Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
Data File : BE089999.D
Acq On : 30 Jun 2015 2:56
Operator : TP/IZ
Sample : G2810-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : X1SS0550006-150625

Quant Time: Jun 30 07:18:29 2015
Quant Method : Z:\HPCHEM1\BNA_M\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	7.62	152	19928	5.00	ng		0.00
6) Naphthalene-d8	10.38	136	87176	5.00	ng		0.00
12) Acenaphthene-d10	14.23	164	51567	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	121612	5.00	ng		0.00
25) Chrysene-d12	21.13	240	150465	5.00	ng		0.00
32) Perylene-d12	23.45	264	148455	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	33459	7.31	ng		0.00
5) Phenol-d6	6.80	99	50232	7.84	ng		0.00
7) Nitrobenzene-d5	8.76	82	30929	4.47	ng		0.00
13) 2,4,6-Tribromophenol	15.73	330	10422	6.90	ng		0.00
14) 2-Fluorobiphenyl	12.86	172	73197	4.72	ng		0.00
27) Terphenyl-d14	19.59	244	123633	4.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	85	0.03	ng	#	43
3) n-Nitrosodimethylamine	3.46	42	243	0.07	ng	#	1
9) Naphthalene	10.43	128	4177	0.21	ng		97
11) 2-Methylnaphthalene	12.04	142	891	0.07	ng		94
16) Acenaphthene	14.29	154	3183	0.24	ng		95
17) Fluorene	15.29	166	3284	0.18	ng	#	95
21) Pentachlorophenol	16.63	266	20	0.27	ng	#	57
22) Phenanthrene	17.01	178	230993	7.41	ng		100
23) Anthracene	17.01	178	231010	8.10	ng		98
24) Fluoranthene	19.01	202	452942	13.02	ng		99
26) Pyrene	19.37	202	379669	10.59	ng		97
28) Benzo(a)anthracene	21.11	228	227612	6.06	ng		99
29) Chrysene	21.16	228	245536	6.29	ng		97
30) Bis(2-ethylhexyl)phthalate	21.06	149	1376	0.38	ng	#	99
31) Indeno(1,2,3-cd)pyrene	25.86	276	91470	2.44	ng		96
33) Benzo(b)fluoranthene	22.75	252	259085	7.91	ng		99
34) Benzo(k)fluoranthene	22.75	252	259085	7.08	ng		99
35) Benzo(a)pyrene	23.35	252	163597	5.41	ng		99
36) Dibenzo(a,h)anthracene	25.87	278	24626	0.79	ng		98
37) Benzo(g,h,i)perylene	26.60	276	87421	2.78	ng		99

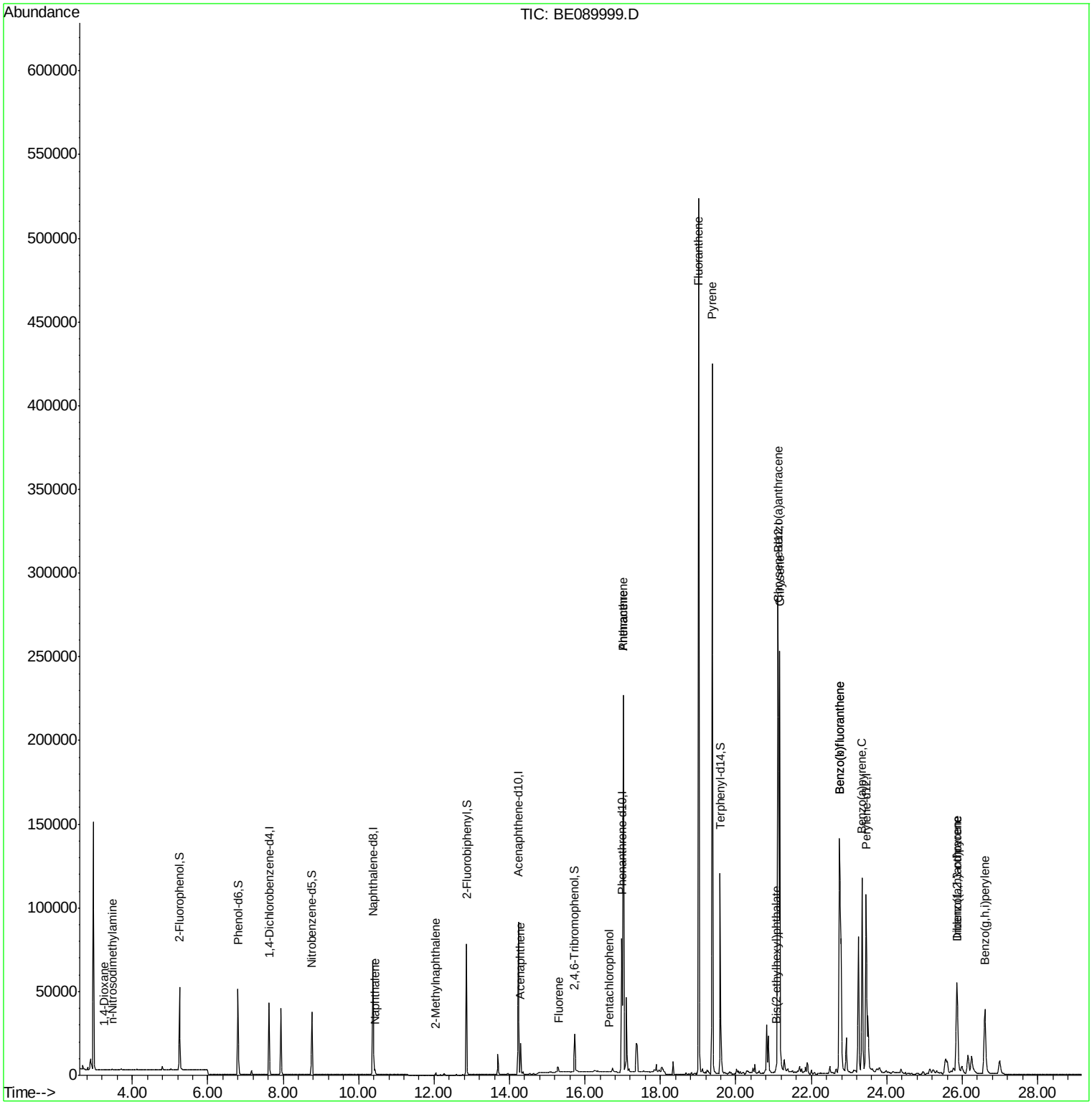
(#) = qualifier out of range (m) = manual integration (+) = signals summed

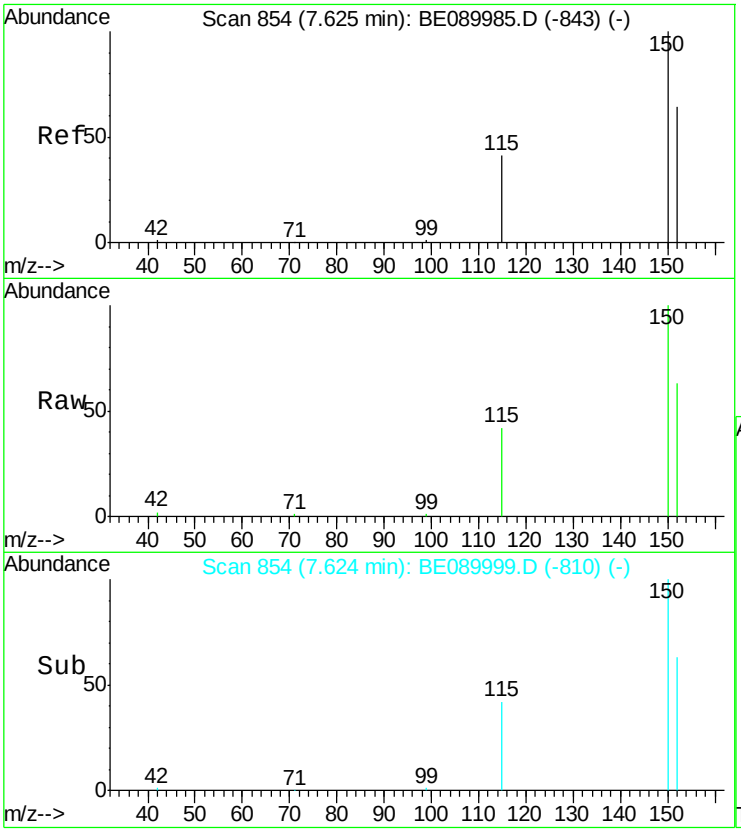
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
Data File : BE089999.D
Acq On : 30 Jun 2015 2:56
Operator : TP/IZ
Sample : G2810-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
X1SS0550006-150625

Quant Time: Jun 30 07:18:29 2015
Quant Method : Z:\HPCHEM1\BNA_M\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



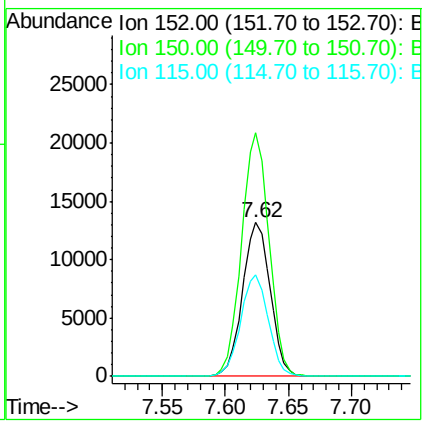


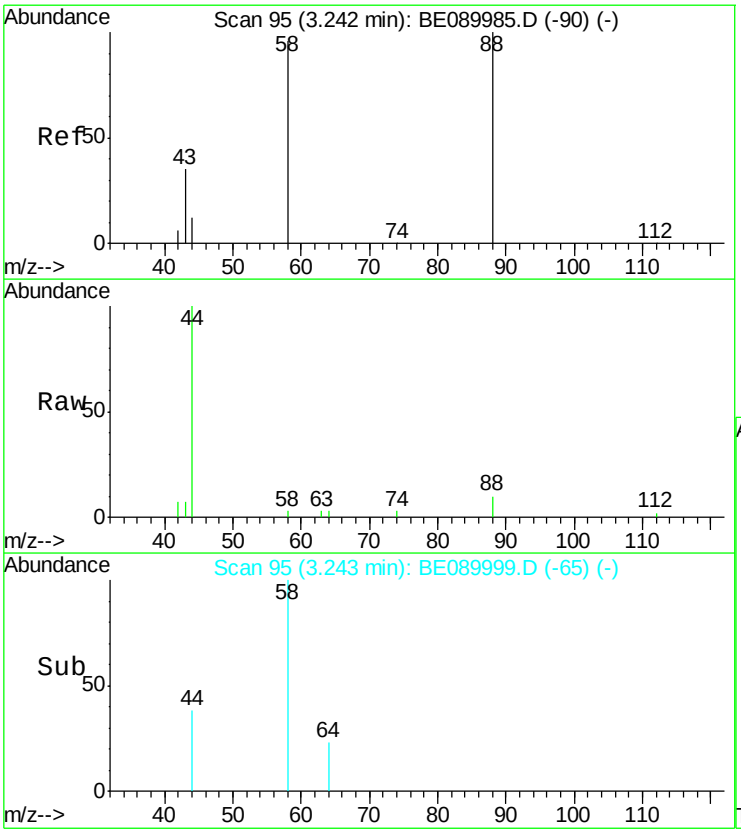
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.62 min Scan# 854
Delta R.T. -0.00 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Instrument :
BNA_E
ClientSampleId :
X1SS0550006-150625

Tgt Ion:152 Resp: 19928

Ion	Ratio	Lower	Upper
152	100		
150	158.6	123.9	185.9
115	66.3	50.6	76.0

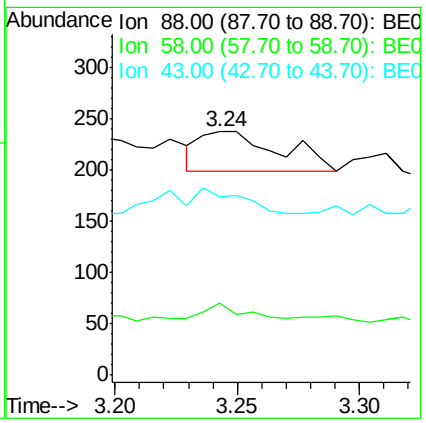


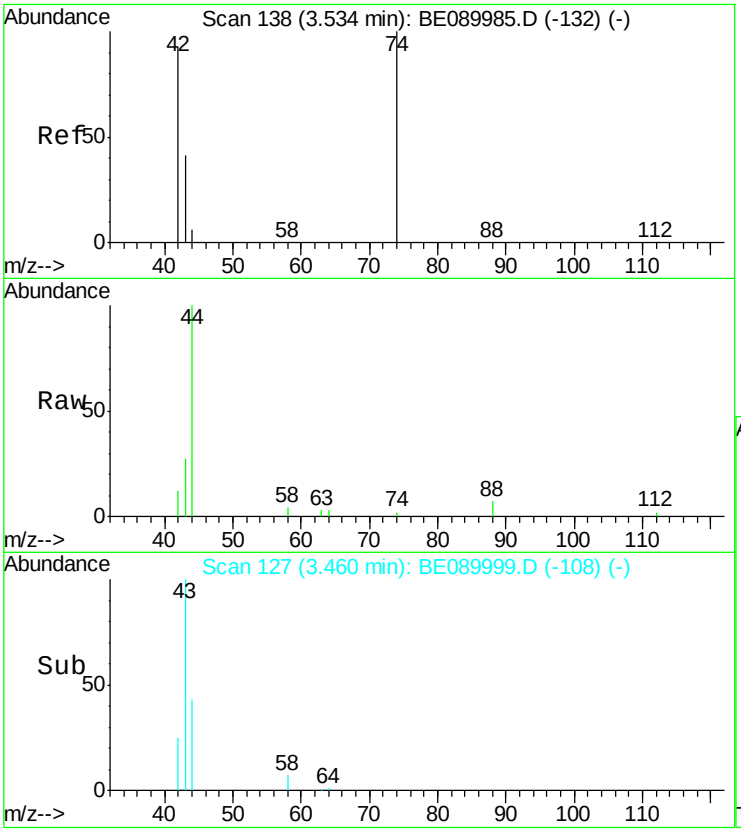


#2
1,4-Dioxane
Concen: 0.03 ng
RT: 3.24 min Scan# 95
Delta R.T. 0.00 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Tgt Ion: 88 Resp: 85

Ion	Ratio	Lower	Upper
88	100		
58	16.5	70.9	106.3#
43	36.5	27.6	41.4



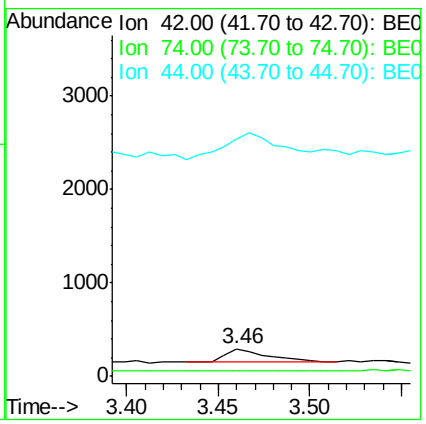


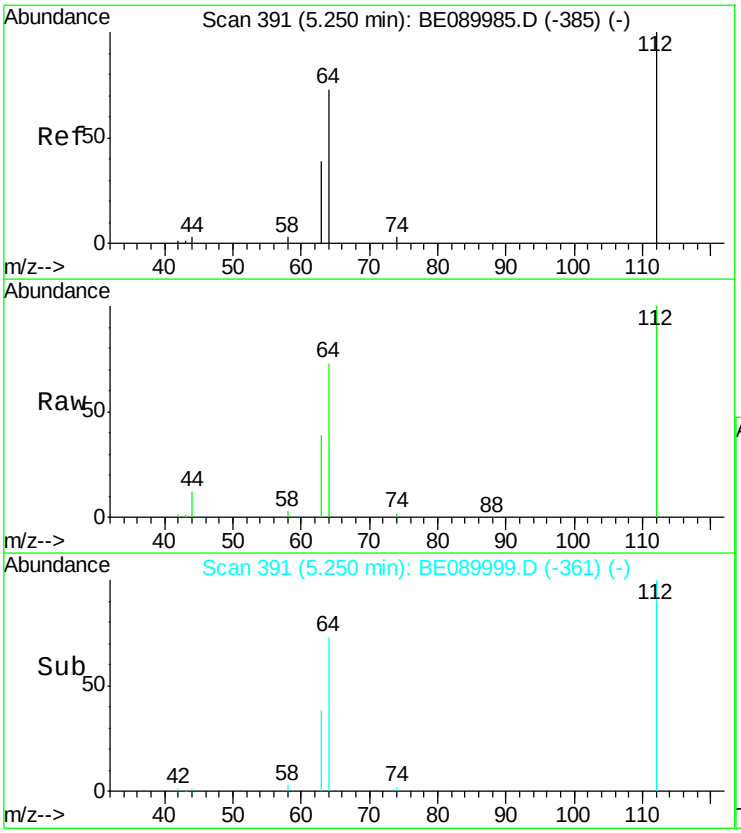
#3
n-Nitrosodimethylamine
Concen: 0.07 ng
RT: 3.46 min Scan# 127
Delta R.T. -0.07 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Instrument :
BNA_E
ClientSampleId :
X1SS0550006-150625

Tgt Ion: 42 Resp: 243

Ion	Ratio	Lower	Upper
42	100		
74	7.8	89.4	134.2#
44	239.9	6.9	10.3#

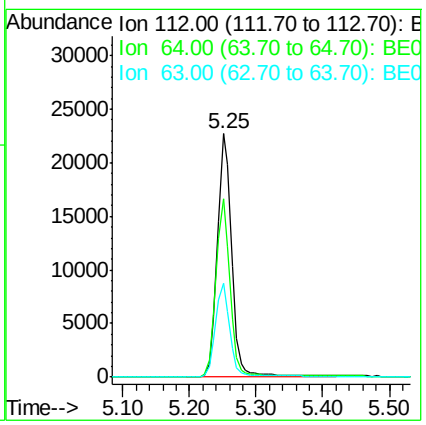


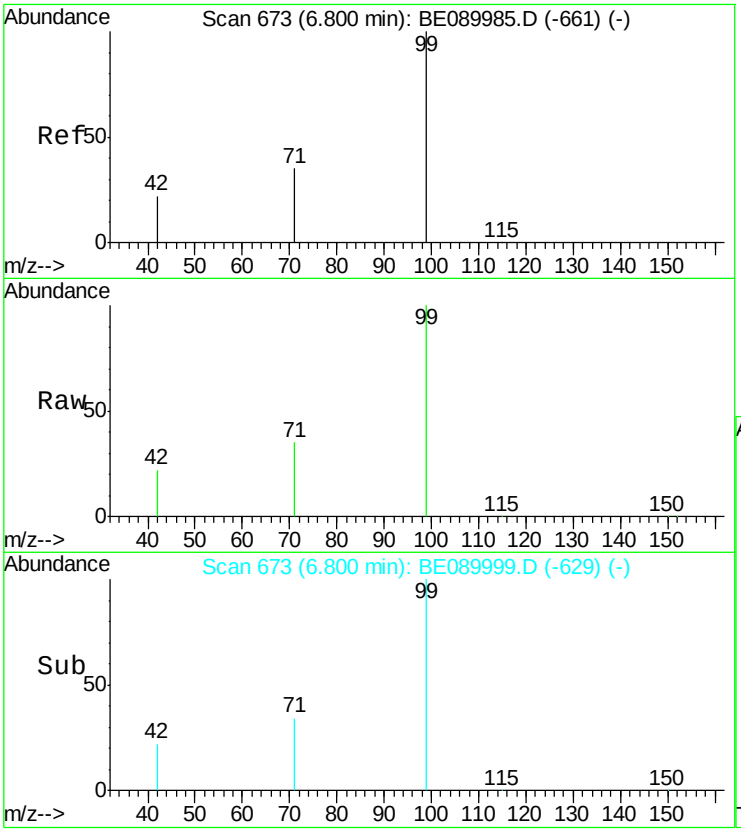


#4
2-Fluorophenol
Concen: 7.31 ng
RT: 5.25 min Scan# 391
Delta R.T. 0.00 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Tgt Ion:112 Resp: 33459

Ion	Ratio	Lower	Upper
112	100		
64	72.1	56.3	84.5
63	37.8	29.8	44.6



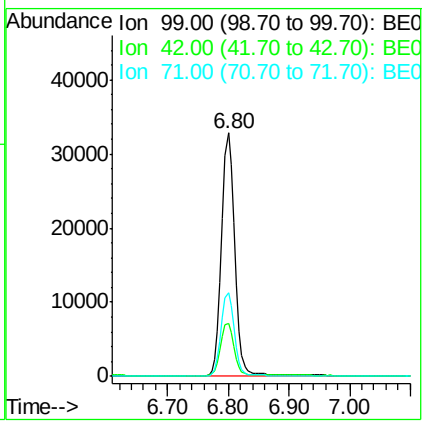


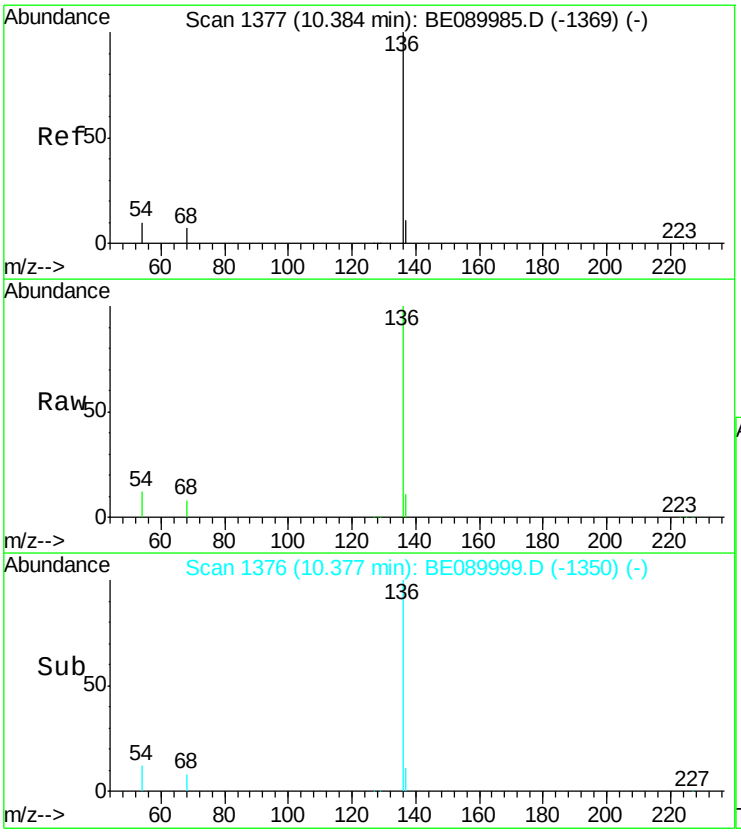
#5
Phenol-d6
Concen: 7.84 ng
RT: 6.80 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Instrument :
BNA_E
ClientSampleId :
X1SS0550006-150625

Tgt Ion: 99 Resp: 50232

Ion	Ratio	Lower	Upper
99	100		
42	22.0	18.7	28.1
71	34.2	27.5	41.3

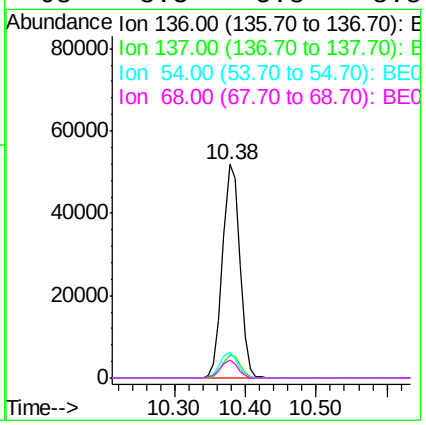


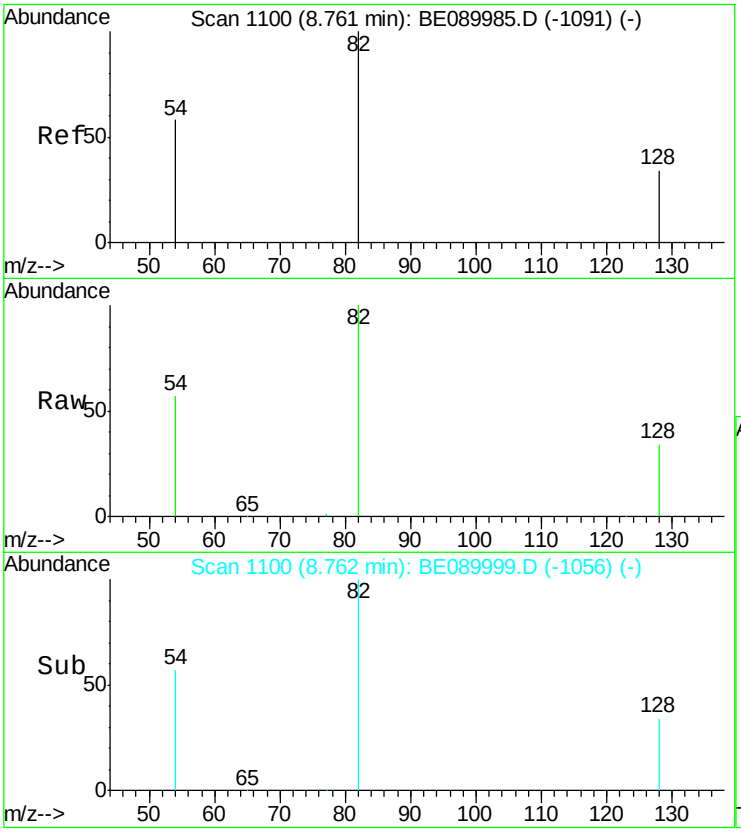


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.38 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Tgt Ion:136 Resp: 87176

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	12.3	8.2	12.4
68	8.3	5.8	8.8



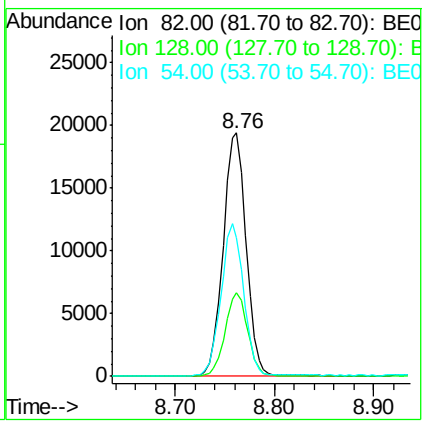


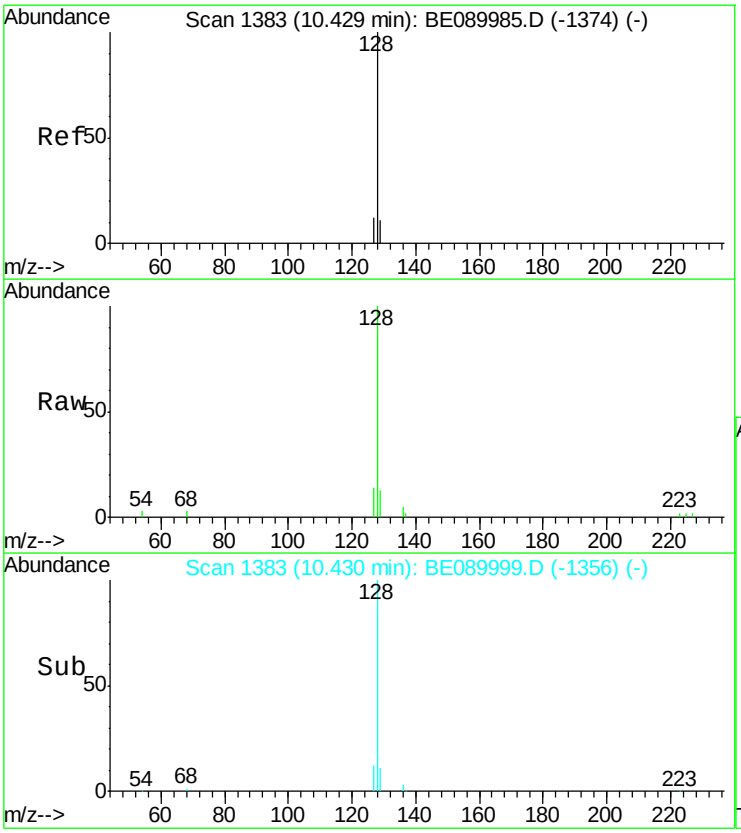
#7
Nitrobenzene-d5
Concen: 4.47 ng
RT: 8.76 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Instrument :
BNA_E
ClientSampleId :
X1SS0550006-150625

Tgt Ion: 82 Resp: 30929

Ion	Ratio	Lower	Upper
82	100		
128	34.5	28.0	42.0
54	56.9	47.6	71.4

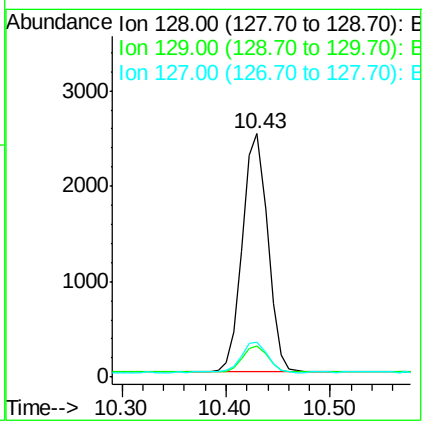


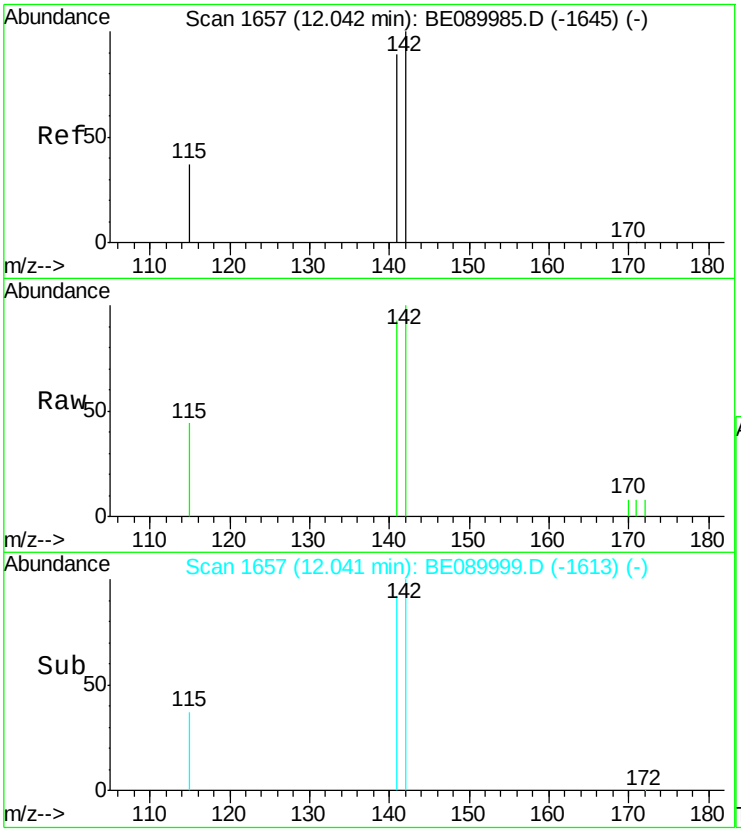


#9
Naphthalene
Concen: 0.21 ng
RT: 10.43 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Tgt Ion:128 Resp: 4177

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.3	13.9
127	14.2	10.2	15.4



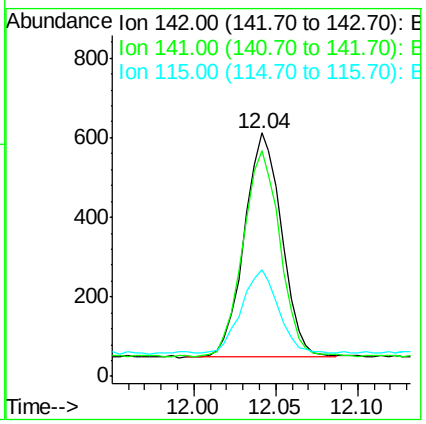


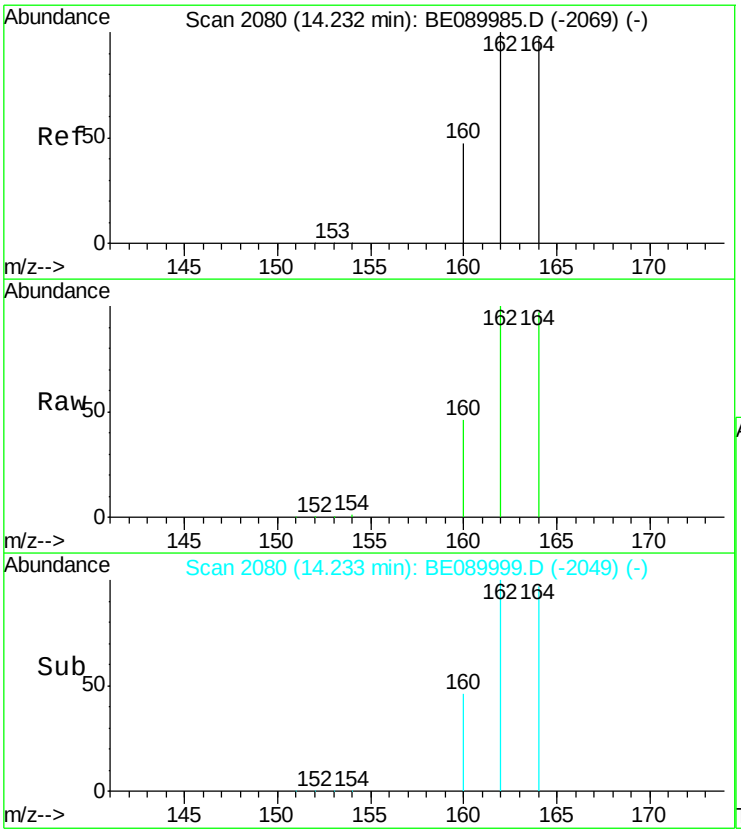
#11
2-Methylnaphthalene
Concen: 0.07 ng
RT: 12.04 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Instrument :
BNA_E
ClientSampleId :
X1SS0550006-150625

Tgt Ion:142 Resp: 891

Ion	Ratio	Lower	Upper
142	100		
141	92.6	71.3	106.9
115	43.8	30.4	45.6

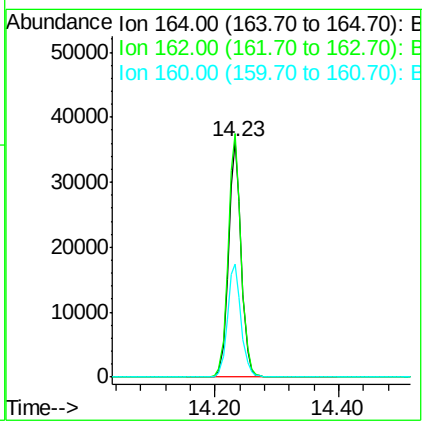


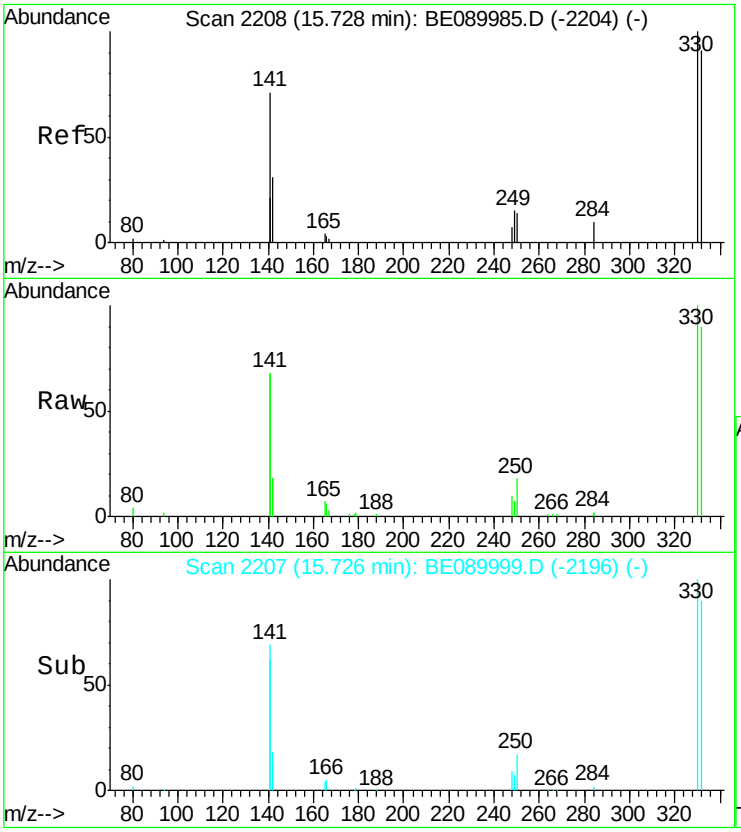


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.23 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Tgt Ion:164 Resp: 51567

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.2	123.4
160	47.9	39.0	58.6



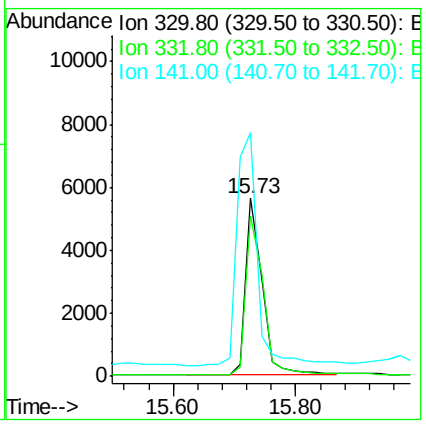


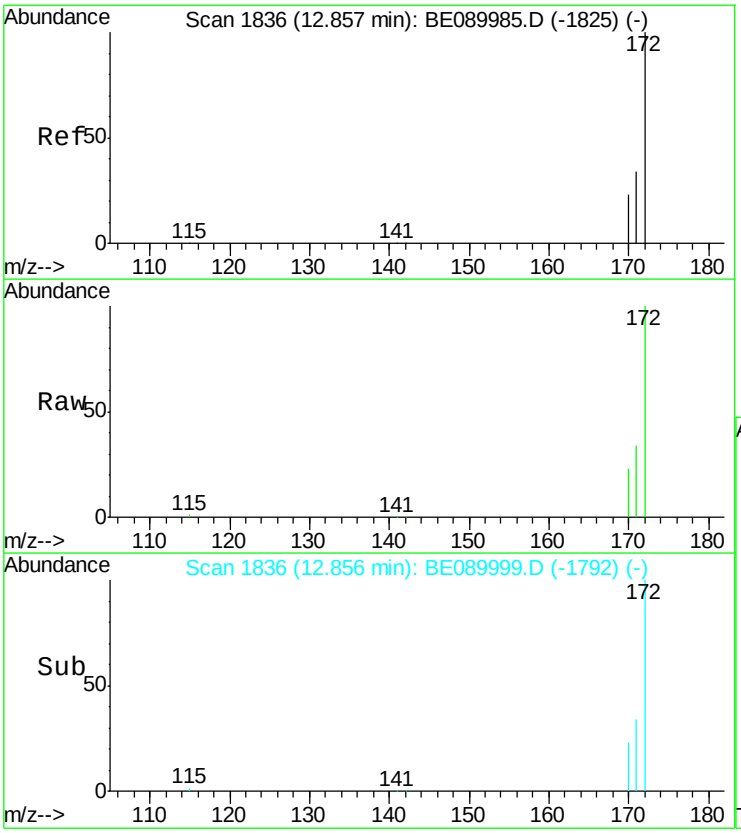
#13
2,4,6-Tribromophenol
Concen: 6.90 ng
RT: 15.73 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Instrument :
BNA_E
ClientSampleId :
X1SS0550006-150625

Tgt Ion:330 Resp: 10422

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.4	114.6
141	166.1	130.3	195.5

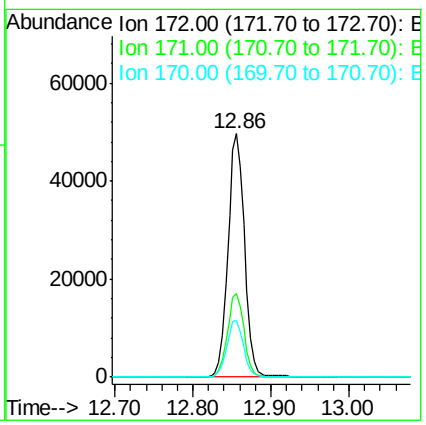


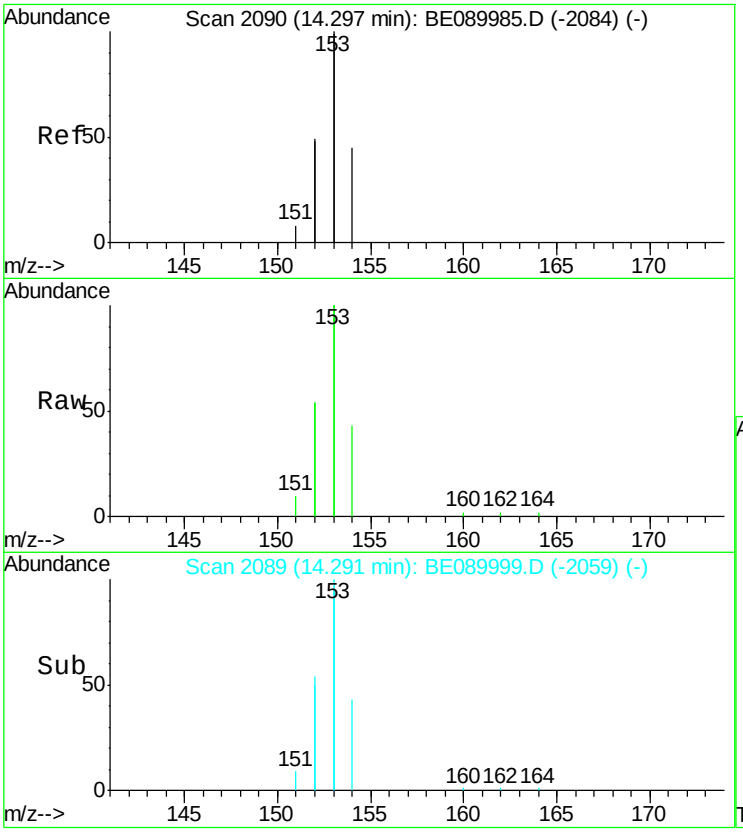


#14
2-Fluorobiphenyl
Concen: 4.72 ng
RT: 12.86 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Tgt Ion:172 Resp: 73197

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.8	41.6
170	23.3	18.3	27.5



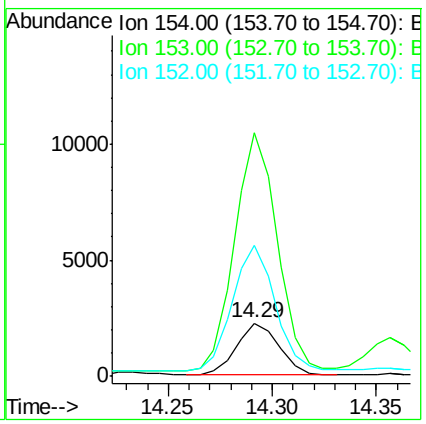


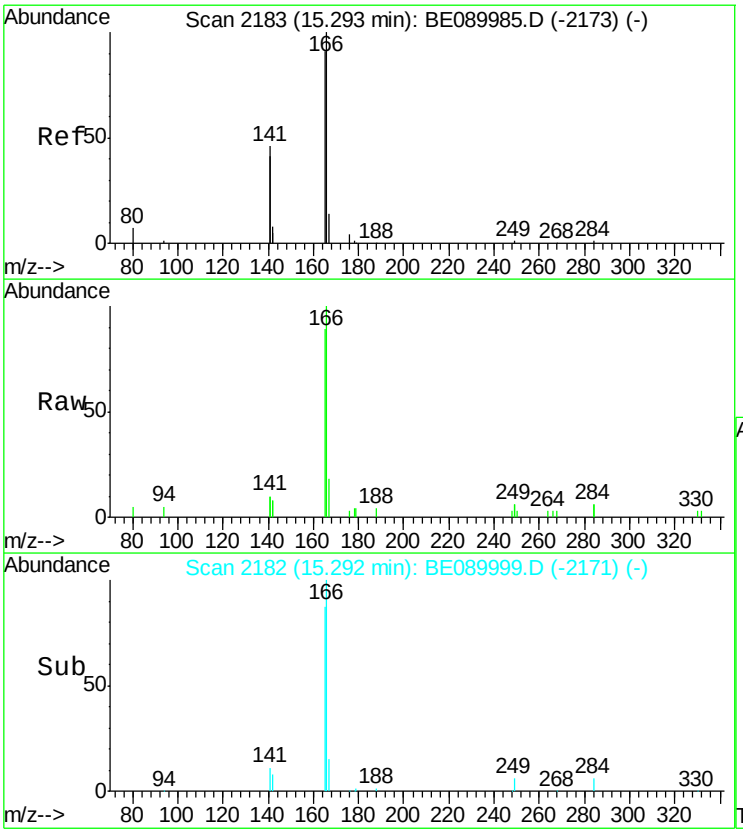
#16
Acenaphthene
Concen: 0.24 ng
RT: 14.29 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Instrument :
BNA_E
ClientSampleId :
X1SS0550006-150625

Tgt Ion:154 Resp: 3183

Ion	Ratio	Lower	Upper
154	100		
153	459.2	358.6	538.0
152	245.5	189.6	284.4

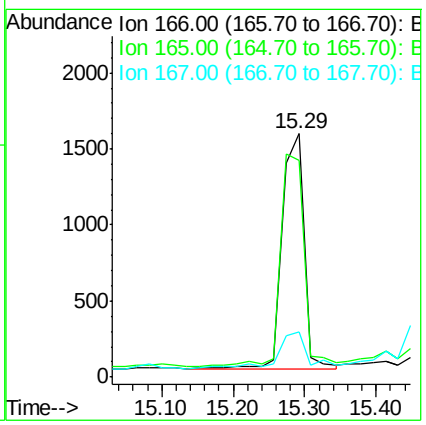


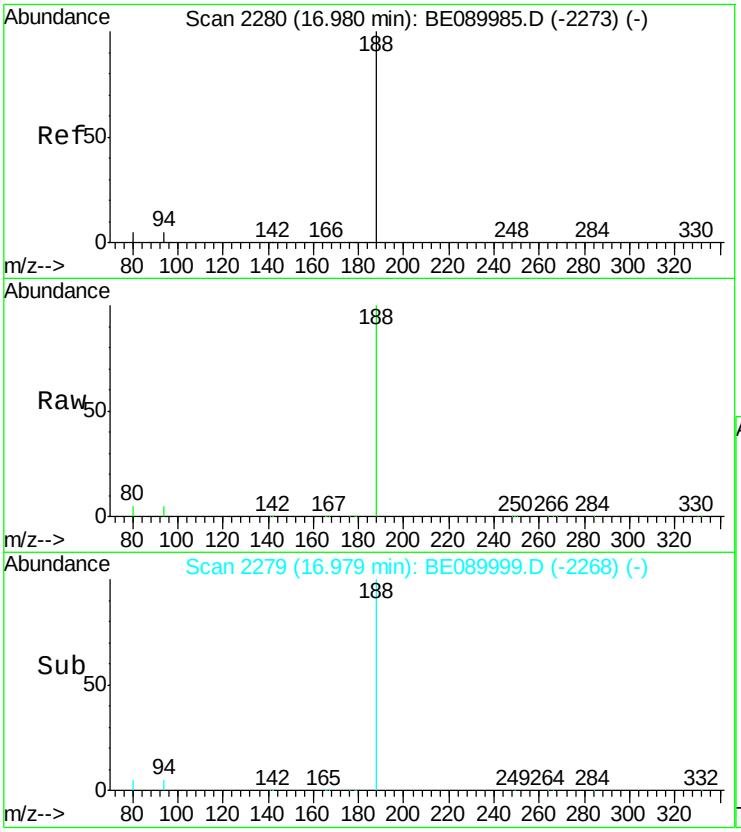


#17
Fluorene
Concen: 0.18 ng
RT: 15.29 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Tgt Ion:166 Resp: 3284

Ion	Ratio	Lower	Upper
166	100		
165	95.9	79.0	118.6
167	21.8	11.8	17.8#



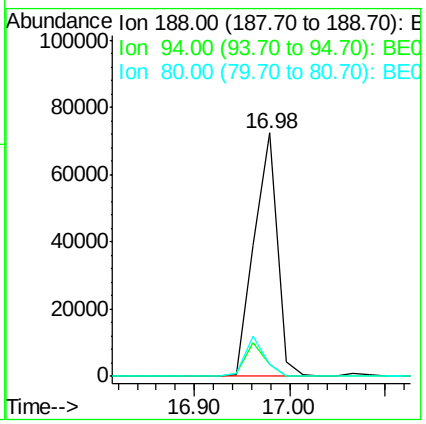


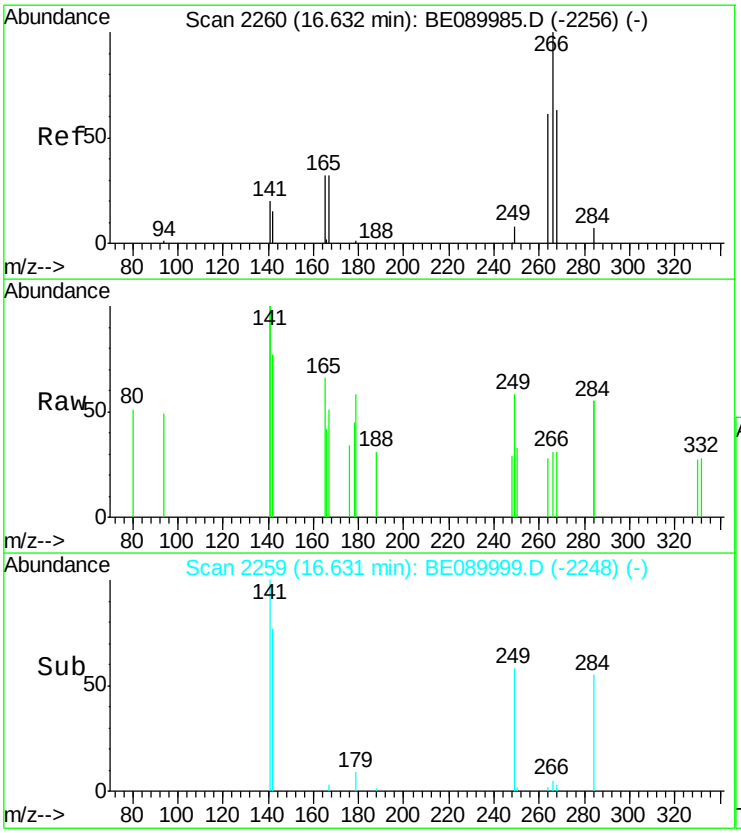
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Instrument :
BNA_E
ClientSampleId :
X1SS0550006-150625

Tgt Ion:188 Resp: 121612

Ion	Ratio	Lower	Upper
188	100		
94	4.8	4.1	6.1
80	4.8	4.2	6.2

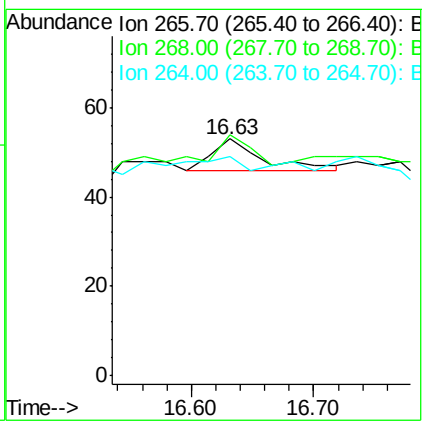


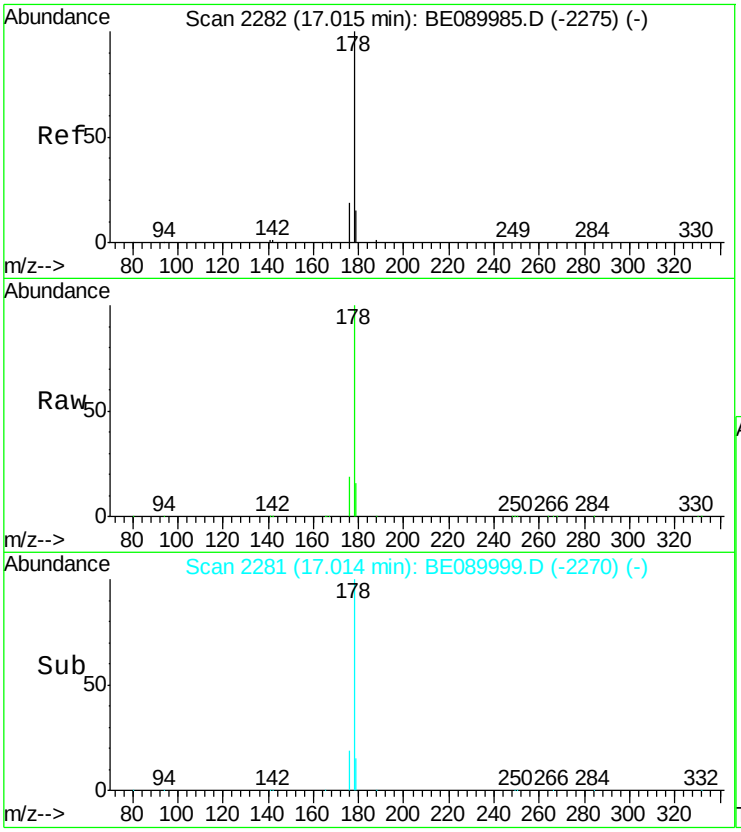


#21
Pentachlorophenol
Concen: 0.27 ng
RT: 16.63 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Tgt Ion:266 Resp: 20

Ion	Ratio	Lower	Upper
266	100		
268	101.9	51.8	77.8#
264	92.5	50.2	75.2#



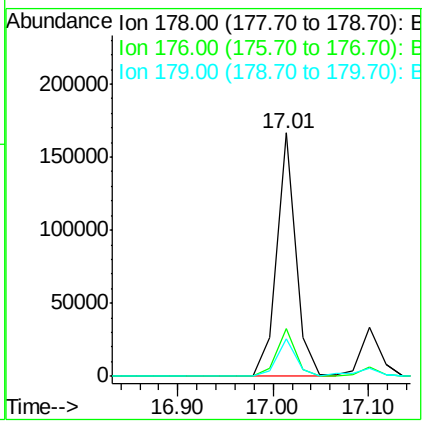


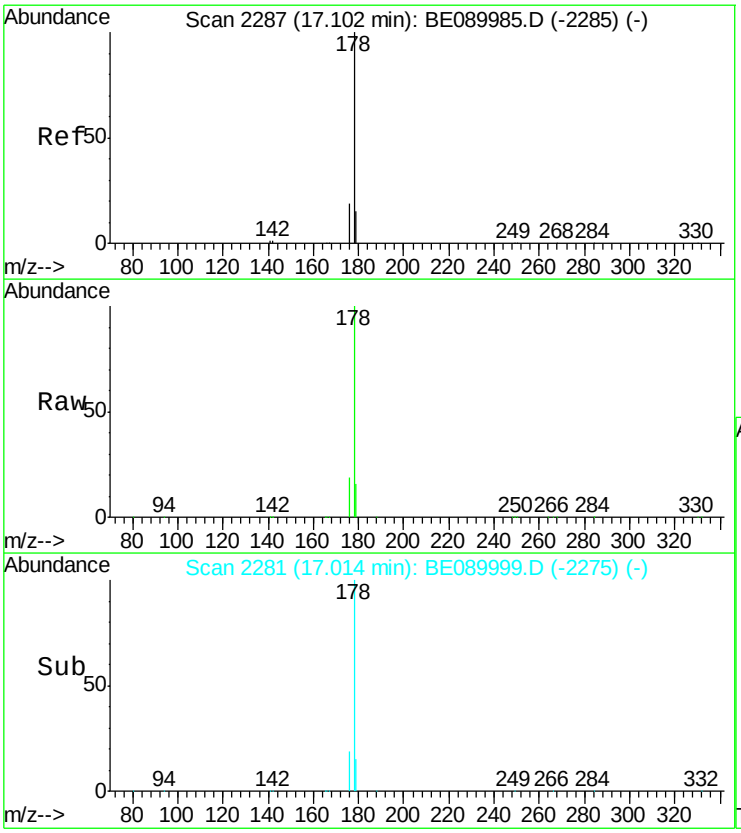
#22
Phenanthrene
Concen: 7.41 ng
RT: 17.01 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Instrument :
BNA_E
ClientSampleId :
X1SS0550006-150625

Tgt Ion:178 Resp: 230993

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.5	12.4	18.6

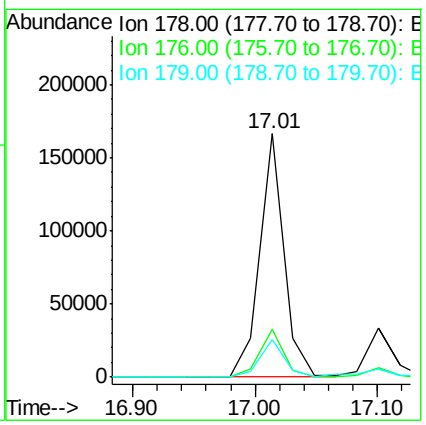


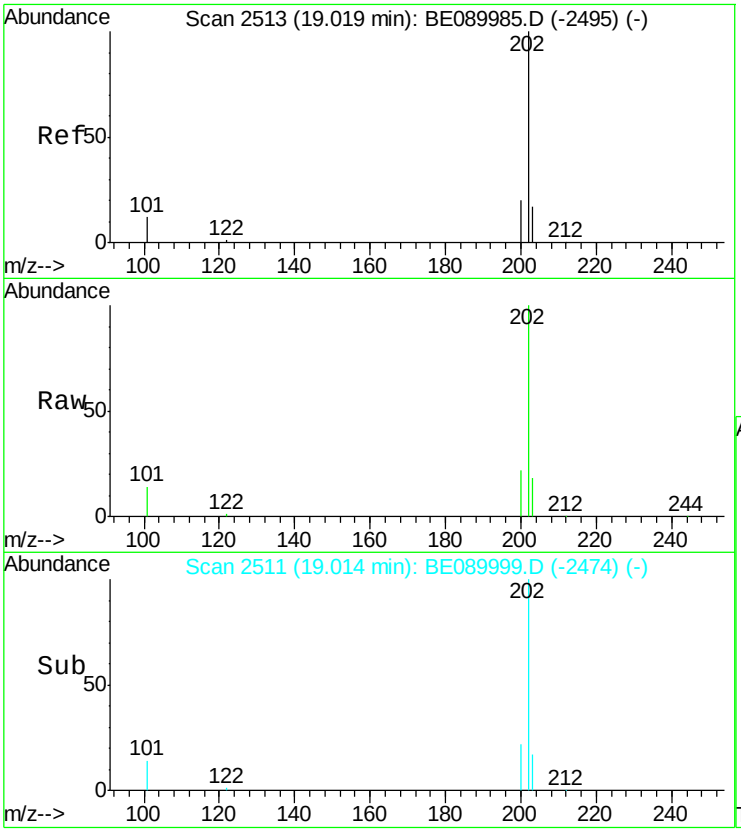


#23
Anthracene
Concen: 8.10 ng
RT: 17.01 min Scan# 2281
Delta R.T. -0.09 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Tgt Ion:178 Resp: 231010

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.7	22.1
179	15.5	12.1	18.1



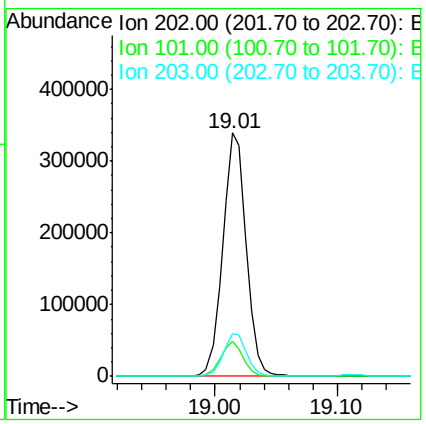


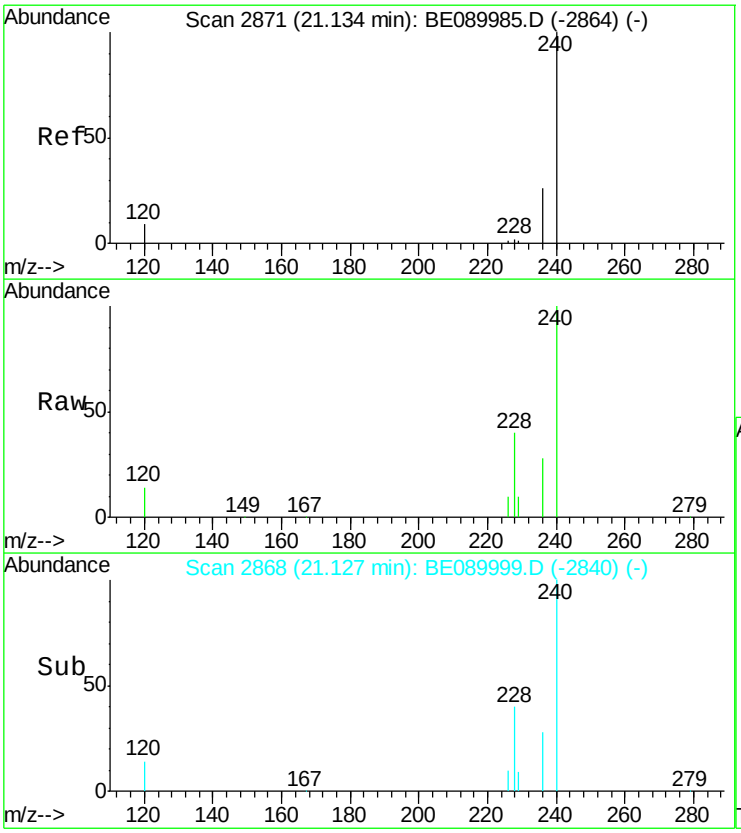
#24
Fluoranthene
Concen: 13.02 ng
RT: 19.01 min Scan# 2511
Delta R.T. -0.00 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Instrument :
BNA_E
ClientSampleId :
X1SS0550006-150625

Tgt Ion:202 Resp: 452942

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.6	15.8
203	17.5	13.8	20.6

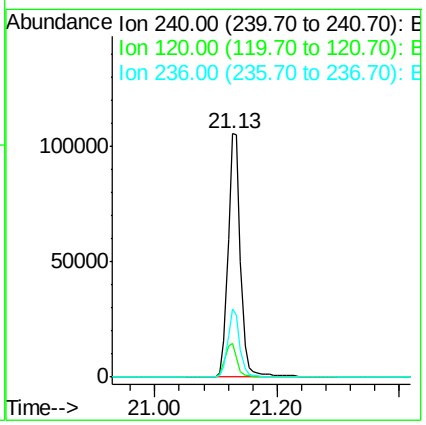


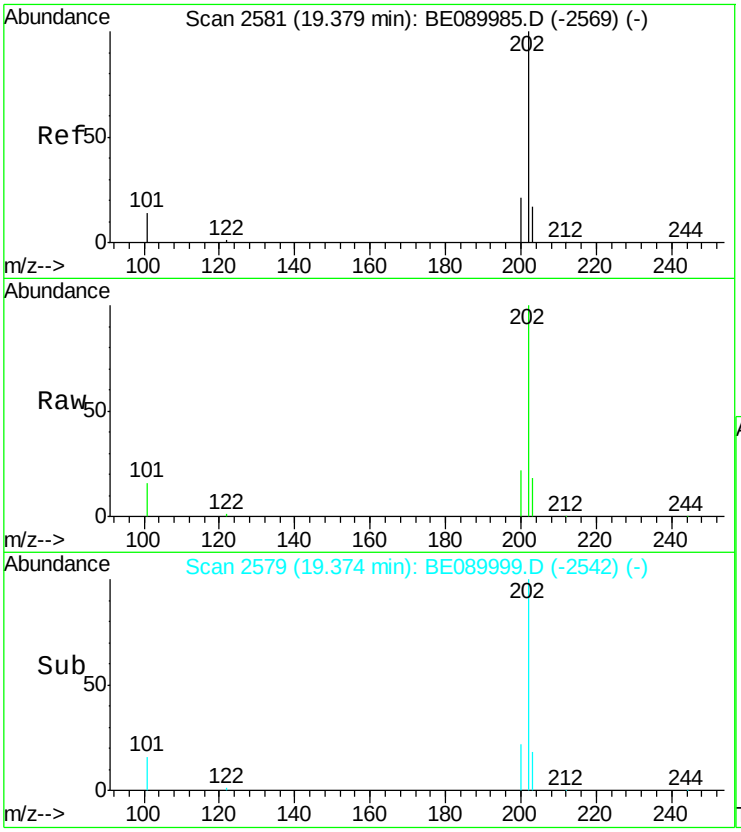


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.13 min Scan# 2868
Delta R.T. -0.01 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Tgt Ion:240 Resp: 150465

Ion	Ratio	Lower	Upper
240	100		
120	14.1	6.9	10.3#
236	28.1	20.8	31.2



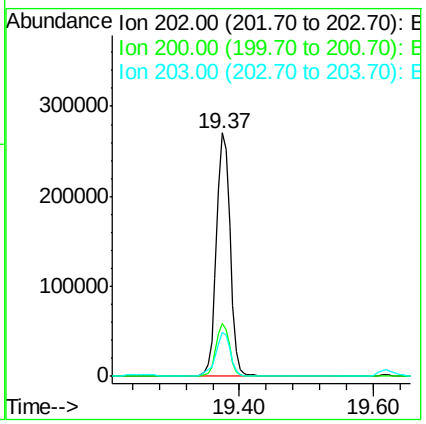


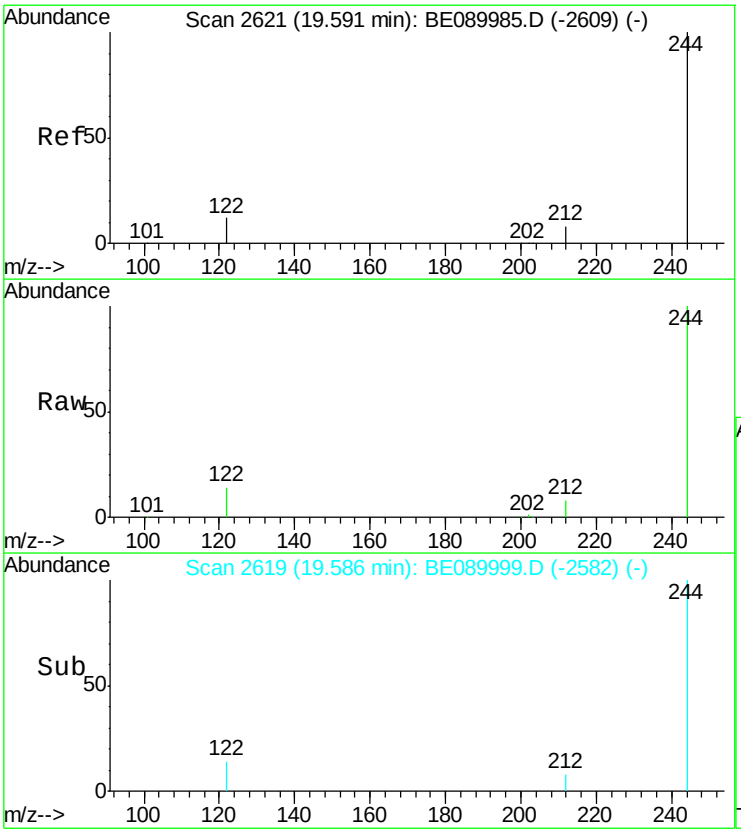
#26
Pyrene
Concen: 10.59 ng
RT: 19.37 min Scan# 2579
Delta R.T. -0.00 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Instrument :
BNA_E
ClientSampleId :
X1SS0550006-150625

Tgt Ion:202 Resp: 379669

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.8	25.2
203	19.3	13.9	20.9

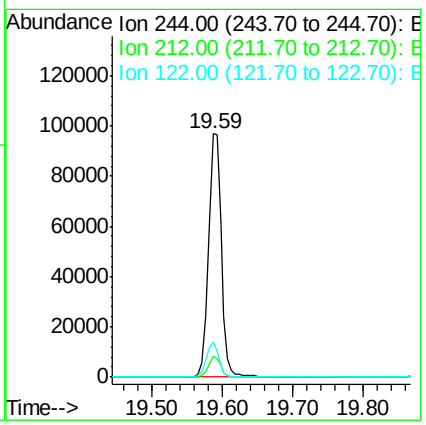


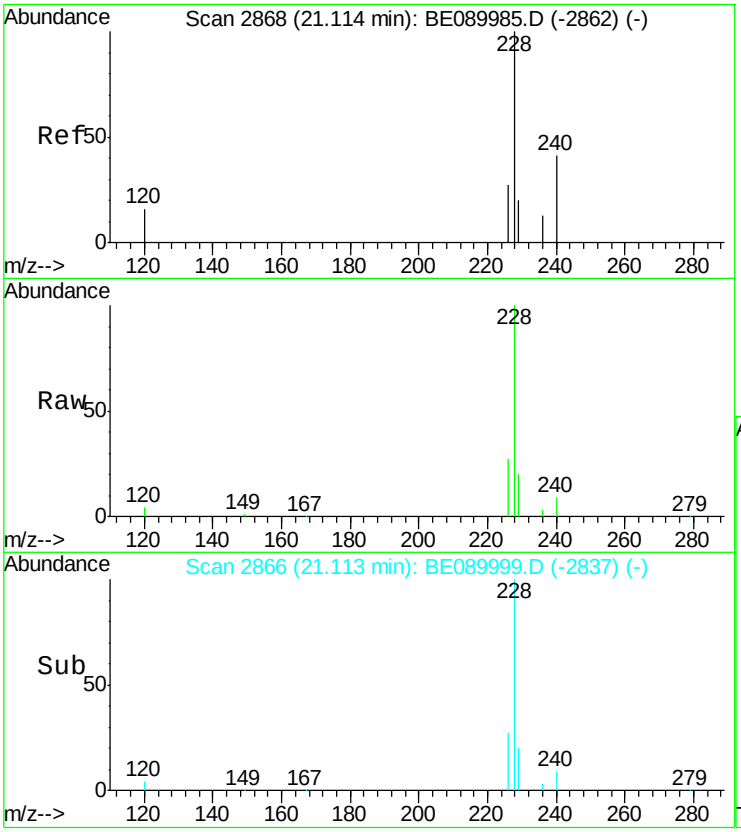


#27
Terphenyl-d14
Concen: 4.93 ng
RT: 19.59 min Scan# 2619
Delta R.T. -0.00 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Tgt Ion:244 Resp: 123633

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.6	9.8
122	14.3	9.8	14.8



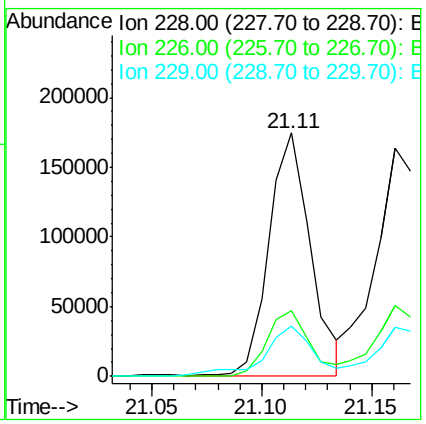


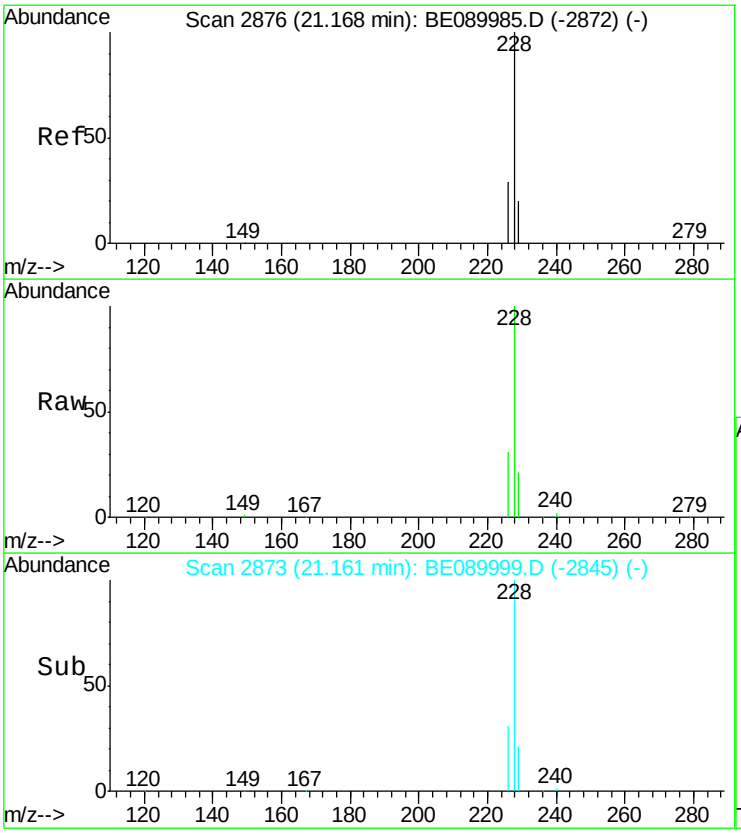
#28
Benzo(a)anthracene
Concen: 6.06 ng
RT: 21.11 min Scan# 2866
Delta R.T. -0.00 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Instrument :
BNA_E
ClientSampleId :
X1SS0550006-150625

Tgt Ion:228 Resp: 227612

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.6
229	20.5	15.8	23.6

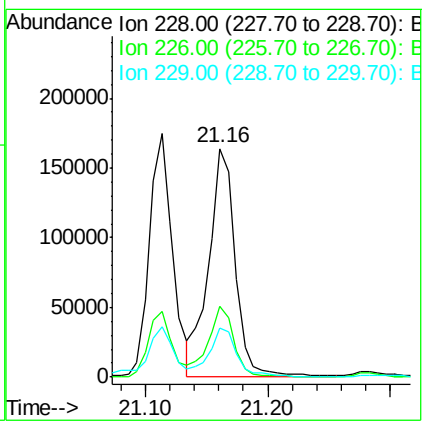


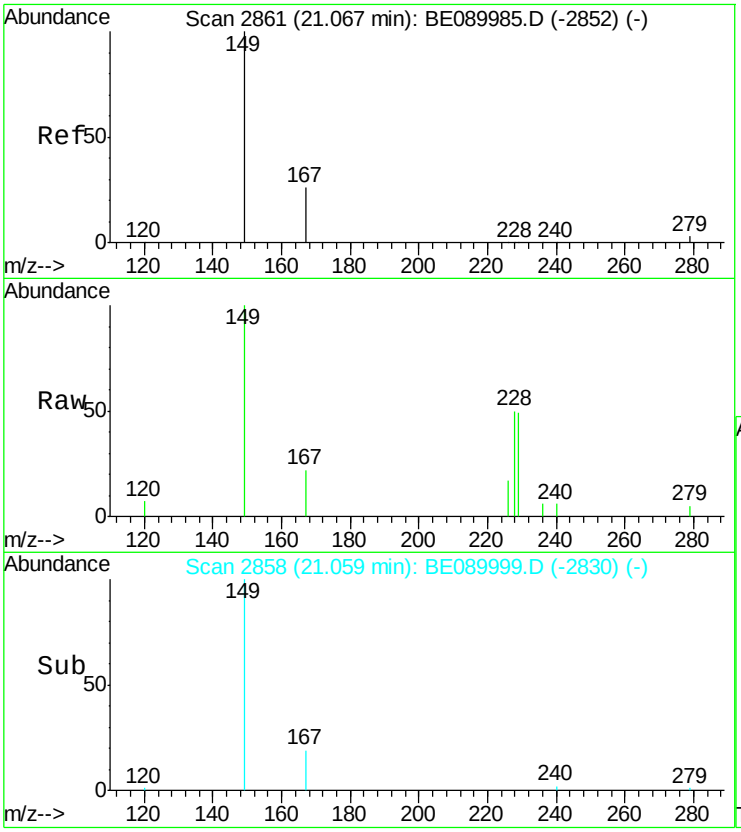


#29
Chrysene
Concen: 6.29 ng
RT: 21.16 min Scan# 2873
Delta R.T. -0.01 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Tgt Ion:228 Resp: 245536

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.0
229	21.3	16.2	24.2



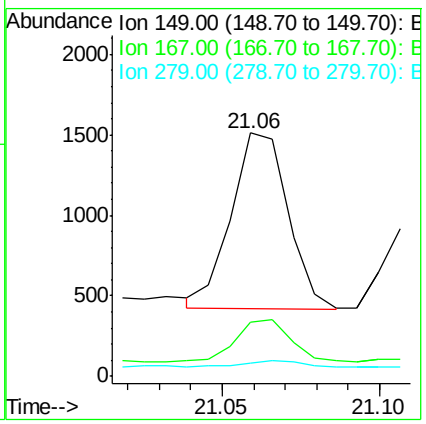


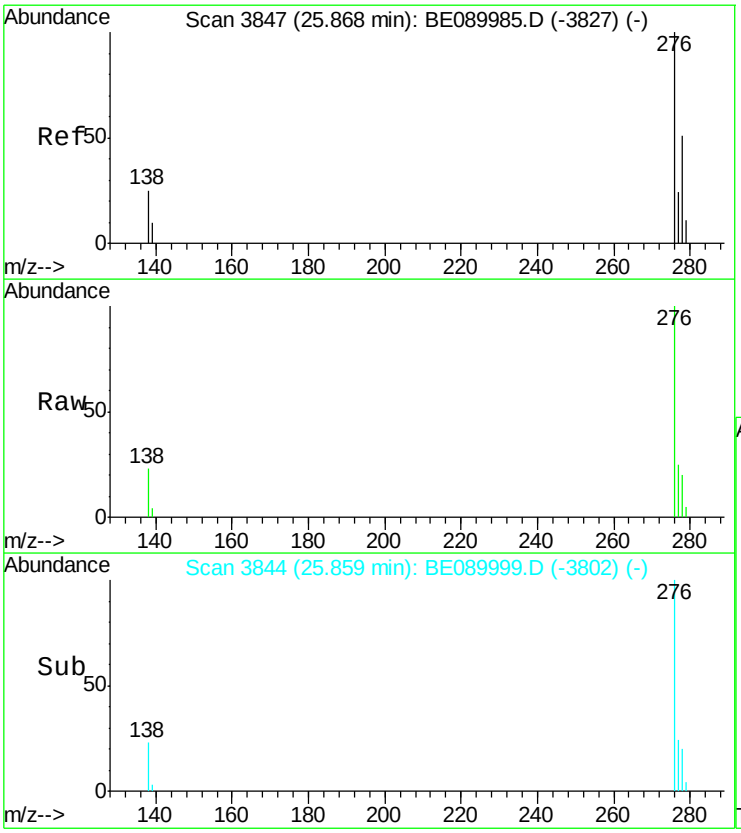
#30
Bis(2-ethylhexyl)phthalate
Concen: 0.38 ng
RT: 21.06 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Instrument :
BNA_E
ClientSampleId :
X1SS0550006-150625

Tgt Ion:149 Resp: 1376

Ion	Ratio	Lower	Upper
149	100		
167	24.9	20.3	30.5
279	4.1	2.6	3.8#

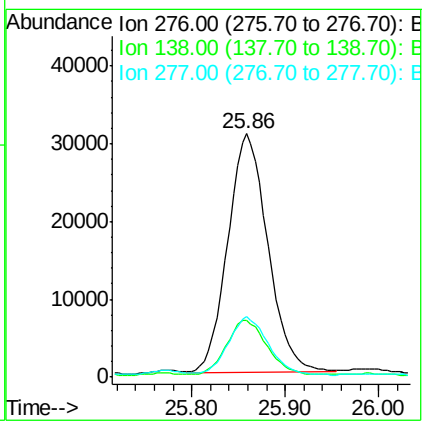


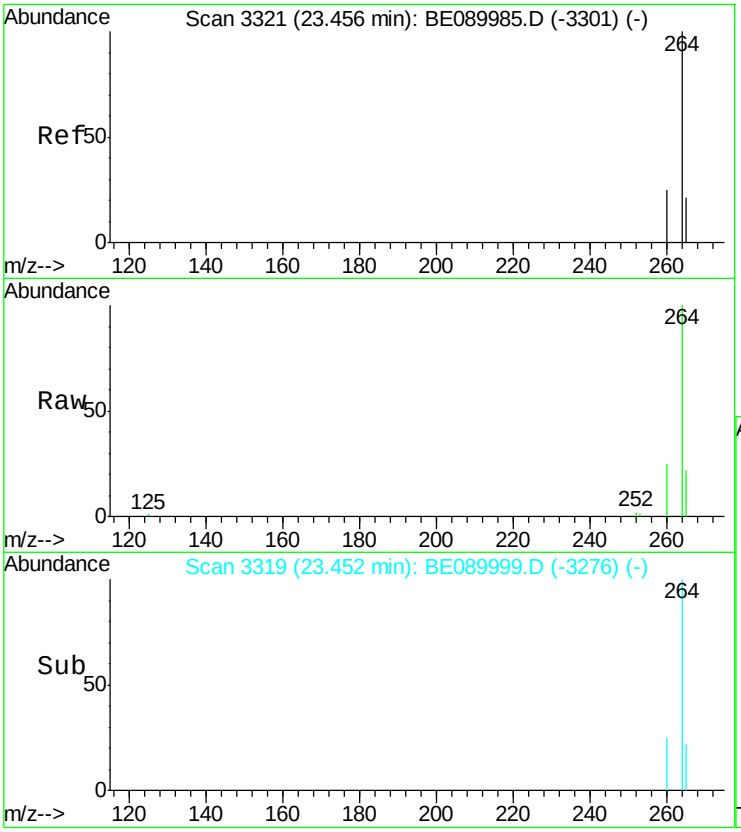


#31
Indeno(1,2,3-cd)pyrene
Concen: 2.44 ng
RT: 25.86 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Tgt Ion:276 Resp: 91470

Ion	Ratio	Lower	Upper
276	100		
138	23.5	21.3	31.9
277	24.0	19.7	29.5



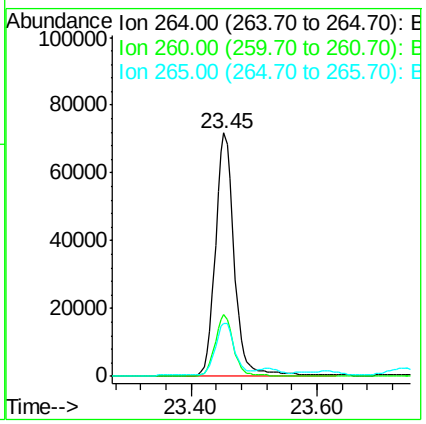


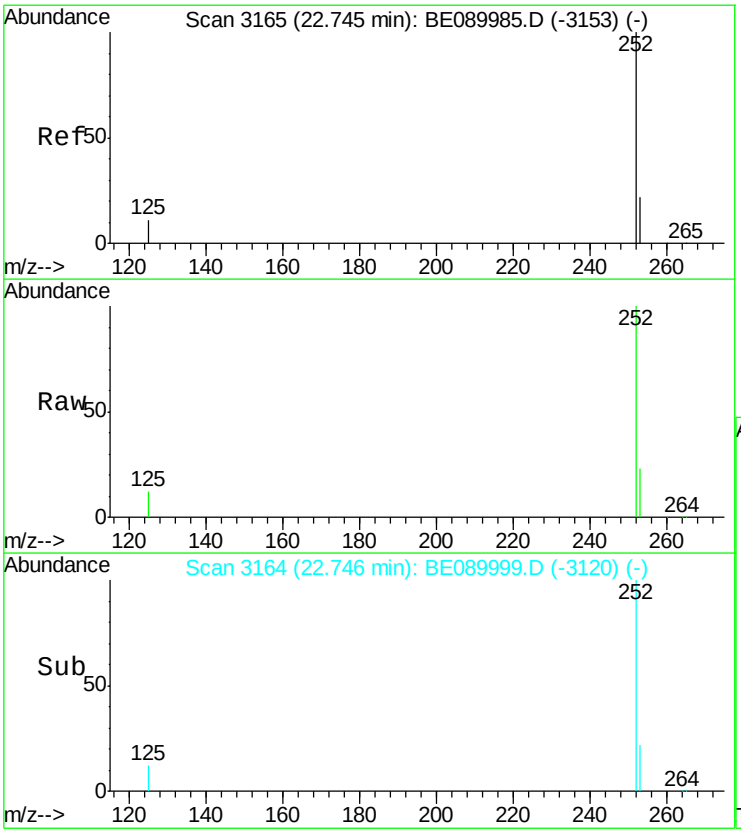
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.45 min Scan# 3319
Delta R.T. -0.00 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Instrument :
BNA_E
ClientSampleId :
X1SS0550006-150625

Tgt Ion:264 Resp: 148455

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.2
265	22.0	17.1	25.7

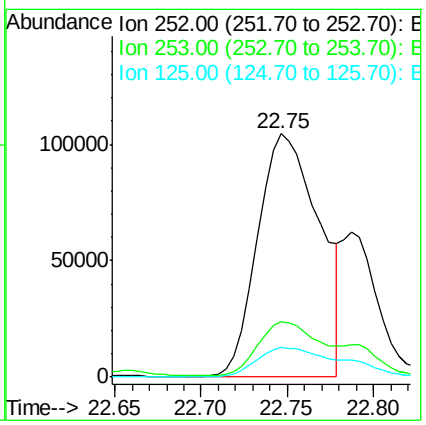


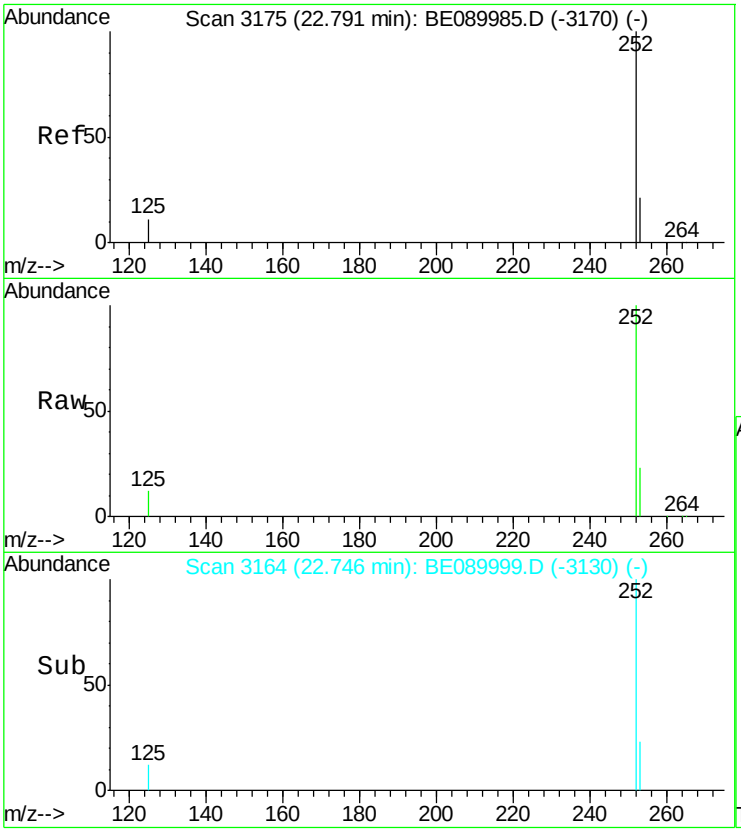


#33
Benzo(b)fluoranthene
Concen: 7.91 ng
RT: 22.75 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Tgt Ion:252 Resp: 259085

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	12.0	9.0	13.4



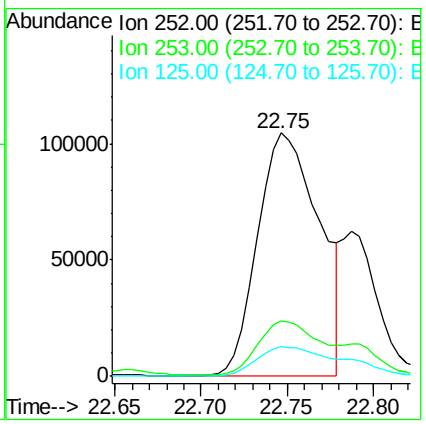


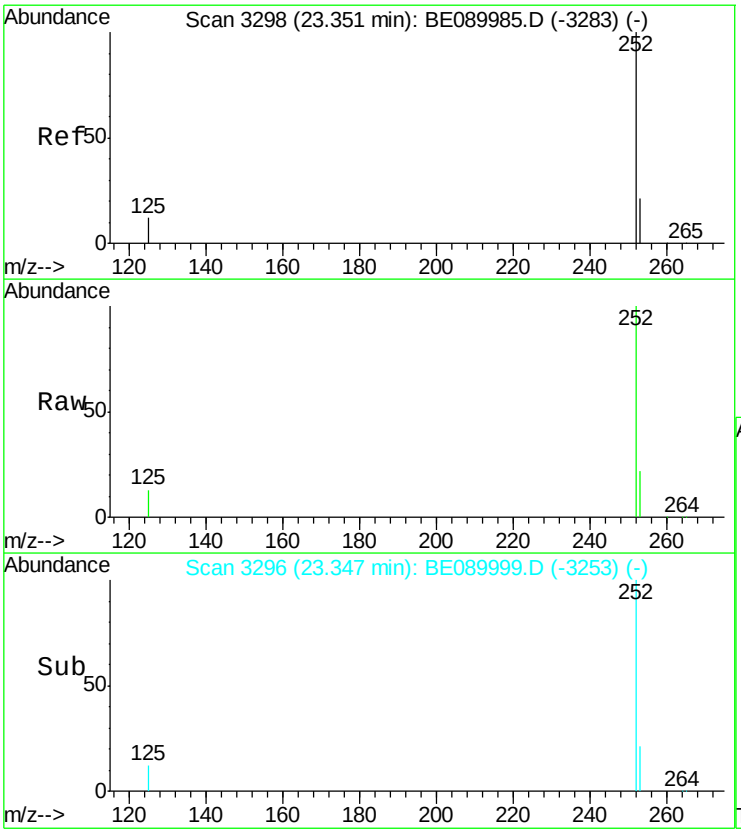
#34
Benzo(k)fluoranthene
Concen: 7.08 ng
RT: 22.75 min Scan# 3164
Delta R.T. -0.04 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Instrument :
BNA_E
ClientSampleId :
X1SS0550006-150625

Tgt Ion:252 Resp: 259085

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	12.0	9.5	14.3

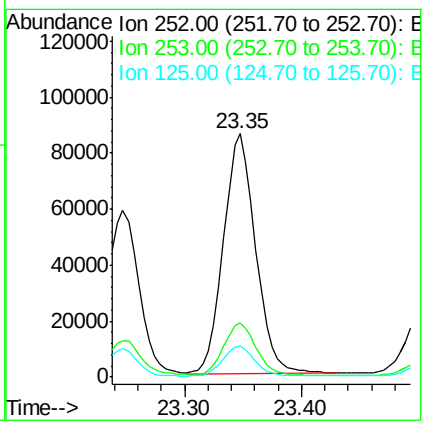


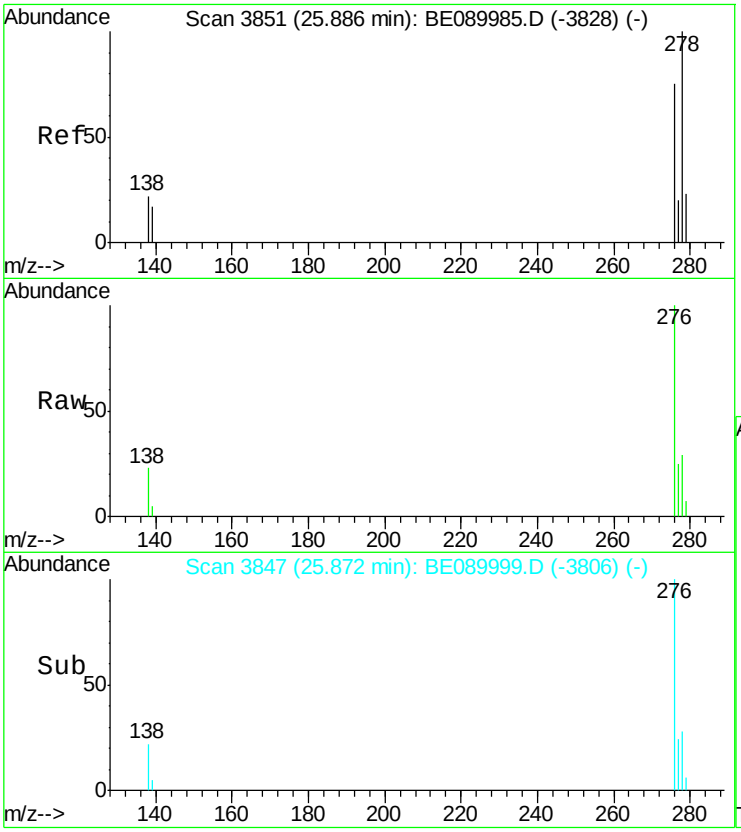


#35
Benzo(a)pyrene
Concen: 5.41 ng
RT: 23.35 min Scan# 3296
Delta R.T. -0.00 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Tgt Ion:252 Resp: 163597

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	12.7	10.5	15.7



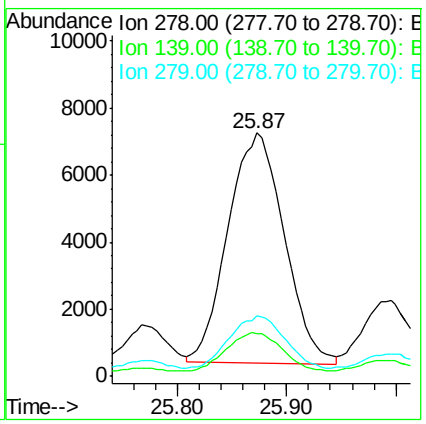


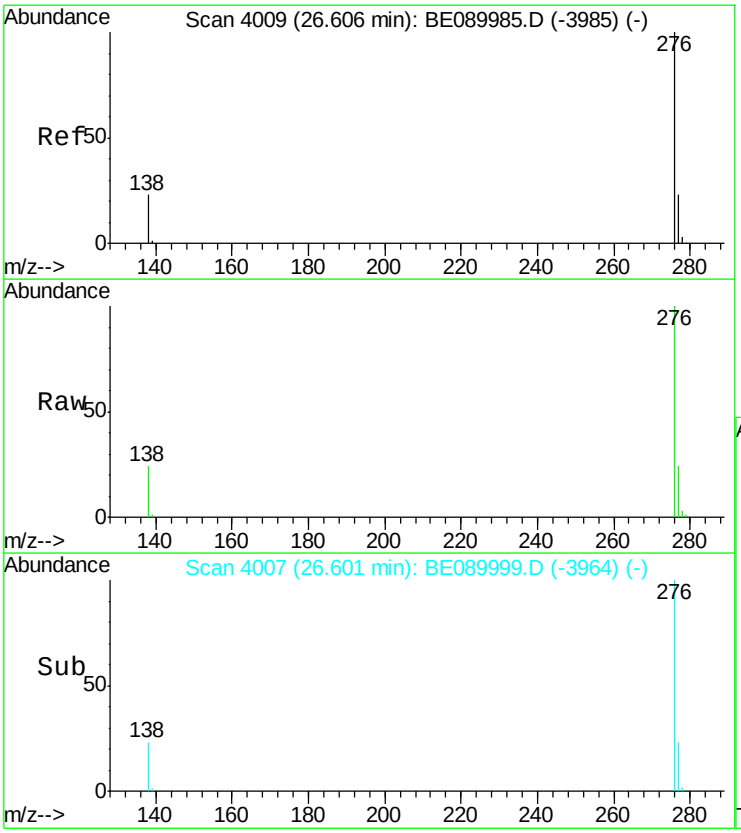
#36
Dibenzo(a,h)anthracene
Concen: 0.79 ng
RT: 25.87 min Scan# 3847
Delta R.T. -0.01 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Instrument :
BNA_E
ClientSampleId :
X1SS0550006-150625

Tgt Ion:278 Resp: 24626

Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.4	21.6
279	24.8	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 2.78 ng
RT: 26.60 min Scan# 4007
Delta R.T. -0.00 min
Lab File: BE089999.D
Acq: 30 Jun 2015 2:56

Tgt Ion:276 Resp: 87421

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	23.5	18.6	27.8