Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
Data File : BE089568.D
Acq On : 7 Feb 2015 21:06
Operator : TP/IZ
Sample : MDL-06-W
Misc : MDL-SOIL-0.1/0.2
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Feb 09 00:22:27 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	42894	5.00	ng		0.00
2) Naphthalene-d8	12.33	136	178985	5.00	ng		0.00
6) Acenaphthene-d10	16.51	164	94338	5.00	ng		0.00
11) Phenanthrene-d10	19.84	188	159074	5.00	ng		0.00
16) Chrysene-d12	23.72	240	141950	5.00	ng		0.00
22) Perylene-d12	25.41	264	127356	5.00	ng		0.00
System Monitoring Compounds							
3) Nitrobenzene-d5	10.69	82	104107	8.76	ng		0.00
7) 2-Fluorobiphenyl	14.96	172	194300	7.72	ng		0.00
18) Terphenyl-d14	22.36	244	197240	10.53	ng		0.00
Target Compounds							Qvalue
4) Naphthalene	12.37	128	5477	0.14	ng		97
5) 2-Methylnaphthalene	14.03	142	2941	0.13	ng		96
8) Acenaphthylene	16.16	152	15143	0.10	ng		99
9) Acenaphthene	16.58	154	2729	0.11	ng		95
10) Fluorene	17.83	166	2928	0.11	ng		98
12) Pentachlorophenol	19.52	266	66	0.59	ng		90
13) Phenanthrene	19.89	178	4880	0.12	ng		98
14) Anthracene	19.98	178	3684	0.11	ng		98
15) Fluoranthene	21.78	202	3538	0.10	ng		98
17) Pyrene	22.10	202	3717	0.12	ng		99
19) Benzo(a)anthracene	23.70	228	12697	0.10	ng		95
20) Chrysene	23.75	228	17459	0.14	ng		97
21) Indeno(1,2,3-cd)pyrene	26.84	276	5132	0.03	ng		95
23) Benzo(b)fluoranthene	24.97	252	1285	0.05	ng	#	86
24) Benzo(k)fluoranthene	25.00	252	2743	0.09	ng	#	89
25) Benzo(a)pyrene	25.34	252	1421	0.06	ng	#	87
26) Dibenzo(a,h)anthracene	26.87	278	1042	0.03	ng	#	78
27) Benzo(g,h,i)perylene	27.27	276	8017	0.07	ng	#	85

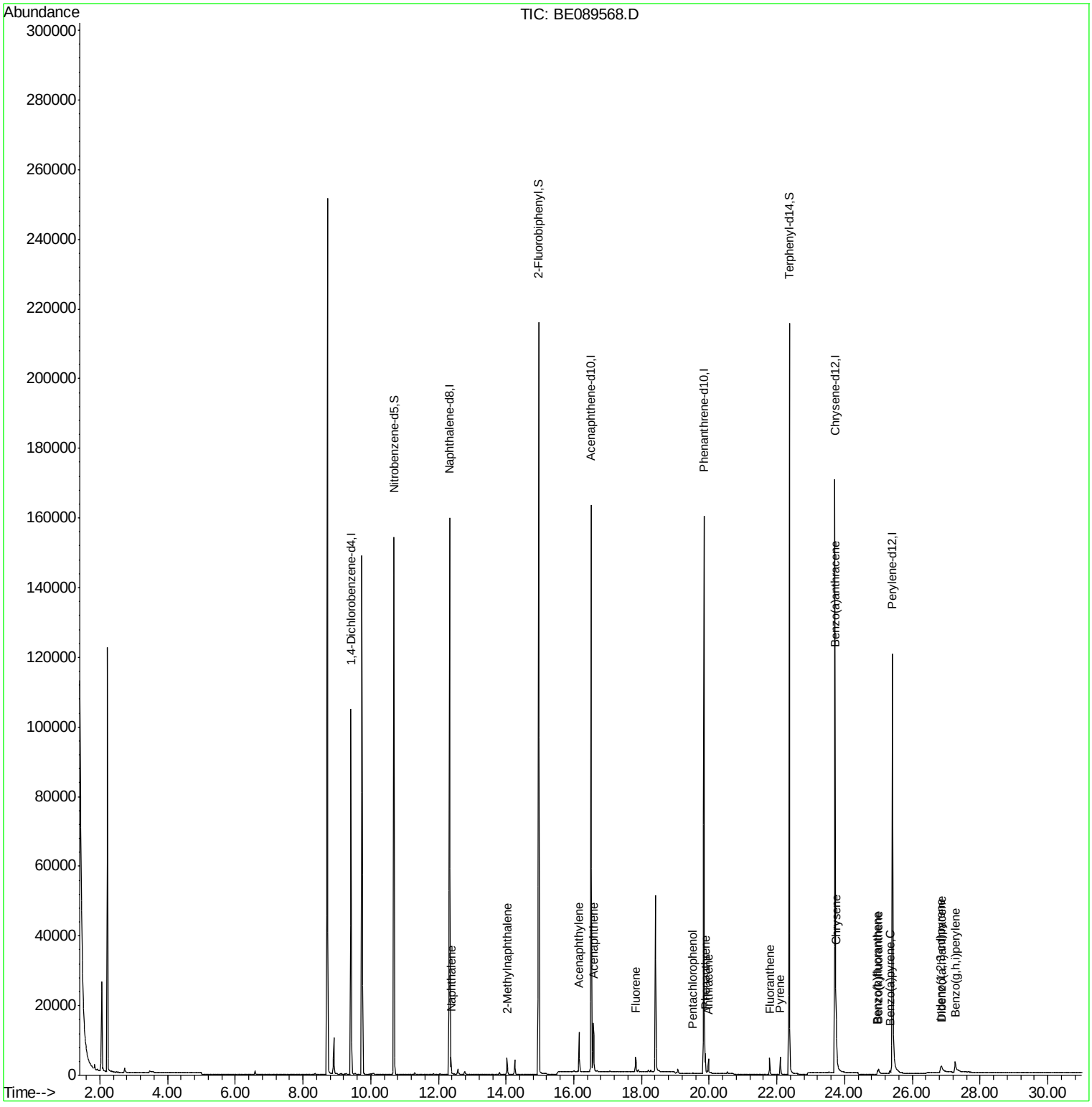
(#) = qualifier out of range (m) = manual integration (+) = signals summed

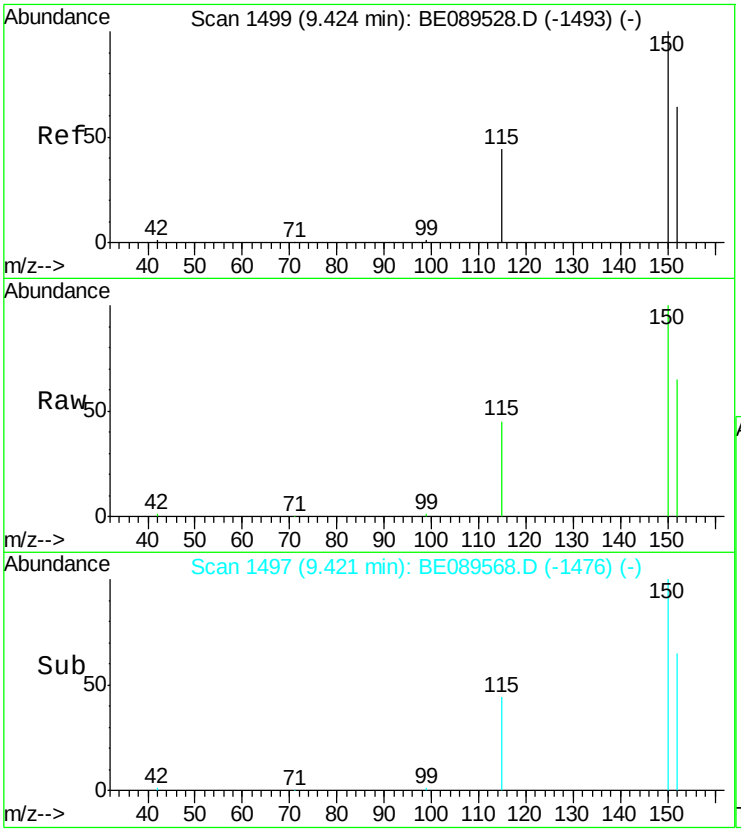
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
Data File : BE089568.D
Acq On : 7 Feb 2015 21:06
Operator : TP/IZ
Sample : MDL-06-W
Misc : MDL-SOIL-0.1/0.2
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 09 00:22:27 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



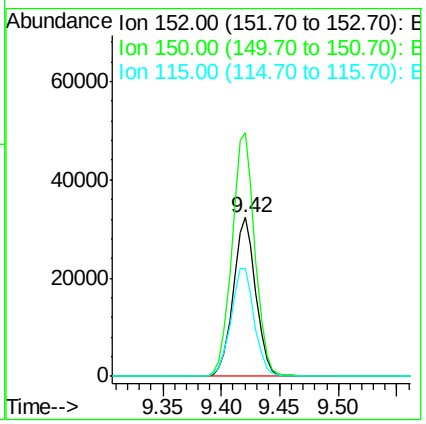


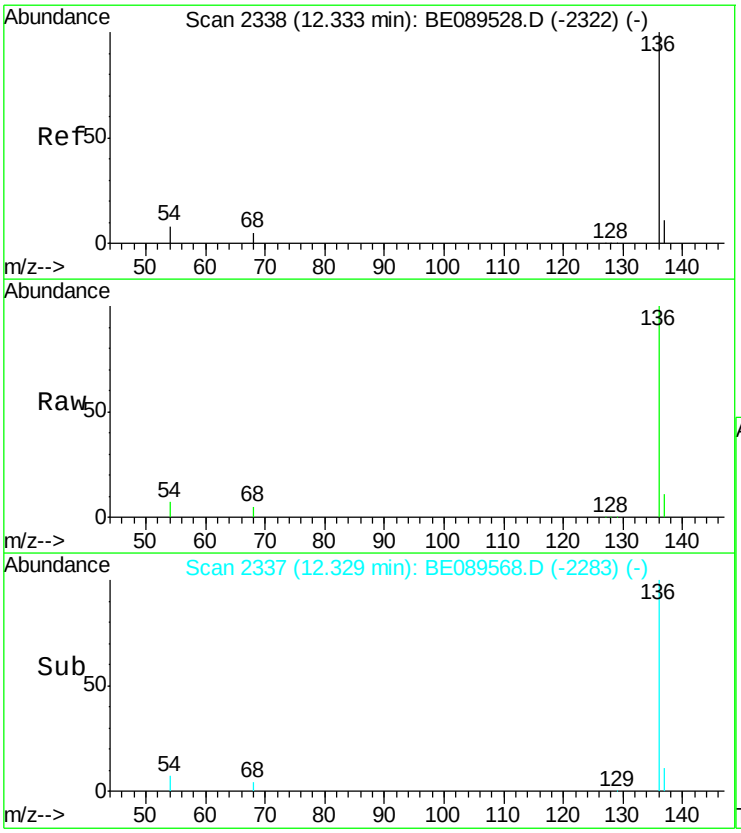
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.42 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BE089568.D
Acq: 7 Feb 2015 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 42894

Ion	Ratio	Lower	Upper
152	100		
150	153.5	125.7	188.5
115	68.4	55.6	83.4

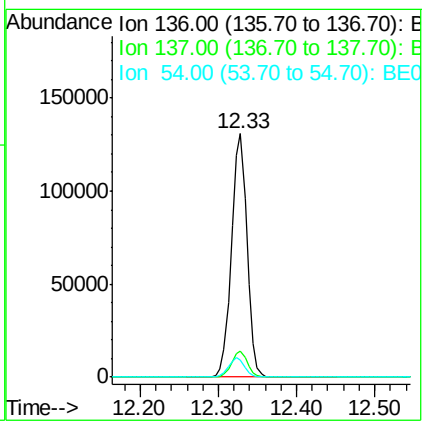


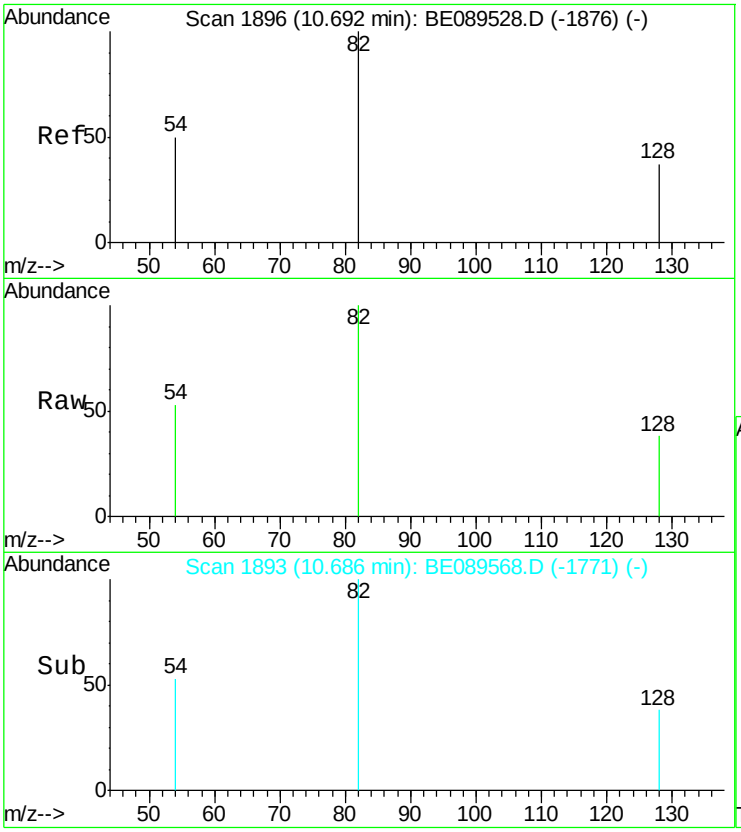


#2
Naphthalene-d8
Concen: 5.00 ng
RT: 12.33 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BE089568.D
Acq: 7 Feb 2015 21:06

Tgt Ion:136 Resp: 178985

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.9	6.1	9.1



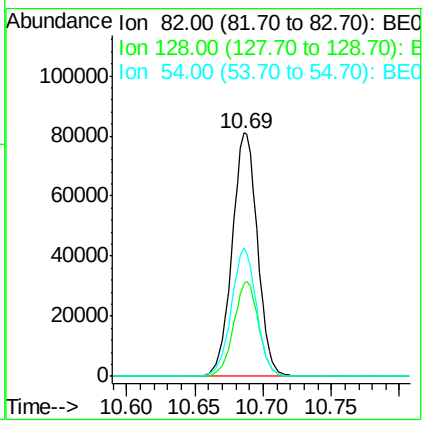


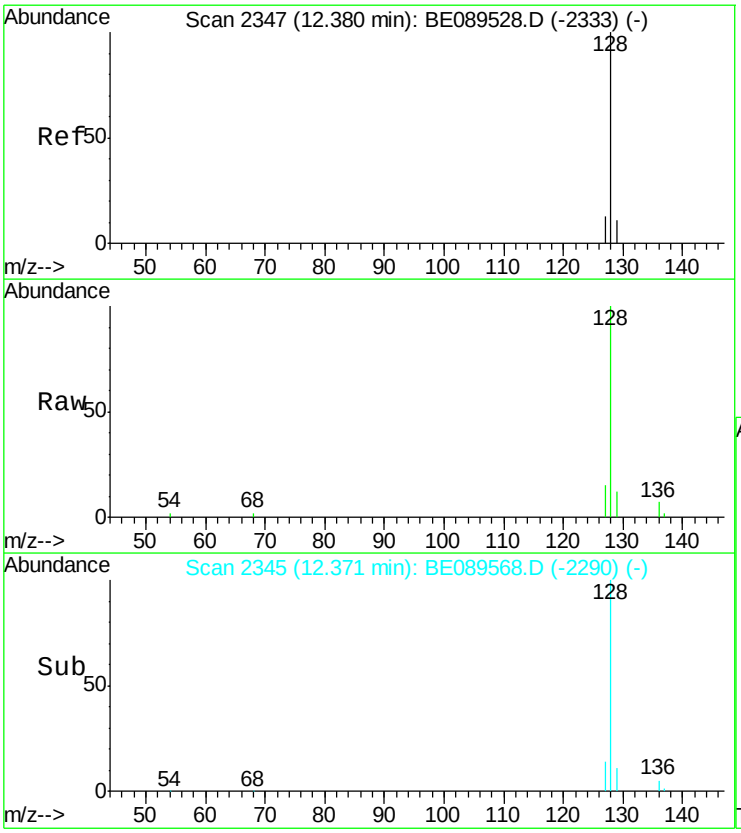
#3
Nitrobenzene-d5
Concen: 8.76 ng
RT: 10.69 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BE089568.D
Acq: 7 Feb 2015 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 104107

Ion	Ratio	Lower	Upper
82	100		
128	38.0	30.2	45.4
54	52.7	40.6	60.8

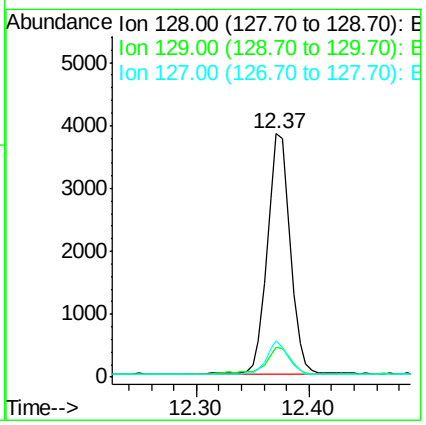


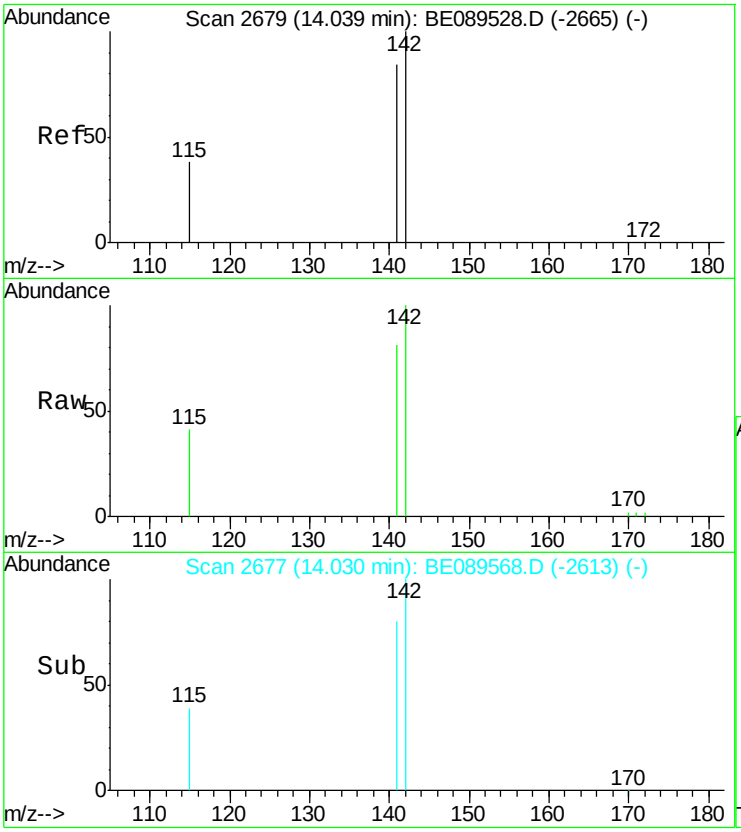


#4
Naphthalene
Concen: 0.14 ng
RT: 12.37 min Scan# 2345
Delta R.T. -0.01 min
Lab File: BE089568.D
Acq: 7 Feb 2015 21:06

Tgt Ion:128 Resp: 5477

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.1	13.7
127	14.7	10.5	15.7



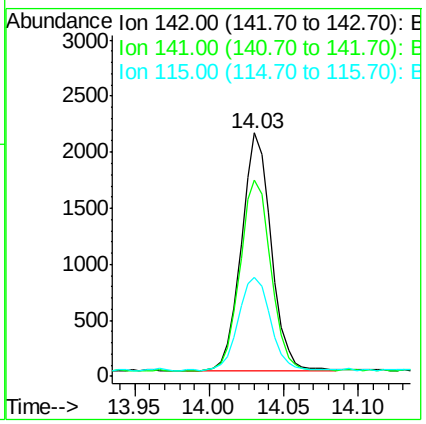


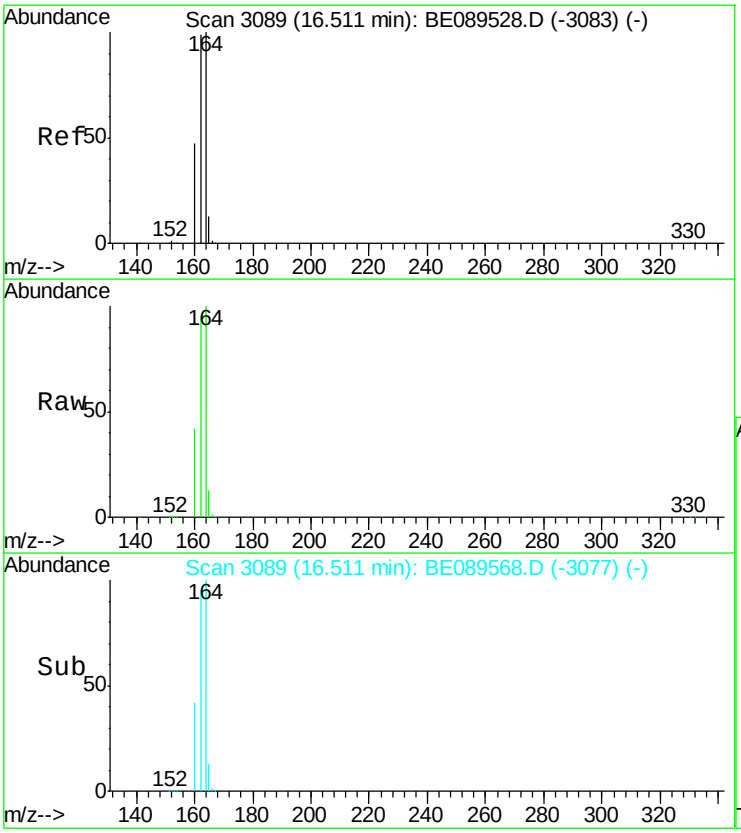
#5
2-Methylnaphthalene
Concen: 0.13 ng
RT: 14.03 min Scan# 2677
Delta R.T. -0.01 min
Lab File: BE089568.D
Acq: 7 Feb 2015 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 2941

Ion	Ratio	Lower	Upper
142	100		
141	80.6	67.0	100.6
115	40.7	30.6	45.8

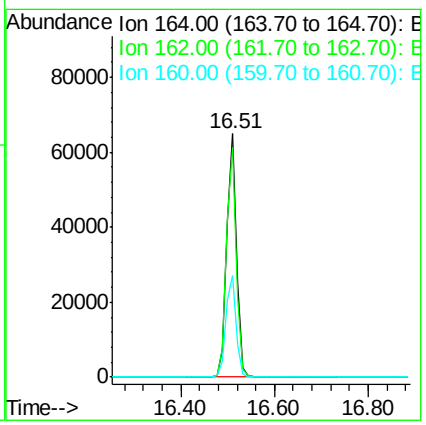


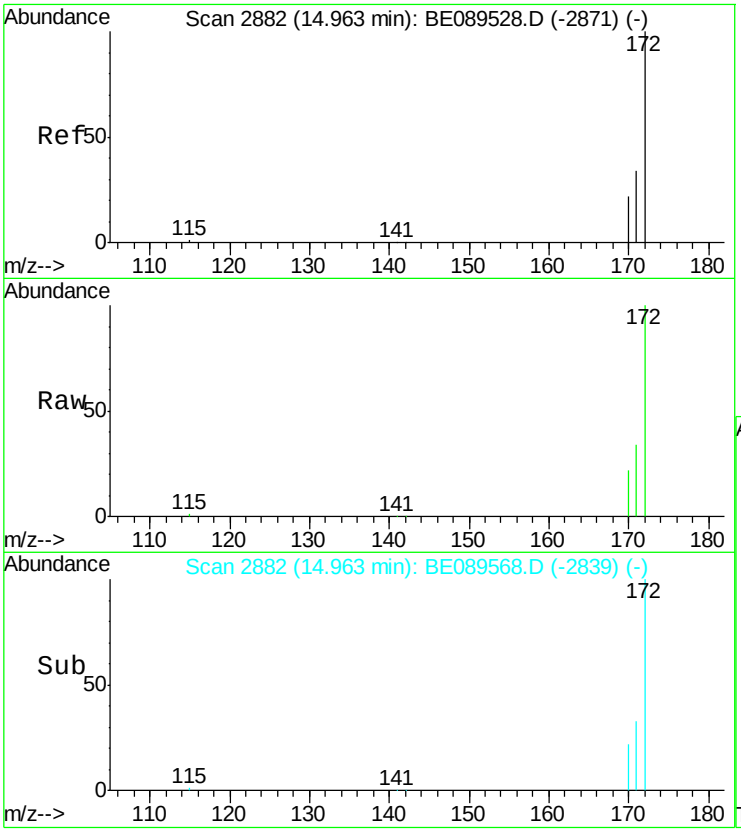


#6
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.51 min Scan# 3089
Delta R.T. 0.00 min
Lab File: BE089568.D
Acq: 7 Feb 2015 21:06

Tgt Ion:164 Resp: 94338

Ion	Ratio	Lower	Upper
164	100		
162	94.5	79.5	119.3
160	41.8	37.6	56.4



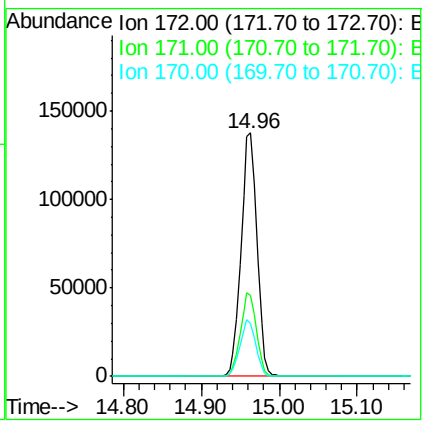


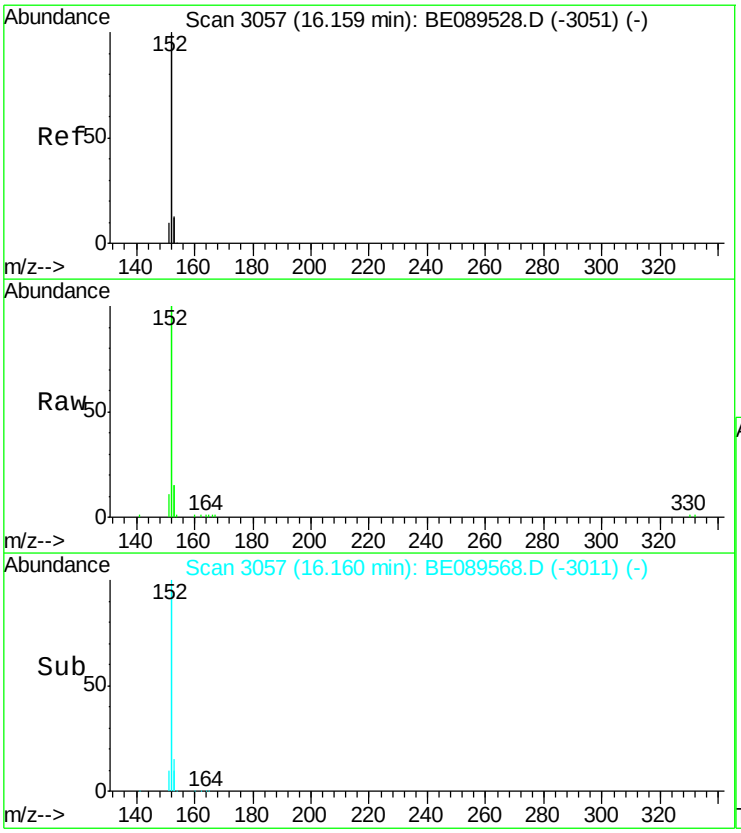
#7
2-Fluorobiphenyl
Concen: 7.72 ng
RT: 14.96 min Scan# 2882
Delta R.T. 0.00 min
Lab File: BE089568.D
Acq: 7 Feb 2015 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 194300

Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.7	41.5
170	21.8	18.3	27.5

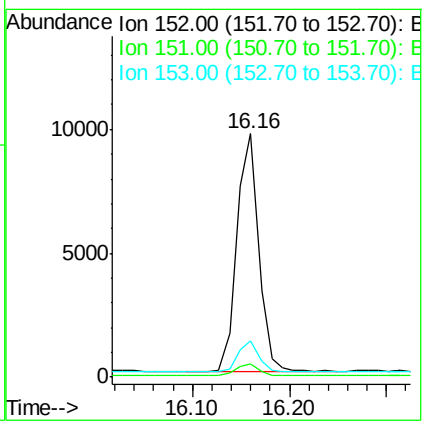


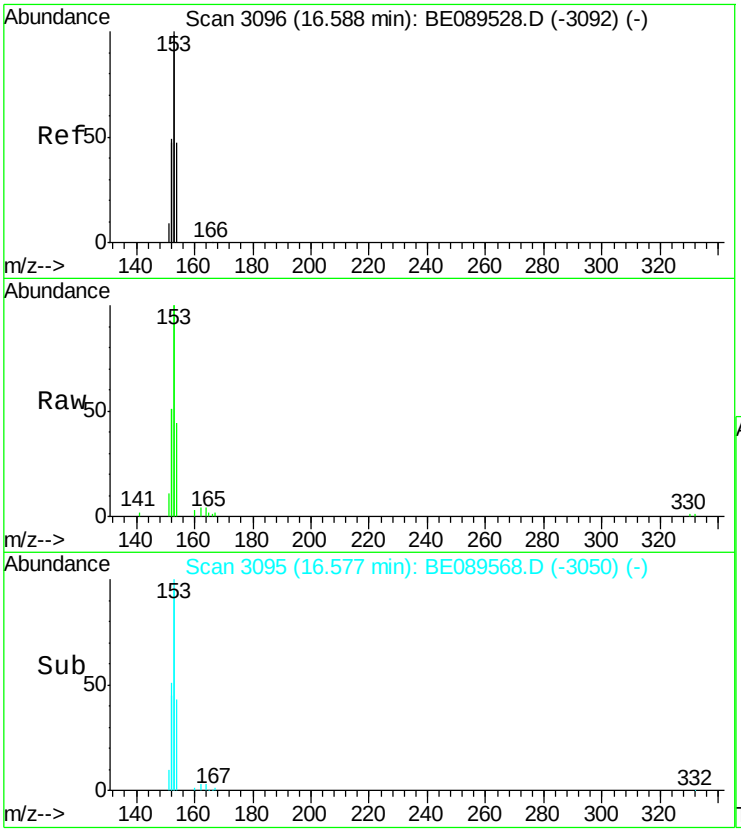


#8
Acenaphthylene
Concen: 0.10 ng
RT: 16.16 min Scan# 3057
Delta R.T. 0.00 min
Lab File: BE089568.D
Acq: 7 Feb 2015 21:06

Tgt Ion:152 Resp: 15143

Ion	Ratio	Lower	Upper
152	100		
151	5.1	4.0	6.0
153	12.5	10.6	15.8



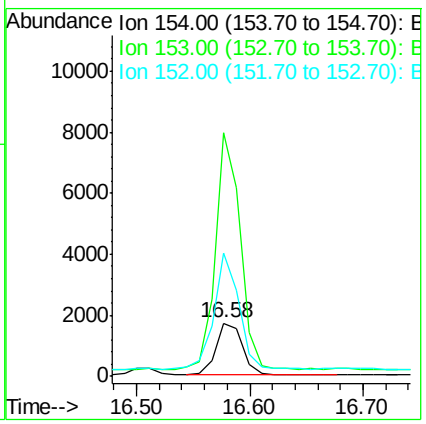


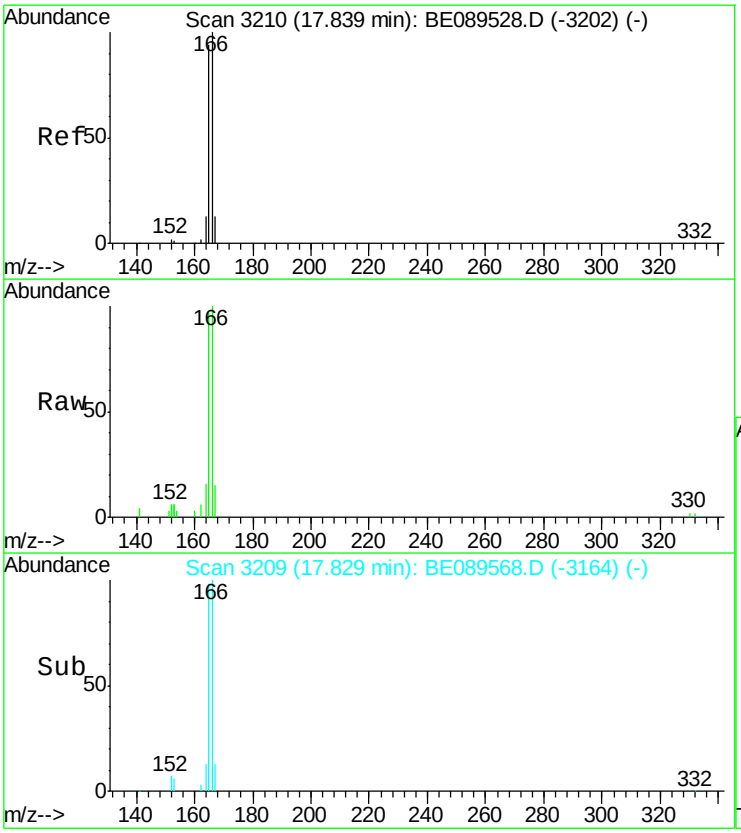
#9
Acenaphthene
Concen: 0.11 ng
RT: 16.58 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BE089568.D
Acq: 7 Feb 2015 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2729

Ion	Ratio	Lower	Upper
154	100		
153	437.4	340.8	511.2
152	214.5	165.5	248.3

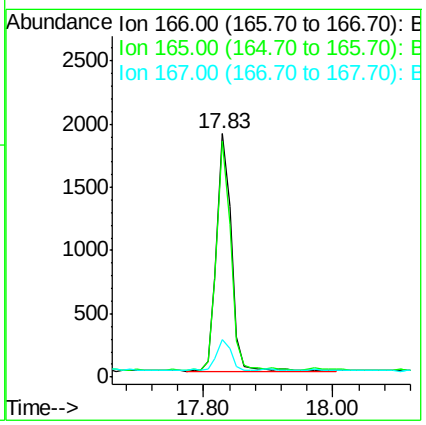


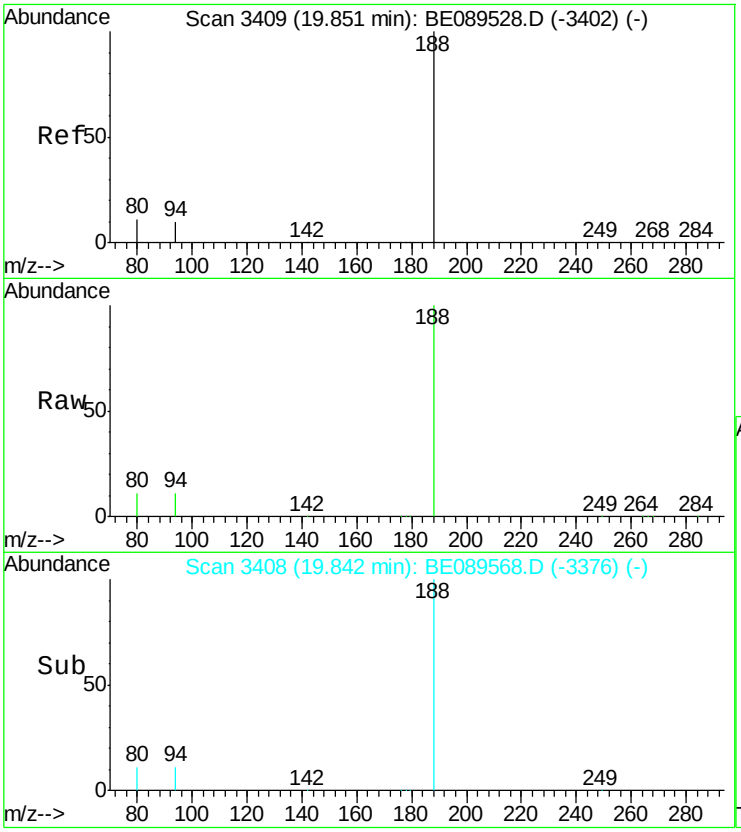


#10
Fluorene
Concen: 0.11 ng
RT: 17.83 min Scan# 3209
Delta R.T. -0.01 min
Lab File: BE089568.D
Acq: 7 Feb 2015 21:06

Tgt Ion:166 Resp: 2928

Ion	Ratio	Lower	Upper
166	100		
165	92.8	75.5	113.3
167	13.5	10.9	16.3



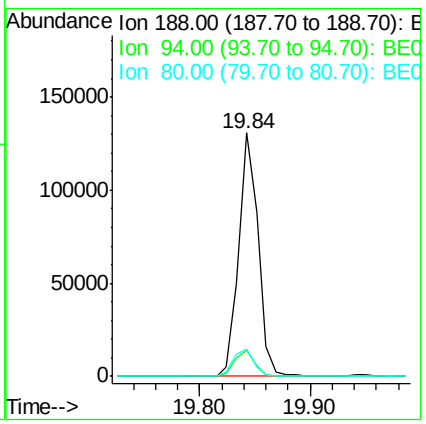


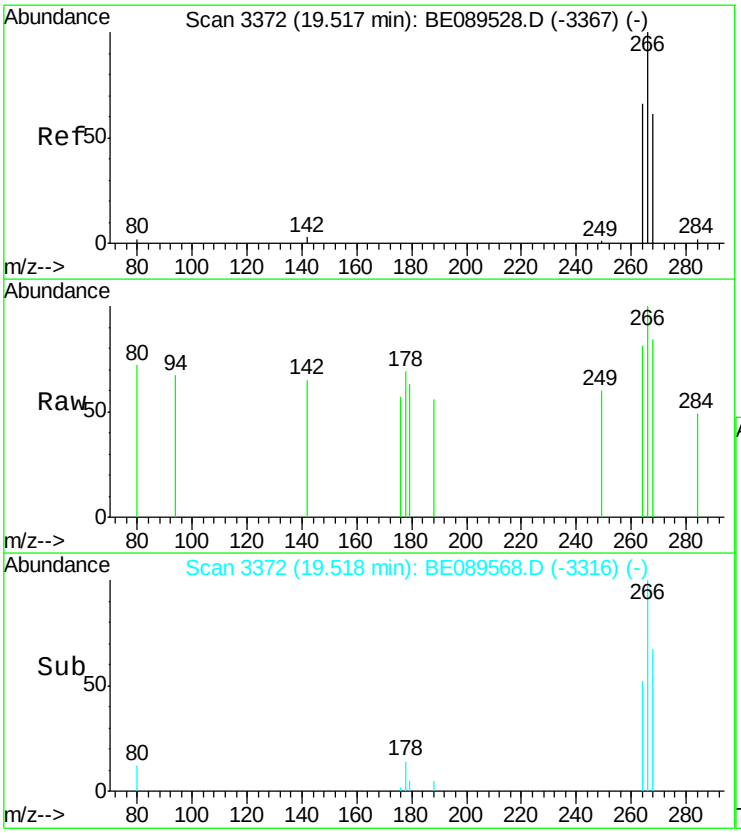
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.84 min Scan# 3408
Delta R.T. -0.01 min
Lab File: BE089568.D
Acq: 7 Feb 2015 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 159074

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.4	12.6
80	11.5	8.6	12.8

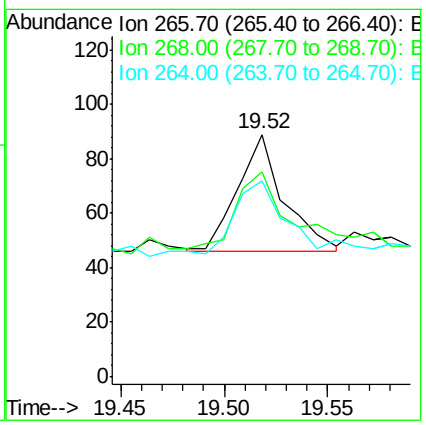


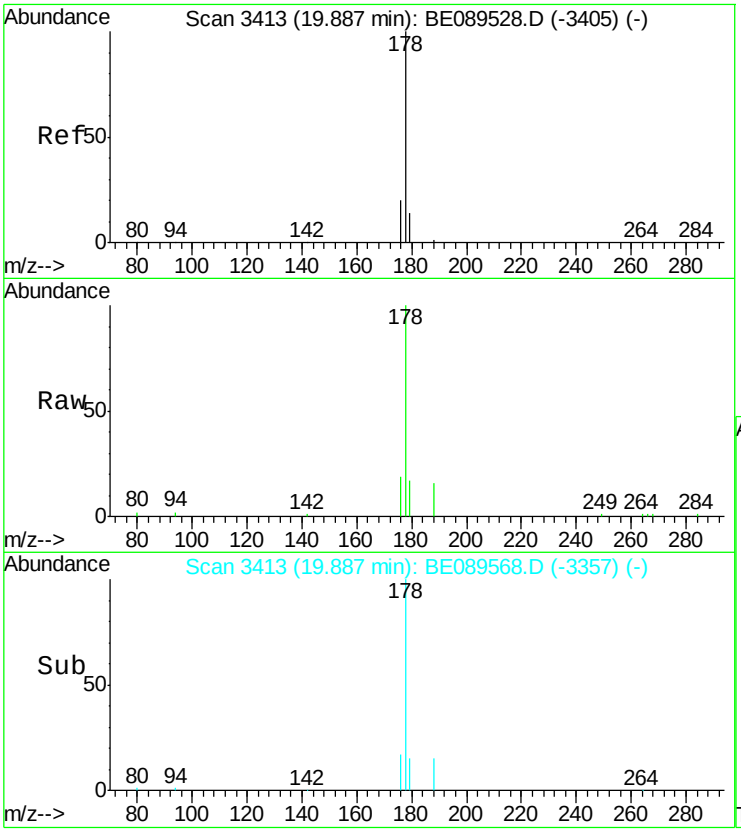


#12
Pentachlorophenol
Concen: 0.59 ng
RT: 19.52 min Scan# 3372
Delta R.T. 0.00 min
Lab File: BE089568.D
Acq: 7 Feb 2015 21:06

Tgt Ion:266 Resp: 66

Ion	Ratio	Lower	Upper
266	100		
268	84.3	57.9	86.9
264	80.9	60.2	90.4



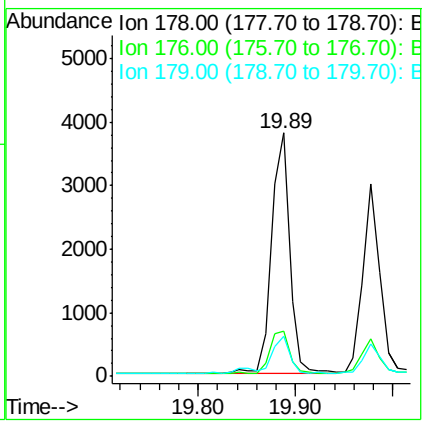


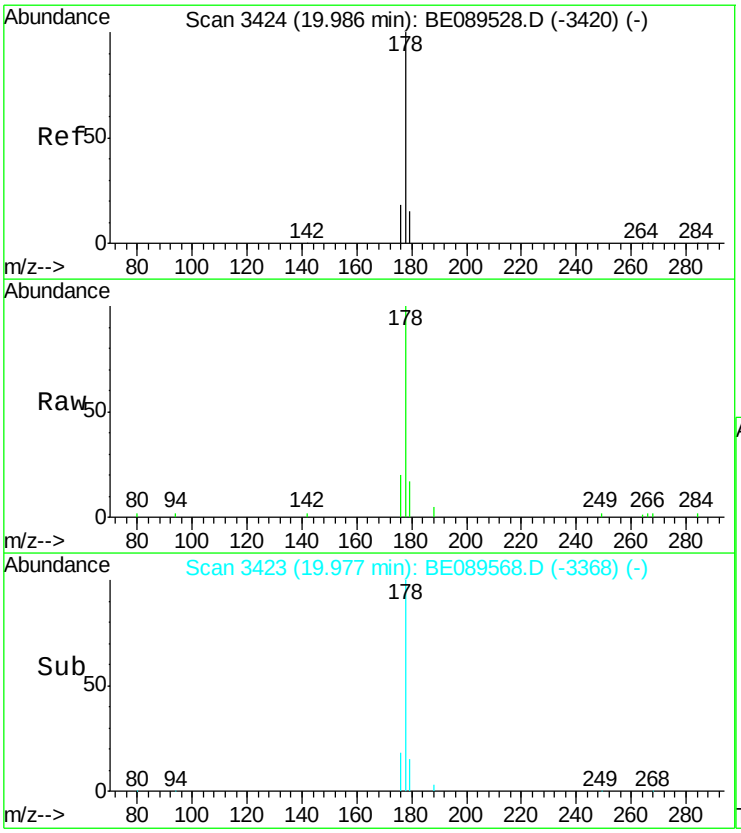
#13
Phenanthrene
Concen: 0.12 ng
RT: 19.89 min Scan# 3413
Delta R.T. 0.00 min
Lab File: BE089568.D
Acq: 7 Feb 2015 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 4880

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	17.0	12.2	18.2

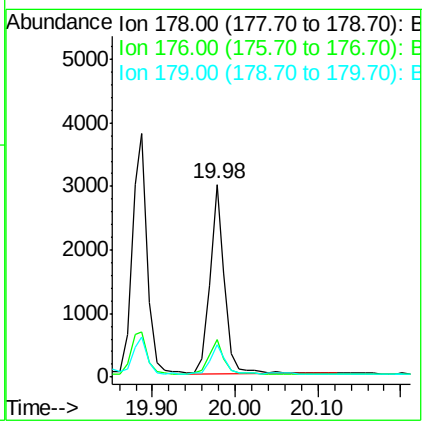


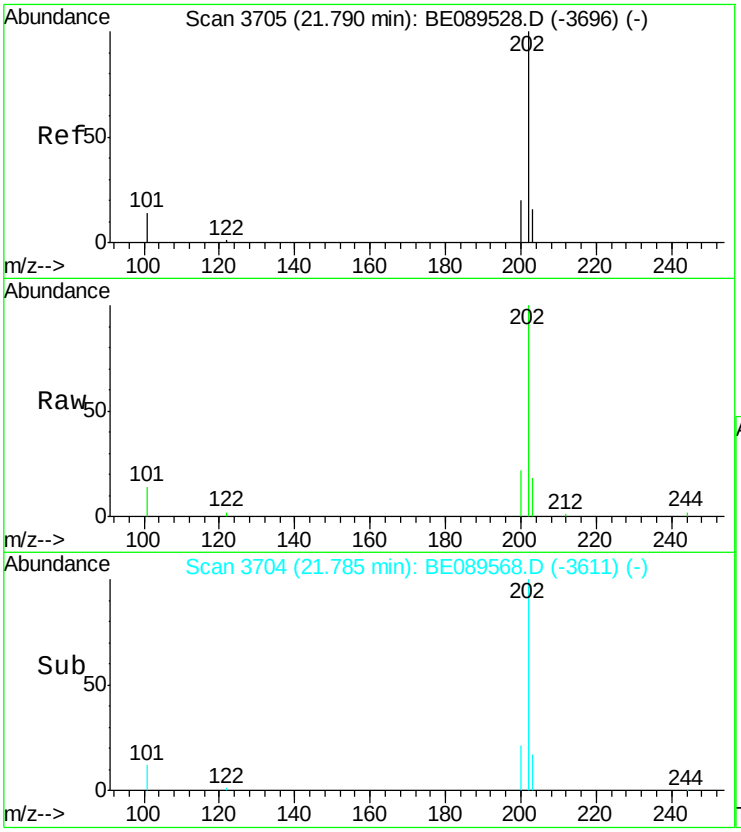


#14
Anthracene
Concen: 0.11 ng
RT: 19.98 min Scan# 3423
Delta R.T. -0.01 min
Lab File: BE089568.D
Acq: 7 Feb 2015 21:06

Tgt Ion:178 Resp: 3684

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.5	21.7
179	15.9	12.2	18.2



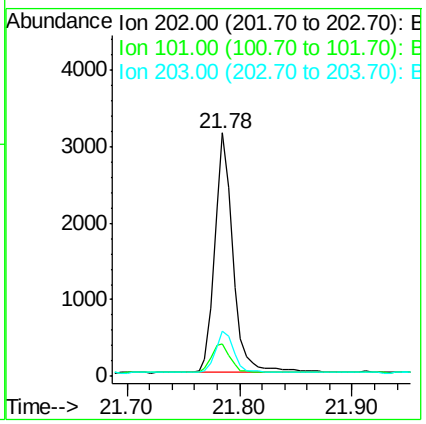


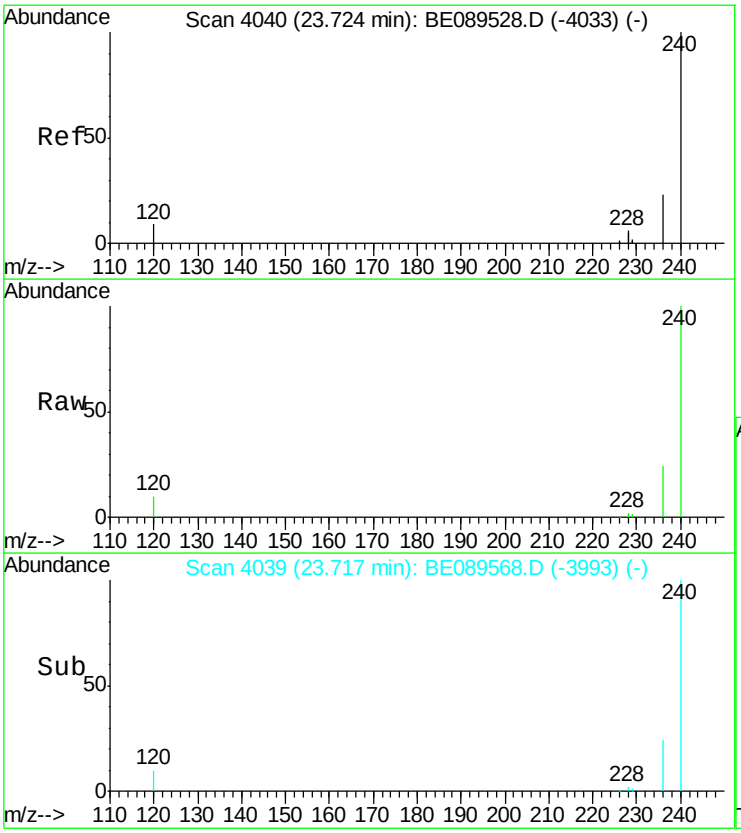
#15
Fluoranthene
Concen: 0.10 ng
RT: 21.78 min Scan# 3704
Delta R.T. -0.00 min
Lab File: BE089568.D
Acq: 7 Feb 2015 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 3538

Ion	Ratio	Lower	Upper
202	100		
101	12.7	11.6	17.4
203	17.2	13.6	20.4

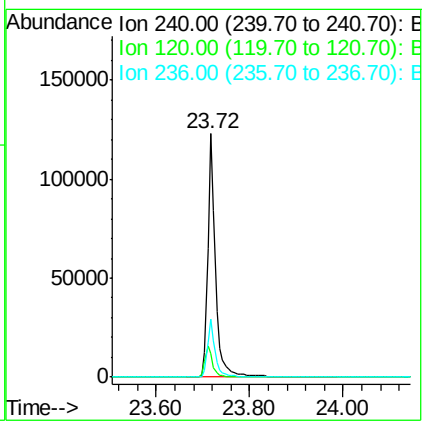


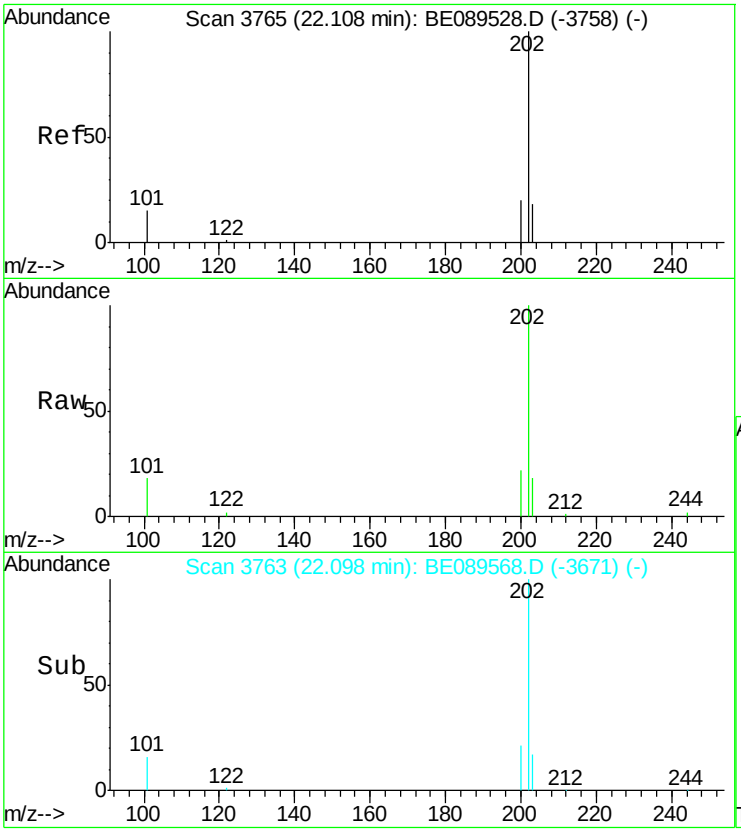


#16
Chrysene-d12
Concen: 5.00 ng
RT: 23.72 min Scan# 4039
Delta R.T. -0.01 min
Lab File: BE089568.D
Acq: 7 Feb 2015 21:06

Tgt Ion:240 Resp: 141950

Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.2	10.8
236	23.6	18.5	27.7



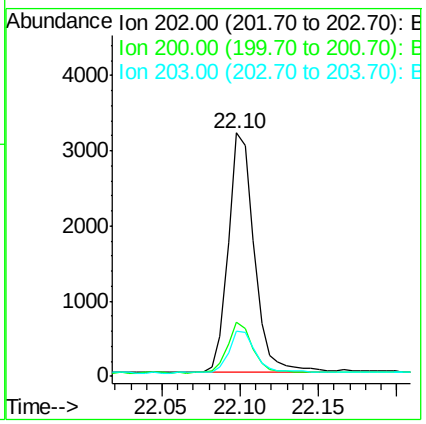


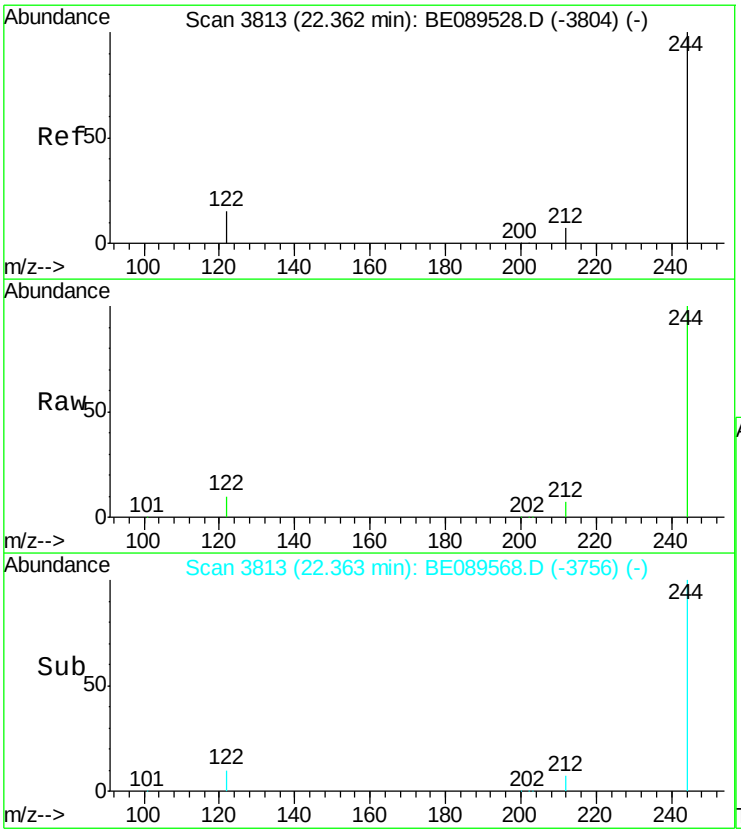
#17
Pyrene
Concen: 0.12 ng
RT: 22.10 min Scan# 3763
Delta R.T. -0.01 min
Lab File: BE089568.D
Acq: 7 Feb 2015 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 3717

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.3	24.5
203	17.7	13.5	20.3

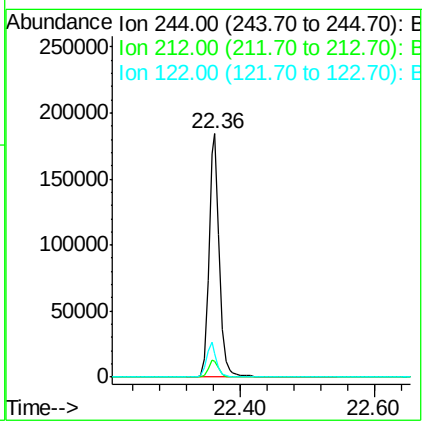


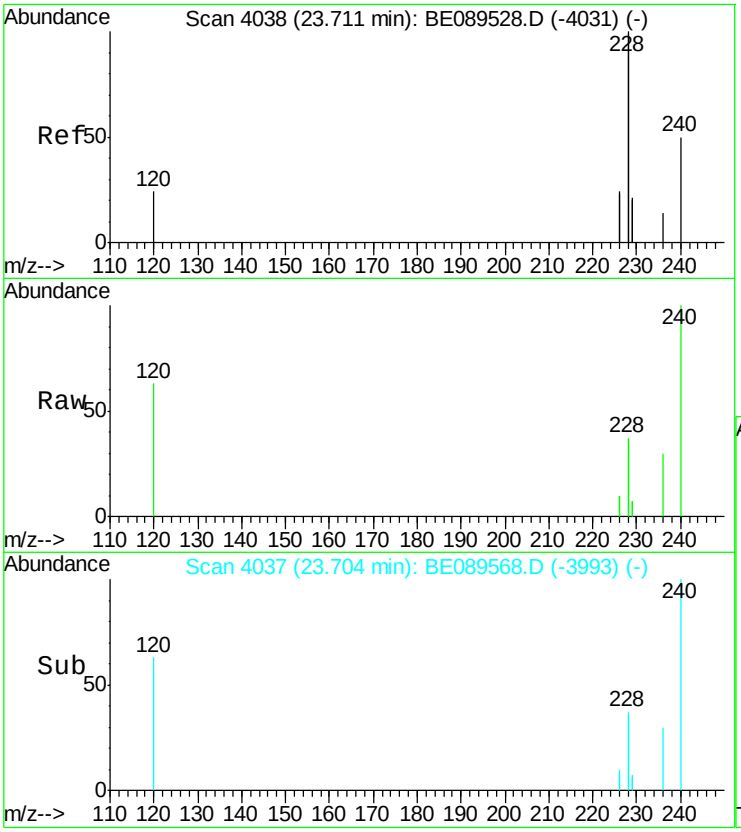


#18
Terphenyl-d14
Concen: 10.53 ng
RT: 22.36 min Scan# 3813
Delta R.T. 0.00 min
Lab File: BE089568.D
Acq: 7 Feb 2015 21:06

Tgt Ion:244 Resp: 197240

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	9.9	12.6	19.0#



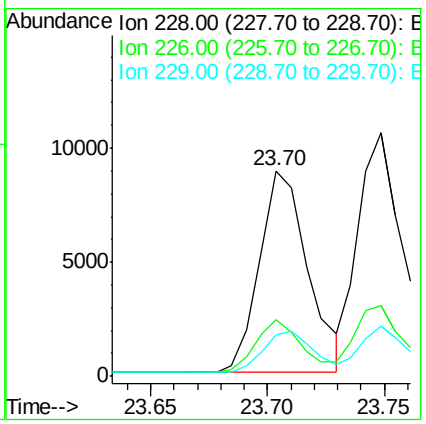


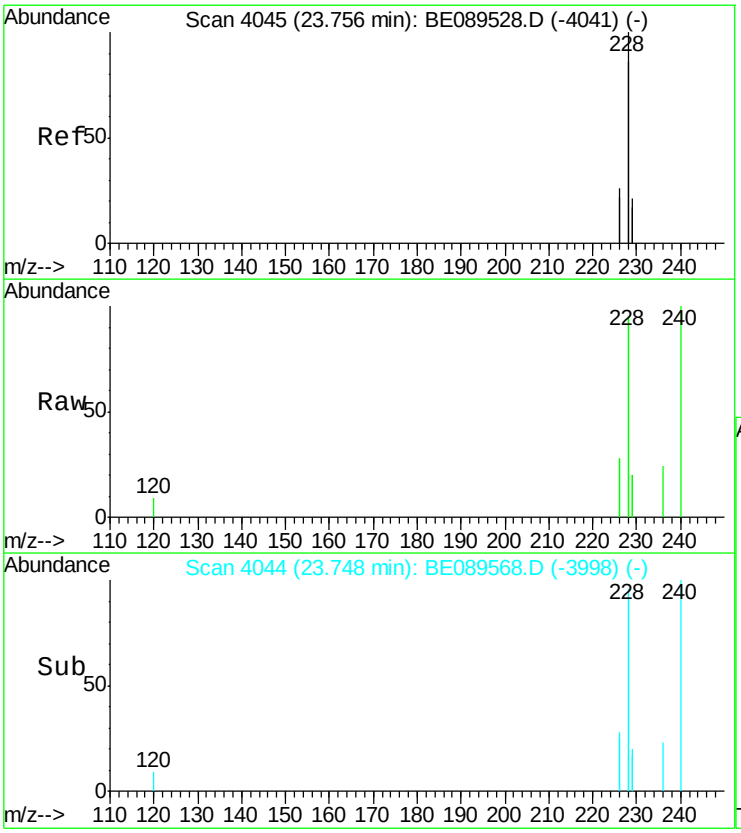
#19
Benzo(a)anthracene
Concen: 0.10 ng
RT: 23.70 min Scan# 4037
Delta R.T. -0.01 min
Lab File: BE089568.D
Acq: 7 Feb 2015 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 12697

Ion	Ratio	Lower	Upper
228	100		
226	27.4	19.0	28.4
229	20.3	16.8	25.2

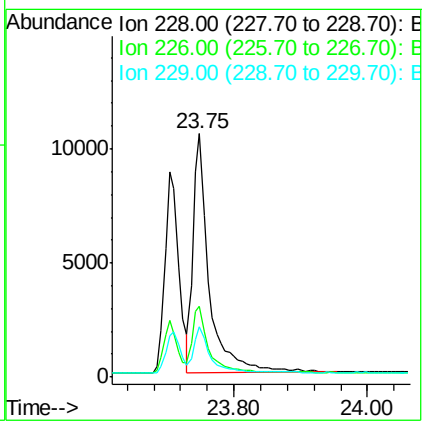


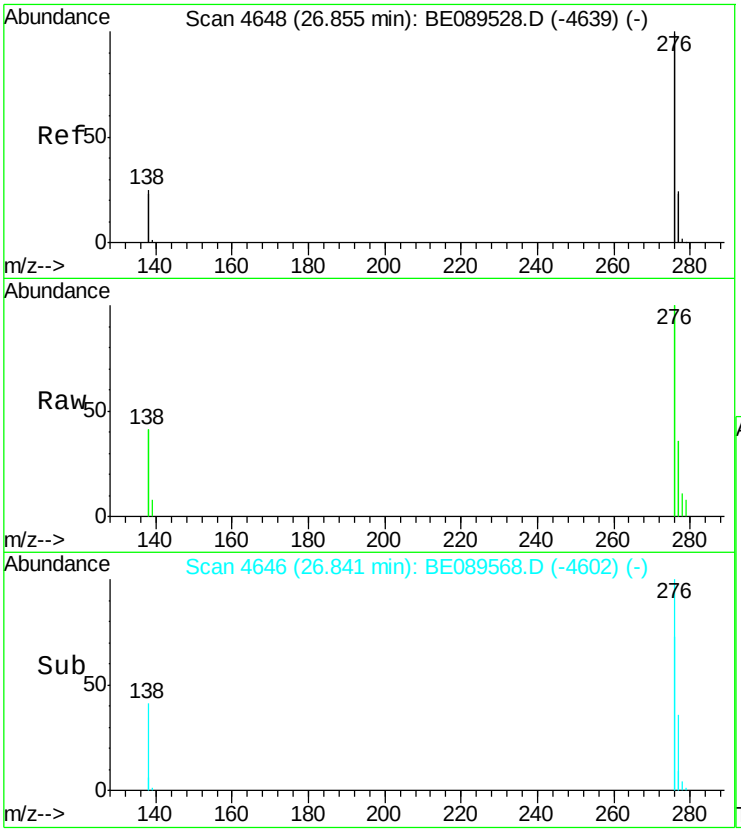


#20
Chrysene
Concen: 0.14 ng
RT: 23.75 min Scan# 4044
Delta R.T. -0.01 min
Lab File: BE089568.D
Acq: 7 Feb 2015 21:06

Tgt Ion:228 Resp: 17459

Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.0	31.4
229	20.9	16.7	25.1



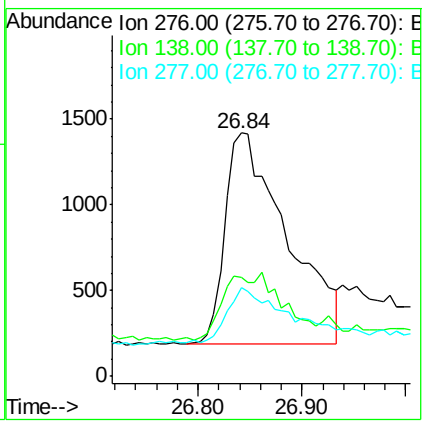


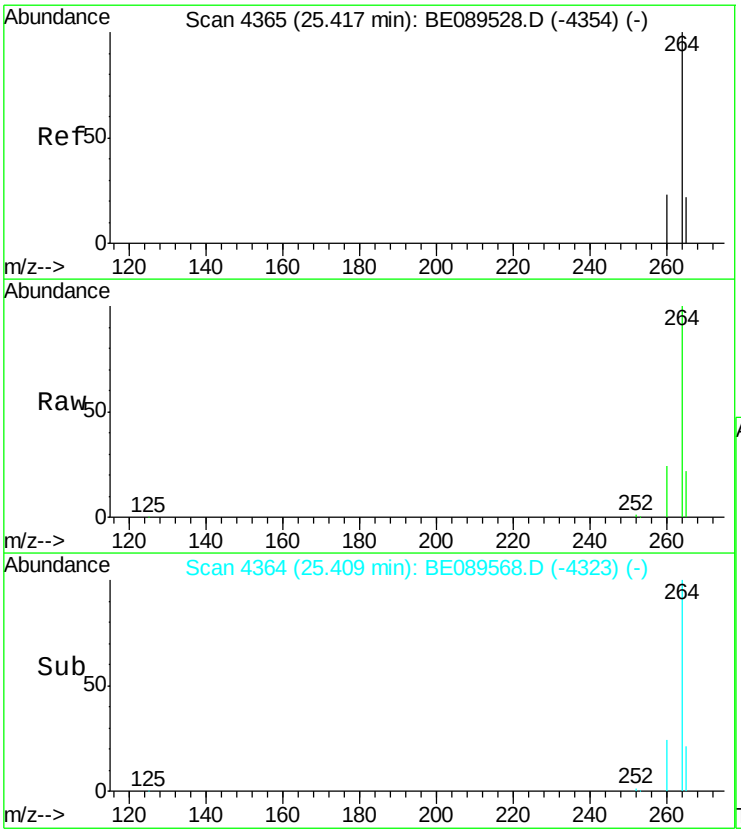
#21
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 26.84 min Scan# 4646
Delta R.T. -0.01 min
Lab File: BE089568.D
Acq: 7 Feb 2015 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 5132

Ion	Ratio	Lower	Upper
276	100		
138	30.3	23.0	34.4
277	28.4	19.9	29.9

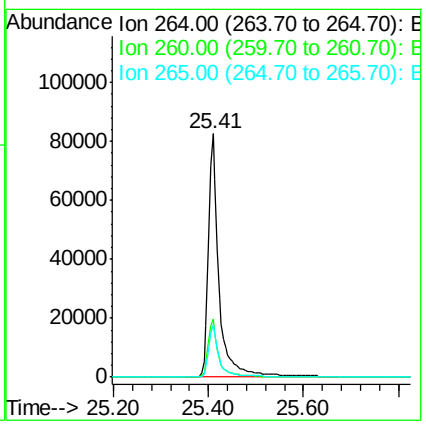


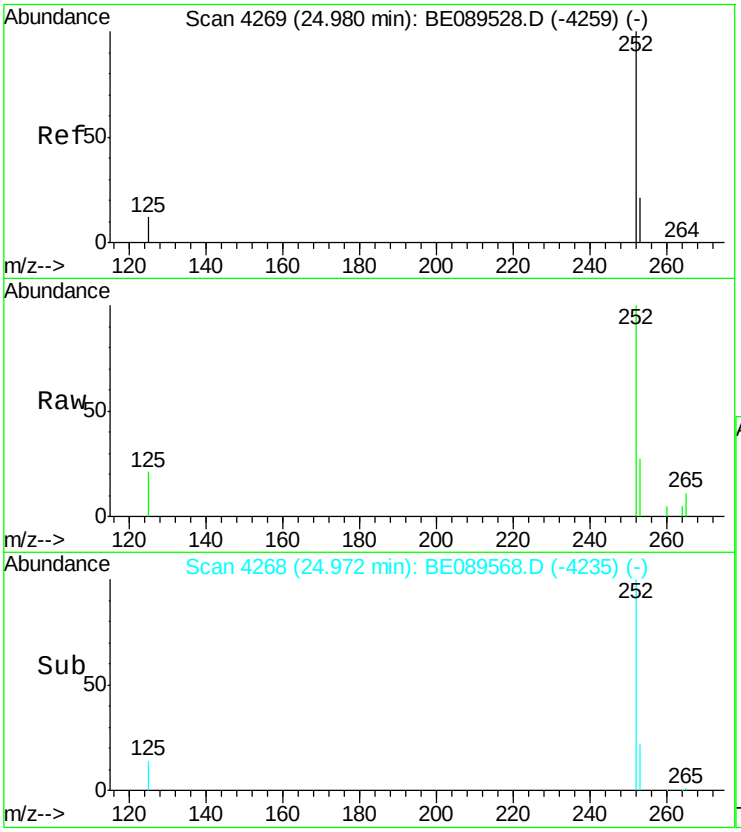


#22
Perylene-d12
Concen: 5.00 ng
RT: 25.41 min Scan# 4364
Delta R.T. -0.01 min
Lab File: BE089568.D
Acq: 7 Feb 2015 21:06

Tgt Ion:264 Resp: 127356

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.6	17.5	26.3



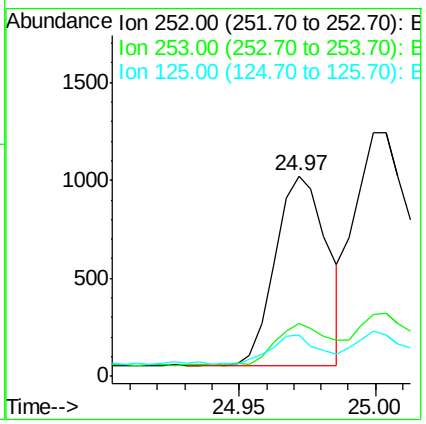


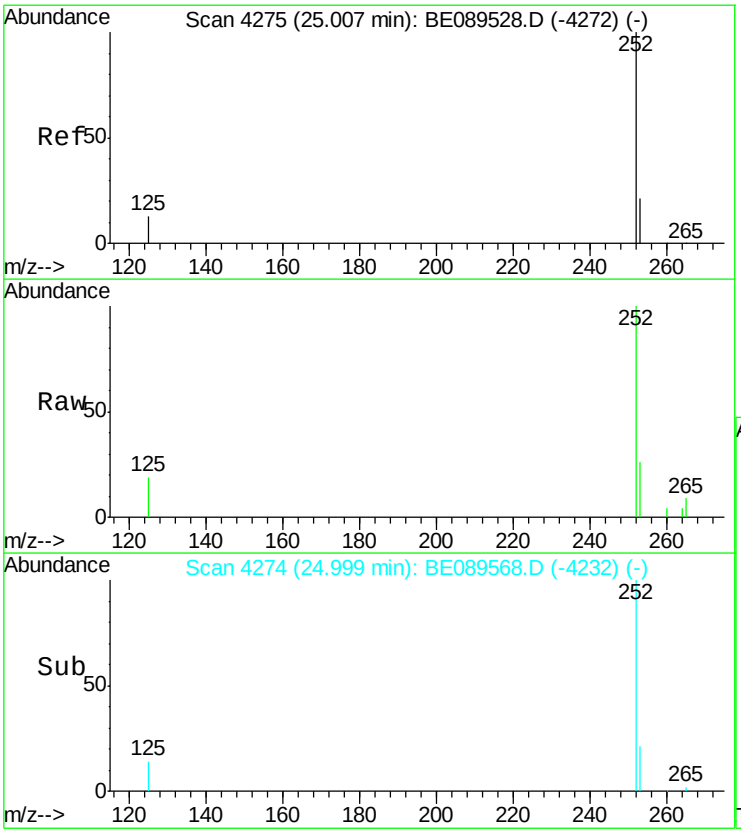
#23
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 24.97 min Scan# 4268
Delta R.T. -0.01 min
Lab File: BE089568.D
Acq: 7 Feb 2015 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1285

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.4	26.0#
125	20.6	10.4	15.6#

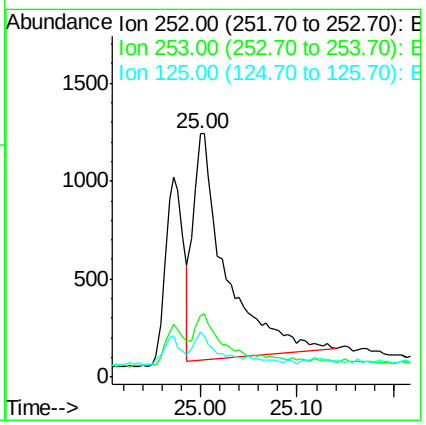


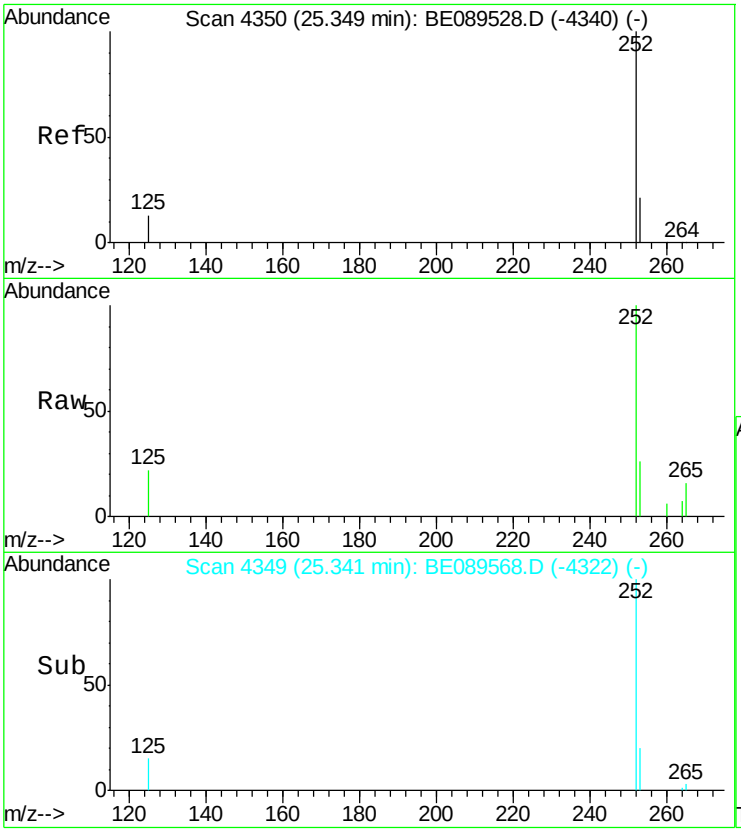


#24
Benzo(k)fluoranthene
Concen: 0.09 ng
RT: 25.00 min Scan# 4274
Delta R.T. -0.01 min
Lab File: BE089568.D
Acq: 7 Feb 2015 21:06

Tgt Ion:252 Resp: 2743

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.2	25.8
125	18.8	10.6	15.8#



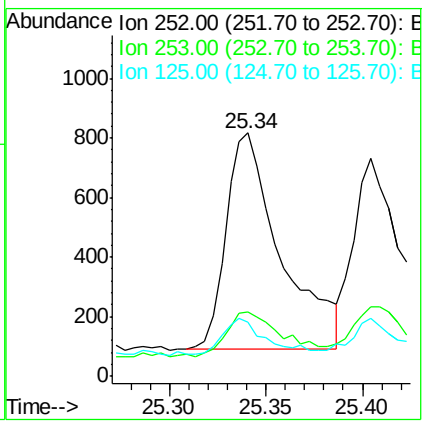


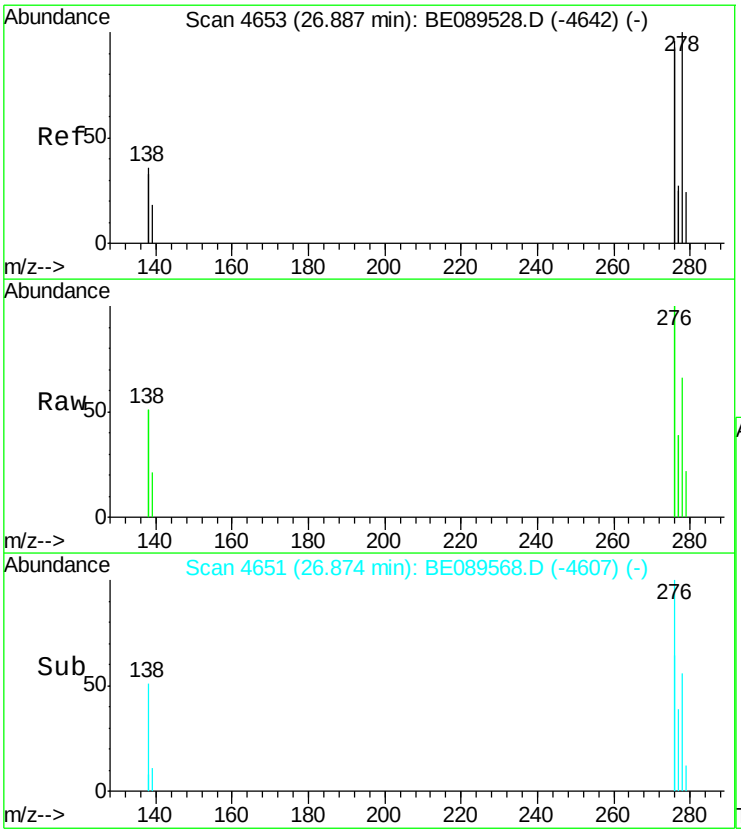
#25
Benzo(a)pyrene
Concen: 0.06 ng
RT: 25.34 min Scan# 4349
Delta R.T. -0.01 min
Lab File: BE089568.D
Acq: 7 Feb 2015 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1421

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.8	26.6
125	22.4	11.4	17.2#

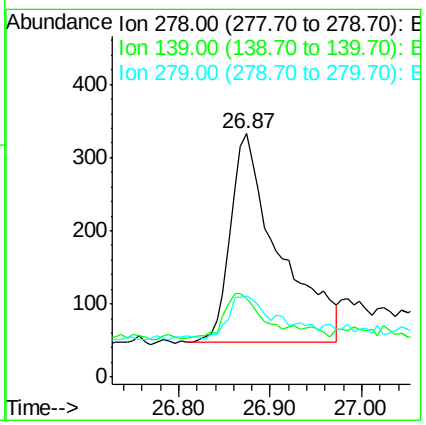


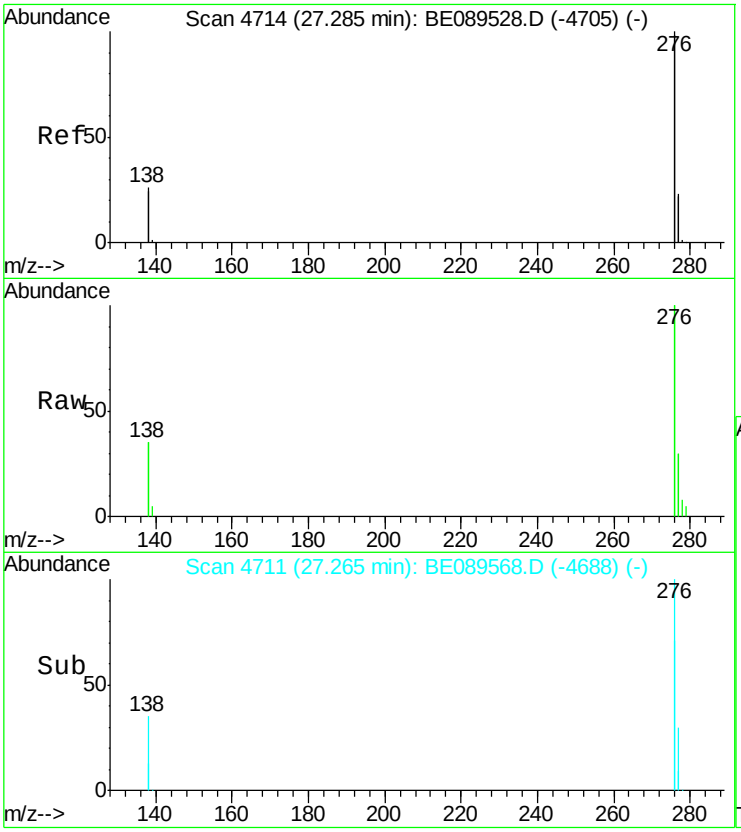


#26
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 26.87 min Scan# 4651
Delta R.T. -0.01 min
Lab File: BE089568.D
Acq: 7 Feb 2015 21:06

Tgt Ion:278 Resp: 1042

Ion	Ratio	Lower	Upper
278	100		
139	32.1	15.7	23.5#
279	33.3	19.5	29.3#





#27
Benzo(g,h,i)perylene
Concen: 0.07 ng
RT: 27.27 min Scan# 4711
Delta R.T. -0.02 min
Lab File: BE089568.D
Acq: 7 Feb 2015 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8017

Ion	Ratio	Lower	Upper
276	100		
277	29.7	18.6	27.8#
138	34.6	20.9	31.3#