Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020515\
Data File : BE089501.D
Acq On : 5 Feb 2015 12:01
Operator : TP/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDICC005

Quant Time: Feb 06 02:48:23 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE020515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 06 02:40:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.49	152	28909	5.00	ng	0.00
2) Naphthalene-d8	12.40	136	120078	5.00	ng	0.00
6) Acenaphthene-d10	16.59	164	57584	5.00	ng	0.00
11) Phenanthrene-d10	19.90	188	110666	5.00	ng	0.00
16) Chrysene-d12	23.77	240	120459	5.00	ng	0.00
22) Perylene-d12	25.46	264	117266	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	10.76	82	47256	5.16	ng	0.00
7) 2-Fluorobiphenyl	15.03	172	84171	4.64	ng	0.00
18) Terphenyl-d14	22.40	244	101687	4.85	ng	0.00
Target Compounds						Qvalue
4) Naphthalene	12.45	128	143543	4.75	ng	99
5) 2-Methylnaphthalene	14.11	142	95923	4.84	ng	100
8) Acenaphthylene	16.24	152	611313	4.95	ng	100
9) Acenaphthene	16.66	154	88061	4.64	ng	99
10) Fluorene	17.91	166	102926	4.87	ng	99
12) Pentachlorophenol	19.58	266	7245	6.66	ng	94
13) Phenanthrene	19.95	178	156838	4.67	ng	99
14) Anthracene	20.04	178	153262	5.10	ng	100
15) Fluoranthene	21.84	202	160761	5.01	ng	100
17) Pyrene	22.15	202	167759	4.87	ng	100
19) Benzo(a)anthracene	23.75	228	637936	4.83	ng	97
20) Chrysene	23.79	228	630076	4.64	ng	97
21) Indeno(1,2,3-cd)pyrene	26.93	276	727501	5.15	ng	99
23) Benzo(b)fluoranthene	25.02	252	150749	5.53	ng	99
24) Benzo(k)fluoranthene	25.05	252	177270	4.74	ng	99
25) Benzo(a)pyrene	25.39	252	152068	5.50	ng	99
26) Dibenzo(a,h)anthracene	26.95	278	156043	5.29	ng	99
27) Benzo(g,h,i)perylene	27.36	276	592779	4.92	ng	99

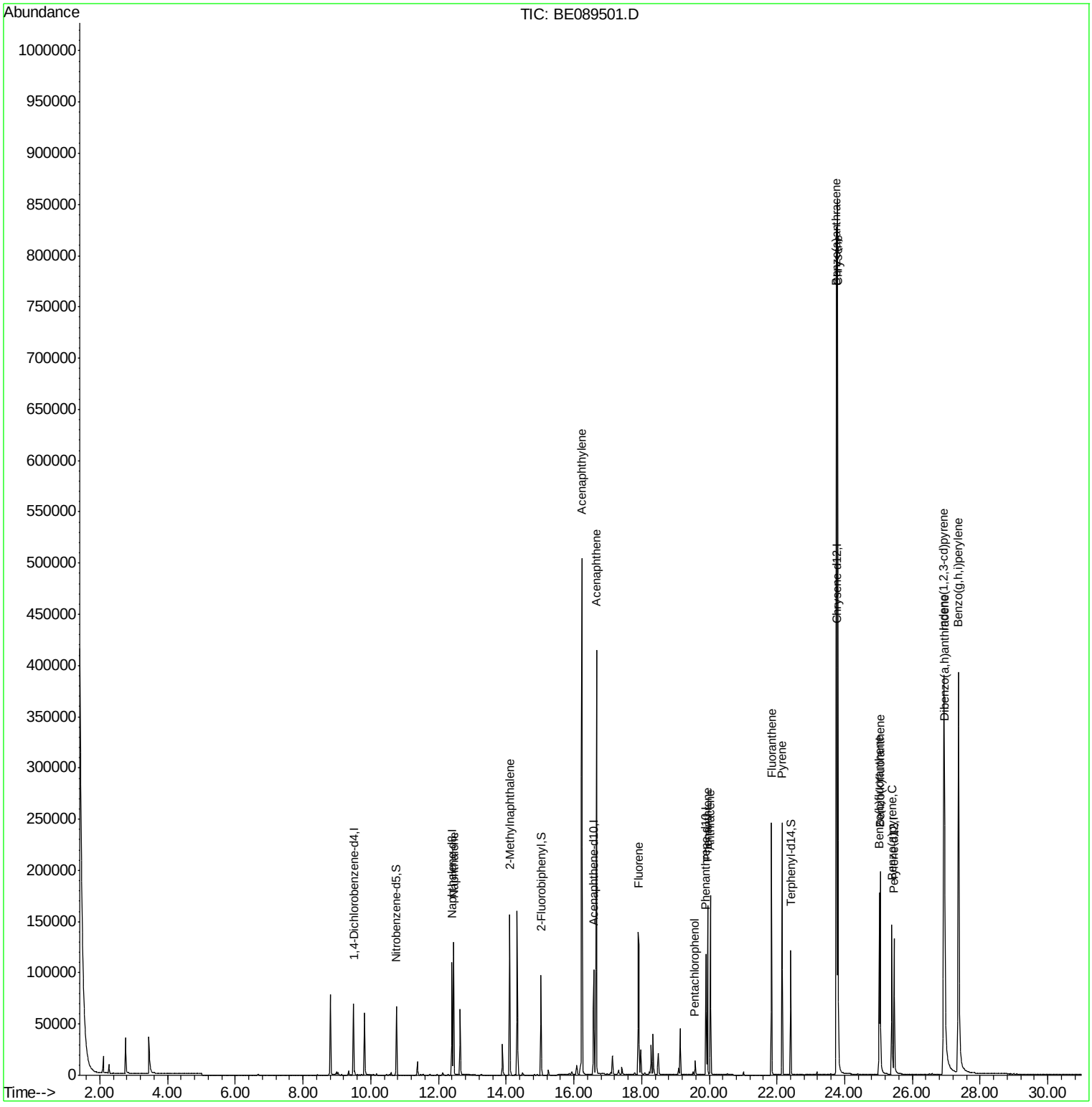
(#) = qualifier out of range (m) = manual integration (+) = signals summed

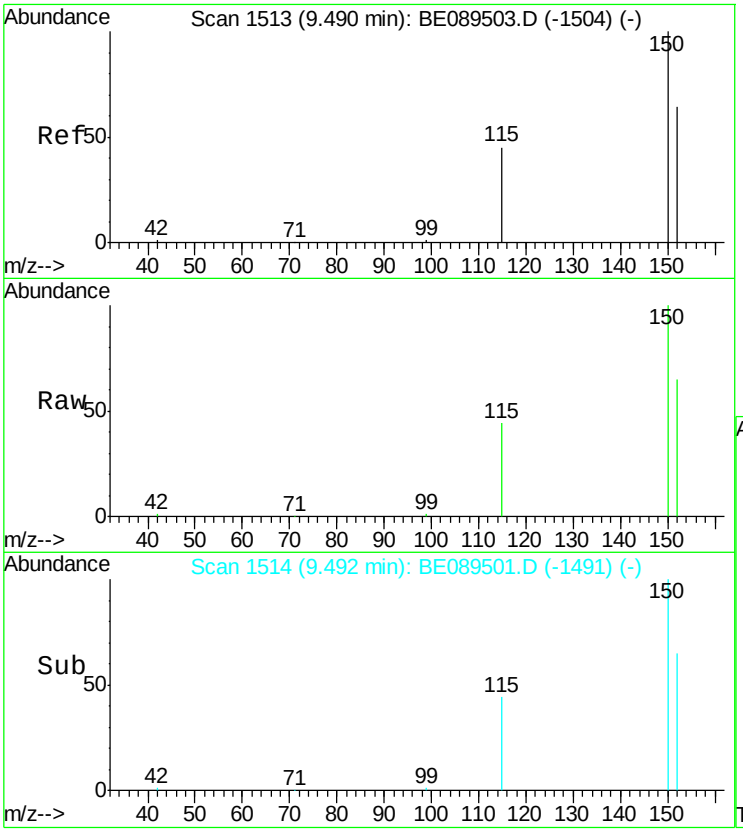
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020515\
Data File : BE089501.D
Acq On : 5 Feb 2015 12:01
Operator : TP/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Quant Time: Feb 06 02:48:23 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE020515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 06 02:40:17 2015
Response via : Initial Calibration



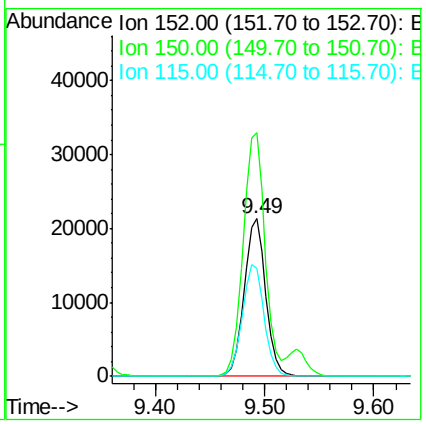


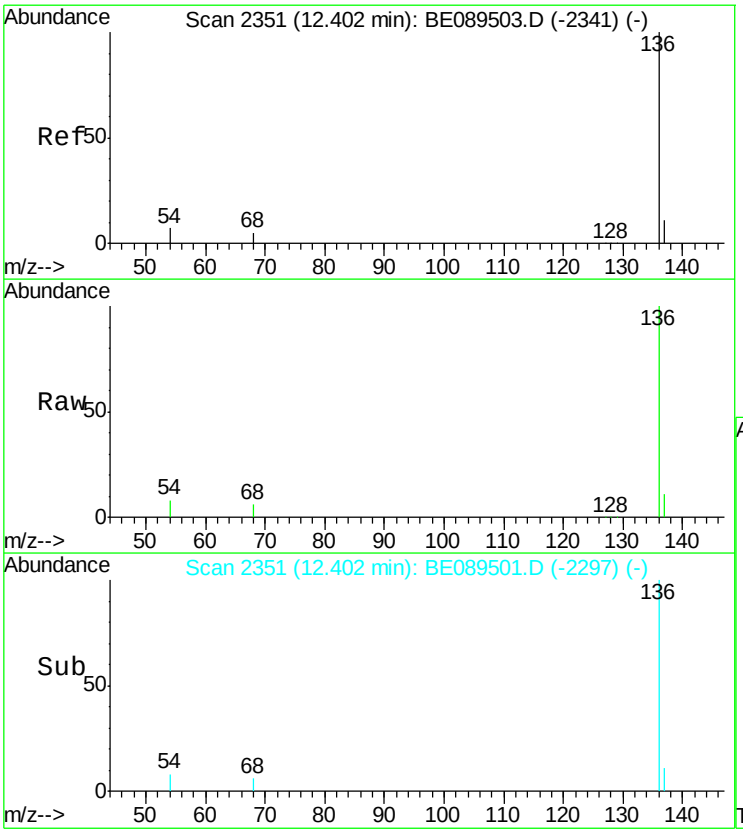
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.49 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BE089501.D
Acq: 5 Feb 2015 12:01

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:152 Resp: 28909

Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.0	187.6
115	68.5	56.6	85.0

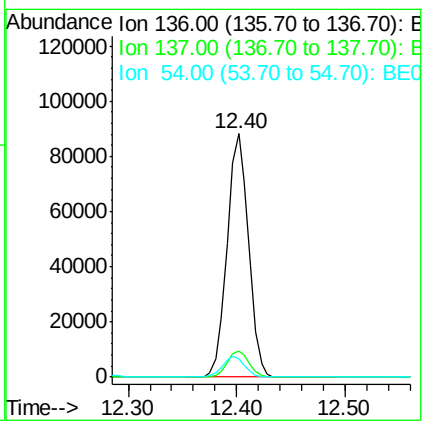


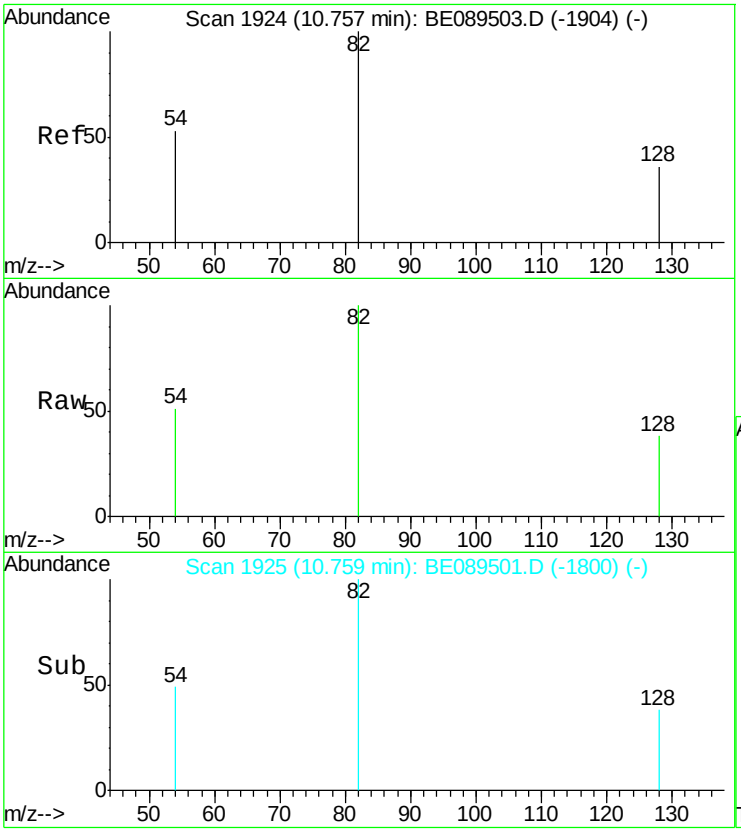


#2
Naphthalene-d8
Concen: 5.00 ng
RT: 12.40 min Scan# 2351
Delta R.T. 0.00 min
Lab File: BE089501.D
Acq: 5 Feb 2015 12:01

Tgt Ion:136 Resp: 120078

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	7.8	6.0	9.0



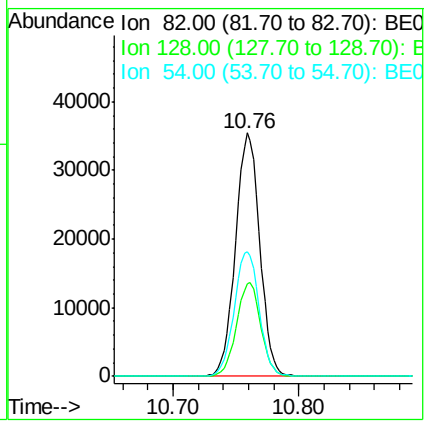


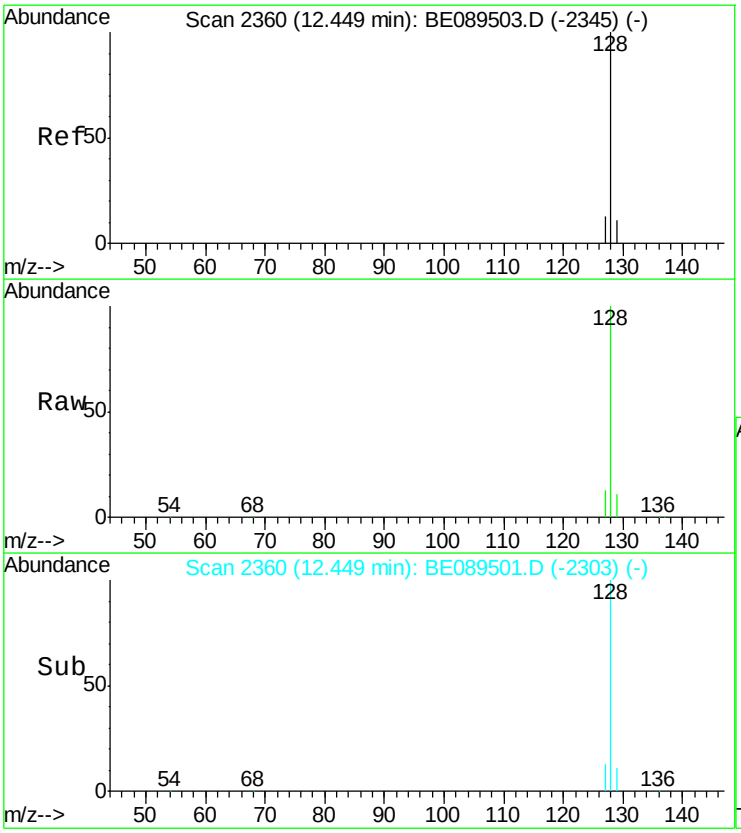
#3
Nitrobenzene-d5
Concen: 5.16 ng
RT: 10.76 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BE089501.D
Acq: 5 Feb 2015 12:01

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 47256

Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.3	43.9
54	51.2	42.6	64.0

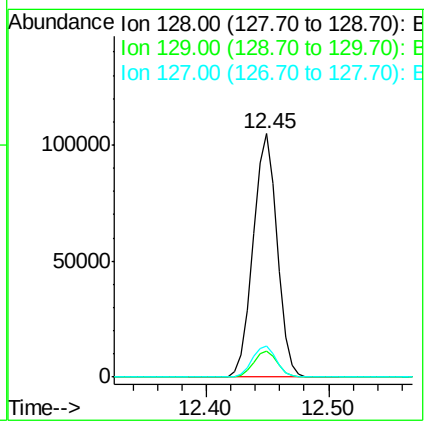


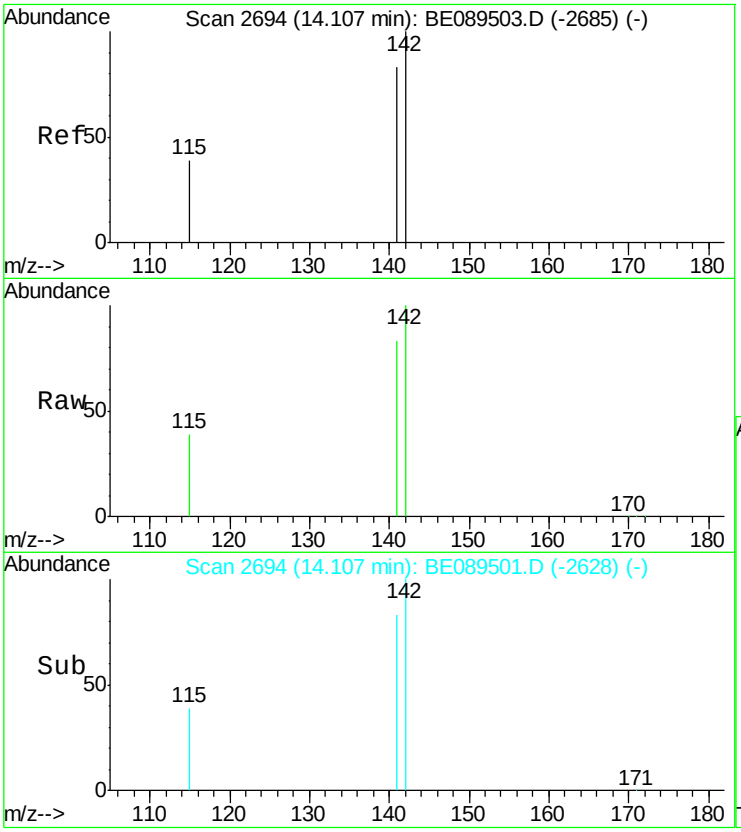


#4
Naphthalene
Concen: 4.75 ng
RT: 12.45 min Scan# 2360
Delta R.T. 0.00 min
Lab File: BE089501.D
Acq: 5 Feb 2015 12:01

Tgt Ion:128 Resp: 143543

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.8	10.3	15.5



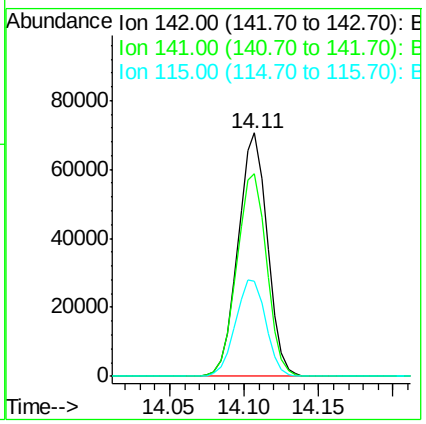


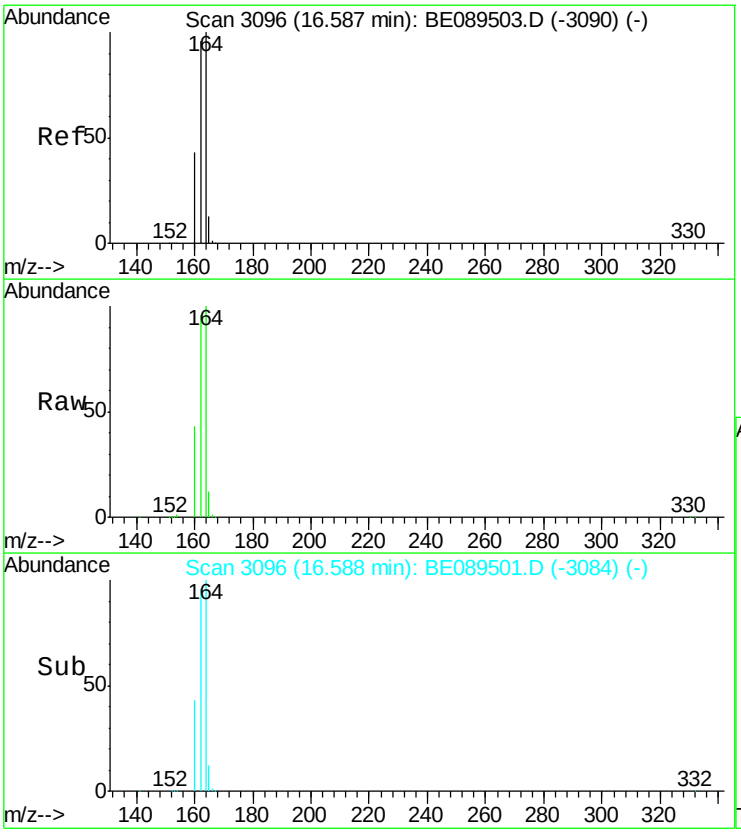
#5
2-Methylnaphthalene
Concen: 4.84 ng
RT: 14.11 min Scan# 2694
Delta R.T. 0.00 min
Lab File: BE089501.D
Acq: 5 Feb 2015 12:01

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:142 Resp: 95923

Ion	Ratio	Lower	Upper
142	100		
141	83.3	66.3	99.5
115	39.2	31.1	46.7

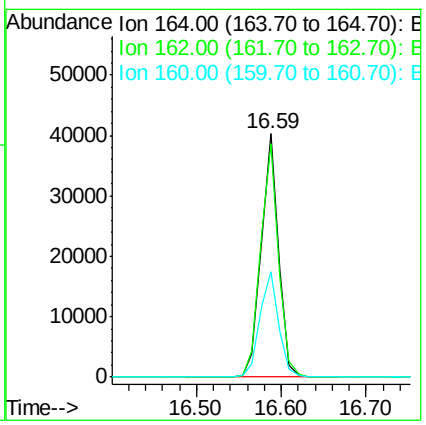


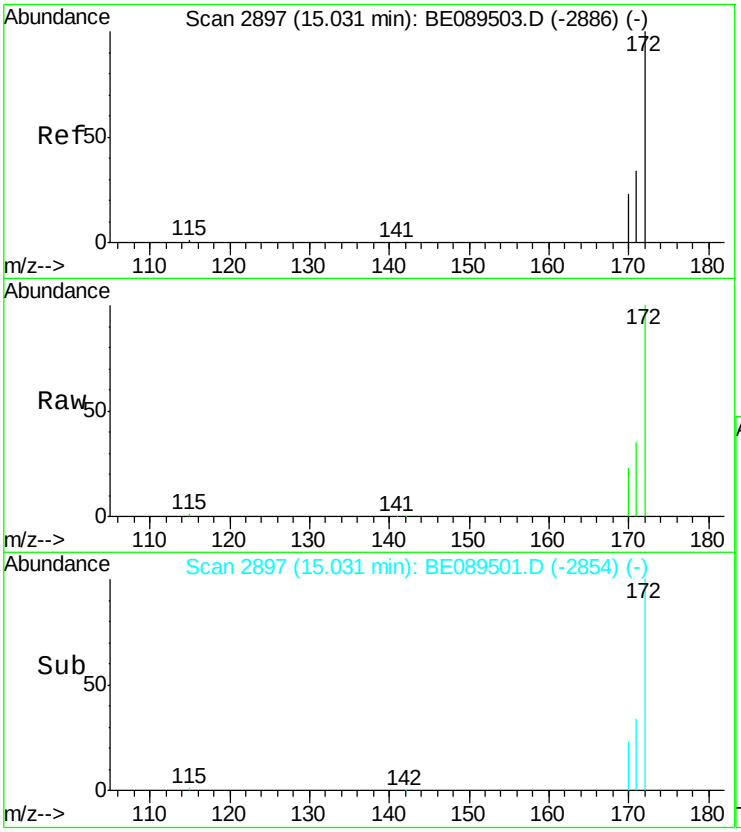


#6
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.59 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BE089501.D
Acq: 5 Feb 2015 12:01

Tgt Ion:164 Resp: 57584

Ion	Ratio	Lower	Upper
164	100		
162	95.7	76.6	115.0
160	43.1	34.6	52.0



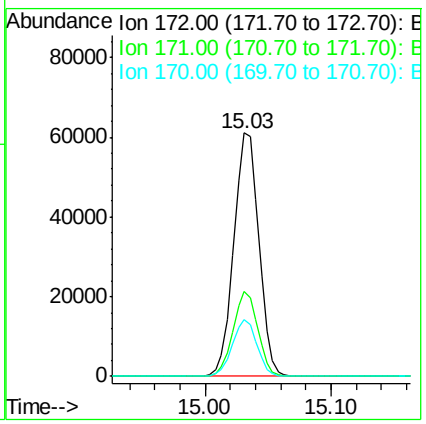


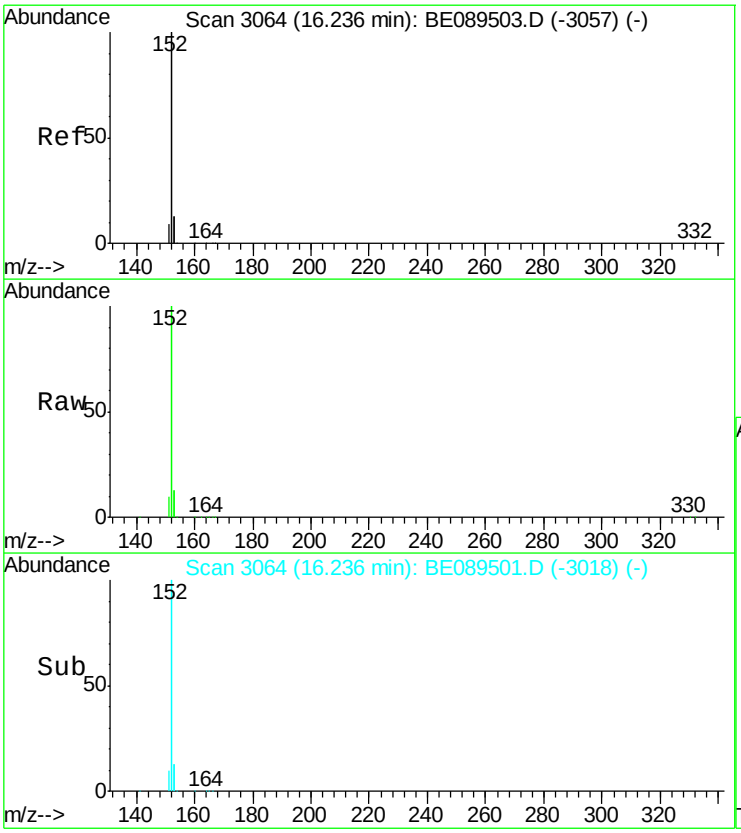
#7
2-Fluorobiphenyl
Concen: 4.64 ng
RT: 15.03 min Scan# 2897
Delta R.T. 0.00 min
Lab File: BE089501.D
Acq: 5 Feb 2015 12:01

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:172 Resp: 84171

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.4	41.0
170	23.5	18.4	27.6

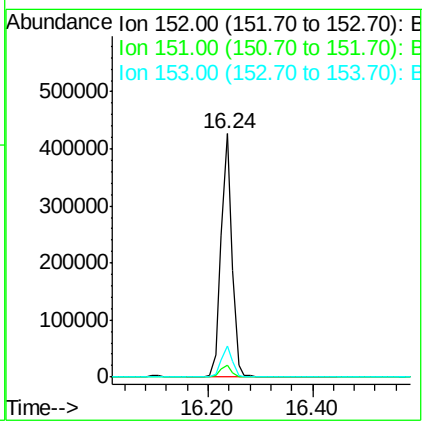


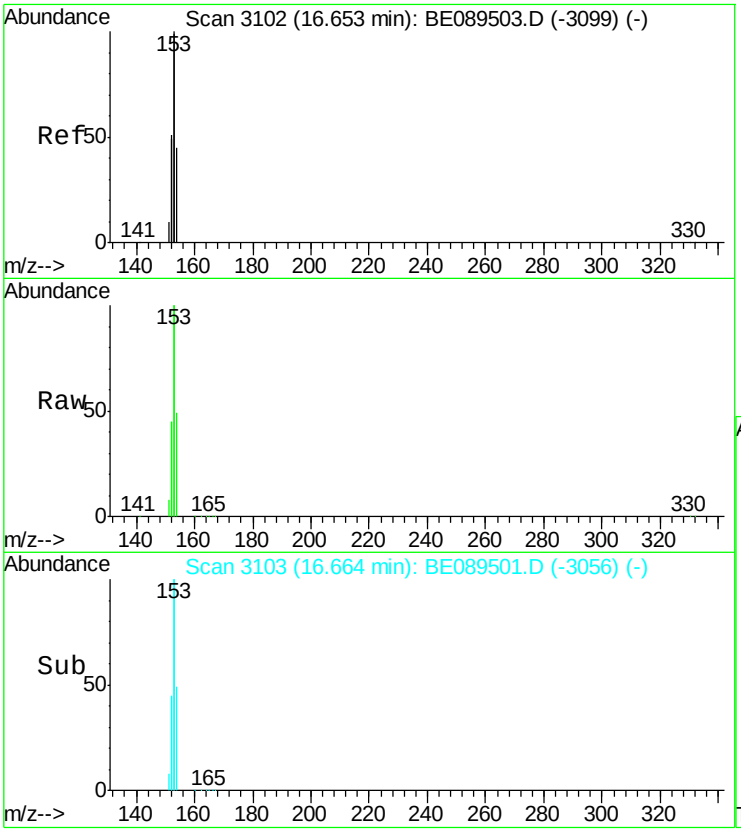


#8
Acenaphthylene
Concen: 4.95 ng
RT: 16.24 min Scan# 3064
Delta R.T. 0.00 min
Lab File: BE089501.D
Acq: 5 Feb 2015 12:01

Tgt Ion:152 Resp: 611313

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	12.9	10.4	15.6



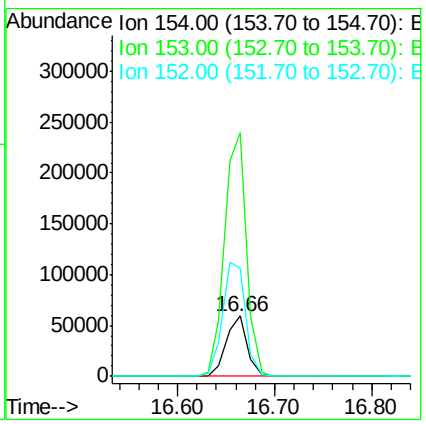


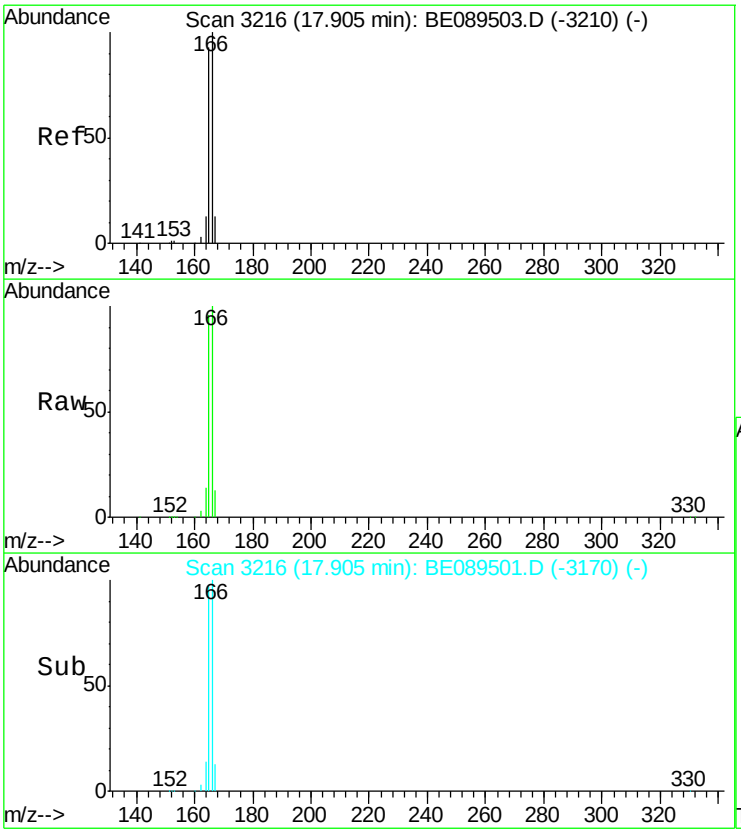
#9
Acenaphthene
Concen: 4.64 ng
RT: 16.66 min Scan# 3103
Delta R.T. 0.01 min
Lab File: BE089501.D
Acq: 5 Feb 2015 12:01

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:154 Resp: 88061

Ion	Ratio	Lower	Upper
154	100		
153	430.6	341.5	512.3
152	208.1	166.6	249.8

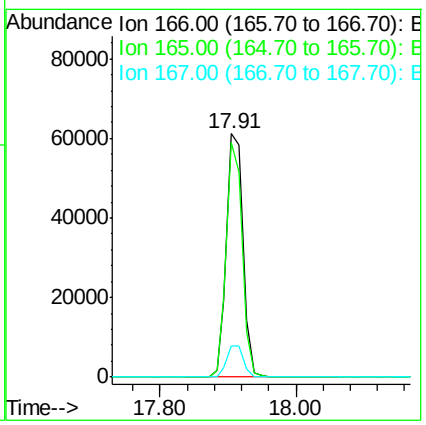


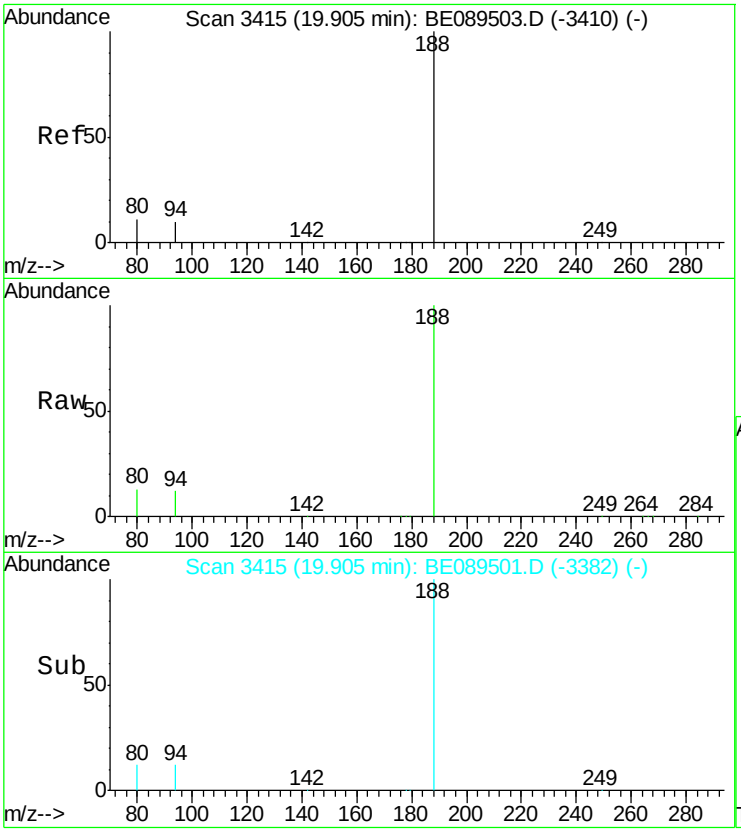


#10
Fluorene
Concen: 4.87 ng
RT: 17.91 min Scan# 3216
Delta R.T. 0.00 min
Lab File: BE089501.D
Acq: 5 Feb 2015 12:01

Tgt Ion:166 Resp: 102926

Ion	Ratio	Lower	Upper
166	100		
165	93.0	73.6	110.4
167	13.1	10.6	15.8



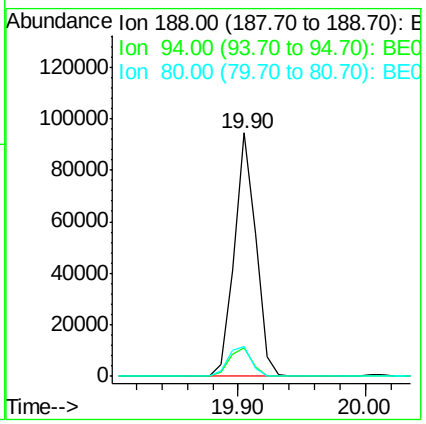


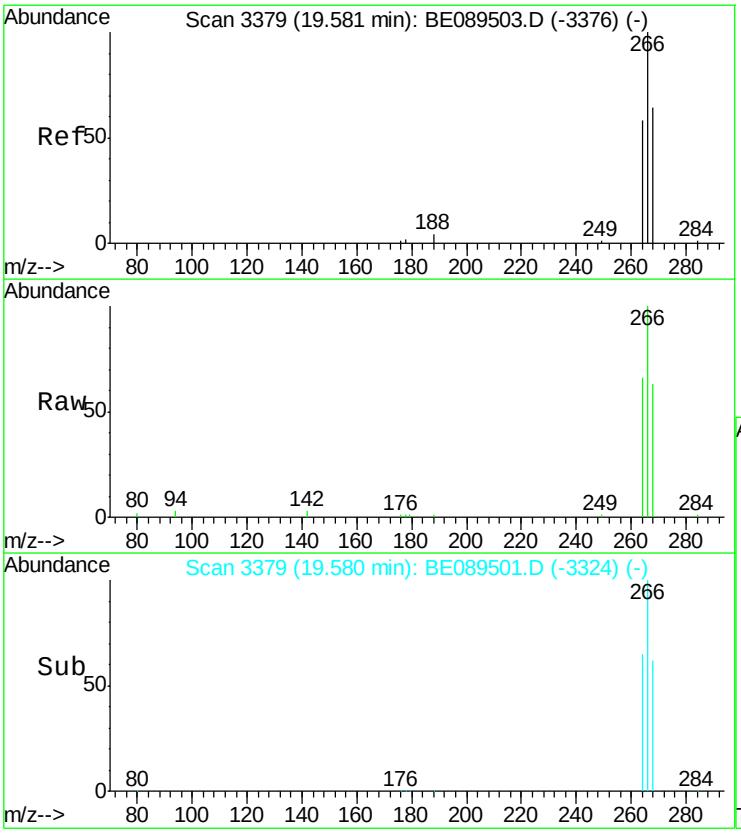
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.90 min Scan# 3415
Delta R.T. -0.00 min
Lab File: BE089501.D
Acq: 5 Feb 2015 12:01

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:188 Resp: 110666

Ion	Ratio	Lower	Upper
188	100		
94	12.0	8.2	12.4
80	12.5	8.7	13.1

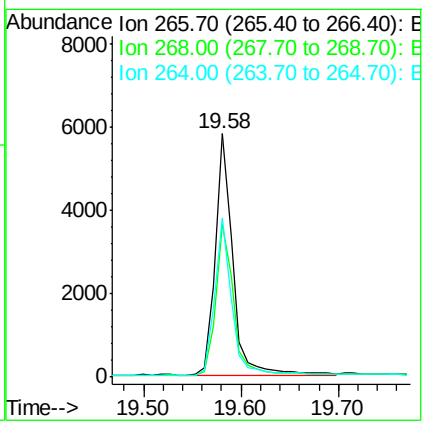


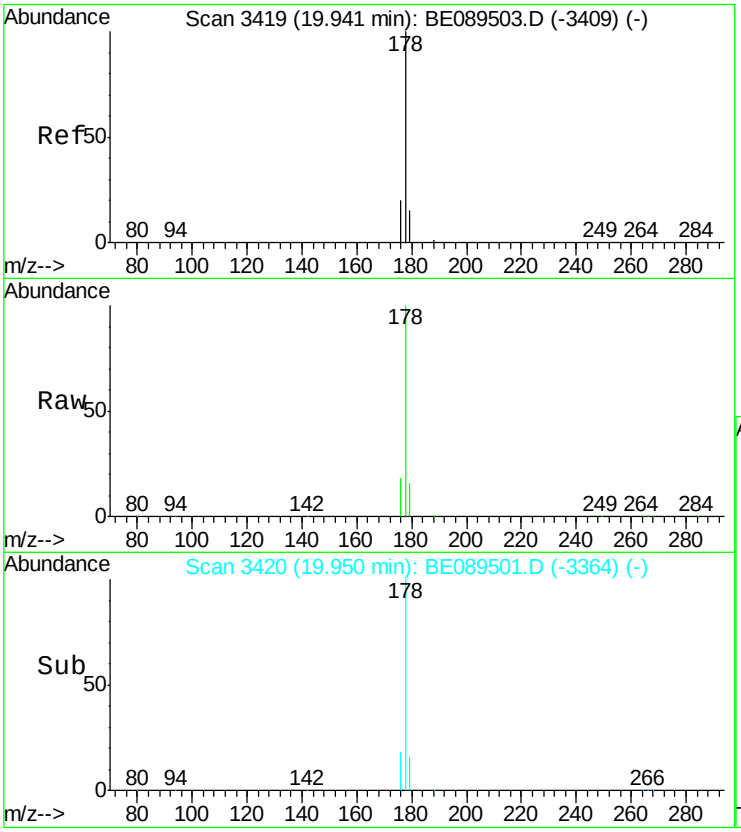


#12
Pentachlorophenol
Concen: 6.66 ng
RT: 19.58 min Scan# 3379
Delta R.T. -0.00 min
Lab File: BE089501.D
Acq: 5 Feb 2015 12:01

Tgt Ion:266 Resp: 7245

Ion	Ratio	Lower	Upper
266	100		
268	62.7	56.7	85.1
264	65.5	51.9	77.9



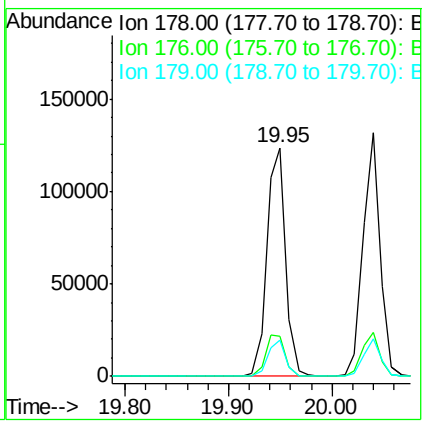


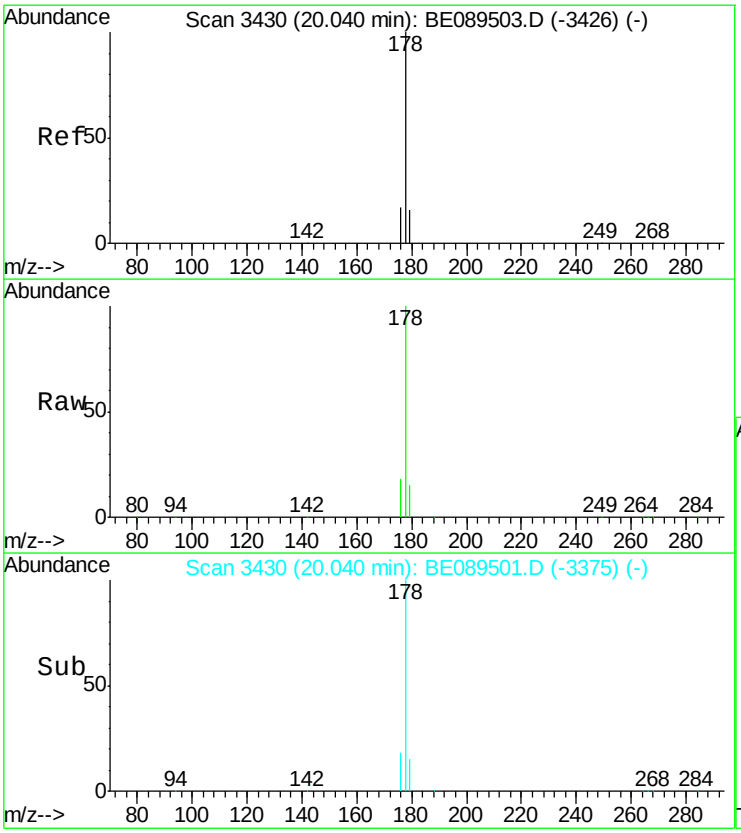
#13
Phenanthrene
Concen: 4.67 ng
RT: 19.95 min Scan# 3420
Delta R.T. 0.01 min
Lab File: BE089501.D
Acq: 5 Feb 2015 12:01

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:178 Resp: 156838

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.2	12.4	18.6

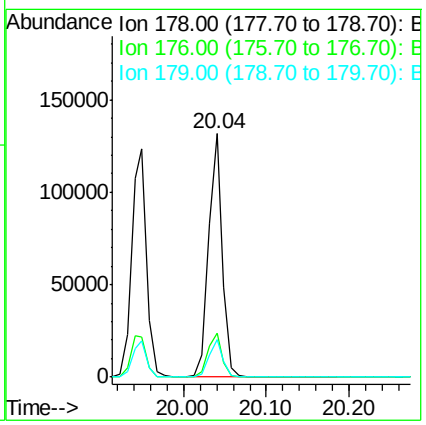


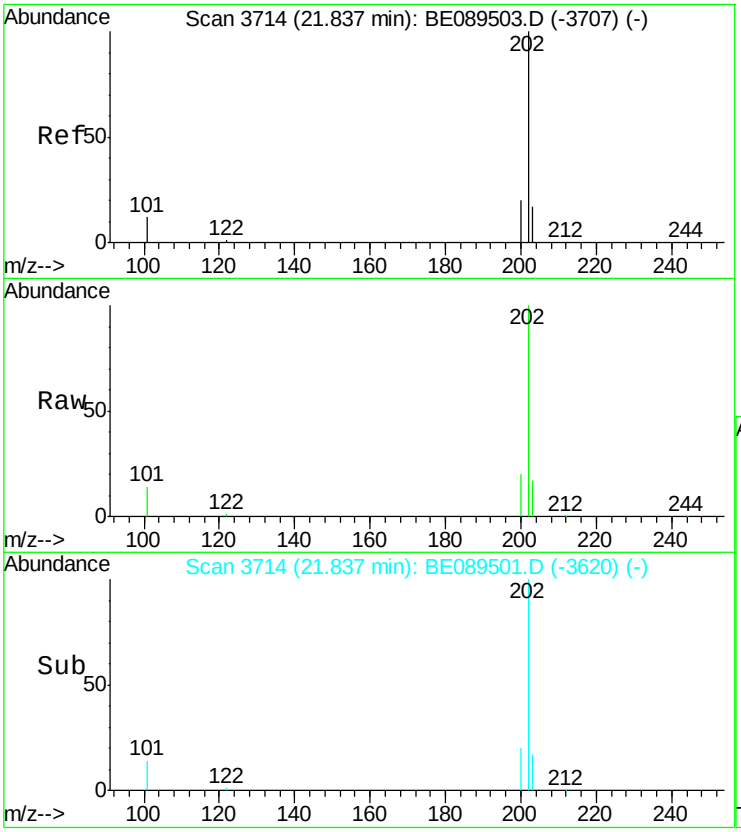


#14
Anthracene
Concen: 5.10 ng
RT: 20.04 min Scan# 3430
Delta R.T. -0.00 min
Lab File: BE089501.D
Acq: 5 Feb 2015 12:01

Tgt Ion:178 Resp: 153262

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.2	12.1	18.1



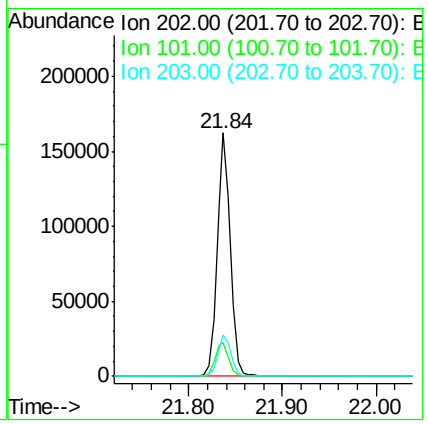


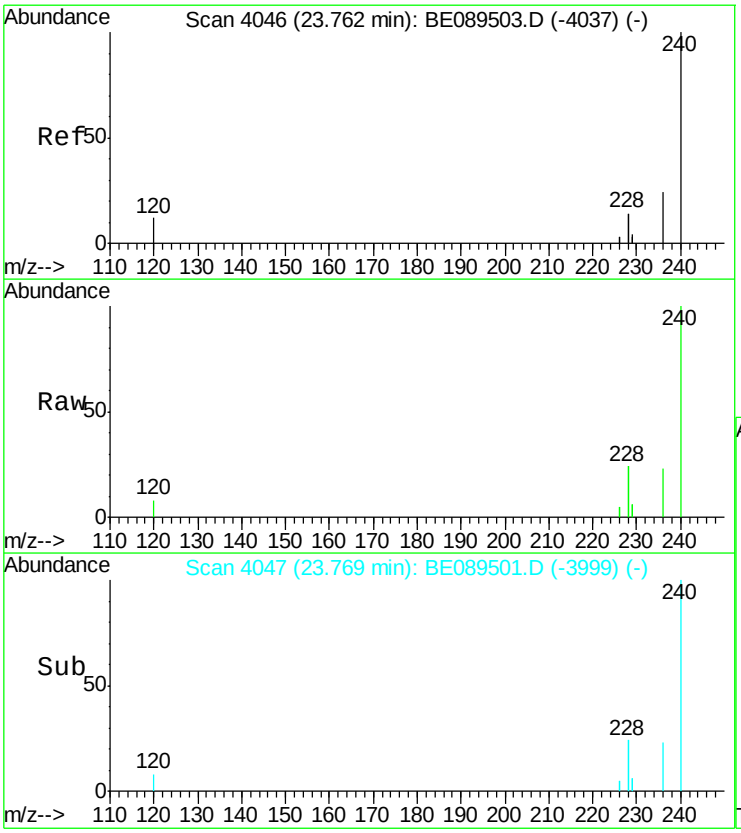
#15
Fluoranthene
Concen: 5.01 ng
RT: 21.84 min Scan# 3714
Delta R.T. 0.00 min
Lab File: BE089501.D
Acq: 5 Feb 2015 12:01

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:202 Resp: 160761

Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.3	16.9
203	17.2	13.8	20.6

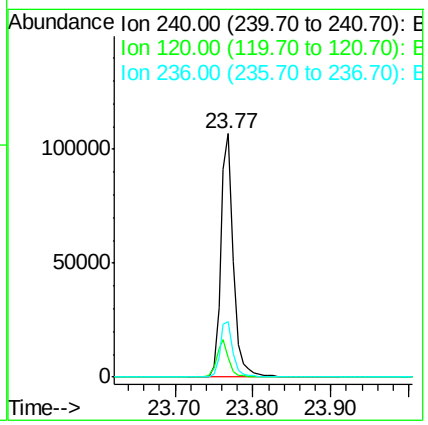


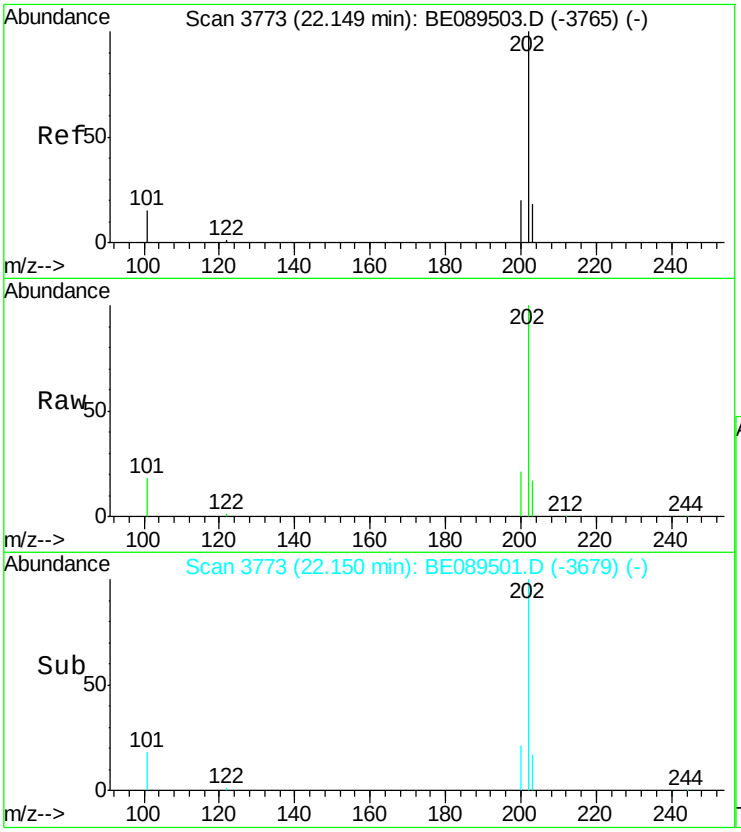


#16
Chrysene-d12
Concen: 5.00 ng
RT: 23.77 min Scan# 4047
Delta R.T. 0.01 min
Lab File: BE089501.D
Acq: 5 Feb 2015 12:01

Tgt Ion:240 Resp: 120459

Ion	Ratio	Lower	Upper
240	100		
120	8.1	9.6	14.4#
236	22.8	19.4	29.2



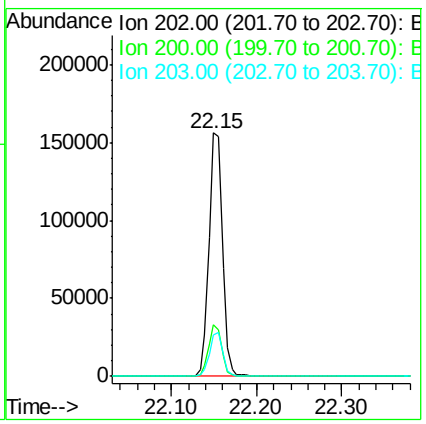


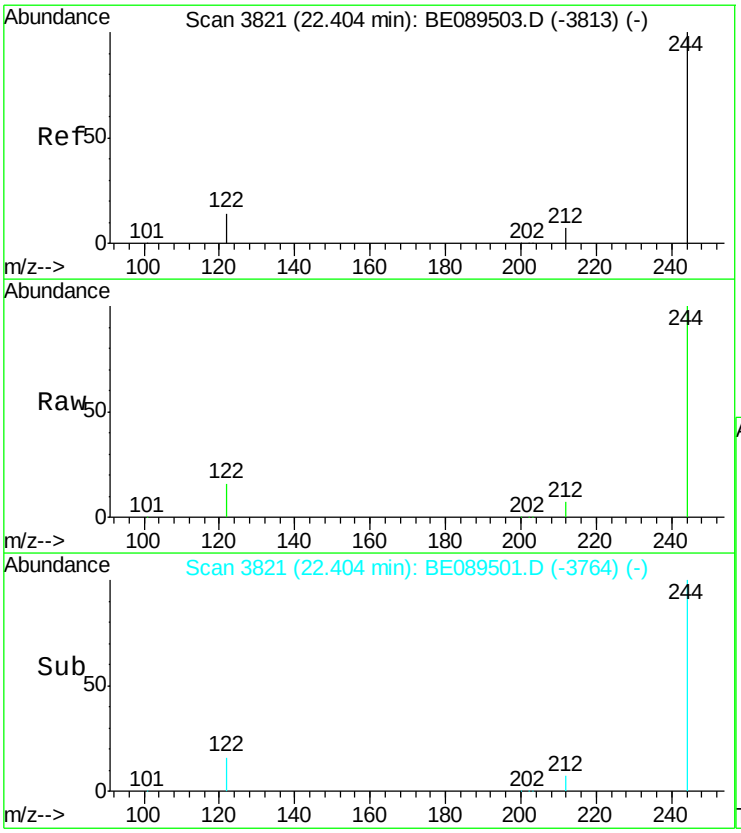
#17
Pyrene
Concen: 4.87 ng
RT: 22.15 min Scan# 3773
Delta R.T. 0.00 min
Lab File: BE089501.D
Acq: 5 Feb 2015 12:01

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:202 Resp: 167759

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.5	24.7
203	17.5	14.0	21.0

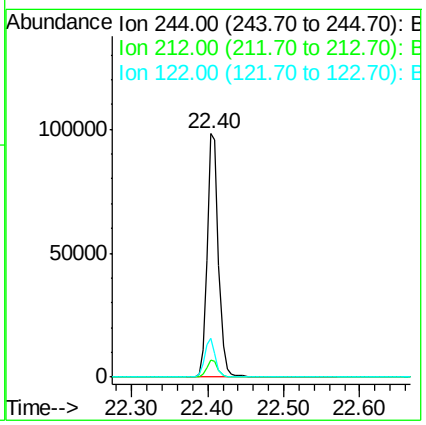


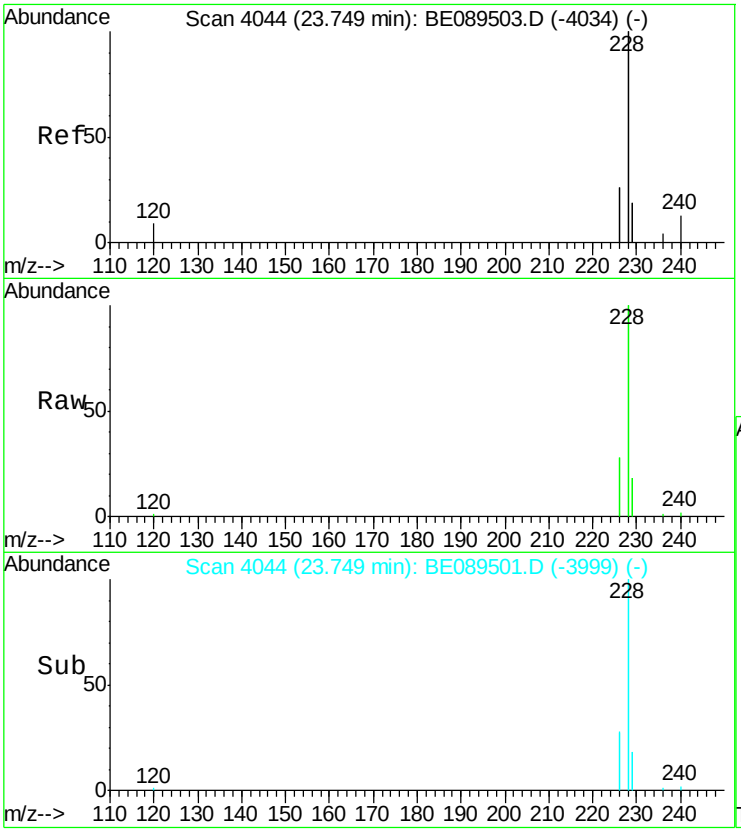


#18
Terphenyl-d14
Concen: 4.85 ng
RT: 22.40 min Scan# 3821
Delta R.T. 0.00 min
Lab File: BE089501.D
Acq: 5 Feb 2015 12:01

Tgt Ion:244 Resp: 101687

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	16.0	11.1	16.7



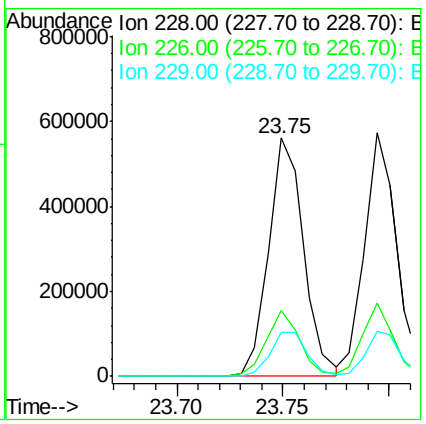


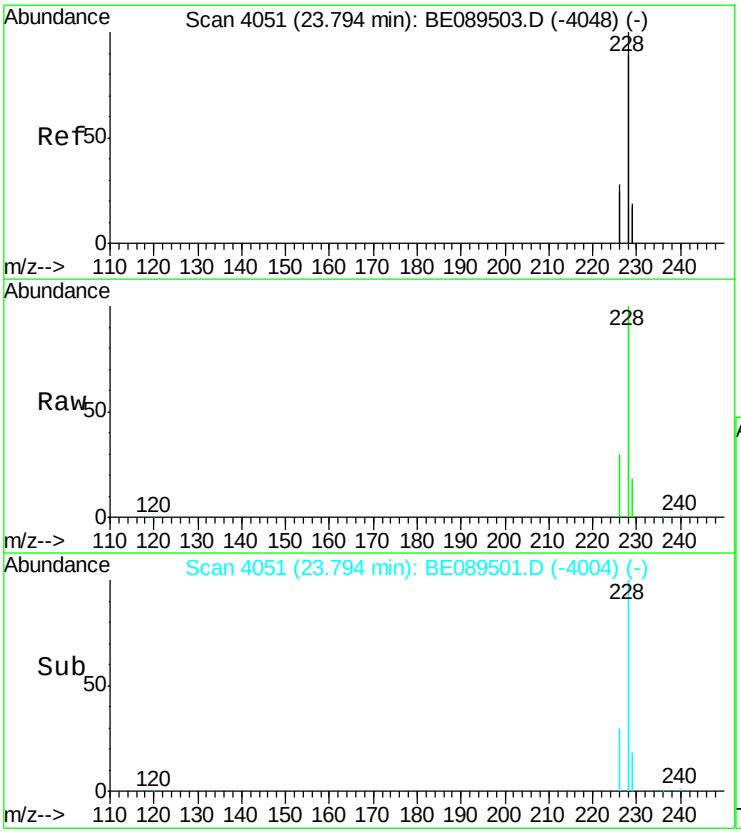
#19
Benzo(a)anthracene
Concen: 4.83 ng
RT: 23.75 min Scan# 4044
Delta R.T. 0.00 min
Lab File: BE089501.D
Acq: 5 Feb 2015 12:01

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:228 Resp: 637936

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.0	31.6
229	18.2	15.5	23.3

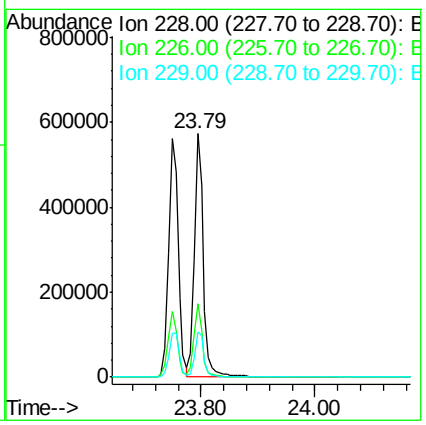


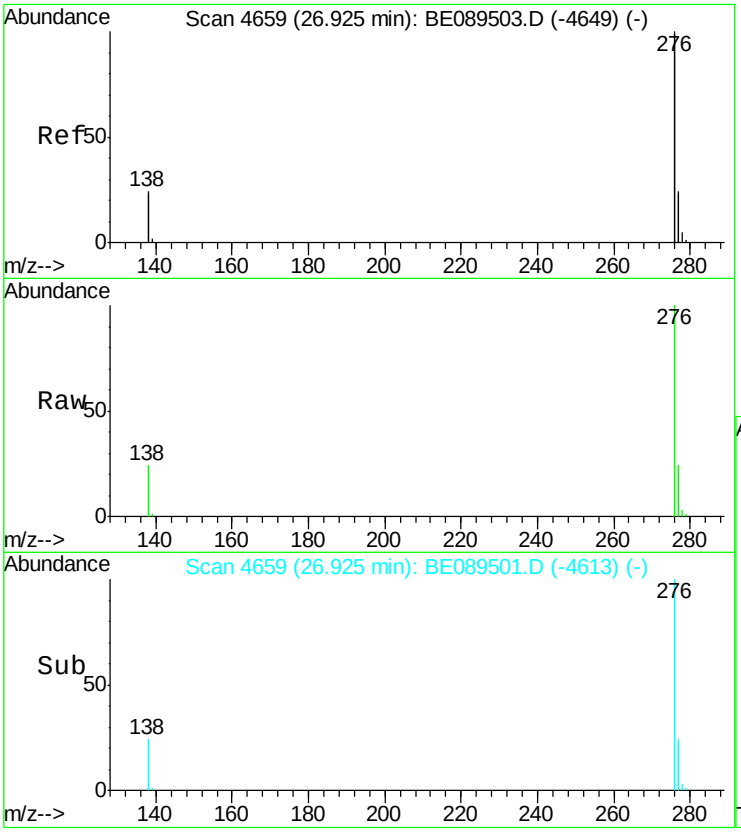


#20
Chrysene
Concen: 4.64 ng
RT: 23.79 min Scan# 4051
Delta R.T. 0.00 min
Lab File: BE089501.D
Acq: 5 Feb 2015 12:01

Tgt Ion:228 Resp: 630076

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.3	33.5
229	18.3	15.4	23.0



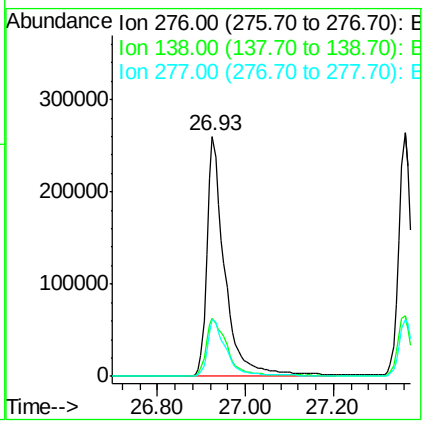


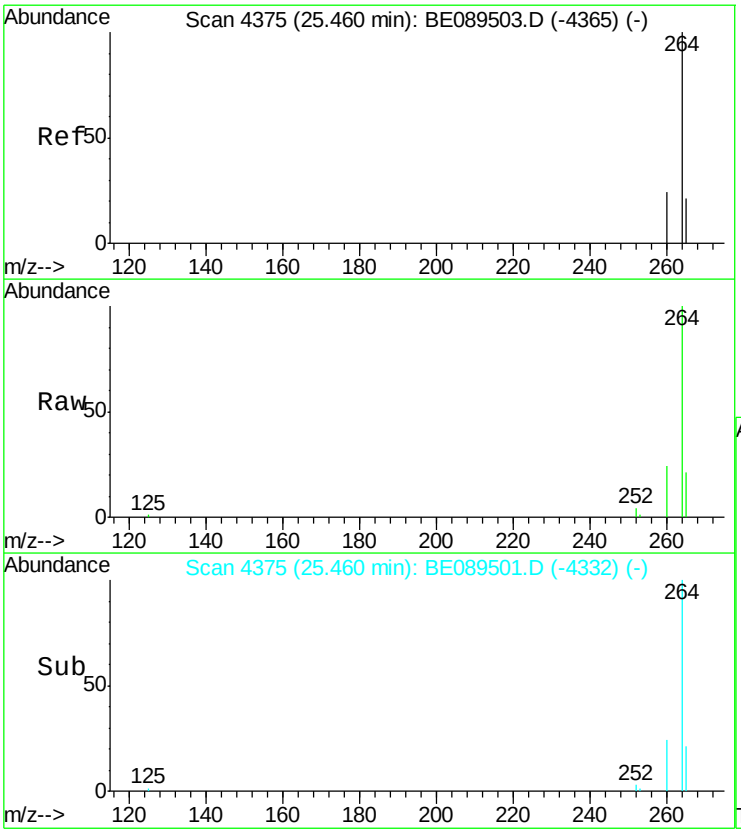
#21
Indeno(1,2,3-cd)pyrene
Concen: 5.15 ng
RT: 26.93 min Scan# 4659
Delta R.T. -0.00 min
Lab File: BE089501.D
Acq: 5 Feb 2015 12:01

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:276 Resp: 727501

Ion	Ratio	Lower	Upper
276	100		
138	28.8	23.2	34.8
277	25.1	19.8	29.6

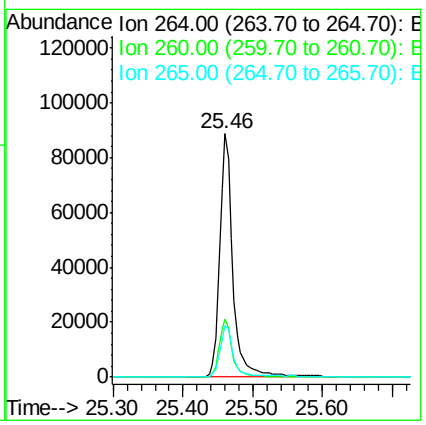


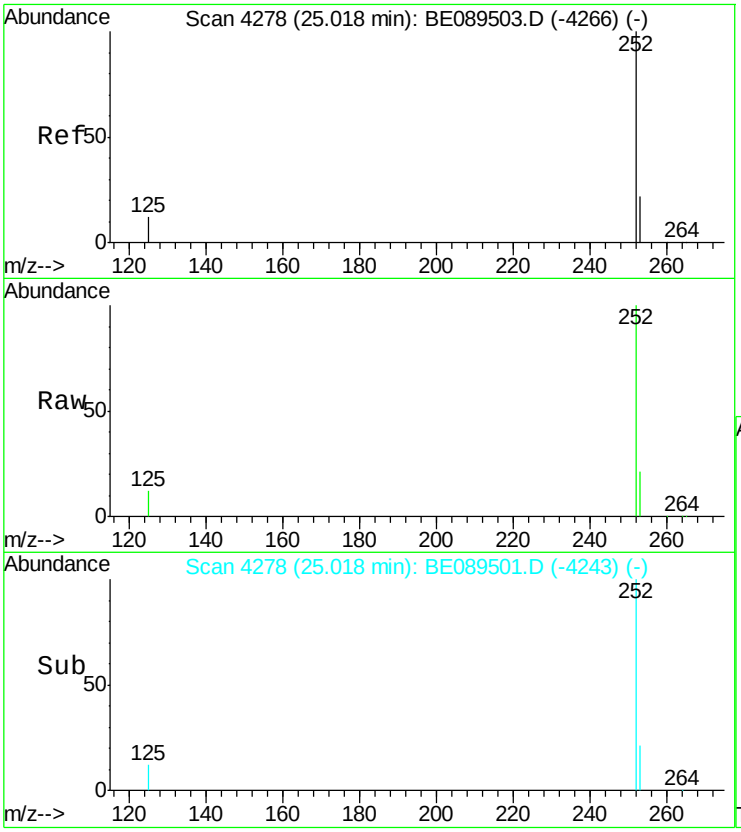


#22
Perylene-d12
Concen: 5.00 ng
RT: 25.46 min Scan# 4375
Delta R.T. 0.00 min
Lab File: BE089501.D
Acq: 5 Feb 2015 12:01

Tgt Ion:264 Resp: 117266

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.3	17.0	25.6



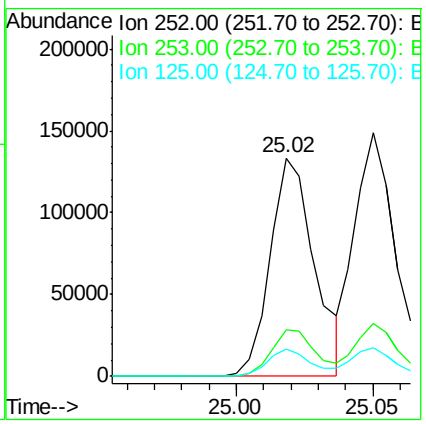


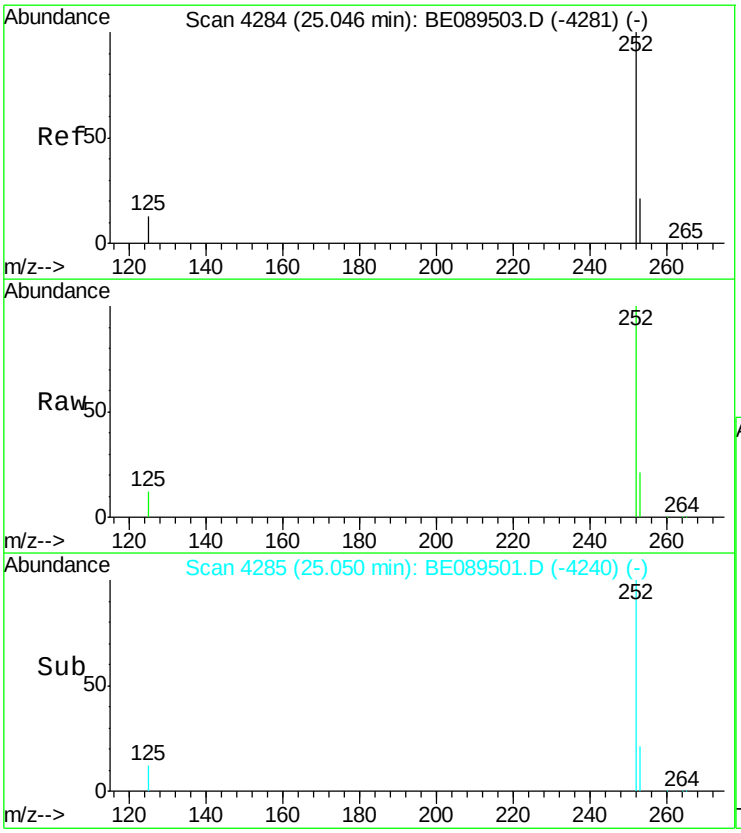
#23
Benzo(b)fluoranthene
Concen: 5.53 ng
RT: 25.02 min Scan# 4278
Delta R.T. 0.00 min
Lab File: BE089501.D
Acq: 5 Feb 2015 12:01

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:252 Resp: 150749

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.0
125	12.5	9.6	14.4

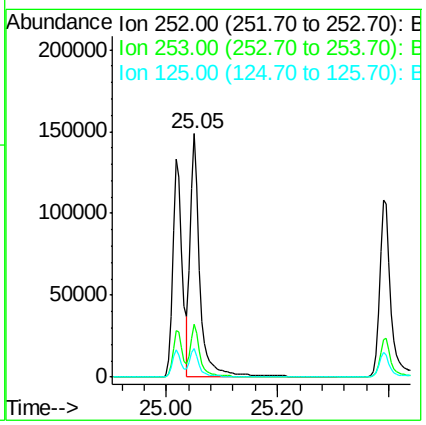


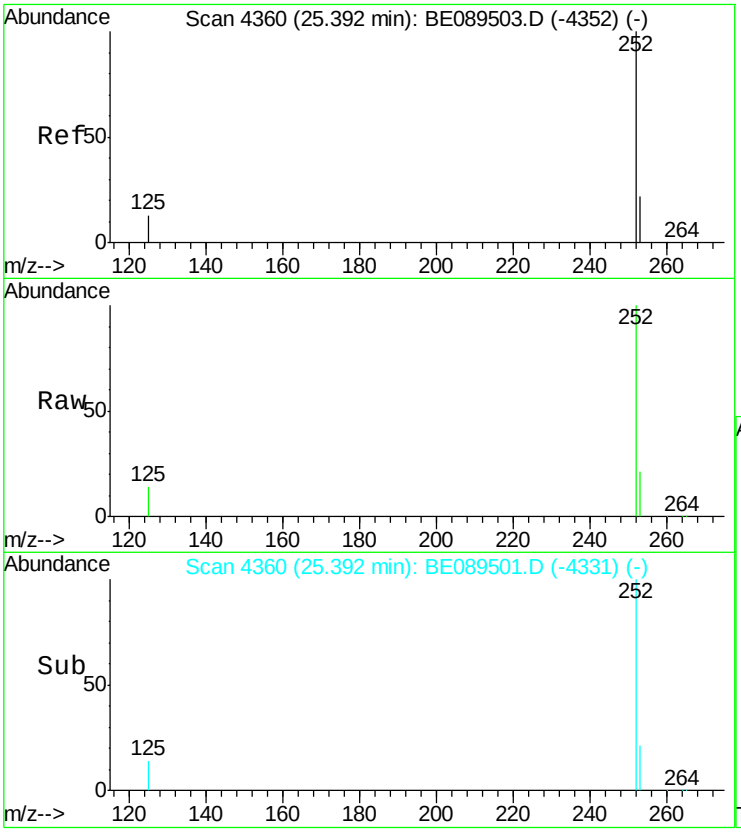


#24
Benzo(k)fluoranthene
Concen: 4.74 ng
RT: 25.05 min Scan# 4285
Delta R.T. 0.00 min
Lab File: BE089501.D
Acq: 5 Feb 2015 12:01

Tgt Ion:252 Resp: 177270

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	11.9	10.2	15.4



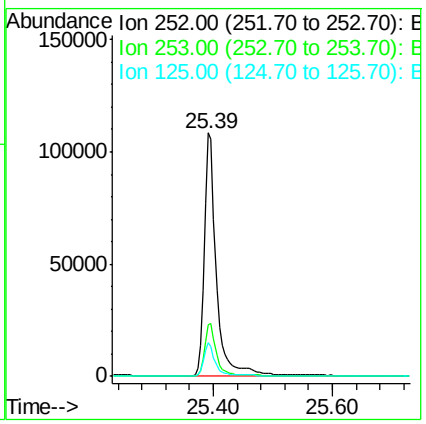


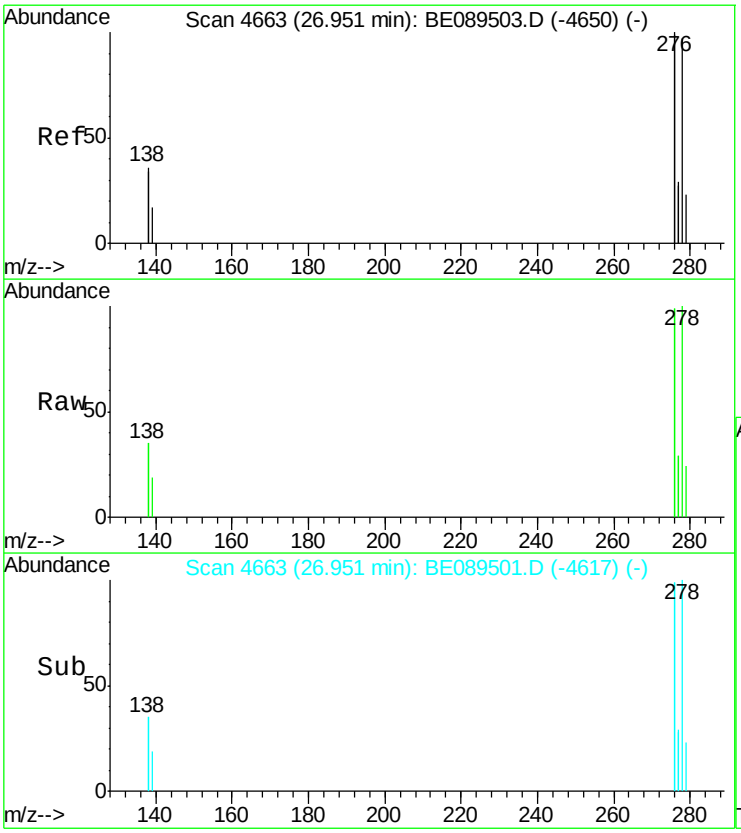
#25
Benzo(a)pyrene
Concen: 5.50 ng
RT: 25.39 min Scan# 4360
Delta R.T. 0.00 min
Lab File: BE089501.D
Acq: 5 Feb 2015 12:01

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:252 Resp: 152068

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	13.8	10.7	16.1

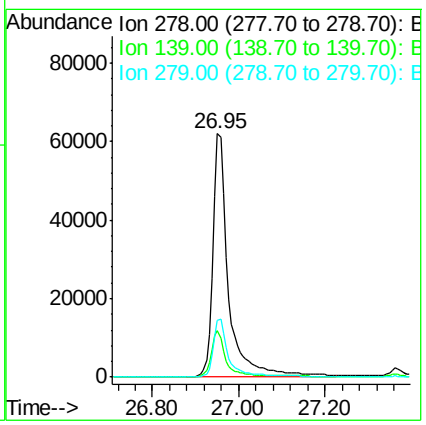


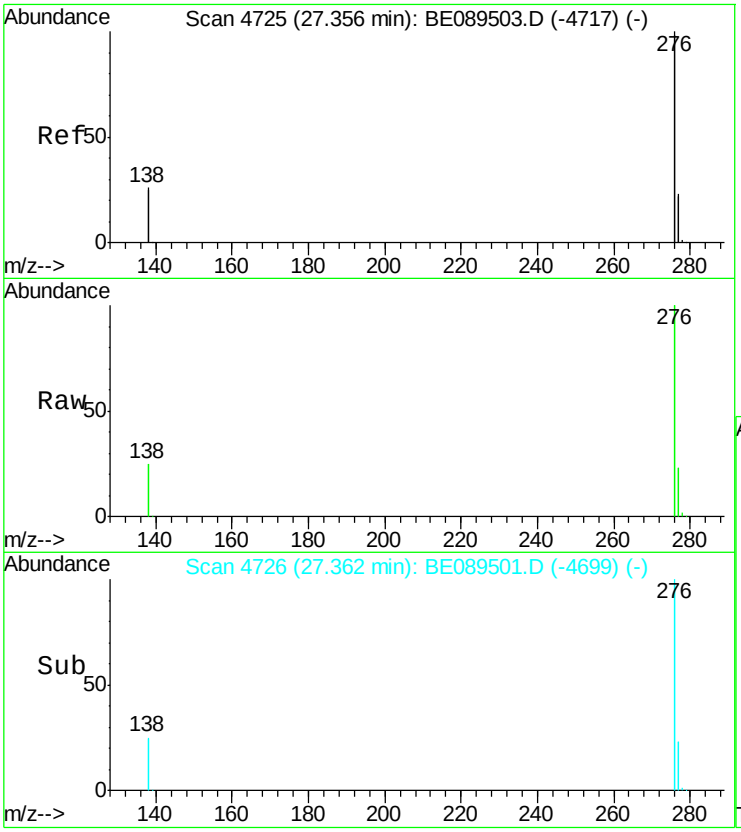


#26
Dibenzo(a,h)anthracene
Concen: 5.29 ng
RT: 26.95 min Scan# 4663
Delta R.T. -0.00 min
Lab File: BE089501.D
Acq: 5 Feb 2015 12:01

Tgt Ion:278 Resp: 156043

Ion	Ratio	Lower	Upper
278	100		
139	19.2	14.6	22.0
279	23.5	19.0	28.4





#27
Benzo(g,h,i)perylene
Concen: 4.92 ng
RT: 27.36 min Scan# 4726
Delta R.T. 0.01 min
Lab File: BE089501.D
Acq: 5 Feb 2015 12:01

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:276 Resp: 592779

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	24.8	20.8	31.2