Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032415\
Data File : BE089813.D
Acq On : 24 Mar 2015 13:28
Operator : TP/JJ
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.5

Quant Time: Mar 24 18:25:10 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	152202	5.00	ng		0.00
4) Naphthalene-d8	10.26	136	645768	5.00	ng		0.00
8) Acenaphthene-d10	14.40	164	350244	5.00	ng		0.01
13) Phenanthrene-d10	17.92	188	638225	5.00	ng		0.00
19) Chrysene-d12	24.26	240	500309	5.00	ng		0.00
25) Perylene-d12	27.41	264	381761	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	8.68	82	14403	0.55	ng		0.00
9) 2-Fluorobiphenyl	12.85	172	35113	0.43	ng		0.00
21) Terphenyl-d14	21.86	244	34514	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	9588	0.48	ng	#	89
3) n-Nitrosodimethylamine	2.95	42	13419	0.46	ng	#	91
6) Naphthalene	10.31	128	60551	0.47	ng		95
7) 2-Methylnaphthalene	11.93	142	32868	0.46	ng		98
10) Acenaphthylene	14.04	152	219552	0.44	ng		98
11) Acenaphthene	14.46	154	35137	0.46	ng		84
12) Fluorene	15.71	166	43106	0.46	ng		93
14) Hexachlorobenzene	16.98	284	9326	0.44	ng		98
15) Pentachlorophenol	17.50	266	5638	1.02	ng		96
16) Phenanthrene	17.97	178	63250	0.45	ng		99
17) Anthracene	18.10	178	54449	0.43	ng		99
18) Fluoranthene	20.82	202	55352	0.44	ng		98
20) Pyrene	21.34	202	58618	0.46	ng		99
22) Benzo(a)anthracene	24.24	228	39744	0.42	ng		98
23) Chrysene	24.32	228	46519	0.46	ng		99
24) Indeno(1,2,3-cd)pyrene	29.38	276	8337	0.50	ng	#	72
26) Benzo(b)fluoranthene	26.64	252	21304	0.56	ng		98
27) Benzo(k)fluoranthene	26.70	252	32448	0.41	ng	#	94
28) Benzo(a)pyrene	27.41	252	4299	0.35	ng		96
29) Dibenzo(a,h)anthracene	29.44	278	10051	0.55	ng	#	85
30) Benzo(g,h,i)perylene	29.83	276	18621	0.48	ng	#	88

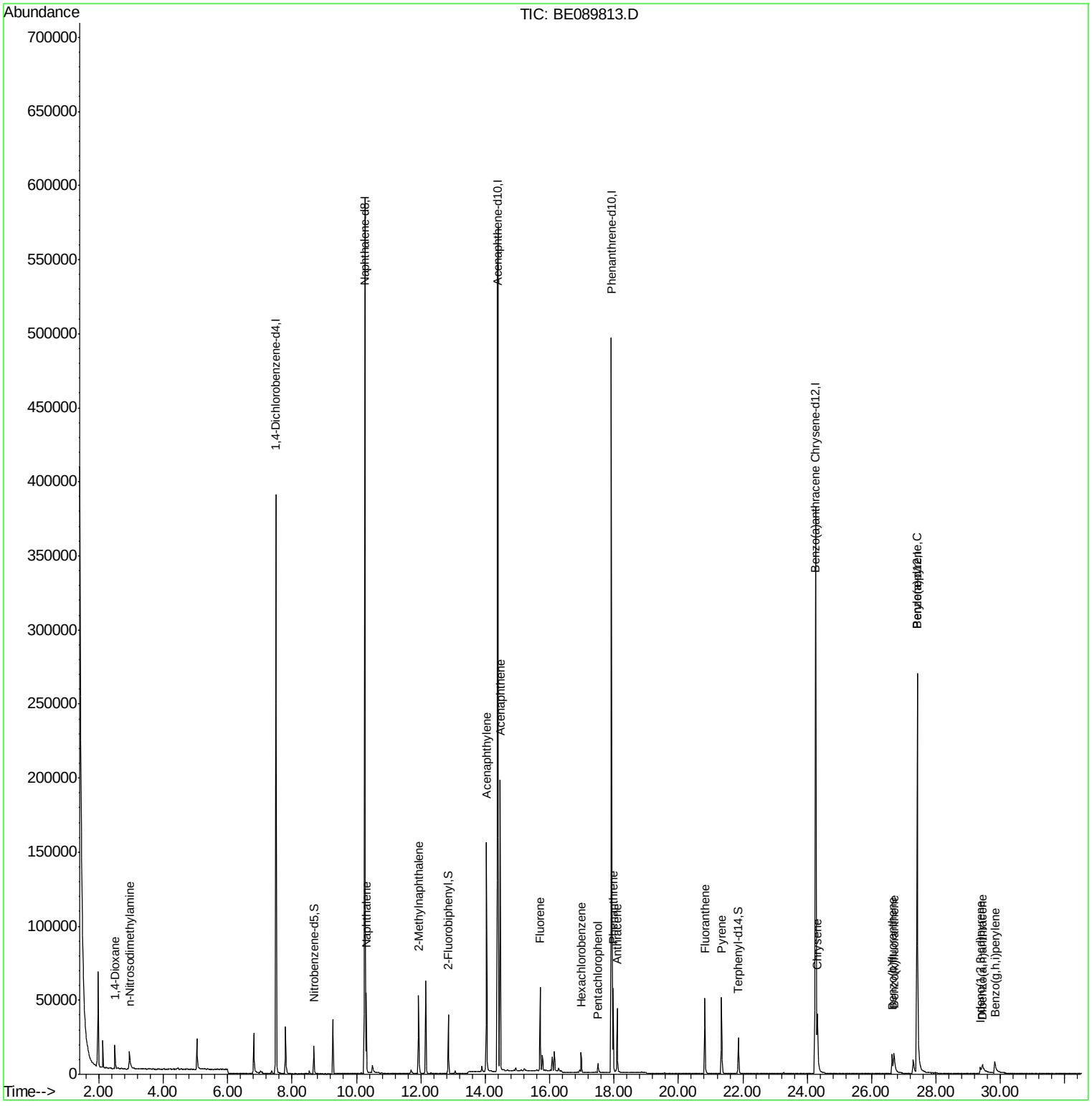
(#) = qualifier out of range (m) = manual integration (+) = signals summed

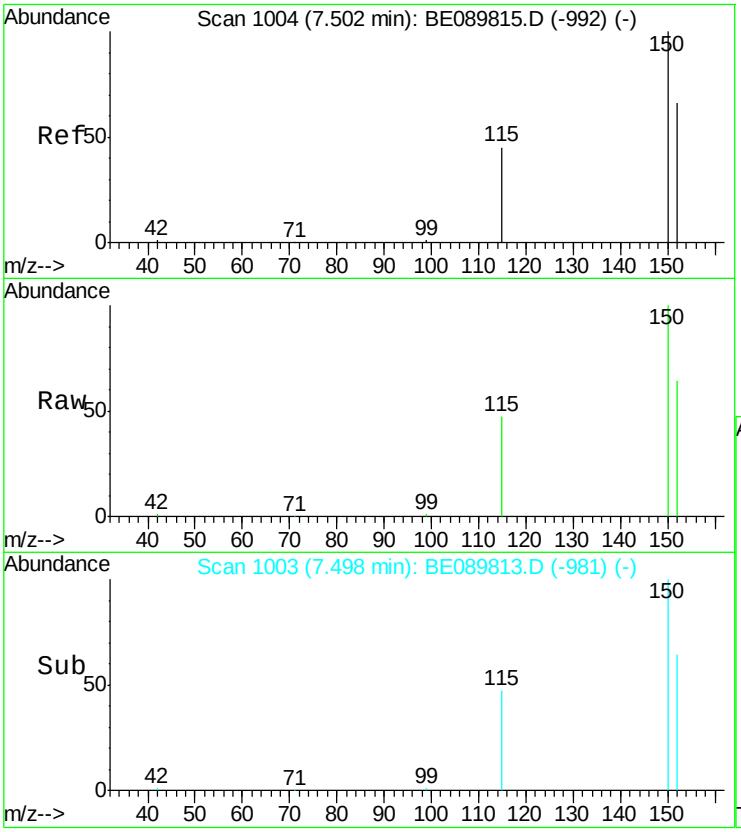
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032415\
Data File : BE089813.D
Acq On : 24 Mar 2015 13:28
Operator : TP/JJ
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Quant Time: Mar 24 18:25:10 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



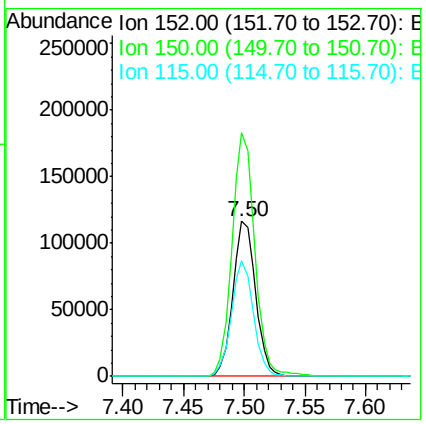


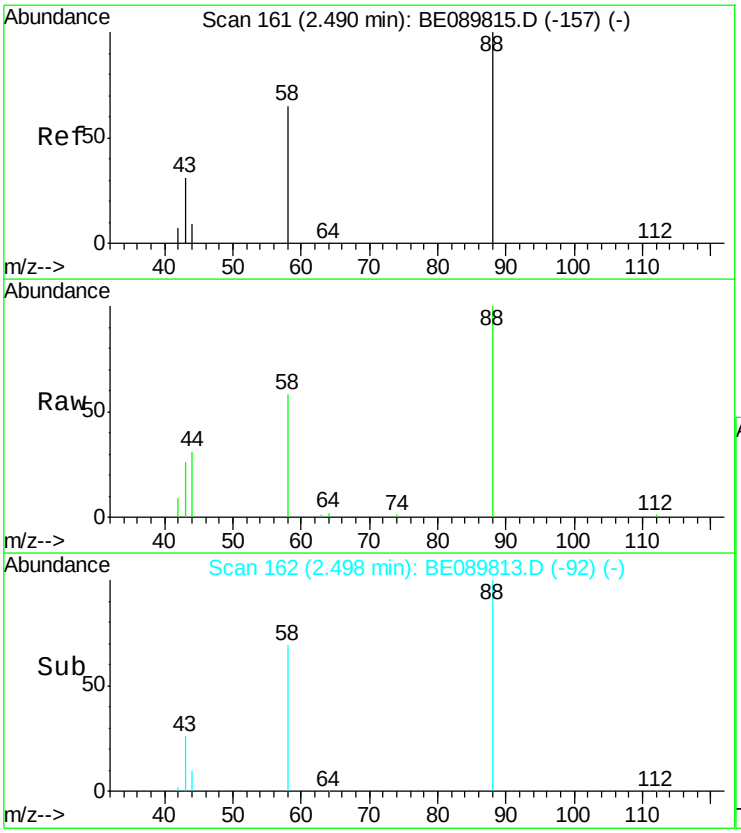
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.50 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:152 Resp: 152202

Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.5	188.3
115	74.3	58.0	87.0

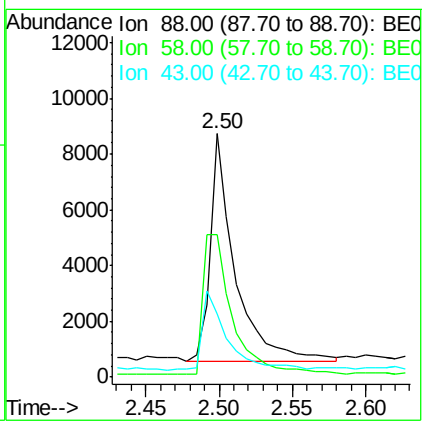


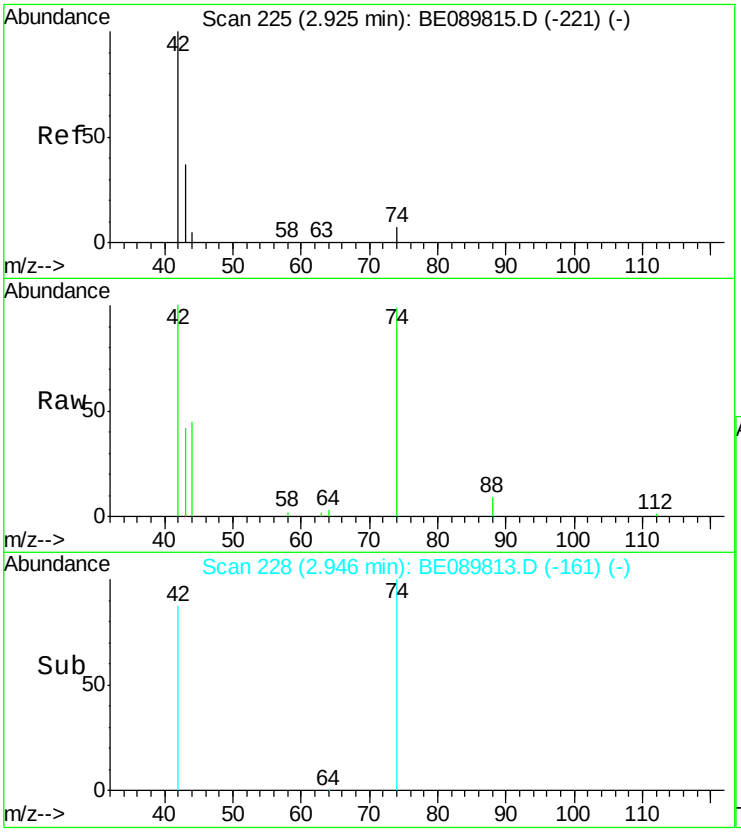


#2
1,4-Dioxane
Concen: 0.48 ng
RT: 2.50 min Scan# 162
Delta R.T. -0.02 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Tgt Ion: 88 Resp: 9588

Ion	Ratio	Lower	Upper
88	100		
58	74.1	48.6	72.8#
43	35.4	28.6	43.0



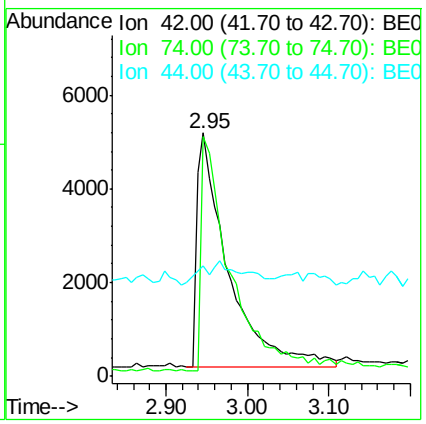


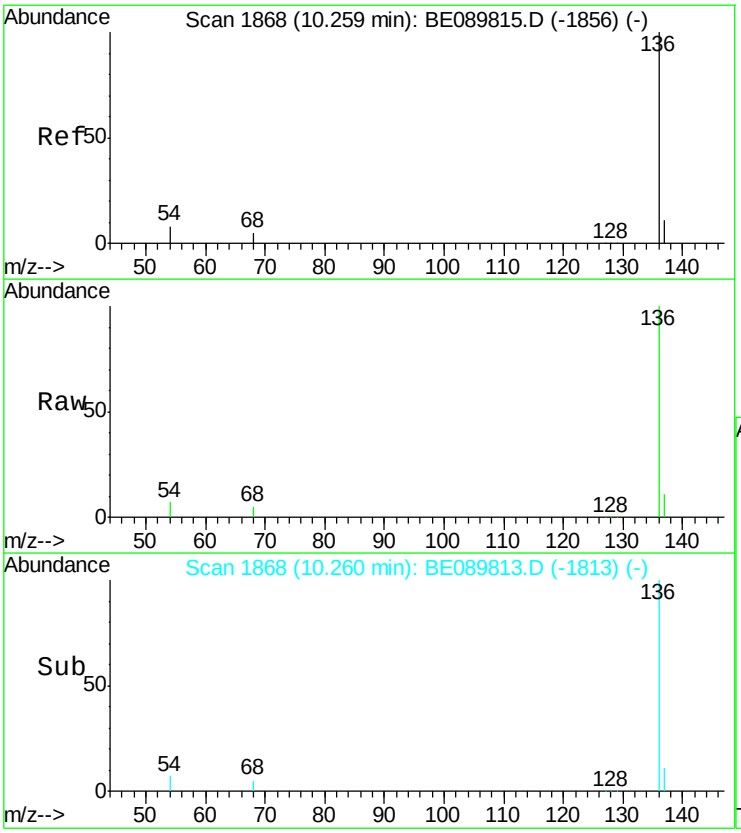
#3
n-Nitrosodimethylamine
Concen: 0.46 ng
RT: 2.95 min Scan# 228
Delta R.T. -0.05 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion: 42 Resp: 13419

Ion	Ratio	Lower	Upper
42	100		
74	93.6	68.7	103.1
44	3.7	6.2	9.4#

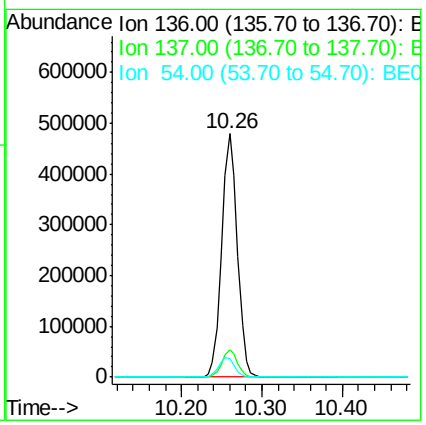


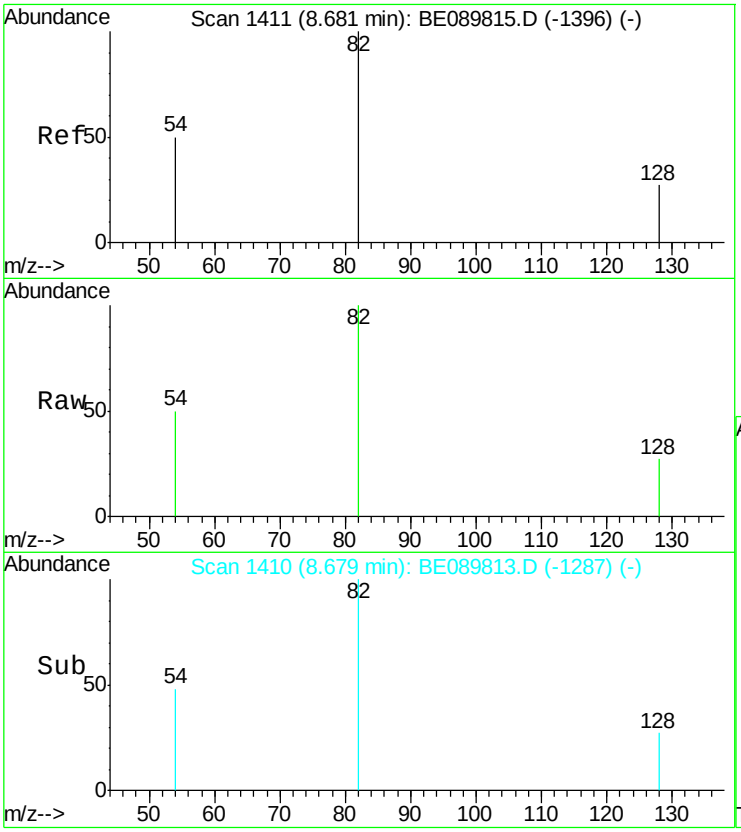


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 10.26 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Tgt Ion:136 Resp: 645768

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.5	7.0	10.4



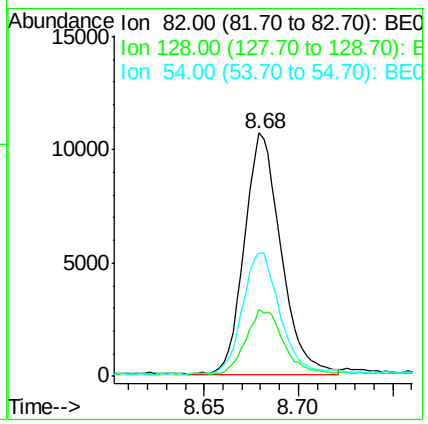


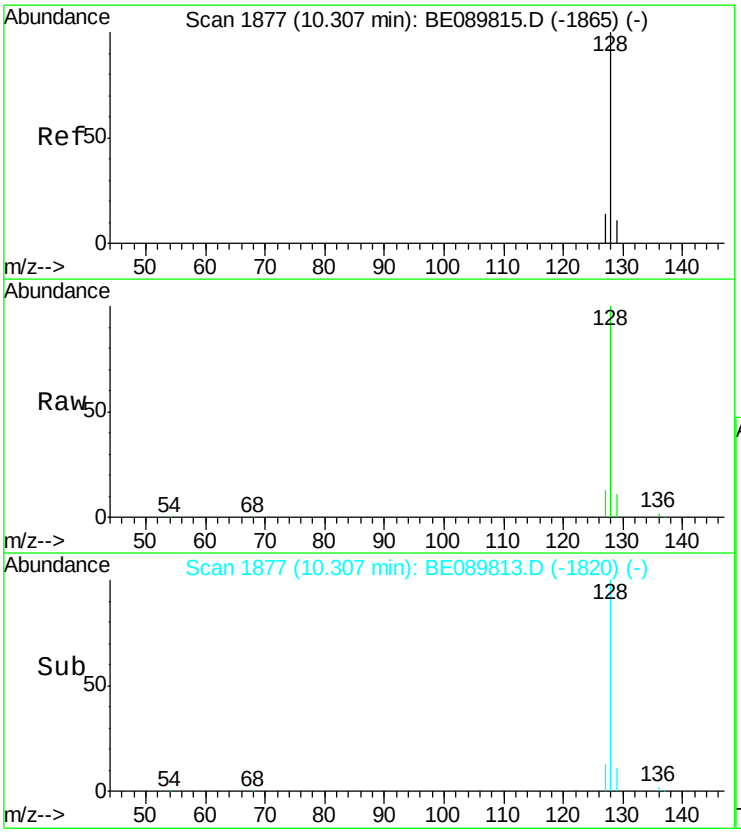
#5
Nitrobenzene-d5
Concen: 0.55 ng
RT: 8.68 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion: 82 Resp: 14403

Ion	Ratio	Lower	Upper
82	100		
128	27.3	24.6	37.0
54	50.4	43.0	64.6

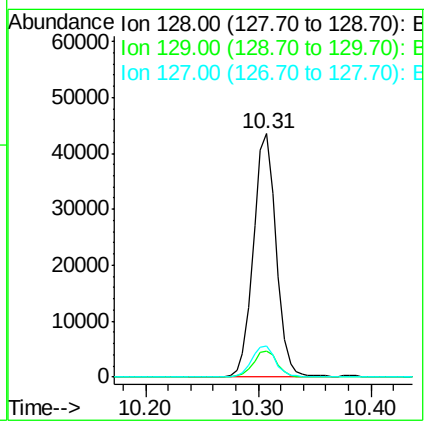


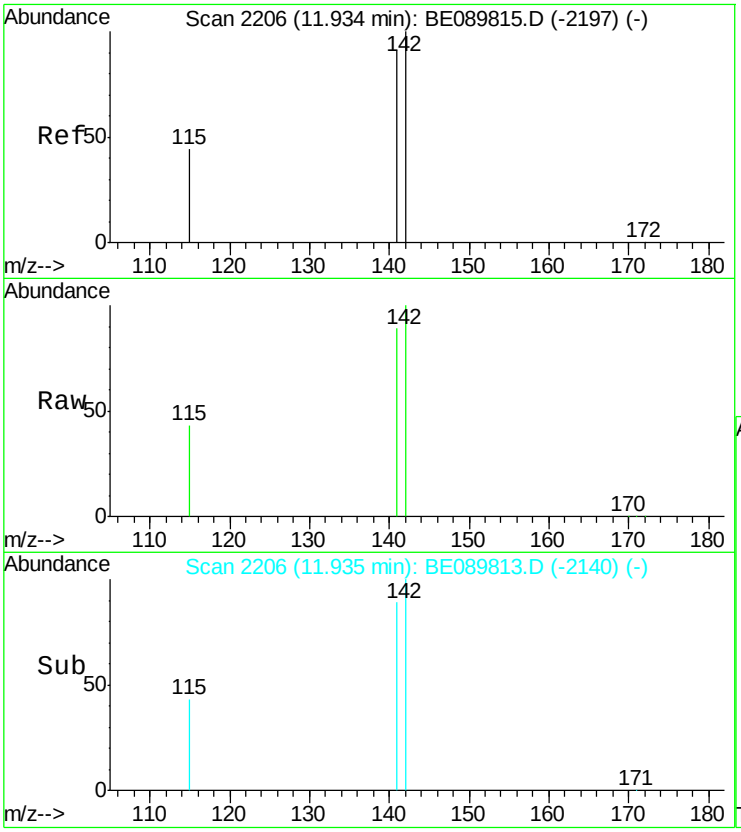


#6
Naphthalene
Concen: 0.47 ng
RT: 10.31 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Tgt Ion:128 Resp: 60551

Ion	Ratio	Lower	Upper
128	100		
129	10.8	10.0	15.0
127	13.0	12.5	18.7



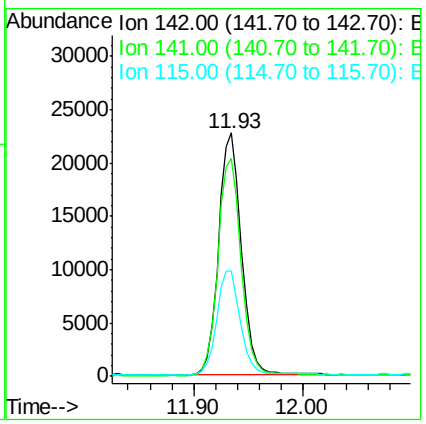


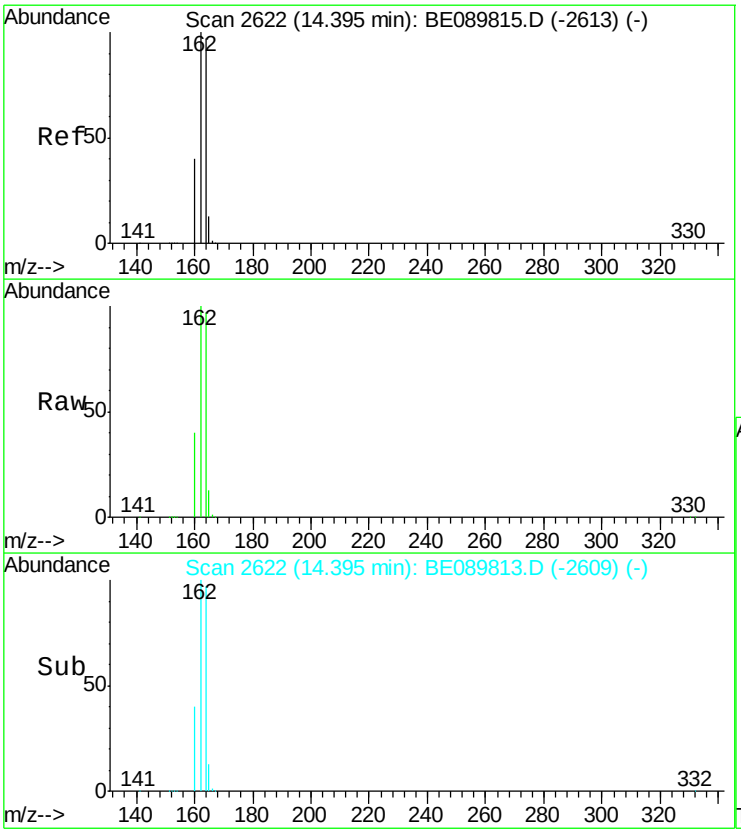
#7
2-Methylnaphthalene
Concen: 0.46 ng
RT: 11.93 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:142 Resp: 32868

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.8	109.2
115	43.4	32.9	49.3

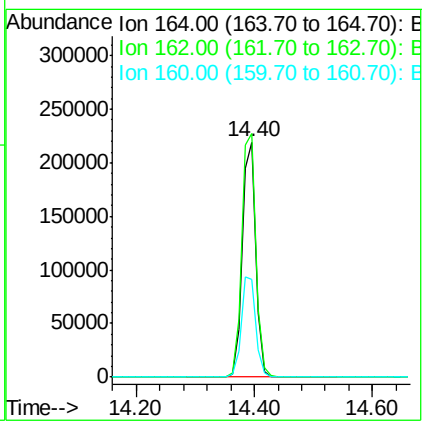


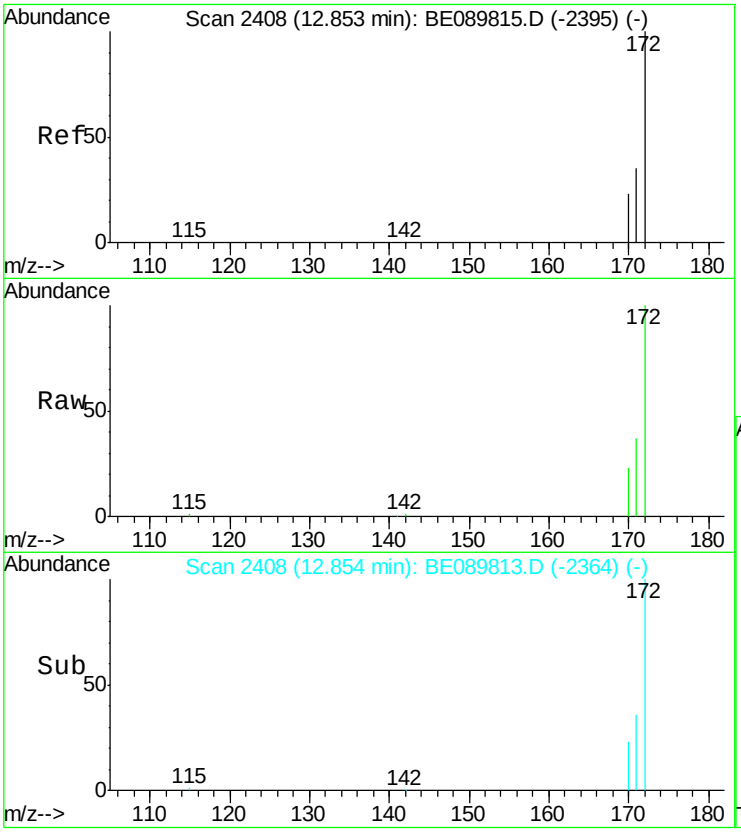


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 2622
Delta R.T. 0.01 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Tgt Ion:164 Resp: 350244

Ion	Ratio	Lower	Upper
164	100		
162	103.5	87.6	131.4
160	41.5	36.7	55.1



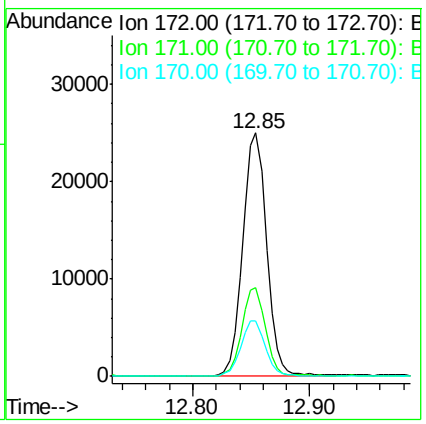


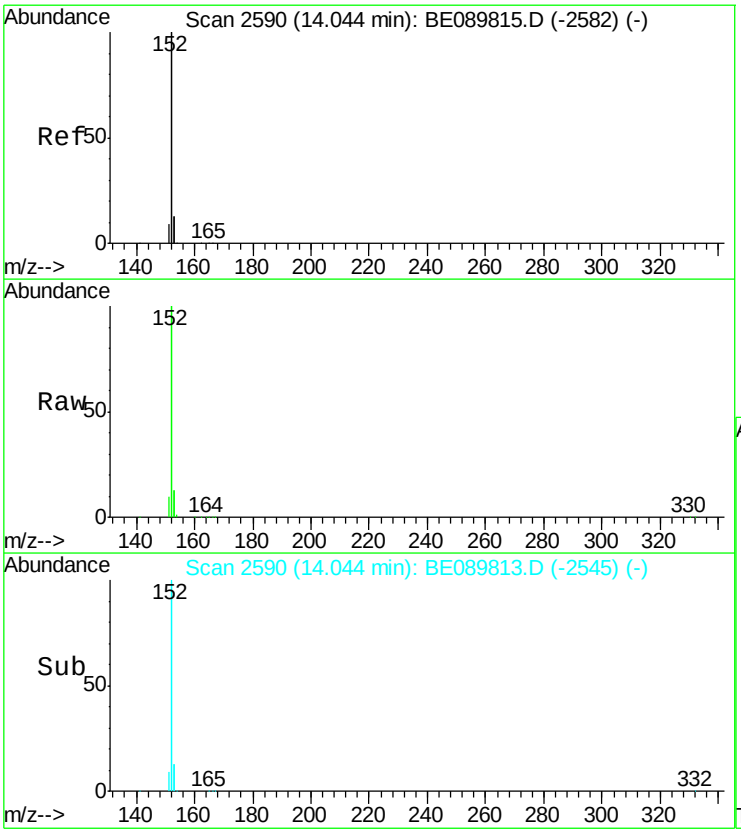
#9
2-Fluorobiphenyl
Concen: 0.43 ng
RT: 12.85 min Scan# 2408
Delta R.T. 0.00 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:172 Resp: 35113

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.8	46.2
170	22.8	21.0	31.4

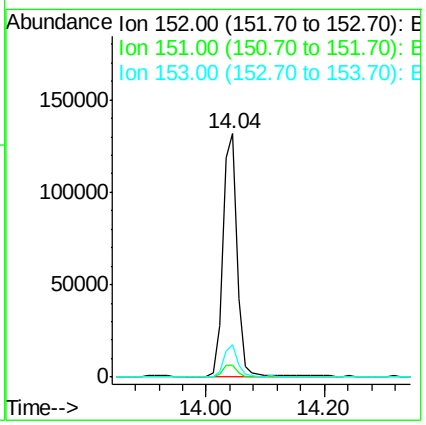


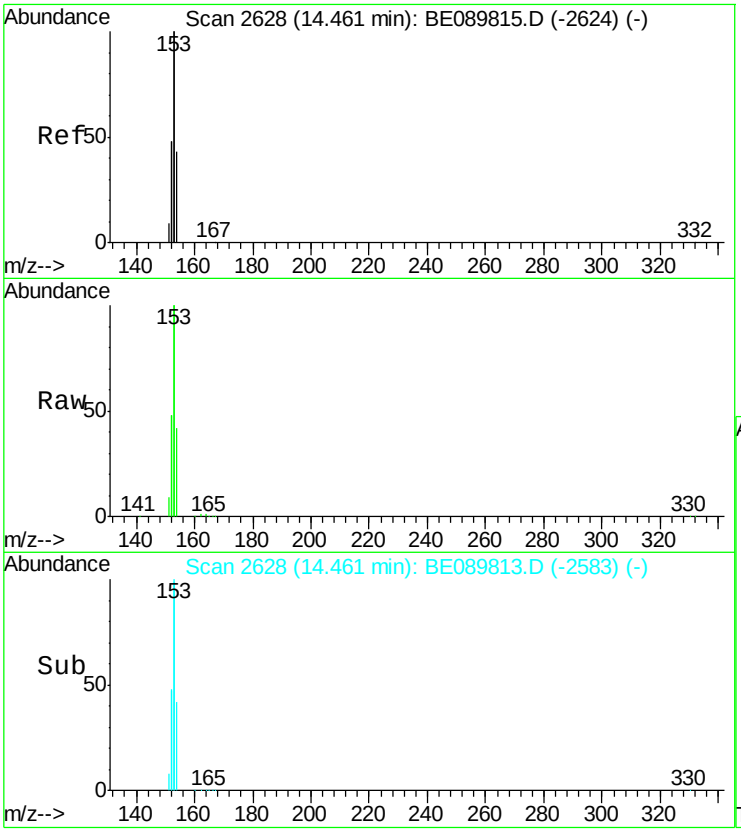


#10
Acenaphthylene
Concen: 0.44 ng
RT: 14.04 min Scan# 2590
Delta R.T. -0.00 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Tgt Ion:152 Resp: 219552

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	12.7	11.0	16.4



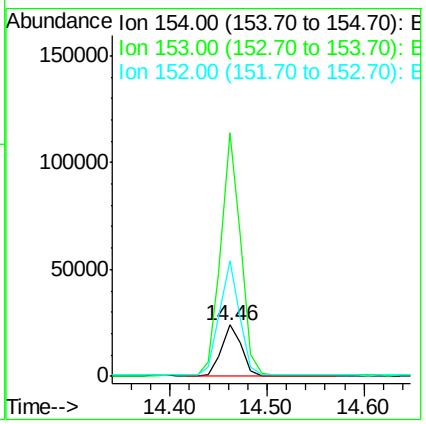


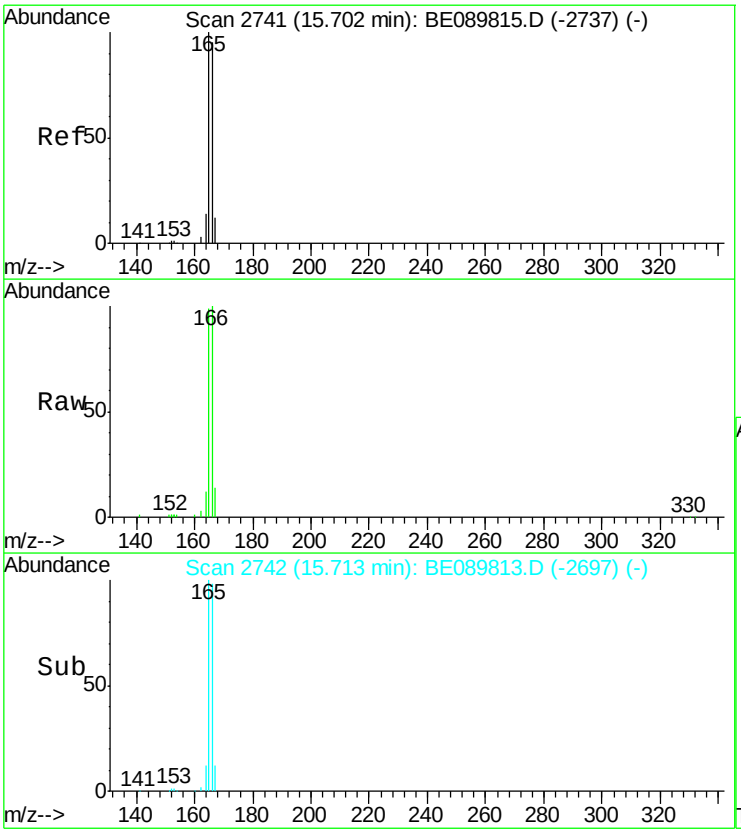
#11
Acenaphthene
Concen: 0.46 ng
RT: 14.46 min Scan# 2628
Delta R.T. -0.00 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:154 Resp: 35137

Ion	Ratio	Lower	Upper
154	100		
153	457.3	401.5	602.3
152	219.7	198.6	298.0

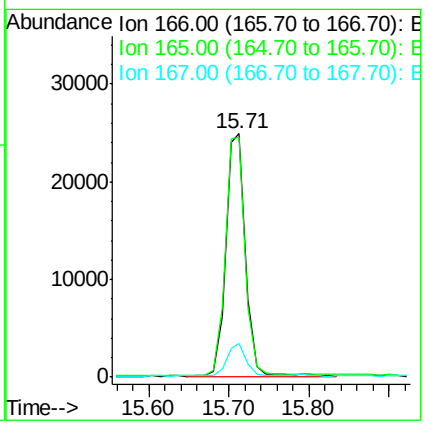


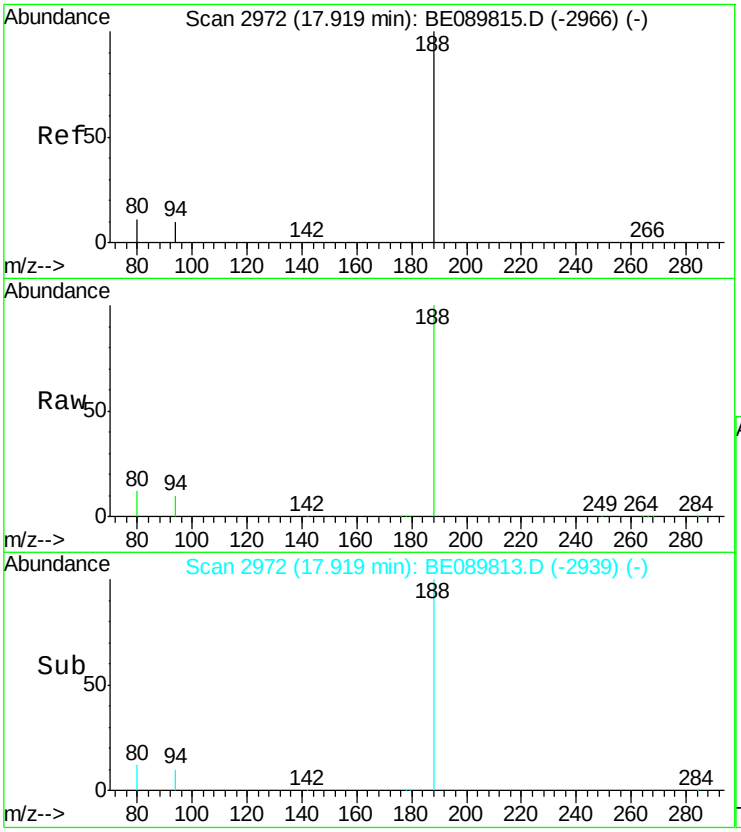


#12
Fluorene
Concen: 0.46 ng
RT: 15.71 min Scan# 2742
Delta R.T. -0.00 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Tgt Ion:166 Resp: 43106

Ion	Ratio	Lower	Upper
166	100		
165	99.4	85.1	127.7
167	12.7	12.2	18.4



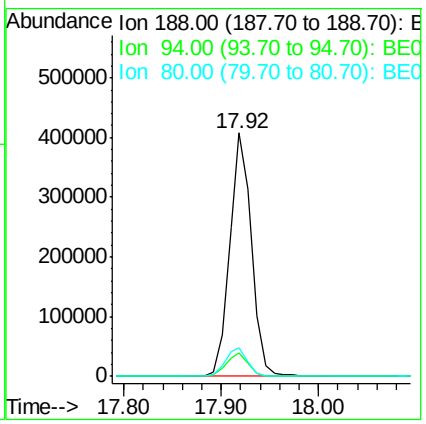


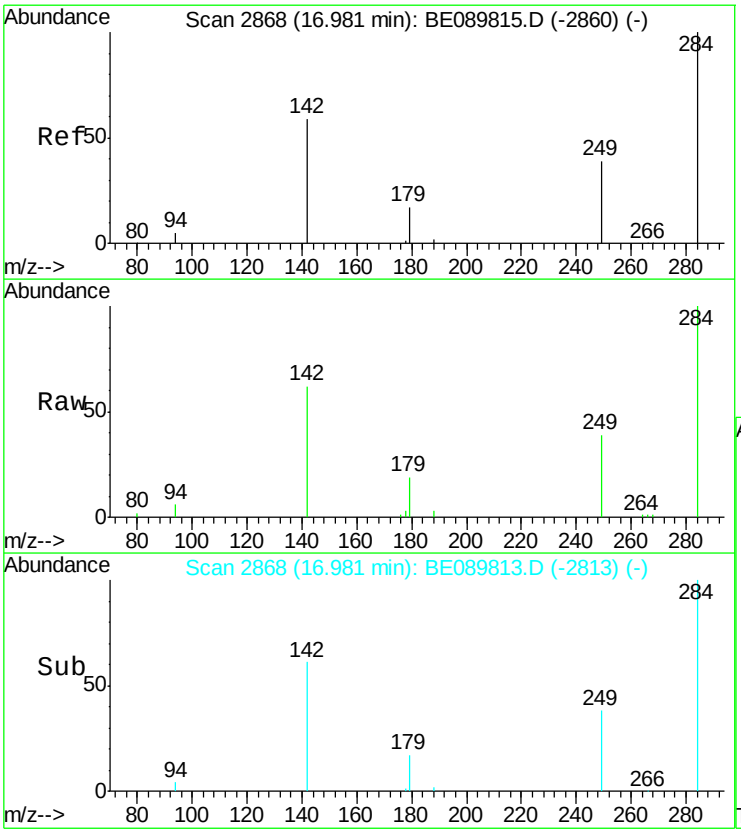
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.92 min Scan# 2972
Delta R.T. -0.00 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:188 Resp: 638225

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	11.7	10.0	15.0

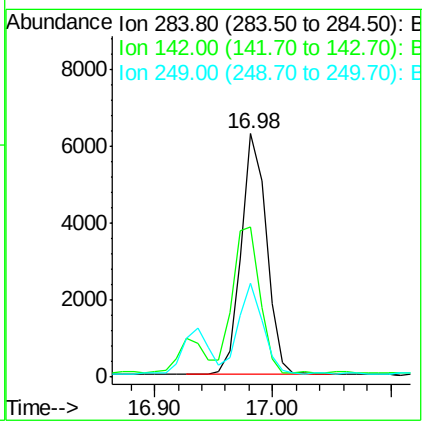


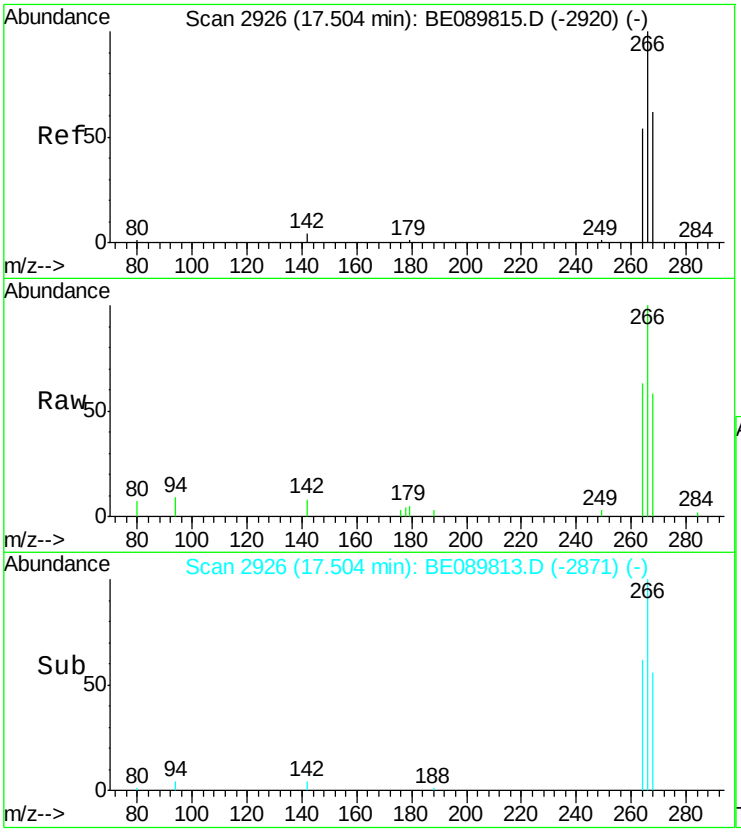


#14
Hexachlorobenzene
Concen: 0.44 ng
RT: 16.98 min Scan# 2868
Delta R.T. -0.00 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Tgt Ion:284 Resp: 9326

Ion	Ratio	Lower	Upper
284	100		
142	66.9	53.3	79.9
249	36.8	31.1	46.7



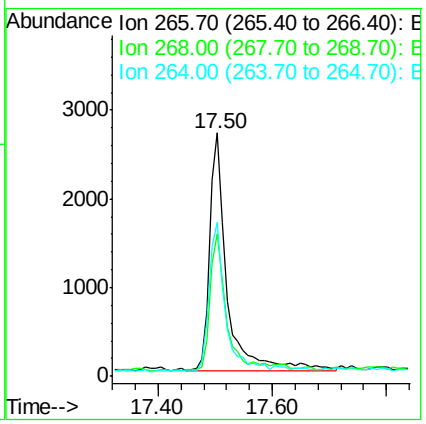


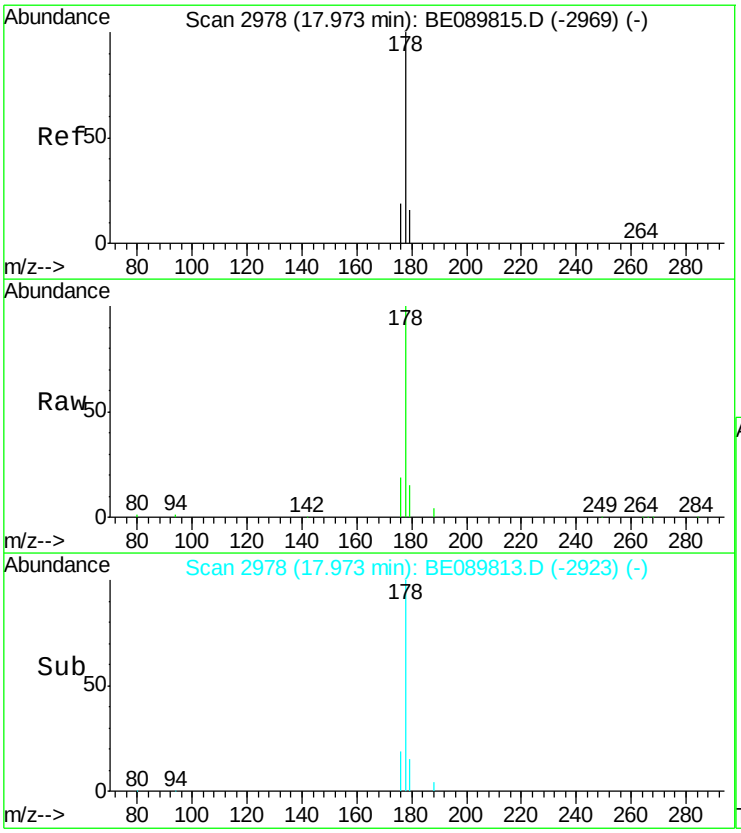
#15
Pentachlorophenol
Concen: 1.02 ng
RT: 17.50 min Scan# 2926
Delta R.T. 0.00 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:266 Resp: 5638

Ion	Ratio	Lower	Upper
266	100		
268	58.4	51.6	77.4
264	63.1	50.2	75.2

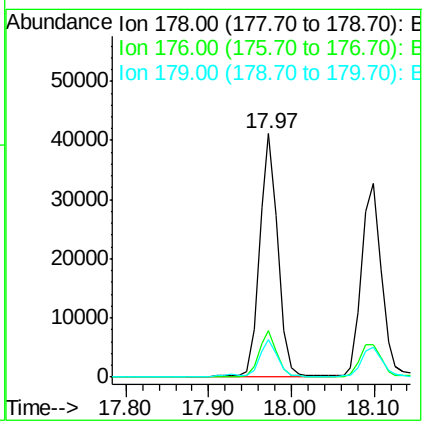


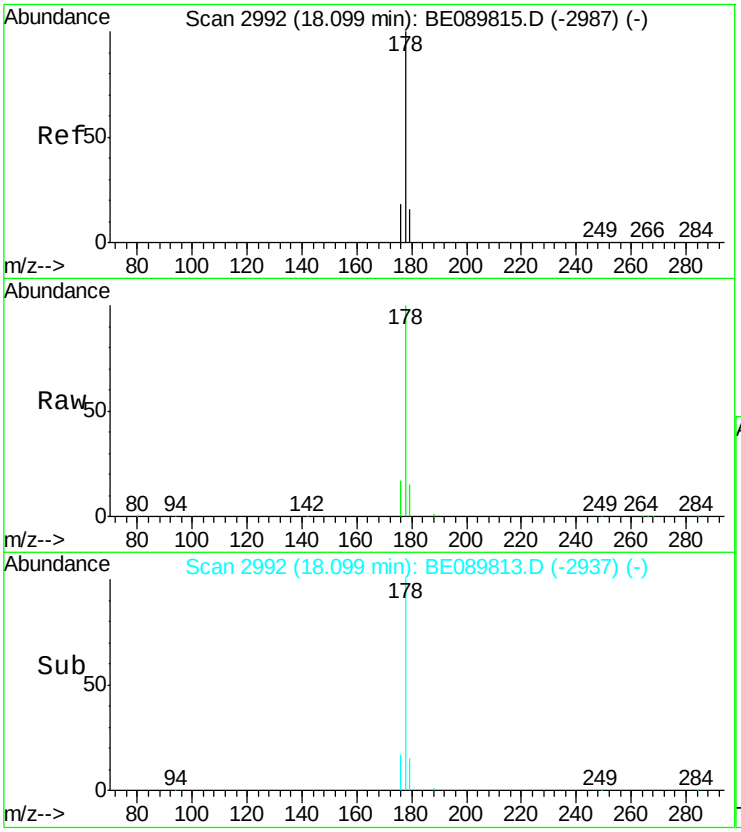


#16
Phenanthrene
Concen: 0.45 ng
RT: 17.97 min Scan# 2978
Delta R.T. -0.00 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Tgt Ion:178 Resp: 63250

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.0
179	15.2	12.2	18.4



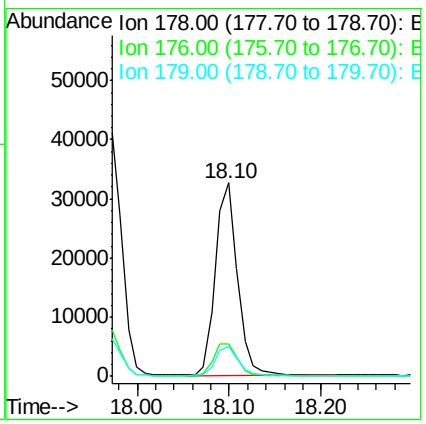


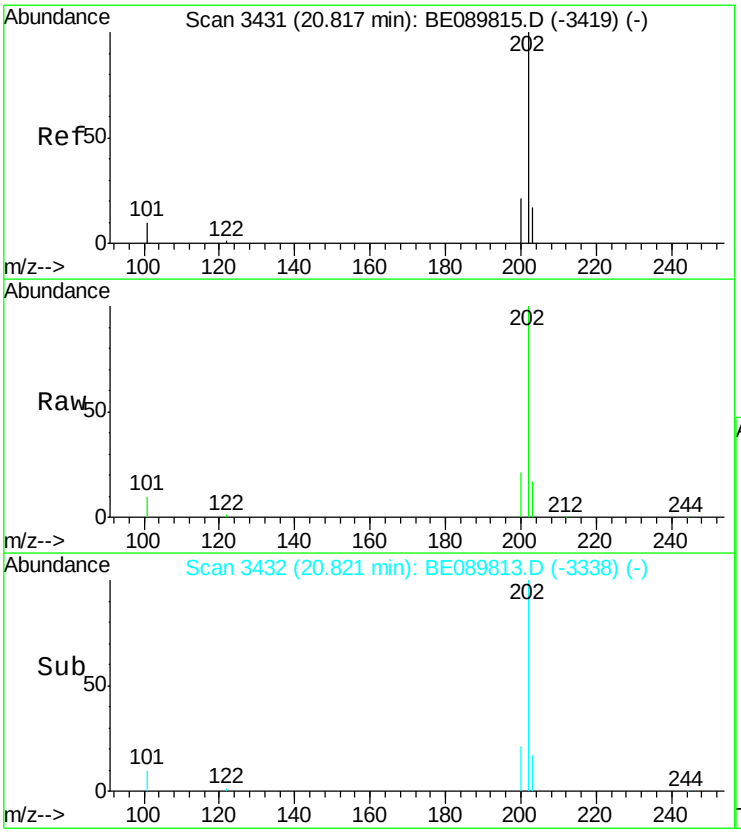
#17
Anthracene
Concen: 0.43 ng
RT: 18.10 min Scan# 2992
Delta R.T. -0.00 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:178 Resp: 54449

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	15.8	12.1	18.1

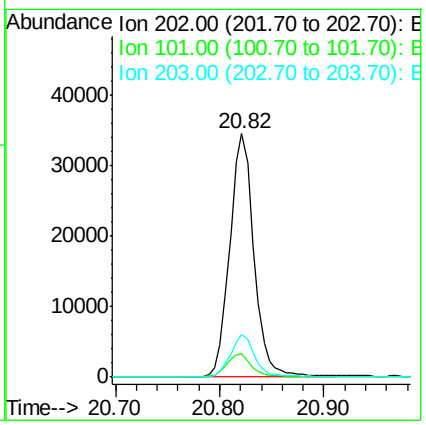


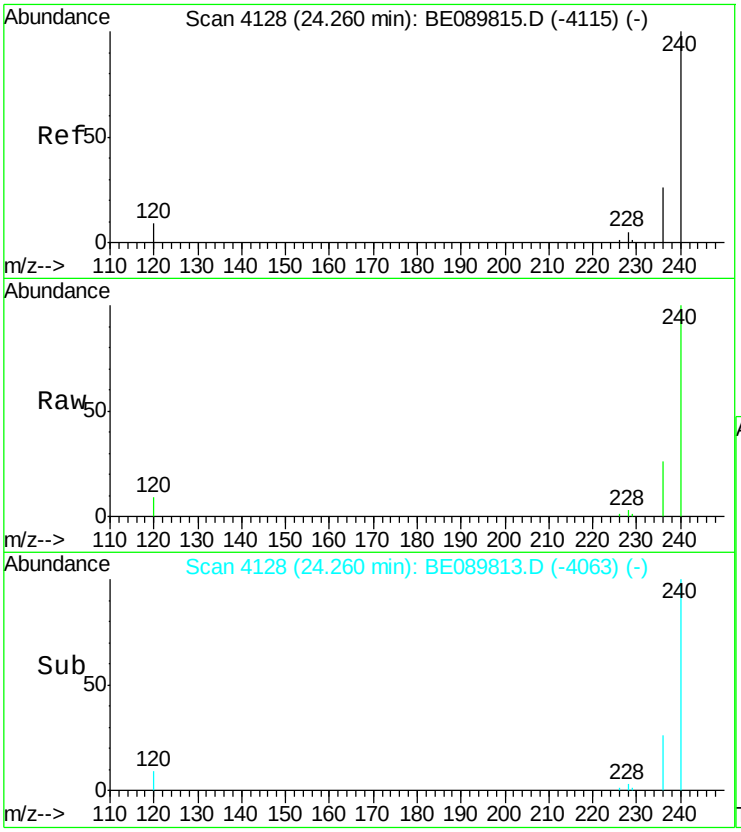


#18
Fluoranthene
Concen: 0.44 ng
RT: 20.82 min Scan# 3432
Delta R.T. -0.00 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Tgt Ion:202 Resp: 55352

Ion	Ratio	Lower	Upper
202	100		
101	9.4	8.2	12.2
203	17.0	14.2	21.4



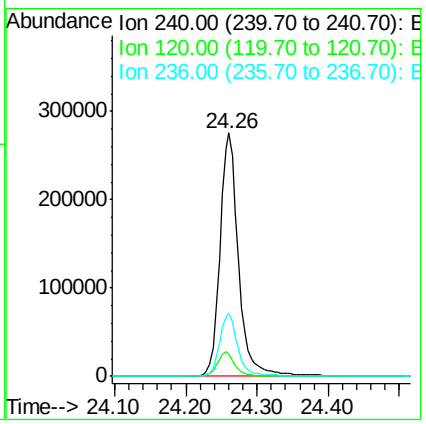


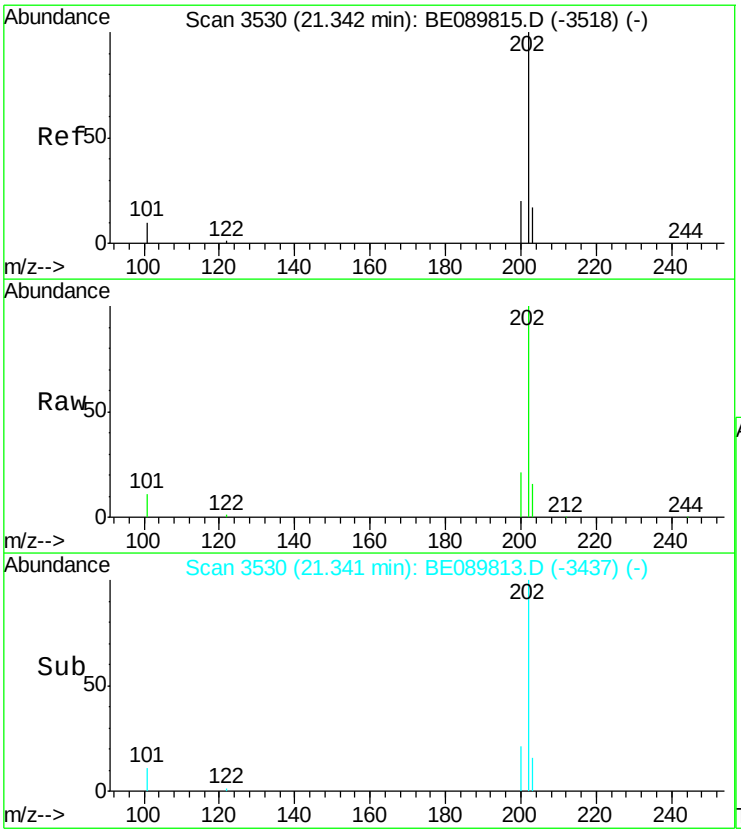
#19
Chrysene-d12
Concen: 5.00 ng
RT: 24.26 min Scan# 4128
Delta R.T. -0.00 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:240 Resp: 500309

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.5	11.3
236	26.0	20.5	30.7

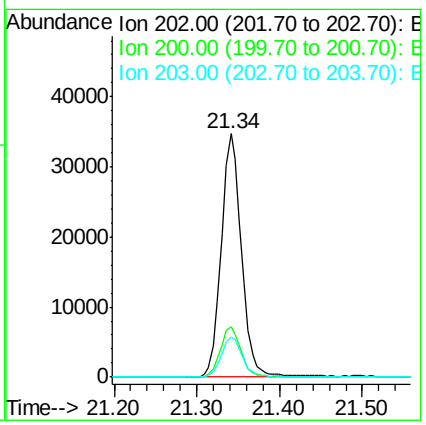


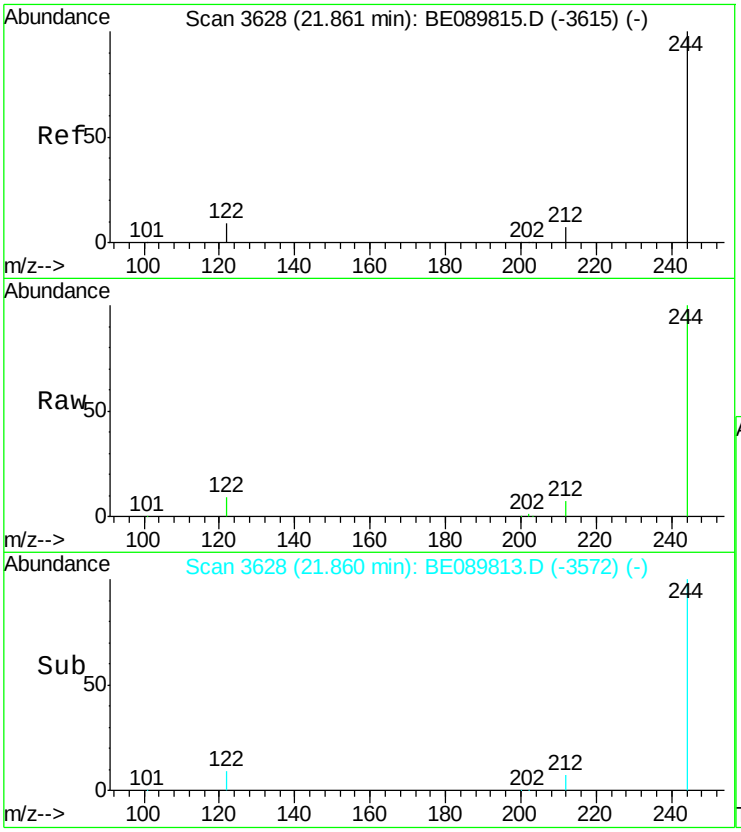


#20
Pyrene
Concen: 0.46 ng
RT: 21.34 min Scan# 3530
Delta R.T. -0.01 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Tgt Ion:202 Resp: 58618

Ion	Ratio	Lower	Upper
202	100		
200	20.7	15.9	23.9
203	16.6	13.6	20.4



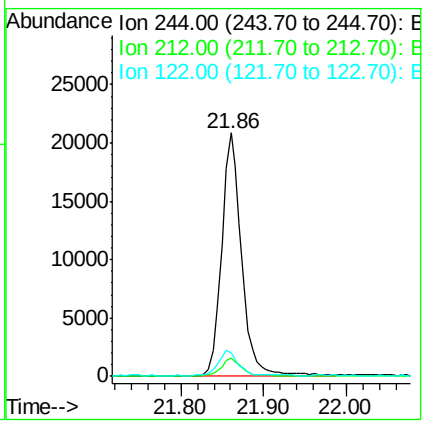


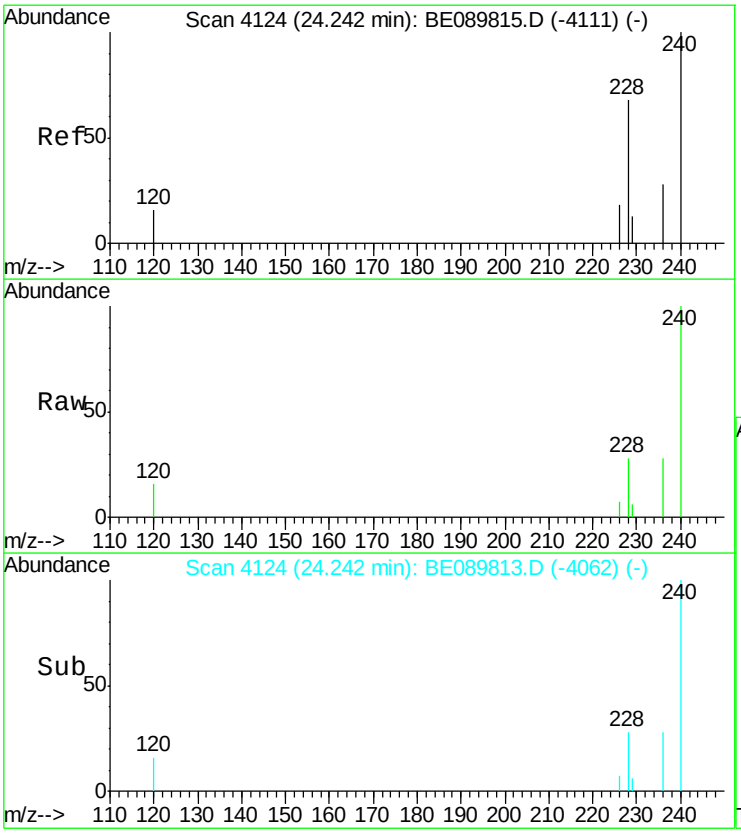
#21
Terphenyl-d14
Concen: 0.47 ng
RT: 21.86 min Scan# 3628
Delta R.T. -0.00 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:244 Resp: 34514

Ion	Ratio	Lower	Upper
244	100		
212	7.4	7.3	10.9
122	9.5	10.5	15.7#

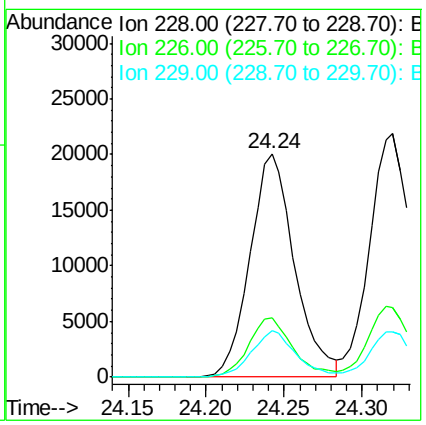


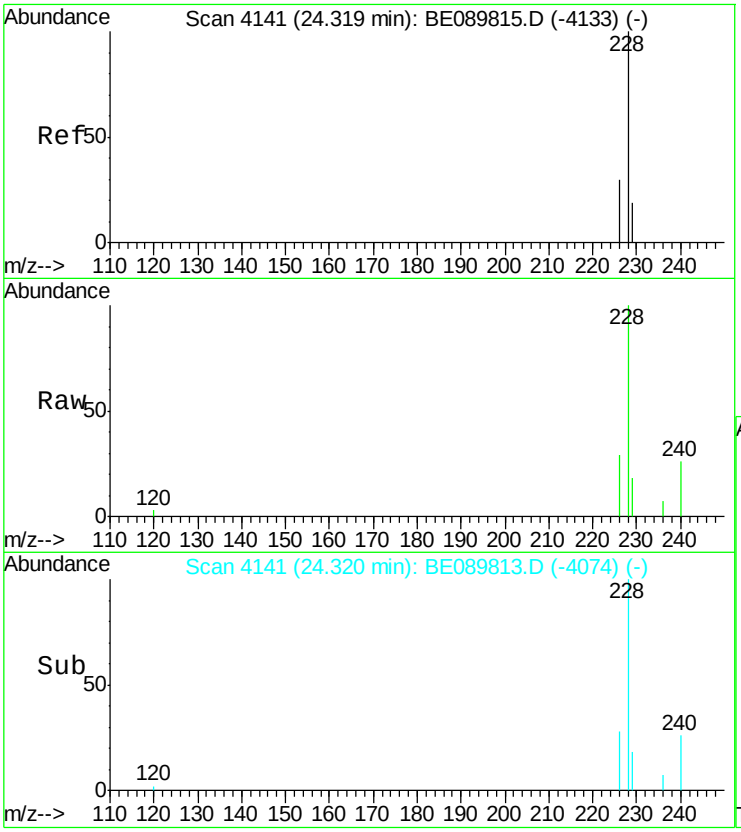


#22
Benzo(a)anthracene
Concen: 0.42 ng
RT: 24.24 min Scan# 4124
Delta R.T. -0.01 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Tgt Ion:228 Resp: 39744

Ion	Ratio	Lower	Upper
228	100		
226	26.4	19.8	29.8
229	20.8	16.3	24.5



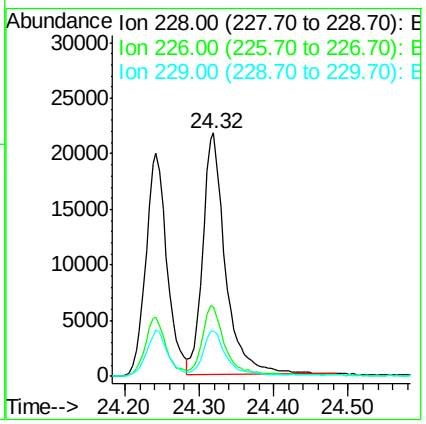


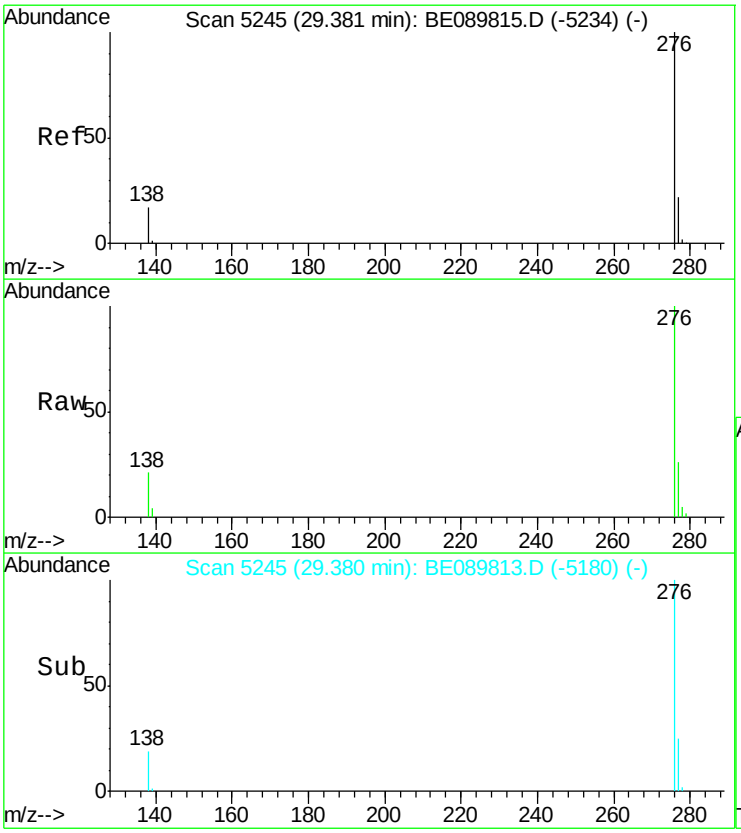
#23
Chrysene
Concen: 0.46 ng
RT: 24.32 min Scan# 4141
Delta R.T. 0.00 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:228 Resp: 46519

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.0	34.4
229	18.4	15.8	23.6

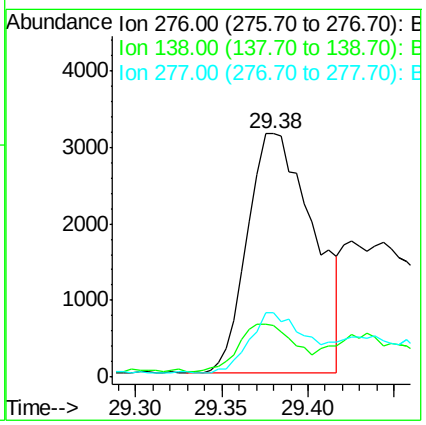


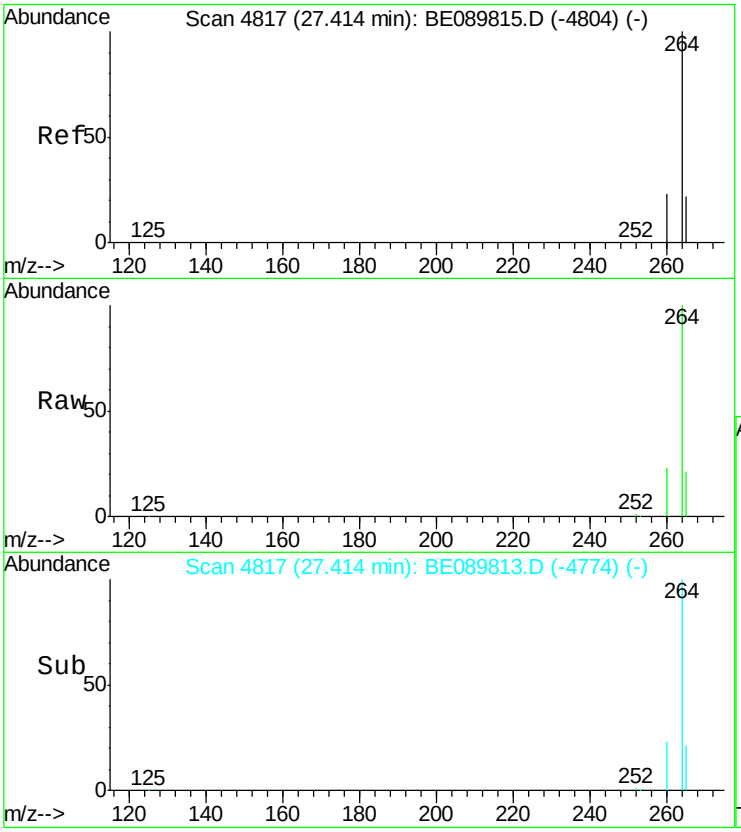


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.50 ng
RT: 29.38 min Scan# 5245
Delta R.T. -0.00 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Tgt Ion:276 Resp: 8337

Ion	Ratio	Lower	Upper
276	100		
138	16.6	4.3	6.5#
277	20.7	9.0	13.4#



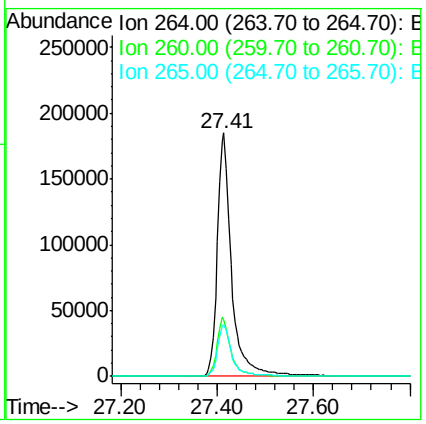


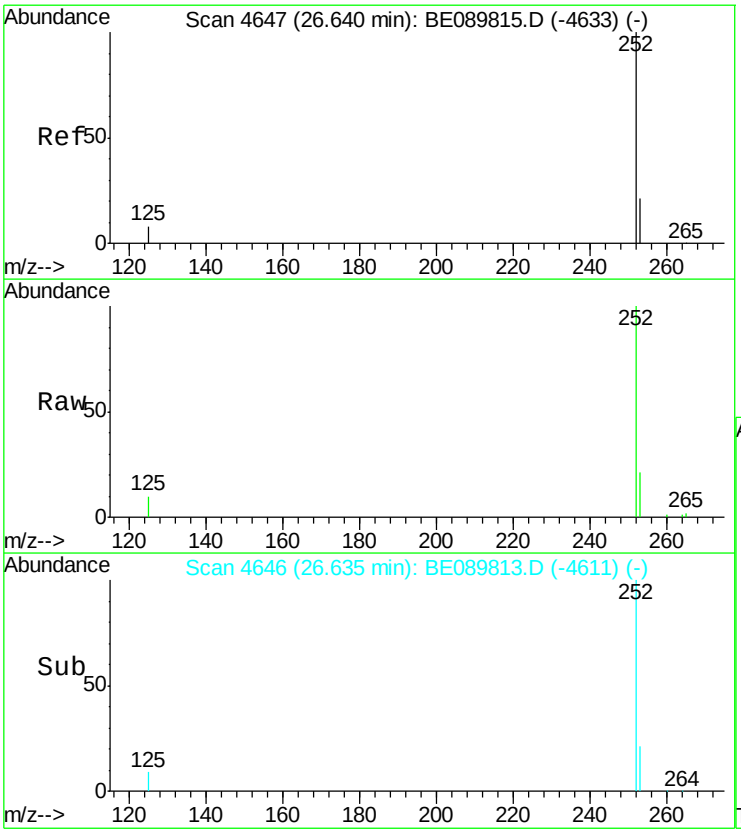
#25
Perylene-d12
Concen: 5.00 ng
RT: 27.41 min Scan# 4817
Delta R.T. -0.00 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:264 Resp: 381761

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	21.5	17.3	25.9

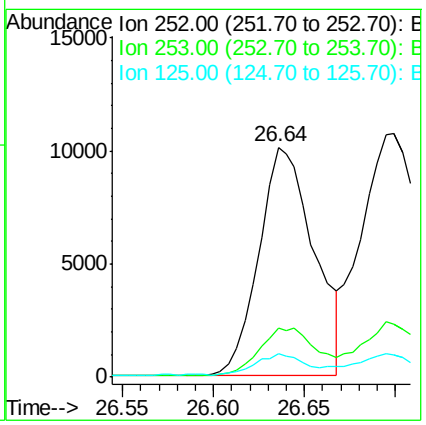


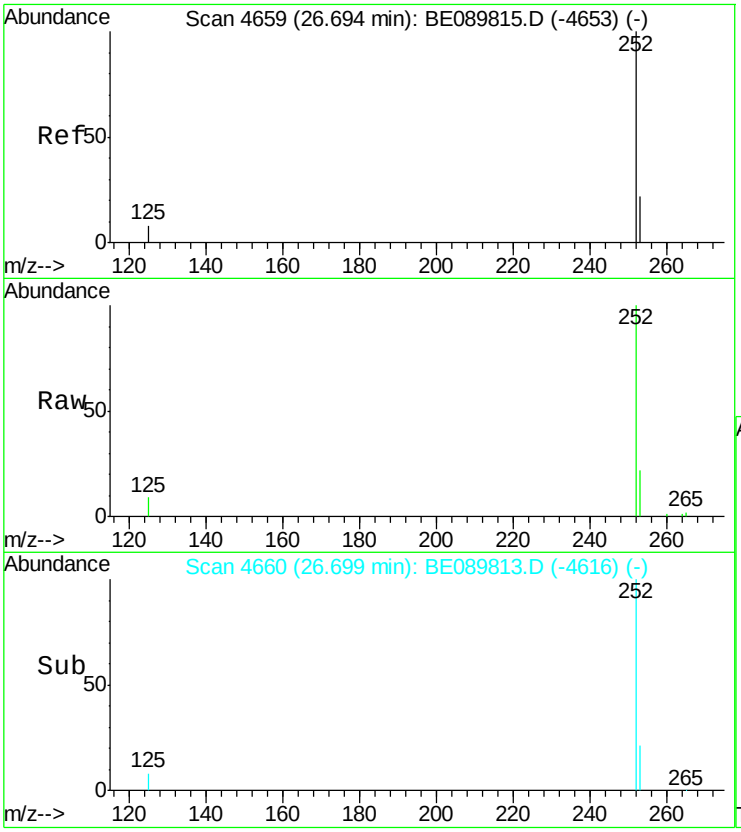


#26
Benzo(b)fluoranthene
Concen: 0.56 ng
RT: 26.64 min Scan# 4646
Delta R.T. 0.00 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Tgt Ion:252 Resp: 21304

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.6
125	10.1	8.7	13.1



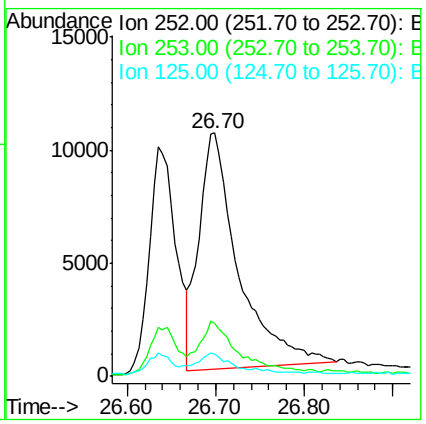


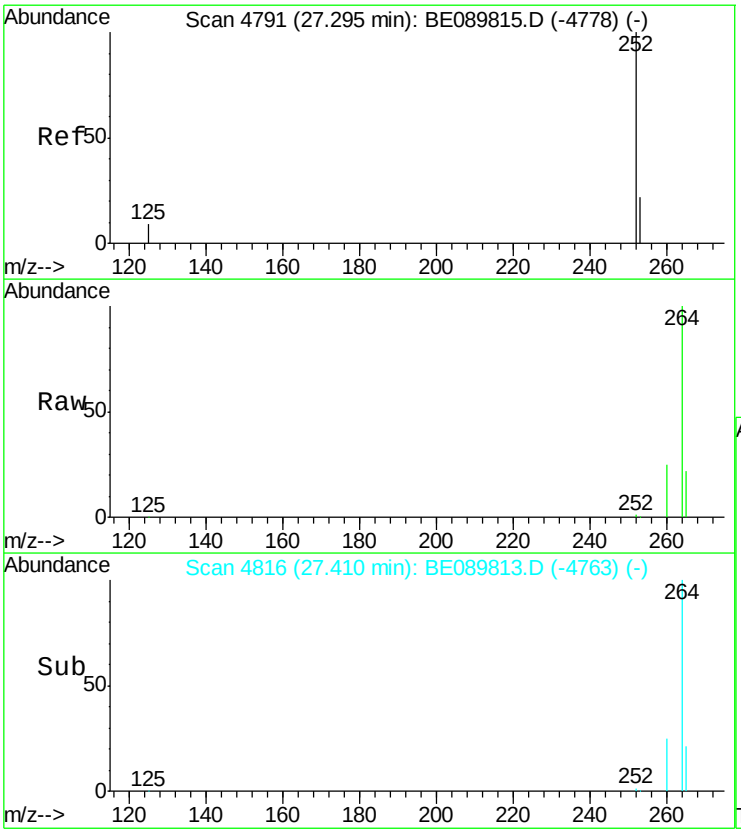
#27
Benzo(k)fluoranthene
Concen: 0.41 ng
RT: 26.70 min Scan# 4660
Delta R.T. -0.00 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 32448

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.6	28.0
125	9.3	10.8	16.2#

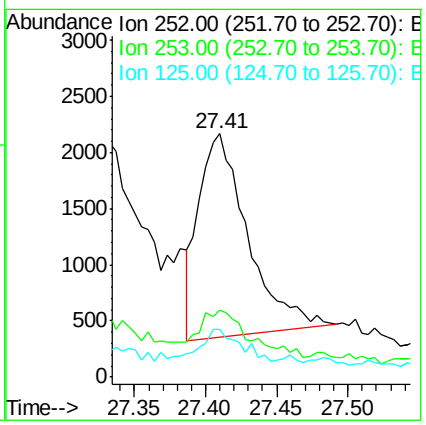


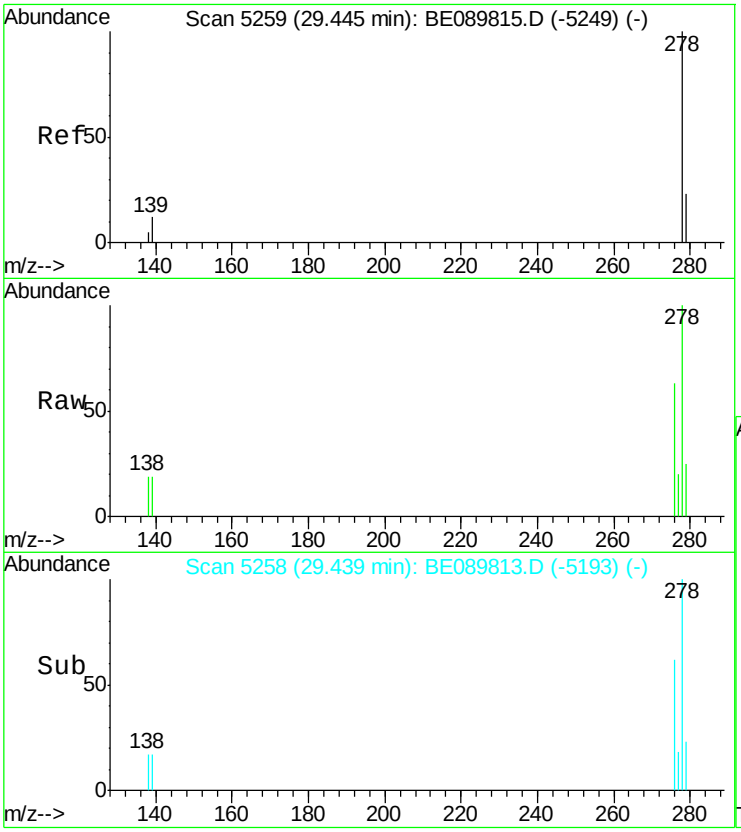


#28
Benzo(a)pyrene
Concen: 0.35 ng
RT: 27.41 min Scan# 4816
Delta R.T. 0.11 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Tgt Ion:252 Resp: 4299

Ion	Ratio	Lower	Upper
252	100		
253	27.7	21.0	31.4
125	19.5	13.3	19.9



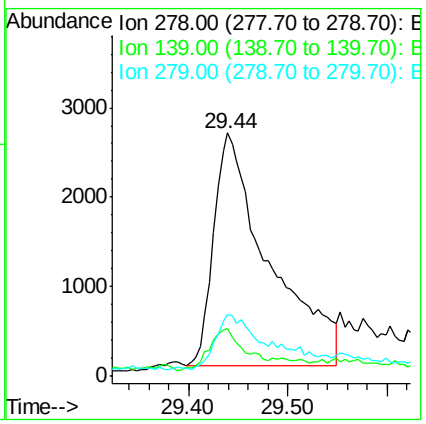


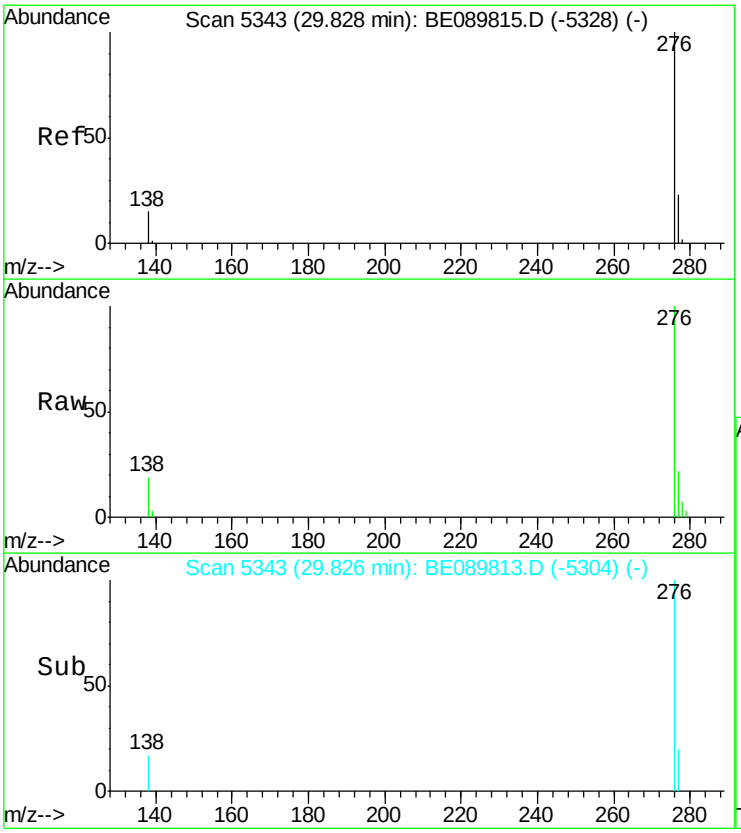
#29
Dibenzo(a,h)anthracene
Concen: 0.55 ng
RT: 29.44 min Scan# 5258
Delta R.T. -0.00 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:278 Resp: 10051

Ion	Ratio	Lower	Upper
278	100		
139	19.4	20.0	30.0#
279	25.4	28.9	43.3#





#30
Benzo(g,h,i)perylene
Concen: 0.48 ng
RT: 29.83 min Scan# 5343
Delta R.T. 0.01 min
Lab File: BE089813.D
Acq: 24 Mar 2015 13:28

Tgt Ion:276 Resp: 18621

Ion	Ratio	Lower	Upper
276	100		
277	22.0	19.2	28.8
138	18.6	22.9	34.3#