Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091015\
Data File : BE090757.D
Acq On : 10 Sep 2015 11:06
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001

Quant Time: Sep 11 02:45:24 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	47954	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	225121	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	124782	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	313916	5.00	ng	0.00
25) Chrysene-d12	21.07	240	395289	5.00	ng	0.00
32) Perylene-d12	23.36	264	365549	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	3577	0.40	ng	0.00
5) Phenol-d6	6.77	99	11469	0.86	ng	0.02
7) Nitrobenzene-d5	8.71	82	11902	0.80	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	2593	0.85	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	28271	0.82	ng	0.00
27) Terphenyl-d14	19.53	244	38379	0.88	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	6751	0.94	ng	93
3) n-Nitrosodimethylamine	3.45	42	7304	0.79	ng	95
8) Nitrobenzene	8.75	77	13044	0.81	ng	99
9) Naphthalene	10.35	128	41879	0.85	ng	99
10) Hexachlorobutadiene	10.65	225	6397	0.83	ng	99
11) 2-Methylnaphthalene	11.99	142	24493	0.92	ng	100
15) Acenaphthylene	13.89	152	169656	0.85	ng	100
16) Acenaphthene	14.23	154	29066	0.87	ng	92
17) Fluorene	15.22	166	35407	0.85	ng	97
19) 4-Bromophenyl-phenylether	16.13	248	9166	0.86	ng	94
20) Hexachlorobenzene	16.23	284	47671	0.83	ng	98
21) Pentachlorophenol	16.60	266	1922	0.88	ng	93
22) Phenanthrene	16.94	178	67255	0.87	ng	99
23) Anthracene	17.05	178	57053	0.88	ng	100
24) Fluoranthene	18.96	202	68996	0.84	ng	100
26) Pyrene	19.32	202	73649	0.90	ng	99
28) Benzo(a)anthracene	21.05	228	77017	0.88	ng	99
29) Chrysene	21.11	228	88690	0.91	ng	98
30) Bis(2-ethylhexyl)phthalate	21.00	149	16766	0.77	ng	99
31) Indeno(1,2,3-cd)pyrene	25.72	276	83158	0.89	ng	99
33) Benzo(b)fluoranthene	22.66	252	64854	0.82	ng	99
34) Benzo(k)fluoranthene	22.70	252	81242	0.88	ng	99
35) Benzo(a)pyrene	23.25	252	61304	0.86	ng	99
36) Dibenzo(a,h)anthracene	25.74	278	64622	0.87	ng	99
37) Benzo(g,h,i)perylene	26.44	276	68973	0.85	ng	99

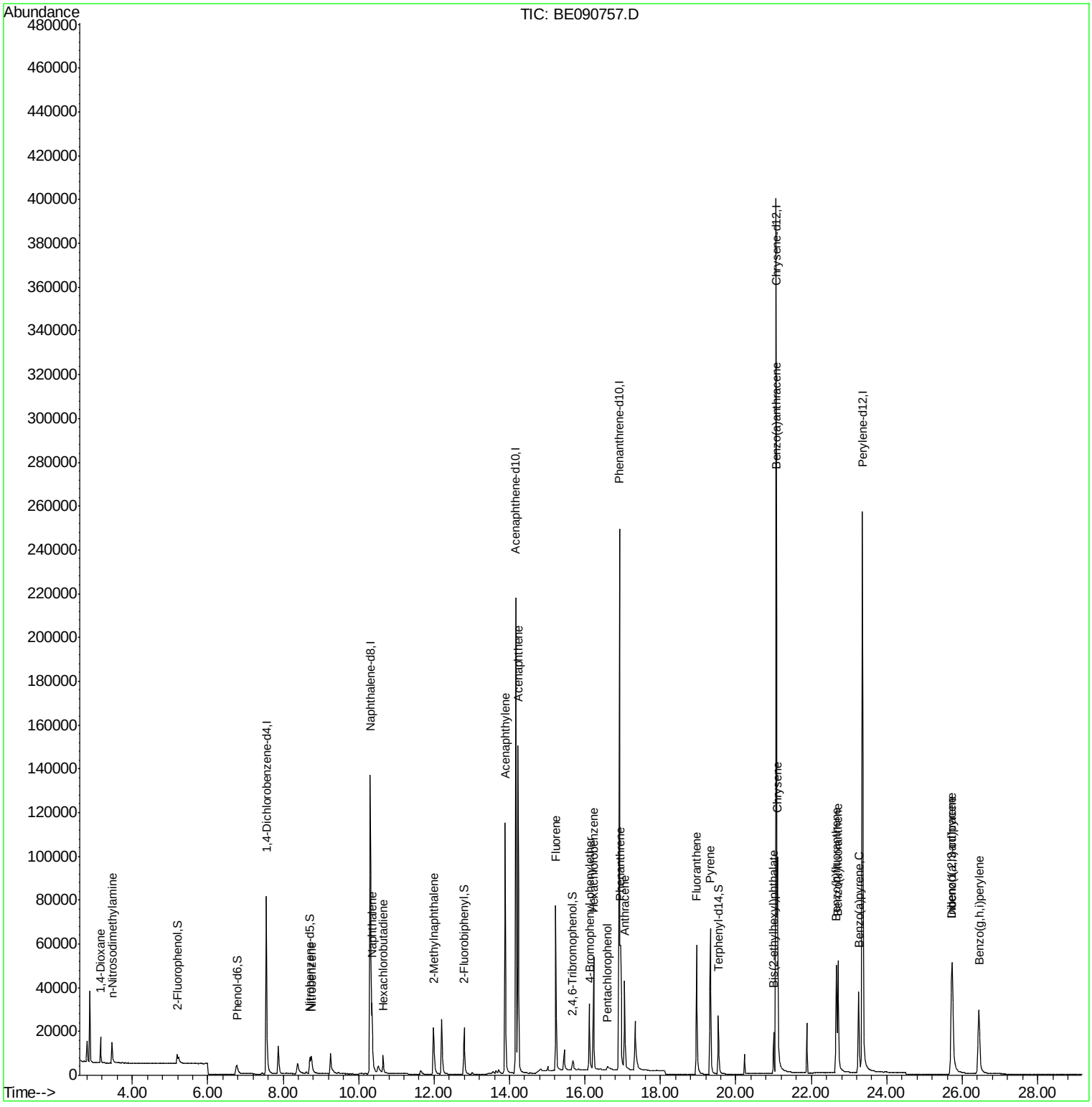
(#) = qualifier out of range (m) = manual integration (+) = signals summed

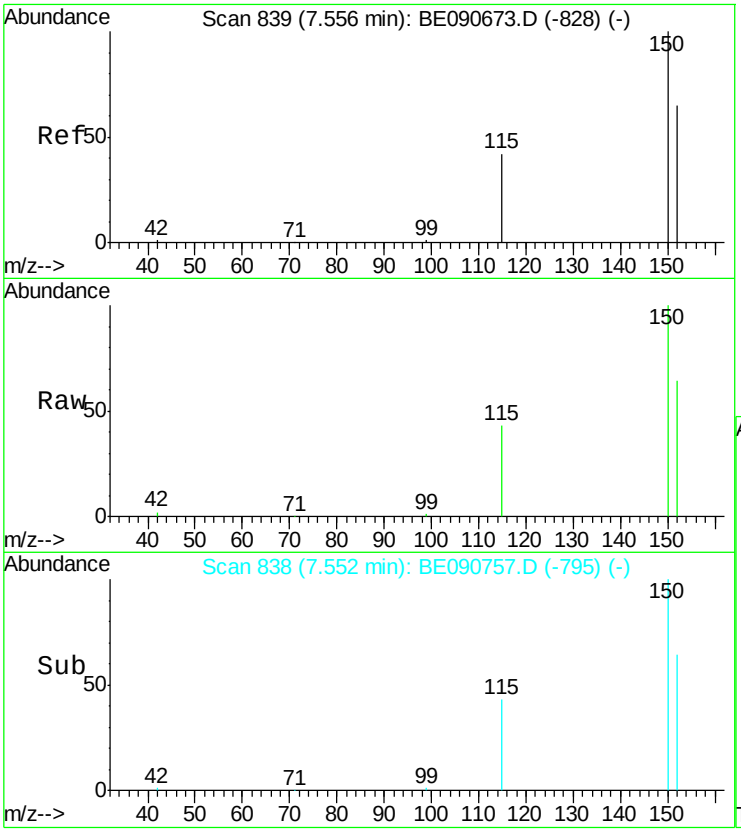
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091015\
Data File : BE090757.D
Acq On : 10 Sep 2015 11:06
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Quant Time: Sep 11 02:45:24 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration



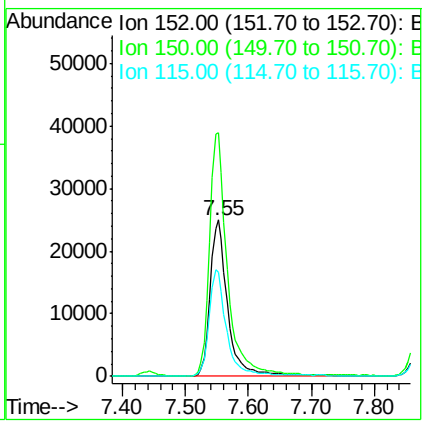


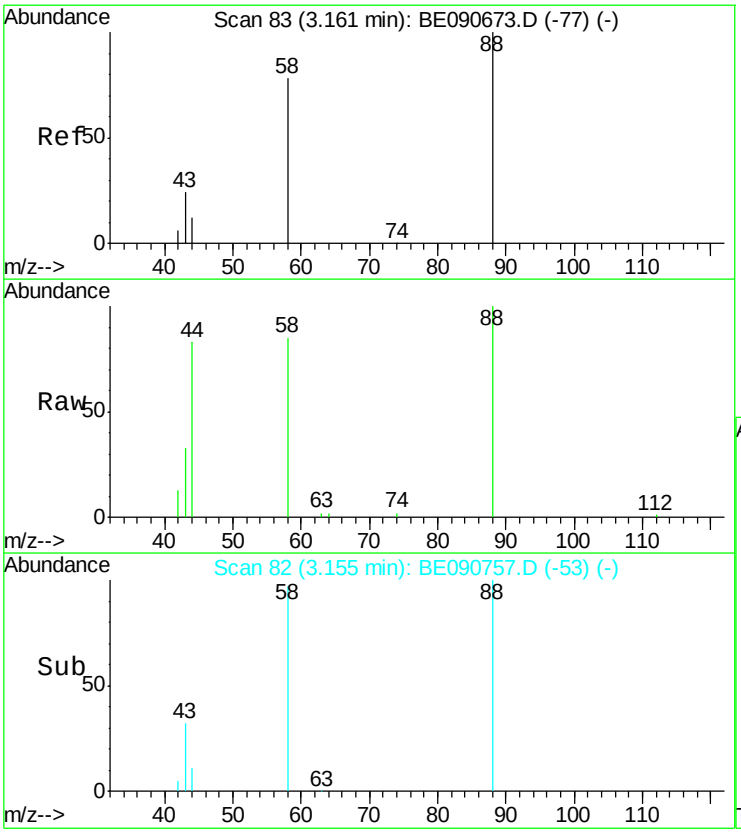
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 47954

Ion	Ratio	Lower	Upper
152	100		
150	155.7	122.2	183.4
115	66.6	51.0	76.4

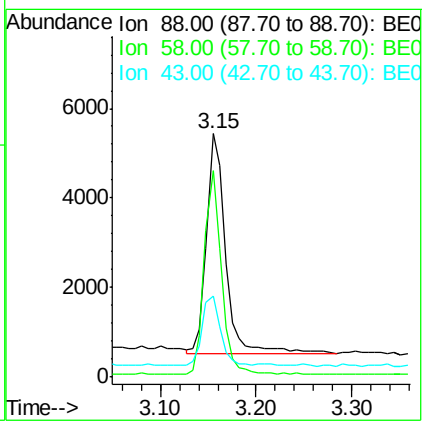


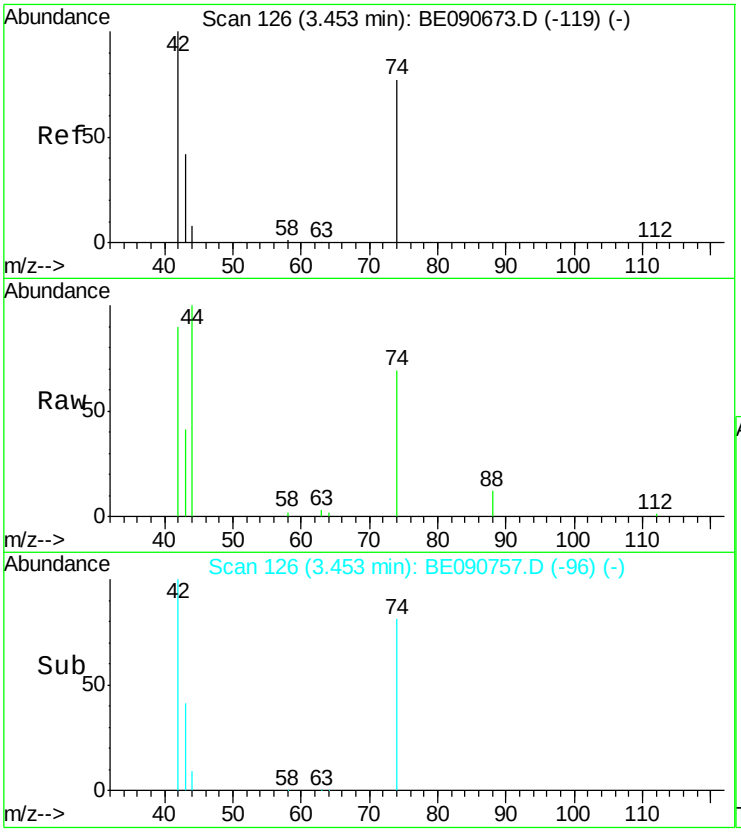


#2
1,4-Dioxane
Concen: 0.94 ng
RT: 3.15 min Scan# 82
Delta R.T. -0.01 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Tgt Ion: 88 Resp: 6751

Ion	Ratio	Lower	Upper
88	100		
58	80.3	68.4	102.6
43	28.5	26.9	40.3



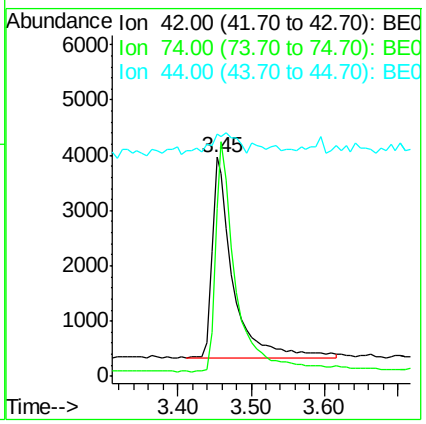


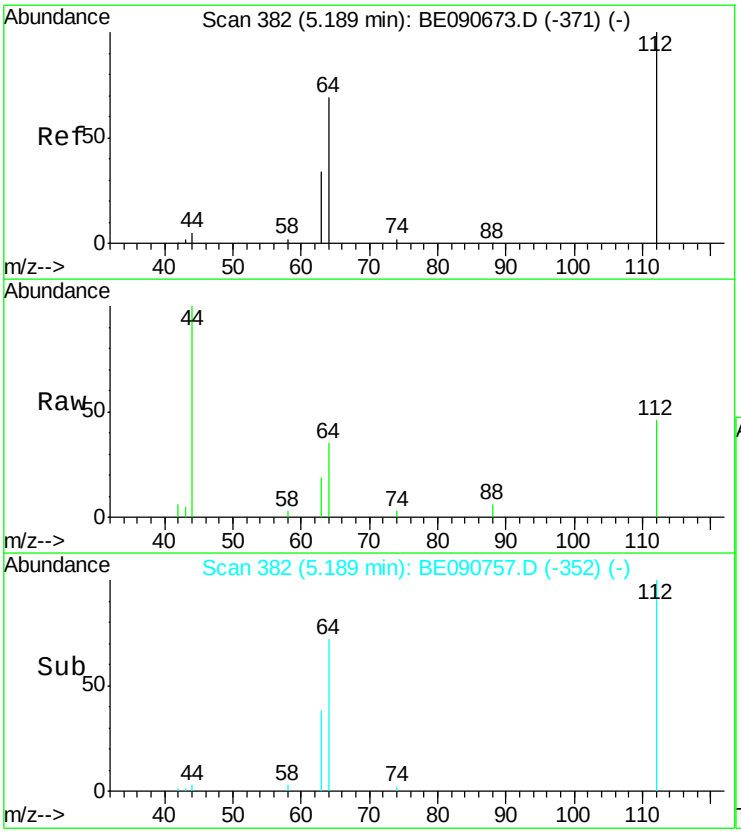
#3
n-Nitrosodimethylamine
Concen: 0.79 ng
RT: 3.45 min Scan# 126
Delta R.T. 0.00 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 42 Resp: 7304

Ion	Ratio	Lower	Upper
42	100		
74	110.6	83.7	125.5
44	12.4	10.0	15.0

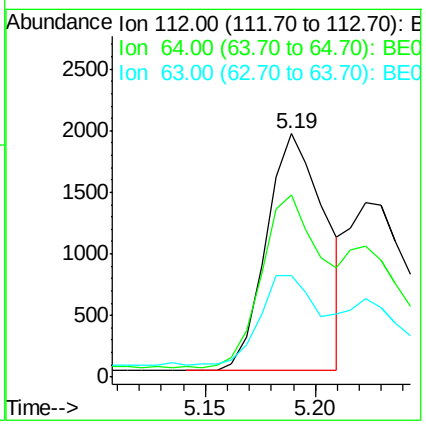


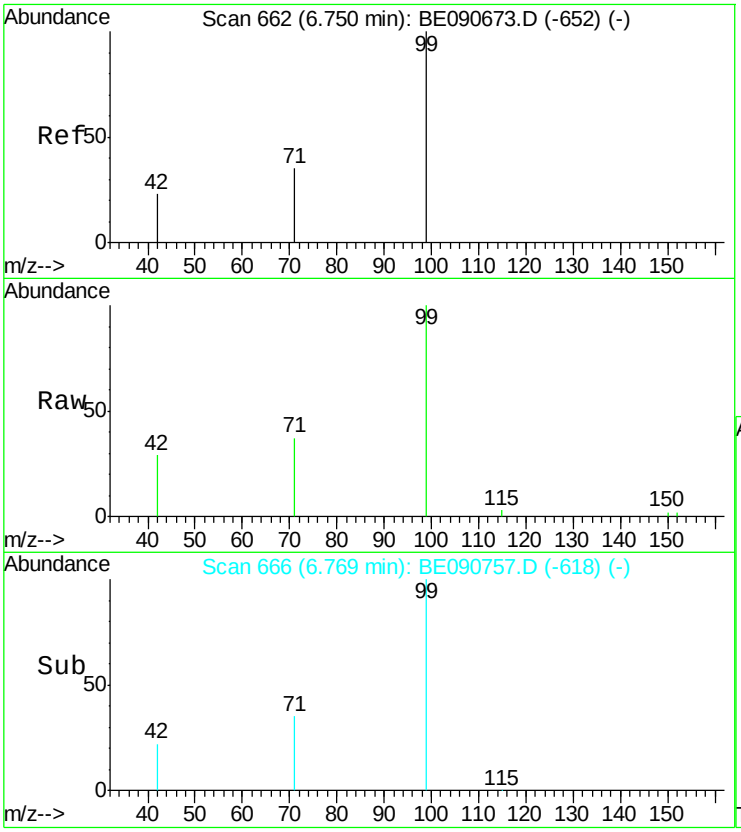


#4
2-Fluorophenol
Concen: 0.40 ng
RT: 5.19 min Scan# 382
Delta R.T. 0.00 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Tgt Ion:112 Resp: 3577

Ion	Ratio	Lower	Upper
112	100		
64	76.3	57.3	85.9
63	40.2	29.2	43.8



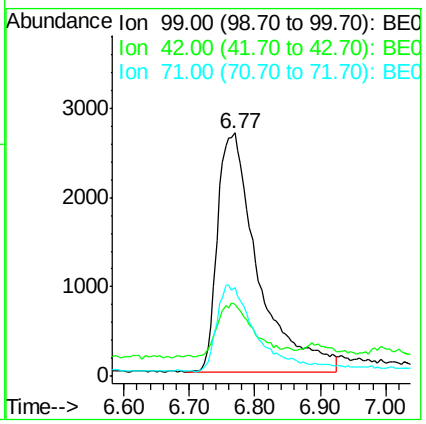


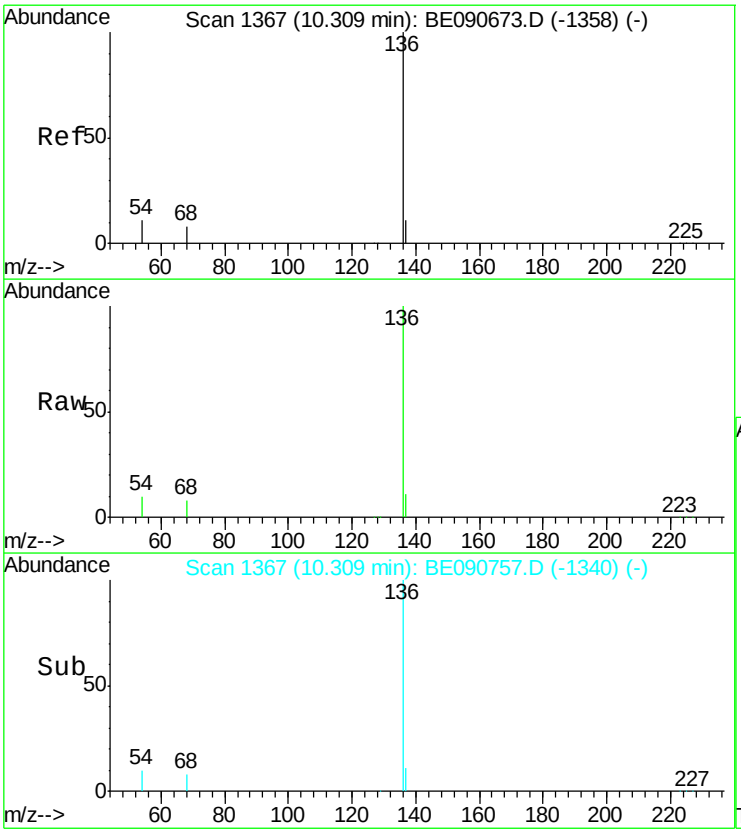
#5
Phenol-d6
Concen: 0.86 ng
RT: 6.77 min Scan# 666
Delta R.T. 0.02 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 99 Resp: 11469

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.8	25.2
71	34.8	28.3	42.5

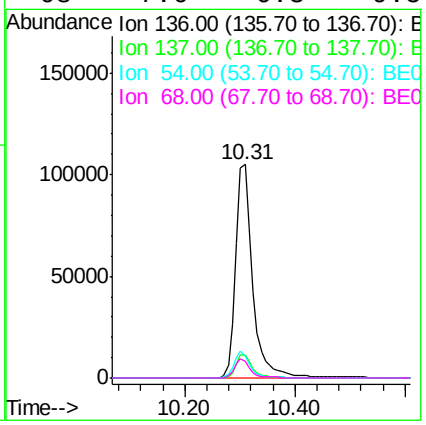


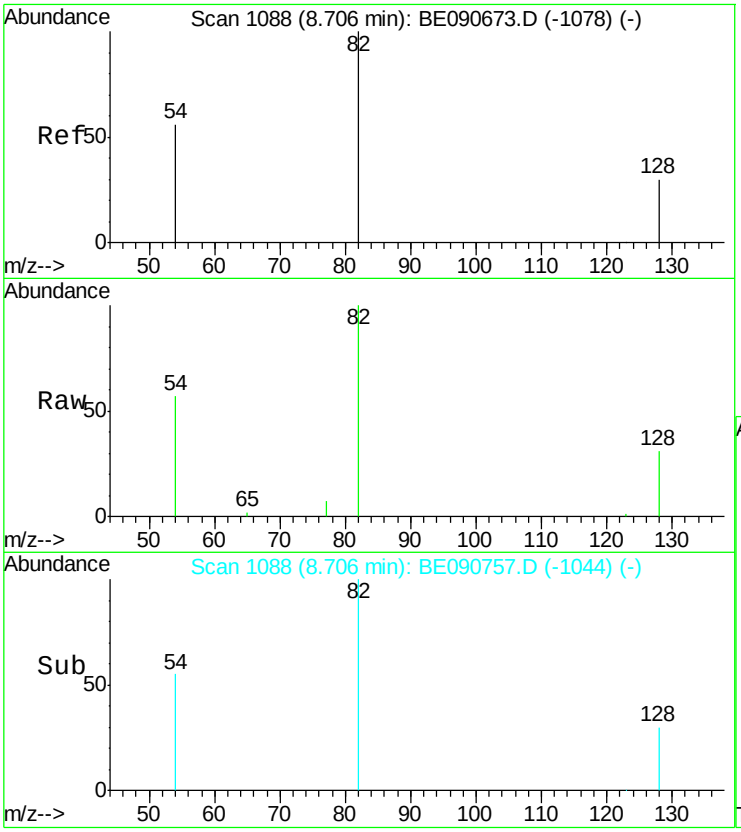


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Tgt Ion:136 Resp: 225121

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	10.4	9.0	13.6
68	7.6	6.3	9.5



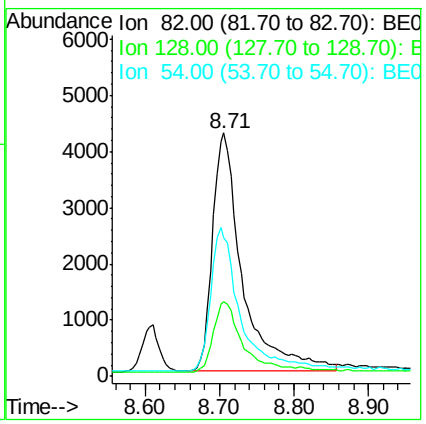


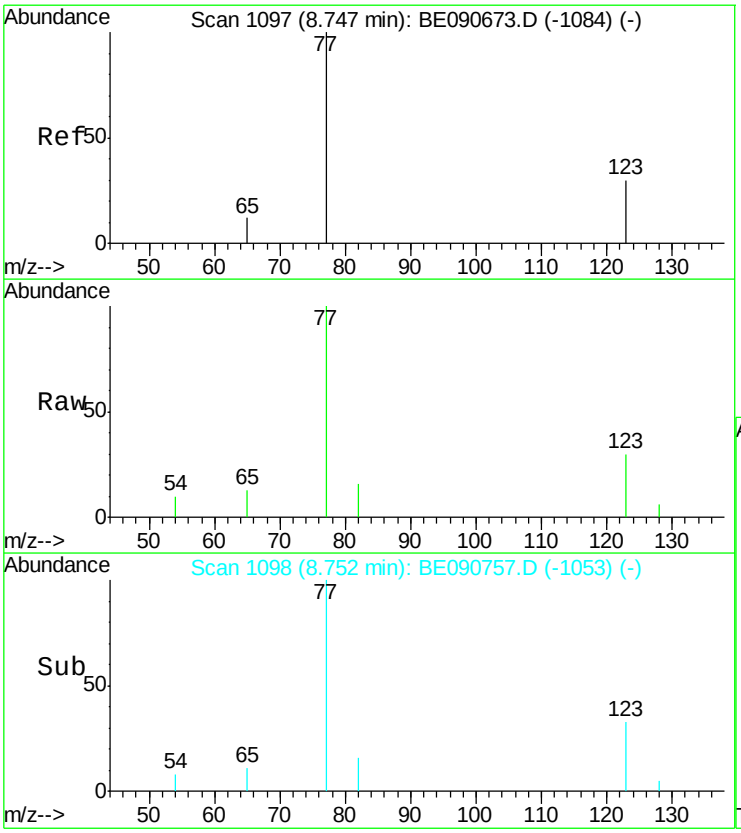
#7
Nitrobenzene-d5
Concen: 0.80 ng
RT: 8.71 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 82 Resp: 11902

Ion	Ratio	Lower	Upper
82	100		
128	30.7	25.0	37.4
54	56.9	46.3	69.5

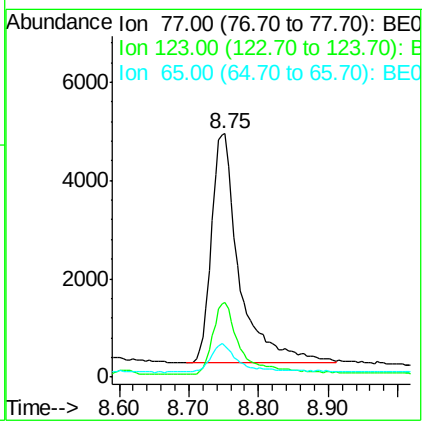


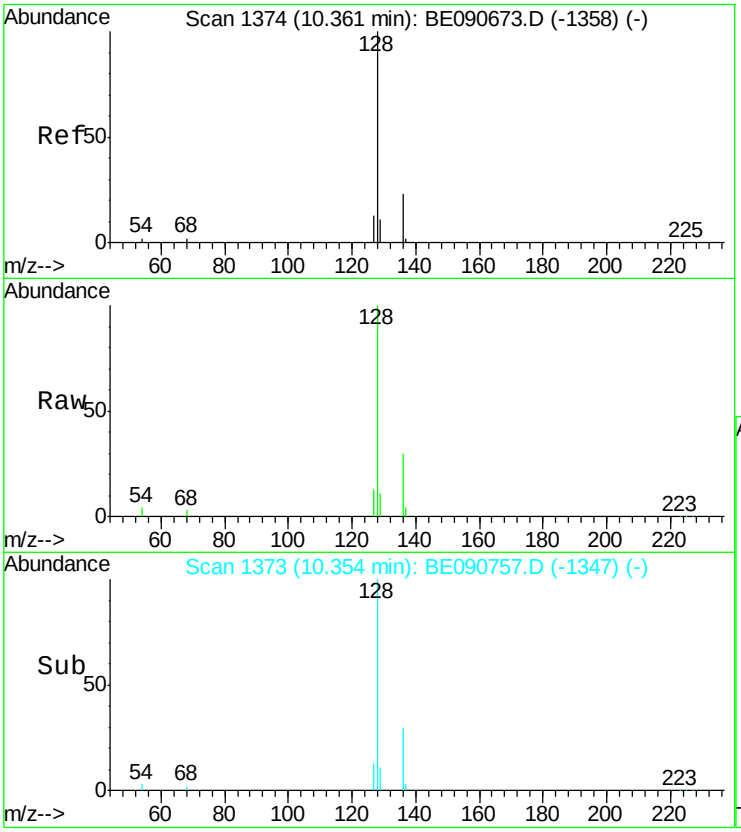


#8
Nitrobenzene
Concen: 0.81 ng
RT: 8.75 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Tgt Ion: 77 Resp: 13044

Ion	Ratio	Lower	Upper
77	100		
123	31.9	25.1	37.7
65	11.7	9.9	14.9



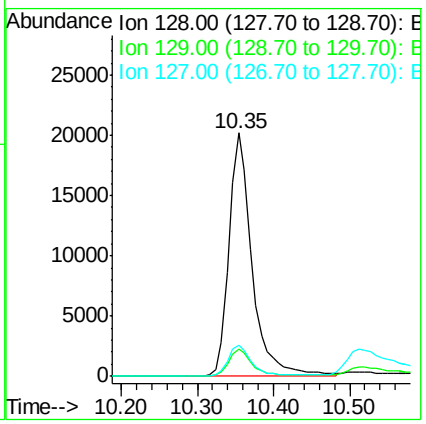


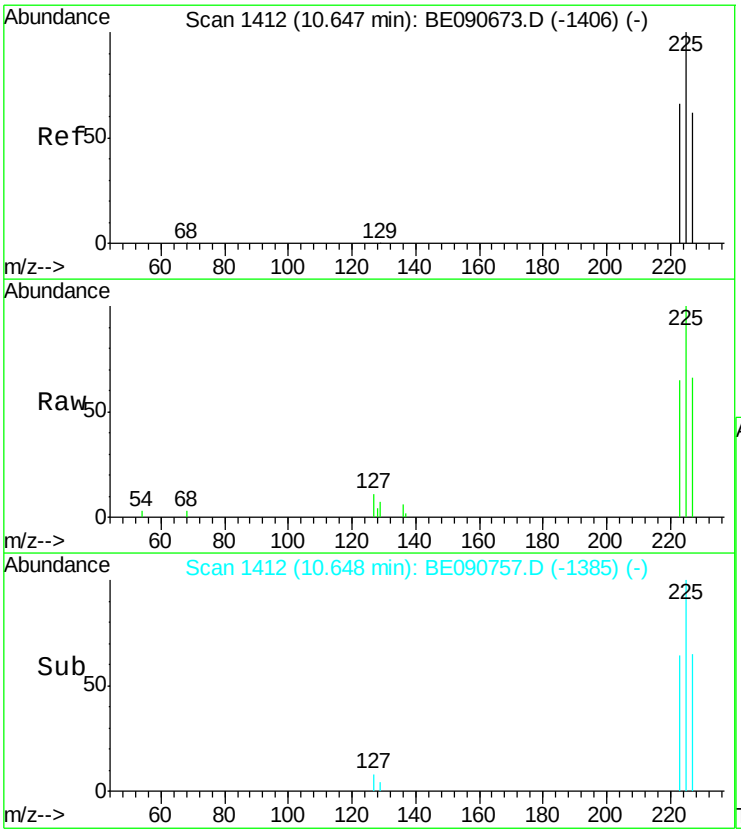
#9
Naphthalene
Concen: 0.85 ng
RT: 10.35 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:128 Resp: 41879

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	12.9	10.6	15.8

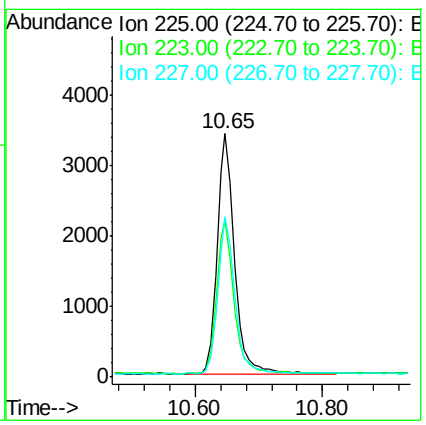


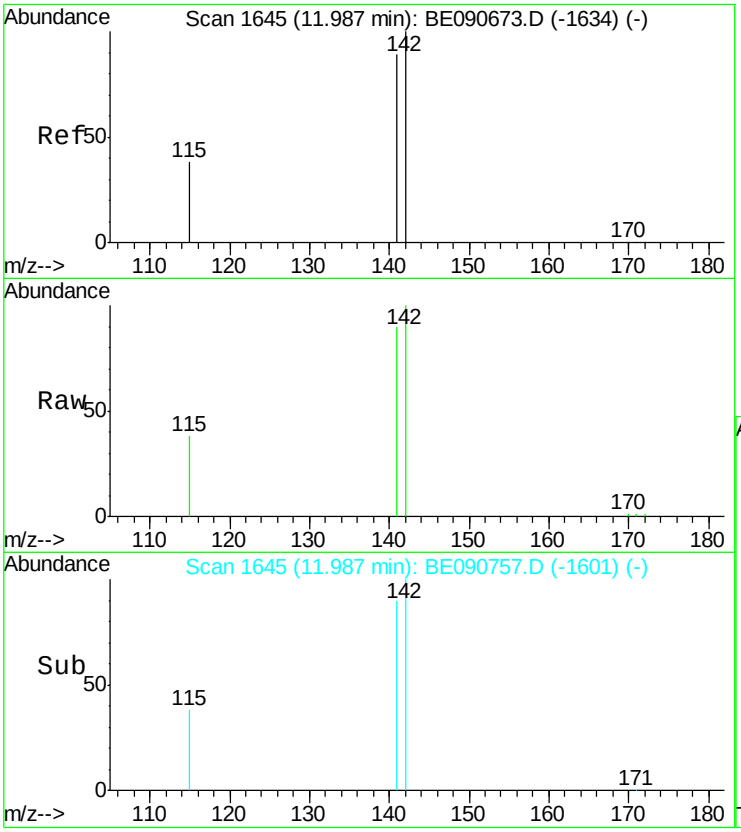


#10
Hexachlorobutadiene
Concen: 0.83 ng
RT: 10.65 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Tgt Ion:225 Resp: 6397

Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.6	76.0
227	64.5	51.0	76.6



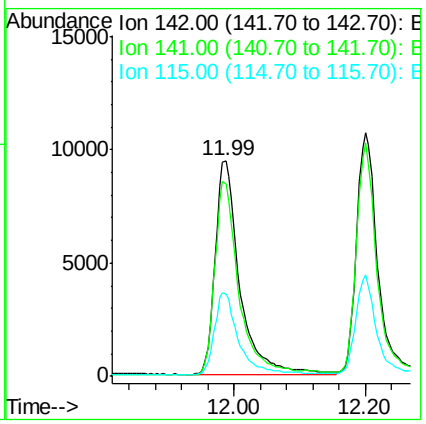


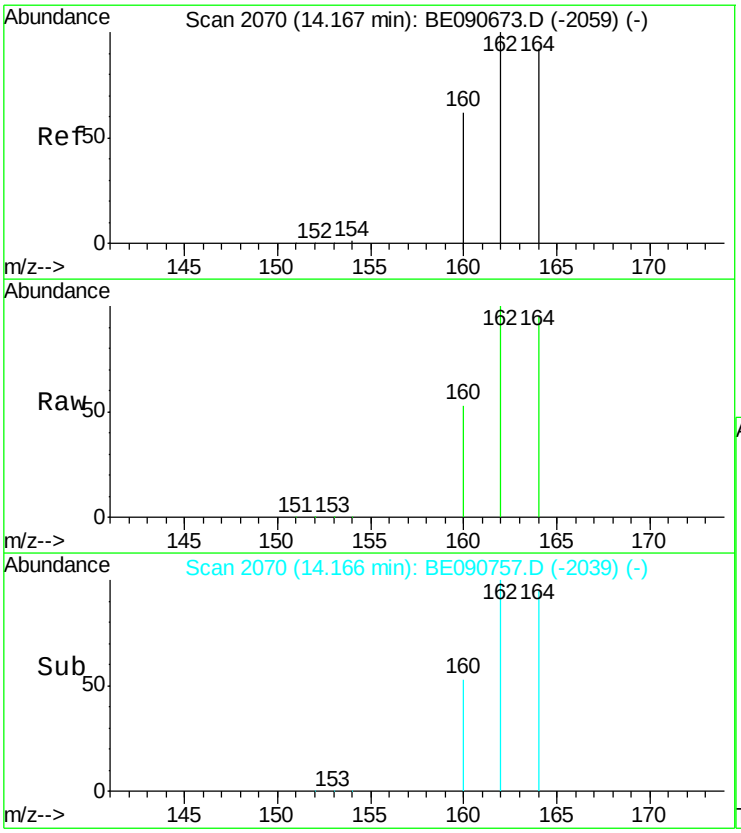
#11
2-Methylnaphthalene
Concen: 0.92 ng
RT: 11.99 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:142 Resp: 24493

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2
115	38.3	31.0	46.4

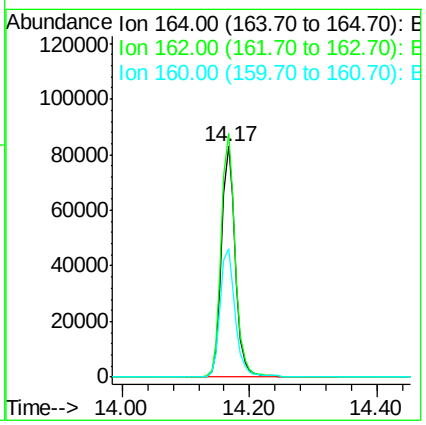


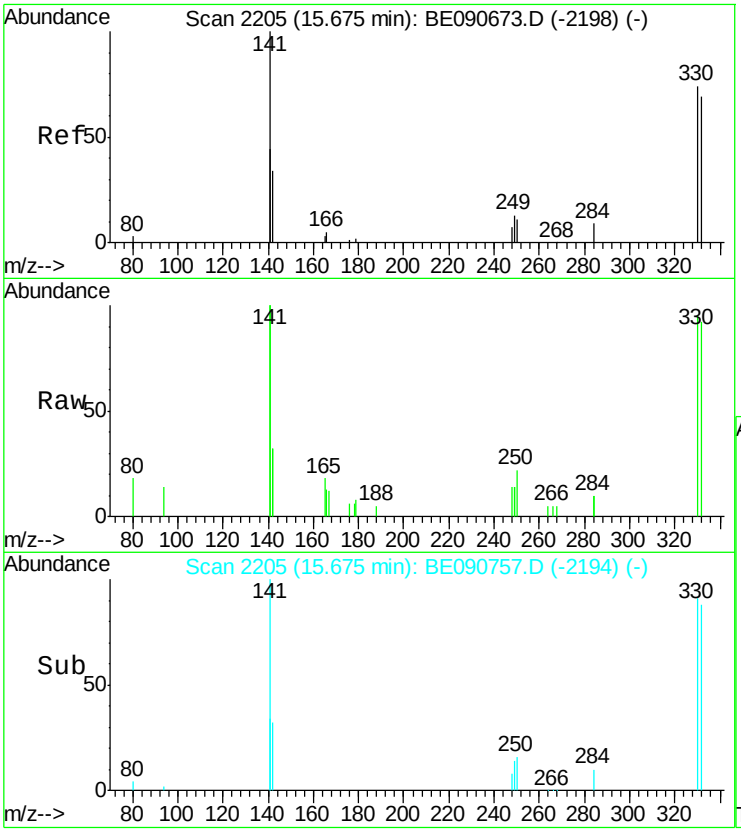


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Tgt Ion:164 Resp: 124782

Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.8	130.2
160	55.8	53.9	80.9



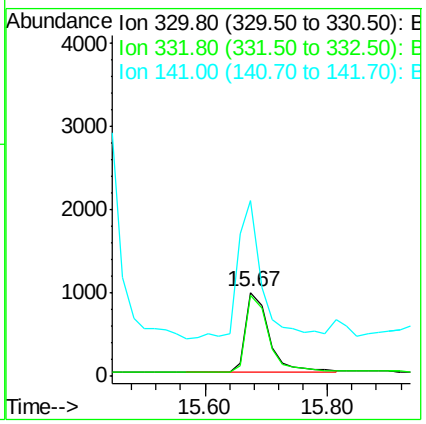


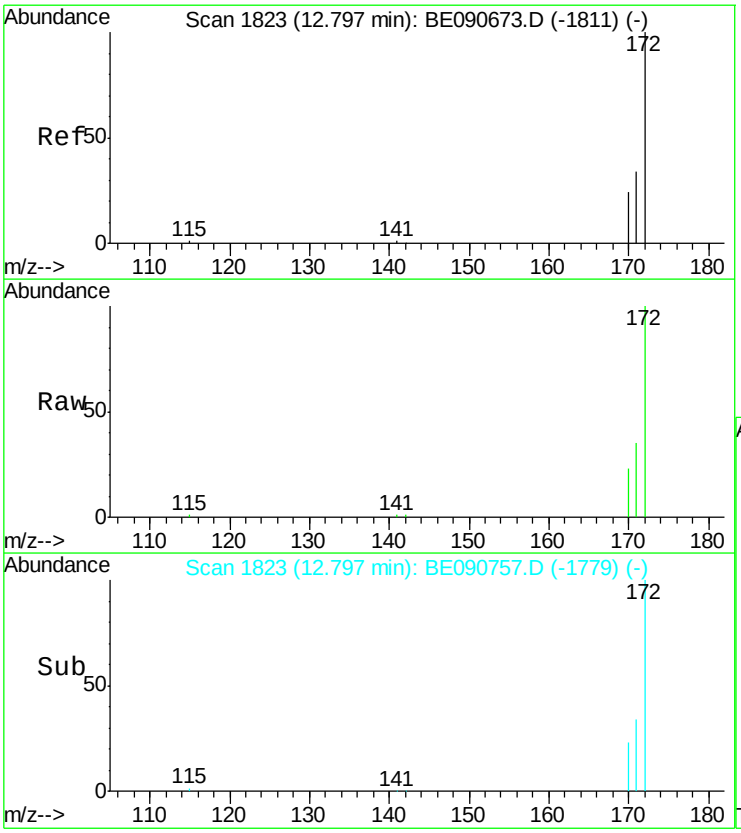
#13
2,4,6-Tribromophenol
Concen: 0.85 ng
RT: 15.67 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:330 Resp: 2593

Ion	Ratio	Lower	Upper
330	100		
332	96.1	74.9	112.3
141	169.3	145.2	217.8

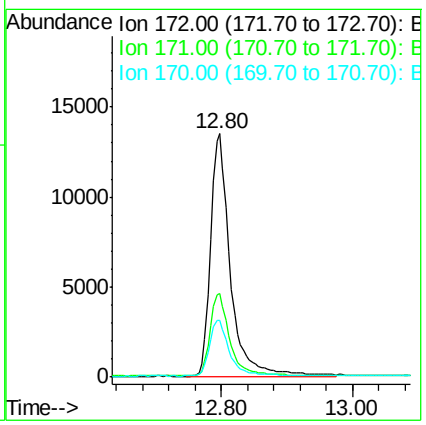


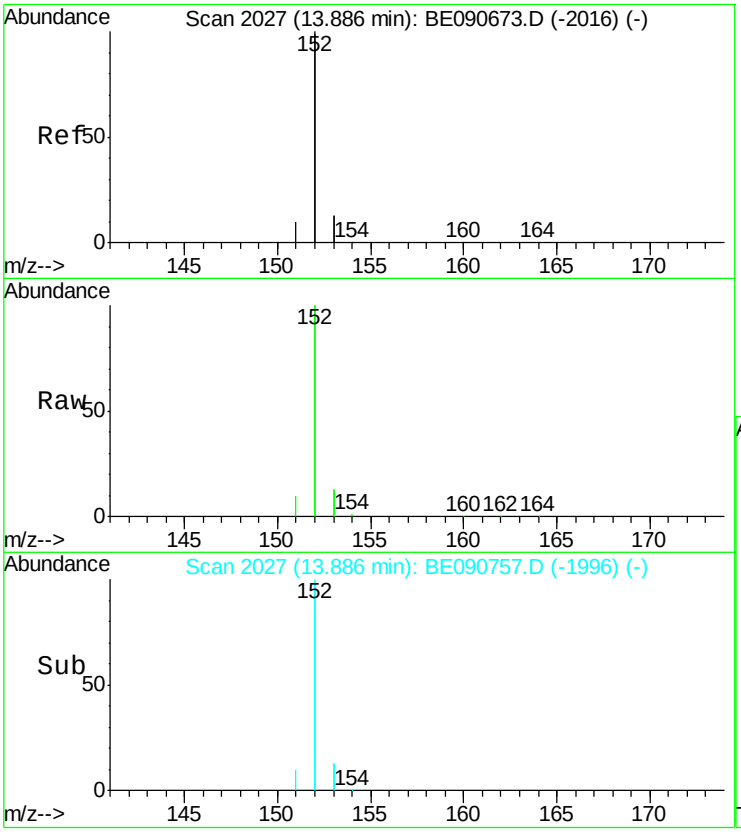


#14
2-Fluorobiphenyl
Concen: 0.82 ng
RT: 12.80 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Tgt Ion:172 Resp: 28271

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.8
170	23.4	19.8	29.6



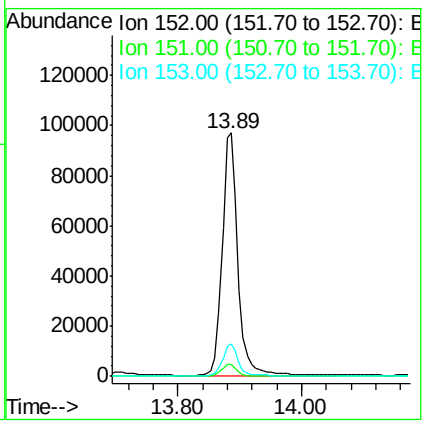


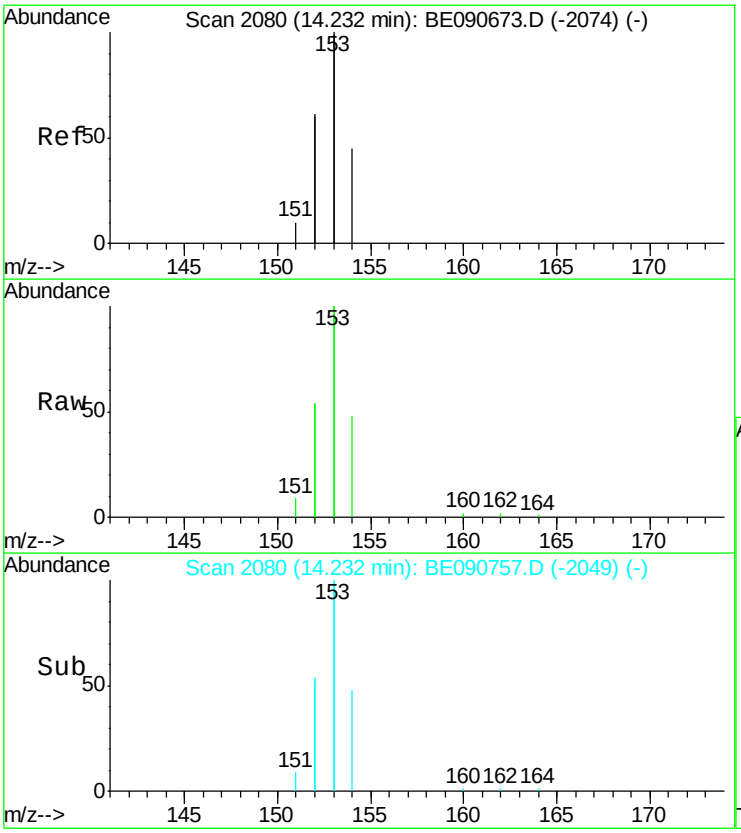
#15
Acenaphthylene
Concen: 0.85 ng
RT: 13.89 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 169656

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	12.9	10.3	15.5

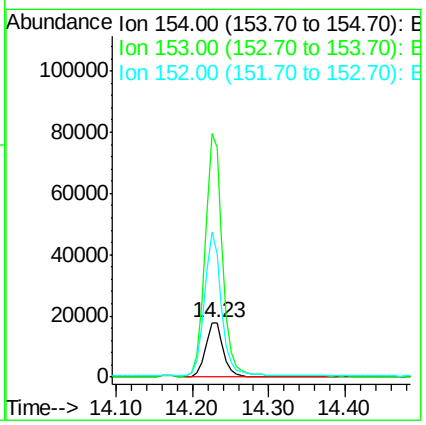


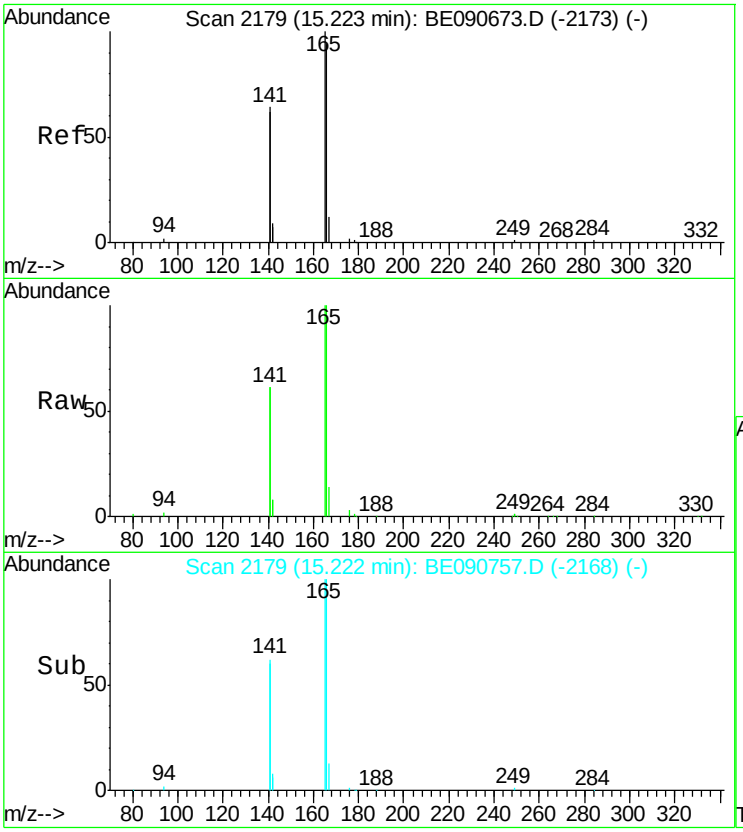


#16
Acenaphthene
Concen: 0.87 ng
RT: 14.23 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Tgt Ion:154 Resp: 29066

Ion	Ratio	Lower	Upper
154	100		
153	435.5	354.5	531.7
152	254.0	227.8	341.6



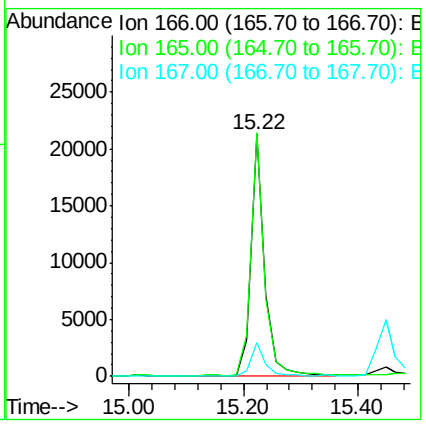


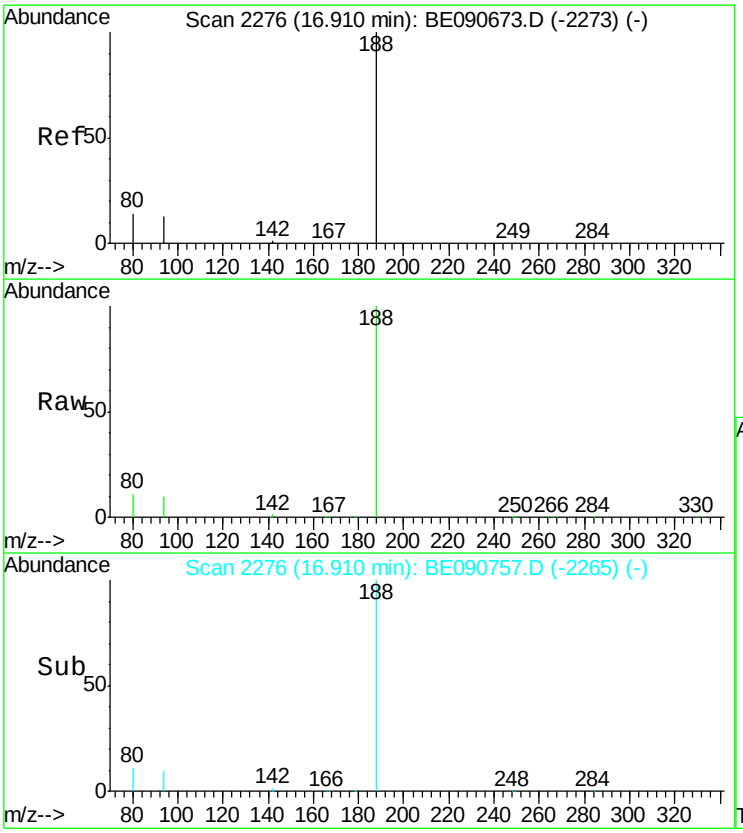
#17
Fluorene
Concen: 0.85 ng
RT: 15.22 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:166 Resp: 35407

Ion	Ratio	Lower	Upper
166	100		
165	100.5	82.7	124.1
167	13.9	10.7	16.1

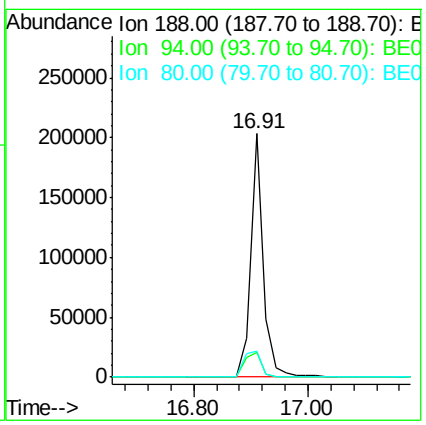


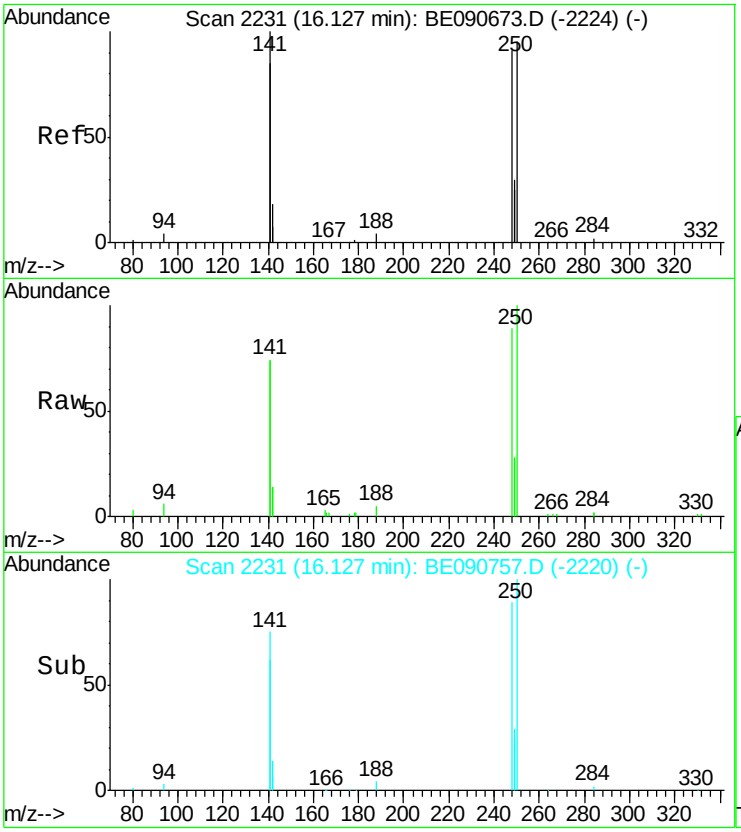


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Tgt Ion:188 Resp: 313916

Ion	Ratio	Lower	Upper
188	100		
94	9.9	10.3	15.5#
80	10.6	11.0	16.6#



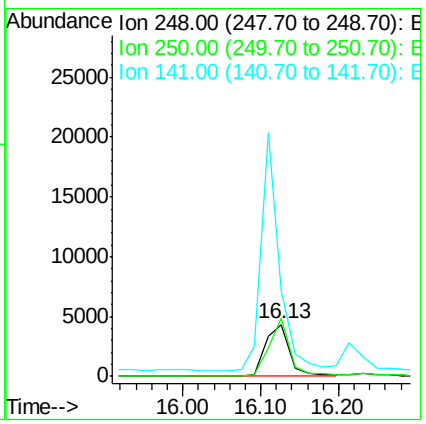


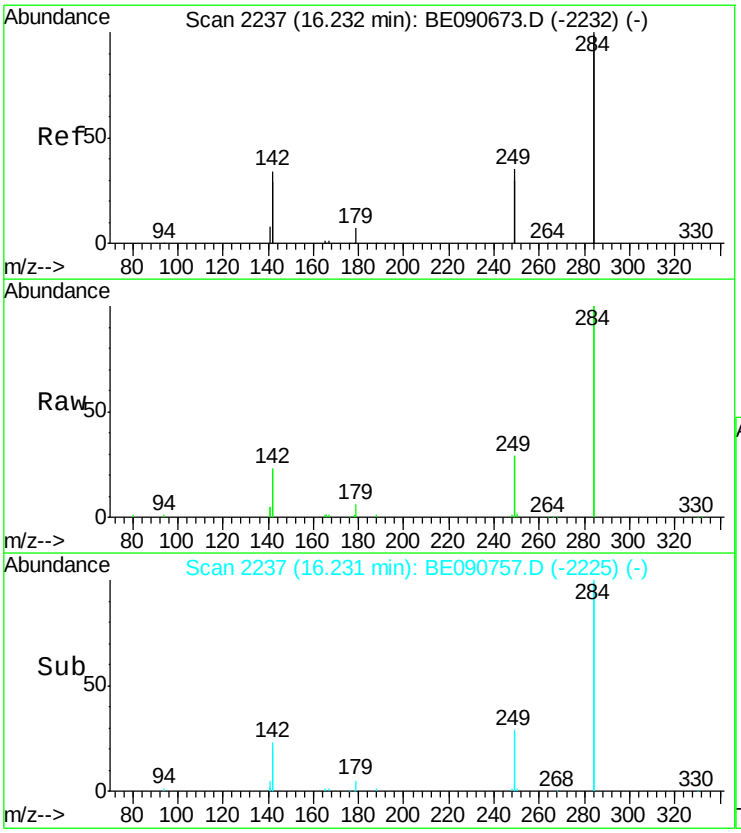
#19
4-Bromophenyl-phenylether
Concen: 0.86 ng
RT: 16.13 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:248 Resp: 9166

Ion	Ratio	Lower	Upper
248	100		
250	94.7	76.7	115.1
141	350.2	292.6	439.0

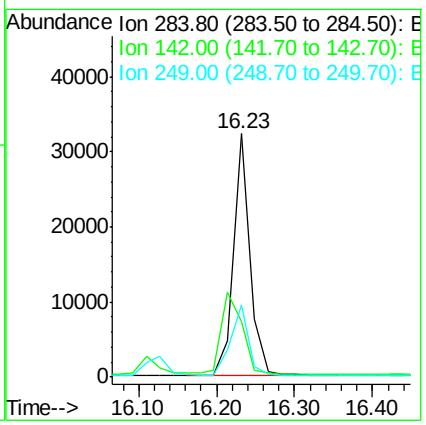


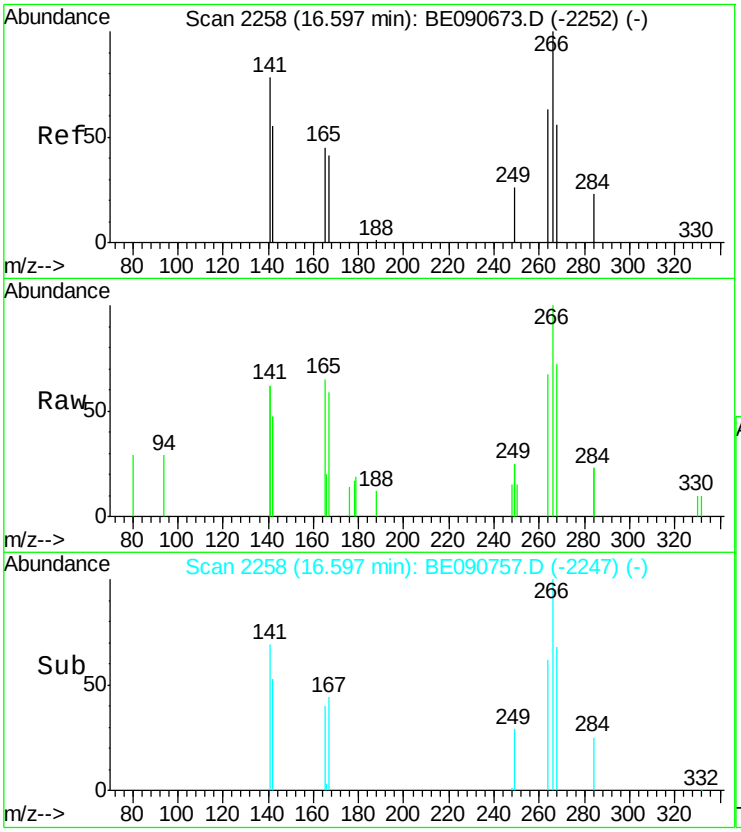


#20
Hexachlorobenzene
Concen: 0.83 ng
RT: 16.23 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Tgt Ion:284 Resp: 47671

Ion	Ratio	Lower	Upper
284	100		
142	41.9	35.0	52.4
249	31.1	25.5	38.3



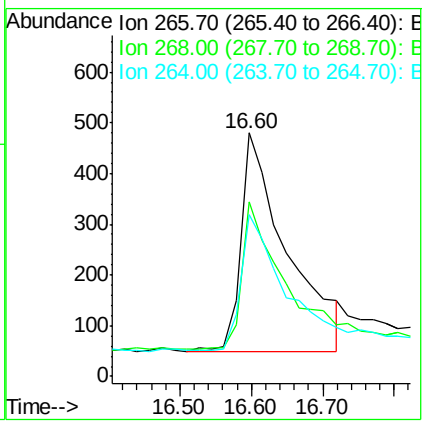


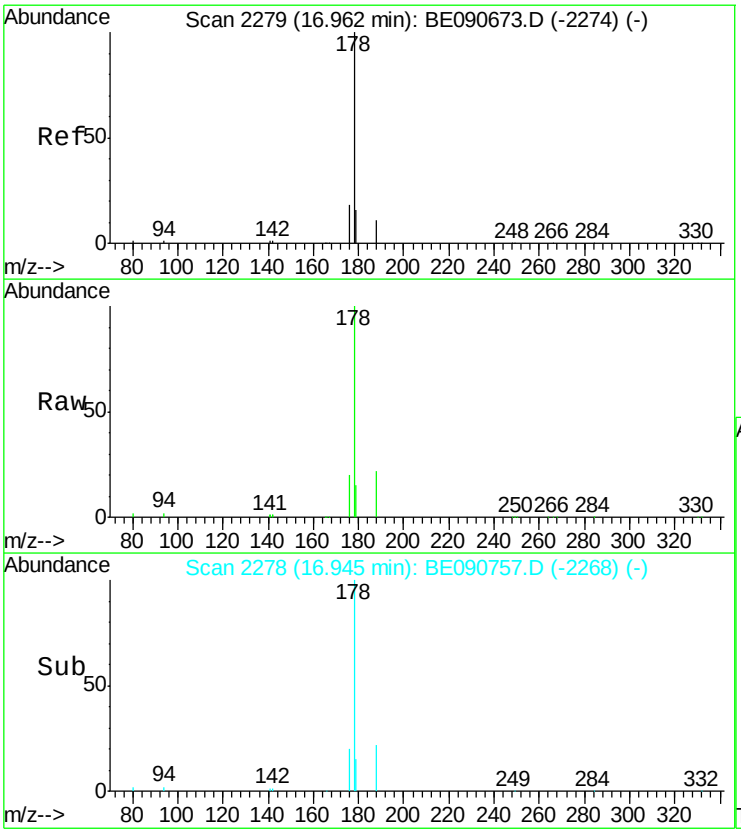
#21
Pentachlorophenol
Concen: 0.88 ng
RT: 16.60 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:266 Resp: 1922

Ion	Ratio	Lower	Upper
266	100		
268	71.9	49.6	74.4
264	66.7	53.9	80.9

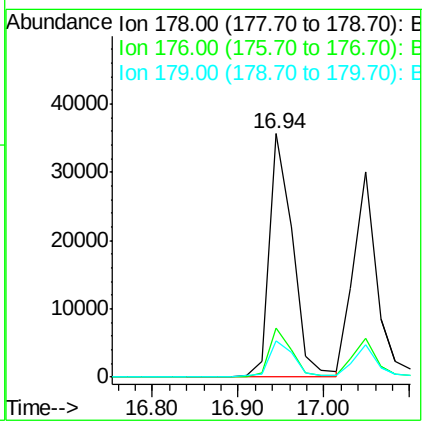


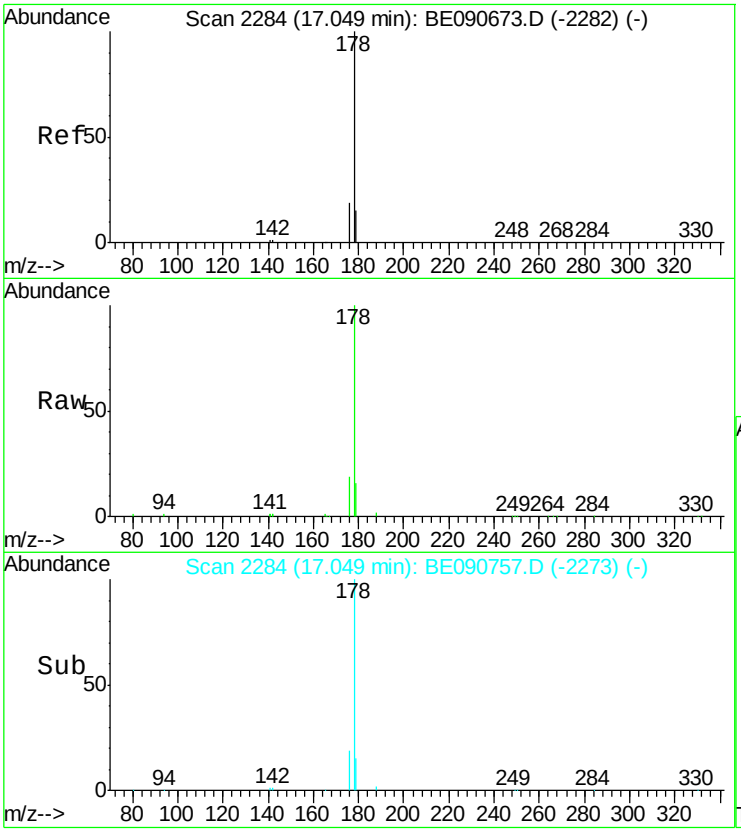


#22
Phenanthrene
Concen: 0.87 ng
RT: 16.94 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Tgt Ion:178 Resp: 67255

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.7	12.8	19.2



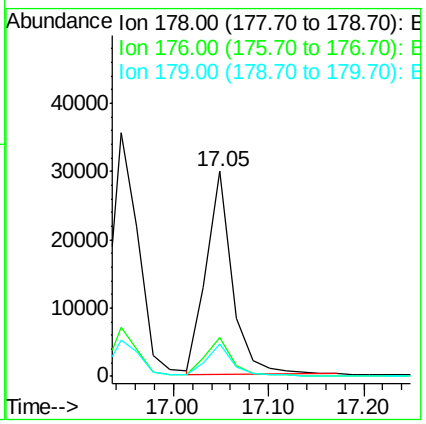


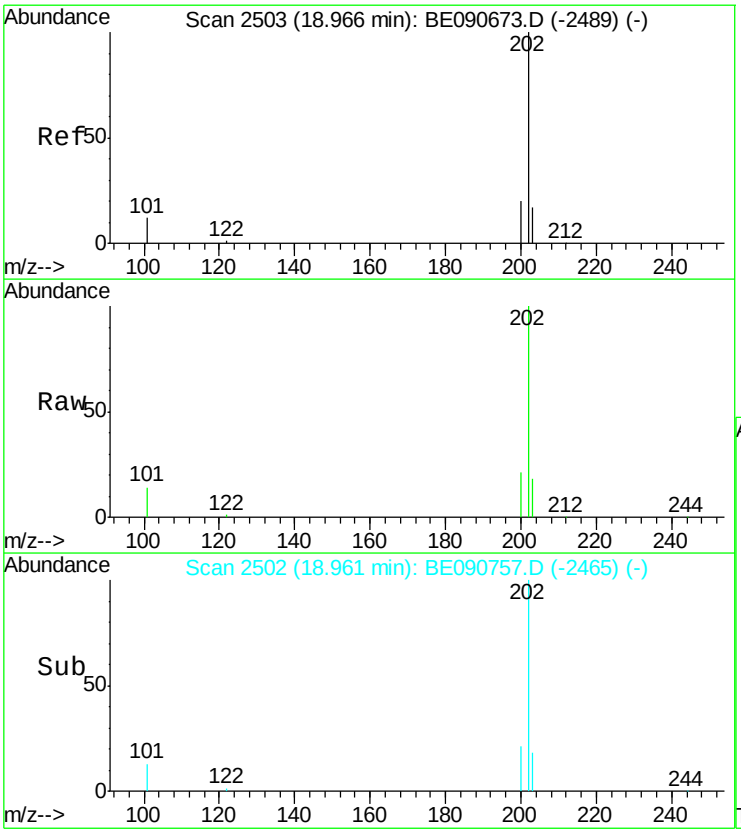
#23
Anthracene
Concen: 0.88 ng
RT: 17.05 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:178 Resp: 57053

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.2	12.3	18.5

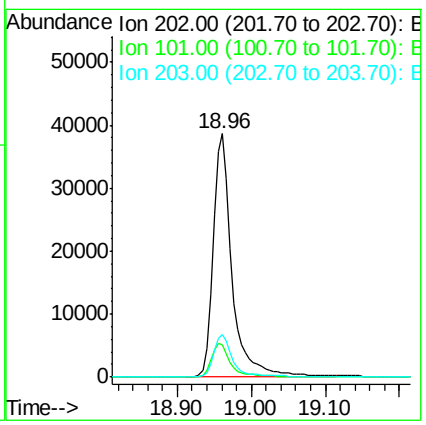


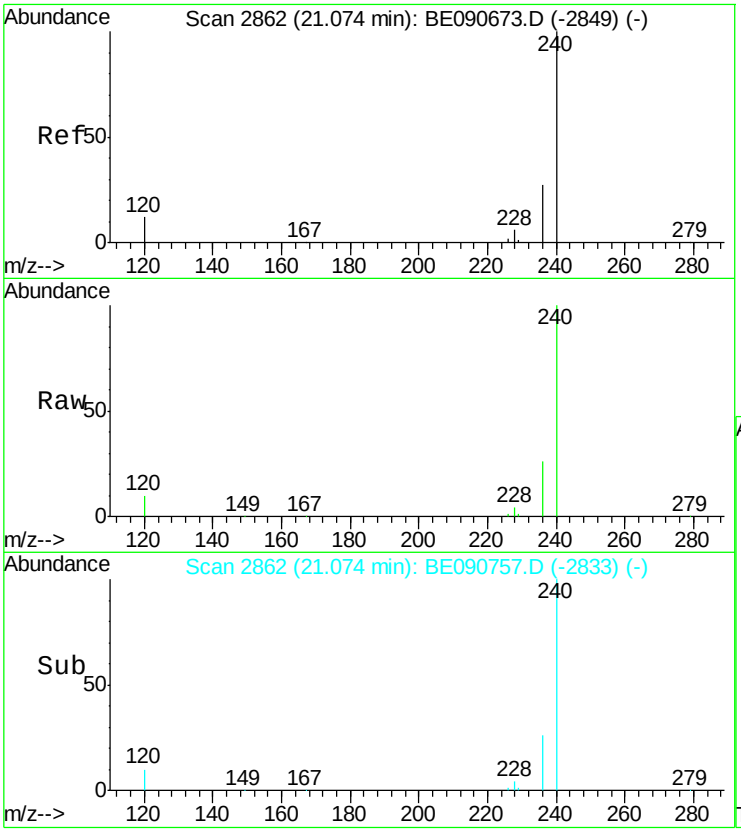


#24
Fluoranthene
Concen: 0.84 ng
RT: 18.96 min Scan# 2502
Delta R.T. -0.01 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Tgt Ion:202 Resp: 68996

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.0	16.6
203	17.4	13.9	20.9



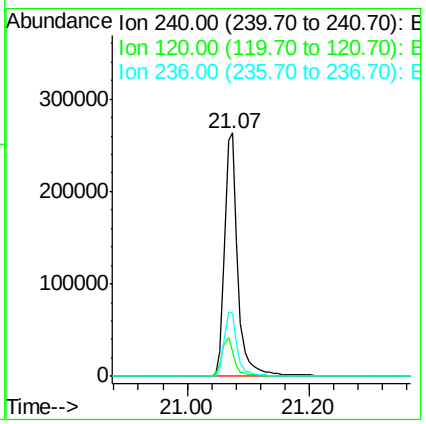


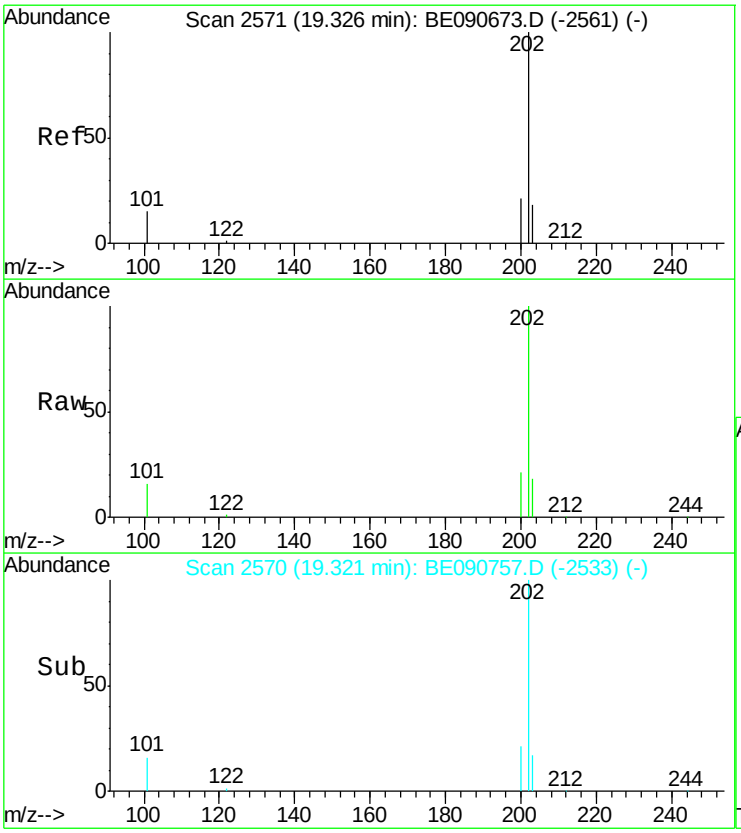
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:240 Resp: 395289

Ion	Ratio	Lower	Upper
240	100		
120	10.3	10.1	15.1
236	26.1	21.9	32.9

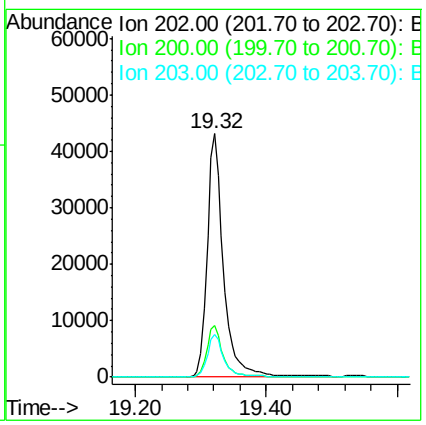


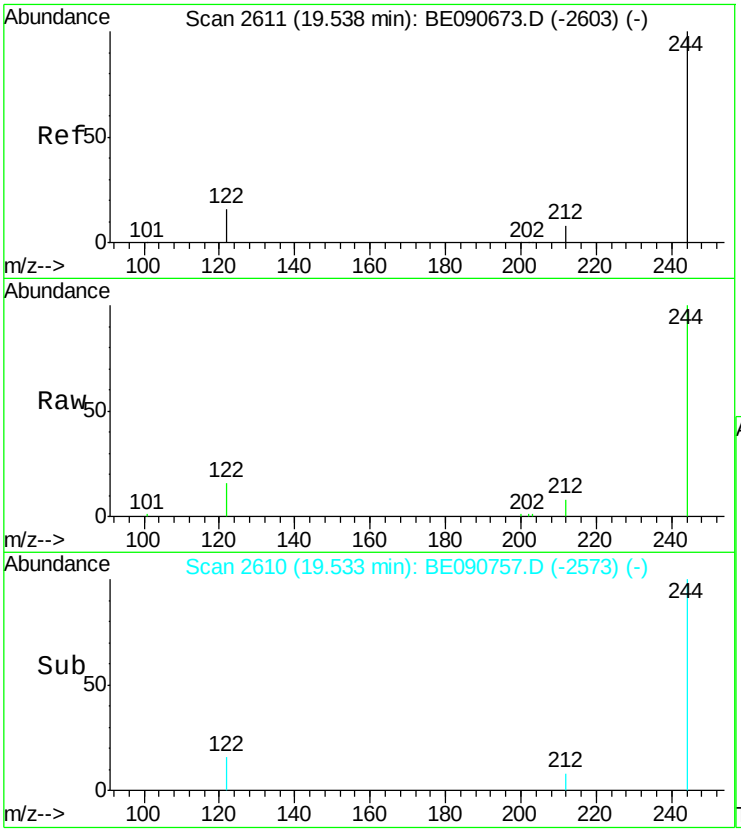


#26
Pyrene
Concen: 0.90 ng
RT: 19.32 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Tgt Ion:202 Resp: 73649

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	17.5	13.8	20.6



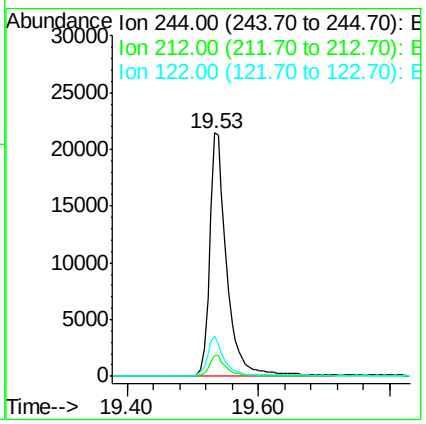


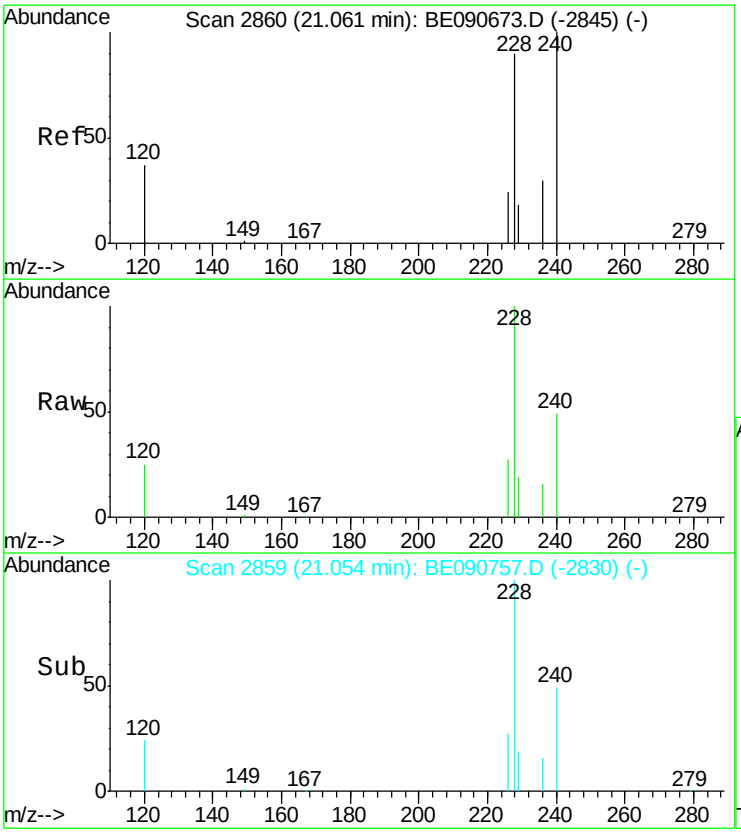
#27
Terphenyl-d14
Concen: 0.88 ng
RT: 19.53 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:244 Resp: 38379

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	16.3	12.9	19.3

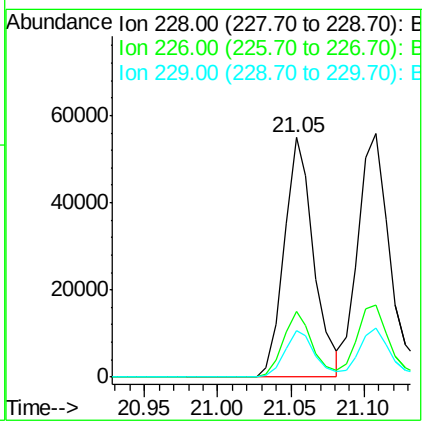


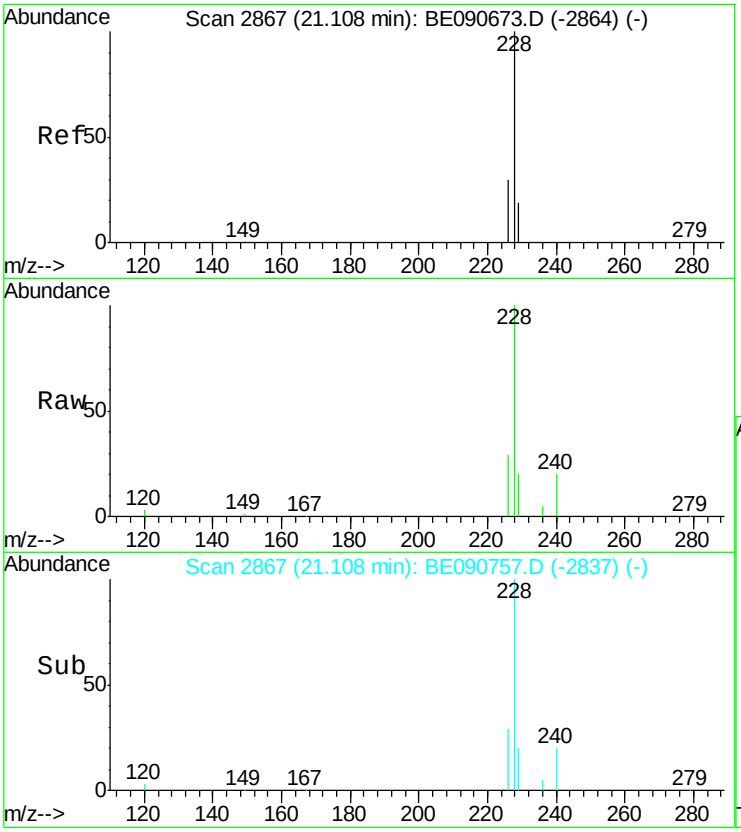


#28
Benzo(a)anthracene
Concen: 0.88 ng
RT: 21.05 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Tgt Ion:228 Resp: 77017

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.6	32.4
229	19.3	15.9	23.9



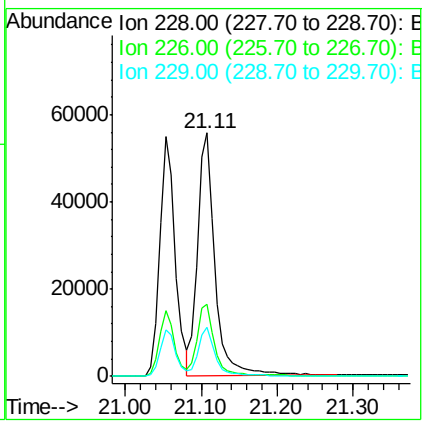


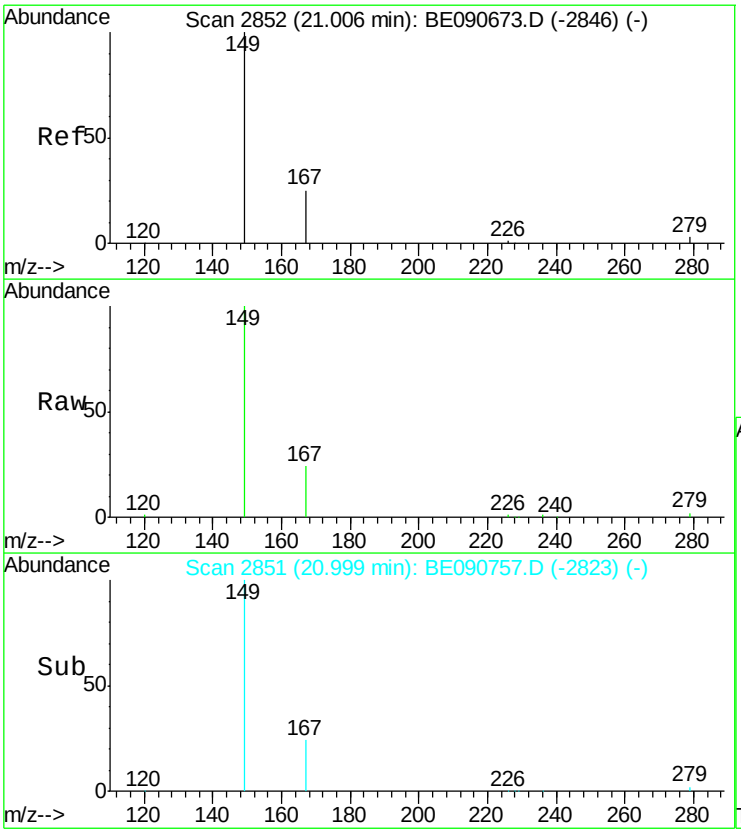
#29
Chrysene
Concen: 0.91 ng
RT: 21.11 min Scan# 2867
Delta R.T. 0.00 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:228 Resp: 88690

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.2	36.4
229	20.0	15.3	22.9

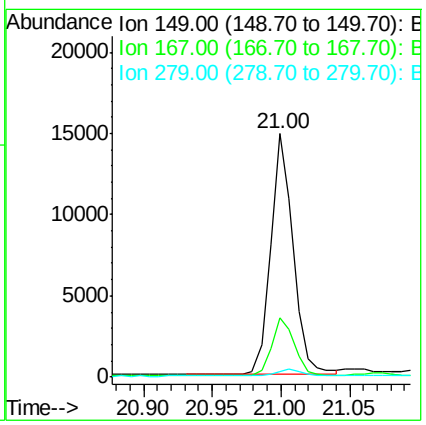


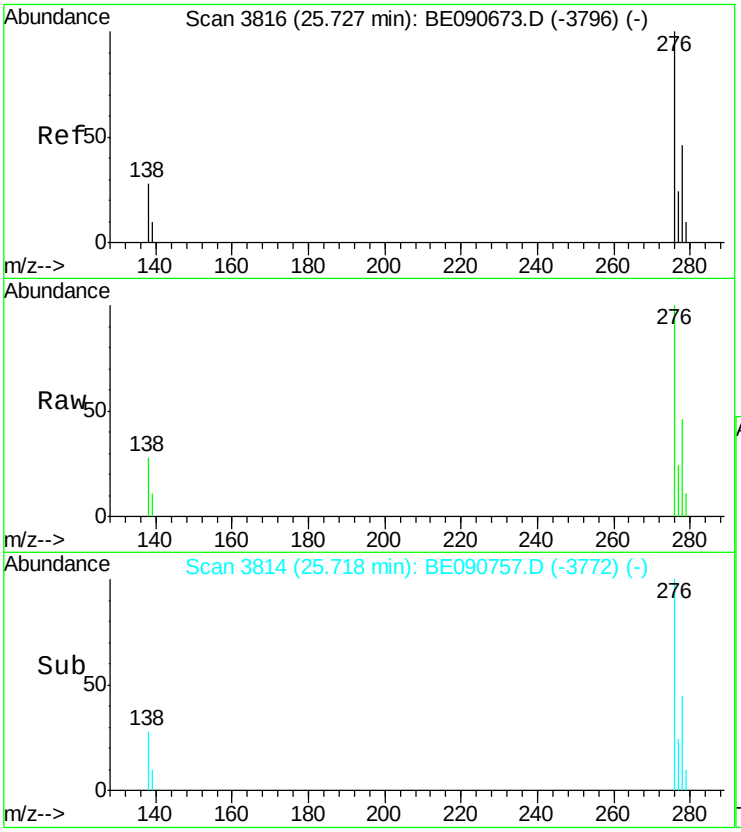


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.77 ng
RT: 21.00 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Tgt Ion:149 Resp: 16766

Ion	Ratio	Lower	Upper
149	100		
167	24.7	20.1	30.1
279	2.9	2.3	3.5



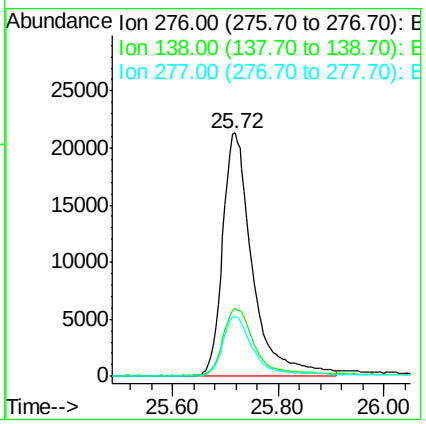


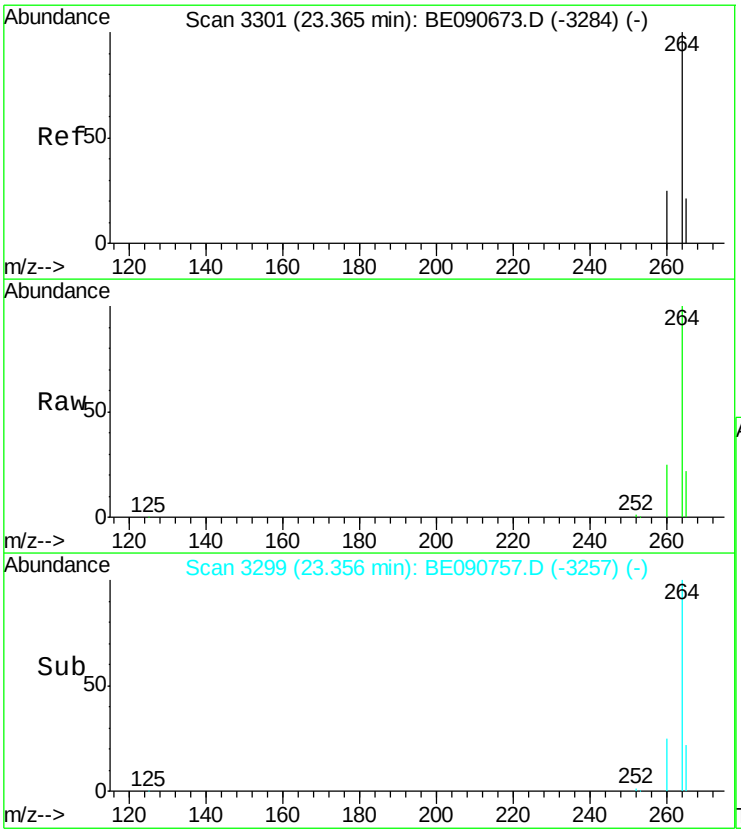
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.89 ng
RT: 25.72 min Scan# 3814
Delta R.T. -0.01 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 83158

Ion	Ratio	Lower	Upper
276	100		
138	29.5	23.3	34.9
277	24.5	19.8	29.6

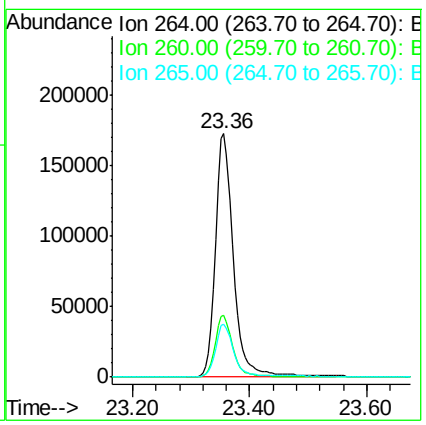


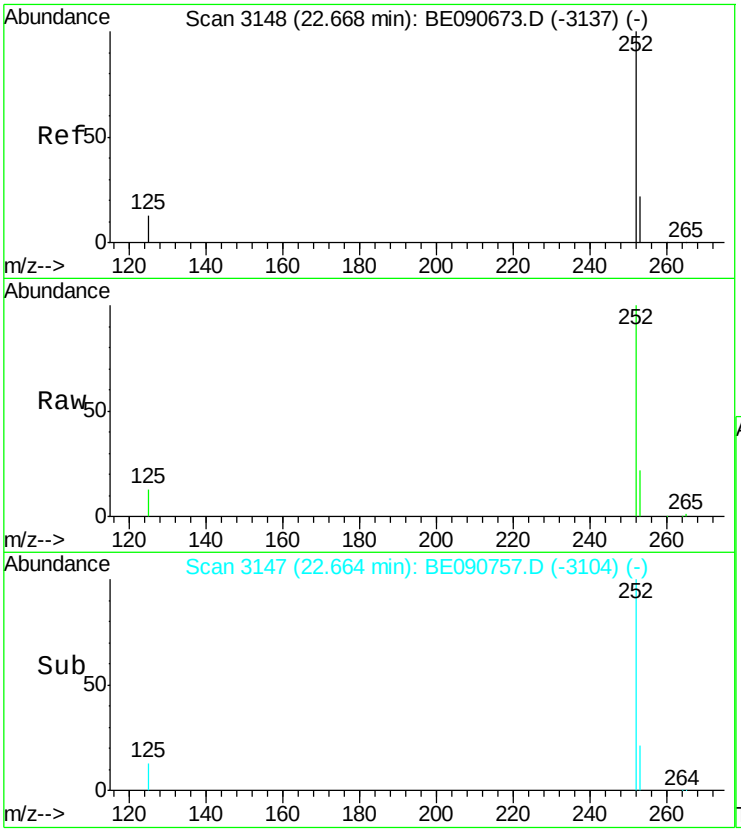


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3299
Delta R.T. -0.01 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Tgt Ion:264 Resp: 365549

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.7	29.5
265	21.9	17.5	26.3



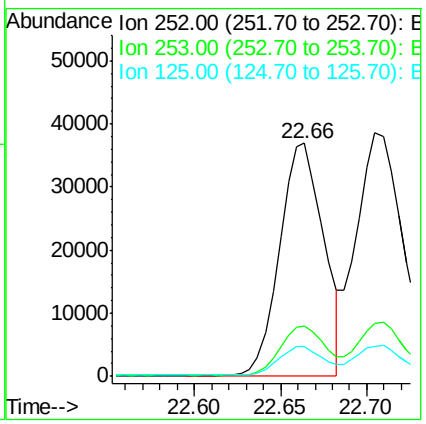


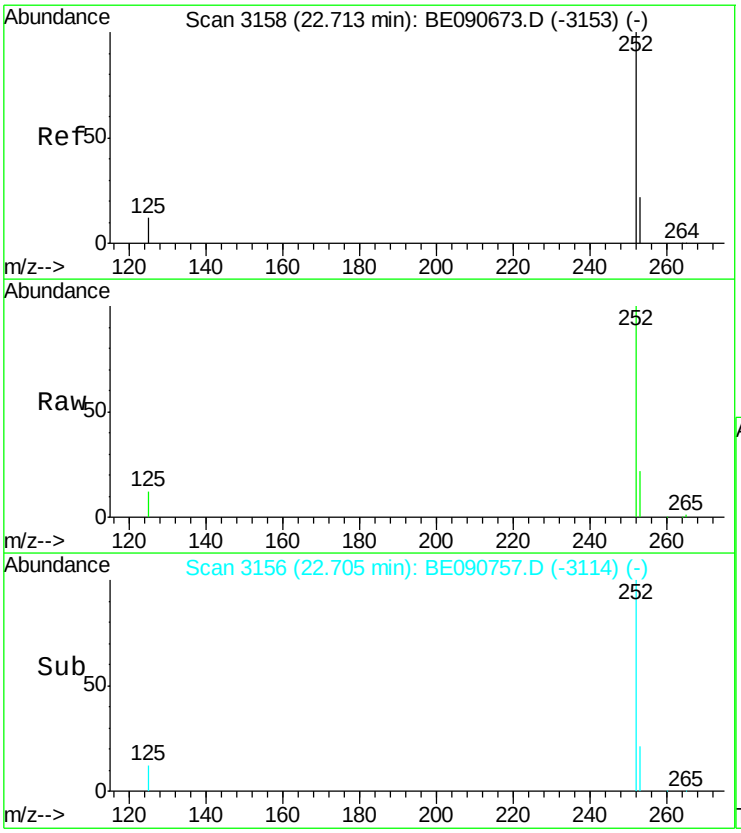
#33
Benzo(b)fluoranthene
Concen: 0.82 ng
RT: 22.66 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 64854

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	13.0	10.6	16.0

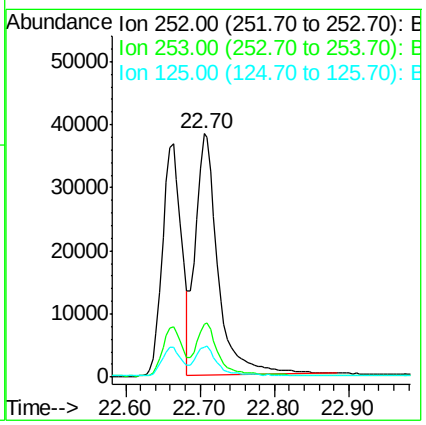


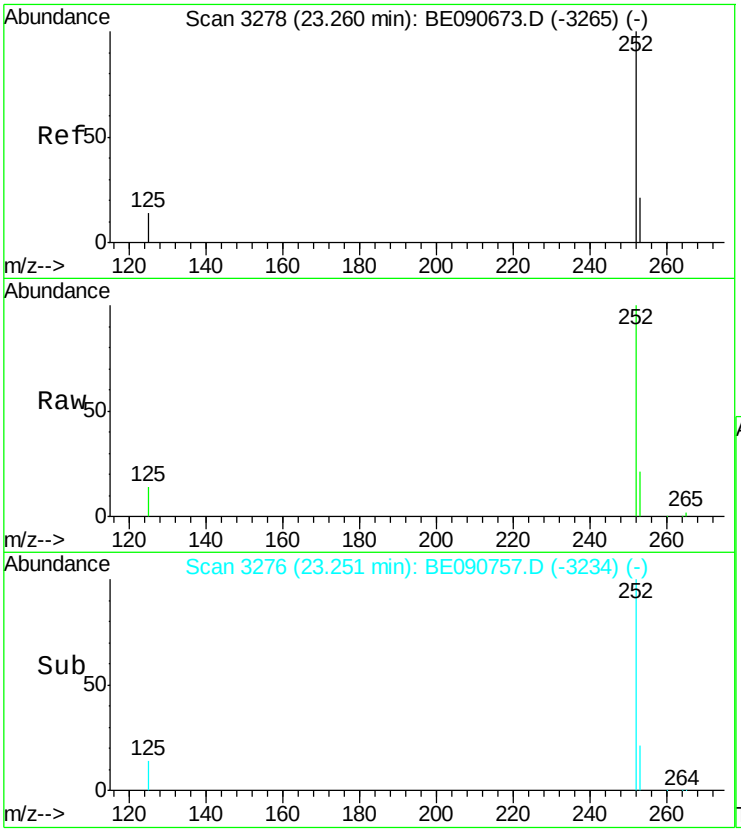


#34
Benzo(k)fluoranthene
Concen: 0.88 ng
RT: 22.70 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Tgt Ion:252 Resp: 81242

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	12.5	10.1	15.1



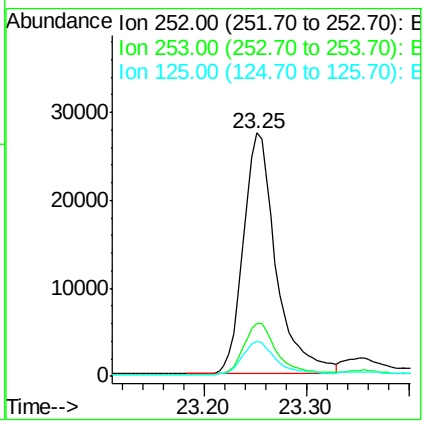


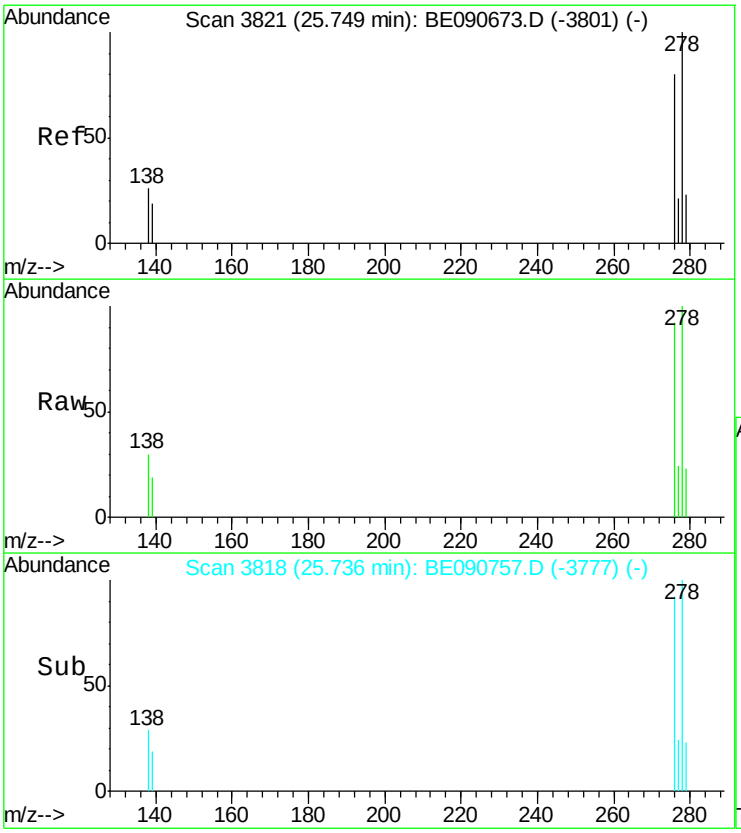
#35
Benzo(a)pyrene
Concen: 0.86 ng
RT: 23.25 min Scan# 3276
Delta R.T. -0.01 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 61304

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	14.2	11.6	17.4

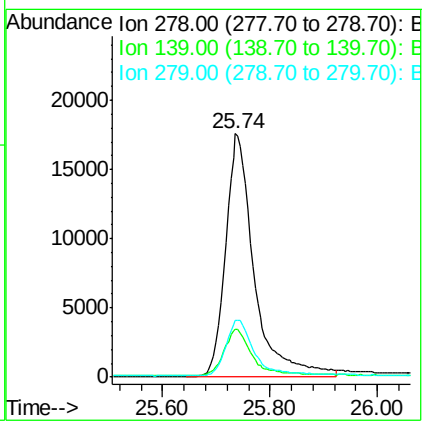


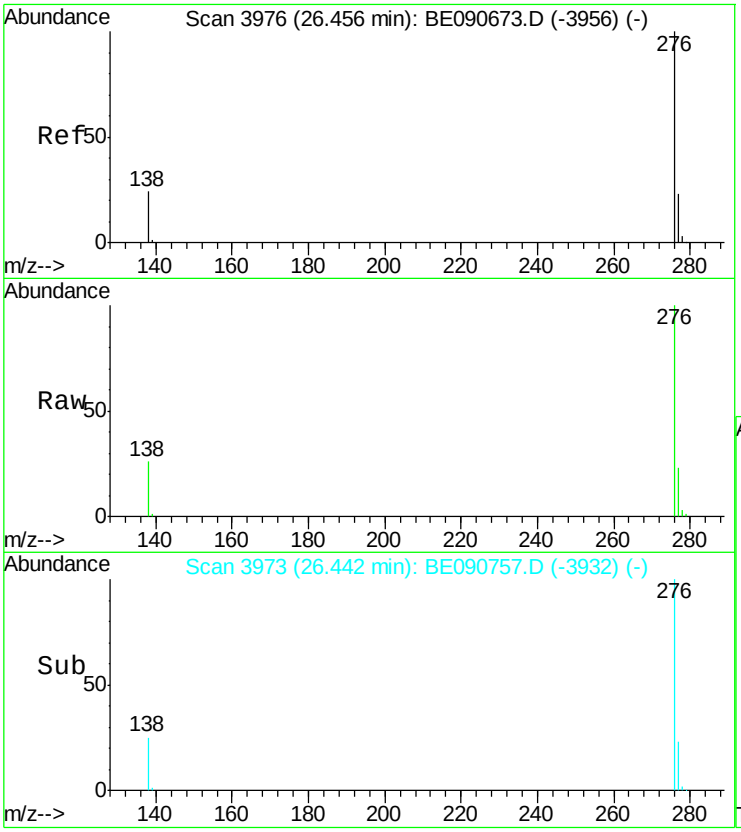


#36
Dibenzo(a,h)anthracene
Concen: 0.87 ng
RT: 25.74 min Scan# 3818
Delta R.T. -0.01 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Tgt Ion:278 Resp: 64622

Ion	Ratio	Lower	Upper
278	100		
139	19.5	15.4	23.0
279	23.2	18.8	28.2





#37
Benzo(g,h,i)perylene
Concen: 0.85 ng
RT: 26.44 min Scan# 3973
Delta R.T. -0.01 min
Lab File: BE090757.D
Acq: 10 Sep 2015 11:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 68973

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.5	27.7
138	25.7	20.1	30.1