Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020515\
Data File : BE089512.D
Acq On : 5 Feb 2015 20:52
Operator : TP/IZ
Sample : PB81591BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB81591BL

Quant Time: Feb 06 04:09:49 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 03:21:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.49	152	24343	5.00	ng		0.00
2) Naphthalene-d8	12.40	136	96146	5.00	ng		0.00
6) Acenaphthene-d10	16.58	164	42164	5.00	ng		-0.01
11) Phenanthrene-d10	19.90	188	81713	5.00	ng		0.00
16) Chrysene-d12	23.76	240	92234	5.00	ng		0.00
22) Perylene-d12	25.46	264	92304	5.00	ng		0.00
System Monitoring Compounds							
3) Nitrobenzene-d5	10.75	82	54846	7.48	ng		0.00
7) 2-Fluorobiphenyl	15.03	172	88474	6.66	ng		0.00
18) Terphenyl-d14	22.40	244	115725	7.21	ng		0.00
Target Compounds							Qvalue
4) Naphthalene	12.44	128	1697	0.07	ng	#	90
5) 2-Methylnaphthalene	14.10	142	1224	0.08	ng		94
8) Acenaphthylene	16.23	152	7387	0.08	ng		96
9) Acenaphthene	16.65	154	1309	0.09	ng		88
10) Fluorene	17.91	166	1503	0.12	ng		98
12) Pentachlorophenol	19.55	266	20	0.00	ng	#	78
13) Phenanthrene	19.94	178	2555	0.10	ng		98
14) Anthracene	20.03	178	2061	0.13	ng		98
15) Fluoranthene	21.83	202	2178	0.13	ng		100
17) Pyrene	22.15	202	2491	0.09	ng		99
19) Benzo(a)anthracene	23.75	228	9984	0.12	ng		98
20) Chrysene	23.79	228	11899	0.11	ng		94
21) Indeno(1,2,3-cd)pyrene	26.91	276	9893	0.14	ng	#	80
23) Benzo(b)fluoranthene	25.02	252	1924	0.17	ng	#	86
24) Benzo(k)fluoranthene	25.04	252	2911	0.10	ng	#	92
25) Benzo(a)pyrene	25.39	252	2024	0.17	ng	#	89
26) Dibenzo(a,h)anthracene	26.95	278	1788	0.13	ng	#	87
27) Benzo(g,h,i)perylene	27.35	276	10508	0.13	ng		91

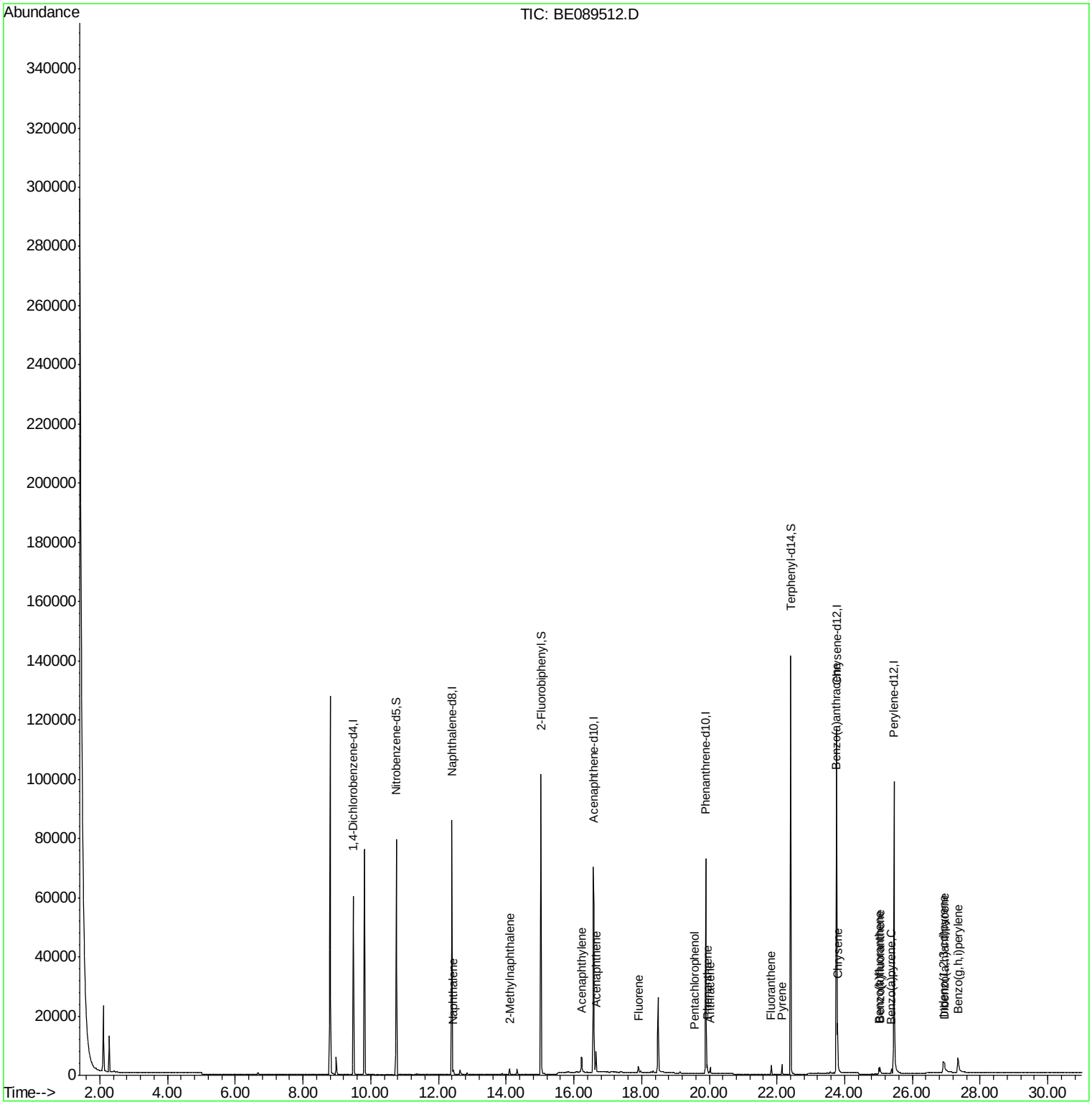
(#) = qualifier out of range (m) = manual integration (+) = signals summed

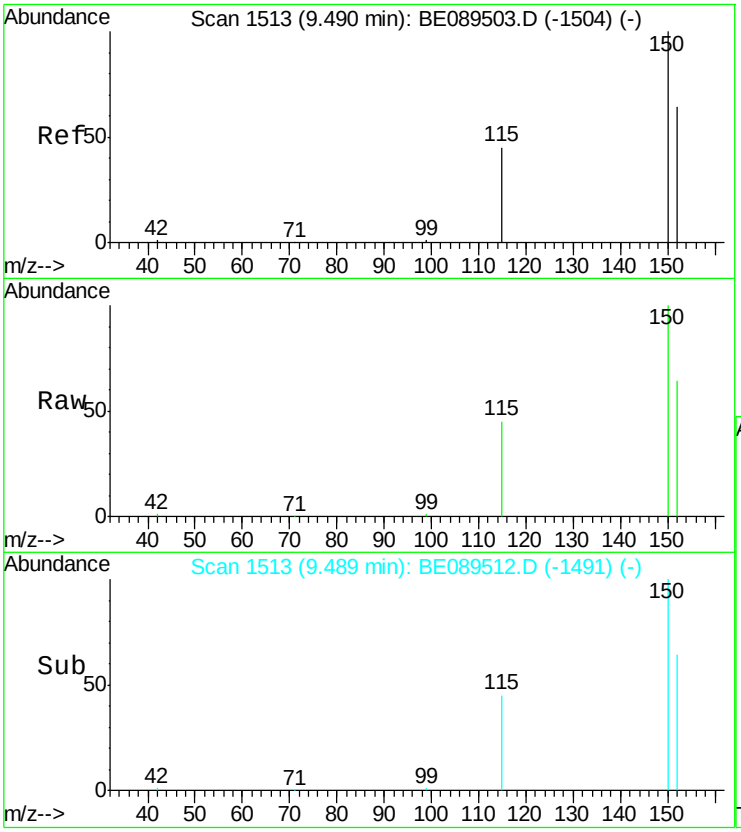
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020515\
Data File : BE089512.D
Acq On : 5 Feb 2015 20:52
Operator : TP/IZ
Sample : PB81591BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB81591BL

Quant Time: Feb 06 04:09:49 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 03:21:38 2015
Response via : Initial Calibration



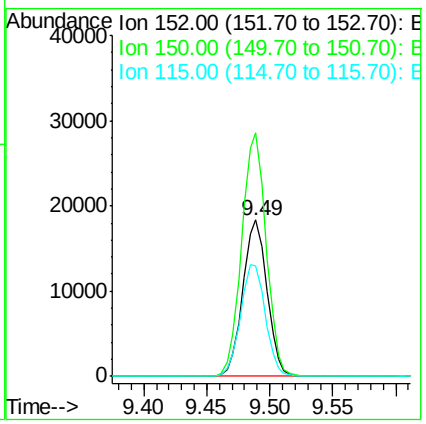


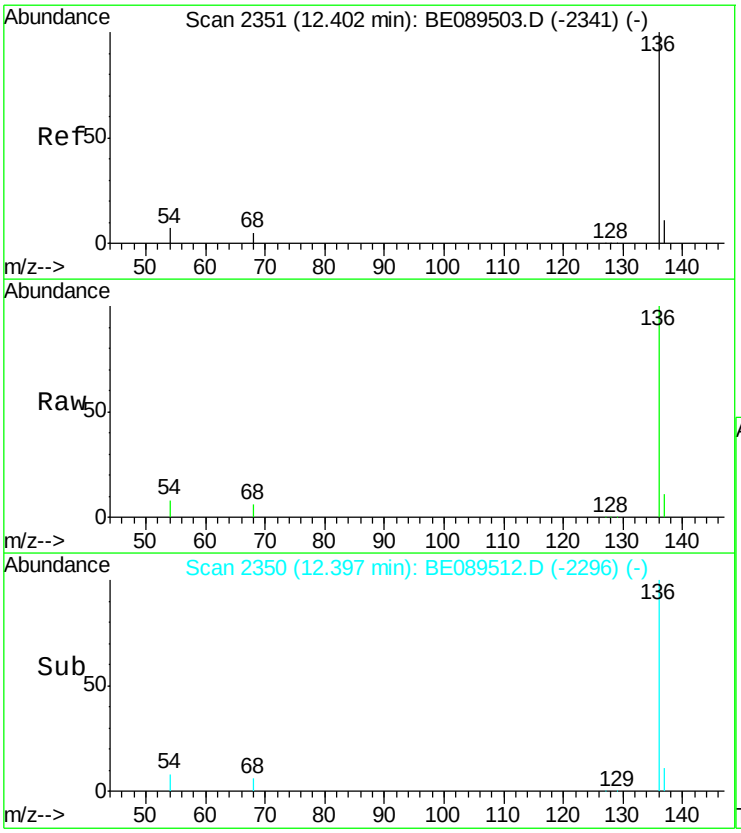
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.49 min Scan# 1513
Delta R.T. -0.00 min
Lab File: BE089512.D
Acq: 5 Feb 2015 20:52

Instrument :
BNA_E
ClientSampleId :
PB81591BL

Tgt Ion:152 Resp: 24343

Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.0	187.6
115	70.9	56.6	85.0

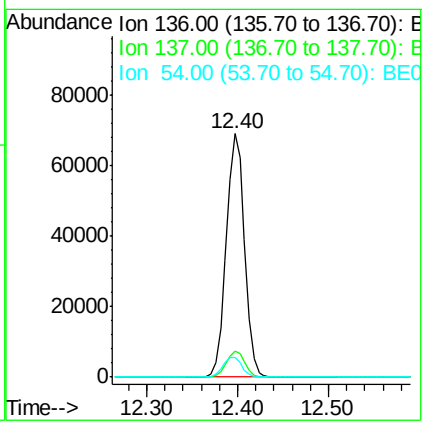


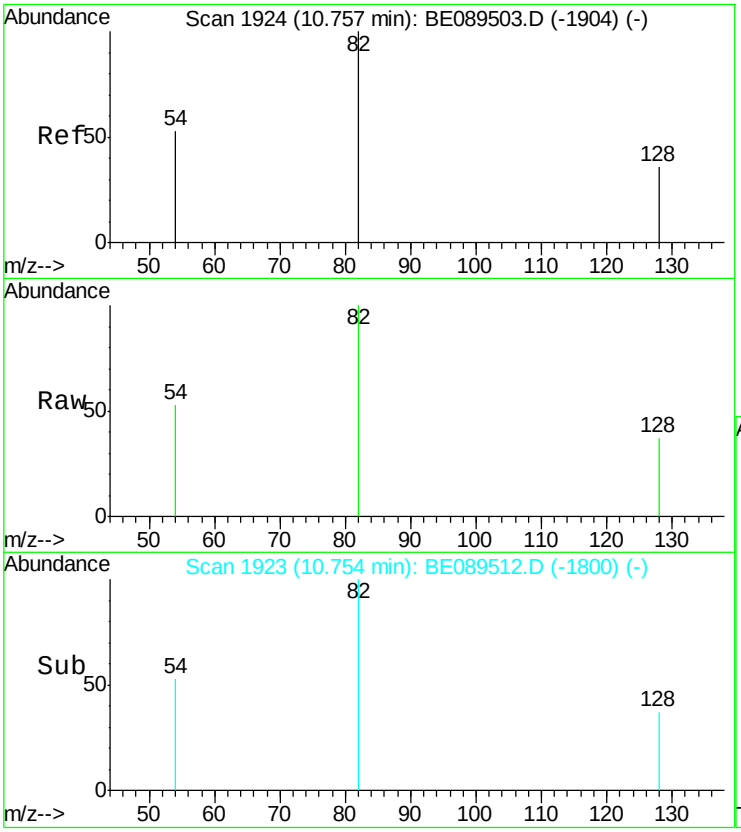


#2
Naphthalene-d8
Concen: 5.00 ng
RT: 12.40 min Scan# 2350
Delta R.T. -0.00 min
Lab File: BE089512.D
Acq: 5 Feb 2015 20:52

Tgt Ion:136 Resp: 96146

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	8.1	6.0	9.0



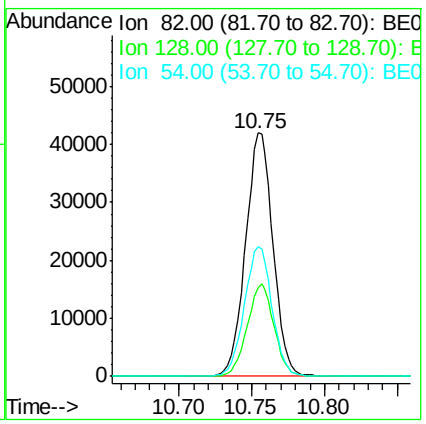


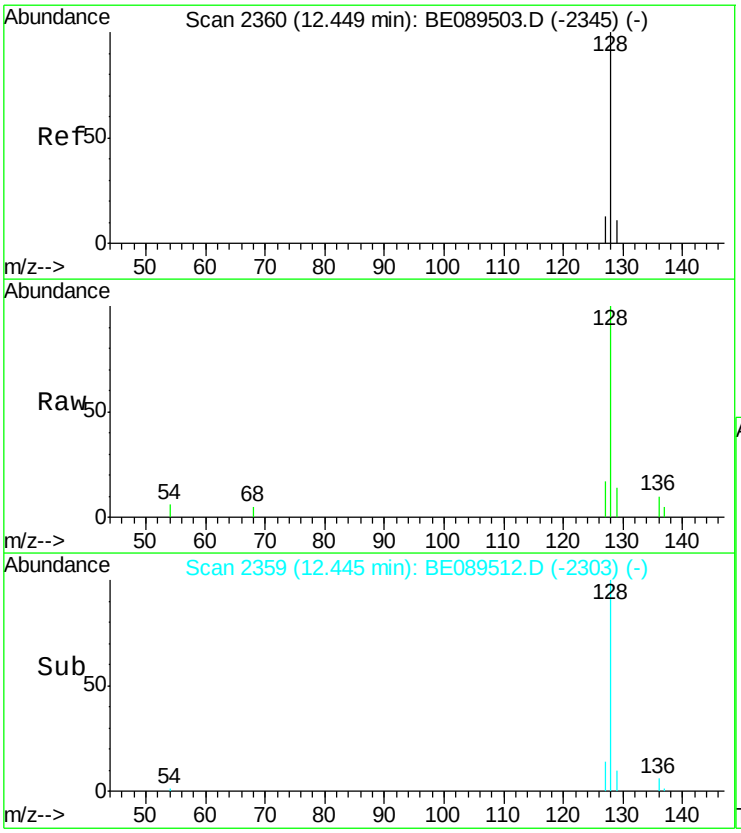
#3
Nitrobenzene-d5
Concen: 7.48 ng
RT: 10.75 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BE089512.D
Acq: 5 Feb 2015 20:52

Instrument :
BNA_E
ClientSampleId :
PB81591BL

Tgt Ion: 82 Resp: 54846

Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.3	43.9
54	53.2	42.6	64.0

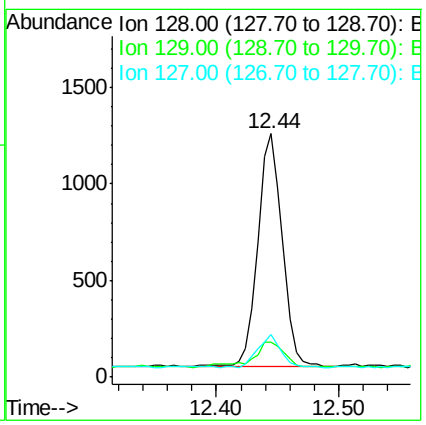


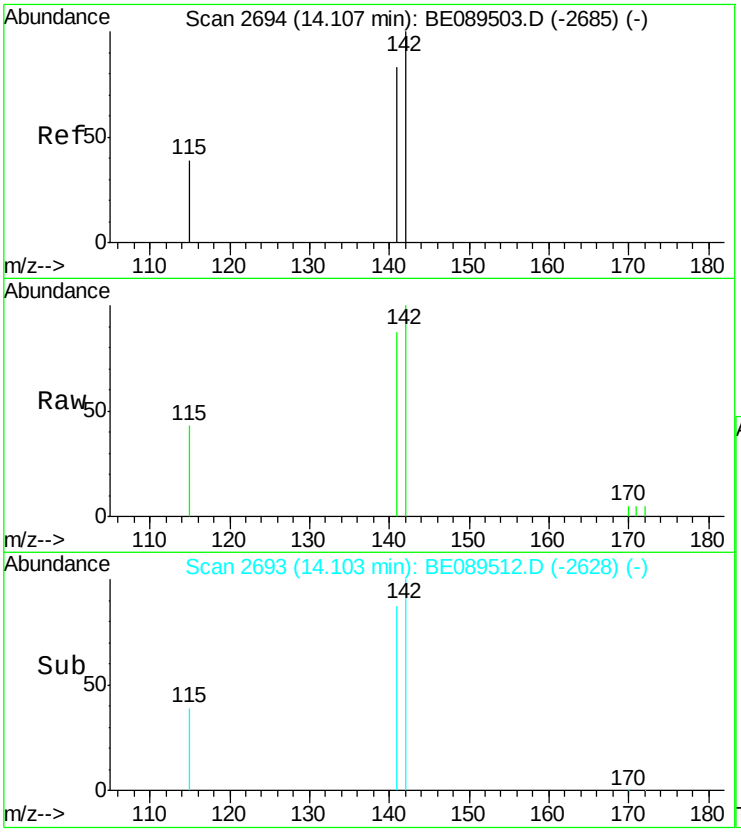


#4
Naphthalene
Concen: 0.07 ng
RT: 12.44 min Scan# 2359
Delta R.T. -0.00 min
Lab File: BE089512.D
Acq: 5 Feb 2015 20:52

Tgt Ion:128 Resp: 1697

Ion	Ratio	Lower	Upper
128	100		
129	14.2	8.8	13.2#
127	17.4	10.3	15.5#



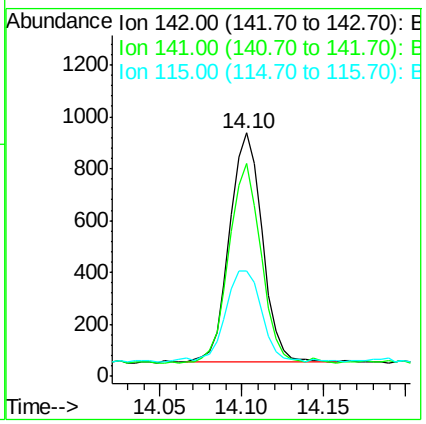


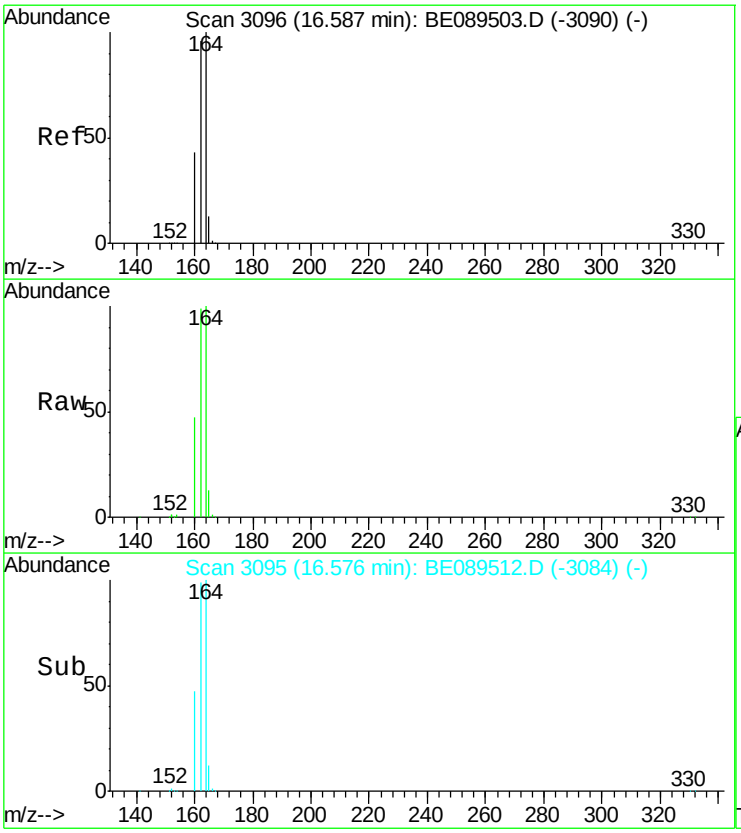
#5
2-Methylnaphthalene
Concen: 0.08 ng
RT: 14.10 min Scan# 2693
Delta R.T. -0.00 min
Lab File: BE089512.D
Acq: 5 Feb 2015 20:52

Instrument :
BNA_E
ClientSampleId :
PB81591BL

Tgt Ion:142 Resp: 1224

Ion	Ratio	Lower	Upper
142	100		
141	87.4	66.3	99.5
115	43.5	31.1	46.7

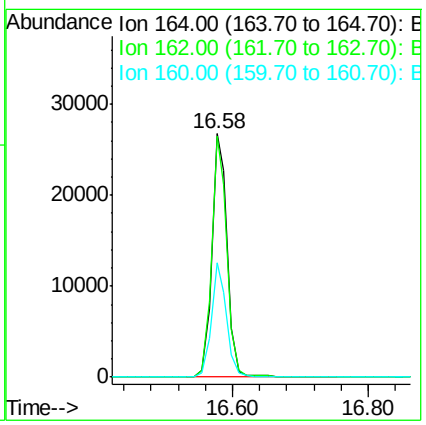


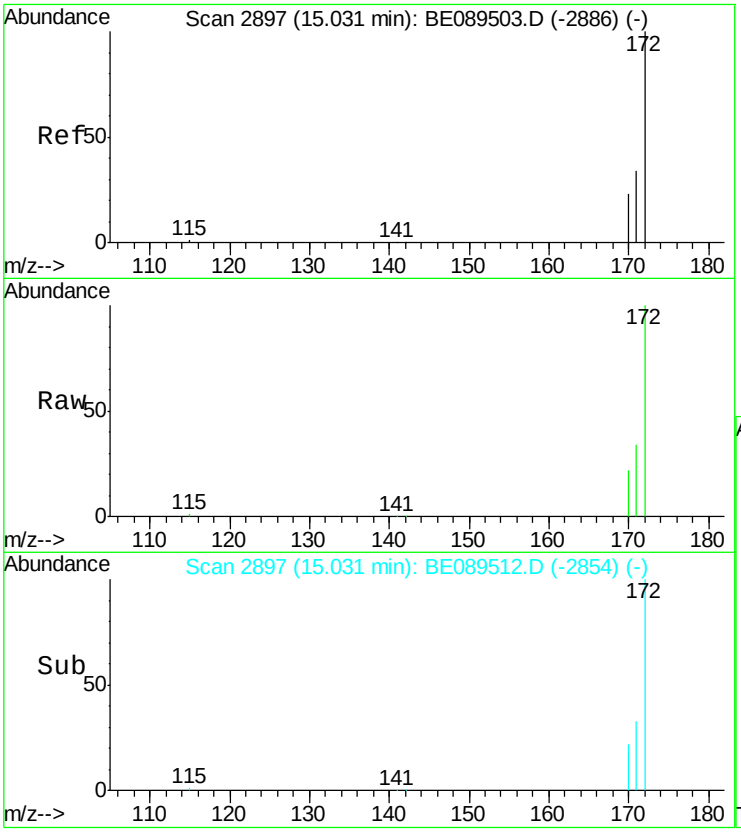


#6
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.58 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BE089512.D
Acq: 5 Feb 2015 20:52

Tgt Ion:164 Resp: 42164

Ion	Ratio	Lower	Upper
164	100		
162	99.0	76.6	115.0
160	46.8	34.6	52.0



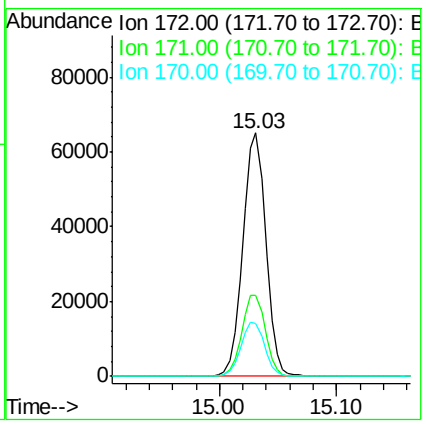


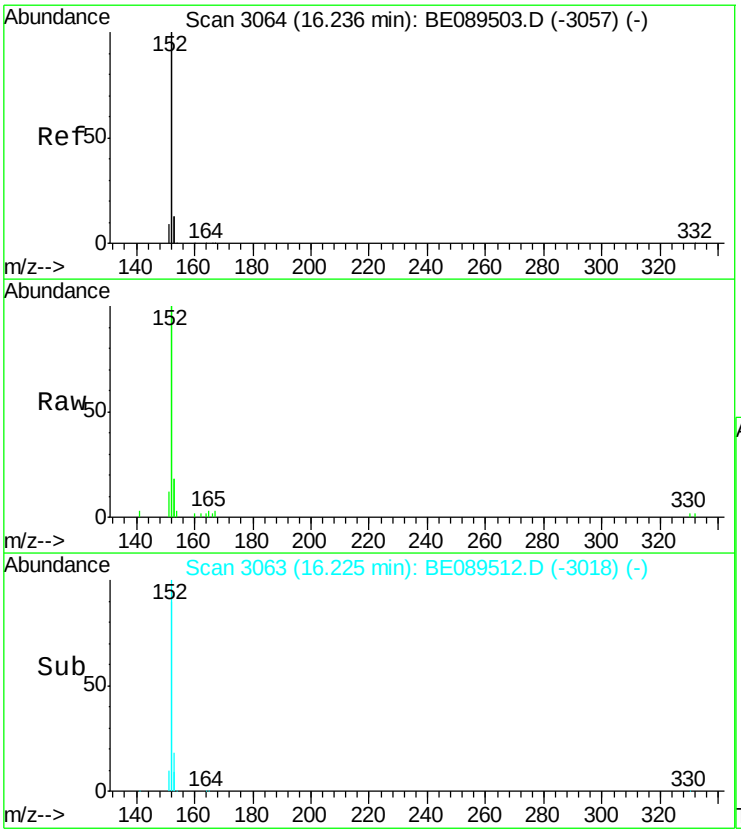
#7
2-Fluorobiphenyl
Concen: 6.66 ng
RT: 15.03 min Scan# 2897
Delta R.T. 0.00 min
Lab File: BE089512.D
Acq: 5 Feb 2015 20:52

Instrument :
BNA_E
ClientSampleId :
PB81591BL

Tgt Ion:172 Resp: 88474

Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.4	41.0
170	22.0	18.4	27.6

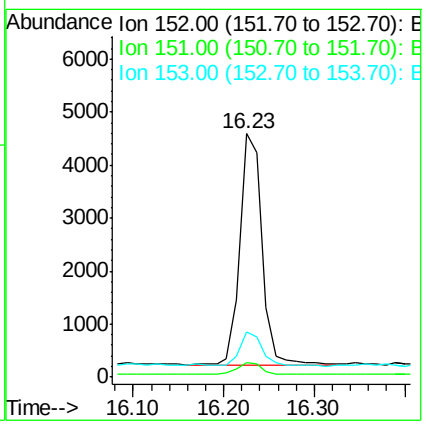


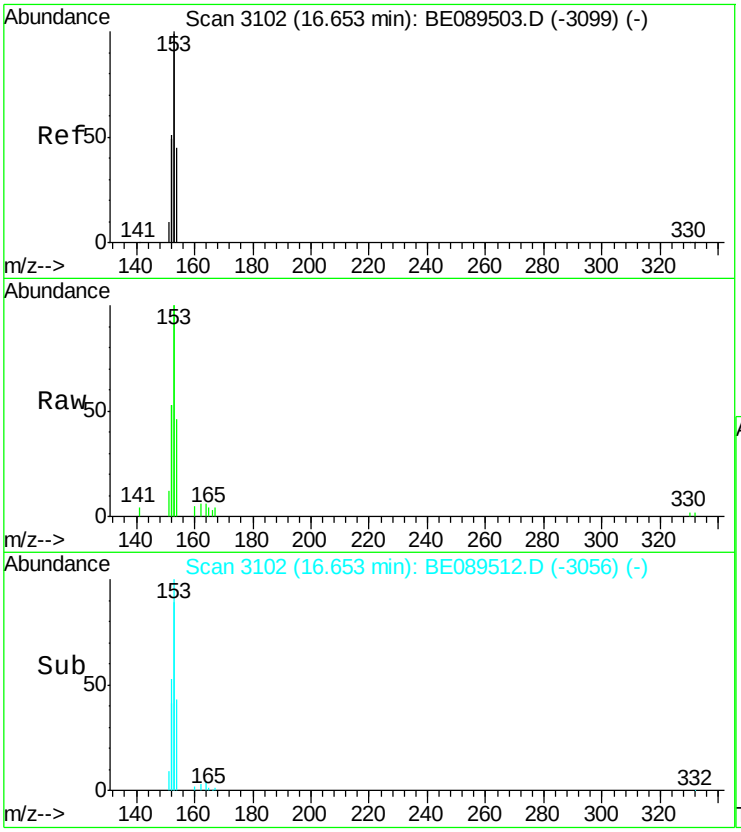


#8
Acenaphthylene
Concen: 0.08 ng
RT: 16.23 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BE089512.D
Acq: 5 Feb 2015 20:52

Tgt Ion:152 Resp: 7387

Ion	Ratio	Lower	Upper
152	100		
151	5.5	3.9	5.9
153	15.0	10.4	15.6



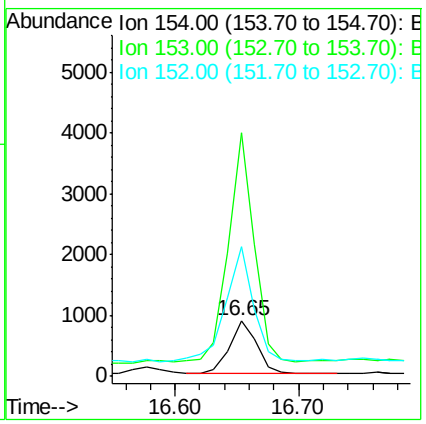


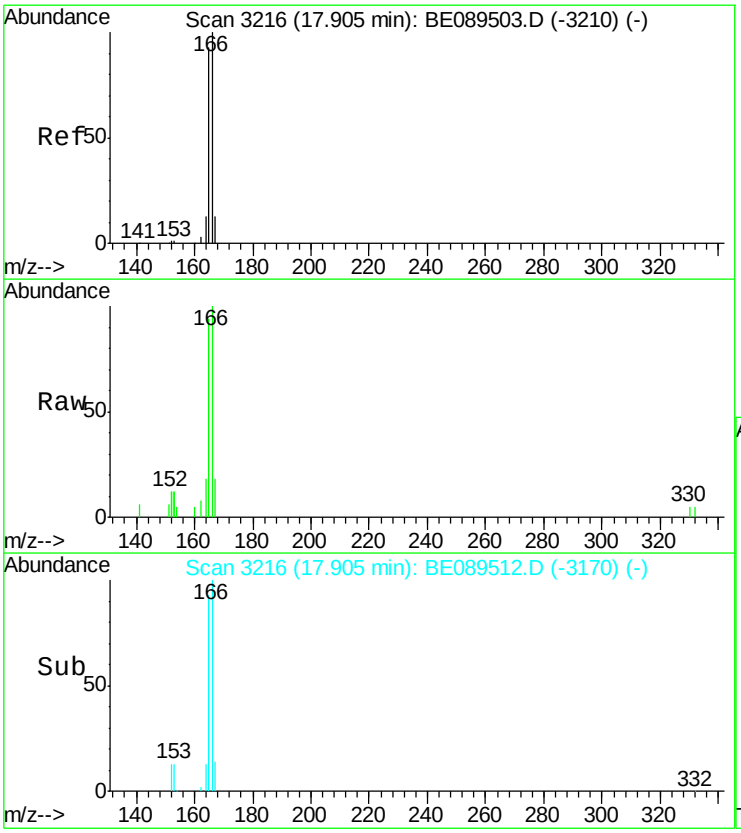
#9
Acenaphthene
Concen: 0.09 ng
RT: 16.65 min Scan# 3102
Delta R.T. 0.00 min
Lab File: BE089512.D
Acq: 5 Feb 2015 20:52

Instrument :
BNA_E
ClientSampleId :
PB81591BL

Tgt Ion:154 Resp: 1309

Ion	Ratio	Lower	Upper
154	100		
153	413.4	341.5	512.3
152	246.7	166.6	249.8

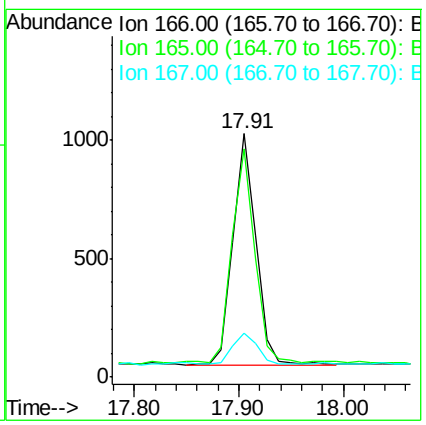


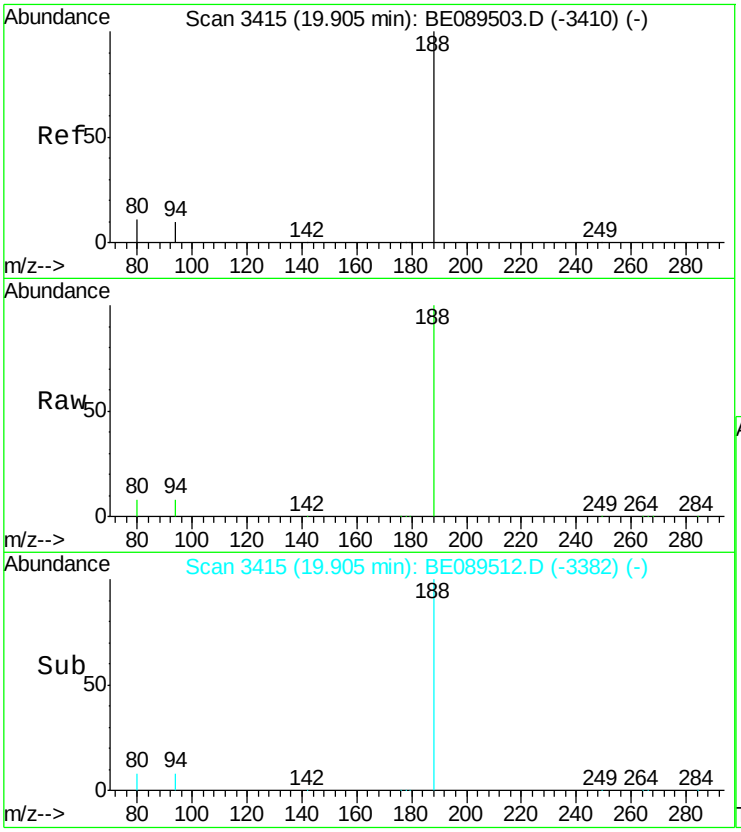


#10
Fluorene
Concen: 0.12 ng
RT: 17.91 min Scan# 3216
Delta R.T. 0.00 min
Lab File: BE089512.D
Acq: 5 Feb 2015 20:52

Tgt Ion:166 Resp: 1503

Ion	Ratio	Lower	Upper
166	100		
165	90.8	73.6	110.4
167	15.1	10.6	15.8



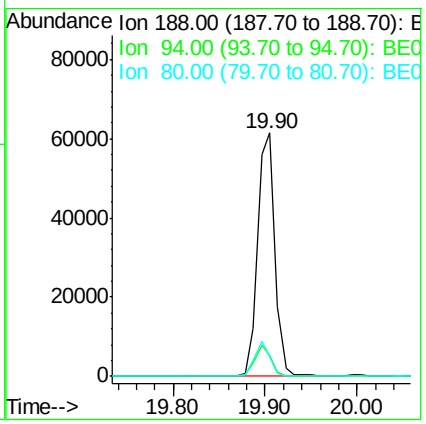


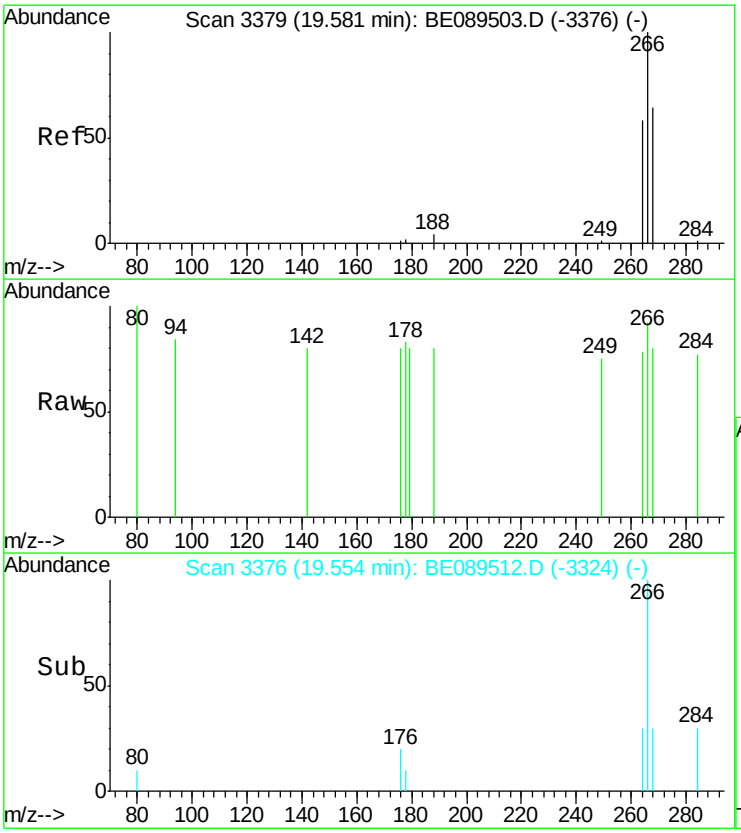
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.90 min Scan# 3415
Delta R.T. 0.00 min
Lab File: BE089512.D
Acq: 5 Feb 2015 20:52

Instrument :
BNA_E
ClientSampleId :
PB81591BL

Tgt Ion:188 Resp: 81713

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.2	12.4
80	8.1	8.7	13.1#

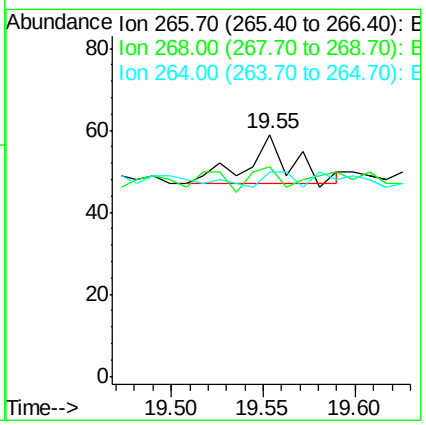


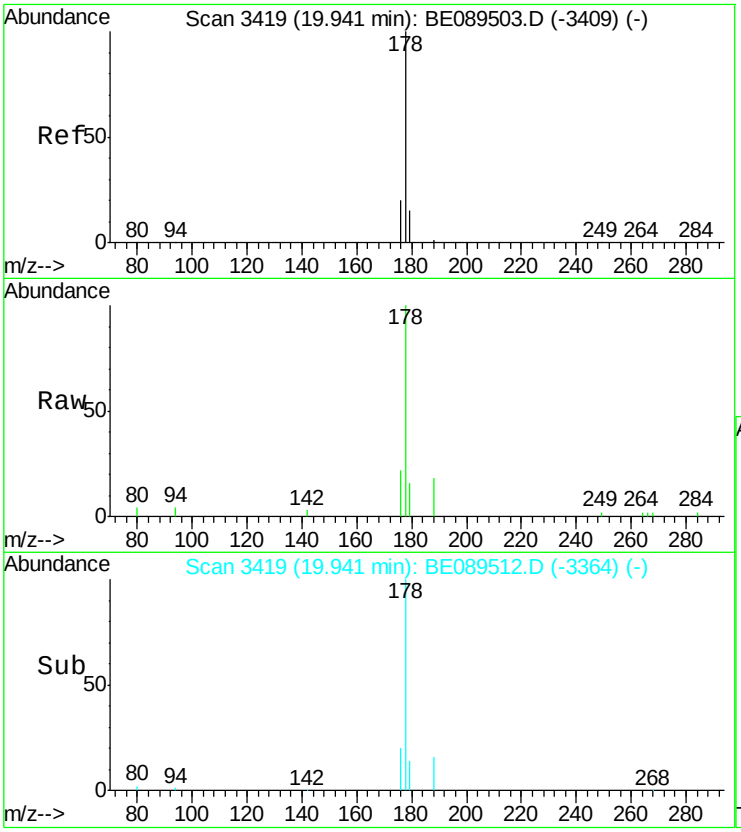


#12
Pentachlorophenol
Concen: 0.00 ng
RT: 19.55 min Scan# 3376
Delta R.T. -0.03 min
Lab File: BE089512.D
Acq: 5 Feb 2015 20:52

Tgt Ion:266 Resp: 20

Ion	Ratio	Lower	Upper
266	100		
268	86.4	56.7	85.1#
264	84.7	51.9	77.9#



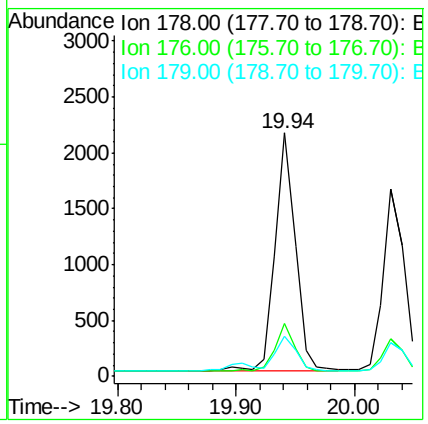


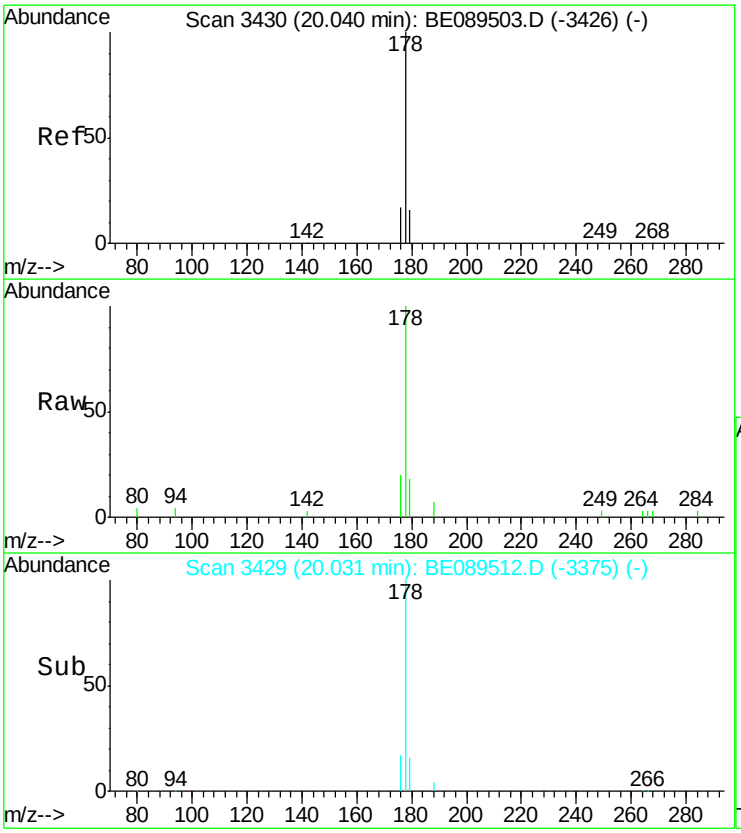
#13
Phenanthrene
Concen: 0.10 ng
RT: 19.94 min Scan# 3419
Delta R.T. 0.00 min
Lab File: BE089512.D
Acq: 5 Feb 2015 20:52

Instrument :
BNA_E
ClientSampleId :
PB81591BL

Tgt Ion:178 Resp: 2555

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	14.1	12.4	18.6

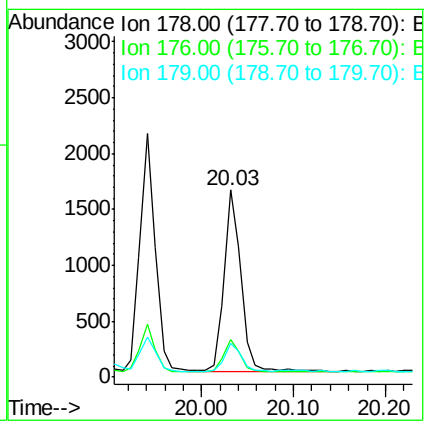


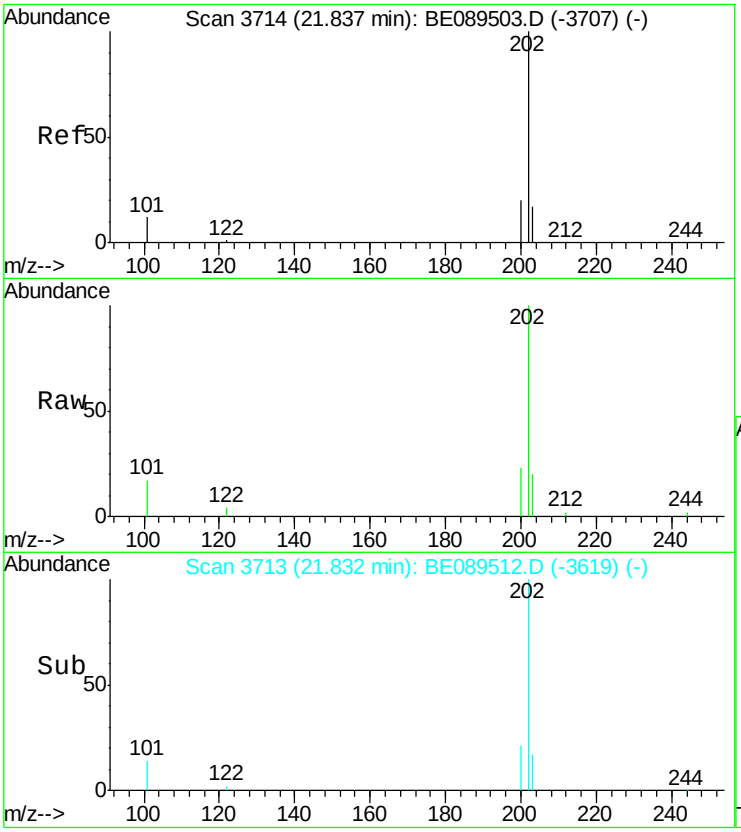


#14
Anthracene
Concen: 0.13 ng
RT: 20.03 min Scan# 3429
Delta R.T. -0.01 min
Lab File: BE089512.D
Acq: 5 Feb 2015 20:52

Tgt Ion:178 Resp: 2061

Ion	Ratio	Lower	Upper
178	100		
176	16.9	14.6	22.0
179	15.5	12.1	18.1



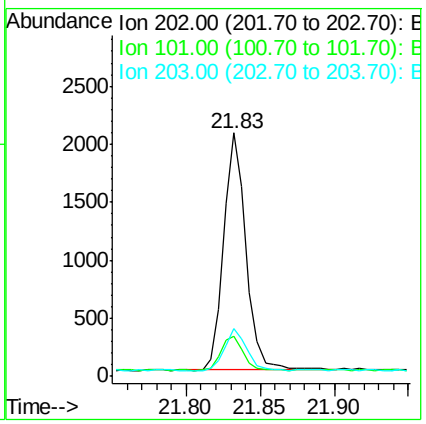


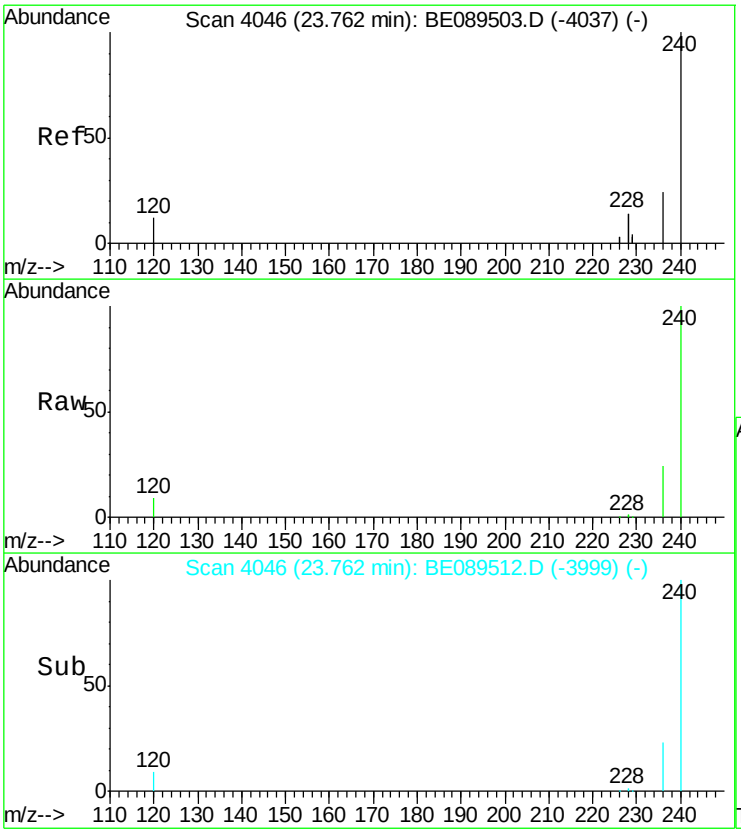
#15
Fluoranthene
Concen: 0.13 ng
RT: 21.83 min Scan# 3713
Delta R.T. -0.00 min
Lab File: BE089512.D
Acq: 5 Feb 2015 20:52

Instrument :
BNA_E
ClientSampleId :
PB81591BL

Tgt Ion:202 Resp: 2178

Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.3	16.9
203	17.1	13.8	20.6

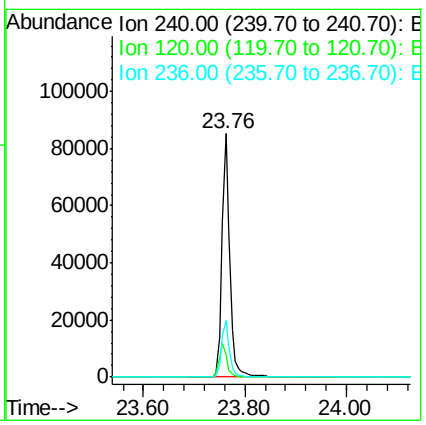


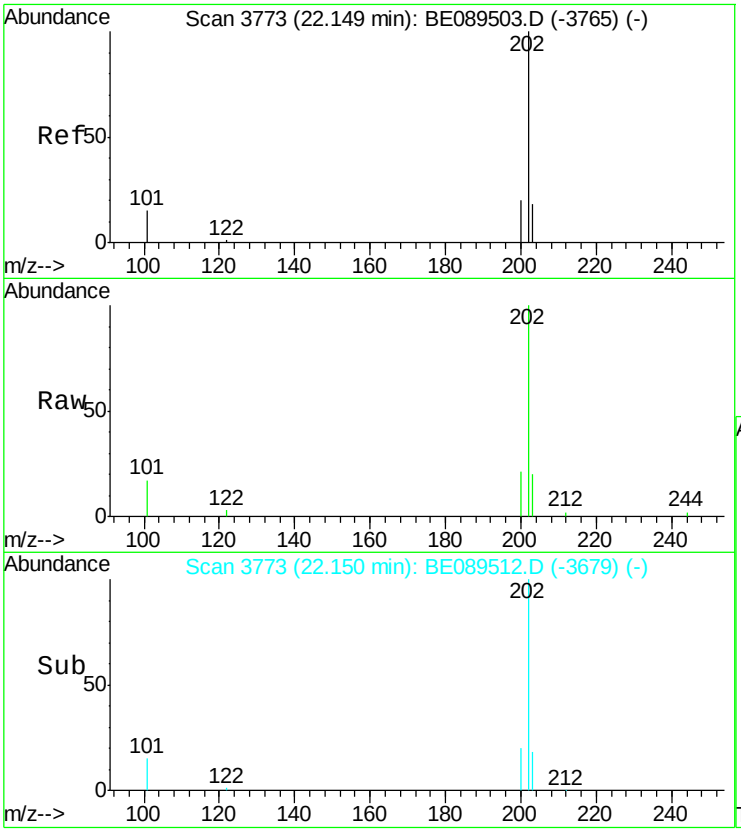


#16
Chrysene-d12
Concen: 5.00 ng
RT: 23.76 min Scan# 4046
Delta R.T. 0.00 min
Lab File: BE089512.D
Acq: 5 Feb 2015 20:52

Tgt Ion:240 Resp: 92234

Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.6	14.4#
236	23.5	19.4	29.2



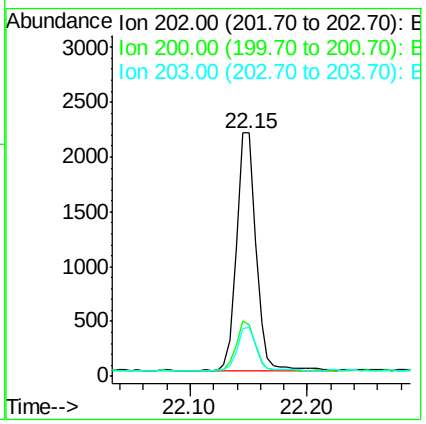


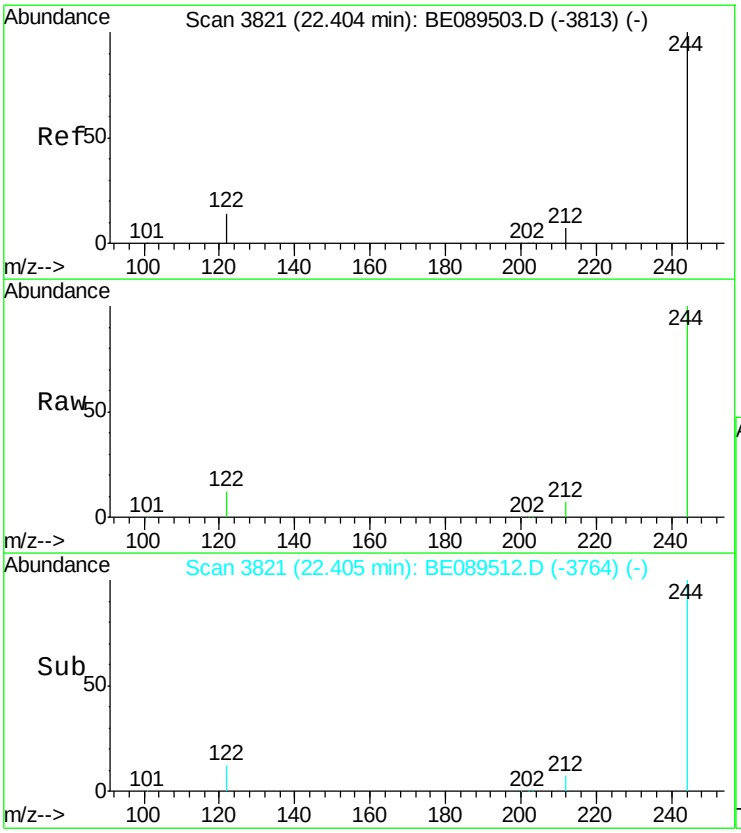
#17
Pyrene
Concen: 0.09 ng
RT: 22.15 min Scan# 3773
Delta R.T. 0.00 min
Lab File: BE089512.D
Acq: 5 Feb 2015 20:52

Instrument :
BNA_E
ClientSampleId :
PB81591BL

Tgt Ion:202 Resp: 2491

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.5	24.7
203	18.5	14.0	21.0

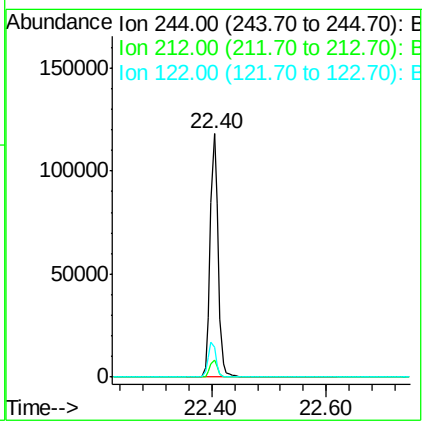


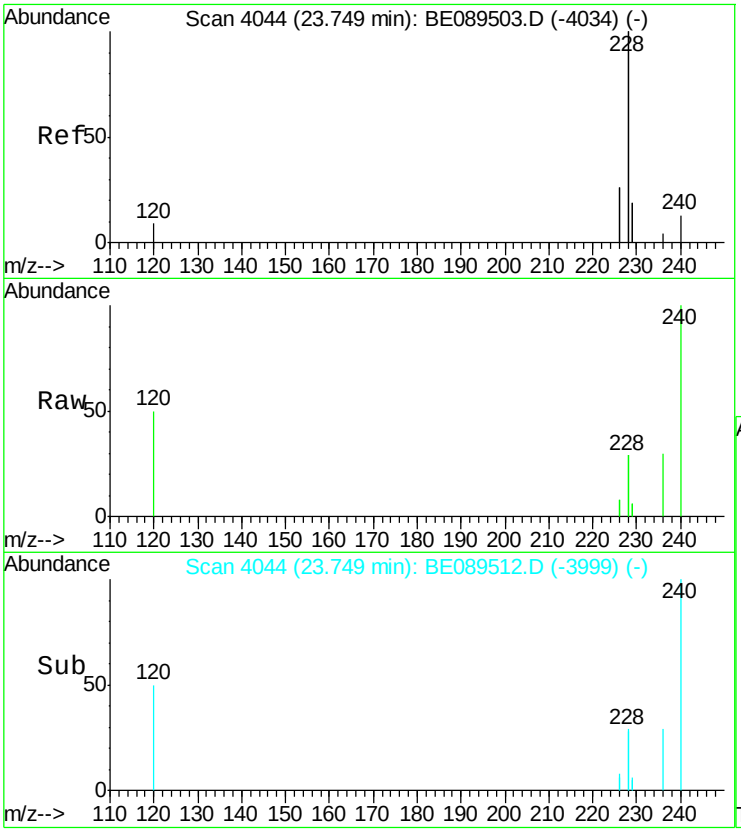


#18
Terphenyl-d14
Concen: 7.21 ng
RT: 22.40 min Scan# 3821
Delta R.T. 0.00 min
Lab File: BE089512.D
Acq: 5 Feb 2015 20:52

Tgt Ion:244 Resp: 115725

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	12.1	11.1	16.7



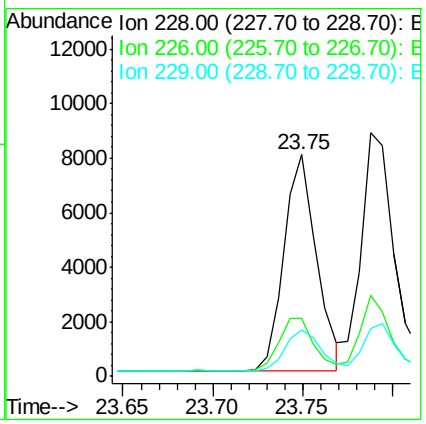


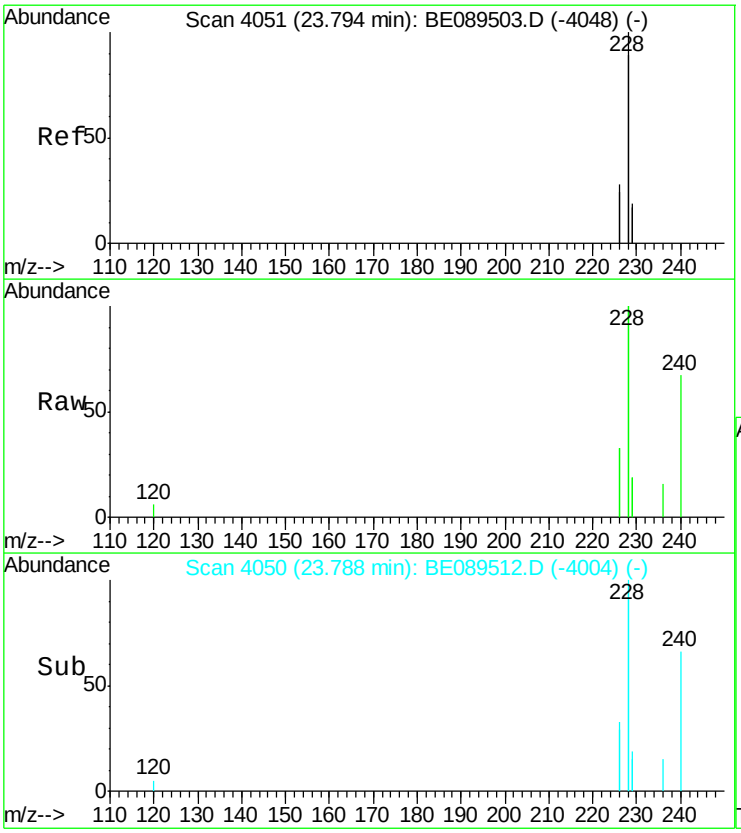
#19
Benzo(a)anthracene
Concen: 0.12 ng
RT: 23.75 min Scan# 4044
Delta R.T. 0.00 min
Lab File: BE089512.D
Acq: 5 Feb 2015 20:52

Instrument :
BNA_E
ClientSampleId :
PB81591BL

Tgt Ion:228 Resp: 9984

Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.0	31.6
229	21.2	15.5	23.3

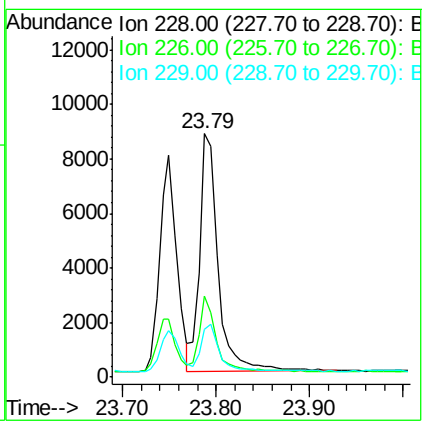


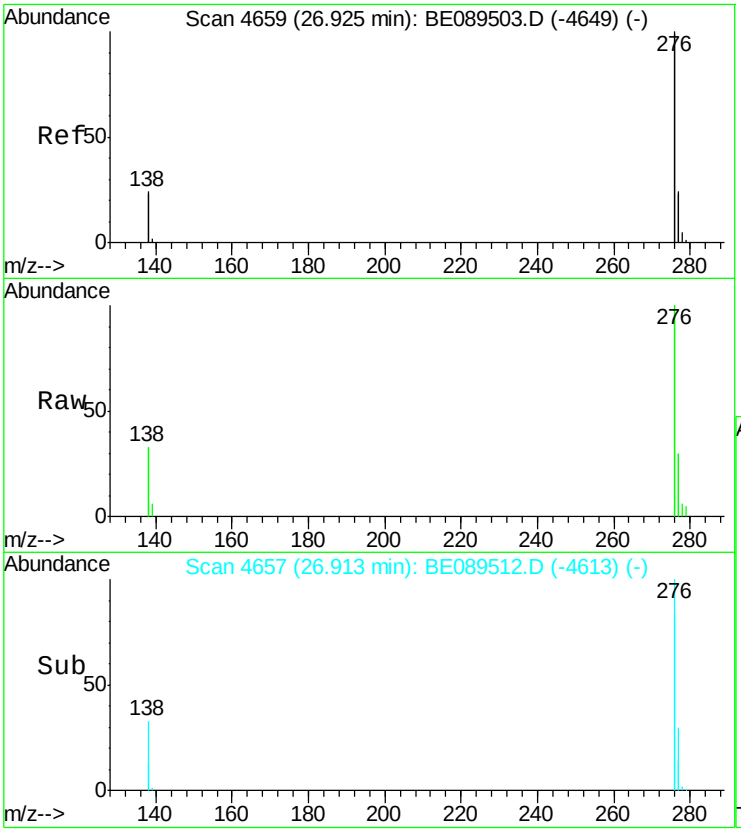


#20
Chrysene
Concen: 0.11 ng
RT: 23.79 min Scan# 4050
Delta R.T. -0.01 min
Lab File: BE089512.D
Acq: 5 Feb 2015 20:52

Tgt Ion:228 Resp: 11899

Ion	Ratio	Lower	Upper
228	100		
226	33.1	22.3	33.5
229	19.5	15.4	23.0



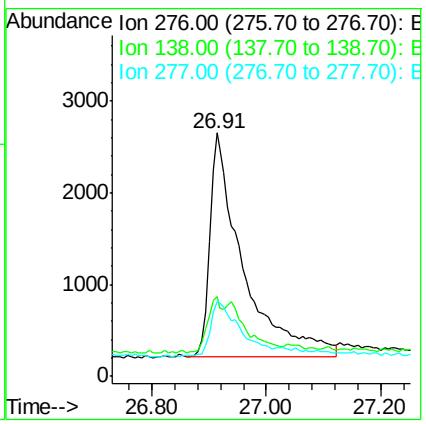


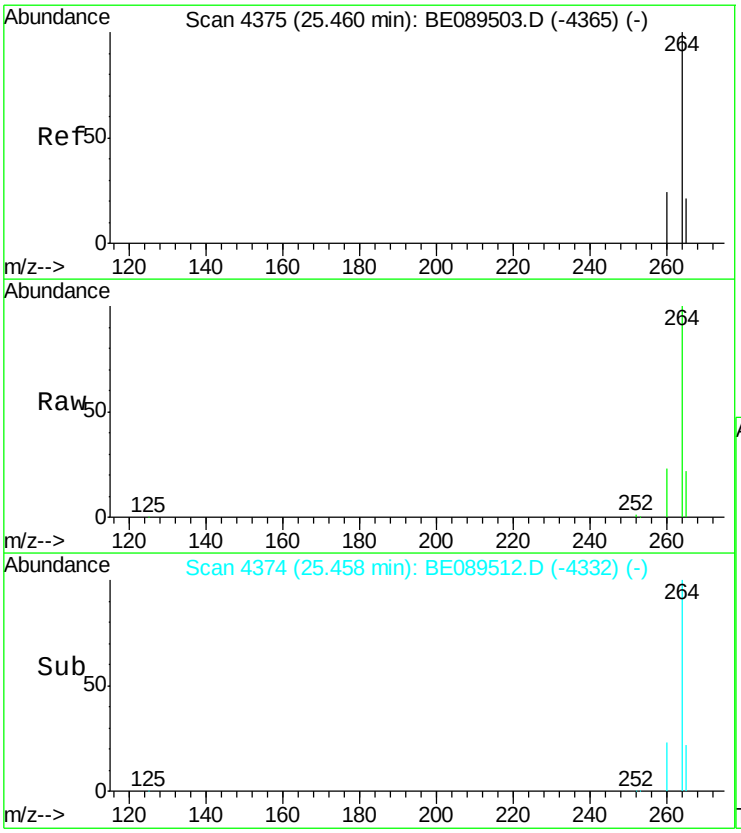
#21
Indeno(1,2,3-cd)pyrene
Concen: 0.14 ng
RT: 26.91 min Scan# 4657
Delta R.T. -0.01 min
Lab File: BE089512.D
Acq: 5 Feb 2015 20:52

Instrument :
BNA_E
ClientSampleId :
PB81591BL

Tgt Ion:276 Resp: 9893

Ion	Ratio	Lower	Upper
276	100		
138	11.7	23.2	34.8#
277	21.5	19.8	29.6

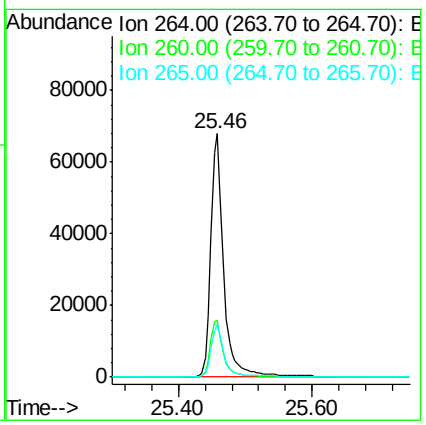


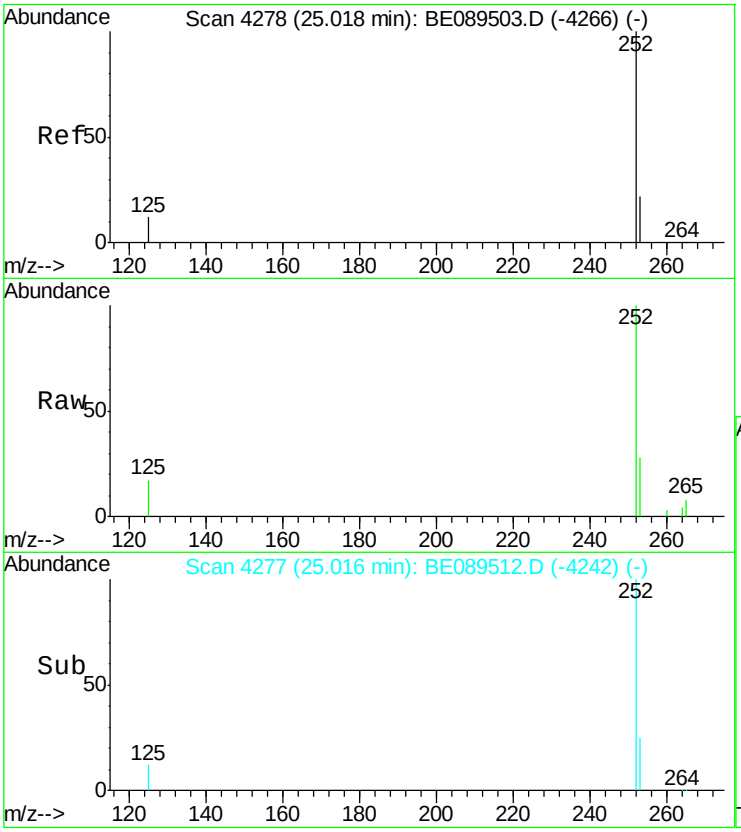


#22
Perylene-d12
Concen: 5.00 ng
RT: 25.46 min Scan# 4374
Delta R.T. -0.00 min
Lab File: BE089512.D
Acq: 5 Feb 2015 20:52

Tgt Ion:264 Resp: 92304

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.6
265	21.8	17.0	25.6



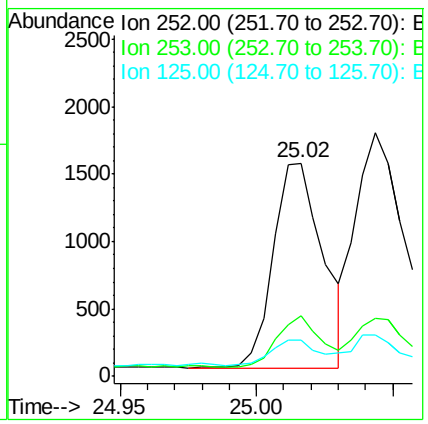


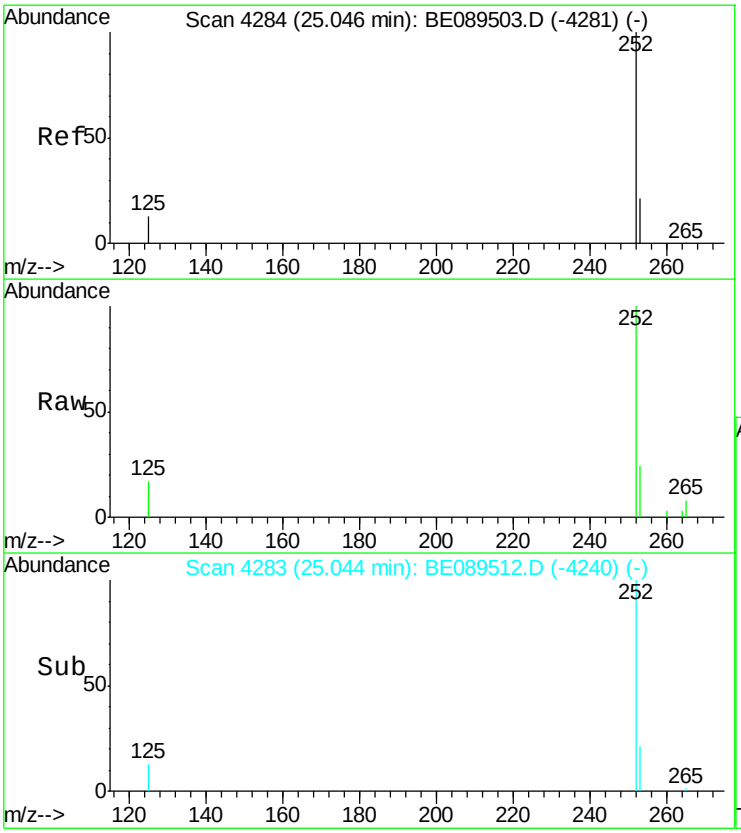
#23
Benzo(b)fluoranthene
Concen: 0.17 ng
RT: 25.02 min Scan# 4277
Delta R.T. -0.00 min
Lab File: BE089512.D
Acq: 5 Feb 2015 20:52

Instrument :
BNA_E
ClientSampleId :
PB81591BL

Tgt Ion:252 Resp: 1924

Ion	Ratio	Lower	Upper
252	100		
253	28.5	17.4	26.0#
125	17.1	9.6	14.4#

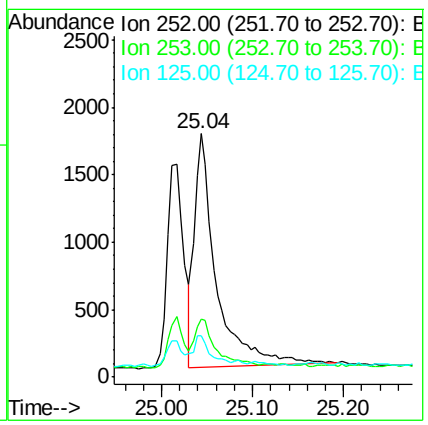


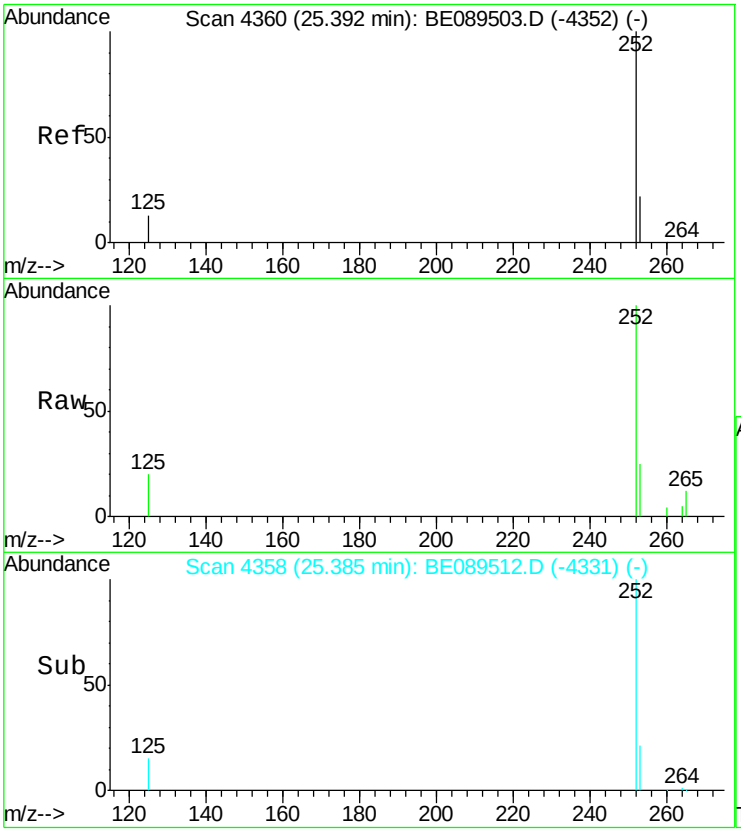


#24
Benzo(k)fluoranthene
Concen: 0.10 ng
RT: 25.04 min Scan# 4283
Delta R.T. -0.00 min
Lab File: BE089512.D
Acq: 5 Feb 2015 20:52

Tgt Ion:252 Resp: 2911

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.0	25.6
125	17.0	10.2	15.4#



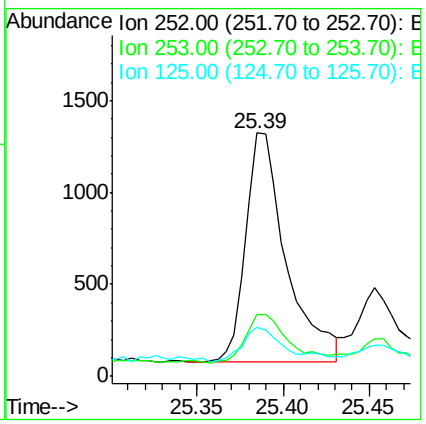


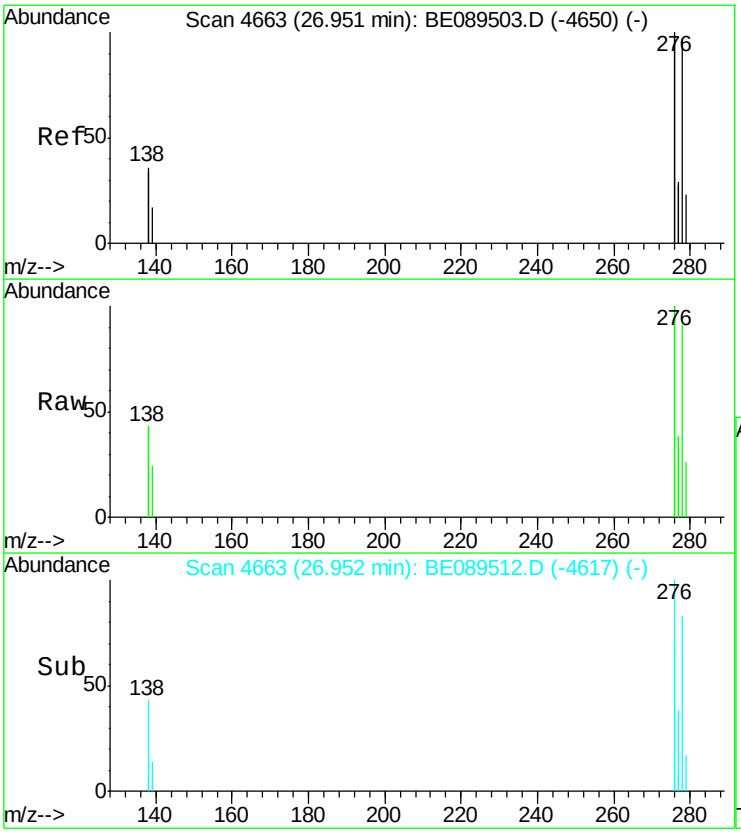
#25
Benzo(a)pyrene
Concen: 0.17 ng
RT: 25.39 min Scan# 4358
Delta R.T. -0.01 min
Lab File: BE089512.D
Acq: 5 Feb 2015 20:52

Instrument :
BNA_E
ClientSampleId :
PB81591BL

Tgt Ion:252 Resp: 2024

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.8	26.6
125	20.4	10.7	16.1#

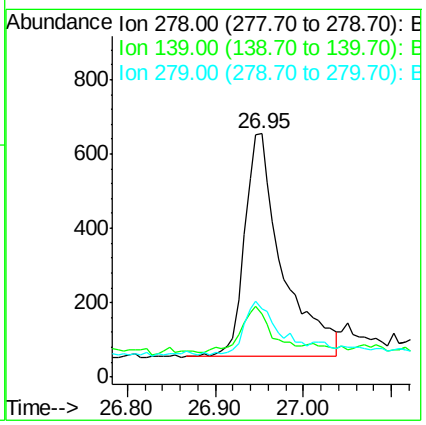


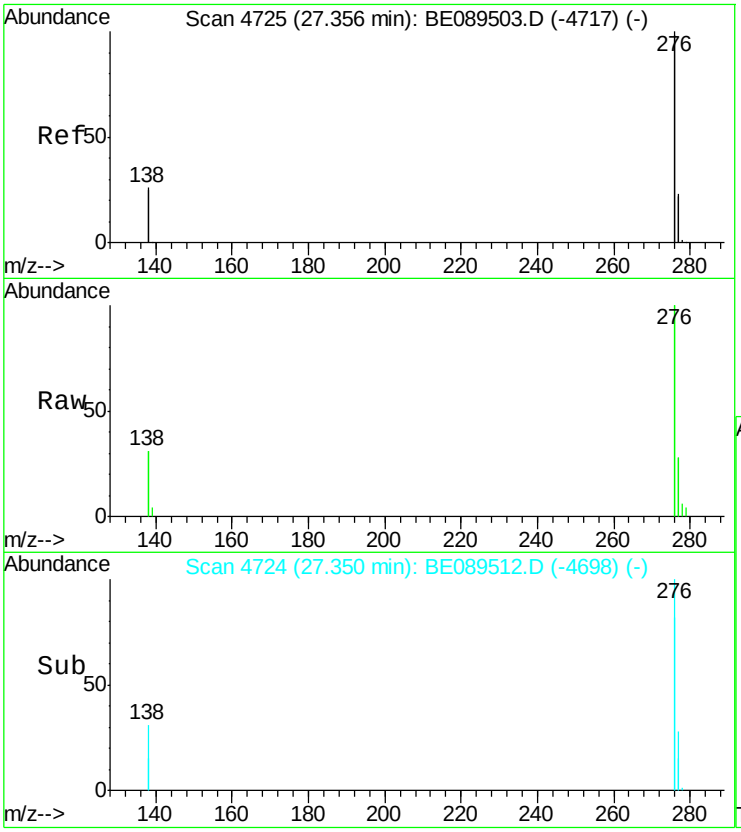


#26
Dibenzo(a,h)anthracene
Concen: 0.13 ng
RT: 26.95 min Scan# 4663
Delta R.T. 0.00 min
Lab File: BE089512.D
Acq: 5 Feb 2015 20:52

Tgt Ion:278 Resp: 1788

Ion	Ratio	Lower	Upper
278	100		
139	26.1	14.6	22.0#
279	27.9	19.0	28.4





#27
Benzo(g,h,i)perylene
Concen: 0.13 ng
RT: 27.35 min Scan# 4724
Delta R.T. -0.00 min
Lab File: BE089512.D
Acq: 5 Feb 2015 20:52

Instrument :
BNA_E
ClientSampleId :
PB81591BL

Tgt Ion:276 Resp: 10508

Ion	Ratio	Lower	Upper
276	100		
277	27.9	18.6	28.0
138	30.5	20.8	31.2