Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE013015\
Data File : BE089450.D
Acq On : 30 Jan 2015 22:36
Operator : TP/IZ
Sample : PB81559BL
Misc : 4 TIME INT STD
ALS Vial : 17 Sample Multiplier: 4

Instrument : BNA_E
ClientSampleId : PB81559BL

Quant Time: Feb 02 01:14:17 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE013015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 31 05:05:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.59	152	308948	5.00	ng		0.00
2) Naphthalene-d8	12.50	136	1189383	5.00	ng		0.00
6) Acenaphthene-d10	16.69	164	526684	5.00	ng		-0.01
11) Phenanthrene-d10	19.99	188	900937	5.00	ng		0.00
16) Chrysene-d12	23.84	240	702590	5.00	ng		0.00
22) Perylene-d12	25.56	264	653953	5.00	ng		0.00
System Monitoring Compounds							
3) Nitrobenzene-d5	10.87	82	1853741	94.15	ng		0.01
7) 2-Fluorobiphenyl	15.14	172	2562901	73.88	ng		0.00
18) Terphenyl-d14	22.49	244	2075081	78.90	ng		0.00
Target Compounds							Qvalue
4) Naphthalene	12.55	128	1156	0.02	ng	#	83
5) 2-Methylnaphthalene	14.20	142	890m	0.02	ng		
8) Acenaphthylene	16.34	152	5952	0.03	ng		98
9) Acenaphthene	16.76	154	1005	0.03	ng	#	78
10) Fluorene	18.02	166	1057	0.03	ng		98
13) Phenanthrene	20.03	178	7066	0.03	ng		95
14) Anthracene	20.12	178	5809m	0.03	ng		
15) Fluoranthene	21.91	202	1232	0.03	ng		94
17) Pyrene	22.23	202	1303m	0.03	ng		
19) Benzo(a)anthracene	23.84	228	11283	0.08	ng	#	83
20) Chrysene	23.87	228	5545	0.03	ng	#	93

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

Quantitation Report (QT Reviewed)

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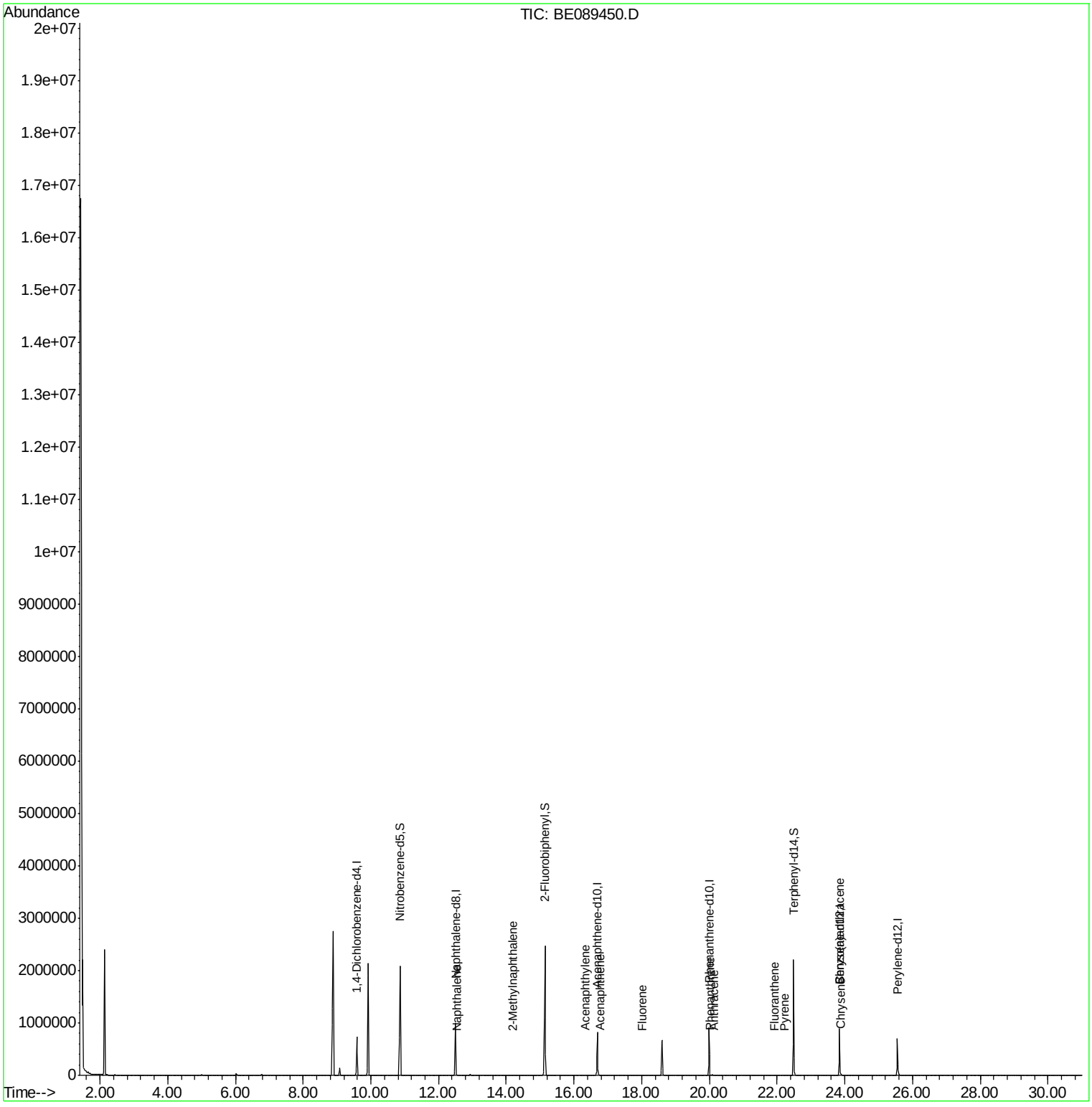
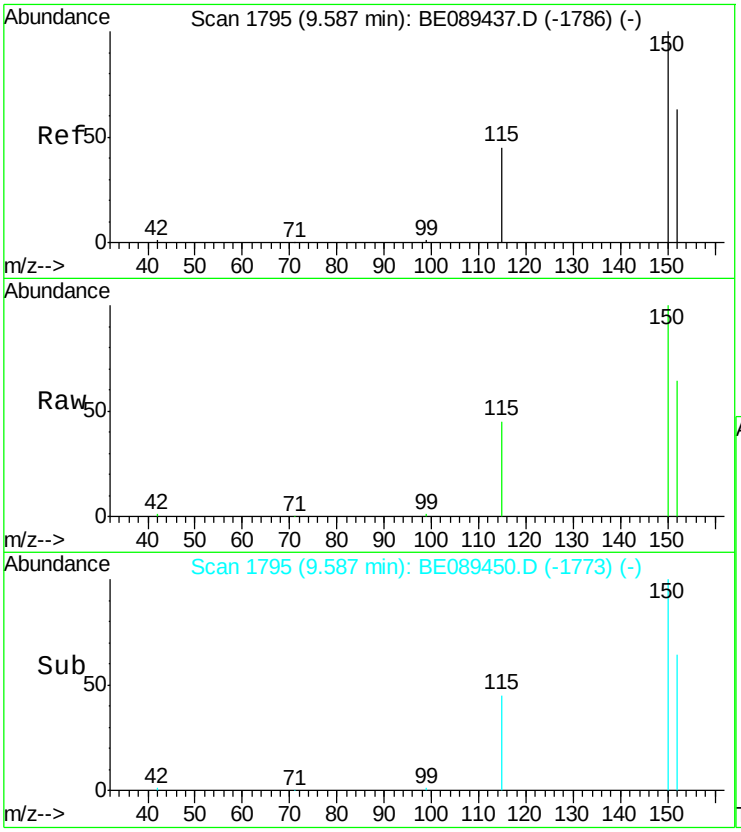
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 31 05:05:18 2015
Response via : Initial Calibration



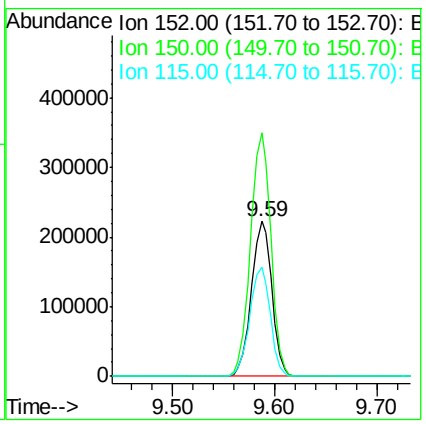


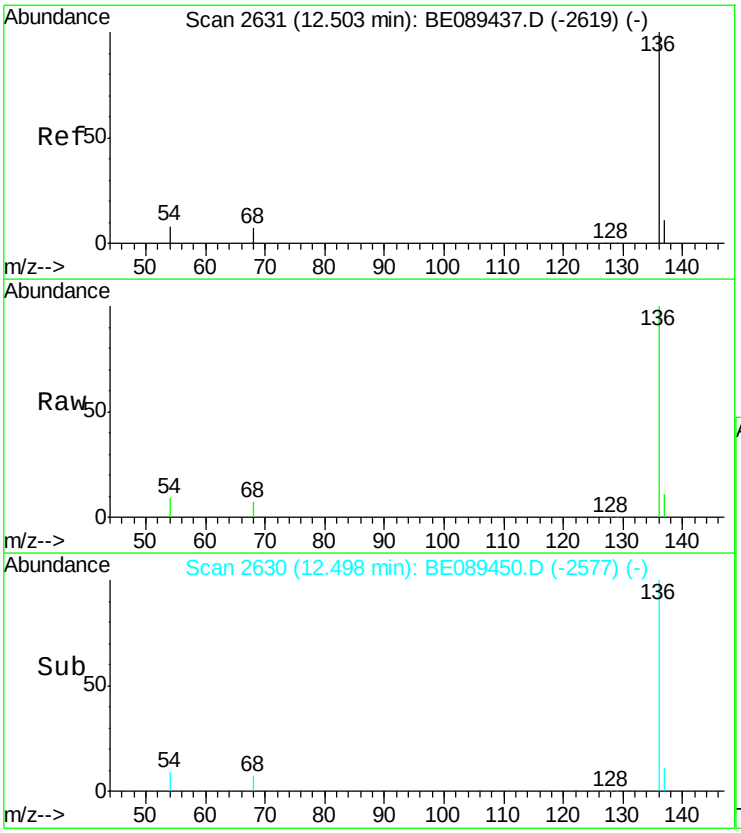
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.59 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BE089450.D
Acq: 30 Jan 2015 22:36

Instrument :
BNA_E
ClientSampleId :
PB81559BL

Tgt Ion:152 Resp: 308948

Ion	Ratio	Lower	Upper
152	100		
150	157.4	127.2	190.8
115	70.7	57.5	86.3

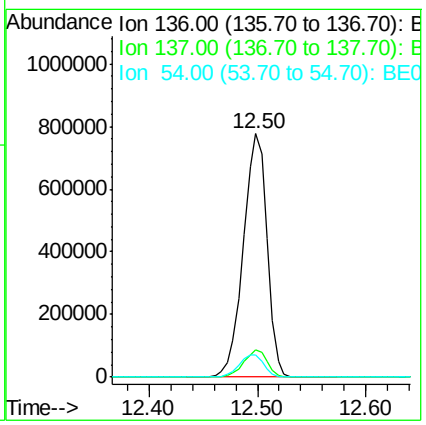


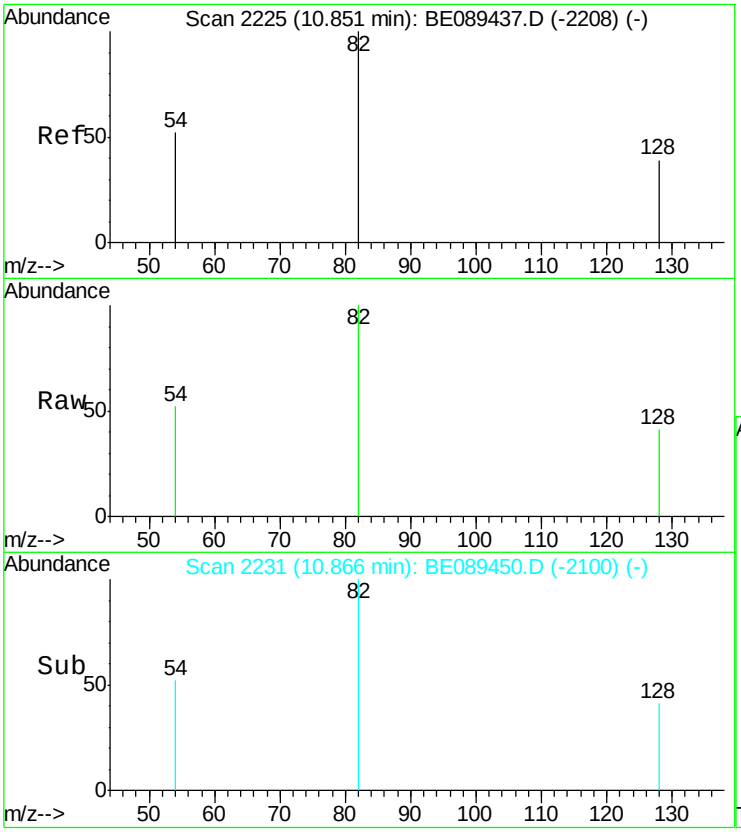


#2
Naphthalene-d8
Concen: 5.00 ng
RT: 12.50 min Scan# 2630
Delta R.T. -0.00 min
Lab File: BE089450.D
Acq: 30 Jan 2015 22:36

Tgt Ion:136 Resp: 1189383

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.2	6.6	10.0



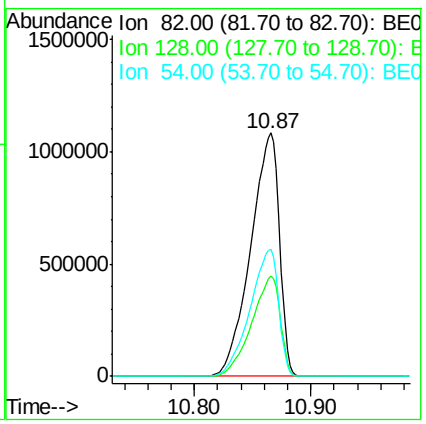


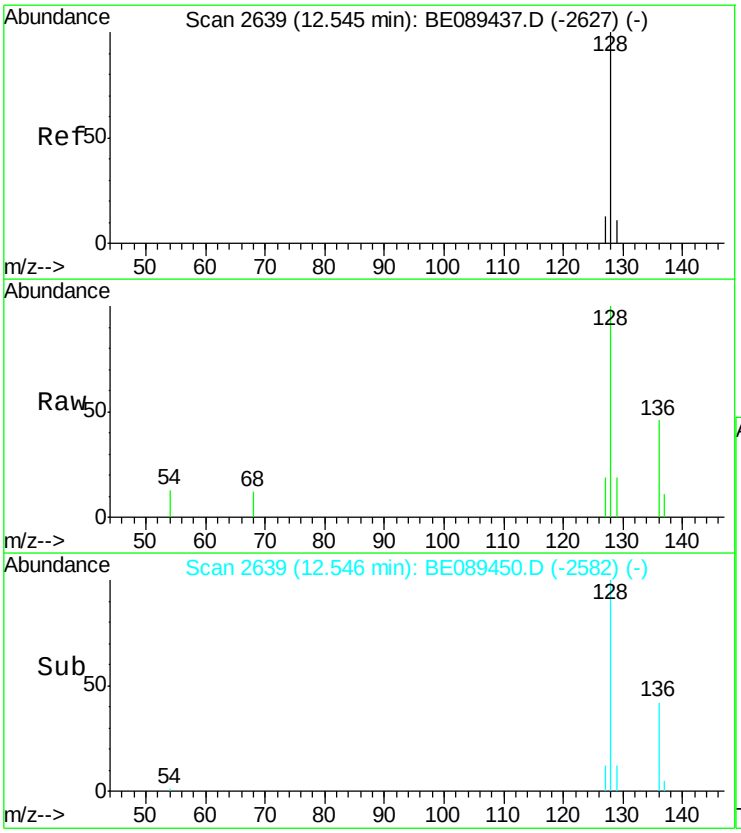
#3
Nitrobenzene-d5
Concen: 94.15 ng
RT: 10.87 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BE089450.D
Acq: 30 Jan 2015 22:36

Instrument :
BNA_E
ClientSampleId :
PB81559BL

Tgt Ion: 82 Resp: 1853741

Ion	Ratio	Lower	Upper
82	100		
128	41.1	31.2	46.8
54	52.1	41.9	62.9

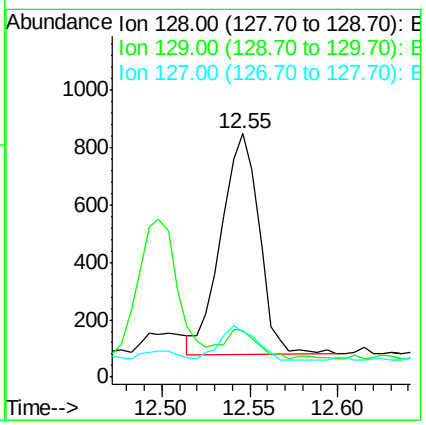


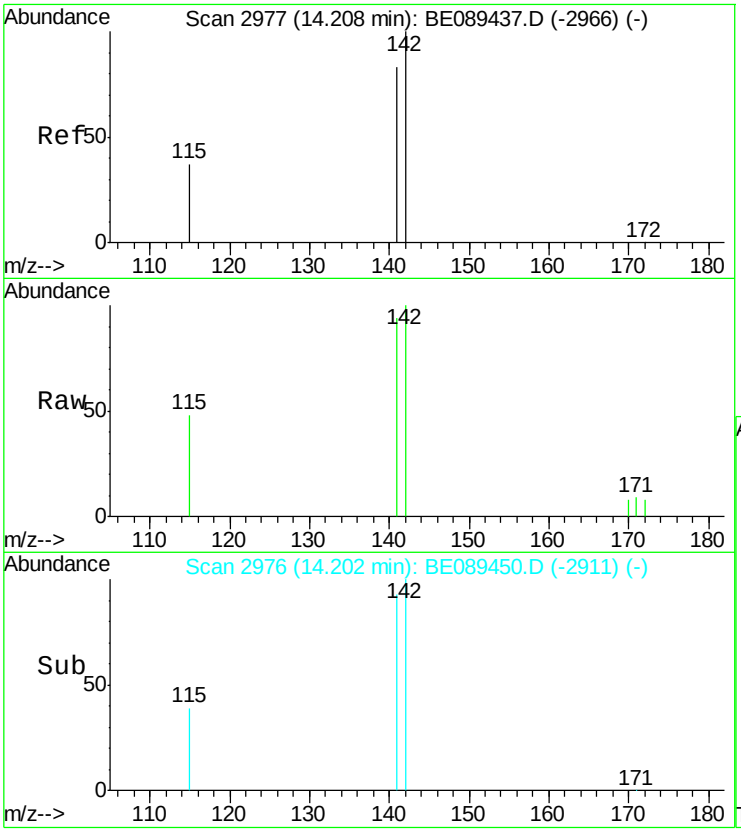


#4
Naphthalene
Concen: 0.02 ng
RT: 12.55 min Scan# 2639
Delta R.T. 0.00 min
Lab File: BE089450.D
Acq: 30 Jan 2015 22:36

Tgt Ion:128 Resp: 1156

Ion	Ratio	Lower	Upper
128	100		
129	19.3	8.8	13.2#
127	18.5	10.6	16.0#



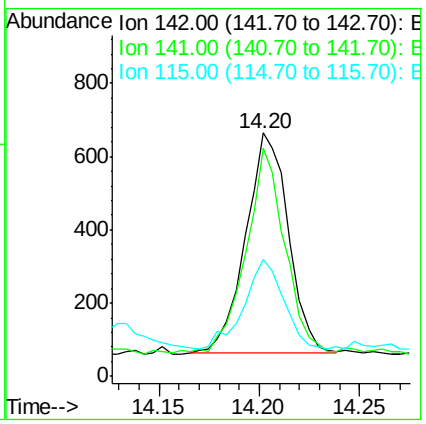


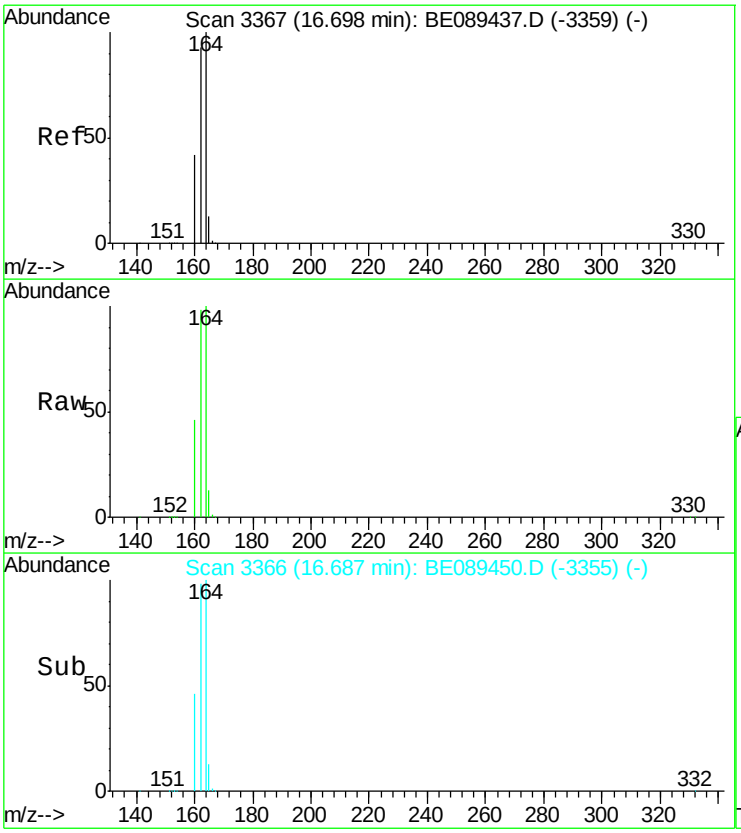
#5
2-Methylnaphthalene
Concen: 0.02 ng m
RT: 14.20 min Scan# 2976
Delta R.T. -0.01 min
Lab File: BE089450.D
Acq: 30 Jan 2015 22:36

Instrument :
BNA_E
ClientSampleId :
PB81559BL

Tgt Ion:142 Resp: 890

Ion	Ratio	Lower	Upper
142	100		
141	93.7	66.1	99.1
115	48.1	29.9	44.9#

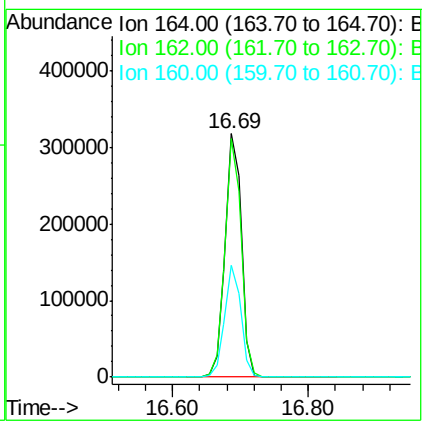


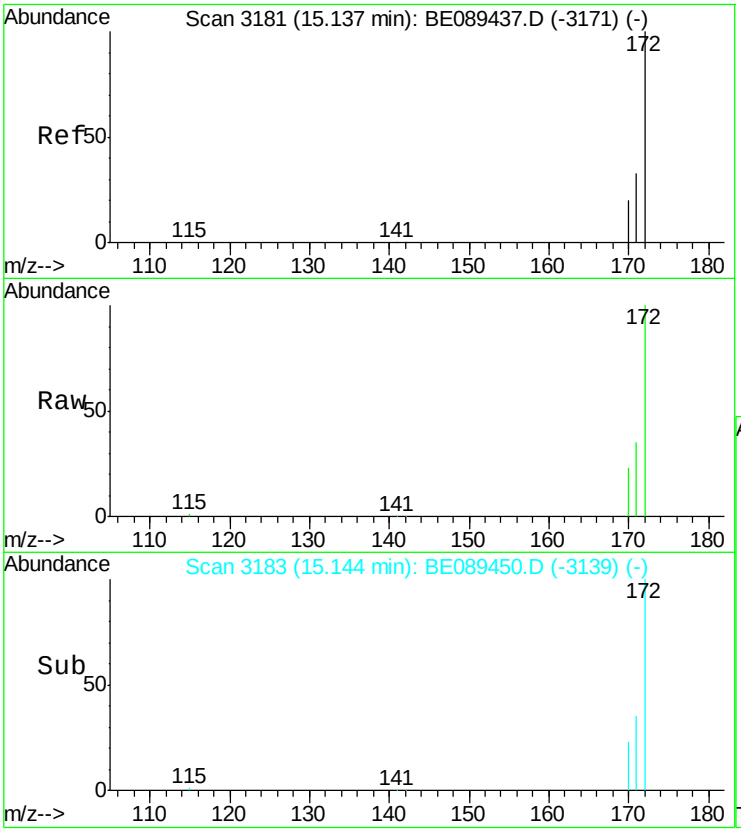


#6
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.69 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BE089450.D
Acq: 30 Jan 2015 22:36

Tgt Ion:164 Resp: 526684

Ion	Ratio	Lower	Upper
164	100		
162	97.8	74.7	112.1
160	45.7	33.4	50.0



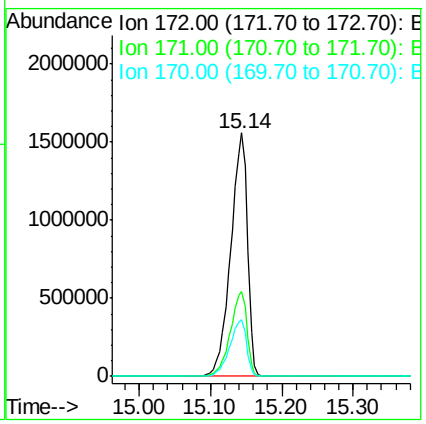


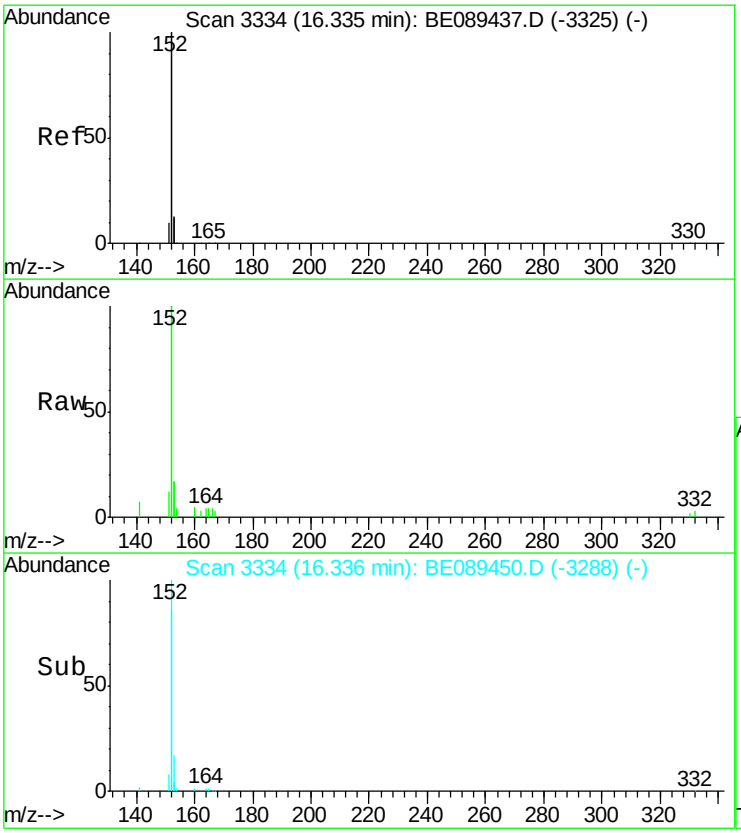
#7
2-Fluorobiphenyl
Concen: 73.88 ng
RT: 15.14 min Scan# 3183
Delta R.T. 0.01 min
Lab File: BE089450.D
Acq: 30 Jan 2015 22:36

Instrument :
BNA_E
ClientSampleId :
PB81559BL

Tgt Ion:172 Resp: 2562901

Ion	Ratio	Lower	Upper
172	100		
171	35.1	26.2	39.4
170	23.1	16.5	24.7

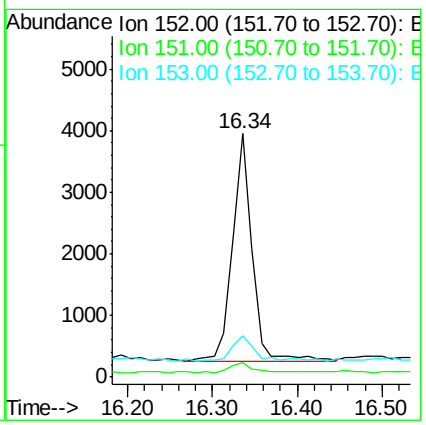


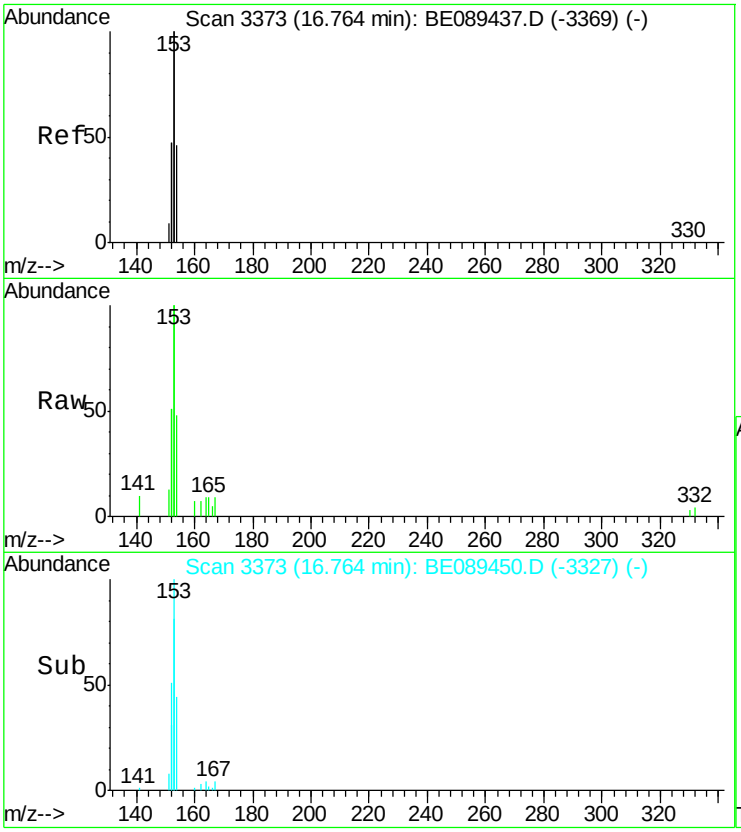


#8
Acenaphthylene
Concen: 0.03 ng
RT: 16.34 min Scan# 3334
Delta R.T. 0.00 min
Lab File: BE089450.D
Acq: 30 Jan 2015 22:36

Tgt Ion:152 Resp: 5952

Ion	Ratio	Lower	Upper
152	100		
151	5.2	3.9	5.9
153	12.1	10.3	15.5



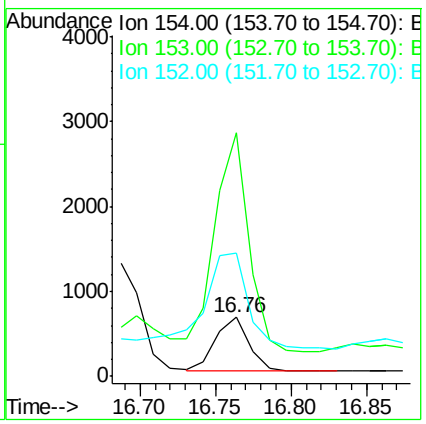


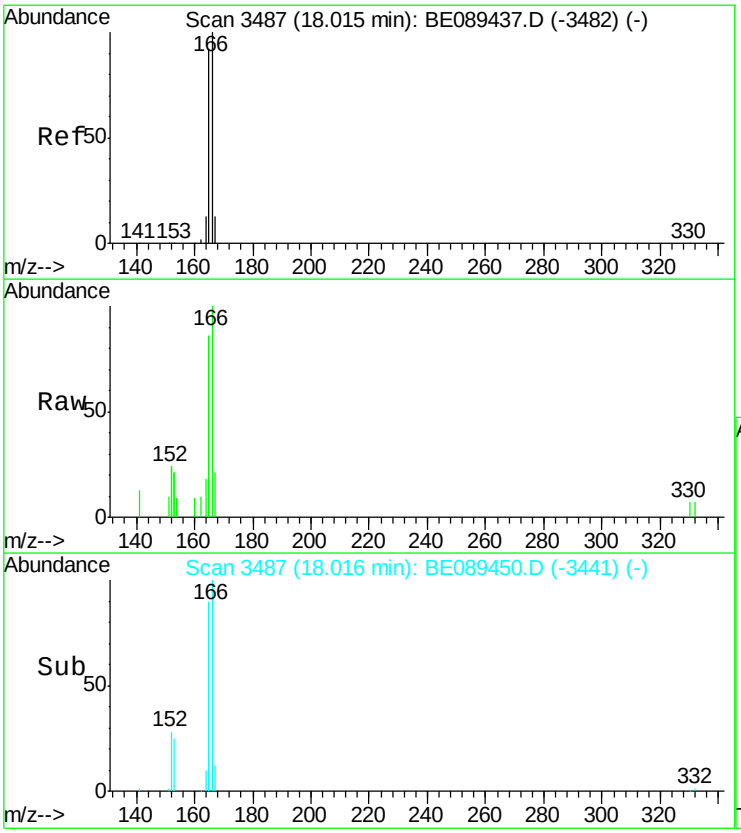
#9
Acenaphthene
Concen: 0.03 ng
RT: 16.76 min Scan# 3373
Delta R.T. 0.00 min
Lab File: BE089450.D
Acq: 30 Jan 2015 22:36

Instrument :
BNA_E
ClientSampleId :
PB81559BL

Tgt Ion:154 Resp: 1005

Ion	Ratio	Lower	Upper
154	100		
153	408.6	342.3	513.5
152	286.4	165.5	248.3#

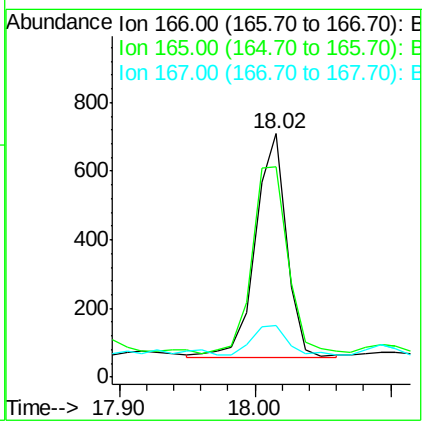


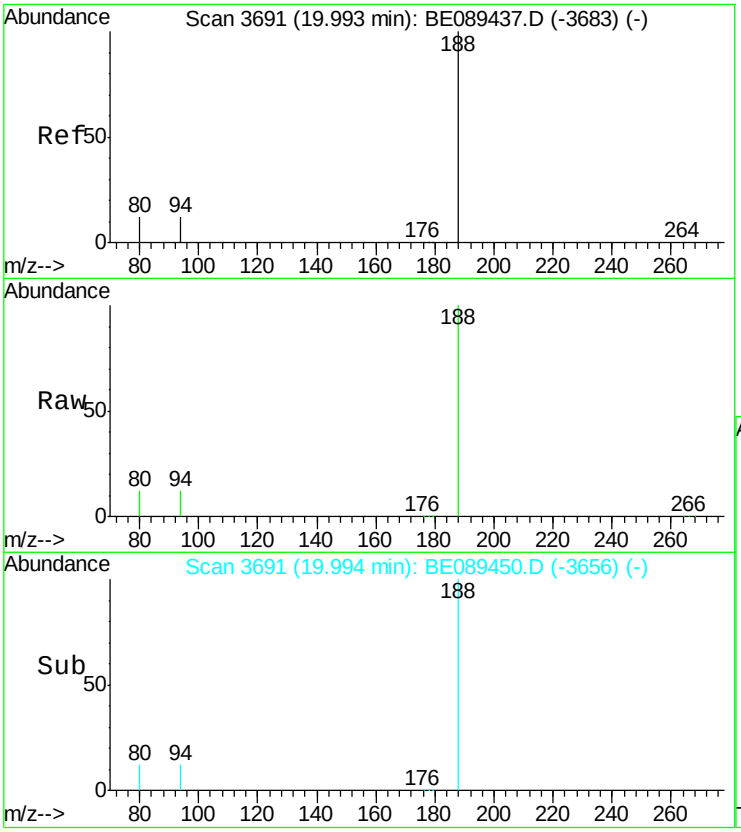


#10
Fluorene
Concen: 0.03 ng
RT: 18.02 min Scan# 3487
Delta R.T. 0.00 min
Lab File: BE089450.D
Acq: 30 Jan 2015 22:36

Tgt Ion:166 Resp: 1057

Ion	Ratio	Lower	Upper
166	100		
165	94.1	74.4	111.6
167	15.0	10.6	15.8



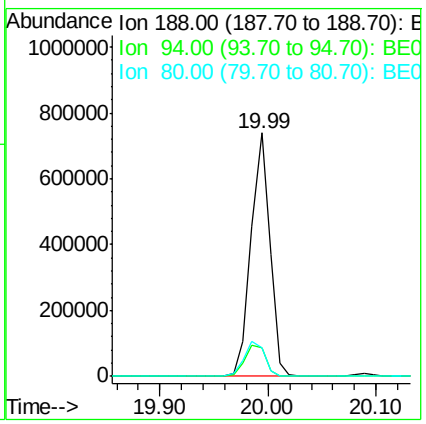


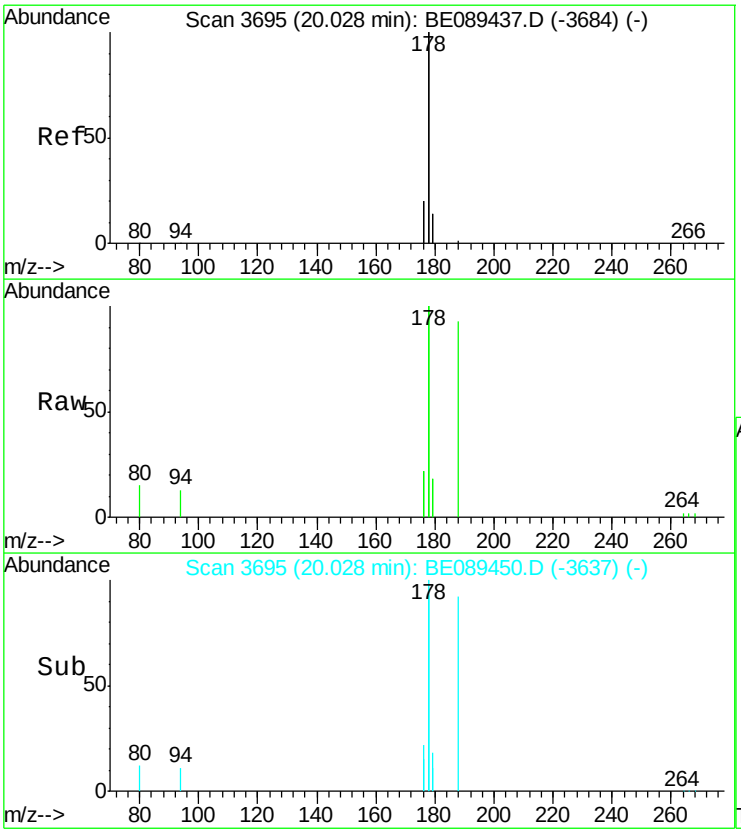
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.99 min Scan# 3691
Delta R.T. 0.00 min
Lab File: BE089450.D
Acq: 30 Jan 2015 22:36

Instrument :
BNA_E
ClientSampleId :
PB81559BL

Tgt Ion:188 Resp: 900937

Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.0
80	11.9	9.3	13.9

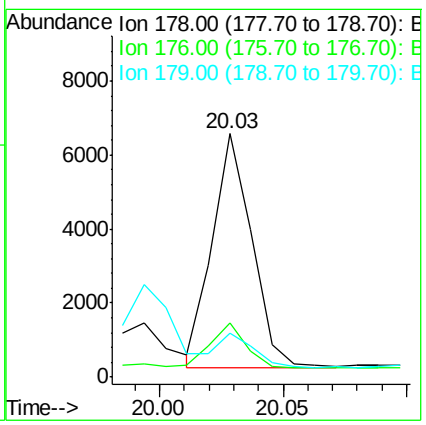


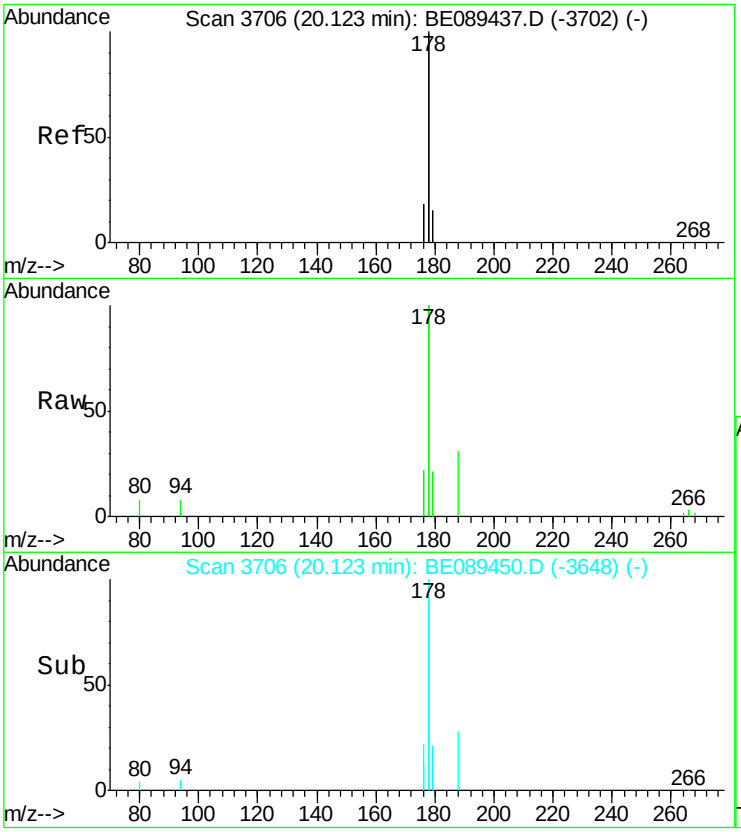


#13
Phenanthrene
Concen: 0.03 ng
RT: 20.03 min Scan# 3695
Delta R.T. 0.00 min
Lab File: BE089450.D
Acq: 30 Jan 2015 22:36

Tgt Ion:178 Resp: 7066

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.1	22.7
179	12.7	12.3	18.5



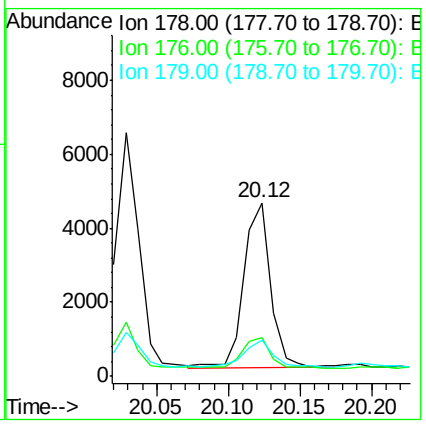


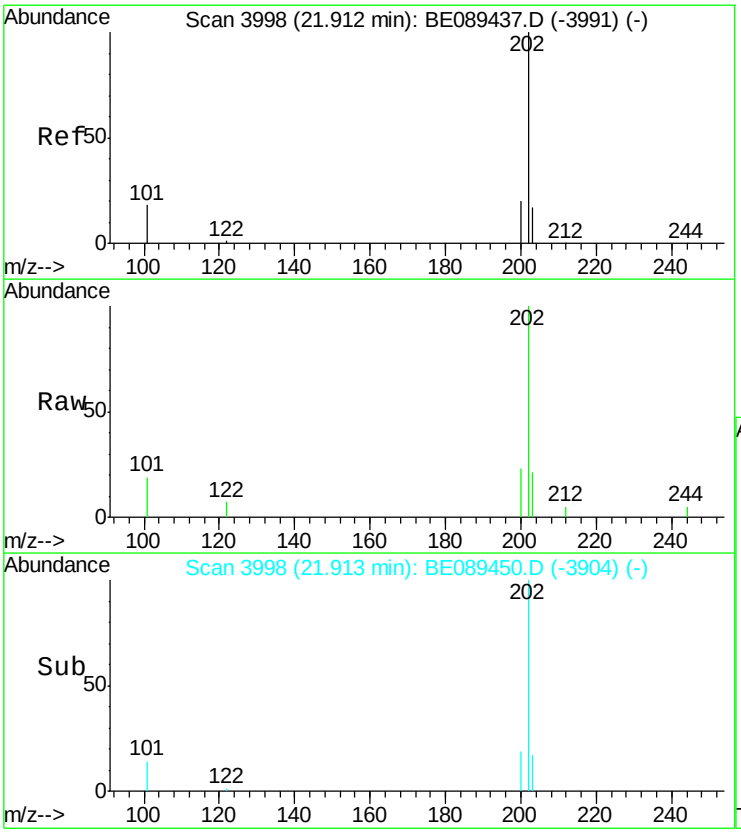
#14
Anthracene
Concen: 0.03 ng m
RT: 20.12 min Scan# 3706
Delta R.T. 0.00 min
Lab File: BE089450.D
Acq: 30 Jan 2015 22:36

Instrument :
BNA_E
ClientSampleId :
PB81559BL

Tgt Ion:178 Resp: 5809

Ion	Ratio	Lower	Upper
178	100		
176	24.7	14.6	22.0#
179	15.5	12.2	18.2

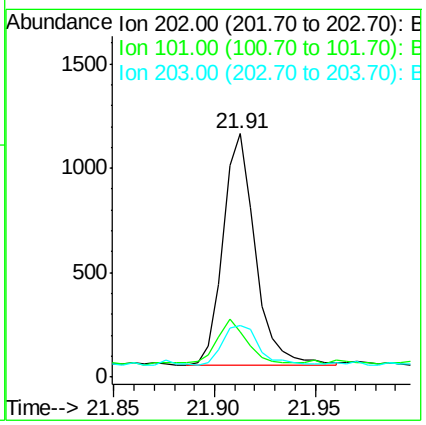


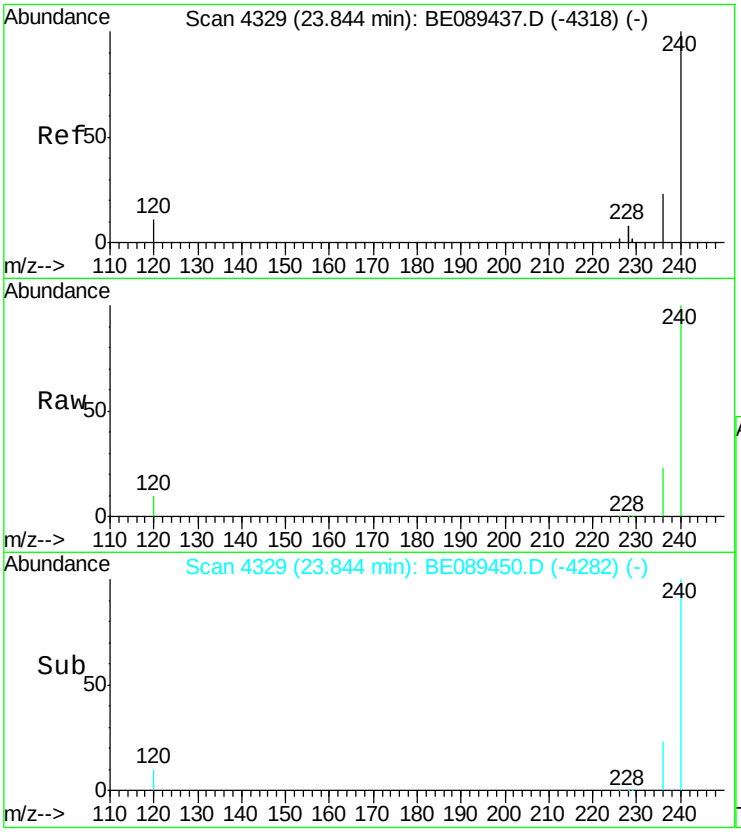


#15
Fluoranthene
Concen: 0.03 ng
RT: 21.91 min Scan# 3998
Delta R.T. 0.00 min
Lab File: BE089450.D
Acq: 30 Jan 2015 22:36

Tgt Ion:202 Resp: 1232

Ion	Ratio	Lower	Upper
202	100		
101	19.6	13.6	20.4
203	19.9	13.8	20.6



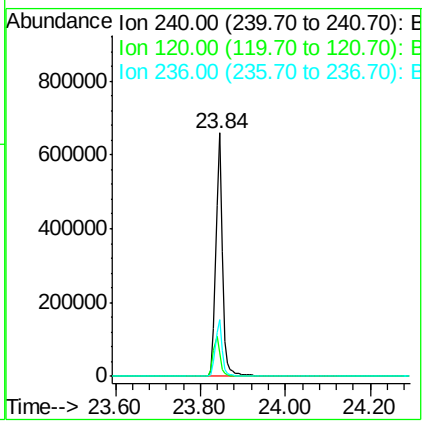


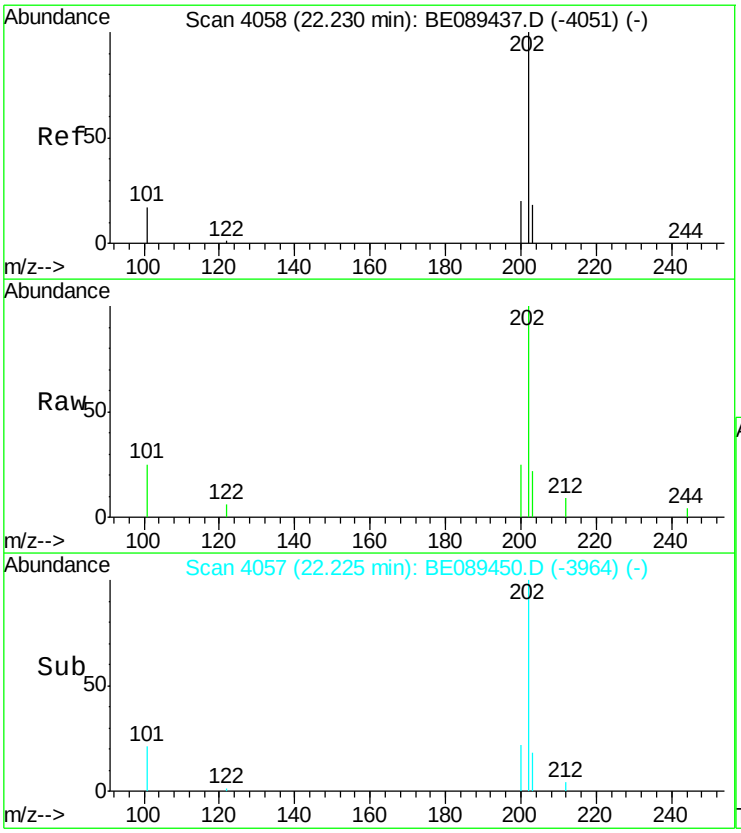
#16
Chrysene-d12
Concen: 5.00 ng
RT: 23.84 min Scan# 4329
Delta R.T. 0.00 min
Lab File: BE089450.D
Acq: 30 Jan 2015 22:36

Instrument :
BNA_E
ClientSampleId :
PB81559BL

Tgt Ion:240 Resp: 702590

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.6	13.0
236	23.5	18.7	28.1

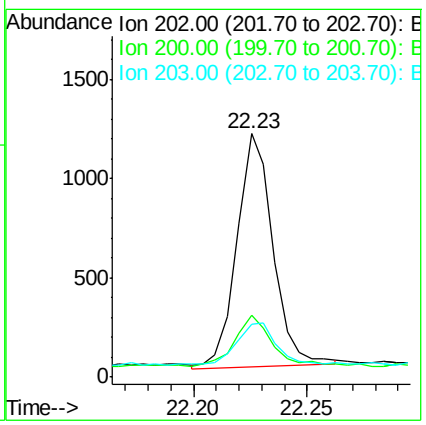


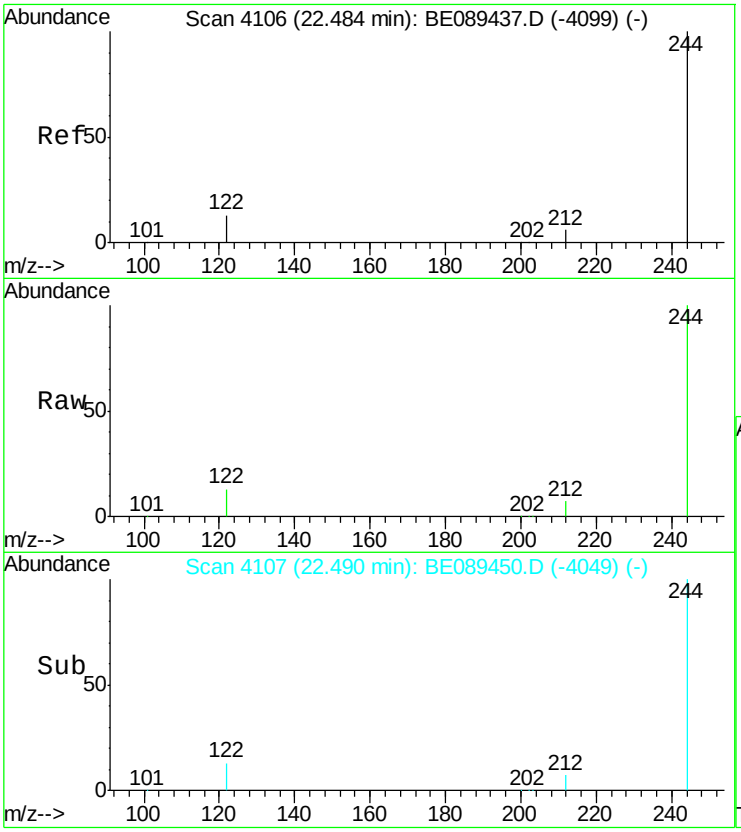


#17
Pyrene
Concen: 0.03 ng m
RT: 22.23 min Scan# 4057
Delta R.T. -0.00 min
Lab File: BE089450.D
Acq: 30 Jan 2015 22:36

Tgt Ion:202 Resp: 1303

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.2	24.4
203	18.8	13.8	20.8



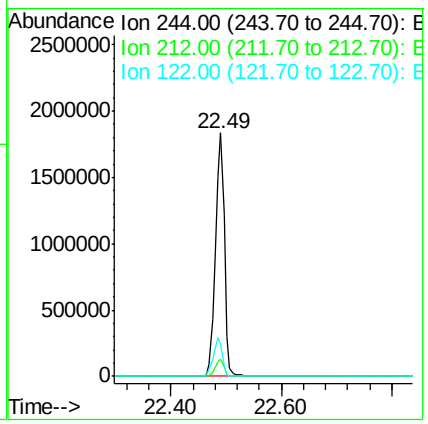


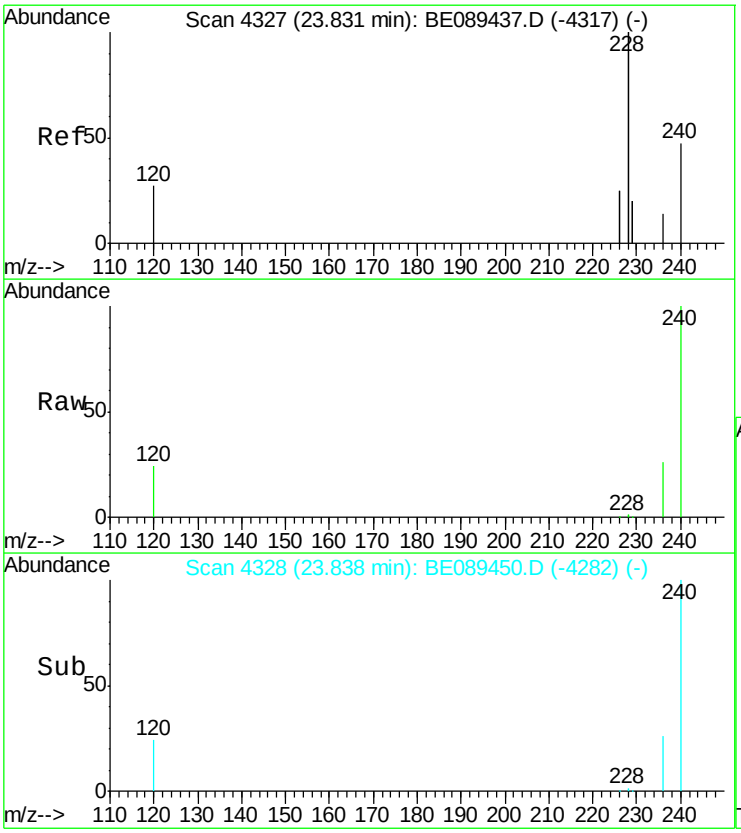
#18
Terphenyl-d14
Concen: 78.90 ng
RT: 22.49 min Scan# 4107
Delta R.T. 0.01 min
Lab File: BE089450.D
Acq: 30 Jan 2015 22:36

Instrument :
BNA_E
ClientSampleId :
PB81559BL

Tgt Ion:244 Resp: 2075081

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.0	7.6
122	13.3	10.2	15.4

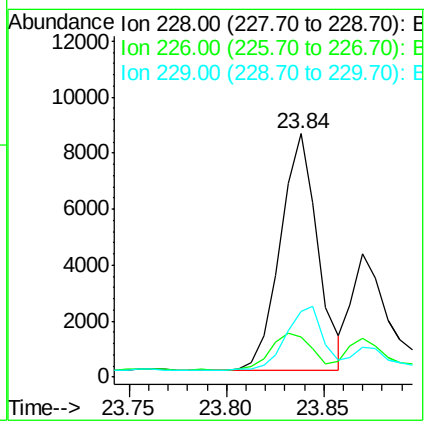


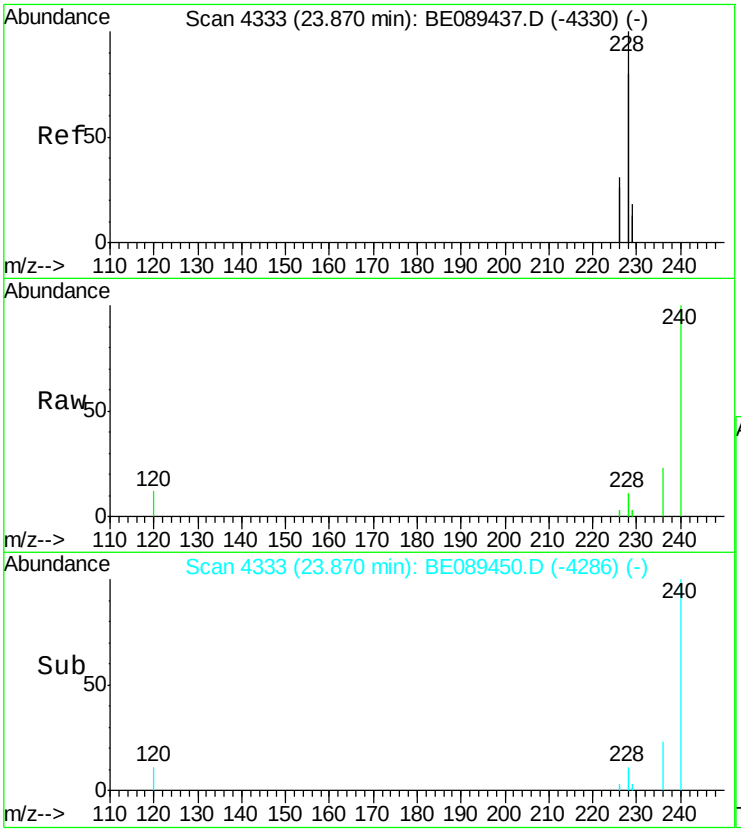


#19
Benzo(a)anthracene
Concen: 0.08 ng
RT: 23.84 min Scan# 4328
Delta R.T. 0.01 min
Lab File: BE089450.D
Acq: 30 Jan 2015 22:36

Tgt Ion:228 Resp: 11283

Ion	Ratio	Lower	Upper
228	100		
226	16.4	20.0	30.0#
229	27.2	16.0	24.0#



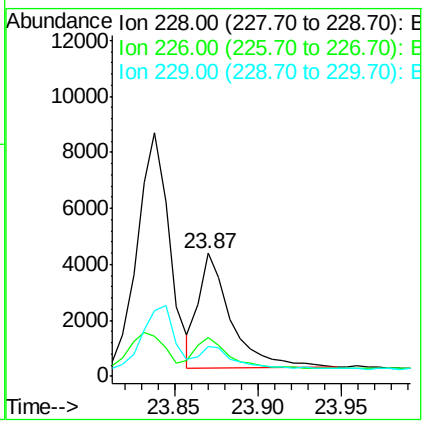


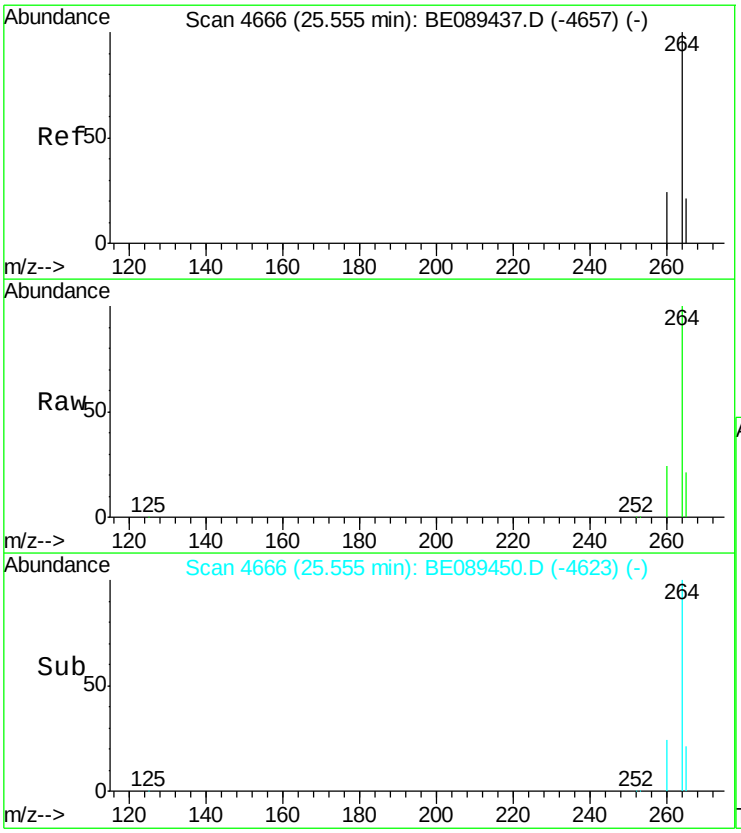
#20
Chrysene
Concen: 0.03 ng
RT: 23.87 min Scan# 4333
Delta R.T. 0.00 min
Lab File: BE089450.D
Acq: 30 Jan 2015 22:36

Instrument :
BNA_E
ClientSampleId :
PB81559BL

Tgt Ion:228 Resp: 5545

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.5	36.7
229	24.1	14.1	21.1#





#22
Perylene-d12
Concen: 5.00 ng
RT: 25.56 min Scan# 4666
Delta R.T. 0.00 min
Lab File: BE089450.D
Acq: 30 Jan 2015 22:36

Tgt Ion:264 Resp: 653953

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.3	17.0	25.6