Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
Data File : BE089542.D
Acq On : 7 Feb 2015 2:15
Operator : TP/IZ
Sample : PB81635BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB81635BS

Quant Time: Feb 07 05:57:59 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 04:07:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.42	152	31548	5.00	ng		0.00
2) Naphthalene-d8	12.33	136	118819	5.00	ng		0.00
6) Acenaphthene-d10	16.51	164	49371	5.00	ng		0.00
11) Phenanthrene-d10	19.85	188	91200	5.00	ng		0.00
16) Chrysene-d12	23.72	240	110375	5.00	ng		0.00
22) Perylene-d12	25.41	264	114534	5.00	ng		0.00
System Monitoring Compounds							
3) Nitrobenzene-d5	10.69	82	71208	9.02	ng		0.00
7) 2-Fluorobiphenyl	14.96	172	109584	8.32	ng		0.00
18) Terphenyl-d14	22.36	244	127325	8.74	ng		0.00
Target Compounds							Qvalue
4) Naphthalene	12.38	128	182571	6.82	ng		99
5) 2-Methylnaphthalene	14.03	142	107287	7.06	ng		98
8) Acenaphthylene	16.16	152	605995	7.30	ng		100
9) Acenaphthene	16.59	154	89135	6.76	ng		98
10) Fluorene	17.84	166	102111	7.30	ng		98
12) Pentachlorophenol	19.52	266	18555	13.56	ng		87
13) Phenanthrene	19.89	178	156183	6.91	ng		100
14) Anthracene	19.98	178	156909	8.22	ng		99
15) Fluoranthene	21.79	202	164662	7.82	ng		99
17) Pyrene	22.10	202	180348	7.67	ng		99
19) Benzo(a)anthracene	23.71	228	705274	7.18	ng		99
20) Chrysene	23.75	228	744743	7.47	ng		100
21) Indeno(1,2,3-cd)pyrene	26.85	276	906850	6.54	ng		99
23) Benzo(b)fluoranthene	24.98	252	175993	7.91	ng		98
24) Benzo(k)fluoranthene	25.01	252	213315	7.72	ng		98
25) Benzo(a)pyrene	25.35	252	175766	7.95	ng		98
26) Dibenzo(a,h)anthracene	26.89	278	200790	7.39	ng	#	96
27) Benzo(g,h,i)perylene	27.28	276	792487	7.15	ng		97

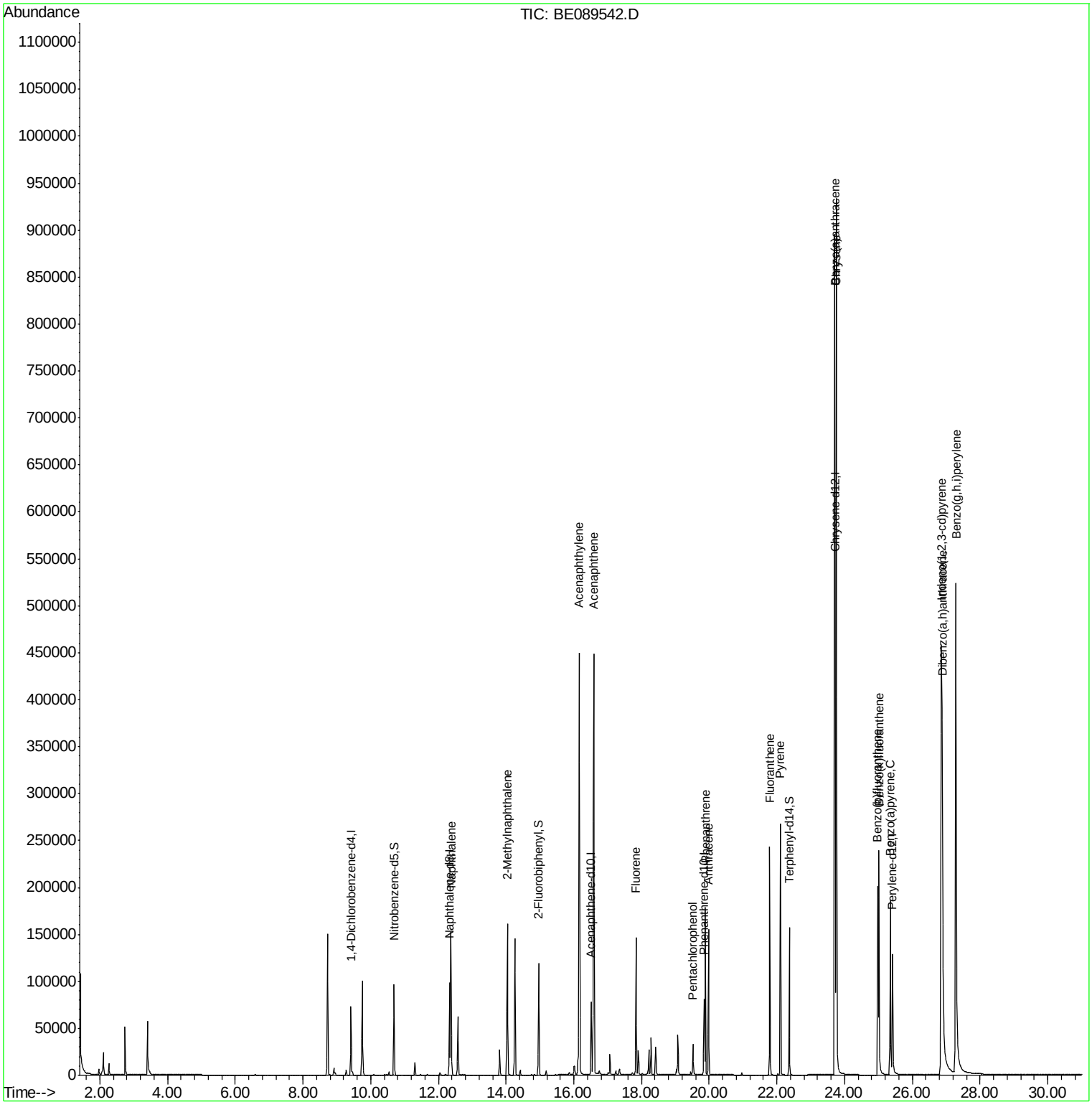
(#) = qualifier out of range (m) = manual integration (+) = signals summed

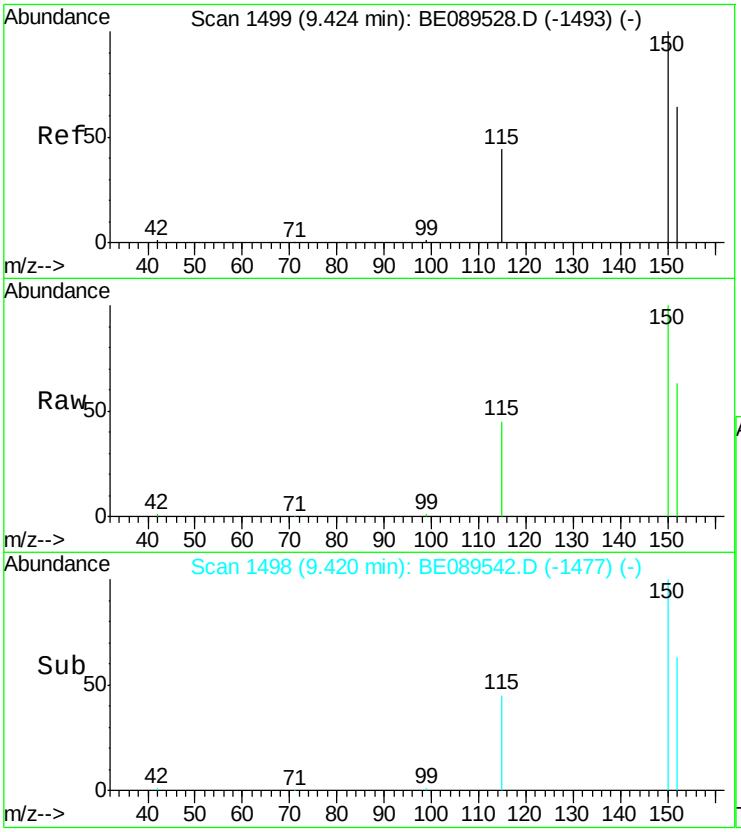
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
Data File : BE089542.D
Acq On : 7 Feb 2015 2:15
Operator : TP/IZ
Sample : PB81635BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB81635BS

Quant Time: Feb 07 05:57:59 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 04:07:57 2015
Response via : Initial Calibration



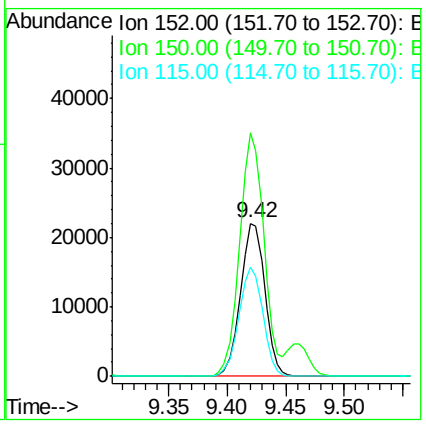


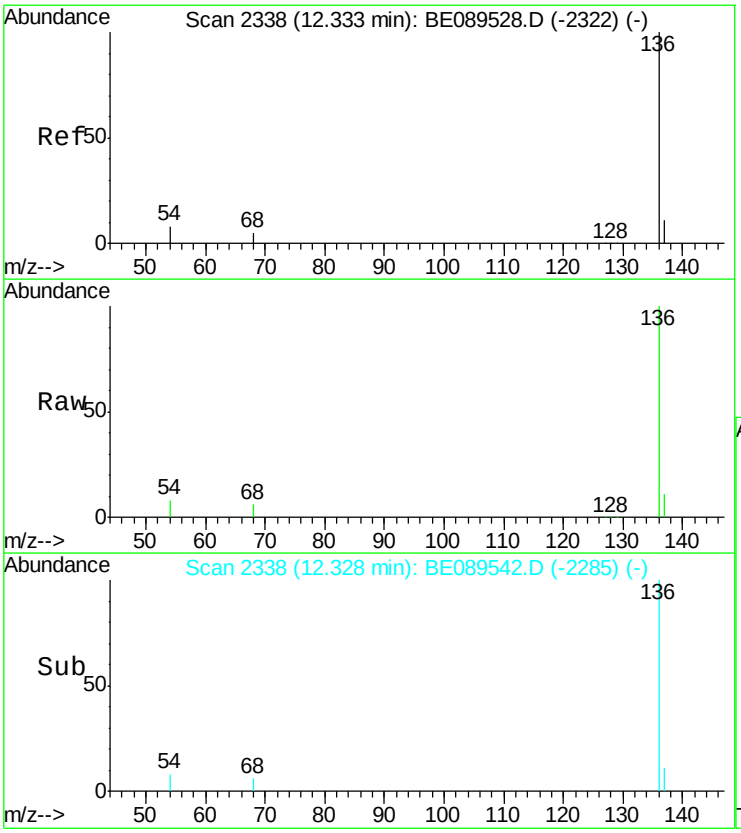
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.42 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BE089542.D
Acq: 7 Feb 2015 2:15

Instrument :
BNA_E
ClientSampleId :
PB81635BS

Tgt Ion:152 Resp: 31548

Ion	Ratio	Lower	Upper
152	100		
150	159.3	125.7	188.5
115	71.9	55.6	83.4

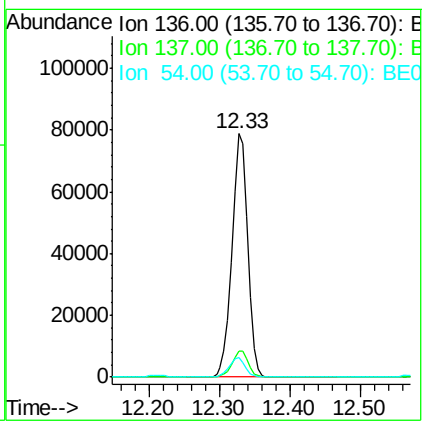


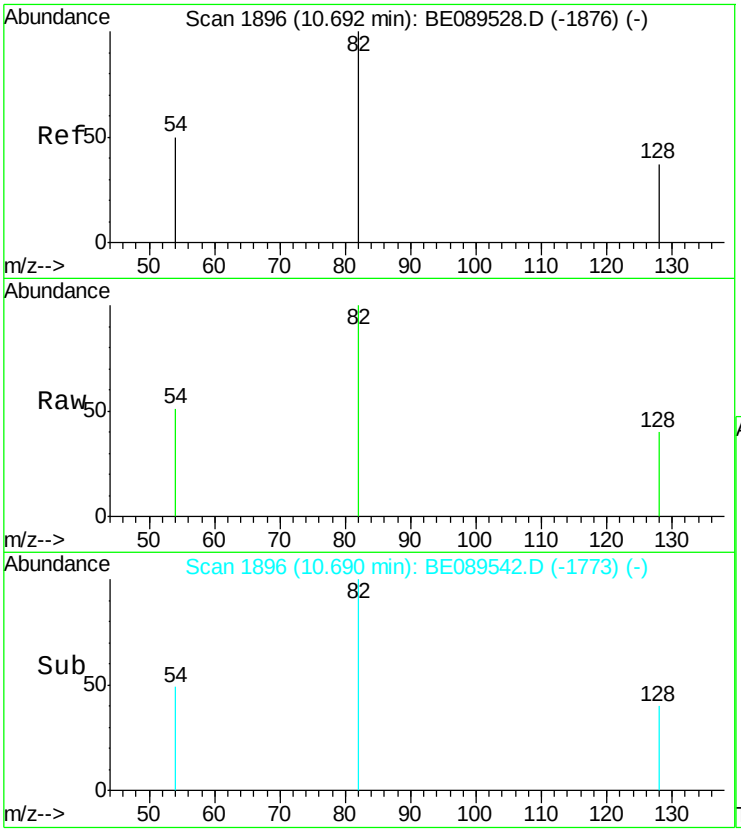


#2
Naphthalene-d8
Concen: 5.00 ng
RT: 12.33 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BE089542.D
Acq: 7 Feb 2015 2:15

Tgt Ion:136 Resp: 118819

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.1	6.1	9.1



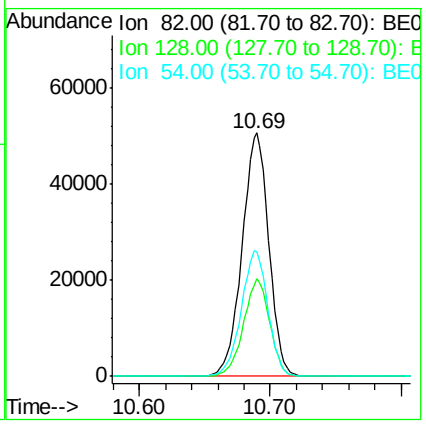


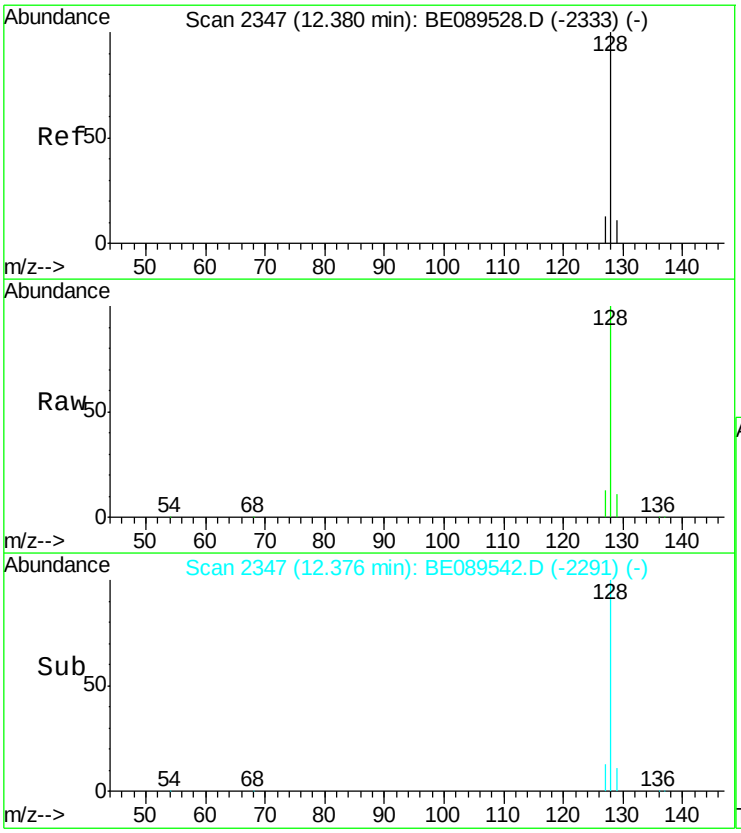
#3
Nitrobenzene-d5
Concen: 9.02 ng
RT: 10.69 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BE089542.D
Acq: 7 Feb 2015 2:15

Instrument :
BNA_E
ClientSampleId :
PB81635BS

Tgt Ion: 82 Resp: 71208

Ion	Ratio	Lower	Upper
82	100		
128	40.1	30.2	45.4
54	51.1	40.6	60.8

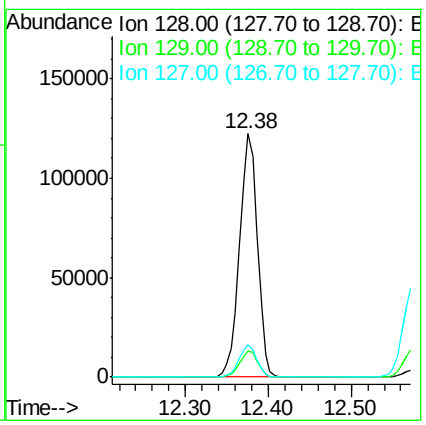


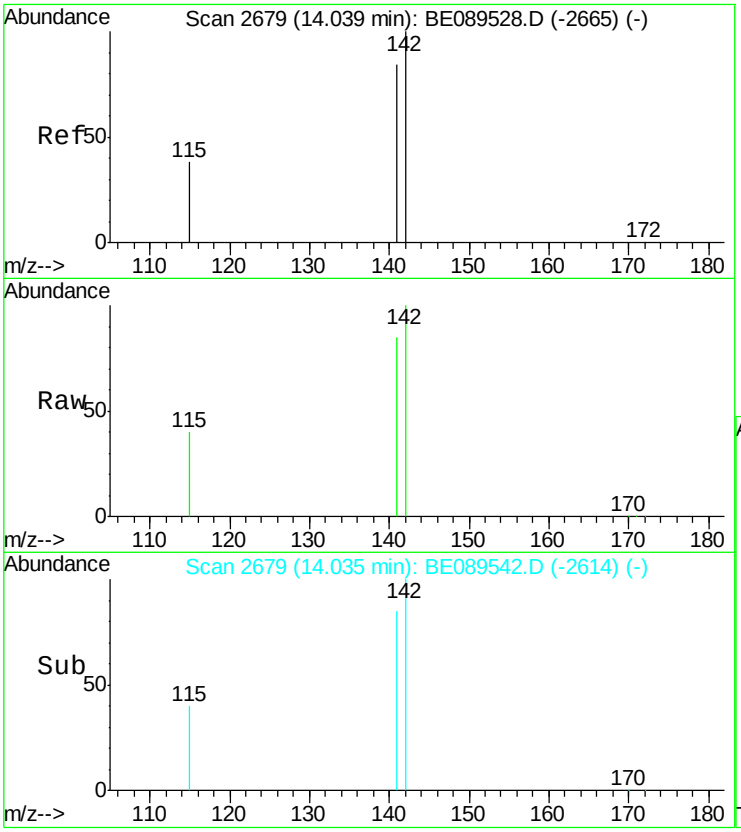


#4
Naphthalene
Concen: 6.82 ng
RT: 12.38 min Scan# 2347
Delta R.T. -0.00 min
Lab File: BE089542.D
Acq: 7 Feb 2015 2:15

Tgt Ion:128 Resp: 182571

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	13.1	10.5	15.7



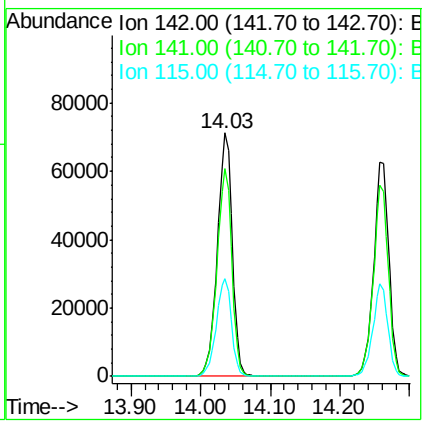


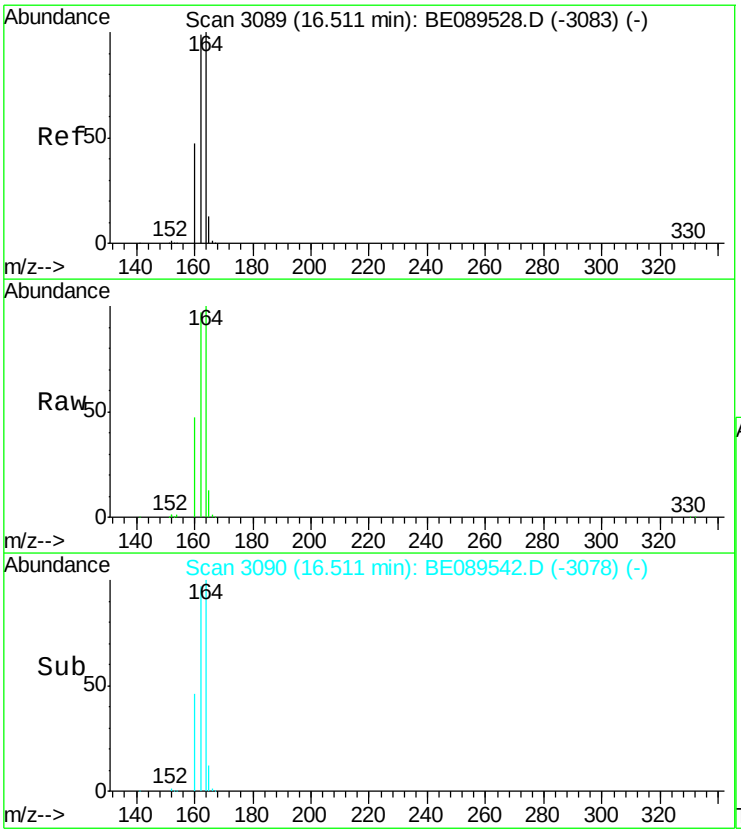
#5
2-Methylnaphthalene
Concen: 7.06 ng
RT: 14.03 min Scan# 2679
Delta R.T. -0.00 min
Lab File: BE089542.D
Acq: 7 Feb 2015 2:15

Instrument :
BNA_E
ClientSampleId :
PB81635BS

Tgt Ion:142 Resp: 107287

Ion	Ratio	Lower	Upper
142	100		
141	85.4	67.0	100.6
115	40.3	30.6	45.8

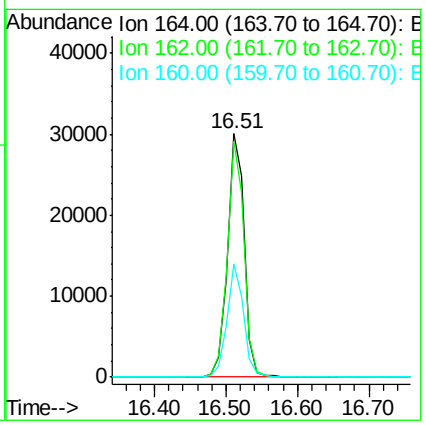


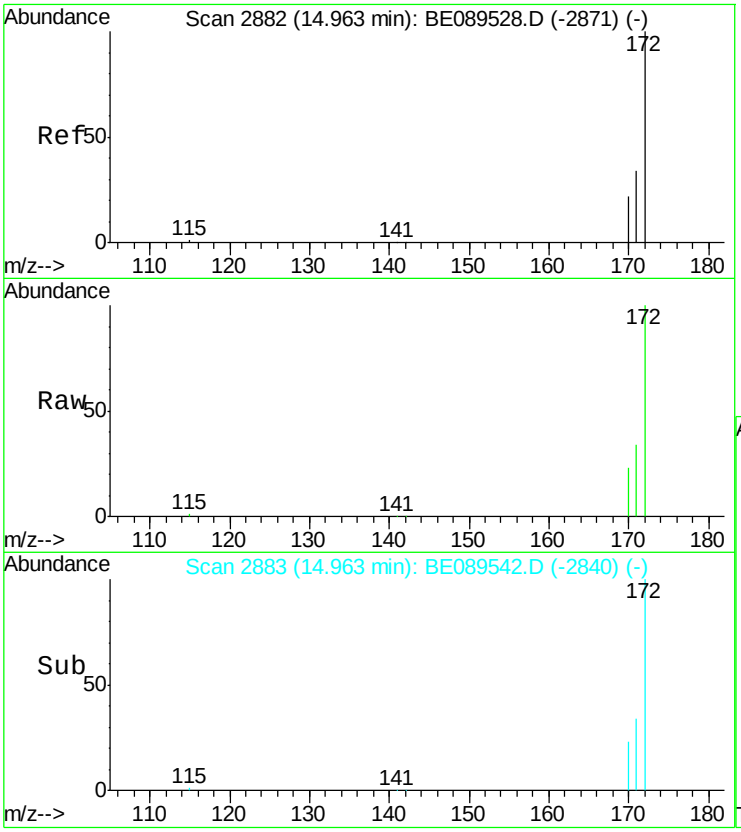


#6
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.51 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BE089542.D
Acq: 7 Feb 2015 2:15

Tgt Ion:164 Resp: 49371

Ion	Ratio	Lower	Upper
164	100		
162	97.0	79.5	119.3
160	46.5	37.6	56.4



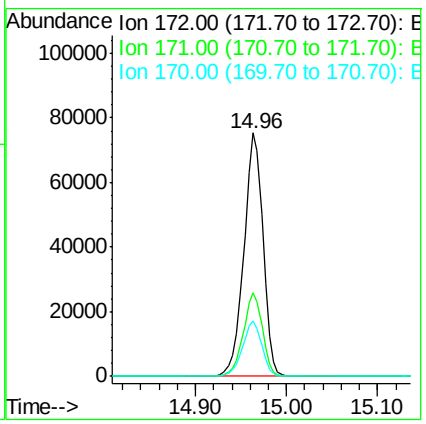


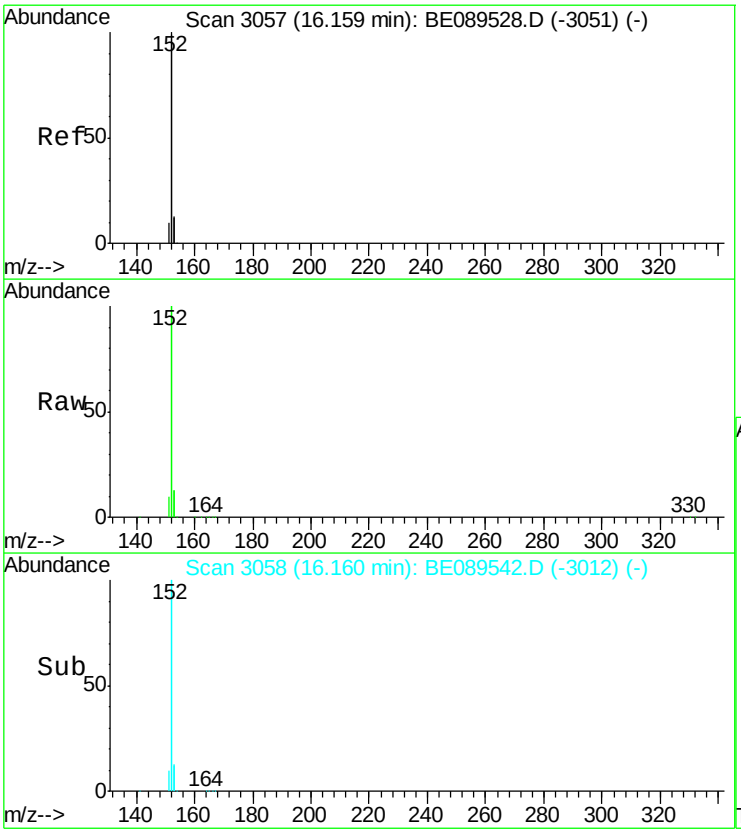
#7
2-Fluorobiphenyl
Concen: 8.32 ng
RT: 14.96 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BE089542.D
Acq: 7 Feb 2015 2:15

Instrument :
BNA_E
ClientSampleId :
PB81635BS

Tgt Ion:172 Resp: 109584

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.7	41.5
170	23.0	18.3	27.5

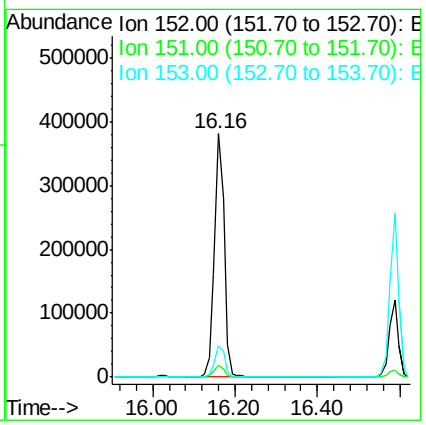


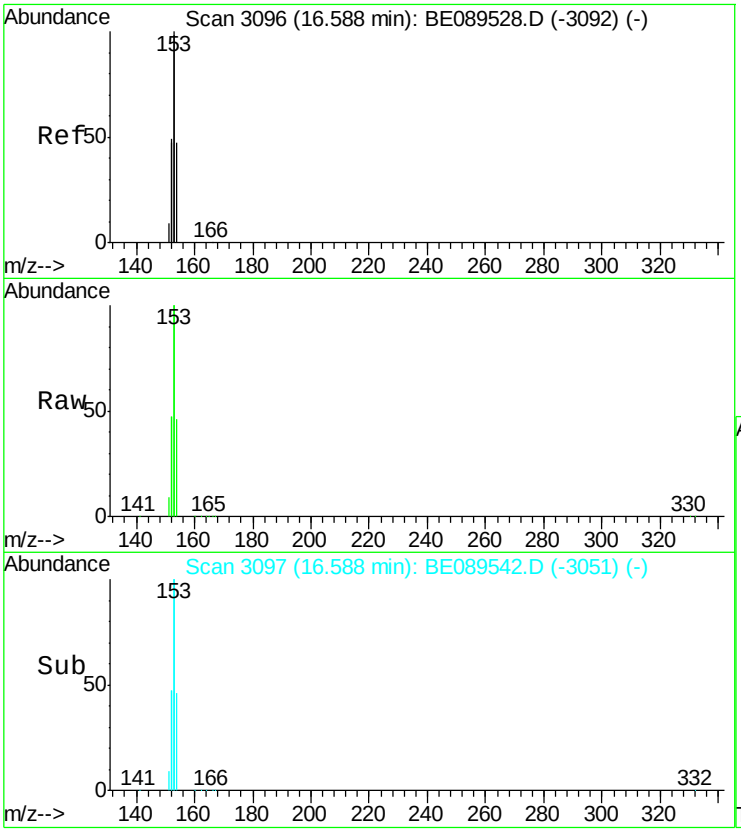


#8
Acenaphthylene
Concen: 7.30 ng
RT: 16.16 min Scan# 3058
Delta R.T. 0.00 min
Lab File: BE089542.D
Acq: 7 Feb 2015 2:15

Tgt Ion:152 Resp: 605995

Ion	Ratio	Lower	Upper
152	100		
151	5.0	4.0	6.0
153	13.0	10.6	15.8



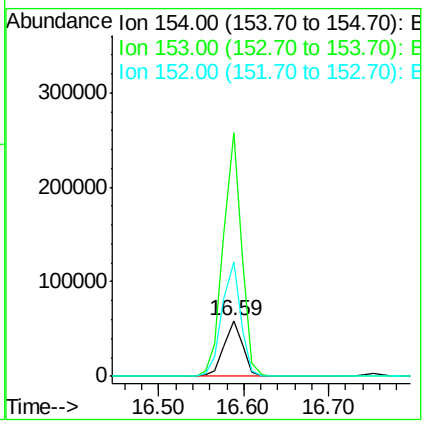


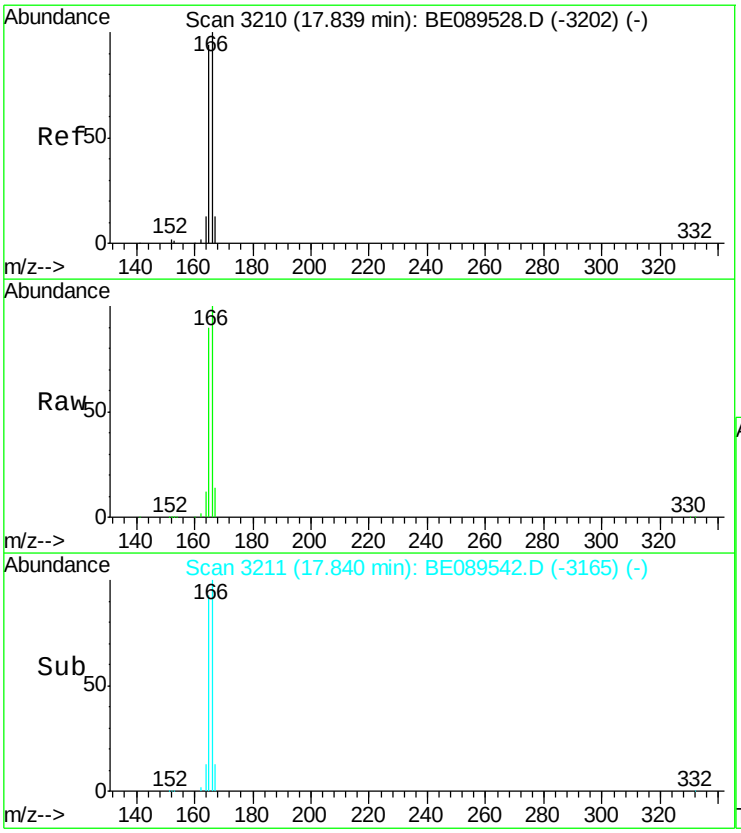
#9
Acenaphthene
Concen: 6.76 ng
RT: 16.59 min Scan# 3097
Delta R.T. 0.00 min
Lab File: BE089542.D
Acq: 7 Feb 2015 2:15

Instrument :
BNA_E
ClientSampleId :
PB81635BS

Tgt Ion:154 Resp: 89135

Ion	Ratio	Lower	Upper
154	100		
153	432.9	340.8	511.2
152	207.9	165.5	248.3

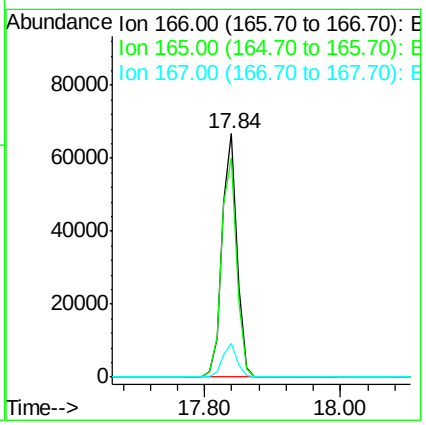


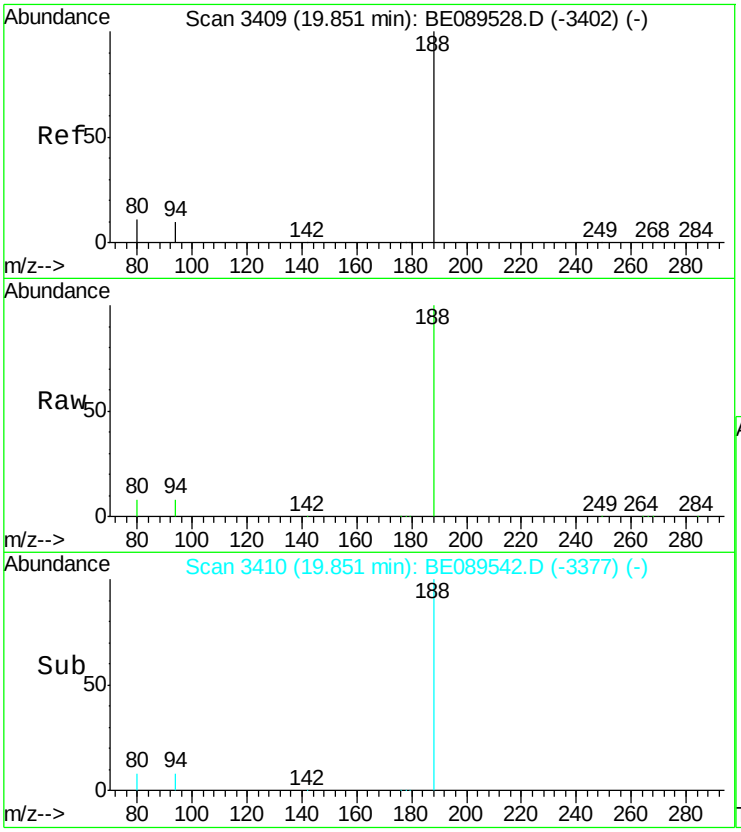


#10
Fluorene
Concen: 7.30 ng
RT: 17.84 min Scan# 3211
Delta R.T. 0.00 min
Lab File: BE089542.D
Acq: 7 Feb 2015 2:15

Tgt Ion:166 Resp: 102111

Ion	Ratio	Lower	Upper
166	100		
165	92.5	75.5	113.3
167	13.1	10.9	16.3



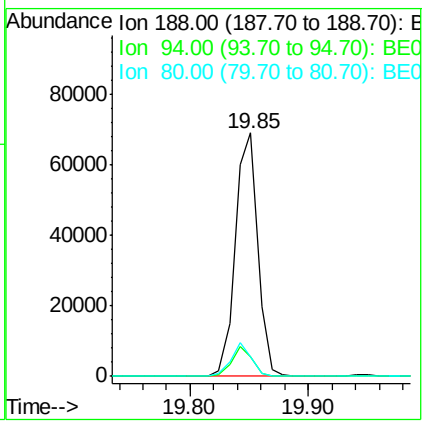


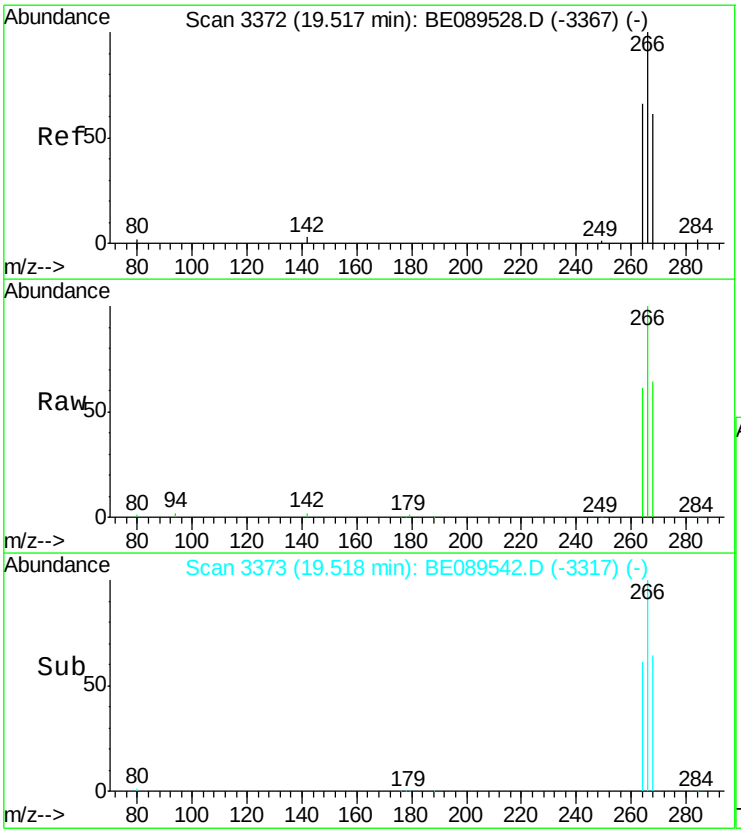
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.85 min Scan# 3410
Delta R.T. 0.00 min
Lab File: BE089542.D
Acq: 7 Feb 2015 2:15

Instrument :
BNA_E
ClientSampleId :
PB81635BS

Tgt Ion:188 Resp: 91200

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.4	12.6#
80	8.1	8.6	12.8#

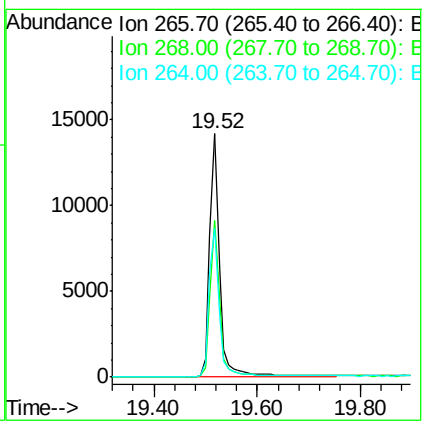


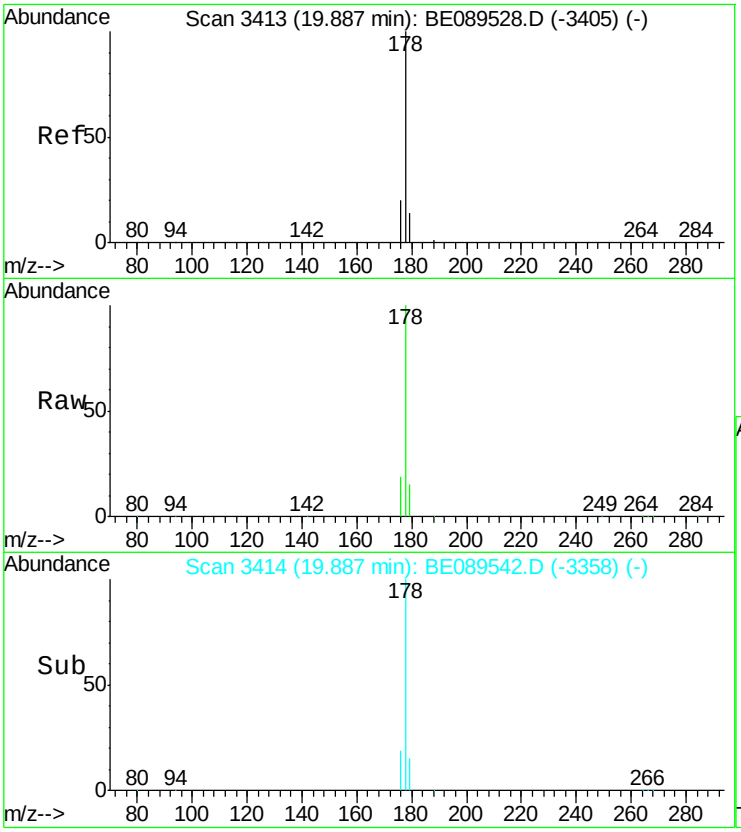


#12
Pentachlorophenol
Concen: 13.56 ng
RT: 19.52 min Scan# 3373
Delta R.T. 0.00 min
Lab File: BE089542.D
Acq: 7 Feb 2015 2:15

Tgt Ion:266 Resp: 18555

Ion	Ratio	Lower	Upper
266	100		
268	64.3	57.9	86.9
264	61.2	60.2	90.4



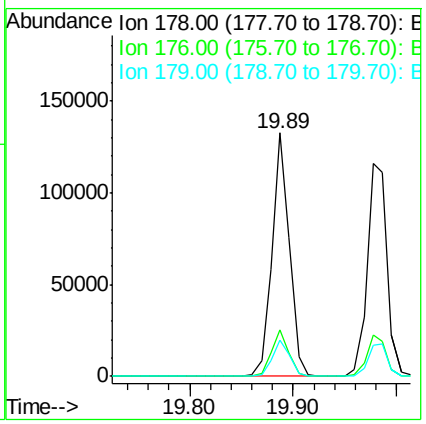


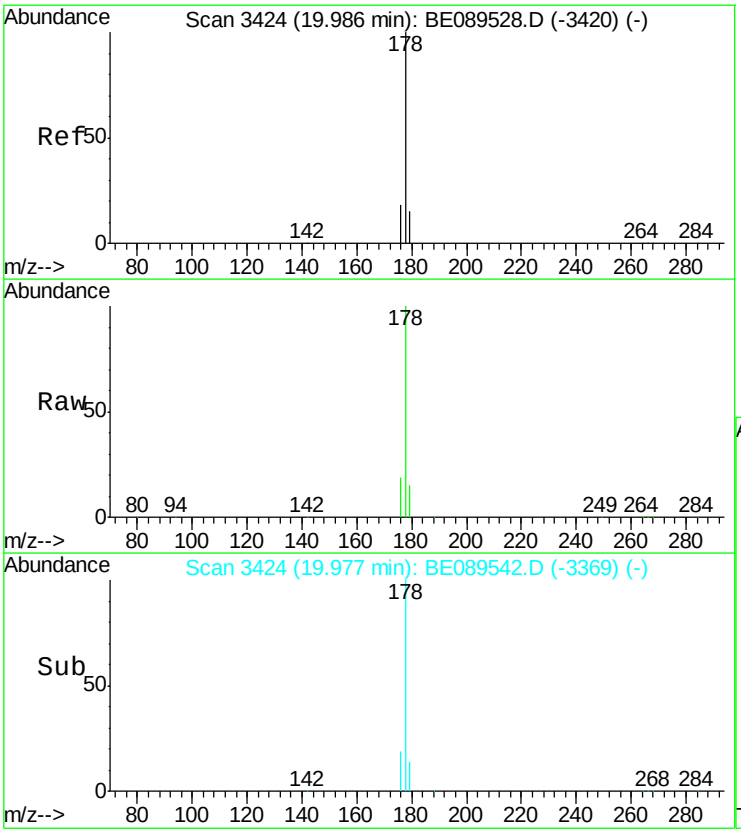
#13
Phenanthrene
Concen: 6.91 ng
RT: 19.89 min Scan# 3414
Delta R.T. 0.00 min
Lab File: BE089542.D
Acq: 7 Feb 2015 2:15

Instrument :
BNA_E
ClientSampleId :
PB81635BS

Tgt Ion:178 Resp: 156183

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.2	12.2	18.2

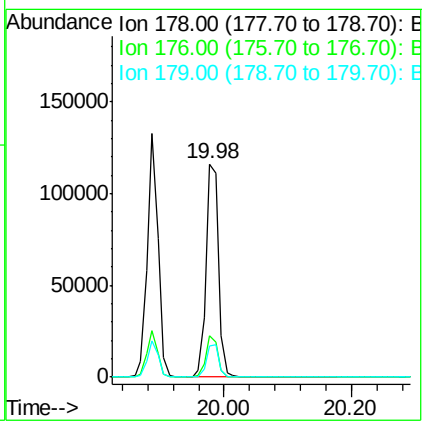


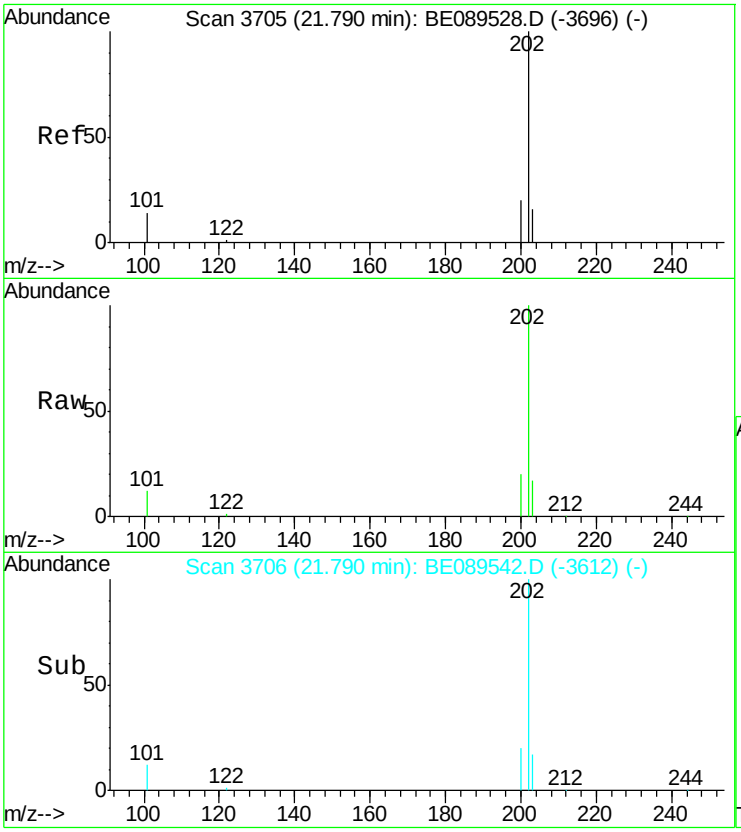


#14
Anthracene
Concen: 8.22 ng
RT: 19.98 min Scan# 3424
Delta R.T. -0.01 min
Lab File: BE089542.D
Acq: 7 Feb 2015 2:15

Tgt Ion:178 Resp: 156909

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	15.0	12.2	18.2



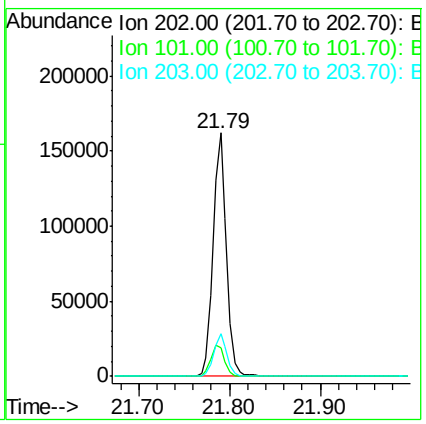


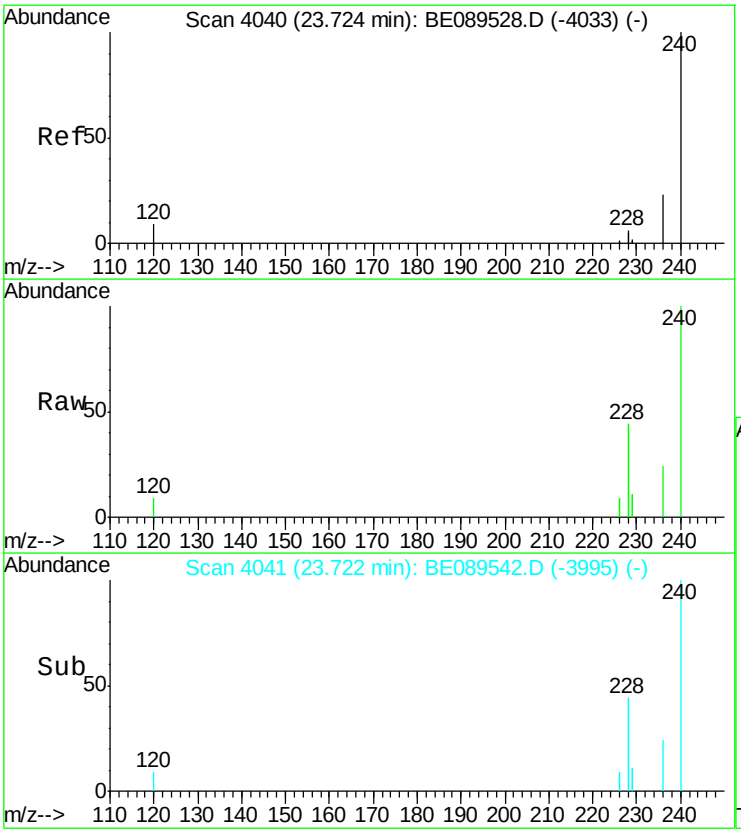
#15
Fluoranthene
Concen: 7.82 ng
RT: 21.79 min Scan# 3706
Delta R.T. 0.00 min
Lab File: BE089542.D
Acq: 7 Feb 2015 2:15

Instrument :
BNA_E
ClientSampleId :
PB81635BS

Tgt Ion:202 Resp: 164662

Ion	Ratio	Lower	Upper
202	100		
101	13.3	11.6	17.4
203	17.1	13.6	20.4

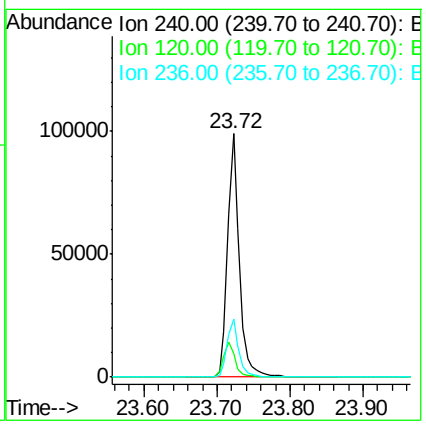


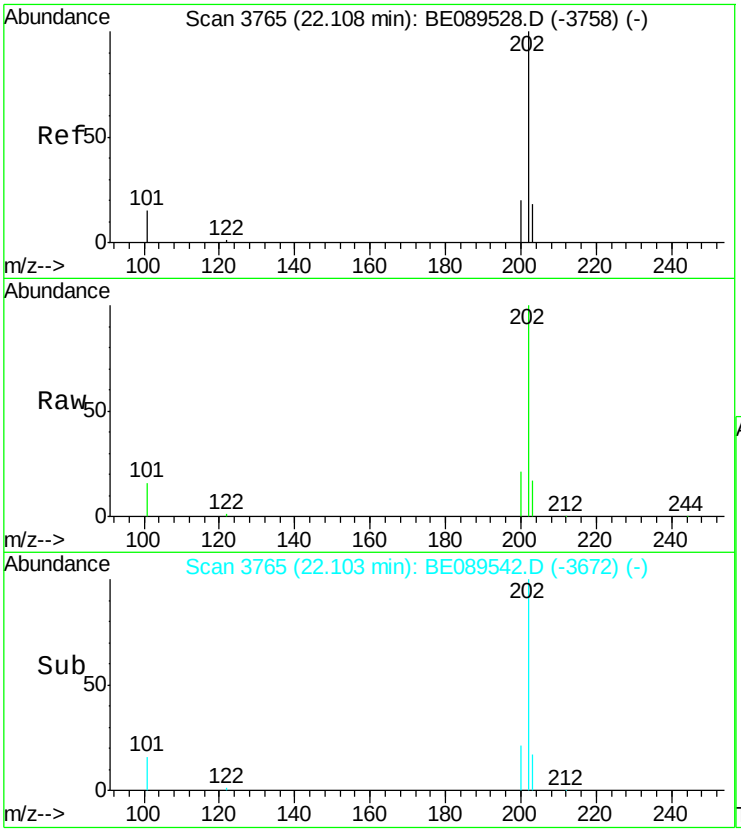


#16
Chrysene-d12
Concen: 5.00 ng
RT: 23.72 min Scan# 4041
Delta R.T. -0.00 min
Lab File: BE089542.D
Acq: 7 Feb 2015 2:15

Tgt Ion:240 Resp: 110375

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.2	10.8
236	23.6	18.5	27.7



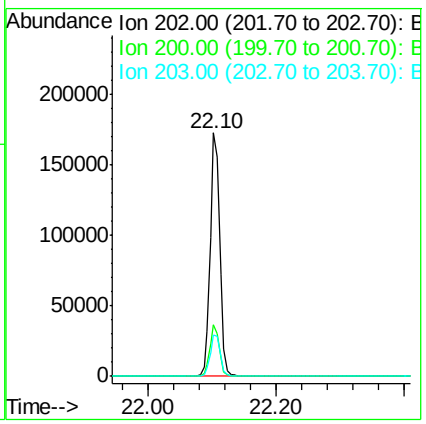


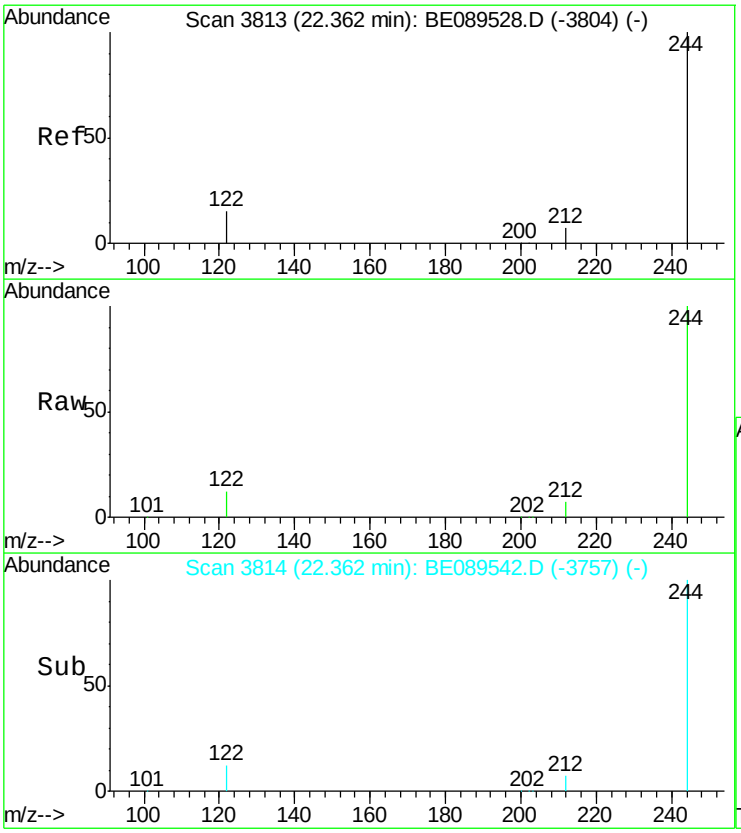
#17
Pyrene
Concen: 7.67 ng
RT: 22.10 min Scan# 3765
Delta R.T. -0.01 min
Lab File: BE089542.D
Acq: 7 Feb 2015 2:15

Instrument :
BNA_E
ClientSampleId :
PB81635BS

Tgt Ion:202 Resp: 180348

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.3	24.5
203	17.8	13.5	20.3

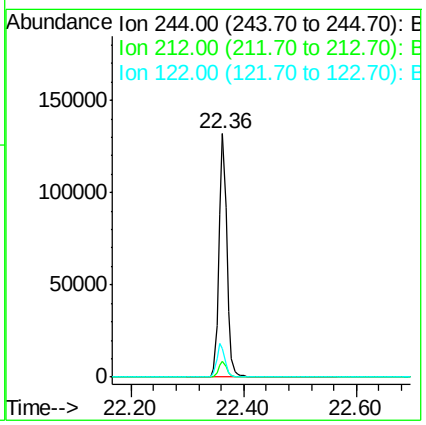


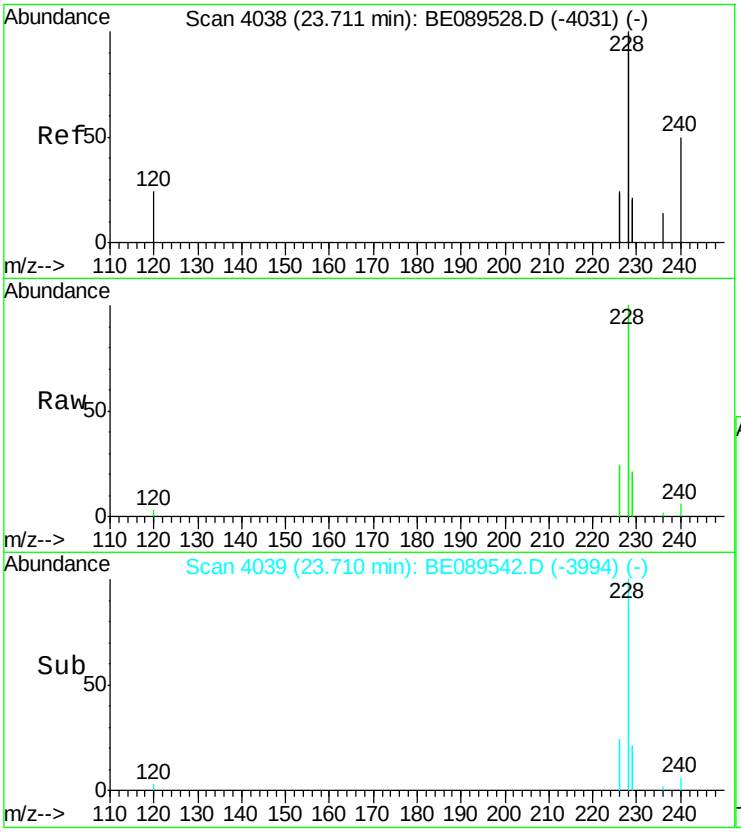


#18
Terphenyl-d14
Concen: 8.74 ng
RT: 22.36 min Scan# 3814
Delta R.T. 0.00 min
Lab File: BE089542.D
Acq: 7 Feb 2015 2:15

Tgt Ion:244 Resp: 127325

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	11.9	12.6	19.0#



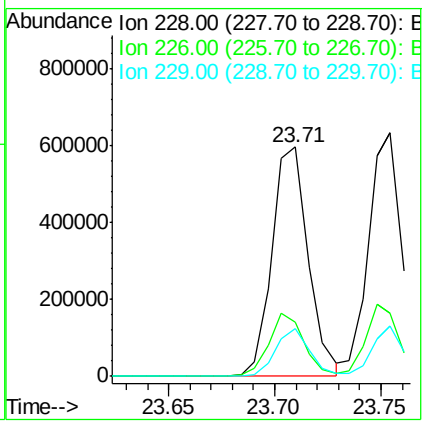


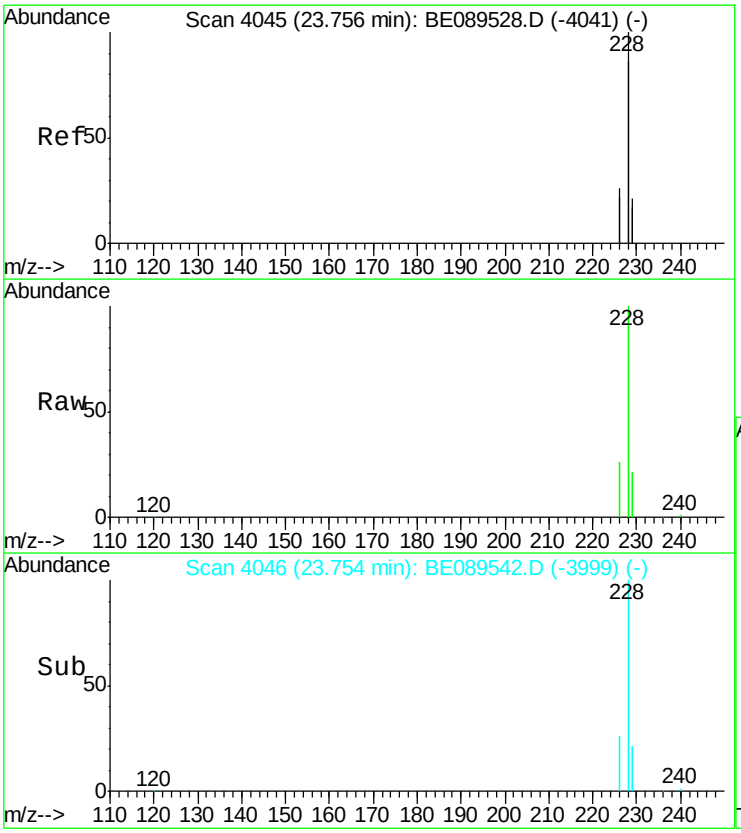
#19
Benzo(a)anthracene
Concen: 7.18 ng
RT: 23.71 min Scan# 4039
Delta R.T. -0.00 min
Lab File: BE089542.D
Acq: 7 Feb 2015 2:15

Instrument :
BNA_E
ClientSampleId :
PB81635BS

Tgt Ion:228 Resp: 705274

Ion	Ratio	Lower	Upper
228	100		
226	23.9	19.0	28.4
229	20.7	16.8	25.2

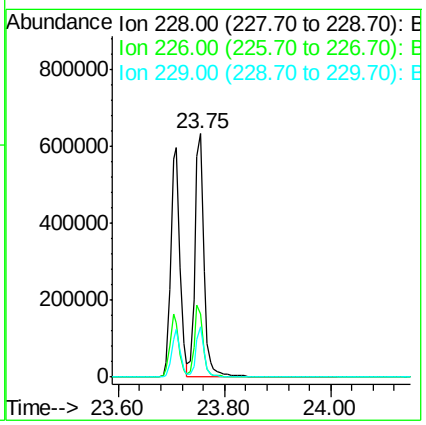


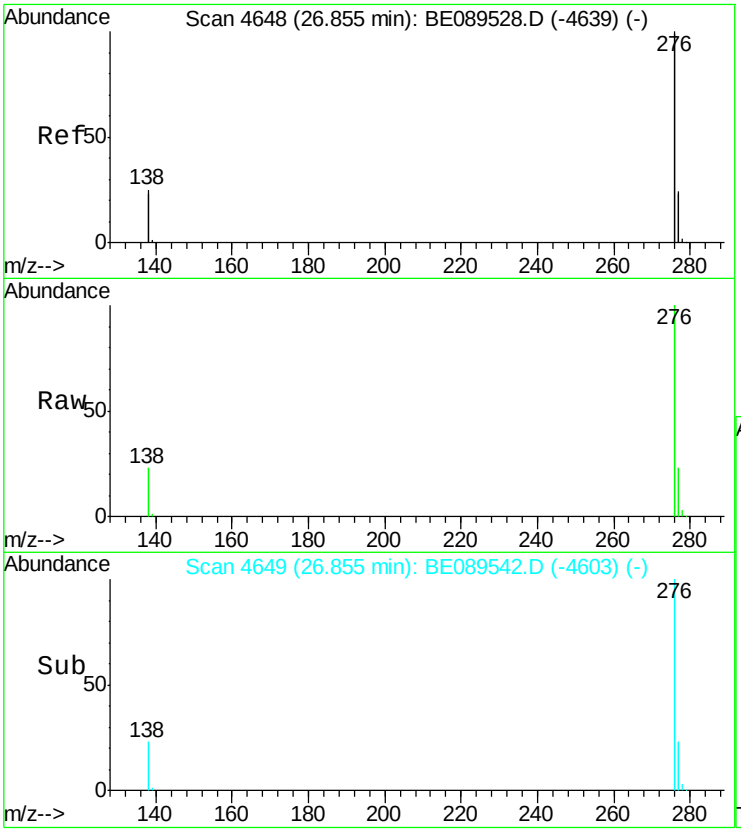


#20
Chrysene
Concen: 7.47 ng
RT: 23.75 min Scan# 4046
Delta R.T. -0.00 min
Lab File: BE089542.D
Acq: 7 Feb 2015 2:15

Tgt Ion:228 Resp: 744743

Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.0	31.4
229	20.7	16.7	25.1



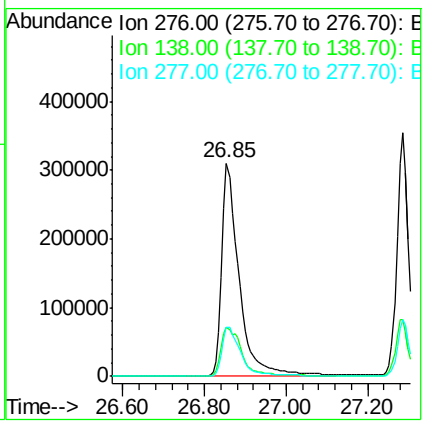


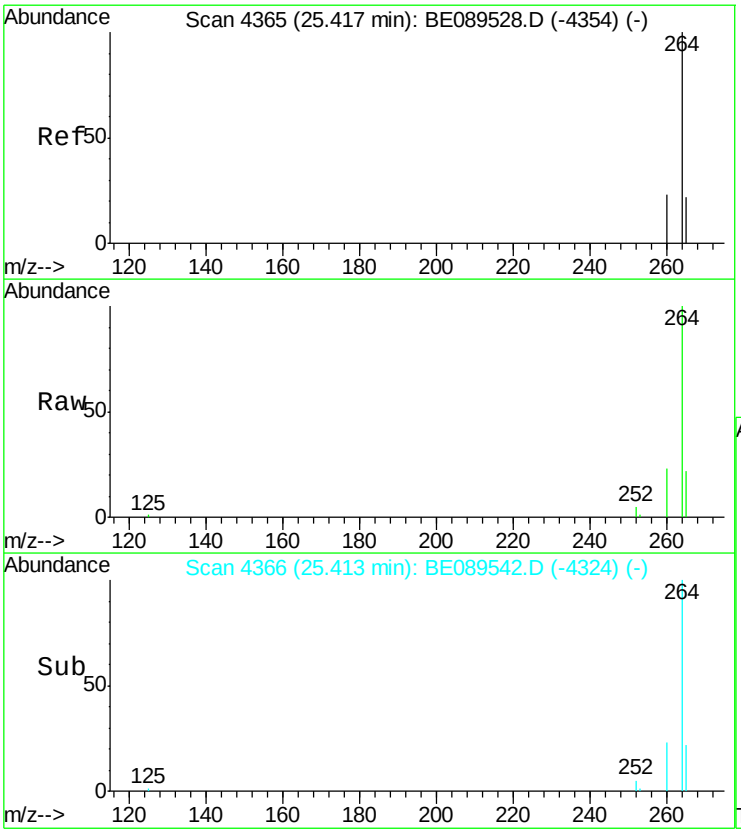
#21
Indeno(1,2,3-cd)pyrene
Concen: 6.54 ng
RT: 26.85 min Scan# 4649
Delta R.T. 0.00 min
Lab File: BE089542.D
Acq: 7 Feb 2015 2:15

Instrument :
BNA_E
ClientSampleId :
PB81635BS

Tgt Ion:276 Resp: 906850

Ion	Ratio	Lower	Upper
276	100		
138	28.0	23.0	34.4
277	25.2	19.9	29.9

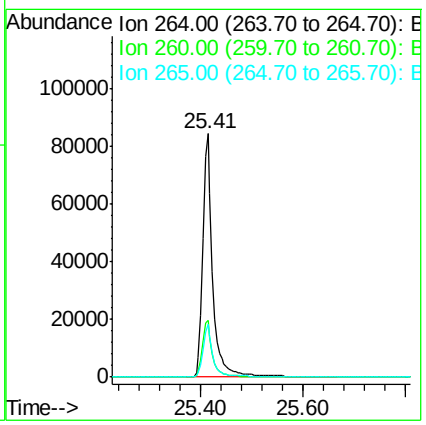


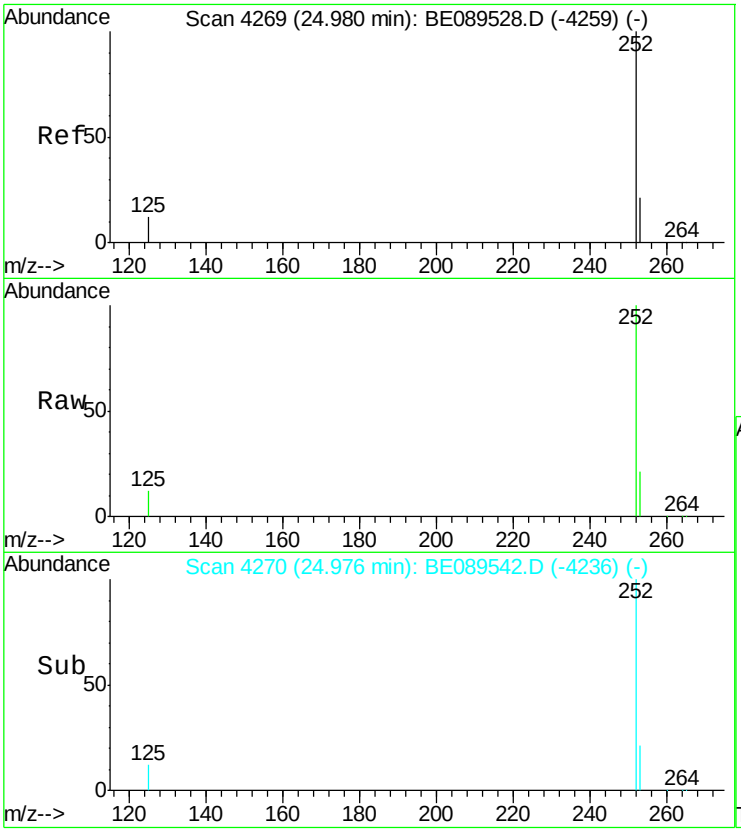


#22
Perylene-d12
Concen: 5.00 ng
RT: 25.41 min Scan# 4366
Delta R.T. -0.00 min
Lab File: BE089542.D
Acq: 7 Feb 2015 2:15

Tgt Ion:264 Resp: 114534

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.7	17.5	26.3



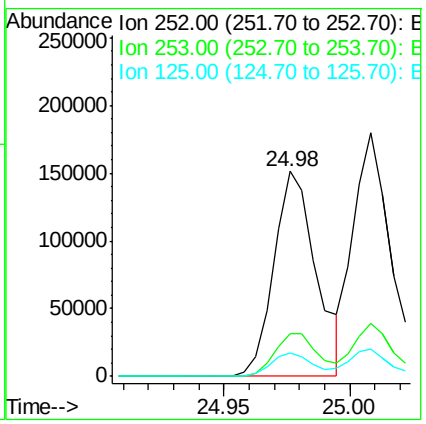


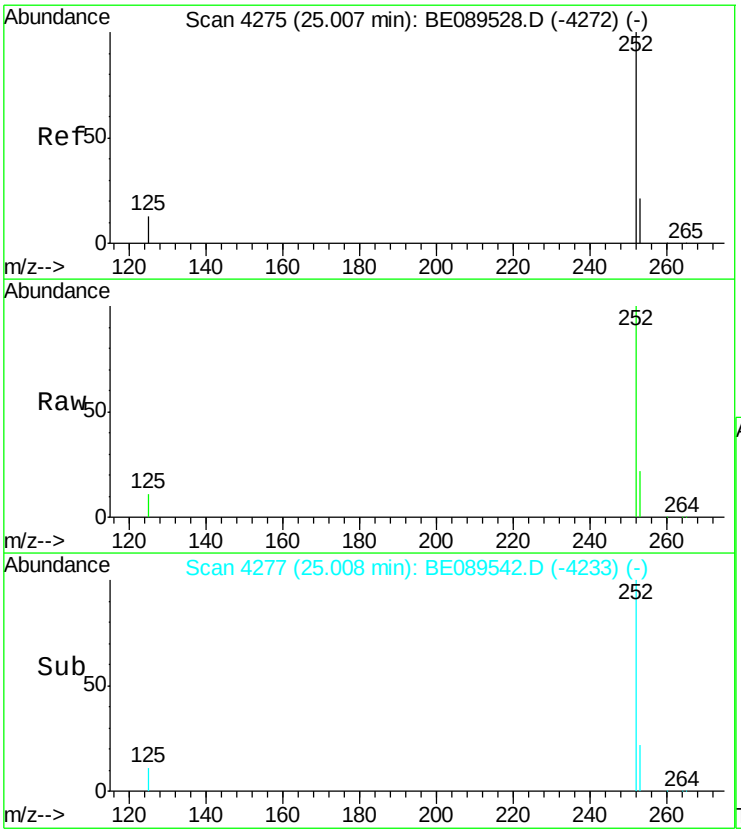
#23
Benzo(b)fluoranthene
Concen: 7.91 ng
RT: 24.98 min Scan# 4270
Delta R.T. -0.00 min
Lab File: BE089542.D
Acq: 7 Feb 2015 2:15

Instrument :
BNA_E
ClientSampleId :
PB81635BS

Tgt Ion:252 Resp: 175993

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.4	26.0
125	11.7	10.4	15.6

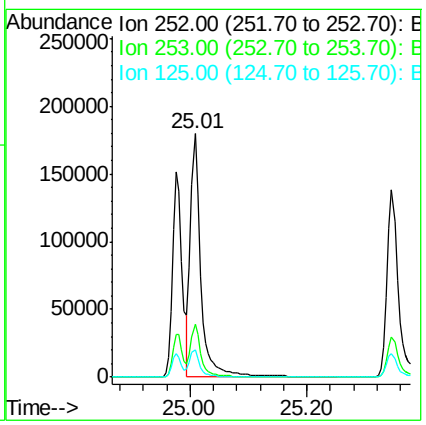


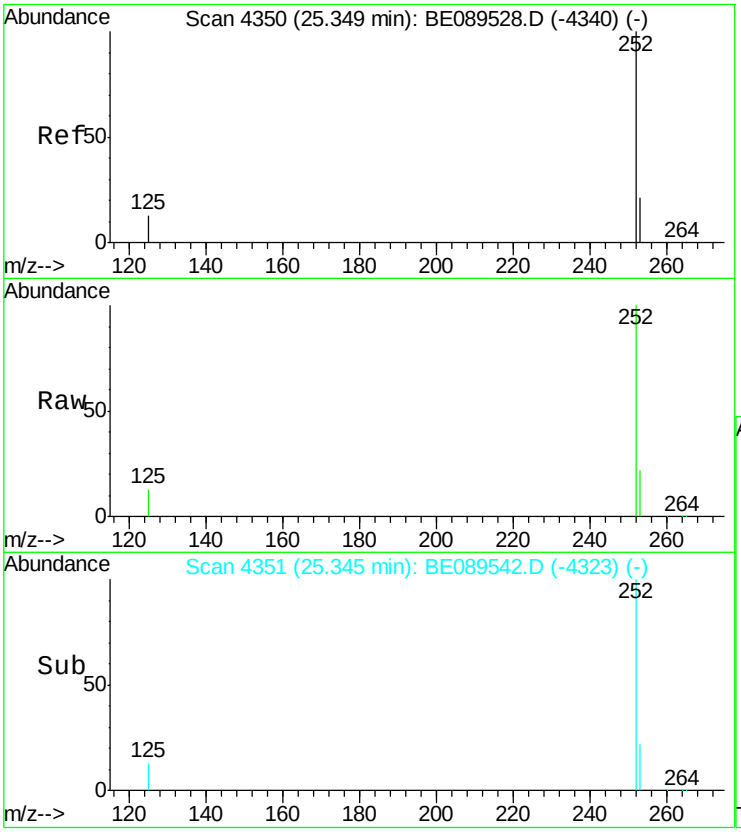


#24
Benzo(k)fluoranthene
Concen: 7.72 ng
RT: 25.01 min Scan# 4277
Delta R.T. 0.00 min
Lab File: BE089542.D
Acq: 7 Feb 2015 2:15

Tgt Ion:252 Resp: 213315

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	11.3	10.6	15.8



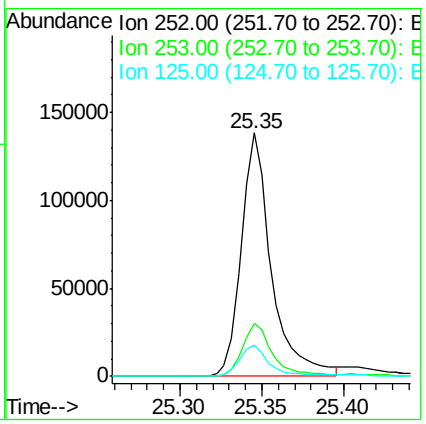


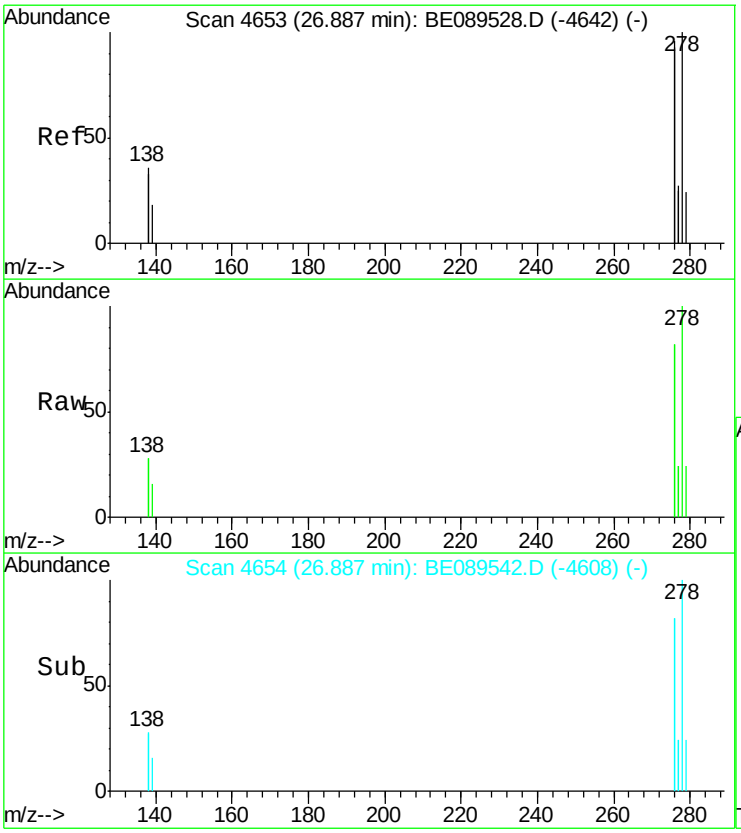
#25
Benzo(a)pyrene
Concen: 7.95 ng
RT: 25.35 min Scan# 4351
Delta R.T. -0.00 min
Lab File: BE089542.D
Acq: 7 Feb 2015 2:15

Instrument :
BNA_E
ClientSampleId :
PB81635BS

Tgt Ion:252 Resp: 175766

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	12.7	11.4	17.2

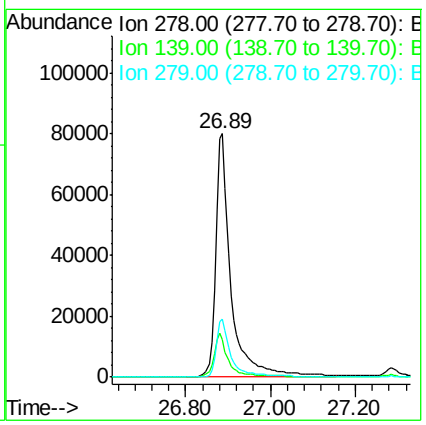


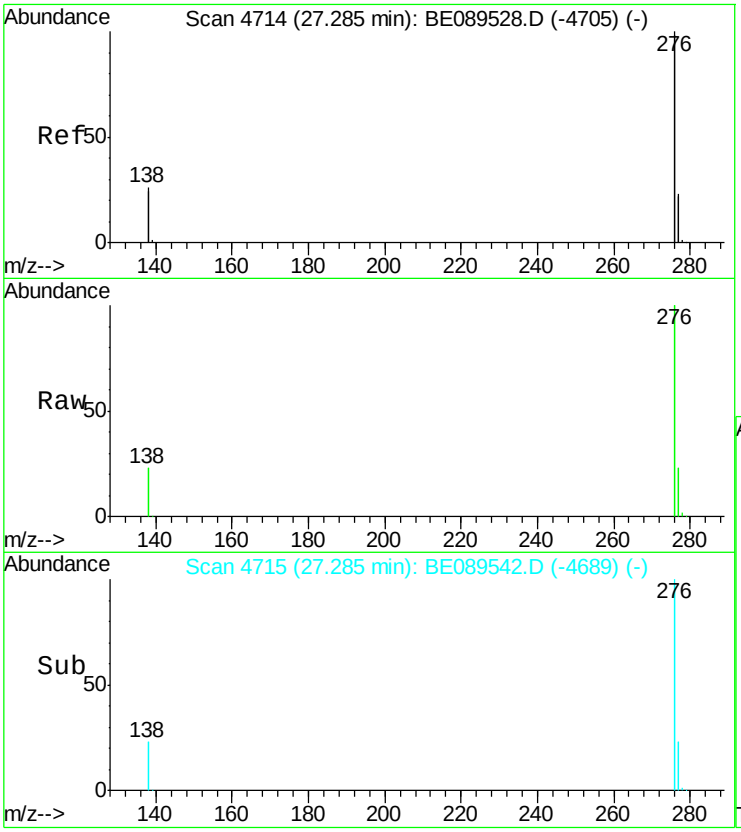


#26
Dibenzo(a,h)anthracene
Concen: 7.39 ng
RT: 26.89 min Scan# 4654
Delta R.T. 0.00 min
Lab File: BE089542.D
Acq: 7 Feb 2015 2:15

Tgt Ion:278 Resp: 200790

Ion	Ratio	Lower	Upper
278	100		
139	15.6	15.7	23.5#
279	23.9	19.5	29.3





#27
Benzo(g,h,i)perylene
Concen: 7.15 ng
RT: 27.28 min Scan# 4715
Delta R.T. 0.00 min
Lab File: BE089542.D
Acq: 7 Feb 2015 2:15

Instrument :
BNA_E
ClientSampleId :
PB81635BS

Tgt Ion:276 Resp: 792487

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	27.8
138	23.3	20.9	31.3