Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE022415\
Data File : BE089672.D
Acq On : 24 Feb 2015 15:39
Operator : TP/JJ
Sample : SSTDICC005
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDICC005

Quant Time: Feb 24 16:22:39 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE022415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 24 15:38:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	47134	5.00	ng		0.00
4) Naphthalene-d8	12.24	136	201744	5.00	ng		0.00
8) Acenaphthene-d10	16.43	164	90843	5.00	ng		0.01
13) Phenanthrene-d10	19.77	188	161906	5.00	ng		0.00
19) Chrysene-d12	23.66	240	135474	5.00	ng		0.00
25) Perylene-d12	25.34	264	99450	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	10.60	82	55713	4.95	ng		0.00
9) 2-Fluorobiphenyl	14.88	172	100812	4.09	ng		0.00
21) Terphenyl-d14	22.30	244	85538	5.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	27876	4.64	ng		99
3) n-Nitrosodimethylamine	3.32	42	38040	5.41	ng		93
6) Naphthalene	12.29	128	194763	4.98	ng		100
7) 2-Methylnaphthalene	13.94	142	119708	5.56	ng		97
10) Acenaphthylene	16.06	152	718644	5.72	ng		100
11) Acenaphthene	16.49	154	104798	5.10	ng		98
12) Fluorene	17.74	166	119677	5.32	ng		100
14) Hexachlorobenzene	19.00	284	21266	5.11	ng		97
15) Pentachlorophenol	19.43	266	4327	11.80	ng		93
16) Phenanthrene	19.81	178	174716	5.08	ng		100
17) Anthracene	19.91	178	165413	5.91	ng		100
18) Fluoranthene	21.72	202	164825	6.05	ng		99
20) Pyrene	22.04	202	178990	5.64	ng		99
22) Benzo(a)anthracene	23.64	228	518896	6.26	ng		95
23) Chrysene	23.68	228	601275	4.83	ng		98
24) Indeno(1,2,3-cd)pyrene	26.75	276	351286	11.49	ng	#	47
26) Benzo(b)fluoranthene	24.91	252	74253	12.91	ng		96
27) Benzo(k)fluoranthene	24.94	252	145270	7.31	ng		98
28) Benzo(a)pyrene	25.27	252	77802	11.00	ng		95
29) Dibenzo(a,h)anthracene	26.77	278	66966	13.87	ng	#	86
30) Benzo(g,h,i)perylene	27.16	276	326384	9.04	ng		94

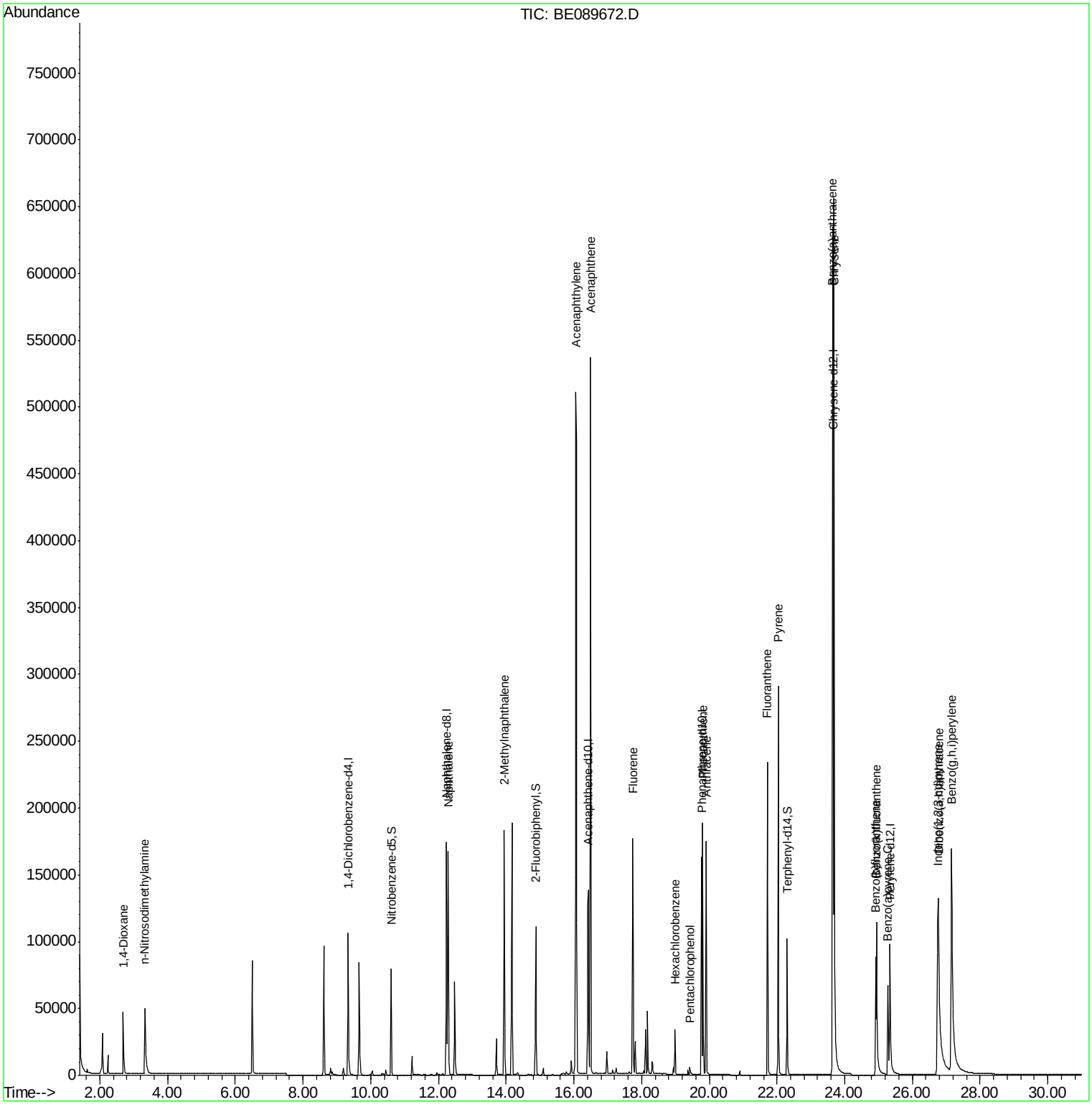
(#) = qualifier out of range (m) = manual integration (+) = signals summed

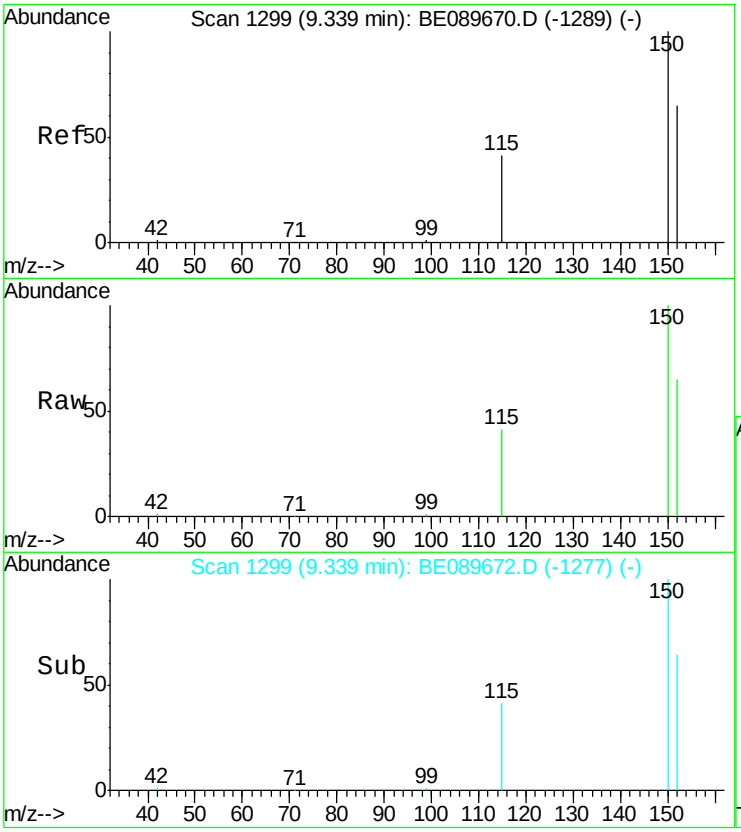
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE022415\
Data File : BE089672.D
Acq On : 24 Feb 2015 15:39
Operator : TP/JJ
Sample : SSTDICC005
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Quant Time: Feb 24 16:22:39 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE022415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 24 15:38:17 2015
Response via : Initial Calibration



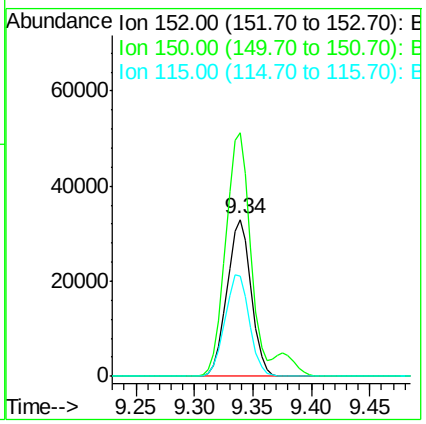


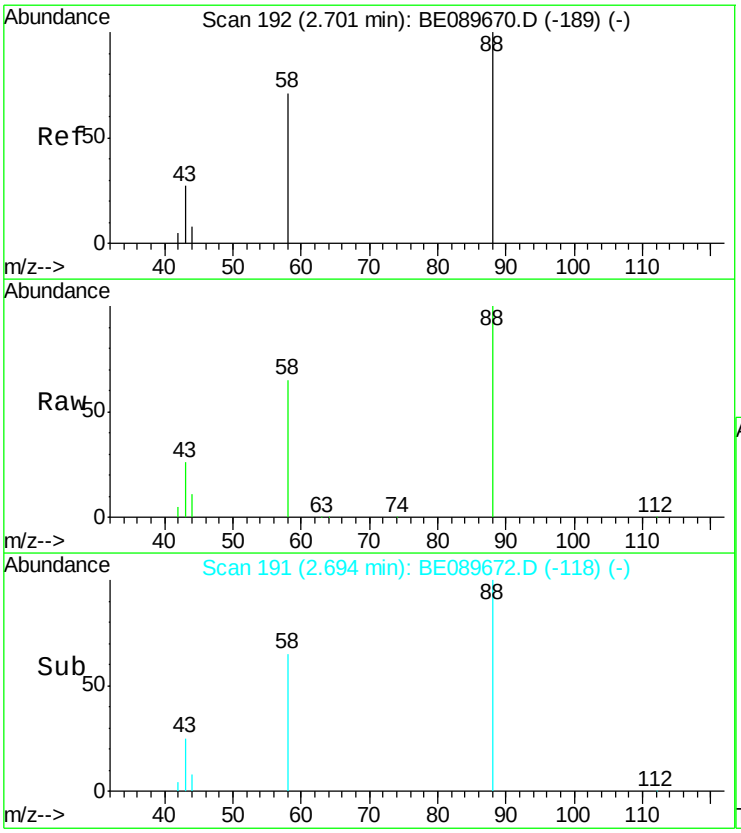
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.34 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:152 Resp: 47134

Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.4	185.0
115	64.2	50.8	76.2

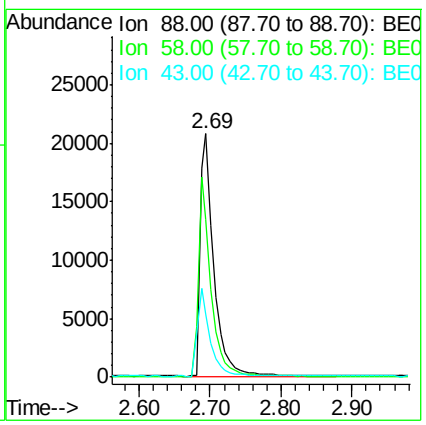


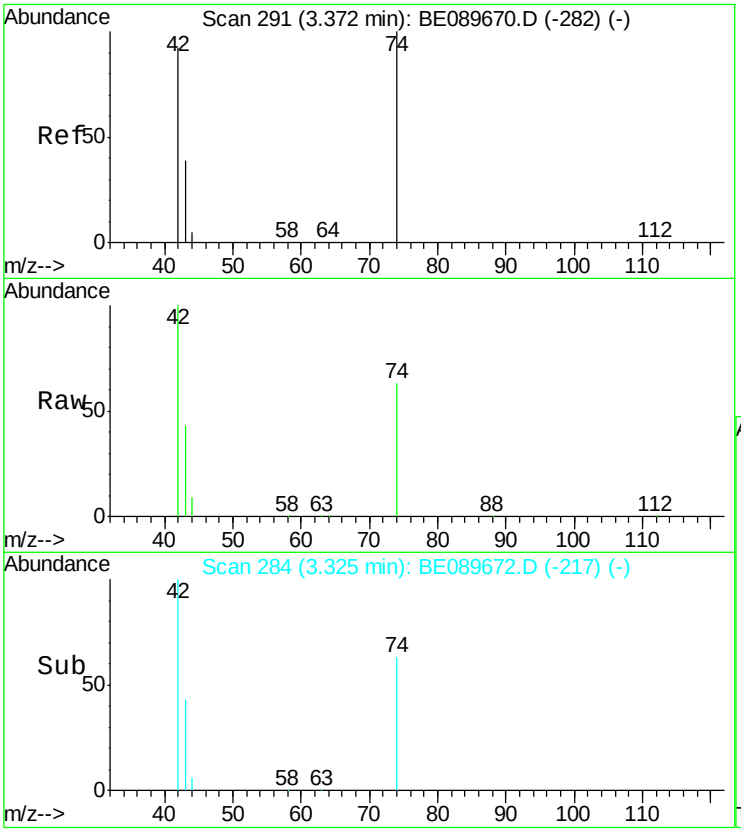


#2
1,4-Dioxane
Concen: 4.64 ng
RT: 2.69 min Scan# 191
Delta R.T. -0.01 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Tgt Ion: 88 Resp: 27876

Ion	Ratio	Lower	Upper
88	100		
58	77.1	62.4	93.6
43	34.2	26.6	40.0



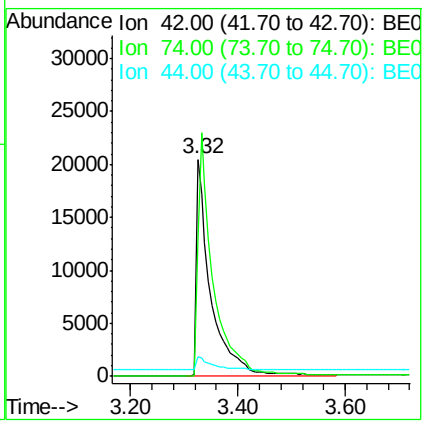


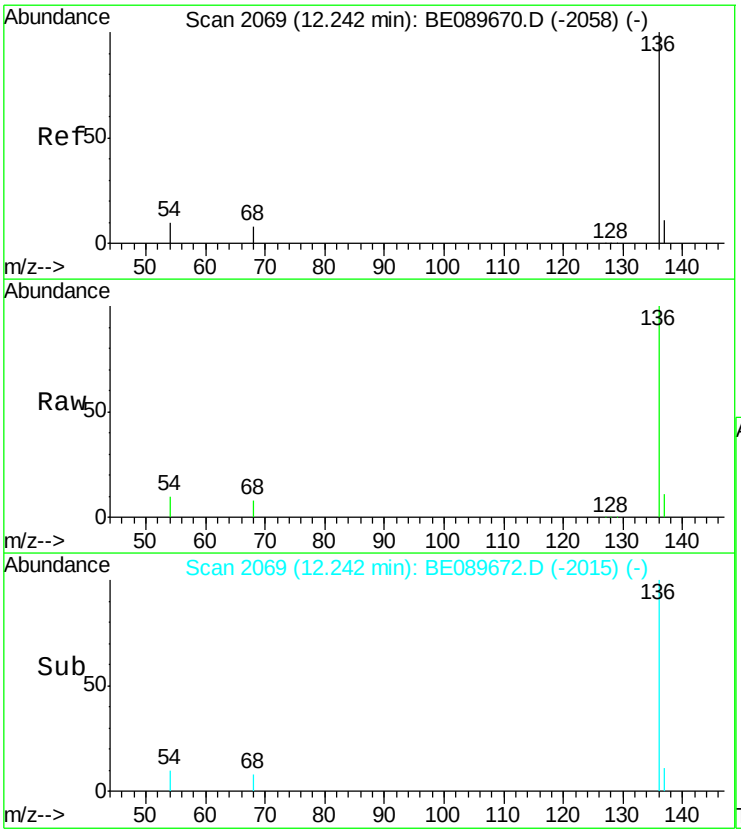
#3
n-Nitrosodimethylamine
Concen: 5.41 ng
RT: 3.32 min Scan# 284
Delta R.T. -0.05 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion: 42 Resp: 38040

Ion	Ratio	Lower	Upper
42	100		
74	122.3	91.1	136.7
44	5.9	4.7	7.1

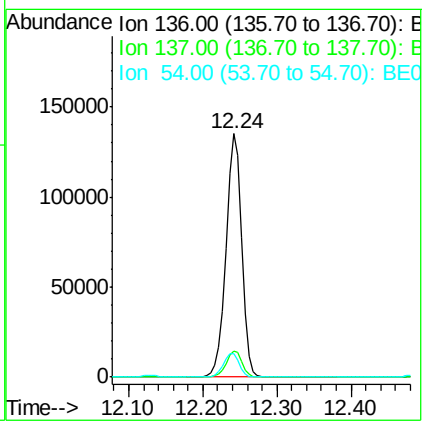


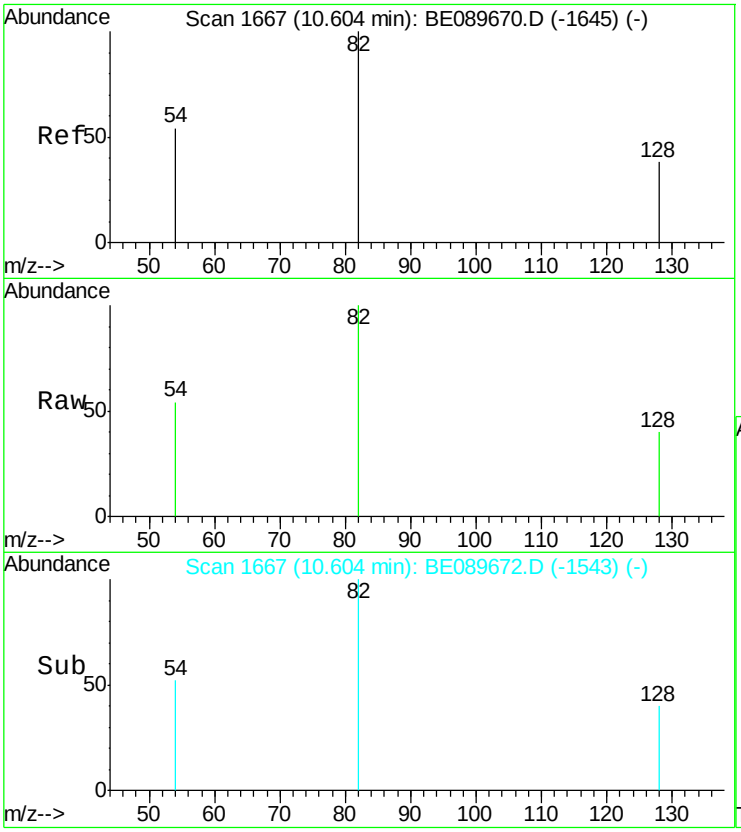


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 12.24 min Scan# 2069
Delta R.T. -0.00 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Tgt Ion:136 Resp: 201744

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.9	7.8	11.8



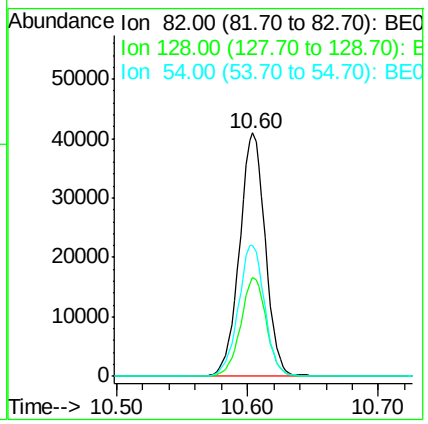


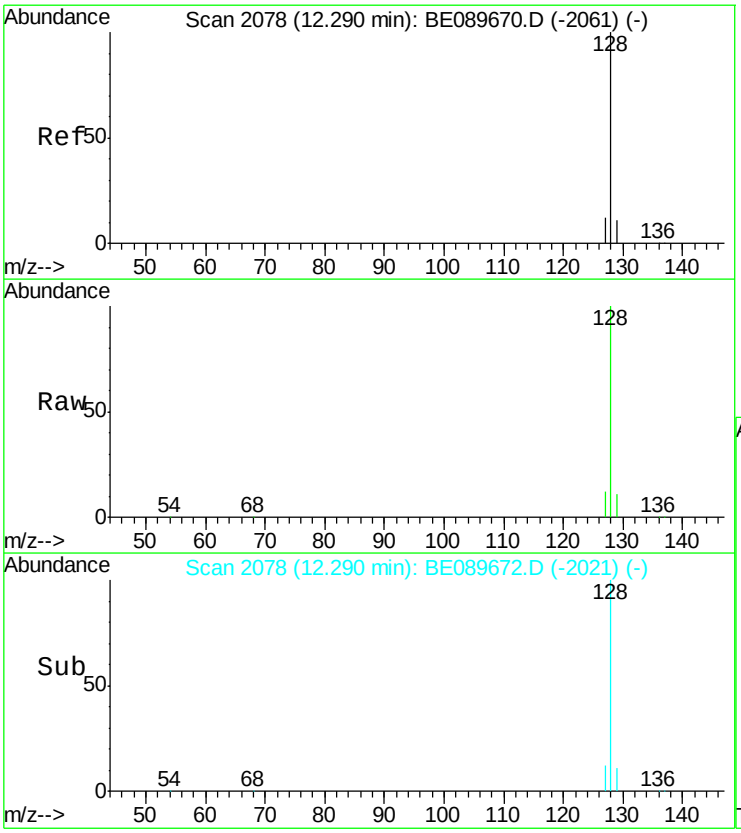
#5
Nitrobenzene-d5
Concen: 4.95 ng
RT: 10.60 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 55713

Ion	Ratio	Lower	Upper
82	100		
128	40.4	30.6	46.0
54	53.9	43.6	65.4

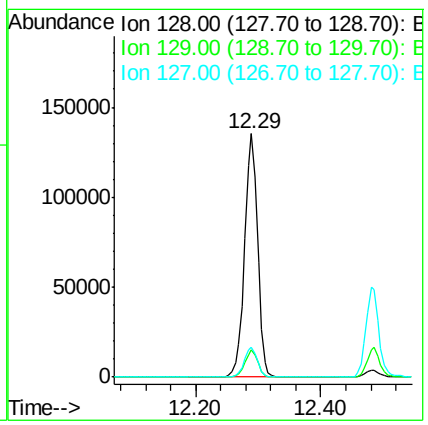


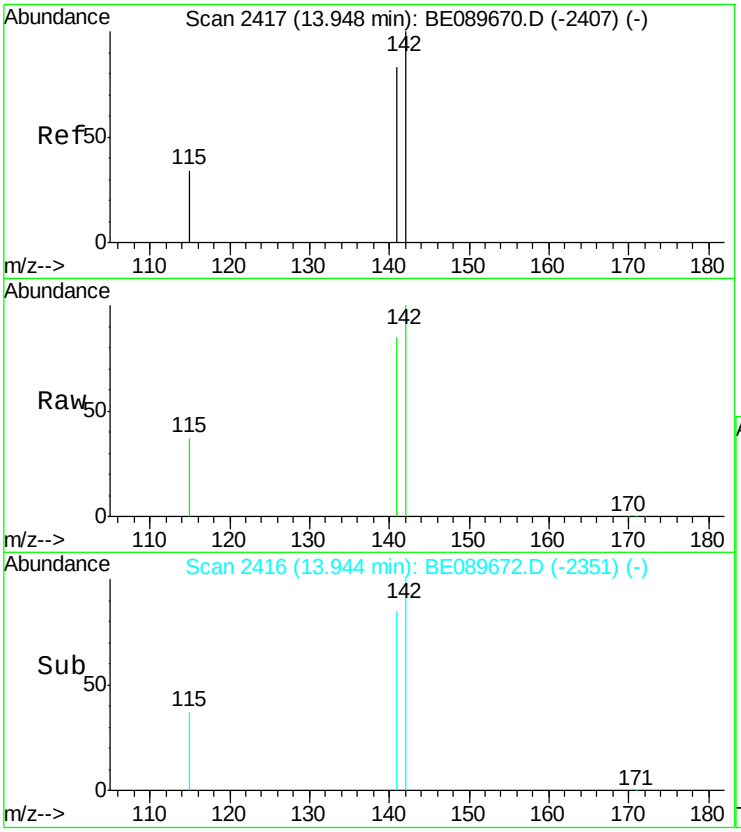


#6
Naphthalene
Concen: 4.98 ng
RT: 12.29 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Tgt Ion:128 Resp: 194763

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	12.3	9.7	14.5



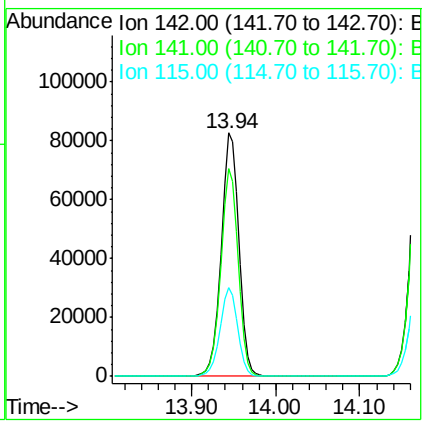


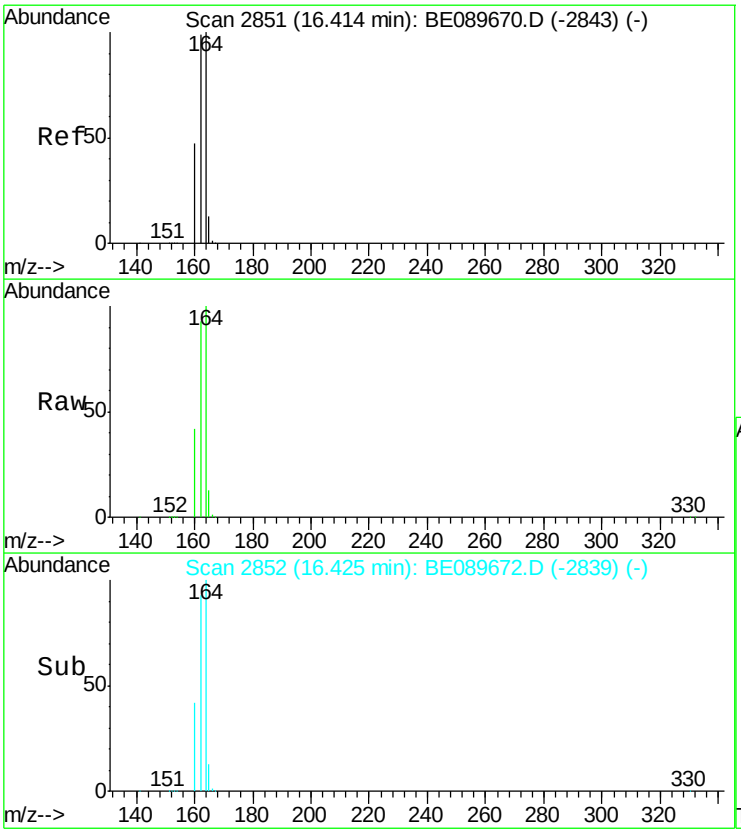
#7
2-Methylnaphthalene
Concen: 5.56 ng
RT: 13.94 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:142 Resp: 119708

Ion	Ratio	Lower	Upper
142	100		
141	85.2	66.0	99.0
115	36.6	27.4	41.0

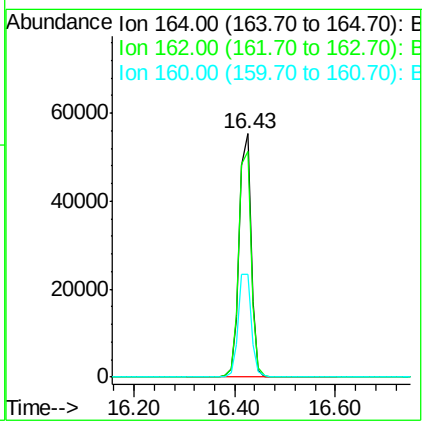


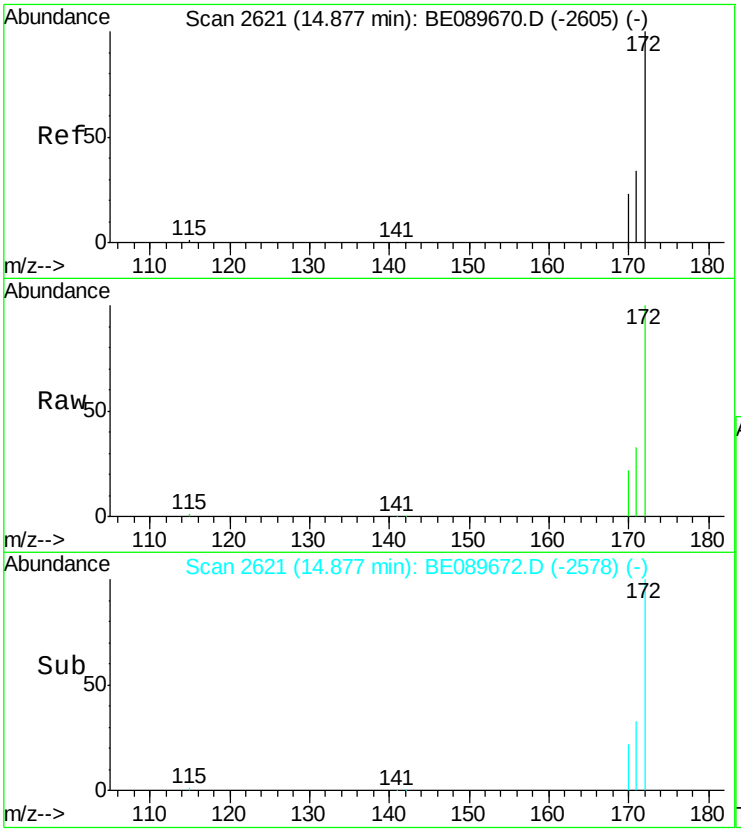


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.43 min Scan# 2852
Delta R.T. 0.01 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Tgt Ion:164 Resp: 90843

Ion	Ratio	Lower	Upper
164	100		
162	92.8	79.4	119.2
160	42.2	37.6	56.4



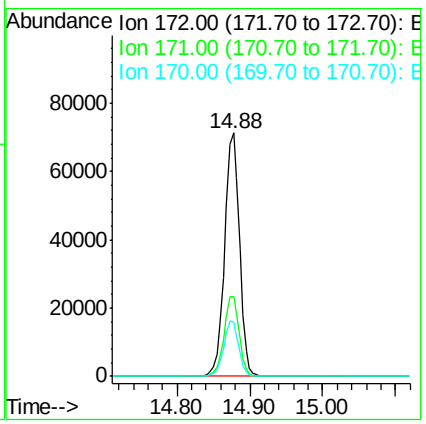


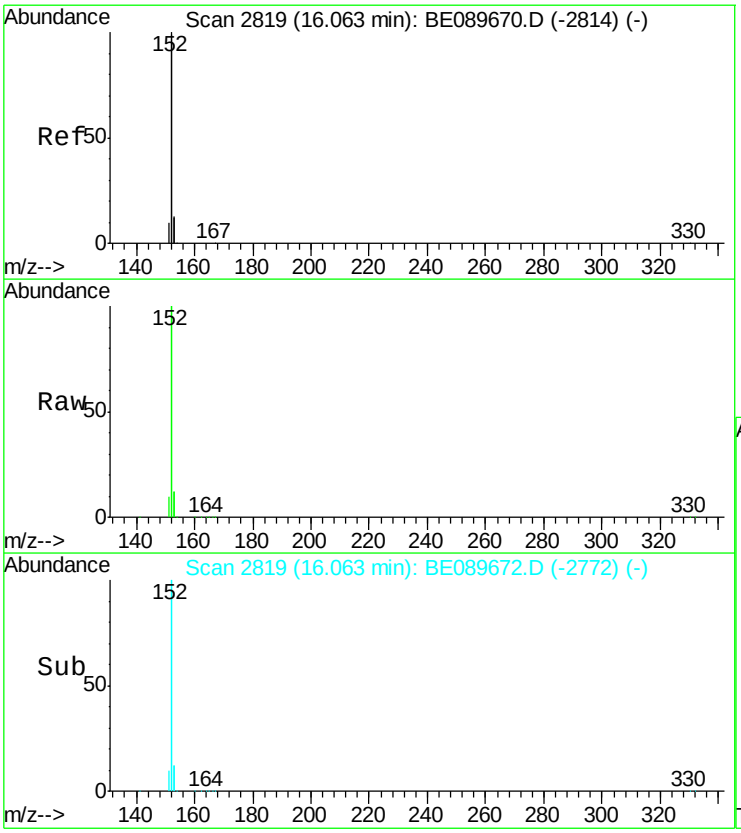
#9
2-Fluorobiphenyl
Concen: 4.09 ng
RT: 14.88 min Scan# 2621
Delta R.T. 0.00 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:172 Resp: 100812

Ion	Ratio	Lower	Upper
172	100		
171	32.9	27.3	40.9
170	22.2	18.5	27.7

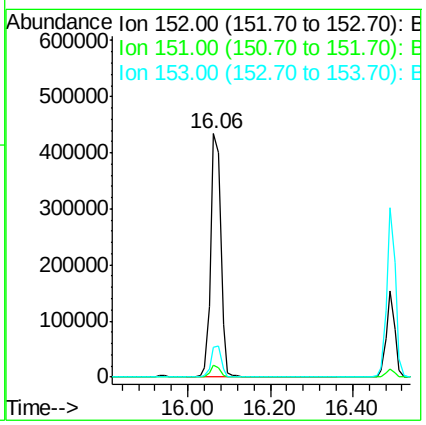


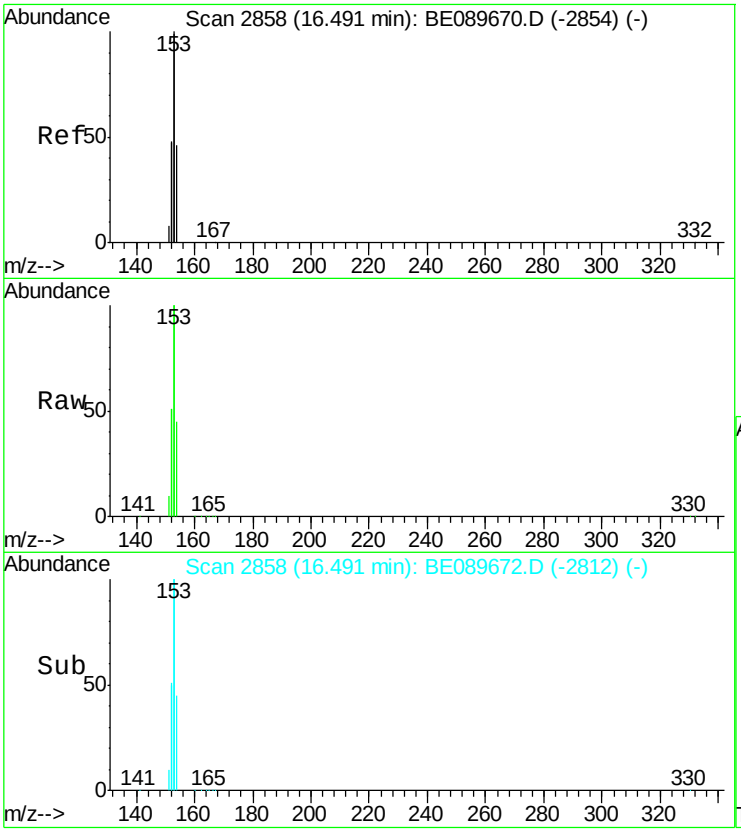


#10
Acenaphthylene
Concen: 5.72 ng
RT: 16.06 min Scan# 2819
Delta R.T. 0.00 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Tgt Ion:152 Resp: 718644

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.8	5.6
153	13.1	10.4	15.6



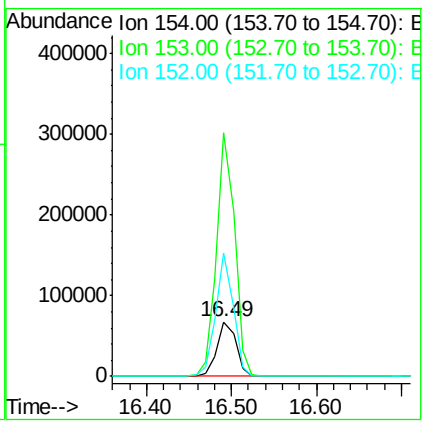


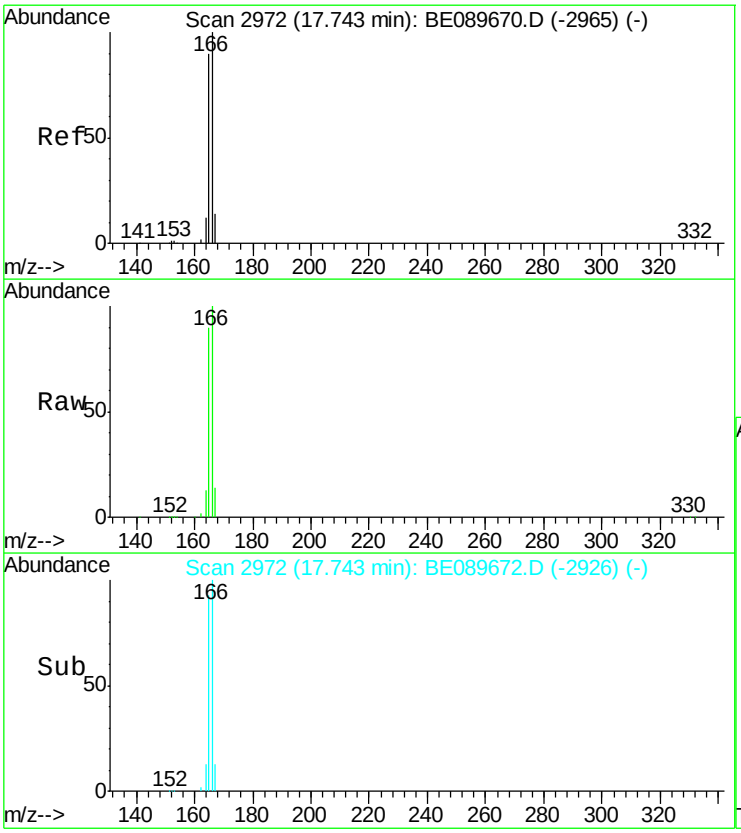
#11
Acenaphthene
Concen: 5.10 ng
RT: 16.49 min Scan# 2858
Delta R.T. 0.00 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:154 Resp: 104798

Ion	Ratio	Lower	Upper
154	100		
153	427.6	345.8	518.8
152	208.6	168.6	252.8

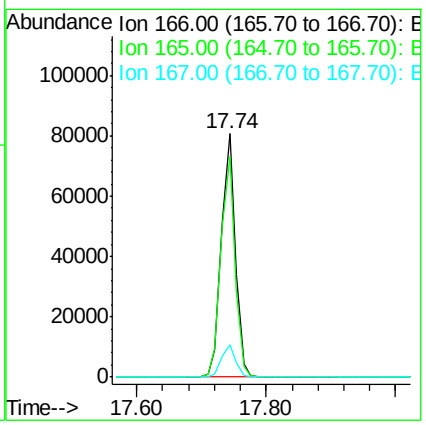


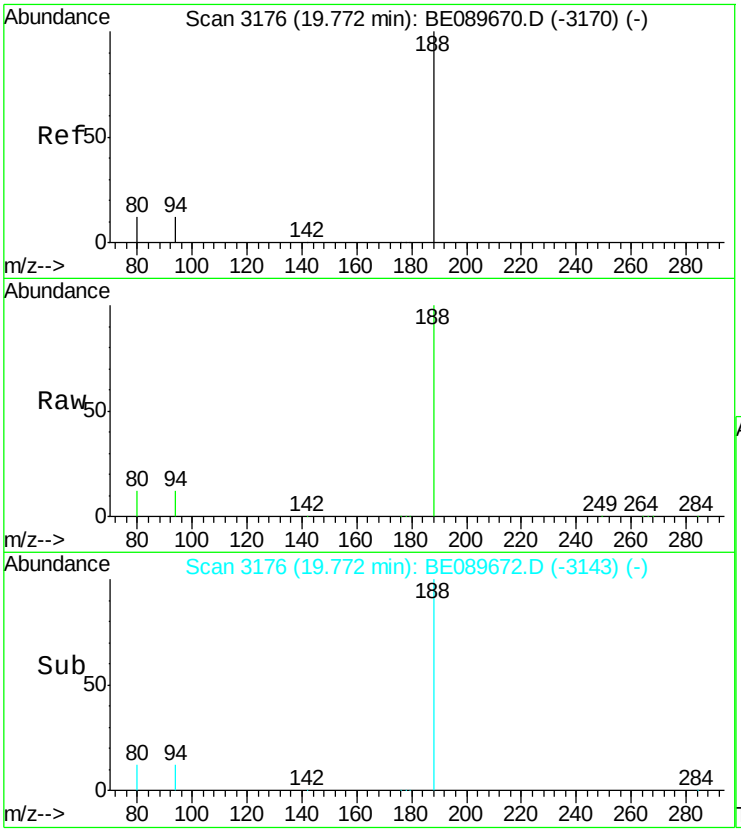


#12
Fluorene
Concen: 5.32 ng
RT: 17.74 min Scan# 2972
Delta R.T. 0.00 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Tgt Ion:166 Resp: 119677

Ion	Ratio	Lower	Upper
166	100		
165	91.8	73.6	110.4
167	13.4	10.6	16.0



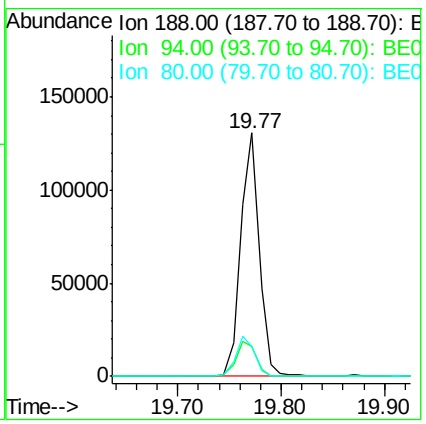


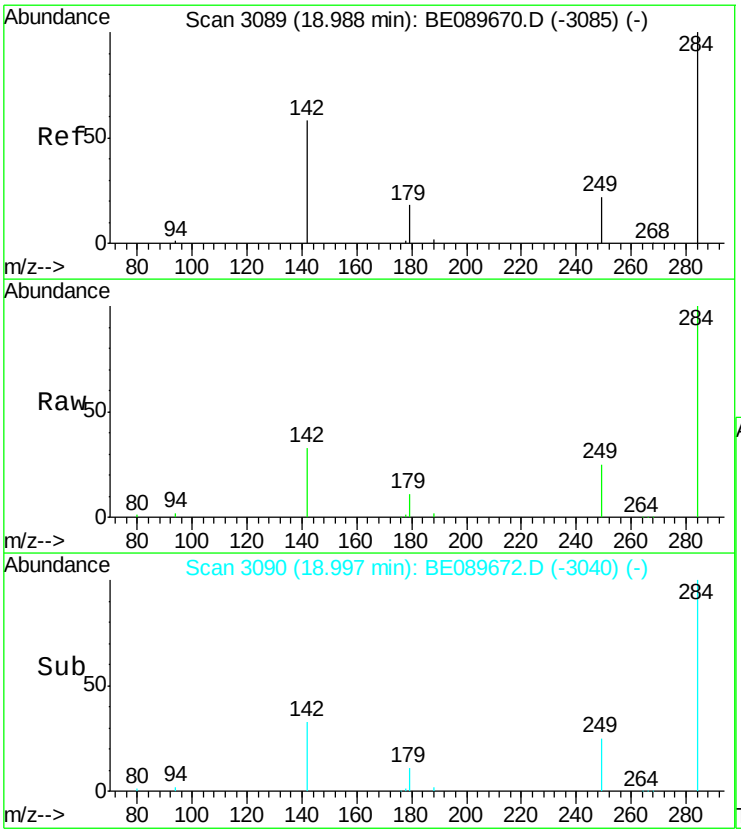
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.77 min Scan# 3176
Delta R.T. -0.00 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:188 Resp: 161906

Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.4	14.2
80	12.3	9.5	14.3

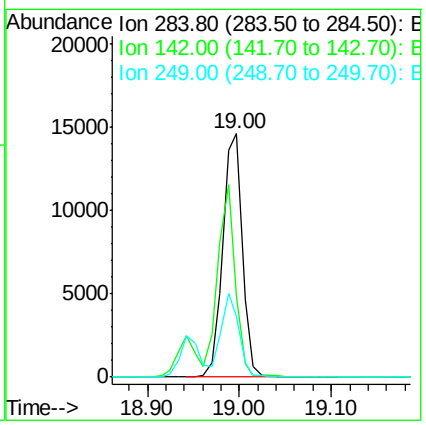


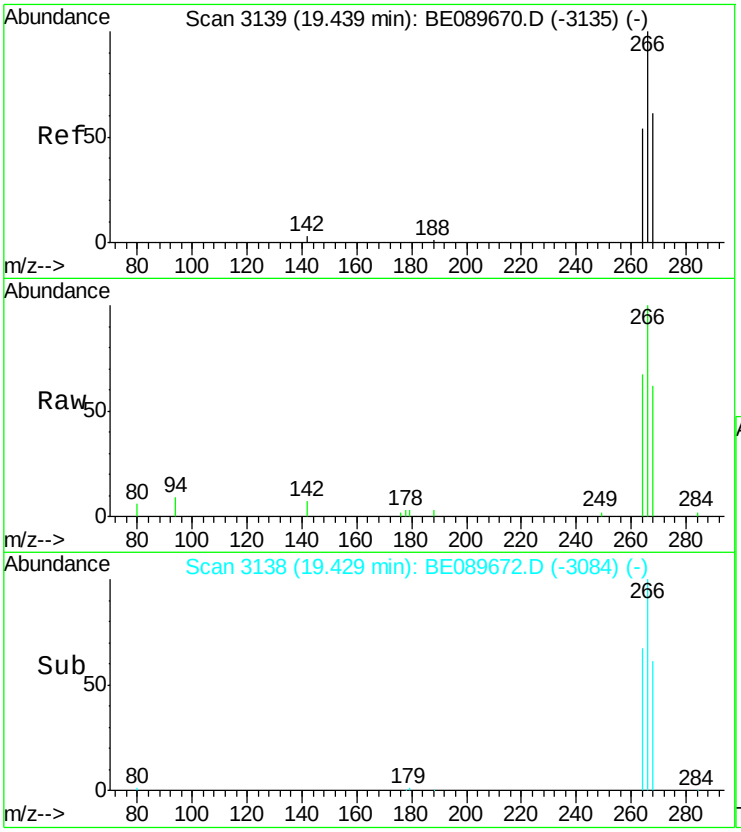


#14
Hexachlorobenzene
Concen: 5.11 ng
RT: 19.00 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Tgt Ion:284 Resp: 21266

Ion	Ratio	Lower	Upper
284	100		
142	70.5	55.4	83.2
249	30.5	27.2	40.8



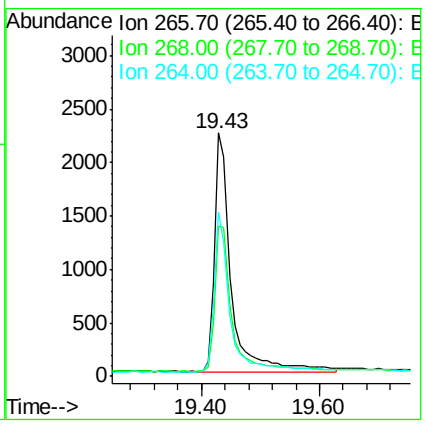


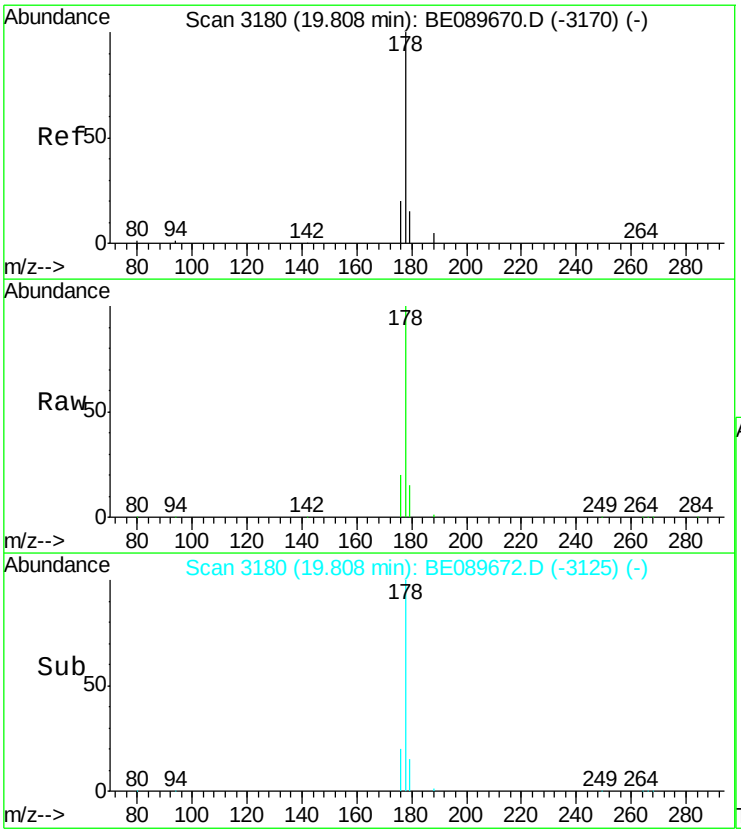
#15
Pentachlorophenol
Concen: 11.80 ng
RT: 19.43 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:266 Resp: 4327

Ion	Ratio	Lower	Upper
266	100		
268	61.7	56.3	84.5
264	67.4	51.8	77.8

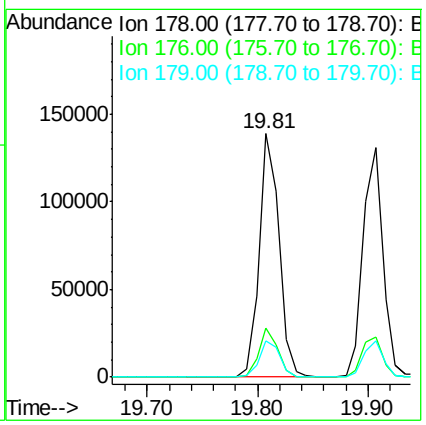


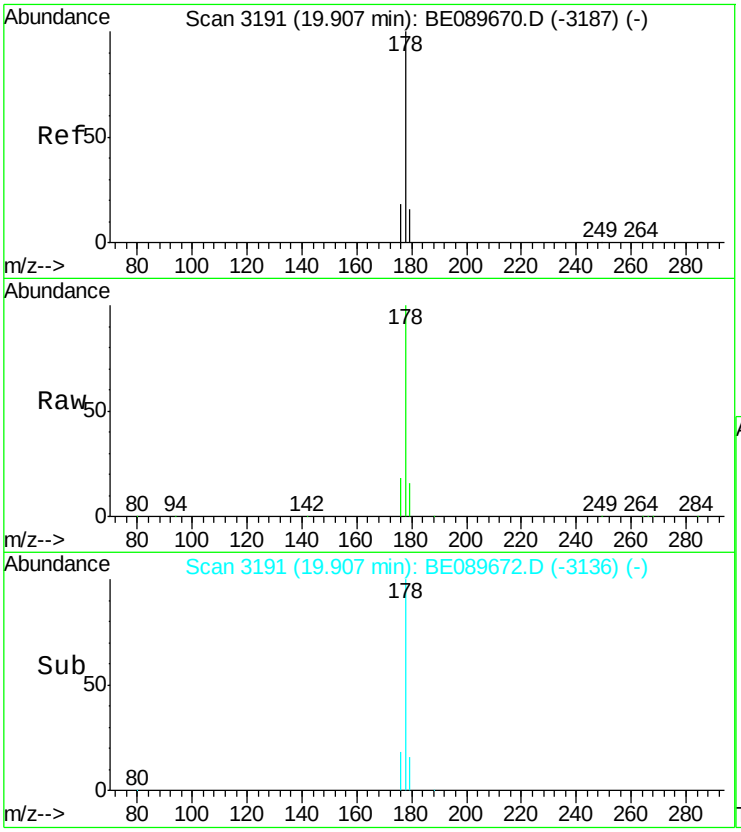


#16
Phenanthrene
Concen: 5.08 ng
RT: 19.81 min Scan# 3180
Delta R.T. -0.00 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Tgt Ion:178 Resp: 174716

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.3	12.5	18.7



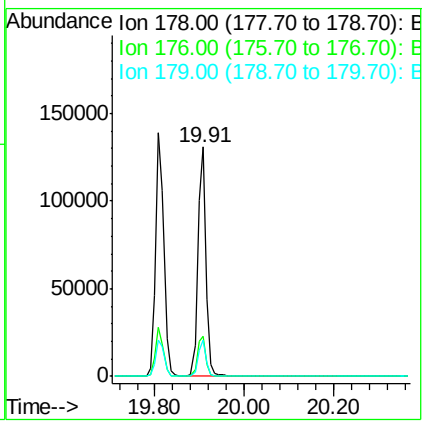


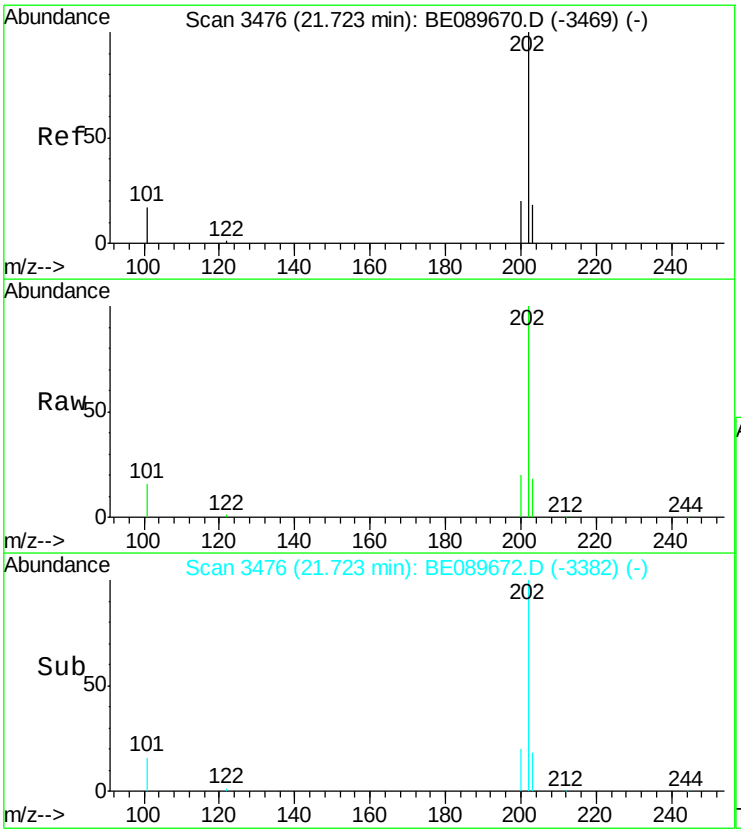
#17
Anthracene
Concen: 5.91 ng
RT: 19.91 min Scan# 3191
Delta R.T. -0.00 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:178 Resp: 165413

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.3	12.2	18.2

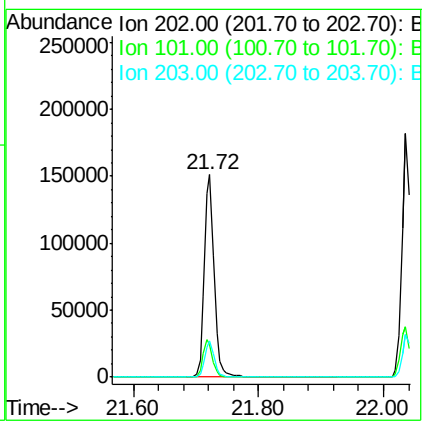


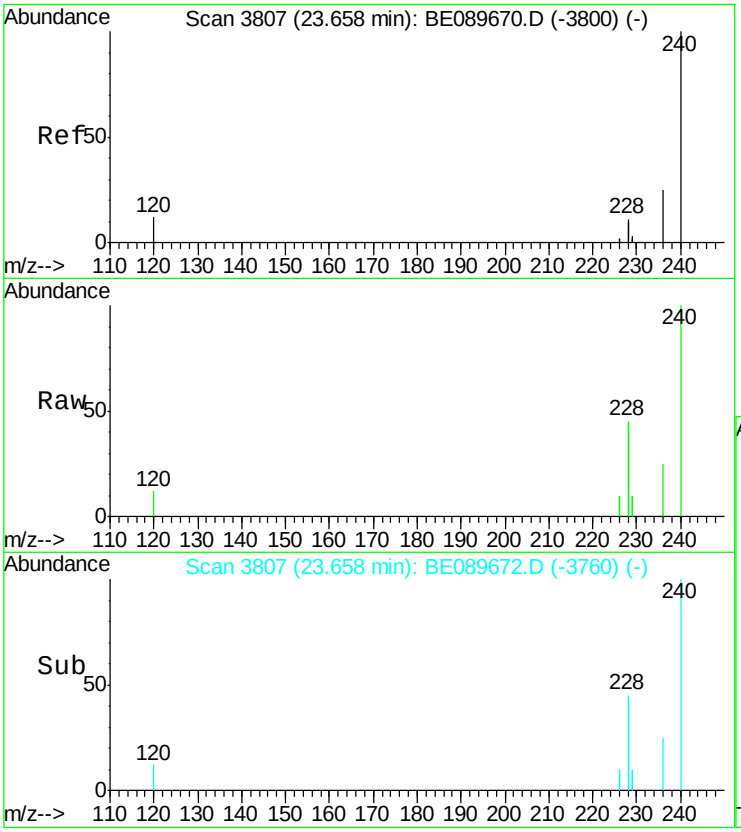


#18
Fluoranthene
Concen: 6.05 ng
RT: 21.72 min Scan# 3476
Delta R.T. -0.00 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Tgt Ion:202 Resp: 164825

Ion	Ratio	Lower	Upper
202	100		
101	18.2	14.9	22.3
203	17.4	13.8	20.6



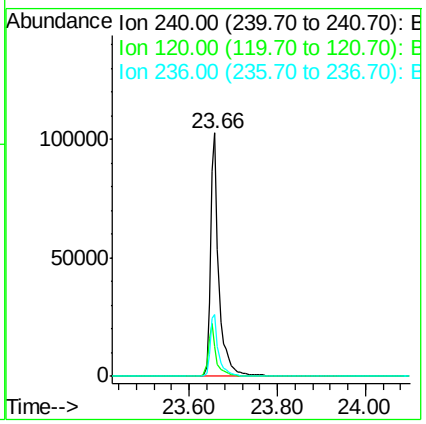


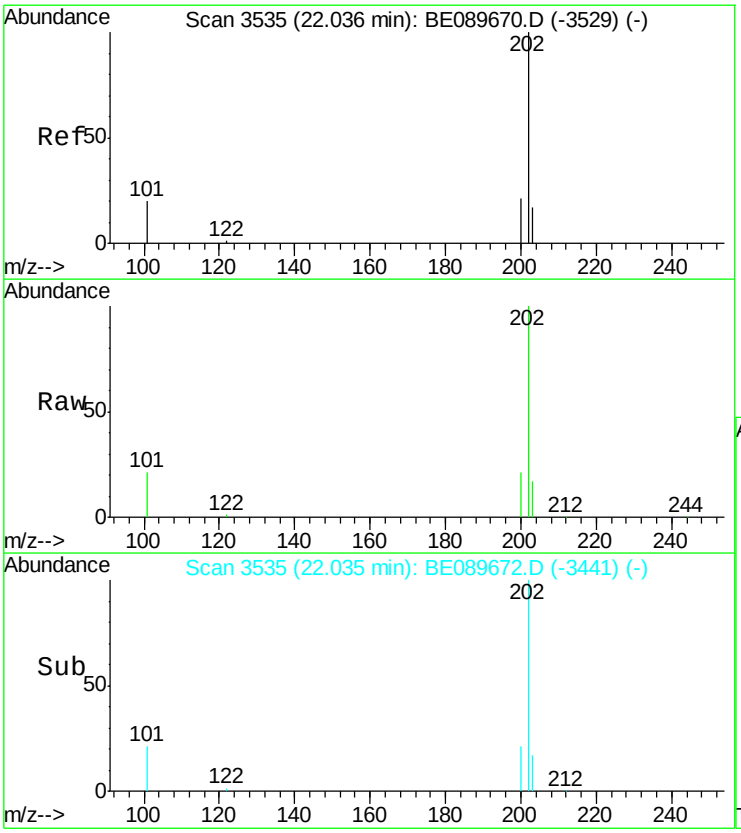
#19
Chrysene-d12
Concen: 5.00 ng
RT: 23.66 min Scan# 3807
Delta R.T. 0.00 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:240 Resp: 135474

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.4	14.0
236	25.2	19.9	29.9

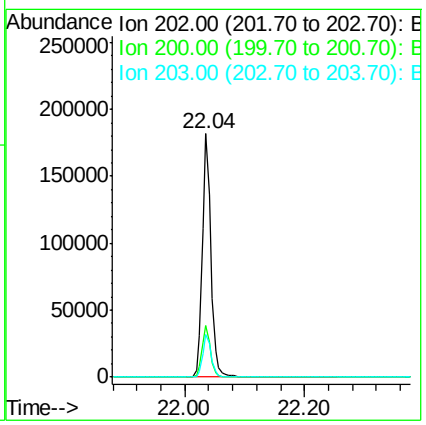


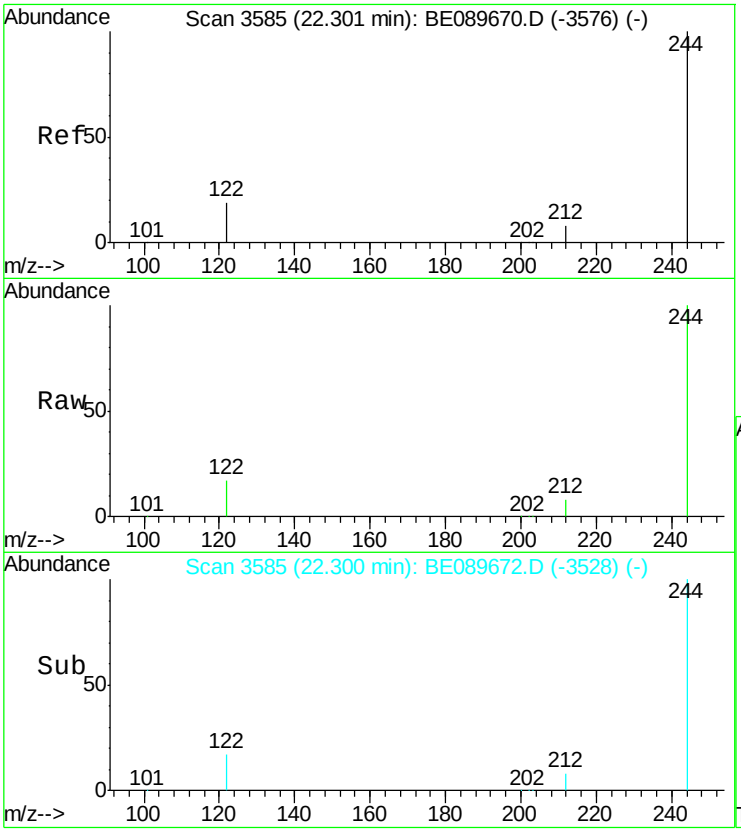


#20
Pyrene
Concen: 5.64 ng
RT: 22.04 min Scan# 3535
Delta R.T. -0.00 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Tgt Ion:202 Resp: 178990

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.4	24.6
203	17.6	13.9	20.9



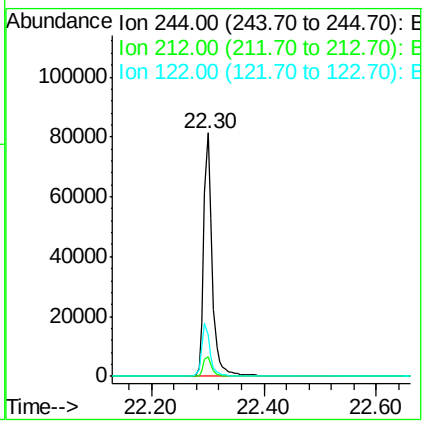


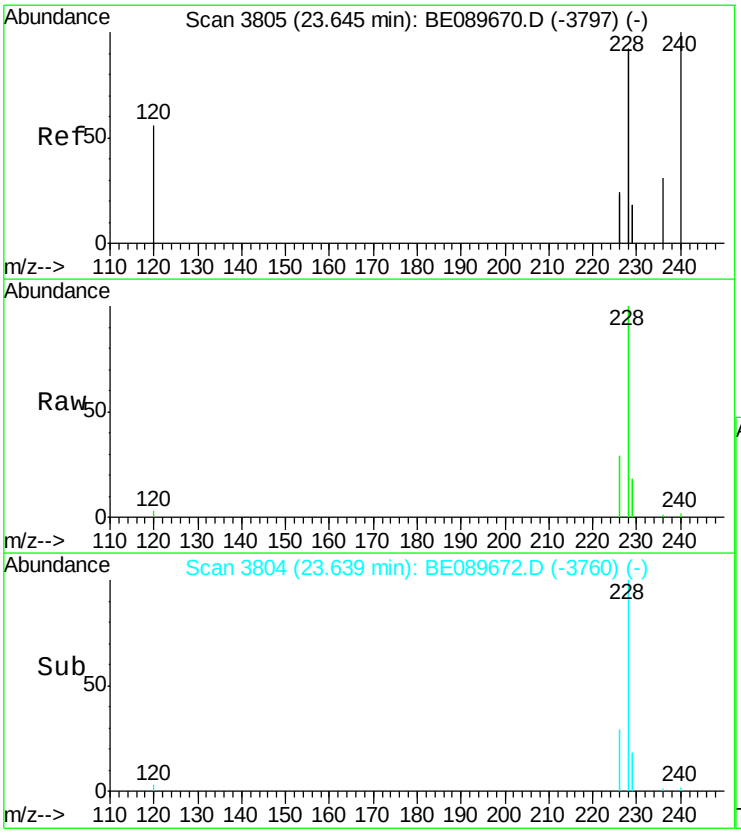
#21
Terphenyl-d14
Concen: 5.55 ng
RT: 22.30 min Scan# 3585
Delta R.T. -0.00 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:244 Resp: 85538

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.0	10.6
122	17.2	15.4	23.0

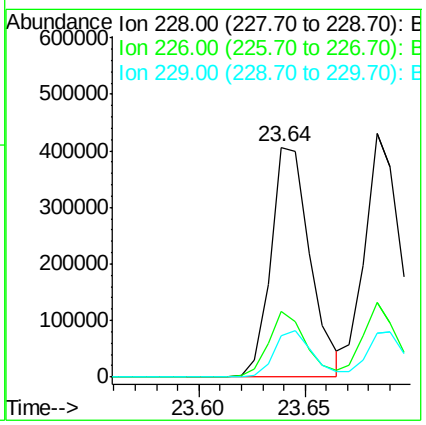


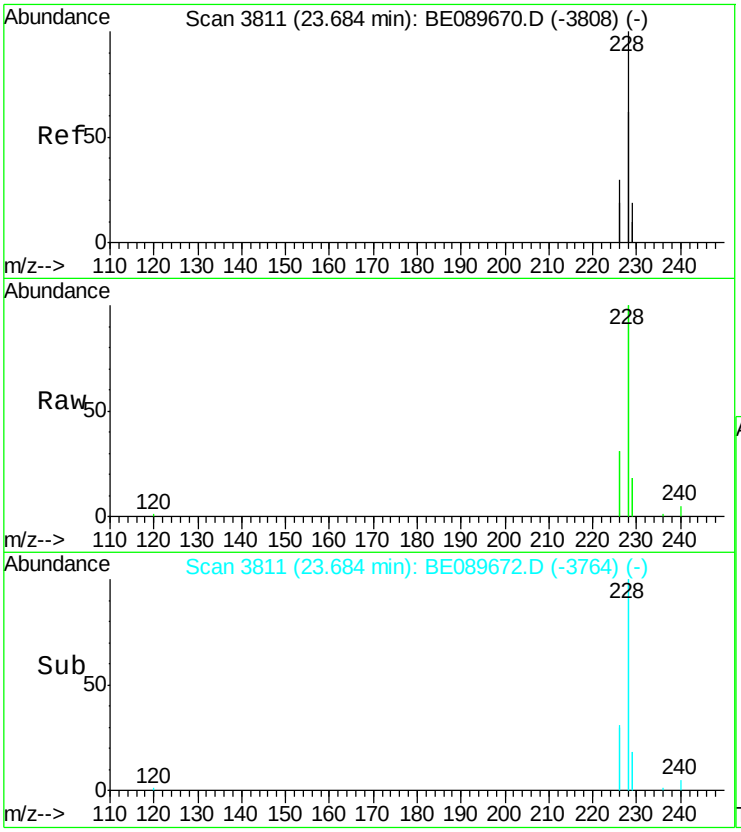


#22
Benzo(a)anthracene
Concen: 6.26 ng
RT: 23.64 min Scan# 3804
Delta R.T. -0.01 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Tgt Ion:228 Resp: 518896

Ion	Ratio	Lower	Upper
228	100		
226	28.8	20.6	31.0
229	17.8	15.8	23.6



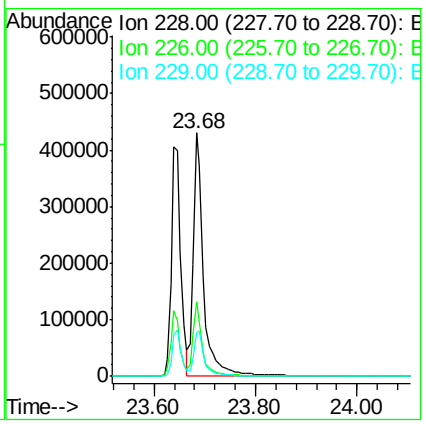


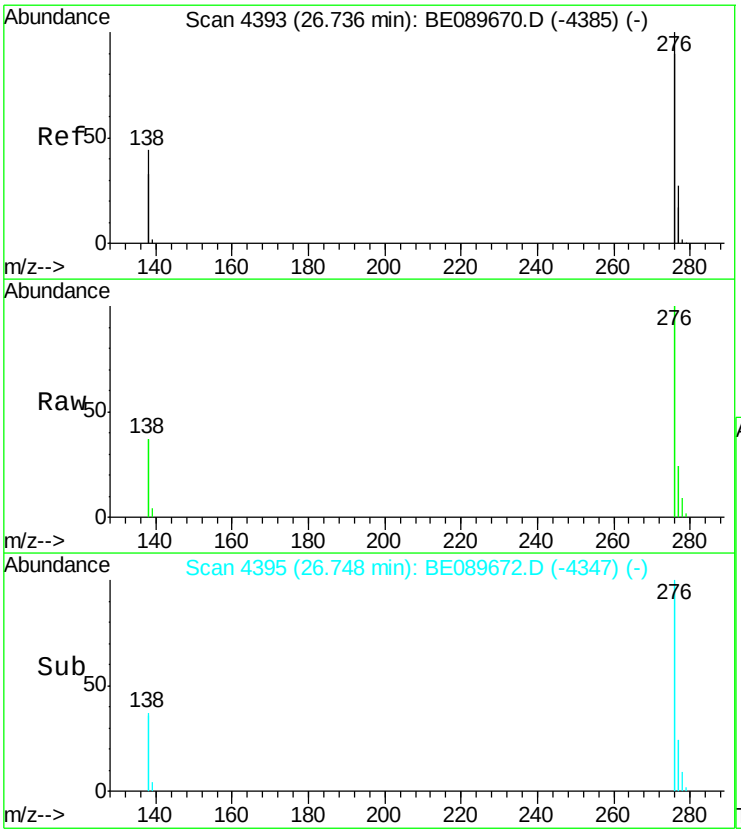
#23
Chrysene
Concen: 4.83 ng
RT: 23.68 min Scan# 3811
Delta R.T. 0.00 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:228 Resp: 601275

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.6	35.4
229	18.2	15.3	22.9

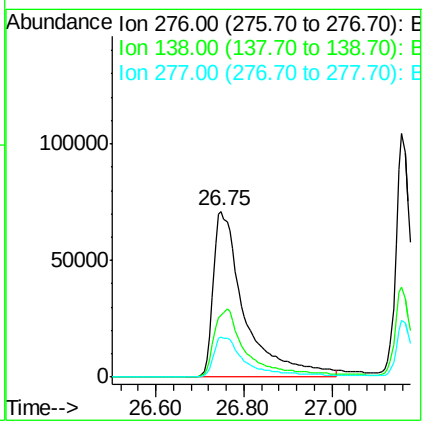


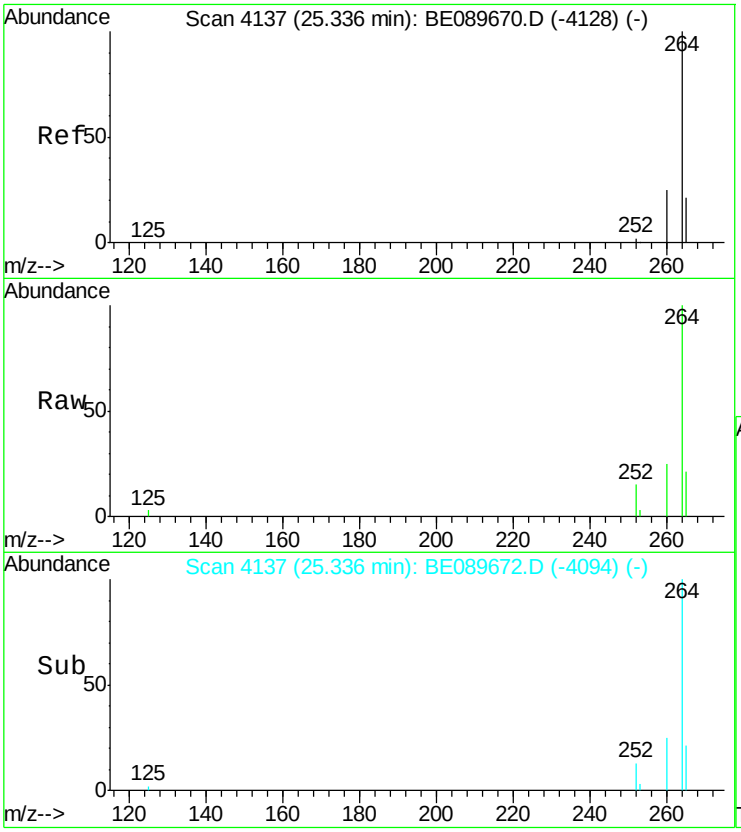


#24
Indeno(1,2,3-cd)pyrene
Concen: 11.49 ng
RT: 26.75 min Scan# 4395
Delta R.T. 0.01 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Tgt Ion:276 Resp: 351286

Ion	Ratio	Lower	Upper
276	100		
138	41.9	0.0	0.0#
277	24.7	5.2	7.8#



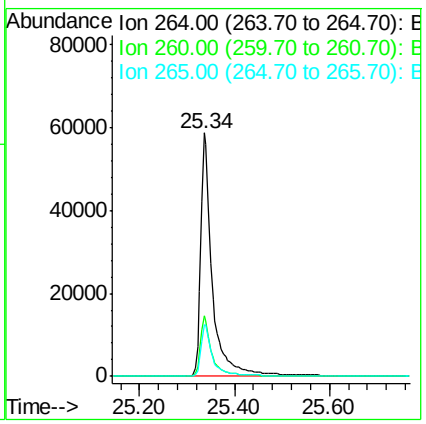


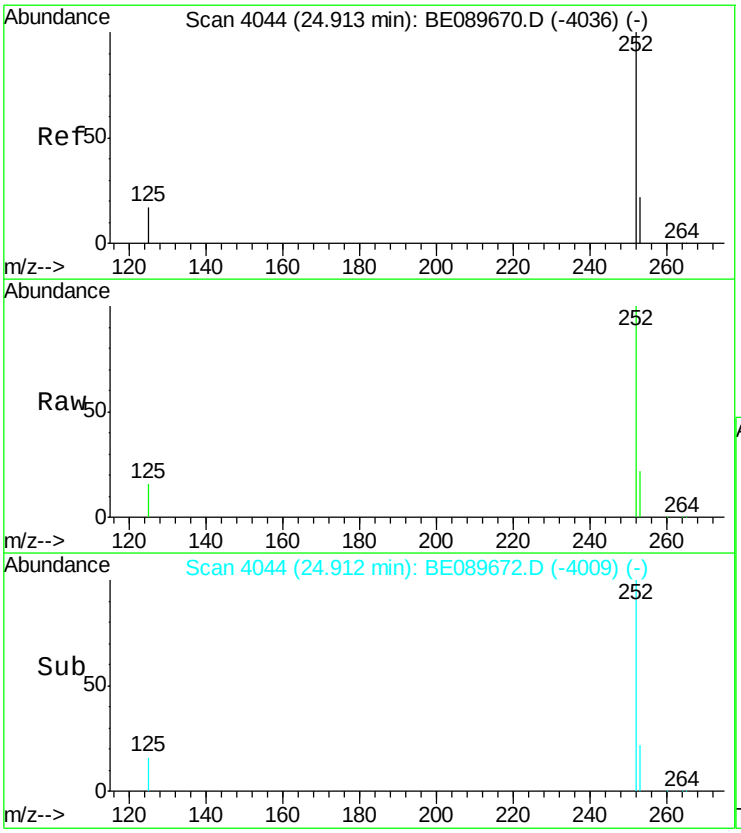
#25
Perylene-d12
Concen: 5.00 ng
RT: 25.34 min Scan# 4137
Delta R.T. -0.00 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:264 Resp: 99450

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.2	30.4
265	21.0	17.0	25.4

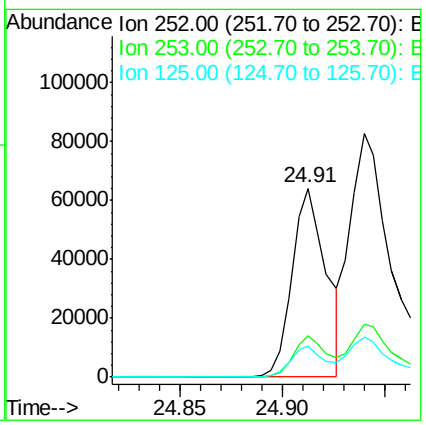


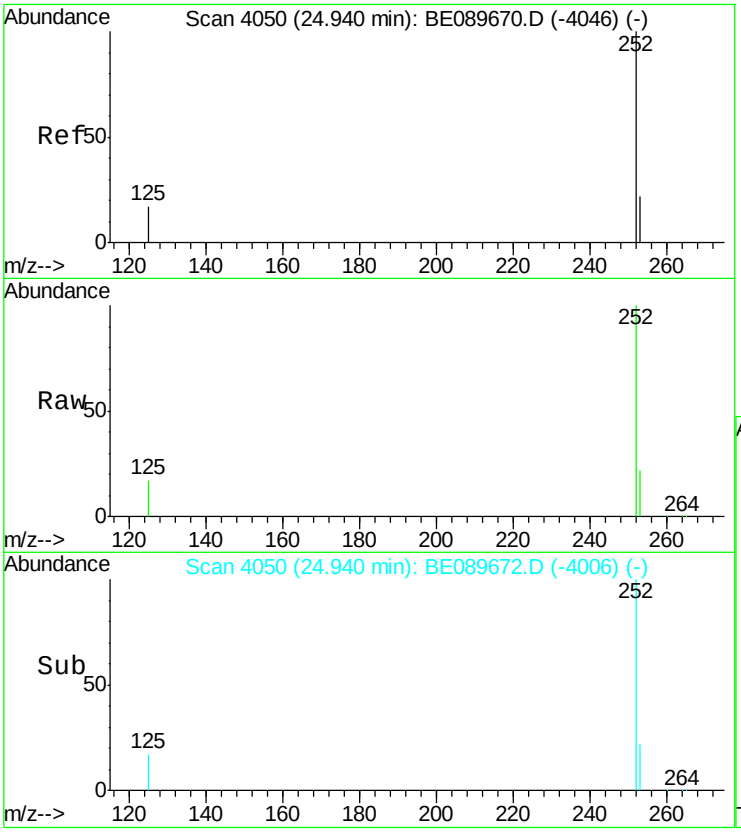


#26
Benzo(b)fluoranthene
Concen: 12.91 ng
RT: 24.91 min Scan# 4044
Delta R.T. -0.00 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Tgt Ion:252 Resp: 74253

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.6	27.8
125	16.1	15.0	22.6



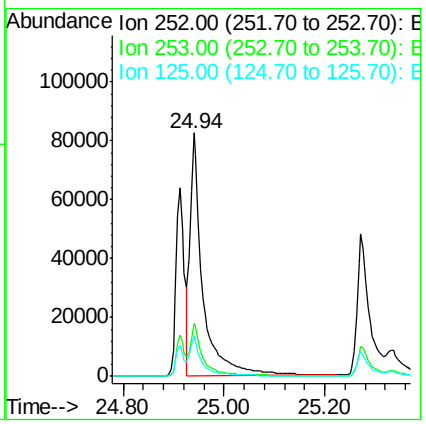


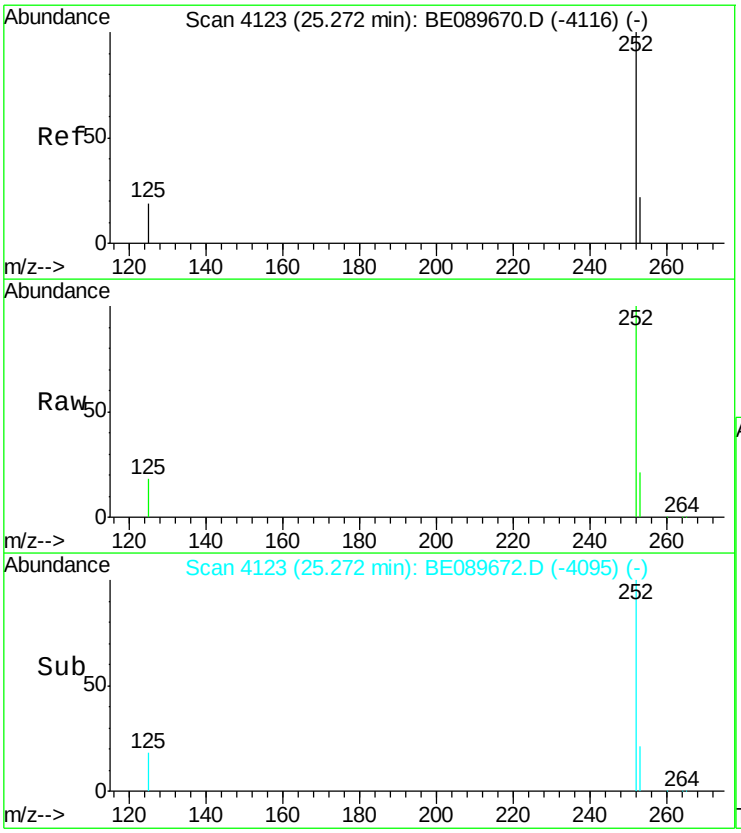
#27
Benzo(k)fluoranthene
Concen: 7.31 ng
RT: 24.94 min Scan# 4050
Delta R.T. -0.00 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:252 Resp: 145270

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	16.6	14.3	21.5

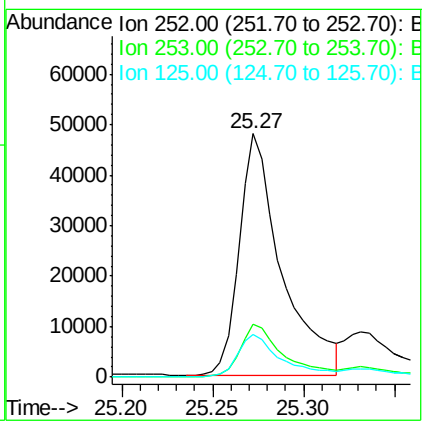


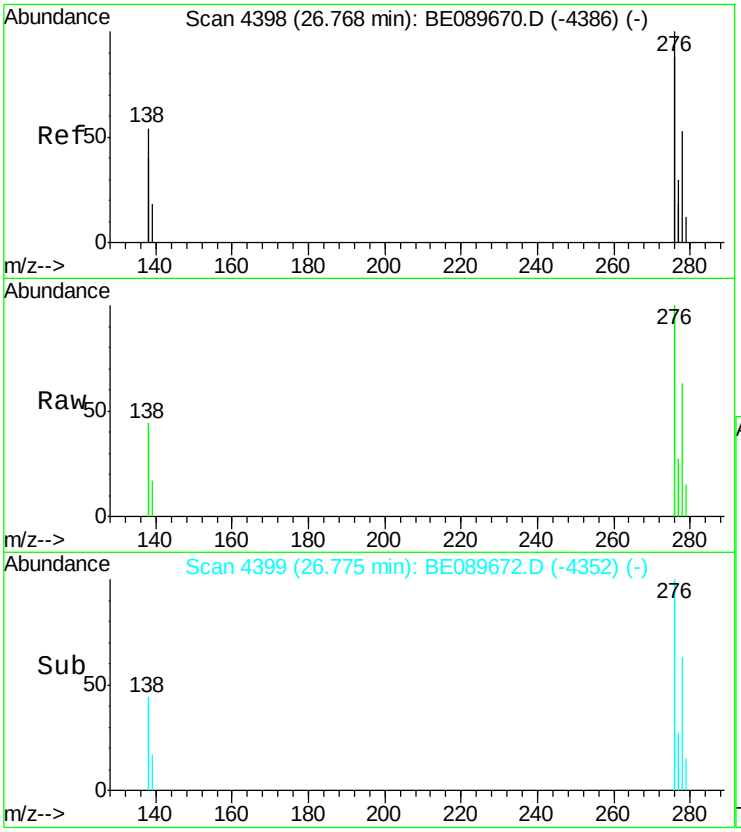


#28
Benzo(a)pyrene
Concen: 11.00 ng
RT: 25.27 min Scan# 4123
Delta R.T. -0.00 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Tgt Ion:252 Resp: 77802

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.8	28.2
125	17.6	16.6	24.8



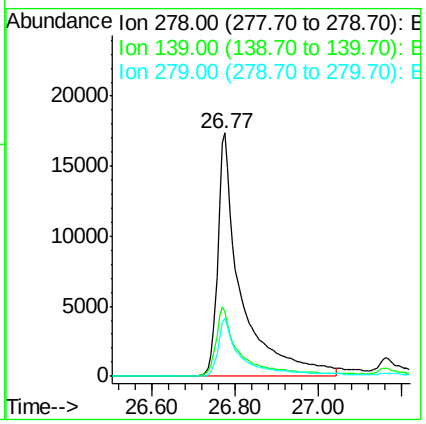


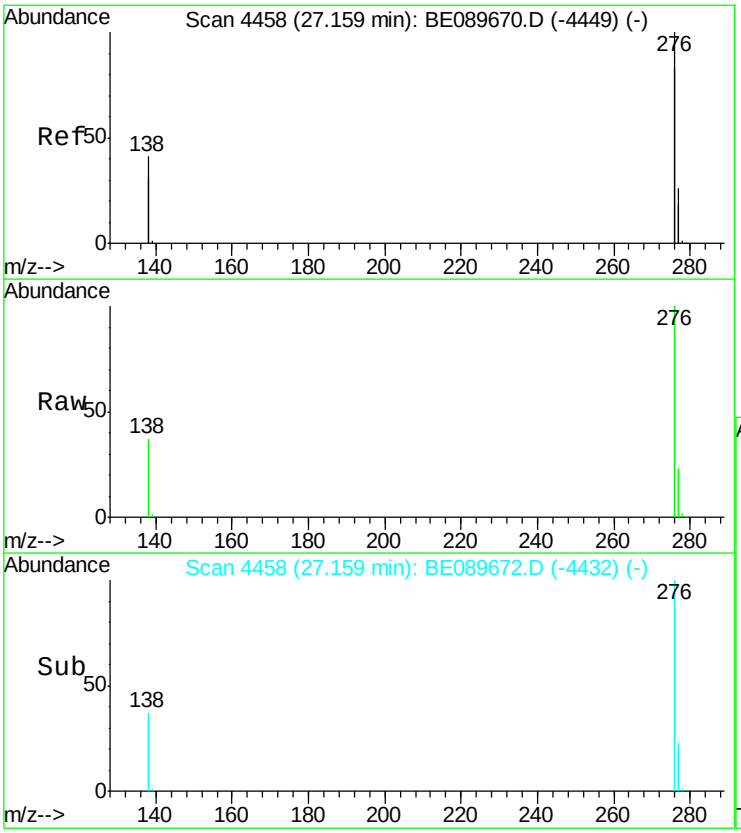
#29
Dibenzo(a,h)anthracene
Concen: 13.87 ng
RT: 26.77 min Scan# 4399
Delta R.T. 0.01 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:278 Resp: 66966

Ion	Ratio	Lower	Upper
278	100		
139	26.7	30.4	45.6#
279	23.6	22.0	33.0





#30
Benzo(g,h,i)perylene
Concen: 9.04 ng
RT: 27.16 min Scan# 4458
Delta R.T. -0.00 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Tgt Ion:276 Resp: 326384

Ion	Ratio	Lower	Upper
276	100		
277	23.5	21.0	31.6
138	36.9	33.0	49.4