Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE063015\
Data File : BE090033.D
Acq On : 1 Jul 2015 5:59
Operator : TP/IZ
Sample : G2811-01DL 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : X1SS0520006-150625-DDL

Quant Time: Jul 01 08:46:14 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	7.61	152	16340	5.00	ng		0.00
6) Naphthalene-d8	10.37	136	70464	5.00	ng		-0.01
12) Acenaphthene-d10	14.23	164	38800	5.00	ng		0.00
18) Phenanthrene-d10	16.96	188	86290	5.00	ng		-0.02
25) Chrysene-d12	21.12	240	109103	5.00	ng		-0.01
32) Perylene-d12	23.44	264	106742	5.00	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	869	0.23	ng		0.00
5) Phenol-d6	6.80	99	1207	0.23	ng		0.00
7) Nitrobenzene-d5	8.76	82	766	0.14	ng		0.00
13) 2,4,6-Tribromophenol	15.73	330	212	0.19	ng		0.00
14) 2-Fluorobiphenyl	12.85	172	1826	0.16	ng		0.00
27) Terphenyl-d14	19.58	244	2712	0.15	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.42	128	1030	0.06	ng	#	83
16) Acenaphthene	14.29	154	901	0.09	ng		98
22) Phenanthrene	17.00	178	28905	1.31	ng		100
23) Anthracene	17.10	178	5726m	0.28	ng		
24) Fluoranthene	19.01	202	111630	4.52	ng		100
26) Pyrene	19.37	202	105988	4.08	ng	#	96
28) Benzo(a)anthracene	21.11	228	82930	3.04	ng		99
29) Chrysene	21.15	228	89800	3.17	ng		98
31) Indeno(1,2,3-cd)pyrene	25.84	276	49661	1.83	ng		97
33) Benzo(b)fluoranthene	22.73	252	117897	5.01	ng		99
34) Benzo(k)fluoranthene	22.77	252	44688m	1.70	ng		
35) Benzo(a)pyrene	23.33	252	80473	3.70	ng		98
36) Dibenzo(a,h)anthracene	25.85	278	12385	0.55	ng		95
37) Benzo(g,h,i)perylene	26.58	276	51797	2.29	ng		98

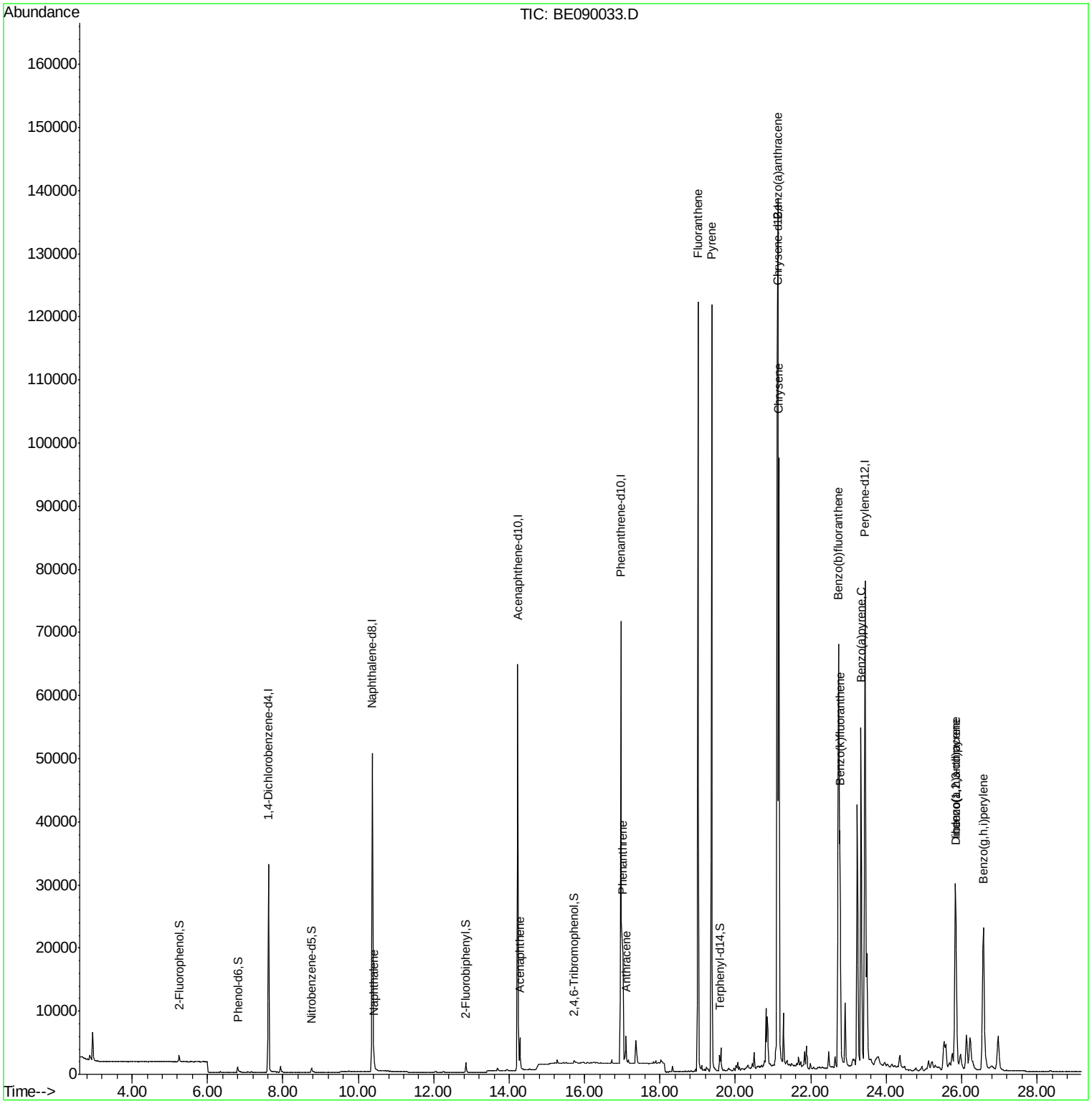
(#) = qualifier out of range (m) = manual integration (+) = signals summed

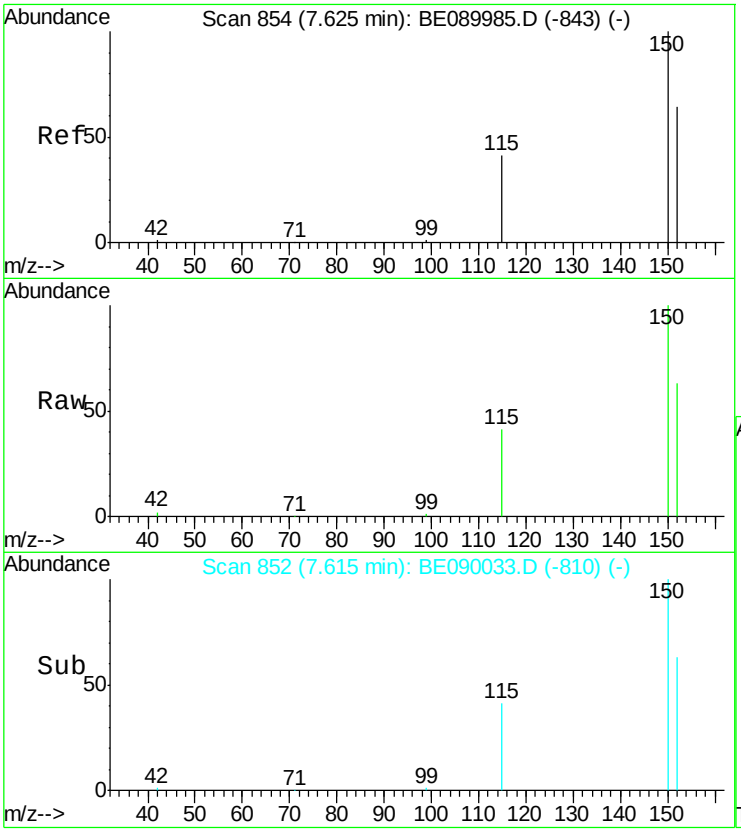
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE063015\
Data File : BE090033.D
Acq On : 1 Jul 2015 5:59
Operator : TP/IZ
Sample : G2811-01DL 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-DDL

Quant Time: Jul 01 08:46:14 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



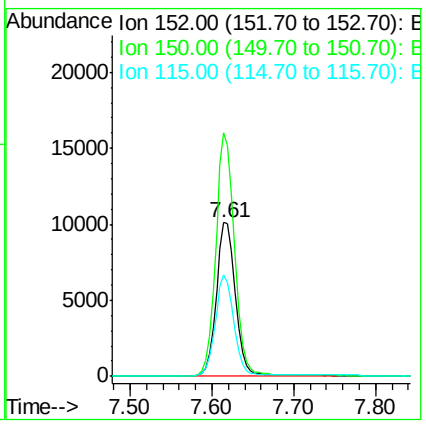


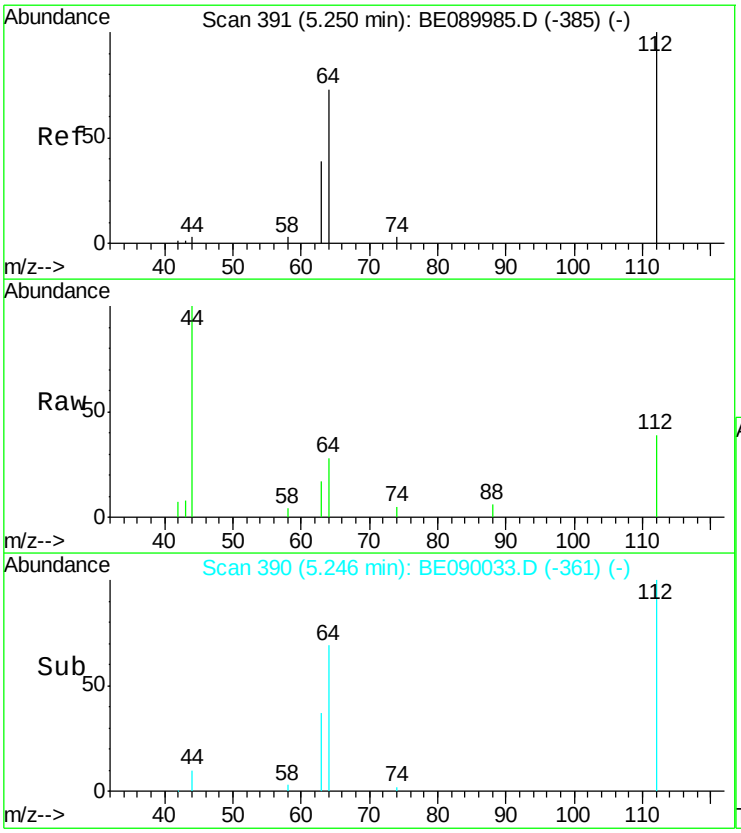
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 852
Delta R.T. -0.01 min
Lab File: BE090033.D
Acq: 1 Jul 2015 5:59

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-DDL

Tgt Ion:152 Resp: 16340

Ion	Ratio	Lower	Upper
152	100		
150	158.5	123.9	185.9
115	65.8	50.6	76.0

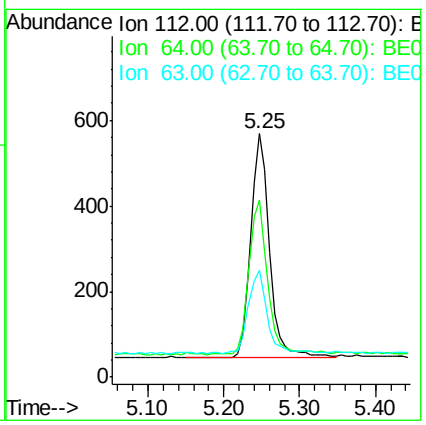


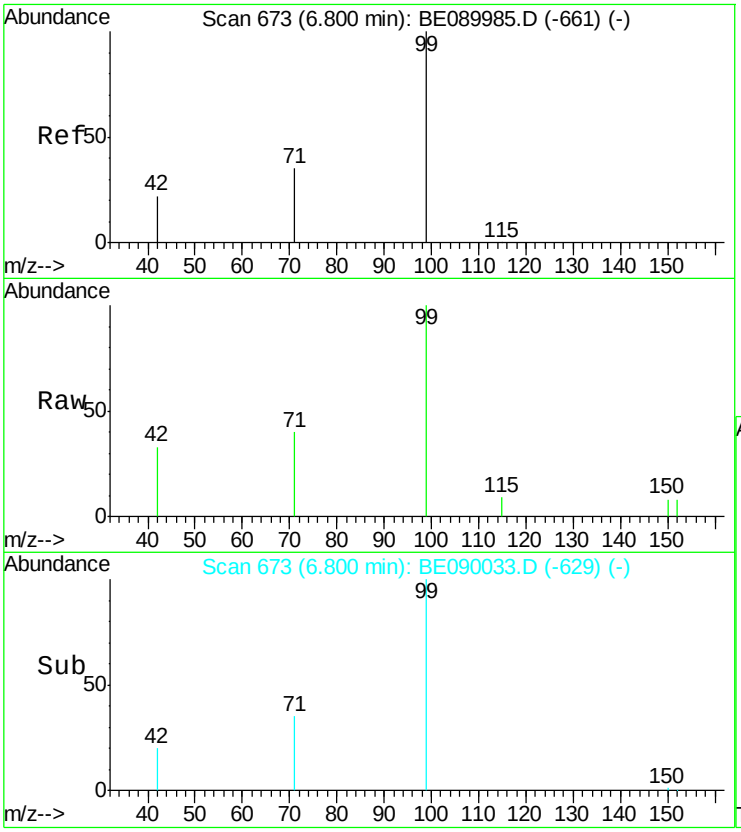


#4
2-Fluorophenol
Concen: 0.23 ng
RT: 5.25 min Scan# 390
Delta R.T. -0.00 min
Lab File: BE090033.D
Acq: 1 Jul 2015 5:59

Tgt Ion:112 Resp: 869

Ion	Ratio	Lower	Upper
112	100		
64	68.4	56.3	84.5
63	36.6	29.8	44.6



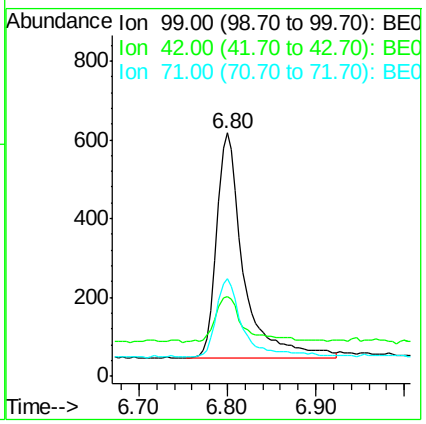


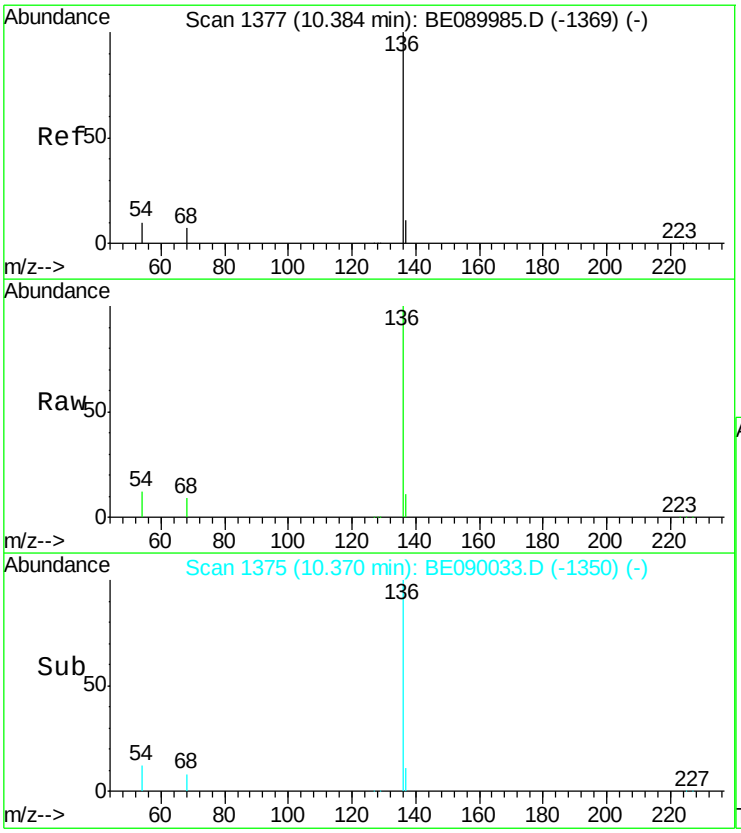
#5
Phenol-d6
Concen: 0.23 ng
RT: 6.80 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE090033.D
Acq: 1 Jul 2015 5:59

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-DDL

Tgt Ion: 99 Resp: 1207

Ion	Ratio	Lower	Upper
99	100		
42	22.0	18.7	28.1
71	33.3	27.5	41.3

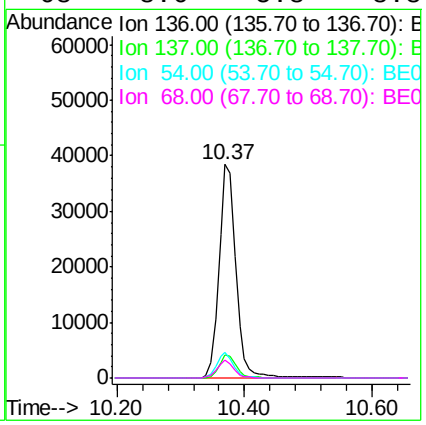


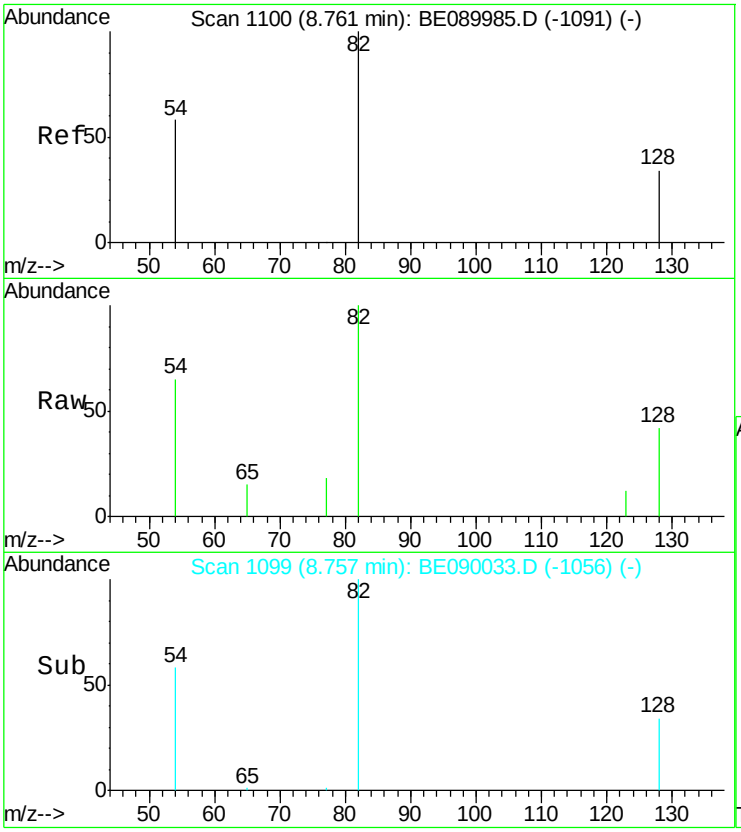


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.37 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BE090033.D
Acq: 1 Jul 2015 5:59

Tgt Ion:136 Resp: 70464

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	12.1	8.2	12.4
68	8.6	5.8	8.8



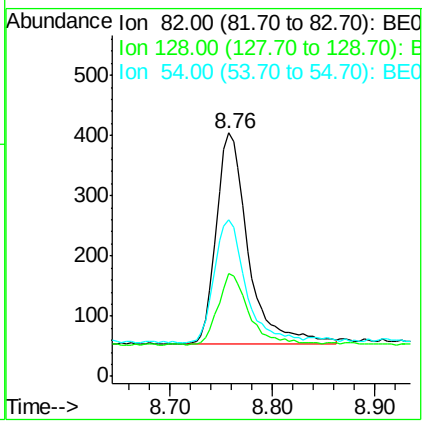


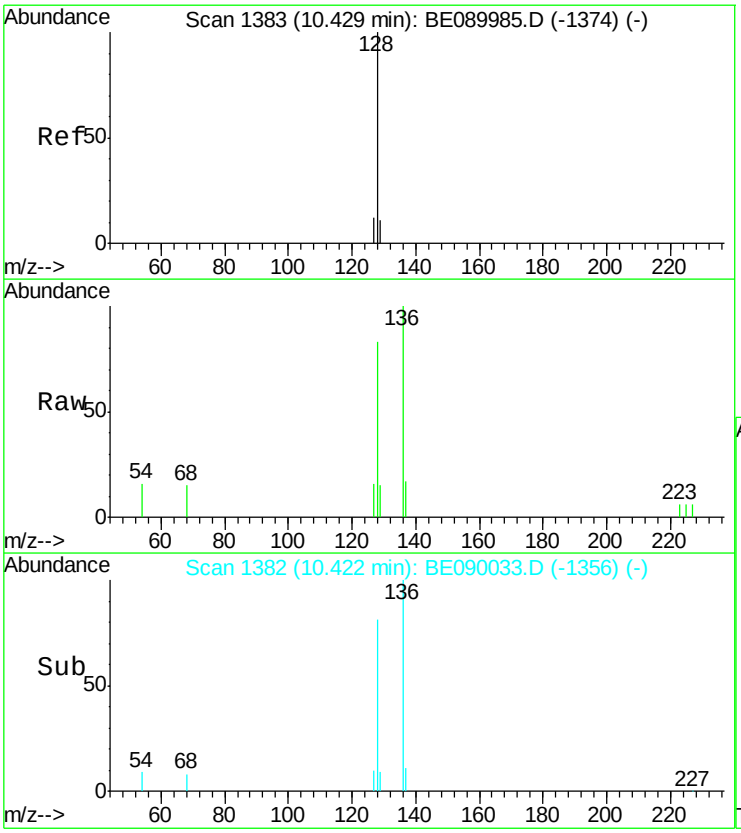
#7
Nitrobenzene-d5
Concen: 0.14 ng
RT: 8.76 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BE090033.D
Acq: 1 Jul 2015 5:59

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-DDL

Tgt Ion: 82 Resp: 766

Ion	Ratio	Lower	Upper
82	100		
128	42.3	28.0	42.0#
54	64.6	47.6	71.4

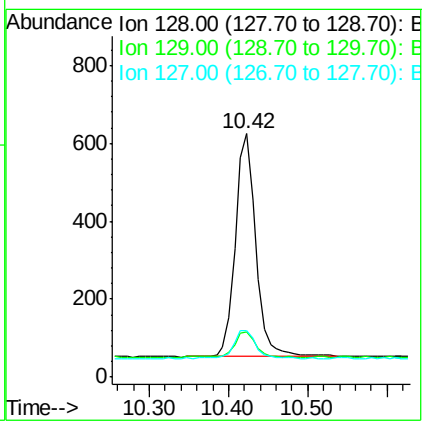


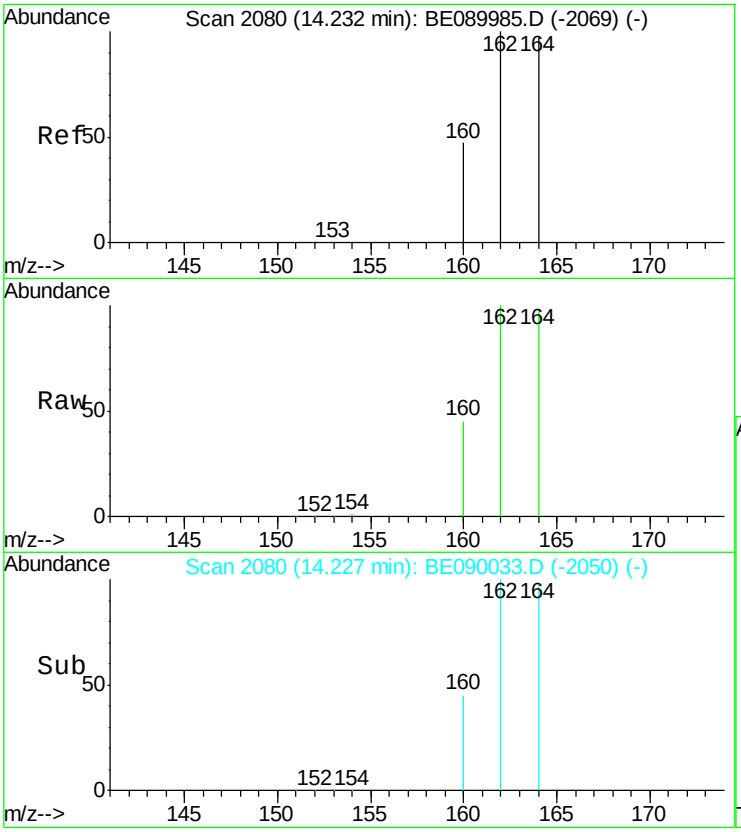


#9
Naphthalene
Concen: 0.06 ng
RT: 10.42 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BE090033.D
Acq: 1 Jul 2015 5:59

Tgt Ion:128 Resp: 1030

Ion	Ratio	Lower	Upper
128	100		
129	18.6	9.3	13.9#
127	19.0	10.2	15.4#



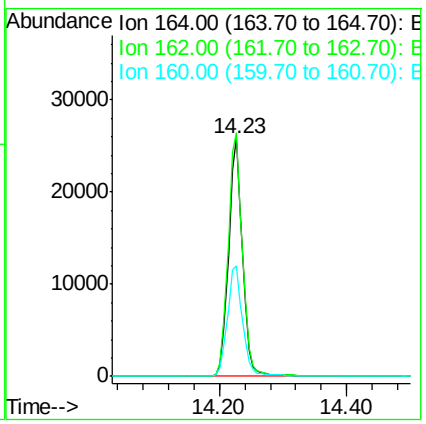


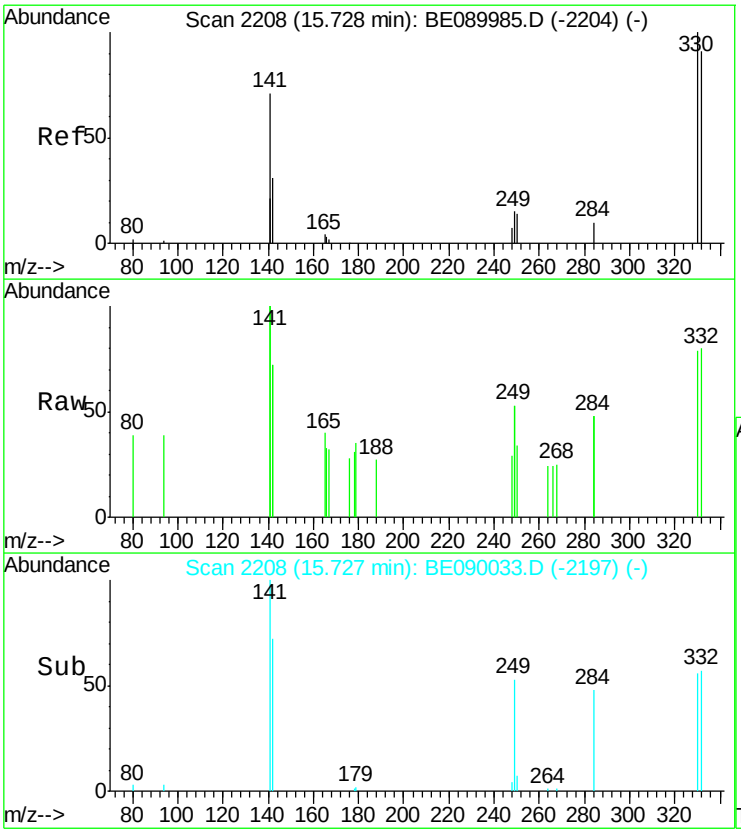
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.23 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BE090033.D
Acq: 1 Jul 2015 5:59

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-DDL

Tgt Ion:164 Resp: 38800

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.2	123.4
160	46.2	39.0	58.6

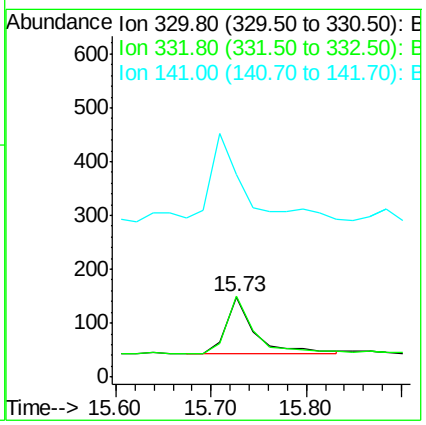


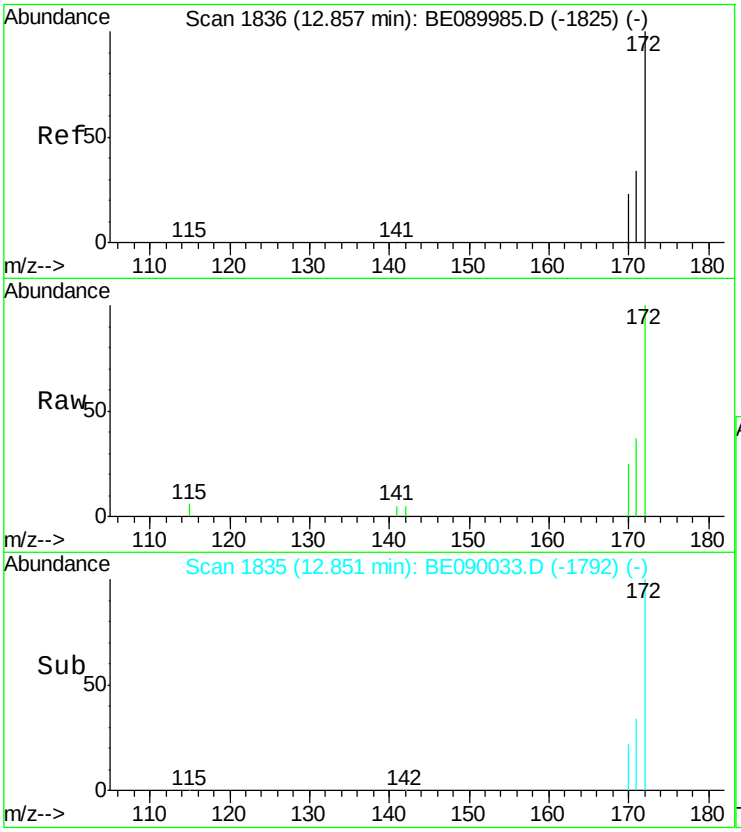


#13
2,4,6-Tribromophenol
Concen: 0.19 ng
RT: 15.73 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BE090033.D
Acq: 1 Jul 2015 5:59

Tgt Ion:330 Resp: 212

Ion	Ratio	Lower	Upper
330	100		
332	99.5	76.4	114.6
141	213.7	130.3	195.5#



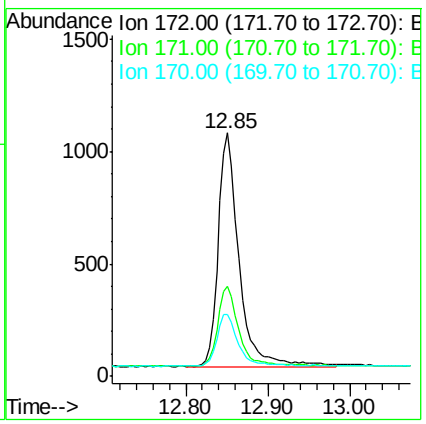


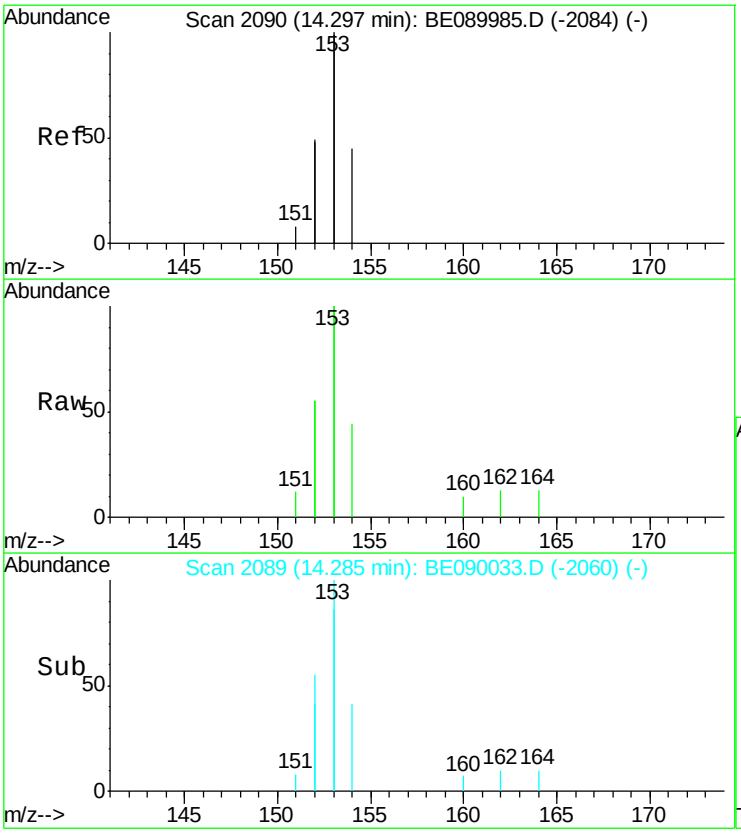
#14
2-Fluorobiphenyl
Concen: 0.16 ng
RT: 12.85 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BE090033.D
Acq: 1 Jul 2015 5:59

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-DDL

Tgt Ion:172 Resp: 1826

Ion	Ratio	Lower	Upper
172	100		
171	37.1	27.8	41.6
170	25.5	18.3	27.5

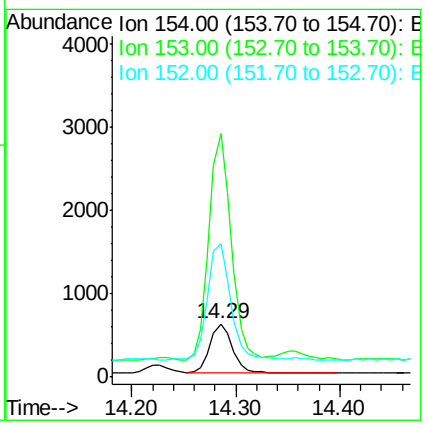


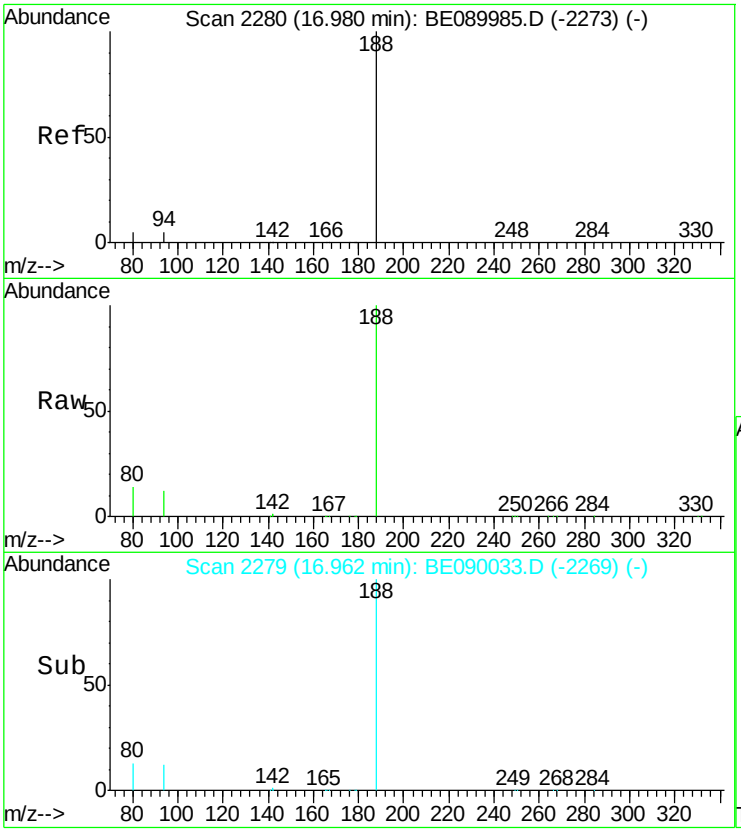


#16
Acenaphthene
Concen: 0.09 ng
RT: 14.29 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BE090033.D
Acq: 1 Jul 2015 5:59

Tgt Ion:154 Resp: 901

Ion	Ratio	Lower	Upper
154	100		
153	455.0	358.6	538.0
152	239.8	189.6	284.4



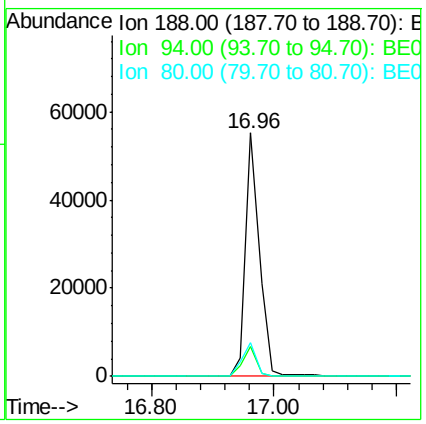


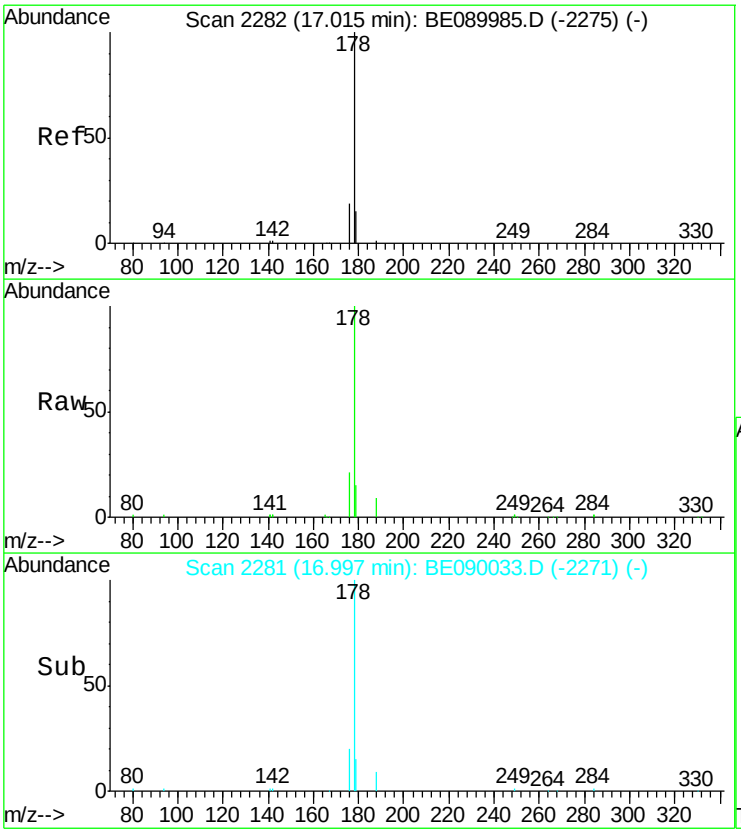
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.96 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BE090033.D
Acq: 1 Jul 2015 5:59

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-DDL

Tgt Ion:188 Resp: 86290

Ion	Ratio	Lower	Upper
188	100		
94	12.3	4.1	6.1#
80	13.6	4.2	6.2#

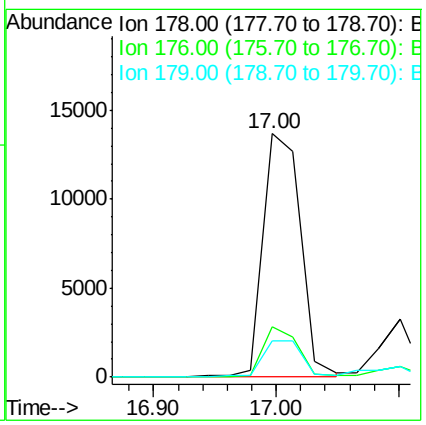


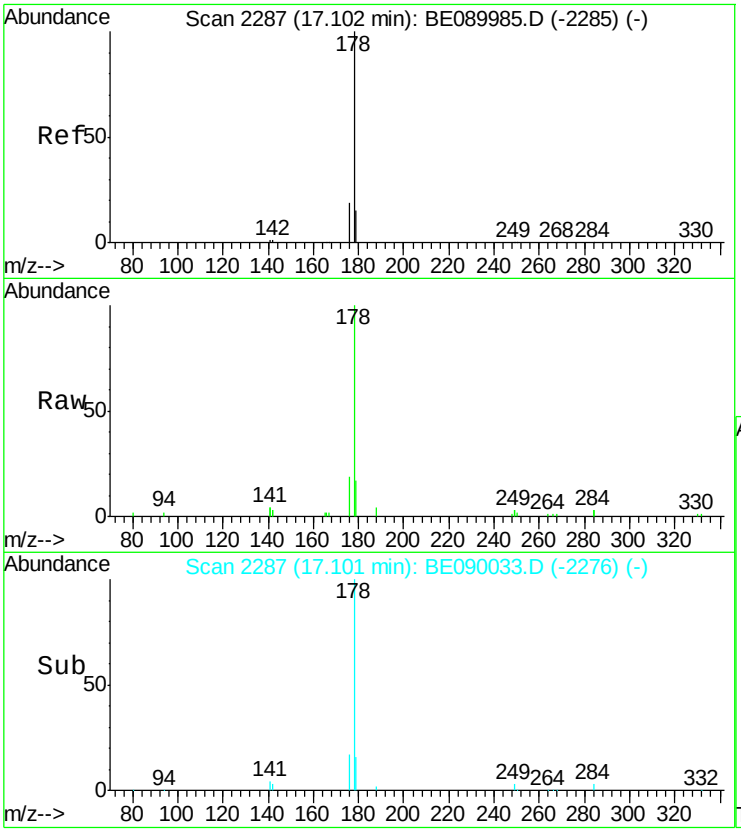


#22
Phenanthrene
Concen: 1.31 ng
RT: 17.00 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BE090033.D
Acq: 1 Jul 2015 5:59

Tgt Ion:178 Resp: 28905

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.6	12.4	18.6



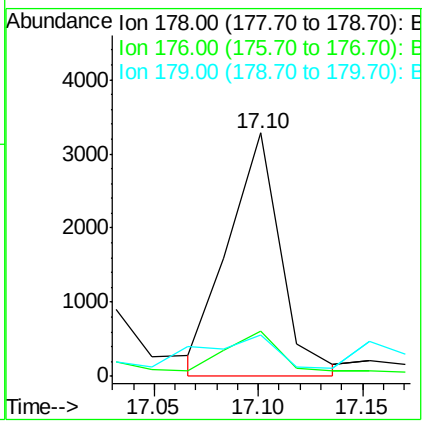


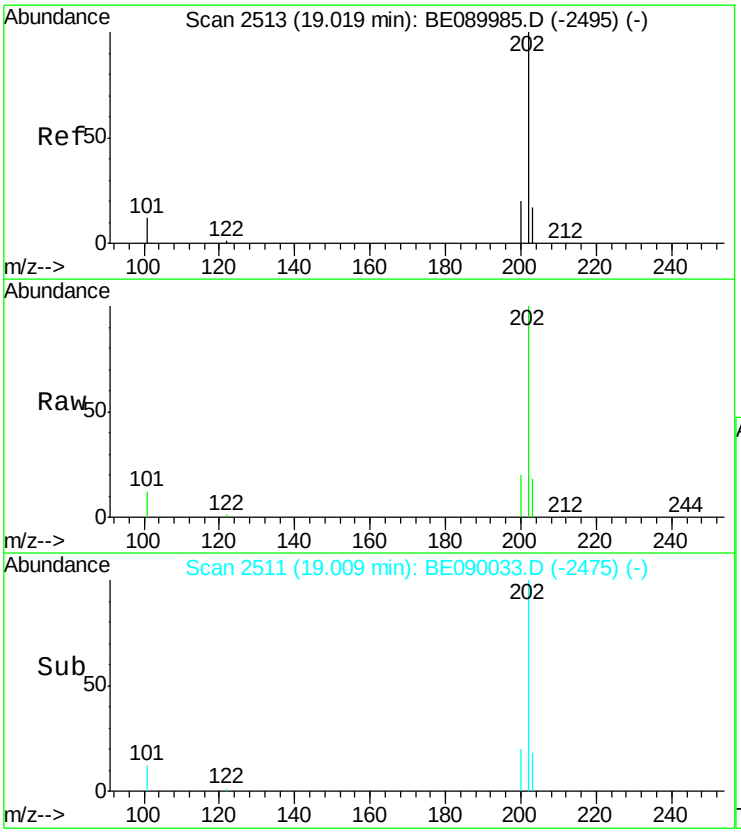
#23
Anthracene
Concen: 0.28 ng m
RT: 17.10 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BE090033.D
Acq: 1 Jul 2015 5:59

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-DDL

Tgt Ion:178 Resp: 5726

Ion	Ratio	Lower	Upper
178	100		
176	96.2	14.7	22.1#
179	78.6	12.1	18.1#

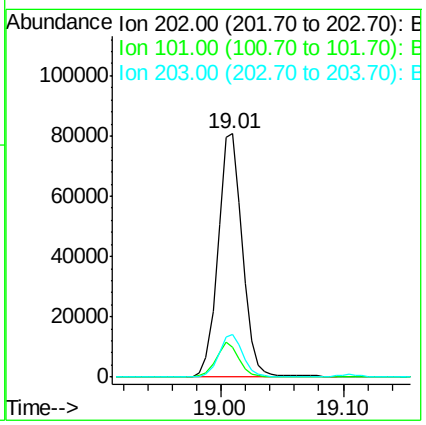


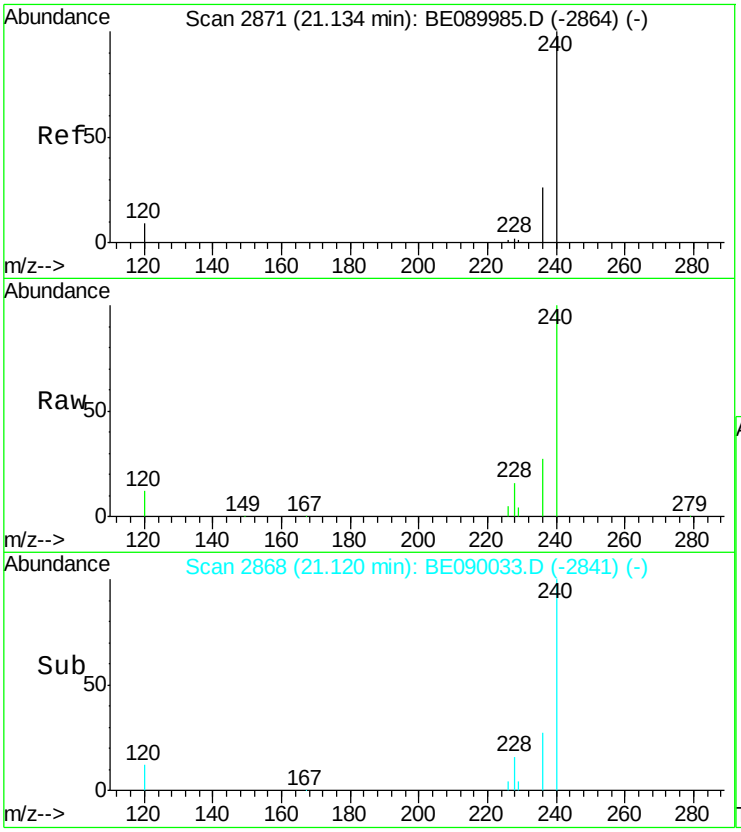


#24
Fluoranthene
Concen: 4.52 ng
RT: 19.01 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BE090033.D
Acq: 1 Jul 2015 5:59

Tgt Ion:202 Resp: 111630

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.6	15.8
203	17.1	13.8	20.6



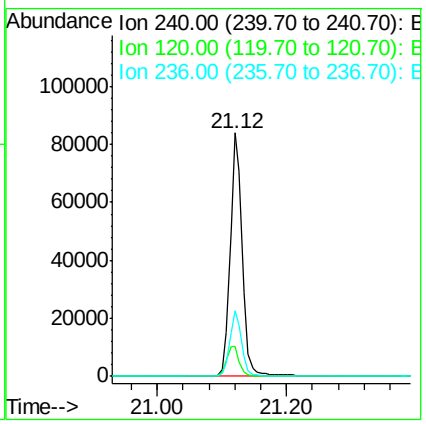


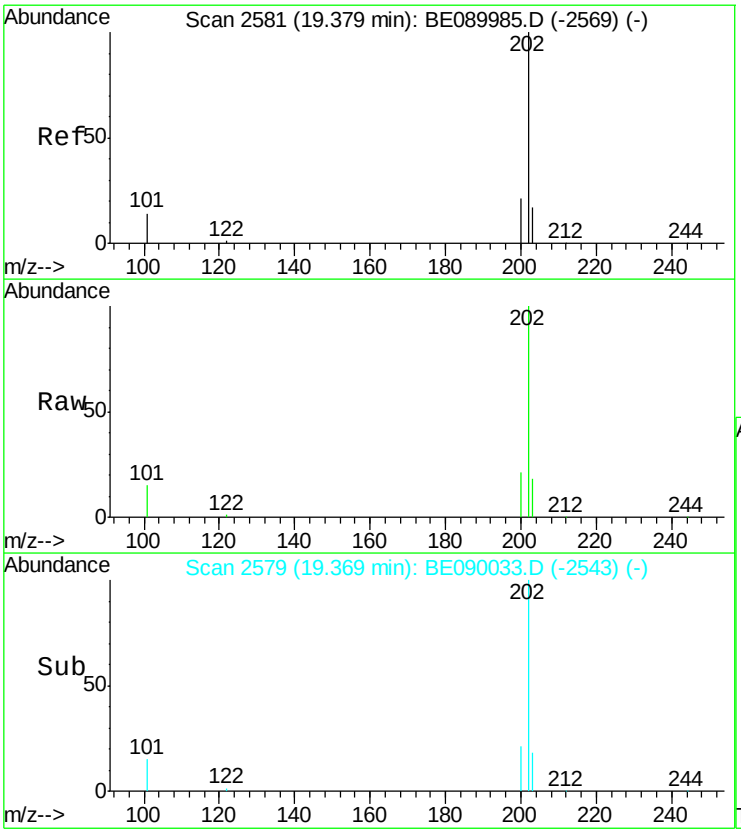
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.12 min Scan# 2868
Delta R.T. -0.01 min
Lab File: BE090033.D
Acq: 1 Jul 2015 5:59

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-DDL

Tgt Ion:240 Resp: 109103

Ion	Ratio	Lower	Upper
240	100		
120	12.3	6.9	10.3#
236	27.2	20.8	31.2

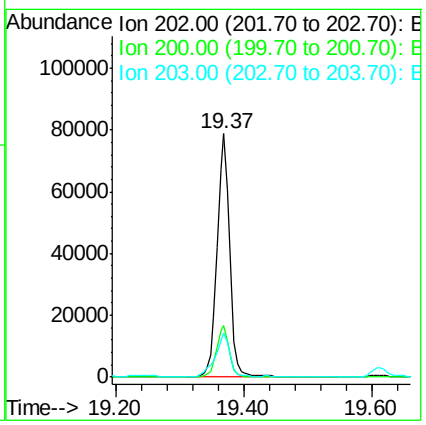


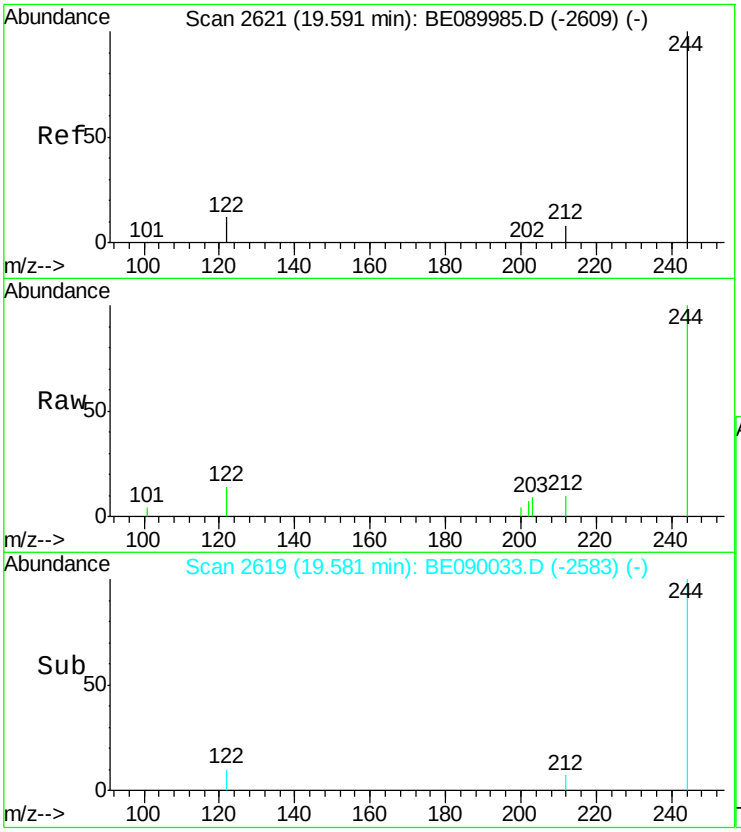


#26
Pyrene
Concen: 4.08 ng
RT: 19.37 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BE090033.D
Acq: 1 Jul 2015 5:59

Tgt Ion:202 Resp: 105988

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	21.0	13.9	20.9#



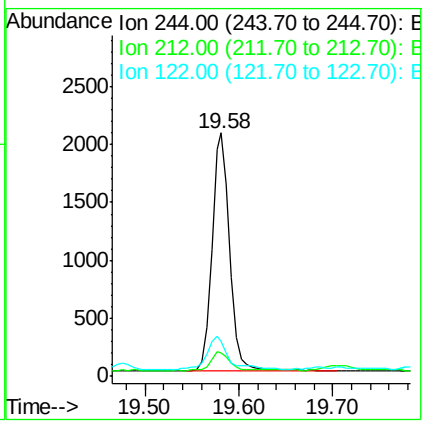


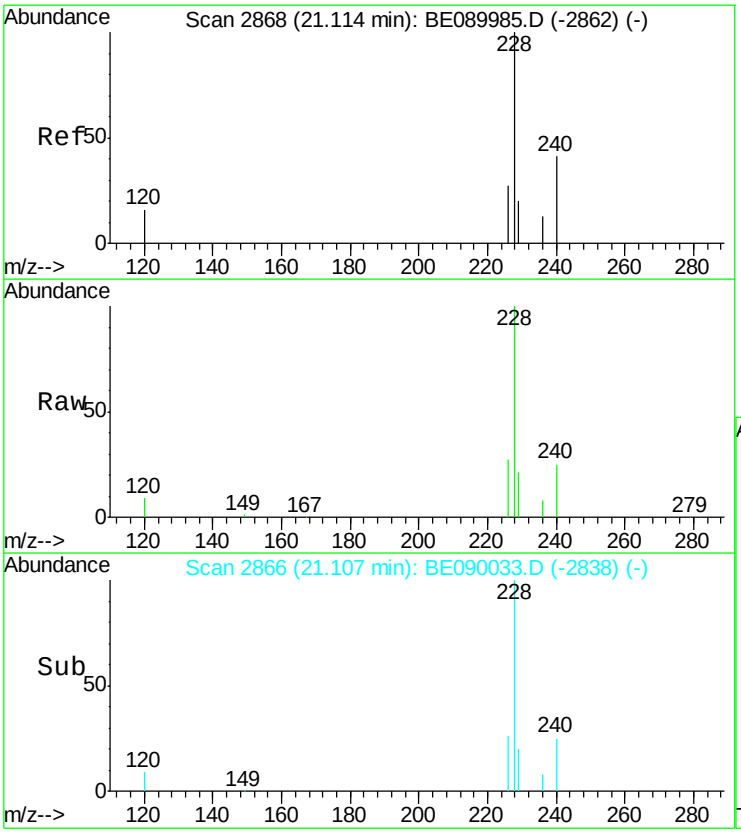
#27
Terphenyl-d14
Concen: 0.15 ng
RT: 19.58 min Scan# 2619
Delta R.T. -0.01 min
Lab File: BE090033.D
Acq: 1 Jul 2015 5:59

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-DDL

Tgt Ion:244 Resp: 2712

Ion	Ratio	Lower	Upper
244	100		
212	9.8	6.6	9.8
122	14.2	9.8	14.8

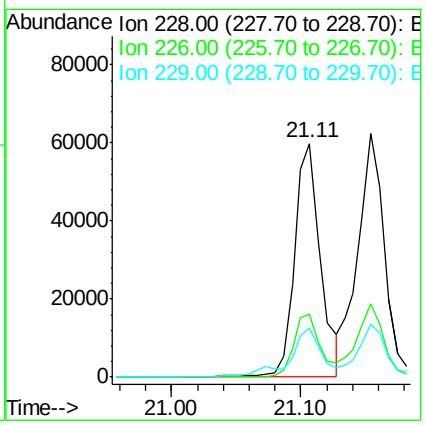


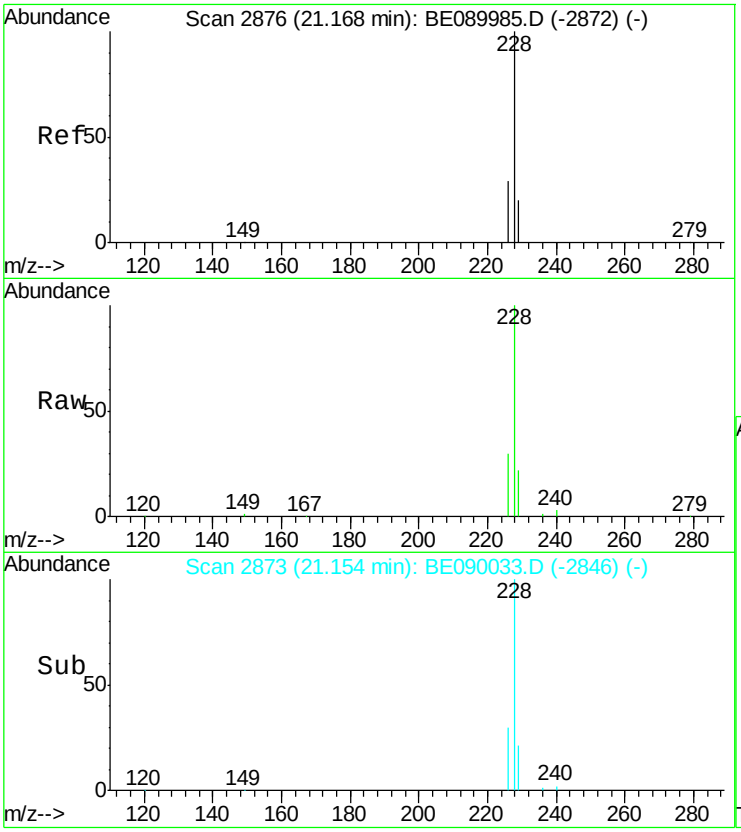


#28
Benzo(a)anthracene
Concen: 3.04 ng
RT: 21.11 min Scan# 2866
Delta R.T. -0.01 min
Lab File: BE090033.D
Acq: 1 Jul 2015 5:59

Tgt Ion:228 Resp: 82930

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.8	32.6
229	20.8	15.8	23.6



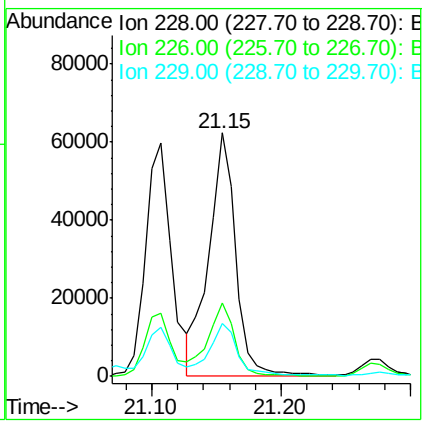


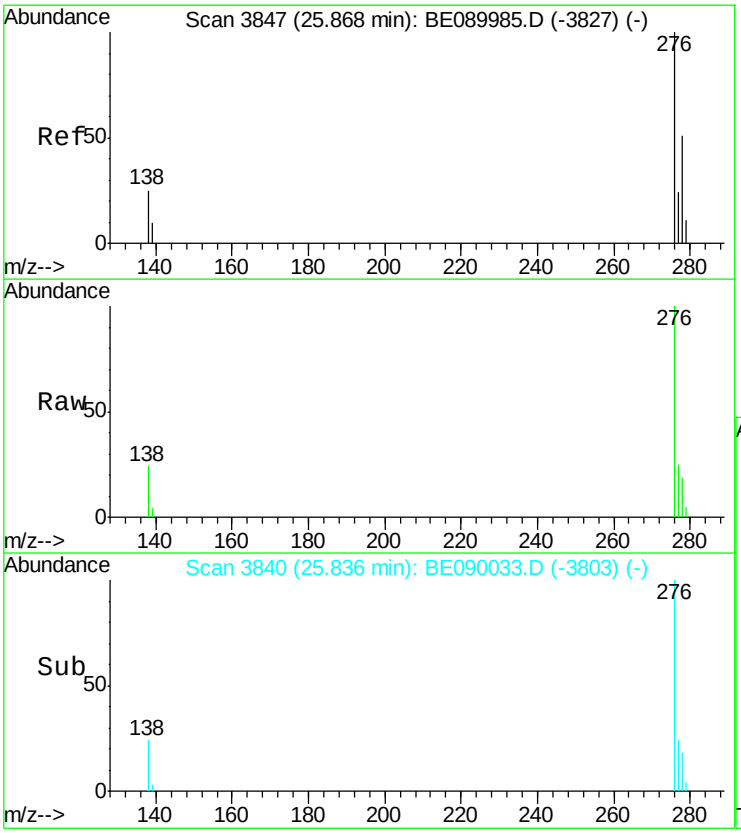
#29
Chrysene
Concen: 3.17 ng
RT: 21.15 min Scan# 2873
Delta R.T. -0.01 min
Lab File: BE090033.D
Acq: 1 Jul 2015 5:59

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-DDL

Tgt Ion:228 Resp: 89800

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.0
229	21.6	16.2	24.2

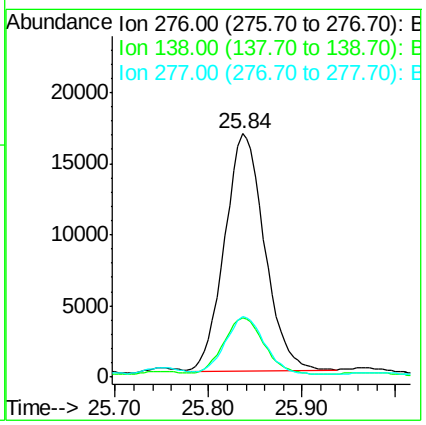


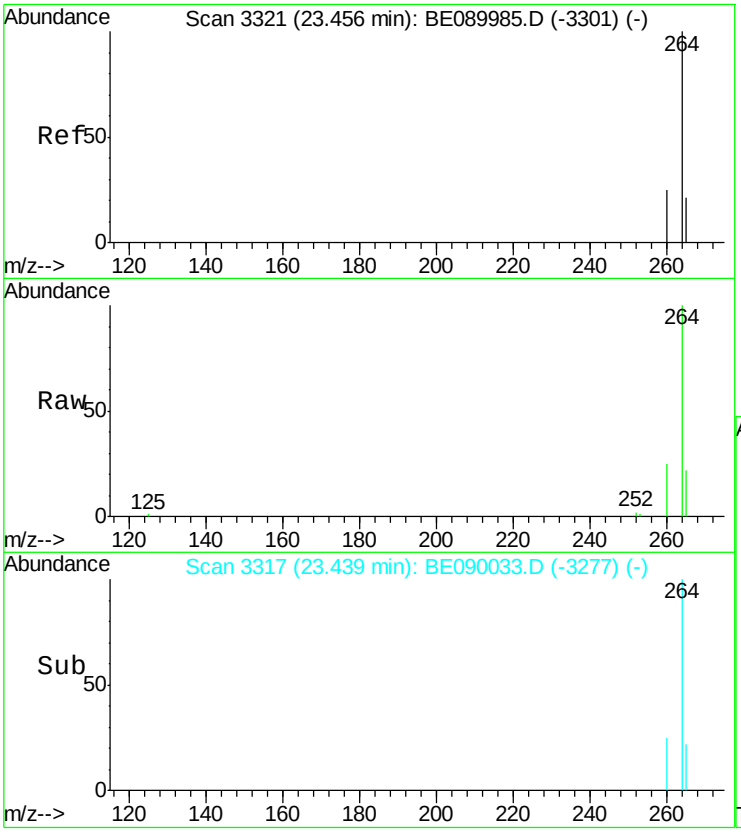


#31
Indeno(1,2,3-cd)pyrene
Concen: 1.83 ng
RT: 25.84 min Scan# 3840
Delta R.T. -0.03 min
Lab File: BE090033.D
Acq: 1 Jul 2015 5:59

Tgt Ion:276 Resp: 49661

Ion	Ratio	Lower	Upper
276	100		
138	24.5	21.3	31.9
277	24.0	19.7	29.5



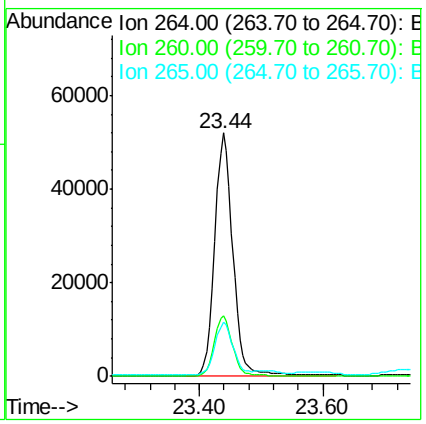


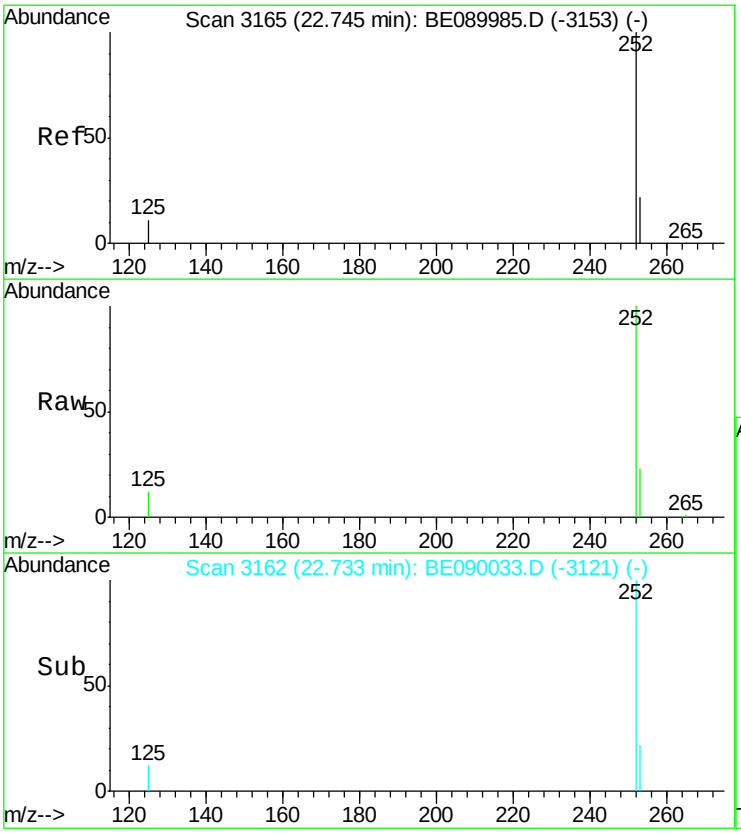
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.44 min Scan# 3317
Delta R.T. -0.02 min
Lab File: BE090033.D
Acq: 1 Jul 2015 5:59

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-DDL

Tgt Ion:264 Resp: 106742

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.2	30.2
265	22.2	17.1	25.7

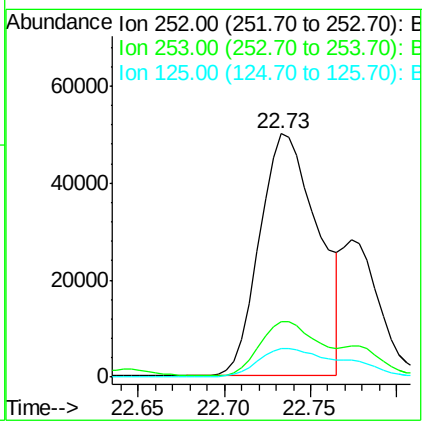


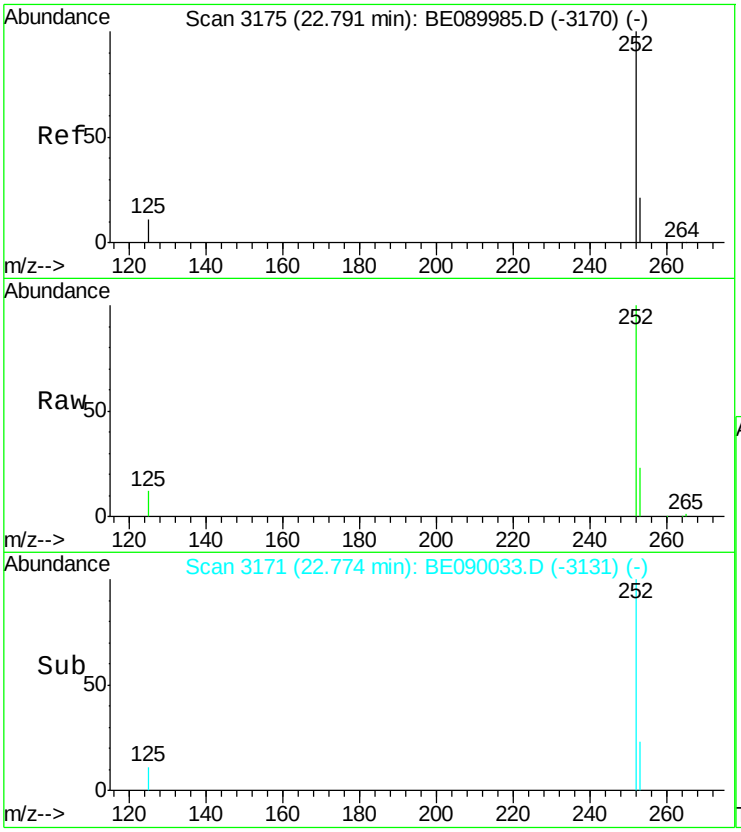


#33
Benzo(b)fluoranthene
Concen: 5.01 ng
RT: 22.73 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BE090033.D
Acq: 1 Jul 2015 5:59

Tgt Ion:252 Resp: 117897

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	11.9	9.0	13.4



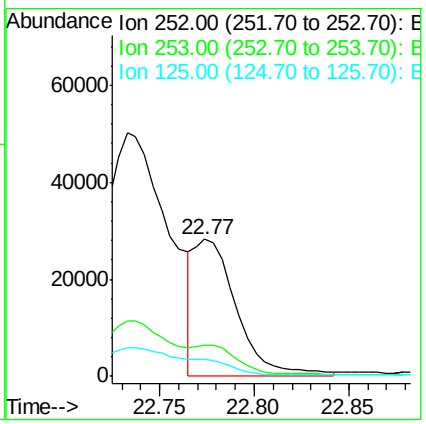


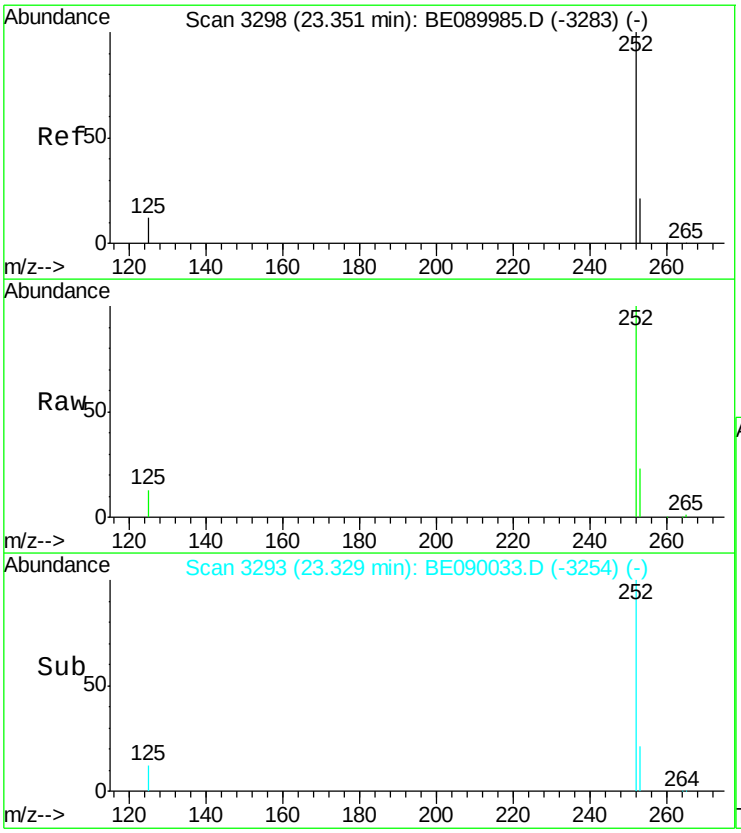
#34
Benzo(k)fluoranthene
Concen: 1.70 ng m
RT: 22.77 min Scan# 3171
Delta R.T. -0.02 min
Lab File: BE090033.D
Acq: 1 Jul 2015 5:59

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-DDL

Tgt Ion:252 Resp: 44688

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	12.1	9.5	14.3

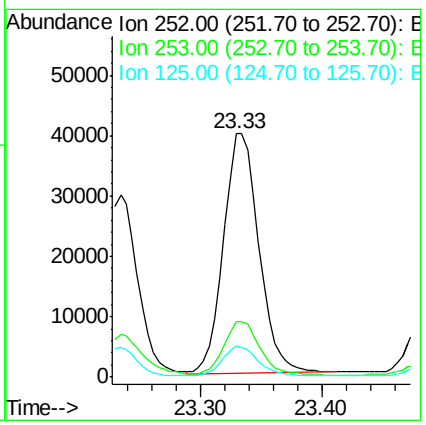


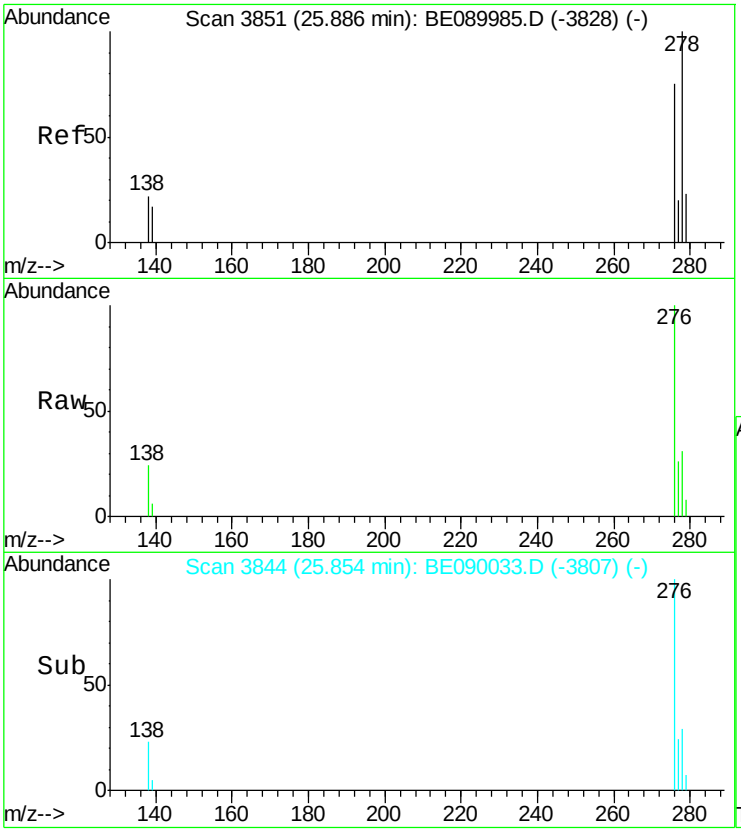


#35
Benzo(a)pyrene
Concen: 3.70 ng
RT: 23.33 min Scan# 3293
Delta R.T. -0.02 min
Lab File: BE090033.D
Acq: 1 Jul 2015 5:59

Tgt Ion:252 Resp: 80473

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	12.5	10.5	15.7



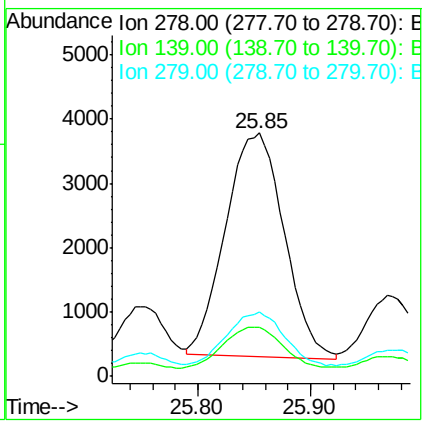


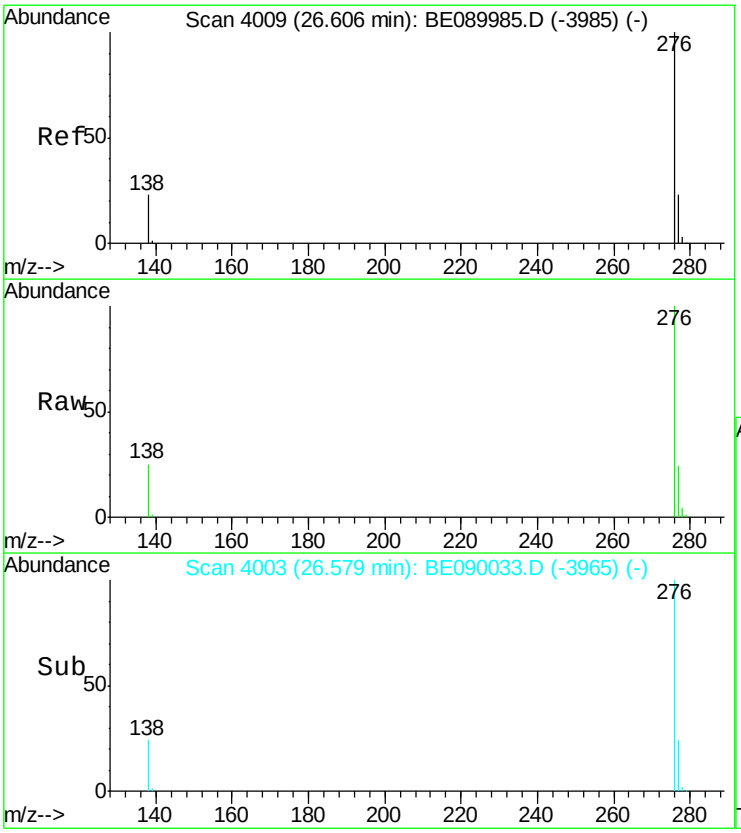
#36
Dibenzo(a,h)anthracene
Concen: 0.55 ng
RT: 25.85 min Scan# 3844
Delta R.T. -0.03 min
Lab File: BE090033.D
Acq: 1 Jul 2015 5:59

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625-DDL

Tgt Ion:278 Resp: 12385

Ion	Ratio	Lower	Upper
278	100		
139	20.0	14.4	21.6
279	26.3	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 2.29 ng
RT: 26.58 min Scan# 4003
Delta R.T. -0.03 min
Lab File: BE090033.D
Acq: 1 Jul 2015 5:59

Tgt Ion:276 Resp: 51797

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	25.0	18.6	27.8