Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032415\
Data File : BE089812.D
Acq On : 24 Mar 2015 12:47
Operator : TP/JJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Mar 24 18:24:54 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE032415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 24 18:03:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	164279	5.00	ng		0.00
4) Naphthalene-d8	10.26	136	656502	5.00	ng		0.00
8) Acenaphthene-d10	14.39	164	318120	5.00	ng		0.00
13) Phenanthrene-d10	17.92	188	538748	5.00	ng		0.00
19) Chrysene-d12	24.26	240	406430	5.00	ng		0.00
25) Perylene-d12	27.41	264	335643	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	8.68	82	6281	0.39	ng		0.00
9) 2-Fluorobiphenyl	12.85	172	13274	0.18	ng		0.00
21) Terphenyl-d14	21.86	244	11810	0.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	4721	0.22	ng		96
3) n-Nitrosodimethylamine	2.97	42	5679	0.18	ng		93
6) Naphthalene	10.31	128	26508	0.20	ng		98
7) 2-Methylnaphthalene	11.94	142	12436	0.17	ng		96
10) Acenaphthylene	14.04	152	86114	0.19	ng		97
11) Acenaphthene	14.46	154	13999	0.20	ng		87
12) Fluorene	15.71	166	16474	0.19	ng		95
14) Hexachlorobenzene	16.98	284	3787	0.21	ng		99
15) Pentachlorophenol	17.50	266	8284	1.87	ng		96
16) Phenanthrene	17.97	178	24484	0.21	ng		98
17) Anthracene	18.10	178	19771	0.19	ng		99
18) Fluoranthene	20.82	202	19127	0.18	ng		99
20) Pyrene	21.34	202	20990	0.20	ng		99
22) Benzo(a)anthracene	24.24	228	14292	0.19	ng		99
23) Chrysene	24.32	228	16791	0.20	ng		98
24) Indeno(1,2,3-cd)pyrene	29.38	276	3290	0.46	ng	#	64
26) Benzo(b)fluoranthene	26.64	252	7588	0.41	ng		95
27) Benzo(k)fluoranthene	26.70	252	8747	0.13	ng		96
28) Benzo(a)pyrene	27.29	252	6869	0.39	ng		96
29) Dibenzo(a,h)anthracene	29.44	278	2884	0.46	ng		93
30) Benzo(g,h,i)perylene	29.83	276	7761	0.36	ng	#	92

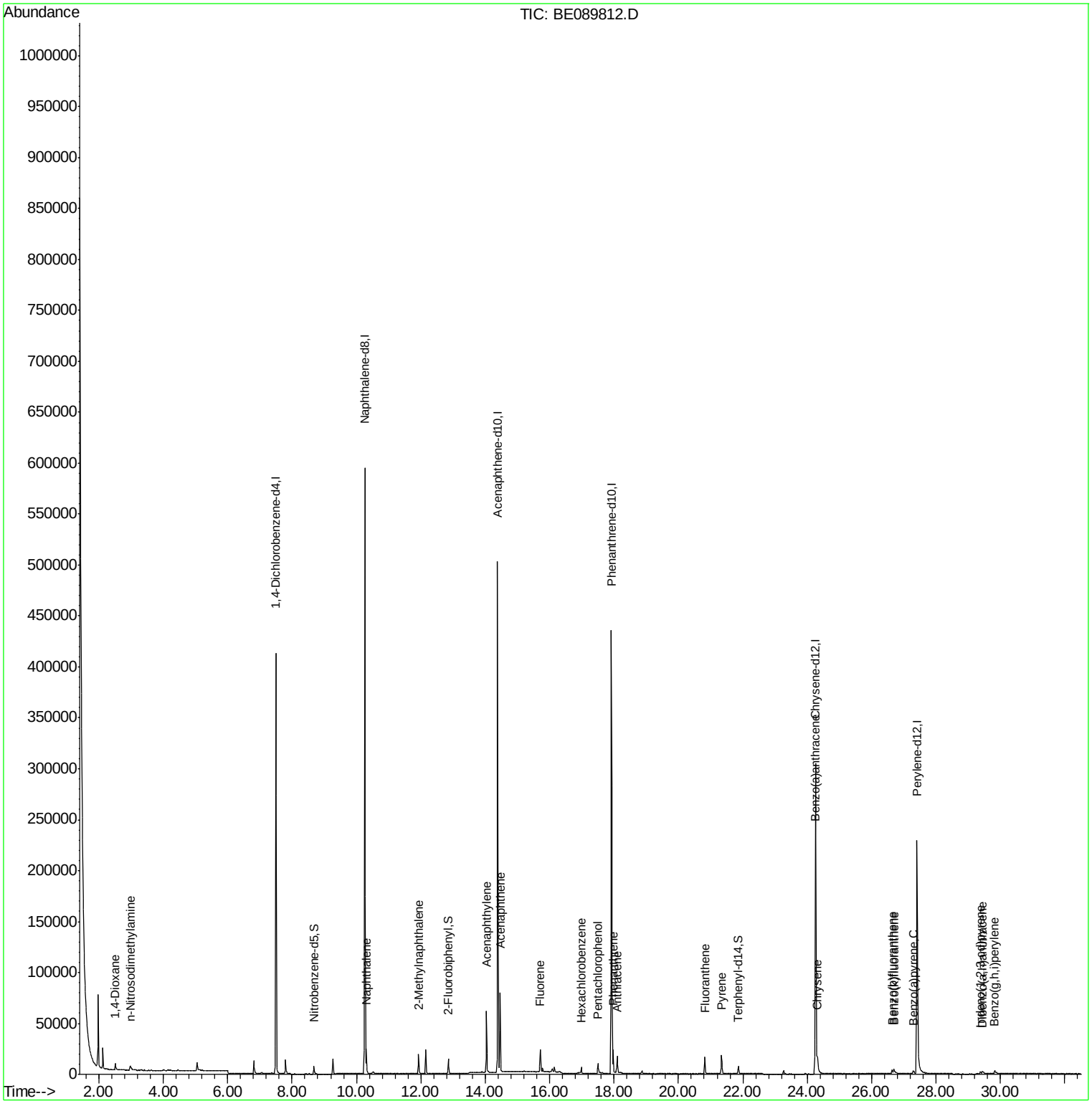
(#) = qualifier out of range (m) = manual integration (+) = signals summed

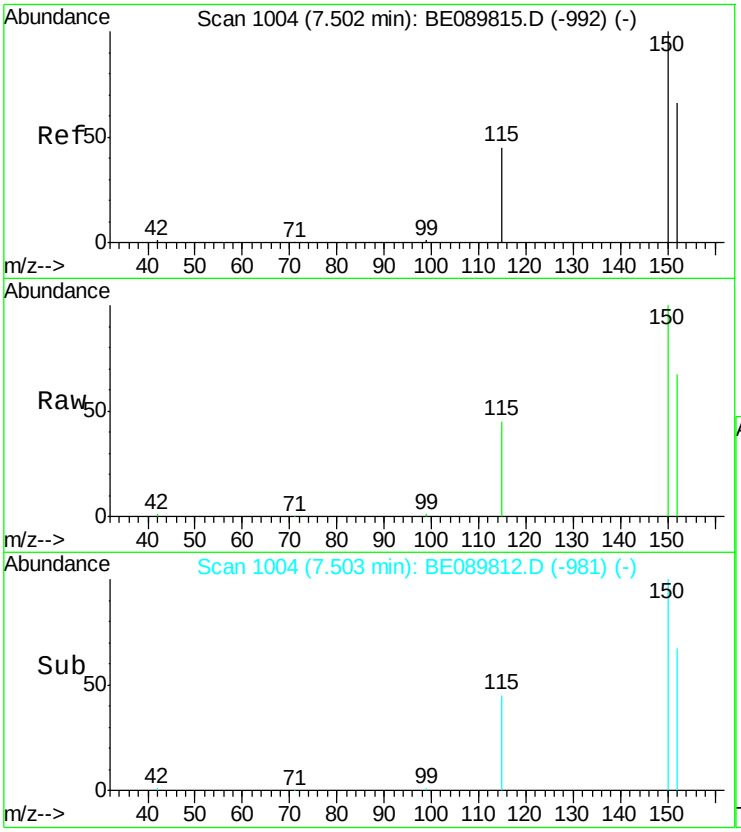
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032415\
Data File : BE089812.D
Acq On : 24 Mar 2015 12:47
Operator : TP/JJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Mar 24 18:24:54 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE032415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 24 18:03:12 2015
Response via : Initial Calibration



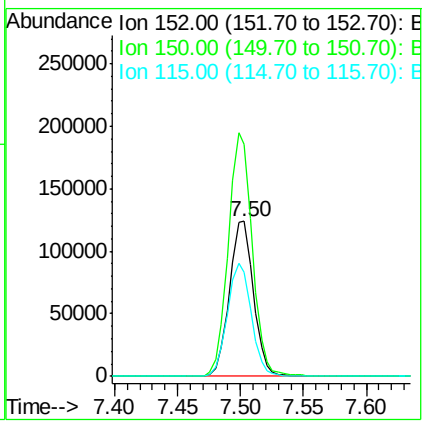


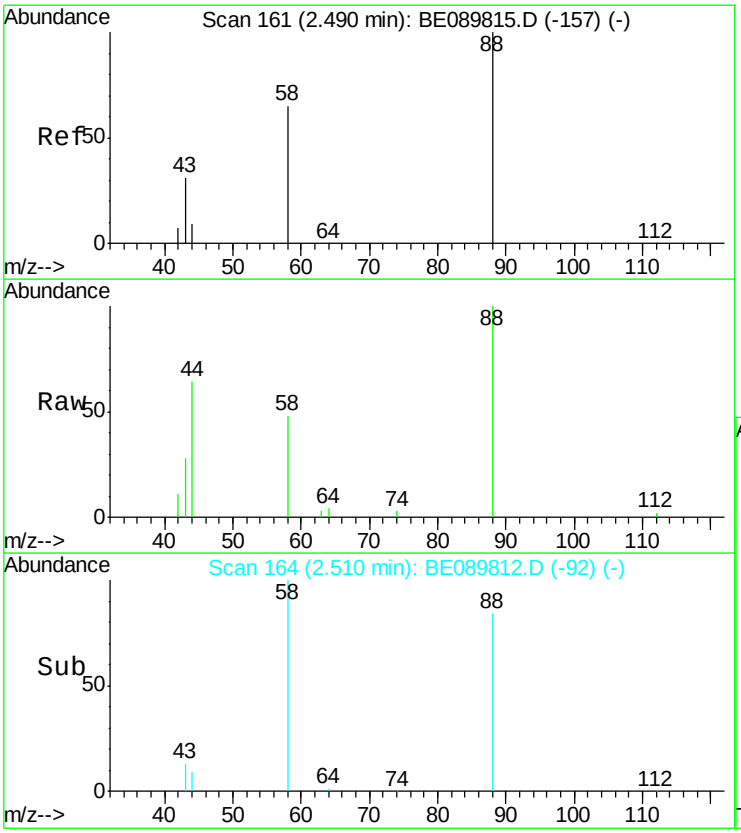
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.50 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 164279

Ion	Ratio	Lower	Upper
152	100		
150	149.5	125.5	188.3
115	66.7	58.0	87.0

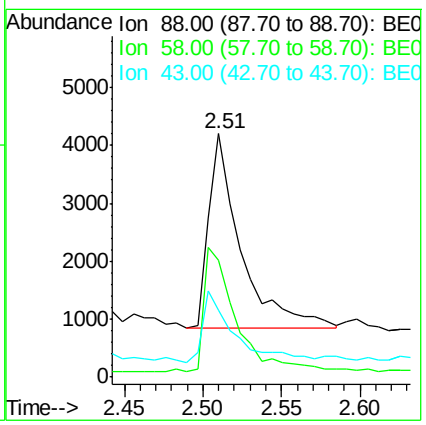


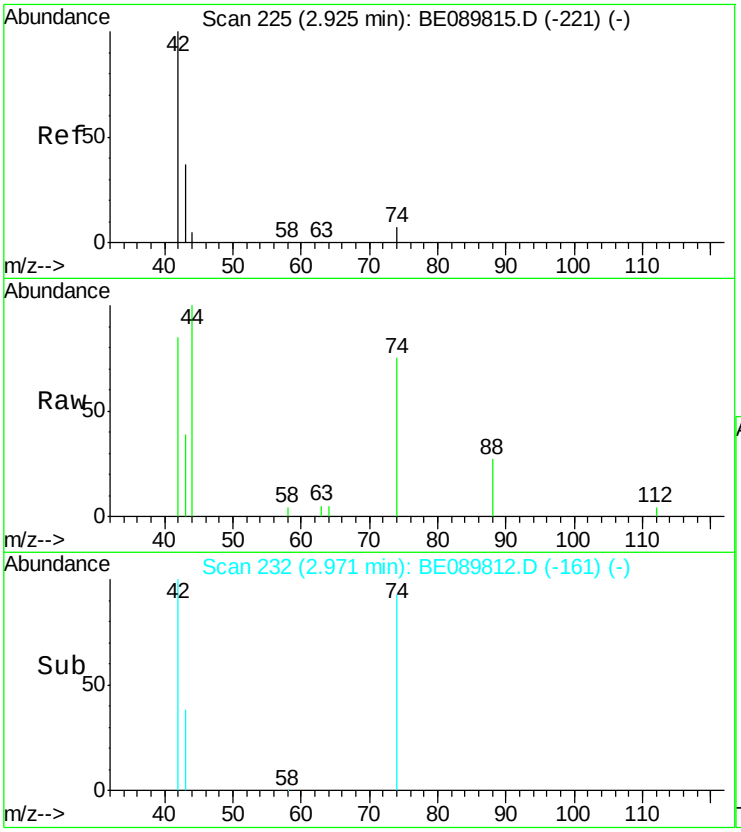


#2
1,4-Dioxane
Concen: 0.22 ng
RT: 2.51 min Scan# 164
Delta R.T. -0.01 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Tgt Ion: 88 Resp: 4721

Ion	Ratio	Lower	Upper
88	100		
58	64.4	48.6	72.8
43	37.0	28.6	43.0



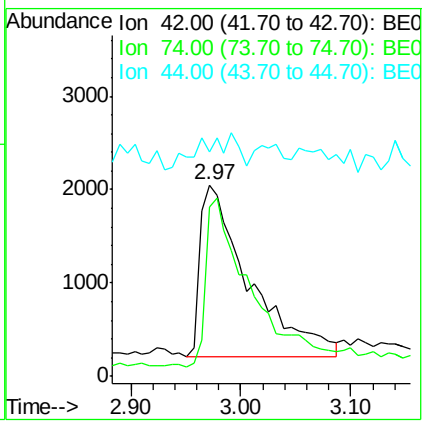


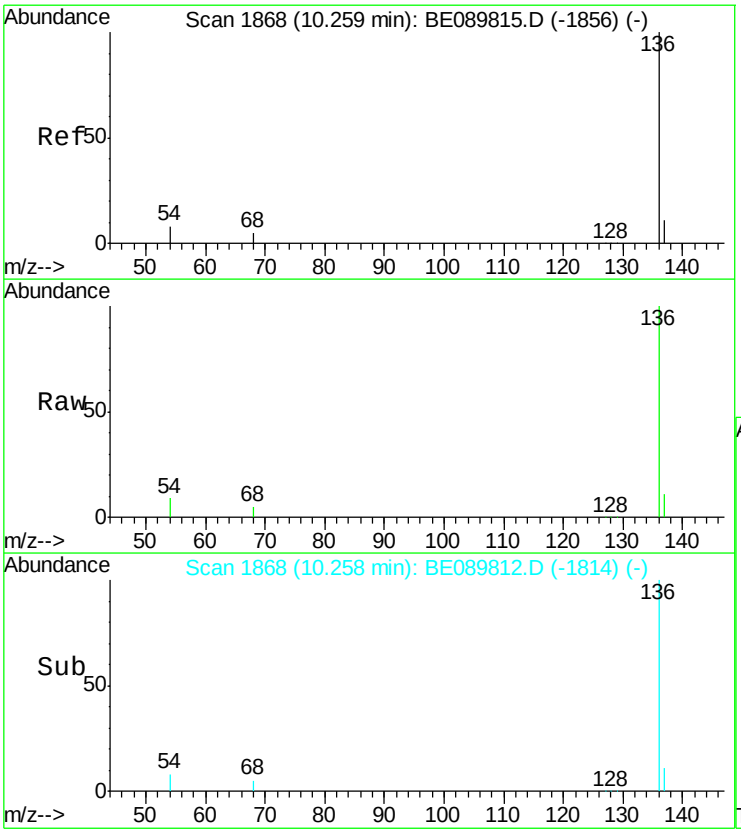
#3
n-Nitrosodimethylamine
Concen: 0.18 ng
RT: 2.97 min Scan# 232
Delta R.T. -0.02 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 5679

Ion	Ratio	Lower	Upper
42	100		
74	92.4	68.7	103.1
44	6.3	6.2	9.4

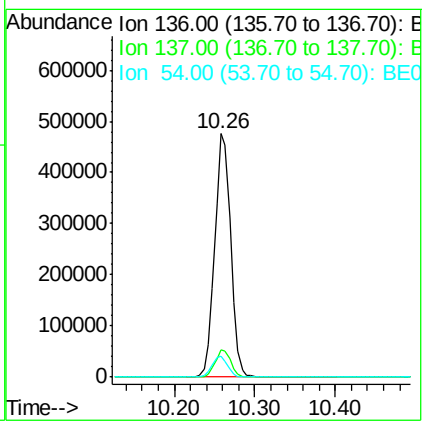


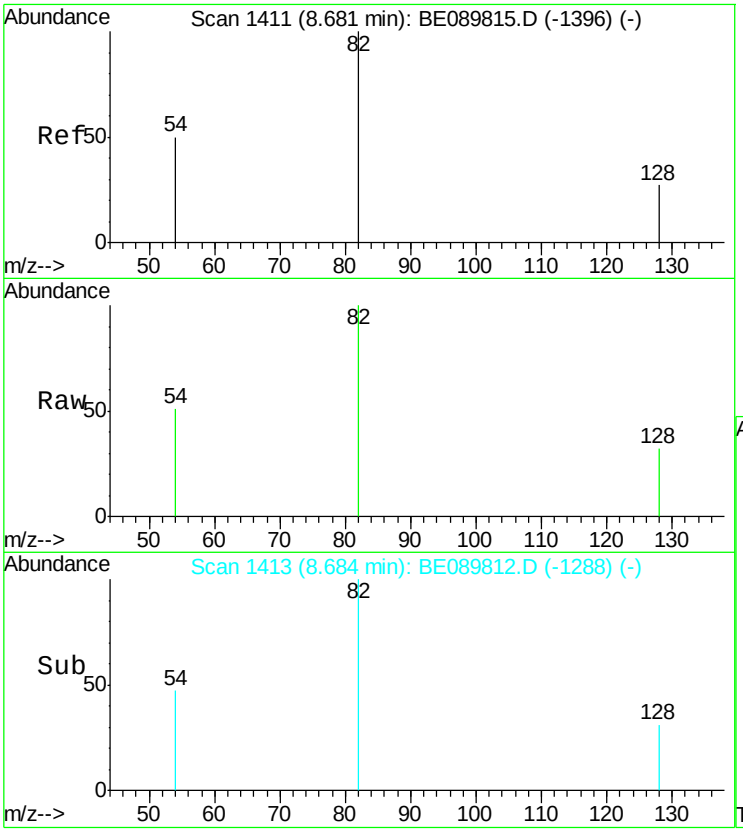


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 10.26 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Tgt Ion:136 Resp: 656502

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.5	7.0	10.4



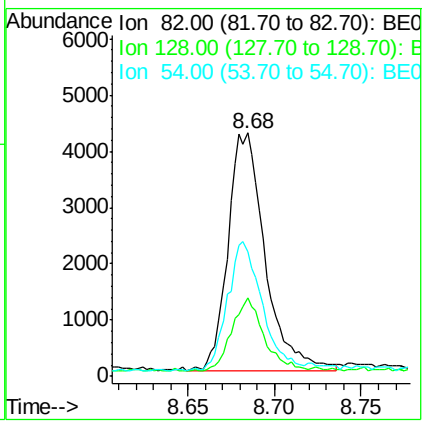


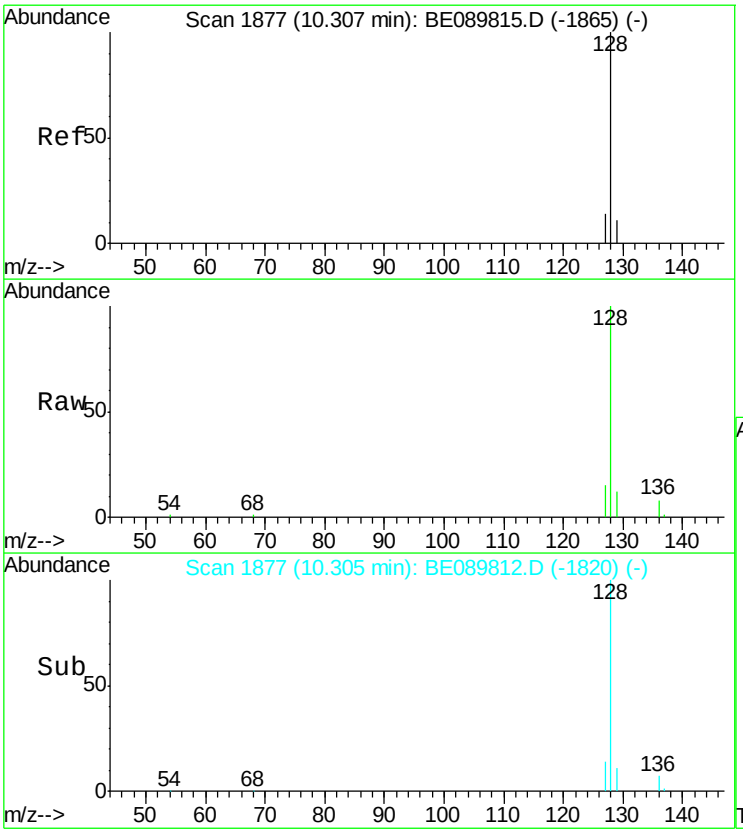
#5
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.68 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 82 Resp: 6281

Ion	Ratio	Lower	Upper
82	100		
128	32.2	24.6	37.0
54	51.0	43.0	64.6

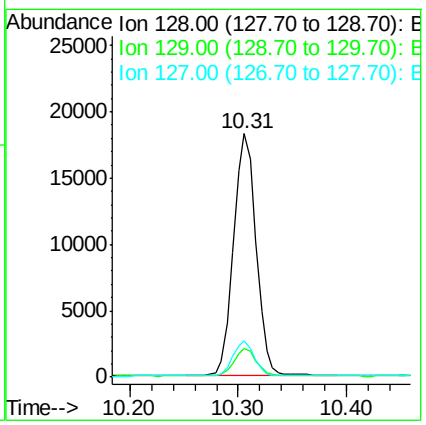


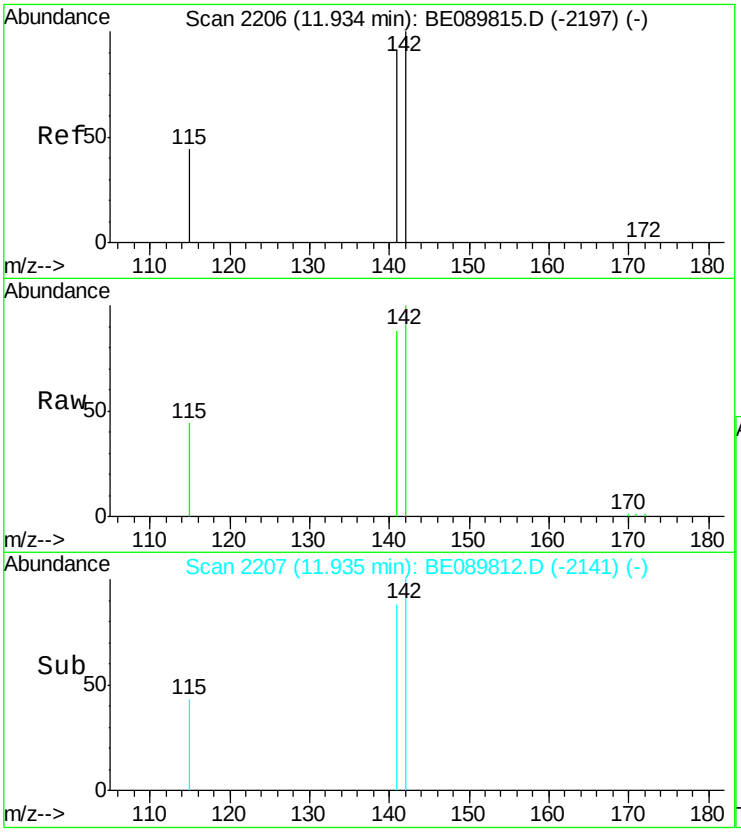


#6
Naphthalene
Concen: 0.20 ng
RT: 10.31 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Tgt Ion:128 Resp: 26508

Ion	Ratio	Lower	Upper
128	100		
129	11.6	10.0	15.0
127	14.7	12.5	18.7



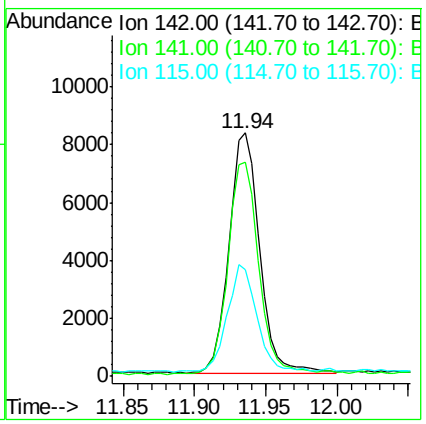


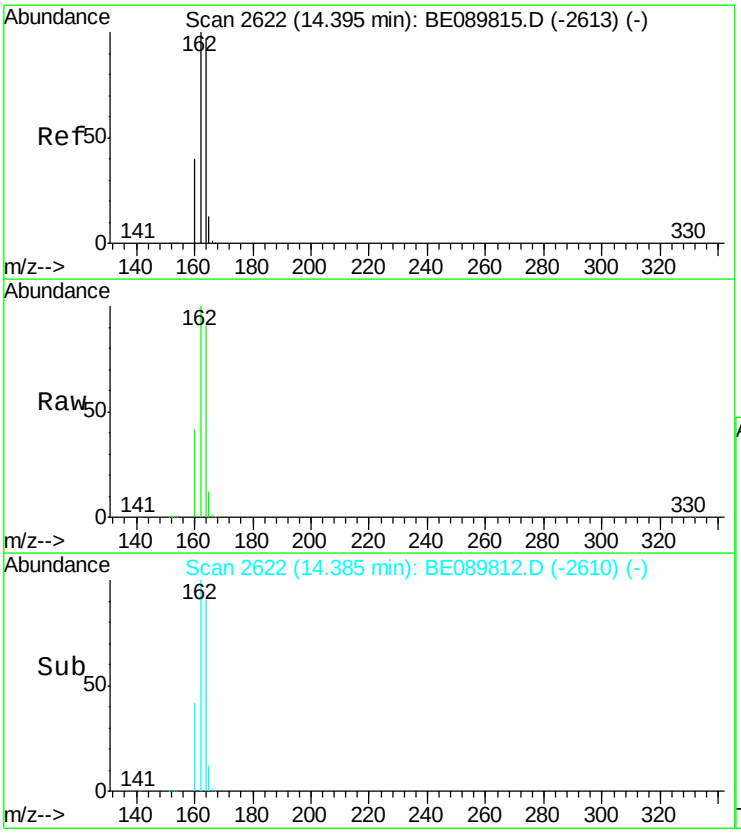
#7
2-Methylnaphthalene
Concen: 0.17 ng
RT: 11.94 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:142 Resp: 12436

Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.8	109.2
115	44.0	32.9	49.3

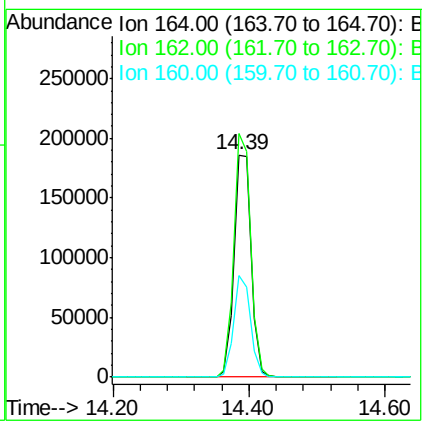


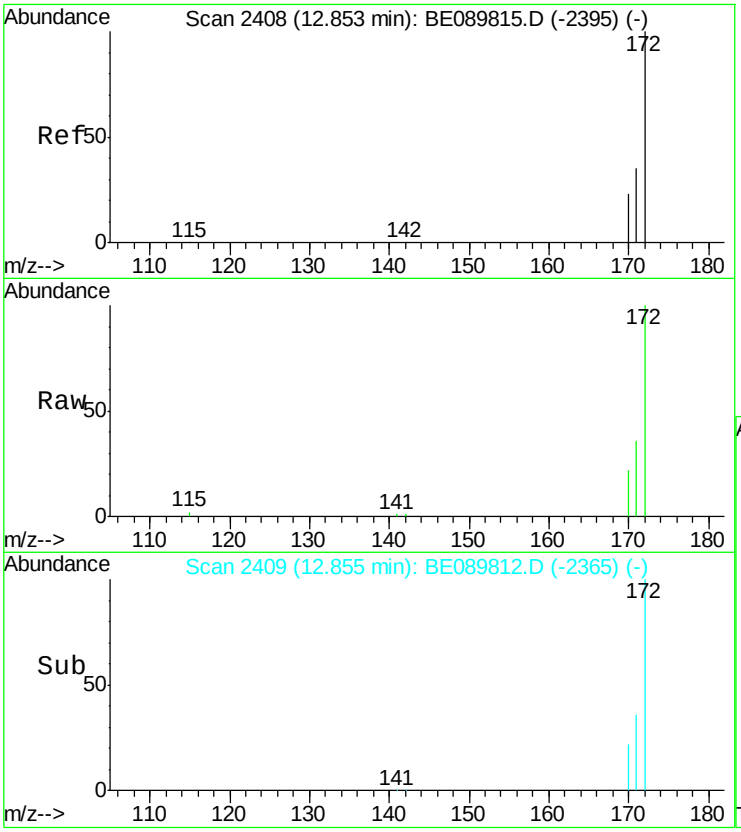


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.39 min Scan# 2622
Delta R.T. -0.00 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Tgt Ion:164 Resp: 318120

Ion	Ratio	Lower	Upper
164	100		
162	109.7	87.6	131.4
160	46.0	36.7	55.1



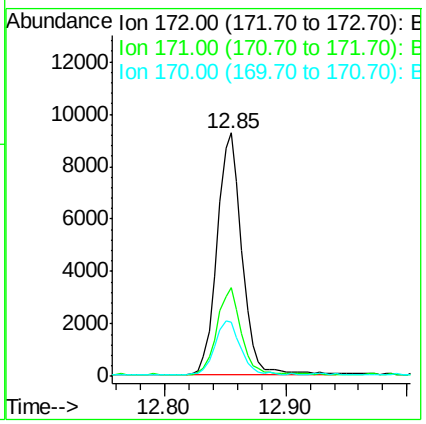


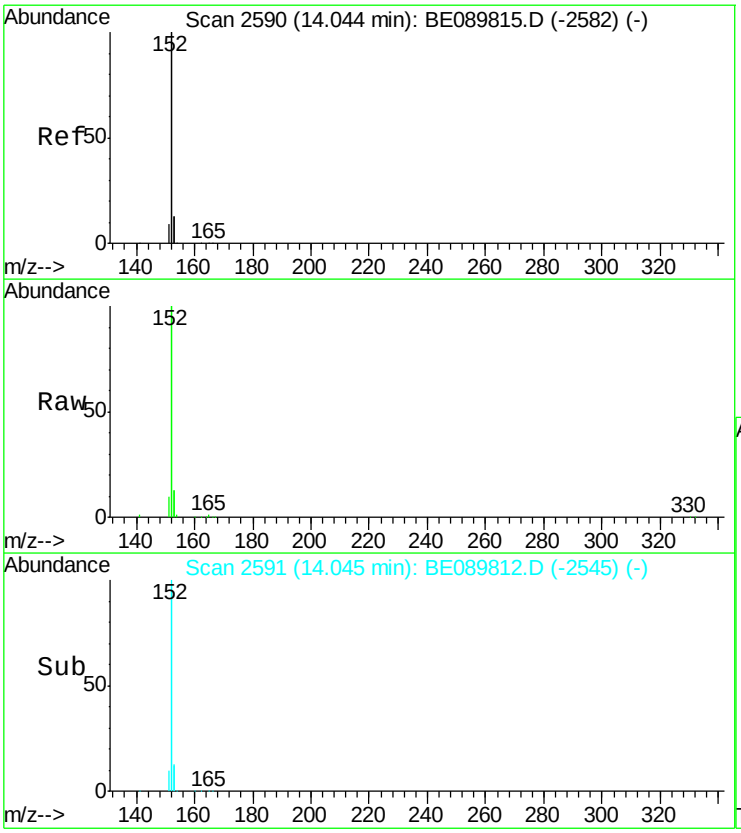
#9
2-Fluorobiphenyl
Concen: 0.18 ng
RT: 12.85 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 13274

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.8	46.2
170	22.1	21.0	31.4

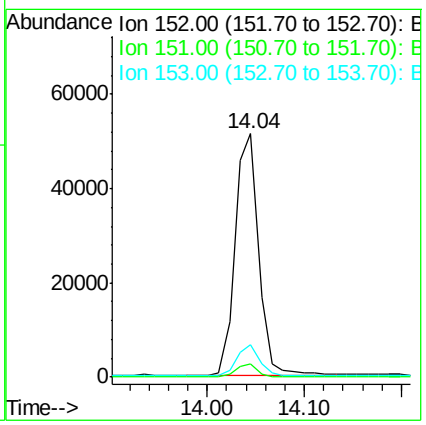


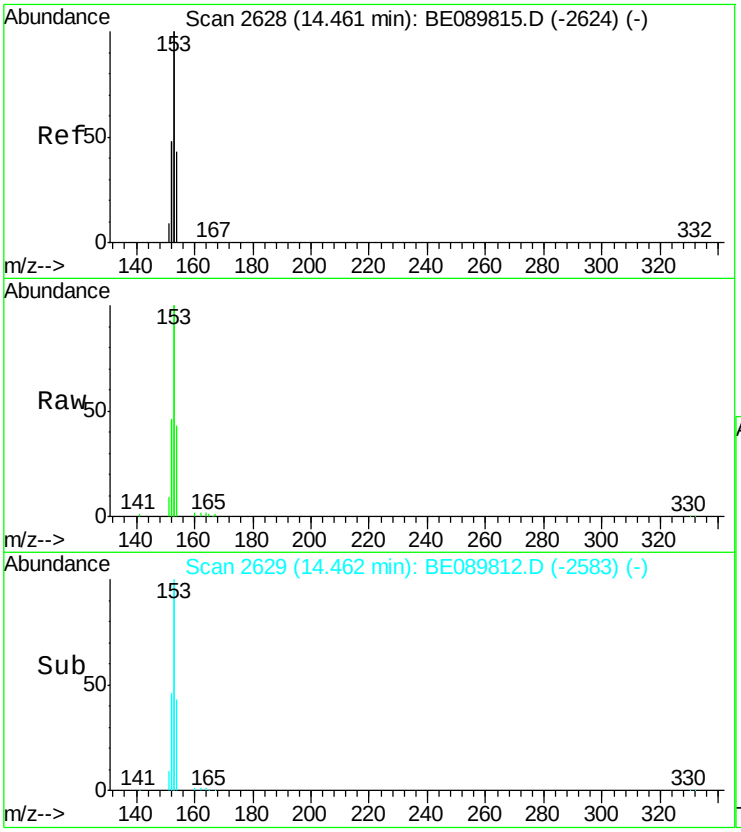


#10
Acenaphthylene
Concen: 0.19 ng
RT: 14.04 min Scan# 2591
Delta R.T. -0.00 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Tgt Ion:152 Resp: 86114

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	12.1	11.0	16.4



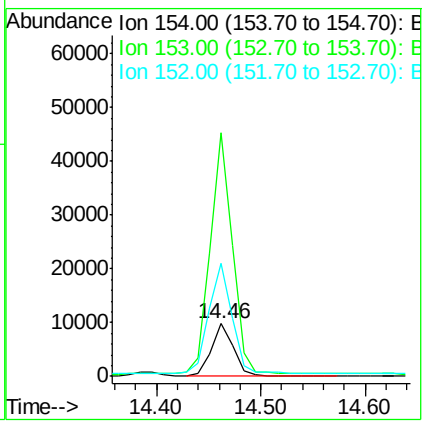


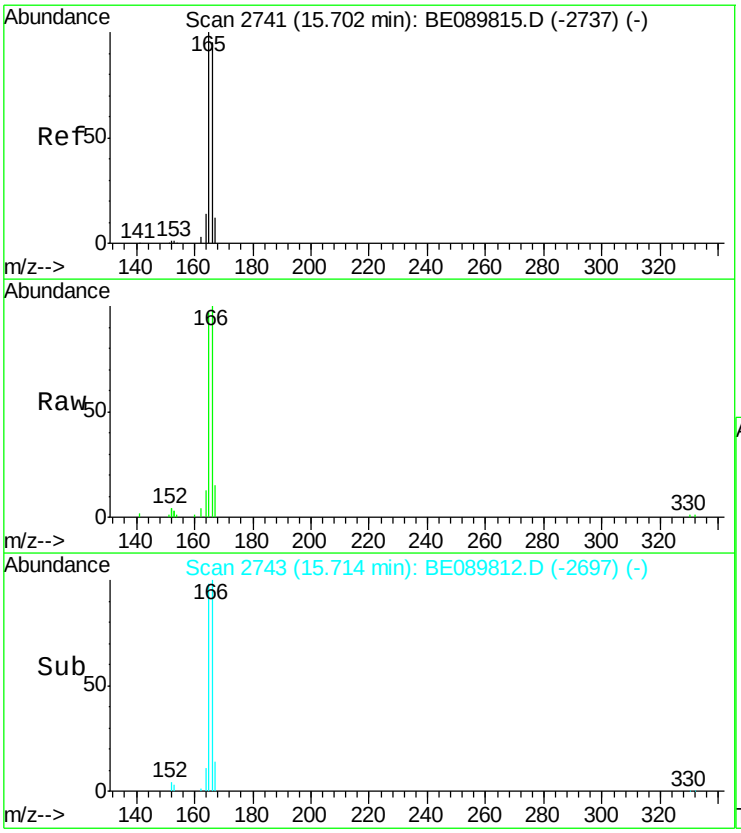
#11
Acenaphthene
Concen: 0.20 ng
RT: 14.46 min Scan# 2629
Delta R.T. -0.00 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 13999

Ion	Ratio	Lower	Upper
154	100		
153	464.8	401.5	602.3
152	227.6	198.6	298.0

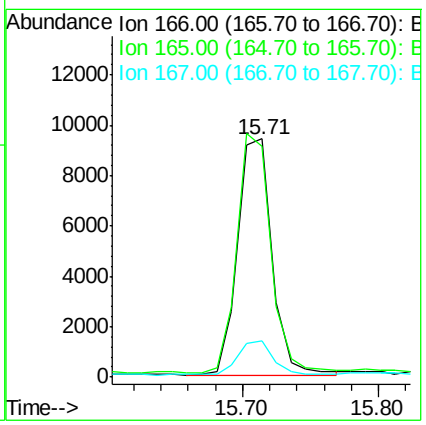


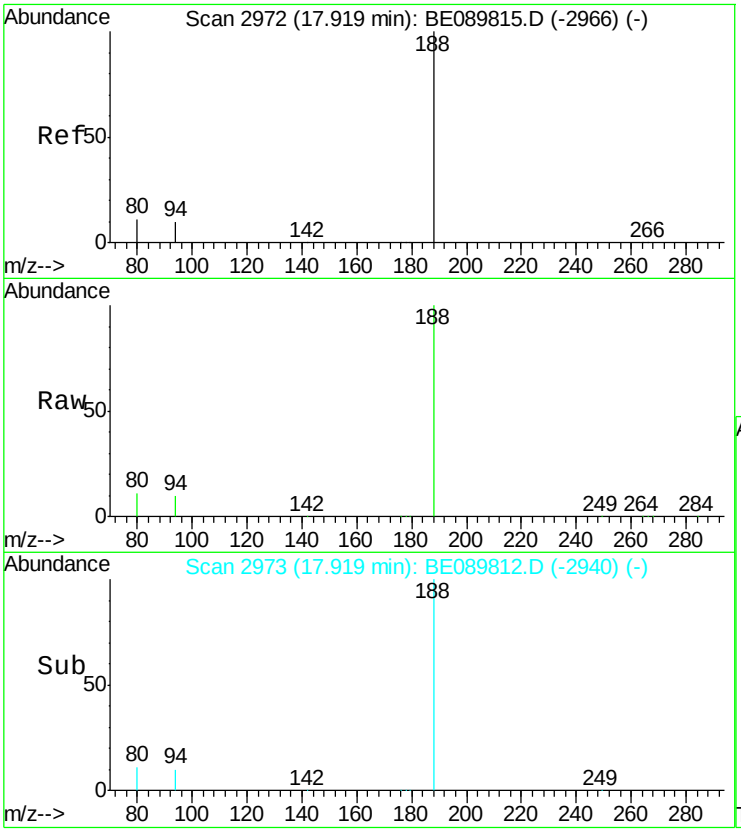


#12
Fluorene
Concen: 0.19 ng
RT: 15.71 min Scan# 2743
Delta R.T. -0.00 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Tgt Ion:166 Resp: 16474

Ion	Ratio	Lower	Upper
166	100		
165	100.8	85.1	127.7
167	14.9	12.2	18.4



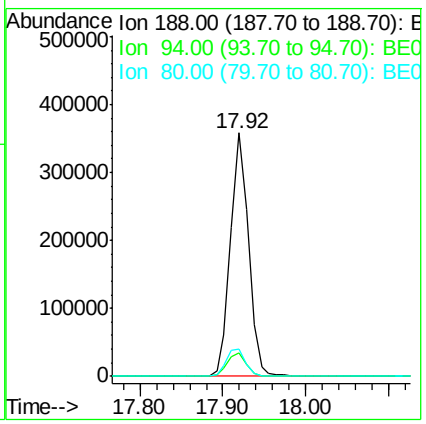


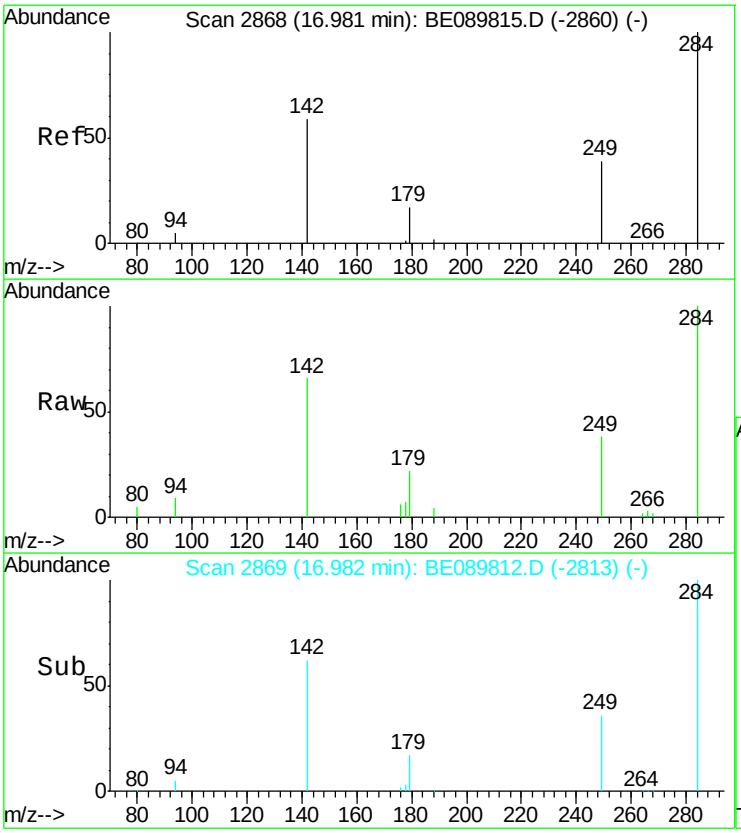
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.92 min Scan# 2973
Delta R.T. 0.00 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 538748

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	11.3	10.0	15.0

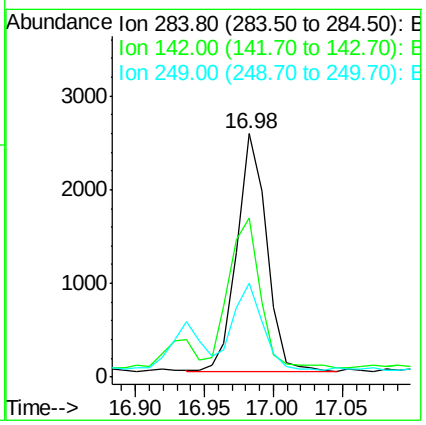


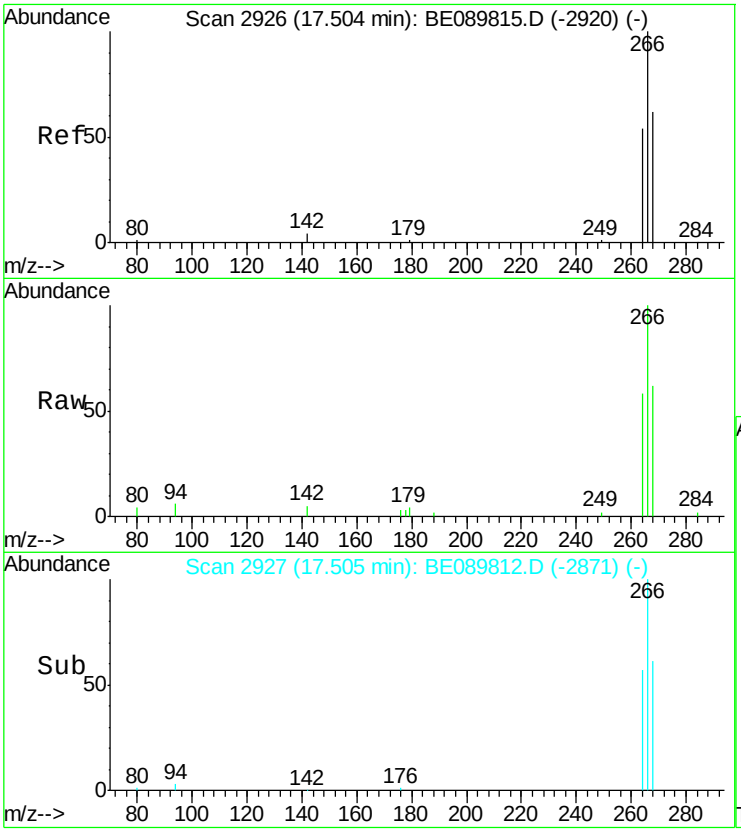


#14
Hexachlorobenzene
Concen: 0.21 ng
RT: 16.98 min Scan# 2869
Delta R.T. 0.00 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Tgt Ion:284 Resp: 3787

Ion	Ratio	Lower	Upper
284	100		
142	66.9	53.3	79.9
249	37.2	31.1	46.7



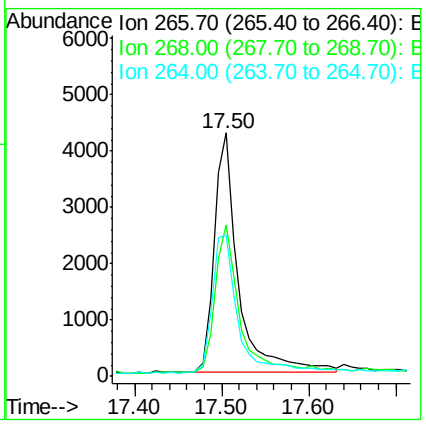


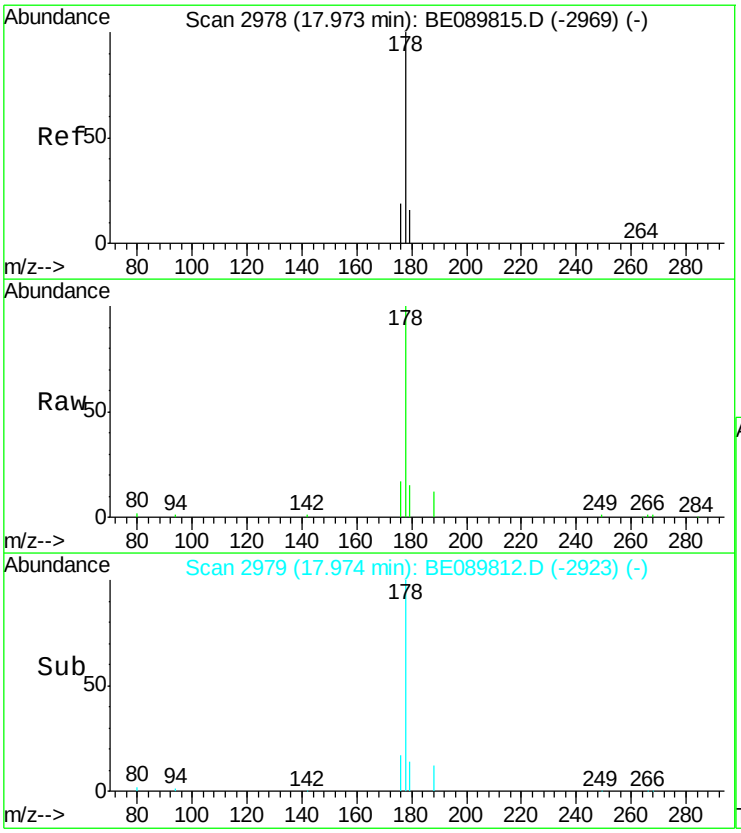
#15
Pentachlorophenol
Concen: 1.87 ng
RT: 17.50 min Scan# 2927
Delta R.T. 0.00 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:266 Resp: 8284

Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.6	77.4
264	57.9	50.2	75.2

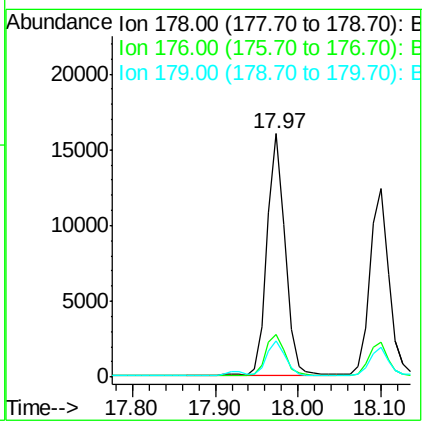


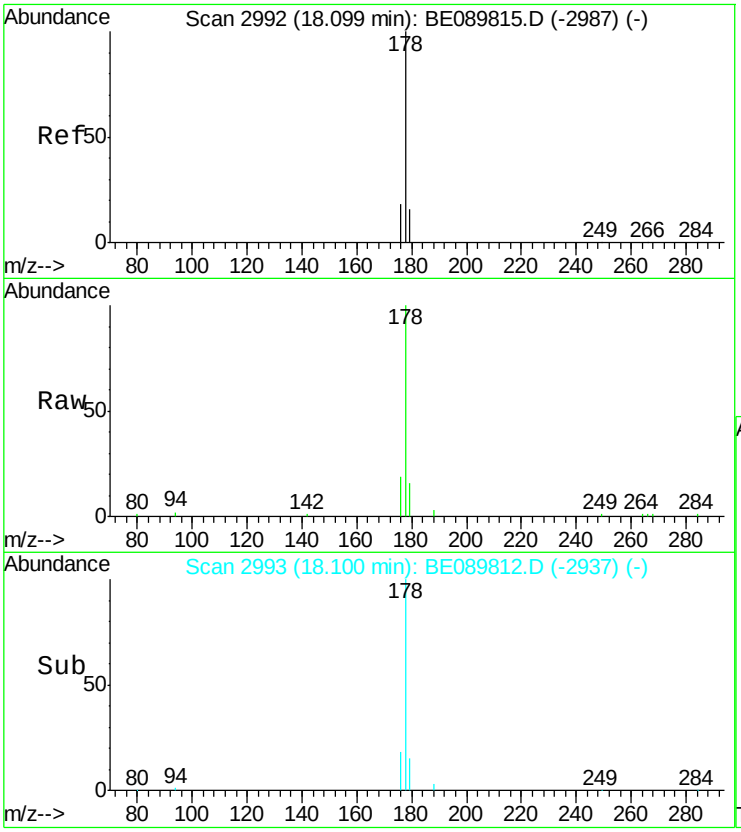


#16
Phenanthrene
Concen: 0.21 ng
RT: 17.97 min Scan# 2979
Delta R.T. 0.00 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Tgt Ion:178 Resp: 24484

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.0
179	14.5	12.2	18.4



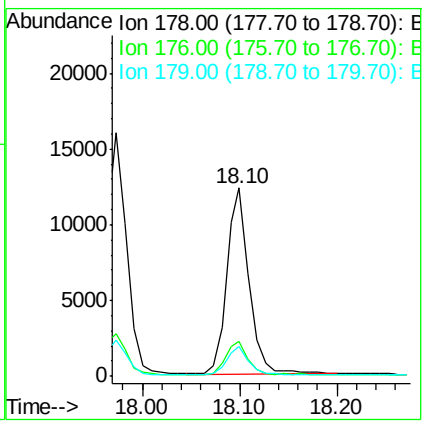


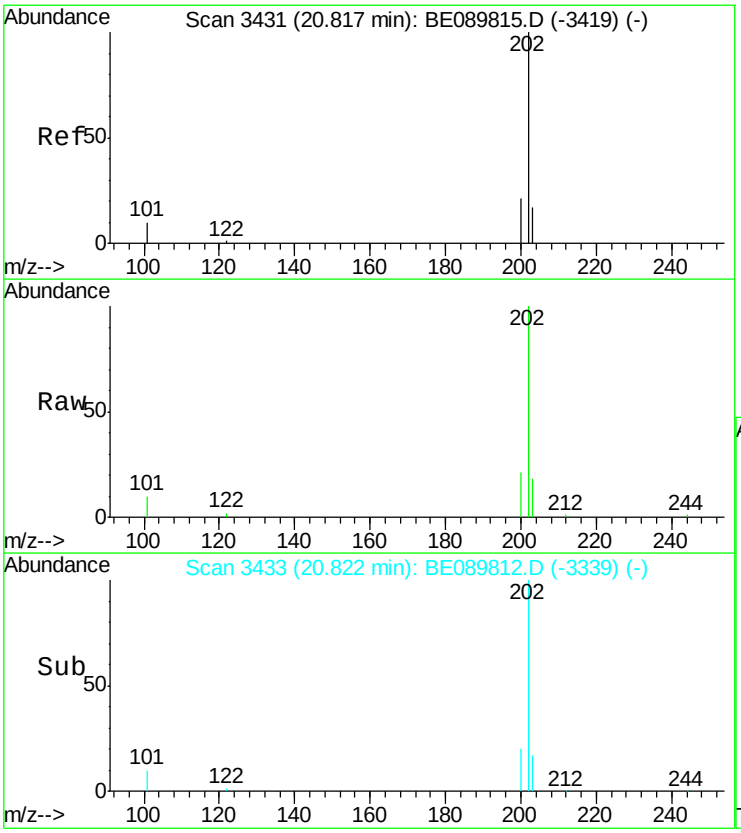
#17
Anthracene
Concen: 0.19 ng
RT: 18.10 min Scan# 2993
Delta R.T. 0.00 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 19771

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	15.4	12.1	18.1

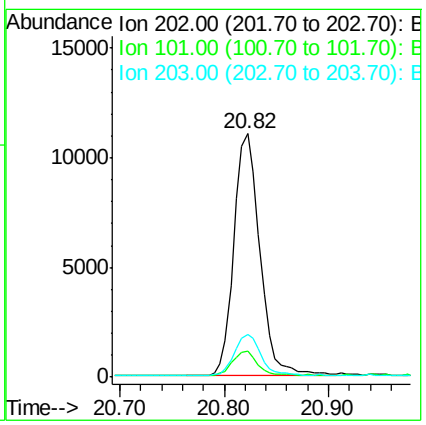


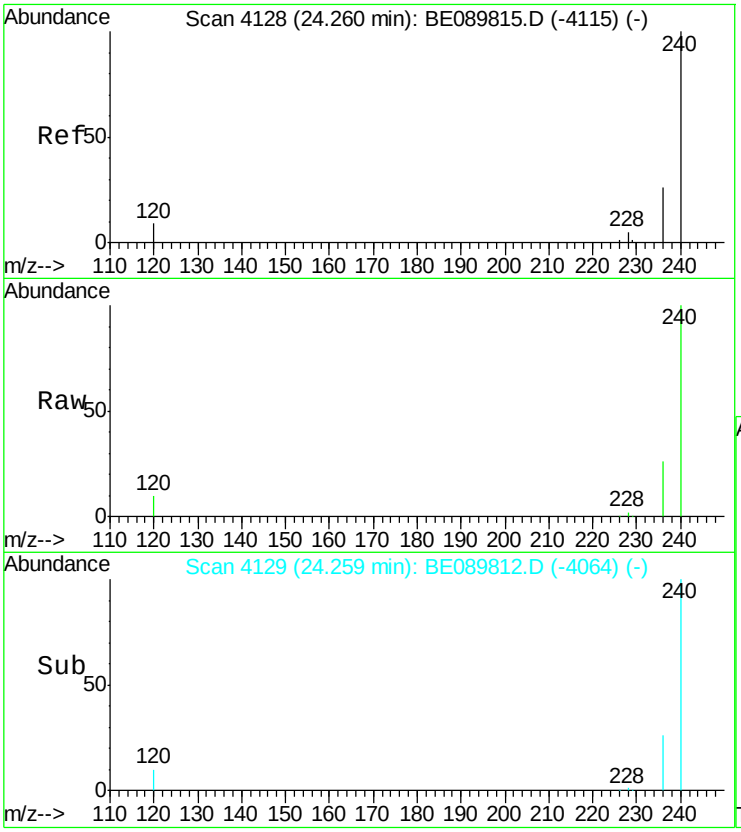


#18
Fluoranthene
Concen: 0.18 ng
RT: 20.82 min Scan# 3433
Delta R.T. 0.00 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Tgt Ion:202 Resp: 19127

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.2	12.2
203	17.4	14.2	21.4



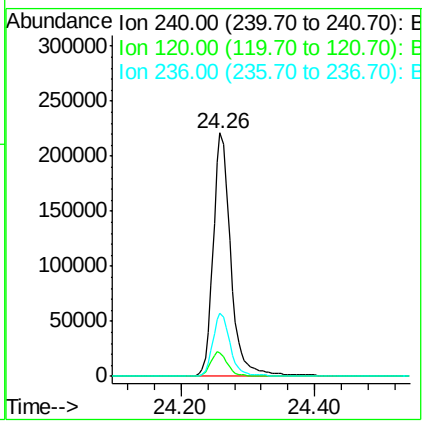


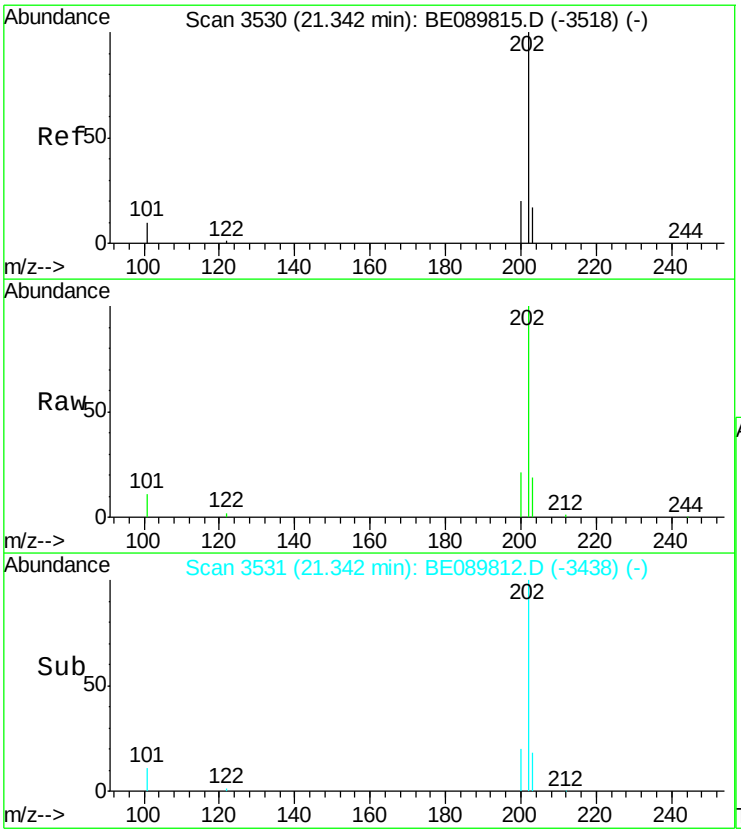
#19
Chrysene-d12
Concen: 5.00 ng
RT: 24.26 min Scan# 4129
Delta R.T. -0.00 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 406430

Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.5	11.3
236	25.7	20.5	30.7

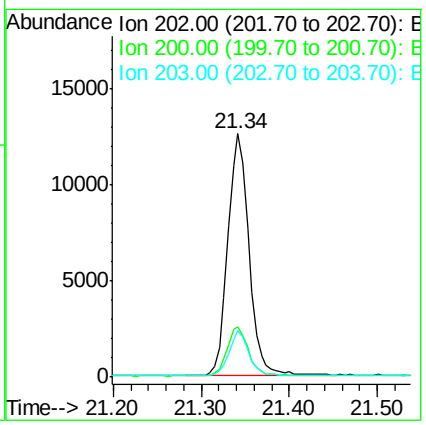


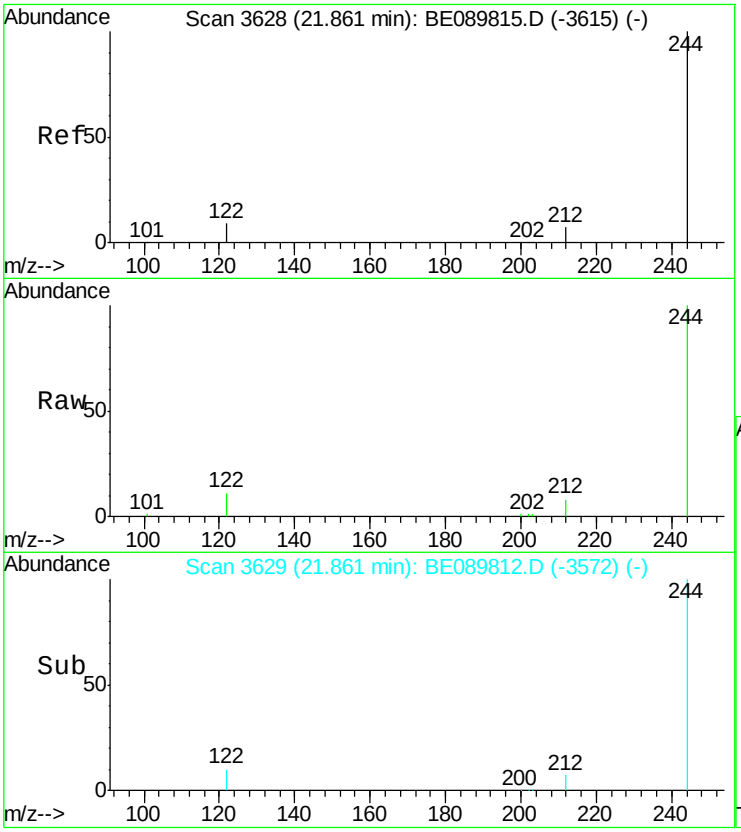


#20
Pyrene
Concen: 0.20 ng
RT: 21.34 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Tgt Ion:202 Resp: 20990

Ion	Ratio	Lower	Upper
202	100		
200	20.6	15.9	23.9
203	17.2	13.6	20.4



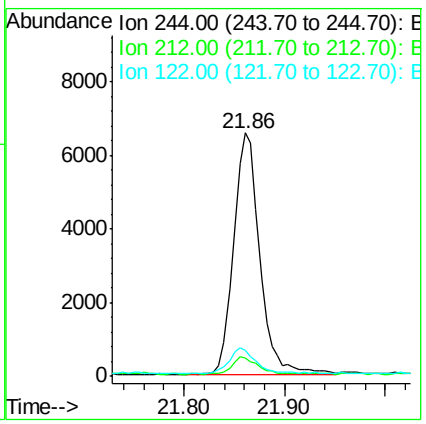


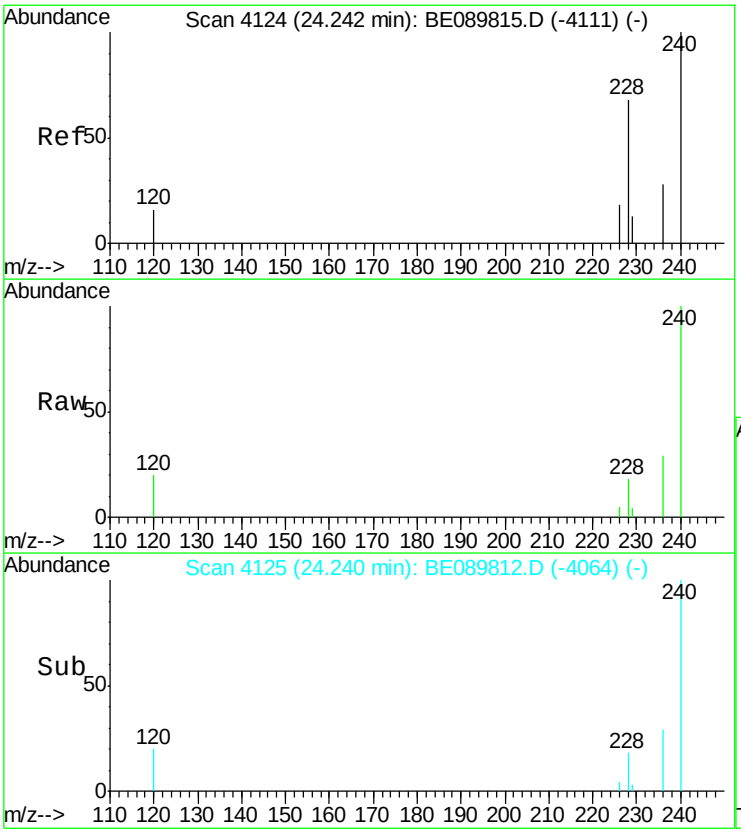
#21
Terphenyl-d14
Concen: 0.20 ng
RT: 21.86 min Scan# 3629
Delta R.T. 0.00 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 11810

Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.3	10.9
122	10.9	10.5	15.7

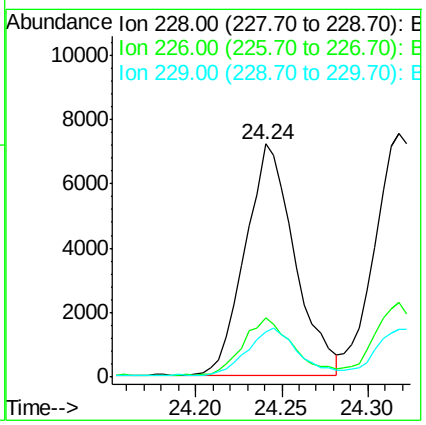


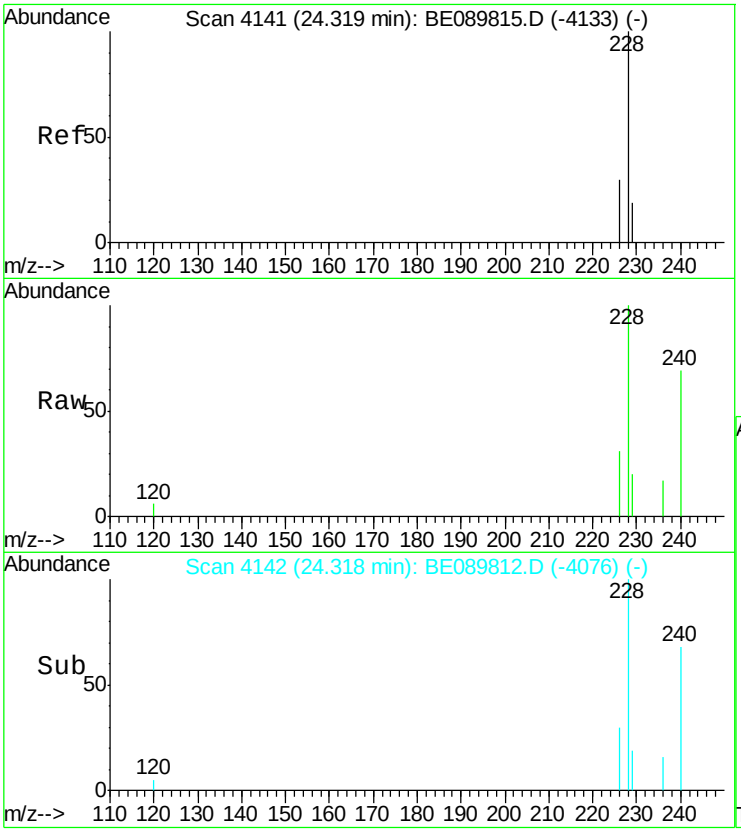


#22
Benzo(a)anthracene
Concen: 0.19 ng
RT: 24.24 min Scan# 4125
Delta R.T. -0.01 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Tgt Ion:228 Resp: 14292

Ion	Ratio	Lower	Upper
228	100		
226	25.2	19.8	29.8
229	19.6	16.3	24.5



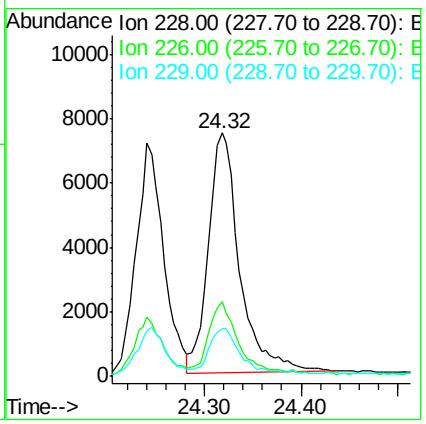


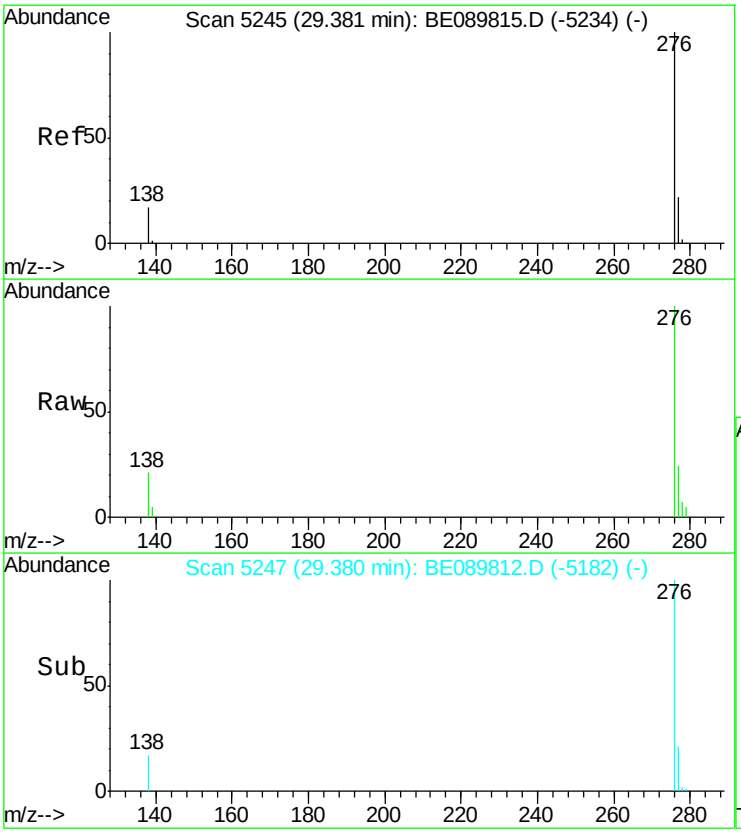
#23
Chrysene
Concen: 0.20 ng
RT: 24.32 min Scan# 4142
Delta R.T. 0.00 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 16791

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.0	34.4
229	19.7	15.8	23.6

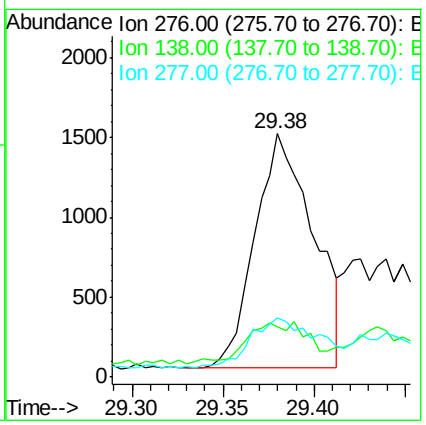


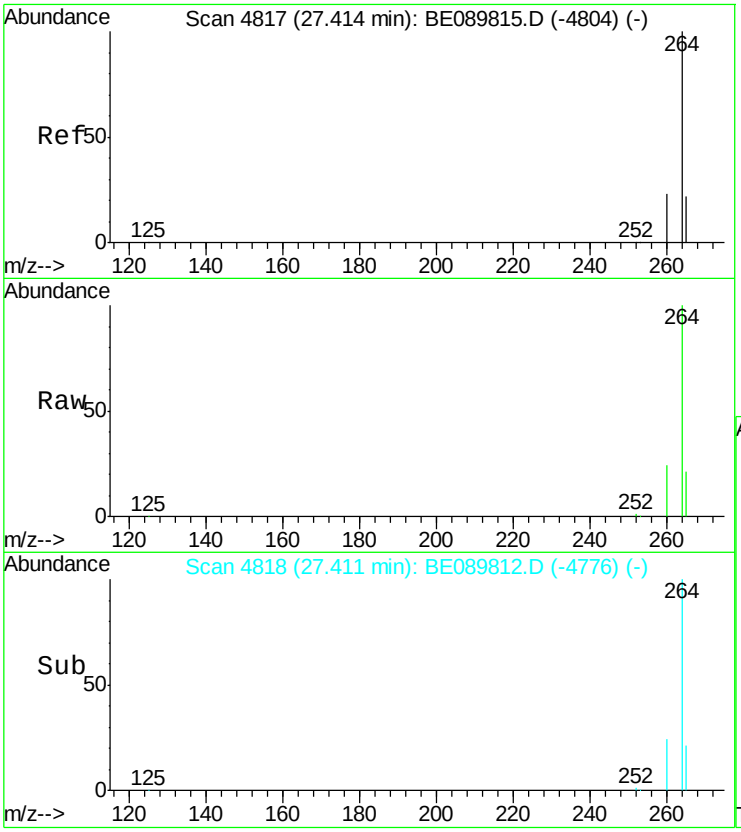


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.46 ng
RT: 29.38 min Scan# 5247
Delta R.T. -0.00 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Tgt Ion:276 Resp: 3290

Ion	Ratio	Lower	Upper
276	100		
138	18.4	4.3	6.5#
277	24.4	9.0	13.4#



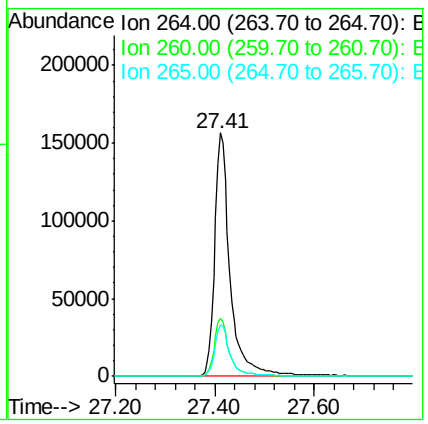


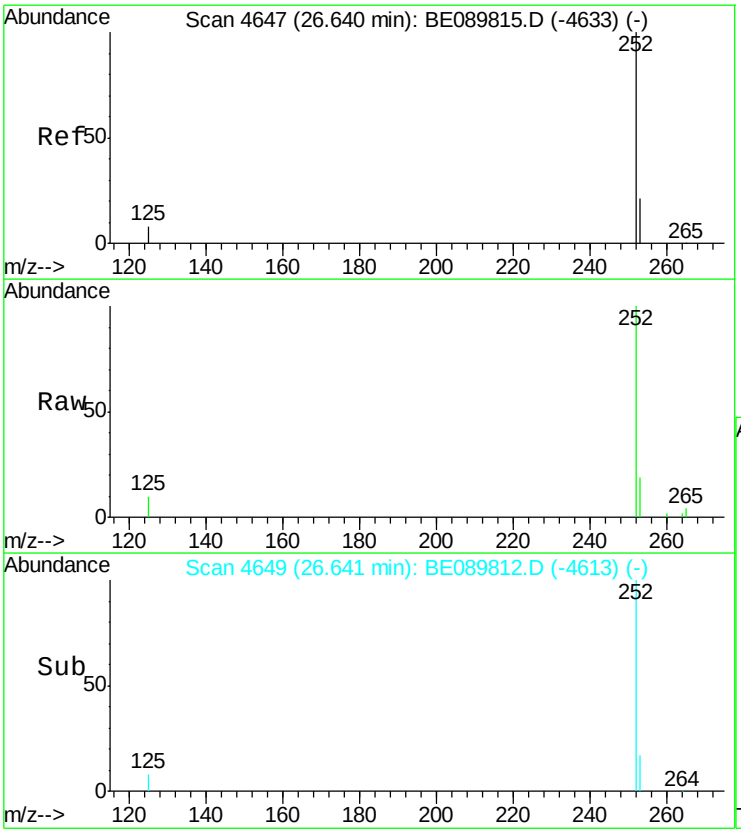
#25
Perylene-d12
Concen: 5.00 ng
RT: 27.41 min Scan# 4818
Delta R.T. -0.00 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 335643

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.2
265	21.4	17.3	25.9

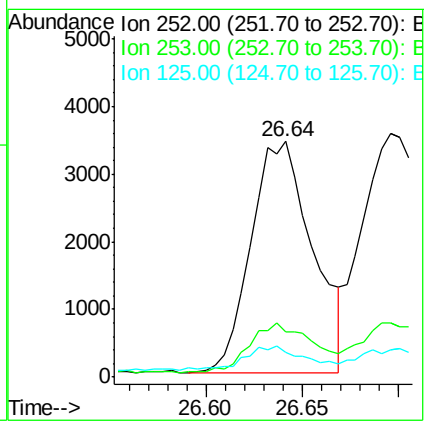


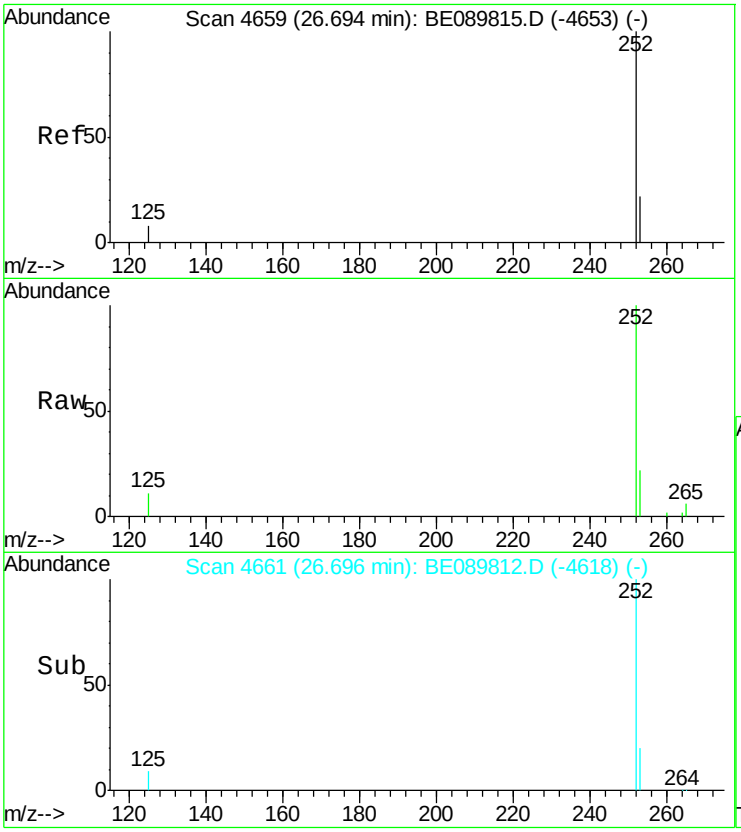


#26
Benzo(b)fluoranthene
Concen: 0.41 ng
RT: 26.64 min Scan# 4649
Delta R.T. 0.01 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Tgt Ion:252 Resp: 7588

Ion	Ratio	Lower	Upper
252	100		
253	19.1	17.8	26.6
125	10.5	8.7	13.1



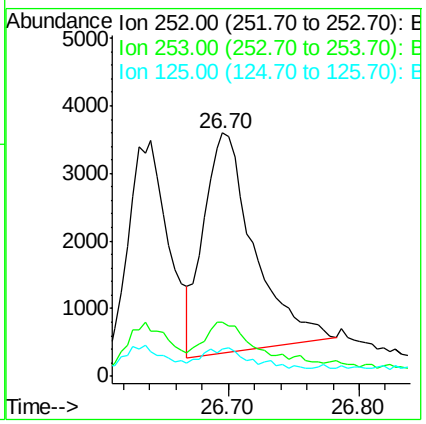


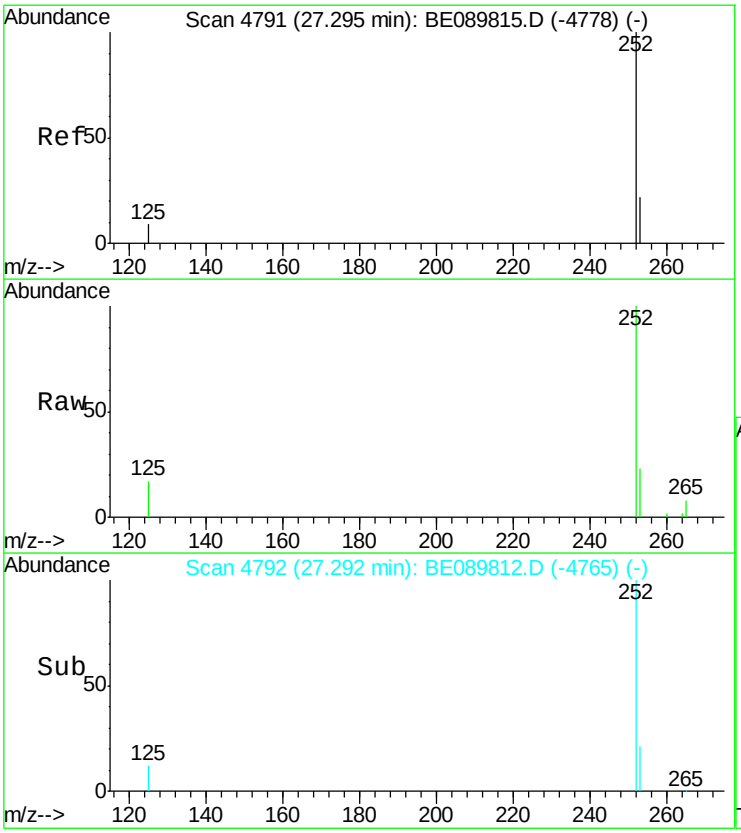
#27
Benzo(k)fluoranthene
Concen: 0.13 ng
RT: 26.70 min Scan# 4661
Delta R.T. -0.00 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 8747

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.6	28.0
125	11.1	10.8	16.2

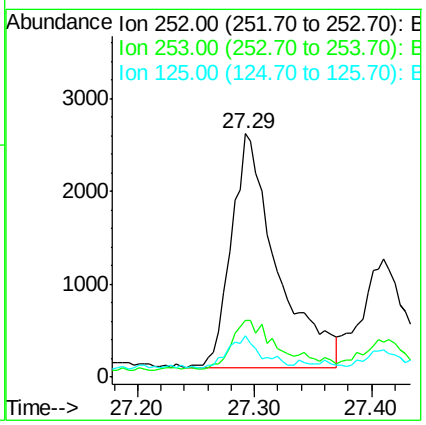


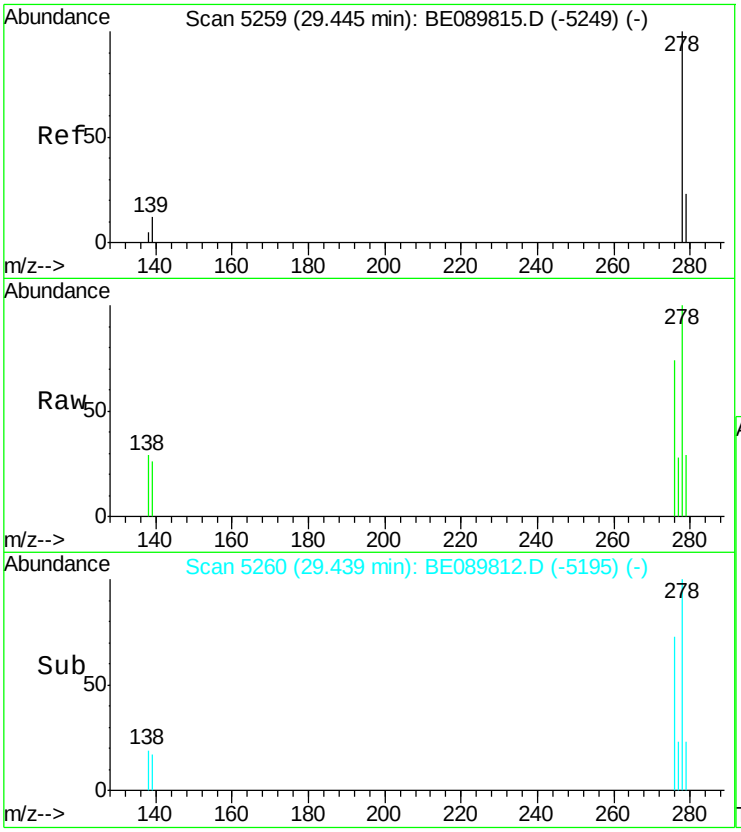


#28
Benzo(a)pyrene
Concen: 0.39 ng
RT: 27.29 min Scan# 4792
Delta R.T. -0.01 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Tgt Ion:252 Resp: 6869

Ion	Ratio	Lower	Upper
252	100		
253	23.2	21.0	31.4
125	16.8	13.3	19.9



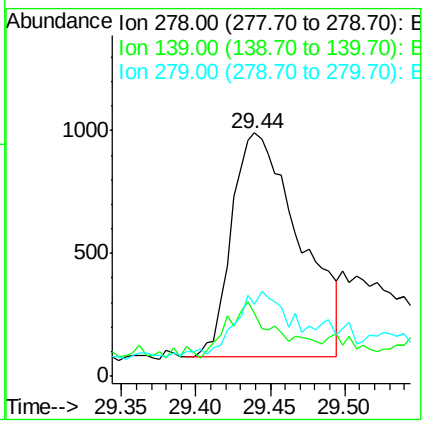


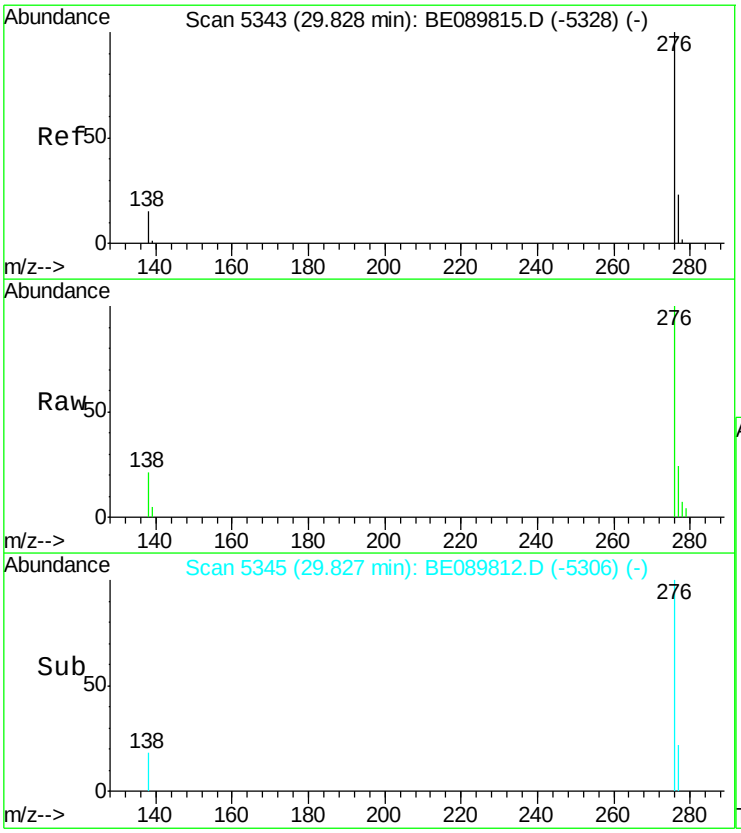
#29
Dibenzo(a,h)anthracene
Concen: 0.46 ng
RT: 29.44 min Scan# 5260
Delta R.T. -0.00 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:278 Resp: 2884

Ion	Ratio	Lower	Upper
278	100		
139	25.8	20.0	30.0
279	29.5	28.9	43.3





#30
Benzo(g,h,i)perylene
Concen: 0.36 ng
RT: 29.83 min Scan# 5345
Delta R.T. 0.01 min
Lab File: BE089812.D
Acq: 24 Mar 2015 12:47

Tgt Ion:276 Resp: 7761

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	21.0	22.9	34.3#