Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091015\
Data File : BE090781.D
Acq On : 11 Sep 2015 3:13
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001EC

Quant Time: Sep 11 03:55:46 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	52960	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	248405	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	131182	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	317655	5.00	ng	0.00
25) Chrysene-d12	21.07	240	379942	5.00	ng	0.00
32) Perylene-d12	23.36	264	343476	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	8793	0.87	ng	0.00
5) Phenol-d6	6.75	99	13231	0.90	ng	0.00
7) Nitrobenzene-d5	8.70	82	13627	0.83	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	2779	0.86	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	29893	0.82	ng	0.00
27) Terphenyl-d14	19.53	244	37443	0.89	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	6471	0.79	ng	96
3) n-Nitrosodimethylamine	3.45	42	7963	0.78	ng	94
8) Nitrobenzene	8.74	77	15183	0.84	ng	98
9) Naphthalene	10.35	128	46618	0.86	ng	100
10) Hexachlorobutadiene	10.65	225	7138	0.84	ng	100
11) 2-Methylnaphthalene	11.98	142	26520	0.90	ng	99
15) Acenaphthylene	13.88	152	178125	0.85	ng	100
16) Acenaphthene	14.23	154	29674	0.85	ng	95
17) Fluorene	15.22	166	37340	0.85	ng	97
19) 4-Bromophenyl-phenylether	16.13	248	9069	0.84	ng	97
20) Hexachlorobenzene	16.23	284	48463	0.83	ng	97
21) Pentachlorophenol	16.60	266	2323	0.96	ng	92
22) Phenanthrene	16.94	178	67153	0.85	ng	99
23) Anthracene	17.05	178	57658	0.88	ng	100
24) Fluoranthene	18.96	202	68402	0.83	ng	99
26) Pyrene	19.32	202	72128	0.92	ng	100
28) Benzo(a)anthracene	21.05	228	74897	0.89	ng	99
29) Chrysene	21.11	228	84567	0.90	ng	99
30) Bis(2-ethylhexyl)phthalate	21.00	149	17159	0.81	ng	99
31) Indeno(1,2,3-cd)pyrene	25.72	276	78396	0.87	ng	99
33) Benzo(b)fluoranthene	22.66	252	63003	0.85	ng	99
34) Benzo(k)fluoranthene	22.71	252	76637	0.88	ng	99
35) Benzo(a)pyrene	23.26	252	58140	0.87	ng	100
36) Dibenzo(a,h)anthracene	25.74	278	61166	0.87	ng	98
37) Benzo(g,h,i)perylene	26.44	276	63500	0.83	ng	98

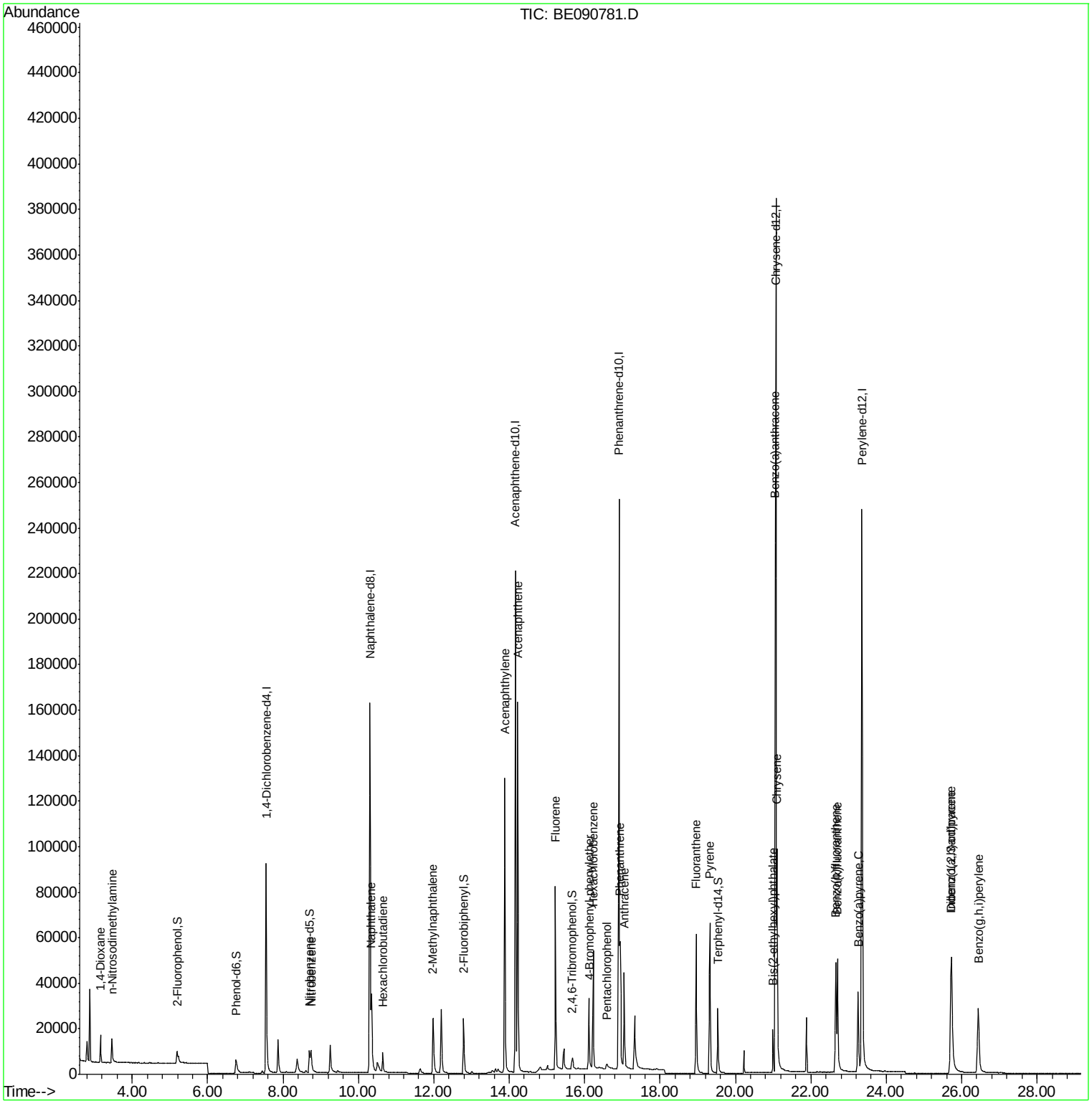
(#) = qualifier out of range (m) = manual integration (+) = signals summed

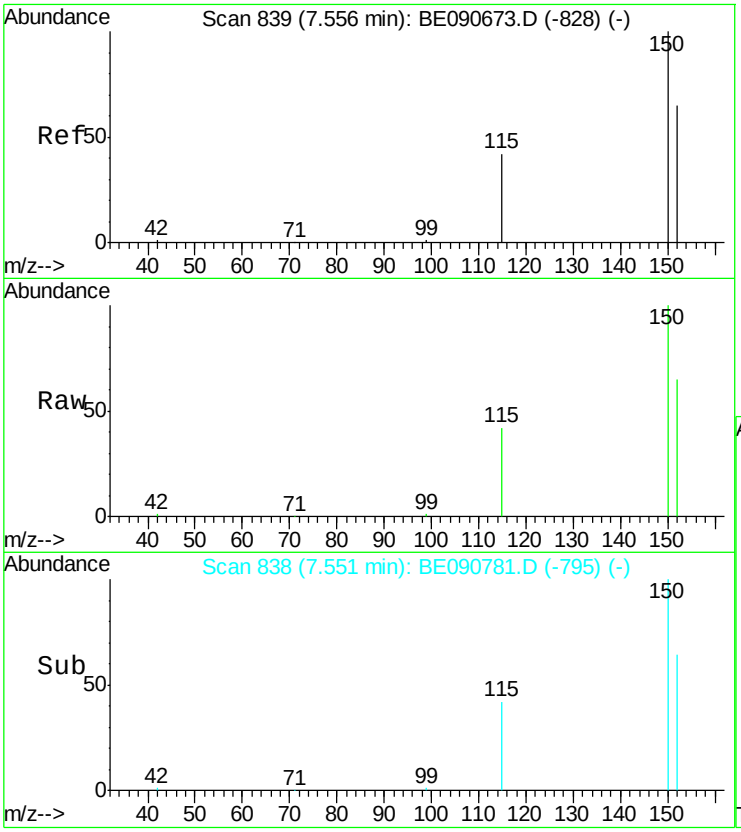
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091015\
Data File : BE090781.D
Acq On : 11 Sep 2015 3:13
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Quant Time: Sep 11 03:55:46 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



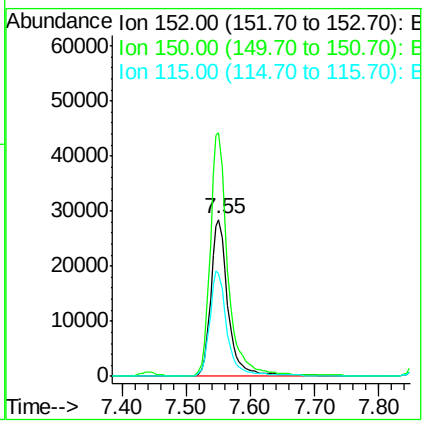


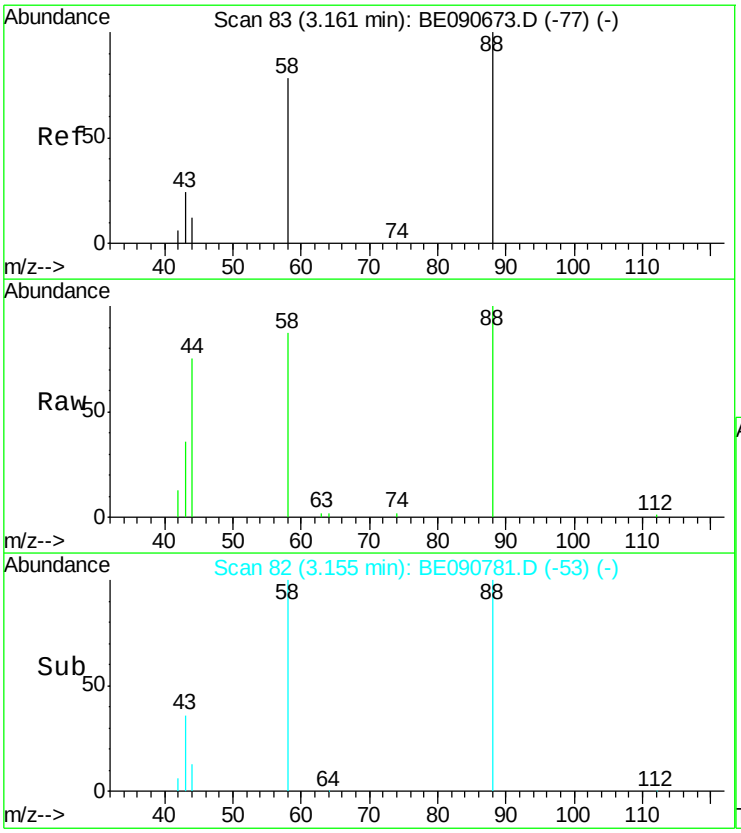
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.01 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 52960

Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.2	183.4
115	65.7	51.0	76.4

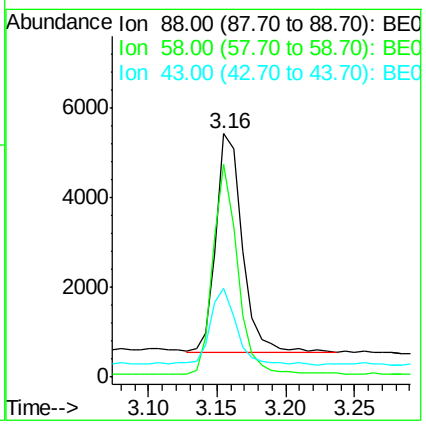


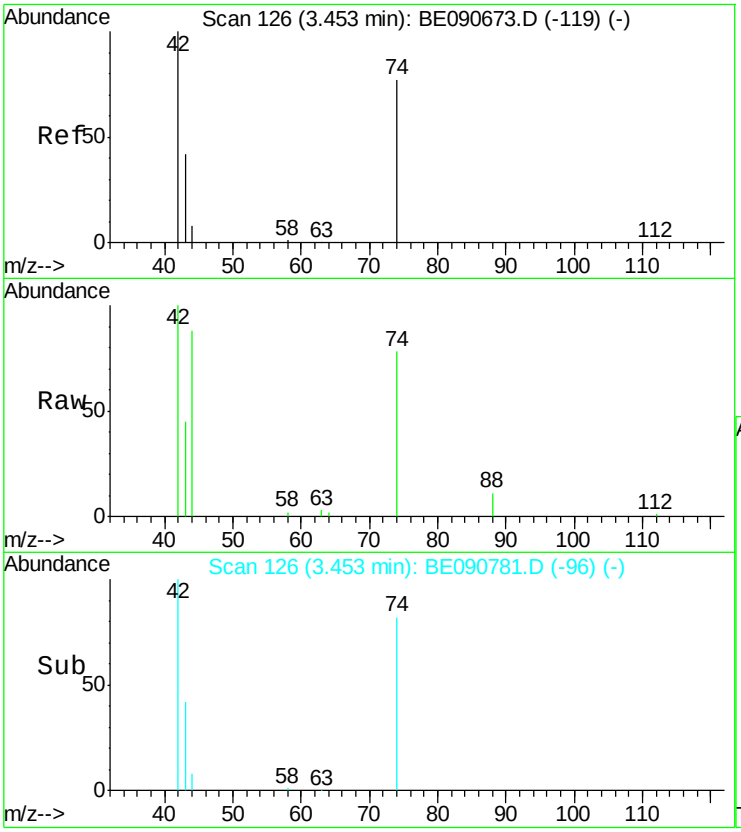


#2
1,4-Dioxane
Concen: 0.79 ng
RT: 3.16 min Scan# 82
Delta R.T. -0.01 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Tgt Ion: 88 Resp: 6471

Ion	Ratio	Lower	Upper
88	100		
58	89.3	68.4	102.6
43	35.6	26.9	40.3



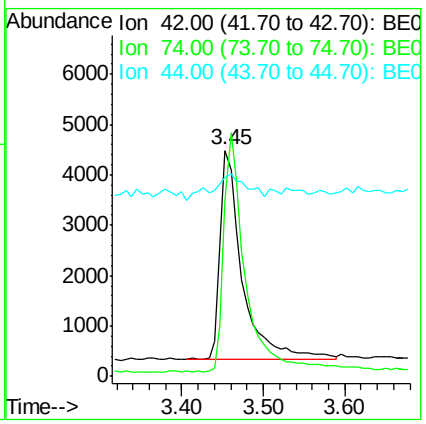


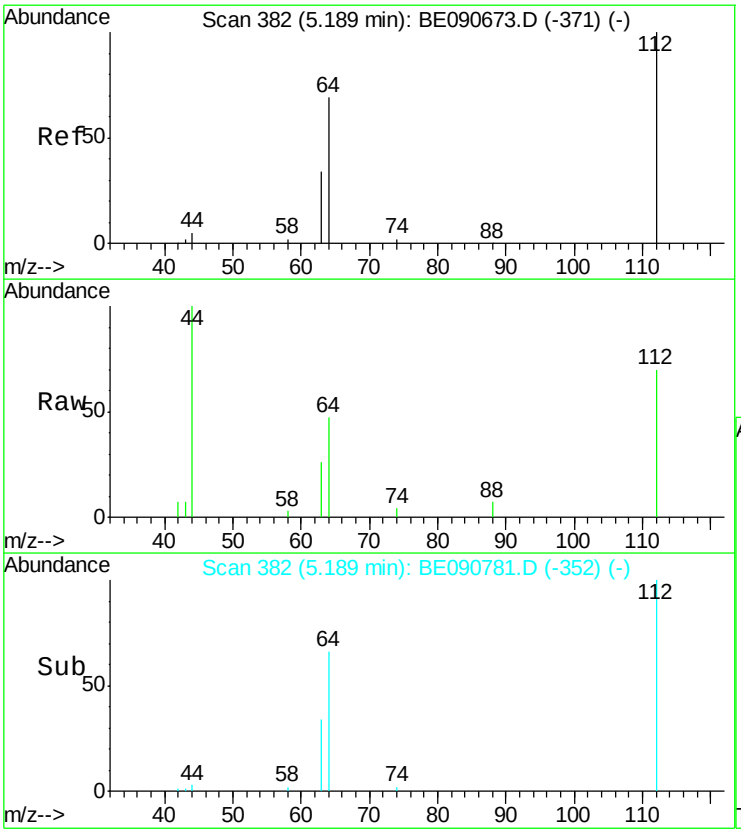
#3
n-Nitrosodimethylamine
Concen: 0.78 ng
RT: 3.45 min Scan# 126
Delta R.T. 0.00 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 42 Resp: 7963

Ion	Ratio	Lower	Upper
42	100		
74	111.0	83.7	125.5
44	11.3	10.0	15.0

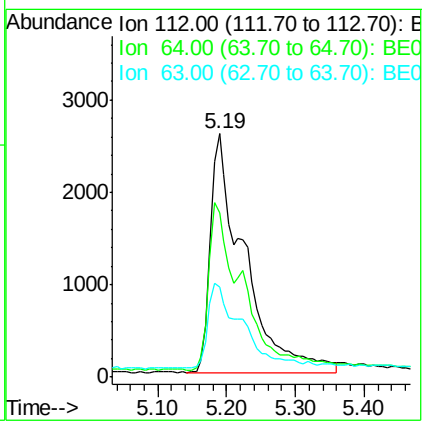


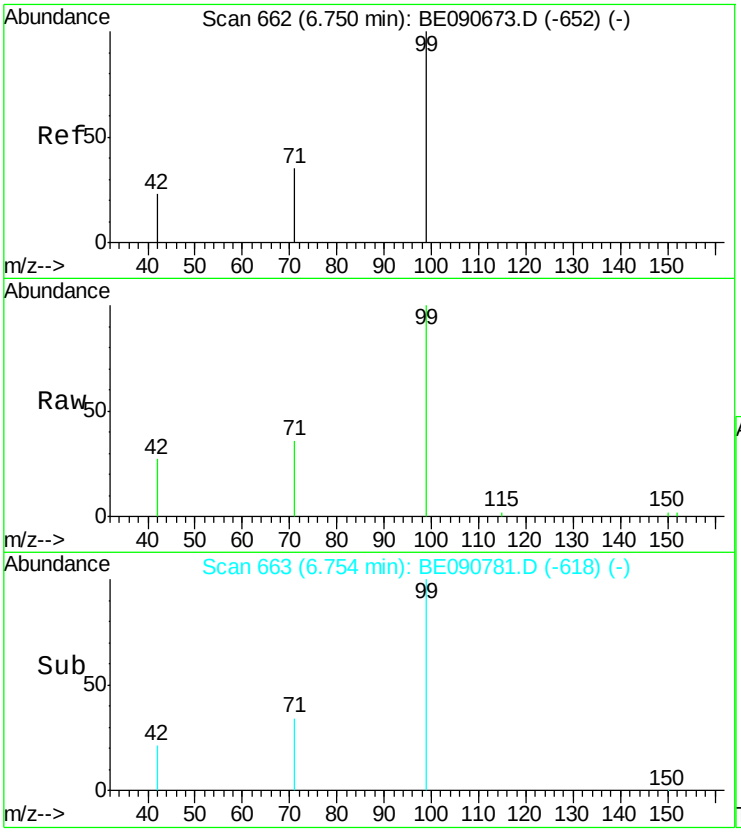


#4
2-Fluorophenol
Concen: 0.87 ng
RT: 5.19 min Scan# 382
Delta R.T. 0.00 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Tgt Ion:112 Resp: 8793

Ion	Ratio	Lower	Upper
112	100		
64	70.8	57.3	85.9
63	36.5	29.2	43.8



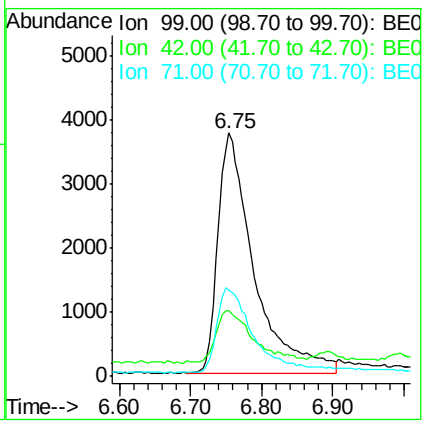


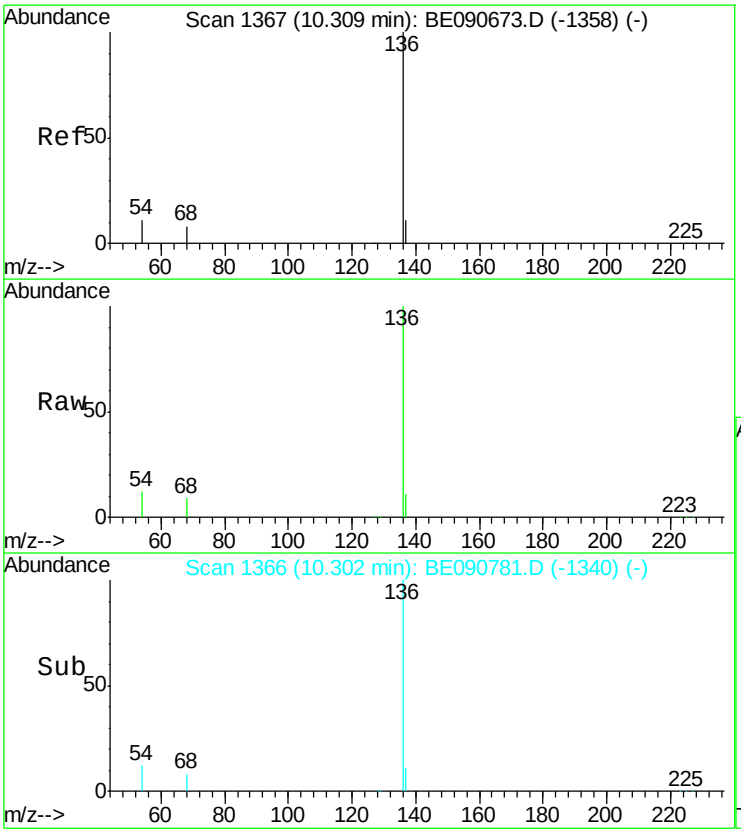
#5
Phenol-d6
Concen: 0.90 ng
RT: 6.75 min Scan# 663
Delta R.T. 0.00 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 99 Resp: 13231

Ion	Ratio	Lower	Upper
99	100		
42	22.3	16.8	25.2
71	36.7	28.3	42.5

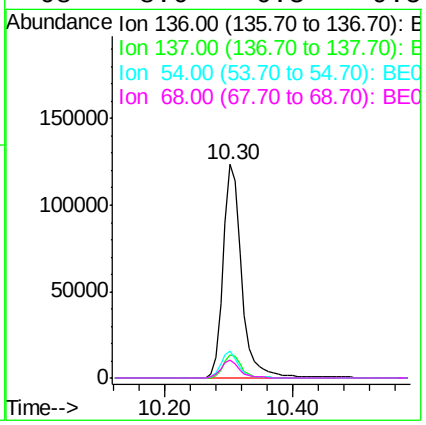


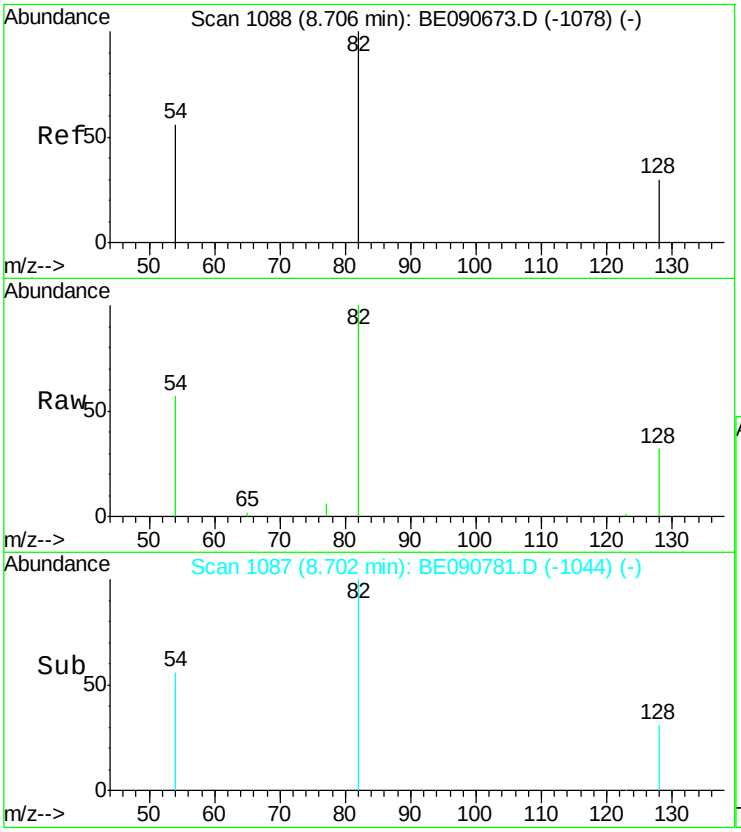


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.30 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Tgt Ion:136 Resp: 248405

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	12.3	9.0	13.6
68	8.6	6.3	9.5



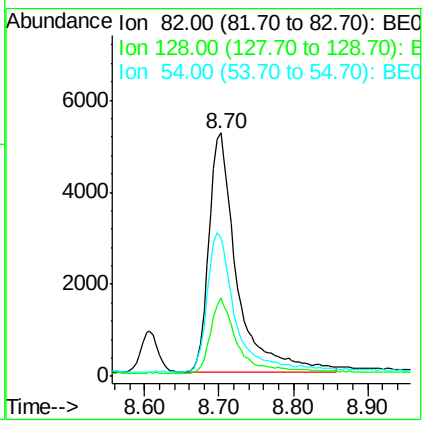


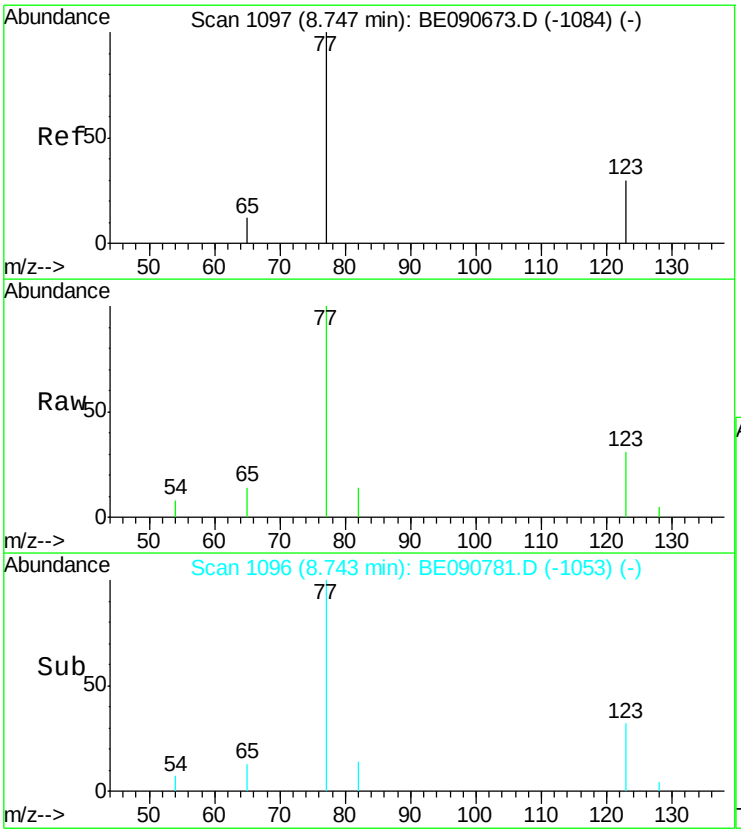
#7
Nitrobenzene-d5
Concen: 0.83 ng
RT: 8.70 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 82 Resp: 13627

Ion	Ratio	Lower	Upper
82	100		
128	32.0	25.0	37.4
54	56.8	46.3	69.5

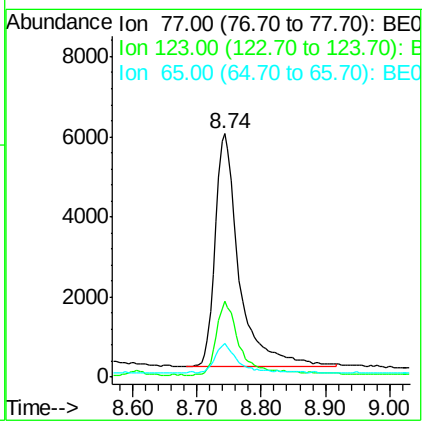


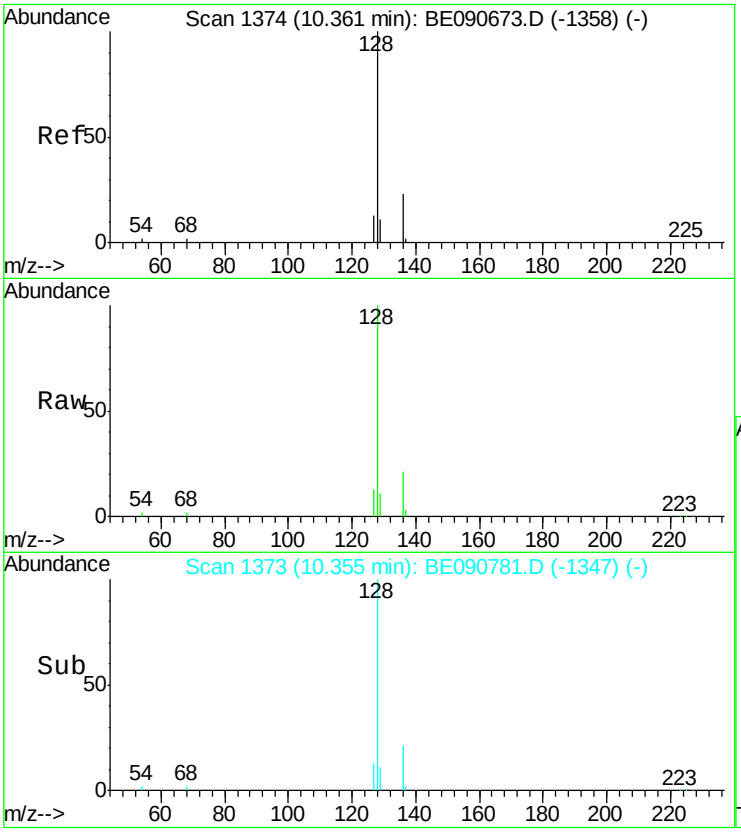


#8
Nitrobenzene
Concen: 0.84 ng
RT: 8.74 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Tgt Ion: 77 Resp: 15183

Ion	Ratio	Lower	Upper
77	100		
123	30.2	25.1	37.7
65	11.7	9.9	14.9



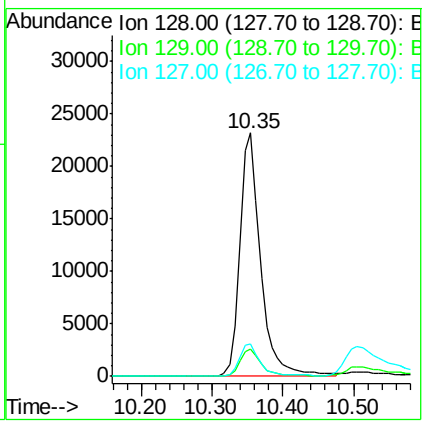


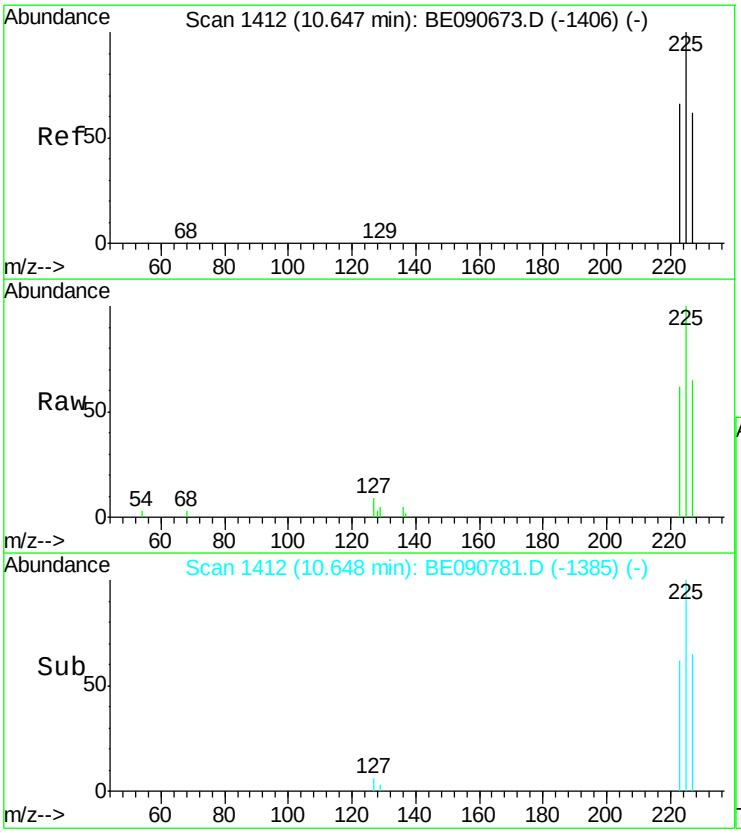
#9
Naphthalene
Concen: 0.86 ng
RT: 10.35 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:128 Resp: 46618

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.1	10.6	15.8

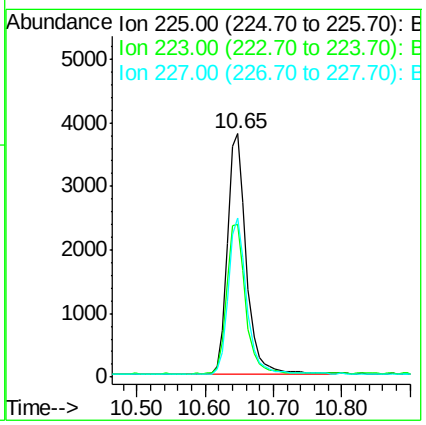


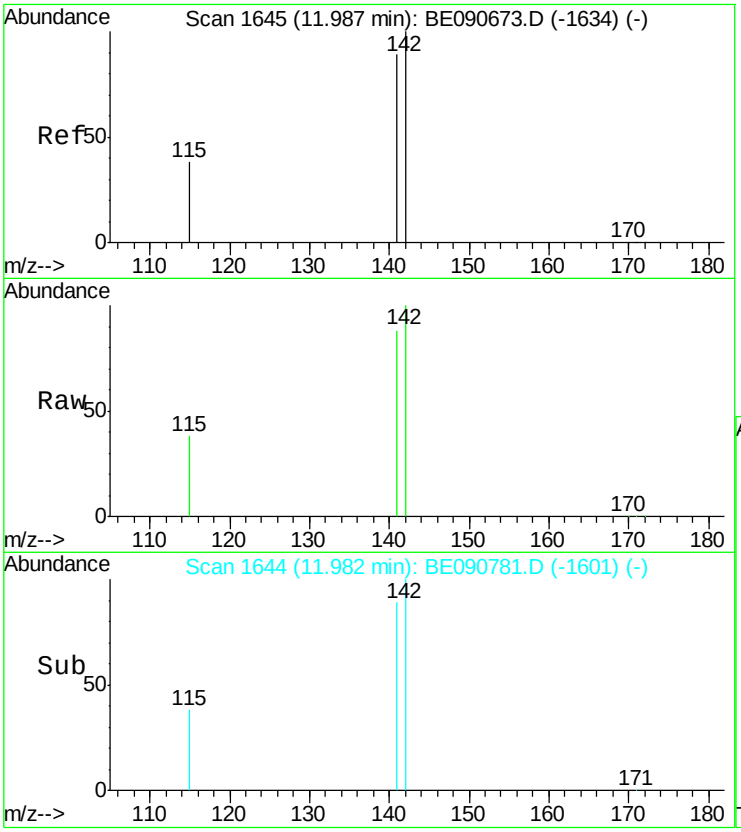


#10
Hexachlorobutadiene
Concen: 0.84 ng
RT: 10.65 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Tgt Ion:225 Resp: 7138

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	63.3	51.0	76.6



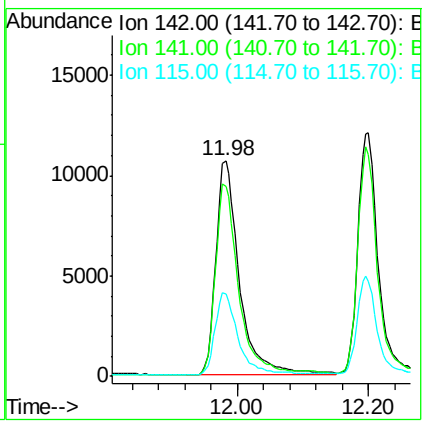


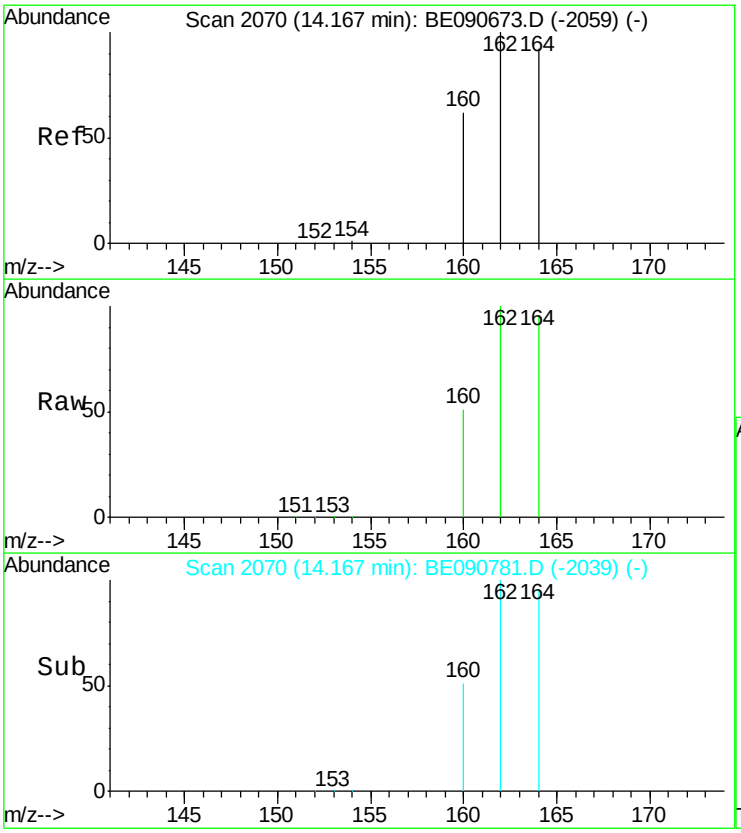
#11
2-Methylnaphthalene
Concen: 0.90 ng
RT: 11.98 min Scan# 1644
Delta R.T. -0.01 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:142 Resp: 26520

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.4	107.2
115	38.3	31.0	46.4

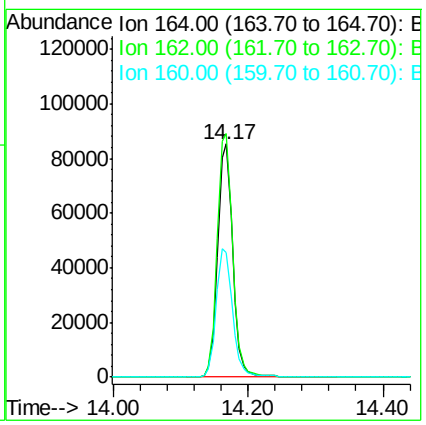


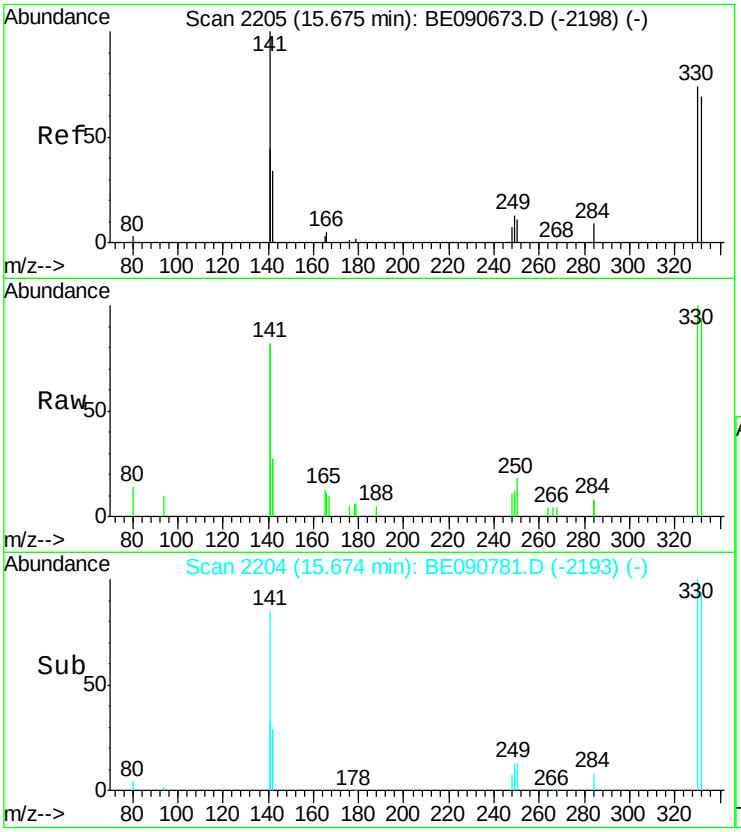


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Tgt Ion:164 Resp: 131182

Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.8	130.2
160	53.4	53.9	80.9#



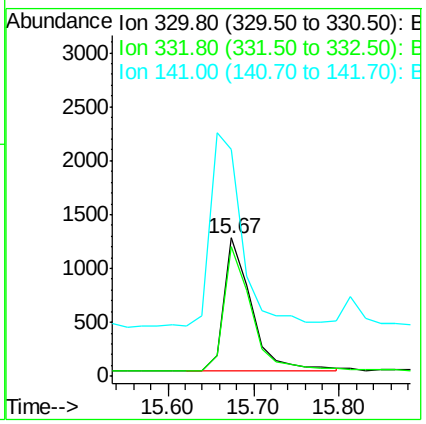


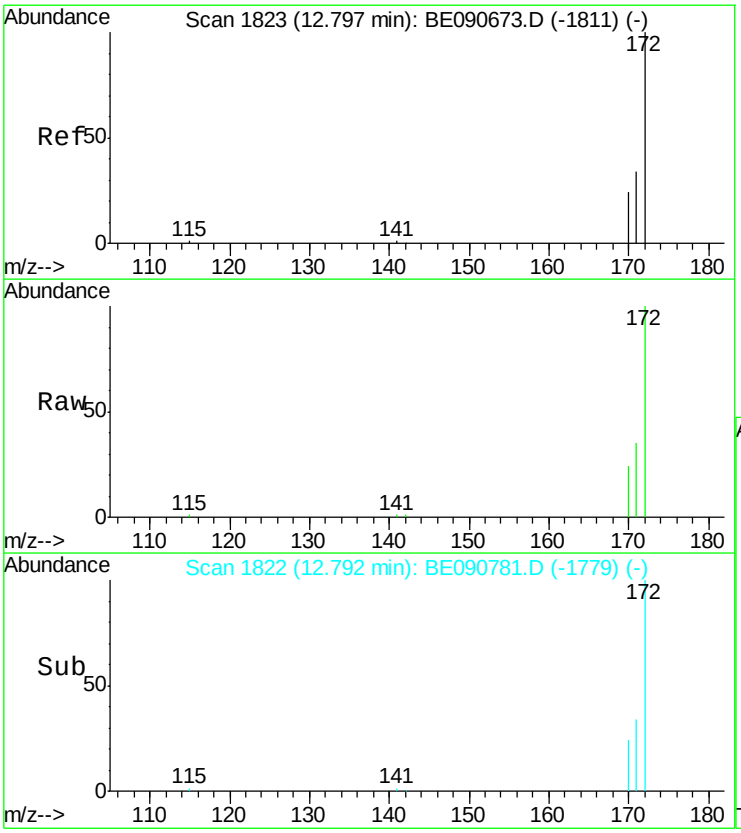
#13
2,4,6-Tribromophenol
Concen: 0.86 ng
RT: 15.67 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:330 Resp: 2779

Ion	Ratio	Lower	Upper
330	100		
332	95.6	74.9	112.3
141	165.8	145.2	217.8

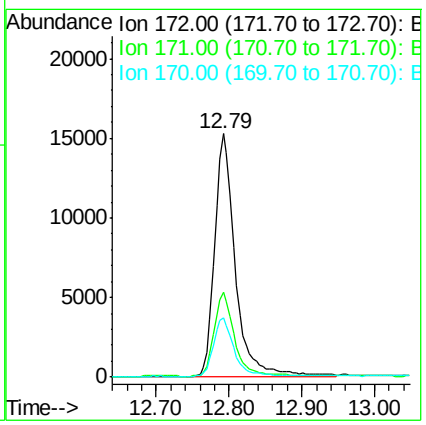


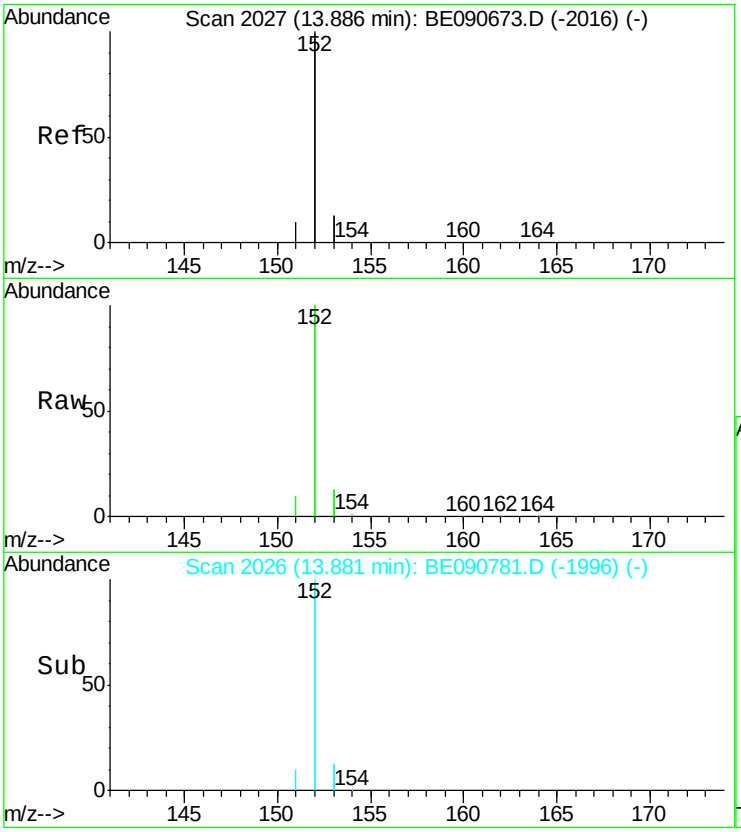


#14
2-Fluorobiphenyl
Concen: 0.82 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Tgt Ion:172 Resp: 29893

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.8
170	24.3	19.8	29.6



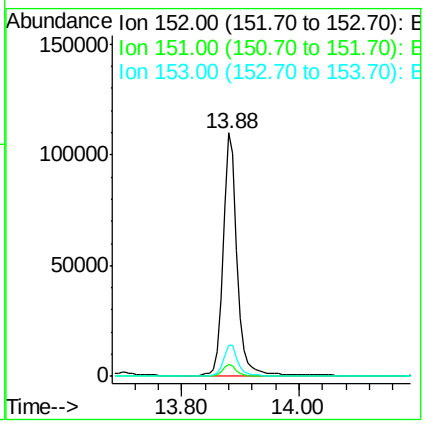


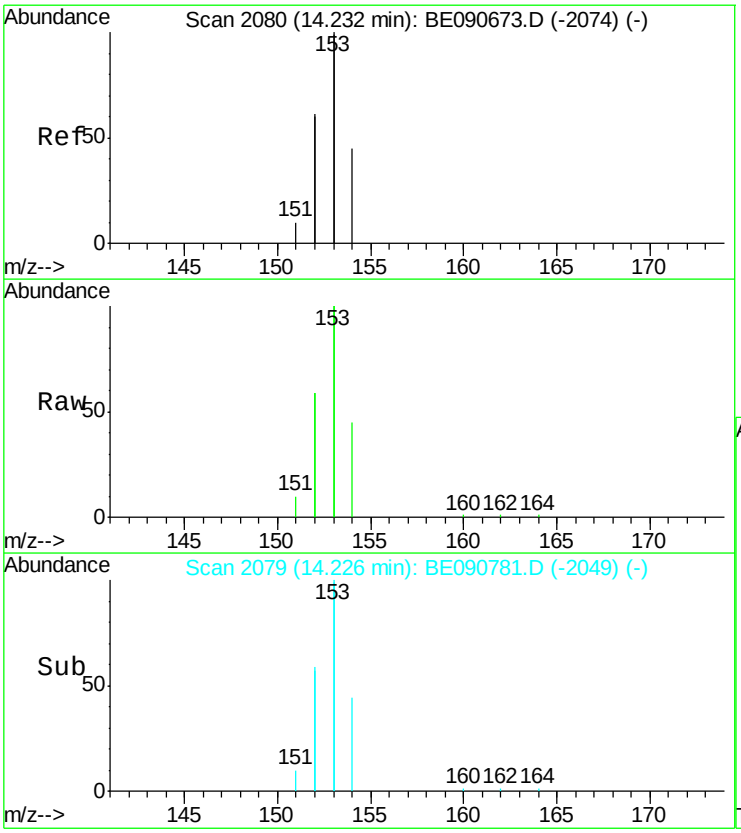
#15
Acenaphthylene
Concen: 0.85 ng
RT: 13.88 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 178125

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.9	5.9
153	13.0	10.3	15.5

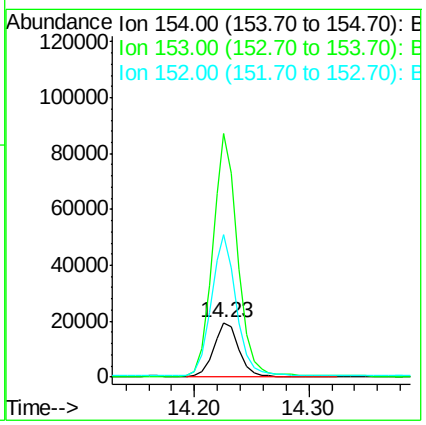


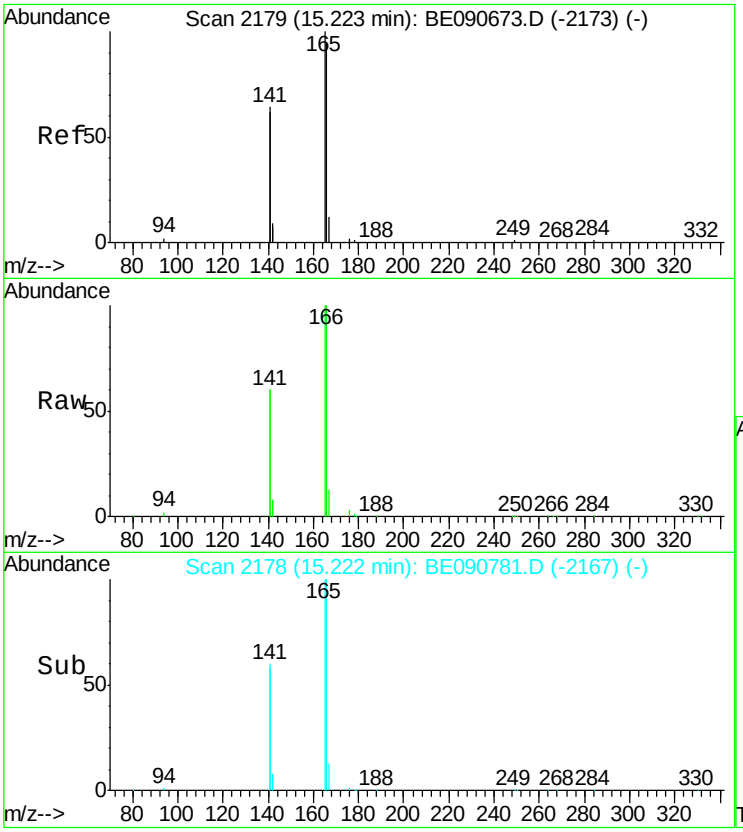


#16
Acenaphthene
Concen: 0.85 ng
RT: 14.23 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Tgt Ion:154 Resp: 29674

Ion	Ratio	Lower	Upper
154	100		
153	443.1	354.5	531.7
152	261.9	227.8	341.6



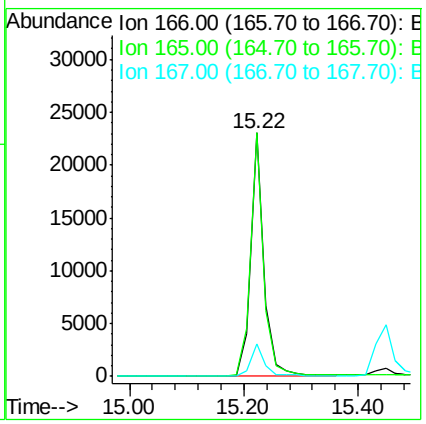


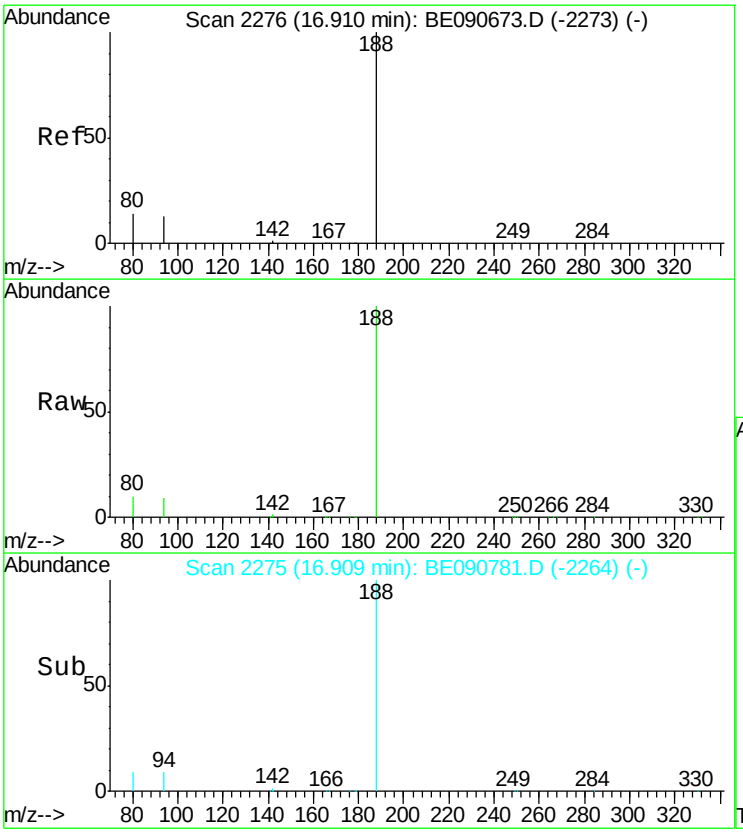
#17
Fluorene
Concen: 0.85 ng
RT: 15.22 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:166 Resp: 37340

Ion	Ratio	Lower	Upper
166	100		
165	100.2	82.7	124.1
167	13.3	10.7	16.1

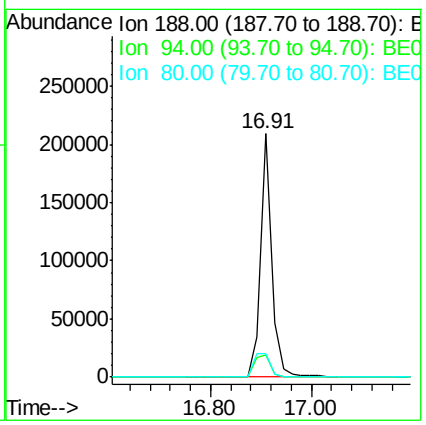


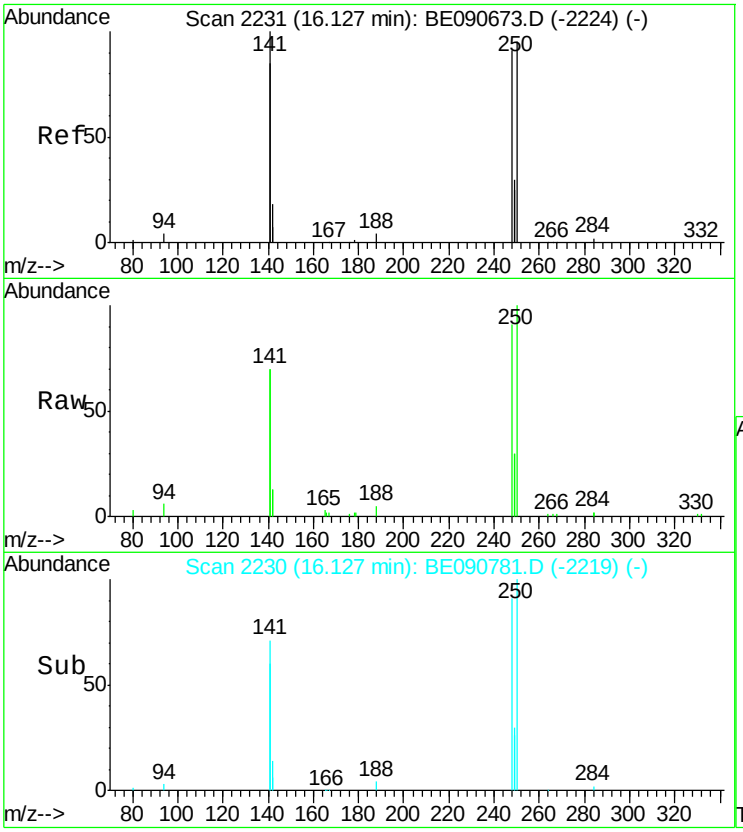


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Tgt Ion:188 Resp: 317655

Ion	Ratio	Lower	Upper
188	100		
94	9.1	10.3	15.5#
80	9.5	11.0	16.6#



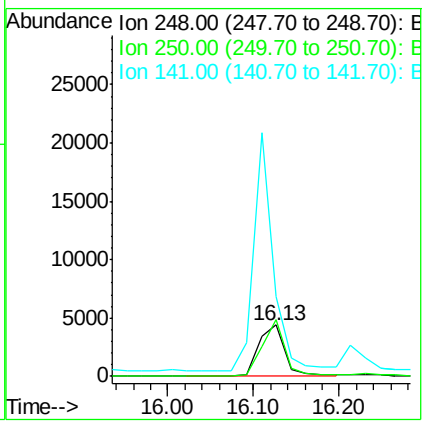


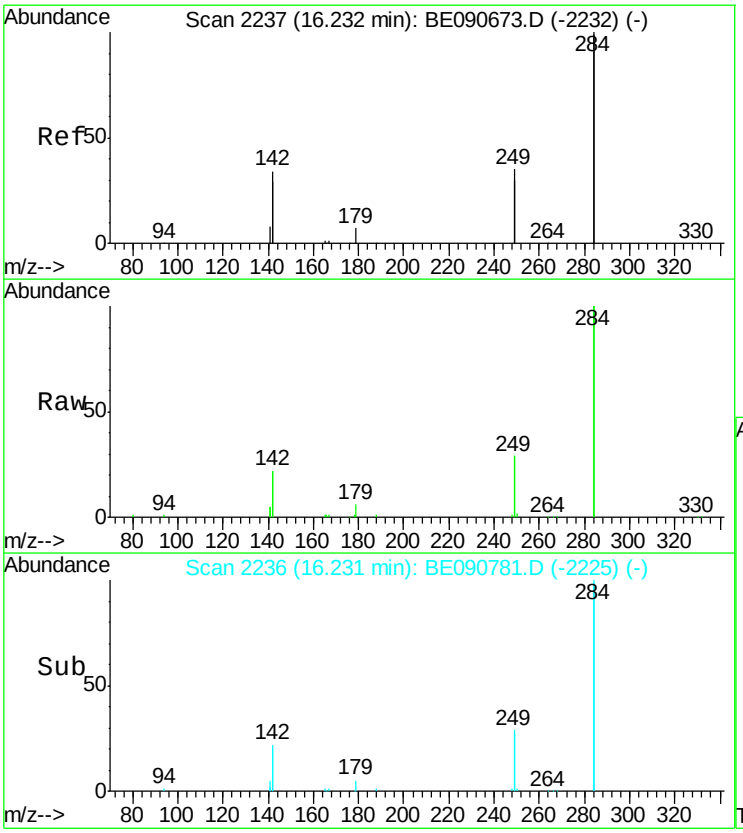
#19
4-Bromophenyl-phenylether
Concen: 0.84 ng
RT: 16.13 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:248 Resp: 9069

Ion	Ratio	Lower	Upper
248	100		
250	96.0	76.7	115.1
141	358.1	292.6	439.0

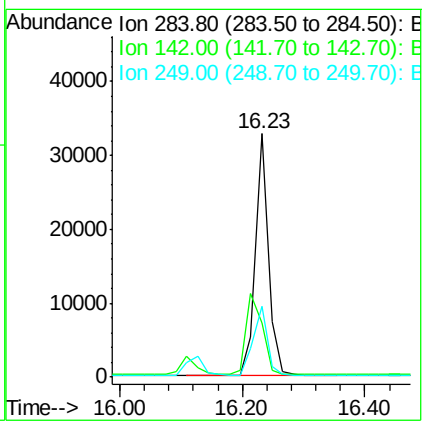


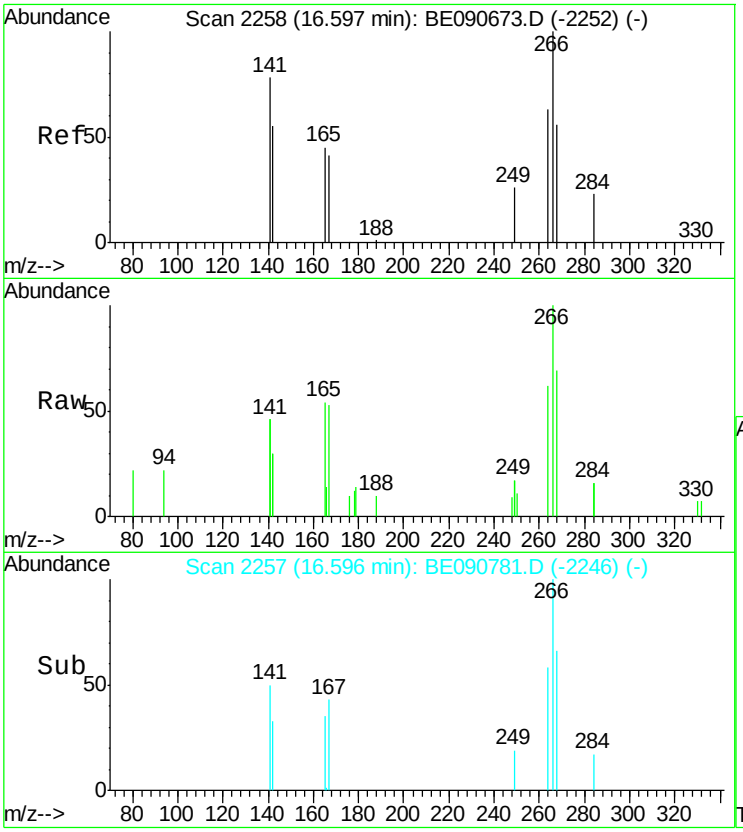


#20
Hexachlorobenzene
Concen: 0.83 ng
RT: 16.23 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Tgt Ion:284 Resp: 48463

Ion	Ratio	Lower	Upper
284	100		
142	41.1	35.0	52.4
249	30.8	25.5	38.3



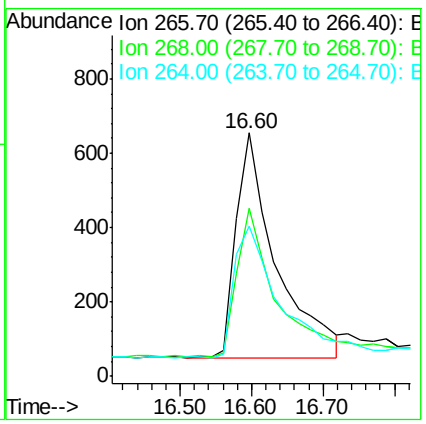


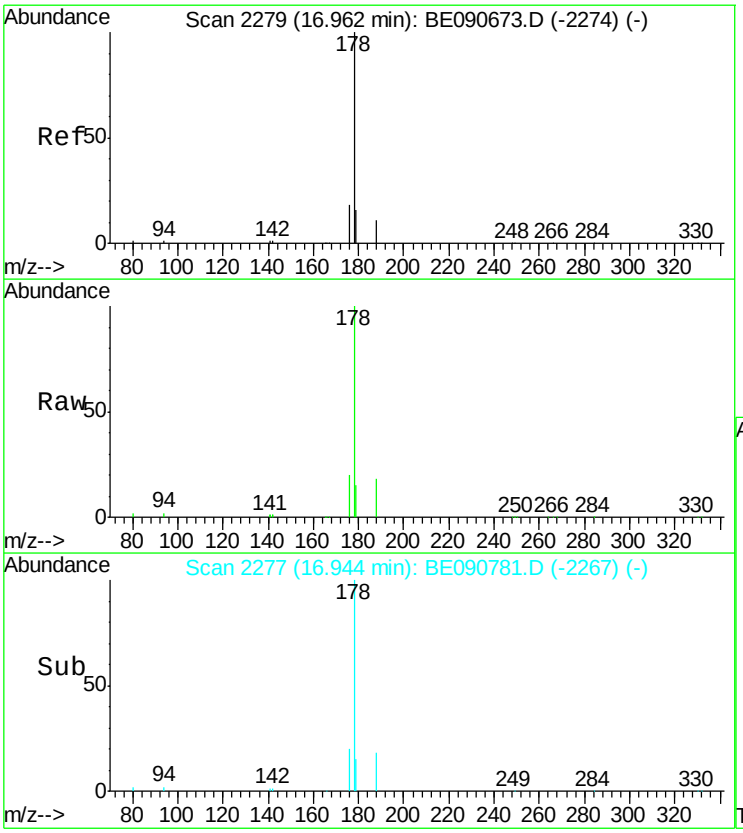
#21
Pentachlorophenol
Concen: 0.96 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:266 Resp: 2323

Ion	Ratio	Lower	Upper
266	100		
268	69.2	49.6	74.4
264	61.5	53.9	80.9

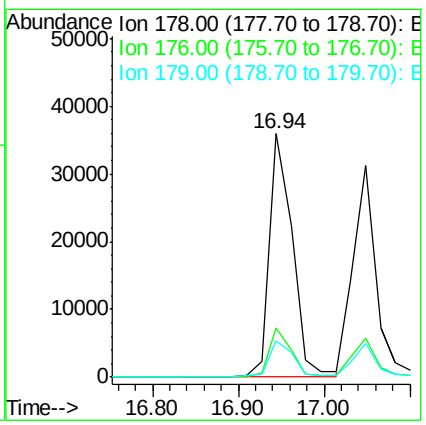


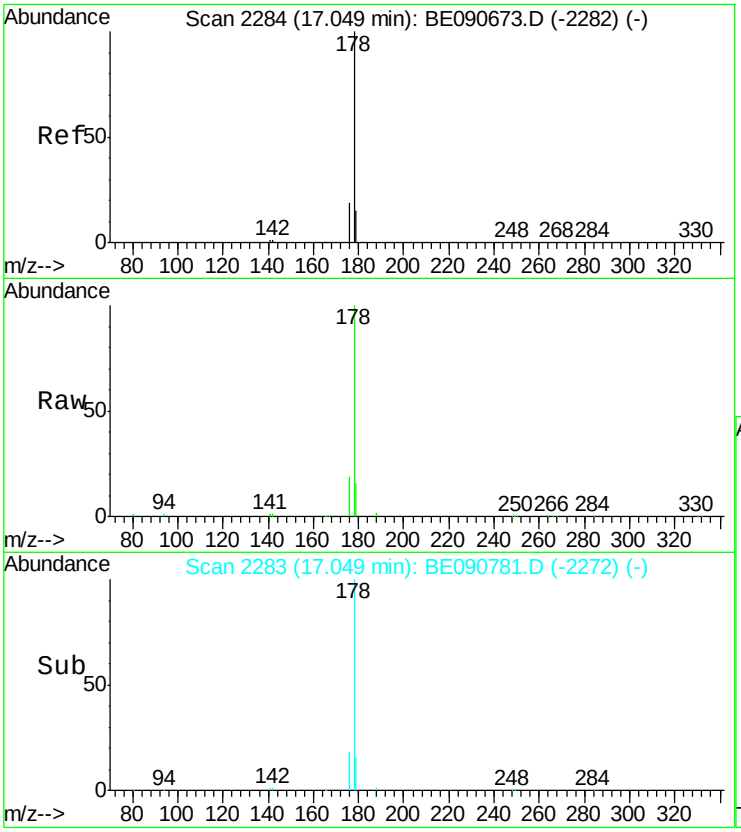


#22
Phenanthrene
Concen: 0.85 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Tgt Ion:178 Resp: 67153

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	15.7	12.8	19.2



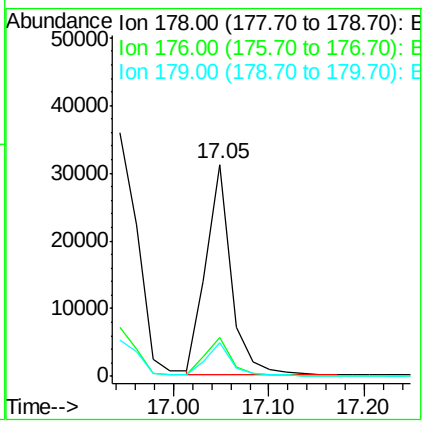


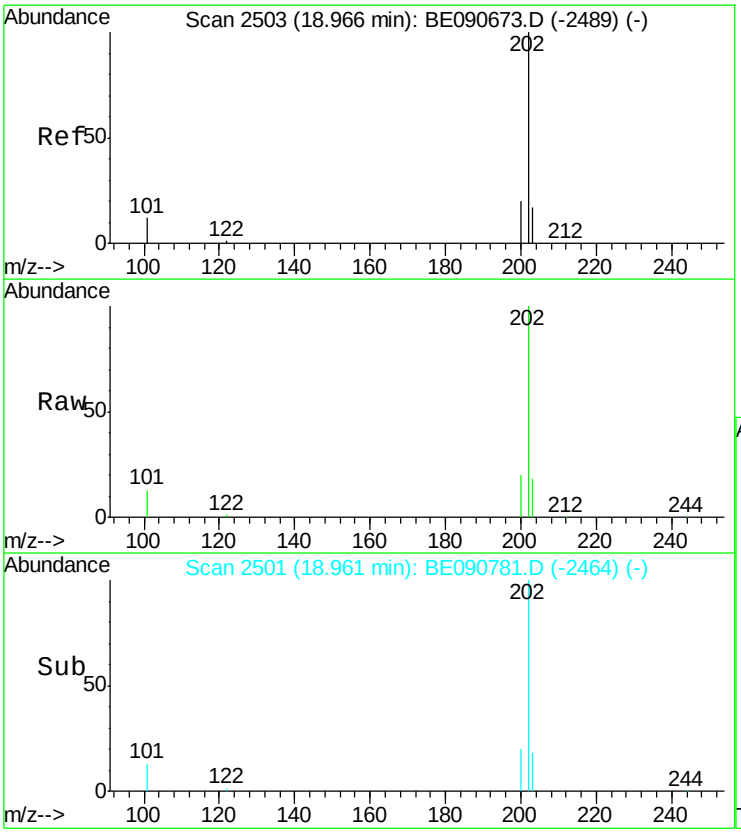
#23
Anthracene
Concen: 0.88 ng
RT: 17.05 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:178 Resp: 57658

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.6
179	15.3	12.3	18.5

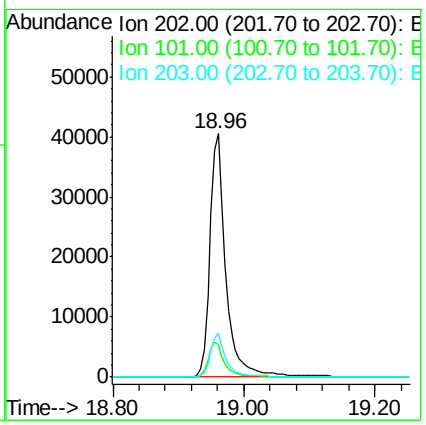


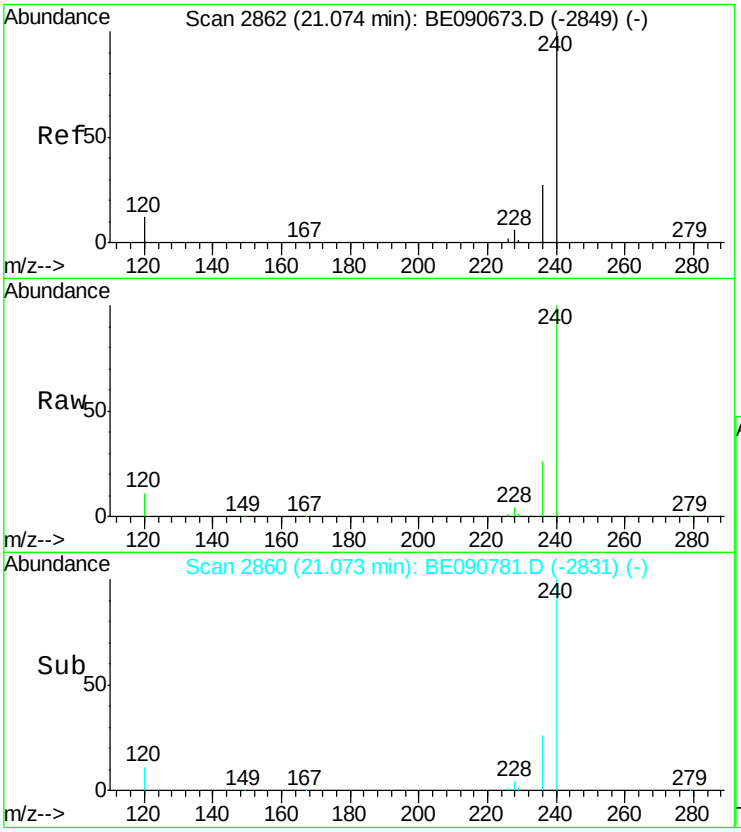


#24
Fluoranthene
Concen: 0.83 ng
RT: 18.96 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Tgt Ion:202 Resp: 68402

Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.0	16.6
203	17.3	13.9	20.9



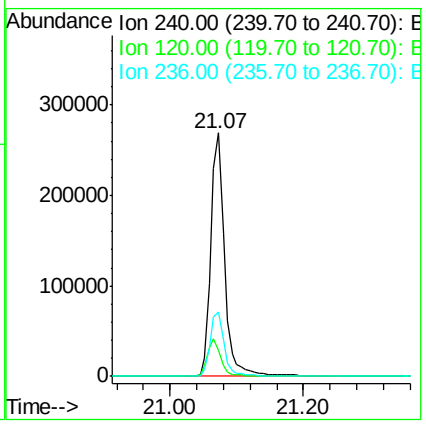


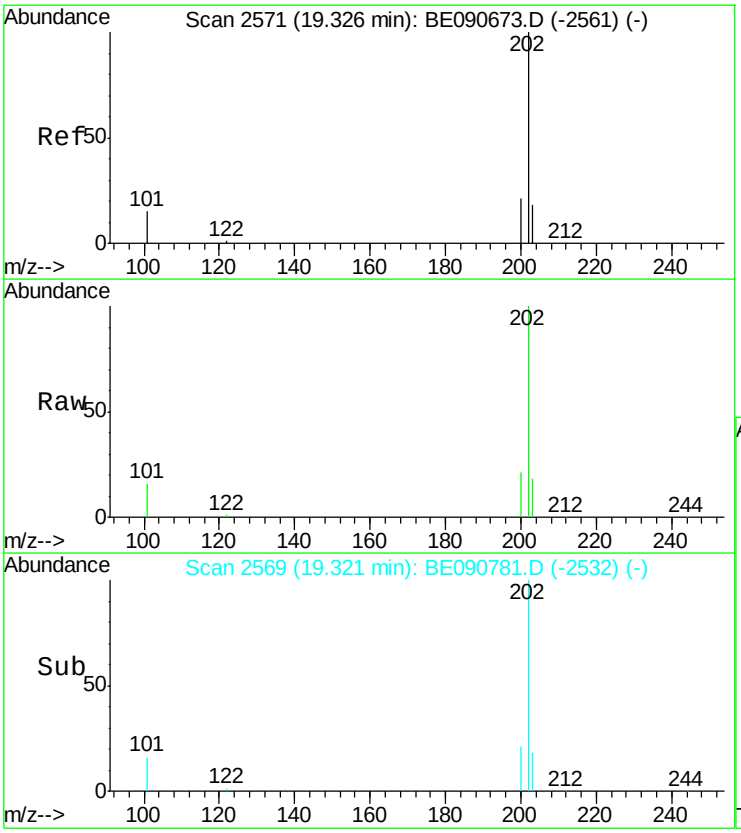
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:240 Resp: 379942

Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.1	15.1
236	26.3	21.9	32.9

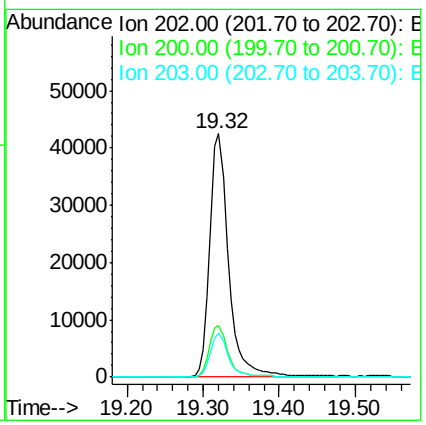


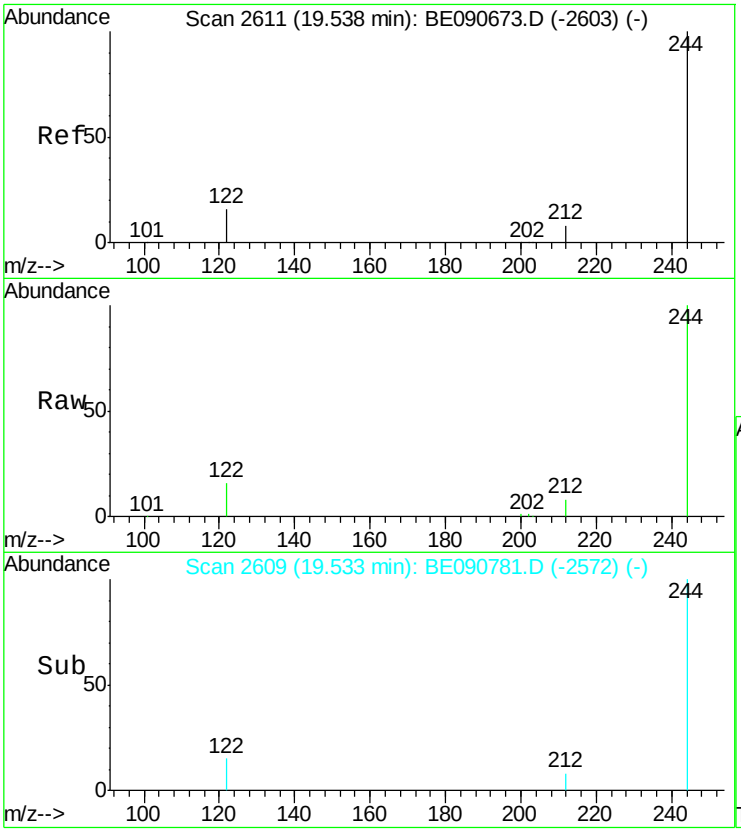


#26
Pyrene
Concen: 0.92 ng
RT: 19.32 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Tgt Ion:202 Resp: 72128

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.4	13.8	20.6



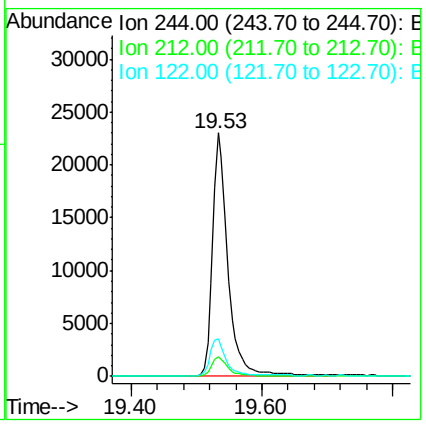


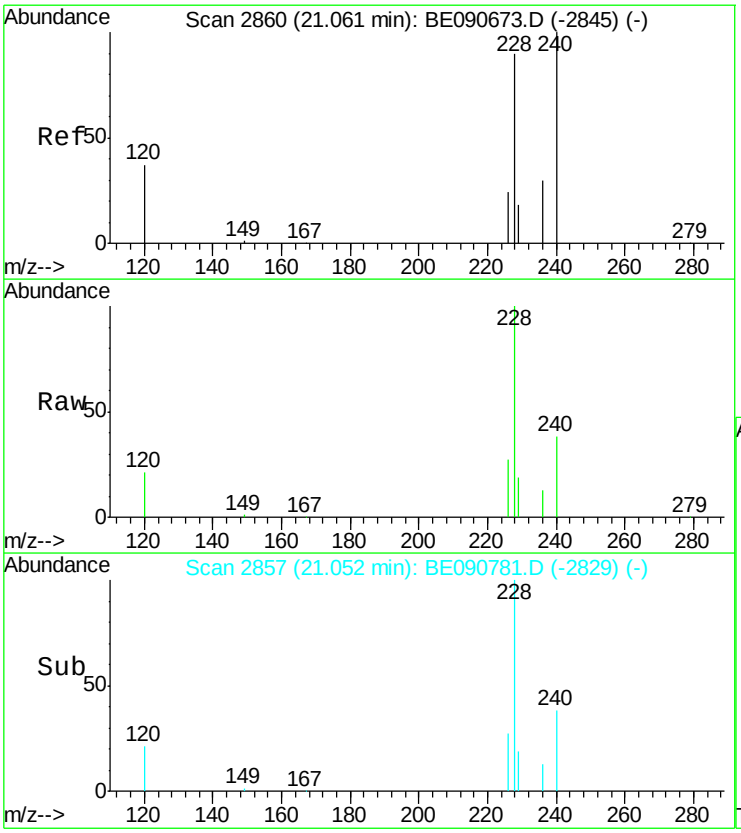
#27
Terphenyl-d14
Concen: 0.89 ng
RT: 19.53 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:244 Resp: 37443

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	15.6	12.9	19.3

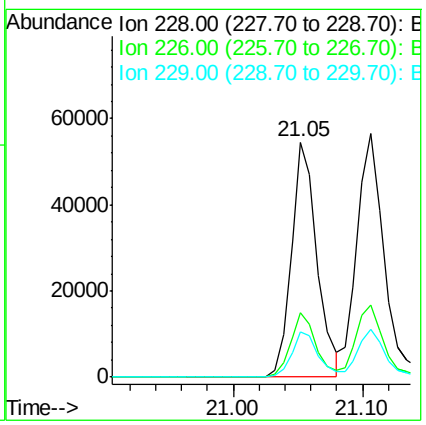


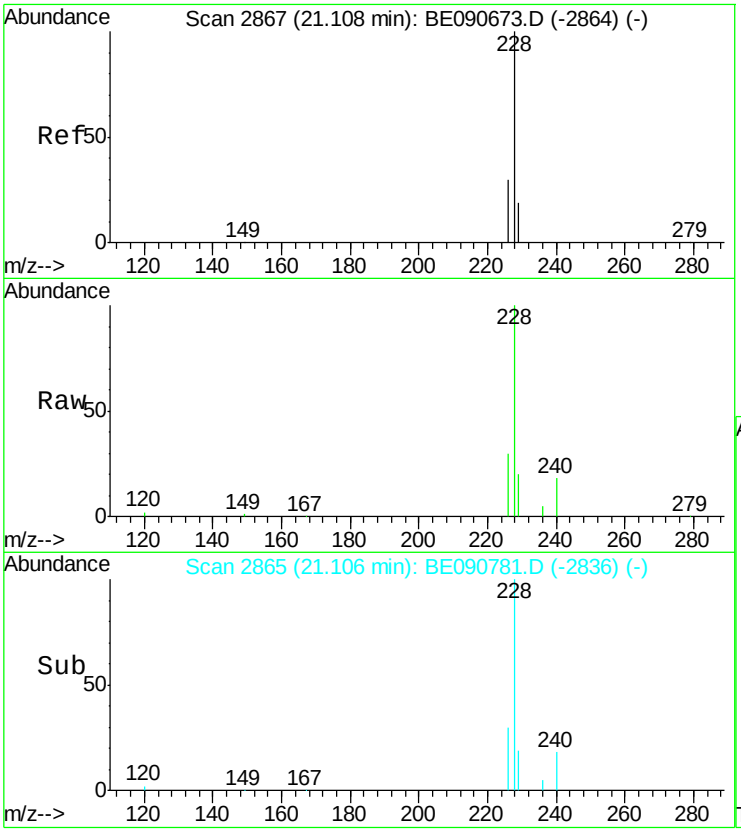


#28
Benzo(a)anthracene
Concen: 0.89 ng
RT: 21.05 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Tgt Ion:228 Resp: 74897

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.6	32.4
229	19.3	15.9	23.9



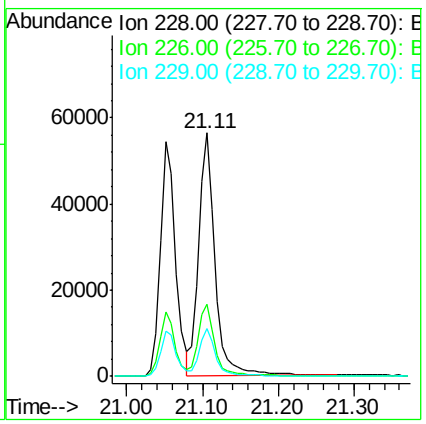


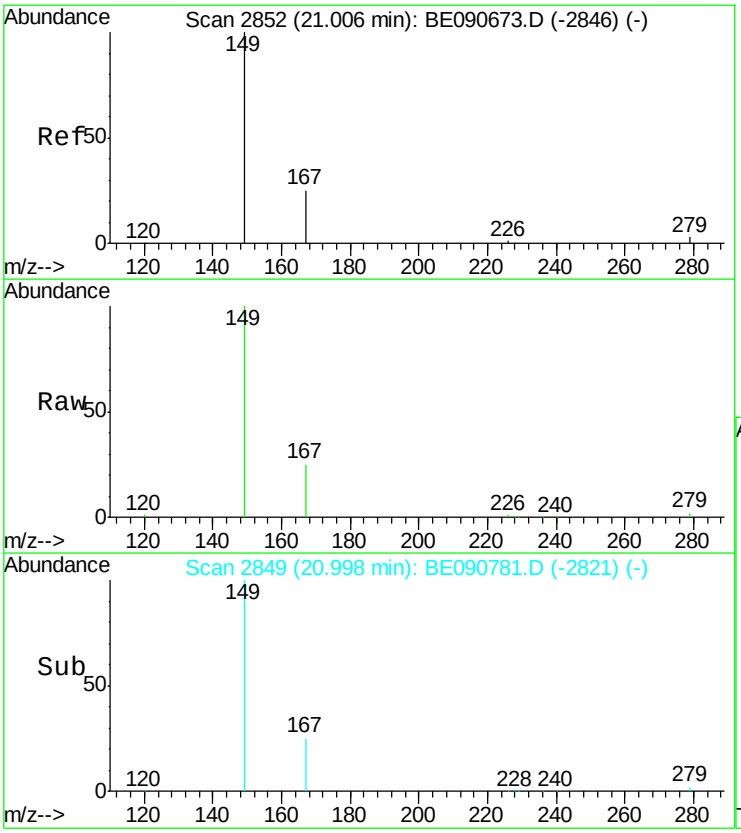
#29
Chrysene
Concen: 0.90 ng
RT: 21.11 min Scan# 2865
Delta R.T. -0.00 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:228 Resp: 84567

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.4
229	19.6	15.3	22.9

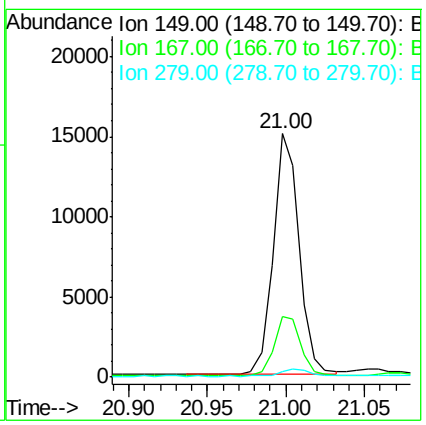


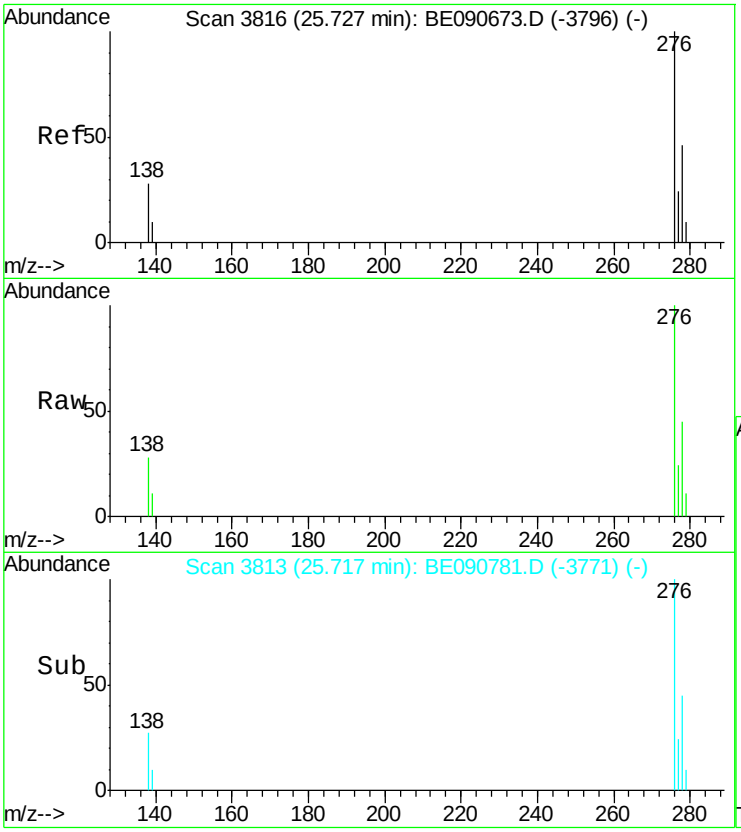


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.81 ng
RT: 21.00 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Tgt Ion:149 Resp: 17159

Ion	Ratio	Lower	Upper
149	100		
167	25.5	20.1	30.1
279	3.1	2.3	3.5



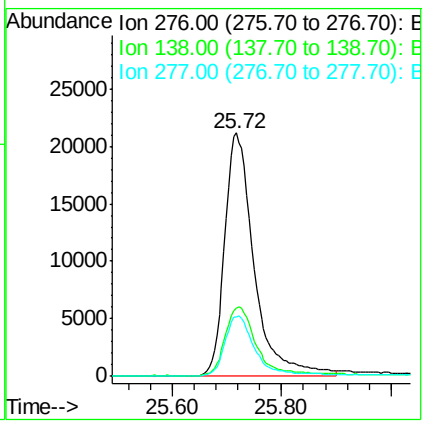


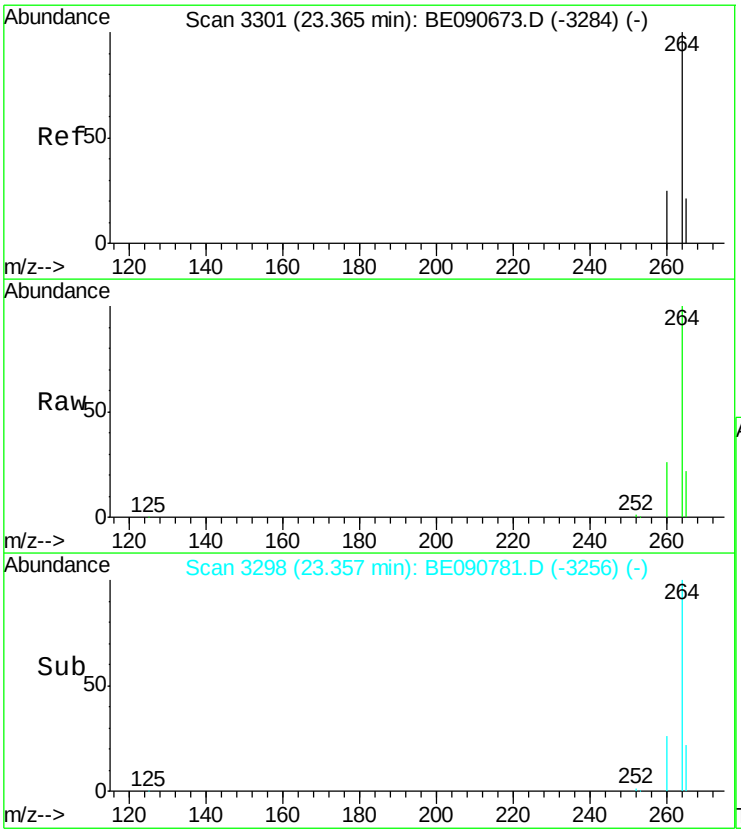
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.87 ng
RT: 25.72 min Scan# 3813
Delta R.T. -0.01 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 78396

Ion	Ratio	Lower	Upper
276	100		
138	29.6	23.3	34.9
277	25.0	19.8	29.6

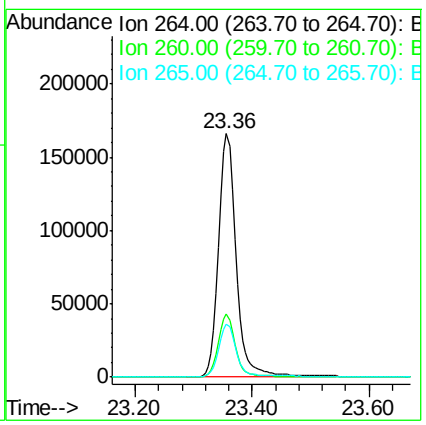


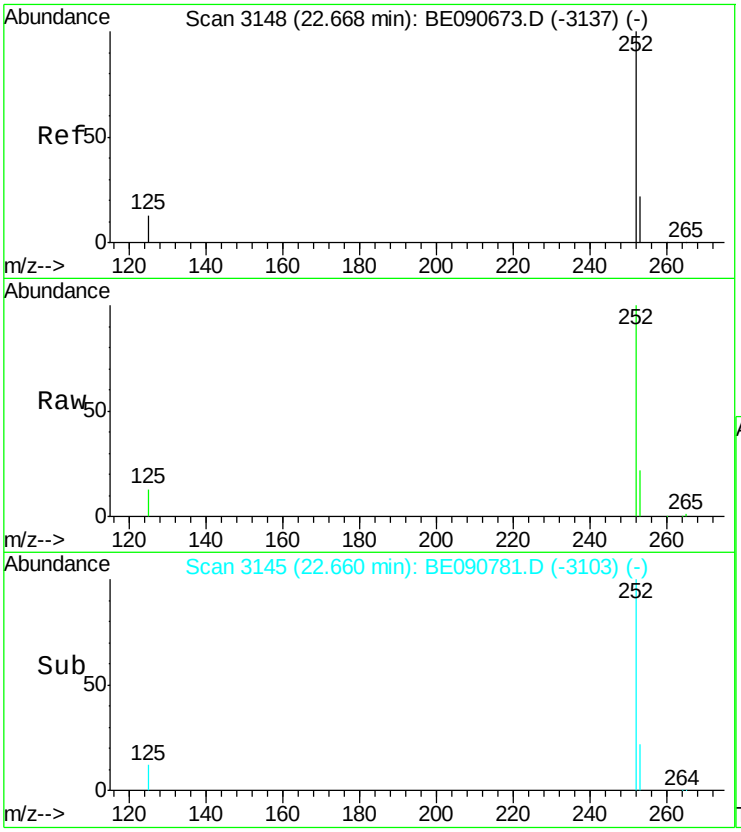


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3298
Delta R.T. -0.01 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Tgt Ion:264 Resp: 343476

Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.7	29.5
265	21.8	17.5	26.3



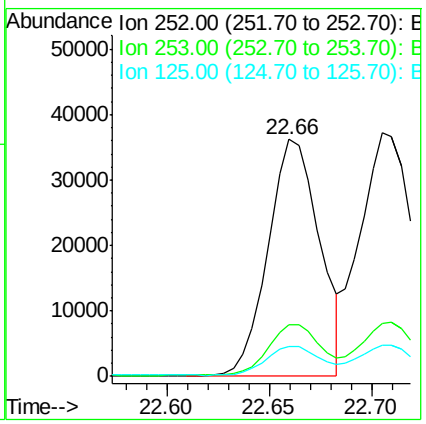


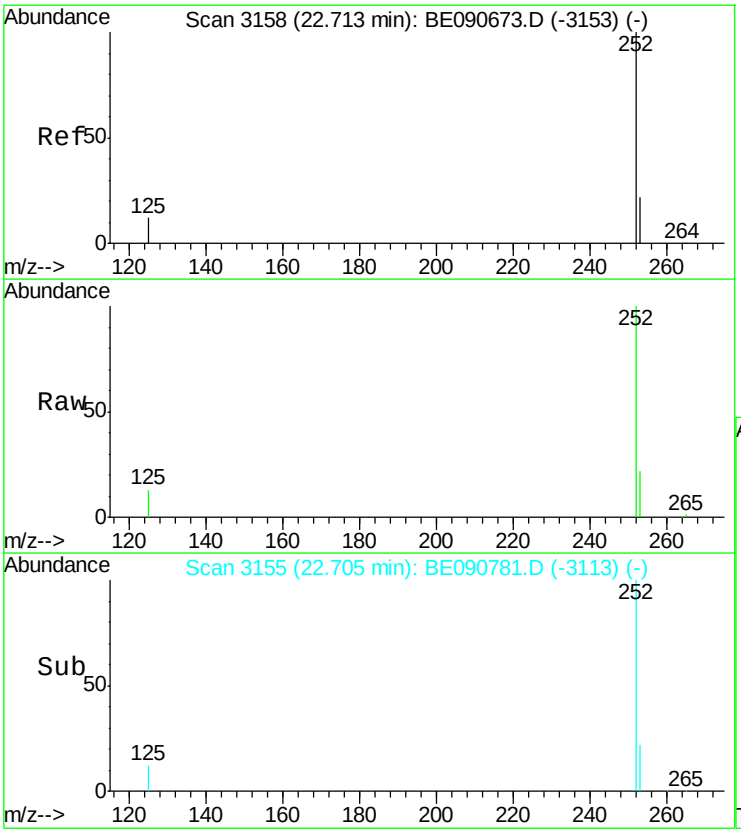
#33
Benzo(b)fluoranthene
Concen: 0.85 ng
RT: 22.66 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 63003

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	12.8	10.6	16.0

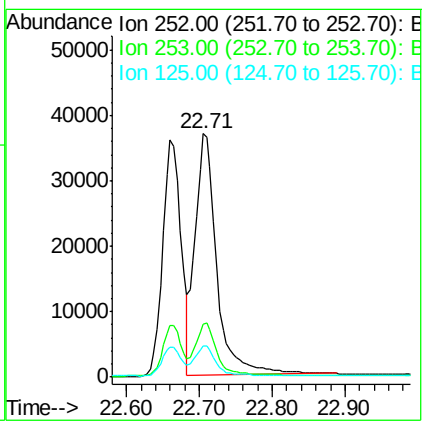


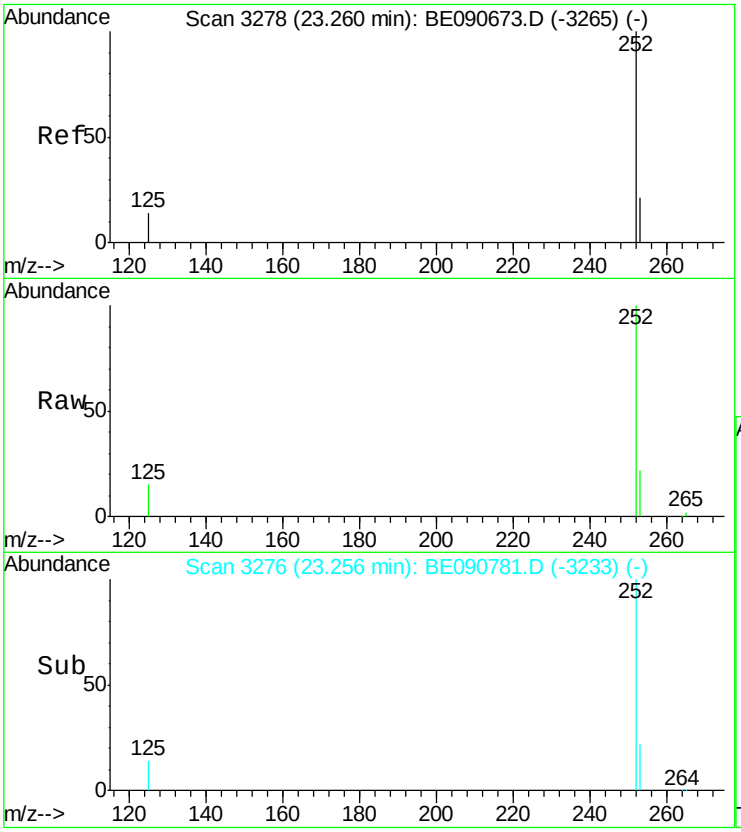


#34
Benzo(k)fluoranthene
Concen: 0.88 ng
RT: 22.71 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Tgt Ion:252 Resp: 76637

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	12.8	10.1	15.1



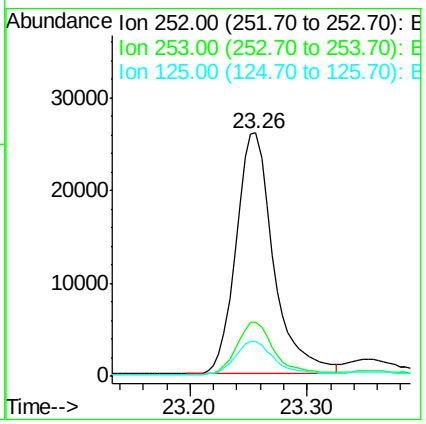


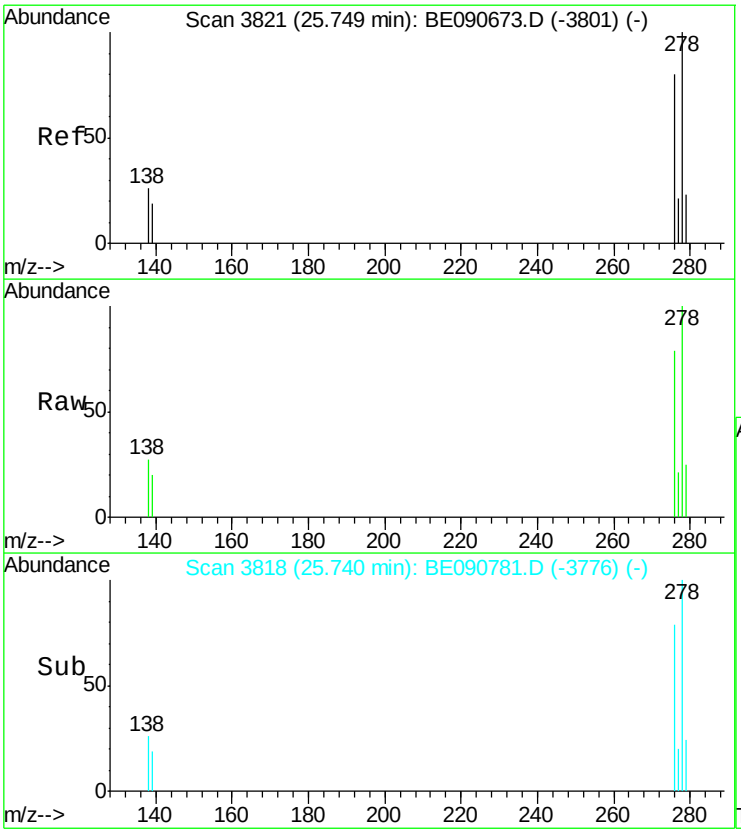
#35
Benzo(a)pyrene
Concen: 0.87 ng
RT: 23.26 min Scan# 3276
Delta R.T. -0.00 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 58140

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	14.5	11.6	17.4

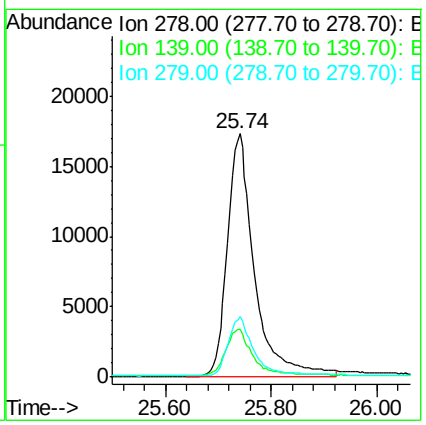


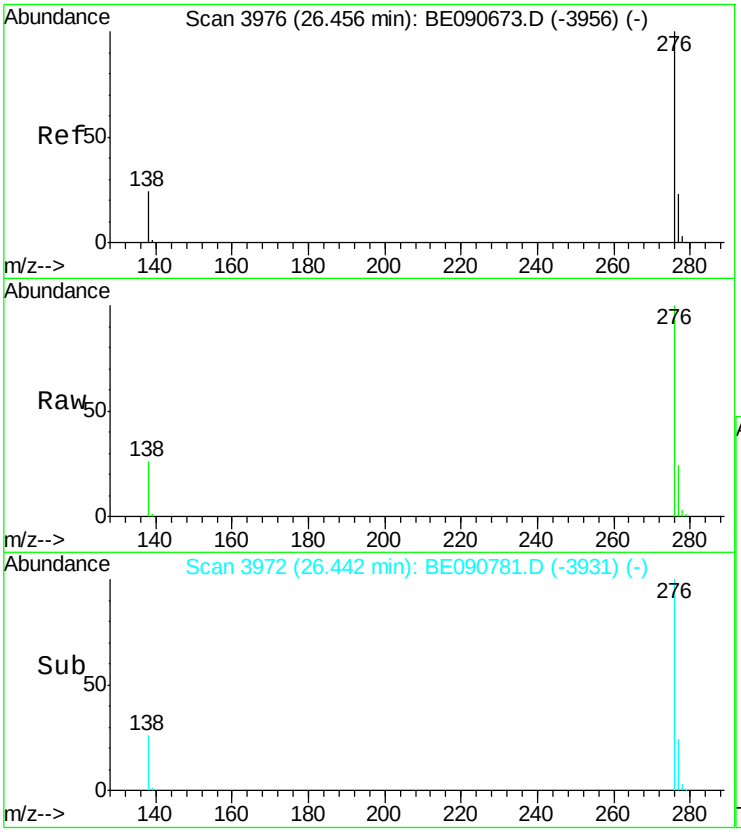


#36
Dibenzo(a,h)anthracene
Concen: 0.87 ng
RT: 25.74 min Scan# 3818
Delta R.T. -0.01 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Tgt Ion:278 Resp: 61166

Ion	Ratio	Lower	Upper
278	100		
139	19.6	15.4	23.0
279	24.6	18.8	28.2





#37
Benzo(g,h,i)perylene
Concen: 0.83 ng
RT: 26.44 min Scan# 3972
Delta R.T. -0.01 min
Lab File: BE090781.D
Acq: 11 Sep 2015 3:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 63500

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.5	27.7
138	26.1	20.1	30.1