Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011515\
Data File : BE089395.D
Acq On : 15 Jan 2015 16:18
Operator : TP/IZ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
LabSampleId : SSTDICCC001

Quant Time: Jan 16 05:29:02 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	21948	5.00	ng		0.00
3) Naphthalene-d8	8.36	136	82771	5.00	ng		0.00
7) Acenaphthene-d10	10.49	164	37813	5.00	ng		0.00
12) Phenanthrene-d10	12.50	188	57428	5.00	ng		0.00
17) Chrysene-d12	17.78	240	38814	5.00	ng		0.00
23) Perylene-d12	20.81	264	29551	5.00	ng		0.00
System Monitoring Compounds							
4) Nitrobenzene-d5	7.50	82	3397	0.63	ng		0.00
8) 2-Fluorobiphenyl	9.70	172	7826	0.76	ng		0.00
19) Terphenyl-d14	15.59	244	4574	0.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.03	88	2527	0.80	ng		99
5) Naphthalene	8.38	128	14573	0.80	ng		99
6) 2-Methylnaphthalene	9.24	142	8725	0.74	ng		99
9) Acenaphthylene	10.32	152	49149	0.78	ng		100
10) Acenaphthene	10.54	154	7592	0.77	ng		100
11) Fluorene	11.18	166	8206	0.80	ng		99
13) Pentachlorophenol	12.26	266	246	0.40	ng		94
14) Phenanthrene	12.55	178	45767	0.78	ng		100
15) Anthracene	12.63	178	41096	0.75	ng		100
16) Fluoranthene	14.70	202	8642	0.77	ng		100
18) Pyrene	15.14	202	9170	0.73	ng		100
20) Benzo(a)anthracene	17.76	228	20806	0.60	ng		97
21) Chrysene	17.84	228	31307	0.79	ng		99
22) Indeno(1,2,3-cd)pyrene	22.83	276	4708	0.20	ng	#	71
24) Benzo(b)fluoranthene	20.07	252	2303	0.45	ng		100
25) Benzo(k)fluoranthene	20.13	252	5287	0.66	ng		98
26) Benzo(a)pyrene	20.70	252	2344	0.46	ng		97
27) Dibenzo(a,h)anthracene	22.91	278	1731	0.43	ng		97
28) Benzo(g,h,i)perylene	23.37	276	12071	0.52	ng		98

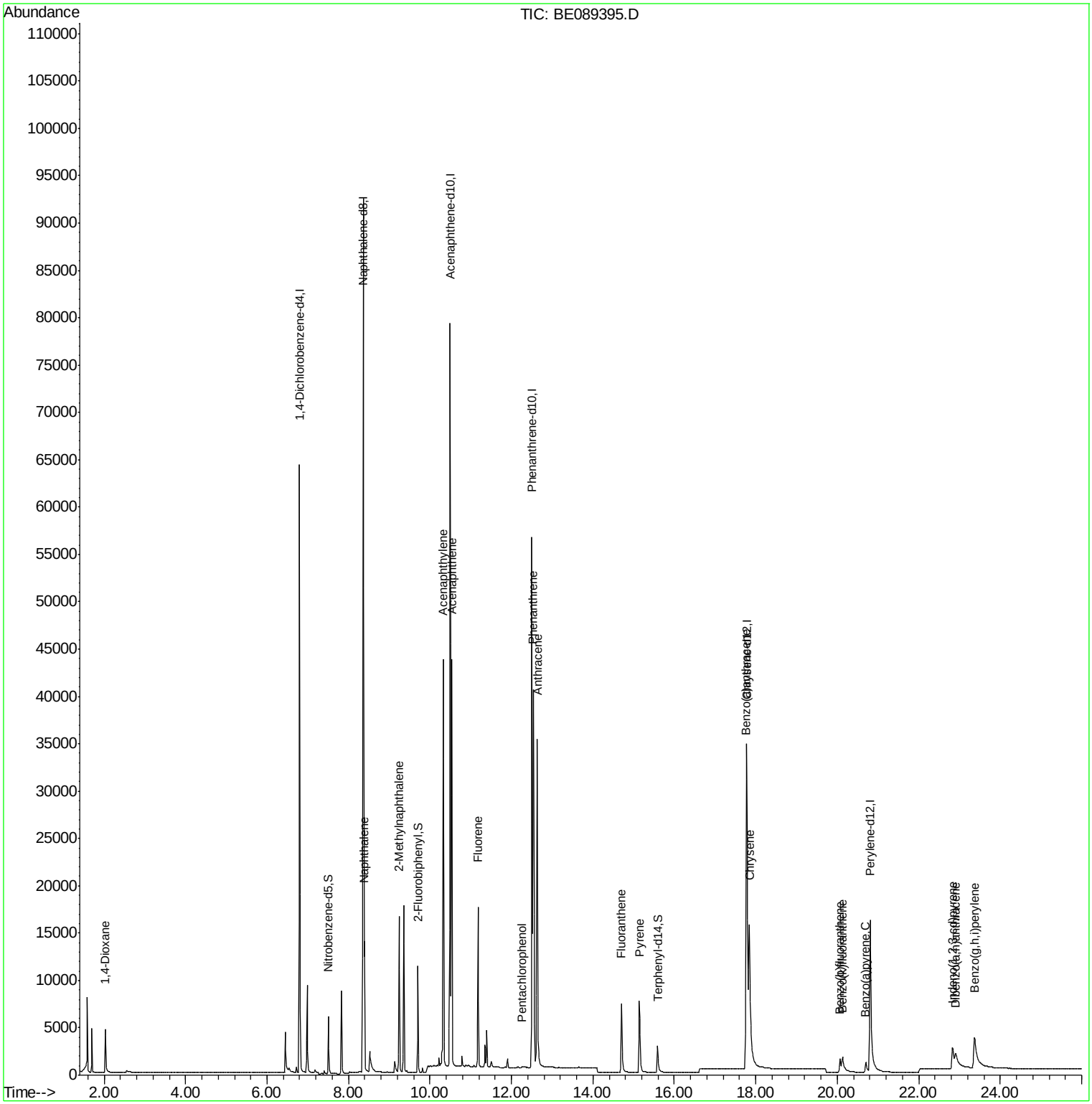
(#) = qualifier out of range (m) = manual integration (+) = signals summed

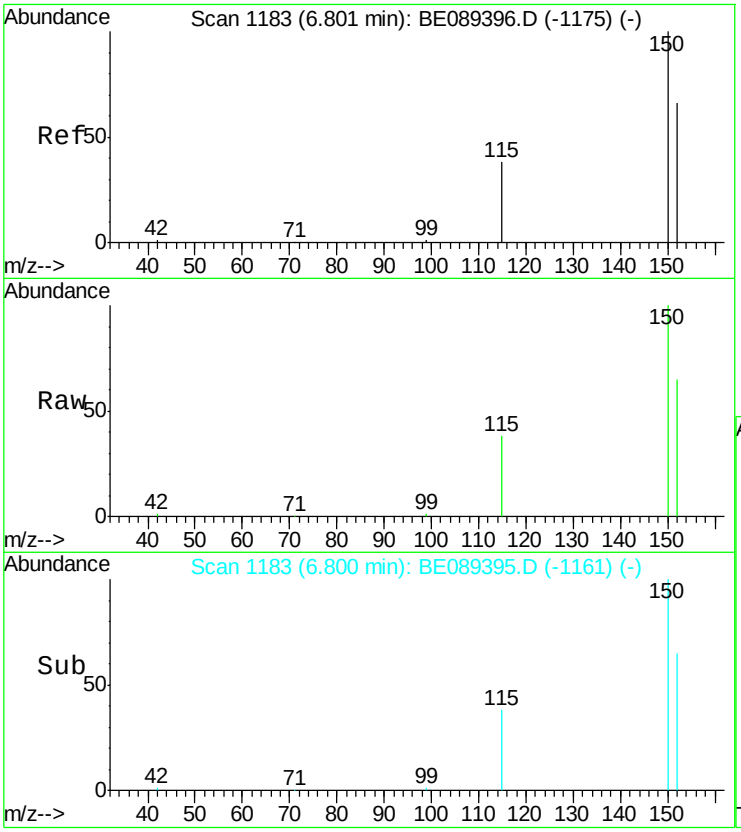
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011515\
Data File : BE089395.D
Acq On : 15 Jan 2015 16:18
Operator : TP/IZ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDICCC001

Quant Time: Jan 16 05:29:02 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



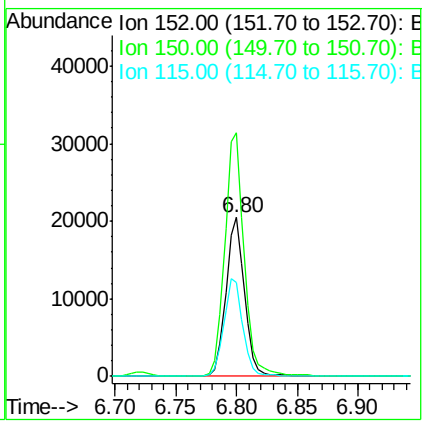


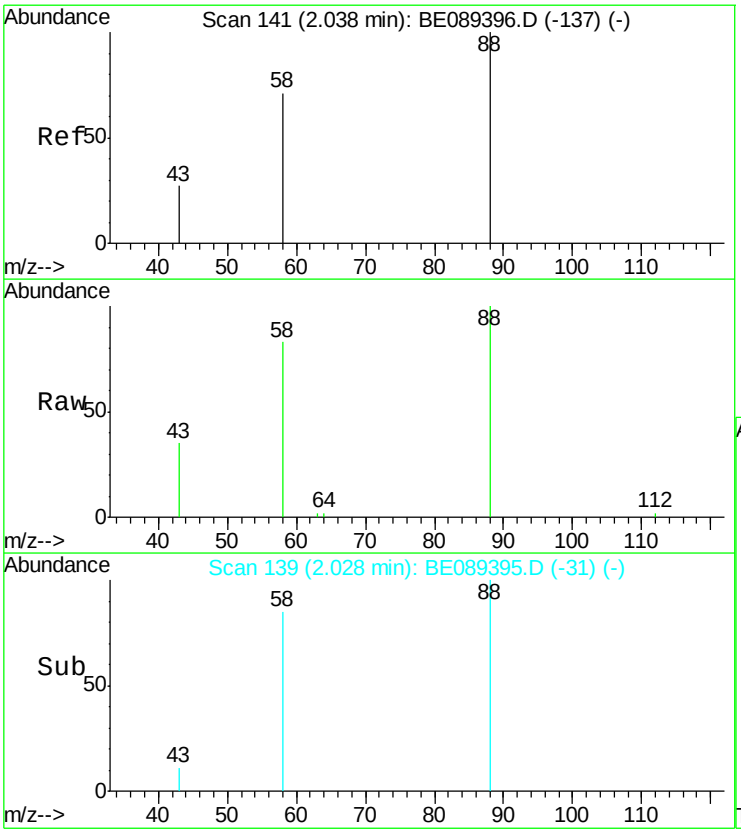
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.80 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE089395.D
Acq: 15 Jan 2015 16:18

Instrument :
BNA_M
LabSampleId :
SSTDICCC001

Tgt Ion:152 Resp: 21948

Ion	Ratio	Lower	Upper
152	100		
150	153.5	121.9	182.9
115	59.0	47.0	70.6

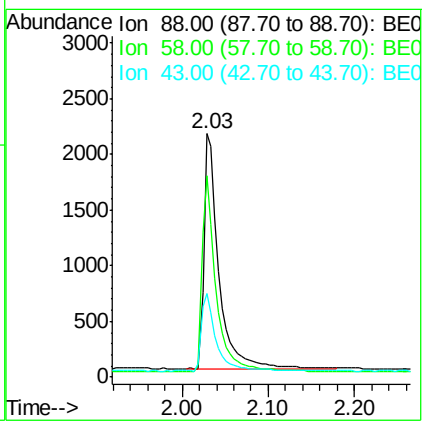


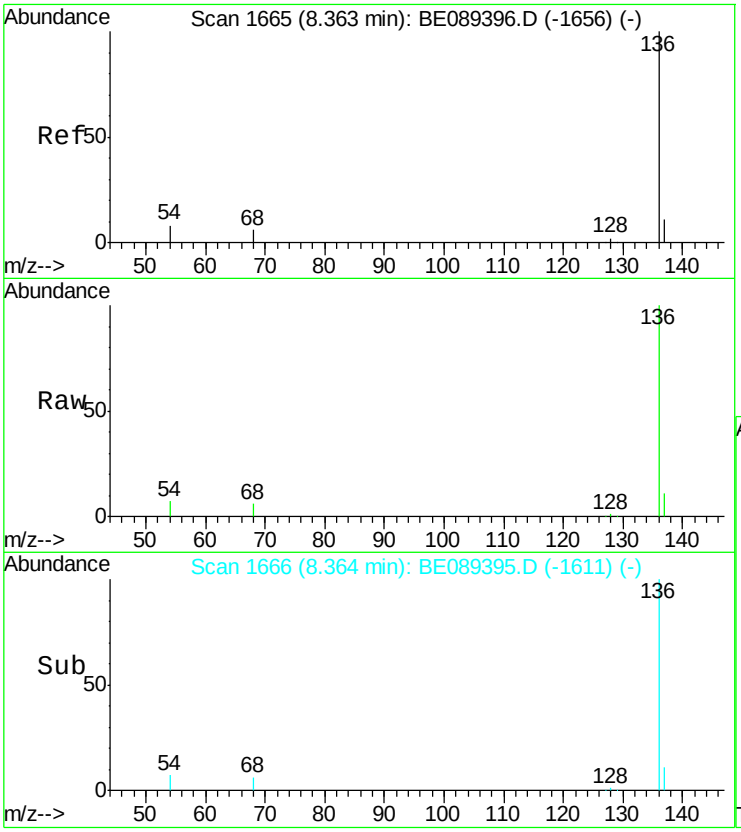


#2
1,4-Dioxane
Concen: 0.80 ng
RT: 2.03 min Scan# 139
Delta R.T. -0.01 min
Lab File: BE089395.D
Acq: 15 Jan 2015 16:18

Tgt Ion: 88 Resp: 2527

Ion	Ratio	Lower	Upper
88	100		
58	79.3	64.6	96.8
43	31.4	25.7	38.5



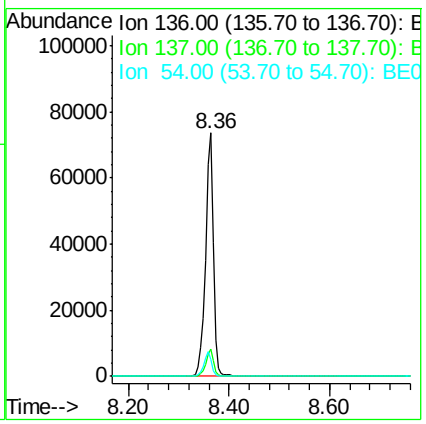


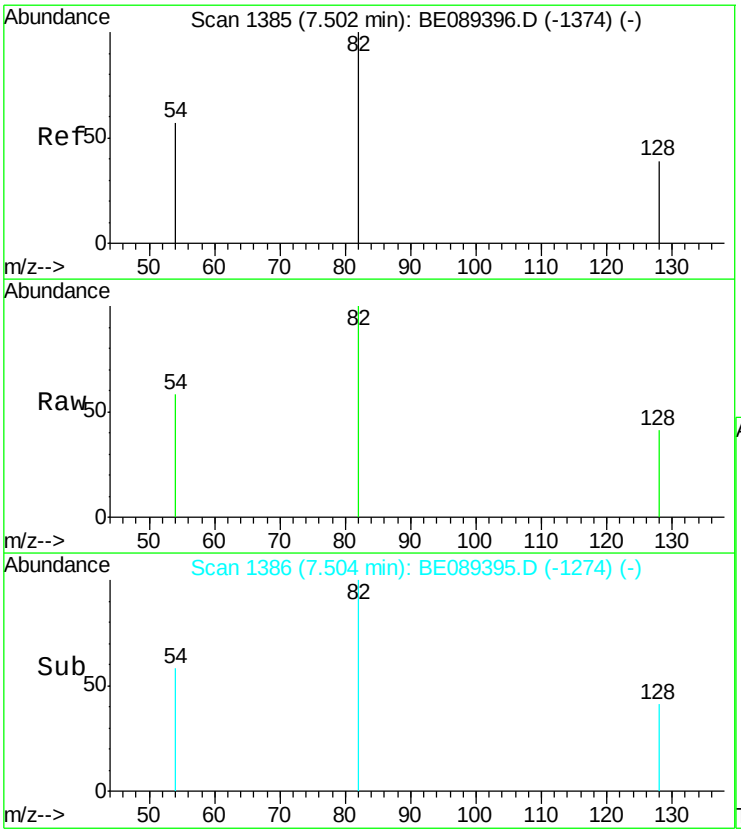
#3
Naphthalene-d8
Concen: 5.00 ng
RT: 8.36 min Scan# 1666
Delta R.T. 0.00 min
Lab File: BE089395.D
Acq: 15 Jan 2015 16:18

Instrument :
BNA_M
LabSampleId :
SSTDICCC001

Tgt Ion:136 Resp: 82771

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.0	6.5	9.7

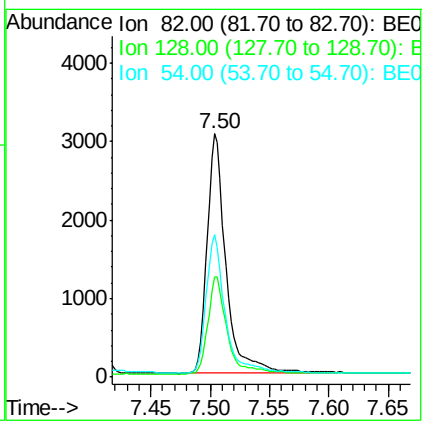


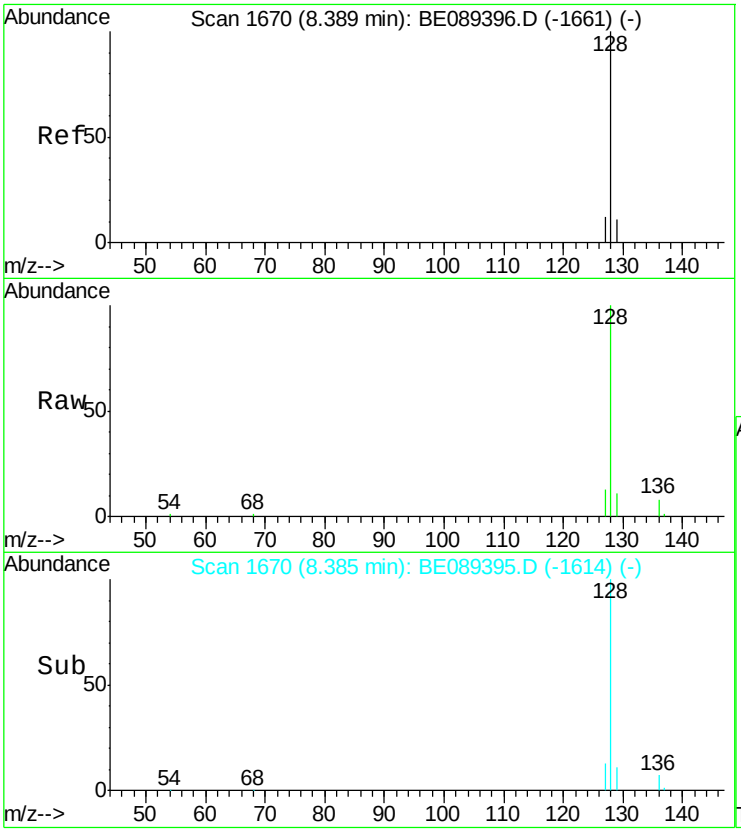


#4
Nitrobenzene-d5
Concen: 0.63 ng
RT: 7.50 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BE089395.D
Acq: 15 Jan 2015 16:18

Tgt Ion: 82 Resp: 3397

Ion	Ratio	Lower	Upper
82	100		
128	41.3	31.5	47.3
54	58.4	46.2	69.2



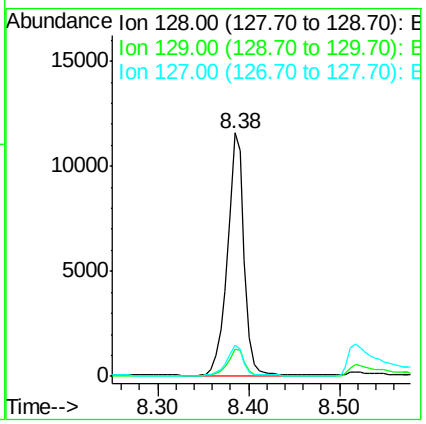


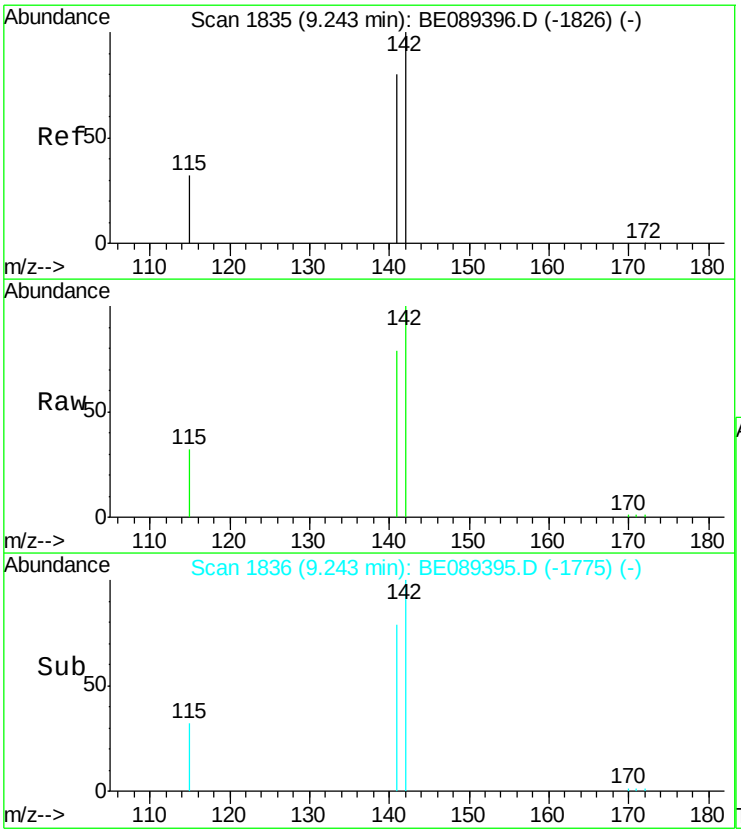
#5
Naphthalene
Concen: 0.80 ng
RT: 8.38 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE089395.D
Acq: 15 Jan 2015 16:18

Instrument :
BNA_M
LabSampleId :
SSTDICCC001

Tgt Ion:128 Resp: 14573

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	12.8	9.6	14.4

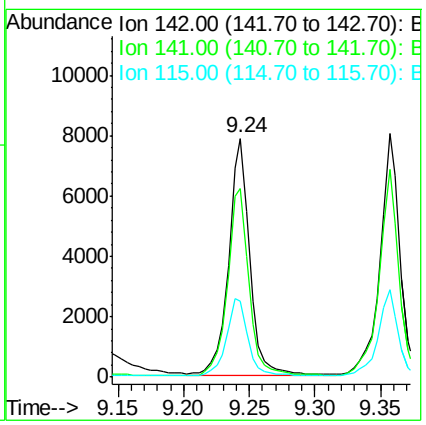


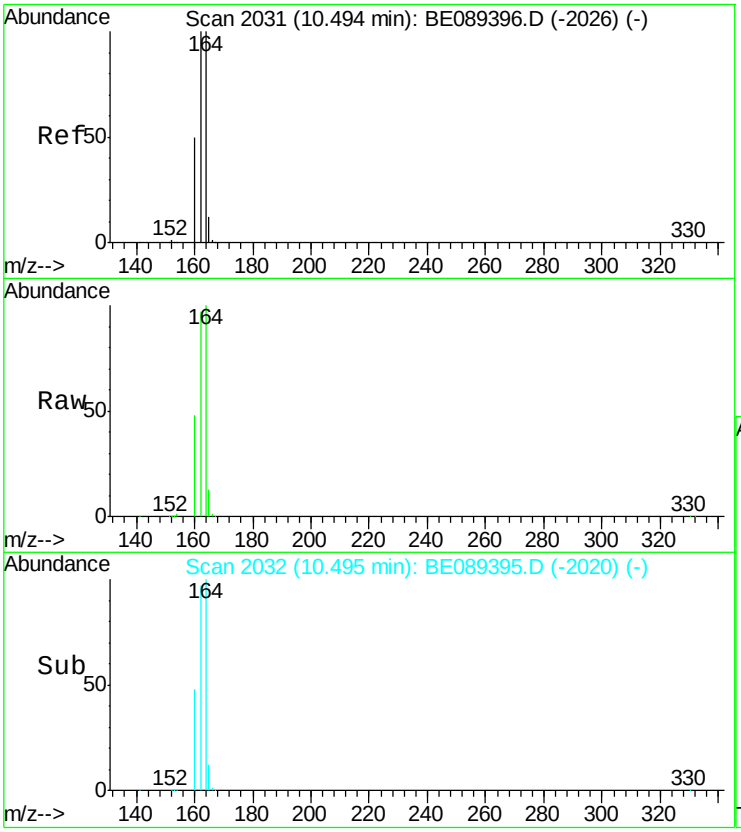


#6
2-Methylnaphthalene
Concen: 0.74 ng
RT: 9.24 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BE089395.D
Acq: 15 Jan 2015 16:18

Tgt Ion:142 Resp: 8725

Ion	Ratio	Lower	Upper
142	100		
141	79.0	63.7	95.5
115	31.9	25.4	38.0



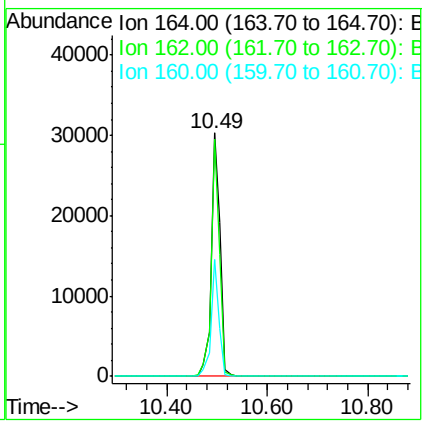


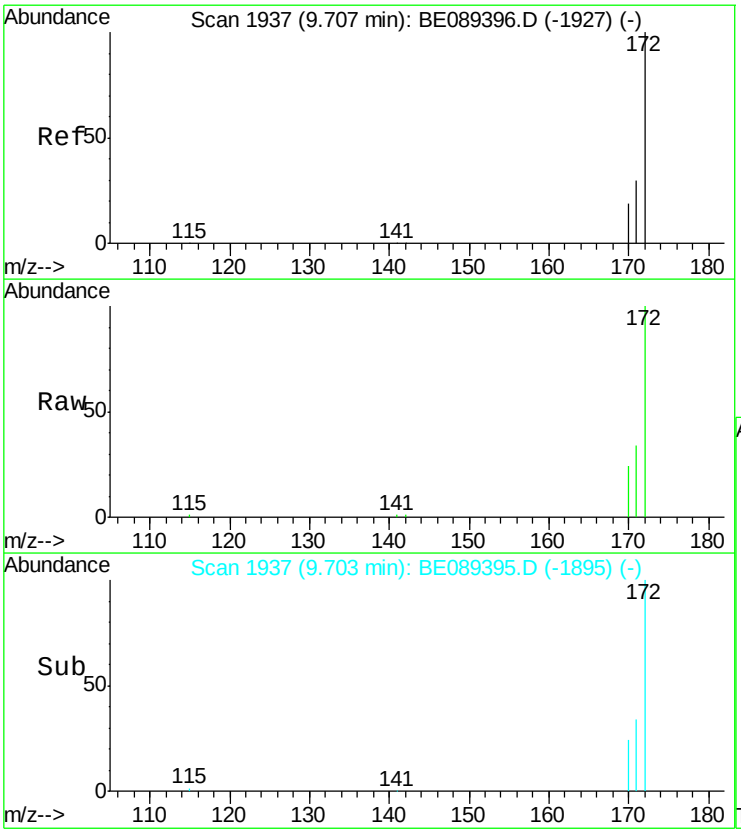
#7
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.49 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BE089395.D
Acq: 15 Jan 2015 16:18

Instrument :
BNA_M
LabSampleId :
SSTDICCC001

Tgt Ion:164 Resp: 37813

Ion	Ratio	Lower	Upper
164	100		
162	97.4	80.2	120.4
160	48.2	40.1	60.1

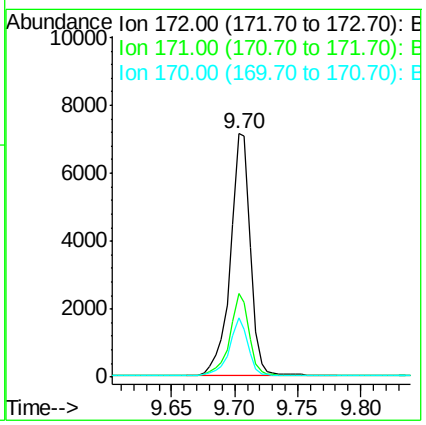


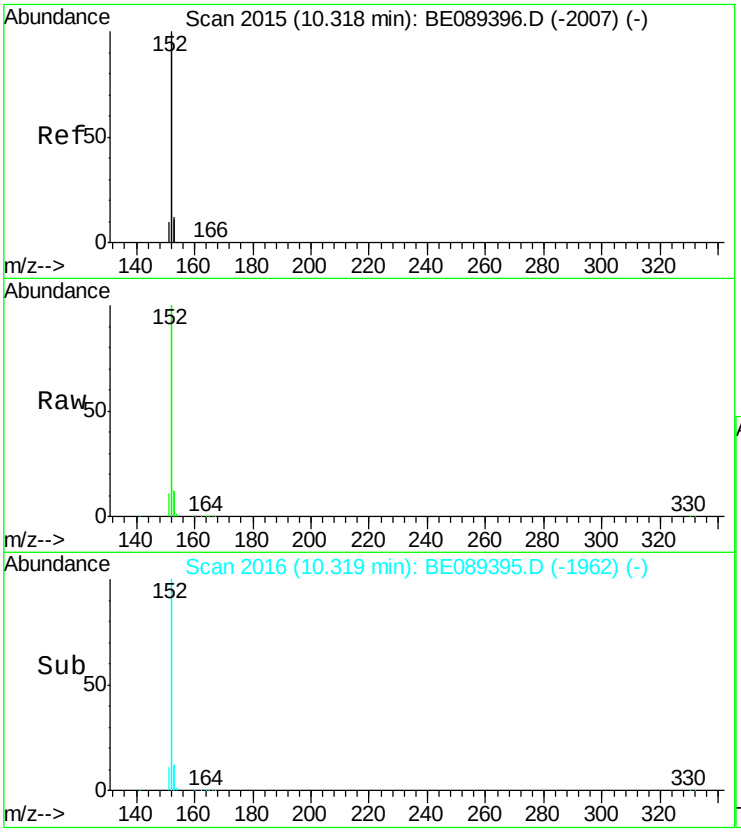


#8
2-Fluorobiphenyl
Concen: 0.76 ng
RT: 9.70 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BE089395.D
Acq: 15 Jan 2015 16:18

Tgt Ion:172 Resp: 7826

Ion	Ratio	Lower	Upper
172	100		
171	34.1	24.4	36.6
170	24.2	15.8	23.6#



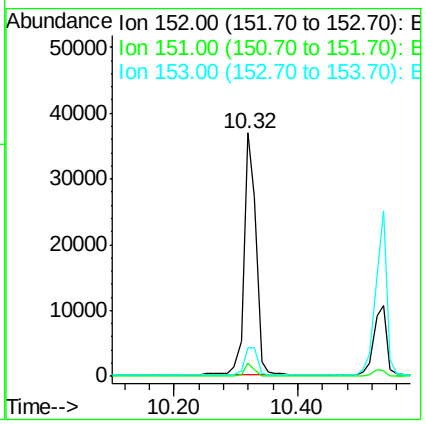


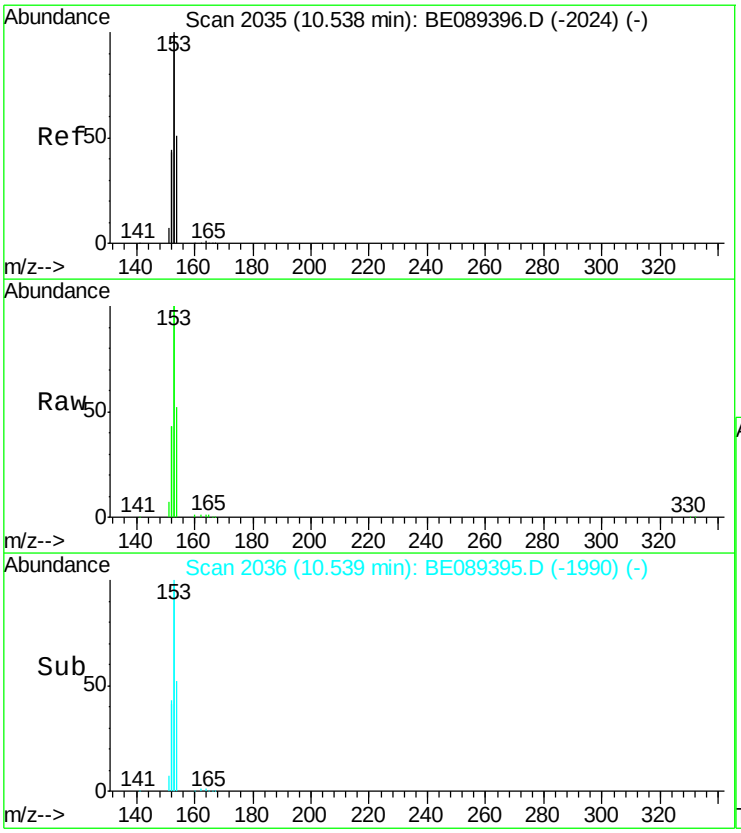
#9
Acenaphthylene
Concen: 0.78 ng
RT: 10.32 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BE089395.D
Acq: 15 Jan 2015 16:18

Instrument :
BNA_M
LabSampleId :
SSTDICCC001

Tgt Ion:152 Resp: 49149

Ion	Ratio	Lower	Upper
152	100		
151	4.6	3.7	5.5
153	13.0	10.2	15.4

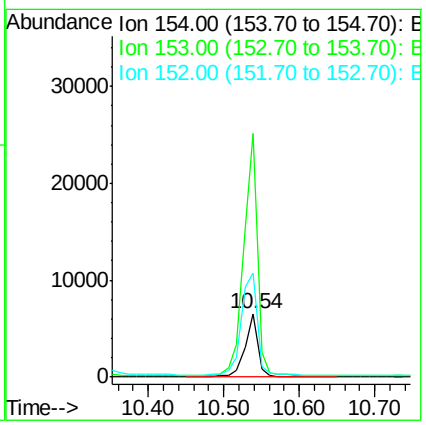


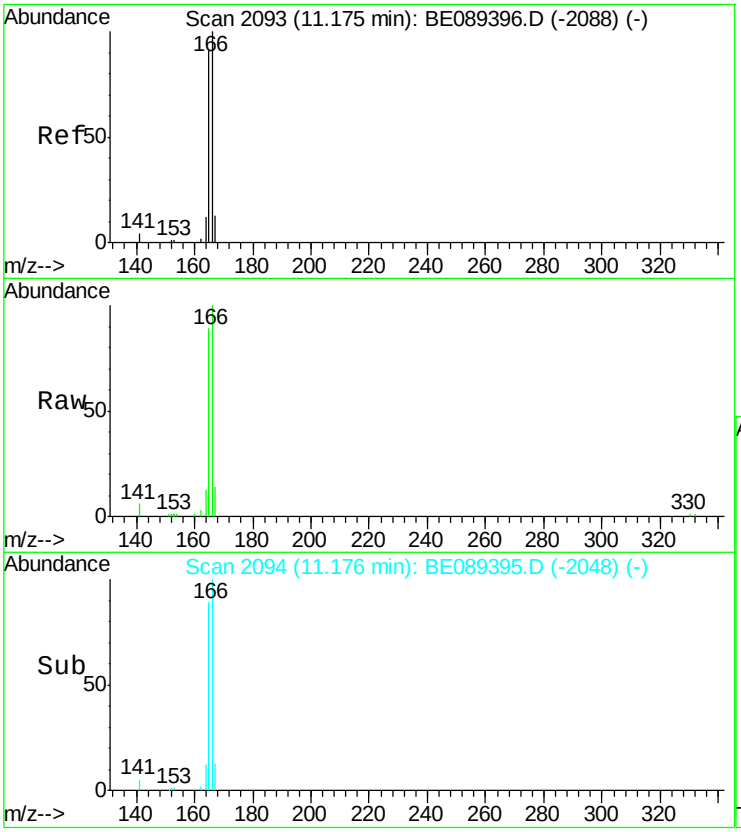


#10
Acenaphthene
Concen: 0.77 ng
RT: 10.54 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BE089395.D
Acq: 15 Jan 2015 16:18

Tgt Ion:154 Resp: 7592

Ion	Ratio	Lower	Upper
154	100		
153	409.3	327.0	490.4
152	202.3	162.2	243.4



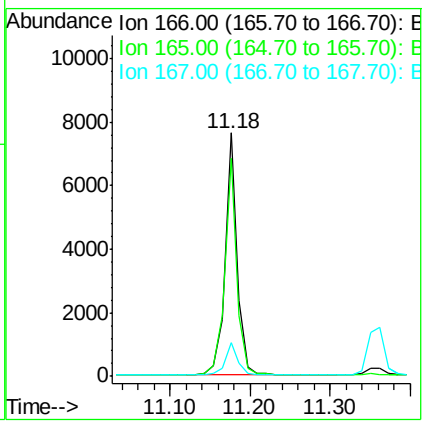


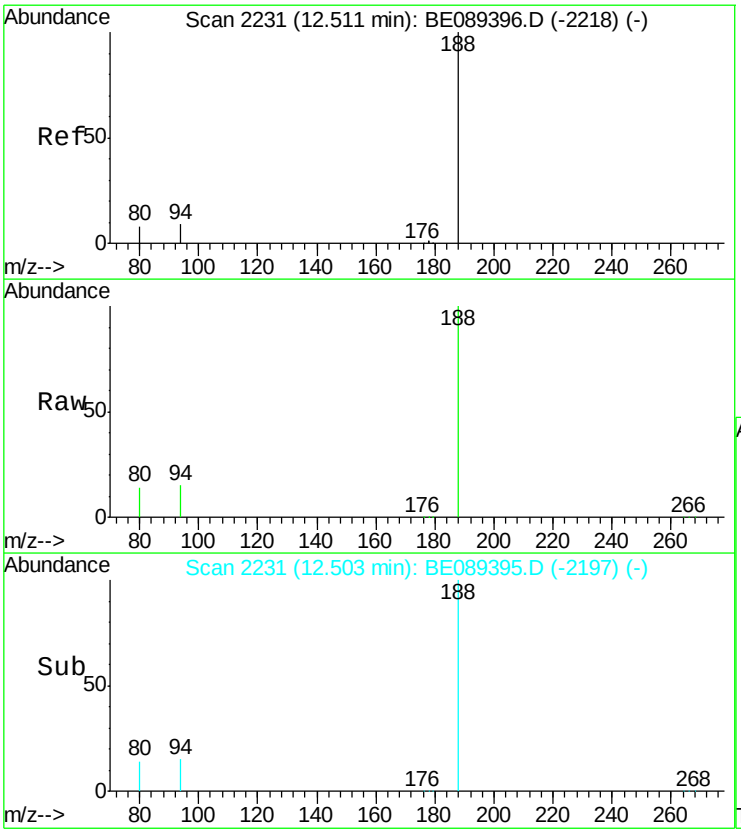
#11
Fluorene
Concen: 0.80 ng
RT: 11.18 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BE089395.D
Acq: 15 Jan 2015 16:18

Instrument :
BNA_M
LabSampleId :
SSTDICCC001

Tgt Ion:166 Resp: 8206

Ion	Ratio	Lower	Upper
166	100		
165	90.0	72.5	108.7
167	13.6	10.7	16.1

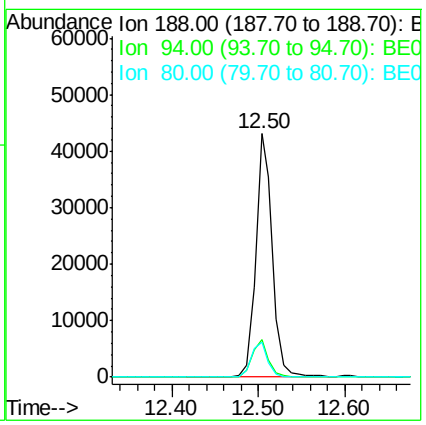


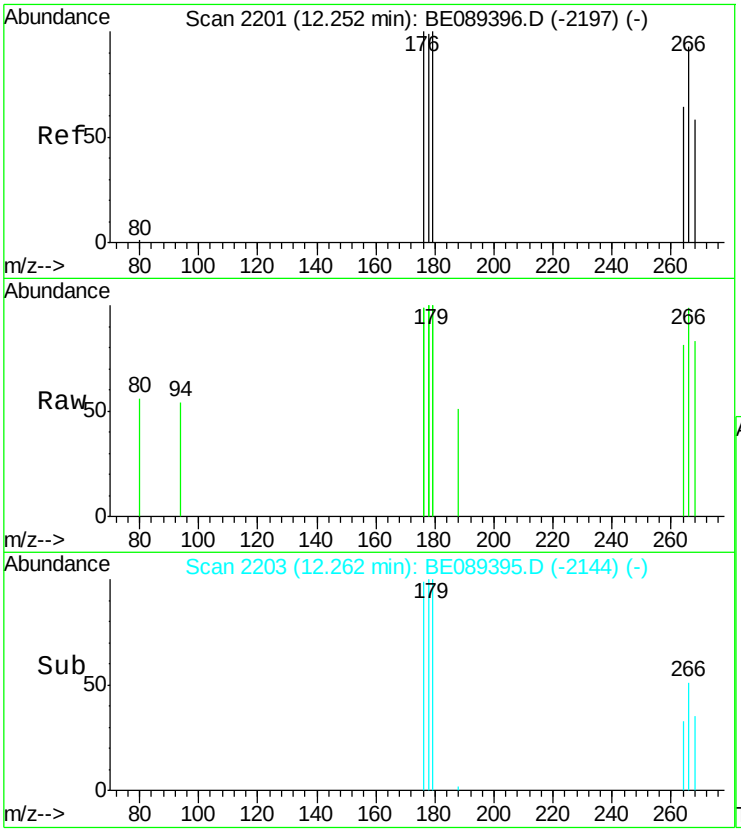


#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.50 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BE089395.D
Acq: 15 Jan 2015 16:18

Tgt Ion:188 Resp: 57428

Ion	Ratio	Lower	Upper
188	100		
94	15.4	7.6	11.4#
80	14.4	6.8	10.2#



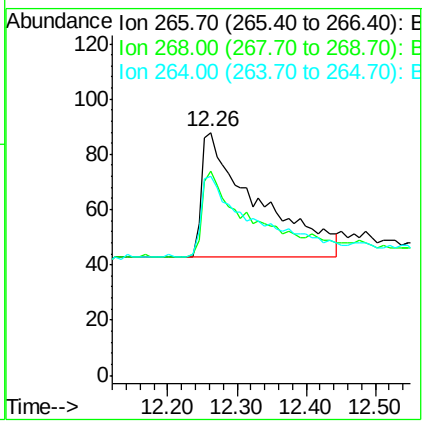


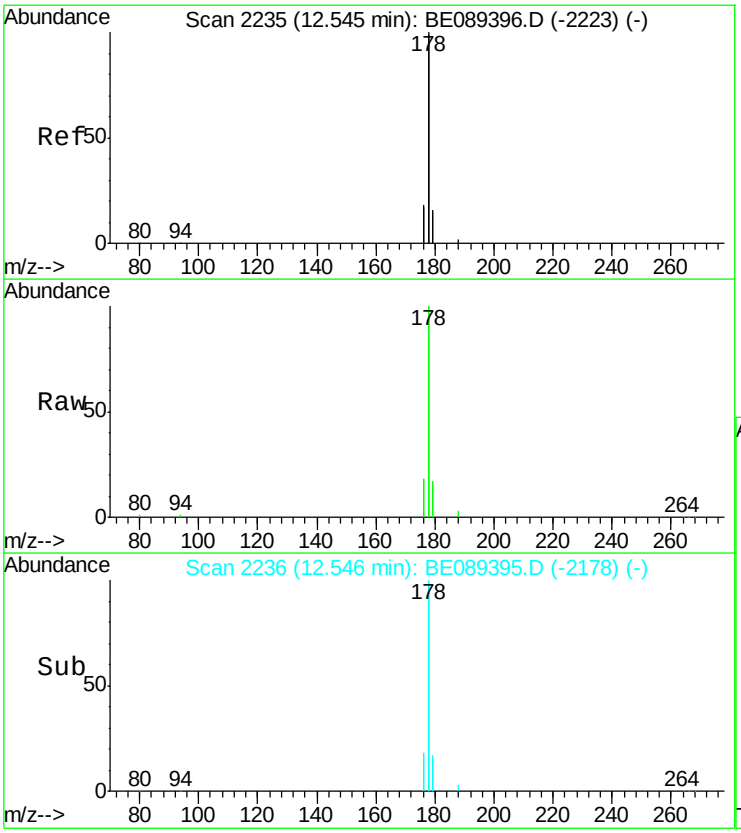
#13
Pentachlorophenol
Concen: 0.40 ng
RT: 12.26 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BE089395.D
Acq: 15 Jan 2015 16:18

Instrument :
BNA_M
LabSampleId :
SSTDICCC001

Tgt Ion:266 Resp: 246

Ion	Ratio	Lower	Upper
266	100		
268	84.1	60.5	90.7
264	81.8	63.6	95.4

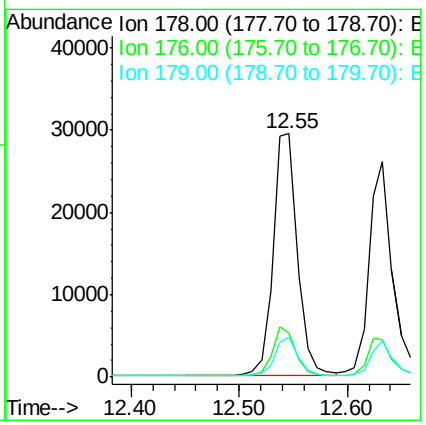


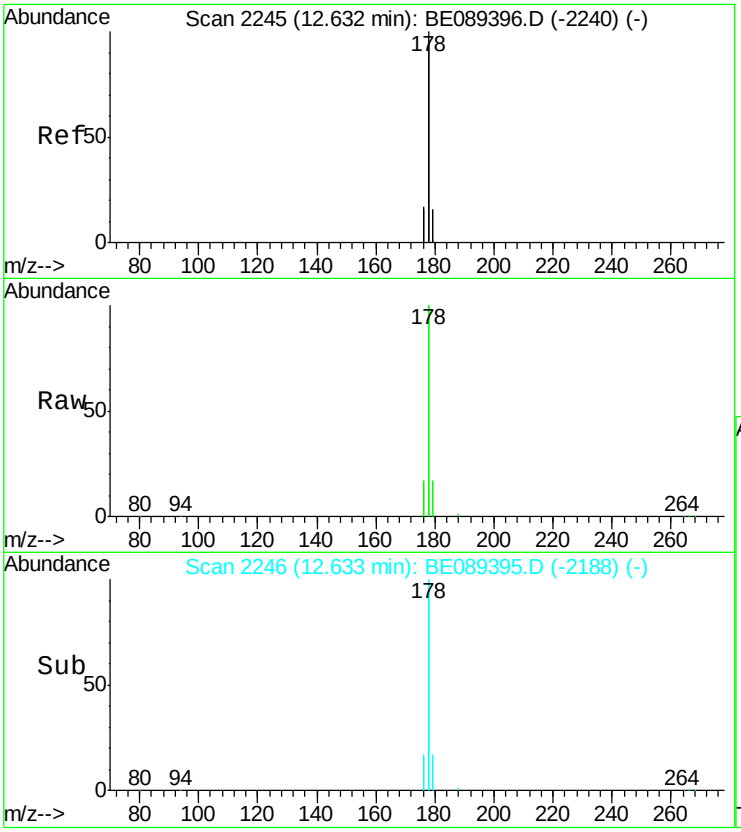


#14
Phenanthrene
Concen: 0.78 ng
RT: 12.55 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BE089395.D
Acq: 15 Jan 2015 16:18

Tgt Ion:178 Resp: 45767

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.5	12.3	18.5



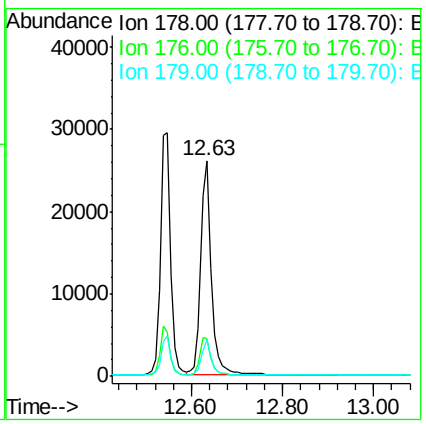


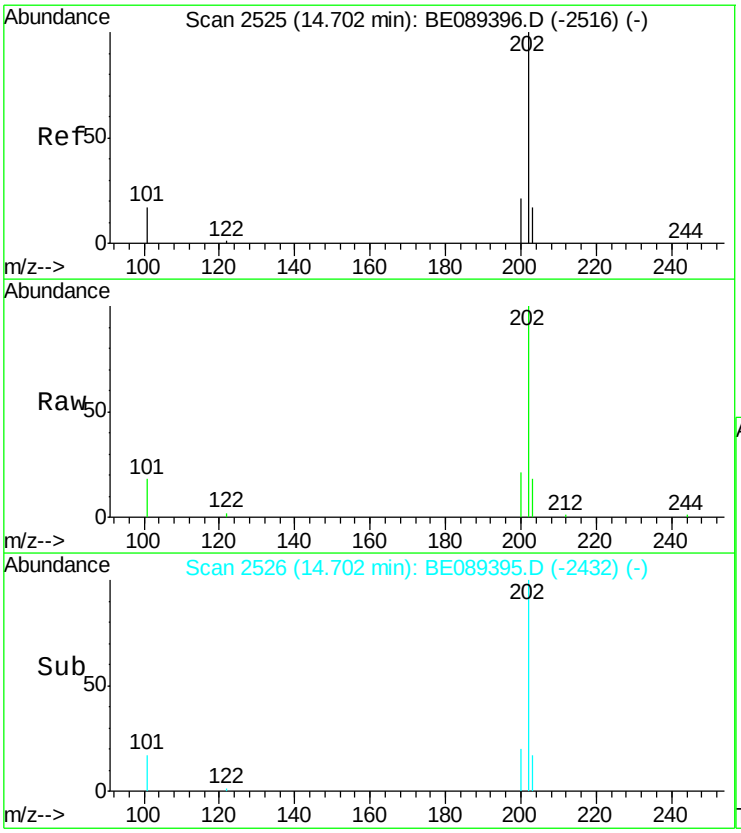
#15
Anthracene
Concen: 0.75 ng
RT: 12.63 min Scan# 2246
Delta R.T. 0.00 min
Lab File: BE089395.D
Acq: 15 Jan 2015 16:18

Instrument :
BNA_M
LabSampleId :
SSTDICCC001

Tgt Ion:178 Resp: 41096

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.4	21.6
179	15.0	12.0	18.0

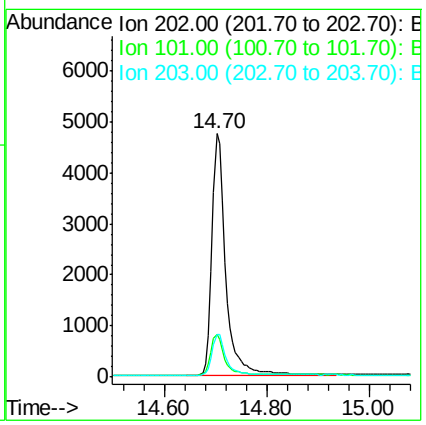


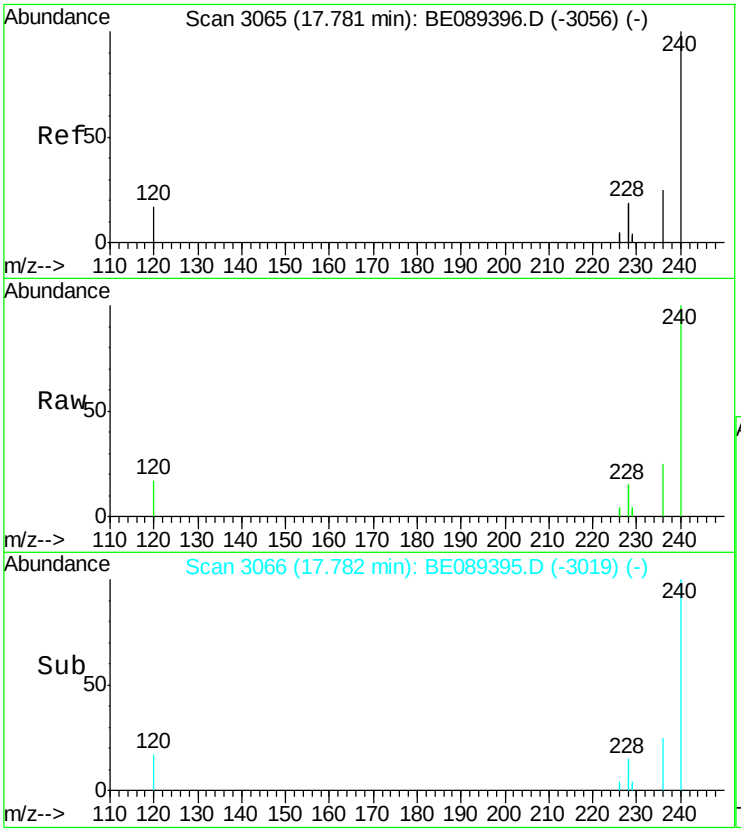


#16
Fluoranthene
Concen: 0.77 ng
RT: 14.70 min Scan# 2526
Delta R.T. 0.00 min
Lab File: BE089395.D
Acq: 15 Jan 2015 16:18

Tgt Ion:202 Resp: 8642

Ion	Ratio	Lower	Upper
202	100		
101	16.8	13.2	19.8
203	17.0	13.5	20.3



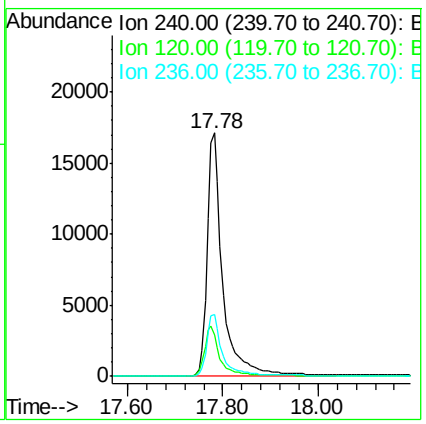


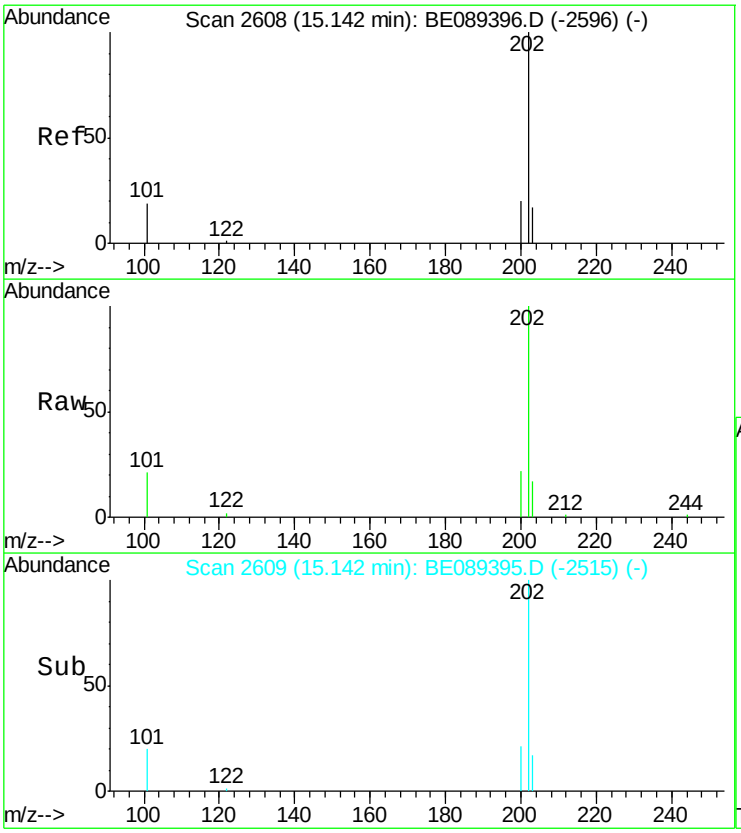
#17
Chrysene-d12
Concen: 5.00 ng
RT: 17.78 min Scan# 3066
Delta R.T. 0.00 min
Lab File: BE089395.D
Acq: 15 Jan 2015 16:18

Instrument :
BNA_M
LabSampleId :
SSTDICCC001

Tgt Ion:240 Resp: 38814

Ion	Ratio	Lower	Upper
240	100		
120	17.0	14.2	21.2
236	25.4	20.6	30.8

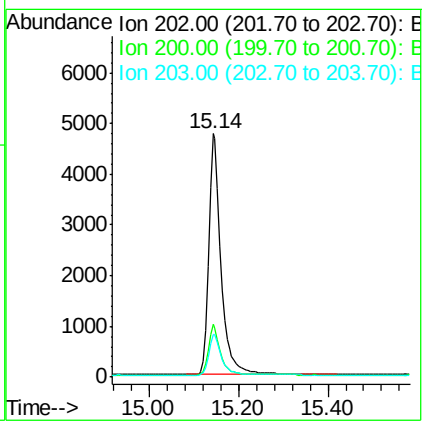


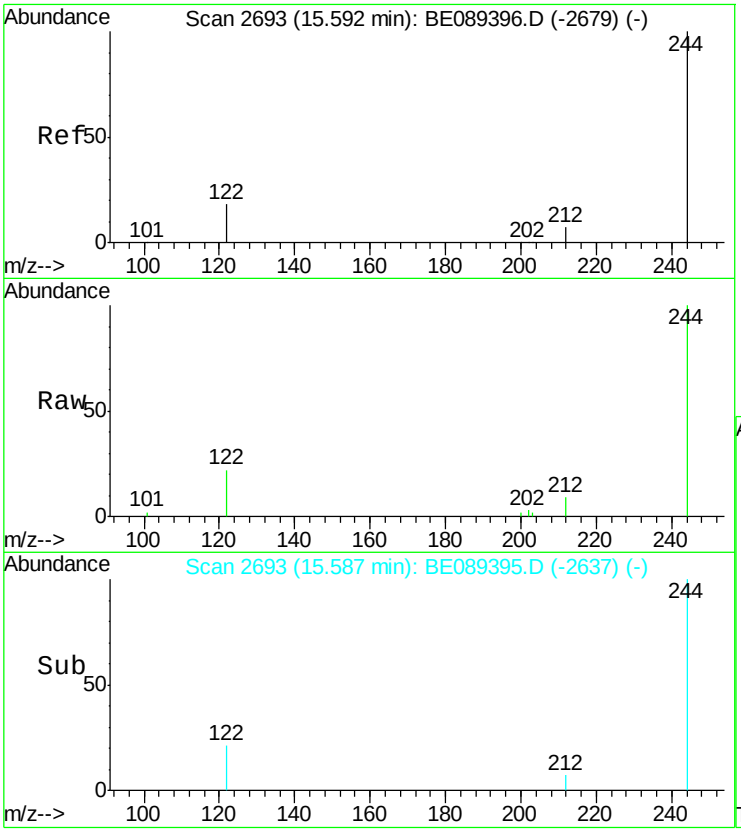


#18
Pyrene
Concen: 0.73 ng
RT: 15.14 min Scan# 2609
Delta R.T. 0.00 min
Lab File: BE089395.D
Acq: 15 Jan 2015 16:18

Tgt Ion:202 Resp: 9170

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.2	24.2
203	17.1	13.7	20.5



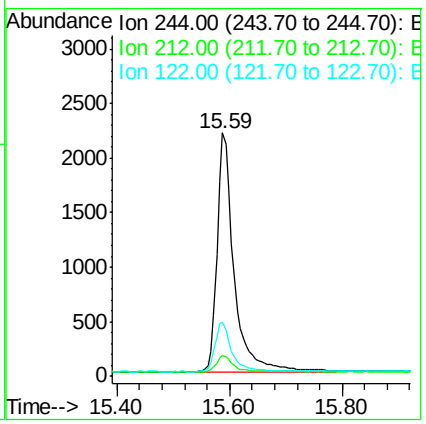


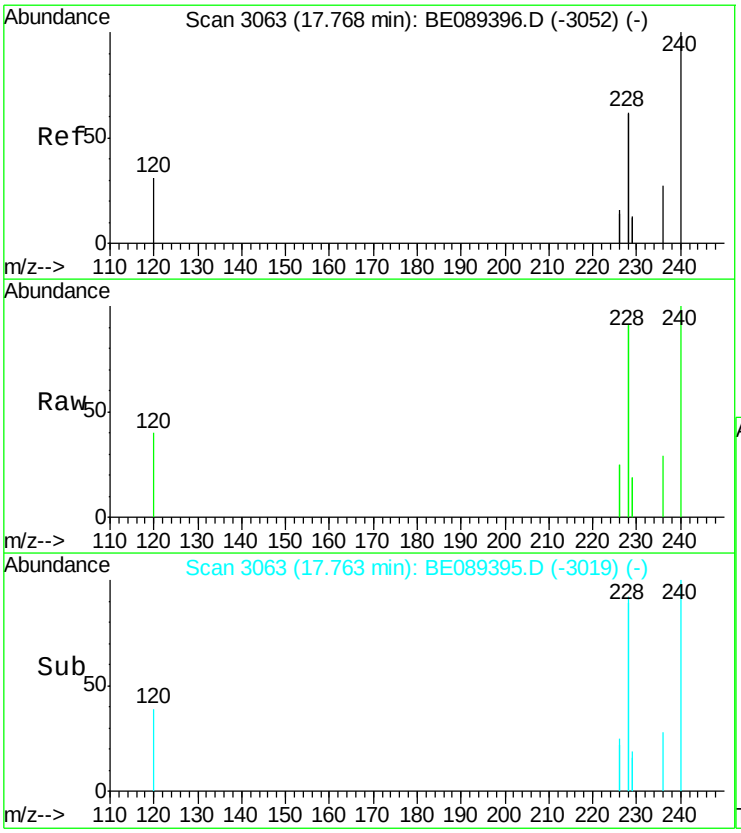
#19
Terphenyl-d14
Concen: 0.70 ng
RT: 15.59 min Scan# 2693
Delta R.T. -0.00 min
Lab File: BE089395.D
Acq: 15 Jan 2015 16:18

Instrument :
BNA_M
LabSampleId :
SSTDICCC001

Tgt Ion:244 Resp: 4574

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.7	10.1
122	22.2	15.7	23.5

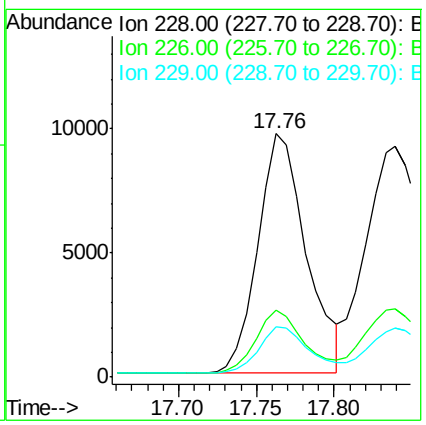


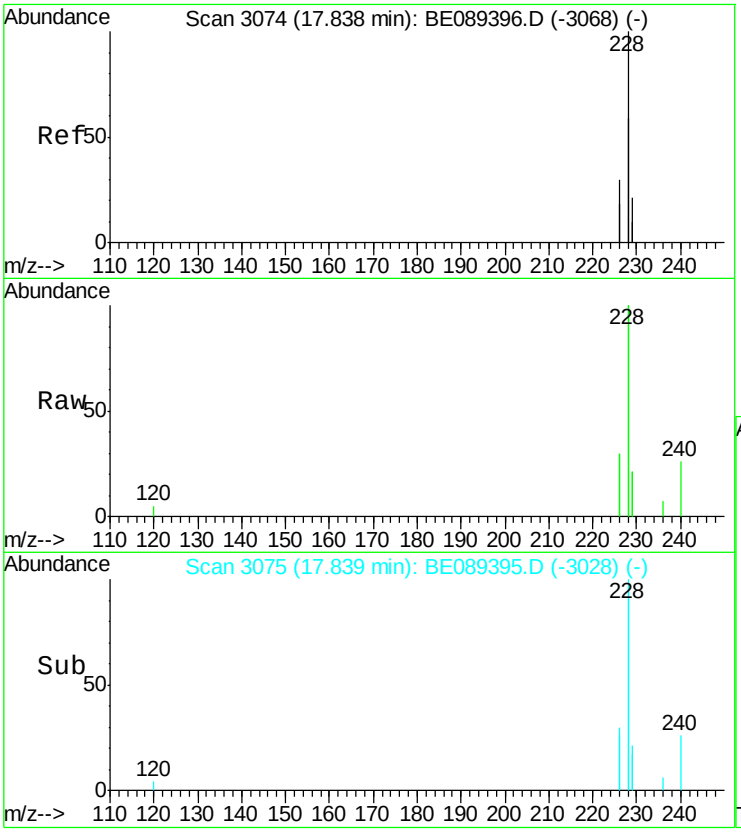


#20
Benzo(a)anthracene
Concen: 0.60 ng
RT: 17.76 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BE089395.D
Acq: 15 Jan 2015 16:18

Tgt Ion:228 Resp: 20806

Ion	Ratio	Lower	Upper
228	100		
226	27.4	20.6	31.0
229	20.5	17.1	25.7



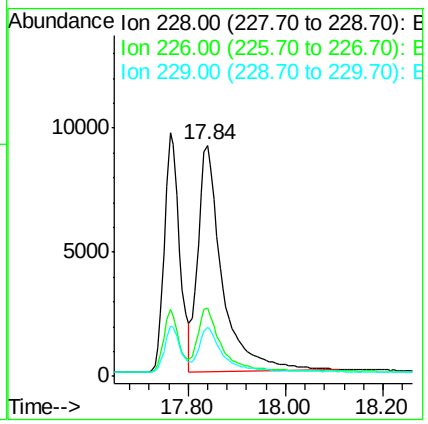


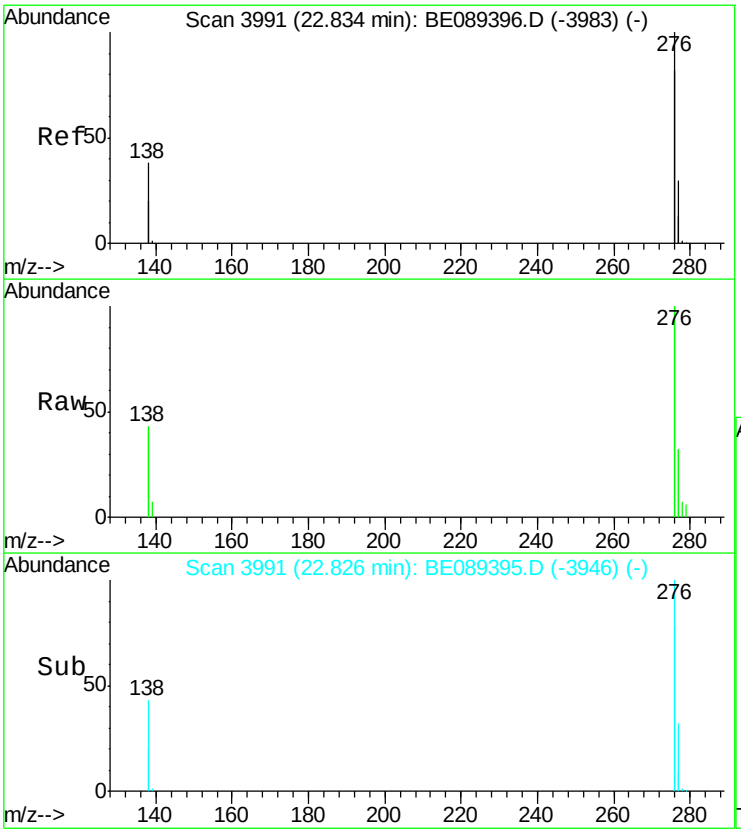
#21
Chrysene
Concen: 0.79 ng
RT: 17.84 min Scan# 3075
Delta R.T. 0.00 min
Lab File: BE089395.D
Acq: 15 Jan 2015 16:18

Instrument :
BNA_M
LabSampleId :
SSTDICCC001

Tgt Ion:228 Resp: 31307

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.4
229	21.2	16.5	24.7

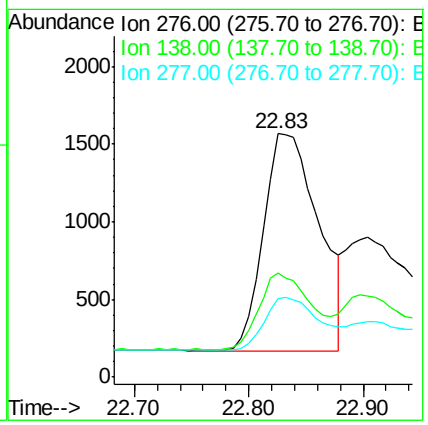


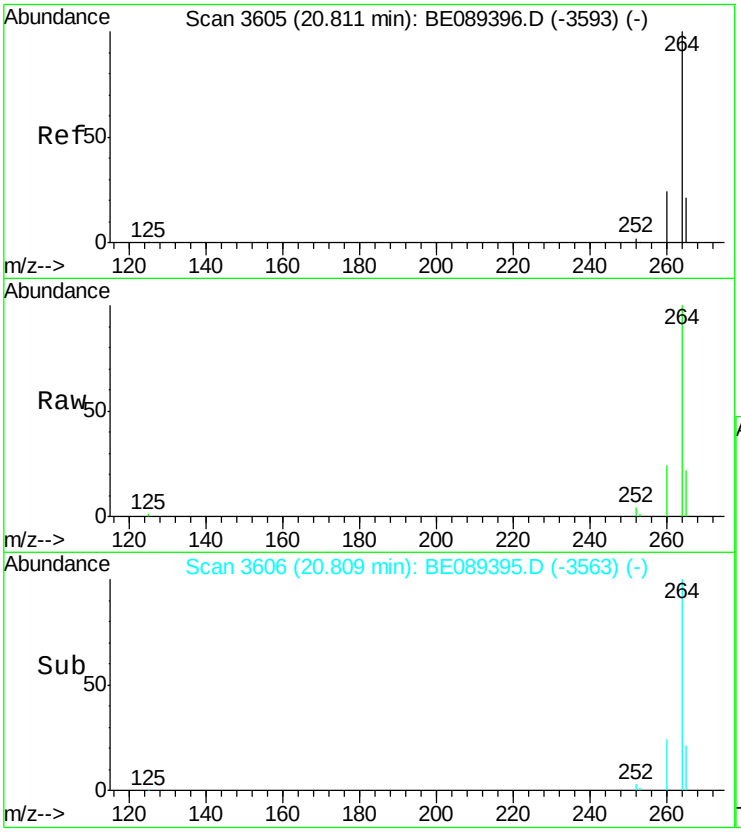


#22
Indeno(1,2,3-cd)pyrene
Concen: 0.20 ng
RT: 22.83 min Scan# 3991
Delta R.T. -0.01 min
Lab File: BE089395.D
Acq: 15 Jan 2015 16:18

Tgt Ion:276 Resp: 4708

Ion	Ratio	Lower	Upper
276	100		
138	33.4	15.0	22.6#
277	23.9	11.4	17.2#



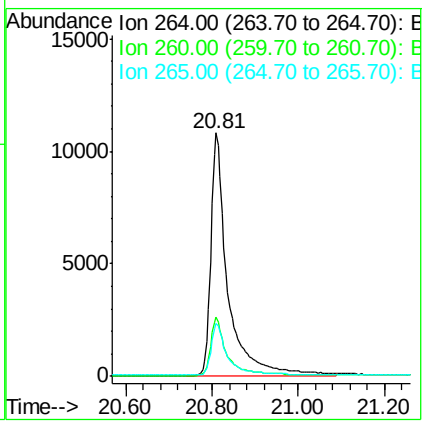


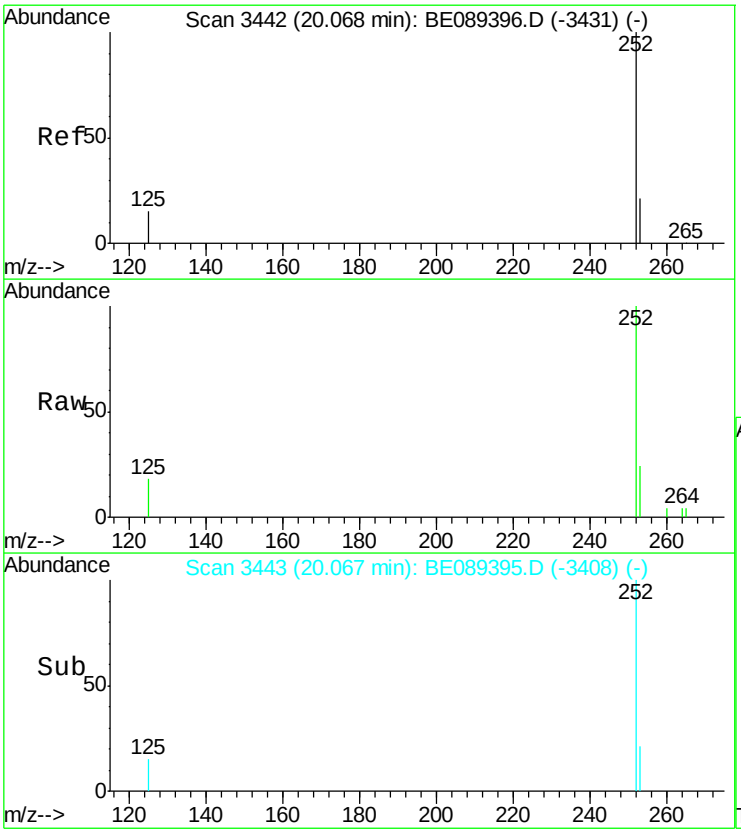
#23
Perylene-d12
Concen: 5.00 ng
RT: 20.81 min Scan# 3606
Delta R.T. -0.00 min
Lab File: BE089395.D
Acq: 15 Jan 2015 16:18

Instrument :
BNA_M
LabSampleId :
SSTDICCC001

Tgt Ion:264 Resp: 29551

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

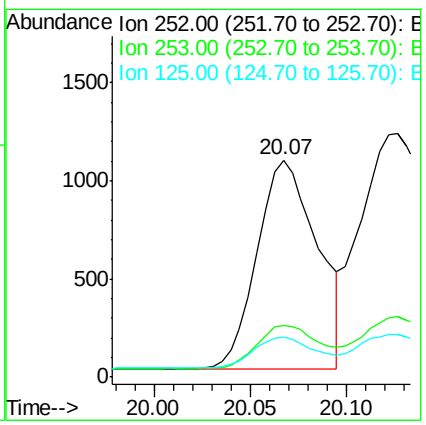


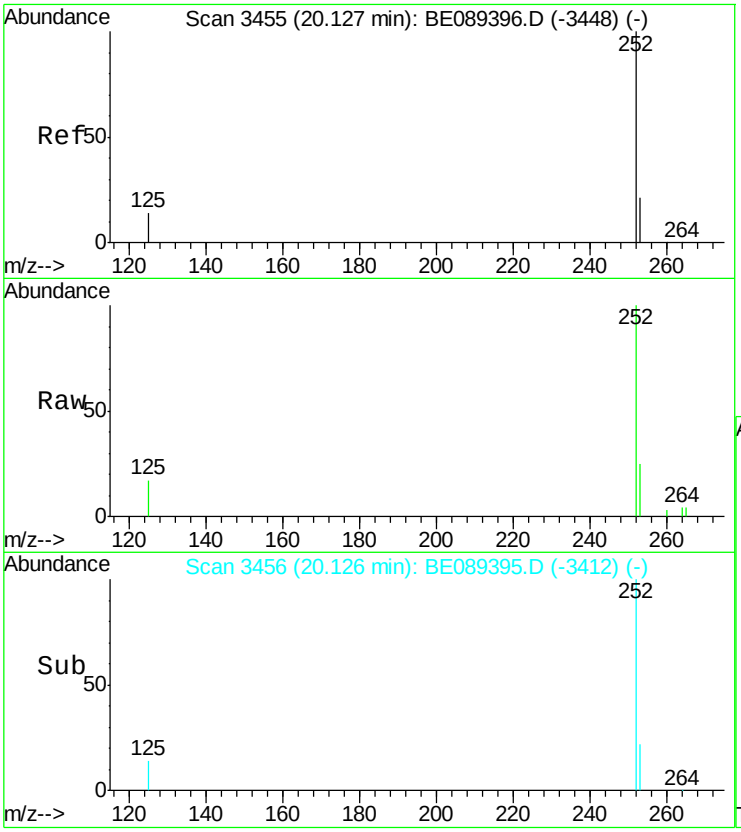


#24
Benzo(b)fluoranthene
Concen: 0.45 ng
RT: 20.07 min Scan# 3443
Delta R.T. -0.00 min
Lab File: BE089395.D
Acq: 15 Jan 2015 16:18

Tgt Ion:252 Resp: 2303

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.1	28.7
125	18.3	14.5	21.7



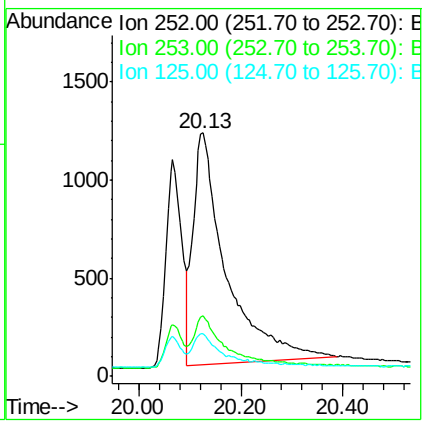


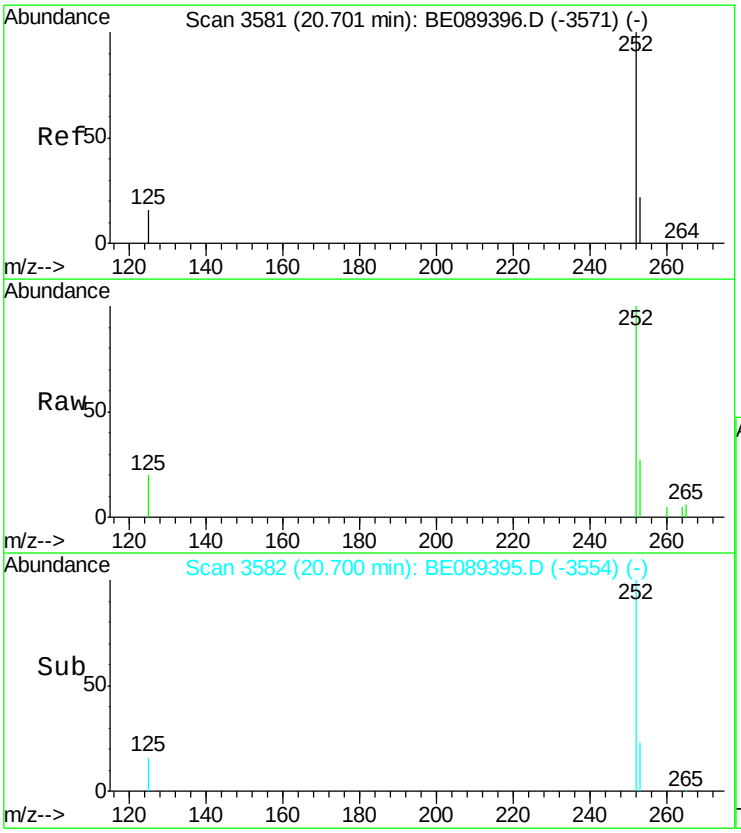
#25
Benzo(k)fluoranthene
Concen: 0.66 ng
RT: 20.13 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BE089395.D
Acq: 15 Jan 2015 16:18

Instrument :
BNA_M
LabSampleId :
SSTDICCC001

Tgt Ion:252 Resp: 5287

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.7	28.1
125	17.3	13.1	19.7

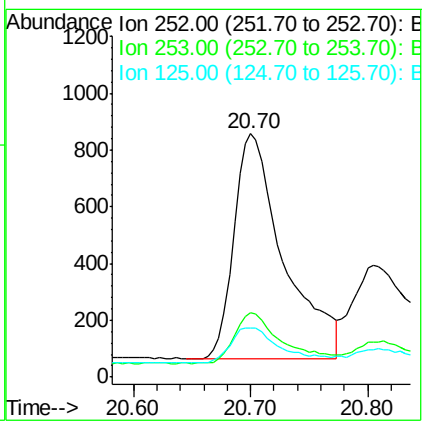


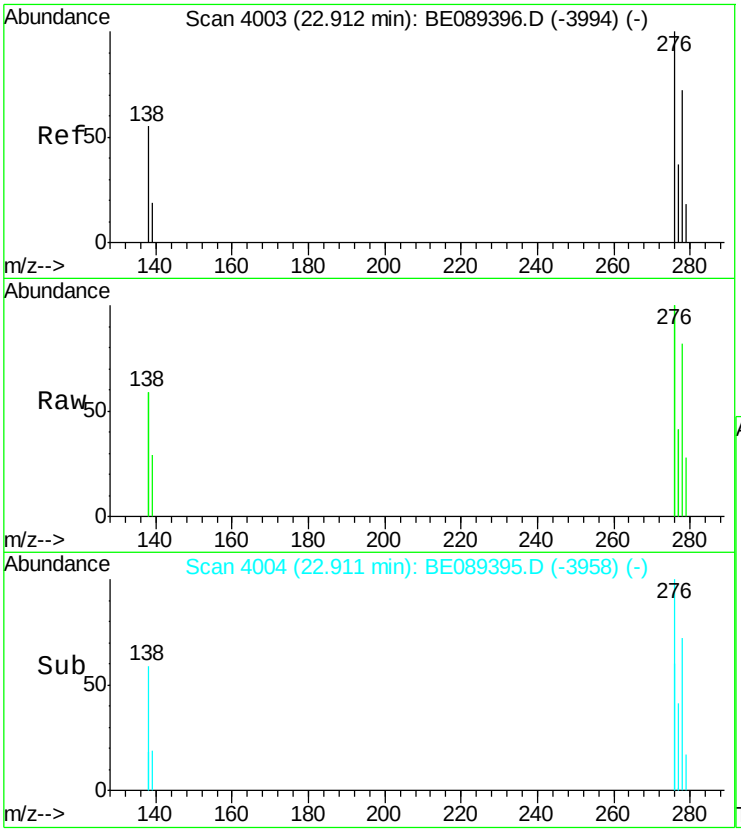


#26
Benzo(a)pyrene
Concen: 0.46 ng
RT: 20.70 min Scan# 3582
Delta R.T. -0.00 min
Lab File: BE089395.D
Acq: 15 Jan 2015 16:18

Tgt Ion:252 Resp: 2344

Ion	Ratio	Lower	Upper
252	100		
253	26.6	20.0	30.0
125	20.3	15.4	23.2



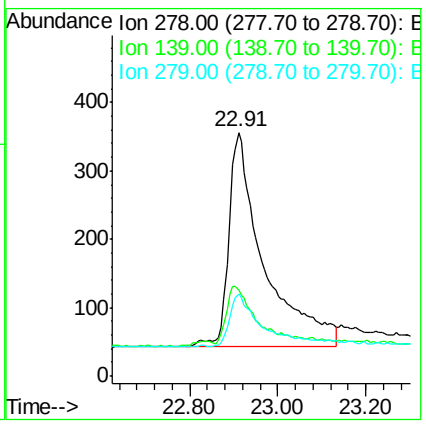


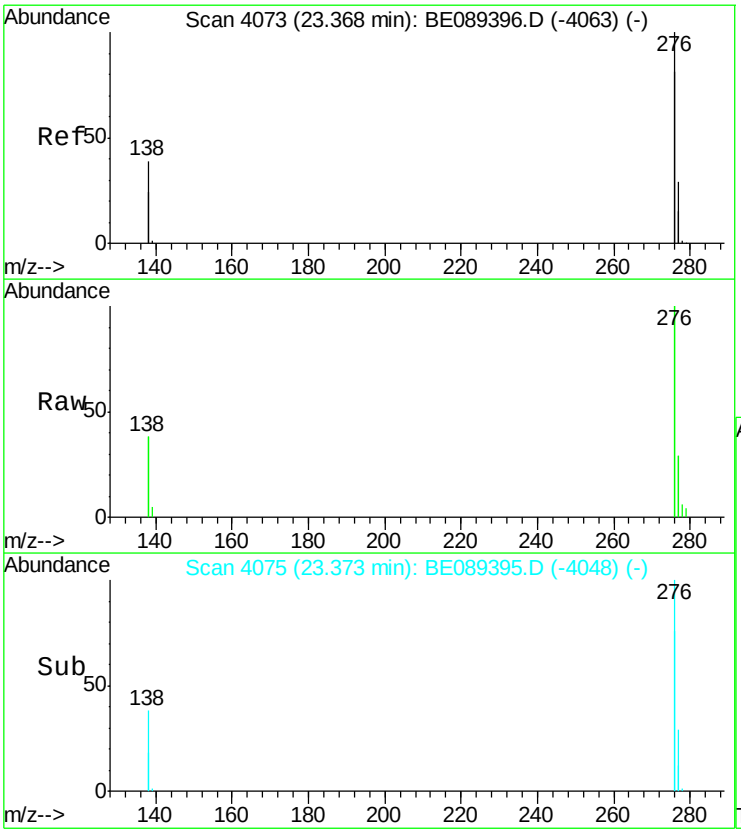
#27
Dibenzo(a,h)anthracene
Concen: 0.43 ng
RT: 22.91 min Scan# 4004
Delta R.T. -0.00 min
Lab File: BE089395.D
Acq: 15 Jan 2015 16:18

Instrument :
BNA_M
LabSampleId :
SSTDICCC001

Tgt Ion:278 Resp: 1731

Ion	Ratio	Lower	Upper
278	100		
139	35.4	26.8	40.2
279	33.7	25.4	38.0





#28
Benzo(g,h,i)perylene
Concen: 0.52 ng
RT: 23.37 min Scan# 4075
Delta R.T. 0.01 min
Lab File: BE089395.D
Acq: 15 Jan 2015 16:18

Tgt Ion:276 Resp: 12071

Ion	Ratio	Lower	Upper
276	100		
277	29.2	22.9	34.3
138	37.9	31.2	46.8