Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011515\
Data File : BE089392.D
Acq On : 15 Jan 2015 14:39
Operator : TP/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
LabSampleId : SSTDICC0.2

Quant Time: Jan 16 05:28:26 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	18851	5.00	ng		0.00
3) Naphthalene-d8	8.36	136	72049	5.00	ng		0.00
7) Acenaphthene-d10	10.49	164	32802	5.00	ng		0.00
12) Phenanthrene-d10	12.50	188	50790	5.00	ng		0.00
17) Chrysene-d12	17.78	240	32348	5.00	ng		0.00
23) Perylene-d12	20.81	264	23721	5.00	ng		0.00
System Monitoring Compounds							
4) Nitrobenzene-d5	7.52	82	172	0.04	ng		0.02
8) 2-Fluorobiphenyl	9.71	172	773	0.09	ng		0.00
19) Terphenyl-d14	15.59	244	355	0.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.05	88	212	0.08	ng	#	76
5) Naphthalene	8.39	128	1493	0.09	ng	#	90
6) 2-Methylnaphthalene	9.25	142	821	0.08	ng	#	92
9) Acenaphthylene	10.33	152	4280	0.08	ng		98
10) Acenaphthene	10.54	154	857	0.10	ng		88
11) Fluorene	11.18	166	745	0.08	ng		98
14) Phenanthrene	12.64	178	3226	0.06	ng		99
15) Anthracene	12.64	178	3226	0.07	ng		100
16) Fluoranthene	14.72	202	663	0.07	ng		99
18) Pyrene	15.16	202	697	0.07	ng		99
20) Benzo(a)anthracene	17.77	228	1811	0.06	ng	#	76
21) Chrysene	17.84	228	2902	0.09	ng	#	77
24) Benzo(b)fluoranthene	20.09	252	133	0.03	ng	#	28
25) Benzo(k)fluoranthene	20.14	252	211	0.03	ng	#	22
26) Benzo(a)pyrene	20.71	252	124	0.03	ng	#	27
27) Dibenzo(a,h)anthracene	22.93	278	76	0.02	ng	#	12
28) Benzo(g,h,i)perylene	23.41	276	589	0.03	ng	#	34

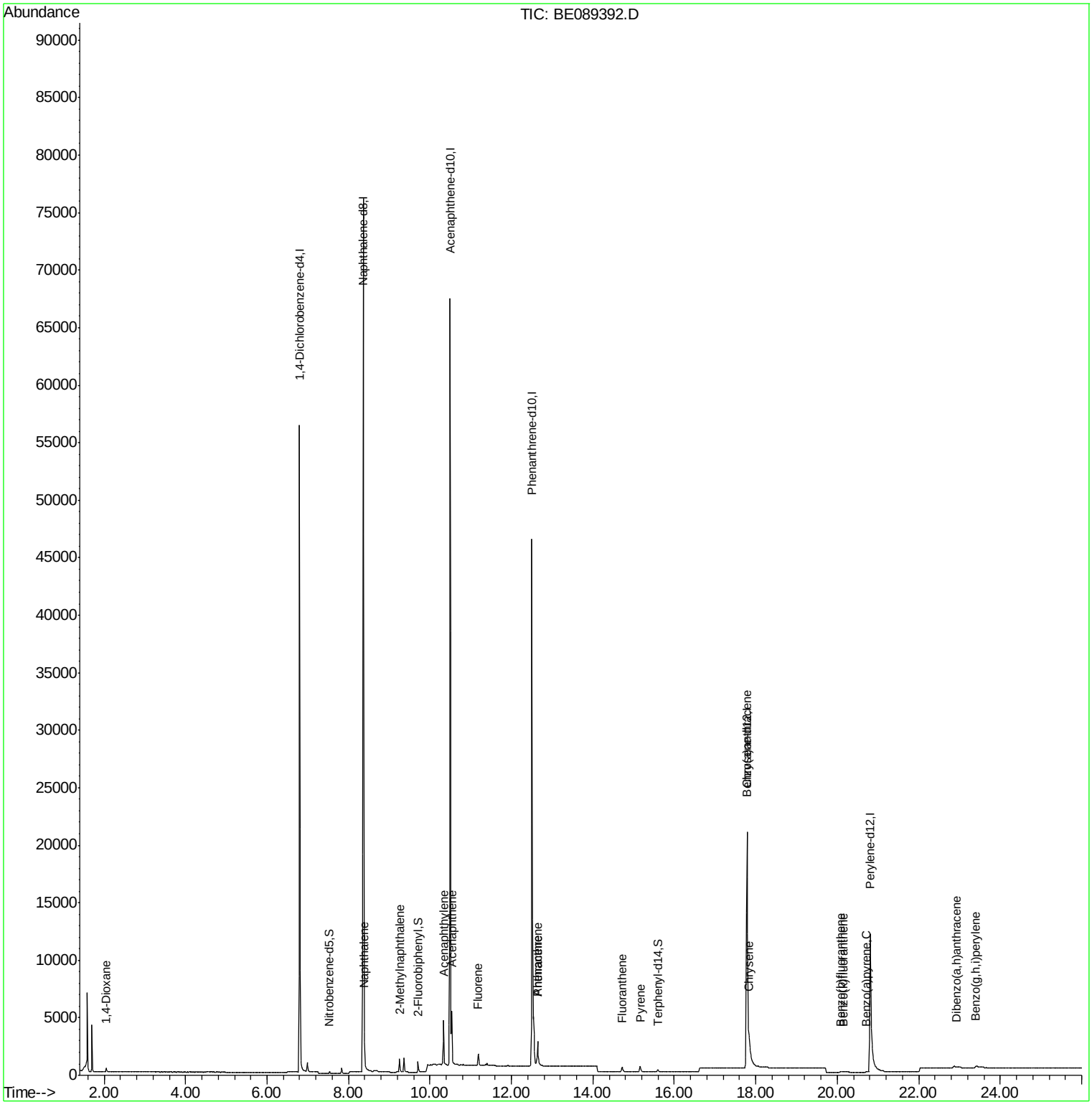
(#) = qualifier out of range (m) = manual integration (+) = signals summed

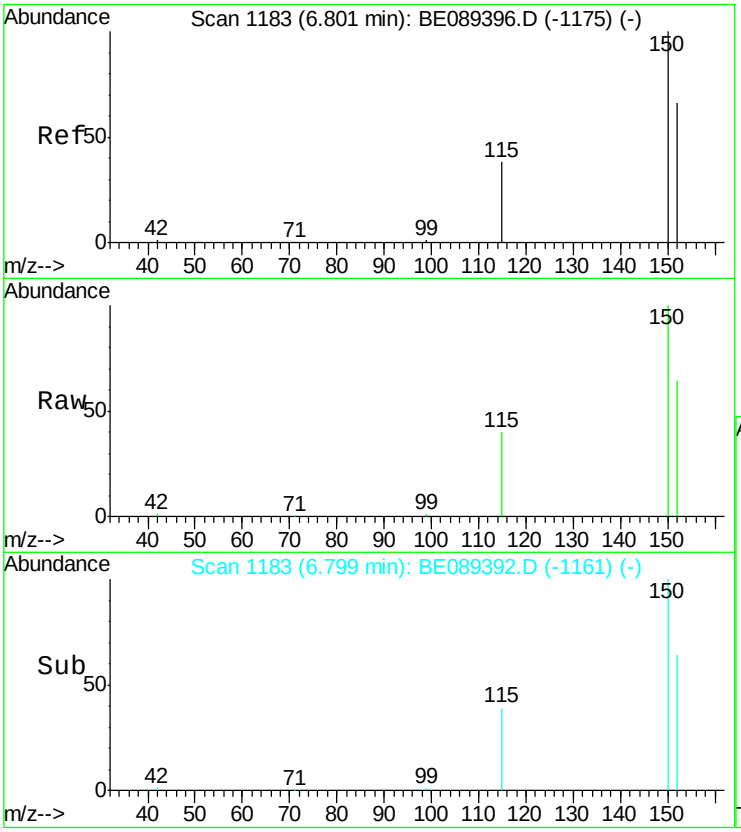
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011515\
Data File : BE089392.D
Acq On : 15 Jan 2015 14:39
Operator : TP/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDICC0.2

Quant Time: Jan 16 05:28:26 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



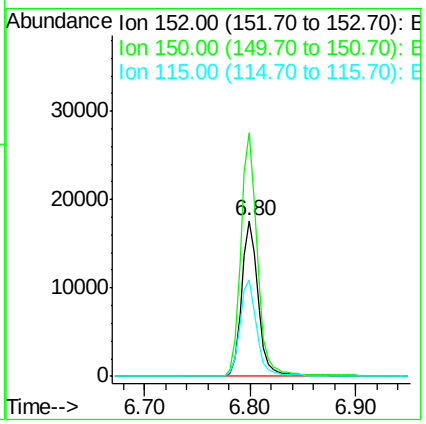


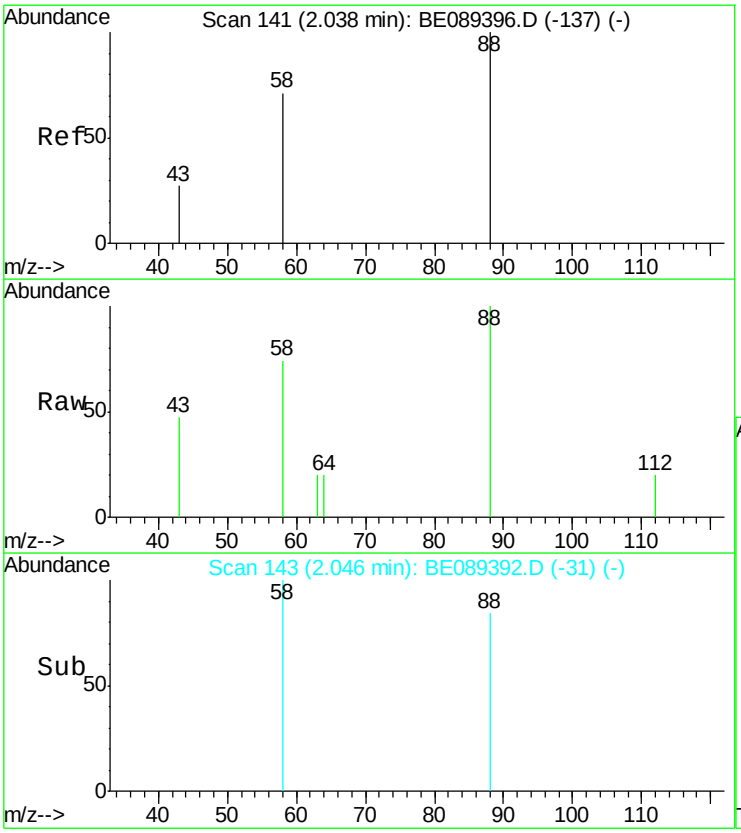
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.80 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE089392.D
Acq: 15 Jan 2015 14:39

Instrument :
BNA_M
LabSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 18851

Ion	Ratio	Lower	Upper
152	100		
150	156.6	121.9	182.9
115	61.9	47.0	70.6

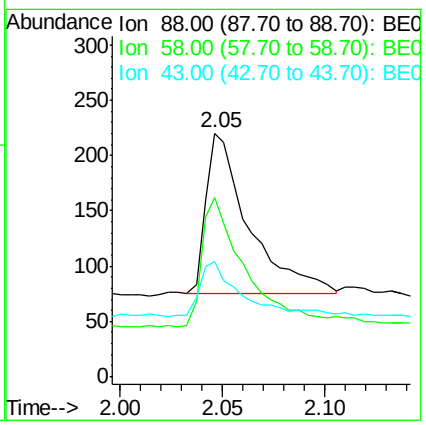


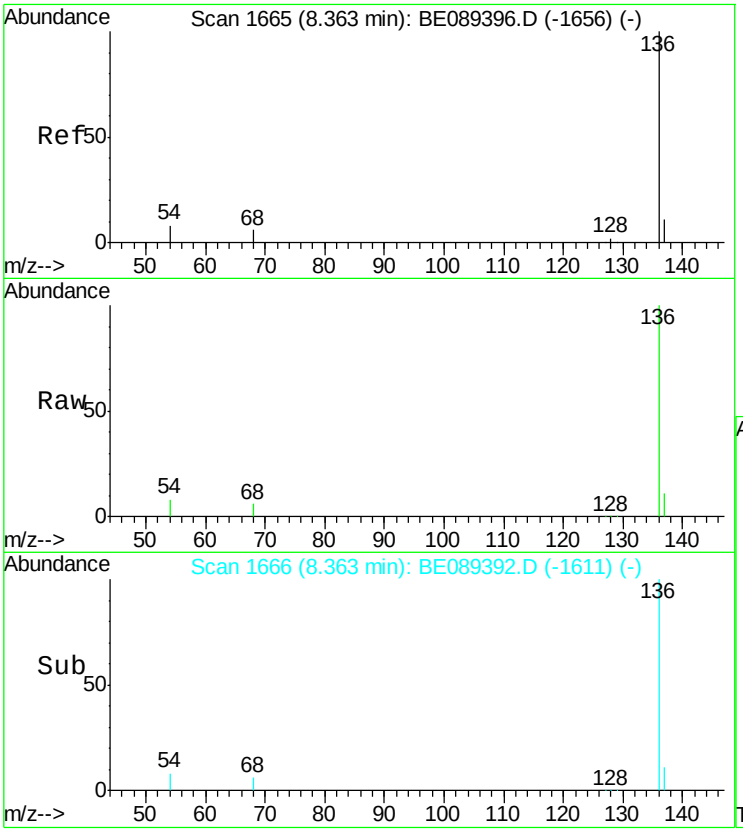


#2
1,4-Dioxane
Concen: 0.08 ng
RT: 2.05 min Scan# 143
Delta R.T. 0.01 min
Lab File: BE089392.D
Acq: 15 Jan 2015 14:39

Tgt Ion: 88 Resp: 212

Ion	Ratio	Lower	Upper
88	100		
58	90.1	64.6	96.8
43	0.0	25.7	38.5#



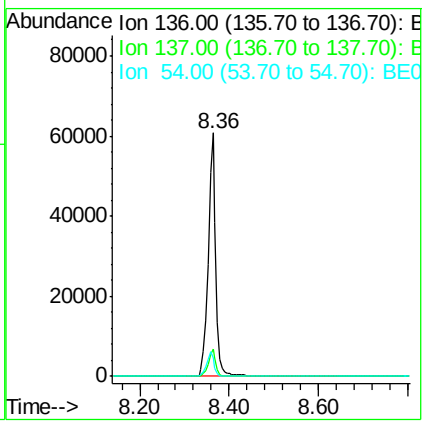


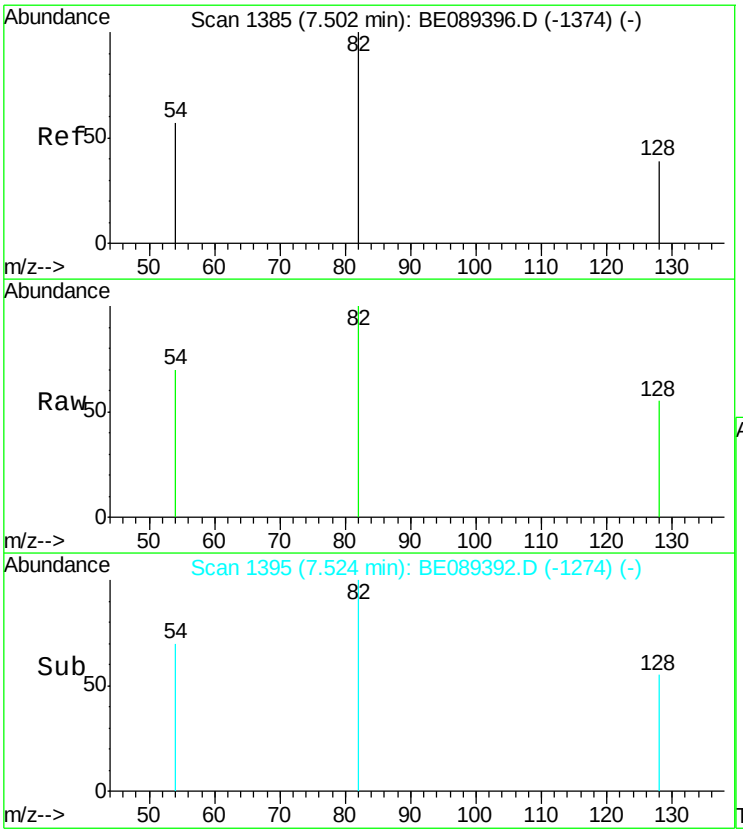
#3
Naphthalene-d8
Concen: 5.00 ng
RT: 8.36 min Scan# 1666
Delta R.T. 0.00 min
Lab File: BE089392.D
Acq: 15 Jan 2015 14:39

Instrument :
BNA_M
LabSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 72049

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.7	6.5	9.7

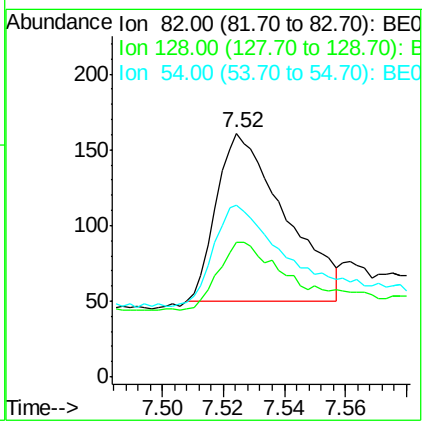


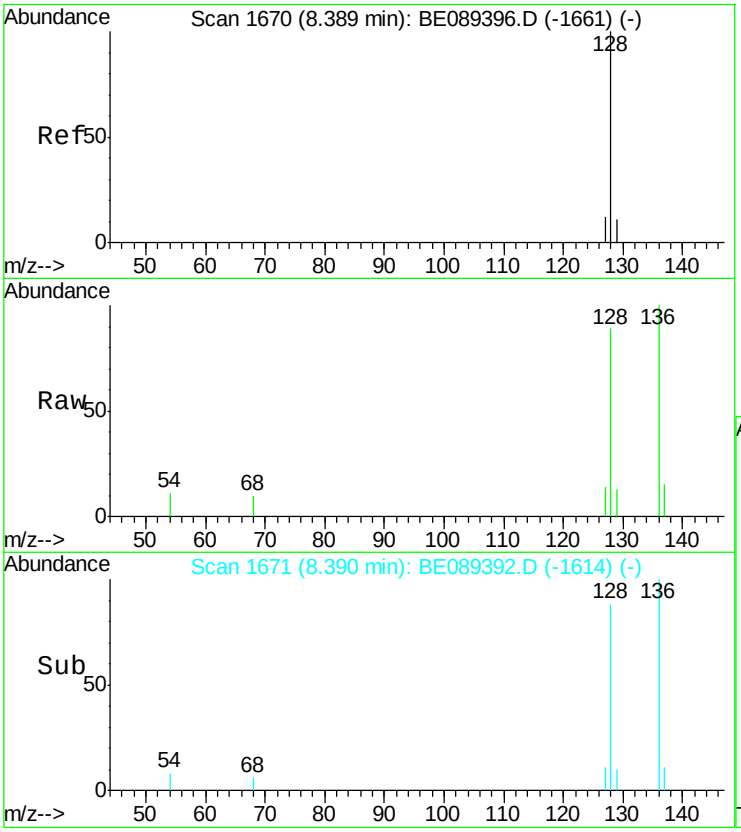


#4
Nitrobenzene-d5
Concen: 0.04 ng
RT: 7.52 min Scan# 1395
Delta R.T. 0.02 min
Lab File: BE089392.D
Acq: 15 Jan 2015 14:39

Tgt Ion: 82 Resp: 172

Ion	Ratio	Lower	Upper
82	100		
128	55.3	31.5	47.3#
54	70.2	46.2	69.2#



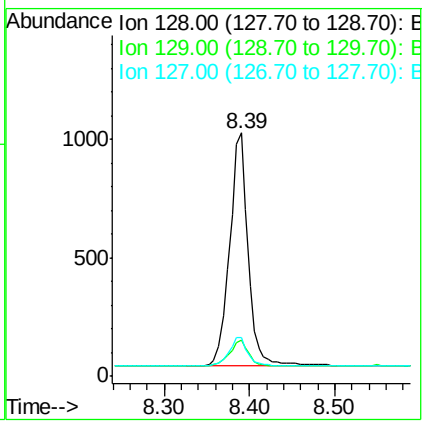


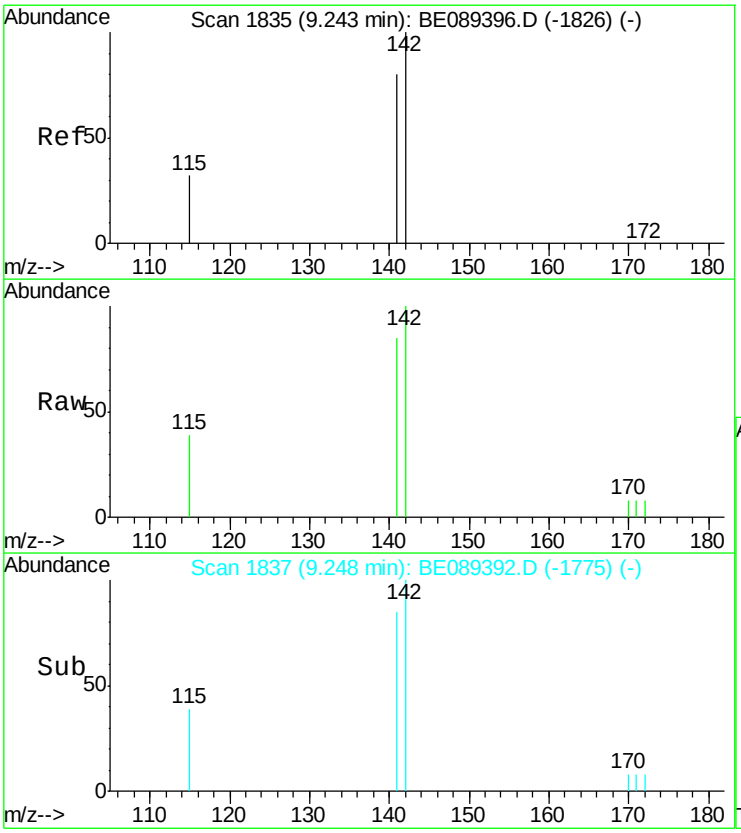
#5
Naphthalene
Concen: 0.09 ng
RT: 8.39 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE089392.D
Acq: 15 Jan 2015 14:39

Instrument :
BNA_M
LabSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 1493

Ion	Ratio	Lower	Upper
128	100		
129	15.1	9.0	13.6#
127	15.7	9.6	14.4#

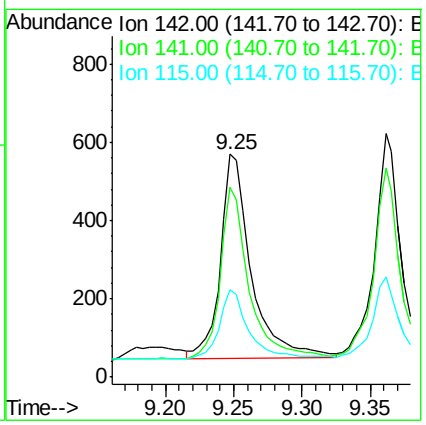


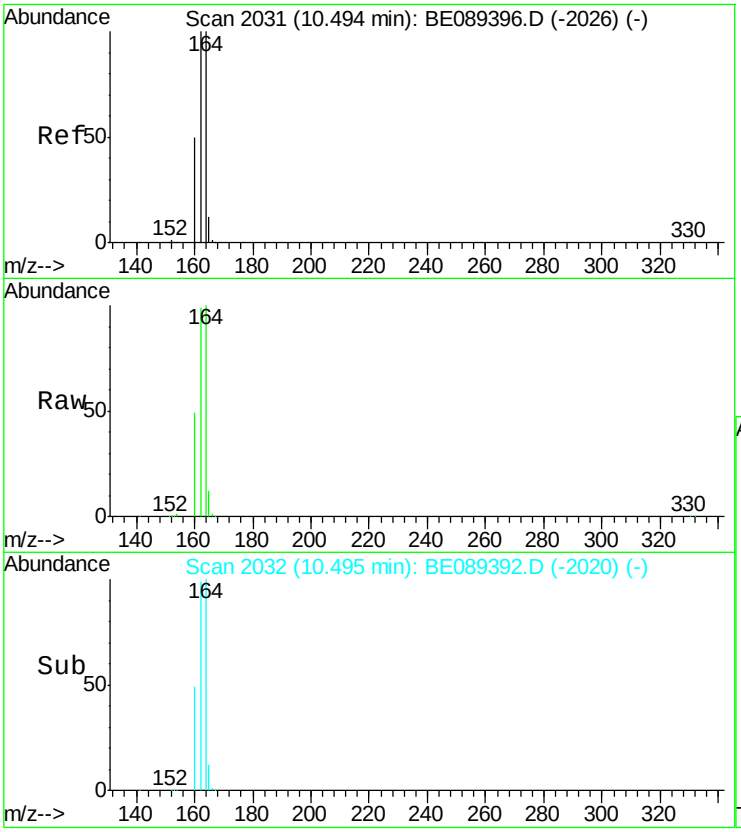


#6
2-Methylnaphthalene
Concen: 0.08 ng
RT: 9.25 min Scan# 1837
Delta R.T. 0.01 min
Lab File: BE089392.D
Acq: 15 Jan 2015 14:39

Tgt Ion:142 Resp: 821

Ion	Ratio	Lower	Upper
142	100		
141	85.1	63.7	95.5
115	39.4	25.4	38.0#



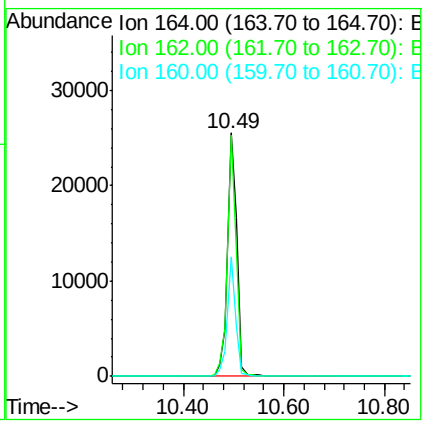


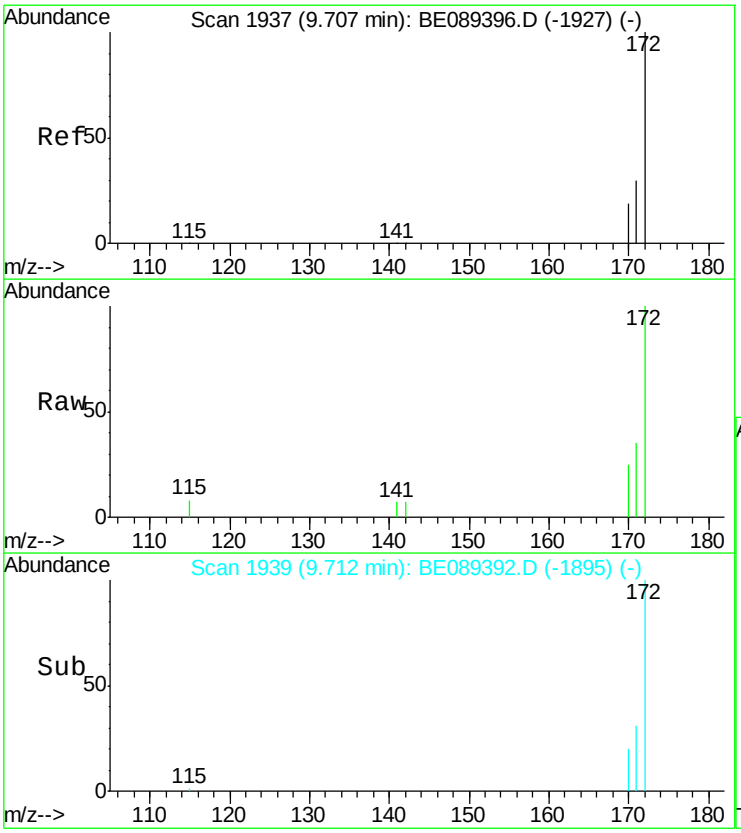
#7
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.49 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BE089392.D
Acq: 15 Jan 2015 14:39

Instrument :
BNA_M
LabSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 32802

Ion	Ratio	Lower	Upper
164	100		
162	99.0	80.2	120.4
160	48.8	40.1	60.1

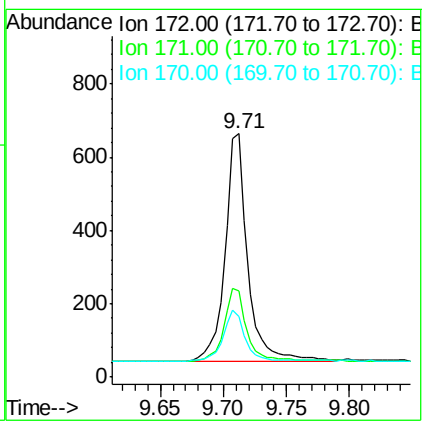


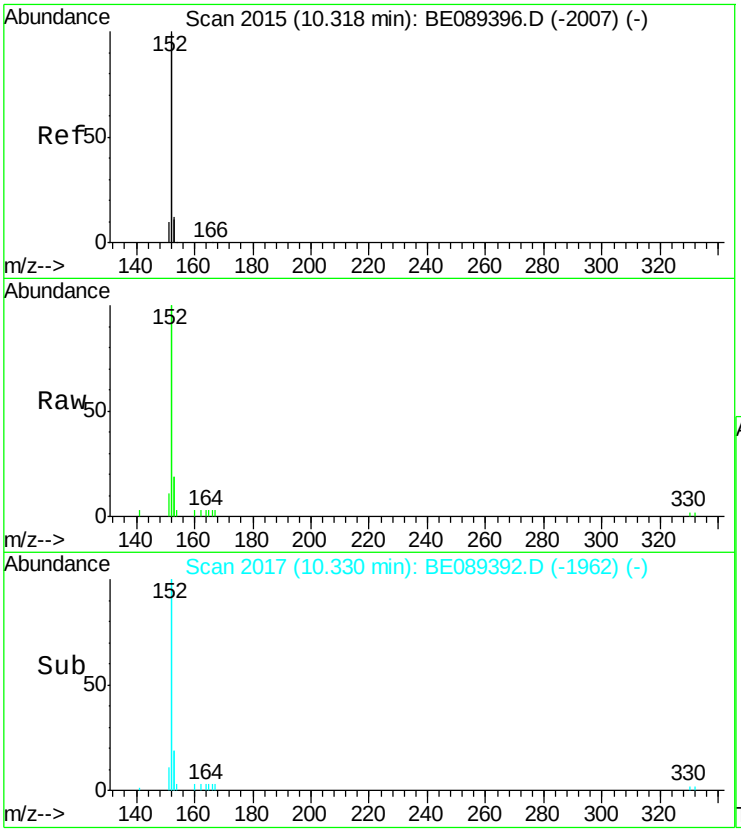


#8
2-Fluorobiphenyl
Concen: 0.09 ng
RT: 9.71 min Scan# 1939
Delta R.T. 0.01 min
Lab File: BE089392.D
Acq: 15 Jan 2015 14:39

Tgt Ion:172 Resp: 773

Ion	Ratio	Lower	Upper
172	100		
171	35.4	24.4	36.6
170	25.0	15.8	23.6#



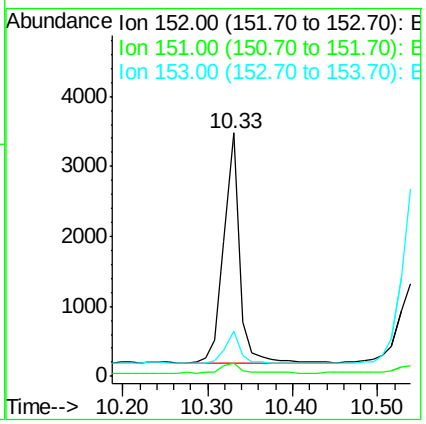


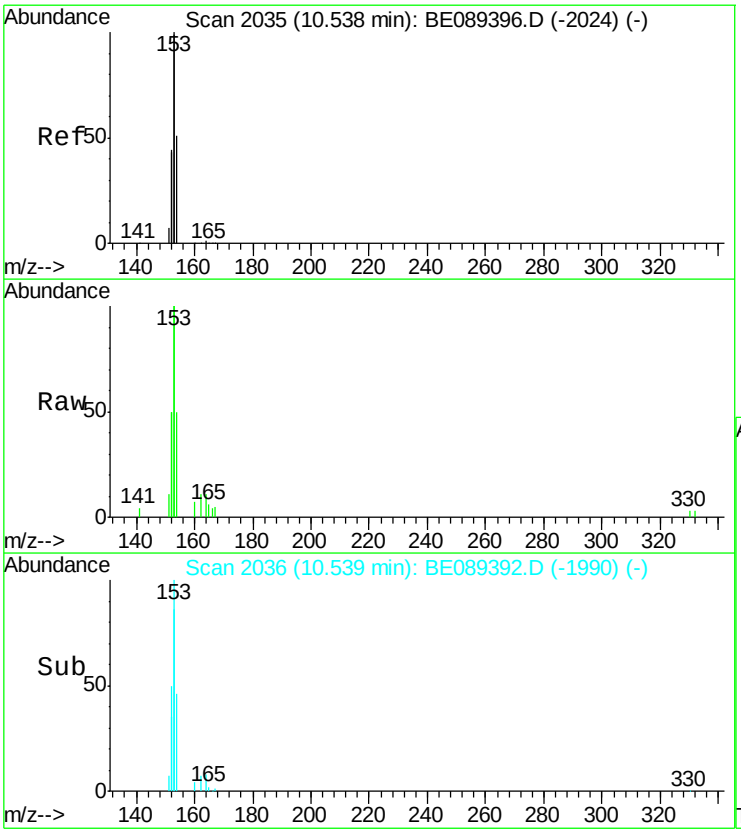
#9
Acenaphthylene
Concen: 0.08 ng
RT: 10.33 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BE089392.D
Acq: 15 Jan 2015 14:39

Instrument :
BNA_M
LabSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 4280

Ion	Ratio	Lower	Upper
152	100		
151	4.6	3.7	5.5
153	13.7	10.2	15.4

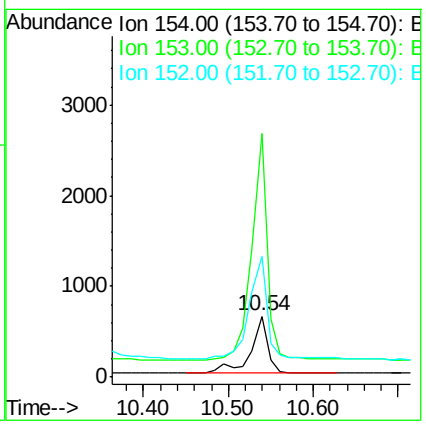


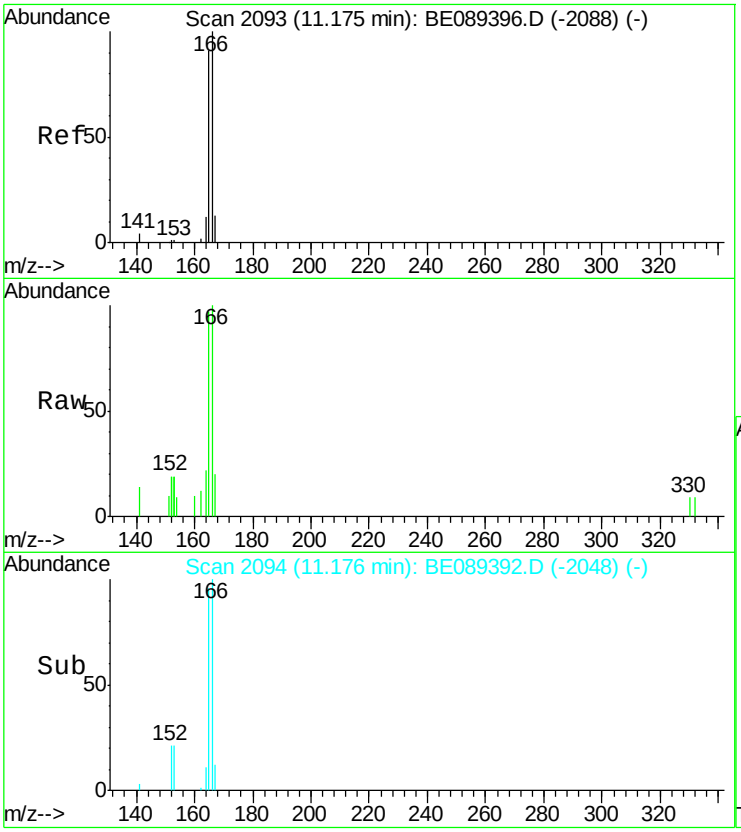


#10
Acenaphthene
Concen: 0.10 ng
RT: 10.54 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BE089392.D
Acq: 15 Jan 2015 14:39

Tgt Ion:154 Resp: 857

Ion	Ratio	Lower	Upper
154	100		
153	373.6	327.0	490.4
152	213.9	162.2	243.4



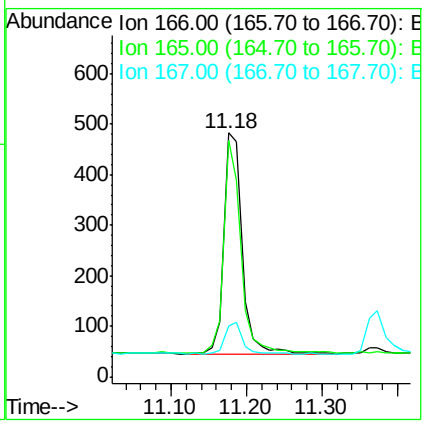


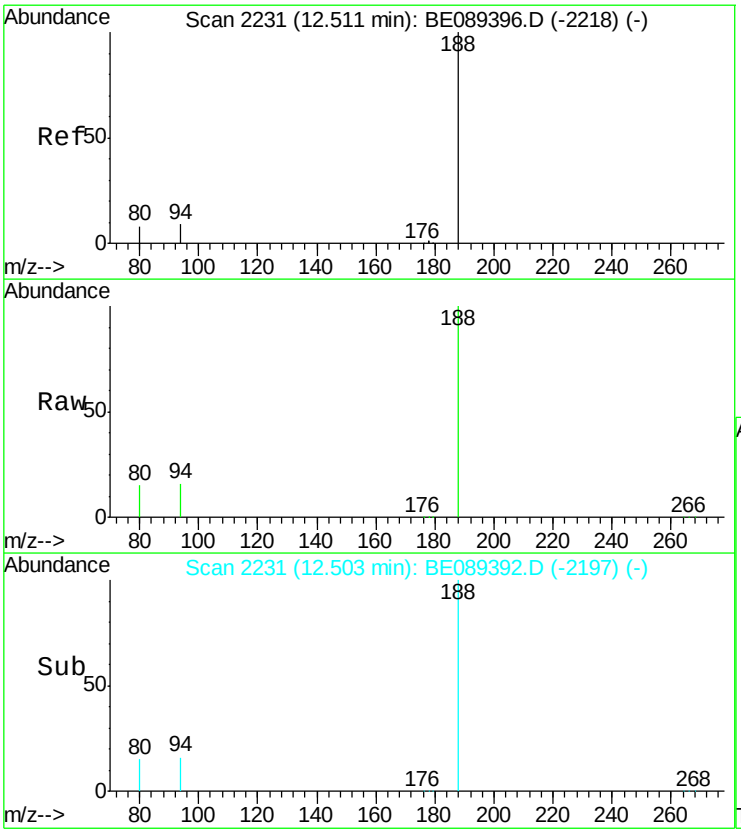
#11
Fluorene
Concen: 0.08 ng
RT: 11.18 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BE089392.D
Acq: 15 Jan 2015 14:39

Instrument :
BNA_M
LabSampleId :
SSTDICC0.2

Tgt Ion:166 Resp: 745

Ion	Ratio	Lower	Upper
166	100		
165	89.0	72.5	108.7
167	13.2	10.7	16.1

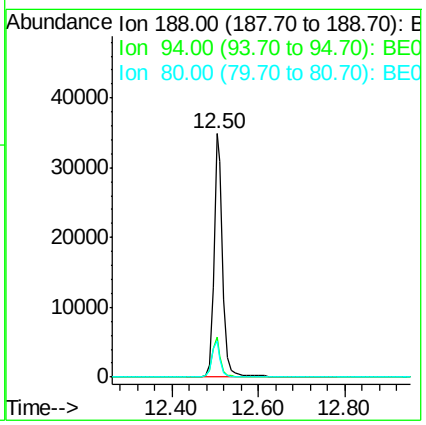


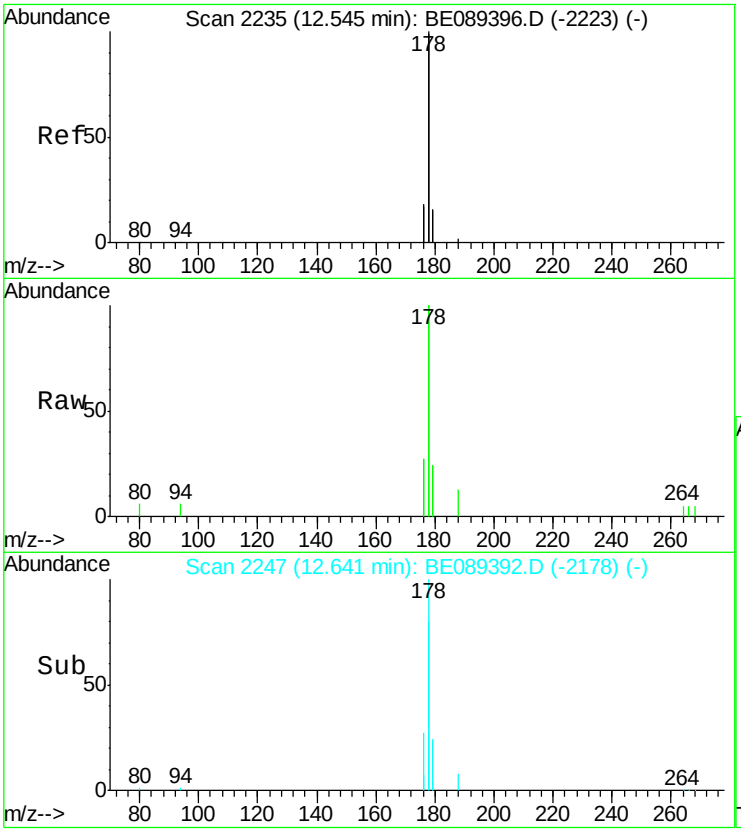


#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.50 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BE089392.D
Acq: 15 Jan 2015 14:39

Tgt Ion:188 Resp: 50790

Ion	Ratio	Lower	Upper
188	100		
94	16.2	7.6	11.4#
80	15.1	6.8	10.2#



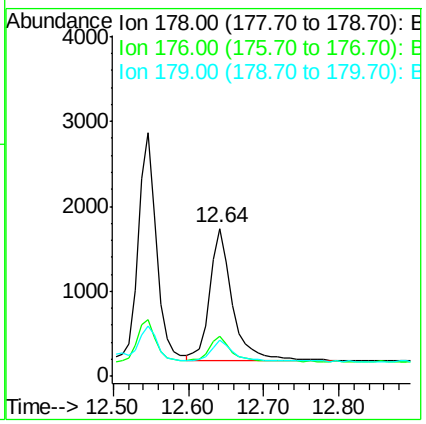


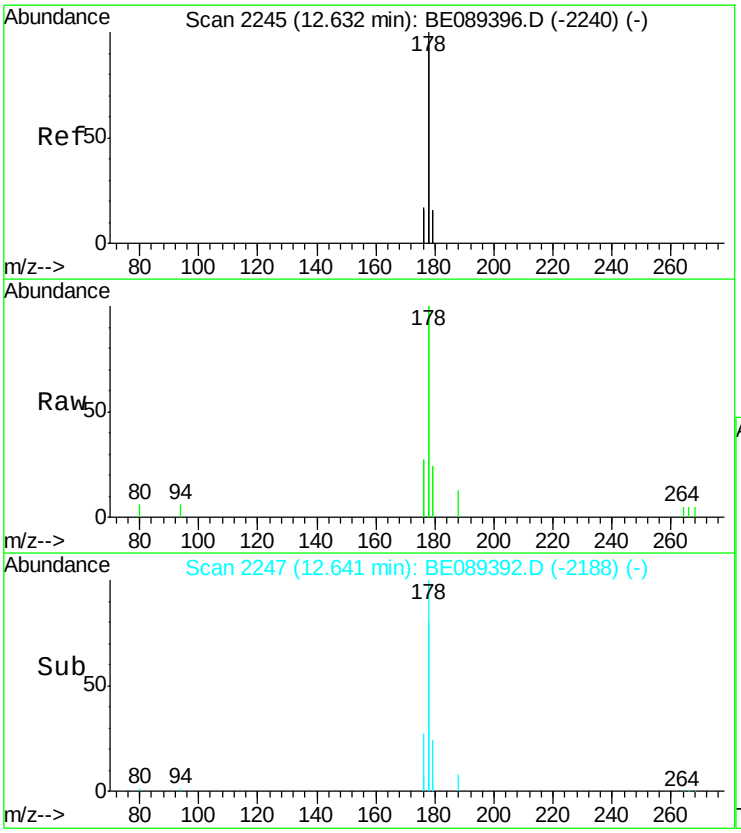
#14
Phenanthrene
Concen: 0.06 ng
RT: 12.64 min Scan# 2247
Delta R.T. 0.10 min
Lab File: BE089392.D
Acq: 15 Jan 2015 14:39

Instrument :
BNA_M
LabSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 3226

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.9	22.3
179	15.0	12.3	18.5

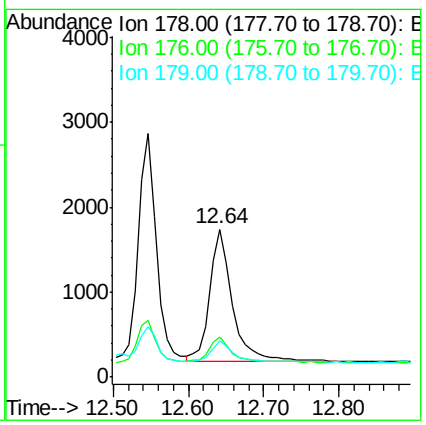


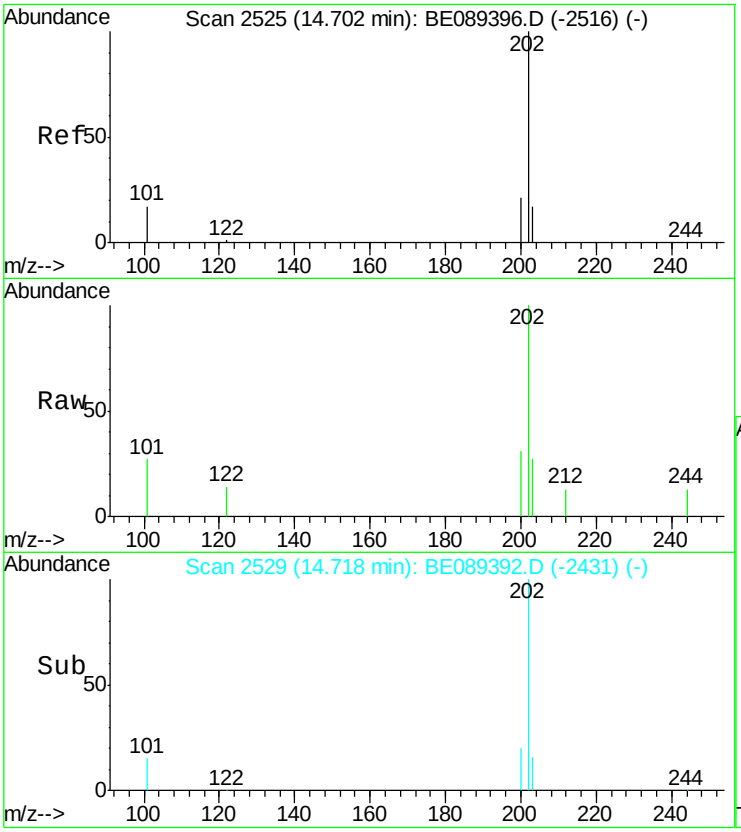


#15
Anthracene
Concen: 0.07 ng
RT: 12.64 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BE089392.D
Acq: 15 Jan 2015 14:39

Tgt Ion:178 Resp: 3226

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.4	21.6
179	15.0	12.0	18.0



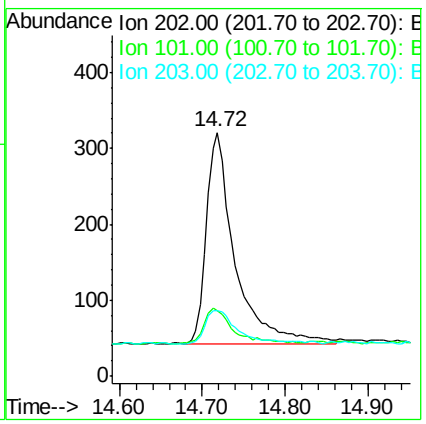


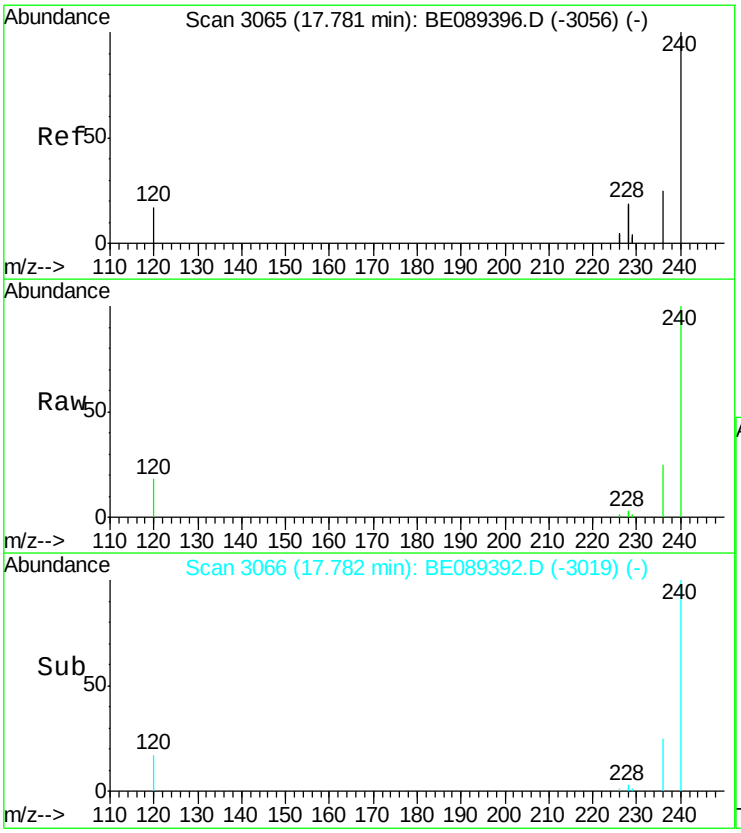
#16
Fluoranthene
Concen: 0.07 ng
RT: 14.72 min Scan# 2529
Delta R.T. 0.02 min
Lab File: BE089392.D
Acq: 15 Jan 2015 14:39

Instrument :
BNA_M
LabSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 663

Ion	Ratio	Lower	Upper
202	100		
101	16.3	13.2	19.8
203	17.5	13.5	20.3

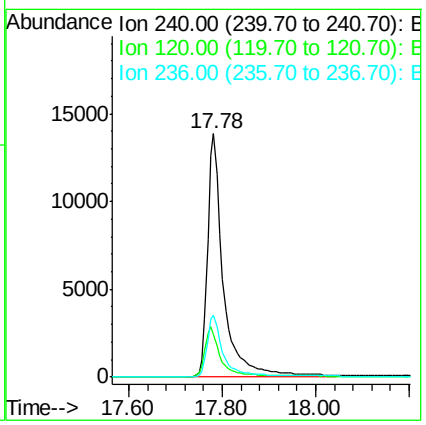


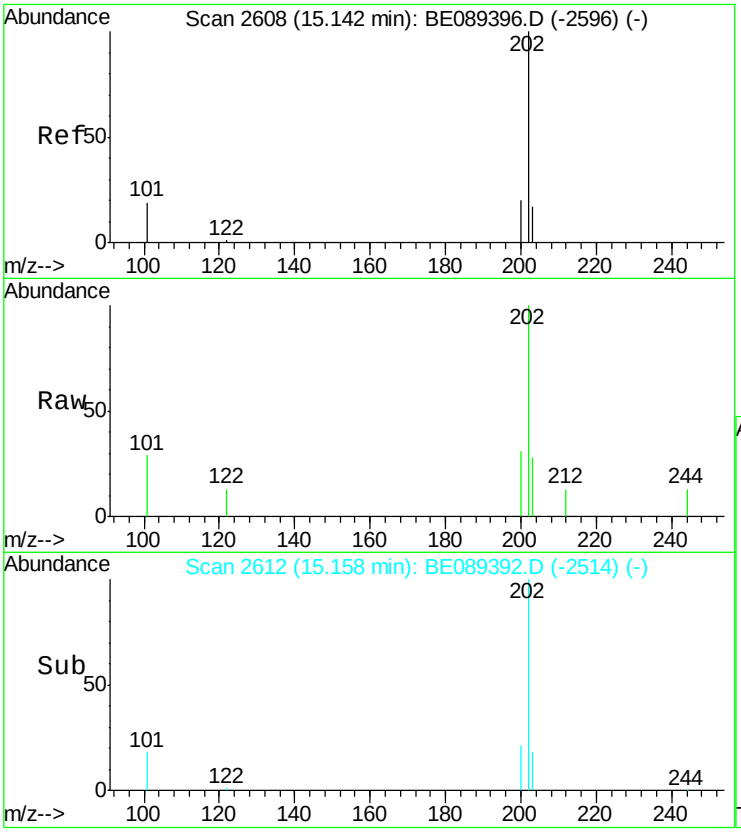


#17
Chrysene-d12
Concen: 5.00 ng
RT: 17.78 min Scan# 3066
Delta R.T. 0.00 min
Lab File: BE089392.D
Acq: 15 Jan 2015 14:39

Tgt Ion:240 Resp: 32348

Ion	Ratio	Lower	Upper
240	100		
120	17.6	14.2	21.2
236	25.4	20.6	30.8



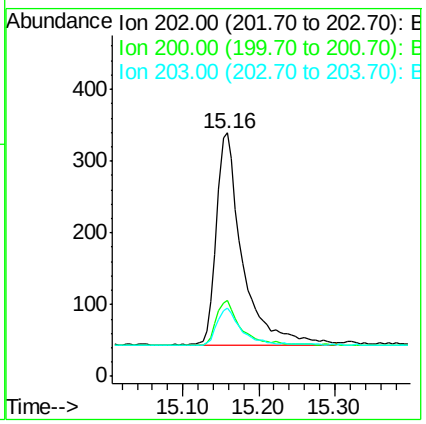


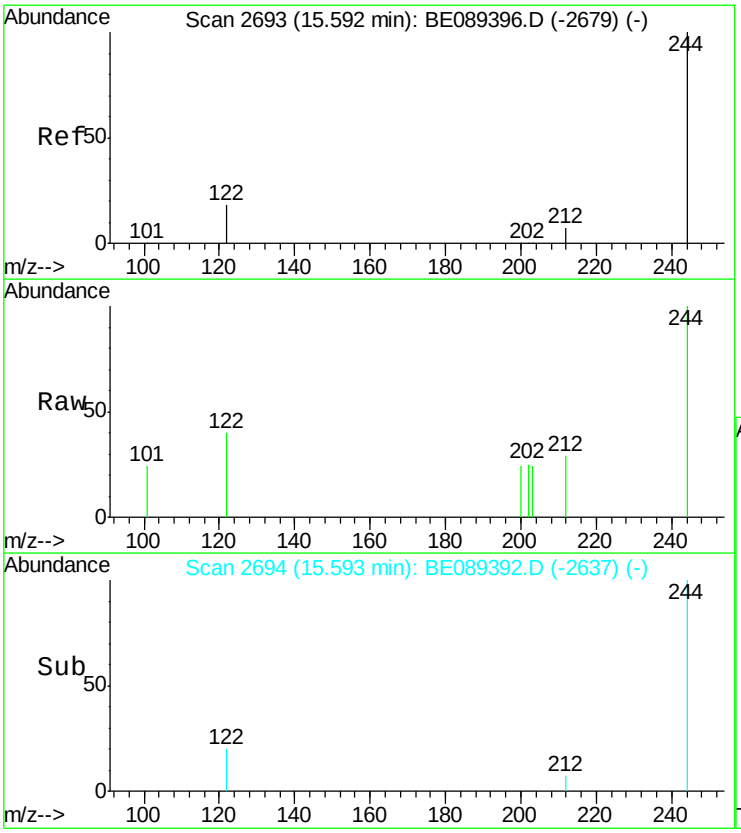
#18
Pyrene
Concen: 0.07 ng
RT: 15.16 min Scan# 2612
Delta R.T. 0.02 min
Lab File: BE089392.D
Acq: 15 Jan 2015 14:39

Instrument :
BNA_M
LabSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 697

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.2	24.2
203	16.5	13.7	20.5

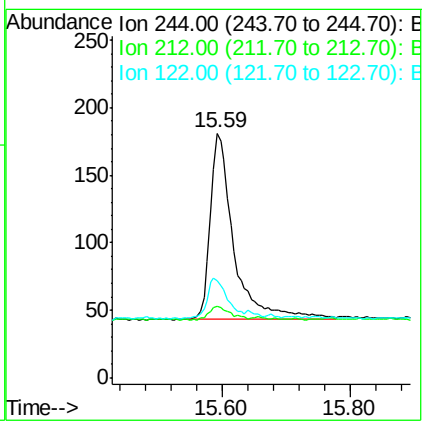


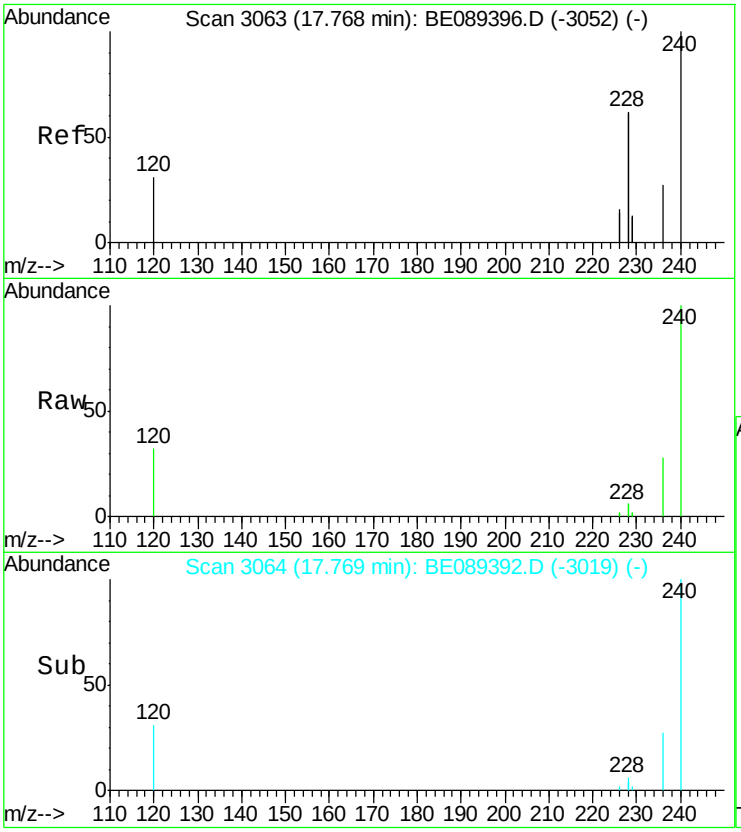


#19
Terphenyl-d14
Concen: 0.06 ng
RT: 15.59 min Scan# 2694
Delta R.T. 0.00 min
Lab File: BE089392.D
Acq: 15 Jan 2015 14:39

Tgt Ion:244 Resp: 355

Ion	Ratio	Lower	Upper
244	100		
212	29.3	6.7	10.1#
122	39.8	15.7	23.5#



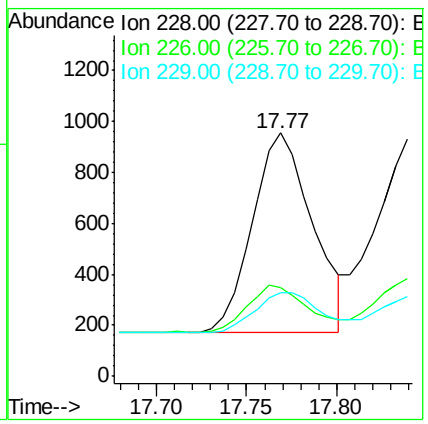


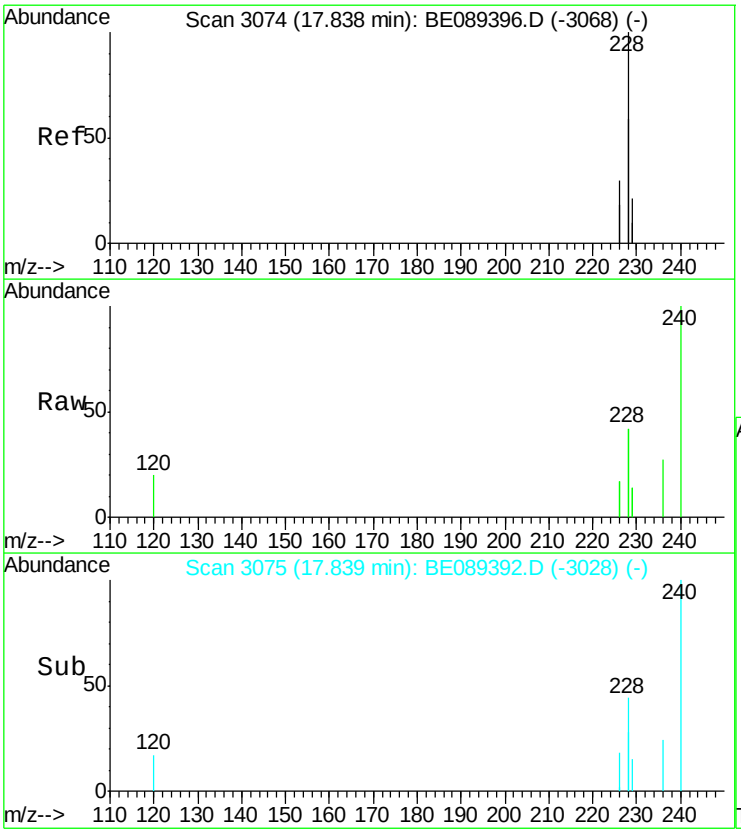
#20
Benzo(a)anthracene
Concen: 0.06 ng
RT: 17.77 min Scan# 3064
Delta R.T. 0.00 min
Lab File: BE089392.D
Acq: 15 Jan 2015 14:39

Instrument :
BNA_M
LabSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 1811

Ion	Ratio	Lower	Upper
228	100		
226	36.4	20.6	31.0#
229	34.5	17.1	25.7#

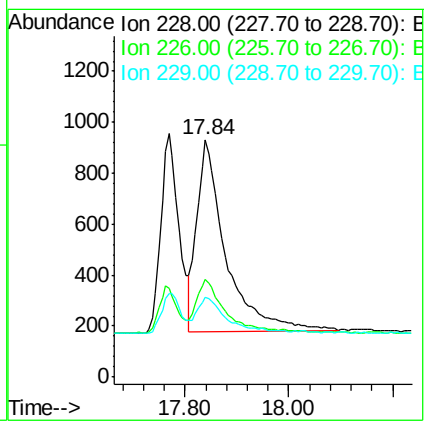


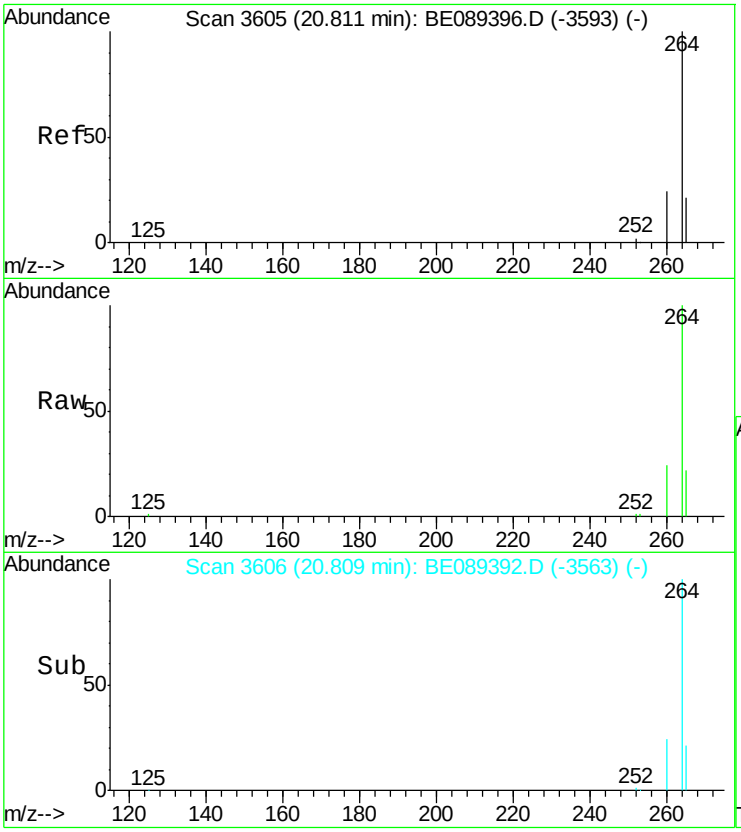


#21
Chrysene
Concen: 0.09 ng
RT: 17.84 min Scan# 3075
Delta R.T. 0.00 min
Lab File: BE089392.D
Acq: 15 Jan 2015 14:39

Tgt Ion:228 Resp: 2902

Ion	Ratio	Lower	Upper
228	100		
226	41.2	24.2	36.4#
229	33.5	16.5	24.7#



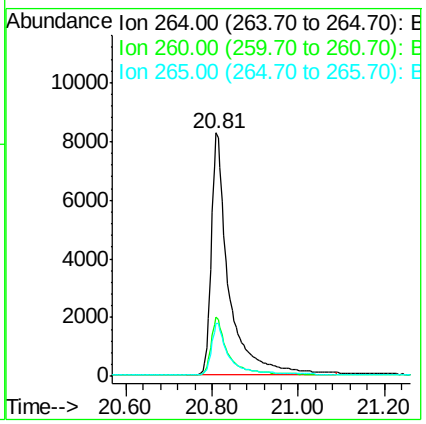


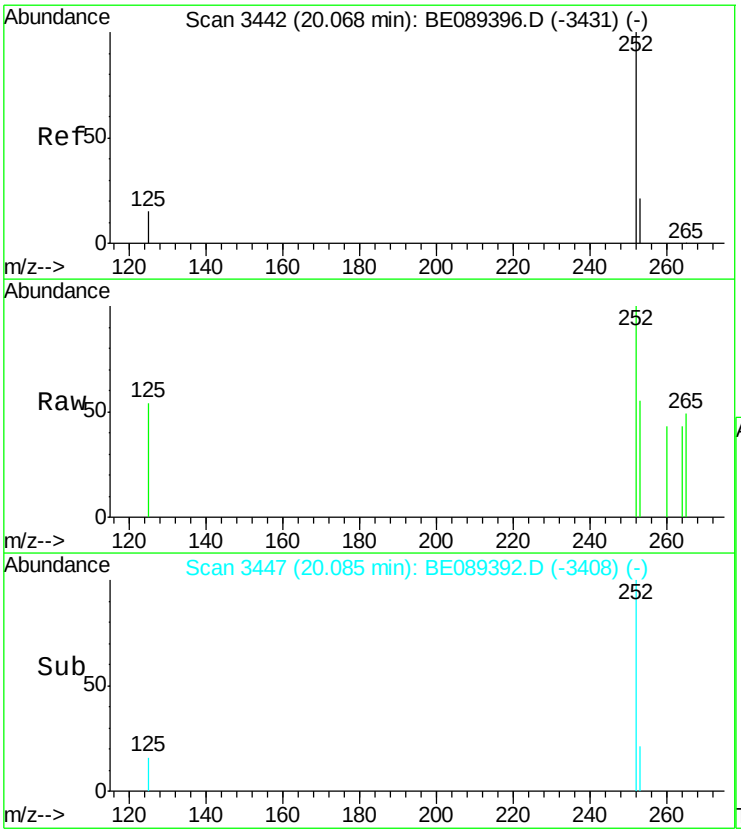
#23
Perylene-d12
Concen: 5.00 ng
RT: 20.81 min Scan# 3606
Delta R.T. -0.00 min
Lab File: BE089392.D
Acq: 15 Jan 2015 14:39

Instrument :
BNA_M
LabSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 23721

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.6	17.3	25.9

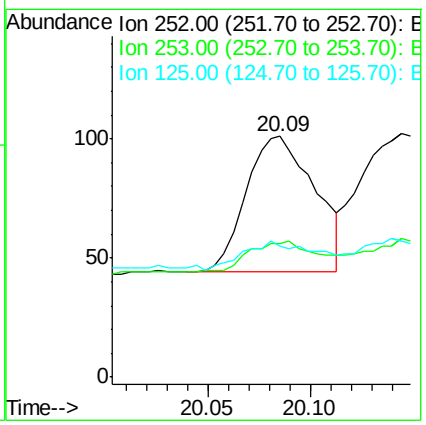


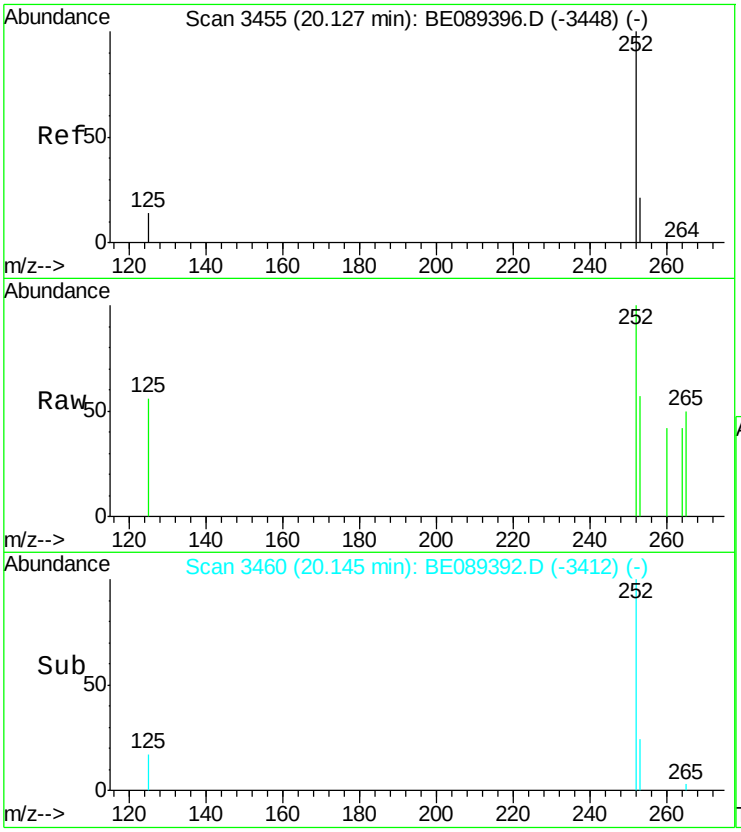


#24
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 20.09 min Scan# 3447
Delta R.T. 0.02 min
Lab File: BE089392.D
Acq: 15 Jan 2015 14:39

Tgt Ion:252 Resp: 133

Ion	Ratio	Lower	Upper
252	100		
253	55.4	19.1	28.7#
125	54.5	14.5	21.7#



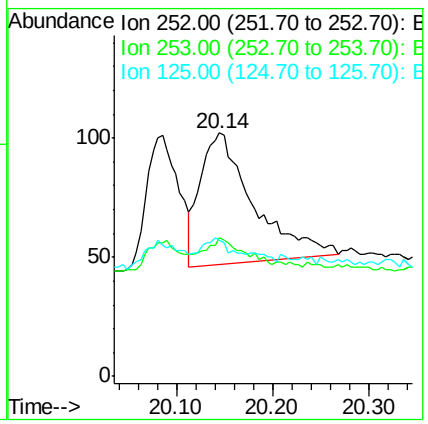


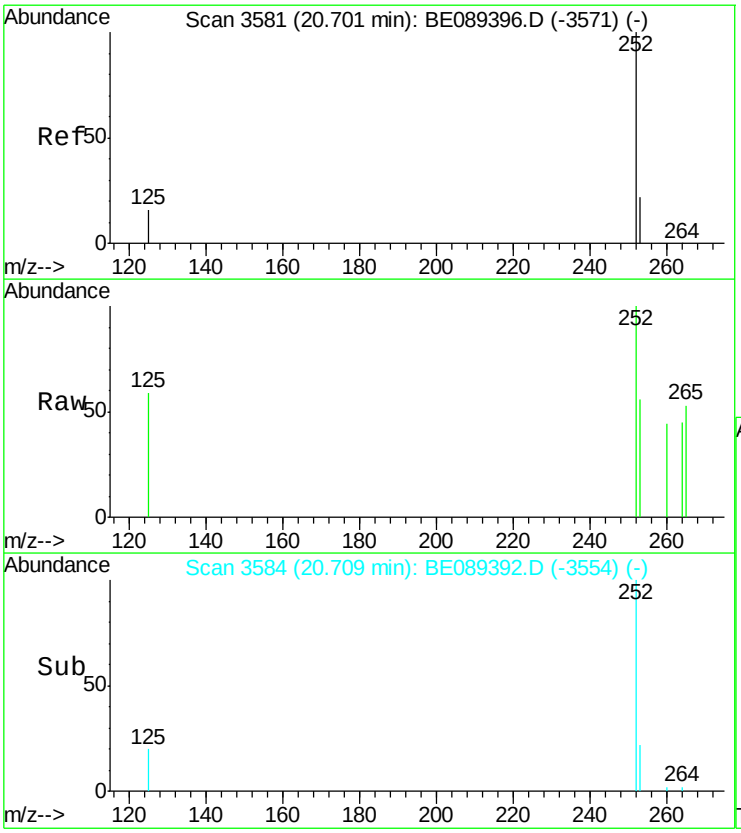
#25
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 20.14 min Scan# 3460
Delta R.T. 0.02 min
Lab File: BE089392.D
Acq: 15 Jan 2015 14:39

Instrument :
BNA_M
LabSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 211

Ion	Ratio	Lower	Upper
252	100		
253	56.9	18.7	28.1#
125	55.9	13.1	19.7#

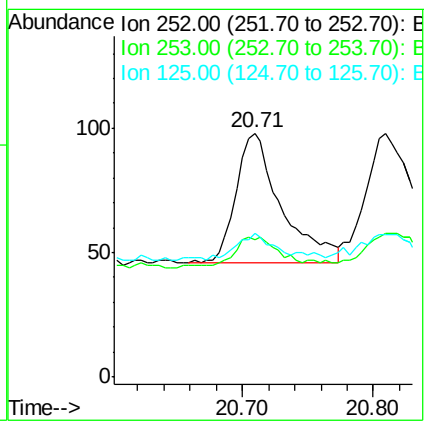


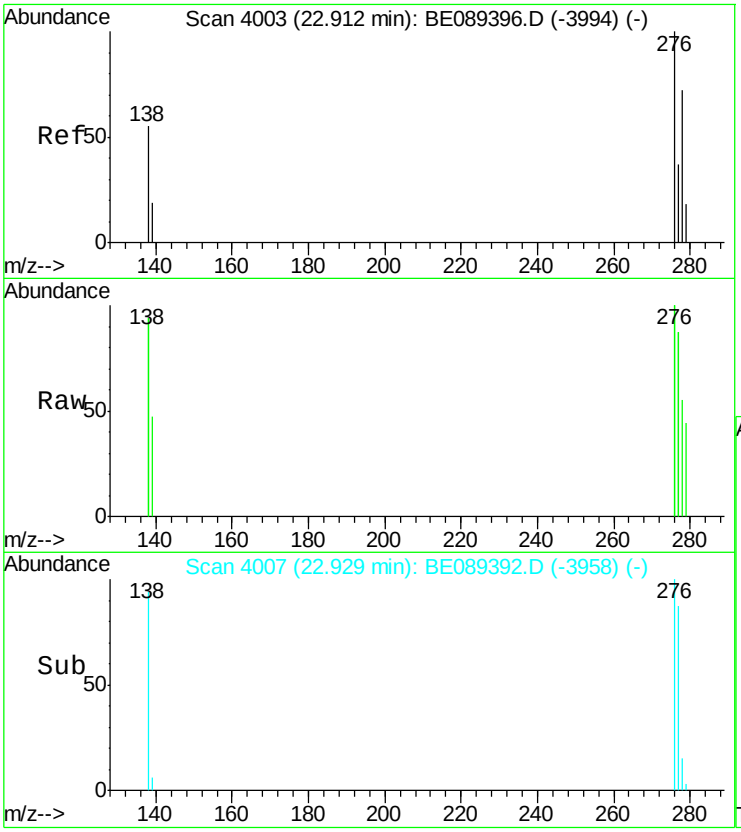


#26
Benzo(a)pyrene
Concen: 0.03 ng
RT: 20.71 min Scan# 3584
Delta R.T. 0.01 min
Lab File: BE089392.D
Acq: 15 Jan 2015 14:39

Tgt Ion:252 Resp: 124

Ion	Ratio	Lower	Upper
252	100		
253	56.1	20.0	30.0#
125	59.2	15.4	23.2#



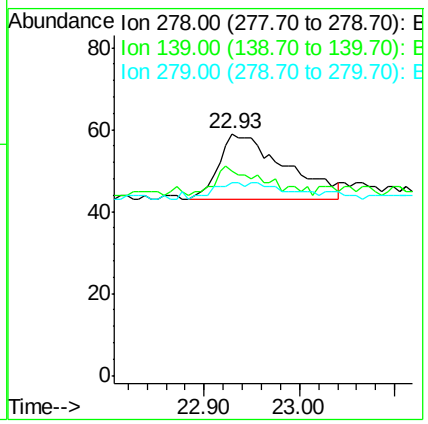


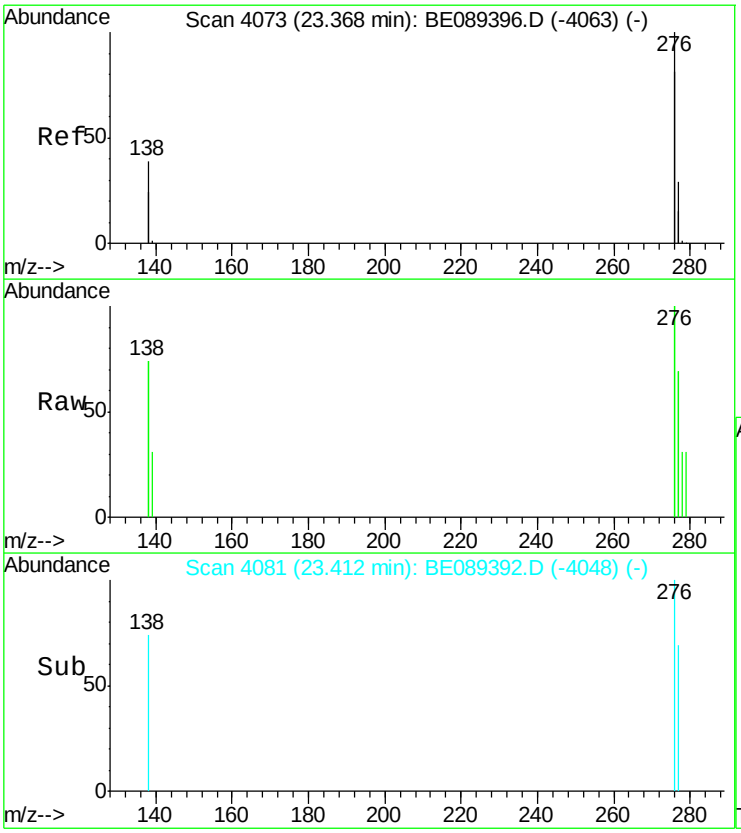
#27
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 22.93 min Scan# 4007
Delta R.T. 0.02 min
Lab File: BE089392.D
Acq: 15 Jan 2015 14:39

Instrument :
BNA_M
LabSampleId :
SSTDICC0.2

Tgt Ion:278 Resp: 76

Ion	Ratio	Lower	Upper
278	100		
139	84.7	26.8	40.2#
279	79.7	25.4	38.0#





#28
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 23.41 min Scan# 4081
Delta R.T. 0.04 min
Lab File: BE089392.D
Acq: 15 Jan 2015 14:39

Tgt Ion:276 Resp: 589

Ion	Ratio	Lower	Upper
276	100		
277	69.4	22.9	34.3#
138	74.3	31.2	46.8#