Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032615\
Data File : BE089860.D
Acq On : 26 Mar 2015 16:46
Operator : TP/JJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Mar 27 02:05:06 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE032615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 01:45:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	147563	5.00	ng		0.00
4) Naphthalene-d8	10.23	136	589099	5.00	ng		0.00
8) Acenaphthene-d10	14.36	164	250892	5.00	ng		0.00
13) Phenanthrene-d10	17.89	188	450251	5.00	ng		0.00
19) Chrysene-d12	24.23	240	389614	5.00	ng		0.00
25) Perylene-d12	27.38	264	341728	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	8.66	82	3987	0.12	ng		0.00
9) 2-Fluorobiphenyl	12.83	172	10821	0.18	ng		0.00
21) Terphenyl-d14	21.83	244	10431	0.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	2062	0.10	ng		94
3) n-Nitrosodimethylamine	3.01	42	2542m	0.09	ng		
6) Naphthalene	10.28	128	13081	0.11	ng		96
7) 2-Methylnaphthalene	11.91	142	9667	0.15	ng		96
10) Acenaphthylene	14.01	152	42489	0.12	ng	#	95
11) Acenaphthene	14.44	154	7084	0.13	ng		94
12) Fluorene	15.68	166	10143	0.15	ng	#	92
14) Hexachlorobenzene	16.95	284	1690	0.11	ng		90
15) Pentachlorophenol	17.48	266	105631	19.28	ng		100
16) Phenanthrene	17.95	178	13681	0.14	ng		97
17) Anthracene	18.07	178	10440m	0.12	ng		
18) Fluoranthene	20.79	202	10936	0.12	ng		99
20) Pyrene	21.31	202	12256	0.12	ng		98
22) Benzo(a)anthracene	24.21	228	13075	0.18	ng		99
23) Chrysene	24.29	228	13085	0.16	ng		97
24) Indeno(1,2,3-cd)pyrene	29.35	276	11746m	0.24	ng		
26) Benzo(b)fluoranthene	26.61	252	45420	0.83	ng		98
27) Benzo(k)fluoranthene	26.67	252	60992m	0.83	ng		
28) Benzo(a)pyrene	27.26	252	35160	0.68	ng	#	90
29) Dibenzo(a,h)anthracene	29.41	278	6235	0.17	ng	#	81
30) Benzo(g,h,i)perylene	29.79	276	10392	0.20	ng	#	93

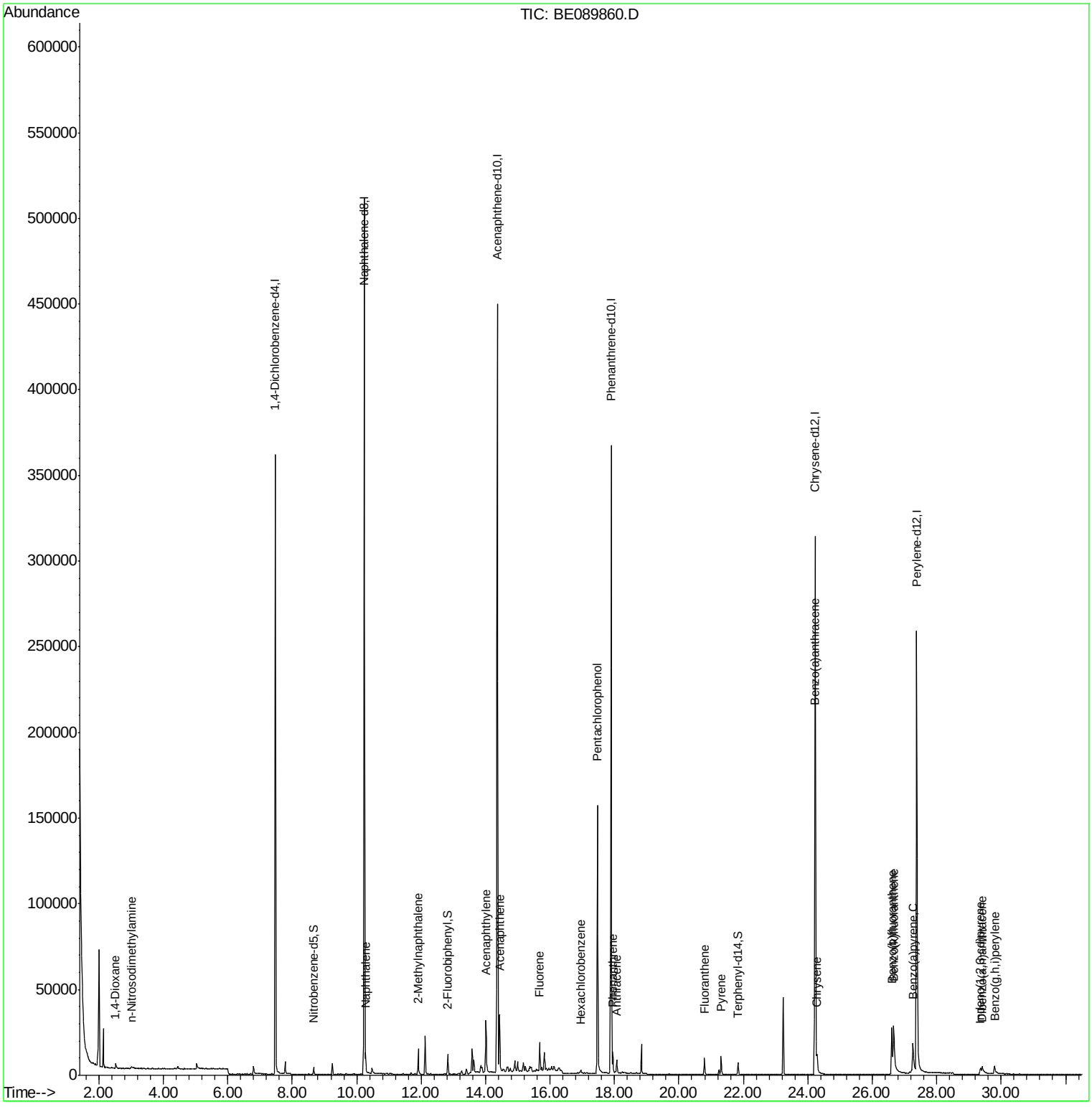
(#) = qualifier out of range (m) = manual integration (+) = signals summed

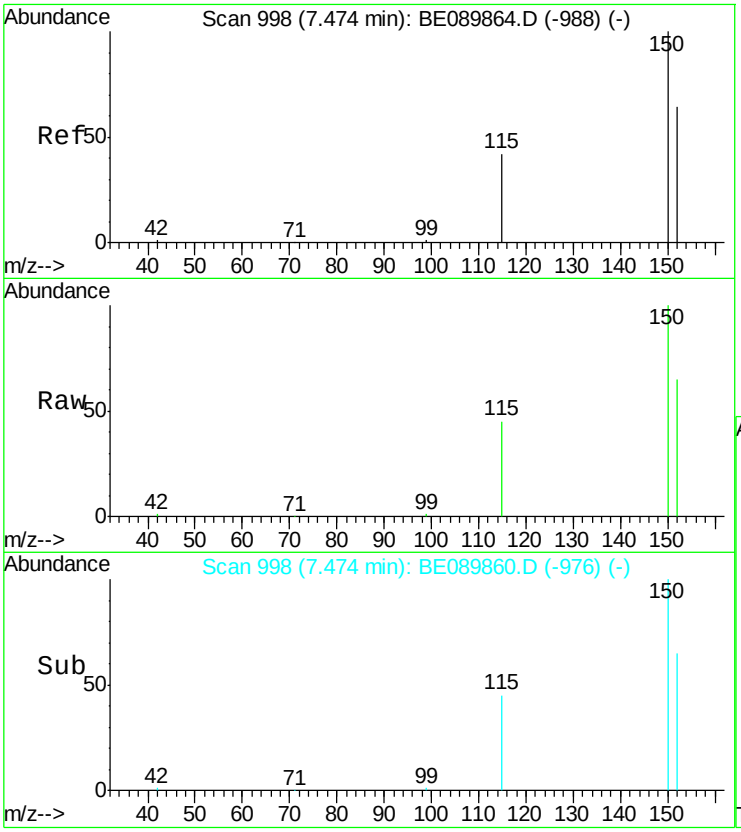
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032615\
Data File : BE089860.D
Acq On : 26 Mar 2015 16:46
Operator : TP/JJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Mar 27 02:05:06 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE032615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 01:45:40 2015
Response via : Initial Calibration



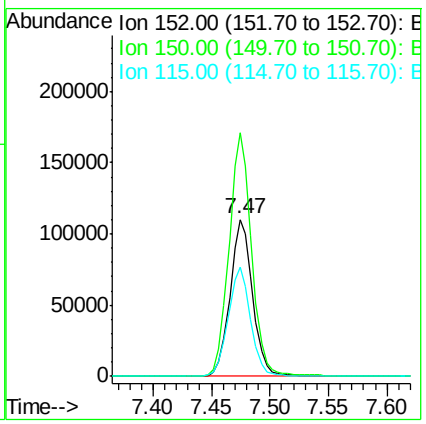


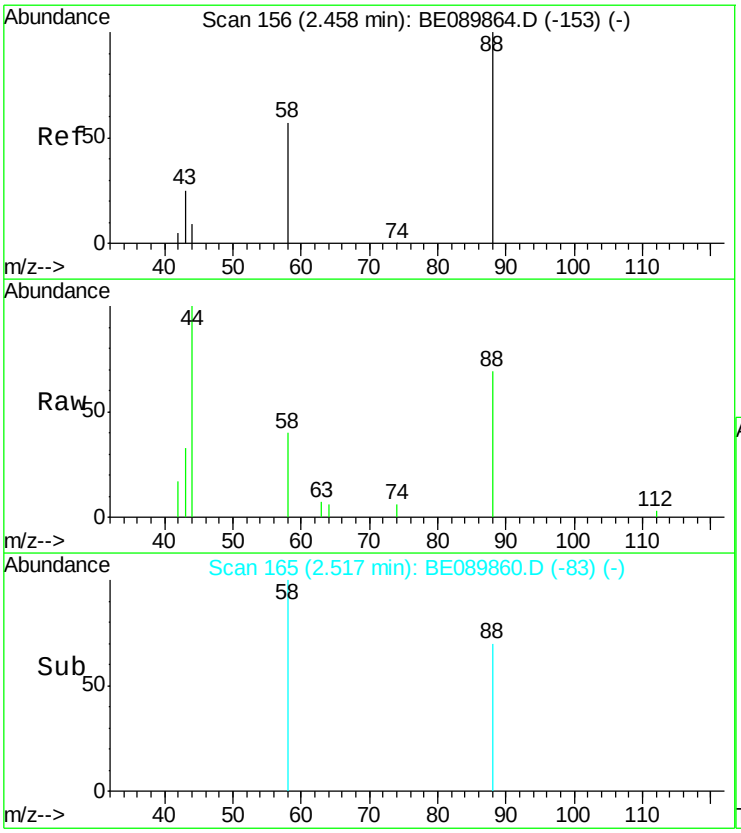
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.47 min Scan# 998
Delta R.T. 0.00 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 147563

Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.5	188.3
115	69.2	58.0	87.0

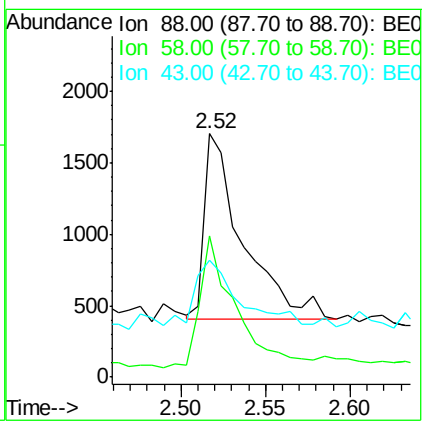


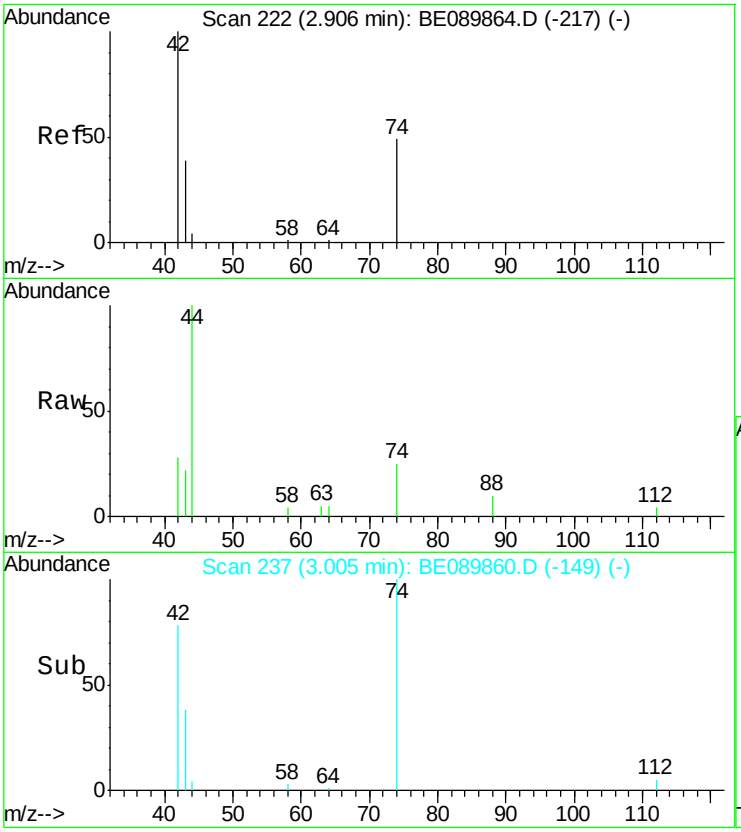


#2
1,4-Dioxane
Concen: 0.10 ng
RT: 2.52 min Scan# 165
Delta R.T. 0.06 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Tgt Ion: 88 Resp: 2062

Ion	Ratio	Lower	Upper
88	100		
58	64.8	48.6	72.8
43	40.3	28.6	43.0



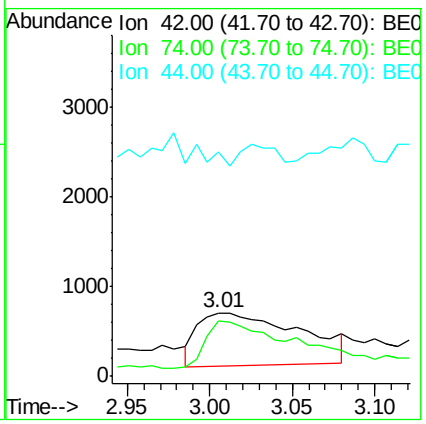


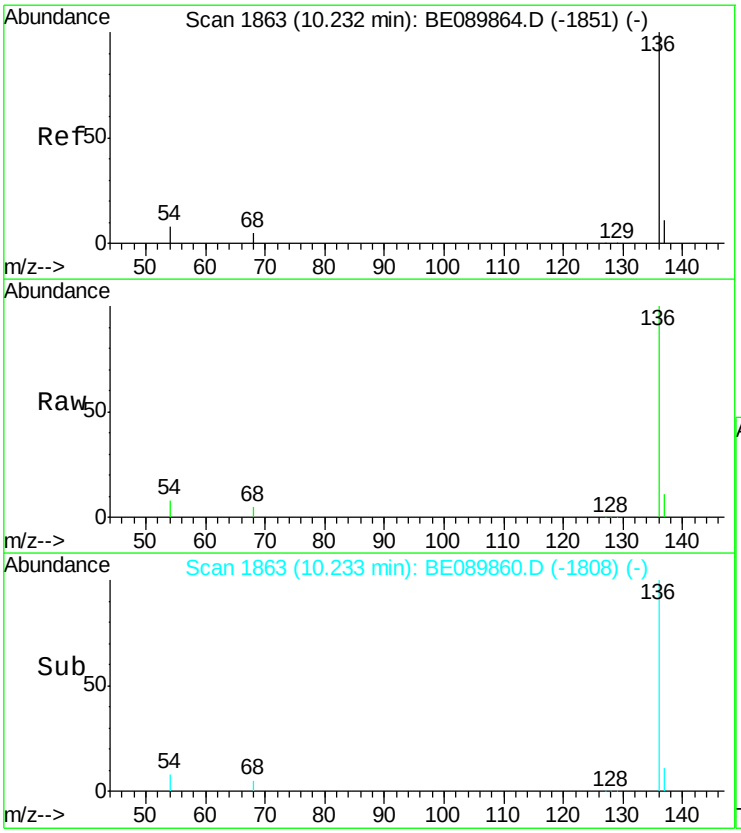
#3
n-Nitrosodimethylamine
Concen: 0.09 ng m
RT: 3.01 min Scan# 237
Delta R.T. 0.10 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 2542

Ion	Ratio	Lower	Upper
42	100		
74	0.0	68.7	103.1#
44	0.0	6.2	9.4#

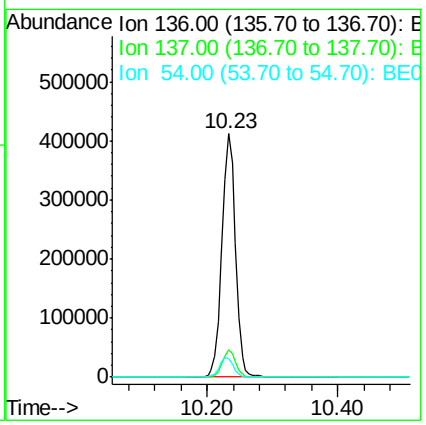


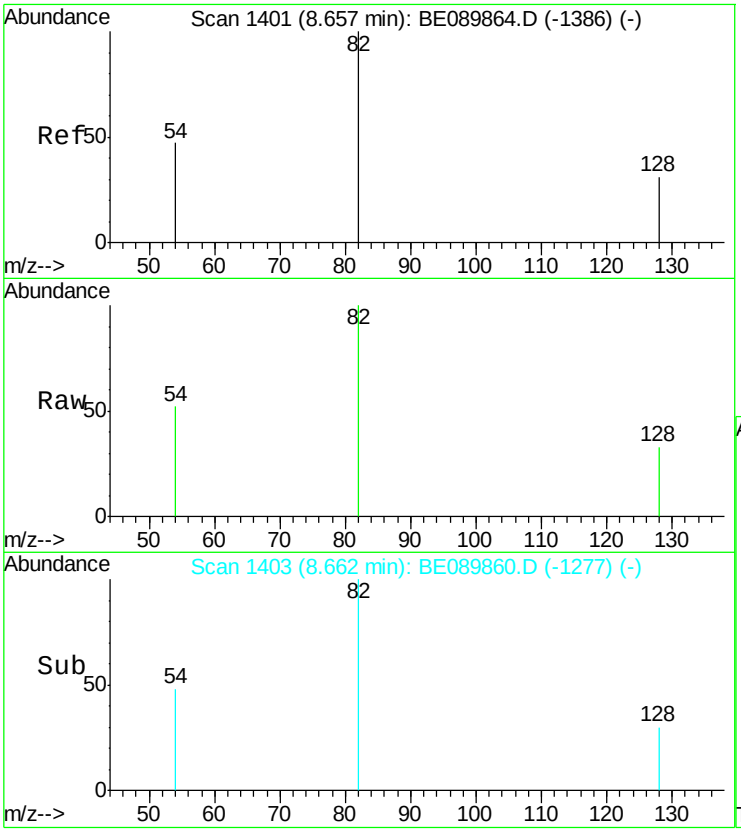


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 10.23 min Scan# 1863
Delta R.T. 0.00 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Tgt Ion:136 Resp: 589099

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.7	7.0	10.4



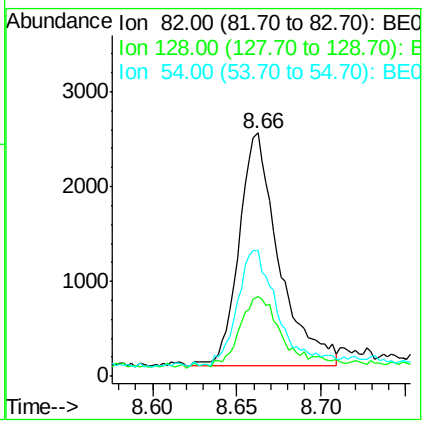


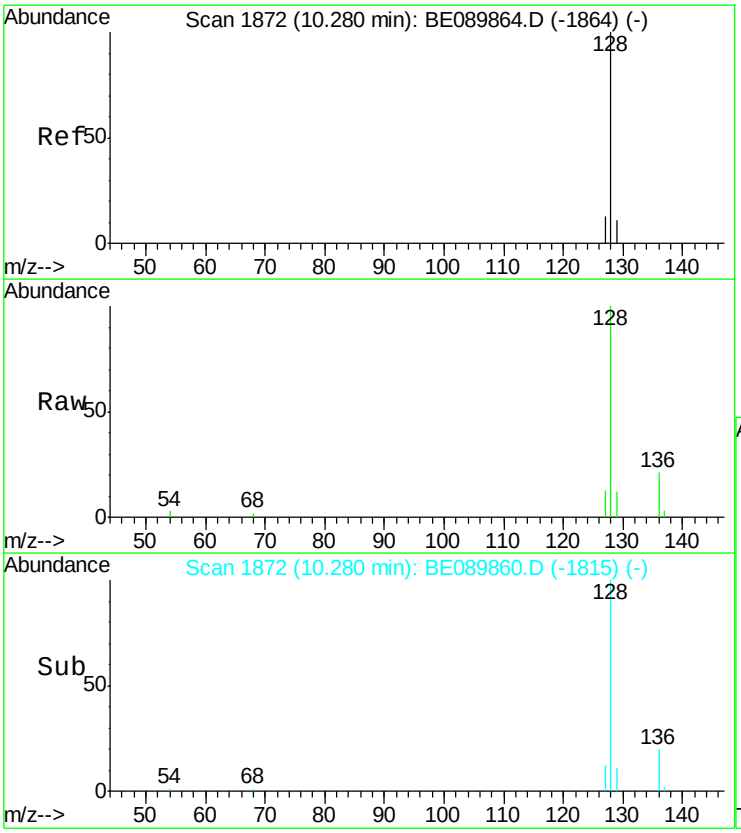
#5
Nitrobenzene-d5
Concen: 0.12 ng
RT: 8.66 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 82 Resp: 3987

Ion	Ratio	Lower	Upper
82	100		
128	32.7	24.6	37.0
54	51.7	43.0	64.6

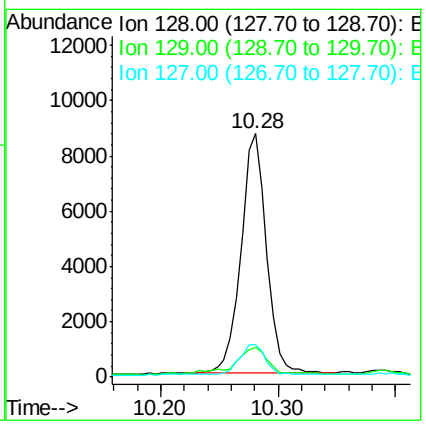


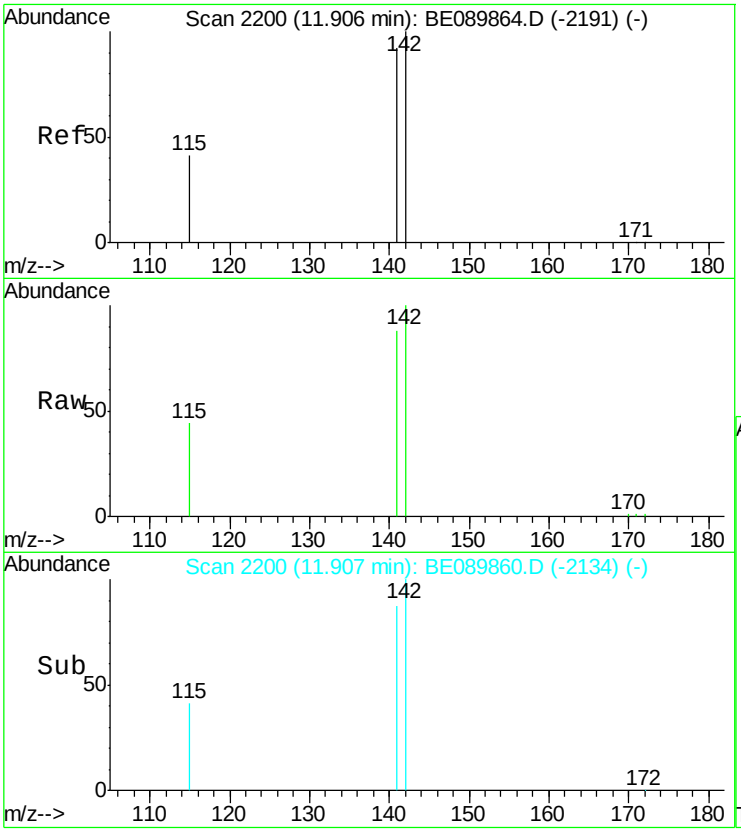


#6
Naphthalene
Concen: 0.11 ng
RT: 10.28 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Tgt Ion:128 Resp: 13081

Ion	Ratio	Lower	Upper
128	100		
129	12.1	10.0	15.0
127	13.3	12.5	18.7



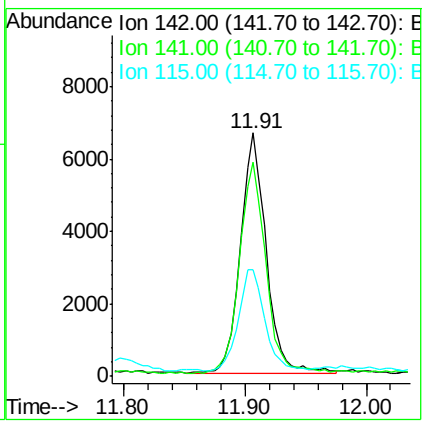


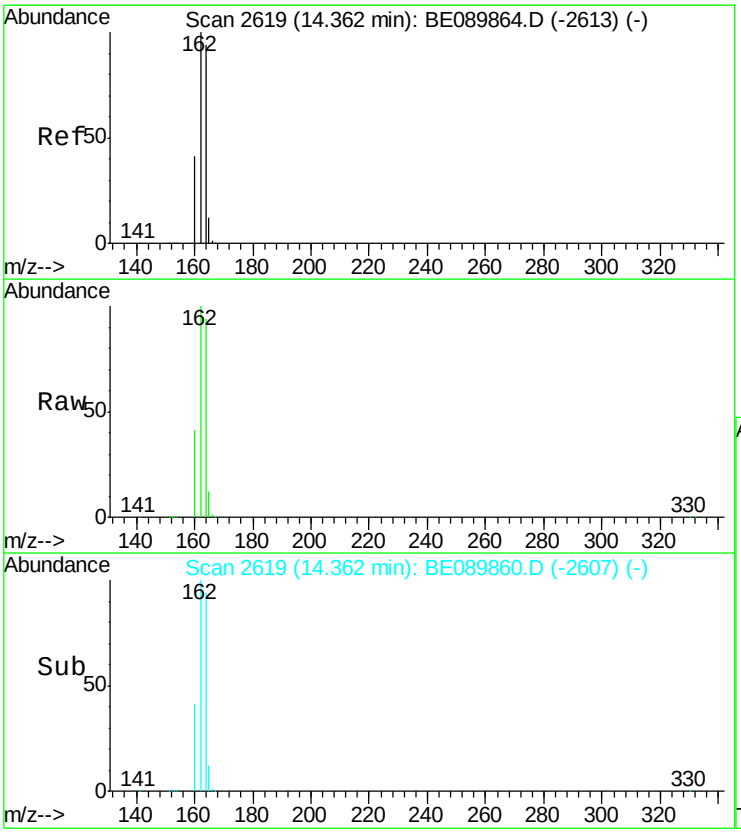
#7
2-Methylnaphthalene
Concen: 0.15 ng
RT: 11.91 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:142 Resp: 9667

Ion	Ratio	Lower	Upper
142	100		
141	87.8	72.8	109.2
115	43.8	32.9	49.3

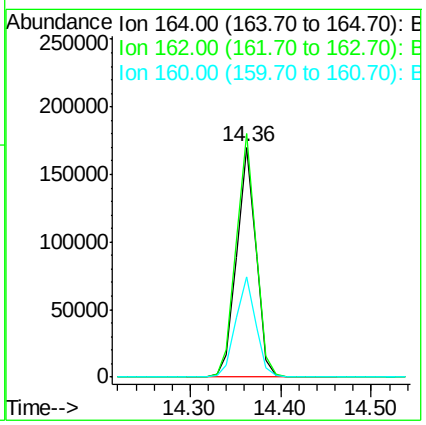


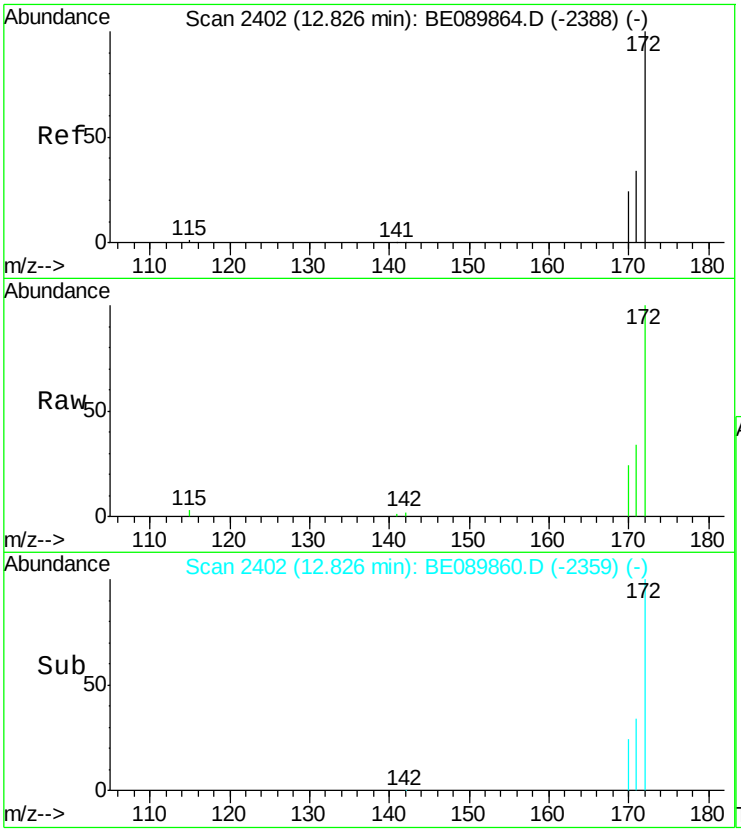


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.36 min Scan# 2619
Delta R.T. 0.00 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Tgt Ion:164 Resp: 250892

Ion	Ratio	Lower	Upper
164	100		
162	105.9	87.6	131.4
160	43.4	36.7	55.1



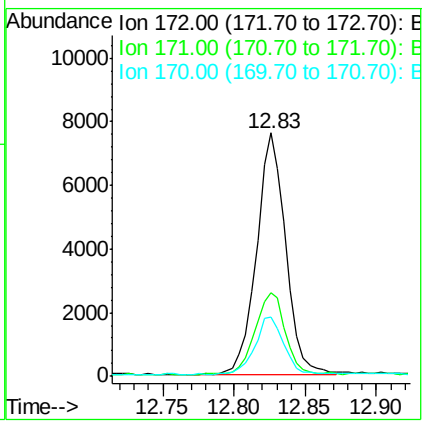


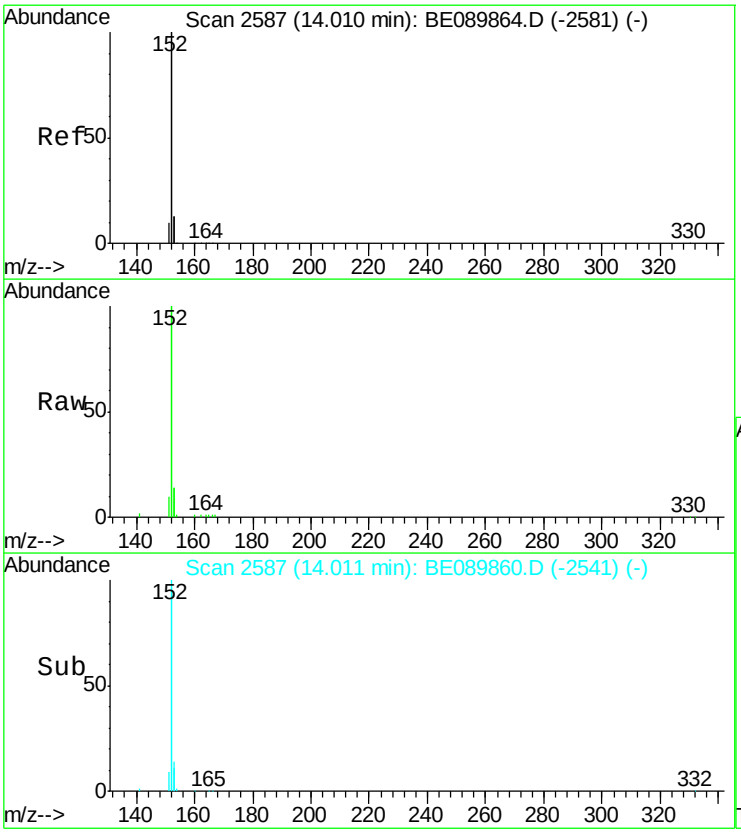
#9
2-Fluorobiphenyl
Concen: 0.18 ng
RT: 12.83 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 10821

Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.8	46.2
170	24.3	21.0	31.4

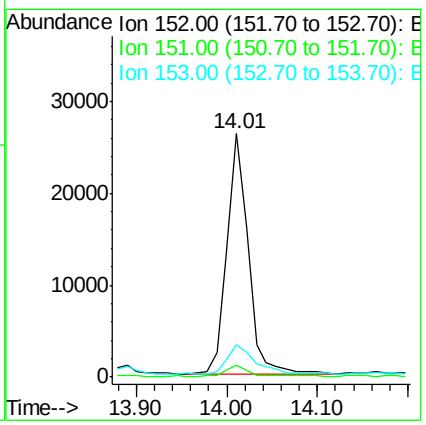


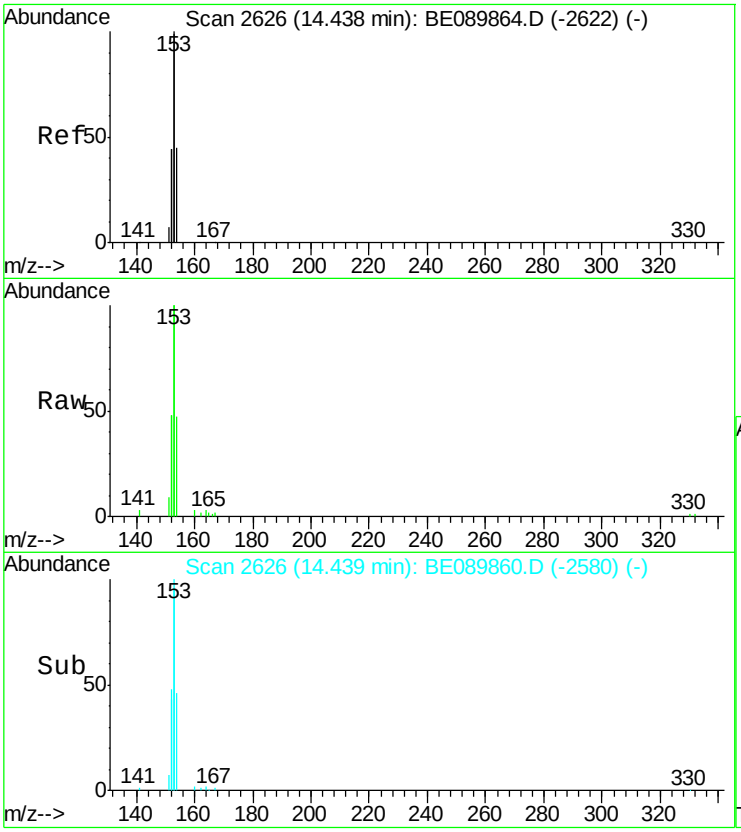


#10
Acenaphthylene
Concen: 0.12 ng
RT: 14.01 min Scan# 2587
Delta R.T. 0.00 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Tgt Ion:152 Resp: 42489

Ion	Ratio	Lower	Upper
152	100		
151	5.1	3.9	5.9
153	16.6	11.0	16.4#



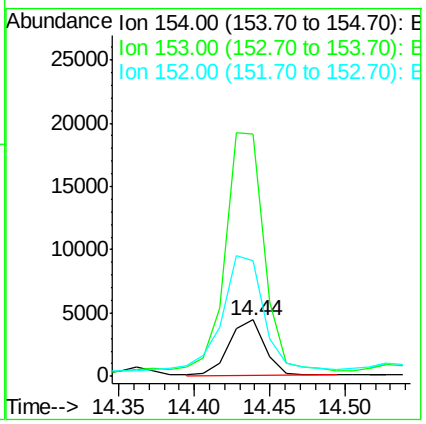


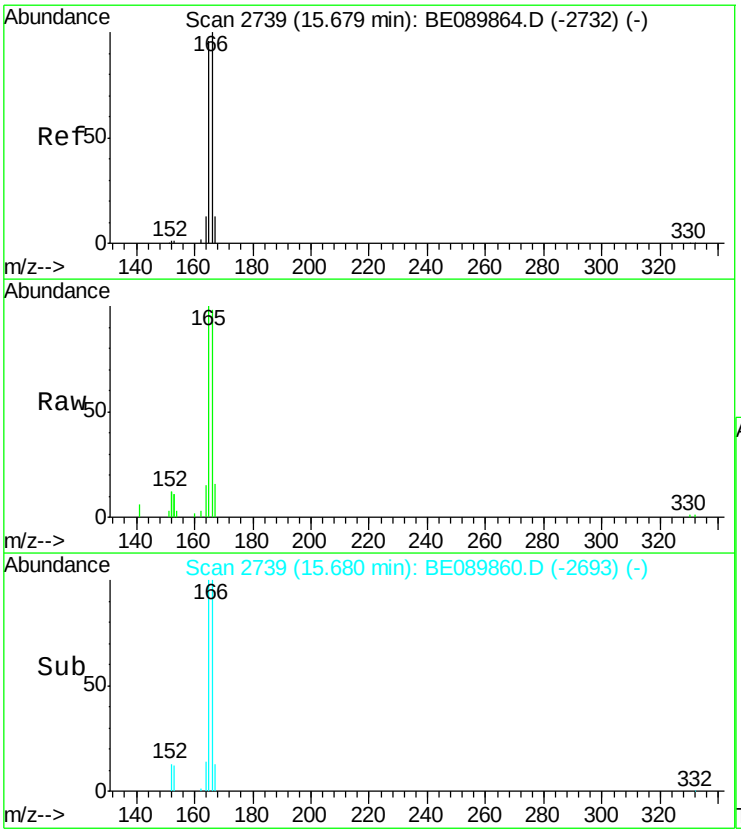
#11
Acenaphthene
Concen: 0.13 ng
RT: 14.44 min Scan# 2626
Delta R.T. 0.00 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 7084

Ion	Ratio	Lower	Upper
154	100		
153	483.4	401.5	602.3
152	254.6	198.6	298.0

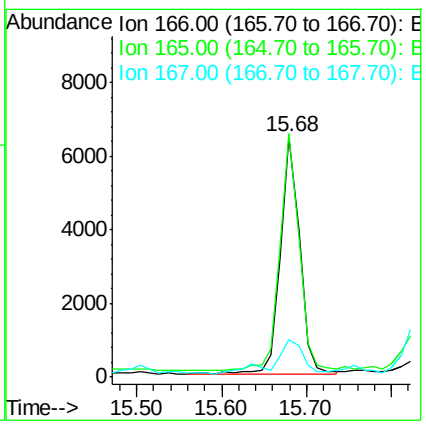


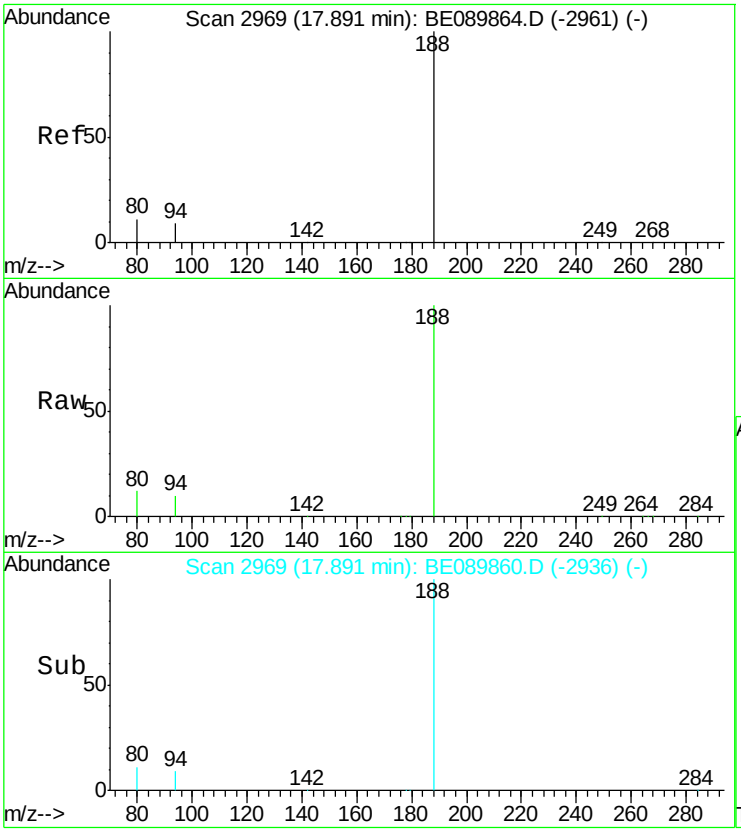


#12
Fluorene
Concen: 0.15 ng
RT: 15.68 min Scan# 2739
Delta R.T. 0.00 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Tgt Ion:166 Resp: 10143

Ion	Ratio	Lower	Upper
166	100		
165	99.5	85.1	127.7
167	21.1	12.2	18.4#



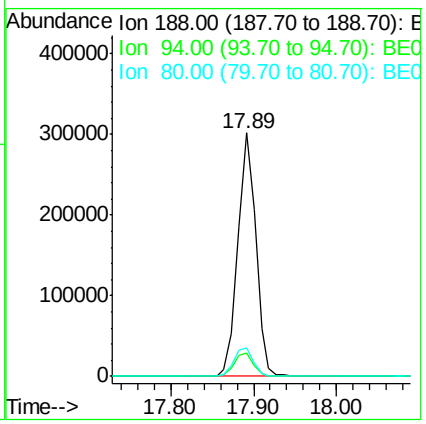


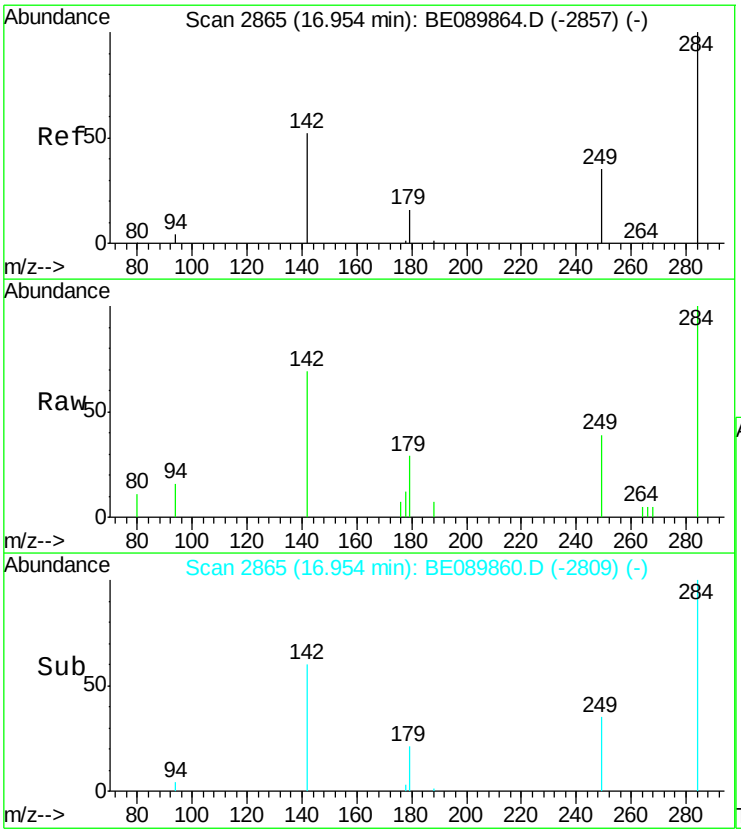
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.89 min Scan# 2969
Delta R.T. 0.00 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 450251

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	11.5	10.0	15.0

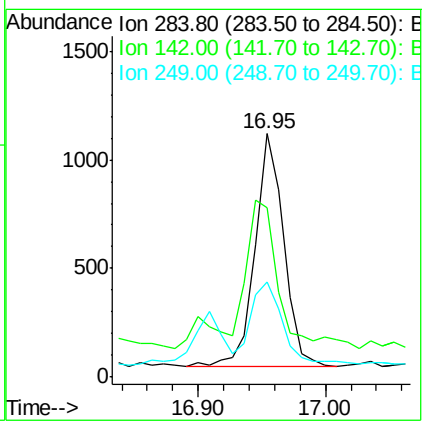


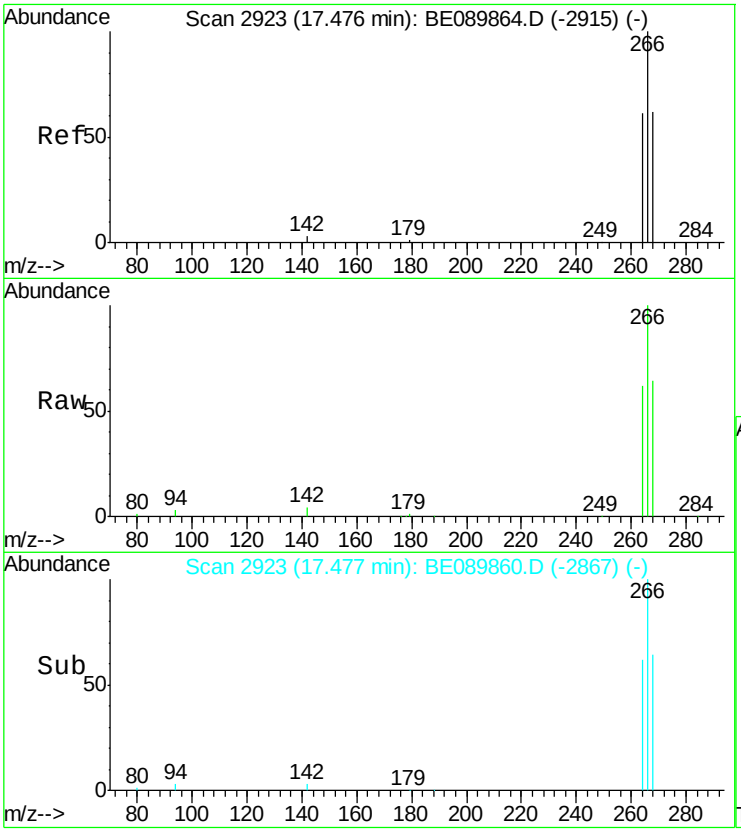


#14
Hexachlorobenzene
Concen: 0.11 ng
RT: 16.95 min Scan# 2865
Delta R.T. 0.00 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Tgt Ion:284 Resp: 1690

Ion	Ratio	Lower	Upper
284	100		
142	77.8	53.3	79.9
249	37.8	31.1	46.7



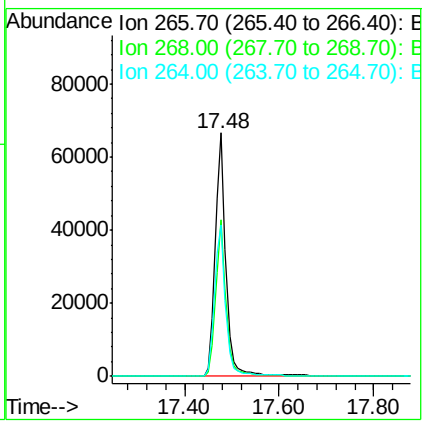


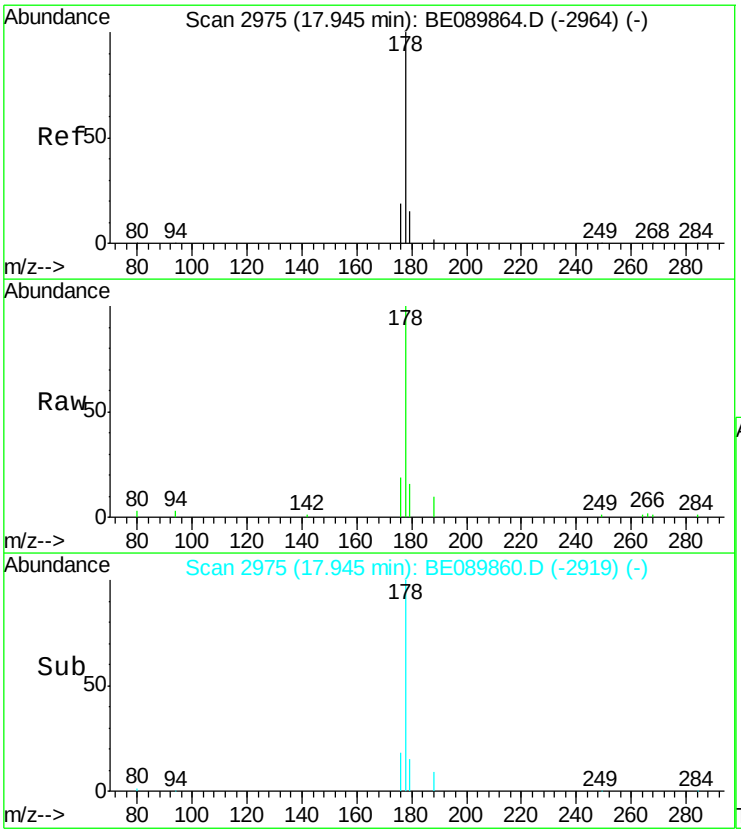
#15
Pentachlorophenol
Concen: 19.28 ng
RT: 17.48 min Scan# 2923
Delta R.T. 0.00 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:266 Resp: 105631

Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.6	77.4
264	62.4	50.2	75.2

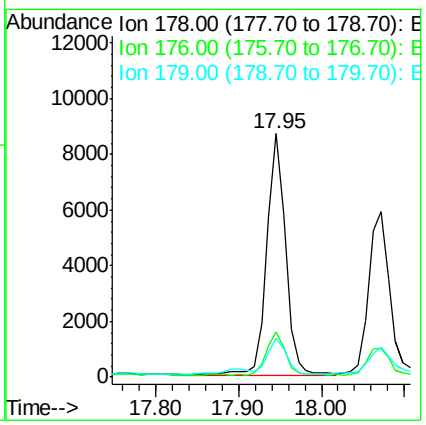


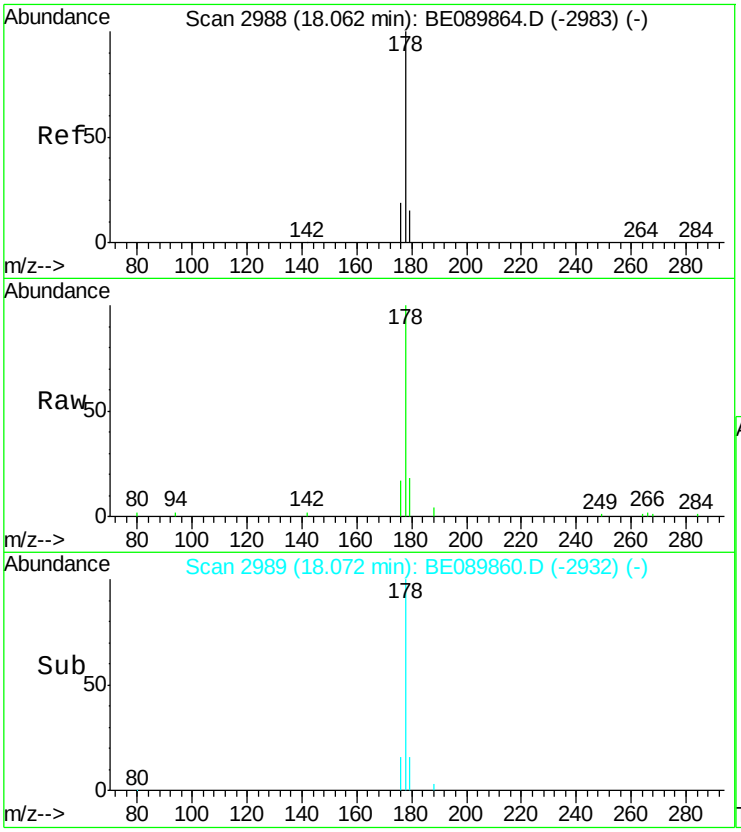


#16
Phenanthrene
Concen: 0.14 ng
RT: 17.95 min Scan# 2975
Delta R.T. 0.00 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Tgt Ion:178 Resp: 13681

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.0
179	14.6	12.2	18.4



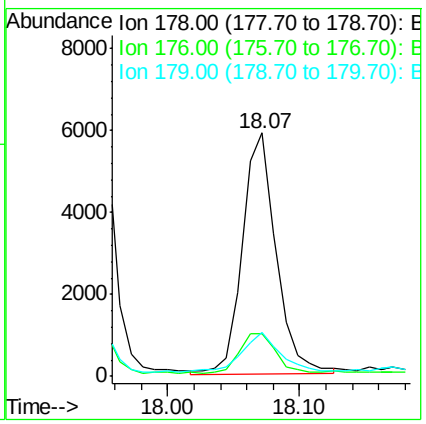


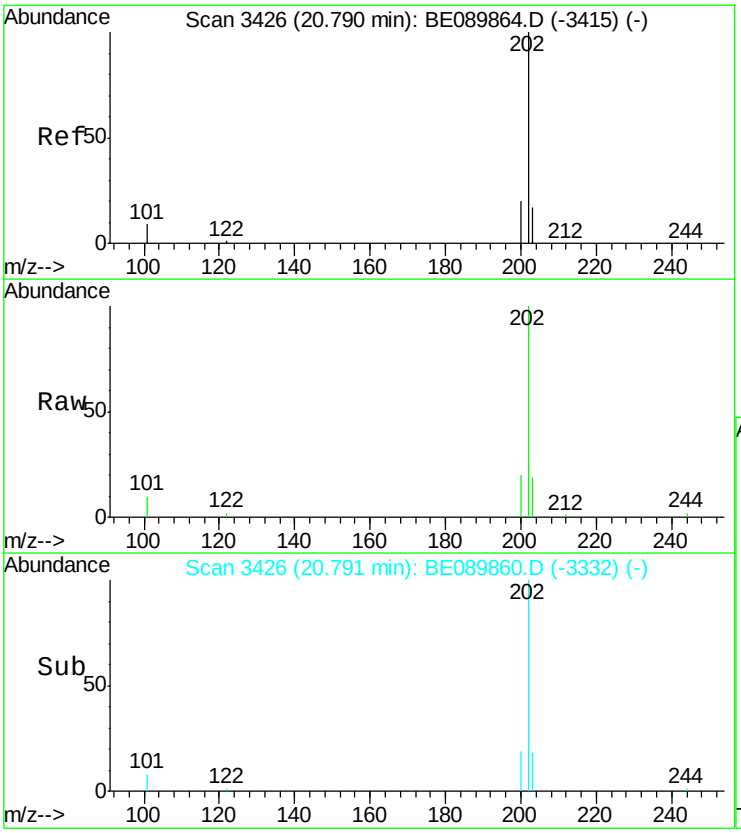
#17
Anthracene
Concen: 0.12 ng m
RT: 18.07 min Scan# 2989
Delta R.T. 0.01 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 10440

Ion	Ratio	Lower	Upper
178	100		
176	23.1	14.6	21.8#
179	19.1	12.1	18.1#

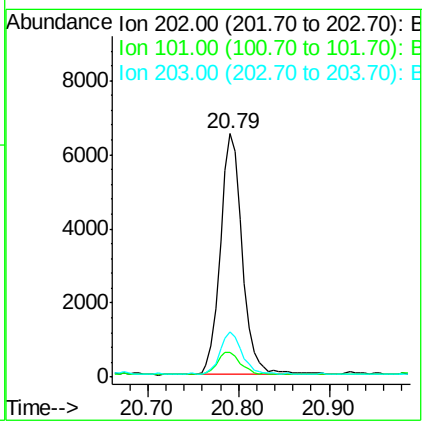


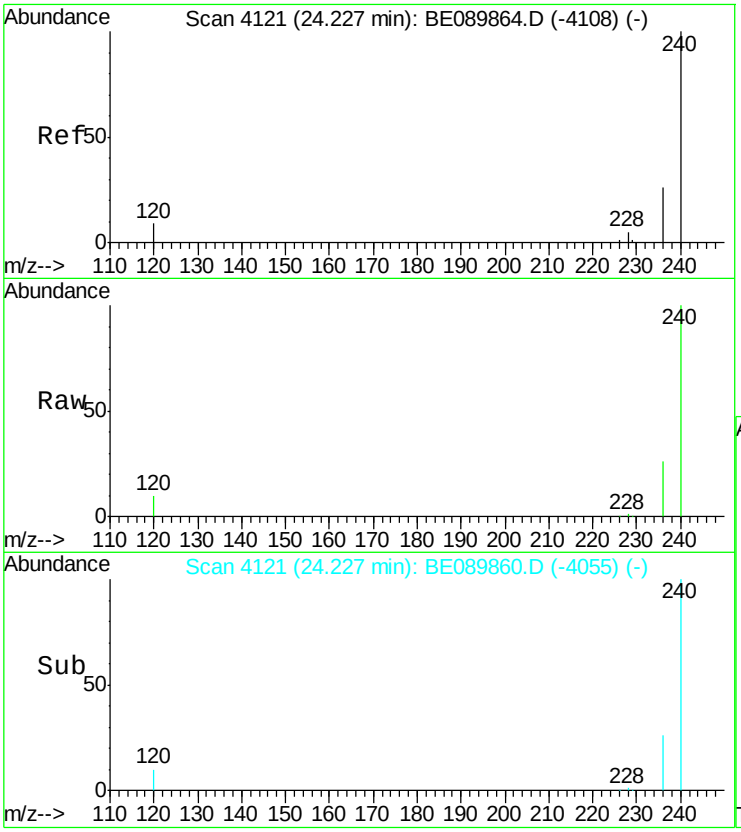


#18
Fluoranthene
Concen: 0.12 ng
RT: 20.79 min Scan# 3426
Delta R.T. 0.00 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Tgt Ion:202 Resp: 10936

Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.2	12.2
203	17.8	14.2	21.4



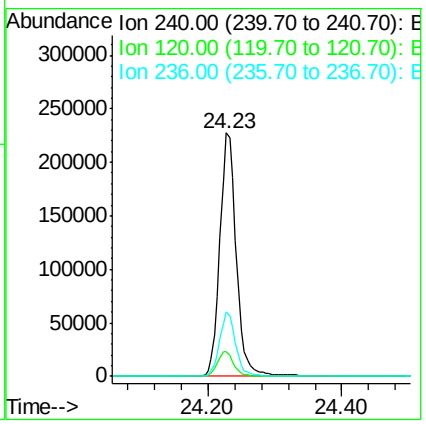


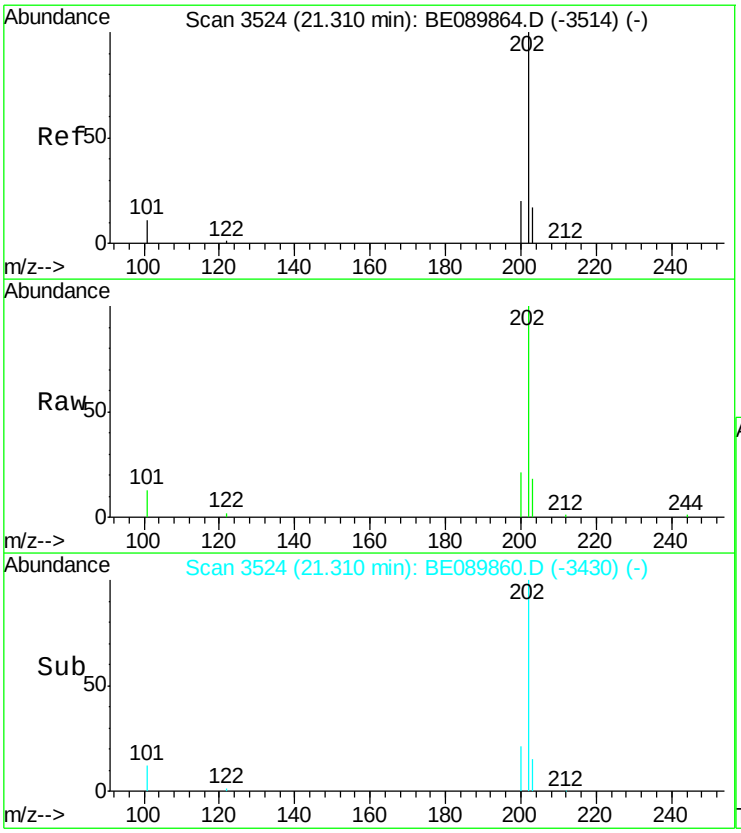
#19
Chrysene-d12
Concen: 5.00 ng
RT: 24.23 min Scan# 4121
Delta R.T. 0.00 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 389614

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.5	11.3
236	26.4	20.5	30.7

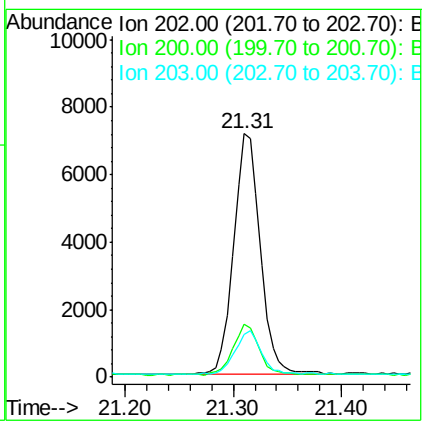


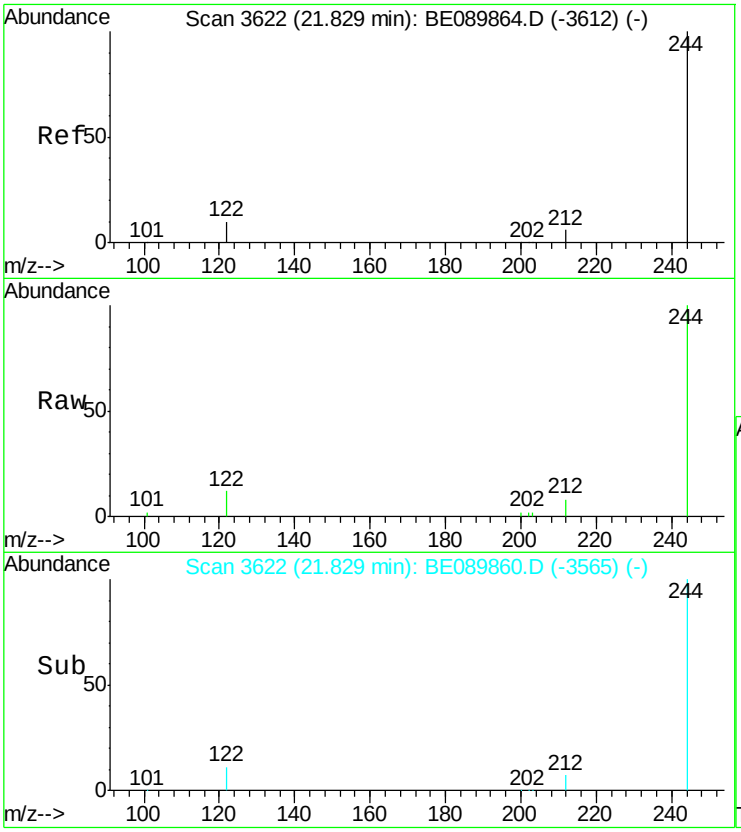


#20
Pyrene
Concen: 0.12 ng
RT: 21.31 min Scan# 3524
Delta R.T. 0.00 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Tgt Ion:202 Resp: 12256

Ion	Ratio	Lower	Upper
202	100		
200	20.2	15.9	23.9
203	18.2	13.6	20.4



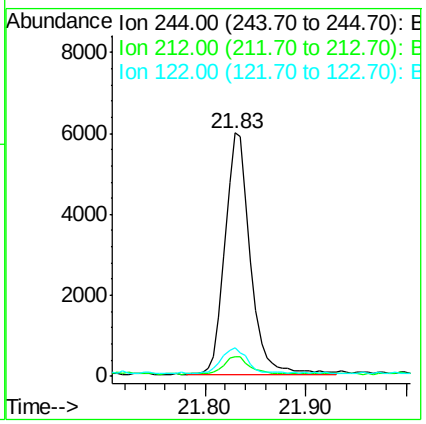


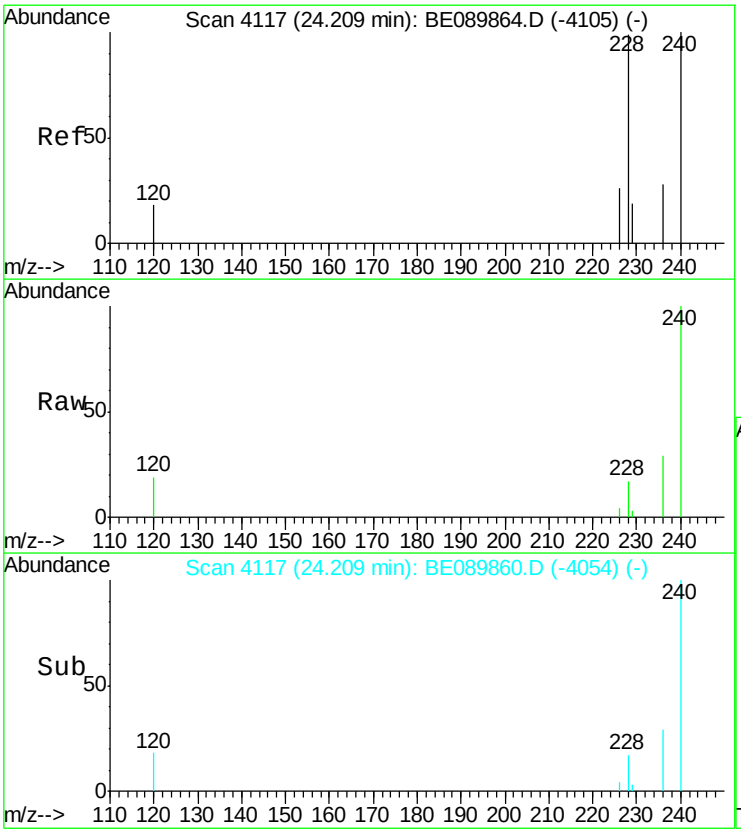
#21
Terphenyl-d14
Concen: 0.18 ng
RT: 21.83 min Scan# 3622
Delta R.T. 0.00 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 10431

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.3	10.9
122	12.0	10.5	15.7

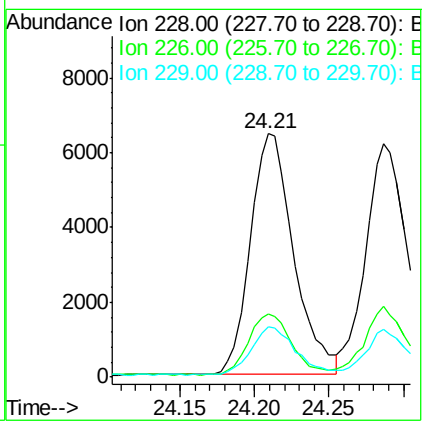


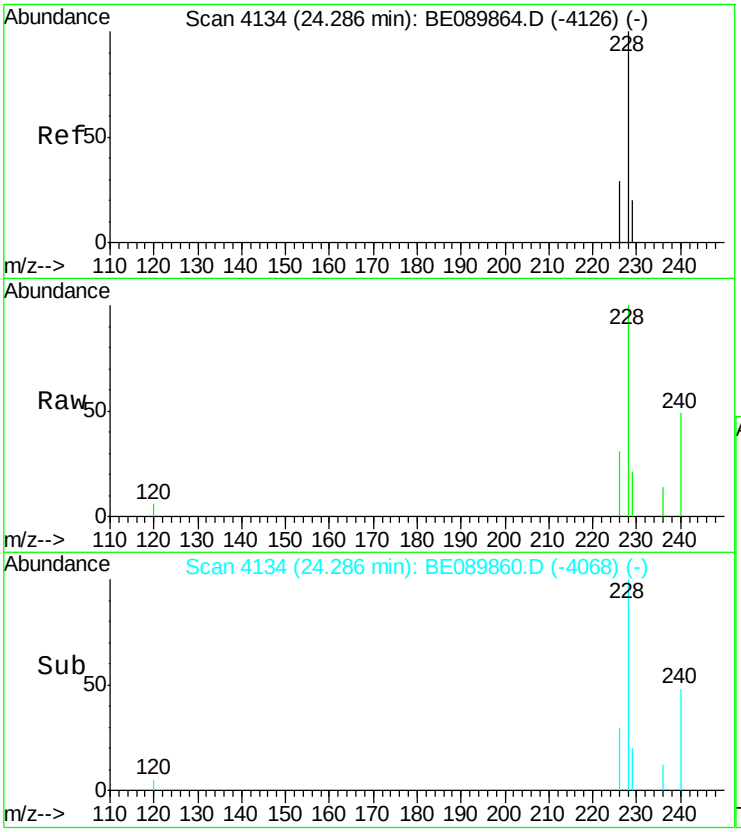


#22
Benzo(a)anthracene
Concen: 0.18 ng
RT: 24.21 min Scan# 4117
Delta R.T. 0.00 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Tgt Ion:228 Resp: 13075

Ion	Ratio	Lower	Upper
228	100		
226	26.0	19.8	29.8
229	20.4	16.3	24.5



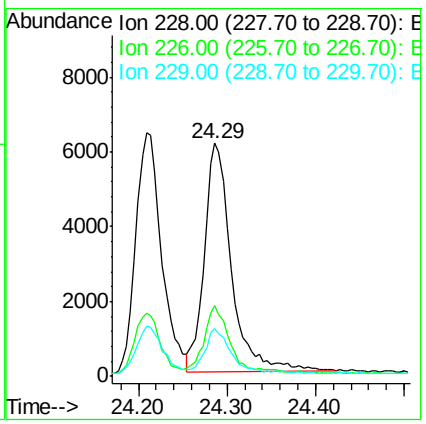


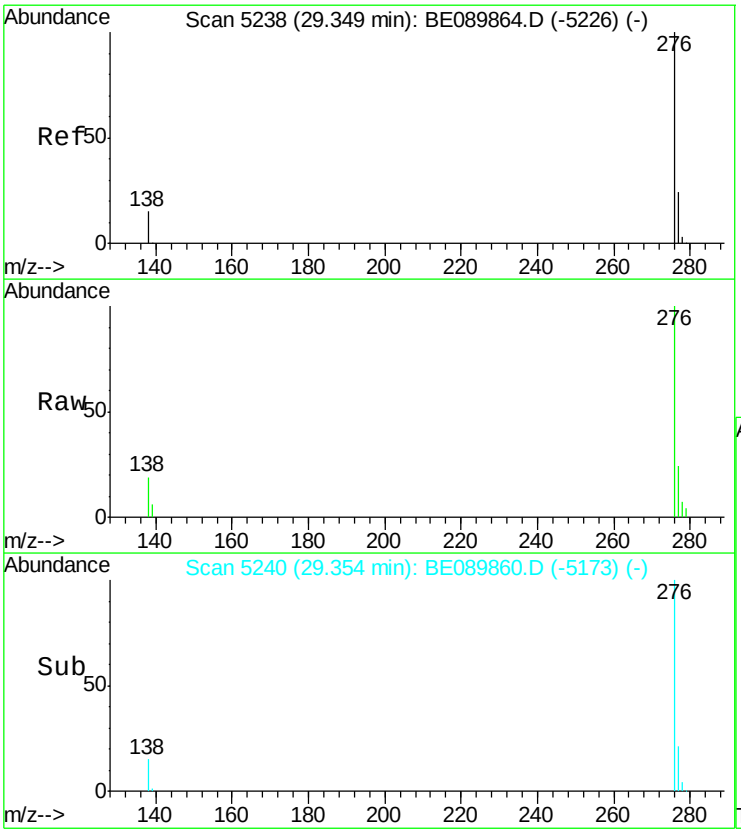
#23
Chrysene
Concen: 0.16 ng
RT: 24.29 min Scan# 4134
Delta R.T. 0.00 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 13085

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.0	34.4
229	20.6	15.8	23.6

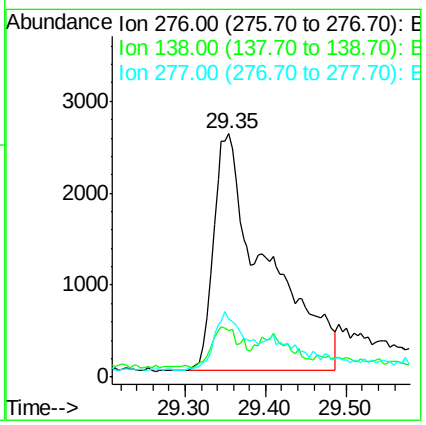


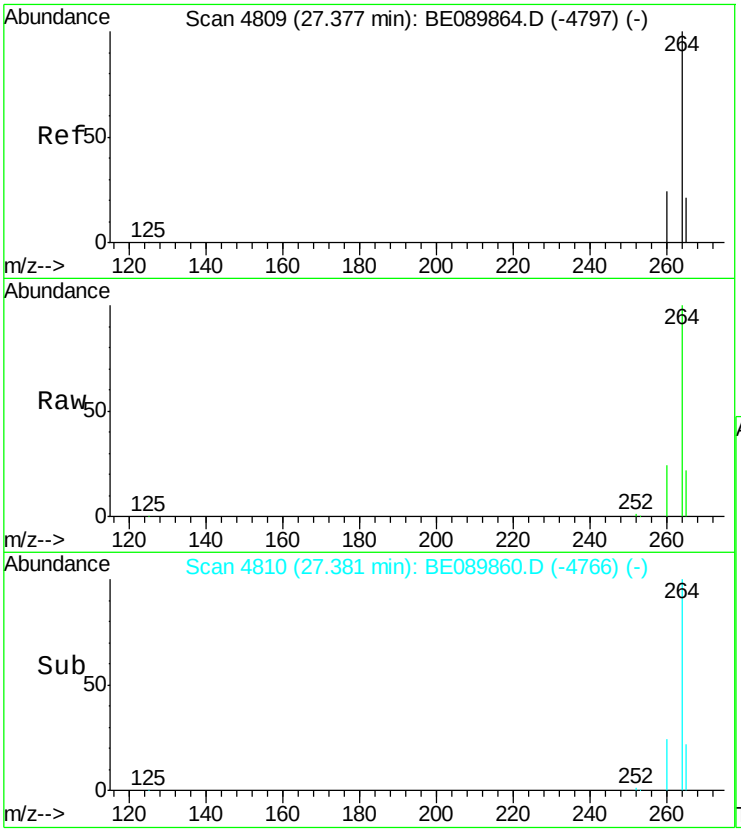


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.24 ng m
RT: 29.35 min Scan# 5240
Delta R.T. 0.01 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Tgt Ion:276 Resp: 11746

Ion	Ratio	Lower	Upper
276	100		
138	9.4	4.3	6.5#
277	14.4	9.0	13.4#



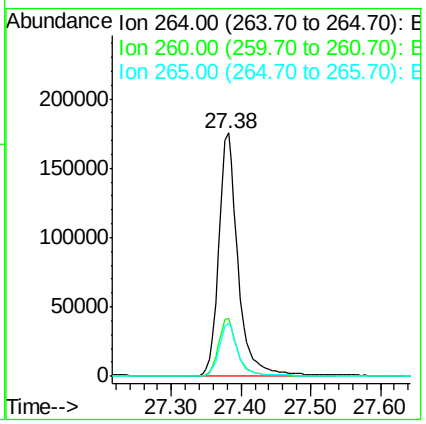


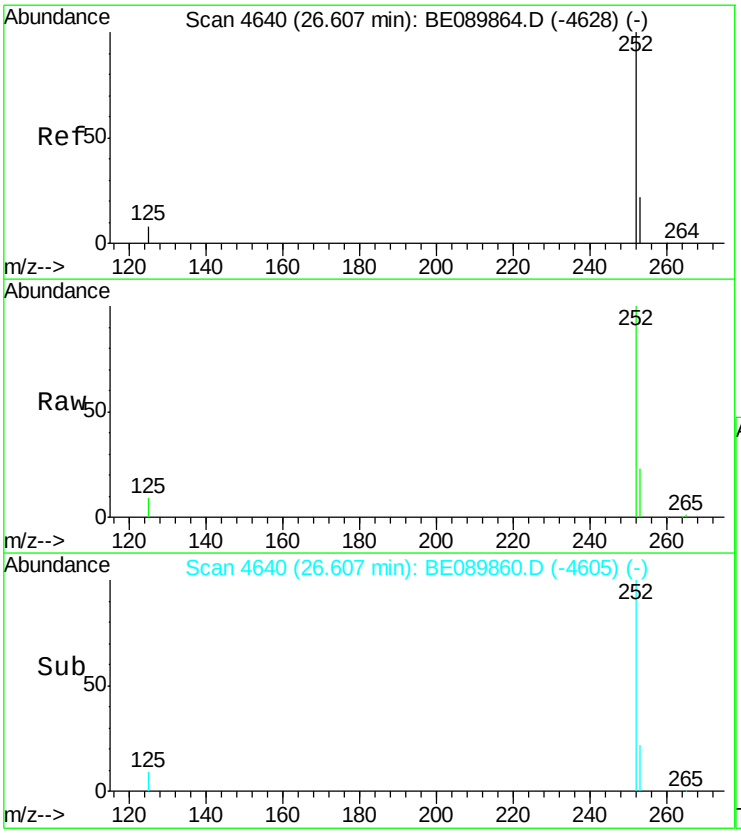
#25
Perylene-d12
Concen: 5.00 ng
RT: 27.38 min Scan# 4810
Delta R.T. 0.00 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 341728

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.2
265	21.7	17.3	25.9

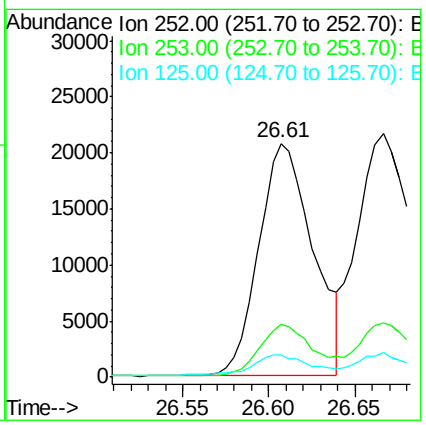


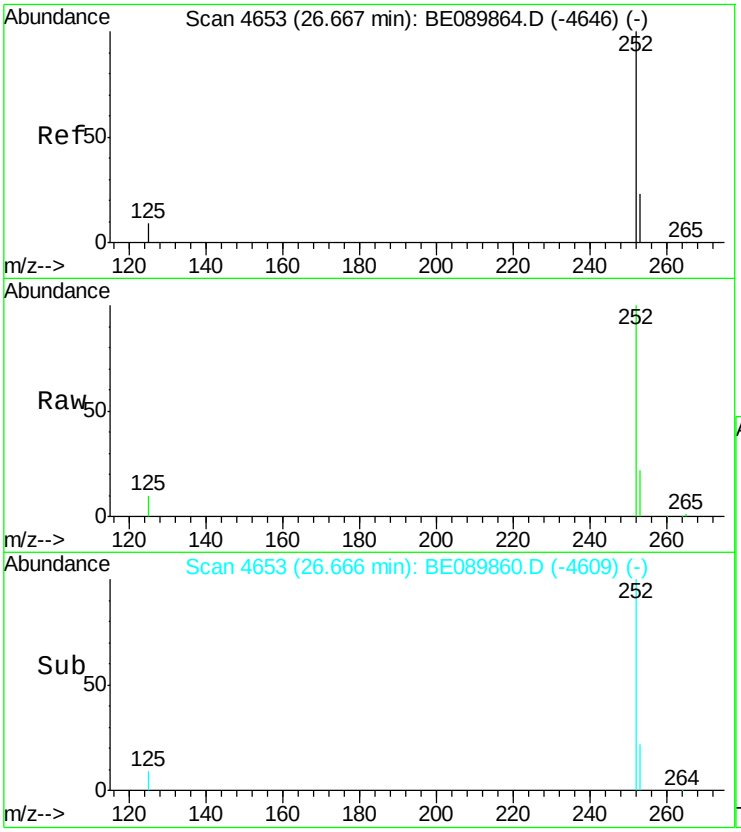


#26
Benzo(b)fluoranthene
Concen: 0.83 ng
RT: 26.61 min Scan# 4640
Delta R.T. -0.00 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Tgt Ion:252 Resp: 45420

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	9.3	8.7	13.1



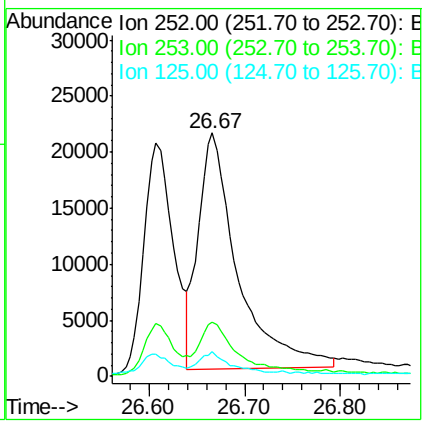


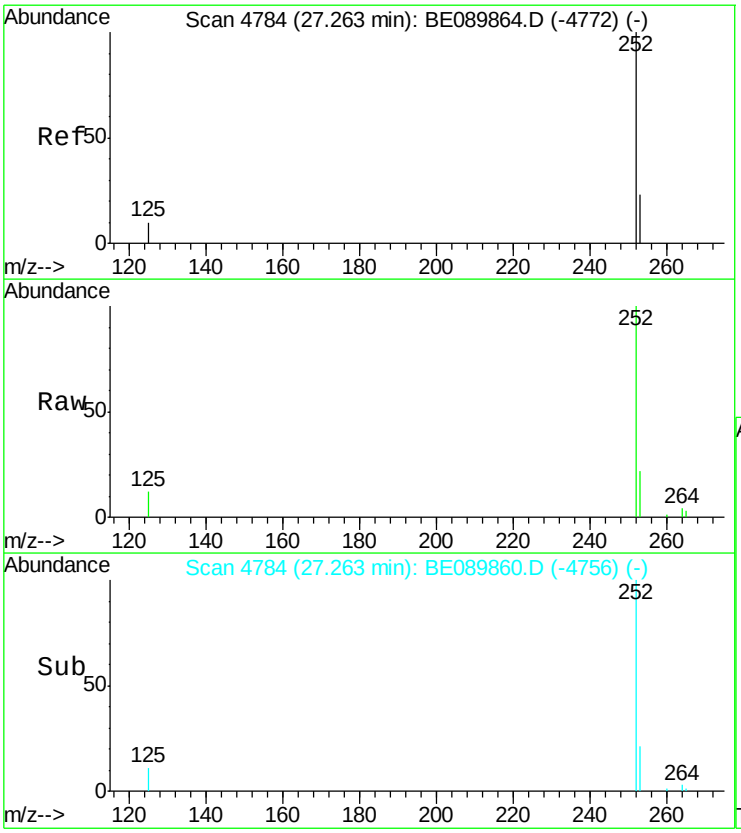
#27
Benzo(k)fluoranthene
Concen: 0.83 ng m
RT: 26.67 min Scan# 4653
Delta R.T. -0.00 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 60992

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.6	28.0
125	10.0	10.8	16.2#

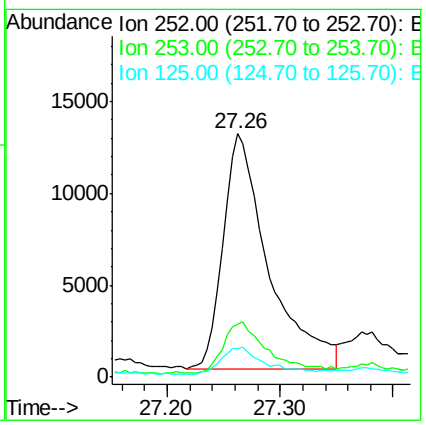


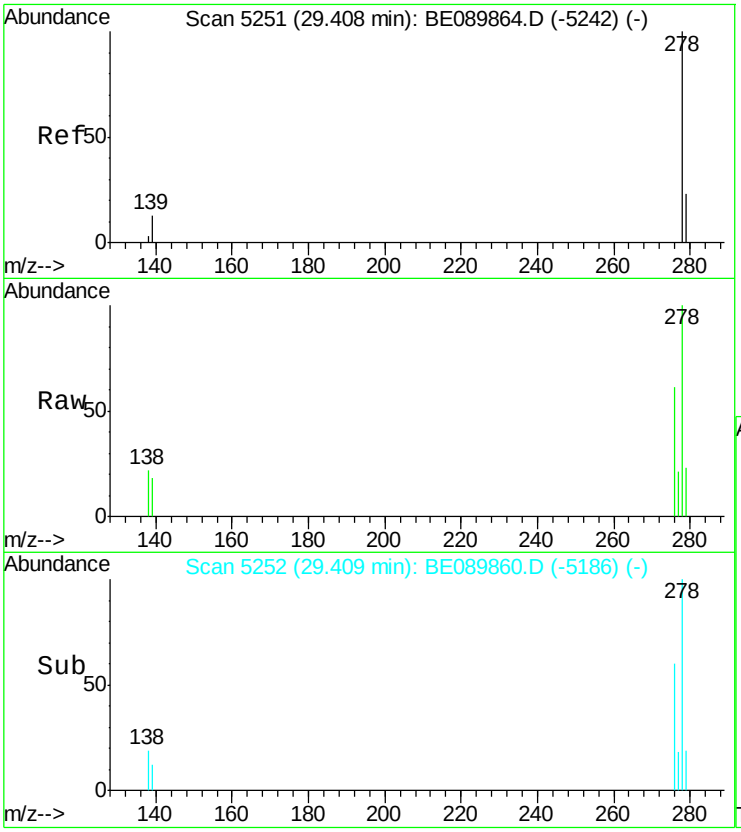


#28
Benzo(a)pyrene
Concen: 0.68 ng
RT: 27.26 min Scan# 4784
Delta R.T. -0.00 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Tgt Ion:252 Resp: 35160

Ion	Ratio	Lower	Upper
252	100		
253	21.7	21.0	31.4
125	11.7	13.3	19.9#



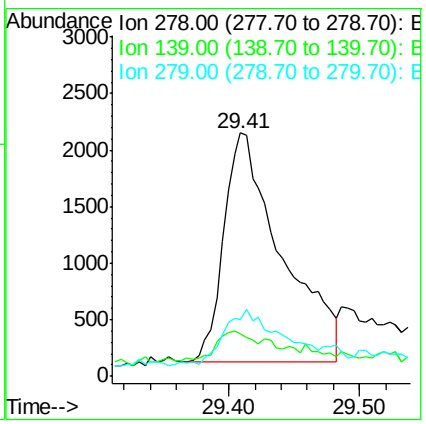


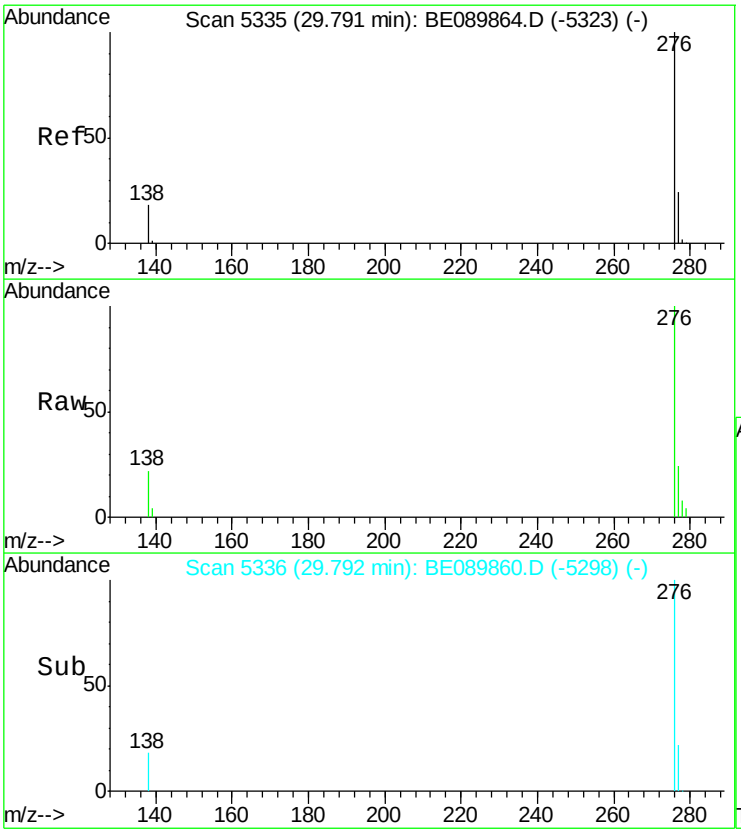
#29
Dibenzo(a,h)anthracene
Concen: 0.17 ng
RT: 29.41 min Scan# 5252
Delta R.T. 0.00 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:278 Resp: 6235

Ion	Ratio	Lower	Upper
278	100		
139	17.5	20.0	30.0#
279	23.4	28.9	43.3#





#30
Benzo(g,h,i)perylene
Concen: 0.20 ng
RT: 29.79 min Scan# 5336
Delta R.T. 0.00 min
Lab File: BE089860.D
Acq: 26 Mar 2015 16:46

Tgt Ion:276 Resp: 10392

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	21.8	22.9	34.3#