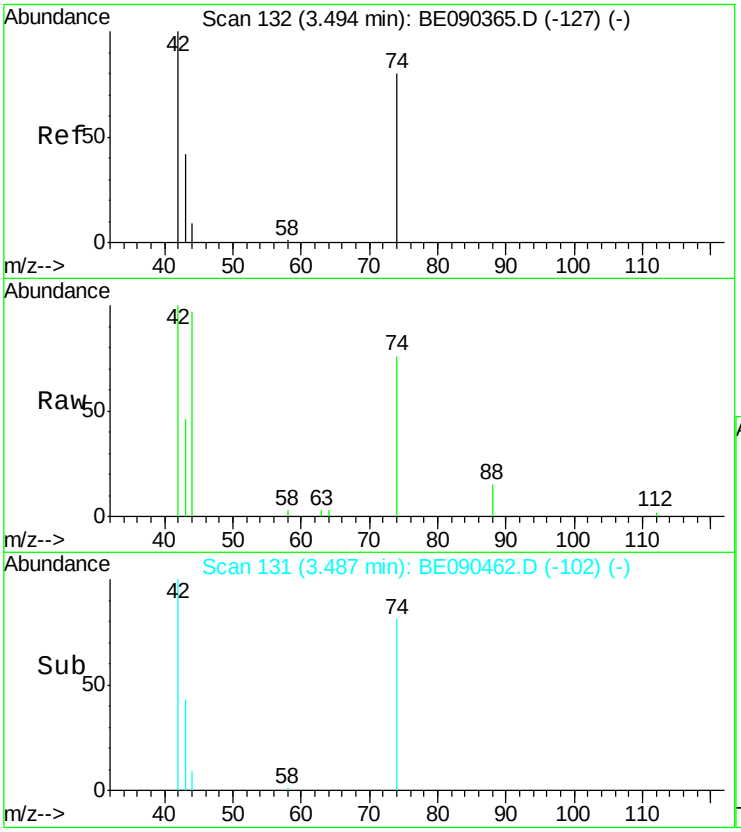


#2
1,4-Dioxane
Concen: 1.00 ng
RT: 3.20 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Tgt Ion: 88 Resp: 2903

Ion	Ratio	Lower	Upper
88	100		
58	88.4	70.0	105.0
43	33.1	28.4	42.6



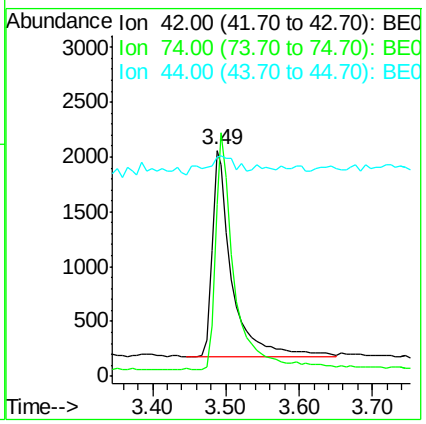


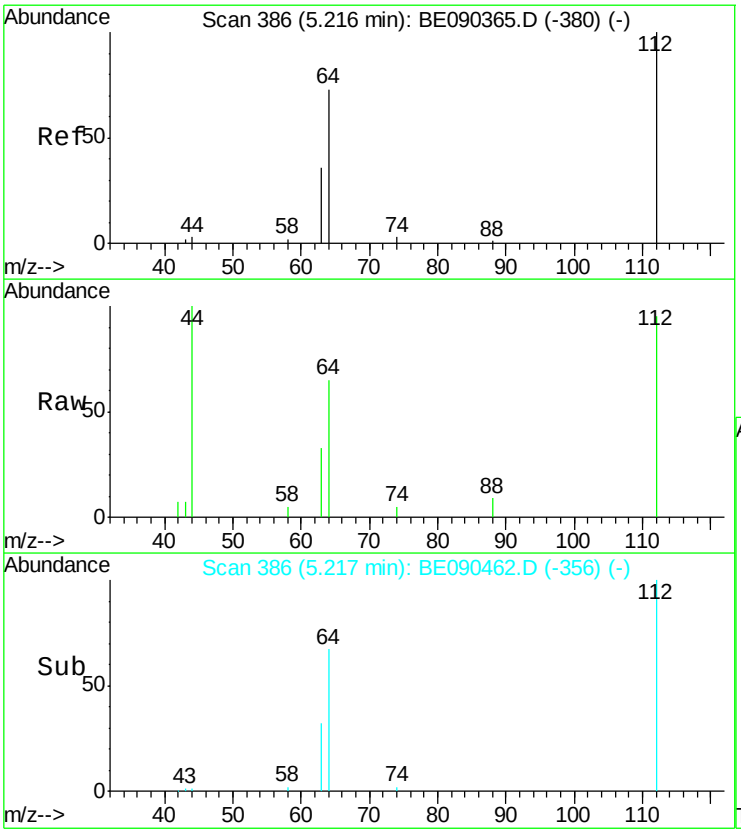
#3
n-Nitrosodimethylamine
Concen: 1.04 ng
RT: 3.49 min Scan# 131
Delta R.T. -0.01 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 42 Resp: 3555

Ion	Ratio	Lower	Upper
42	100		
74	106.1	75.2	112.8
44	8.7	8.7	13.1

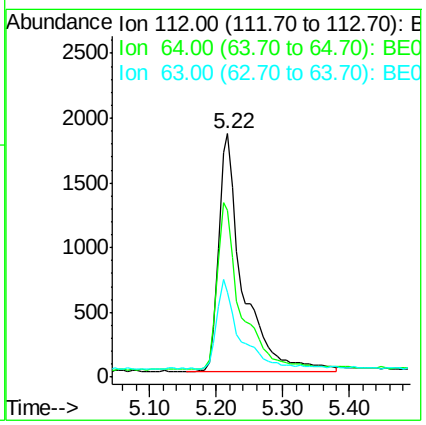


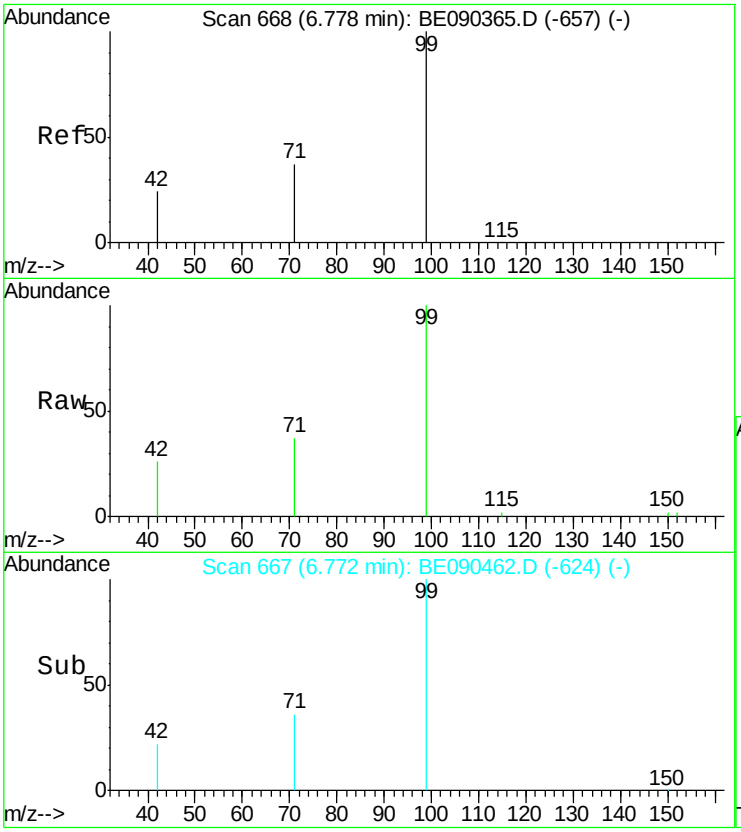


#4
2-Fluorophenol
Concen: 1.37 ng
RT: 5.22 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Tgt Ion:112 Resp: 4529

Ion	Ratio	Lower	Upper
112	100		
64	69.8	37.1	55.7#
63	35.5	19.5	29.3#



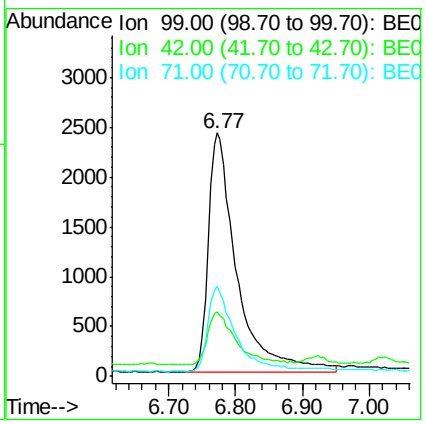


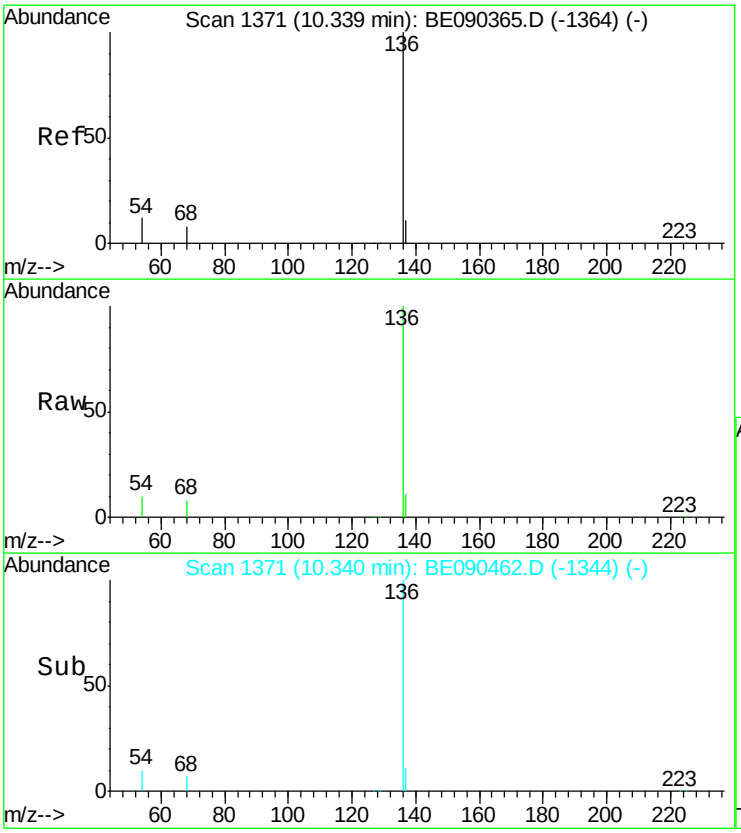
#5
Phenol-d6
Concen: 1.20 ng
RT: 6.77 min Scan# 667
Delta R.T. -0.01 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 99 Resp: 7052

Ion	Ratio	Lower	Upper
99	100		
42	22.9	18.2	27.4
71	34.7	27.4	41.0

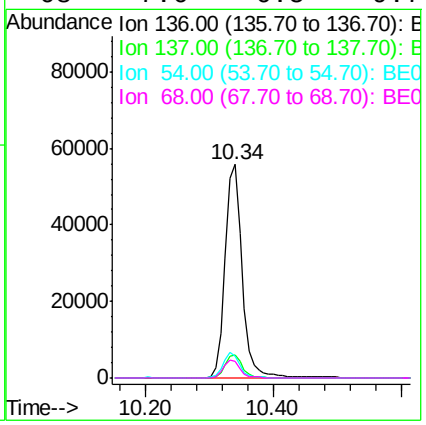


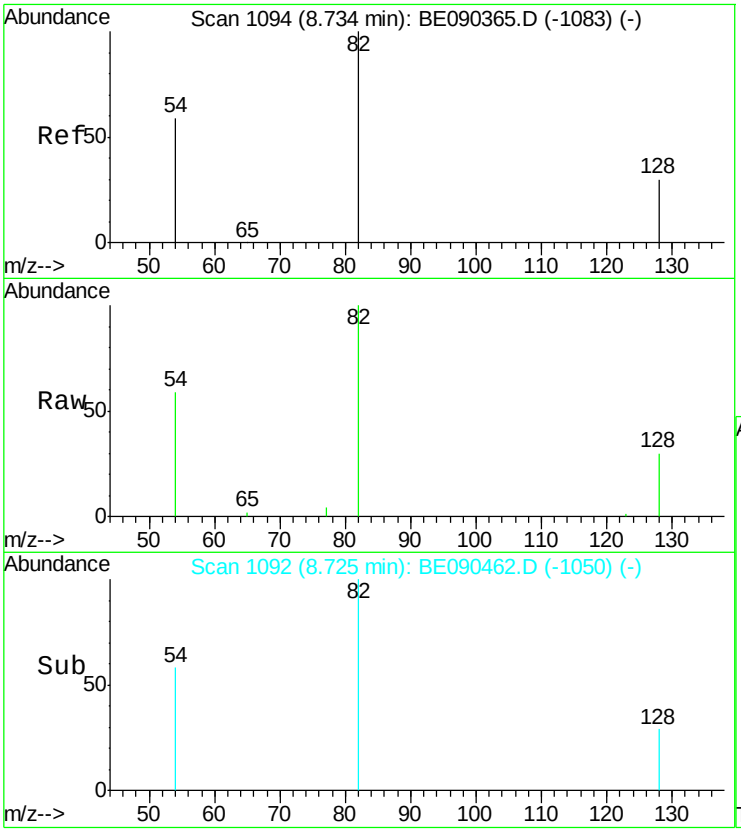


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Tgt Ion:136 Resp: 103475

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	10.4	9.4	14.0
68	7.6	6.5	9.7



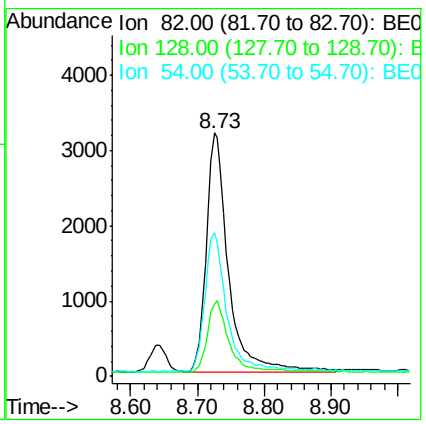


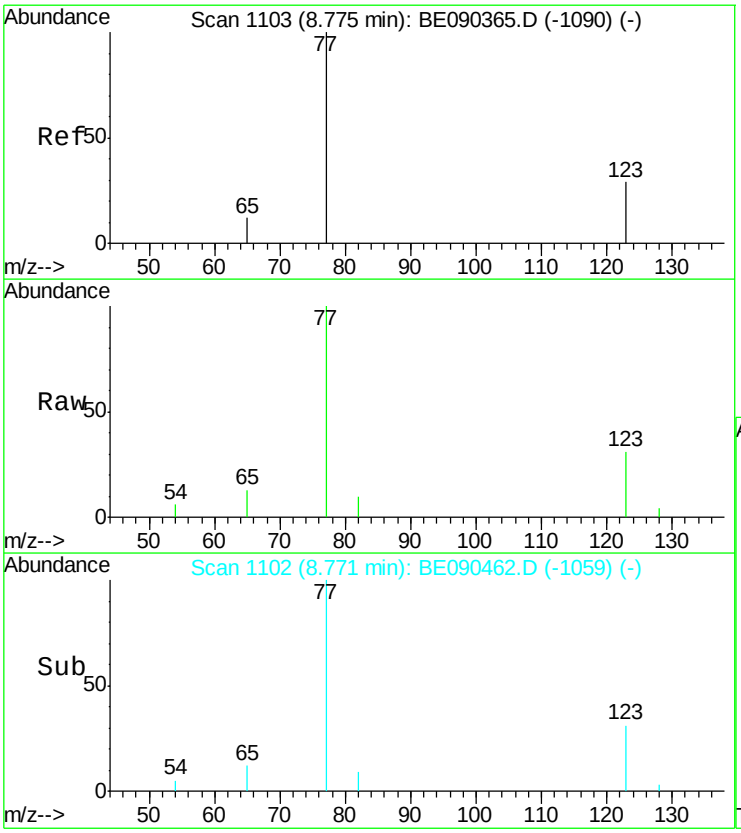
#7
Nitrobenzene-d5
Concen: 1.04 ng
RT: 8.73 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 82 Resp: 7324

Ion	Ratio	Lower	Upper
82	100		
128	29.9	25.0	37.6
54	59.2	48.8	73.2

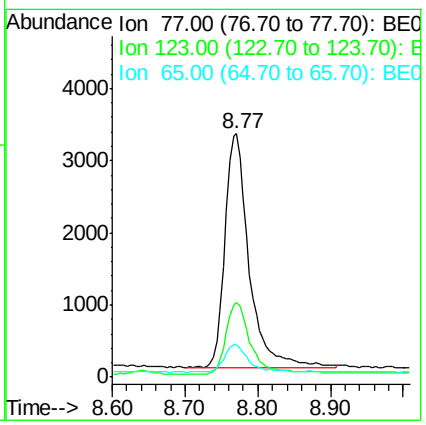


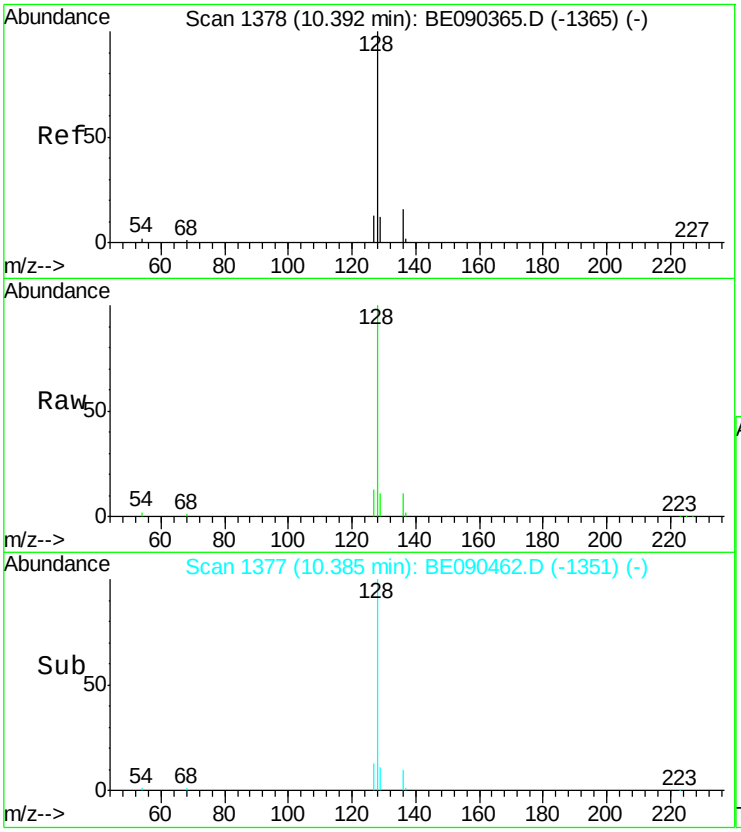


#8
Nitrobenzene
Concen: 1.01 ng
RT: 8.77 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Tgt Ion: 77 Resp: 7507

Ion	Ratio	Lower	Upper
77	100		
123	30.2	25.1	37.7
65	12.0	9.3	13.9



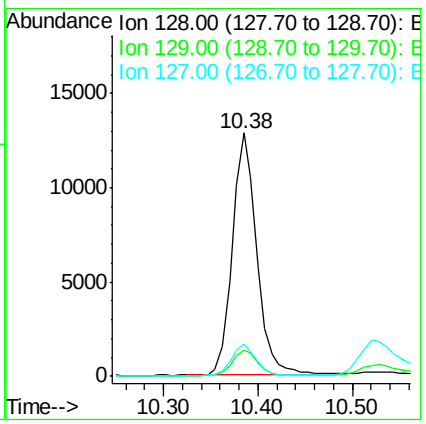


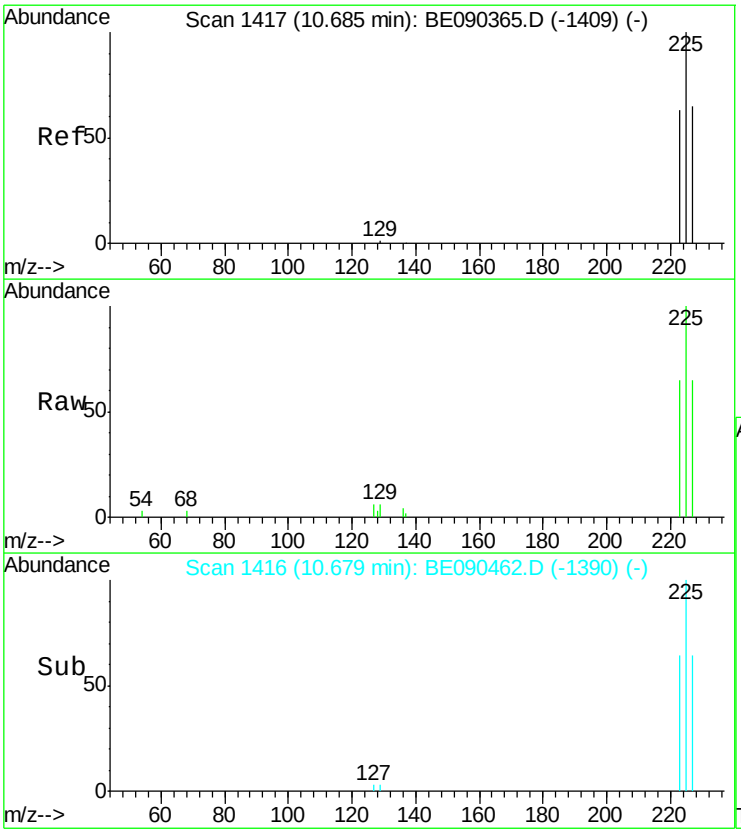
#9
Naphthalene
Concen: 1.02 ng
RT: 10.38 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:128 Resp: 23291

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.8	14.6
127	13.2	10.6	16.0

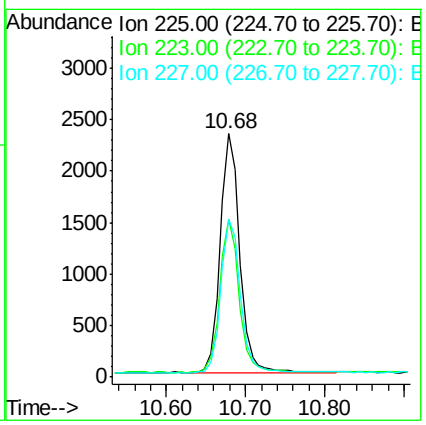


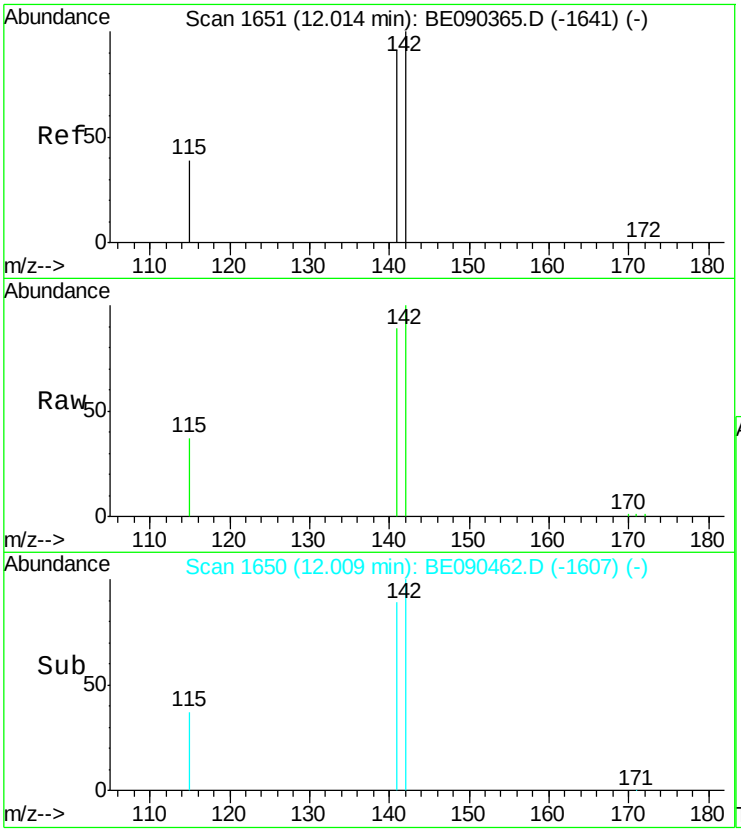


#10
Hexachlorobutadiene
Concen: 1.09 ng
RT: 10.68 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Tgt Ion:225 Resp: 3956

Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	75.8
227	64.9	50.7	76.1



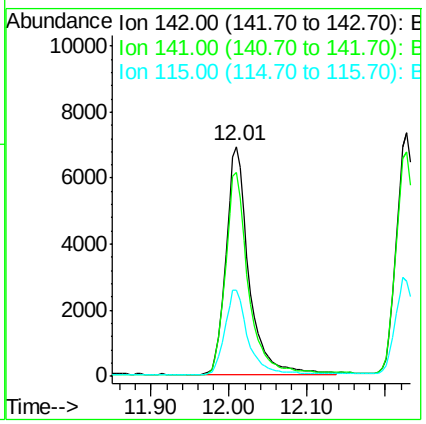


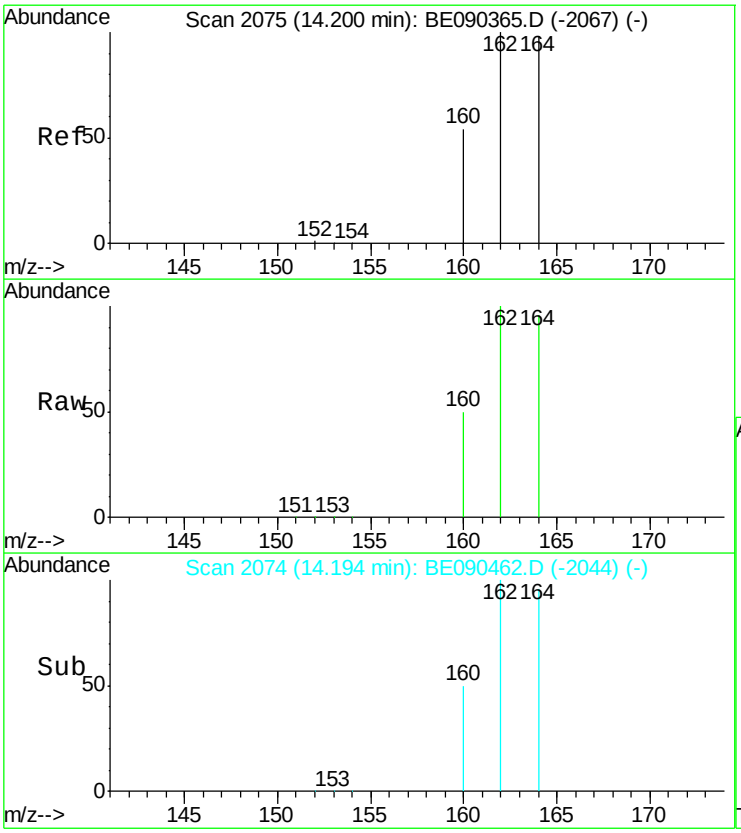
#11
2-Methylnaphthalene
Concen: 1.06 ng
RT: 12.01 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:142 Resp: 14019

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.6	109.0
115	37.3	31.6	47.4

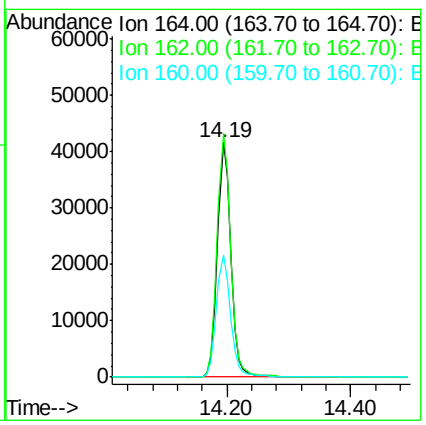


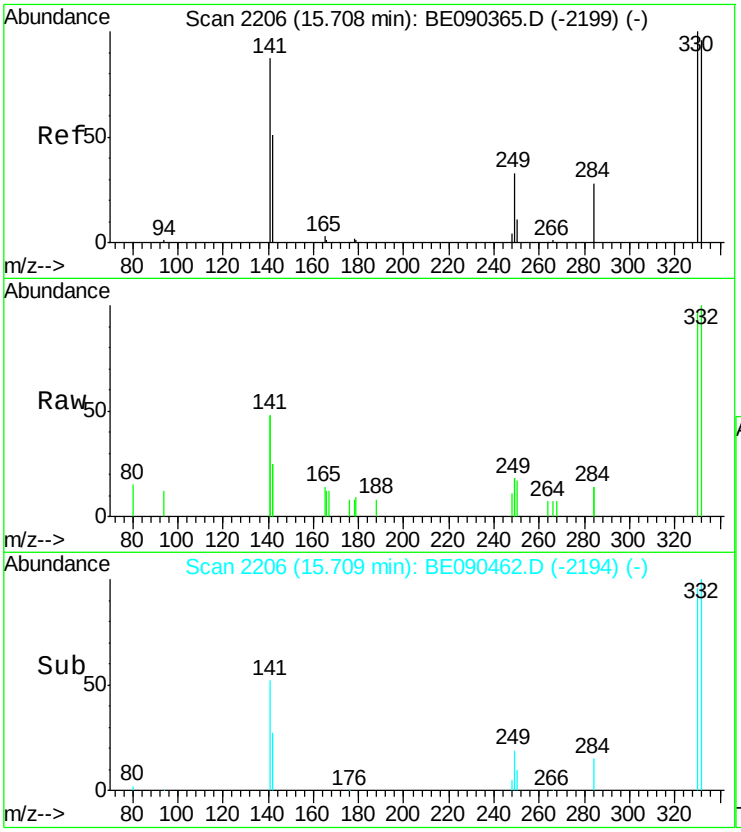


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Tgt Ion:164 Resp: 61655

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.8	122.8
160	52.2	44.2	66.4



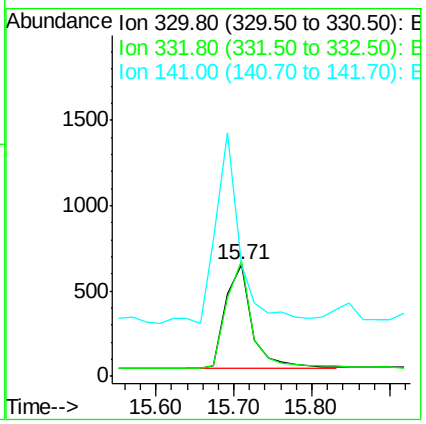


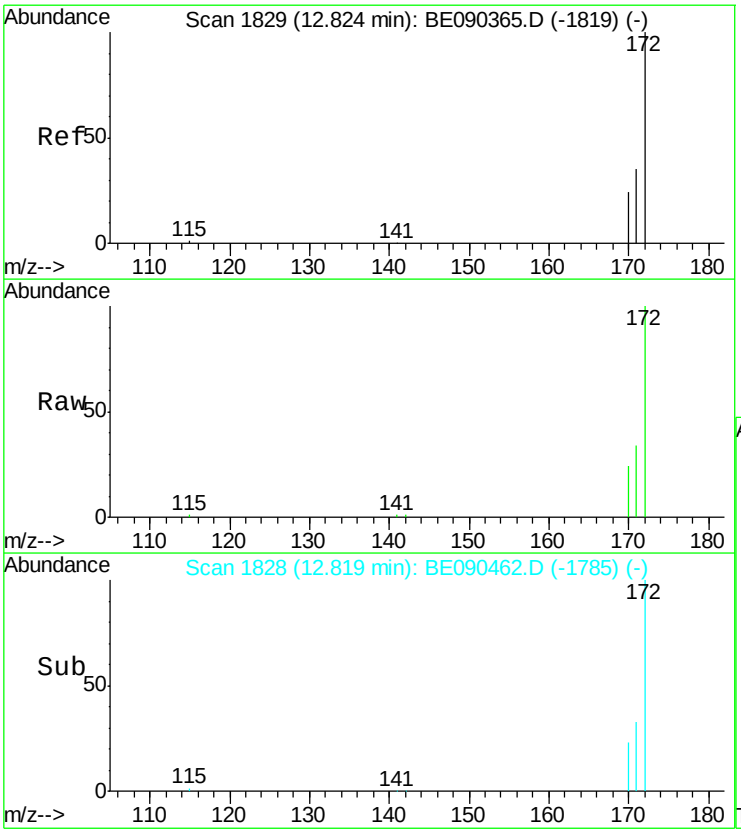
#13
2,4,6-Tribromophenol
Concen: 1.35 ng
RT: 15.71 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:330 Resp: 1450

Ion	Ratio	Lower	Upper
330	100		
332	100.3	75.8	113.6
141	166.7	114.4	171.6

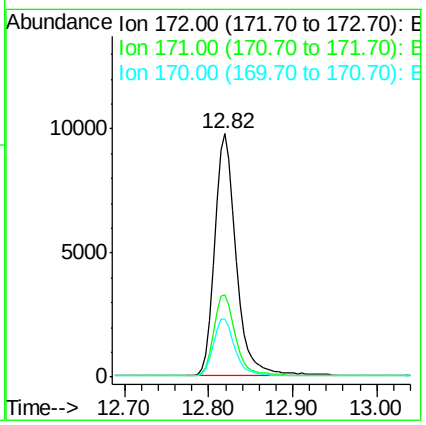


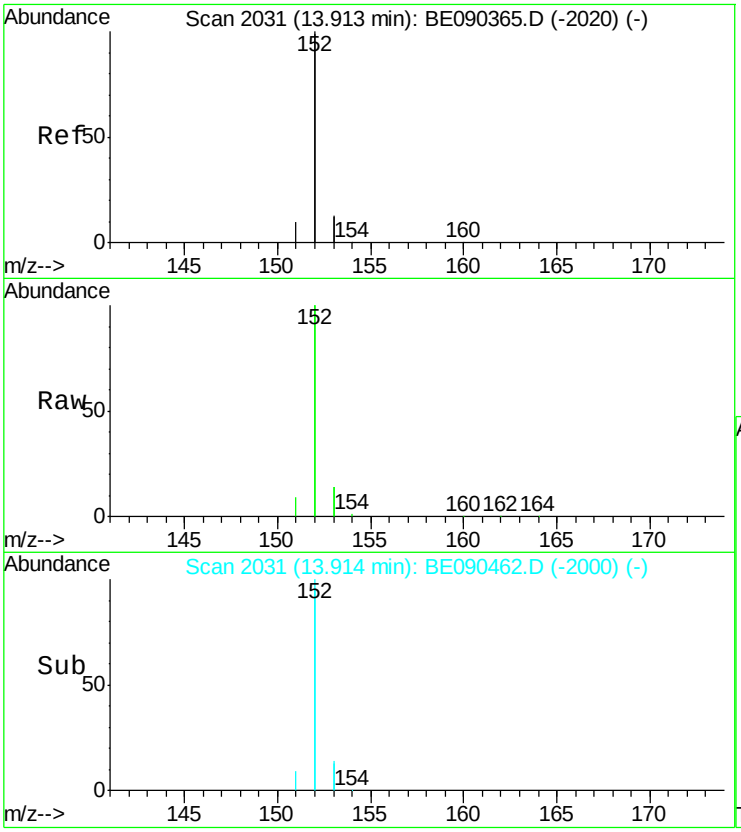


#14
2-Fluorobiphenyl
Concen: 1.02 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Tgt Ion:172 Resp: 17346

Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.5	42.7
170	23.6	19.8	29.8



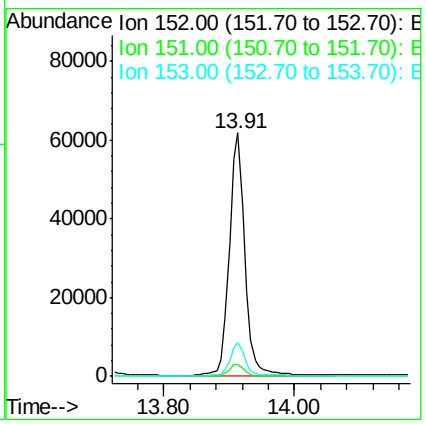


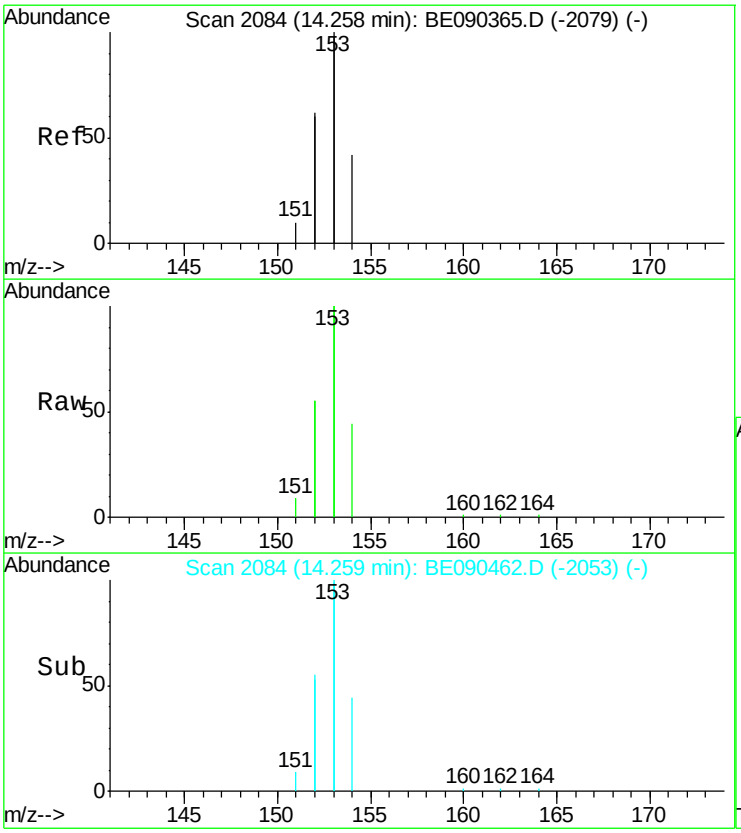
#15
Acenaphthylene
Concen: 1.01 ng
RT: 13.91 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 101137

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.8	5.8
153	13.0	10.3	15.5

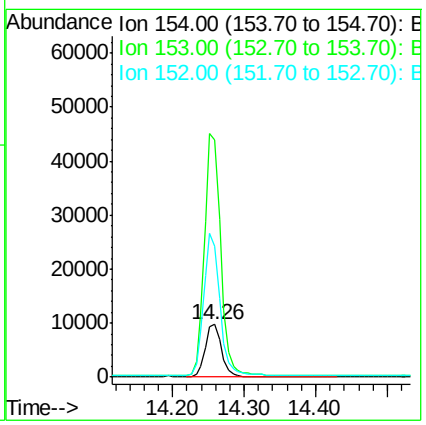


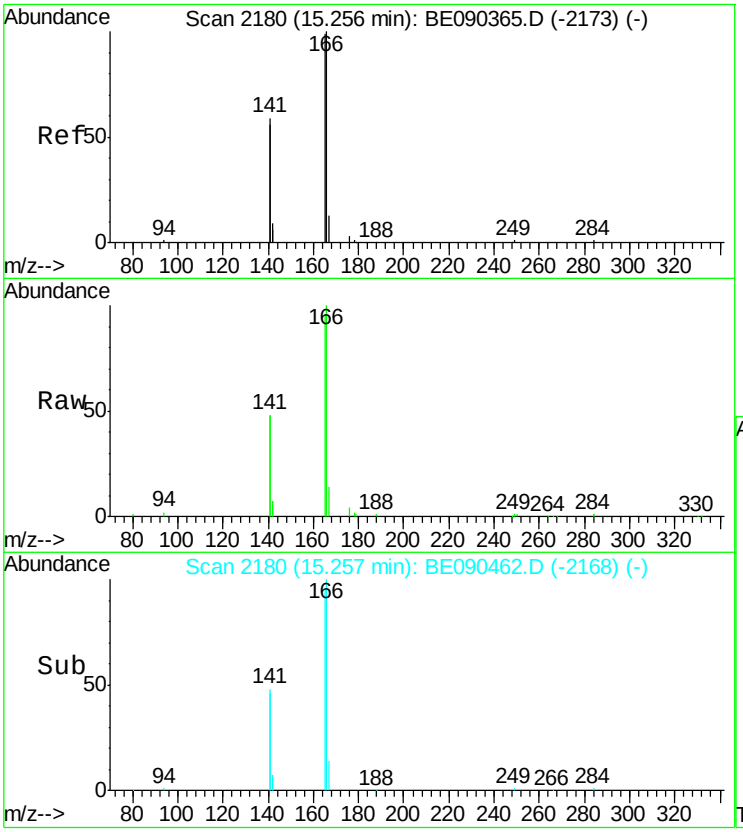


#16
Acenaphthene
Concen: 0.99 ng
RT: 14.26 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Tgt Ion:154 Resp: 15366

Ion	Ratio	Lower	Upper
154	100		
153	464.9	376.2	564.2
152	270.2	235.0	352.4



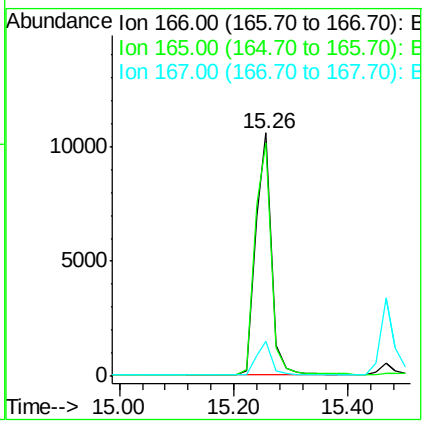


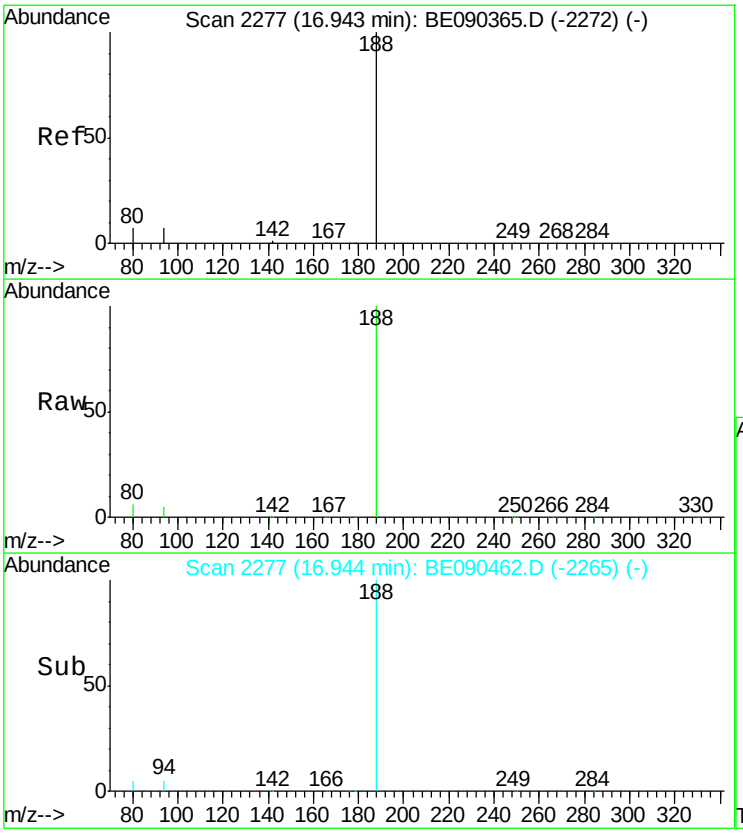
#17
Fluorene
Concen: 1.01 ng
RT: 15.26 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:166 Resp: 20369

Ion	Ratio	Lower	Upper
166	100		
165	100.2	81.5	122.3
167	13.8	11.4	17.0

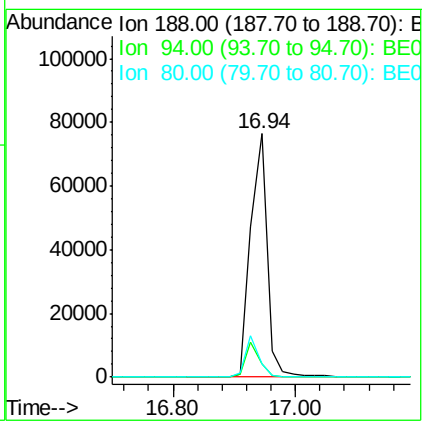


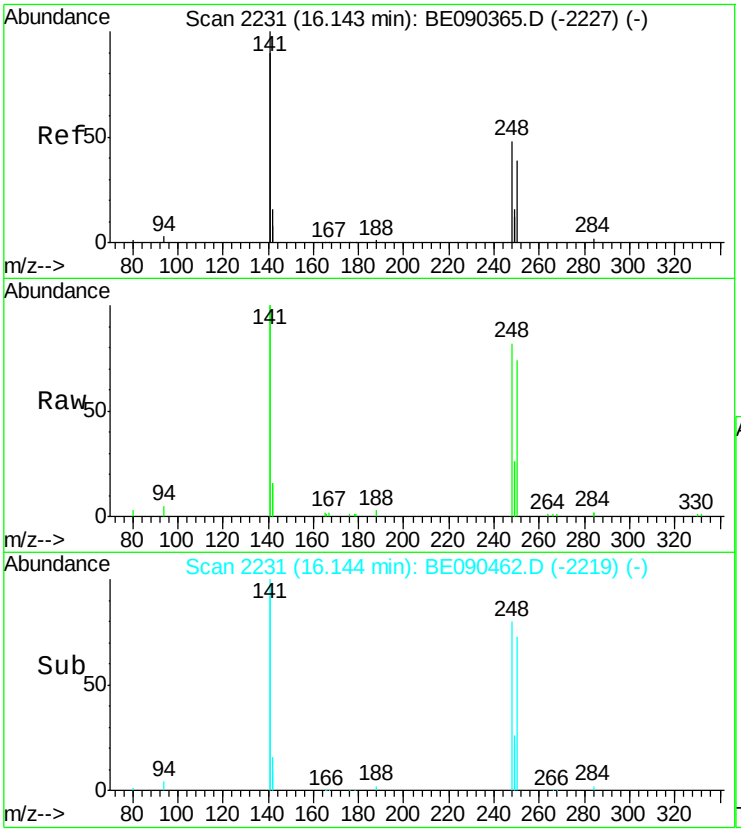


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Tgt Ion:188 Resp: 142583

Ion	Ratio	Lower	Upper
188	100		
94	5.3	5.7	8.5#
80	5.5	5.8	8.8#



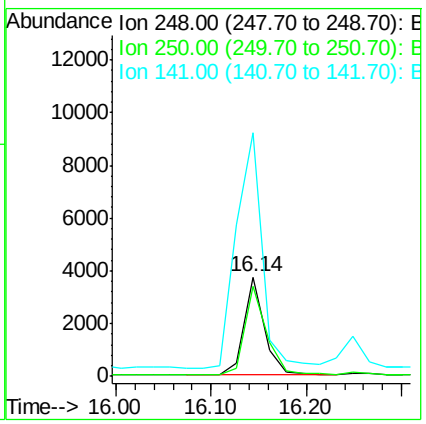


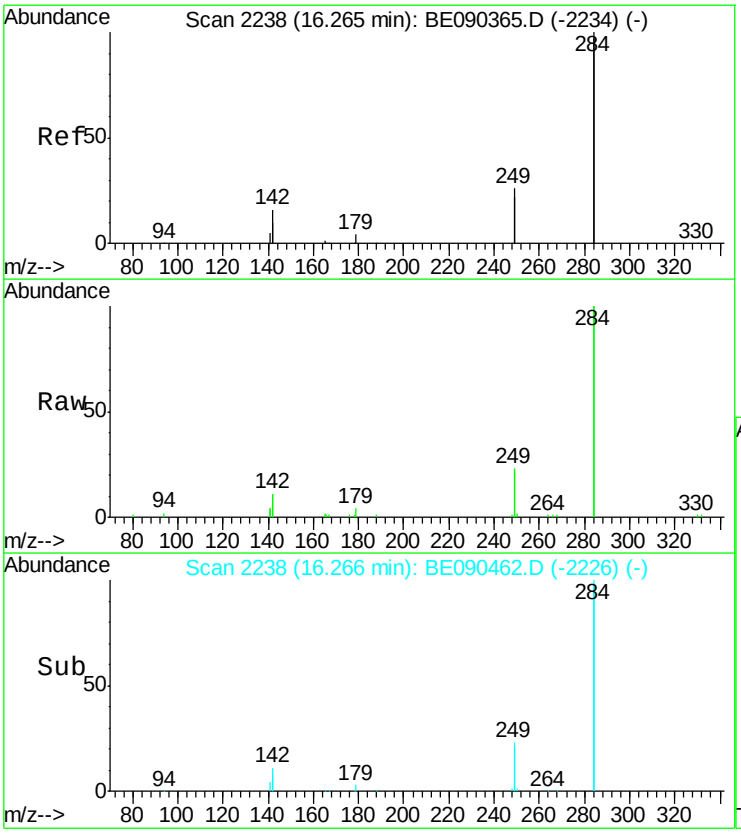
#19
4-Bromophenyl-phenylether
Concen: 1.01 ng
RT: 16.14 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:248 Resp: 5587

Ion	Ratio	Lower	Upper
248	100		
250	96.0	79.0	118.6
141	300.1	239.5	359.3

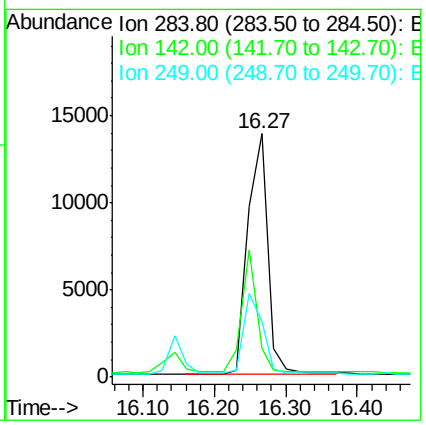


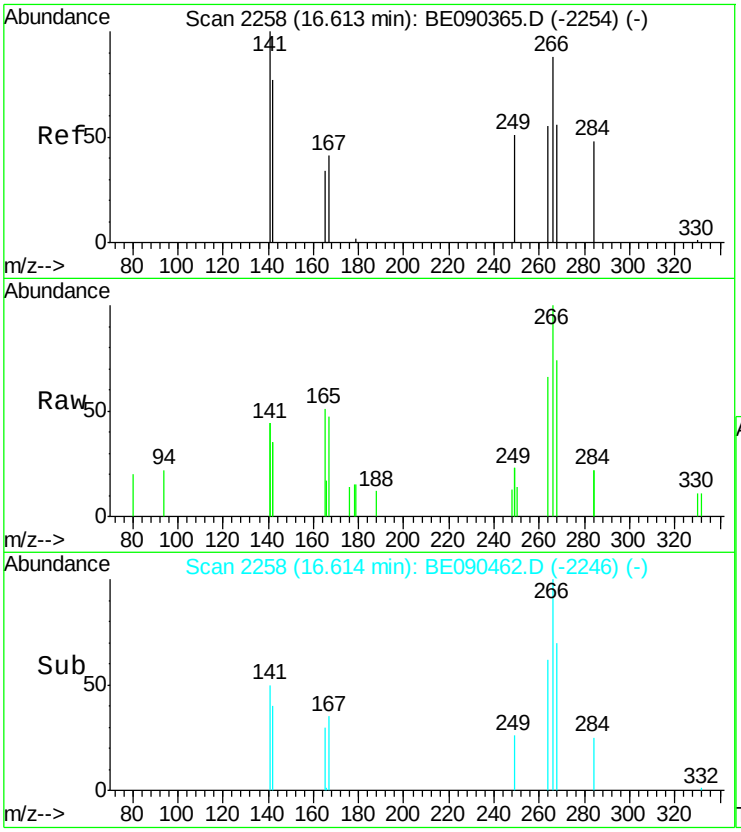


#20
Hexachlorobenzene
Concen: 0.93 ng
RT: 16.27 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Tgt Ion:284 Resp: 26607

Ion	Ratio	Lower	Upper
284	100		
142	38.4	30.1	45.1
249	32.0	25.7	38.5



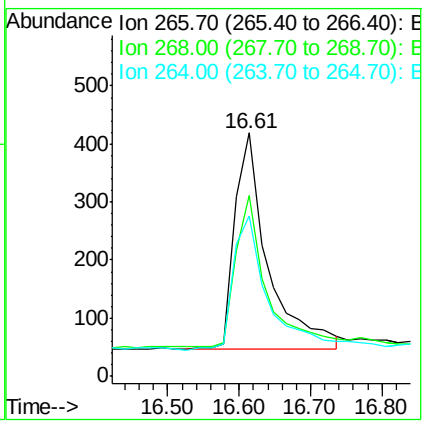


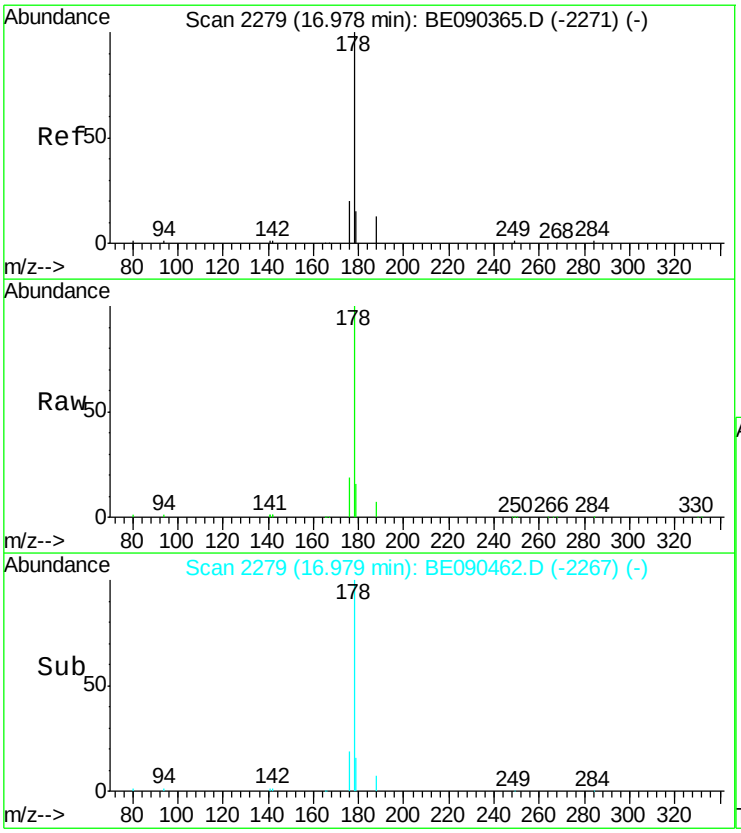
#21
Pentachlorophenol
Concen: 1.21 ng
RT: 16.61 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:266 Resp: 1177

Ion	Ratio	Lower	Upper
266	100		
268	74.5	58.5	87.7
264	65.6	56.0	84.0

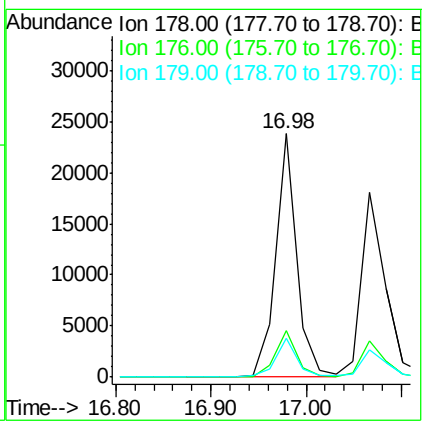


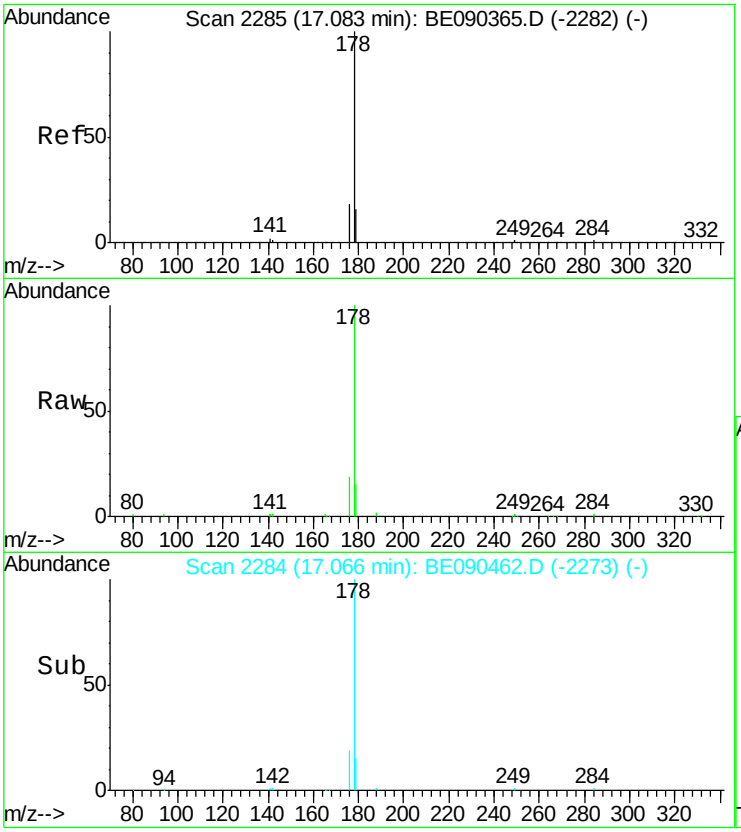


#22
Phenanthrene
Concen: 1.01 ng
RT: 16.98 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Tgt Ion:178 Resp: 36109

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.7	12.5	18.7



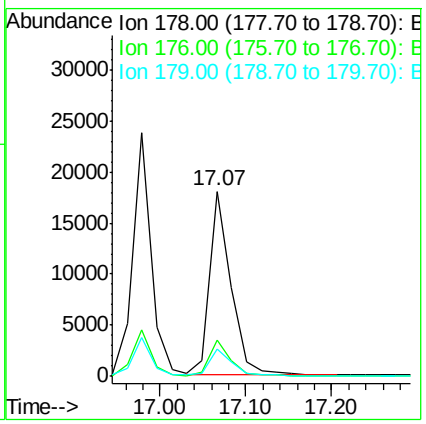


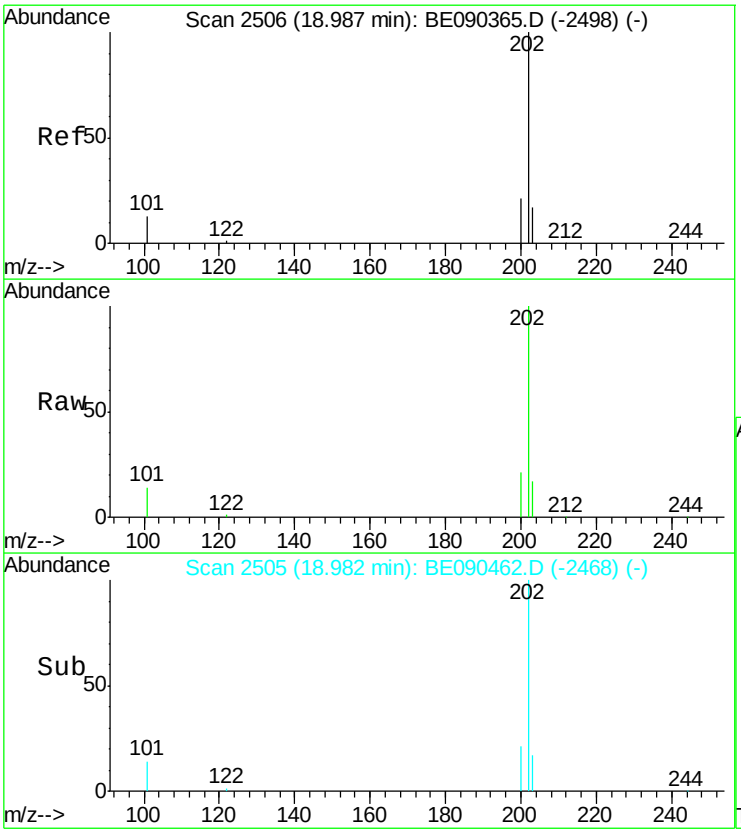
#23
Anthracene
Concen: 1.08 ng
RT: 17.07 min Scan# 2284
Delta R.T. -0.02 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:178 Resp: 31526

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.1	12.2	18.4

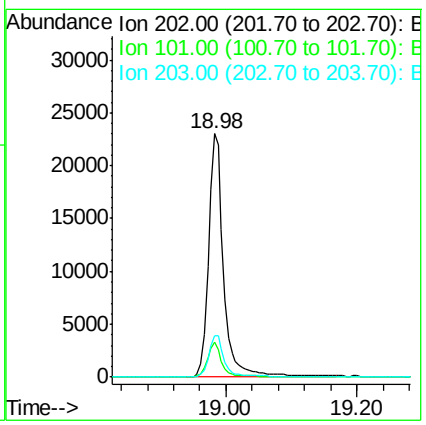


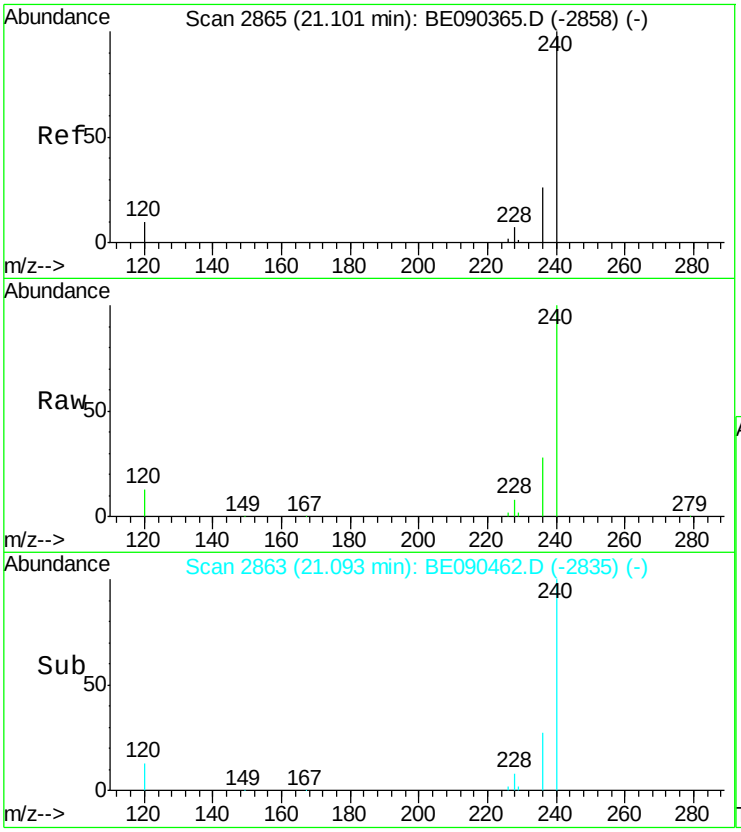


#24
Fluoranthene
Concen: 1.04 ng
RT: 18.98 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Tgt Ion:202 Resp: 36363

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.3	15.5
203	17.2	13.7	20.5



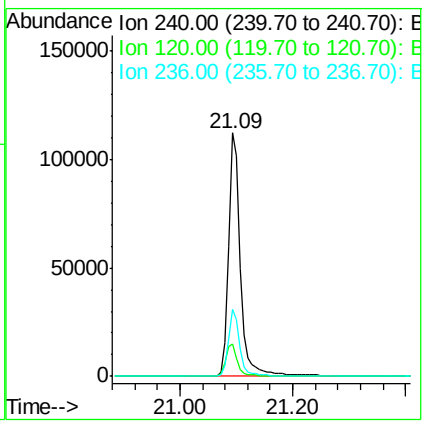


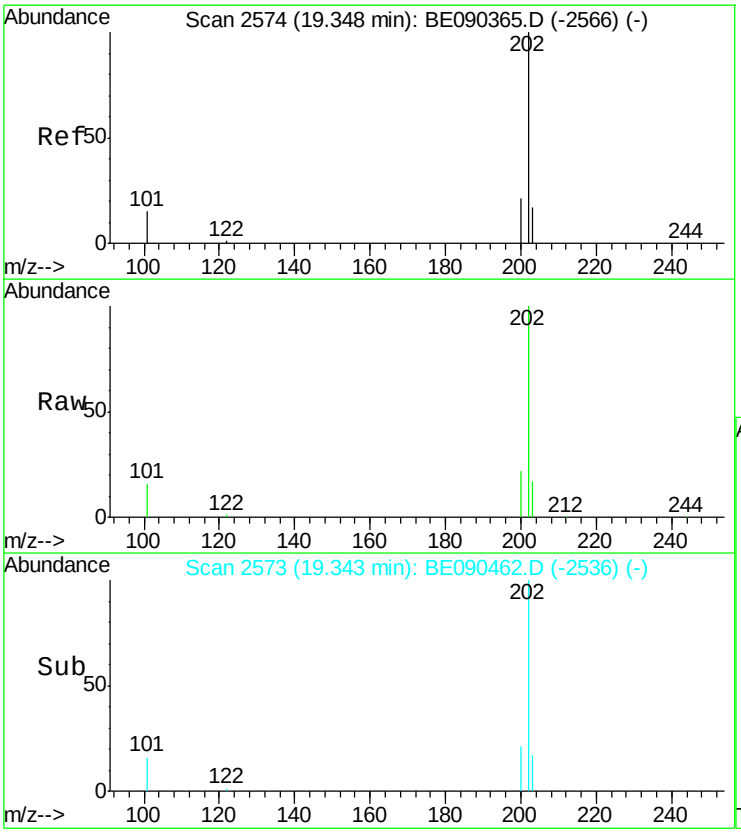
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:240 Resp: 162594

Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.3	12.5#
236	27.5	21.0	31.4

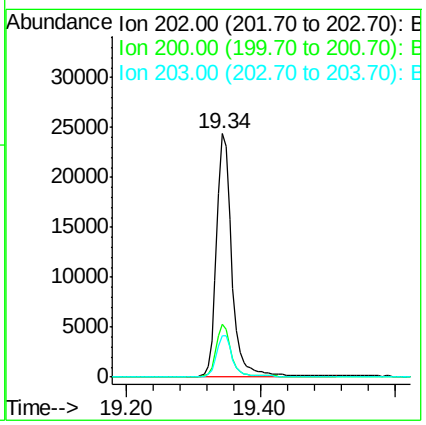


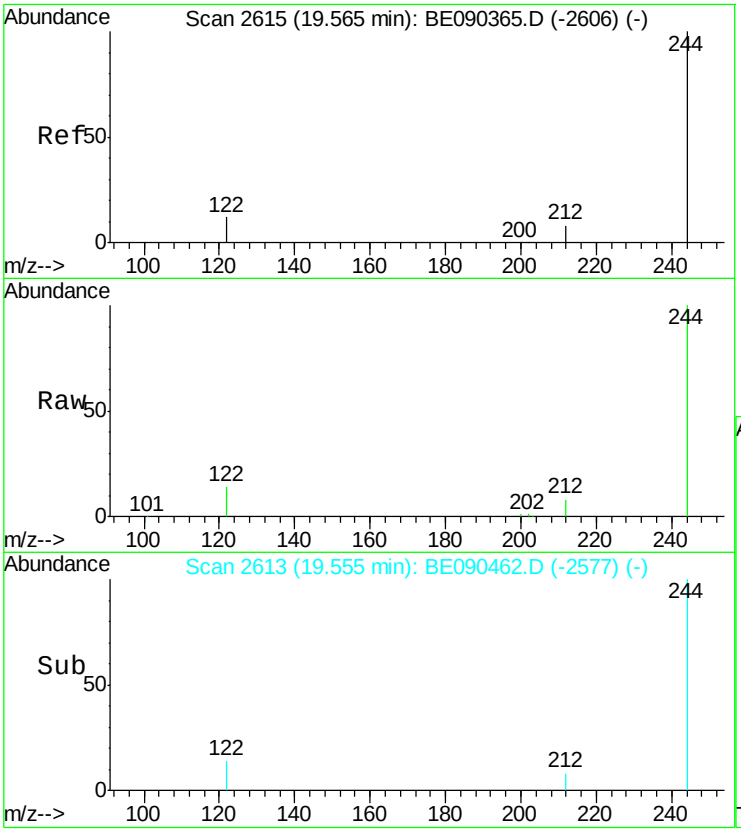


#26
Pyrene
Concen: 1.07 ng
RT: 19.34 min Scan# 2573
Delta R.T. -0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Tgt Ion:202 Resp: 37871

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.3	13.8	20.8



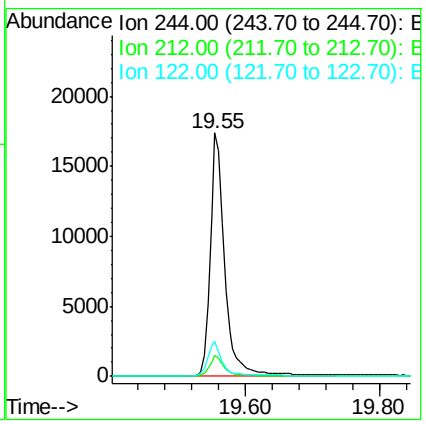


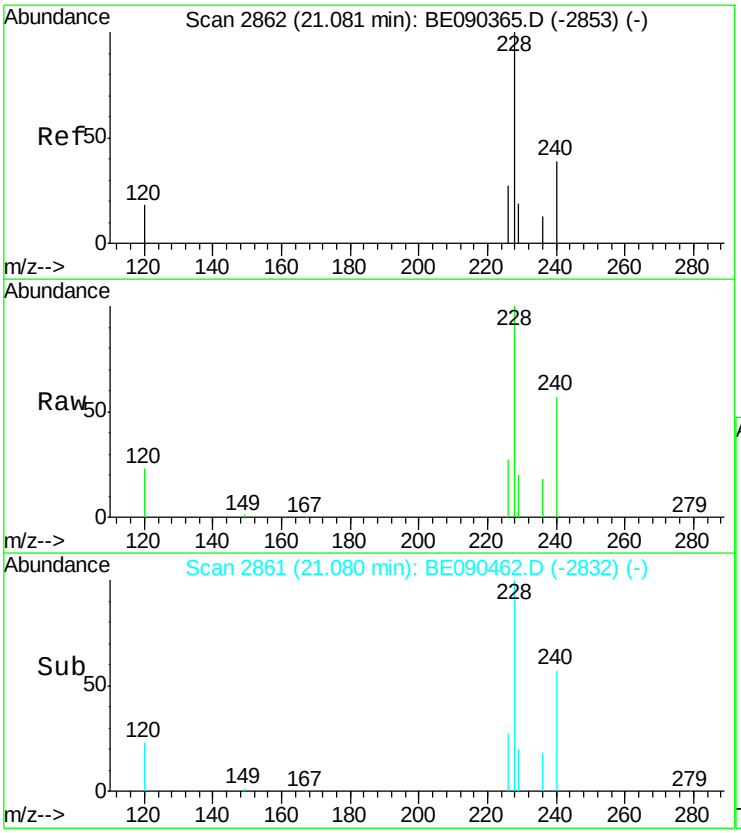
#27
Terphenyl-d14
Concen: 1.08 ng
RT: 19.55 min Scan# 2613
Delta R.T. -0.01 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:244 Resp: 25770

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.6	9.8
122	14.2	10.2	15.4

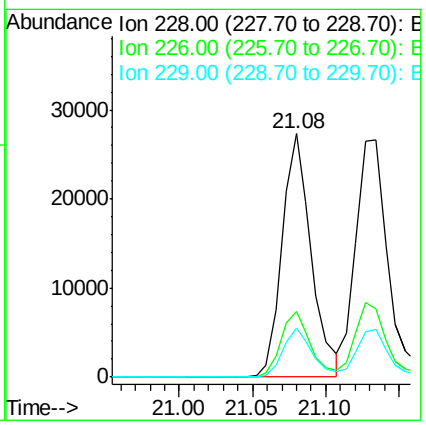


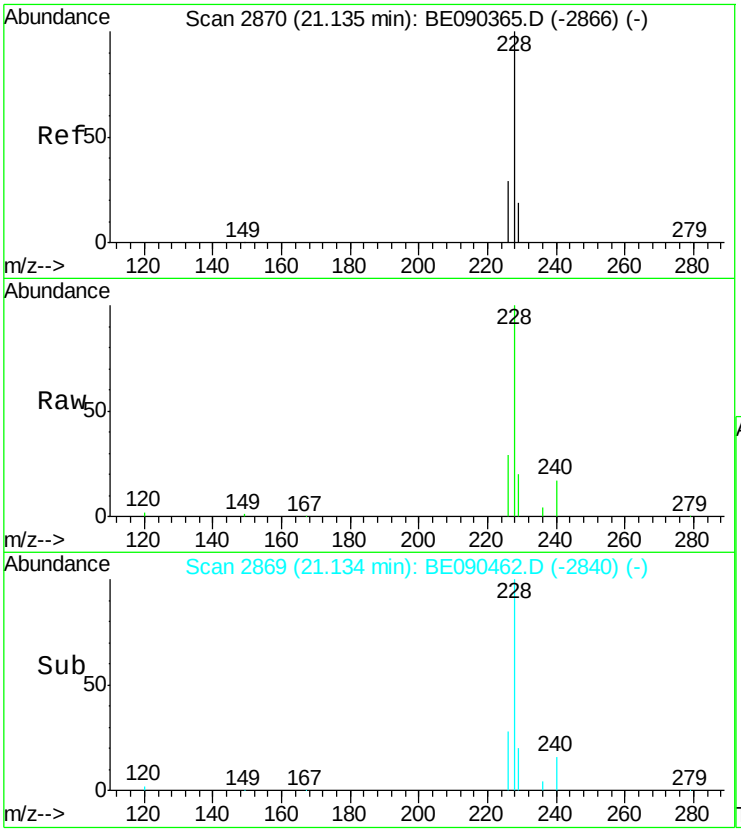


#28
Benzo(a)anthracene
Concen: 1.04 ng
RT: 21.08 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Tgt Ion:228 Resp: 37544

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.9	32.9
229	20.1	15.4	23.0



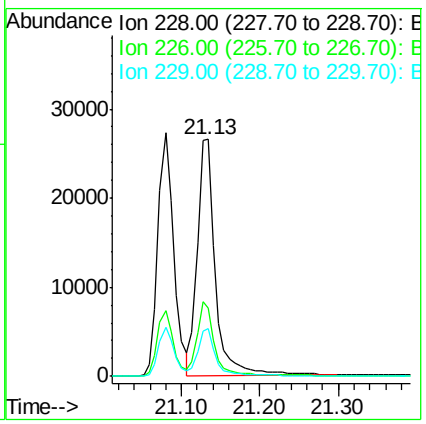


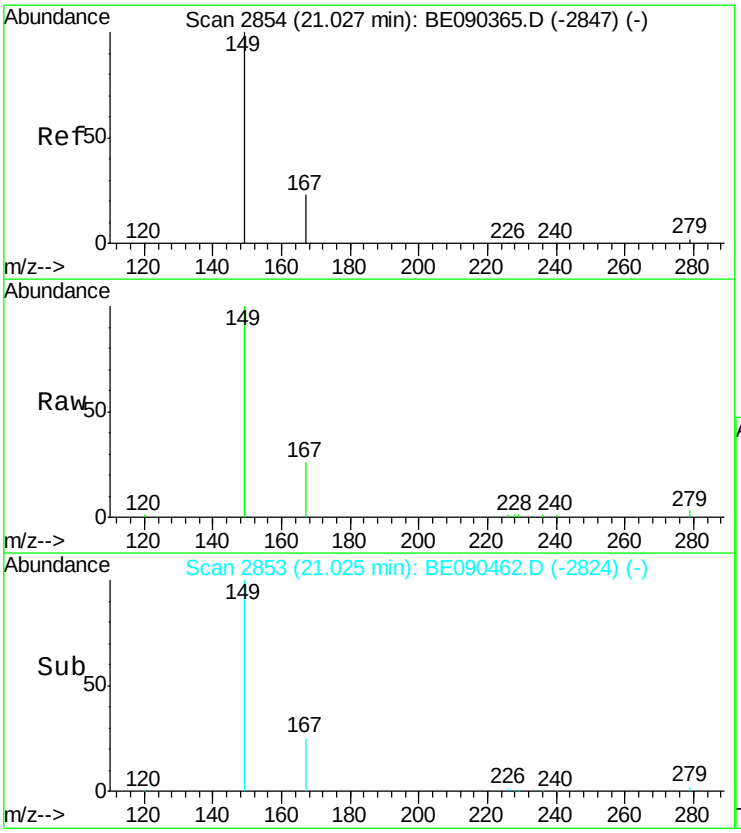
#29
Chrysene
Concen: 0.97 ng
RT: 21.13 min Scan# 2869
Delta R.T. -0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:228 Resp: 42358

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.1	34.7
229	19.9	15.8	23.8

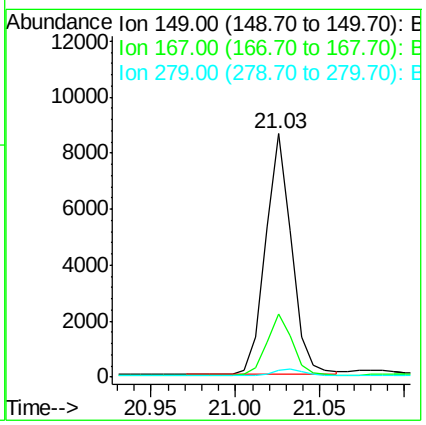


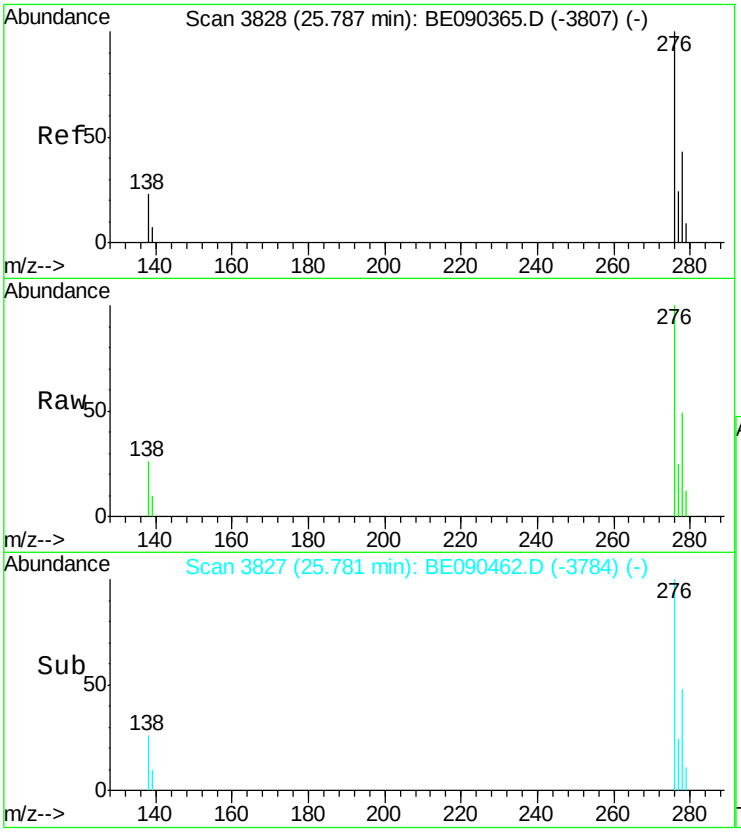


#30
Bis(2-ethylhexyl)phthalate
Concen: 1.08 ng
RT: 21.03 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Tgt Ion:149 Resp: 9072

Ion	Ratio	Lower	Upper
149	100		
167	25.4	19.8	29.8
279	3.1	2.4	3.6



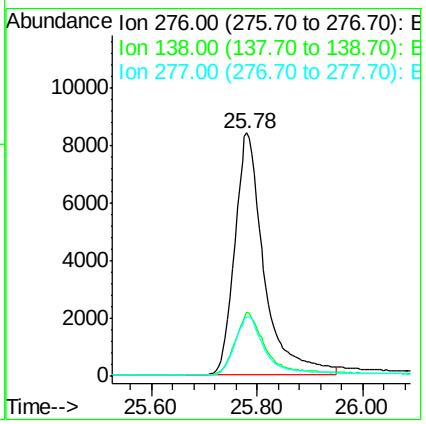


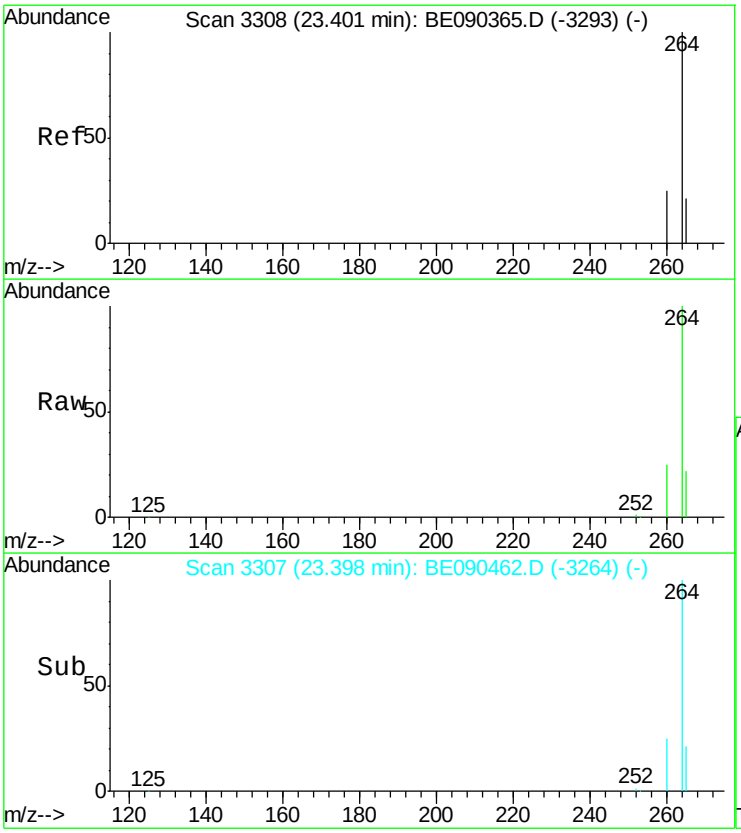
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.04 ng
RT: 25.78 min Scan# 3827
Delta R.T. -0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 32456

Ion	Ratio	Lower	Upper
276	100		
138	26.0	18.8	28.2
277	24.9	18.2	27.4

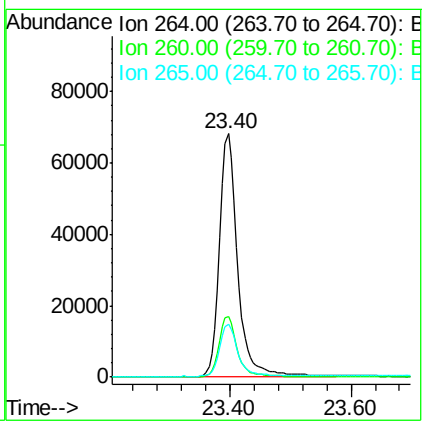


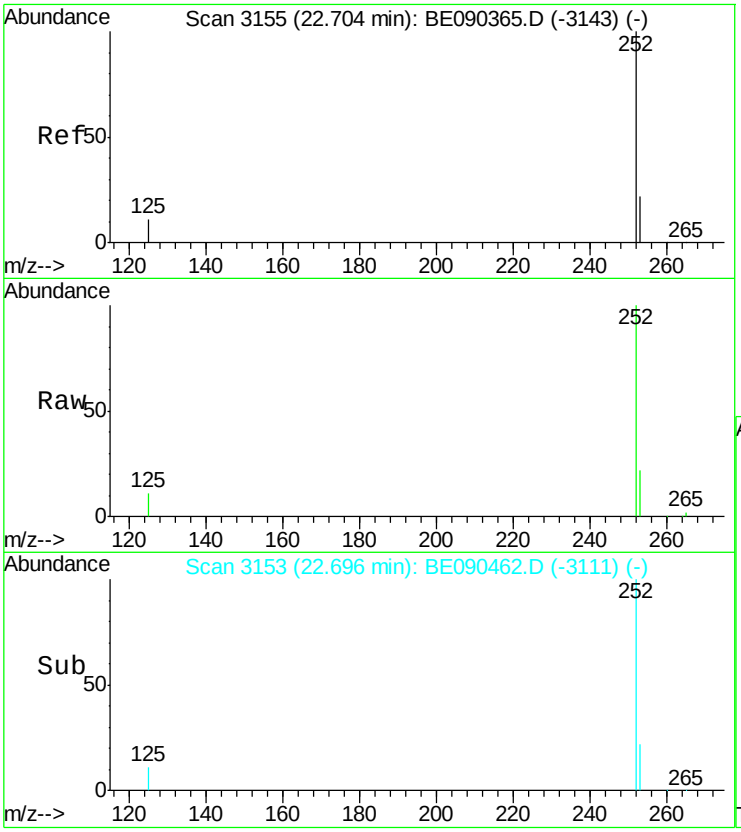


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3307
Delta R.T. -0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Tgt Ion:264 Resp: 143404

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	21.7	17.2	25.8



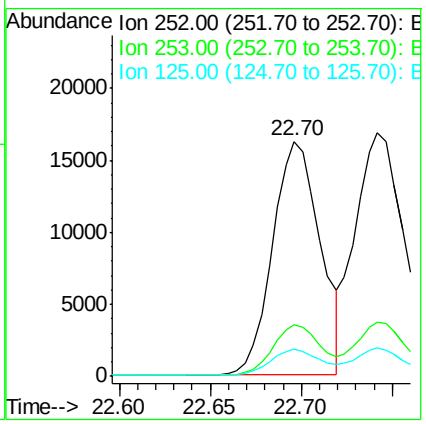


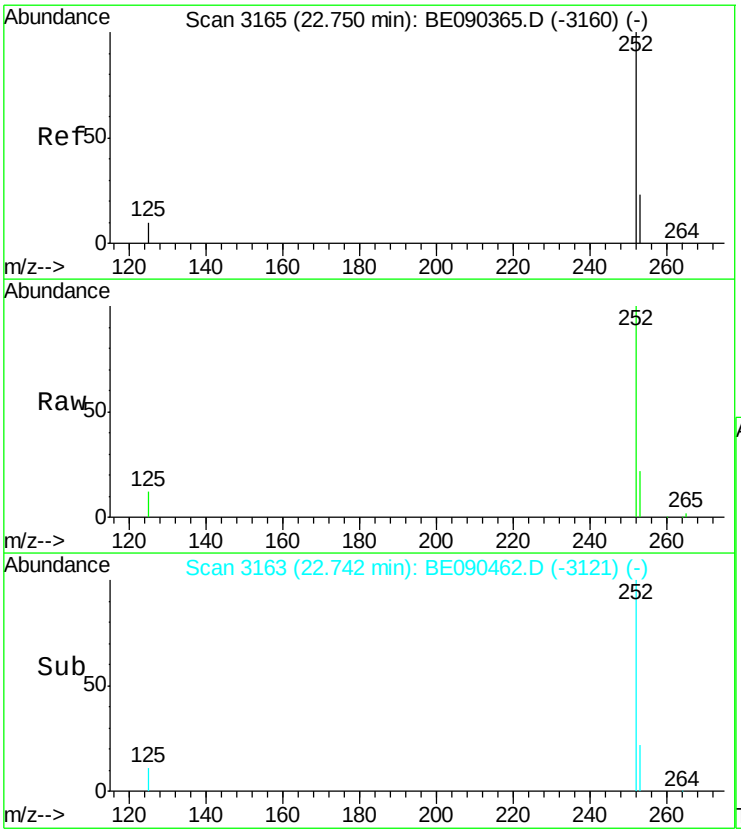
#33
Benzo(b)fluoranthene
Concen: 1.07 ng
RT: 22.70 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 29472

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	11.5	9.4	14.2

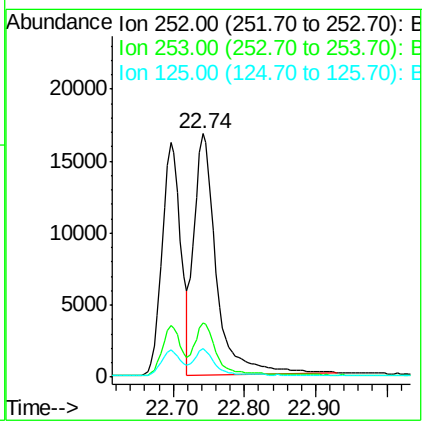


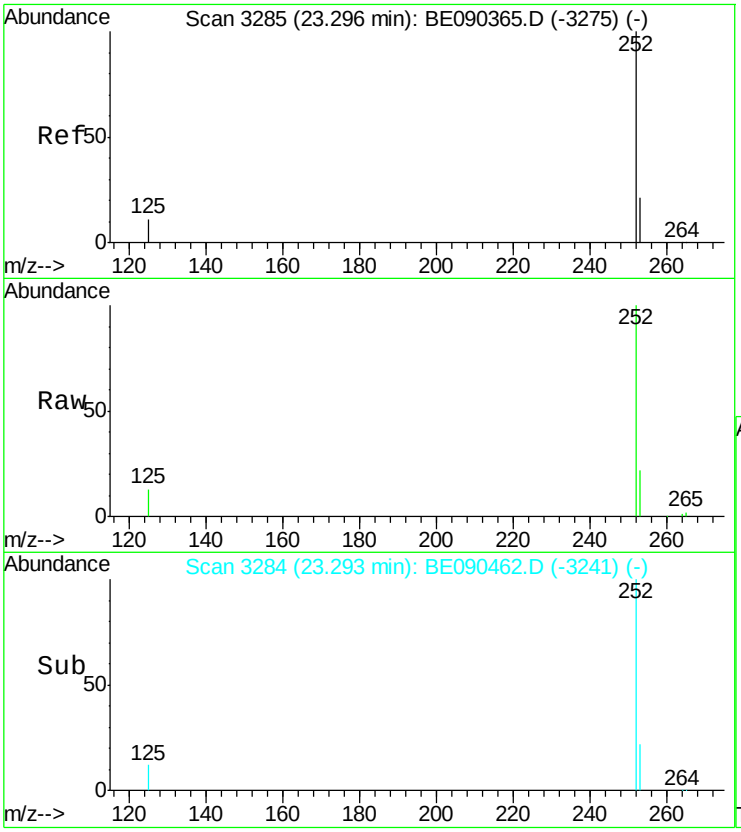


#34
Benzo(k)fluoranthene
Concen: 0.90 ng
RT: 22.74 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Tgt Ion:252 Resp: 35977

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	11.7	9.1	13.7



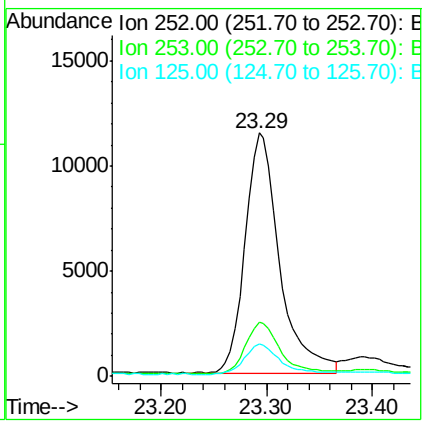


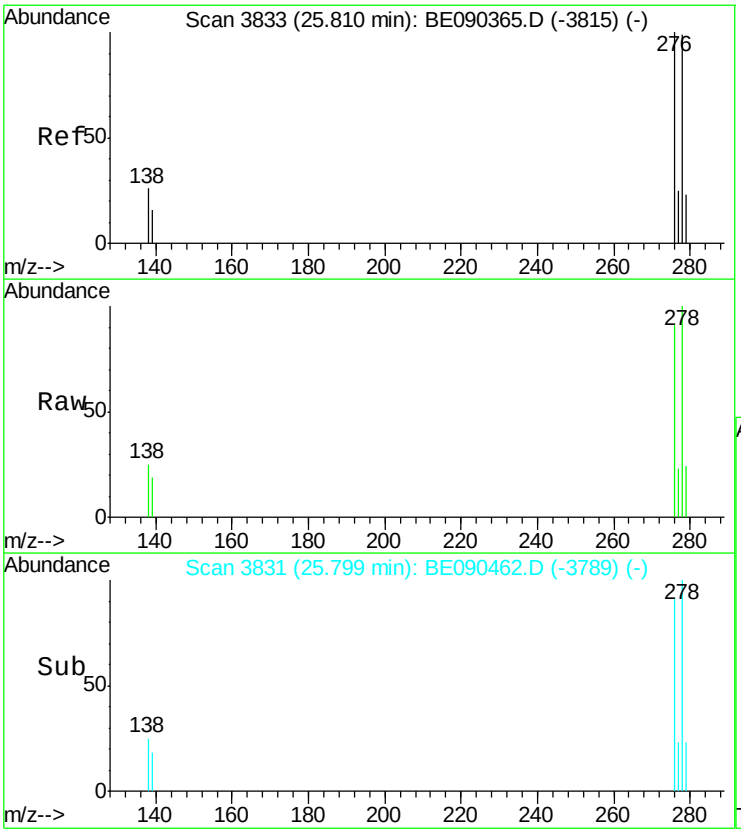
#35
Benzo(a)pyrene
Concen: 1.04 ng
RT: 23.29 min Scan# 3284
Delta R.T. -0.00 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 25974

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	13.2	9.8	14.6

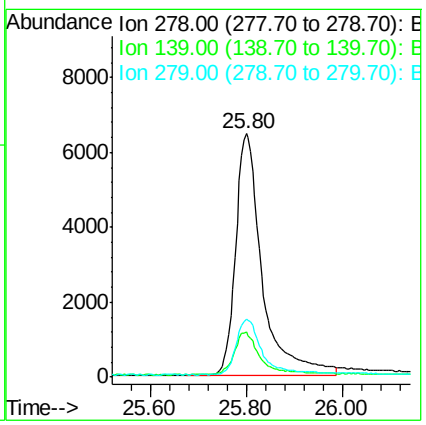


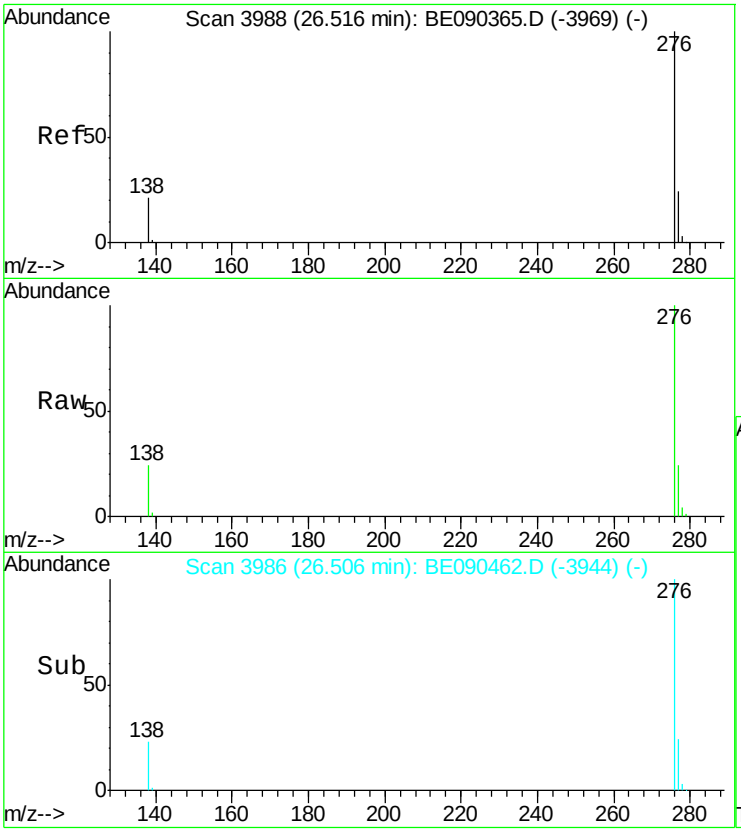


#36
Dibenzo(a,h)anthracene
Concen: 1.06 ng
RT: 25.80 min Scan# 3831
Delta R.T. -0.01 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Tgt Ion:278 Resp: 24728

Ion	Ratio	Lower	Upper
278	100		
139	18.6	14.2	21.4
279	24.0	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 1.04 ng
RT: 26.51 min Scan# 3986
Delta R.T. -0.01 min
Lab File: BE090462.D
Acq: 12 Aug 2015 11:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 27447

Ion	Ratio	Lower	Upper
276	100		
277	24.2	20.1	30.1
138	24.1	18.1	27.1