Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071015\
Data File : BE090083.D
Acq On : 10 Jul 2015 15:04
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001EC

Quant Time: Jul 10 23:13:55 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 07:01:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	24440	5.00	ng	-0.01
6) Naphthalene-d8	10.37	136	109703	5.00	ng	-0.01
12) Acenaphthene-d10	14.23	164	60022	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	130553	5.00	ng	-0.02
25) Chrysene-d12	21.12	240	140937	5.00	ng	-0.01
32) Perylene-d12	23.44	264	127343	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	6266	1.12	ng	0.00
5) Phenol-d6	6.79	99	11480	1.46	ng	0.00
7) Nitrobenzene-d5	8.75	82	9075	1.04	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	2424	1.38	ng	0.00
14) 2-Fluorobiphenyl	12.85	172	22160	1.23	ng	-0.01
27) Terphenyl-d14	19.58	244	30942	1.32	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	2649	0.79	ng	96
3) n-Nitrosodimethylamine	3.52	42	3574	0.79	ng	93
8) Nitrobenzene	8.79	77	7443	0.81	ng	98
9) Naphthalene	10.41	128	21613	0.87	ng	99
10) Hexachlorobutadiene	10.72	225	3513	0.90	ng	100
11) 2-Methylnaphthalene	12.03	142	13731	0.83	ng	99
15) Acenaphthylene	13.94	152	92913	0.86	ng	100
16) Acenaphthene	14.28	154	13519	0.87	ng	97
17) Fluorene	15.27	166	17534	0.83	ng	99
19) 4-Bromophenyl-phenylether	16.16	248	4689	0.84	ng	99
20) Hexachlorobenzene	16.28	284	19544	0.85	ng	97
21) Pentachlorophenol	16.63	266	1692	0.81	ng	98
22) Phenanthrene	17.00	178	27914	0.83	ng	100
23) Anthracene	17.10	178	25408	0.83	ng	100
24) Fluoranthene	19.00	202	29711	0.80	ng	99
26) Pyrene	19.37	202	30769	0.92	ng	100
28) Benzo(a)anthracene	21.10	228	30228	0.86	ng	99
29) Chrysene	21.16	228	30550	0.84	ng	100
30) Bis(2-ethylhexyl)phthalate	21.05	149	10318	0.90	ng	99
31) Indeno(1,2,3-cd)pyrene	25.84	276	29414	0.84	ng	99
33) Benzo(b)fluoranthene	22.73	252	25988	0.93	ng	99
34) Benzo(k)fluoranthene	22.77	252	29381	0.94	ng	99
35) Benzo(a)pyrene	23.33	252	23950	0.92	ng	99
36) Dibenzo(a,h)anthracene	25.86	278	23398	0.88	ng	99
37) Benzo(g,h,i)perylene	26.57	276	23803	0.88	ng	98

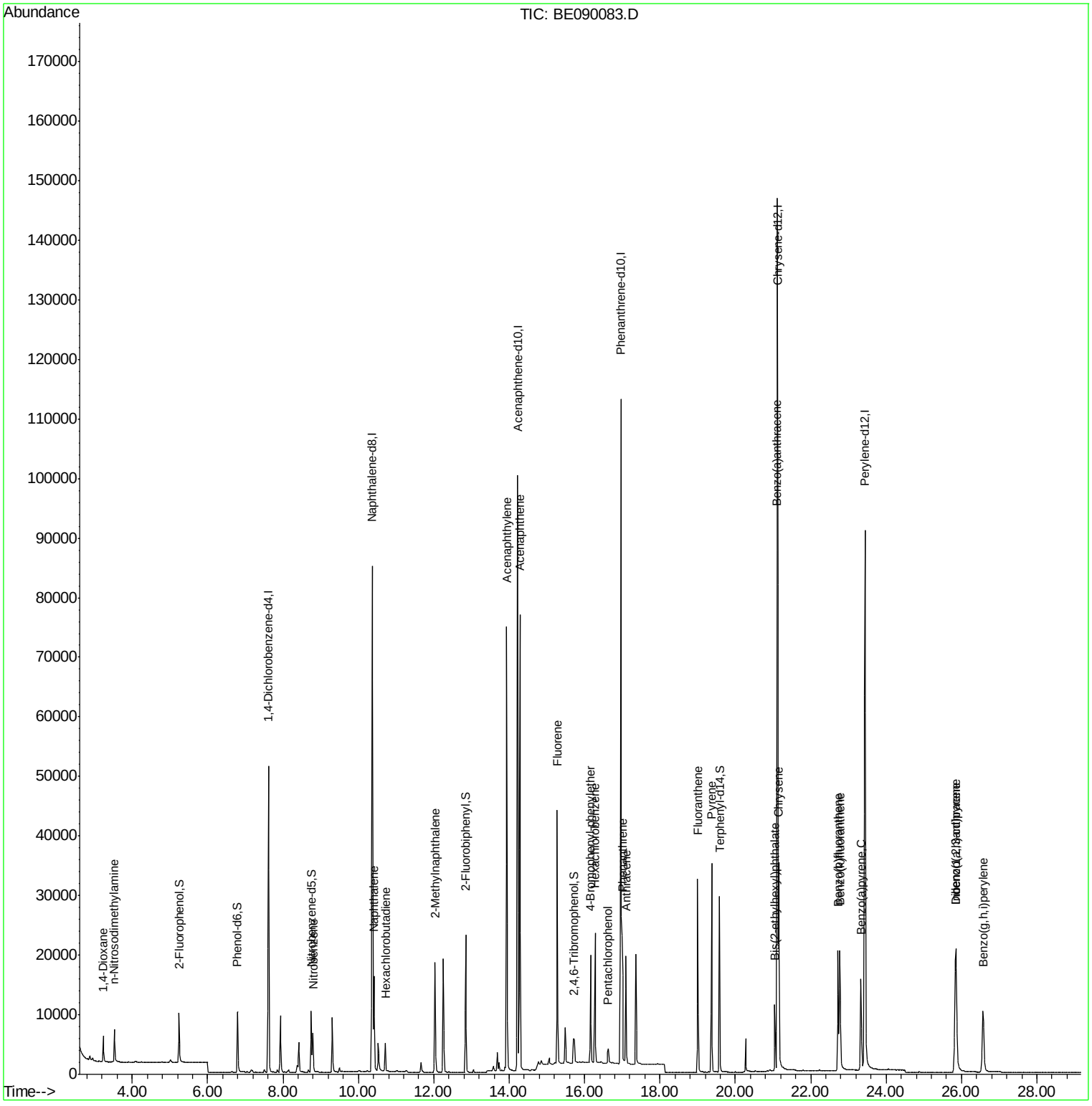
(#) = qualifier out of range (m) = manual integration (+) = signals summed

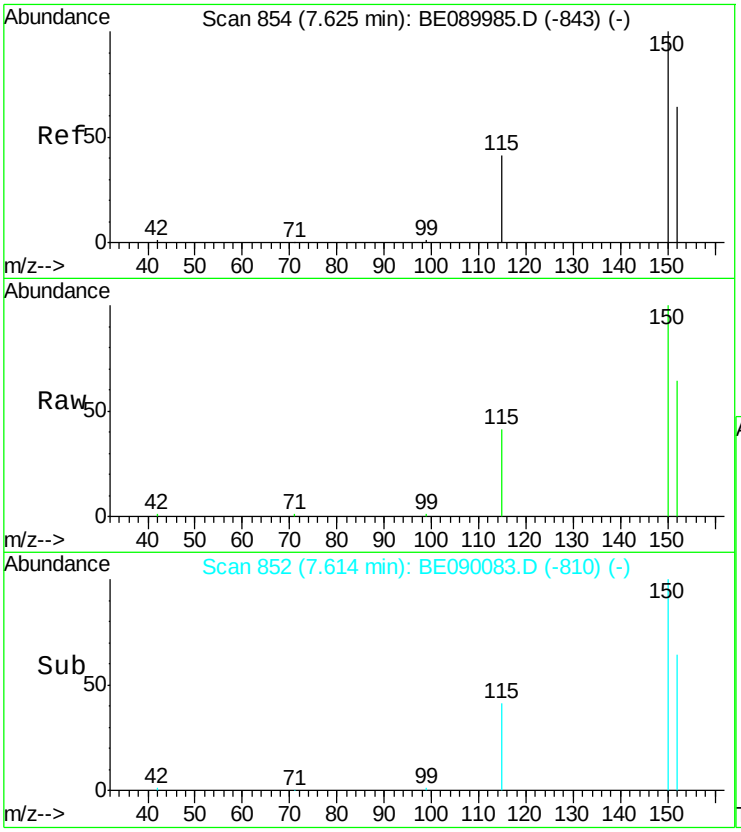
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071015\
Data File : BE090083.D
Acq On : 10 Jul 2015 15:04
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Quant Time: Jul 10 23:13:55 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 07:01:01 2015
Response via : Initial Calibration



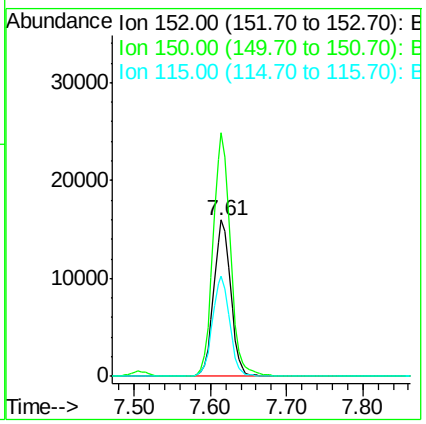


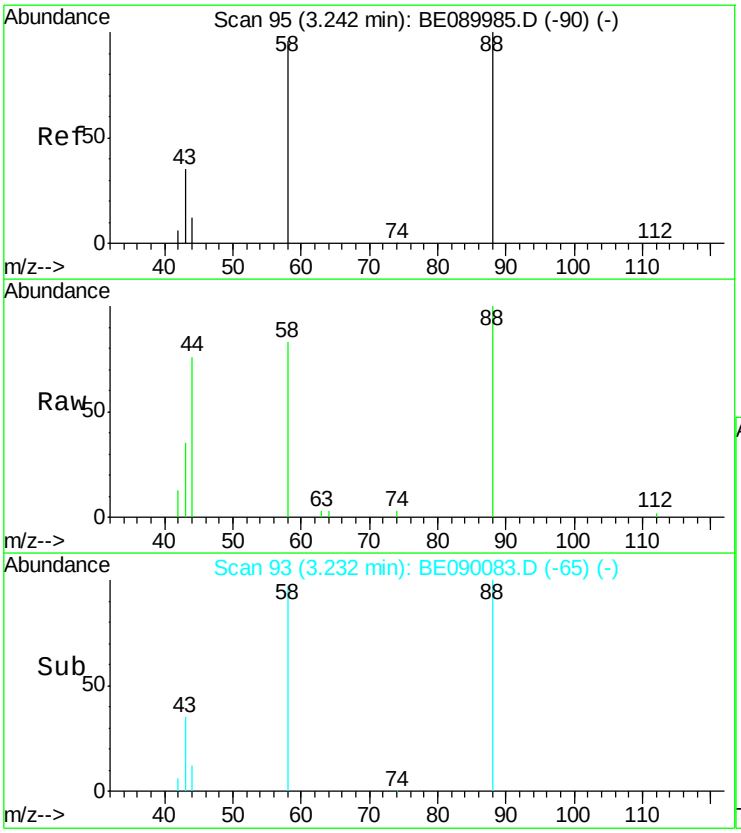
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 852
Delta R.T. -0.01 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 24440

Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.9	185.9
115	63.9	50.6	76.0

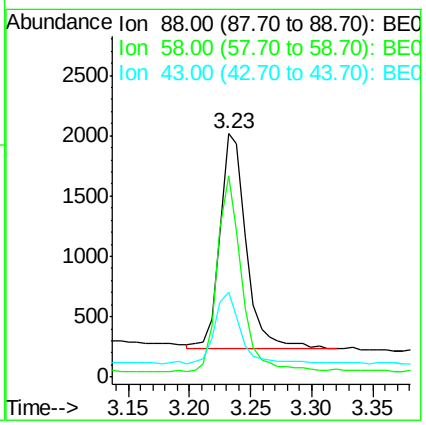


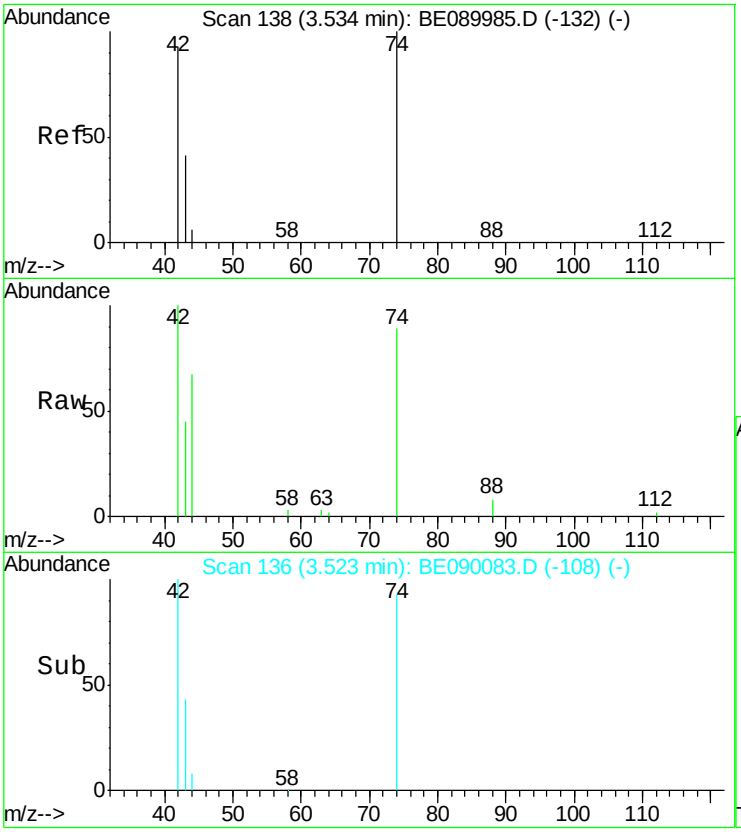


#2
1,4-Dioxane
Concen: 0.79 ng
RT: 3.23 min Scan# 93
Delta R.T. -0.01 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Tgt Ion: 88 Resp: 2649

Ion	Ratio	Lower	Upper
88	100		
58	84.3	70.9	106.3
43	32.9	27.6	41.4



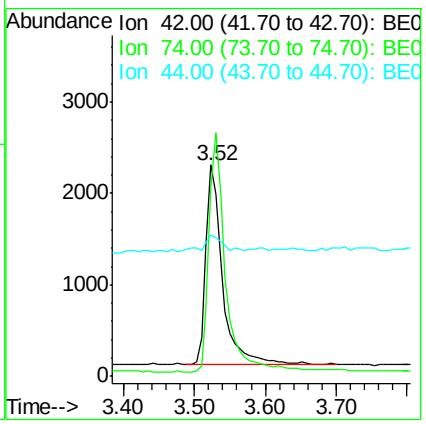


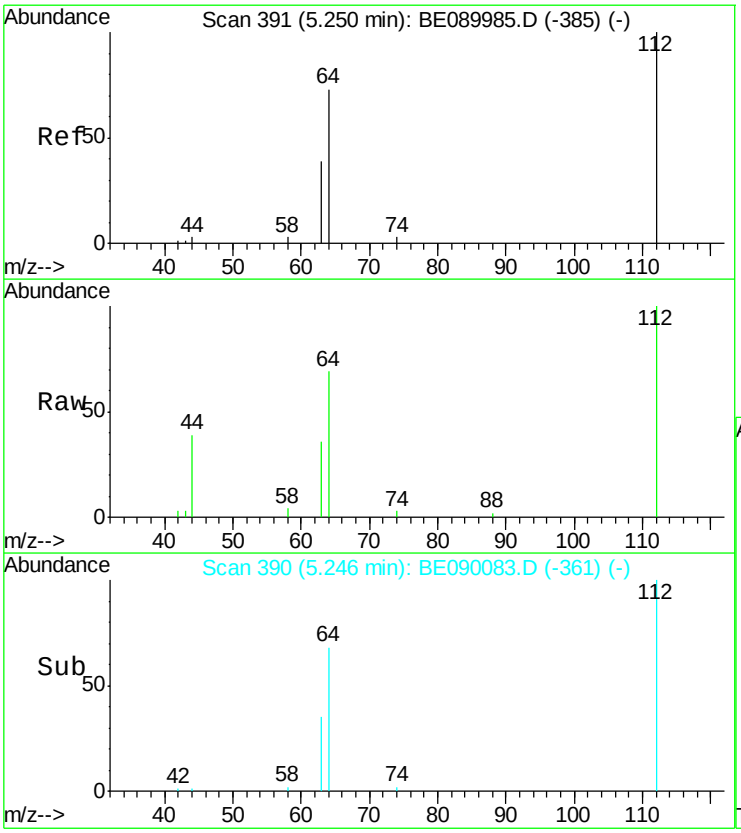
#3
n-Nitrosodimethylamine
Concen: 0.79 ng
RT: 3.52 min Scan# 136
Delta R.T. -0.01 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 42 Resp: 3574

Ion	Ratio	Lower	Upper
42	100		
74	119.2	89.4	134.2
44	9.8	6.9	10.3

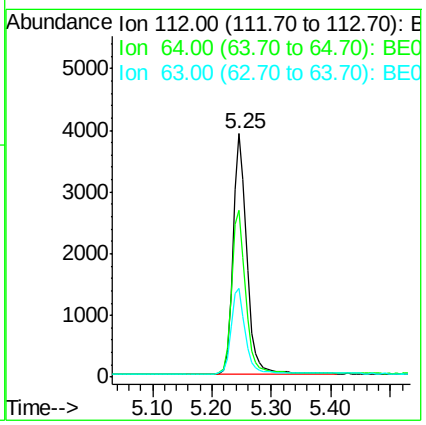


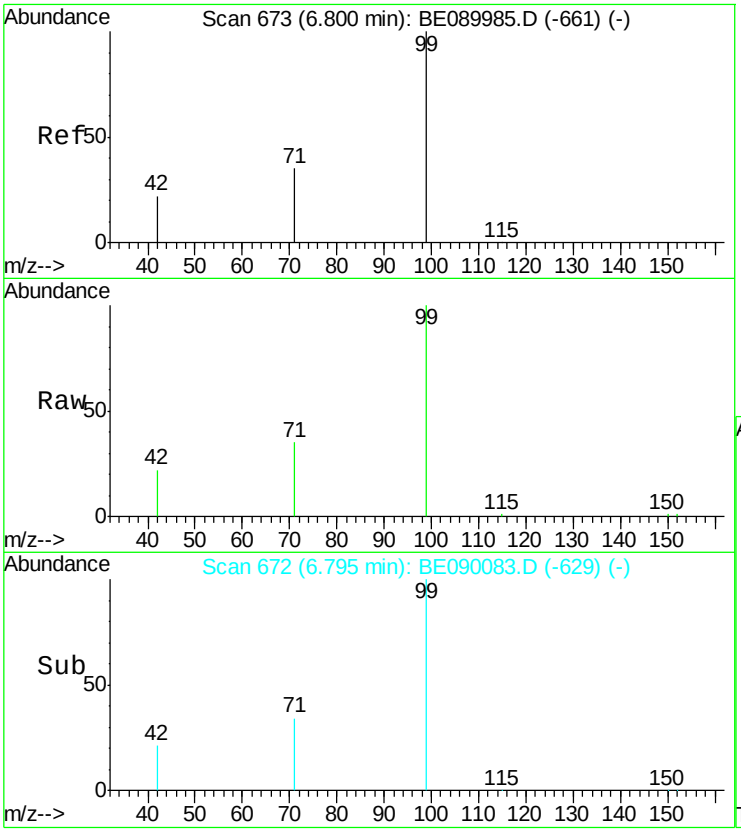


#4
2-Fluorophenol
Concen: 1.12 ng
RT: 5.25 min Scan# 390
Delta R.T. -0.00 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Tgt Ion:112 Resp: 6266

Ion	Ratio	Lower	Upper
112	100		
64	69.3	56.3	84.5
63	36.6	29.8	44.6



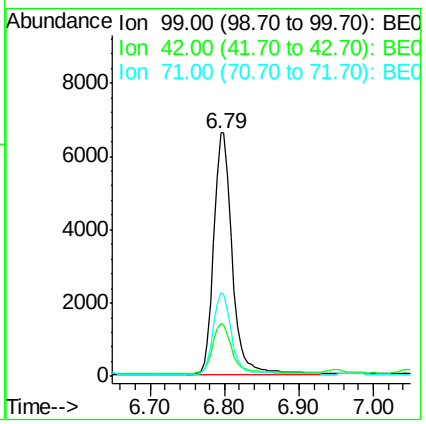


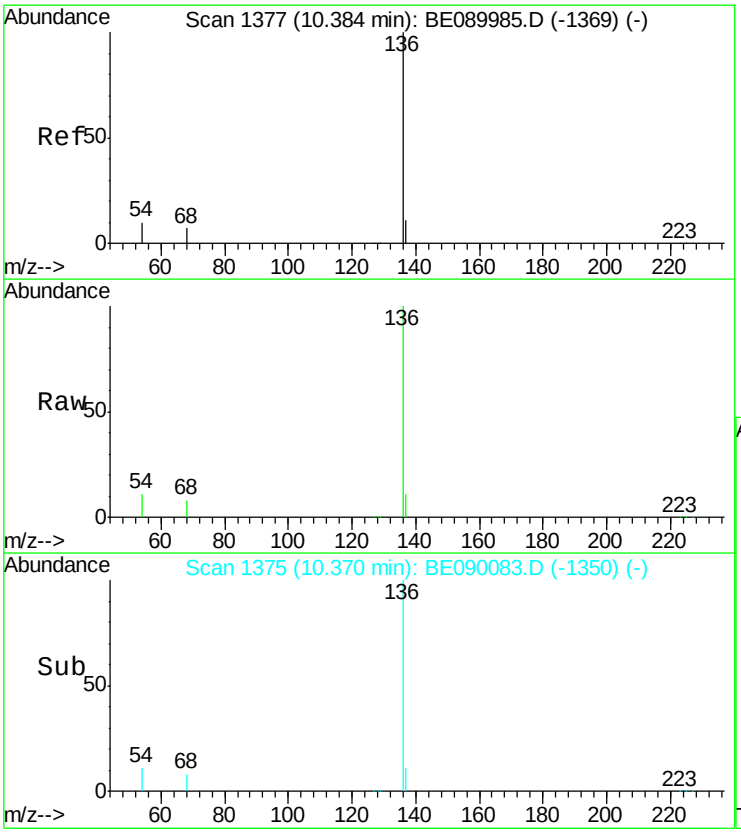
#5
Phenol-d6
Concen: 1.46 ng
RT: 6.79 min Scan# 672
Delta R.T. -0.01 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 99 Resp: 11480

Ion	Ratio	Lower	Upper
99	100		
42	21.5	18.7	28.1
71	34.0	27.5	41.3

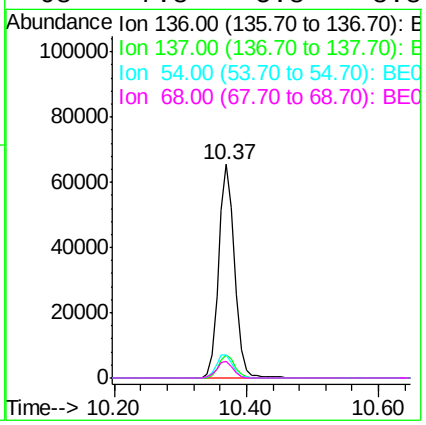


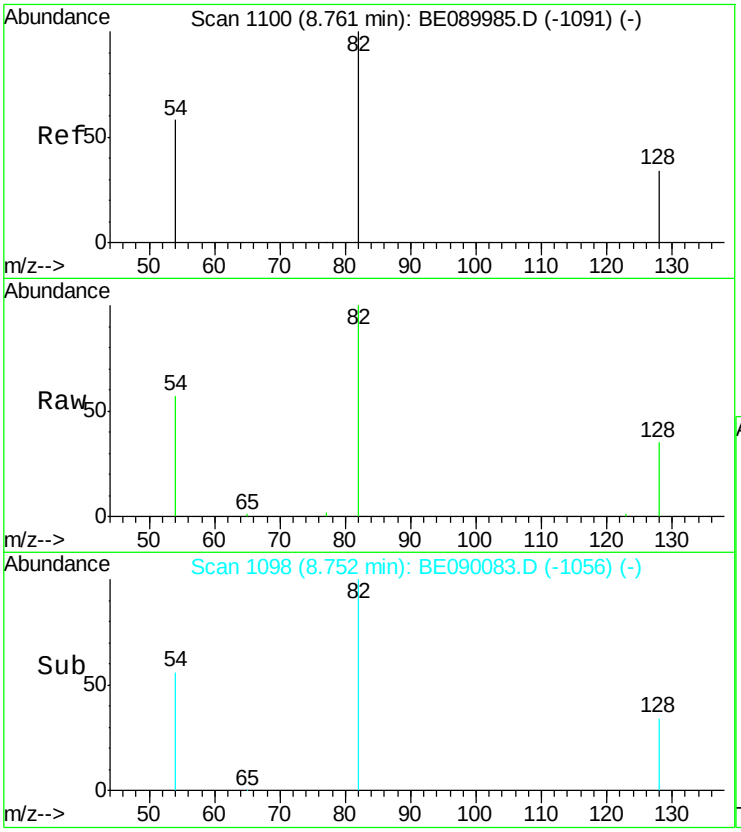


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.37 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Tgt Ion:136 Resp: 109703

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.9	8.2	12.4
68	7.8	5.8	8.8



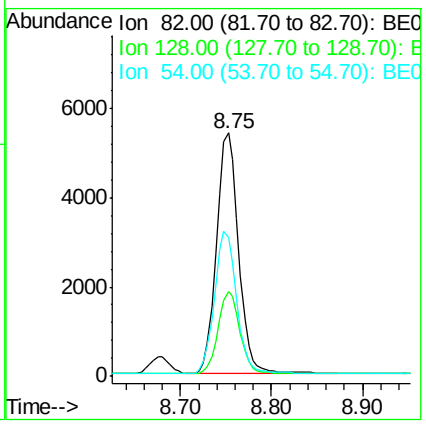


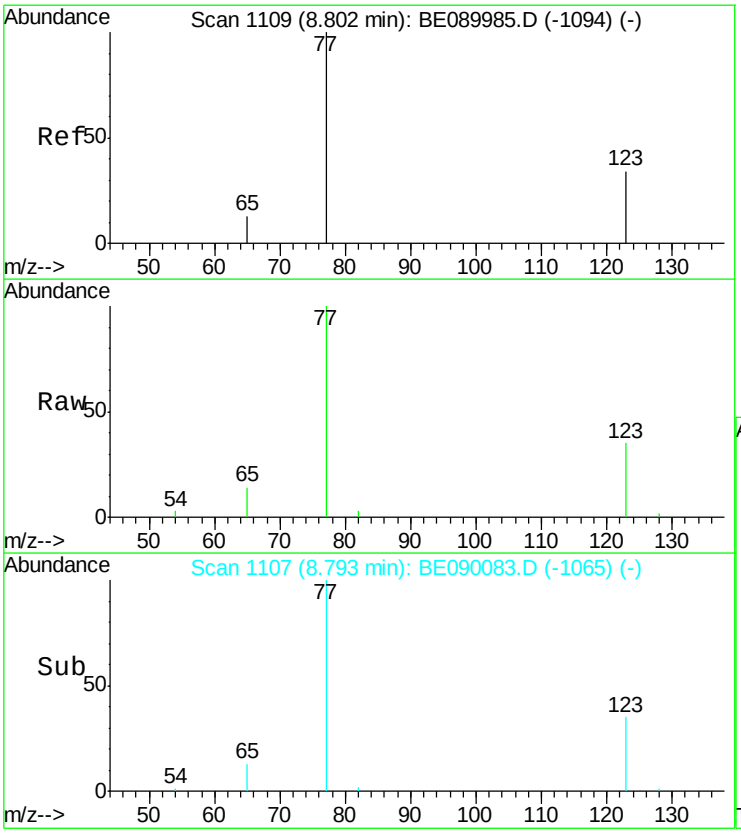
#7
Nitrobenzene-d5
Concen: 1.04 ng
RT: 8.75 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 82 Resp: 9075

Ion	Ratio	Lower	Upper
82	100		
128	34.8	28.0	42.0
54	56.9	47.6	71.4

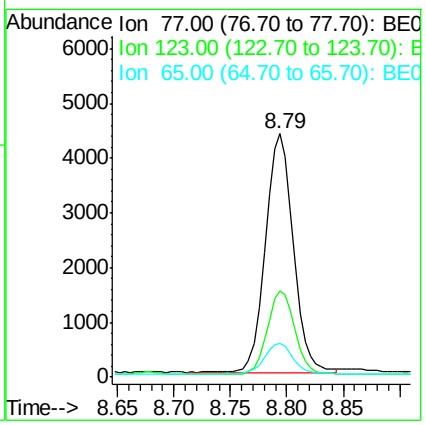


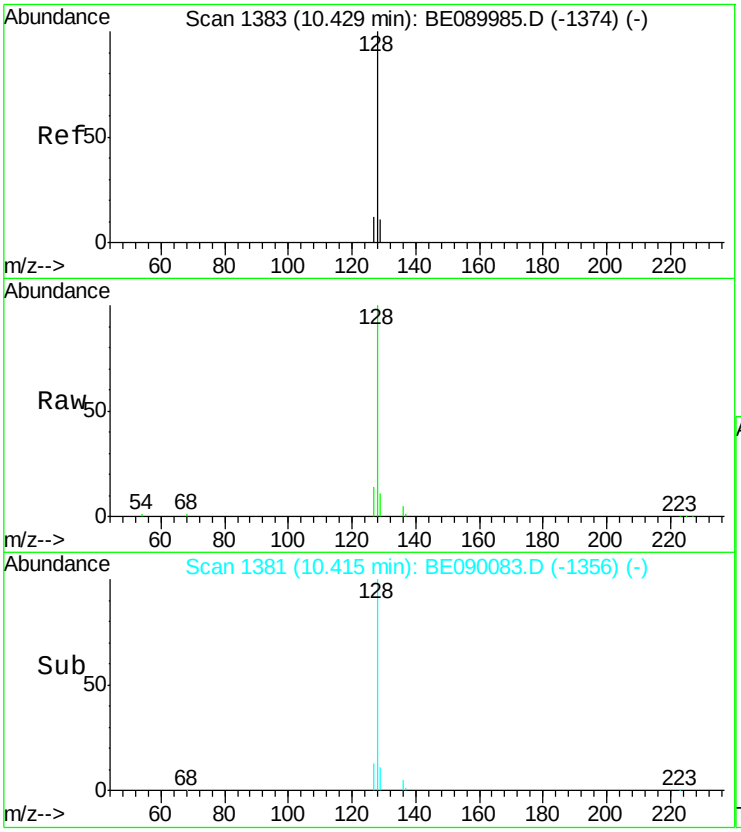


#8
Nitrobenzene
Concen: 0.81 ng
RT: 8.79 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Tgt Ion: 77 Resp: 7443

Ion	Ratio	Lower	Upper
77	100		
123	35.4	27.4	41.0
65	12.7	10.6	15.8



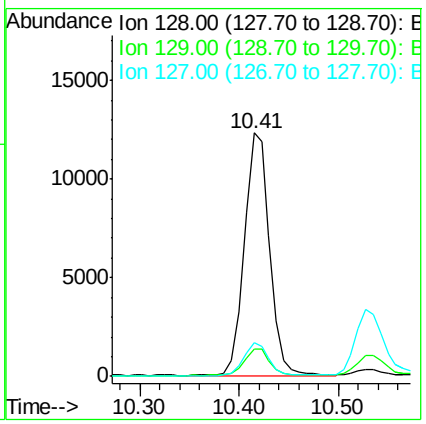


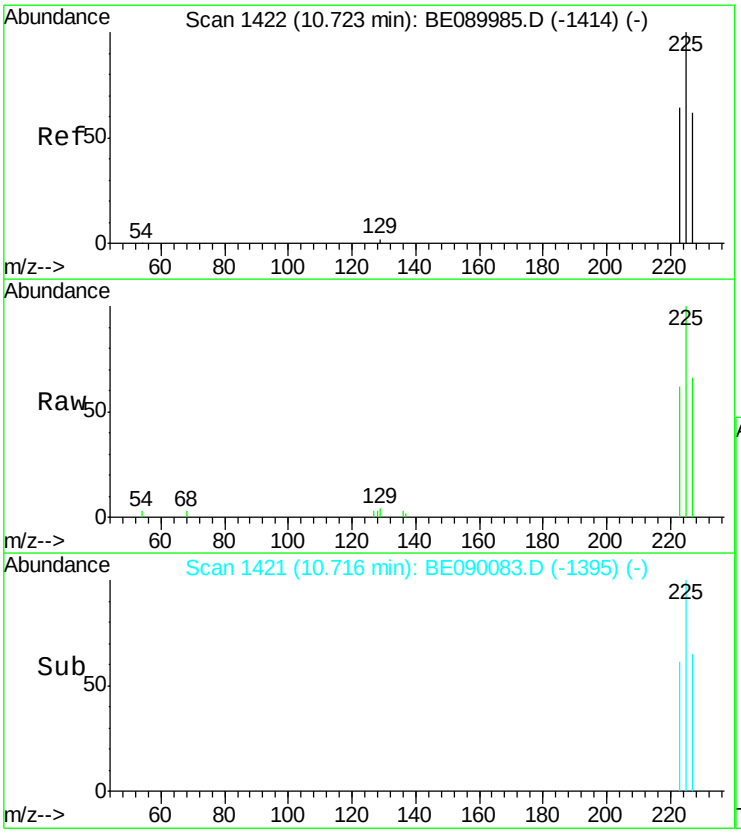
#9
Naphthalene
Concen: 0.87 ng
RT: 10.41 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:128 Resp: 21613

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	13.6	10.2	15.4

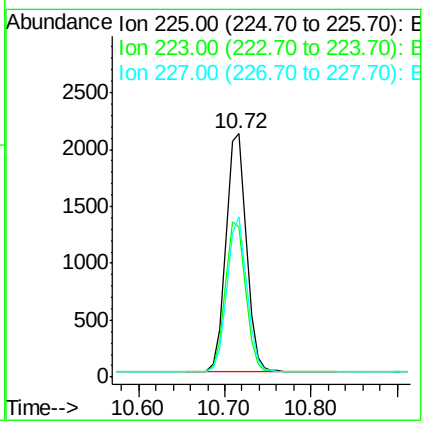


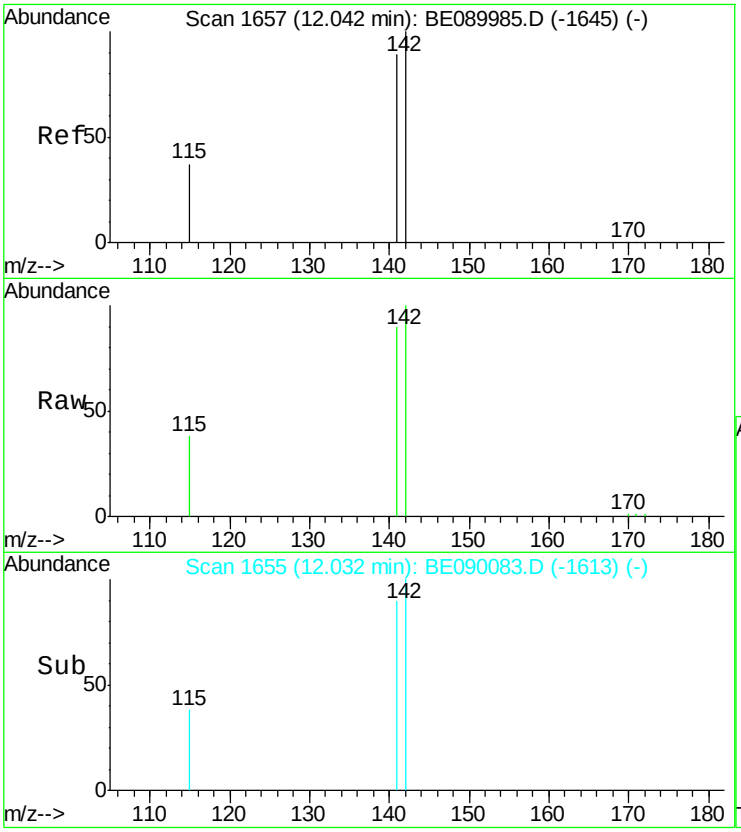


#10
Hexachlorobutadiene
Concen: 0.90 ng
RT: 10.72 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Tgt Ion:225 Resp: 3513

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.1	75.1
227	63.7	50.9	76.3



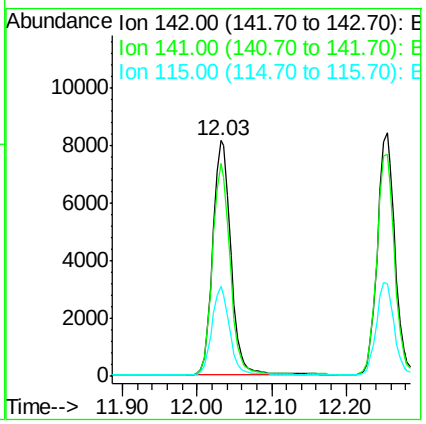


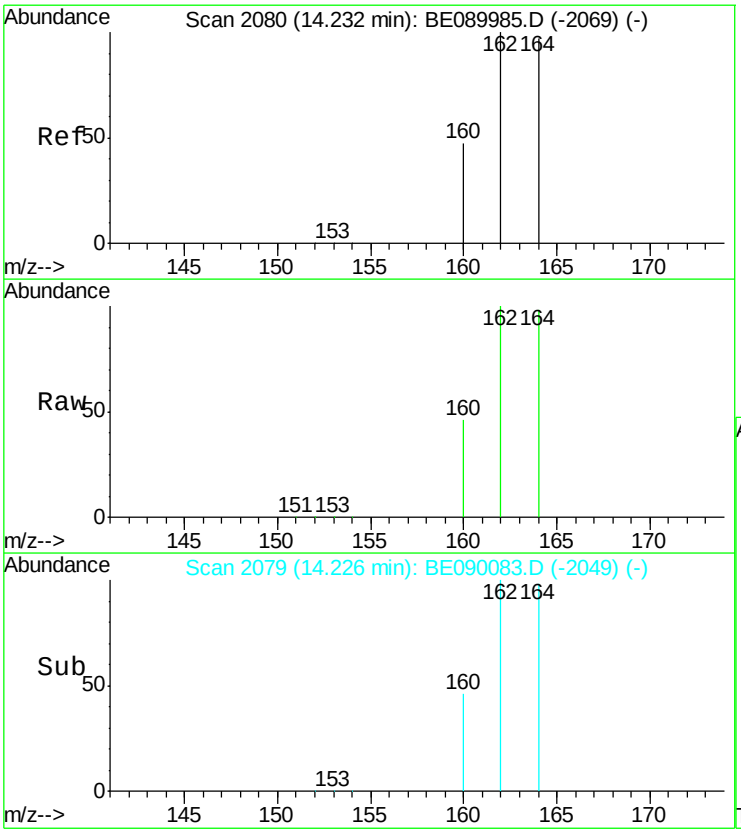
#11
2-Methylnaphthalene
Concen: 0.83 ng
RT: 12.03 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:142 Resp: 13731

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.3	106.9
115	38.2	30.4	45.6

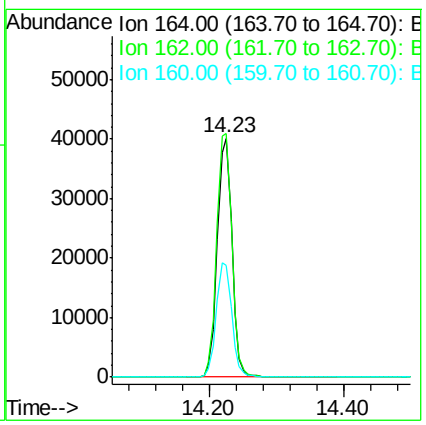


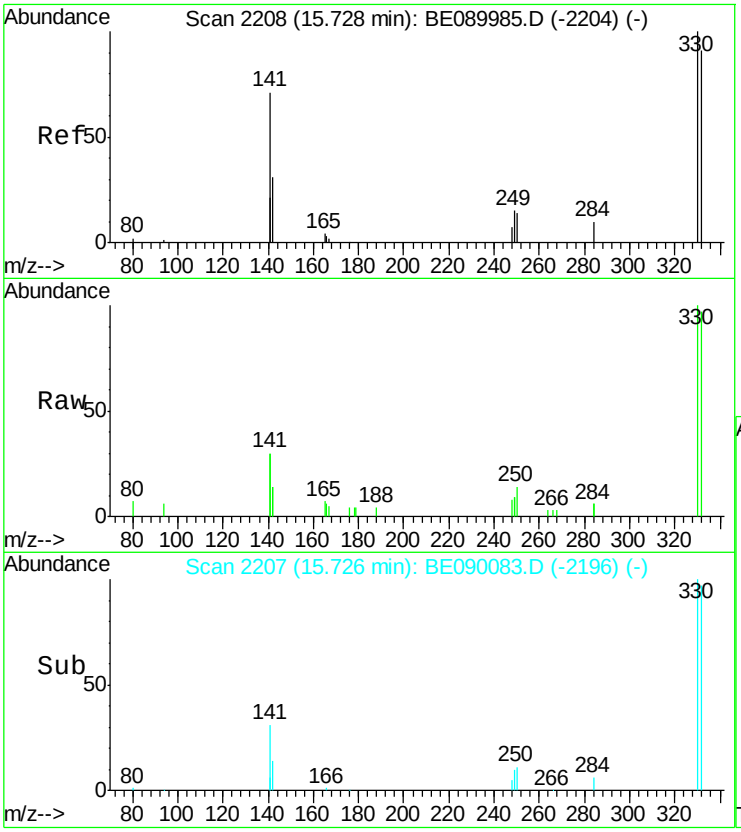


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.23 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Tgt Ion:164 Resp: 60022

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.2	123.4
160	47.0	39.0	58.6



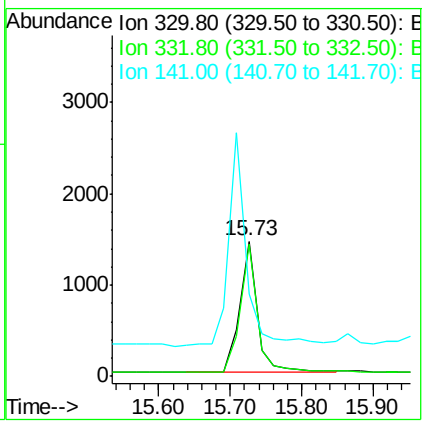


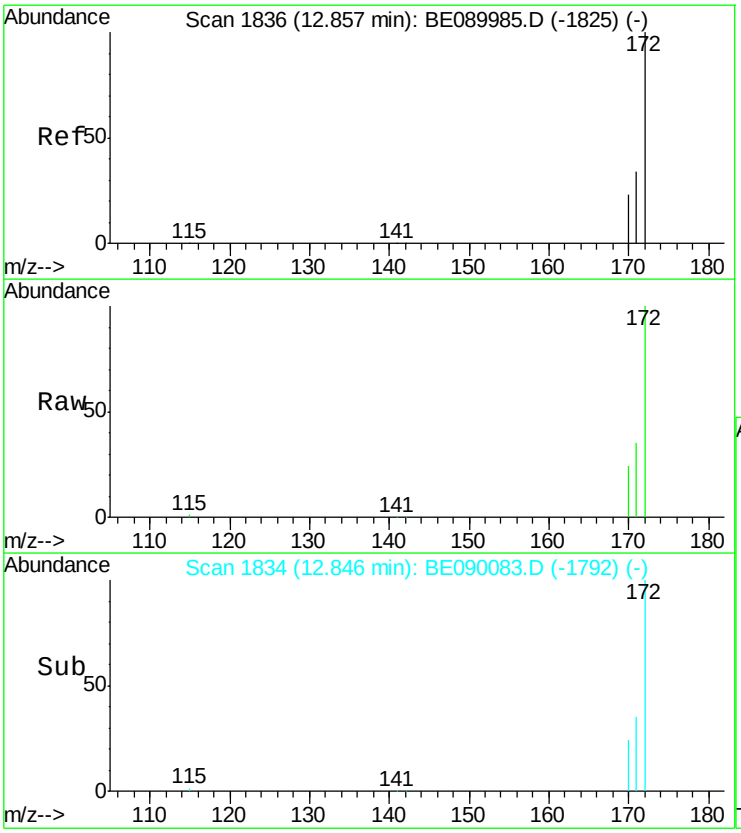
#13
2,4,6-Tribromophenol
Concen: 1.38 ng
RT: 15.73 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:330 Resp: 2424

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.4	114.6
141	164.9	130.3	195.5

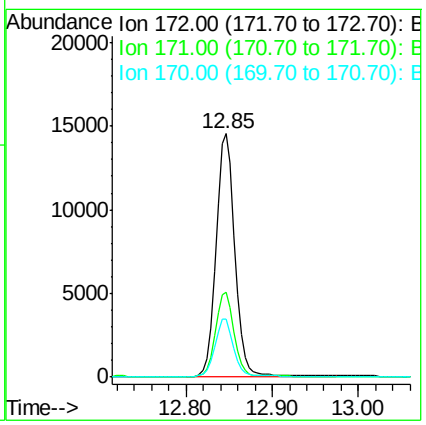


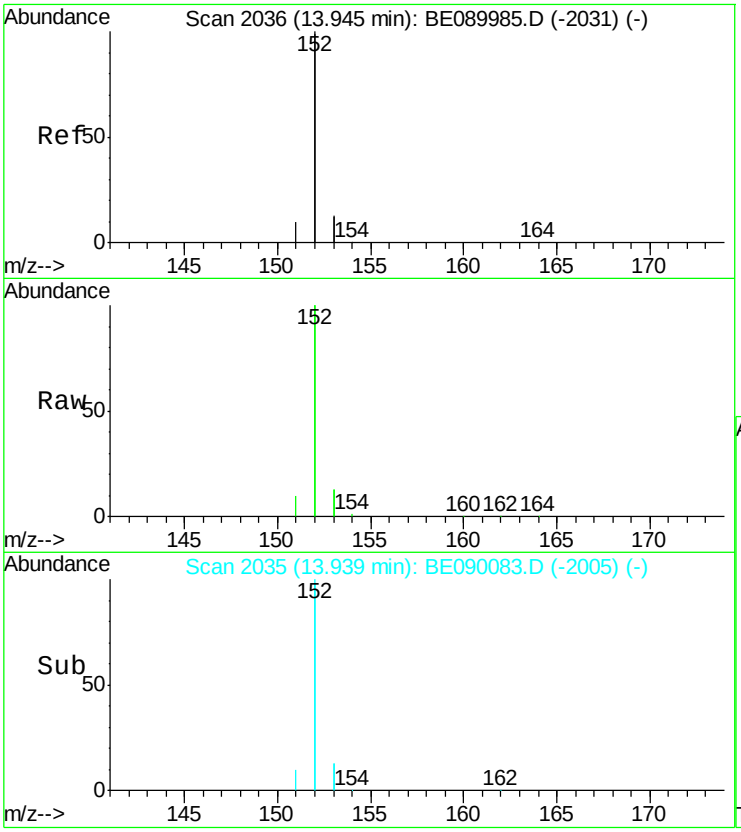


#14
2-Fluorobiphenyl
Concen: 1.23 ng
RT: 12.85 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Tgt Ion:172 Resp: 22160

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.6
170	23.9	18.3	27.5



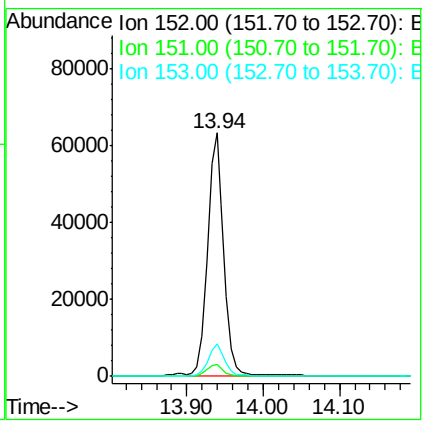


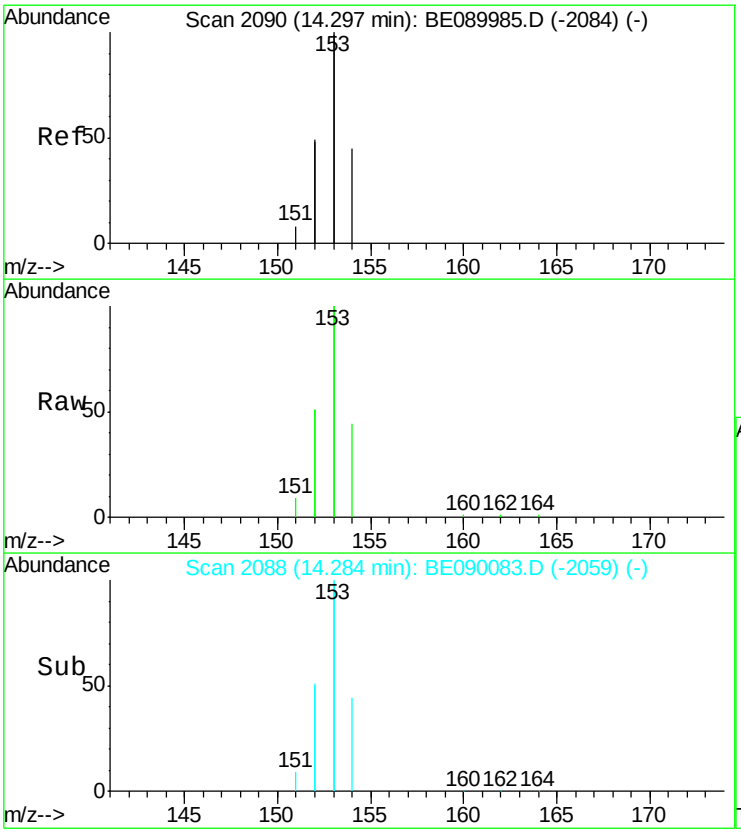
#15
Acenaphthylene
Concen: 0.86 ng
RT: 13.94 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 92913

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.0	10.4	15.6

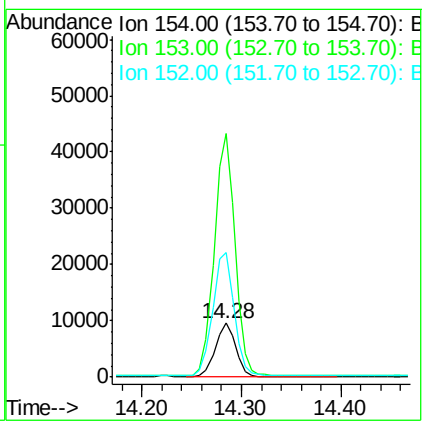


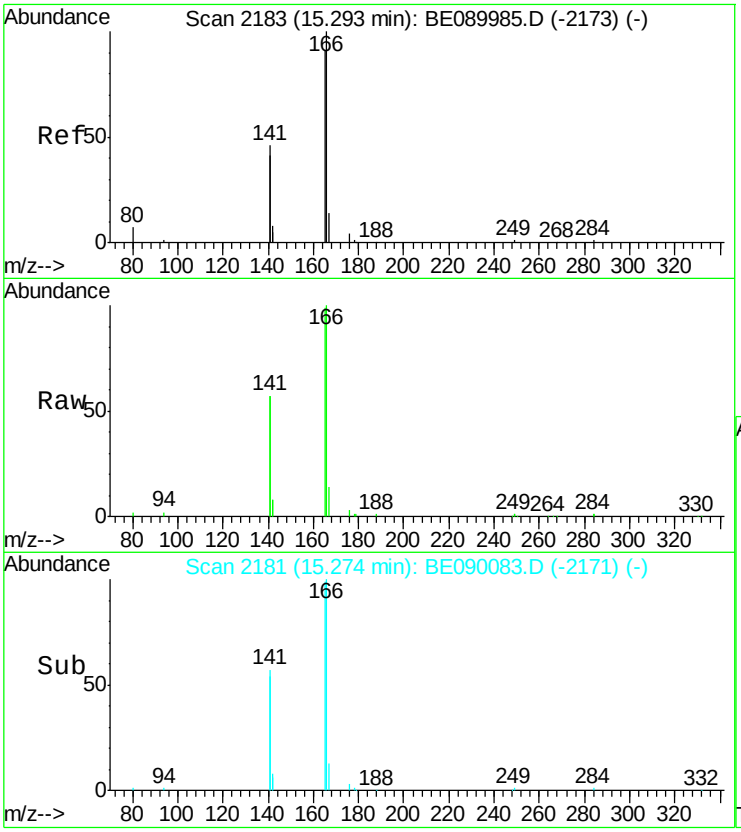


#16
Acenaphthene
Concen: 0.87 ng
RT: 14.28 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Tgt Ion:154 Resp: 13519

Ion	Ratio	Lower	Upper
154	100		
153	456.2	358.6	538.0
152	240.0	189.6	284.4



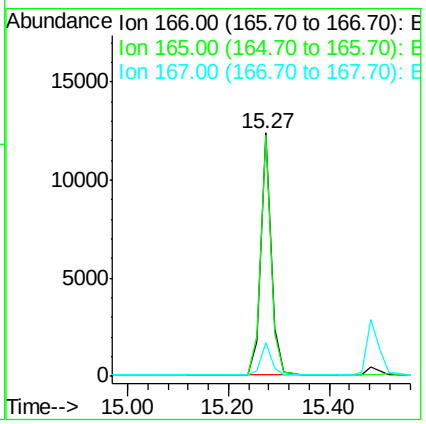


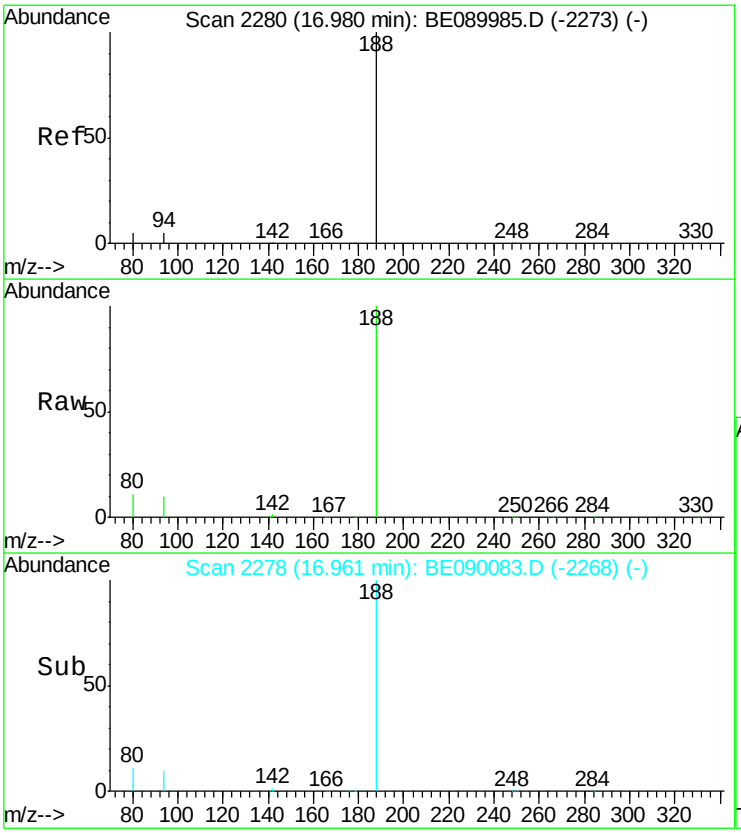
#17
Fluorene
Concen: 0.83 ng
RT: 15.27 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:166 Resp: 17534

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.0	118.6
167	14.2	11.8	17.8

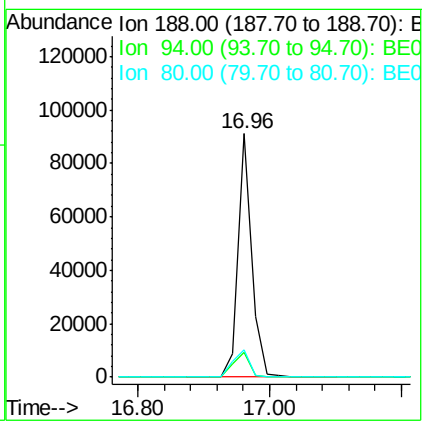


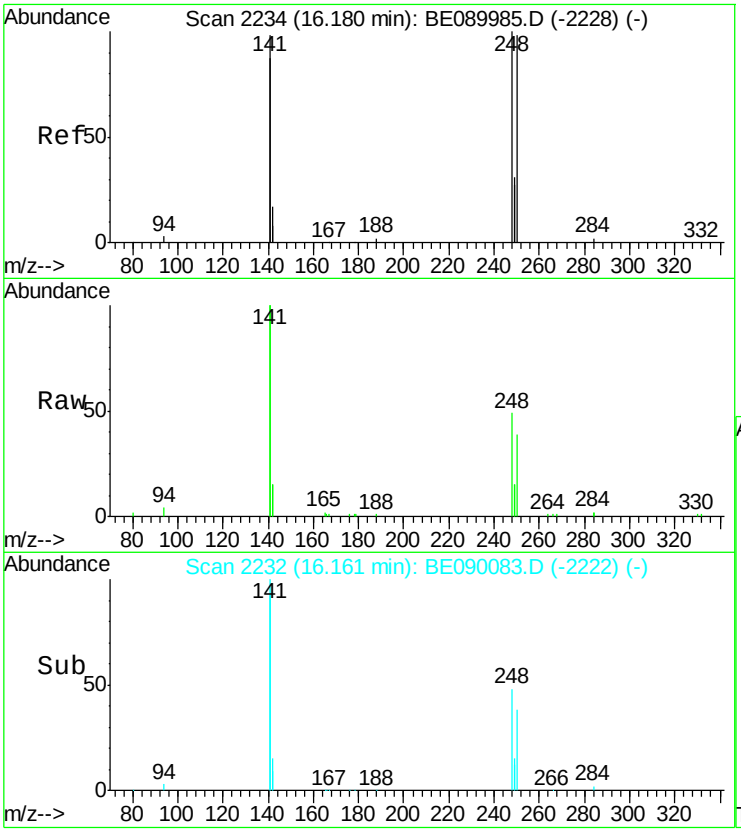


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.96 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Tgt Ion:188 Resp: 130553

Ion	Ratio	Lower	Upper
188	100		
94	10.2	4.1	6.1#
80	11.0	4.2	6.2#



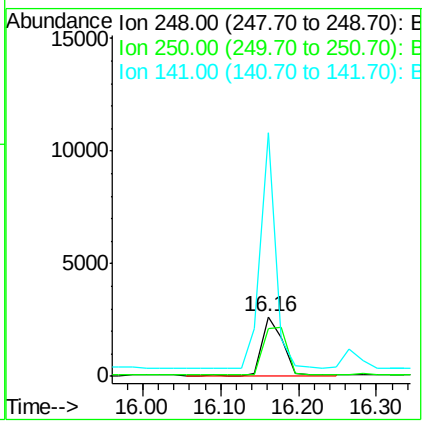


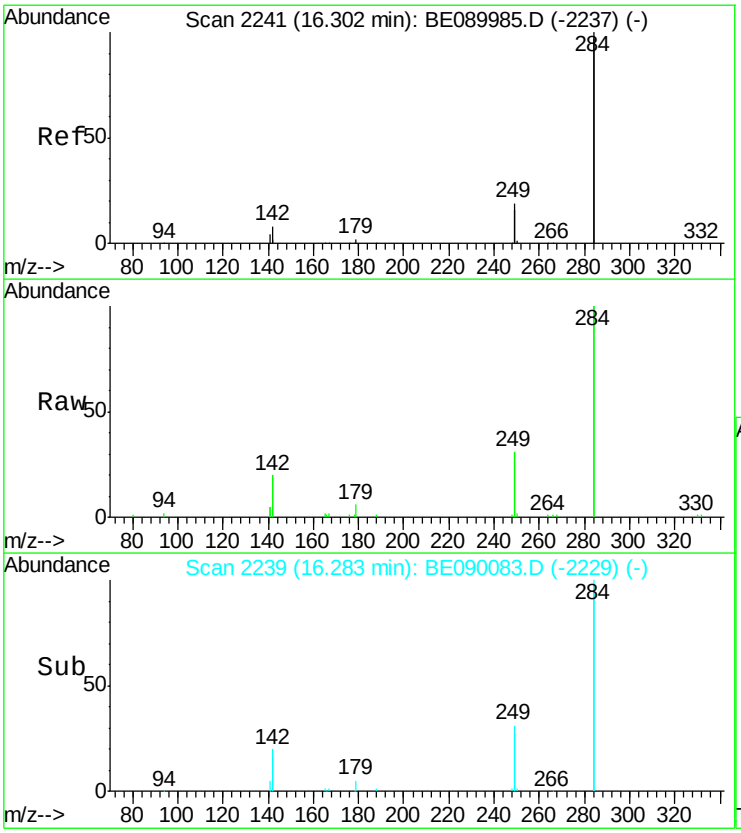
#19
4-Bromophenyl-phenylether
Concen: 0.84 ng
RT: 16.16 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:248 Resp: 4689

Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.3	117.5
141	307.2	248.1	372.1

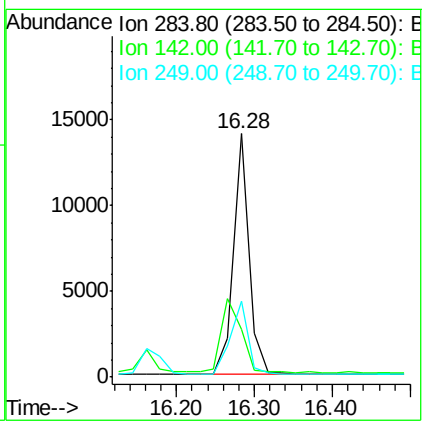


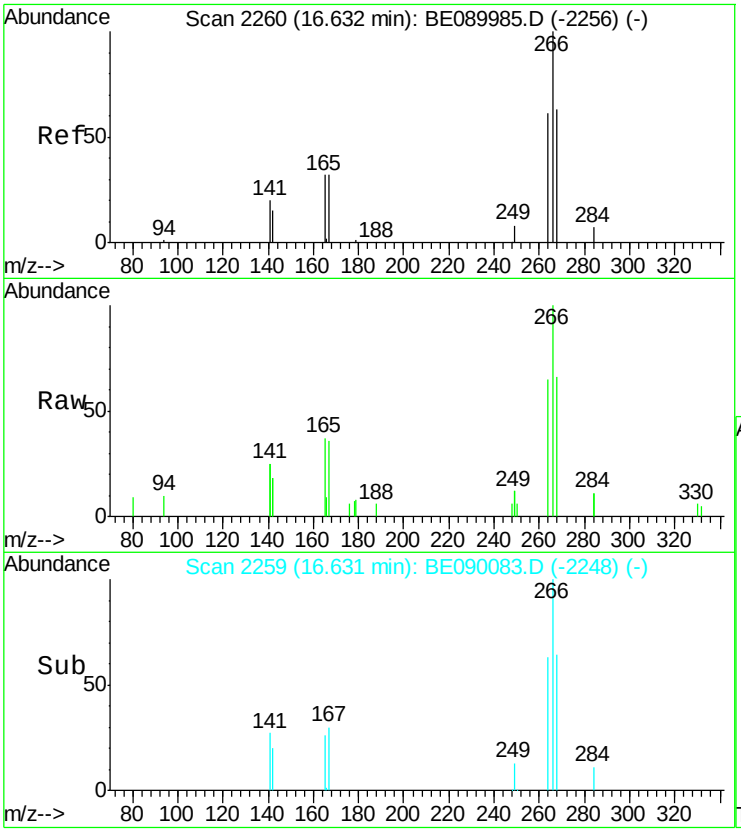


#20
Hexachlorobenzene
Concen: 0.85 ng
RT: 16.28 min Scan# 2239
Delta R.T. -0.02 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Tgt Ion:284 Resp: 19544

Ion	Ratio	Lower	Upper
284	100		
142	38.6	32.6	49.0
249	33.5	25.5	38.3



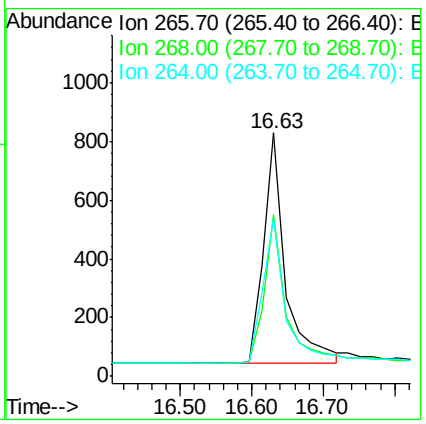


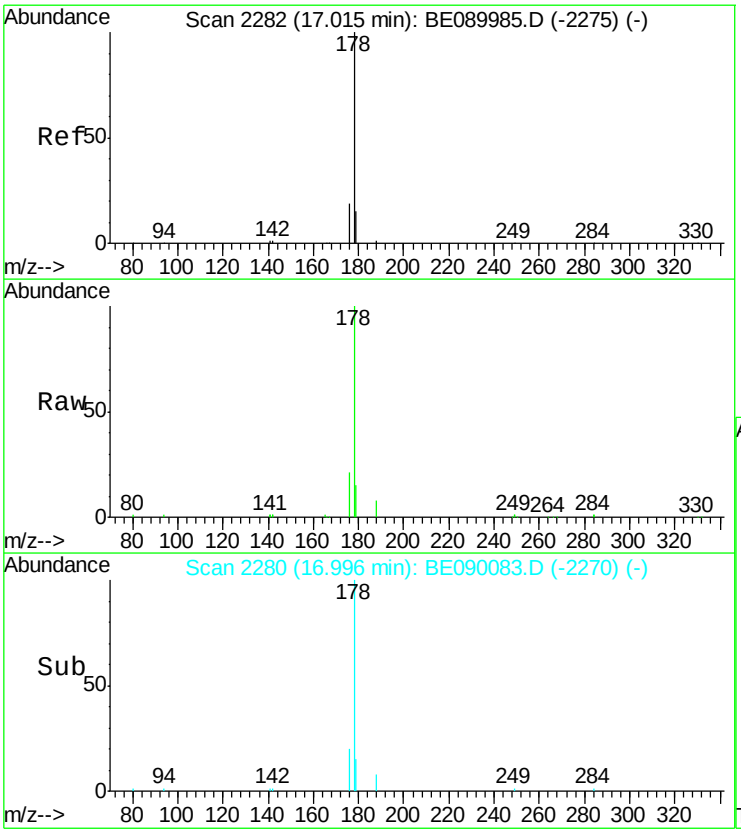
#21
Pentachlorophenol
Concen: 0.81 ng
RT: 16.63 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:266 Resp: 1692

Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.8	77.8
264	64.9	50.2	75.2

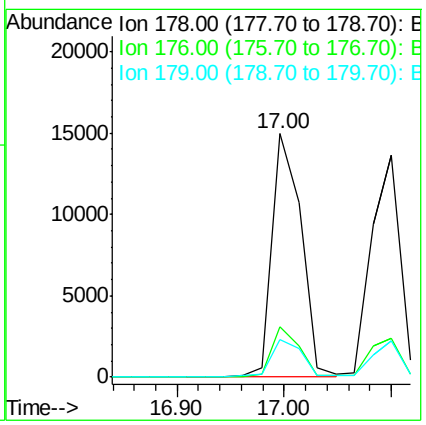


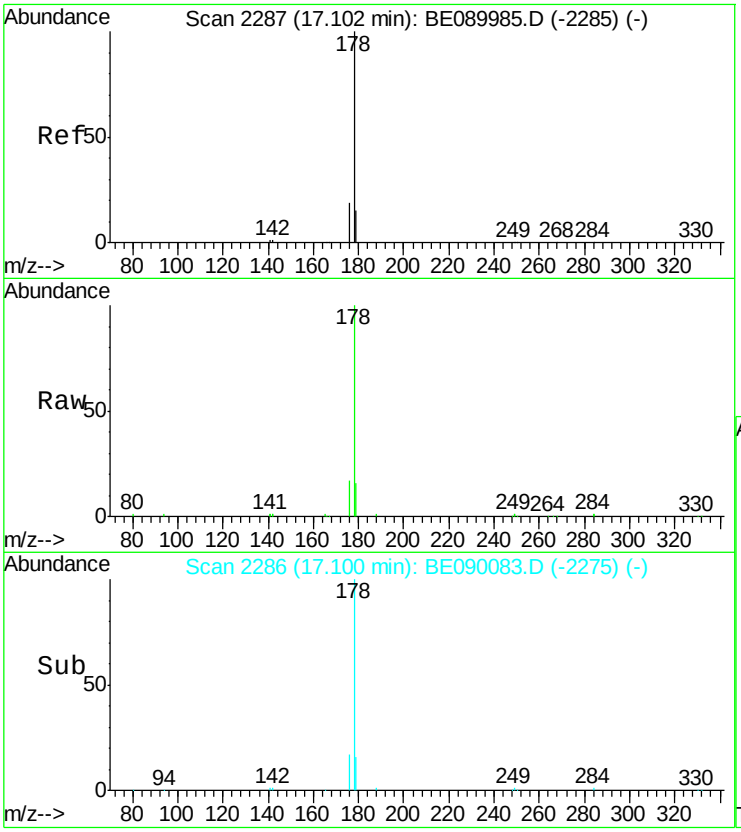


#22
Phenanthrene
Concen: 0.83 ng
RT: 17.00 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Tgt Ion:178 Resp: 27914

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.8	12.4	18.6



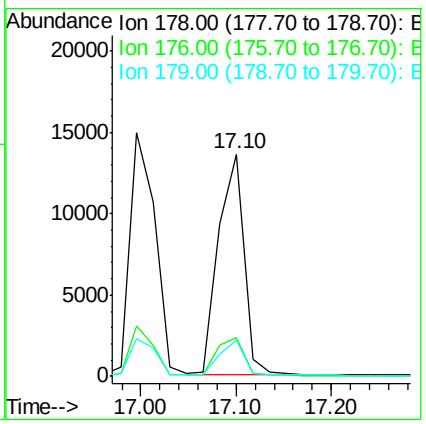


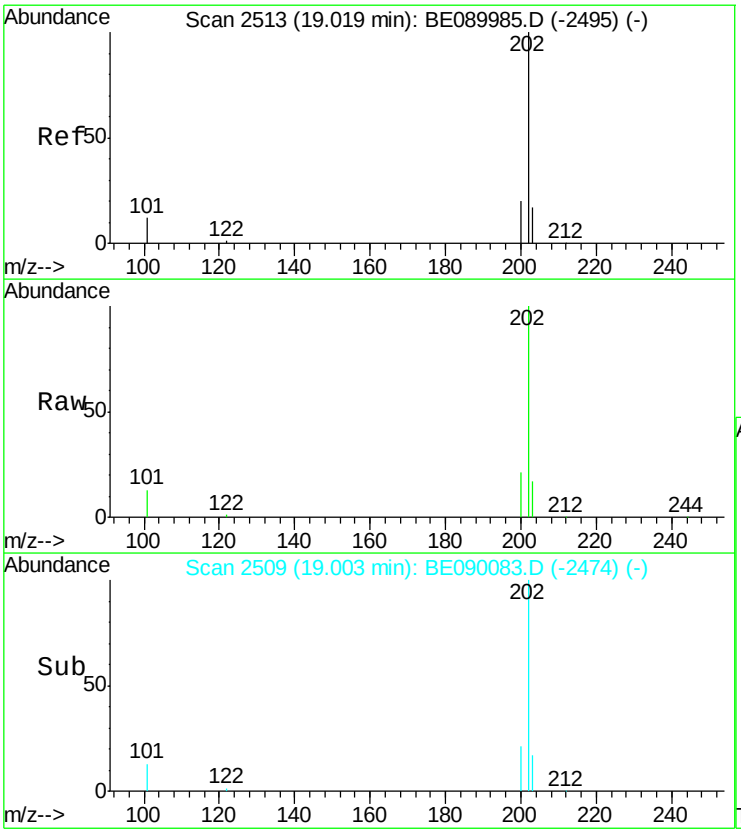
#23
Anthracene
Concen: 0.83 ng
RT: 17.10 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:178 Resp: 25408

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	14.9	12.1	18.1

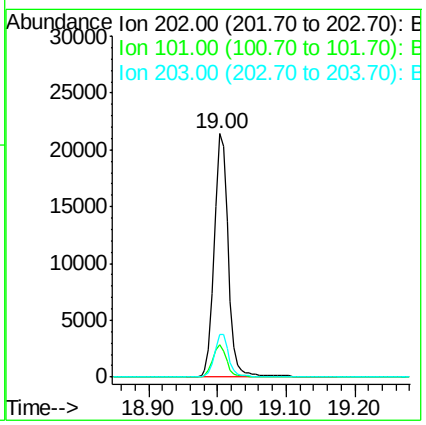


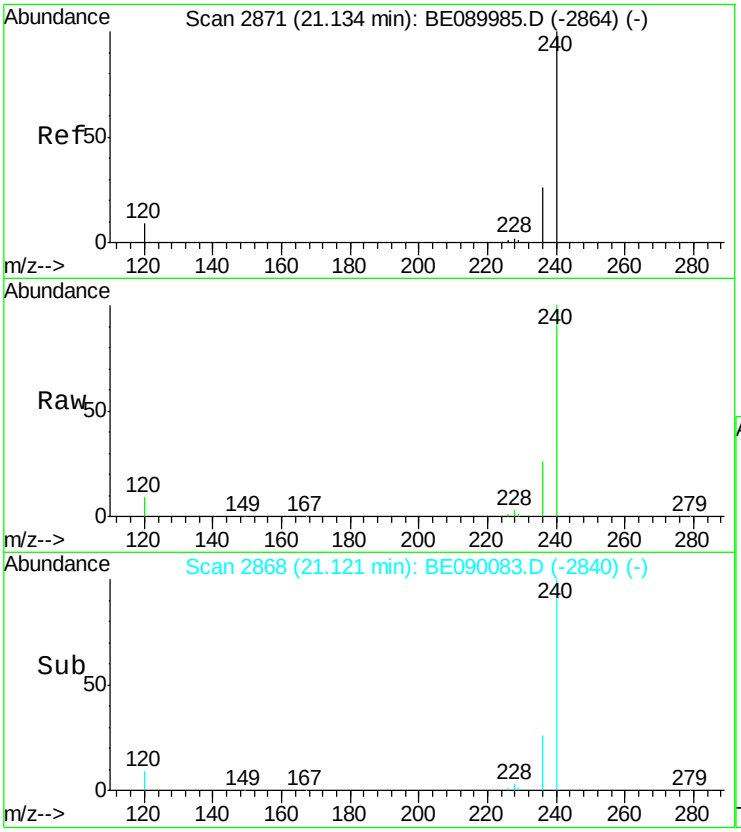


#24
Fluoranthene
Concen: 0.80 ng
RT: 19.00 min Scan# 2509
Delta R.T. -0.02 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Tgt Ion:202 Resp: 29711

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.6	15.8
203	17.4	13.8	20.6



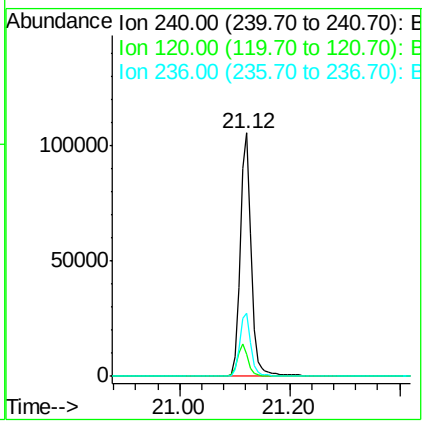


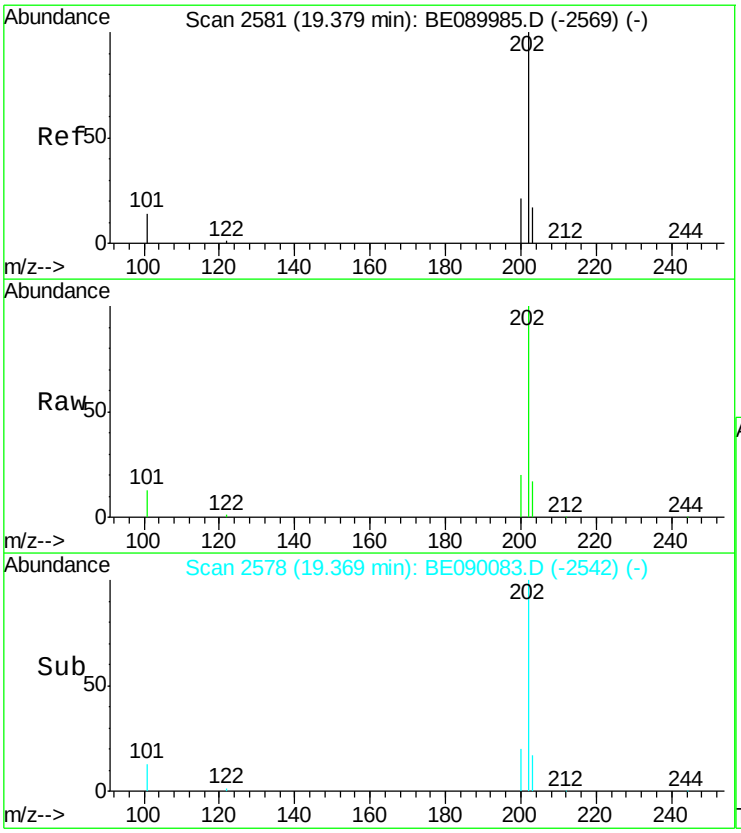
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.12 min Scan# 2868
Delta R.T. -0.01 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:240 Resp: 140937

Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.9	10.3
236	26.0	20.8	31.2

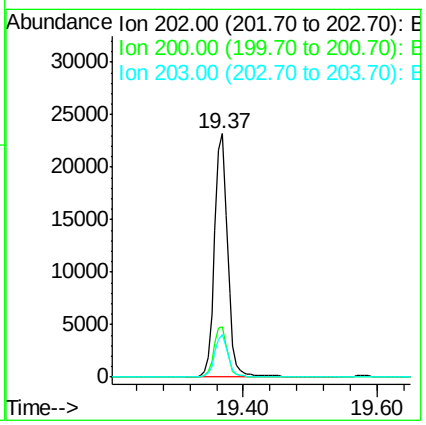


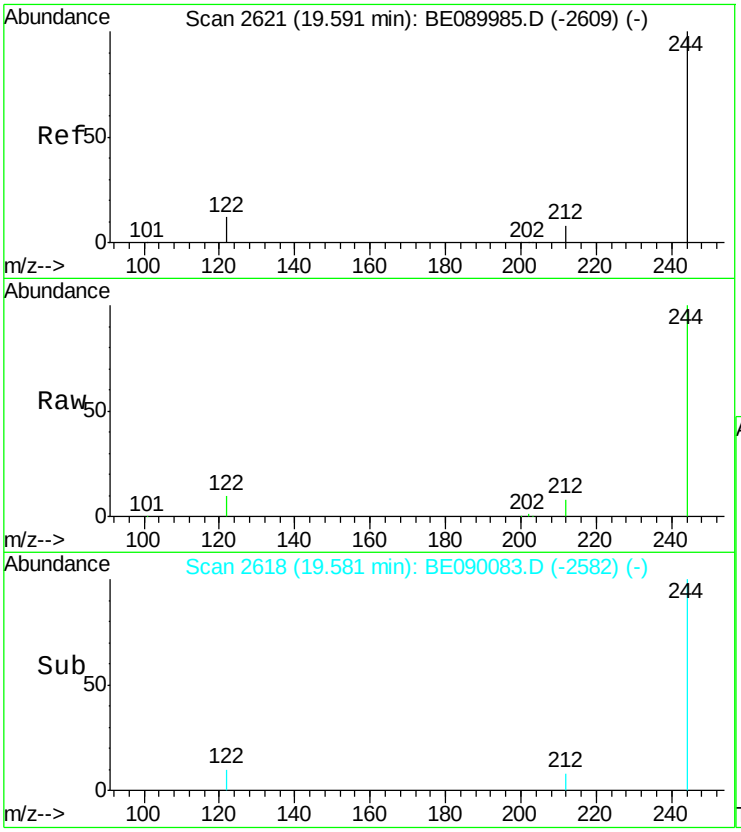


#26
Pyrene
Concen: 0.92 ng
RT: 19.37 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Tgt Ion:202 Resp: 30769

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	17.2	13.9	20.9



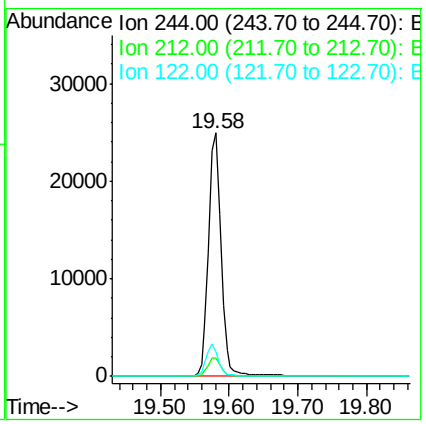


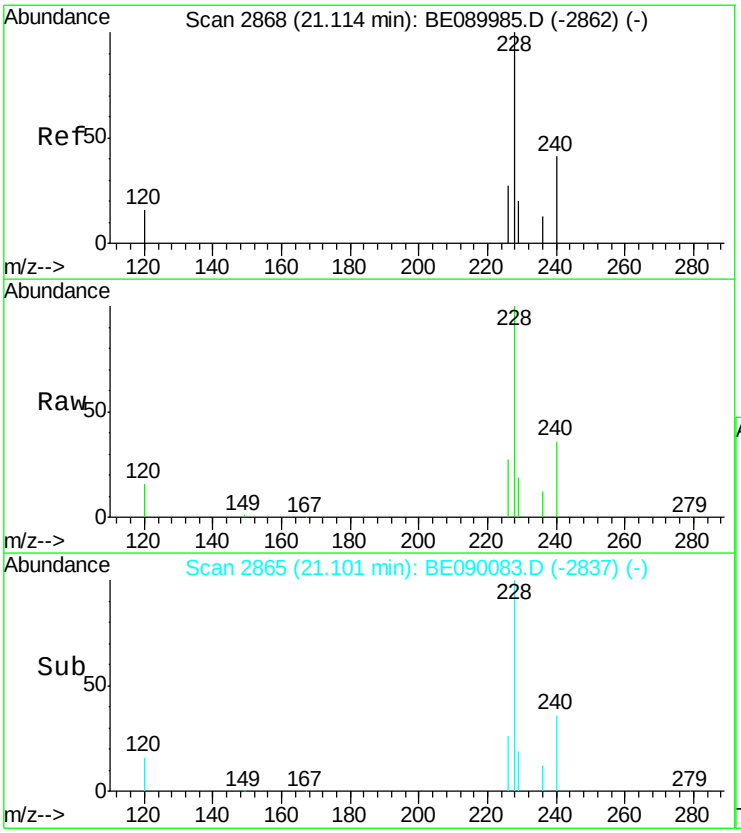
#27
Terphenyl-d14
Concen: 1.32 ng
RT: 19.58 min Scan# 2618
Delta R.T. -0.01 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:244 Resp: 30942

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.6	9.8
122	10.4	9.8	14.8

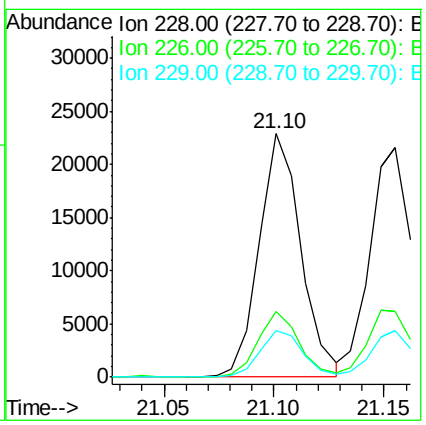


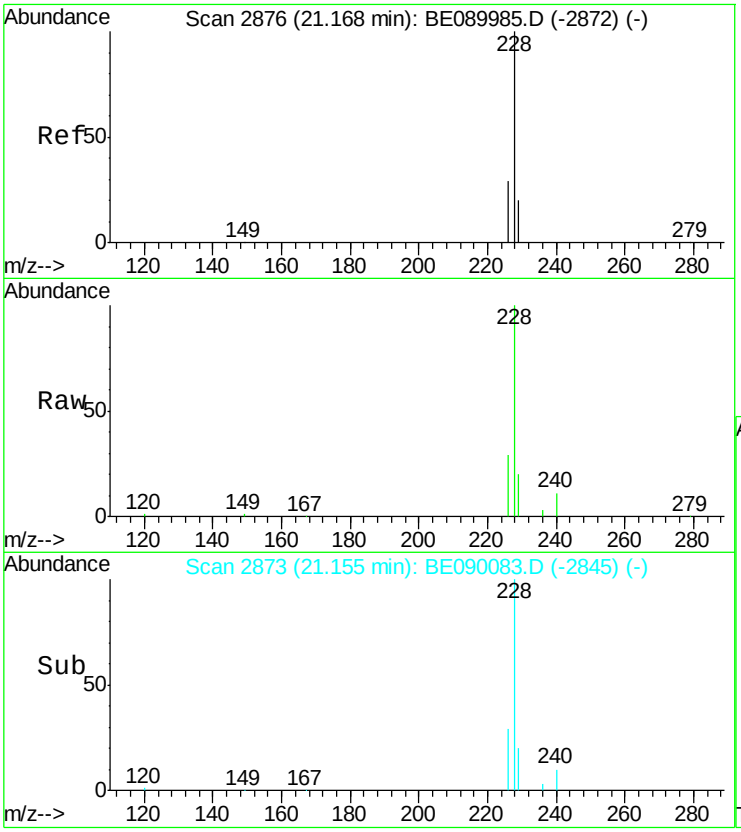


#28
Benzo(a)anthracene
Concen: 0.86 ng
RT: 21.10 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Tgt Ion:228 Resp: 30228

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.8	32.6
229	19.3	15.8	23.6



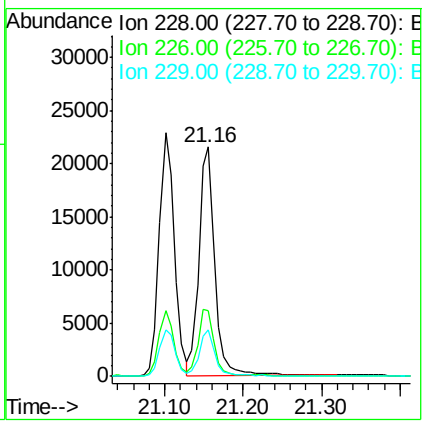


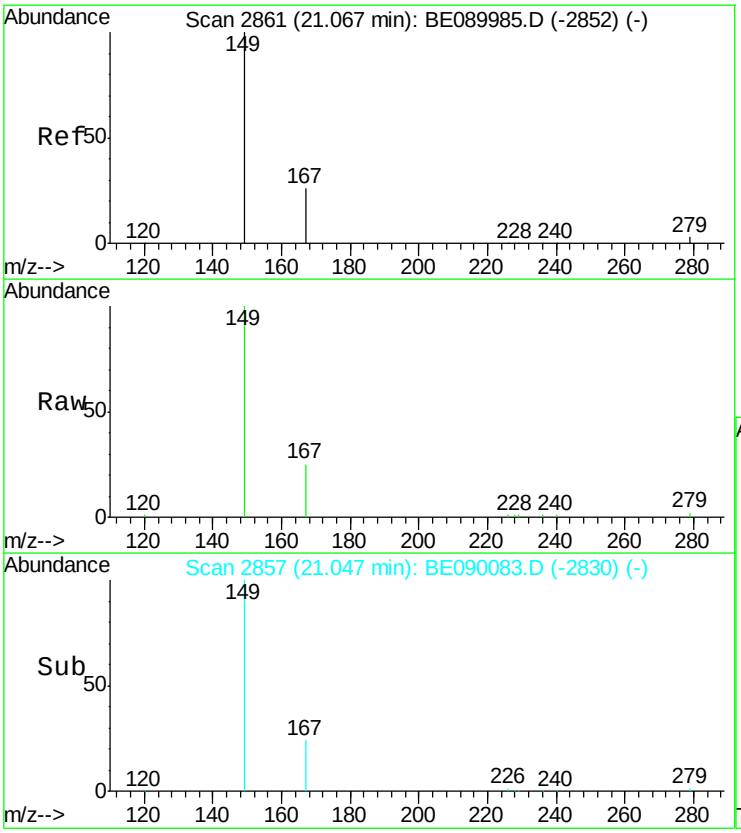
#29
Chrysene
Concen: 0.84 ng
RT: 21.16 min Scan# 2873
Delta R.T. -0.01 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:228 Resp: 30550

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.4	35.0
229	20.2	16.2	24.2

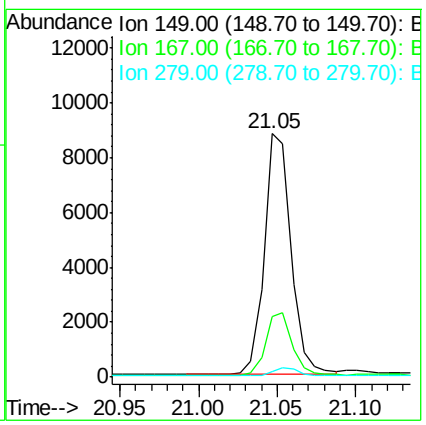


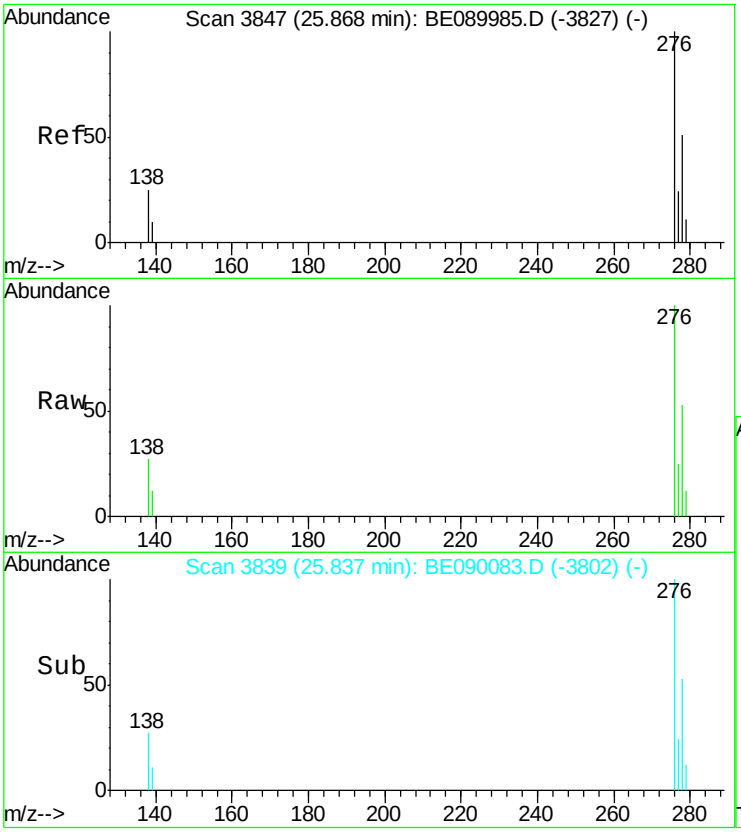


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.90 ng
RT: 21.05 min Scan# 2857
Delta R.T. -0.02 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Tgt Ion:149 Resp: 10318

Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.3	30.5
279	3.1	2.6	3.8



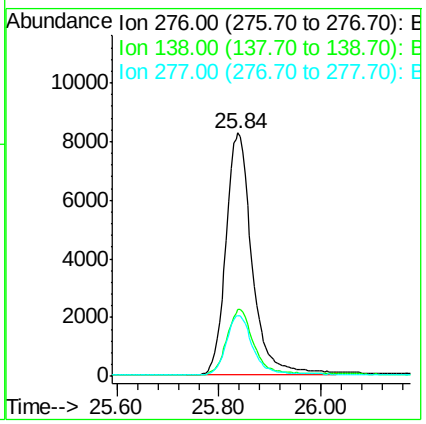


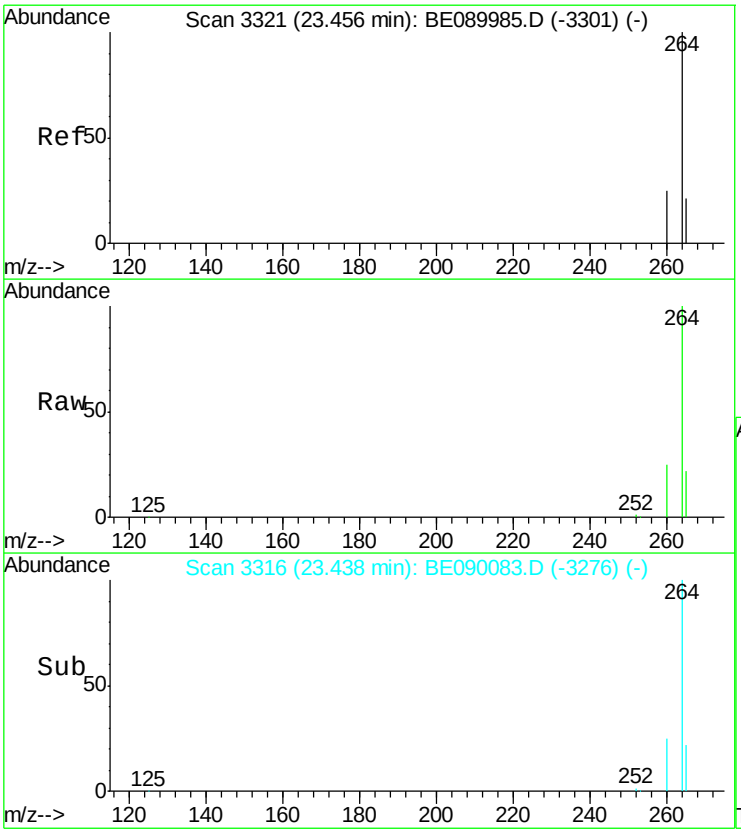
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.84 ng
RT: 25.84 min Scan# 3839
Delta R.T. -0.03 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 29414

Ion	Ratio	Lower	Upper
276	100		
138	27.7	21.3	31.9
277	24.6	19.7	29.5

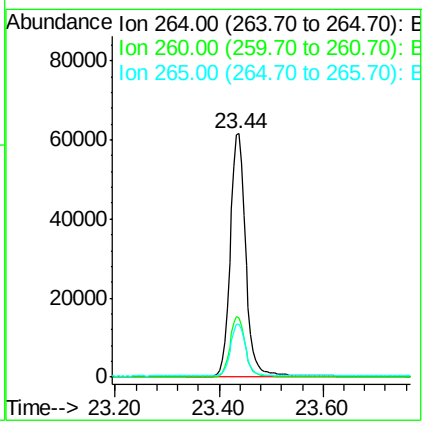


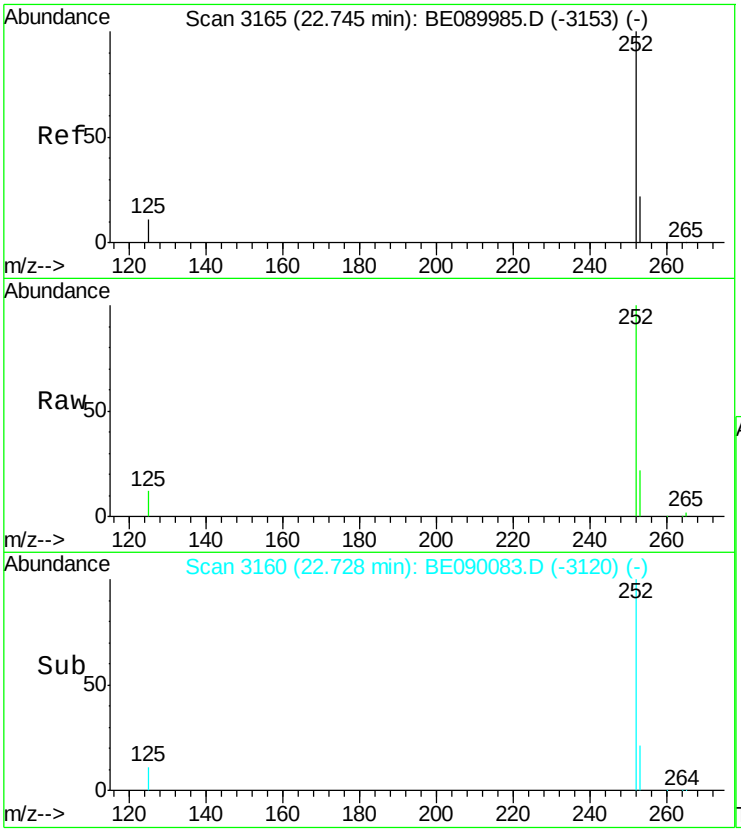


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.44 min Scan# 3316
Delta R.T. -0.02 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Tgt Ion:264 Resp: 127343

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.2	30.2
265	22.0	17.1	25.7



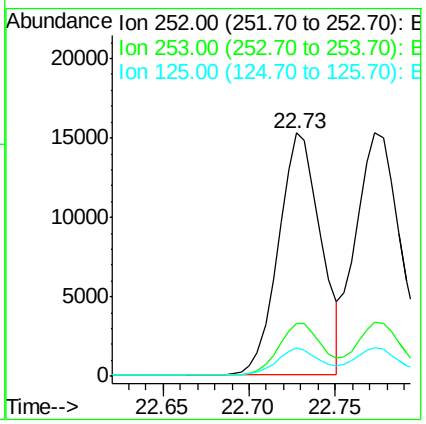


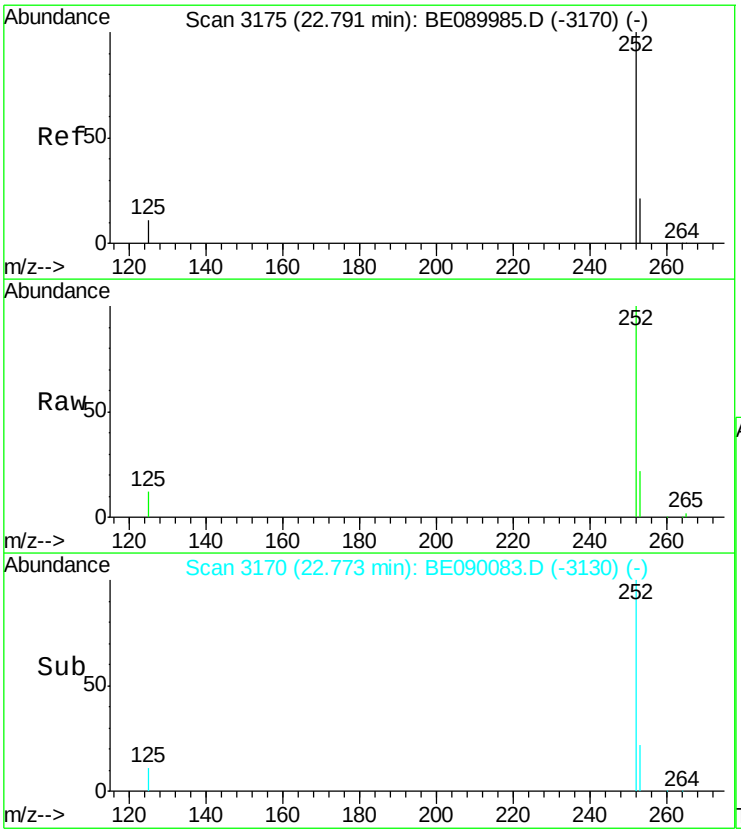
#33
Benzo(b)fluoranthene
Concen: 0.93 ng
RT: 22.73 min Scan# 3160
Delta R.T. -0.02 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 25988

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	11.7	9.0	13.4

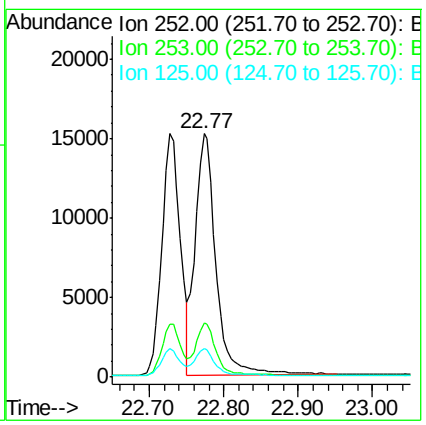


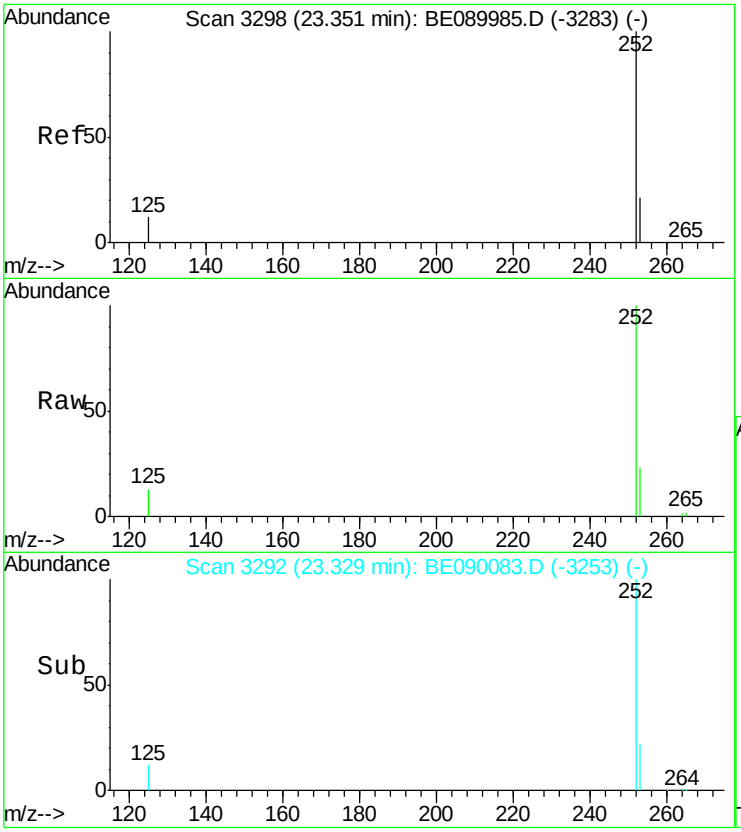


#34
Benzo(k)fluoranthene
Concen: 0.94 ng
RT: 22.77 min Scan# 3170
Delta R.T. -0.02 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Tgt Ion:252 Resp: 29381

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	11.5	9.5	14.3



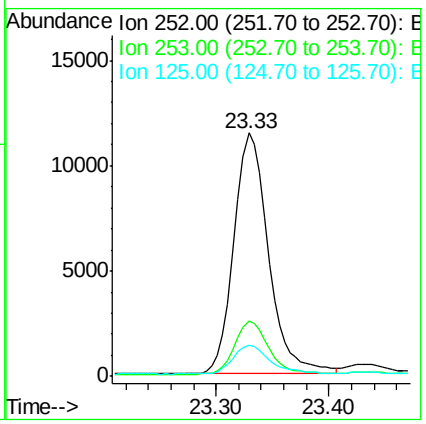


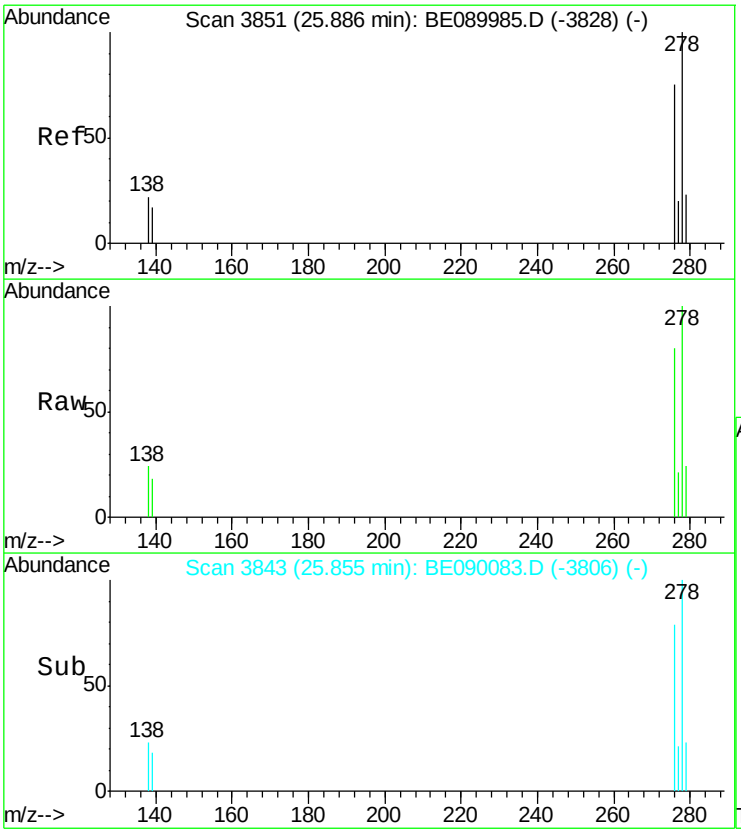
#35
Benzo(a)pyrene
Concen: 0.92 ng
RT: 23.33 min Scan# 3292
Delta R.T. -0.02 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 23950

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	12.9	10.5	15.7

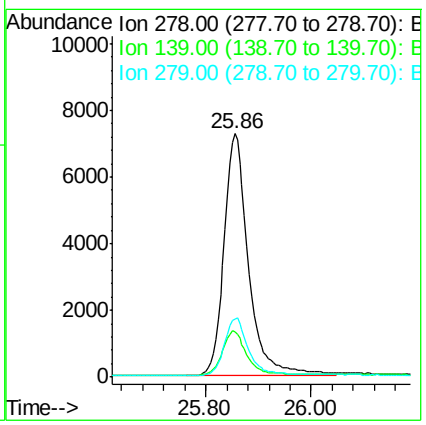


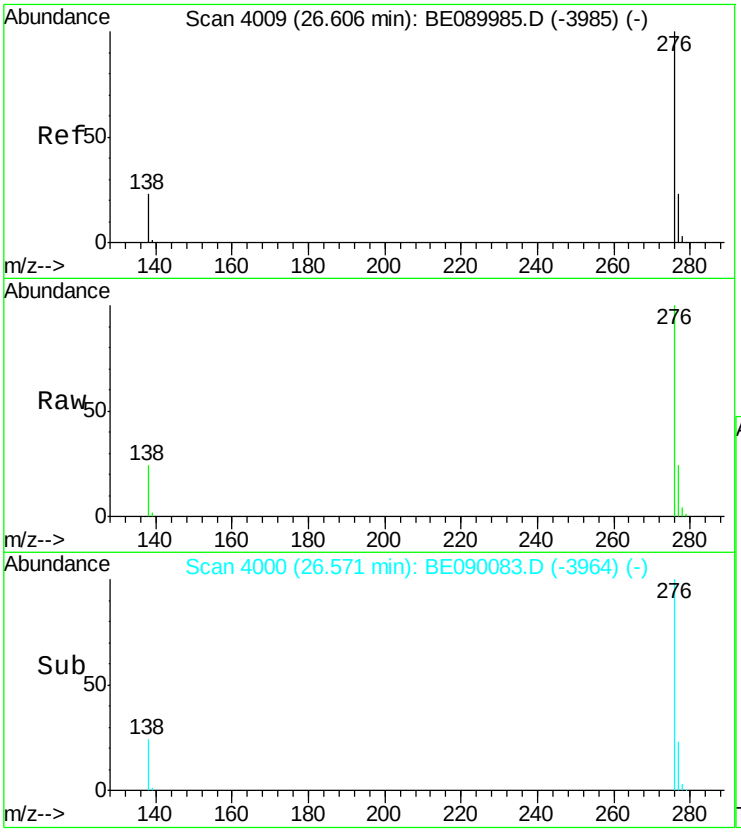


#36
Dibenzo(a,h)anthracene
Concen: 0.88 ng
RT: 25.86 min Scan# 3843
Delta R.T. -0.03 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Tgt Ion:278 Resp: 23398

Ion	Ratio	Lower	Upper
278	100		
139	18.4	14.4	21.6
279	23.9	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 0.88 ng
RT: 26.57 min Scan# 4000
Delta R.T. -0.04 min
Lab File: BE090083.D
Acq: 10 Jul 2015 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 23803

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	24.4	18.6	27.8