Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011515\
Data File : BE089397.D
Acq On : 15 Jan 2015 17:27
Operator : TP/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
LabSampleId : SSTDICC0.1

Quant Time: Jan 16 05:29:30 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BE011515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 16 05:21:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	20616	5.00	ng		0.00
3) Naphthalene-d8	8.36	136	78082	5.00	ng		0.00
7) Acenaphthene-d10	10.49	164	35060	5.00	ng		0.00
12) Phenanthrene-d10	12.50	188	53190	5.00	ng		0.00
17) Chrysene-d12	17.78	240	39610	5.00	ng		0.00
23) Perylene-d12	20.81	264	31887	5.00	ng		0.00
System Monitoring Compounds							
4) Nitrobenzene-d5	7.50	82	9183	1.81	ng		0.00
8) 2-Fluorobiphenyl	9.70	172	17976	1.88	ng		0.00
19) Terphenyl-d14	15.59	244	11688	1.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	5916	2.00	ng		99
5) Naphthalene	8.39	128	33132	1.92	ng		100
6) 2-Methylnaphthalene	9.24	142	20175	1.82	ng		98
9) Acenaphthylene	10.32	152	114920	1.95	ng		100
10) Acenaphthene	10.54	154	17481	1.92	ng		98
11) Fluorene	11.17	166	18811	1.98	ng		99
13) Pentachlorophenol	12.24	266	1111	1.95	ng		89
14) Phenanthrene	12.54	178	103921	1.92	ng		100
15) Anthracene	12.62	178	99988	1.97	ng		100
16) Fluoranthene	14.70	202	21484	2.06	ng		99
18) Pyrene	15.14	202	23325	1.81	ng		100
20) Benzo(a)anthracene	17.76	228	56919	1.62	ng		98
21) Chrysene	17.83	228	76820	1.91	ng		98
22) Indeno(1,2,3-cd)pyrene	22.83	276	17745	0.74	ng	#	75
24) Benzo(b)fluoranthene	20.06	252	8049	1.44	ng		96
25) Benzo(k)fluoranthene	20.12	252	16135	1.86	ng		97
26) Benzo(a)pyrene	20.70	252	8449	1.55	ng		95
27) Dibenzo(a,h)anthracene	22.91	278	6235	1.44	ng		92
28) Benzo(g,h,i)perylene	23.36	276	39539	1.57	ng		93

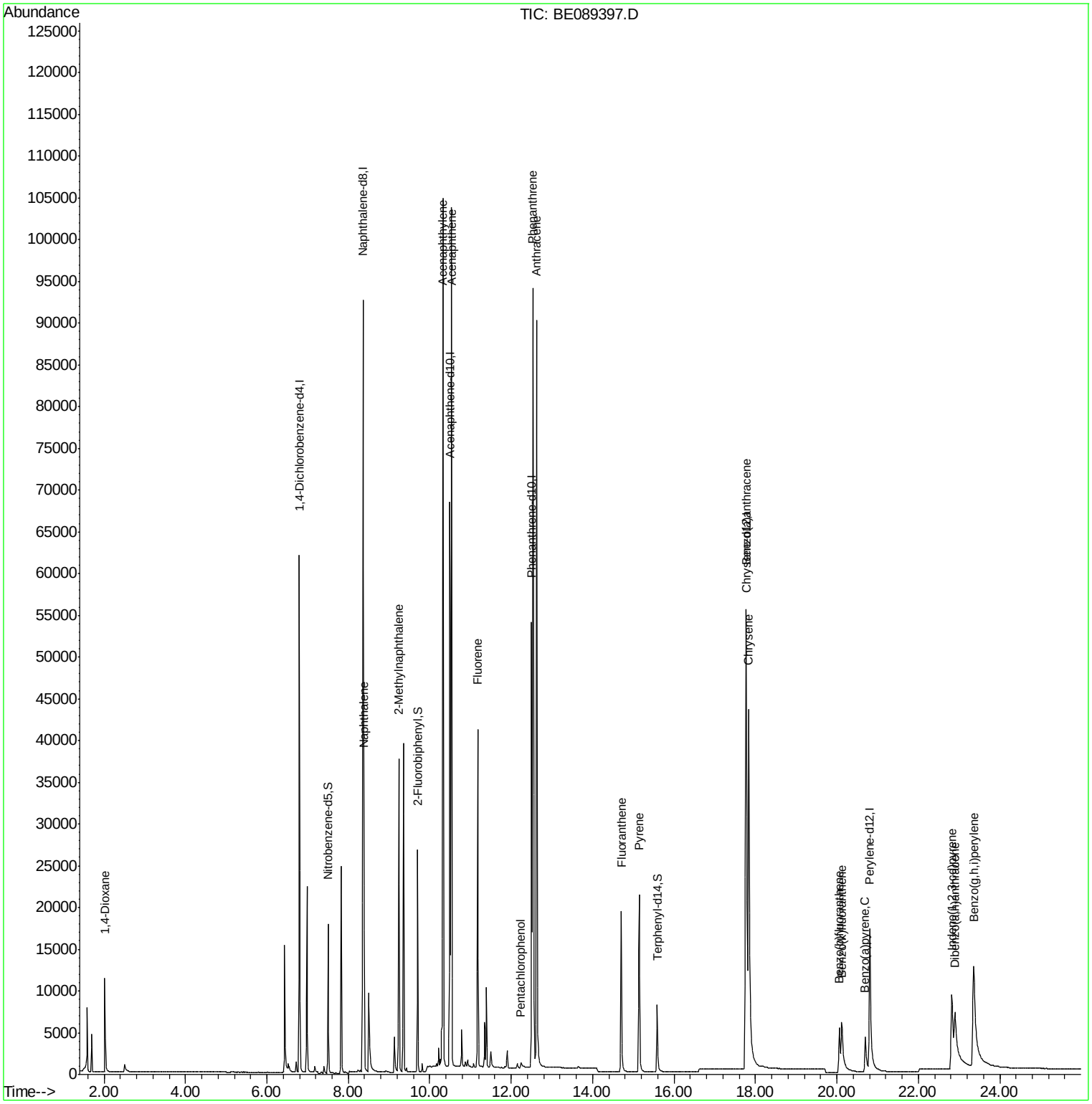
(#) = qualifier out of range (m) = manual integration (+) = signals summed

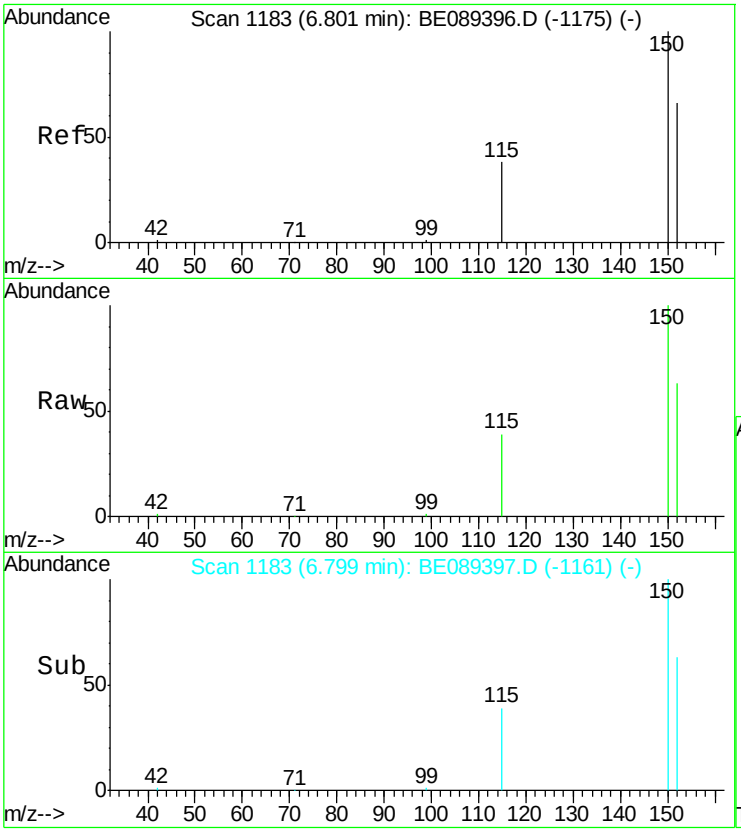
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011515\
Data File : BE089397.D
Acq On : 15 Jan 2015 17:27
Operator : TP/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDICC0.1

Quant Time: Jan 16 05:29:30 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BE011515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 16 05:21:30 2015
Response via : Initial Calibration



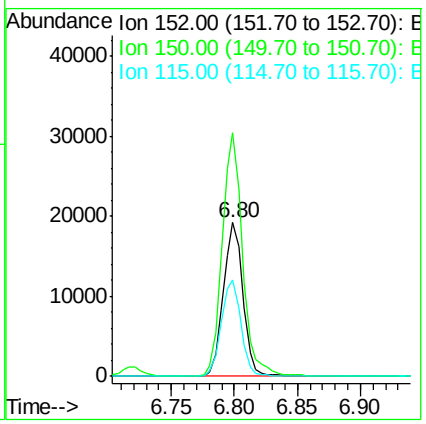


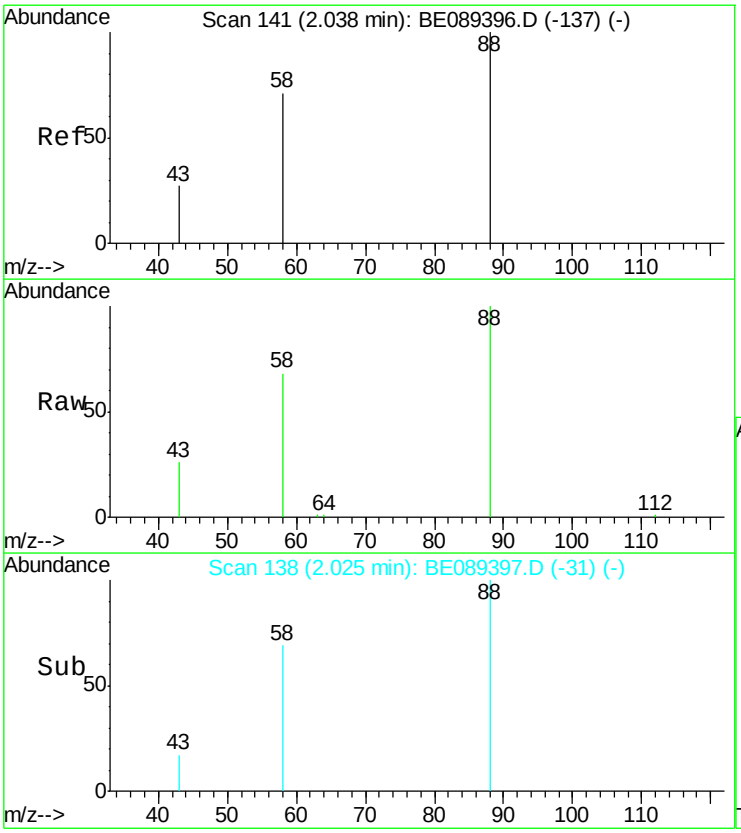
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.80 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE089397.D
Acq: 15 Jan 2015 17:27

Instrument :
BNA_M
LabSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 20616

Ion	Ratio	Lower	Upper
152	100		
150	158.5	121.9	182.9
115	62.4	47.0	70.6

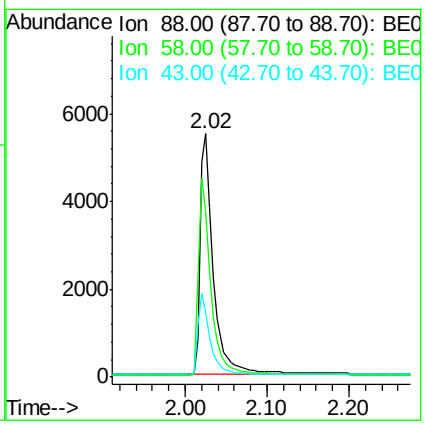


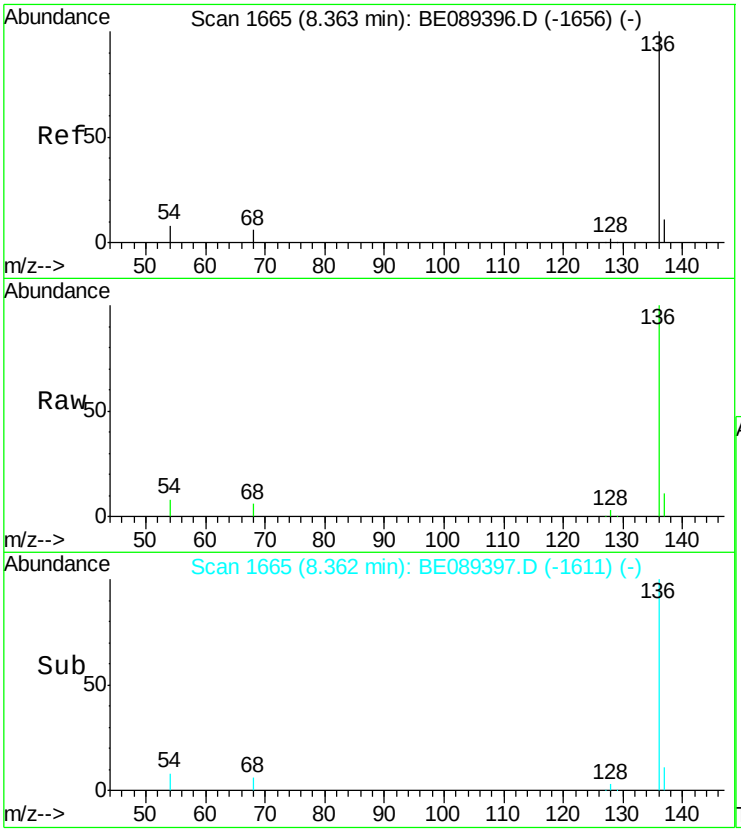


#2
1,4-Dioxane
Concen: 2.00 ng
RT: 2.02 min Scan# 138
Delta R.T. -0.01 min
Lab File: BE089397.D
Acq: 15 Jan 2015 17:27

Tgt Ion: 88 Resp: 5916

Ion	Ratio	Lower	Upper
88	100		
58	79.8	64.6	96.8
43	32.1	25.7	38.5



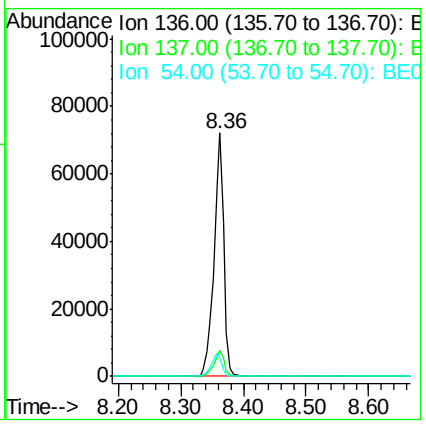


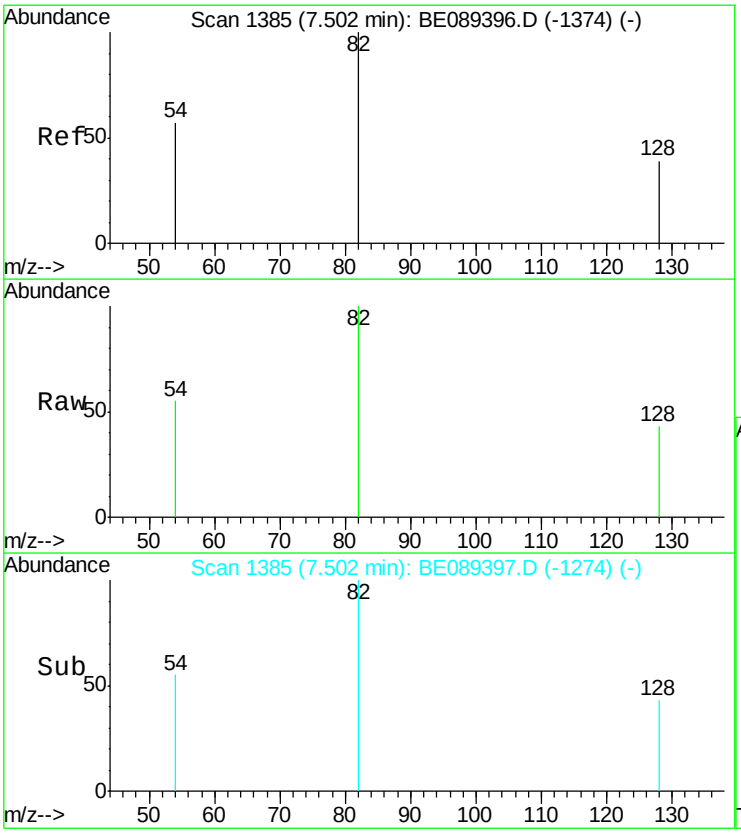
#3
Naphthalene-d8
Concen: 5.00 ng
RT: 8.36 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BE089397.D
Acq: 15 Jan 2015 17:27

Instrument :
BNA_M
LabSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 78082

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.8	6.5	9.7

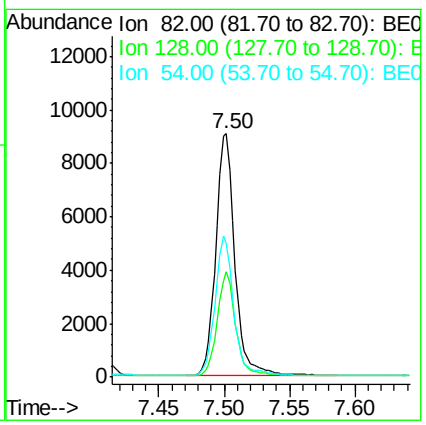


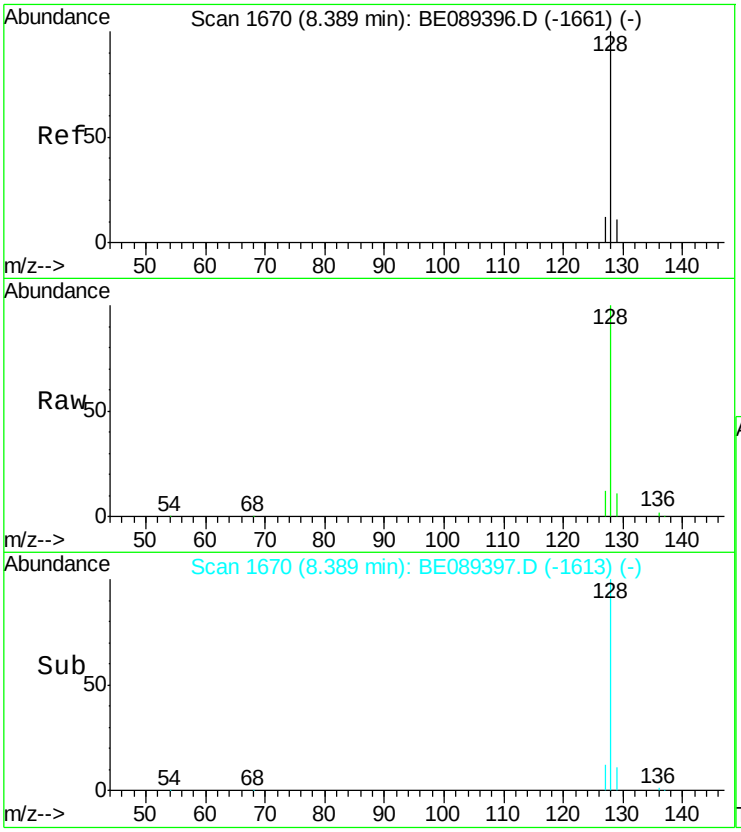


#4
Nitrobenzene-d5
Concen: 1.81 ng
RT: 7.50 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BE089397.D
Acq: 15 Jan 2015 17:27

Tgt Ion: 82 Resp: 9183

Ion	Ratio	Lower	Upper
82	100		
128	43.2	31.5	47.3
54	54.9	46.2	69.2



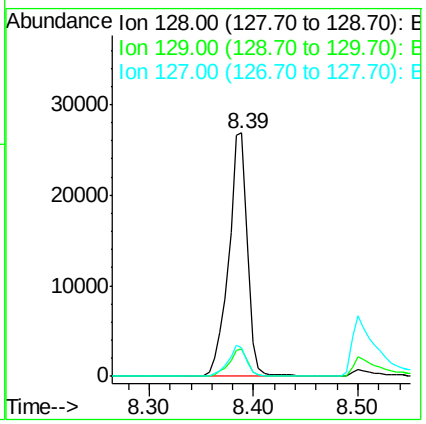


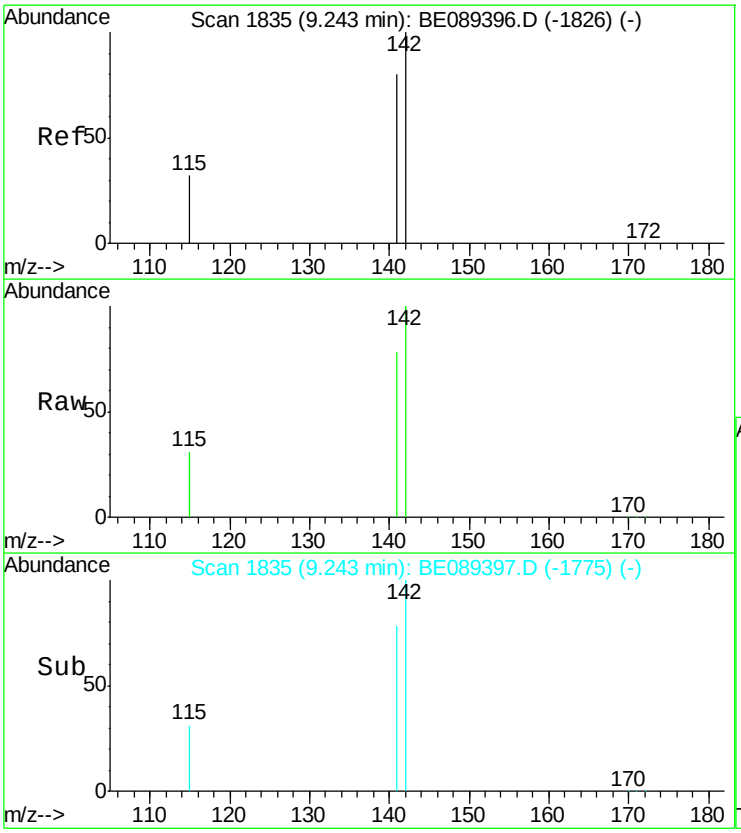
#5
Naphthalene
Concen: 1.92 ng
RT: 8.39 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE089397.D
Acq: 15 Jan 2015 17:27

Instrument :
BNA_M
LabSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 33132

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	11.9	9.6	14.4

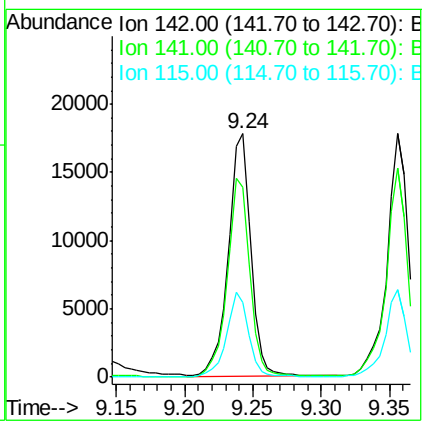


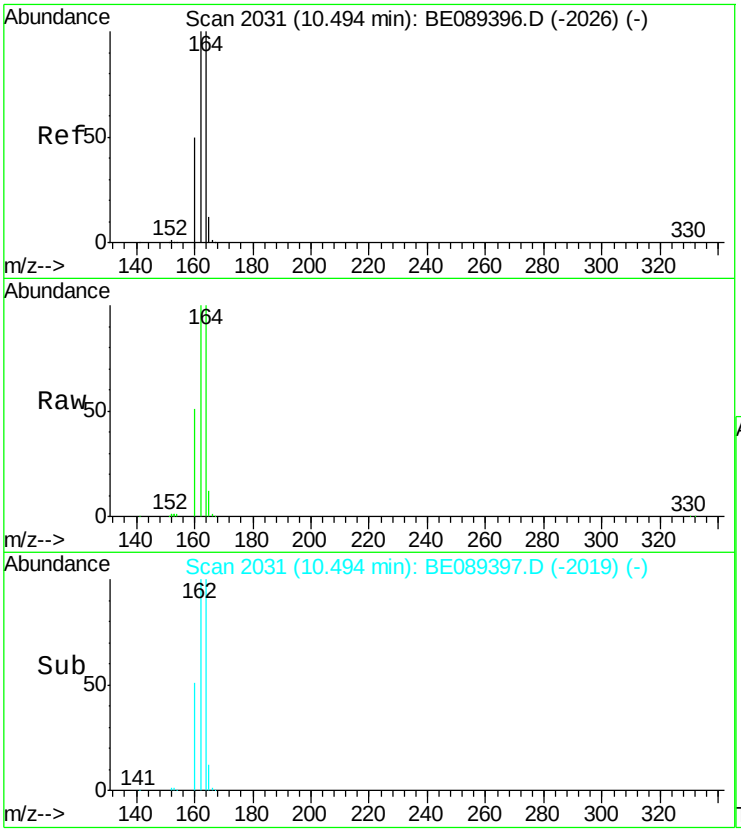


#6
2-Methylnaphthalene
Concen: 1.82 ng
RT: 9.24 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BE089397.D
Acq: 15 Jan 2015 17:27

Tgt Ion:142 Resp: 20175

Ion	Ratio	Lower	Upper
142	100		
141	78.0	63.7	95.5
115	30.8	25.4	38.0



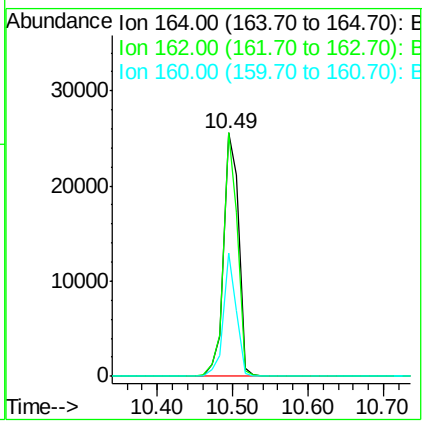


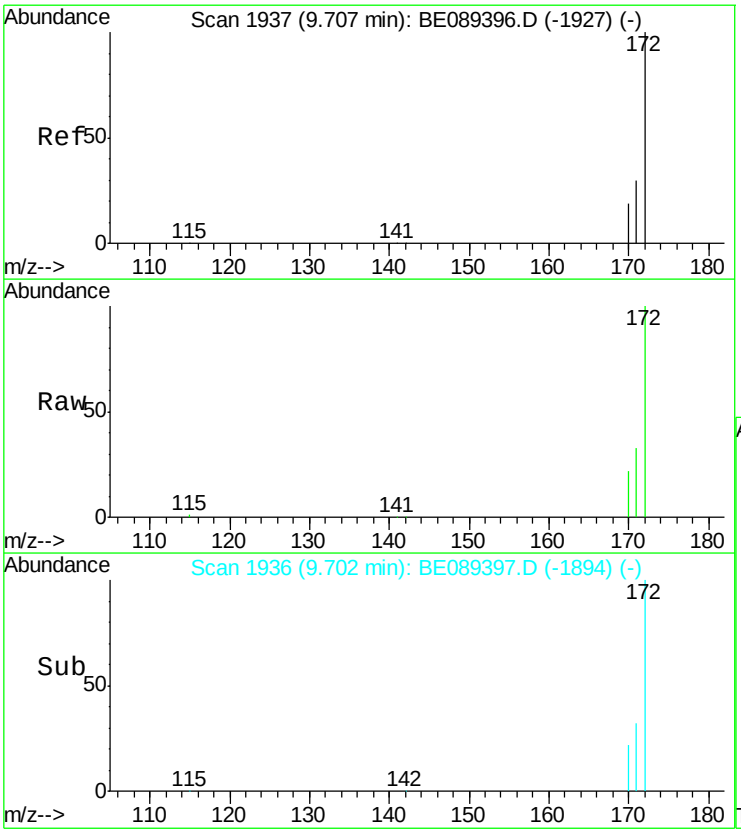
#7
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.49 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BE089397.D
Acq: 15 Jan 2015 17:27

Instrument :
BNA_M
LabSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 35060

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.2	120.4
160	50.8	40.1	60.1

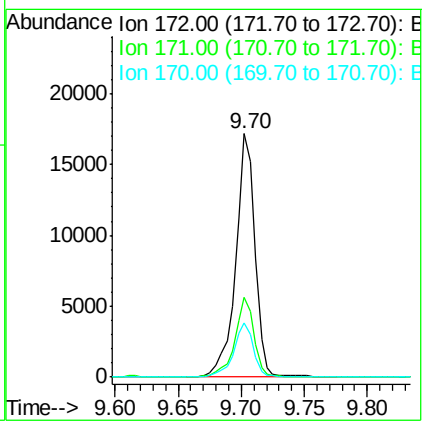


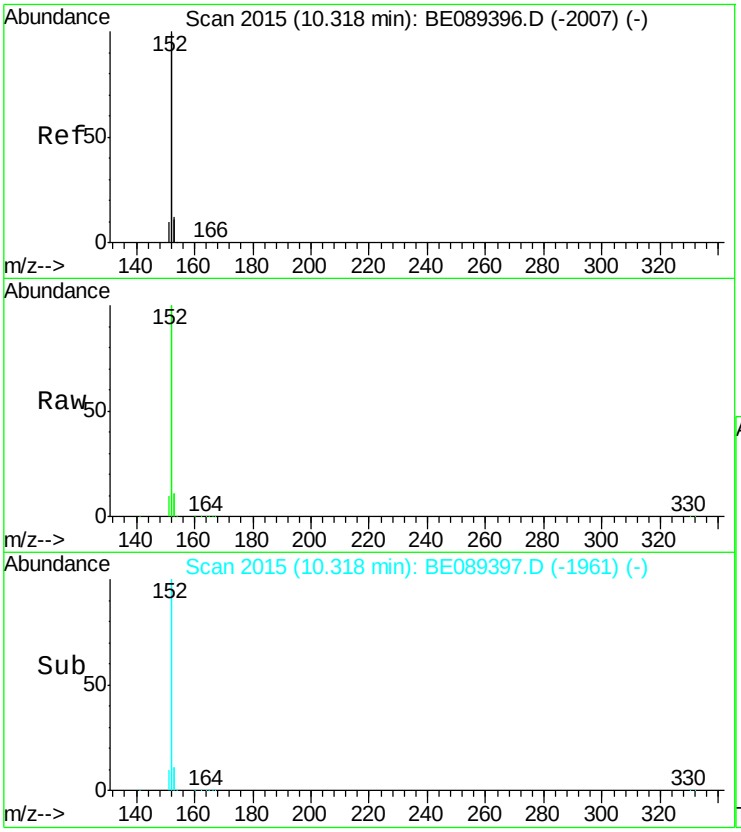


#8
2-Fluorobiphenyl
Concen: 1.88 ng
RT: 9.70 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BE089397.D
Acq: 15 Jan 2015 17:27

Tgt Ion:172 Resp: 17976

Ion	Ratio	Lower	Upper
172	100		
171	32.7	24.4	36.6
170	22.4	15.8	23.6



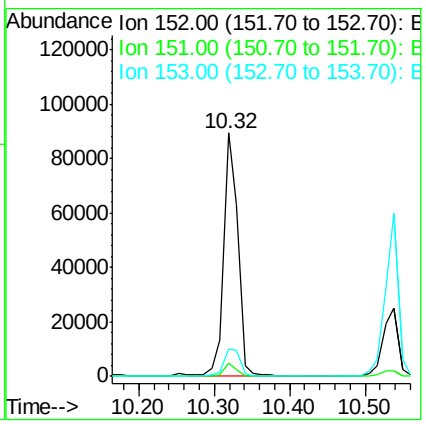


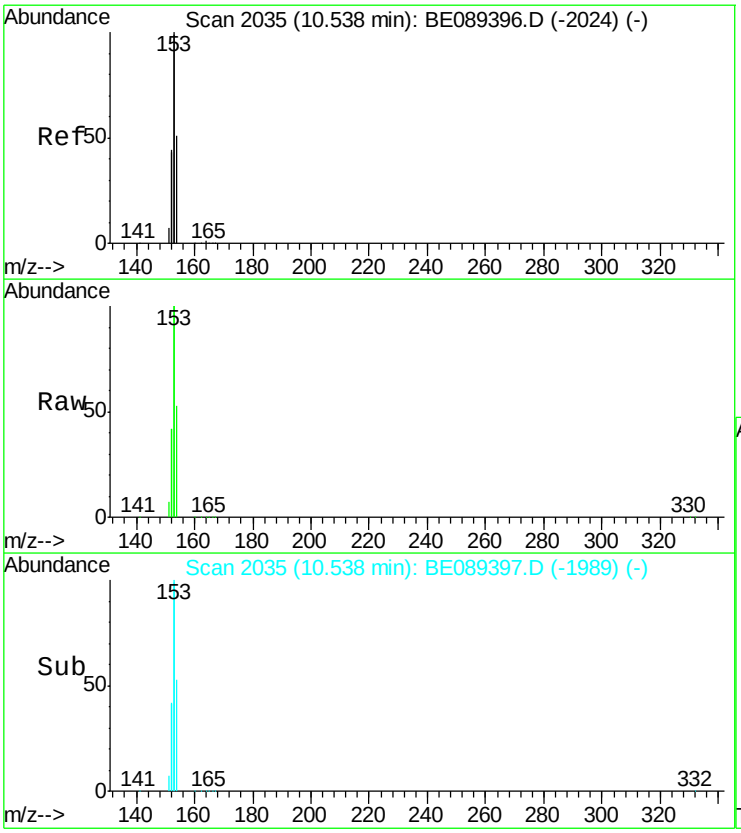
#9
Acenaphthylene
Concen: 1.95 ng
RT: 10.32 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BE089397.D
Acq: 15 Jan 2015 17:27

Instrument :
BNA_M
LabSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 114920

Ion	Ratio	Lower	Upper
152	100		
151	4.7	3.7	5.5
153	12.8	10.2	15.4

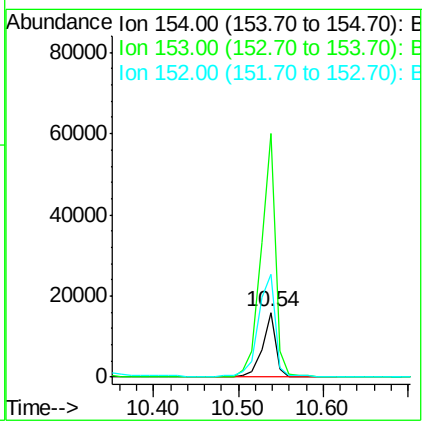


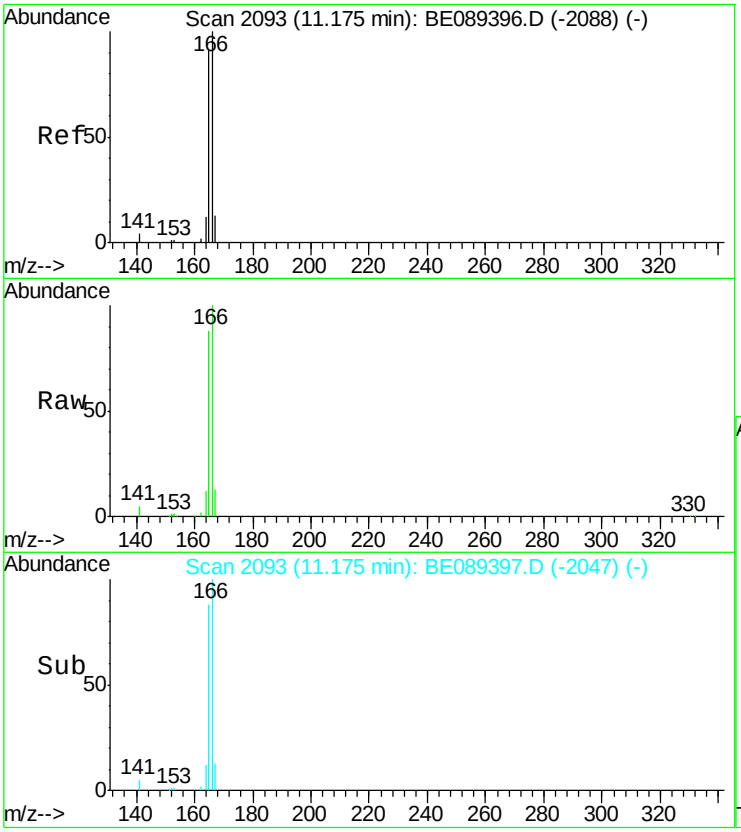


#10
Acenaphthene
Concen: 1.92 ng
RT: 10.54 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BE089397.D
Acq: 15 Jan 2015 17:27

Tgt Ion:154 Resp: 17481

Ion	Ratio	Lower	Upper
154	100		
153	407.3	327.0	490.4
152	195.5	162.2	243.4



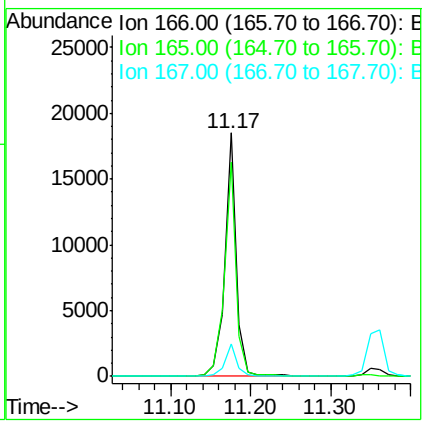


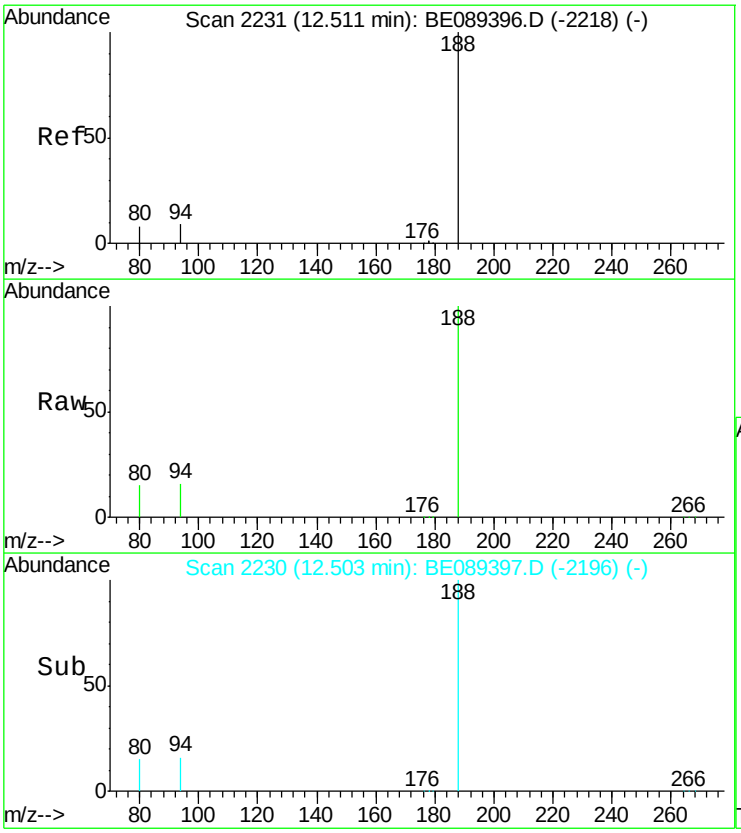
#11
Fluorene
Concen: 1.98 ng
RT: 11.17 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BE089397.D
Acq: 15 Jan 2015 17:27

Instrument :
BNA_M
LabSampleId :
SSTDICC0.1

Tgt Ion:166 Resp: 18811

Ion	Ratio	Lower	Upper
166	100		
165	89.4	72.5	108.7
167	13.3	10.7	16.1

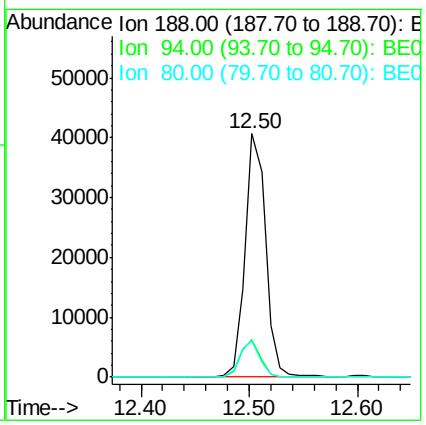


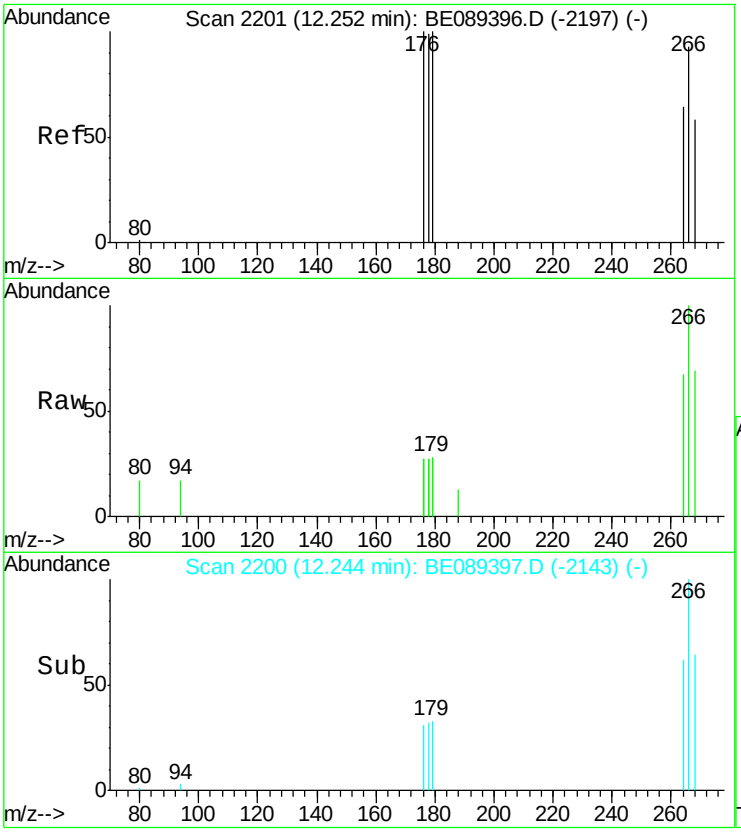


#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.50 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BE089397.D
Acq: 15 Jan 2015 17:27

Tgt Ion:188 Resp: 53190

Ion	Ratio	Lower	Upper
188	100		
94	15.7	7.6	11.4#
80	14.8	6.8	10.2#



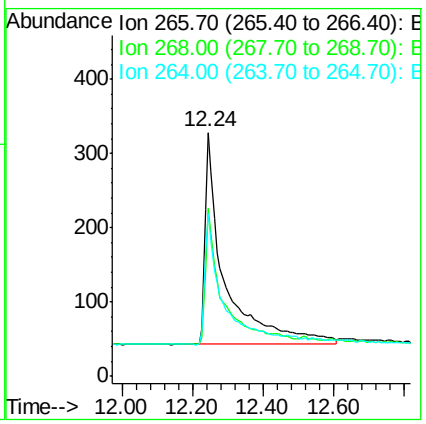


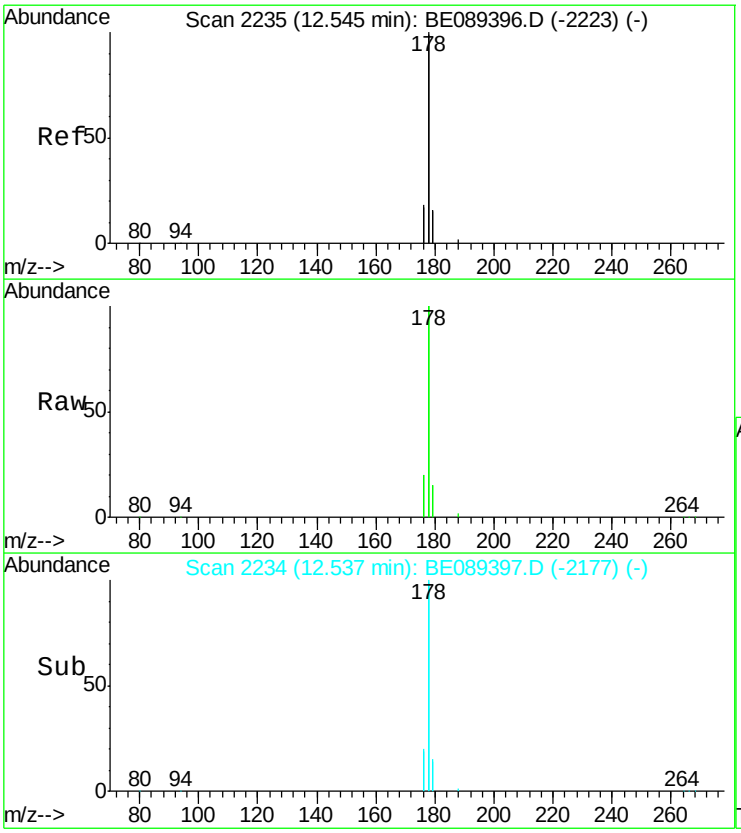
#13
Pentachlorophenol
Concen: 1.95 ng
RT: 12.24 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BE089397.D
Acq: 15 Jan 2015 17:27

Instrument :
BNA_M
LabSampleId :
SSTDICC0.1

Tgt Ion:266 Resp: 1111

Ion	Ratio	Lower	Upper
266	100		
268	68.9	60.5	90.7
264	67.1	63.6	95.4

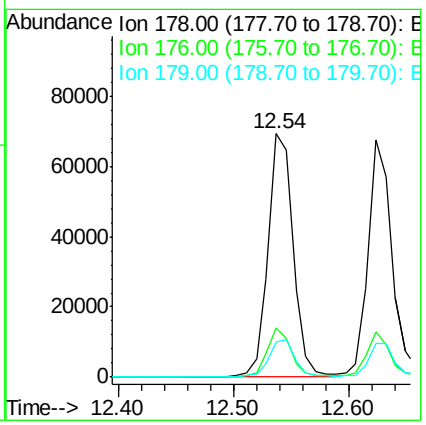


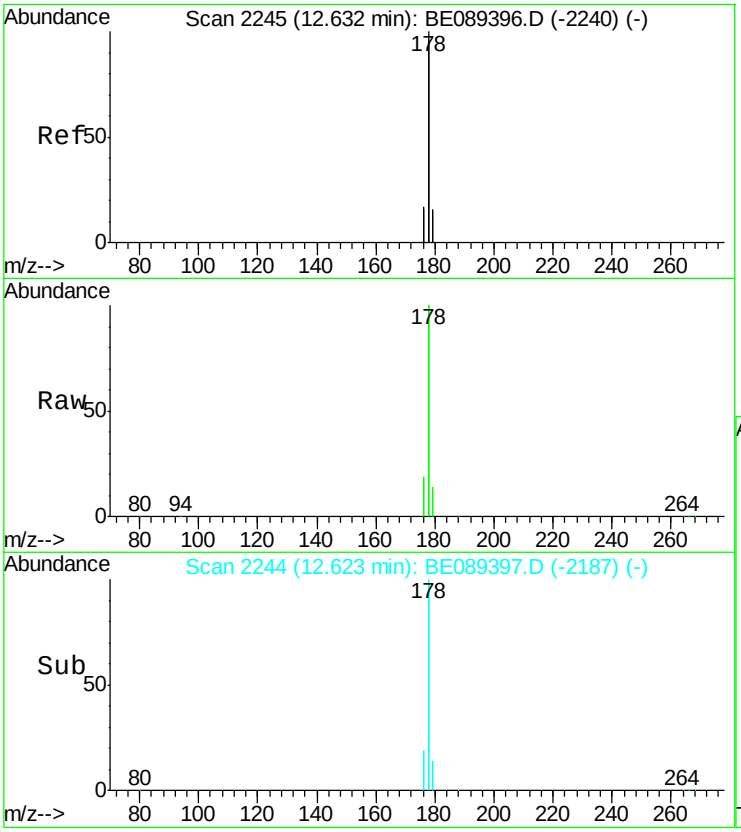


#14
Phenanthrene
Concen: 1.92 ng
RT: 12.54 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BE089397.D
Acq: 15 Jan 2015 17:27

Tgt Ion:178 Resp: 103921

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.3	12.3	18.5



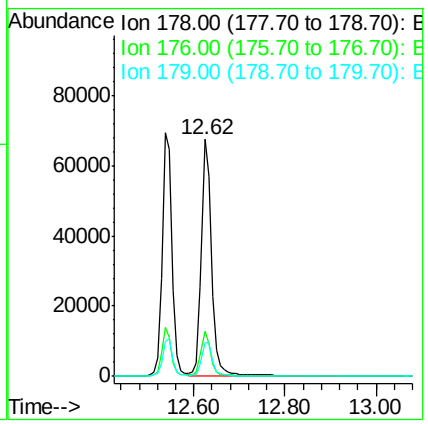


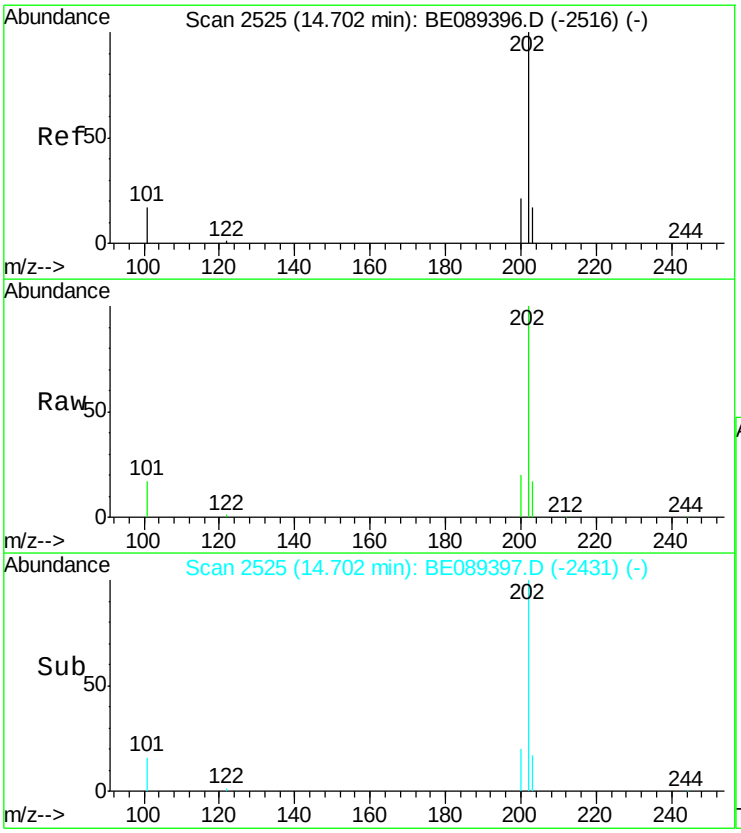
#15
Anthracene
Concen: 1.97 ng
RT: 12.62 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BE089397.D
Acq: 15 Jan 2015 17:27

Instrument :
BNA_M
LabSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 99988

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.4	21.6
179	15.1	12.0	18.0

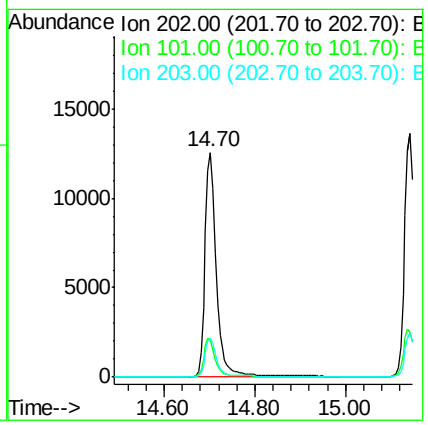


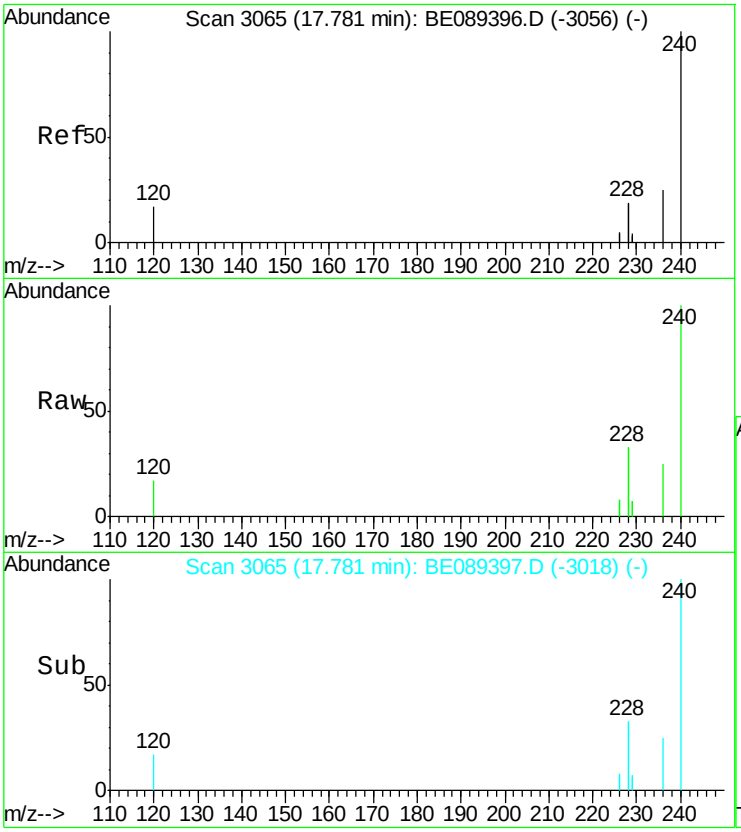


#16
Fluoranthene
Concen: 2.06 ng
RT: 14.70 min Scan# 2525
Delta R.T. 0.00 min
Lab File: BE089397.D
Acq: 15 Jan 2015 17:27

Tgt Ion:202 Resp: 21484

Ion	Ratio	Lower	Upper
202	100		
101	16.9	13.2	19.8
203	17.1	13.5	20.3



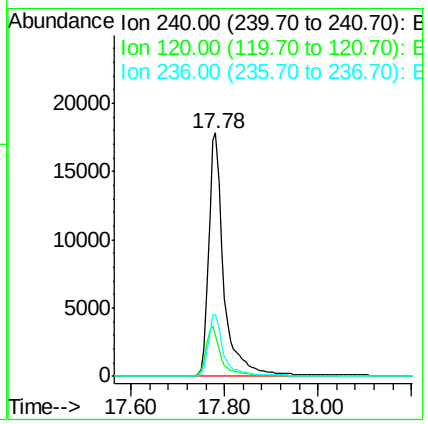


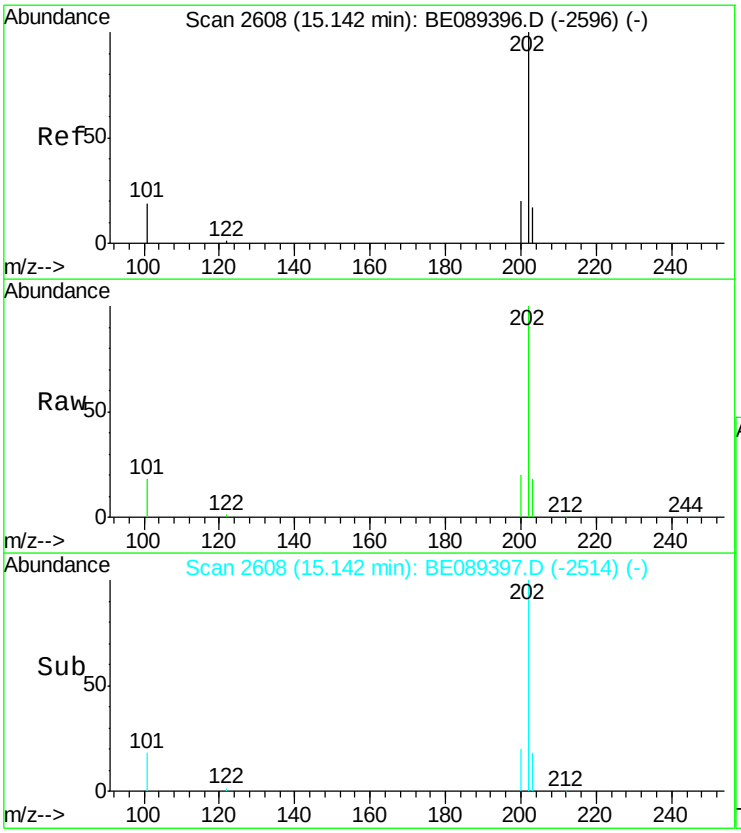
#17
Chrysene-d12
Concen: 5.00 ng
RT: 17.78 min Scan# 3065
Delta R.T. 0.00 min
Lab File: BE089397.D
Acq: 15 Jan 2015 17:27

Instrument :
BNA_M
LabSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 39610

Ion	Ratio	Lower	Upper
240	100		
120	17.0	14.2	21.2
236	25.2	20.6	30.8

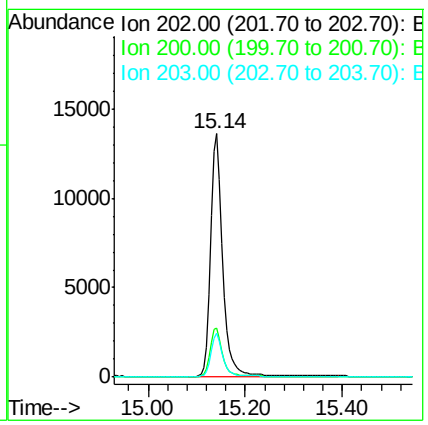


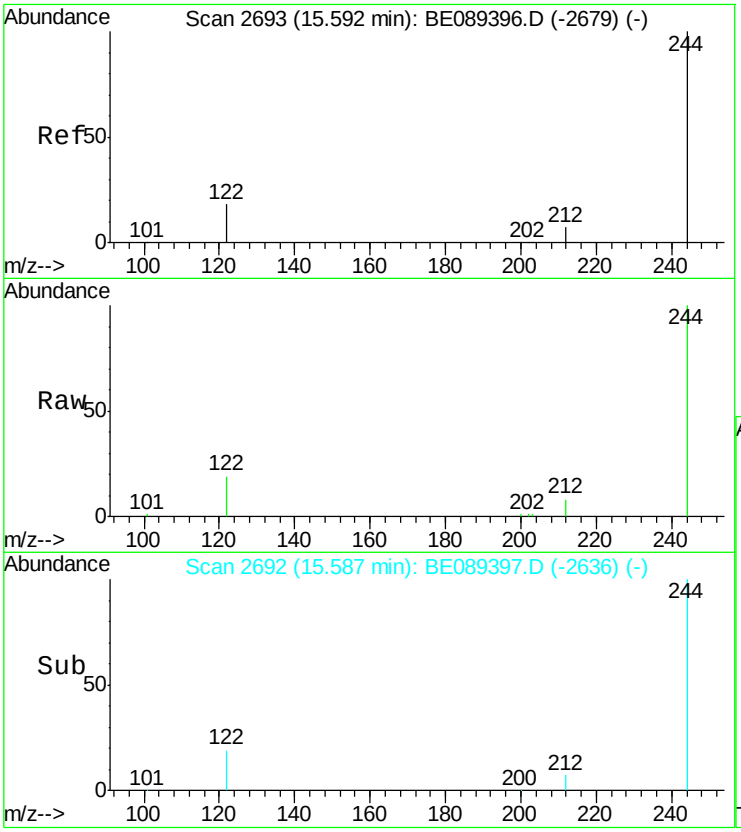


#18
Pyrene
Concen: 1.81 ng
RT: 15.14 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BE089397.D
Acq: 15 Jan 2015 17:27

Tgt Ion:202 Resp: 23325

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	17.5	13.7	20.5



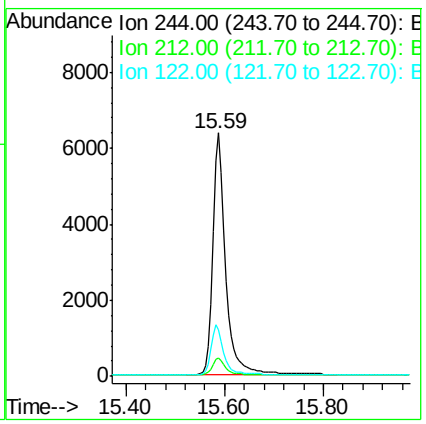


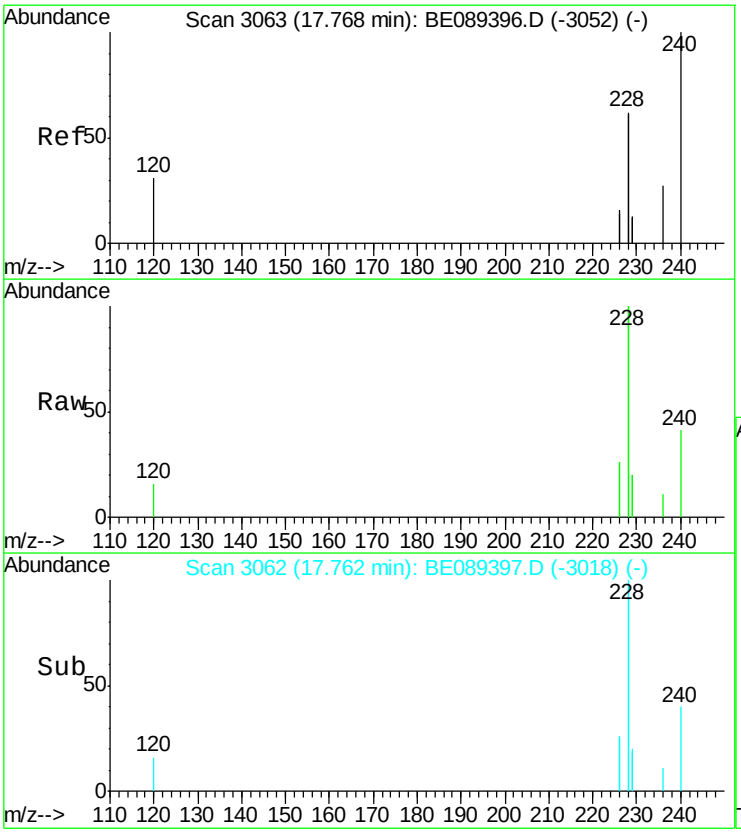
#19
Terphenyl-d14
Concen: 1.75 ng
RT: 15.59 min Scan# 2692
Delta R.T. -0.00 min
Lab File: BE089397.D
Acq: 15 Jan 2015 17:27

Instrument :
BNA_M
LabSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 11688

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.7	10.1
122	19.2	15.7	23.5

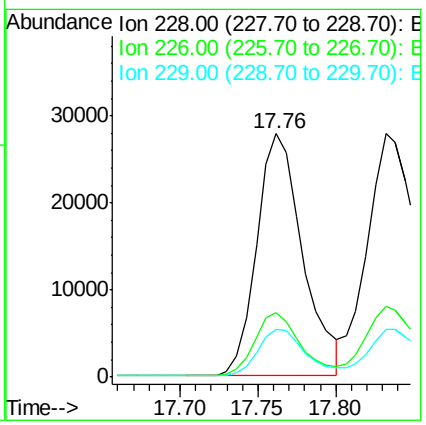


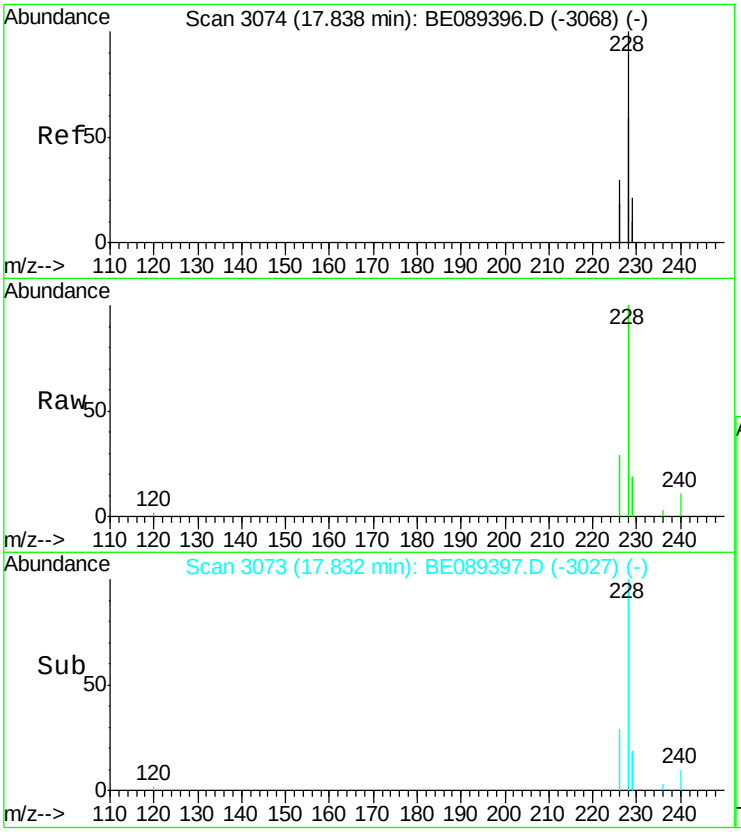


#20
Benzo(a)anthracene
Concen: 1.62 ng
RT: 17.76 min Scan# 3062
Delta R.T. -0.01 min
Lab File: BE089397.D
Acq: 15 Jan 2015 17:27

Tgt Ion:228 Resp: 56919

Ion	Ratio	Lower	Upper
228	100		
226	26.4	20.6	31.0
229	19.6	17.1	25.7



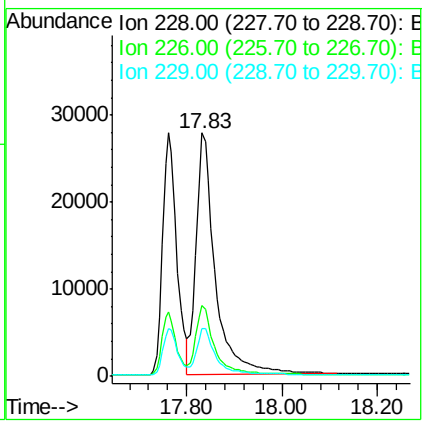


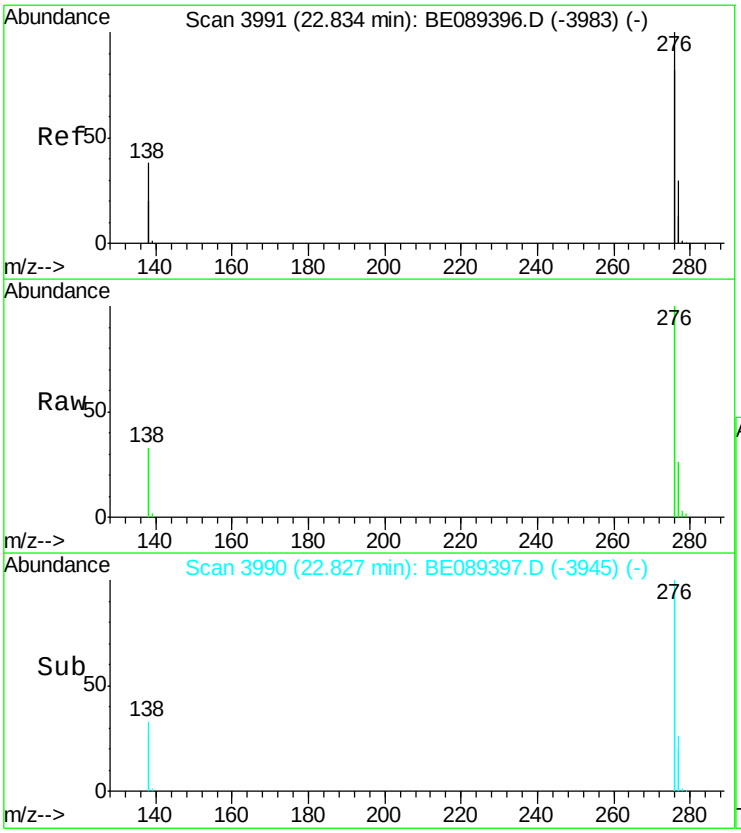
#21
Chrysene
Concen: 1.91 ng
RT: 17.83 min Scan# 3073
Delta R.T. -0.01 min
Lab File: BE089397.D
Acq: 15 Jan 2015 17:27

Instrument :
BNA_M
LabSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 76820

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.4
229	19.4	16.5	24.7

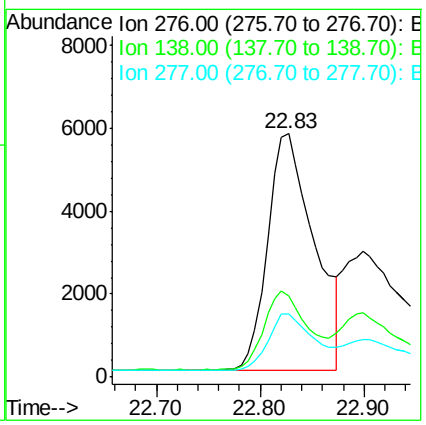


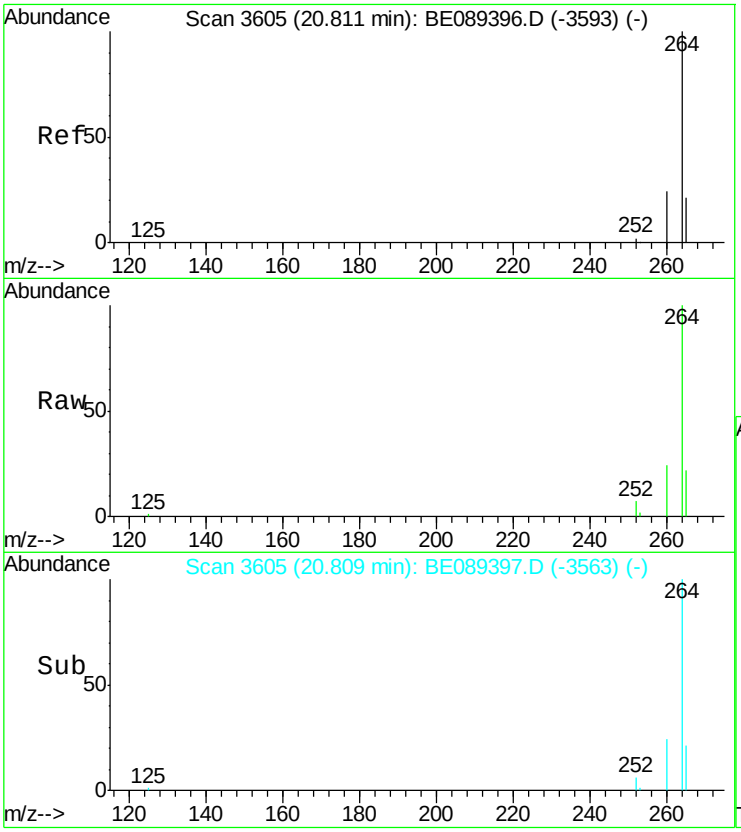


#22
Indeno(1,2,3-cd)pyrene
Concen: 0.74 ng
RT: 22.83 min Scan# 3990
Delta R.T. -0.01 min
Lab File: BE089397.D
Acq: 15 Jan 2015 17:27

Tgt Ion:276 Resp: 17745

Ion	Ratio	Lower	Upper
276	100		
138	32.0	15.0	22.6#
277	22.4	11.4	17.2#



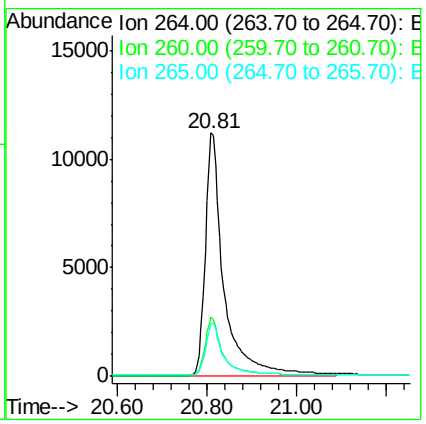


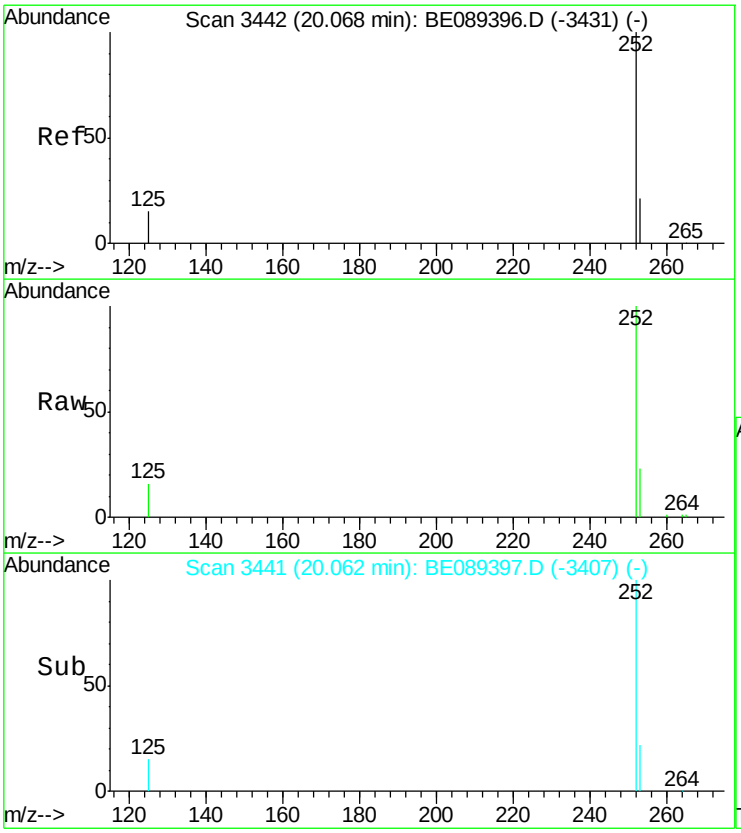
#23
Perylene-d12
Concen: 5.00 ng
RT: 20.81 min Scan# 3605
Delta R.T. -0.00 min
Lab File: BE089397.D
Acq: 15 Jan 2015 17:27

Instrument :
BNA_M
LabSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 31887

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	17.3	25.9

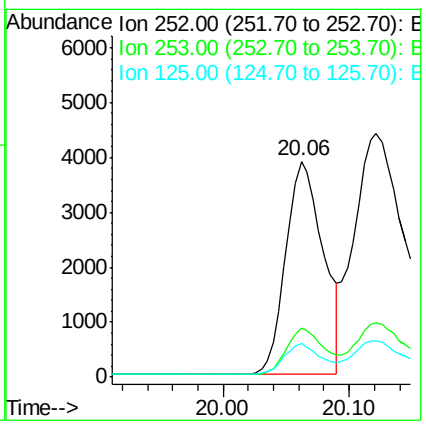


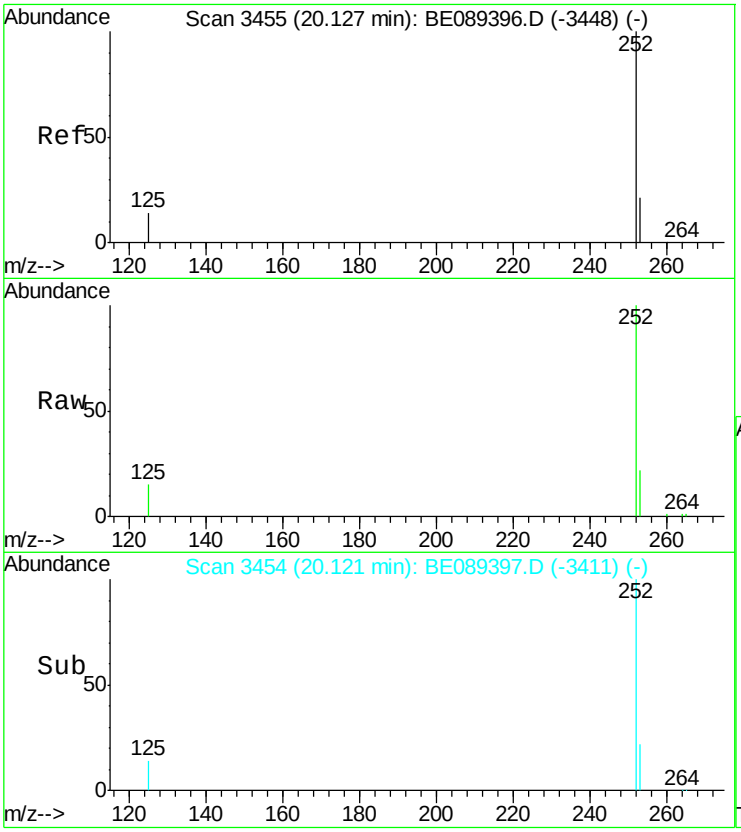


#24
Benzo(b)fluoranthene
Concen: 1.44 ng
RT: 20.06 min Scan# 3441
Delta R.T. -0.01 min
Lab File: BE089397.D
Acq: 15 Jan 2015 17:27

Tgt Ion:252 Resp: 8049

Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.1	28.7
125	15.6	14.5	21.7



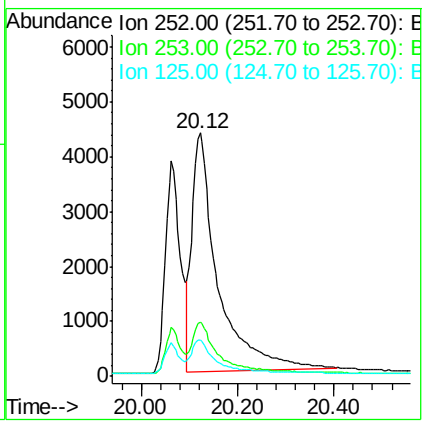


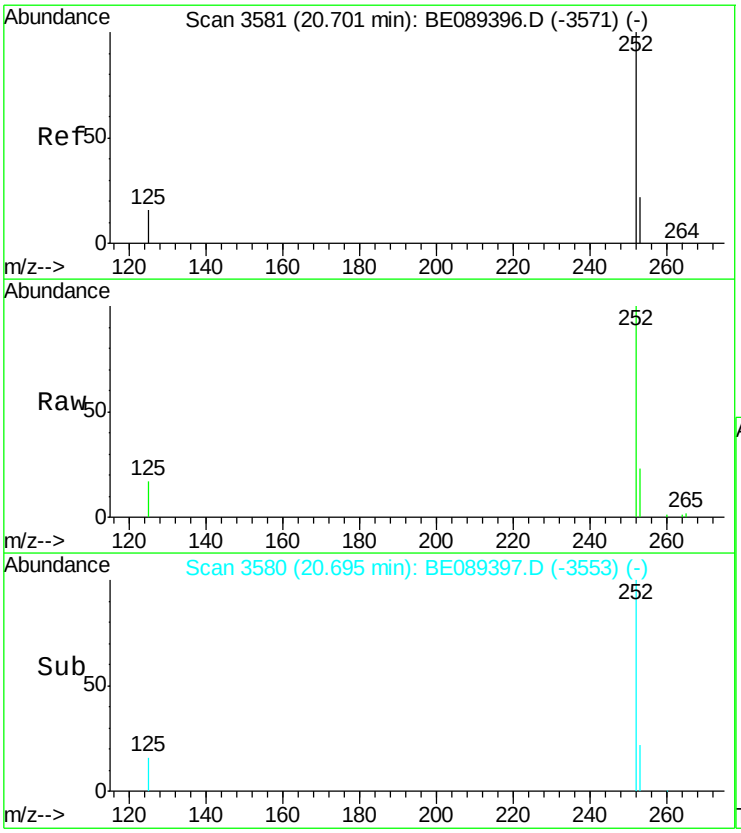
#25
Benzo(k)fluoranthene
Concen: 1.86 ng
RT: 20.12 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BE089397.D
Acq: 15 Jan 2015 17:27

Instrument :
BNA_M
LabSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 16135

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.7	28.1
125	15.0	13.1	19.7

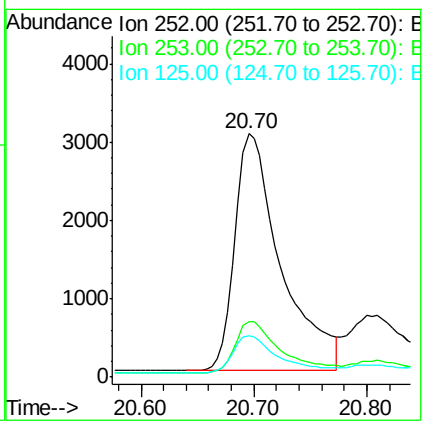


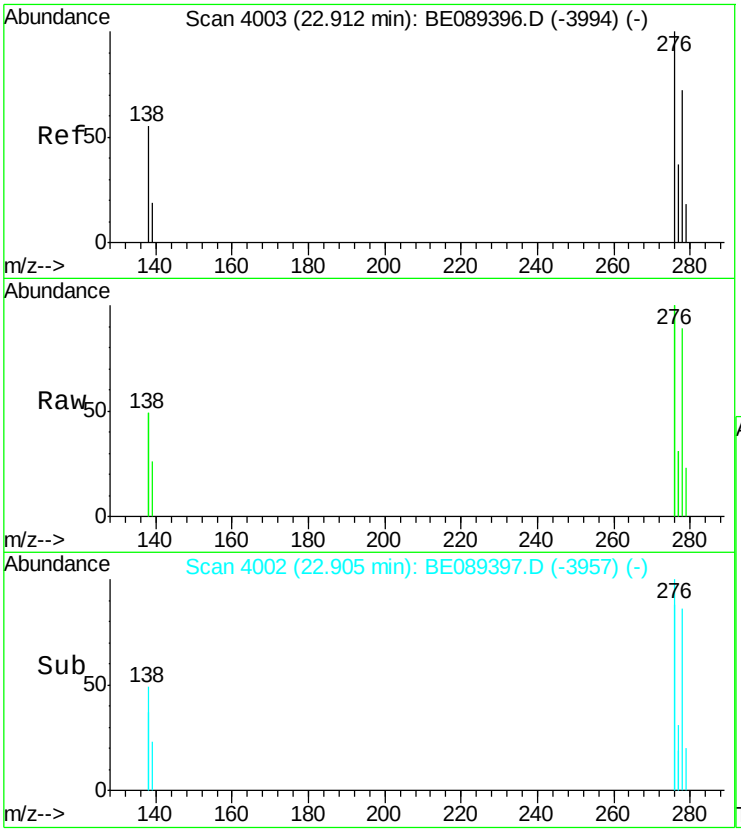


#26
Benzo(a)pyrene
Concen: 1.55 ng
RT: 20.70 min Scan# 3580
Delta R.T. -0.01 min
Lab File: BE089397.D
Acq: 15 Jan 2015 17:27

Tgt Ion:252 Resp: 8449

Ion	Ratio	Lower	Upper
252	100		
253	22.7	20.0	30.0
125	17.1	15.4	23.2



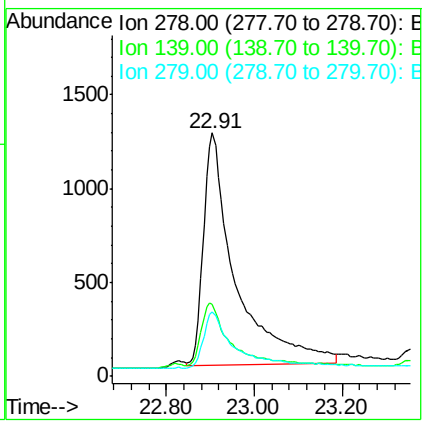


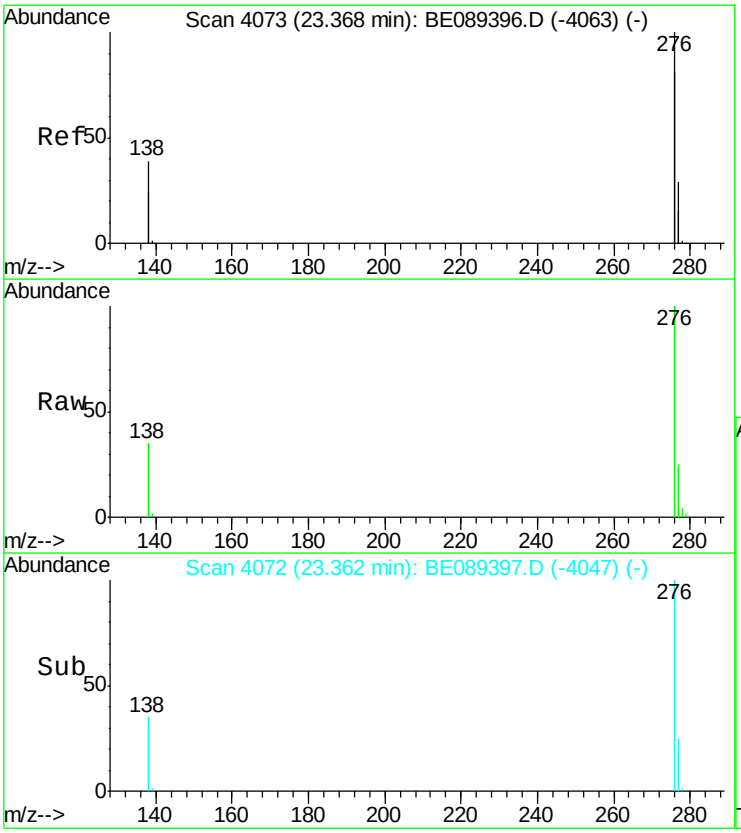
#27
Dibenzo(a,h)anthracene
Concen: 1.44 ng
RT: 22.91 min Scan# 4002
Delta R.T. -0.01 min
Lab File: BE089397.D
Acq: 15 Jan 2015 17:27

Instrument :
BNA_M
LabSampleId :
SSTDICC0.1

Tgt Ion:278 Resp: 6235

Ion	Ratio	Lower	Upper
278	100		
139	29.7	26.8	40.2
279	26.4	25.4	38.0





#28
Benzo(g,h,i)perylene
Concen: 1.57 ng
RT: 23.36 min Scan# 4072
Delta R.T. -0.01 min
Lab File: BE089397.D
Acq: 15 Jan 2015 17:27

Tgt Ion:276 Resp: 39539

Ion	Ratio	Lower	Upper
276	100		
277	25.2	22.9	34.3
138	34.8	31.2	46.8