Quantitation Report (Not Reviewed)

Data Path : S:\HPCHEM1\BNA_E\Data\BE062915\
Data File : BE090011.D
Acq On : 30 Jun 2015 10:06
Operator : TP/IZ
Sample : G2811-01 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : X1SS0520006-150625-D

Quant Time: Jun 30 16:35:30 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	7.63	152	24418	5.00	ng		0.00
6) Naphthalene-d8	10.38	136	122469	5.00	ng		0.00
12) Acenaphthene-d10	14.23	164	75312	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	169396	5.00	ng		0.00
25) Chrysene-d12	21.14	240	174694	5.00	ng		0.00
32) Perylene-d12	23.47	264	184787	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	12152	2.17	ng		0.00
5) Phenol-d6	6.81	99	19955	2.54	ng		0.00
7) Nitrobenzene-d5	8.76	82	12461	1.28	ng		0.00
13) 2,4,6-Tribromophenol	15.73	330	6525	2.96	ng		0.00
14) 2-Fluorobiphenyl	12.86	172	27289	1.21	ng		0.00
27) Terphenyl-d14	19.59	244	40565	1.39	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.43	128	14448	0.52	ng		99
11) 2-Methylnaphthalene	12.05	142	2769	0.15	ng		99
15) Acenaphthylene	13.95	152	2880	0.02	ng	#	88
16) Acenaphthene	14.30	154	14227	0.73	ng		96
17) Fluorene	15.29	166	7219	0.27	ng		97
21) Pentachlorophenol	16.63	266	27	0.27	ng	#	61
22) Phenanthrene	17.01	178	442405	10.19	ng		99
23) Anthracene	17.01	178	442381	11.14	ng		97
24) Fluoranthene	19.02	202	1473304	30.39	ng		97
26) Pyrene	19.38	202	1397324	33.56	ng	#	92
28) Benzo(a)anthracene	21.12	228	1022512	23.44	ng		96
29) Chrysene	21.17	228	1056896	23.33	ng		95
30) Bis(2-ethylhexyl)phthalate	21.07	149	2096	0.40	ng	#	55
31) Indeno(1,2,3-cd)pyrene	25.90	276	733340	16.88	ng		96
33) Benzo(b)fluoranthene	22.76	252	1459694	35.81	ng		97
34) Benzo(k)fluoranthene	22.76	252	1459694	32.05	ng		97
35) Benzo(a)pyrene	23.37	252	1030541	27.38	ng		98
36) Dibenzo(a,h)anthracene	25.90	278	187418	4.85	ng		99
37) Benzo(g,h,i)perylene	26.65	276	732654	18.70	ng		98

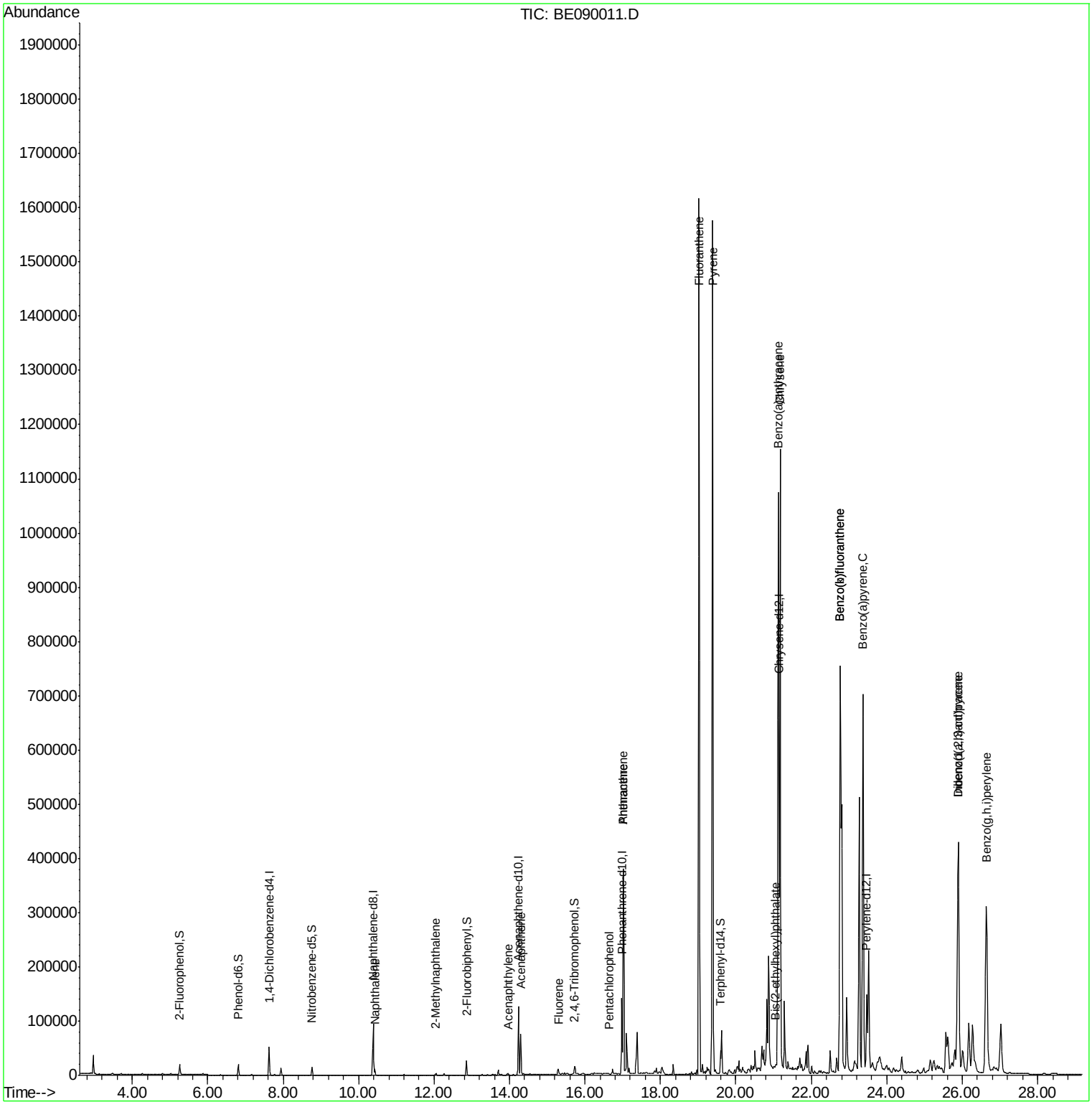
(#) = qualifier out of range (m) = manual integration (+) = signals summed

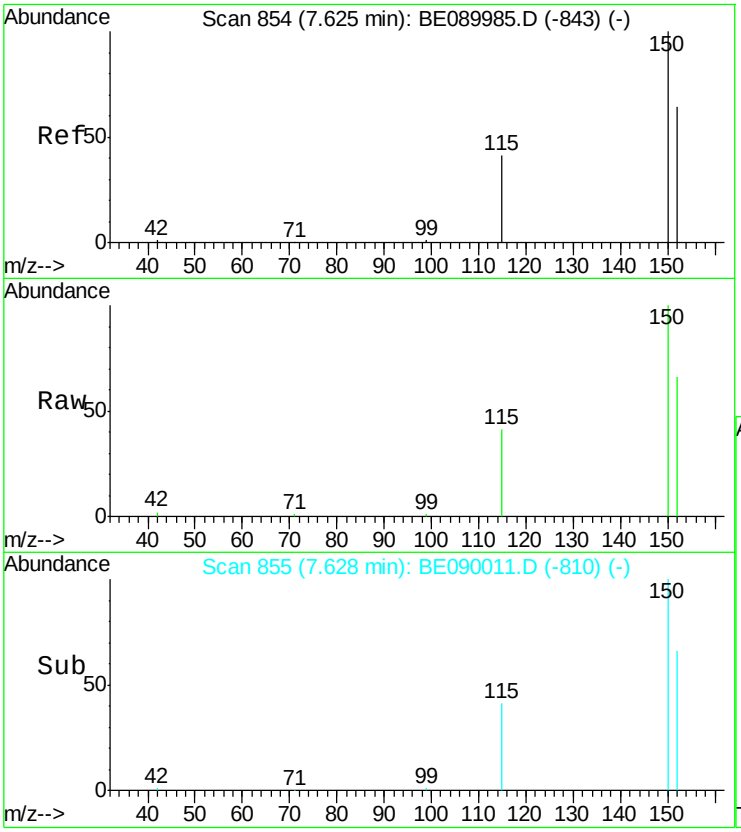
Quantitation Report (Not Reviewed)

Data Path : S:\HPCHEM1\BNA_E\Data\BE062915\
Data File : BE090011.D
Acq On : 30 Jun 2015 10:06
Operator : TP/IZ
Sample : G2811-01 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-D

Quant Time: Jun 30 16:35:30 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



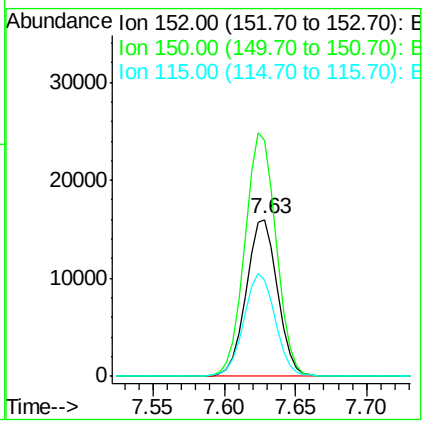


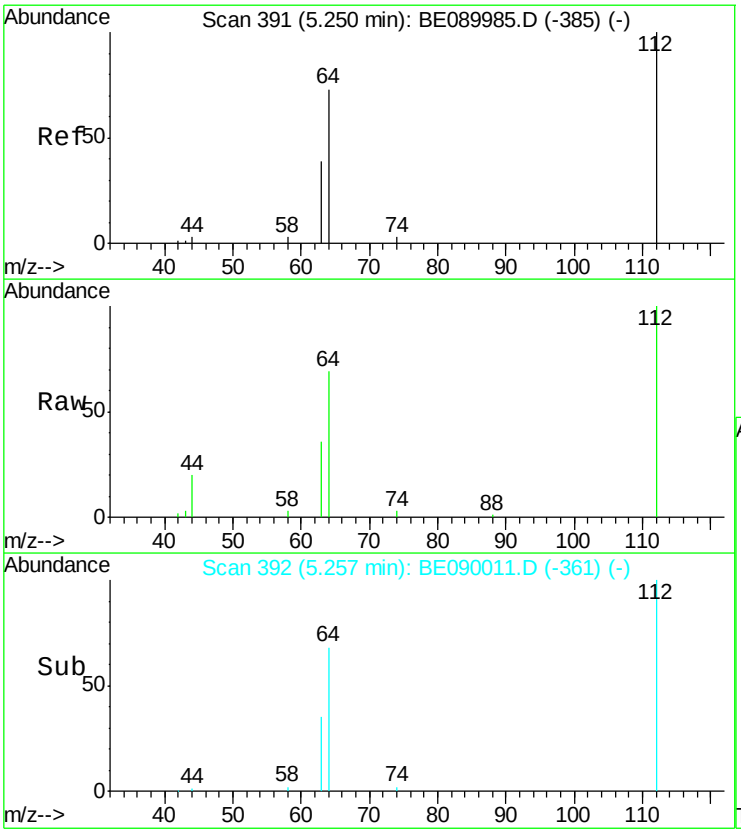
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 855
Delta R.T. 0.00 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-D

Tgt Ion:152 Resp: 24418

Ion	Ratio	Lower	Upper
152	100		
150	150.6	123.9	185.9
115	61.6	50.6	76.0

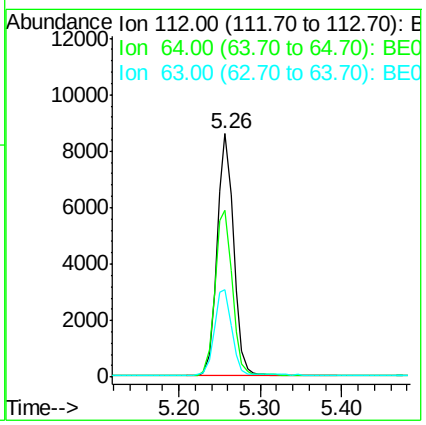


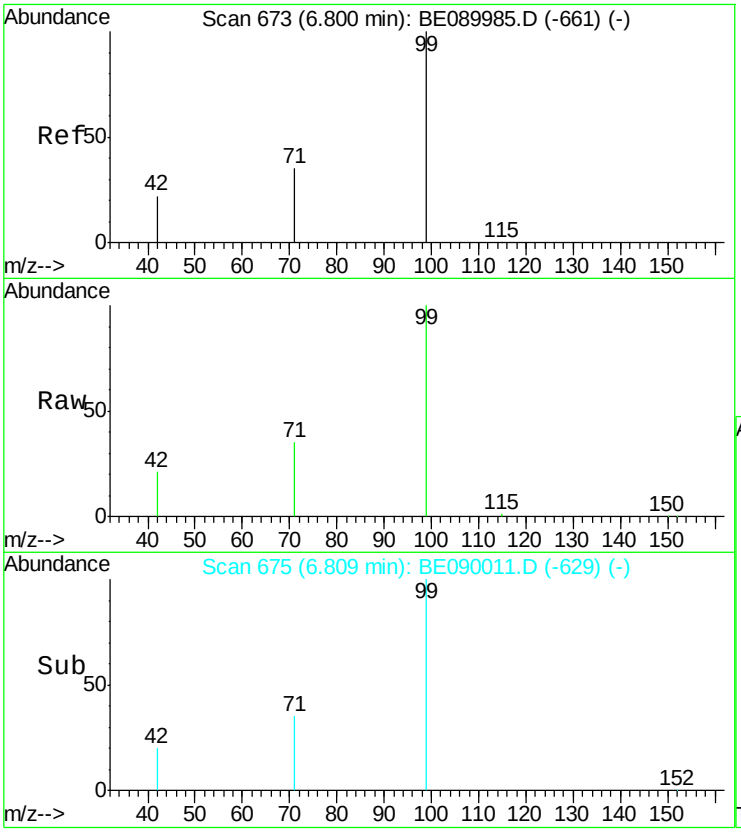


#4
2-Fluorophenol
Concen: 2.17 ng
RT: 5.26 min Scan# 392
Delta R.T. 0.01 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Tgt Ion:112 Resp: 12152

Ion	Ratio	Lower	Upper
112	100		
64	71.5	56.3	84.5
63	37.1	29.8	44.6



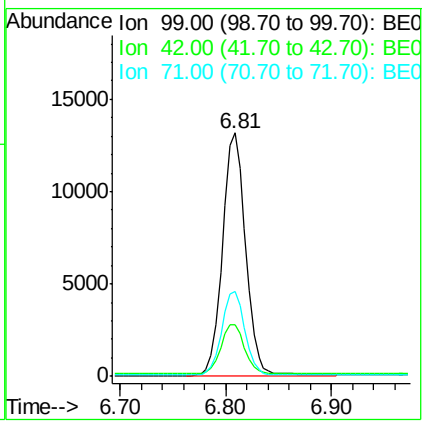


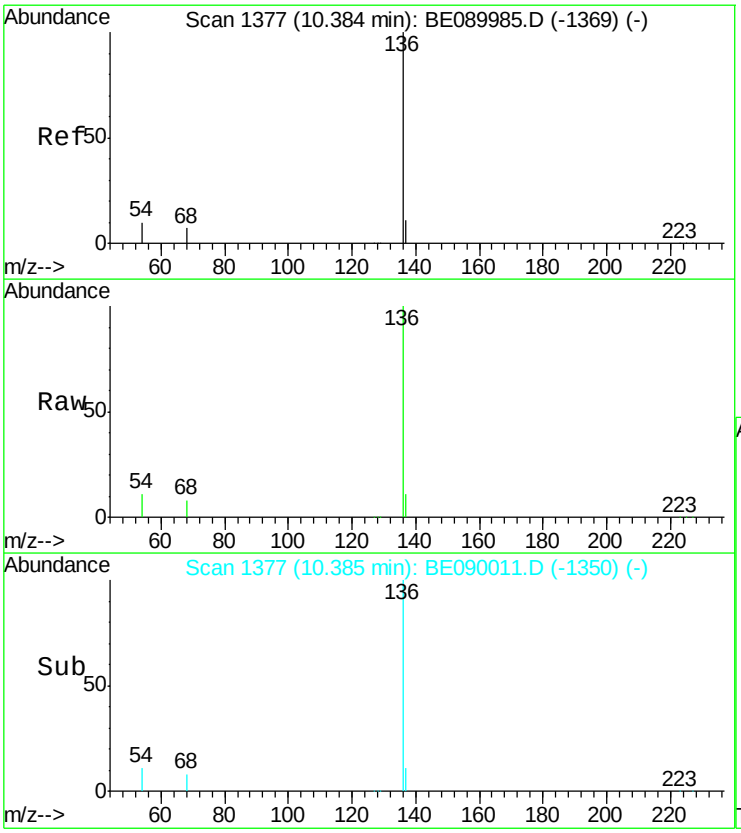
#5
Phenol-d6
Concen: 2.54 ng
RT: 6.81 min Scan# 675
Delta R.T. 0.01 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-D

Tgt Ion: 99 Resp: 19955

Ion	Ratio	Lower	Upper
99	100		
42	20.9	18.7	28.1
71	34.7	27.5	41.3

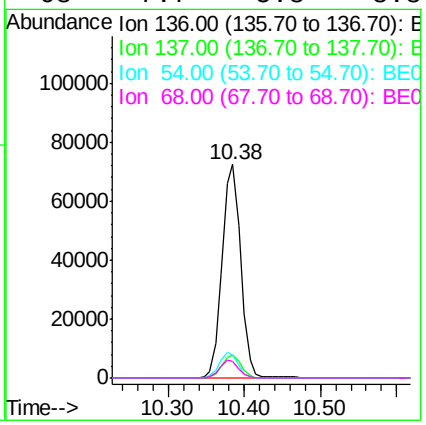


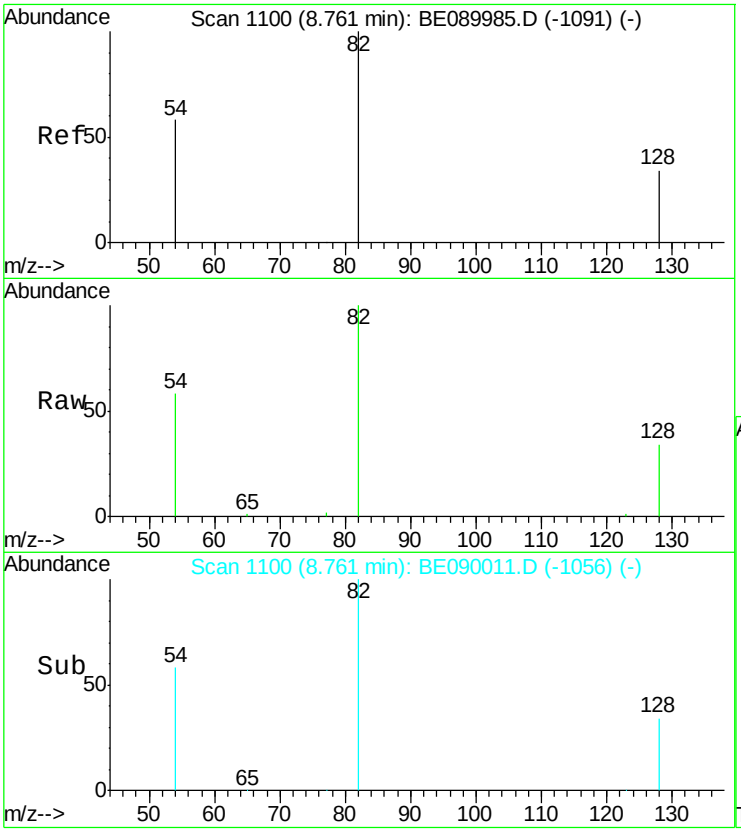


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.38 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Tgt Ion:136 Resp: 122469

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.7	8.2	12.4
68	7.7	5.8	8.8



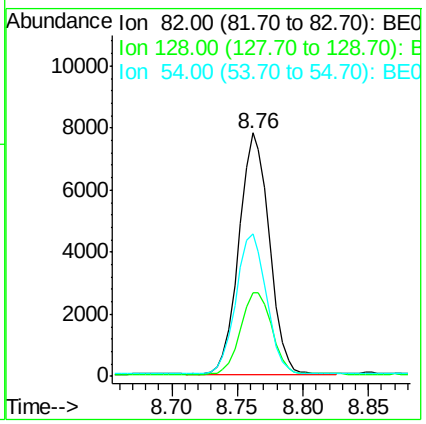


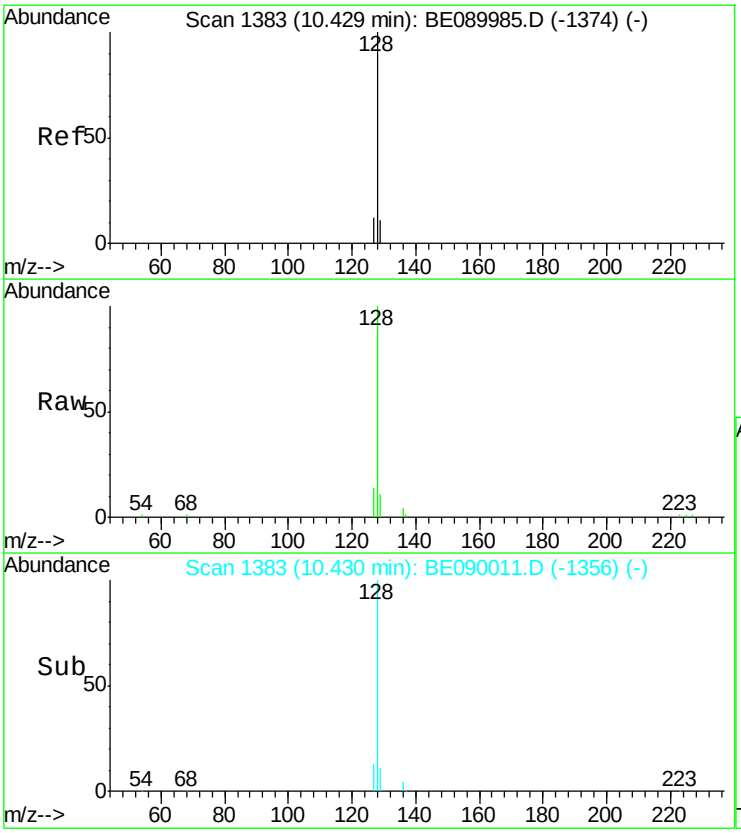
#7
Nitrobenzene-d5
Concen: 1.28 ng
RT: 8.76 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-D

Tgt Ion: 82 Resp: 12461

Ion	Ratio	Lower	Upper
82	100		
128	34.4	28.0	42.0
54	58.4	47.6	71.4

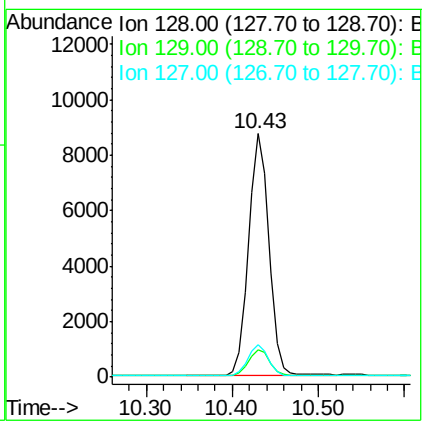


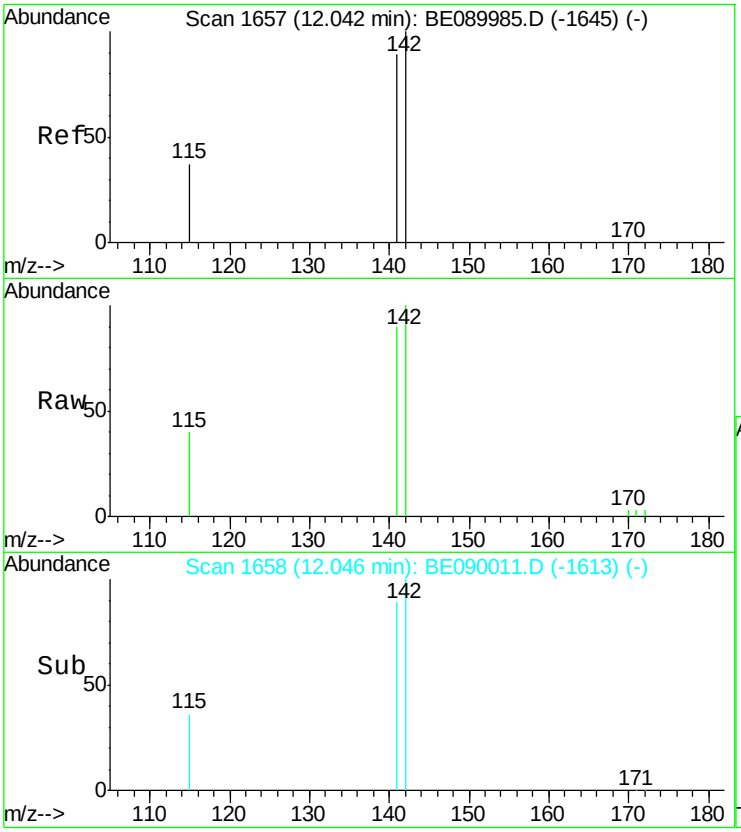


#9
Naphthalene
Concen: 0.52 ng
RT: 10.43 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Tgt Ion:128 Resp: 14448

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	13.5	10.2	15.4



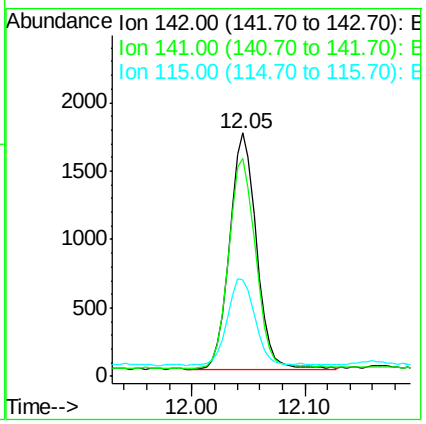


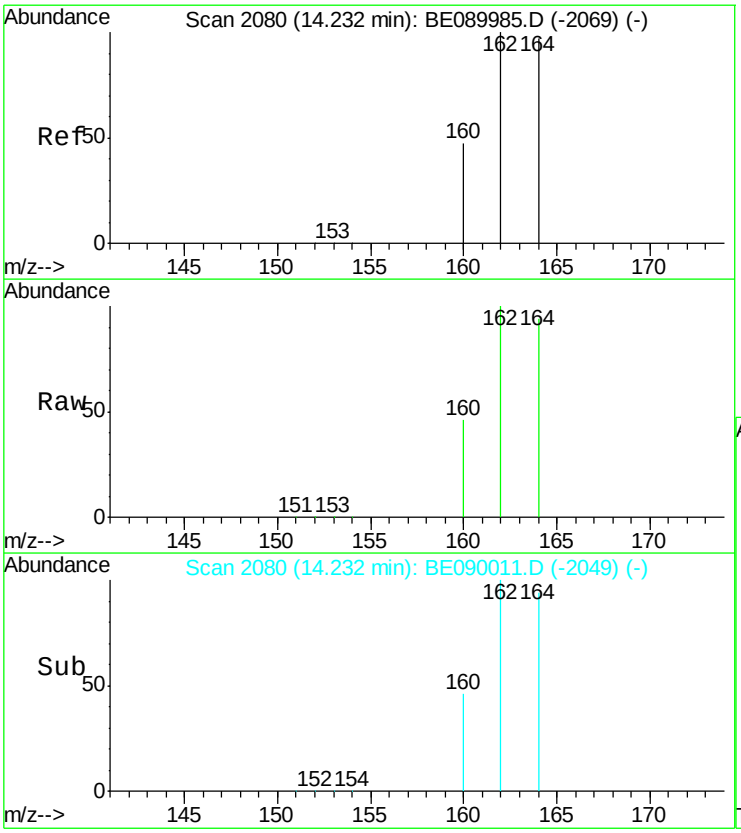
#11
2-Methylnaphthalene
Concen: 0.15 ng
RT: 12.05 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-D

Tgt Ion:142 Resp: 2769

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9
115	39.7	30.4	45.6

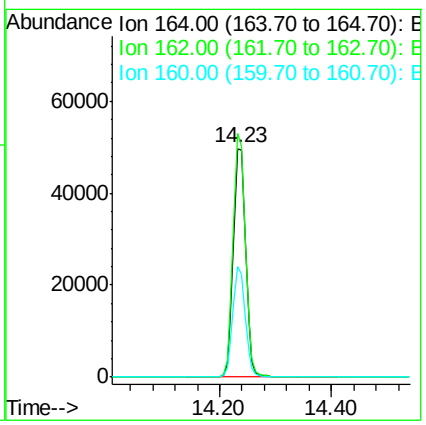


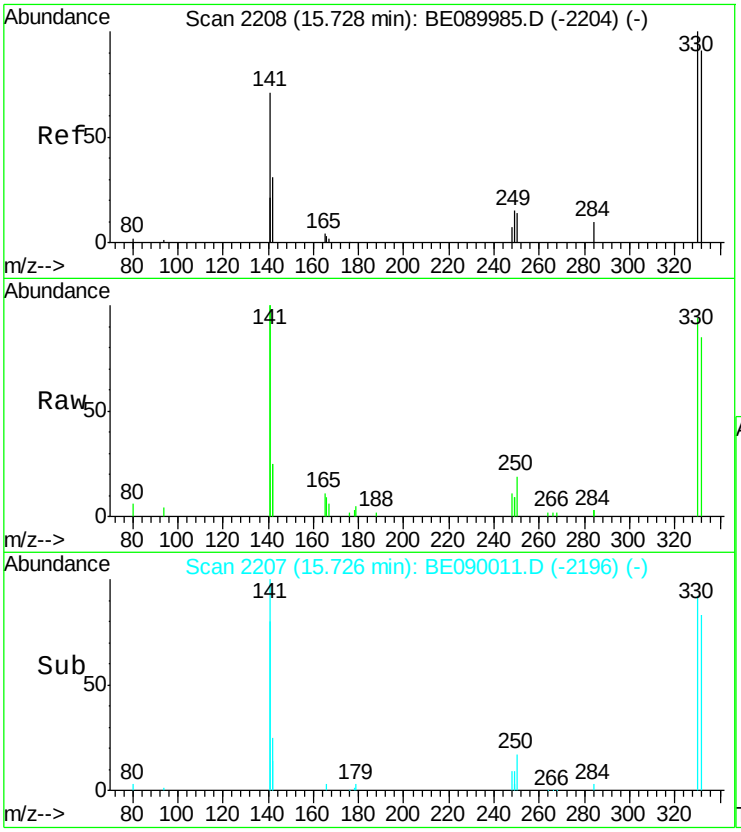


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.23 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Tgt Ion:164 Resp: 75312

Ion	Ratio	Lower	Upper
164	100		
162	106.5	82.2	123.4
160	48.6	39.0	58.6



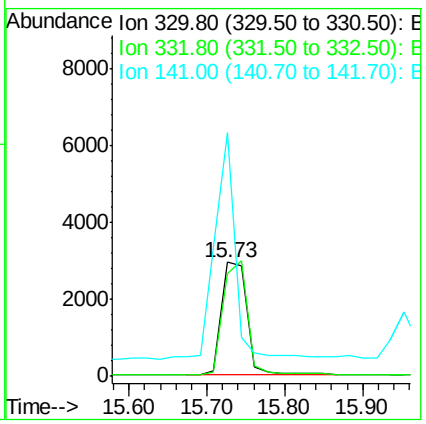


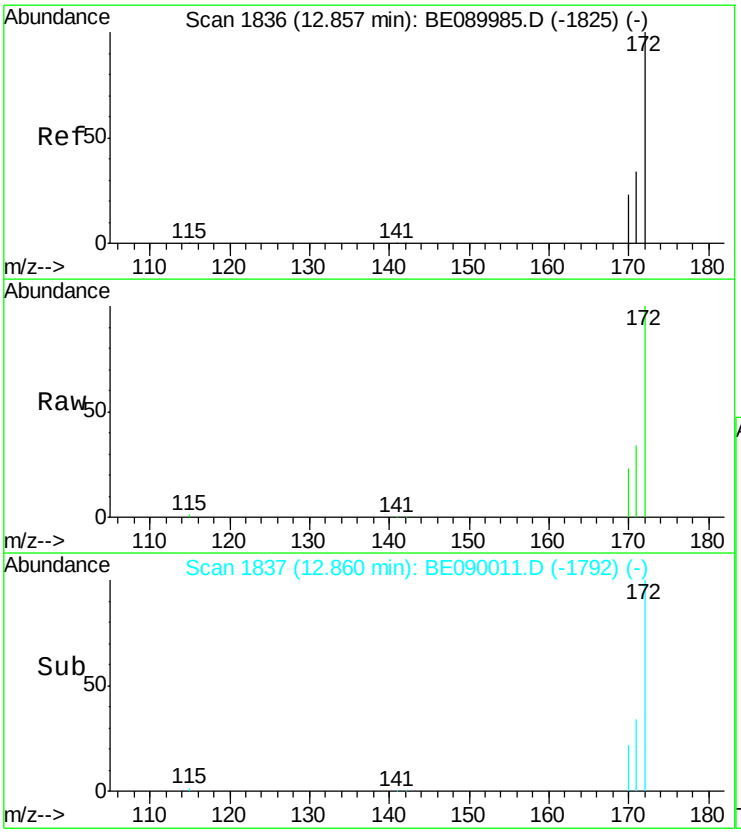
#13
2,4,6-Tribromophenol
Concen: 2.96 ng
RT: 15.73 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-D

Tgt Ion:330 Resp: 6525

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.4	114.6
141	163.9	130.3	195.5

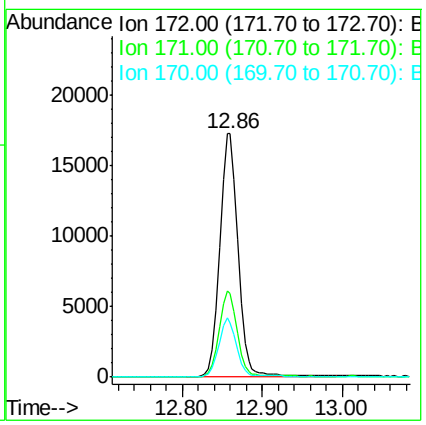


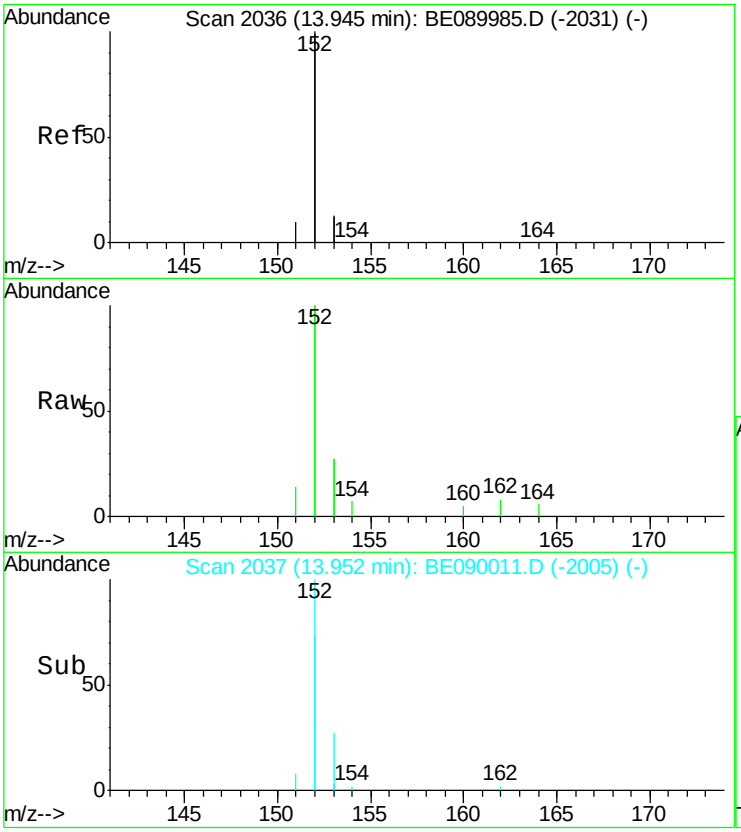


#14
2-Fluorobiphenyl
Concen: 1.21 ng
RT: 12.86 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Tgt Ion:172 Resp: 27289

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.8	41.6
170	22.5	18.3	27.5



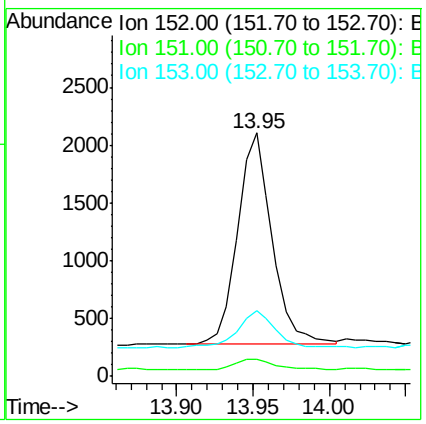


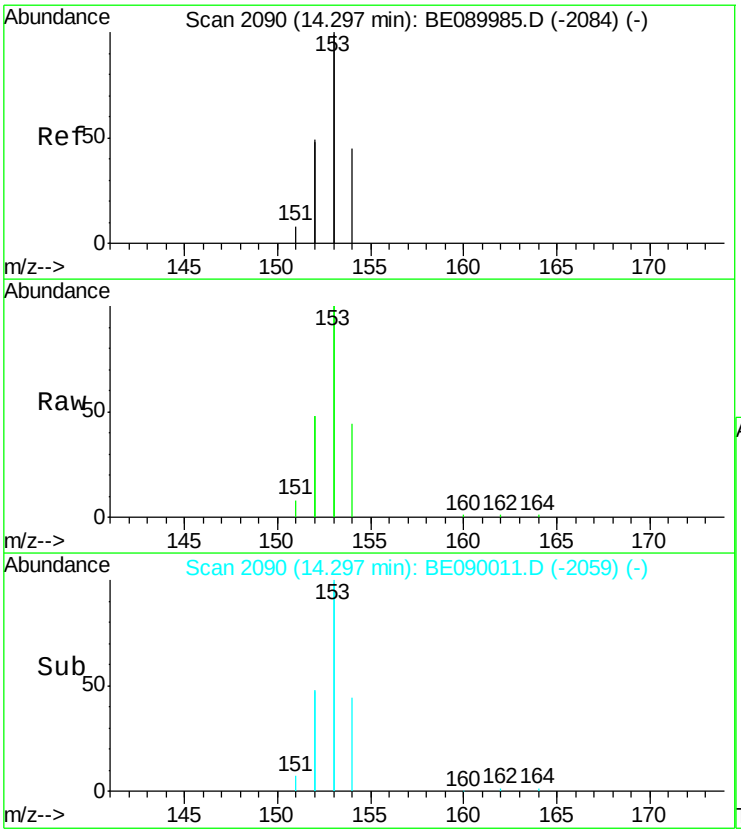
#15
Acenaphthylene
Concen: 0.02 ng
RT: 13.95 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-D

Tgt Ion:152 Resp: 2880

Ion	Ratio	Lower	Upper
152	100		
151	5.6	3.9	5.9
153	19.3	10.4	15.6#

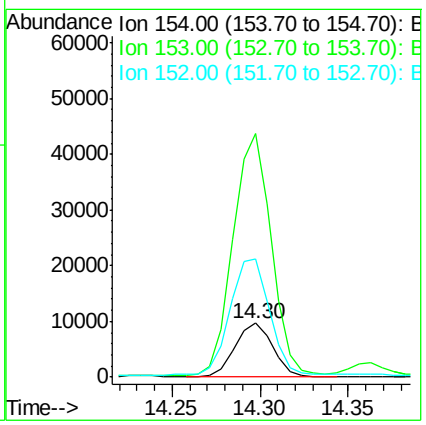


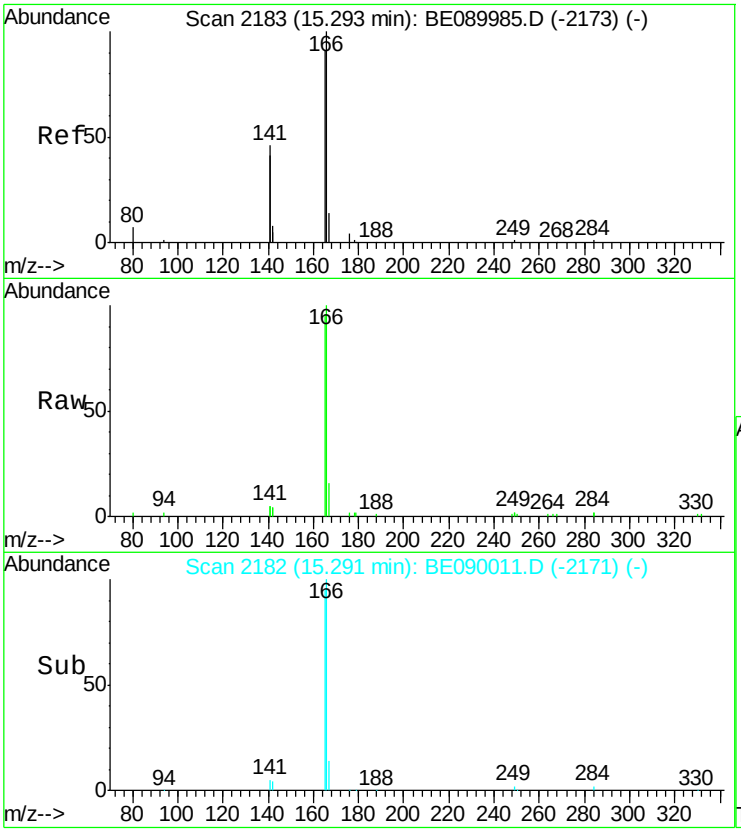


#16
Acenaphthene
Concen: 0.73 ng
RT: 14.30 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Tgt Ion:154 Resp: 14227

Ion	Ratio	Lower	Upper
154	100		
153	456.2	358.6	538.0
152	228.4	189.6	284.4



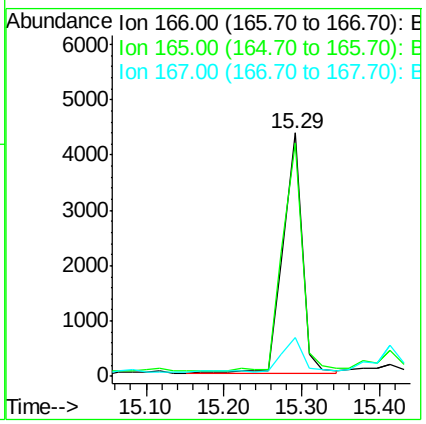


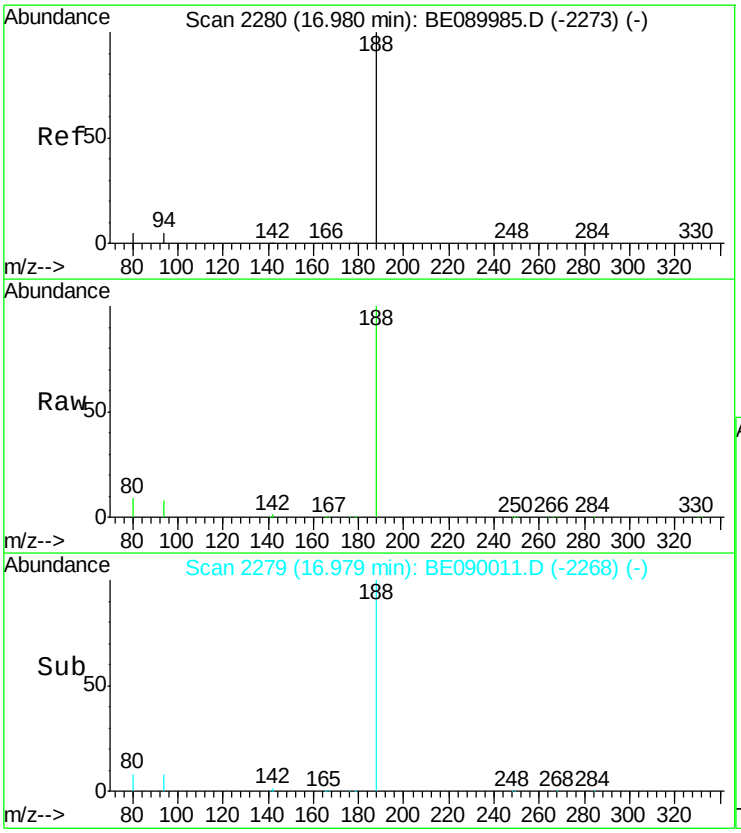
#17
Fluorene
Concen: 0.27 ng
RT: 15.29 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-D

Tgt Ion:166 Resp: 7219

Ion	Ratio	Lower	Upper
166	100		
165	101.5	79.0	118.6
167	17.1	11.8	17.8

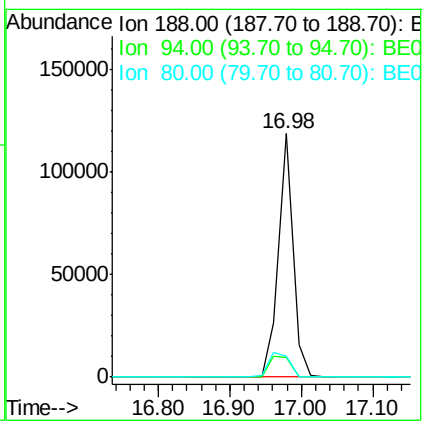


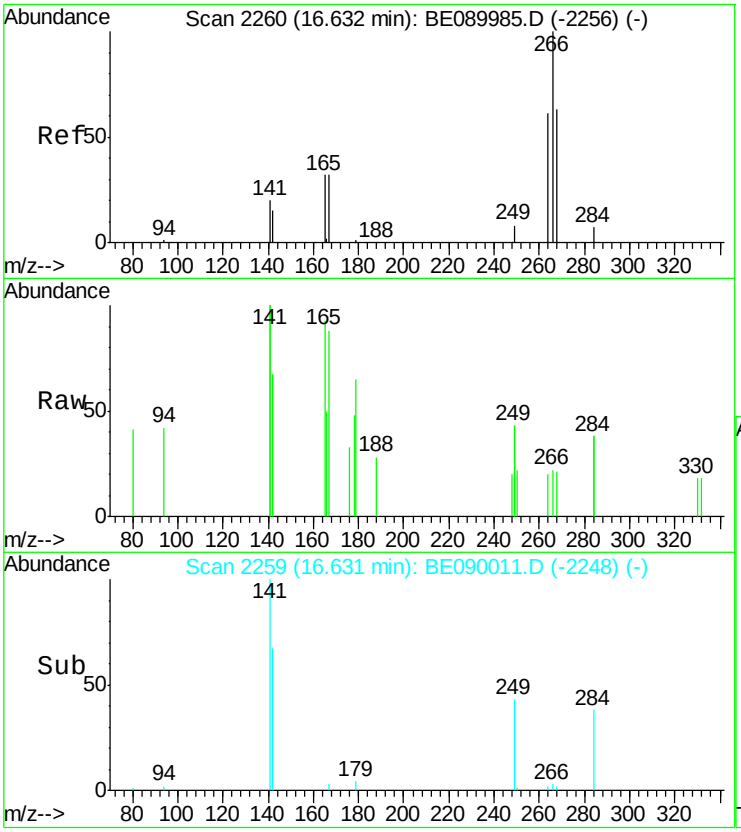


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Tgt Ion:188 Resp: 169396

Ion	Ratio	Lower	Upper
188	100		
94	8.1	4.1	6.1#
80	8.6	4.2	6.2#



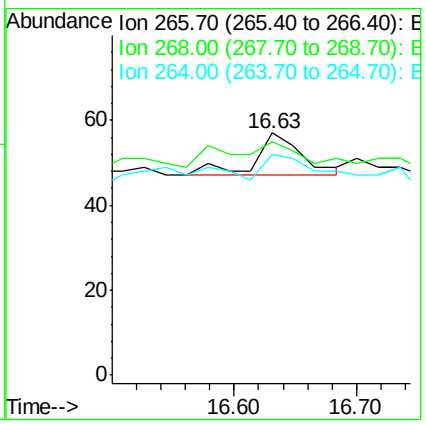


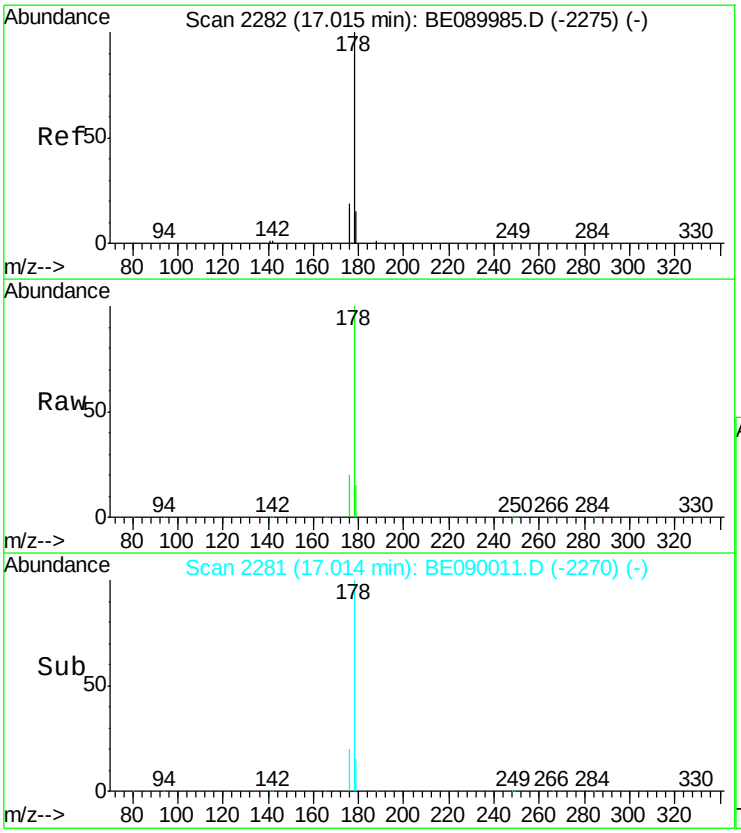
#21
Pentachlorophenol
Concen: 0.27 ng
RT: 16.63 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-D

Tgt Ion:266 Resp: 27

Ion	Ratio	Lower	Upper
266	100		
268	96.5	51.8	77.8#
264	91.2	50.2	75.2#

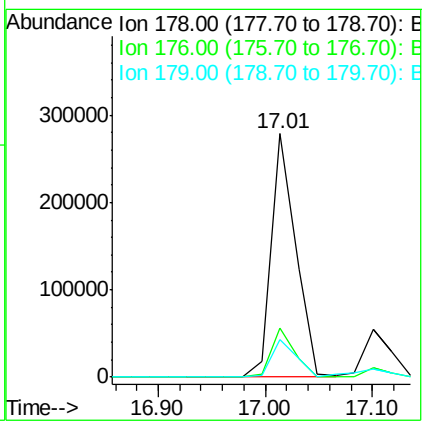


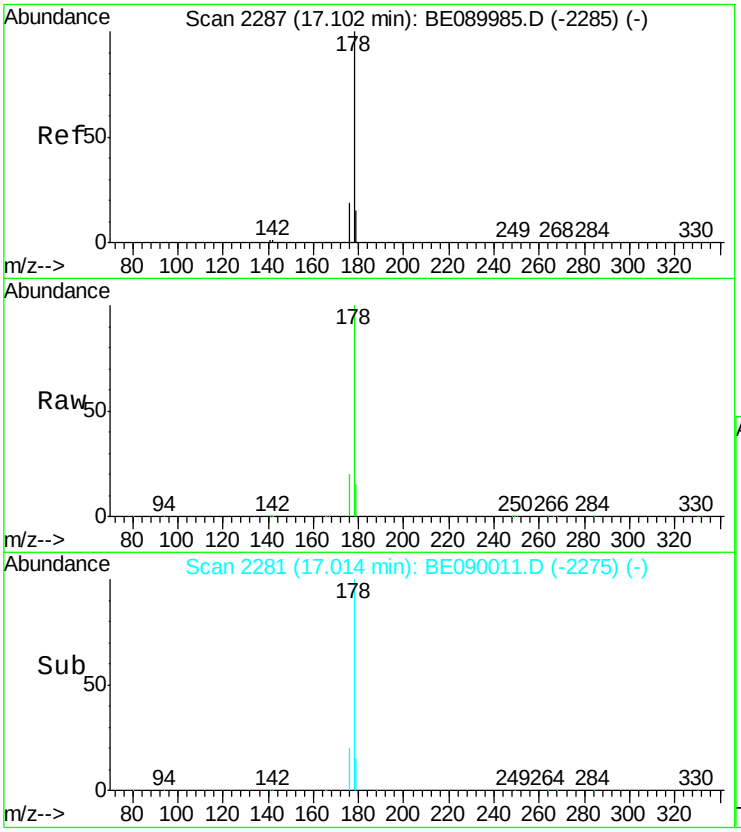


#22
Phenanthrene
Concen: 10.19 ng
RT: 17.01 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Tgt Ion:178 Resp: 442405

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	16.4	12.4	18.6



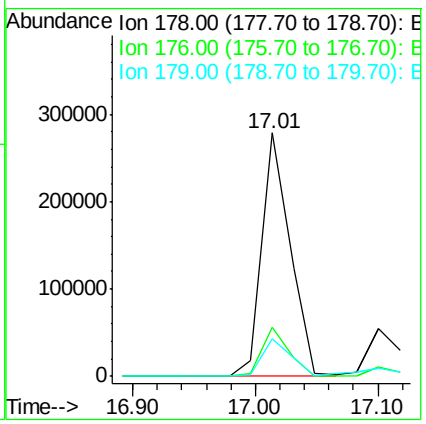


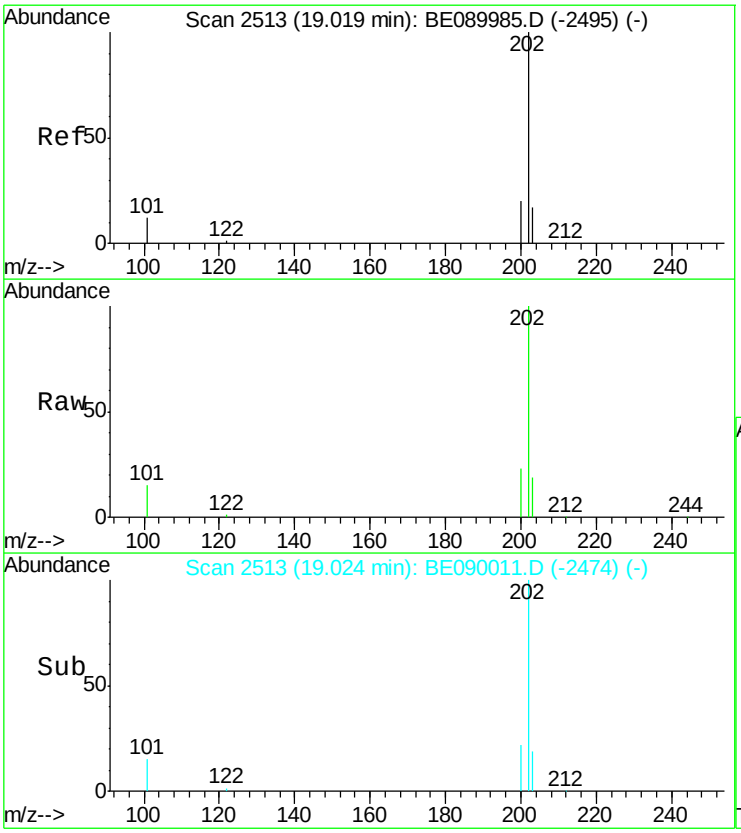
#23
Anthracene
Concen: 11.14 ng
RT: 17.01 min Scan# 2281
Delta R.T. -0.09 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-D

Tgt Ion:178 Resp: 442381

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.7	22.1
179	16.4	12.1	18.1

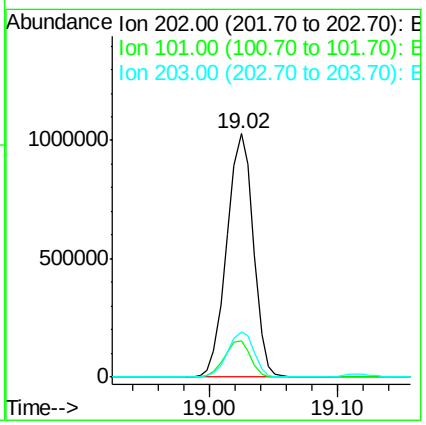


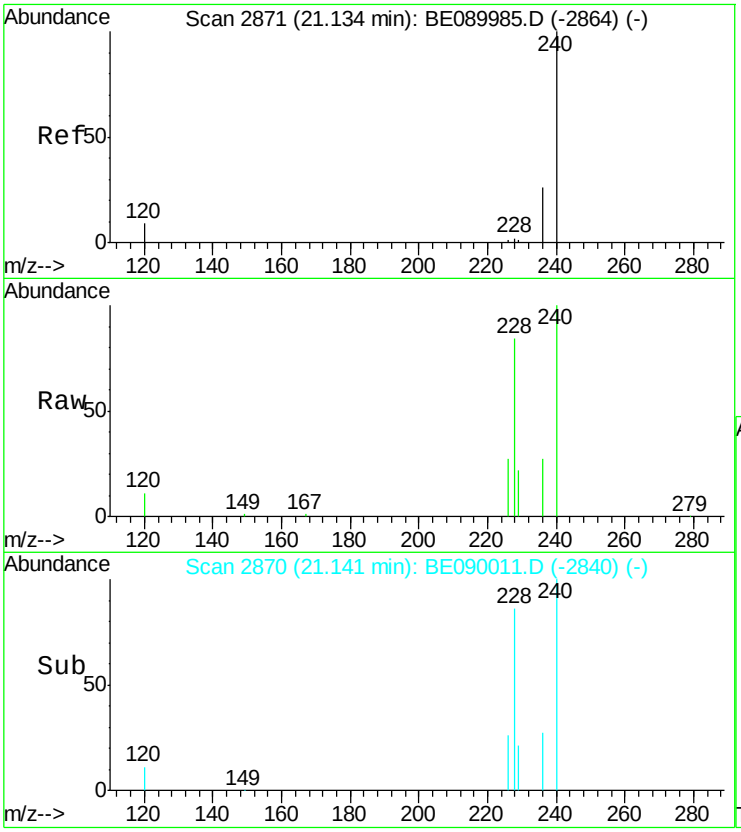


#24
Fluoranthene
Concen: 30.39 ng
RT: 19.02 min Scan# 2513
Delta R.T. 0.01 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Tgt Ion:202 Resp: 1473304

Ion	Ratio	Lower	Upper
202	100		
101	14.7	10.6	15.8
203	18.3	13.8	20.6



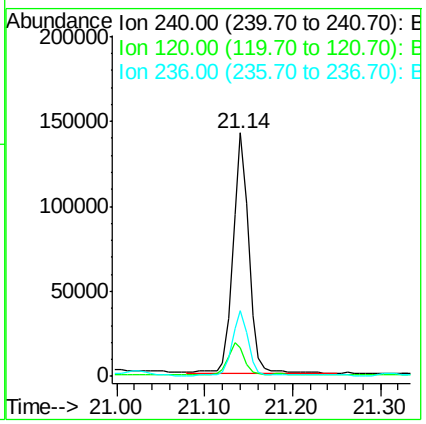


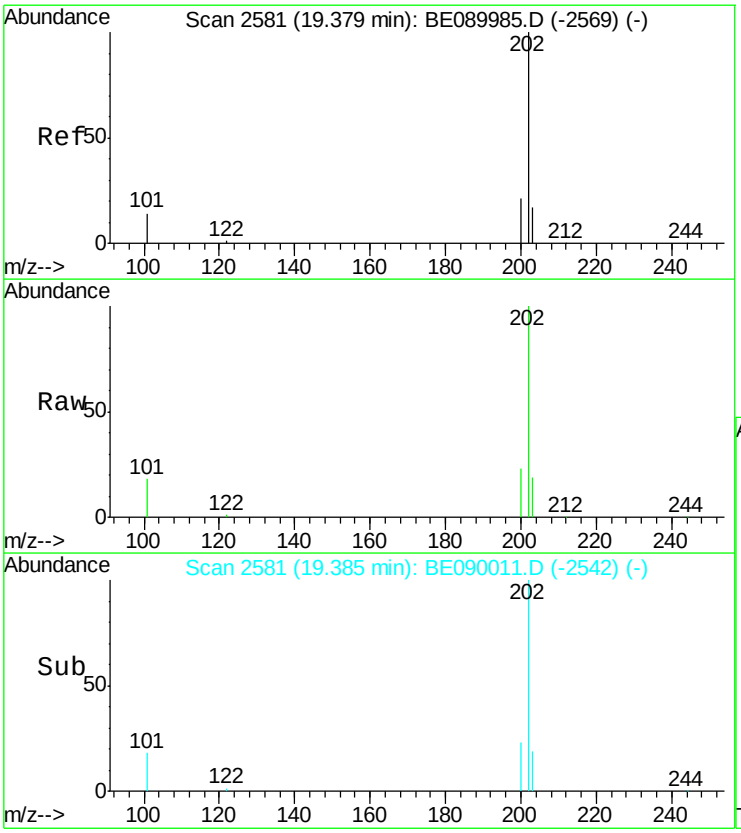
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.14 min Scan# 2870
Delta R.T. 0.01 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-D

Tgt Ion:240 Resp: 174694

Ion	Ratio	Lower	Upper
240	100		
120	11.5	6.9	10.3#
236	26.9	20.8	31.2

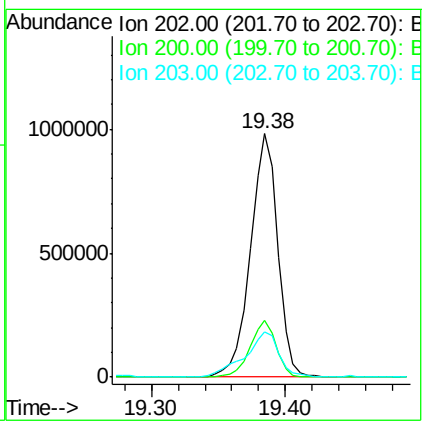


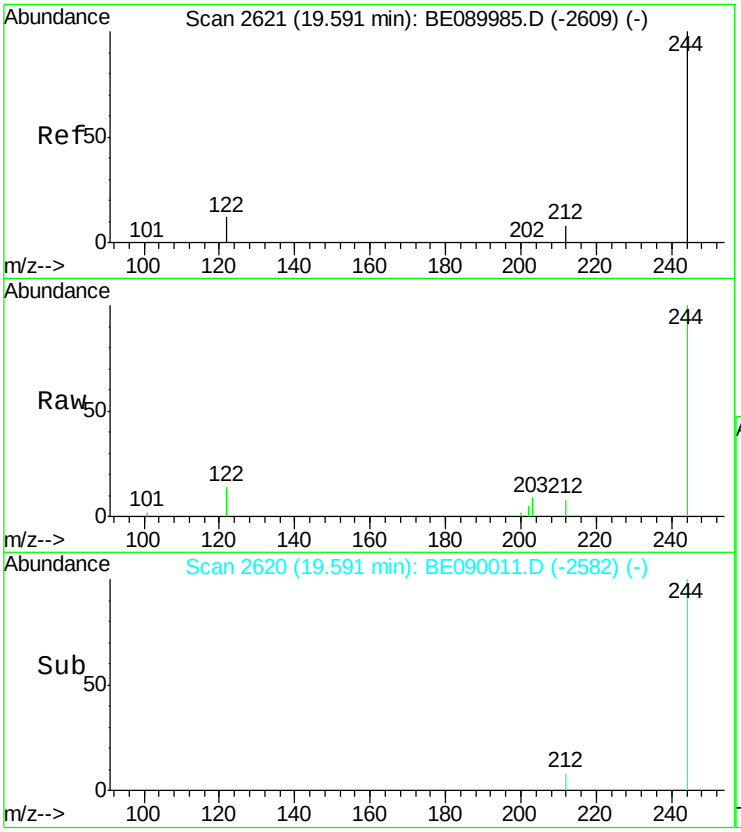


#26
Pyrene
Concen: 33.56 ng
RT: 19.38 min Scan# 2581
Delta R.T. 0.01 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Tgt Ion:202 Resp: 1397324

Ion	Ratio	Lower	Upper
202	100		
200	22.5	16.8	25.2
203	23.1	13.9	20.9#



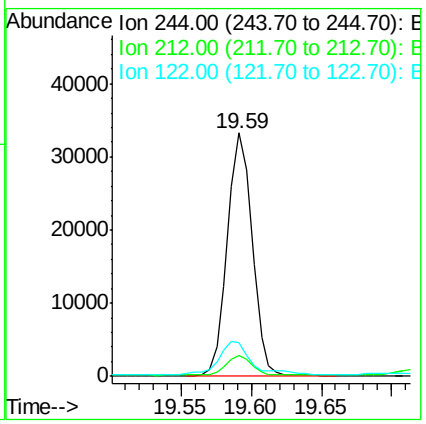


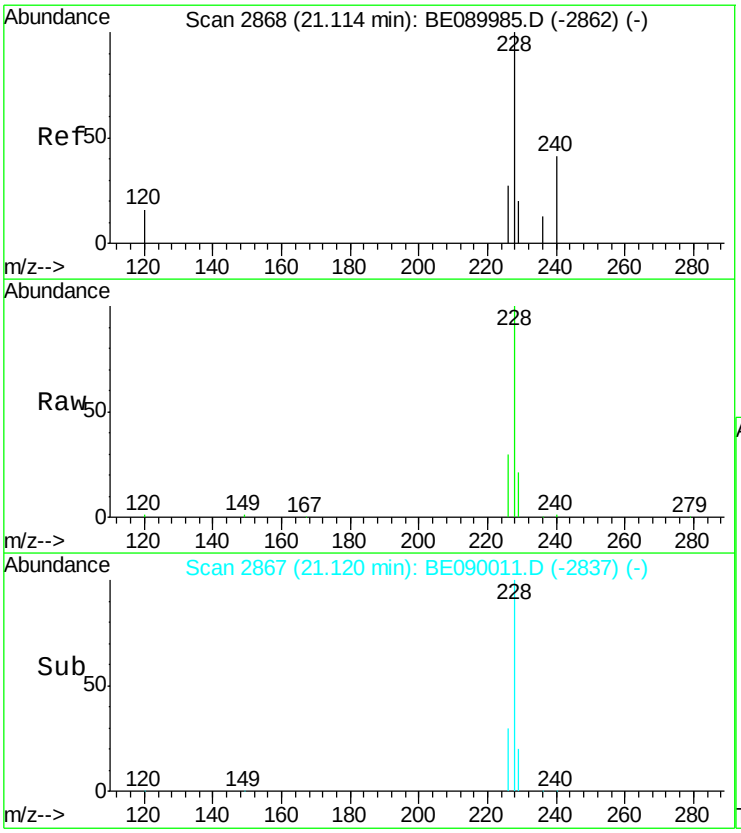
#27
Terphenyl-d14
Concen: 1.39 ng
RT: 19.59 min Scan# 2620
Delta R.T. 0.00 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-D

Tgt Ion:244 Resp: 40565

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.6	9.8
122	13.6	9.8	14.8

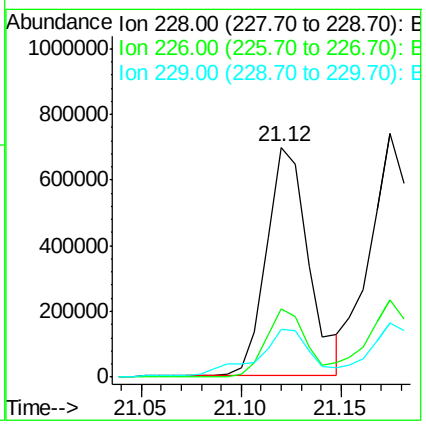


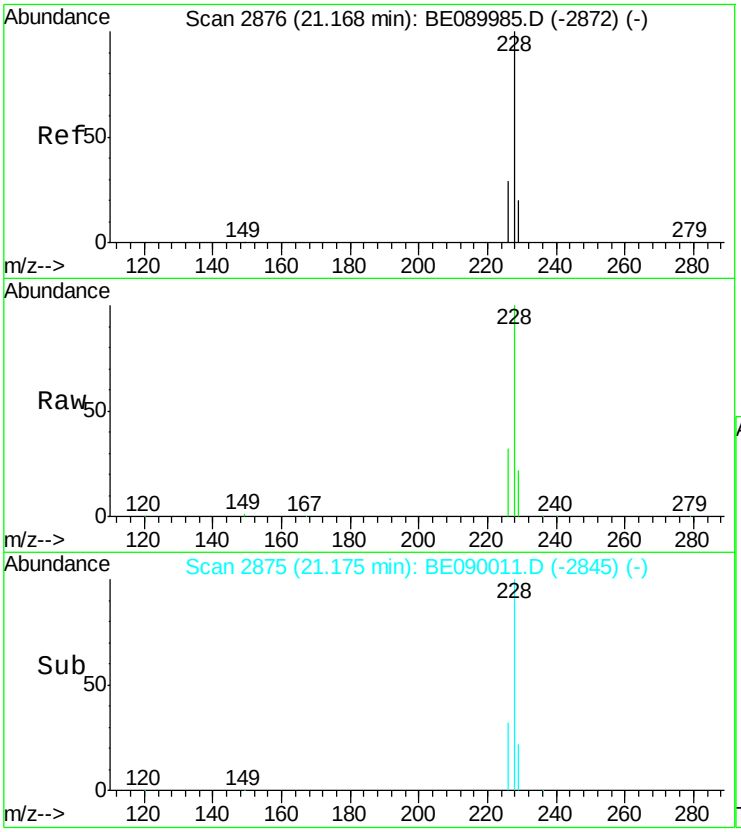


#28
Benzo(a)anthracene
Concen: 23.44 ng
RT: 21.12 min Scan# 2867
Delta R.T. 0.01 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Tgt Ion:228 Resp: 1022512

Ion	Ratio	Lower	Upper
228	100		
226	29.9	21.8	32.6
229	20.7	15.8	23.6



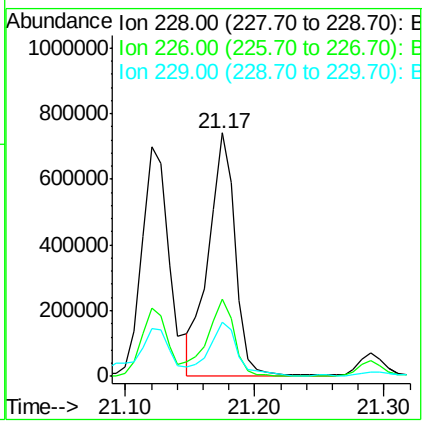


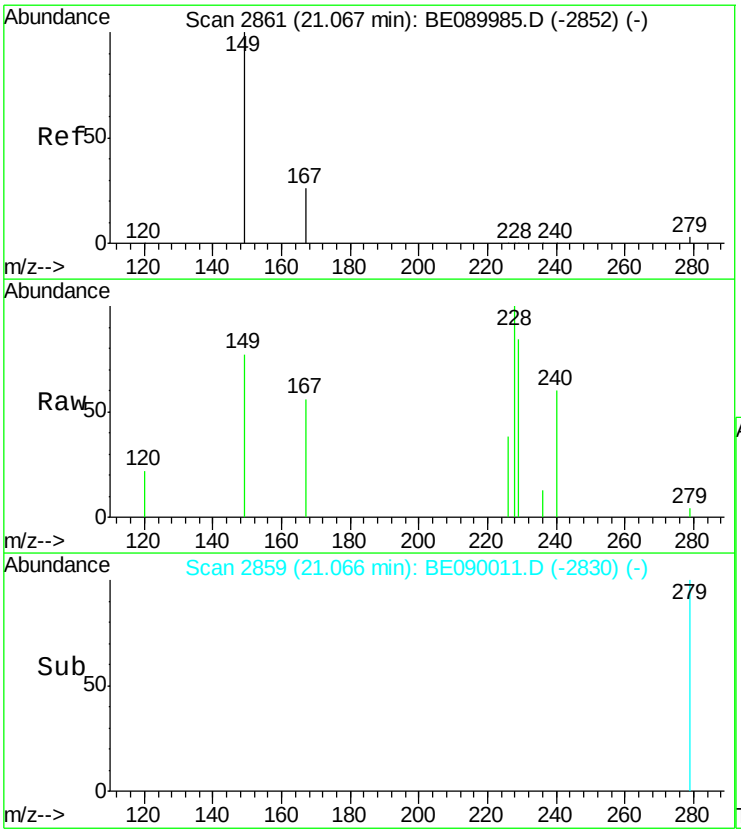
#29
Chrysene
Concen: 23.33 ng
RT: 21.17 min Scan# 2875
Delta R.T. 0.01 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-D

Tgt Ion:228 Resp: 1056896

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.4	35.0
229	22.3	16.2	24.2

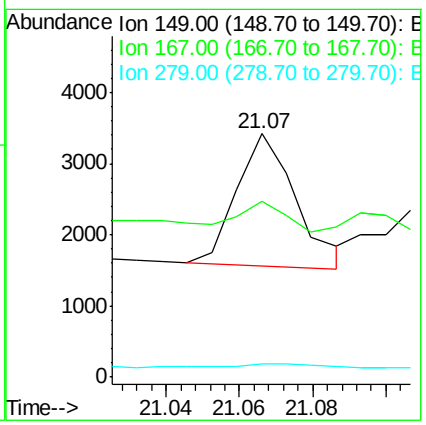


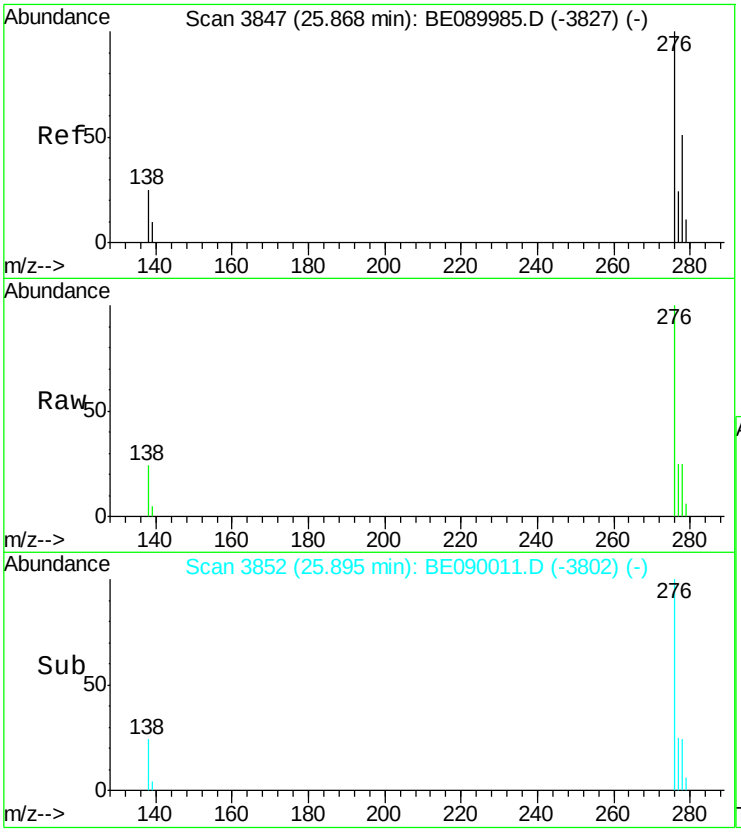


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.40 ng
RT: 21.07 min Scan# 2859
Delta R.T. 0.00 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Tgt Ion:149 Resp: 2096

Ion	Ratio	Lower	Upper
149	100		
167	0.0	20.3	30.5#
279	3.7	2.6	3.8



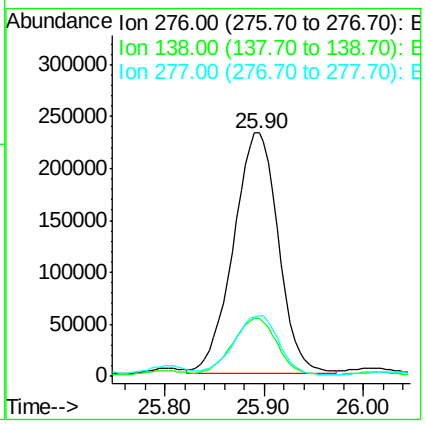


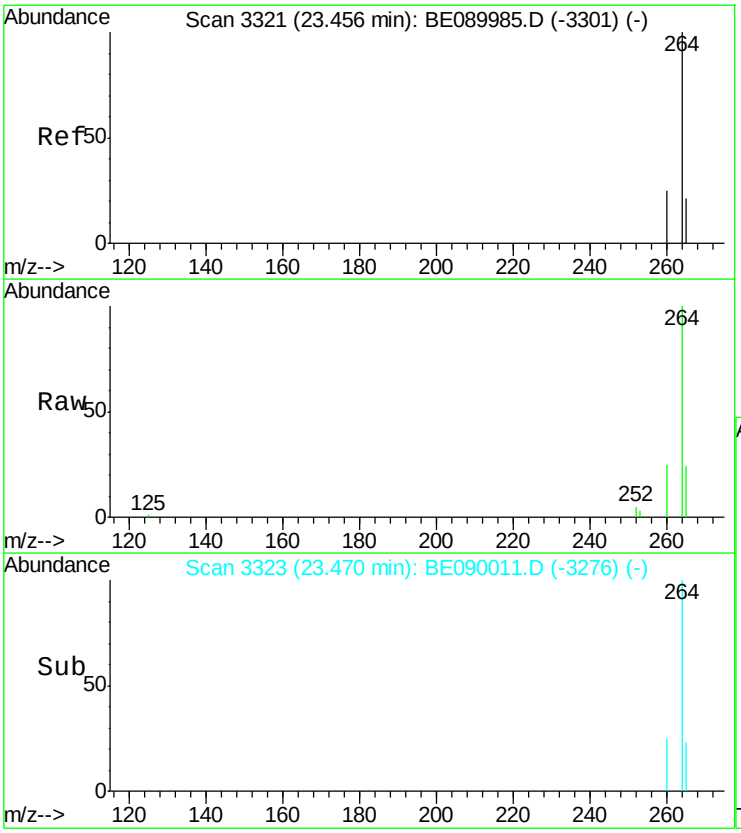
#31
Indeno(1,2,3-cd)pyrene
Concen: 16.88 ng
RT: 25.90 min Scan# 3852
Delta R.T. 0.03 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-D

Tgt Ion:276 Resp: 733340

Ion	Ratio	Lower	Upper
276	100		
138	23.2	21.3	31.9
277	24.2	19.7	29.5

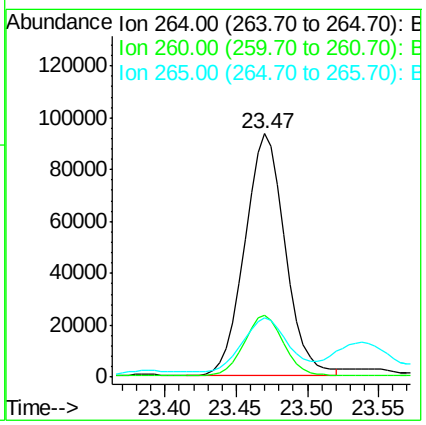


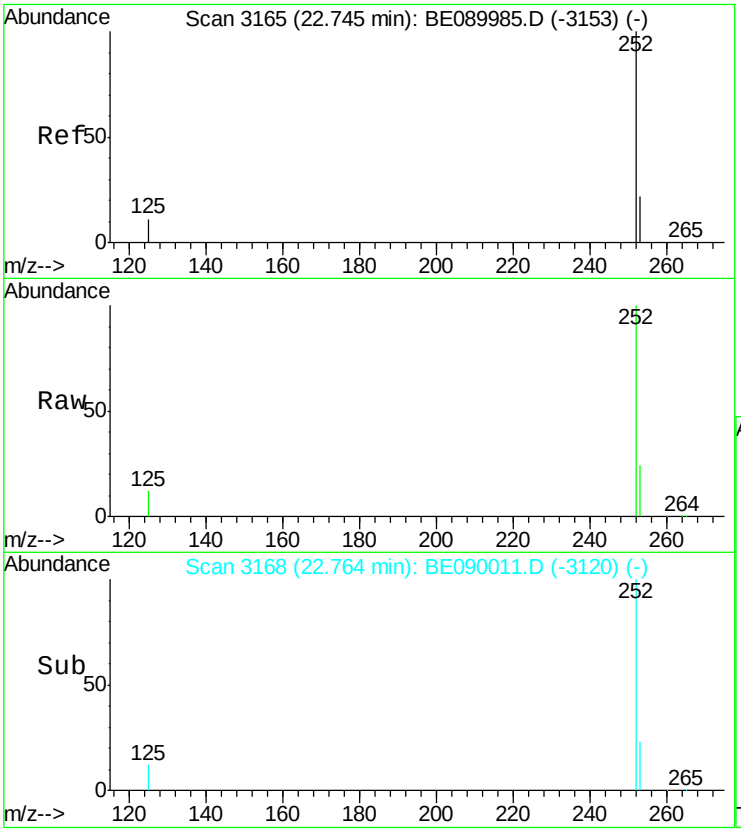


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 3323
Delta R.T. 0.01 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Tgt Ion:264 Resp: 184787

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.2
265	24.2	17.1	25.7



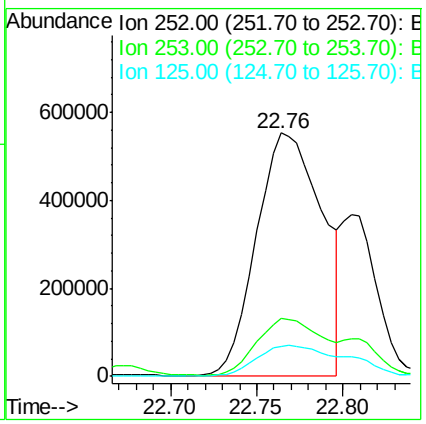


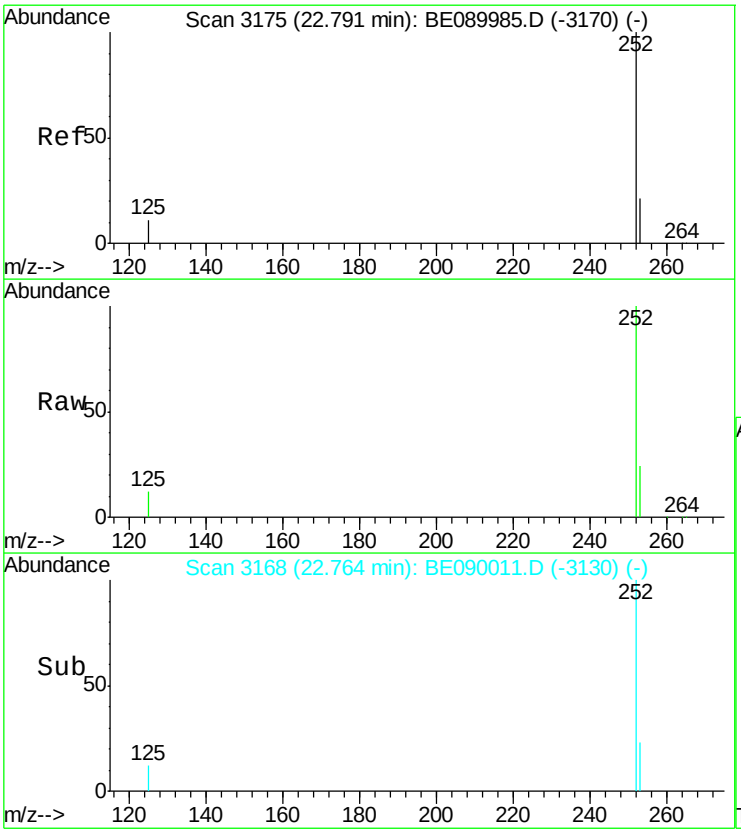
#33
Benzo(b)fluoranthene
Concen: 35.81 ng
RT: 22.76 min Scan# 3168
Delta R.T. 0.02 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-D

Tgt Ion:252 Resp: 1459694

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.8
125	12.5	9.0	13.4

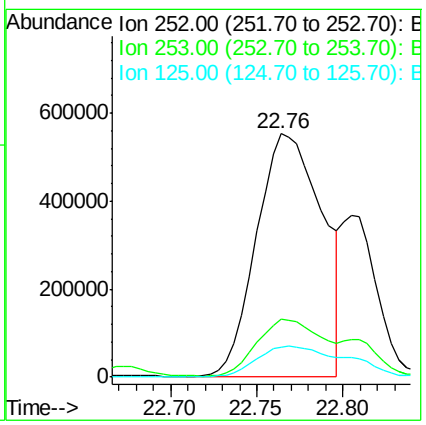


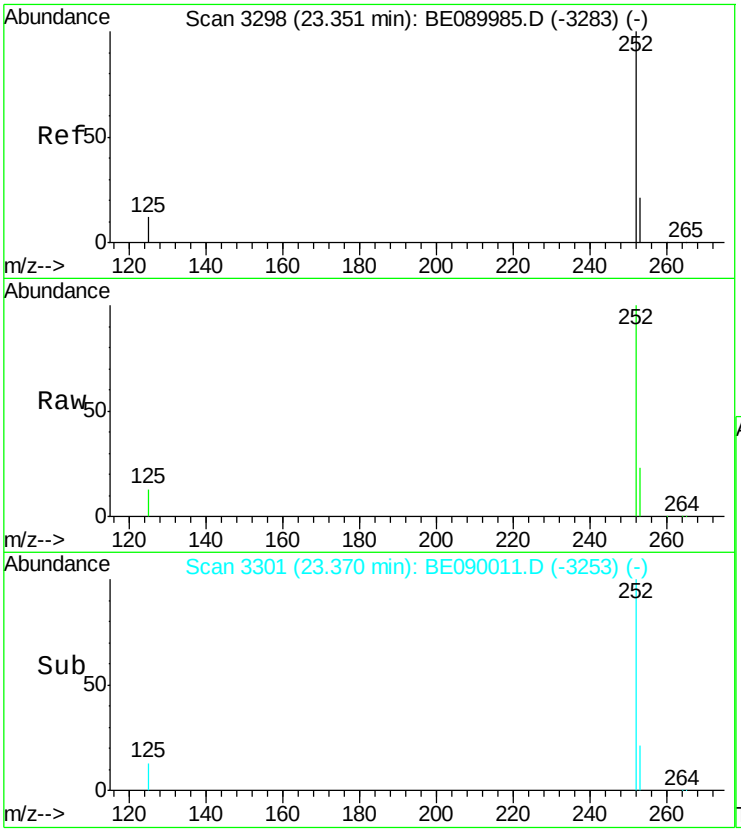


#34
Benzo(k)fluoranthene
Concen: 32.05 ng
RT: 22.76 min Scan# 3168
Delta R.T. -0.03 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Tgt Ion:252 Resp: 1459694

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	12.5	9.5	14.3



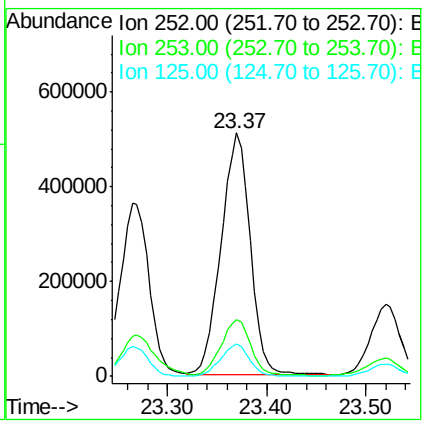


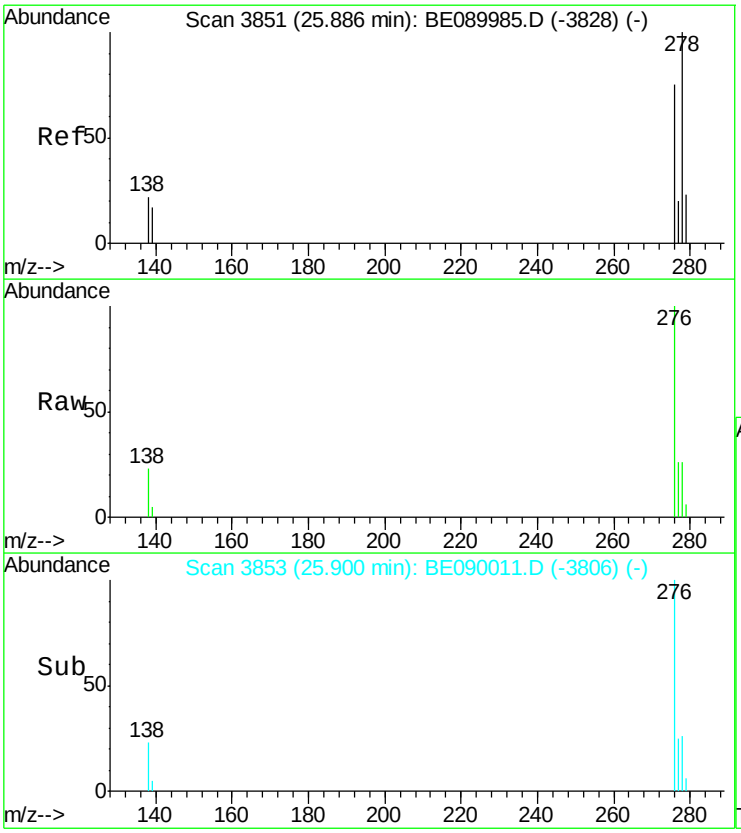
#35
Benzo(a)pyrene
Concen: 27.38 ng
RT: 23.37 min Scan# 3301
Delta R.T. 0.02 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-D

Tgt Ion:252 Resp: 1030541

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	13.2	10.5	15.7

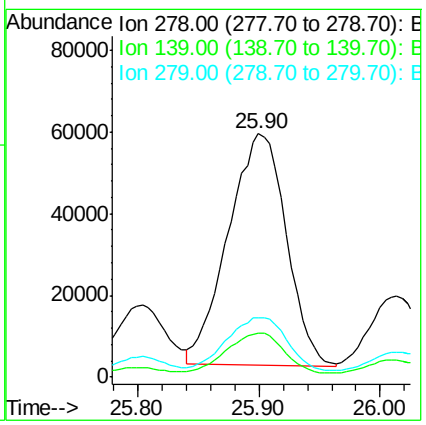


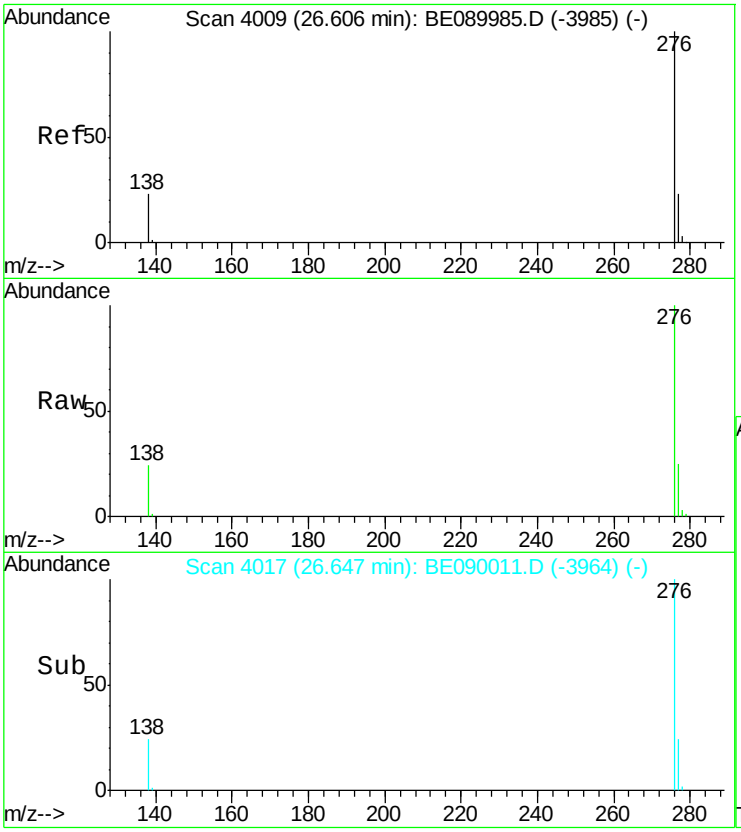


#36
Dibenzo(a,h)anthracene
Concen: 4.85 ng
RT: 25.90 min Scan# 3853
Delta R.T. 0.01 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Tgt Ion:278 Resp: 187418

Ion	Ratio	Lower	Upper
278	100		
139	18.0	14.4	21.6
279	24.6	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 18.70 ng
RT: 26.65 min Scan# 4017
Delta R.T. 0.04 min
Lab File: BE090011.D
Acq: 30 Jun 2015 10:06

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-D

Tgt Ion:276 Resp: 732654

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.8	28.2
138	23.8	18.6	27.8