Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
Data File : BE089524.D
Acq On : 6 Feb 2015 12:32
Operator : TP/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDICC0.1

Quant Time: Feb 07 03:33:32 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE020615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 07 03:25:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.43	152	32311	5.00	ng		0.00
2) Naphthalene-d8	12.33	136	122716	5.00	ng		0.00
6) Acenaphthene-d10	16.52	164	47715	5.00	ng		0.01
11) Phenanthrene-d10	19.85	188	81375	5.00	ng		0.00
16) Chrysene-d12	23.72	240	90618	5.00	ng		0.00
22) Perylene-d12	25.42	264	104587	5.00	ng		0.00
System Monitoring Compounds							
3) Nitrobenzene-d5	10.69	82	790	0.09	ng		0.00
7) 2-Fluorobiphenyl	14.97	172	1342	0.09	ng		0.00
18) Terphenyl-d14	22.36	244	1199	0.07	ng		0.00
Target Compounds							Qvalue
4) Naphthalene	12.38	128	2848	0.09	ng	#	94
5) 2-Methylnaphthalene	14.27	142	1712	0.09	ng		98
8) Acenaphthylene	16.17	152	7424	0.07	ng	#	94
9) Acenaphthene	16.59	154	1318	0.09	ng		82
10) Fluorene	17.84	166	1351	0.08	ng	#	96
12) Pentachlorophenol	19.52	266	661	1.08	ng		96
13) Phenanthrene	19.90	178	2143	0.09	ng		96
14) Anthracene	19.99	178	1538	0.07	ng		97
15) Fluoranthene	21.79	202	1807	0.08	ng		96
17) Pyrene	22.11	202	1898	0.07	ng		96
19) Benzo(a)anthracene	23.71	228	8598	0.09	ng		96
20) Chrysene	23.75	228	8328	0.08	ng		95
21) Indeno(1,2,3-cd)pyrene	26.85	276	11467	0.10	ng		96
23) Benzo(b)fluoranthene	24.98	252	1933	0.08	ng	#	87
24) Benzo(k)fluoranthene	25.01	252	2401	0.07	ng	#	88
25) Benzo(a)pyrene	25.35	252	1893	0.08	ng	#	82
26) Dibenzo(a,h)anthracene	26.89	278	2240	0.08	ng	#	78
27) Benzo(g,h,i)perylene	27.29	276	10260	0.09	ng	#	88

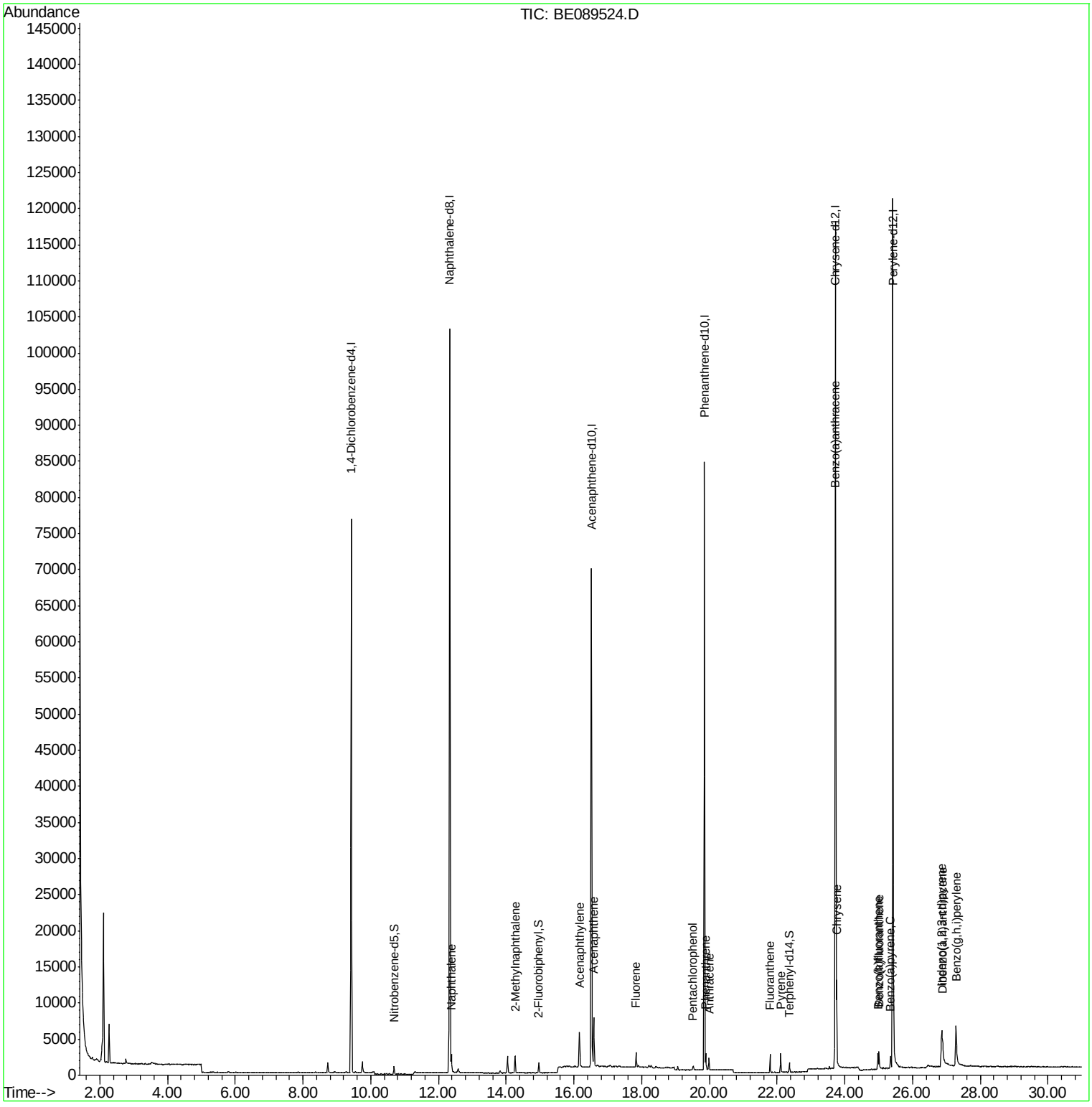
(#) = qualifier out of range (m) = manual integration (+) = signals summed

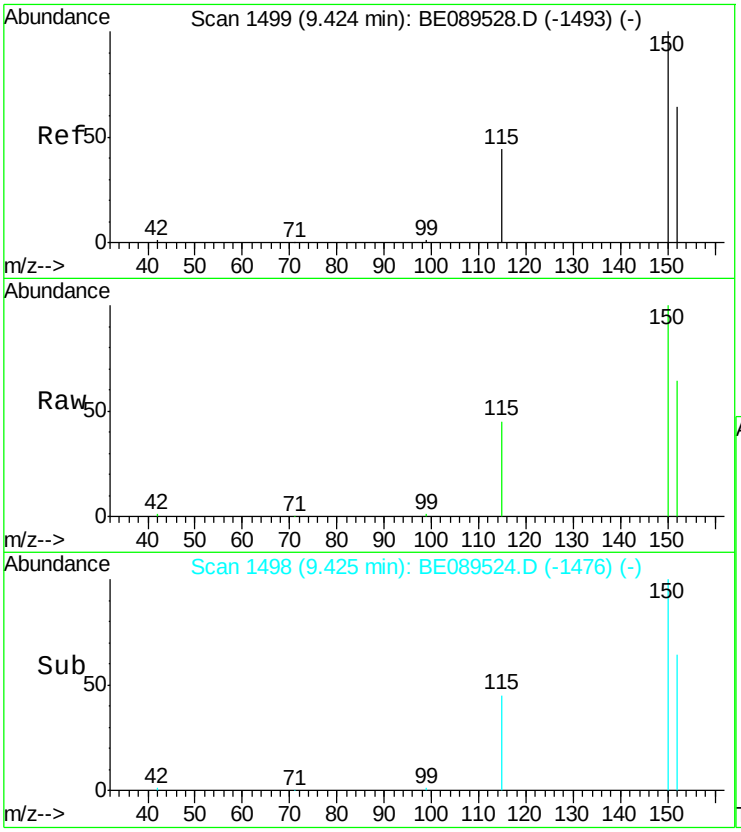
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
Data File : BE089524.D
Acq On : 6 Feb 2015 12:32
Operator : TP/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Quant Time: Feb 07 03:33:32 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE020615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 07 03:25:41 2015
Response via : Initial Calibration



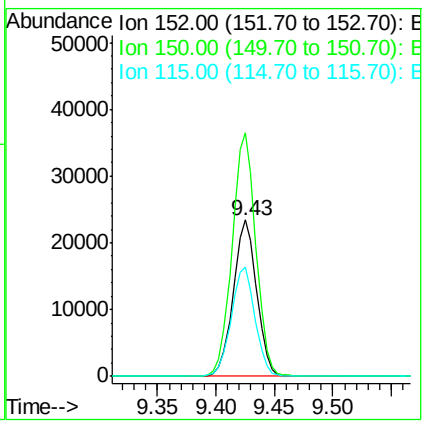


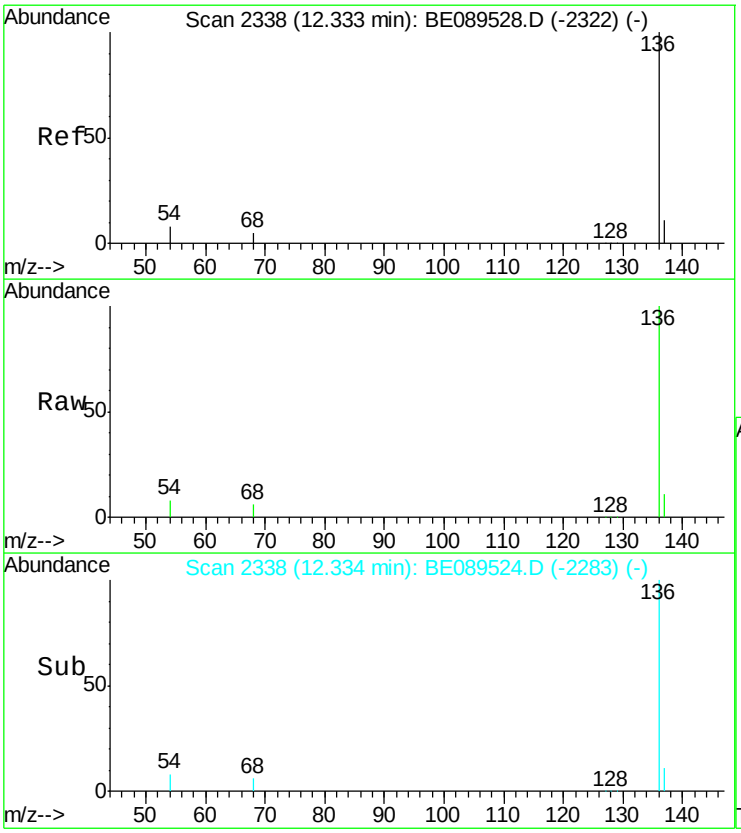
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.43 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BE089524.D
Acq: 6 Feb 2015 12:32

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 32311

Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.7	188.5
115	69.7	55.6	83.4

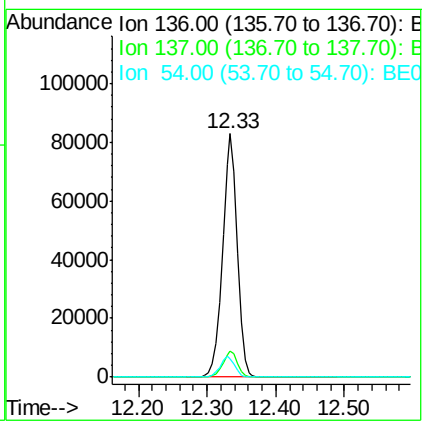


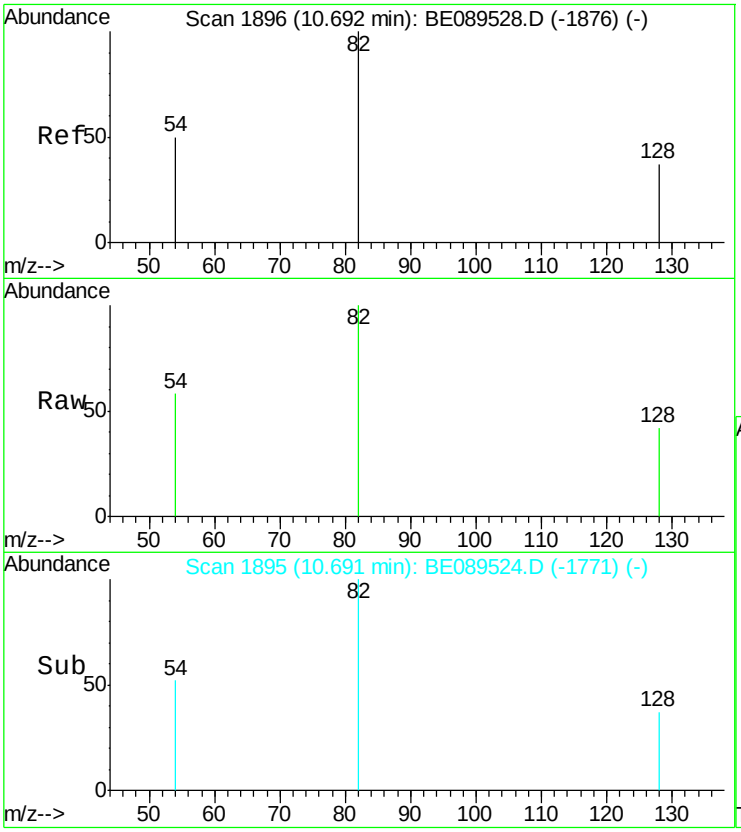


#2
Naphthalene-d8
Concen: 5.00 ng
RT: 12.33 min Scan# 2338
Delta R.T. 0.00 min
Lab File: BE089524.D
Acq: 6 Feb 2015 12:32

Tgt Ion:136 Resp: 122716

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.8	6.1	9.1



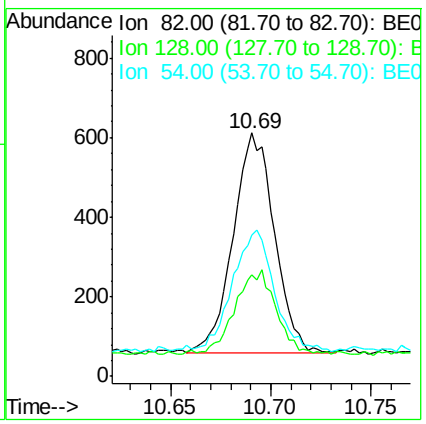


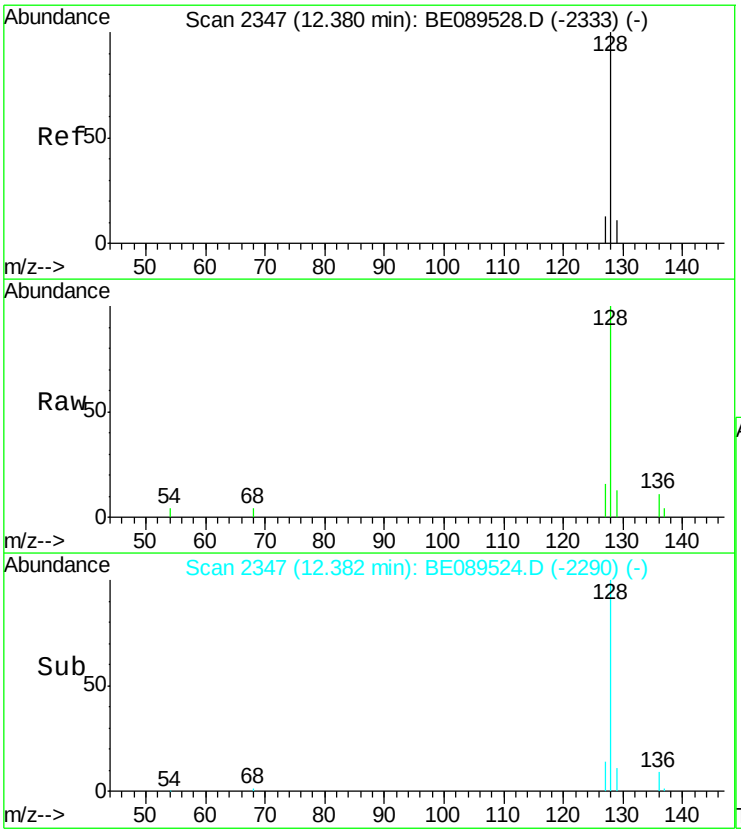
#3
Nitrobenzene-d5
Concen: 0.09 ng
RT: 10.69 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BE089524.D
Acq: 6 Feb 2015 12:32

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion: 82 Resp: 790

Ion	Ratio	Lower	Upper
82	100		
128	41.8	30.2	45.4
54	58.2	40.6	60.8

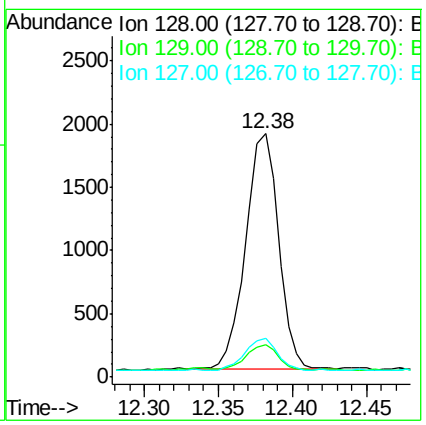


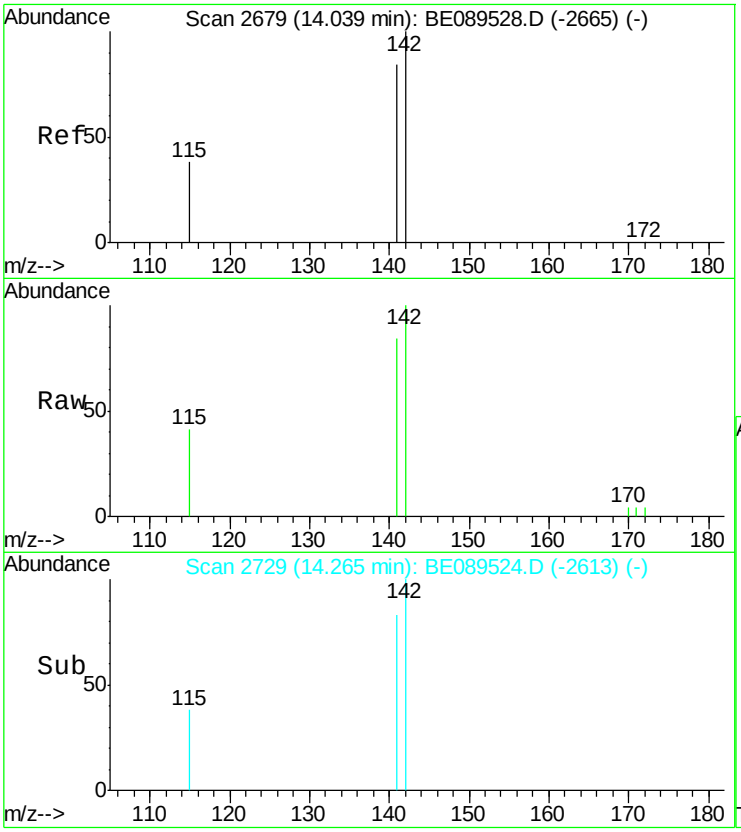


#4
Naphthalene
Concen: 0.09 ng
RT: 12.38 min Scan# 2347
Delta R.T. 0.00 min
Lab File: BE089524.D
Acq: 6 Feb 2015 12:32

Tgt Ion:128 Resp: 2848

Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.1	13.7
127	15.8	10.5	15.7#



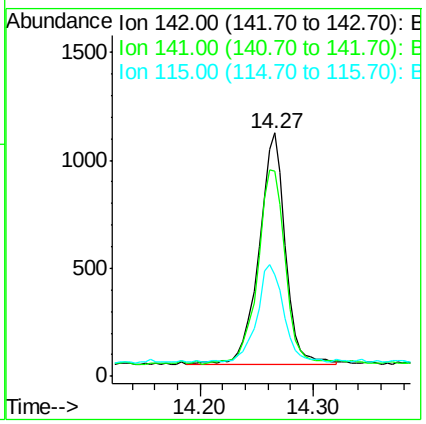


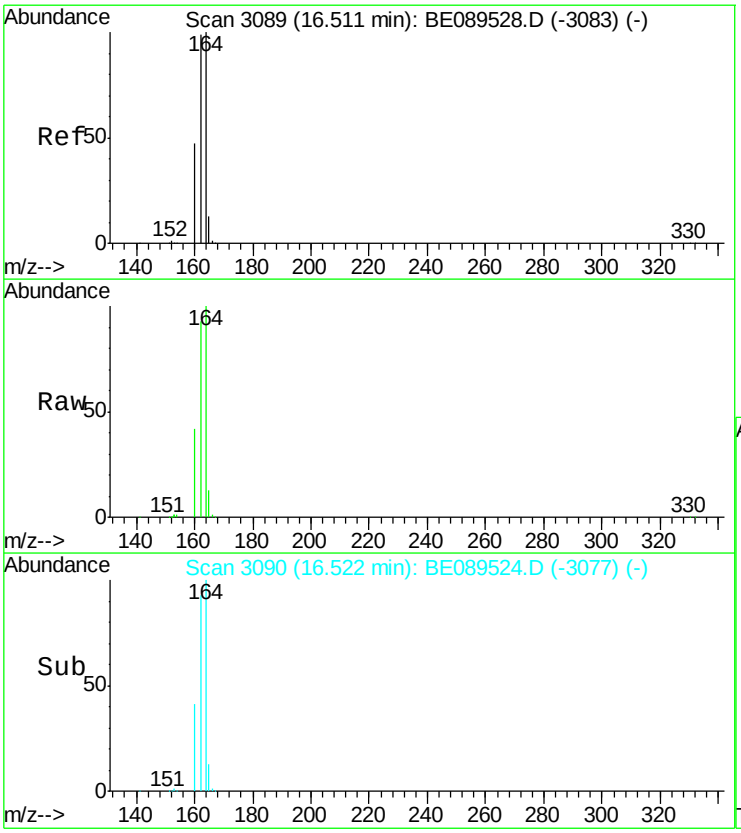
#5
2-Methylnaphthalene
Concen: 0.09 ng
RT: 14.27 min Scan# 2729
Delta R.T. 0.23 min
Lab File: BE089524.D
Acq: 6 Feb 2015 12:32

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:142 Resp: 1712

Ion	Ratio	Lower	Upper
142	100		
141	84.3	67.0	100.6
115	41.4	30.6	45.8

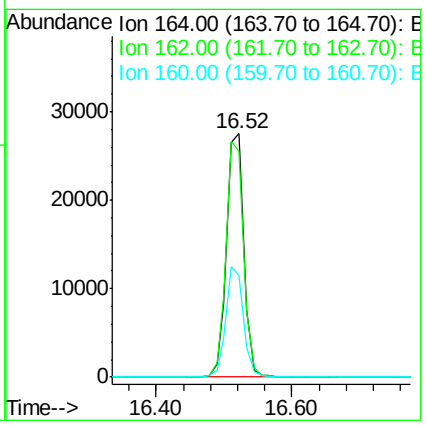


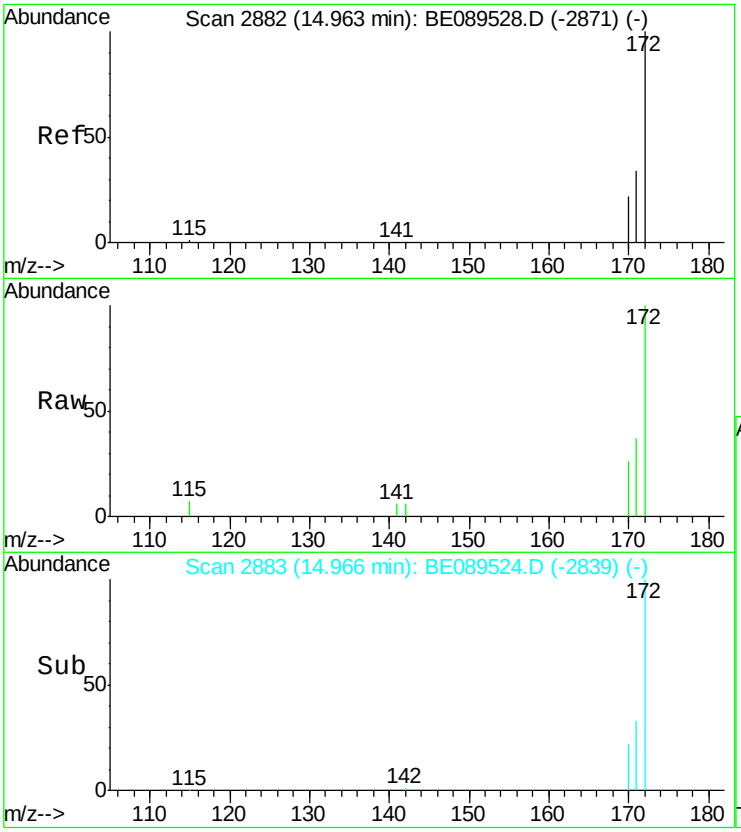


#6
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.52 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BE089524.D
Acq: 6 Feb 2015 12:32

Tgt Ion:164 Resp: 47715

Ion	Ratio	Lower	Upper
164	100		
162	92.8	79.5	119.3
160	41.5	37.6	56.4



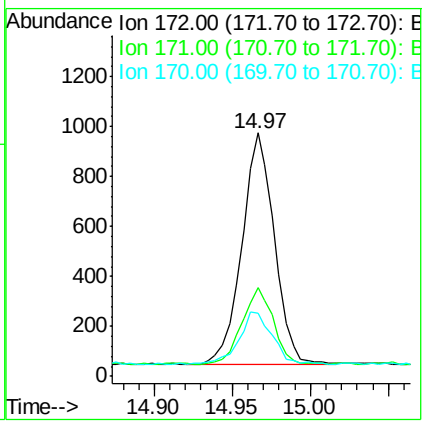


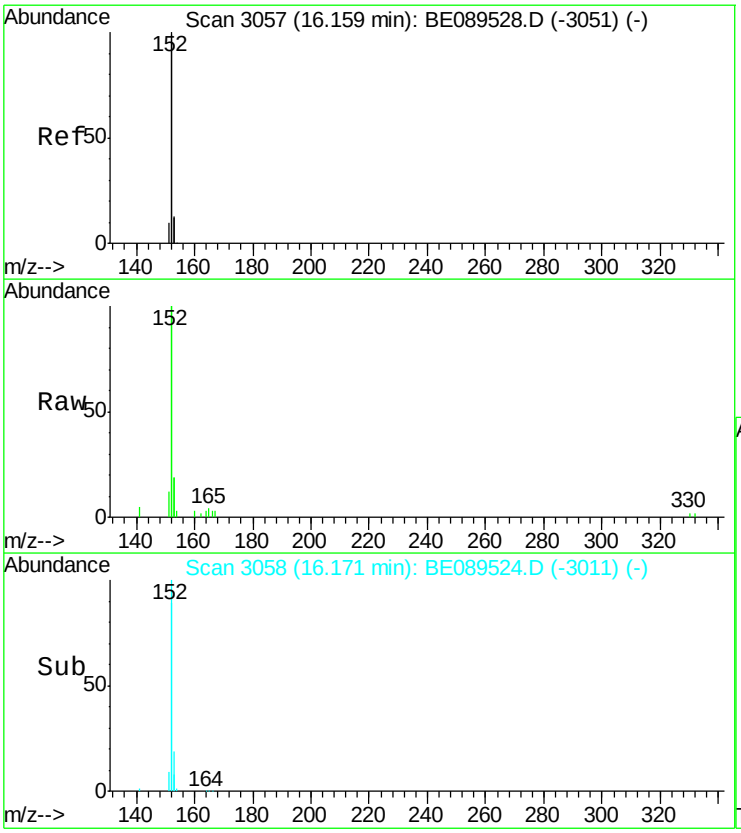
#7
2-Fluorobiphenyl
Concen: 0.09 ng
RT: 14.97 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BE089524.D
Acq: 6 Feb 2015 12:32

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 1342

Ion	Ratio	Lower	Upper
172	100		
171	36.7	27.7	41.5
170	25.9	18.3	27.5

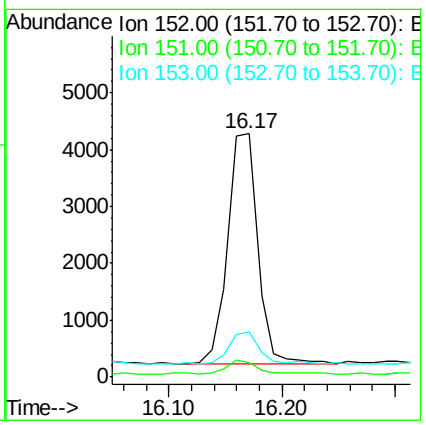


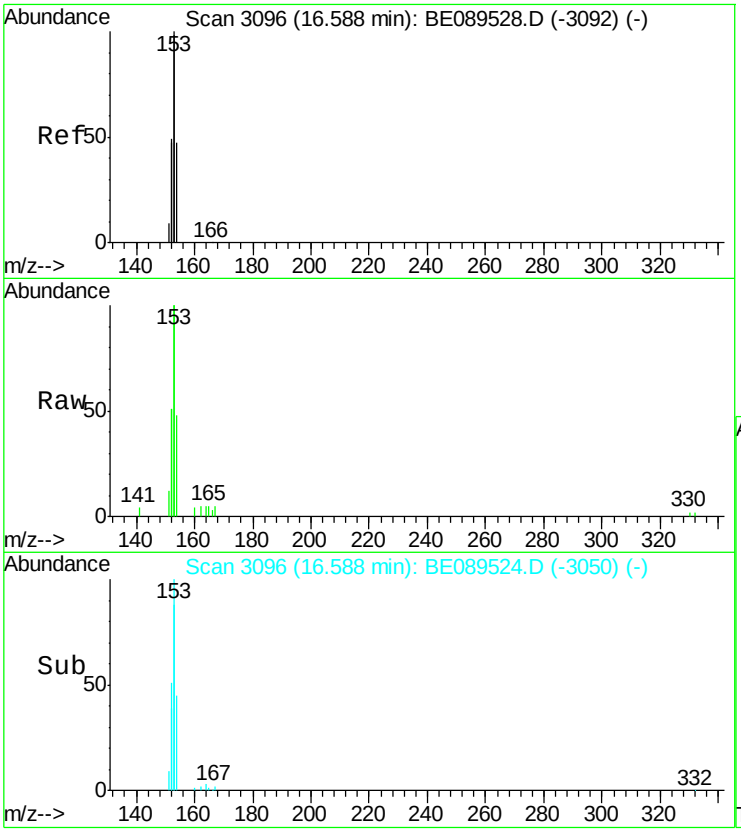


#8
Acenaphthylene
Concen: 0.07 ng
RT: 16.17 min Scan# 3058
Delta R.T. 0.01 min
Lab File: BE089524.D
Acq: 6 Feb 2015 12:32

Tgt Ion:152 Resp: 7424

Ion	Ratio	Lower	Upper
152	100		
151	5.5	4.0	6.0
153	16.1	10.6	15.8#



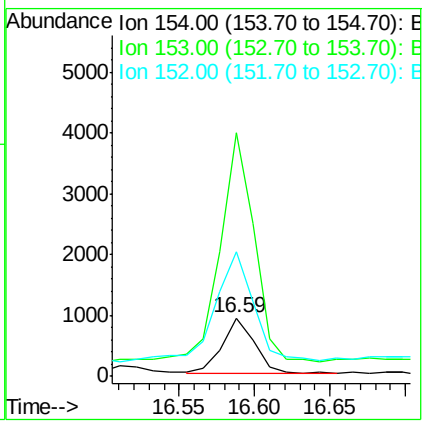


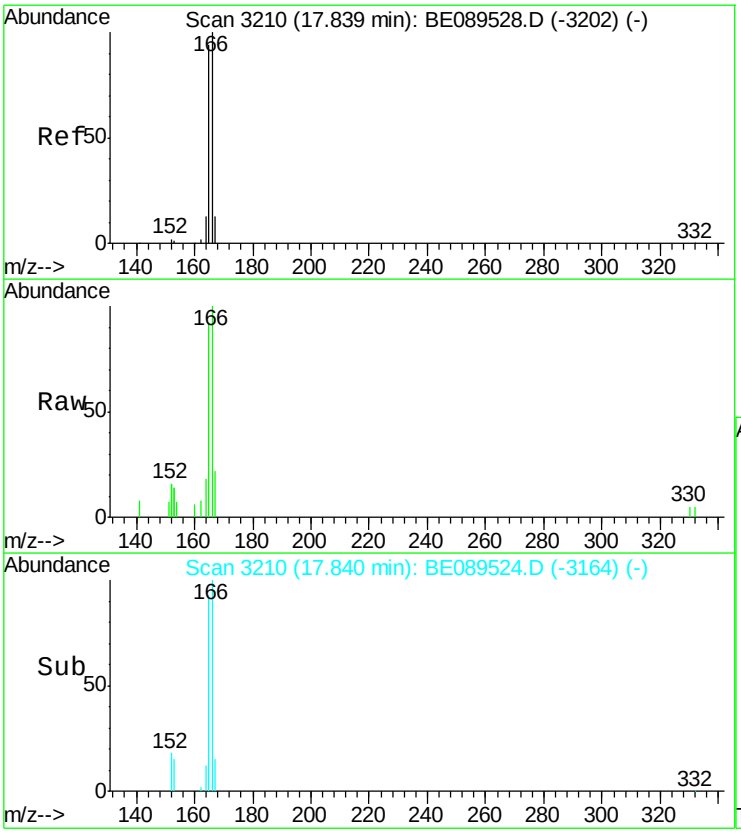
#9
Acenaphthene
Concen: 0.09 ng
RT: 16.59 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BE089524.D
Acq: 6 Feb 2015 12:32

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 1318

Ion	Ratio	Lower	Upper
154	100		
153	464.0	340.8	511.2
152	242.6	165.5	248.3

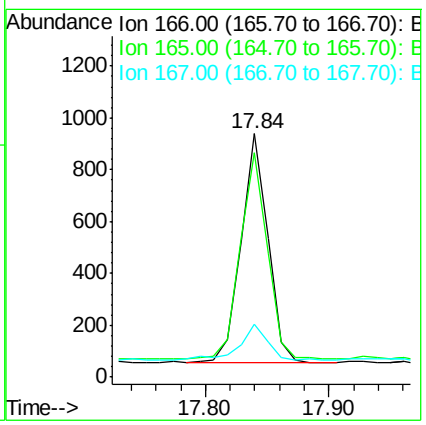


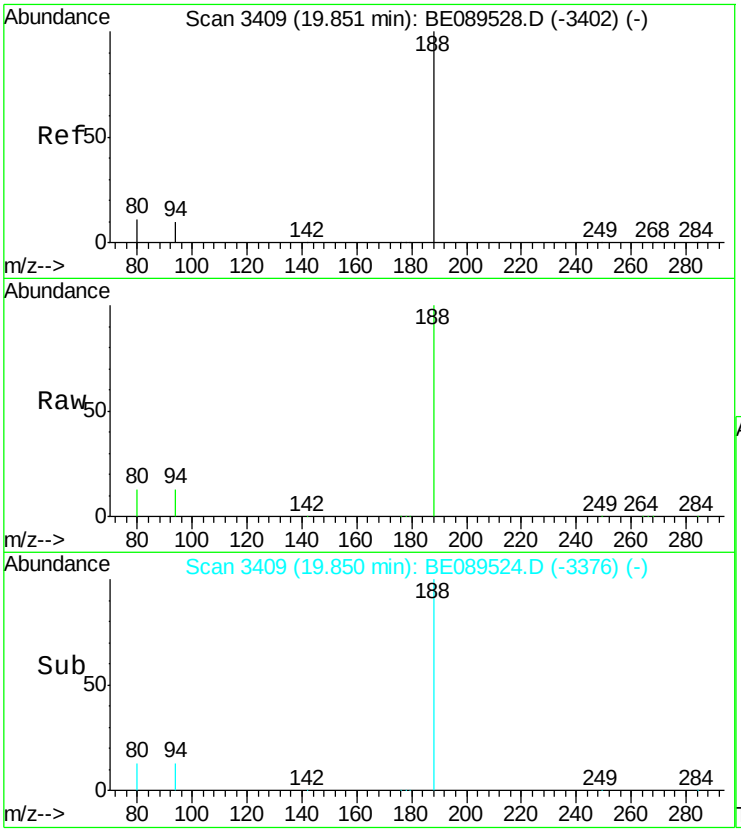


#10
Fluorene
Concen: 0.08 ng
RT: 17.84 min Scan# 3210
Delta R.T. 0.00 min
Lab File: BE089524.D
Acq: 6 Feb 2015 12:32

Tgt Ion:166 Resp: 1351

Ion	Ratio	Lower	Upper
166	100		
165	91.1	75.5	113.3
167	17.5	10.9	16.3#



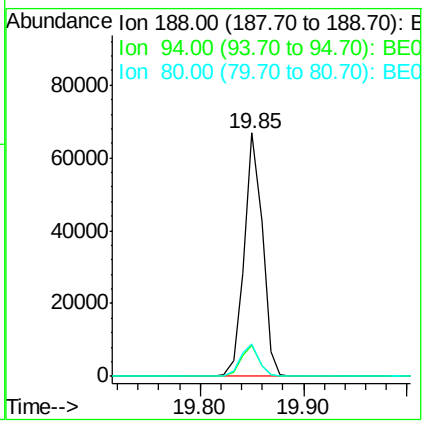


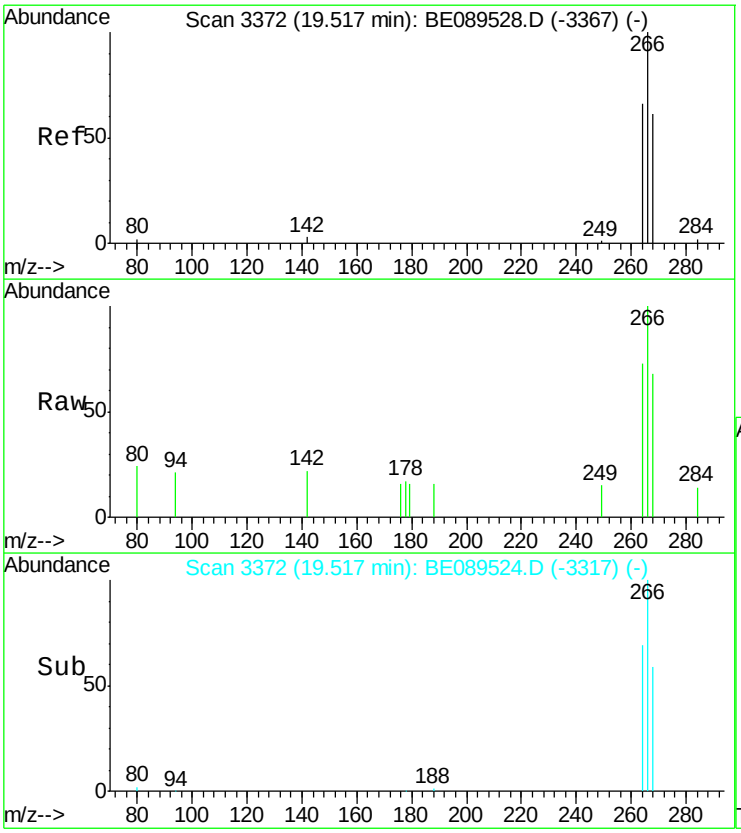
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.85 min Scan# 3409
Delta R.T. -0.00 min
Lab File: BE089524.D
Acq: 6 Feb 2015 12:32

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 81375

Ion	Ratio	Lower	Upper
188	100		
94	12.6	8.4	12.6
80	13.2	8.6	12.8#

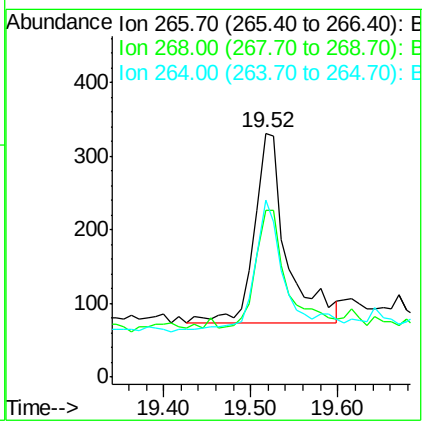


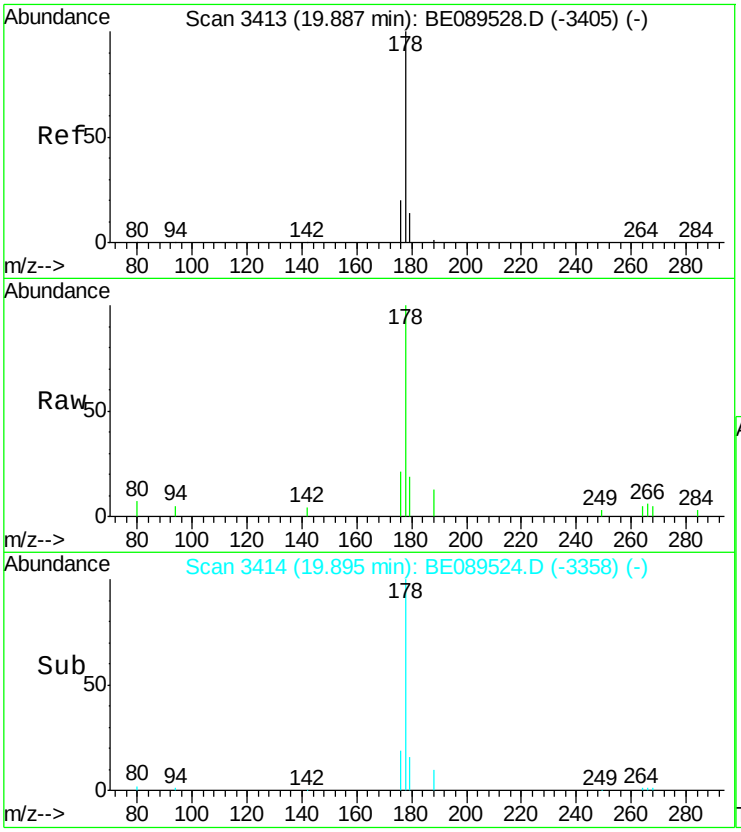


#12
Pentachlorophenol
Concen: 1.08 ng
RT: 19.52 min Scan# 3372
Delta R.T. -0.00 min
Lab File: BE089524.D
Acq: 6 Feb 2015 12:32

Tgt Ion:266 Resp: 661

Ion	Ratio	Lower	Upper
266	100		
268	68.3	57.9	86.9
264	72.8	60.2	90.4



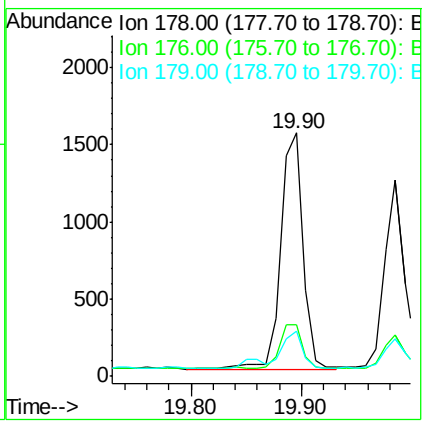


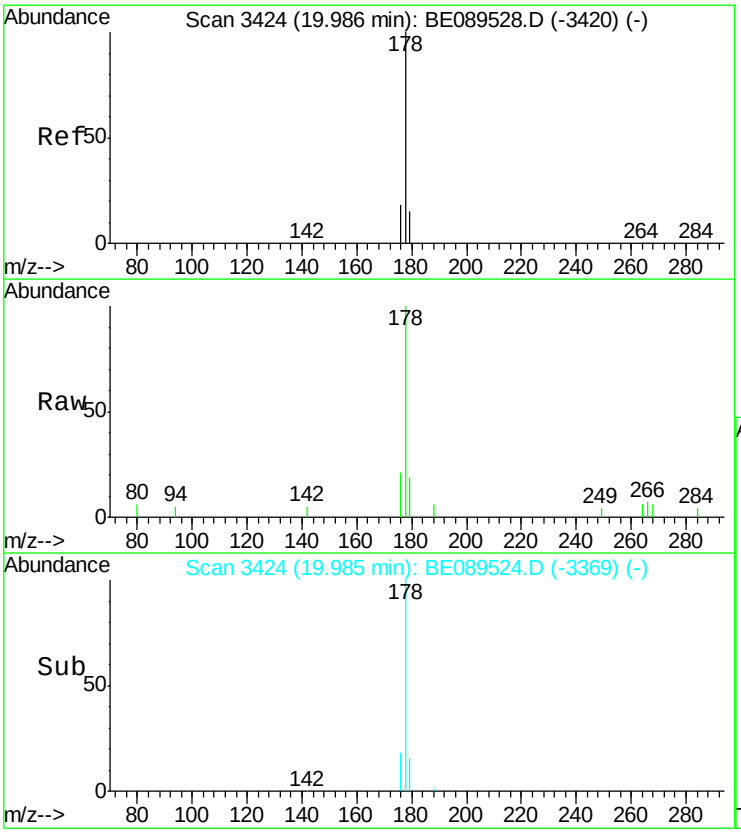
#13
Phenanthrene
Concen: 0.09 ng
RT: 19.90 min Scan# 3414
Delta R.T. 0.01 min
Lab File: BE089524.D
Acq: 6 Feb 2015 12:32

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 2143

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	18.2	12.2	18.2

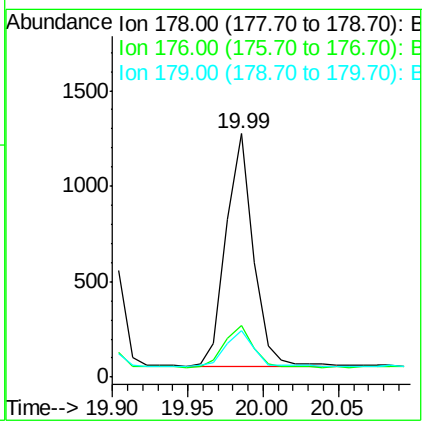


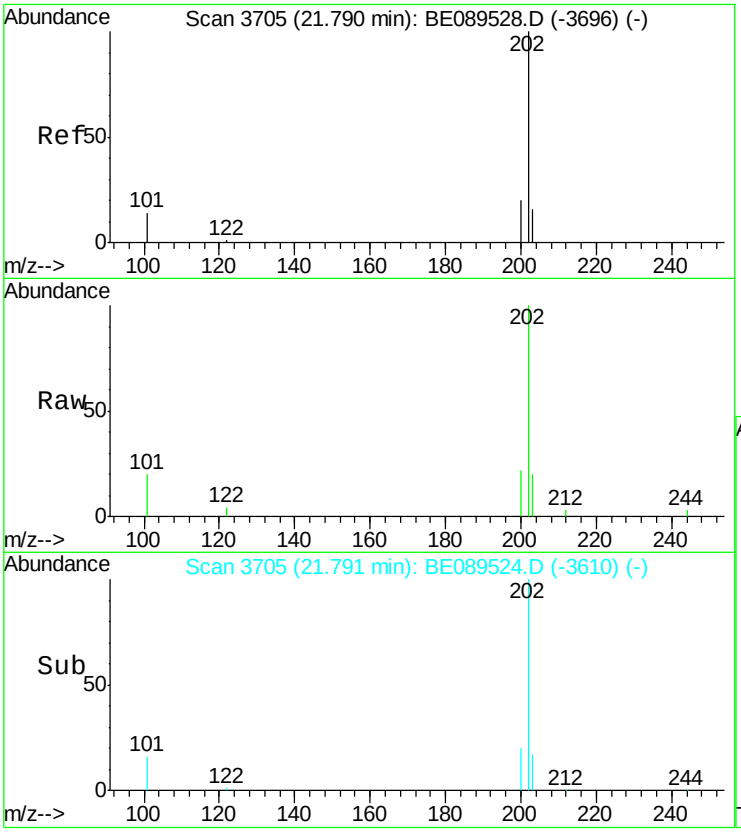


#14
Anthracene
Concen: 0.07 ng
RT: 19.99 min Scan# 3424
Delta R.T. -0.00 min
Lab File: BE089524.D
Acq: 6 Feb 2015 12:32

Tgt Ion:178 Resp: 1538

Ion	Ratio	Lower	Upper
178	100		
176	19.9	14.5	21.7
179	16.3	12.2	18.2



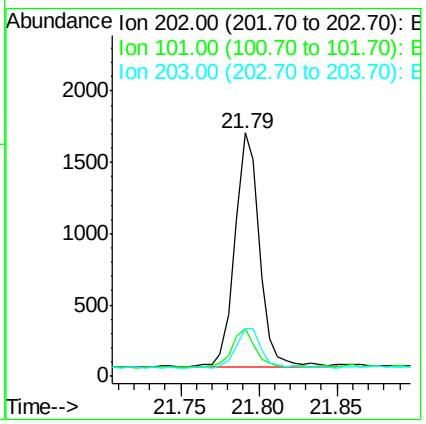


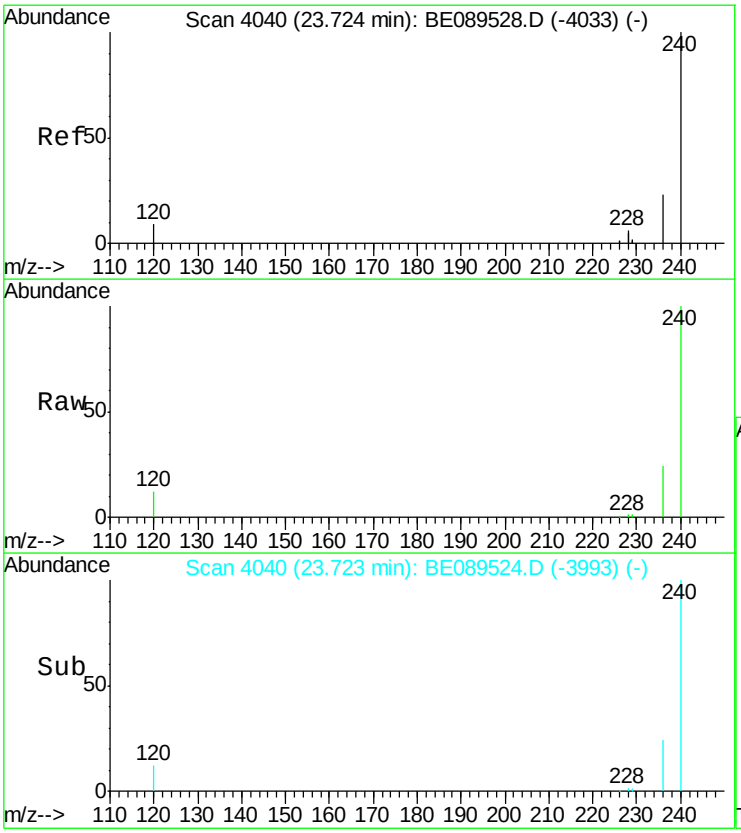
#15
Fluoranthene
Concen: 0.08 ng
RT: 21.79 min Scan# 3705
Delta R.T. 0.00 min
Lab File: BE089524.D
Acq: 6 Feb 2015 12:32

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 1807

Ion	Ratio	Lower	Upper
202	100		
101	16.0	11.6	17.4
203	18.9	13.6	20.4

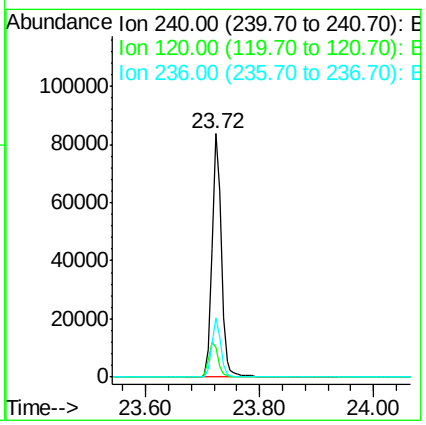


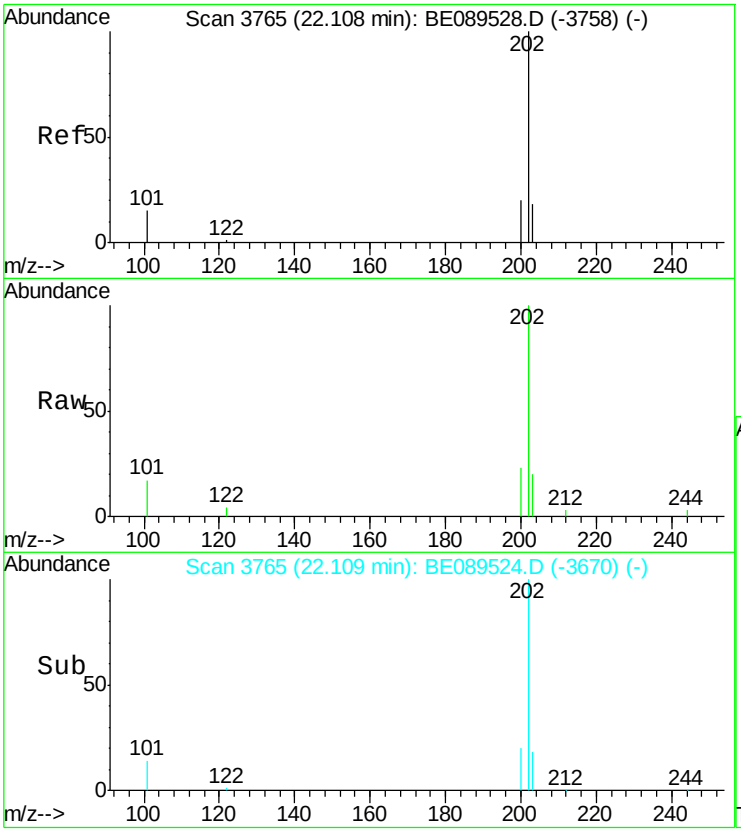


#16
Chrysene-d12
Concen: 5.00 ng
RT: 23.72 min Scan# 4040
Delta R.T. -0.00 min
Lab File: BE089524.D
Acq: 6 Feb 2015 12:32

Tgt Ion:240 Resp: 90618

Ion	Ratio	Lower	Upper
240	100		
120	12.4	7.2	10.8#
236	24.3	18.5	27.7



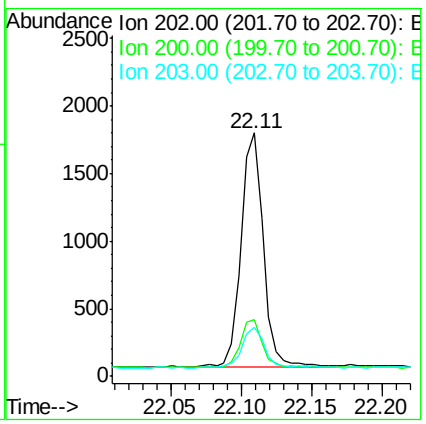


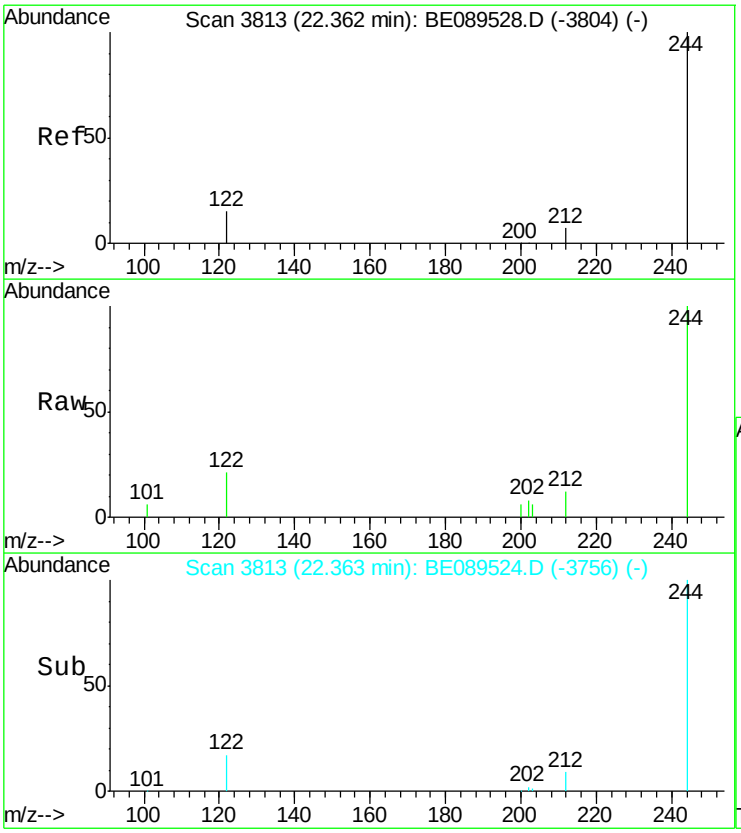
#17
Pyrene
Concen: 0.07 ng
RT: 22.11 min Scan# 3765
Delta R.T. 0.00 min
Lab File: BE089524.D
Acq: 6 Feb 2015 12:32

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 1898

Ion	Ratio	Lower	Upper
202	100		
200	19.4	16.3	24.5
203	19.3	13.5	20.3

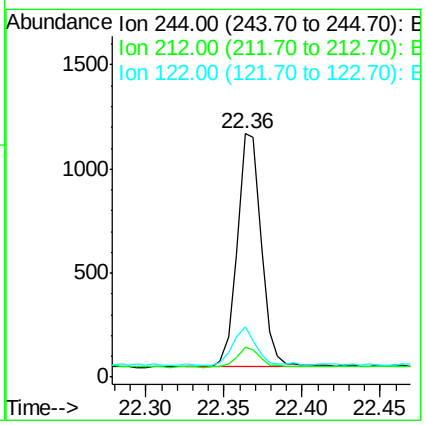


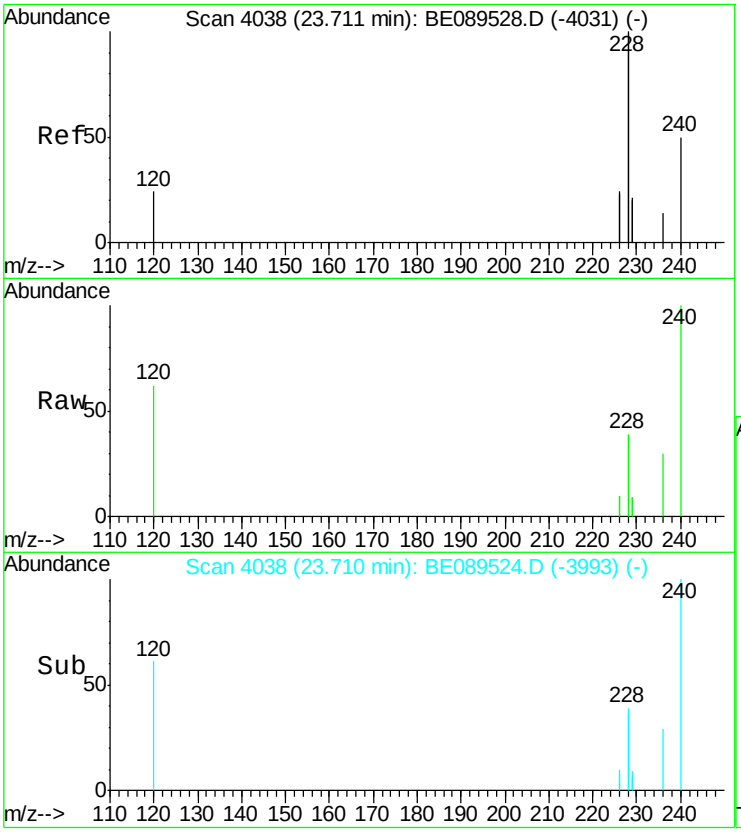


#18
Terphenyl-d14
Concen: 0.07 ng
RT: 22.36 min Scan# 3813
Delta R.T. 0.00 min
Lab File: BE089524.D
Acq: 6 Feb 2015 12:32

Tgt Ion:244 Resp: 1199

Ion	Ratio	Lower	Upper
244	100		
212	12.3	5.8	8.8#
122	20.9	12.6	19.0#



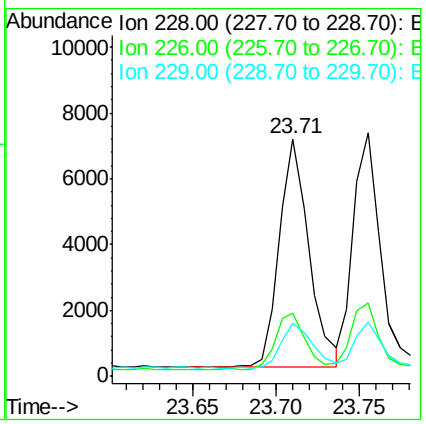


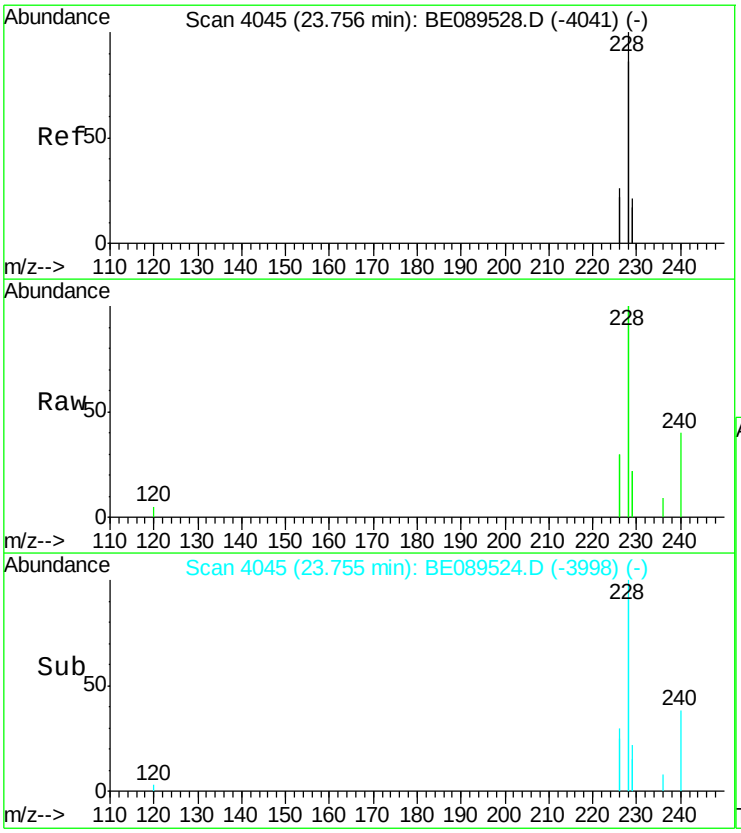
#19
Benzo(a)anthracene
Concen: 0.09 ng
RT: 23.71 min Scan# 4038
Delta R.T. -0.00 min
Lab File: BE089524.D
Acq: 6 Feb 2015 12:32

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 8598

Ion	Ratio	Lower	Upper
228	100		
226	26.4	19.0	28.4
229	22.4	16.8	25.2

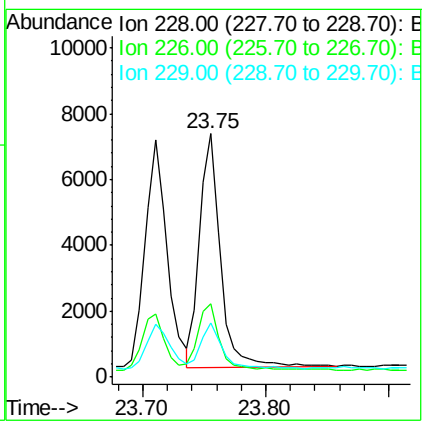


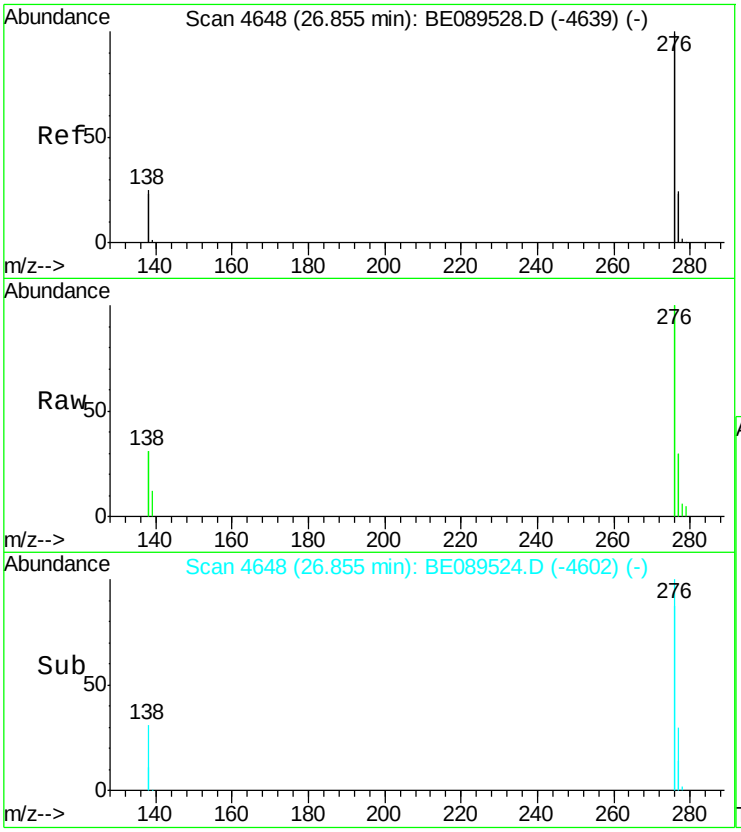


#20
Chrysene
Concen: 0.08 ng
RT: 23.75 min Scan# 4045
Delta R.T. -0.00 min
Lab File: BE089524.D
Acq: 6 Feb 2015 12:32

Tgt Ion:228 Resp: 8328

Ion	Ratio	Lower	Upper
228	100		
226	30.2	21.0	31.4
229	22.0	16.7	25.1



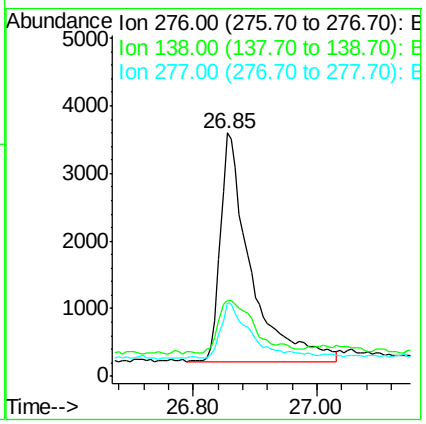


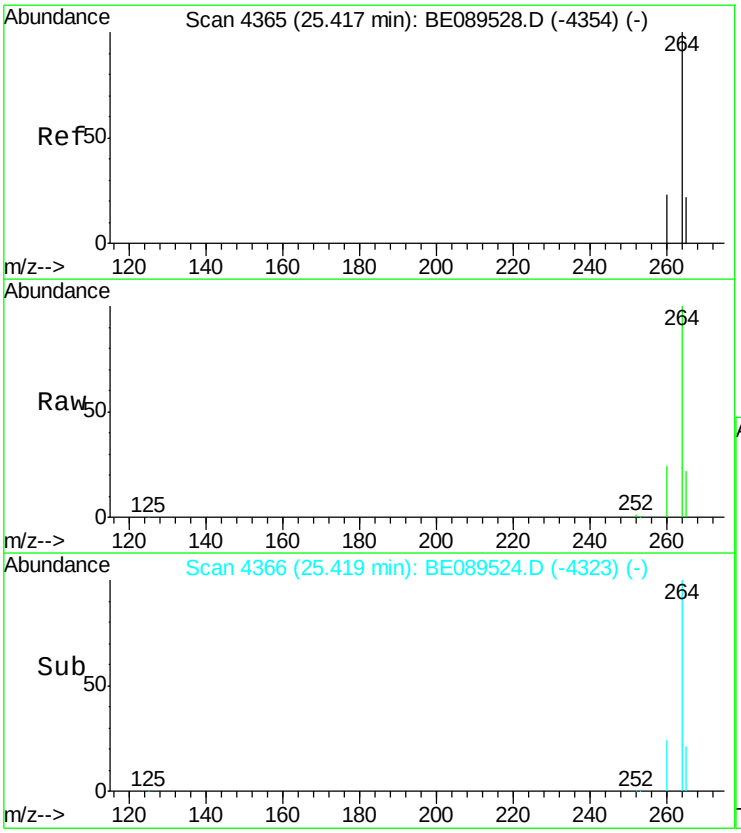
#21
Indeno(1,2,3-cd)pyrene
Concen: 0.10 ng
RT: 26.85 min Scan# 4648
Delta R.T. 0.00 min
Lab File: BE089524.D
Acq: 6 Feb 2015 12:32

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 11467

Ion	Ratio	Lower	Upper
276	100		
138	25.6	23.0	34.4
277	24.1	19.9	29.9

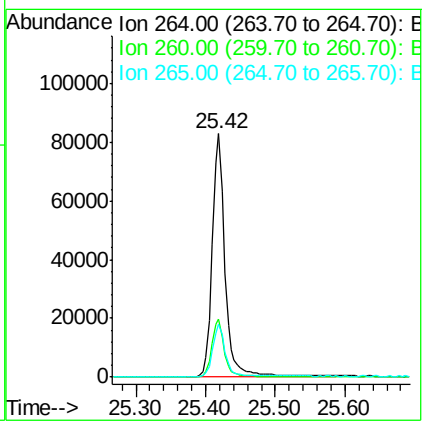


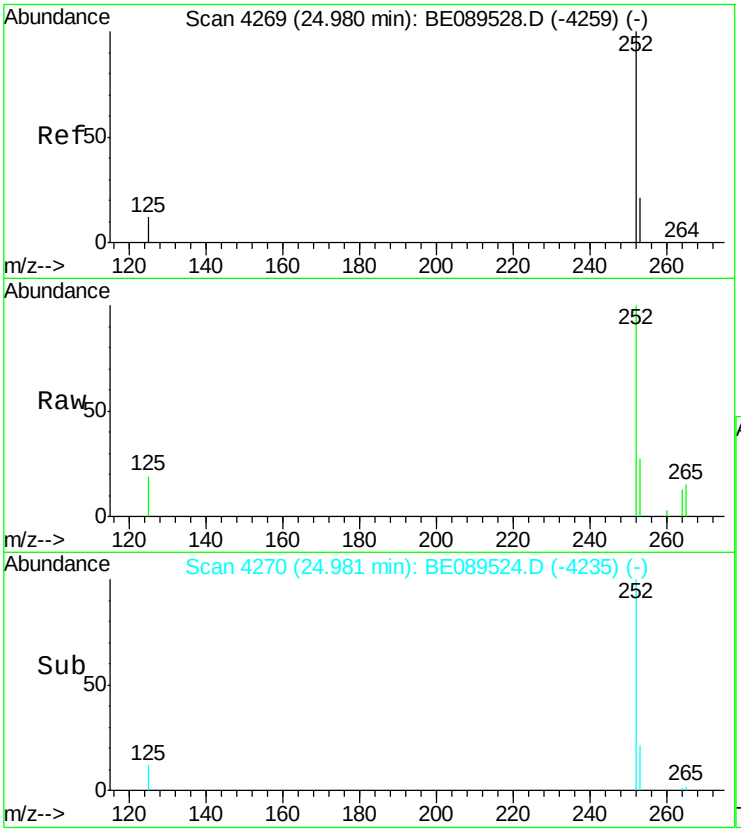


#22
Perylene-d12
Concen: 5.00 ng
RT: 25.42 min Scan# 4366
Delta R.T. 0.00 min
Lab File: BE089524.D
Acq: 6 Feb 2015 12:32

Tgt Ion:264 Resp: 104587

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.5	17.5	26.3



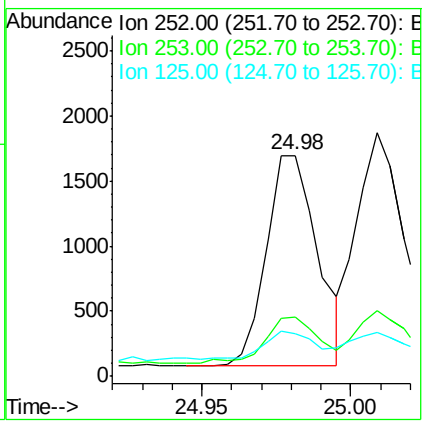


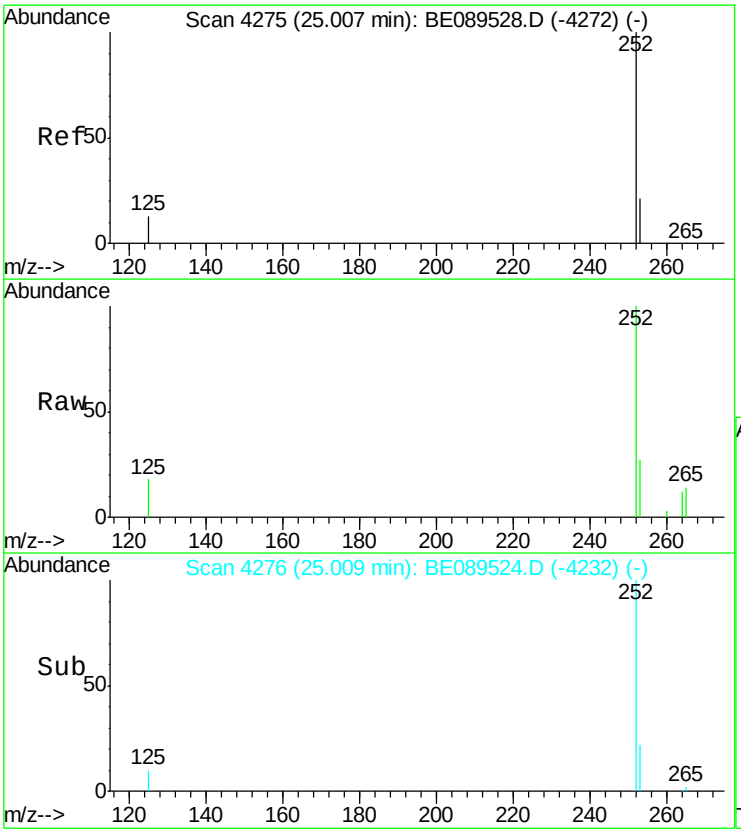
#23
Benzo(b)fluoranthene
Concen: 0.08 ng
RT: 24.98 min Scan# 4270
Delta R.T. 0.00 min
Lab File: BE089524.D
Acq: 6 Feb 2015 12:32

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 1933

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.4	26.0#
125	19.5	10.4	15.6#

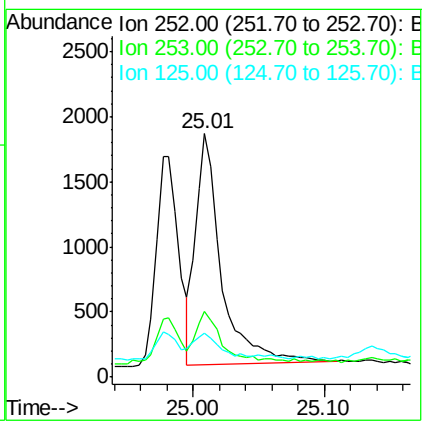


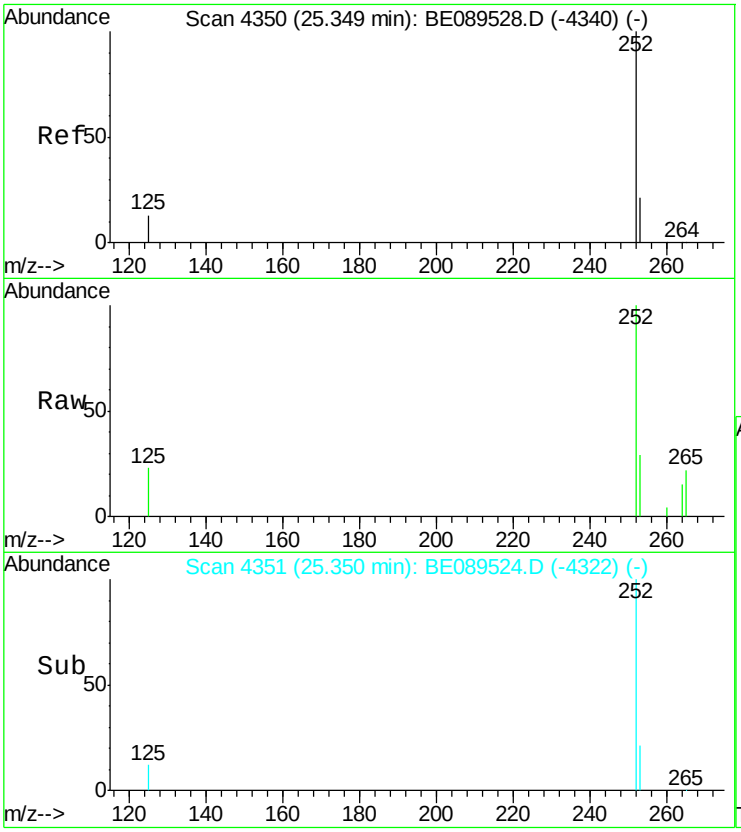


#24
Benzo(k)fluoranthene
Concen: 0.07 ng
RT: 25.01 min Scan# 4276
Delta R.T. 0.00 min
Lab File: BE089524.D
Acq: 6 Feb 2015 12:32

Tgt Ion:252 Resp: 2401

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.2	25.8#
125	17.8	10.6	15.8#



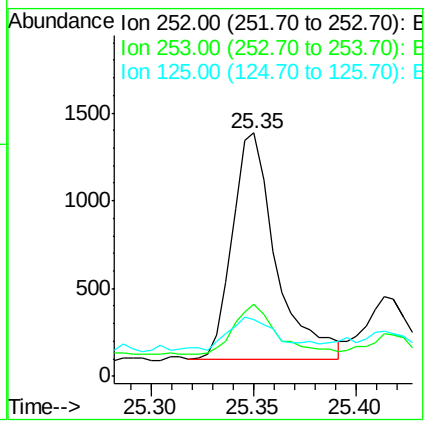


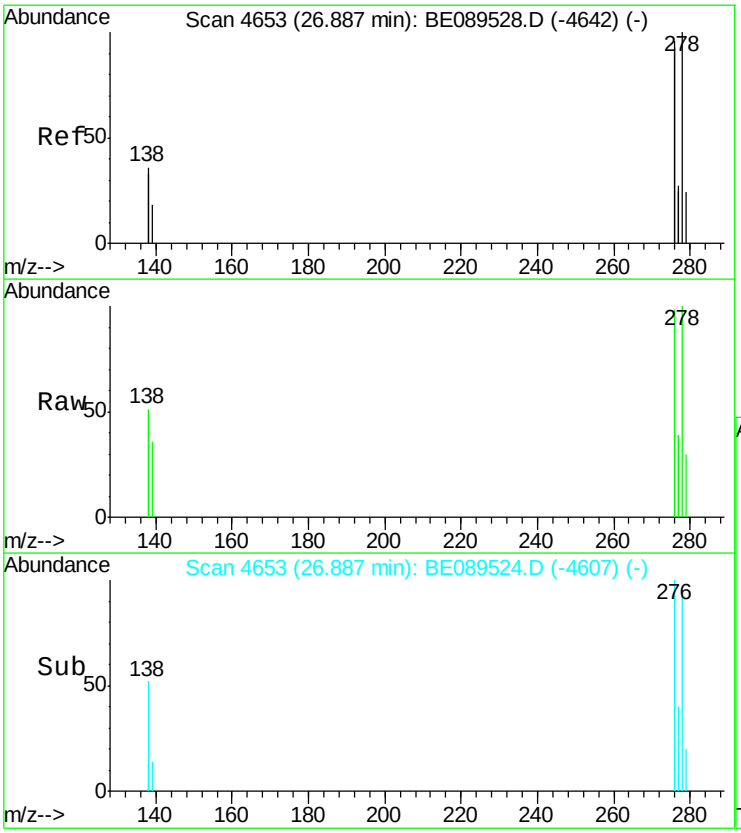
#25
Benzo(a)pyrene
Concen: 0.08 ng
RT: 25.35 min Scan# 4351
Delta R.T. 0.00 min
Lab File: BE089524.D
Acq: 6 Feb 2015 12:32

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 1893

Ion	Ratio	Lower	Upper
252	100		
253	29.3	17.8	26.6#
125	23.1	11.4	17.2#

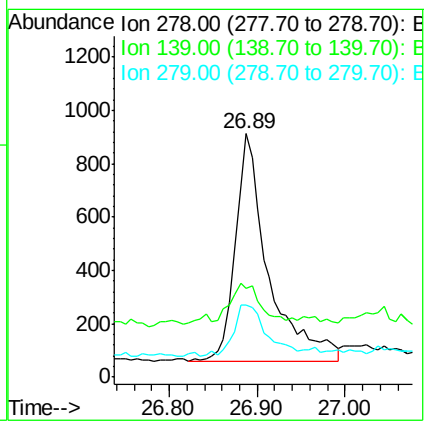


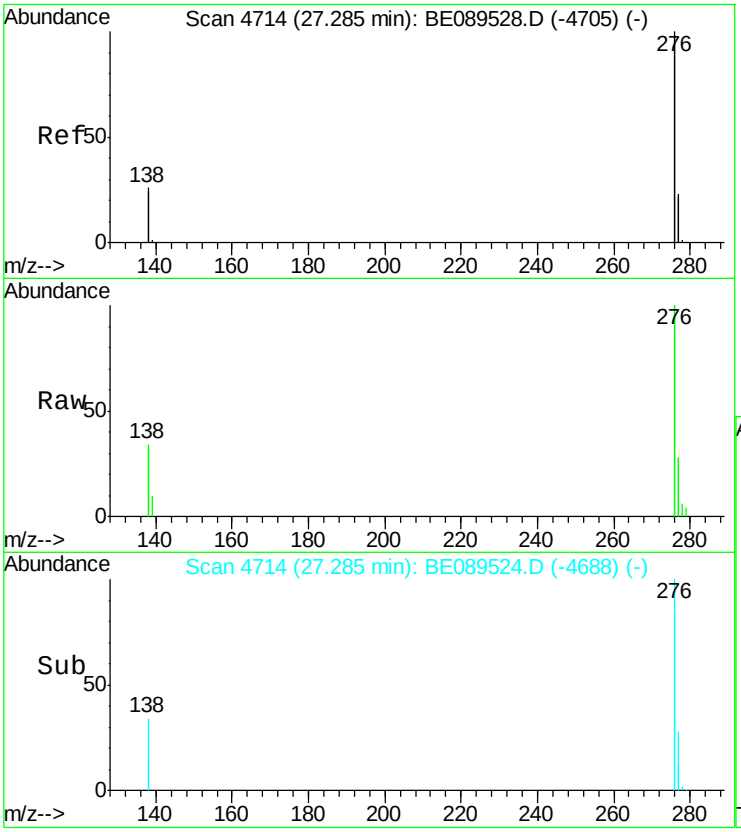


#26
Dibenzo(a,h)anthracene
Concen: 0.08 ng
RT: 26.89 min Scan# 4653
Delta R.T. 0.00 min
Lab File: BE089524.D
Acq: 6 Feb 2015 12:32

Tgt Ion:278 Resp: 2240

Ion	Ratio	Lower	Upper
278	100		
139	36.3	15.7	23.5#
279	29.8	19.5	29.3#





#27
Benzo(g,h,i)perylene
Concen: 0.09 ng
RT: 27.29 min Scan# 4714
Delta R.T. 0.00 min
Lab File: BE089524.D
Acq: 6 Feb 2015 12:32

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 10260

Ion	Ratio	Lower	Upper
276	100		
277	27.6	18.6	27.8
138	33.5	20.9	31.3#