Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
Data File : BE089580.D
Acq On : 8 Feb 2015 7:30
Operator : TP/IZ
Sample : MDL-01-S
Misc : MDL-SOIL-0.2/0.4
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Feb 09 00:27:56 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	44425	5.00	ng		0.00
2) Naphthalene-d8	12.33	136	189846	5.00	ng		0.00
6) Acenaphthene-d10	16.51	164	103796	5.00	ng		0.00
11) Phenanthrene-d10	19.84	188	177508	5.00	ng		0.00
16) Chrysene-d12	23.72	240	160076	5.00	ng		0.00
22) Perylene-d12	25.41	264	149087	5.00	ng		-0.01
System Monitoring Compounds							
3) Nitrobenzene-d5	10.69	82	126562	10.04	ng		0.00
7) 2-Fluorobiphenyl	14.96	172	228662	8.26	ng		0.00
18) Terphenyl-d14	22.36	244	241482	11.44	ng		0.00
Target Compounds							Qvalue
4) Naphthalene	12.38	128	6086	0.14	ng		100
5) 2-Methylnaphthalene	14.03	142	3530	0.15	ng	#	94
8) Acenaphthylene	16.16	152	19660	0.11	ng		99
9) Acenaphthene	16.58	154	3352	0.12	ng		92
10) Fluorene	17.83	166	3735	0.13	ng		96
12) Pentachlorophenol	19.52	266	135	0.63	ng		96
13) Phenanthrene	19.89	178	6087	0.14	ng		97
14) Anthracene	19.98	178	5002	0.13	ng		99
15) Fluoranthene	21.79	202	4683	0.11	ng		97
17) Pyrene	22.10	202	5083	0.15	ng		98
19) Benzo(a)anthracene	23.70	228	17759	0.12	ng		96
20) Chrysene	23.75	228	21704	0.15	ng		98
21) Indeno(1,2,3-cd)pyrene	26.84	276	11673	0.06	ng		91
23) Benzo(b)fluoranthene	24.97	252	2267	0.08	ng		95
24) Benzo(k)fluoranthene	25.00	252	3839	0.11	ng		97
25) Benzo(a)pyrene	25.34	252	2304	0.08	ng	#	94
26) Dibenzo(a,h)anthracene	26.87	278	2280	0.06	ng	#	87
27) Benzo(g,h,i)perylene	27.27	276	13230	0.09	ng	#	94

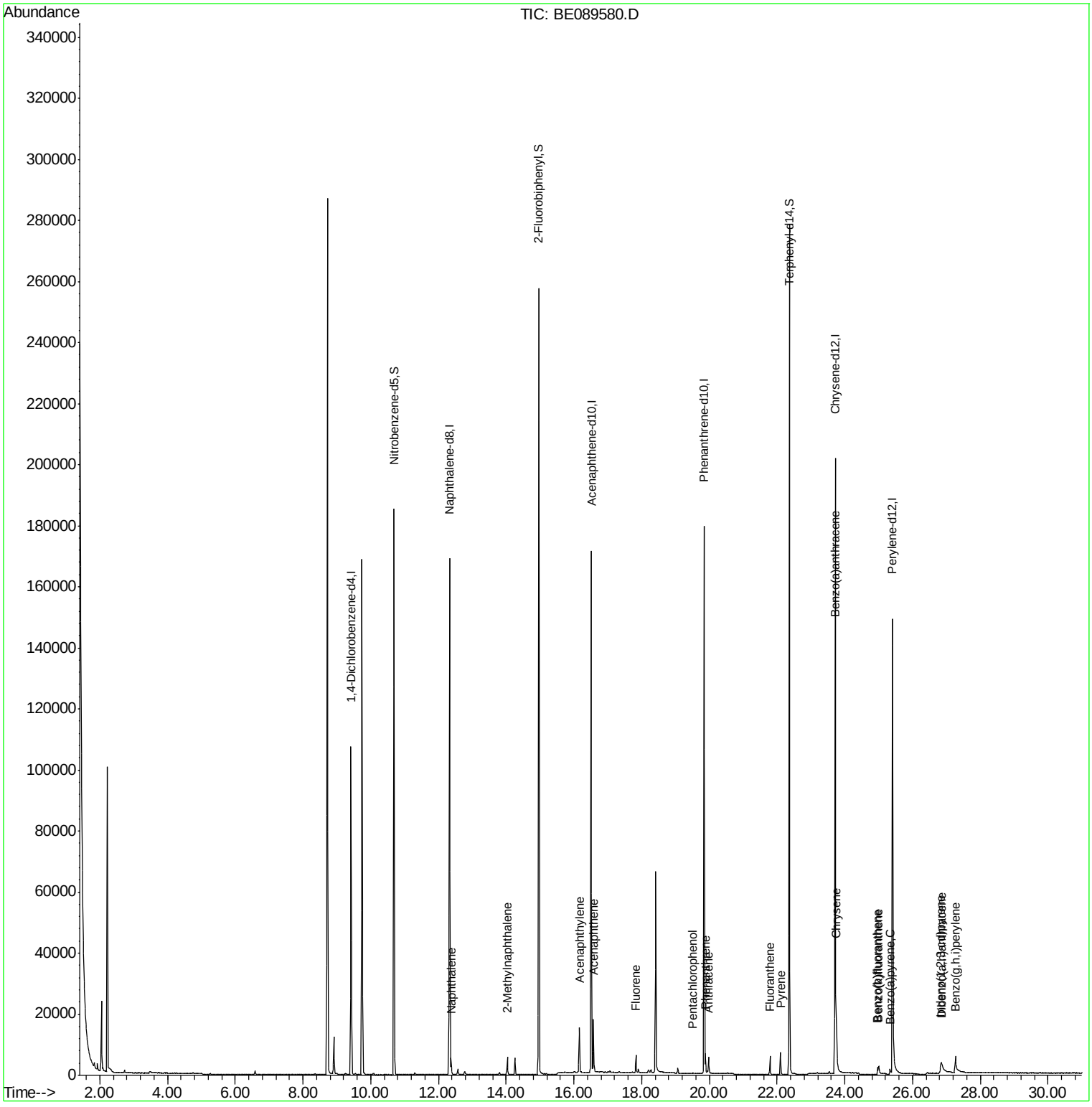
(#) = qualifier out of range (m) = manual integration (+) = signals summed

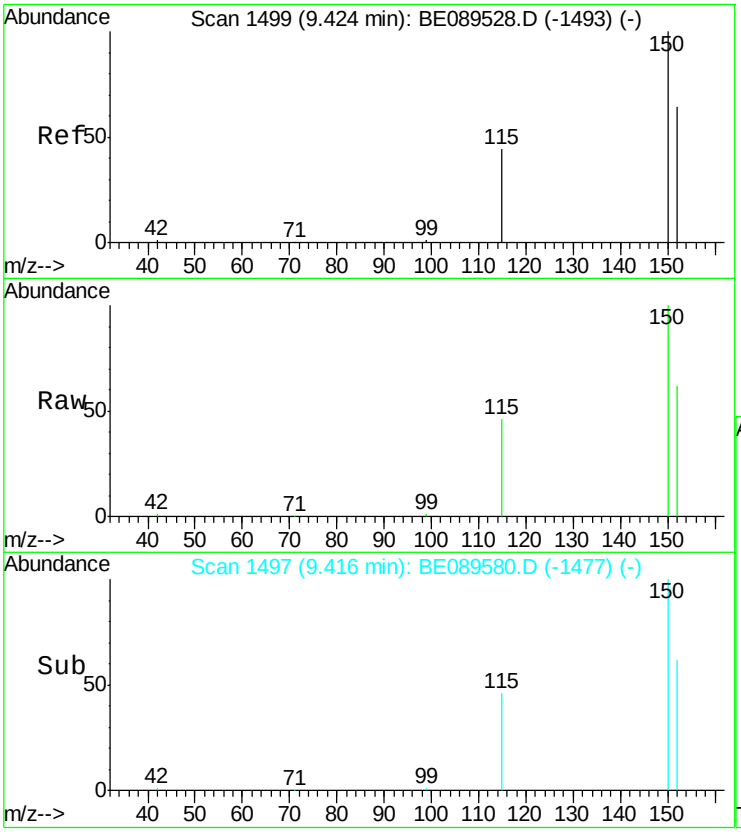
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
Data File : BE089580.D
Acq On : 8 Feb 2015 7:30
Operator : TP/IZ
Sample : MDL-01-S
Misc : MDL-SOIL-0.2/0.4
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 09 00:27:56 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



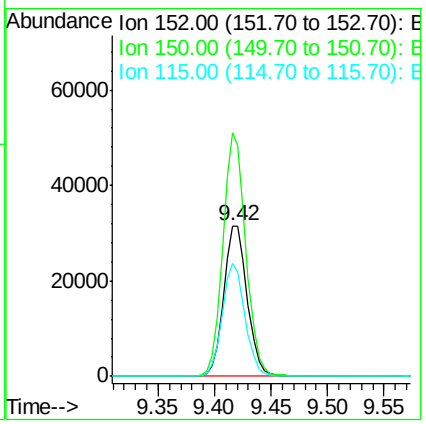


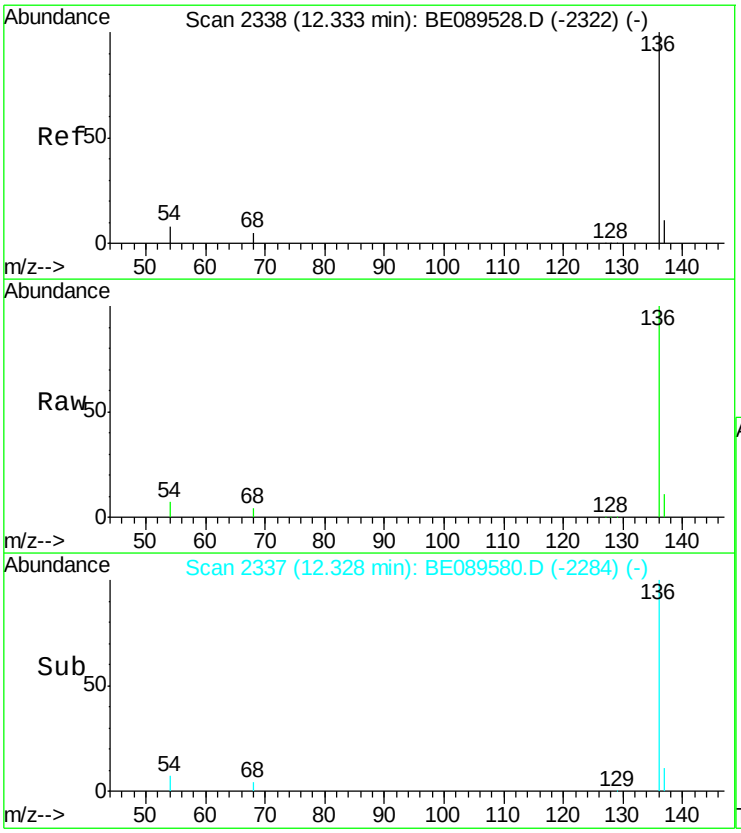
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.42 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BE089580.D
Acq: 8 Feb 2015 7:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 44425

Ion	Ratio	Lower	Upper
152	100		
150	161.4	125.7	188.5
115	74.9	55.6	83.4

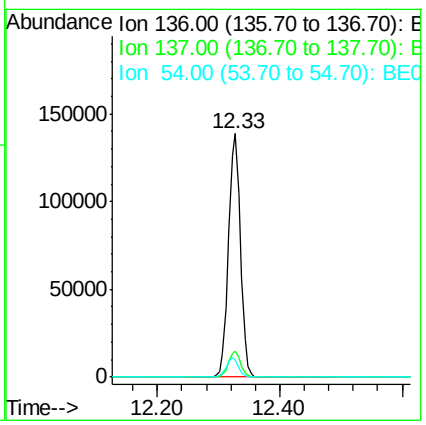


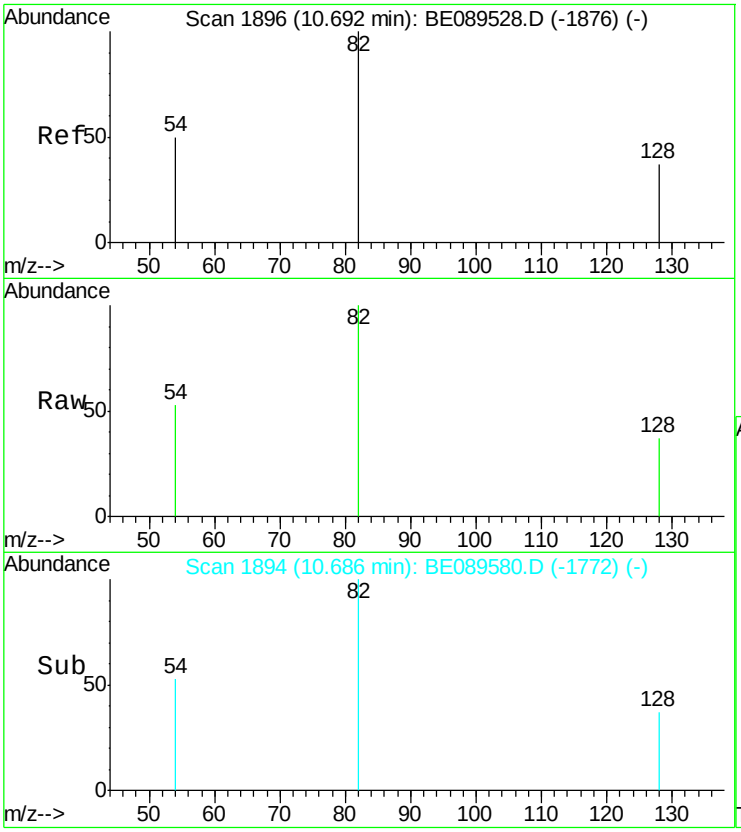


#2
Naphthalene-d8
Concen: 5.00 ng
RT: 12.33 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BE089580.D
Acq: 8 Feb 2015 7:30

Tgt Ion:136 Resp: 189846

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.8	6.1	9.1



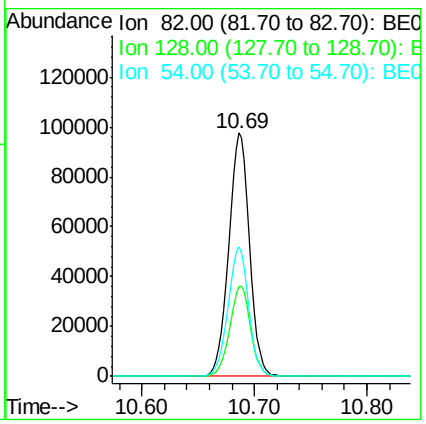


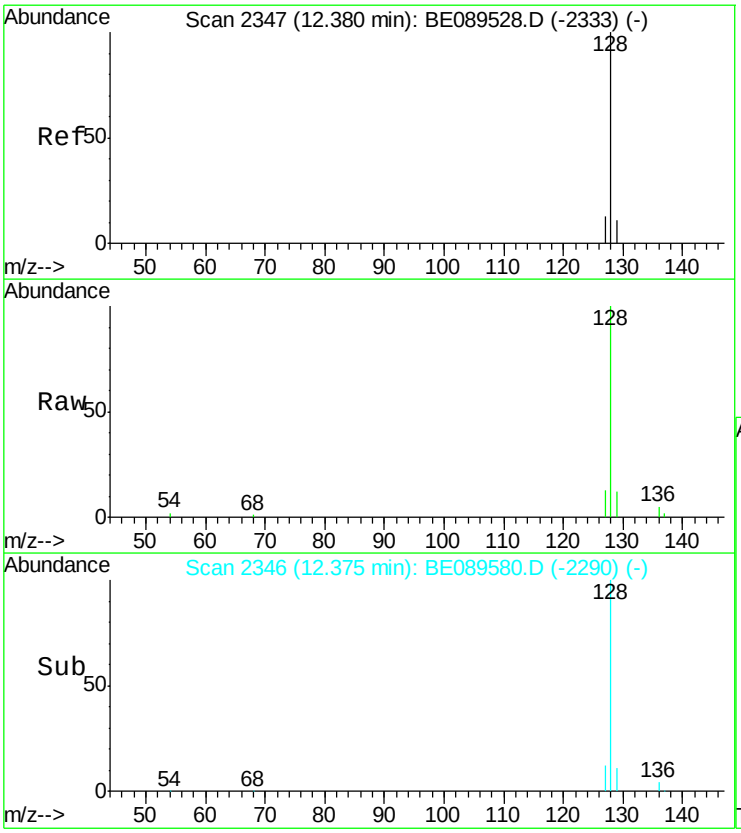
#3
Nitrobenzene-d5
Concen: 10.04 ng
RT: 10.69 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BE089580.D
Acq: 8 Feb 2015 7:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 126562

Ion	Ratio	Lower	Upper
82	100		
128	36.9	30.2	45.4
54	53.1	40.6	60.8

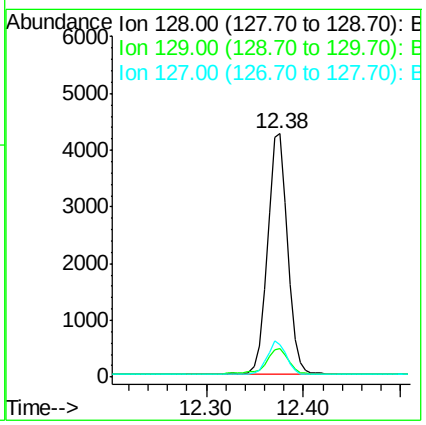


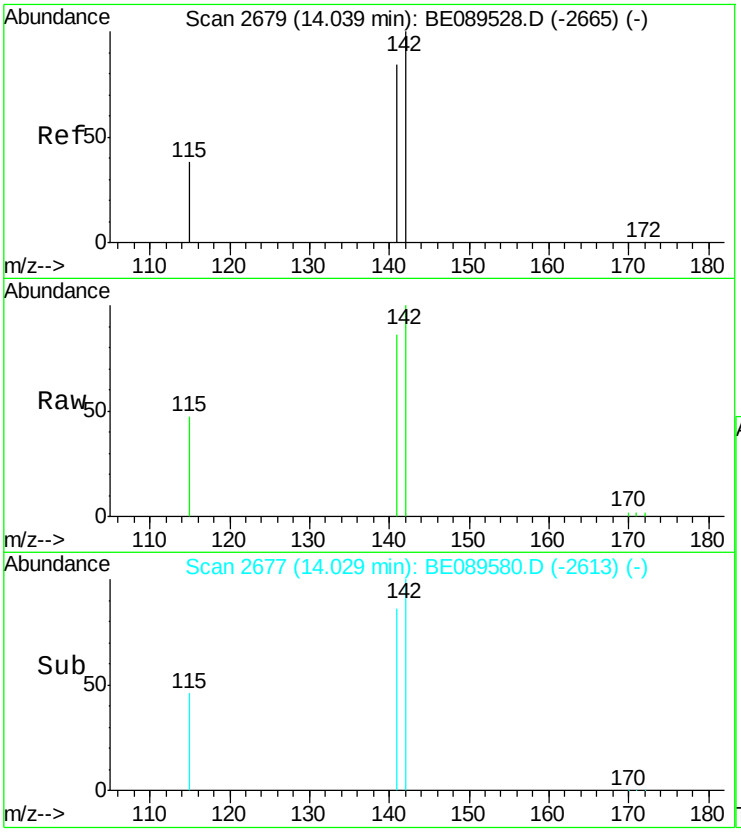


#4
Naphthalene
Concen: 0.14 ng
RT: 12.38 min Scan# 2346
Delta R.T. -0.01 min
Lab File: BE089580.D
Acq: 8 Feb 2015 7:30

Tgt Ion:128 Resp: 6086

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.2	10.5	15.7



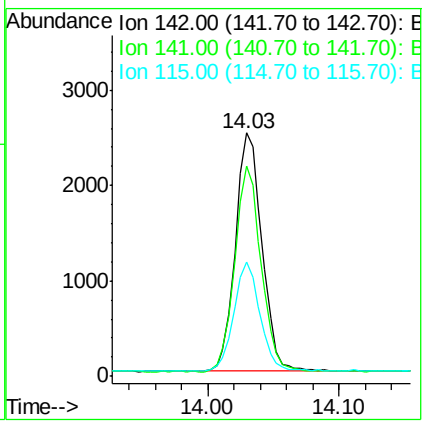


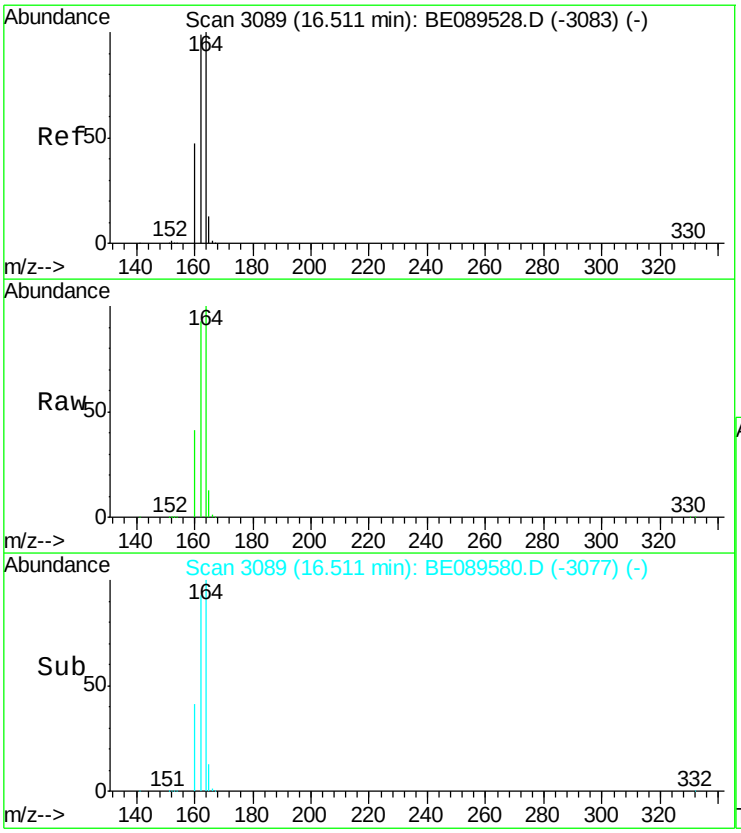
#5
2-Methylnaphthalene
Concen: 0.15 ng
RT: 14.03 min Scan# 2677
Delta R.T. -0.01 min
Lab File: BE089580.D
Acq: 8 Feb 2015 7:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 3530

Ion	Ratio	Lower	Upper
142	100		
141	86.3	67.0	100.6
115	46.7	30.6	45.8#

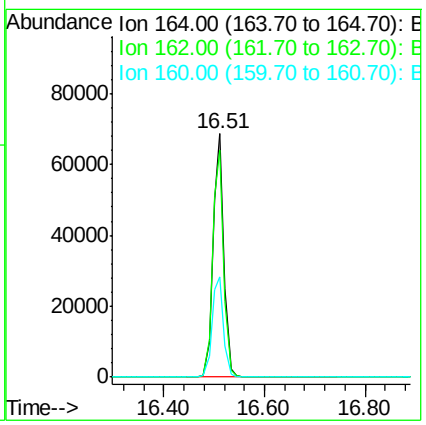


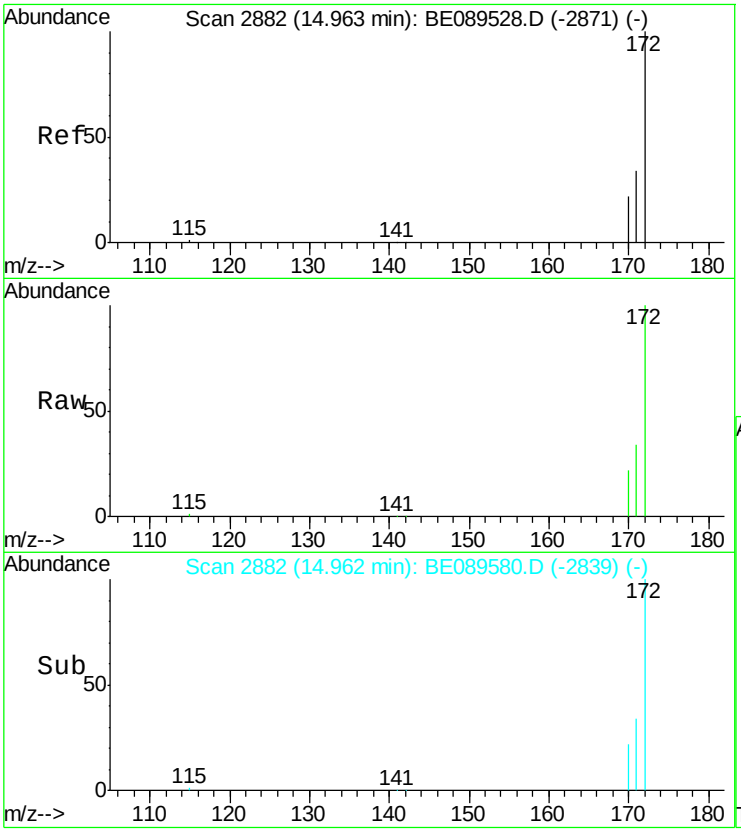


#6
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.51 min Scan# 3089
Delta R.T. 0.00 min
Lab File: BE089580.D
Acq: 8 Feb 2015 7:30

Tgt Ion:164 Resp: 103796

Ion	Ratio	Lower	Upper
164	100		
162	93.4	79.5	119.3
160	41.4	37.6	56.4



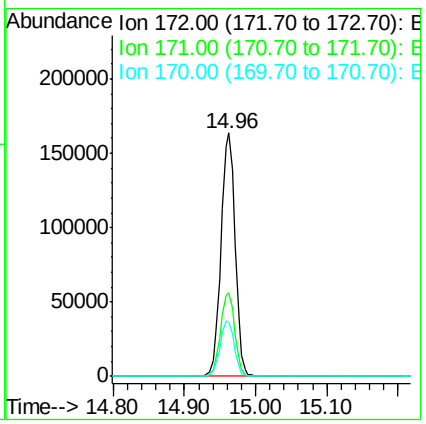


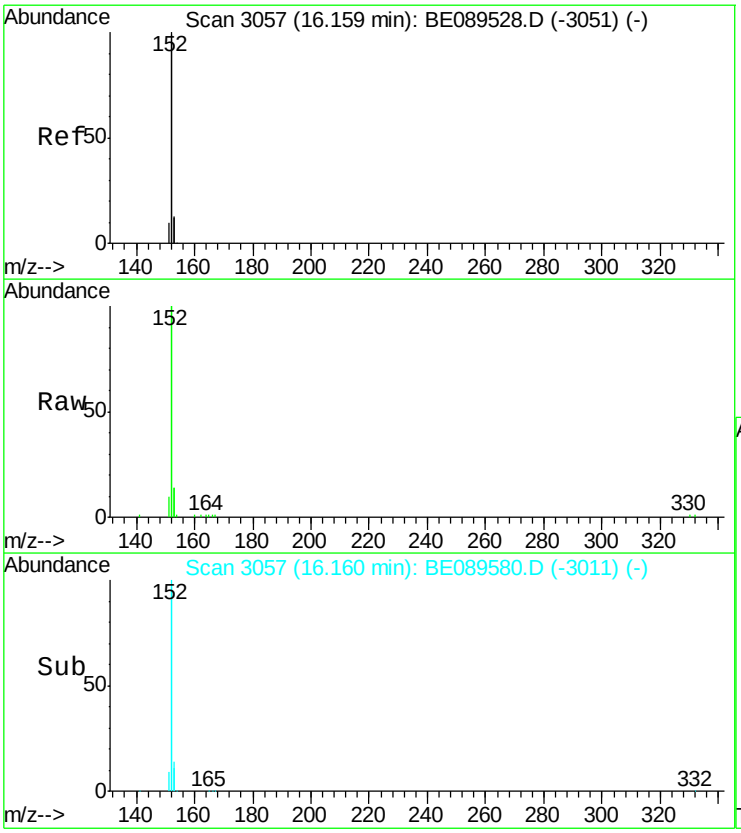
#7
2-Fluorobiphenyl
Concen: 8.26 ng
RT: 14.96 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BE089580.D
Acq: 8 Feb 2015 7:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 228662

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.7	41.5
170	22.3	18.3	27.5

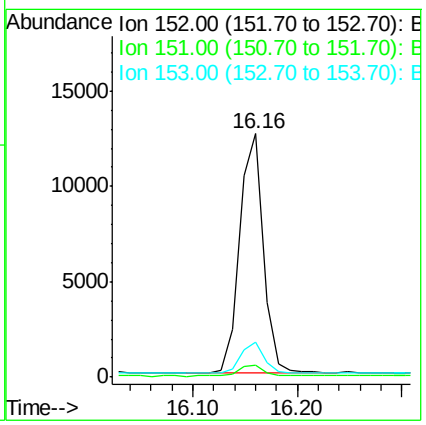


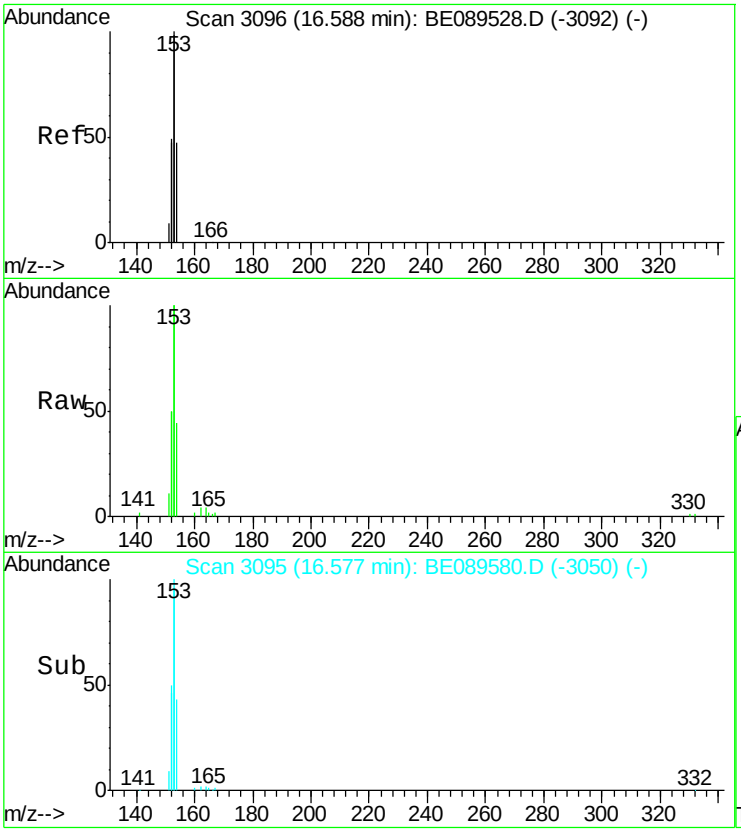


#8
Acenaphthylene
Concen: 0.11 ng
RT: 16.16 min Scan# 3057
Delta R.T. 0.00 min
Lab File: BE089580.D
Acq: 8 Feb 2015 7:30

Tgt Ion:152 Resp: 19660

Ion	Ratio	Lower	Upper
152	100		
151	4.9	4.0	6.0
153	12.9	10.6	15.8



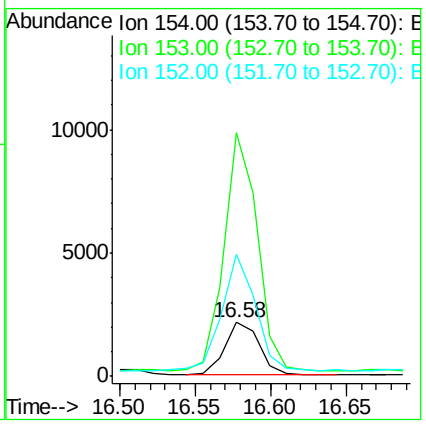


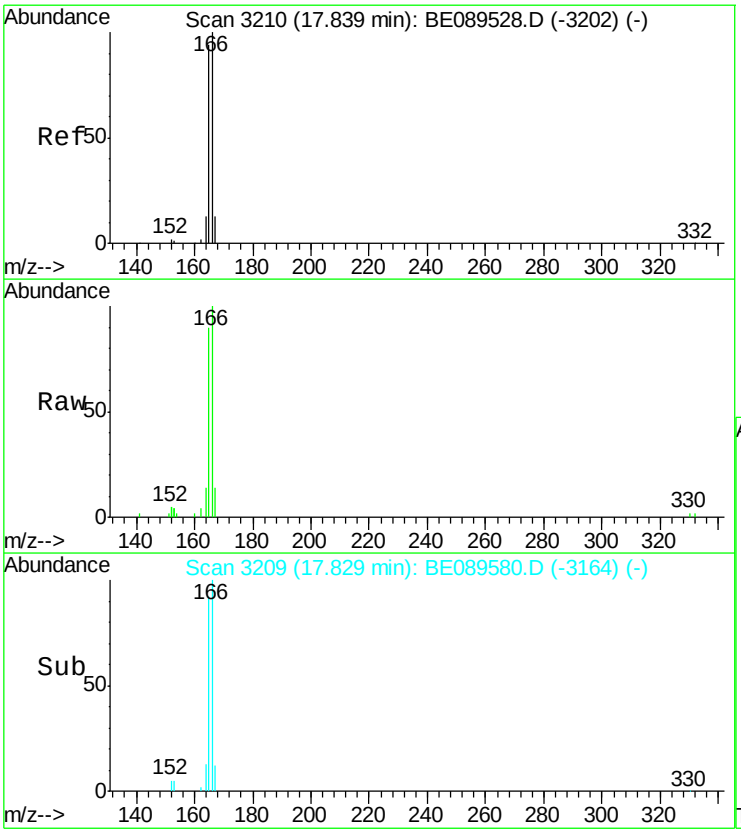
#9
Acenaphthene
Concen: 0.12 ng
RT: 16.58 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BE089580.D
Acq: 8 Feb 2015 7:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3352

Ion	Ratio	Lower	Upper
154	100		
153	444.0	340.8	511.2
152	222.4	165.5	248.3

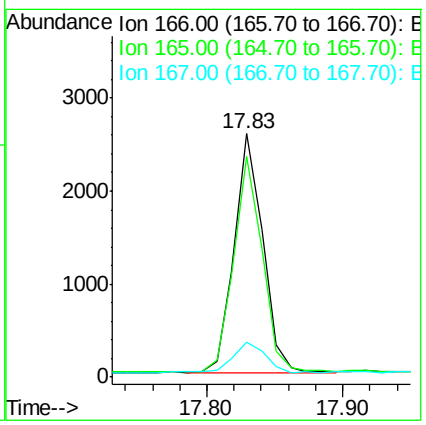


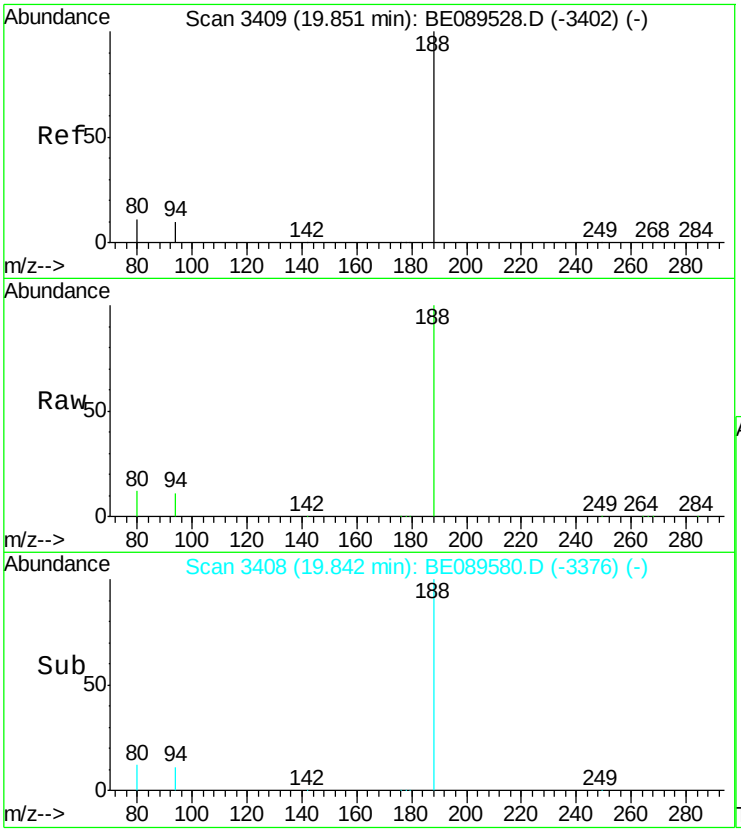


#10
Fluorene
Concen: 0.13 ng
RT: 17.83 min Scan# 3209
Delta R.T. -0.01 min
Lab File: BE089580.D
Acq: 8 Feb 2015 7:30

Tgt Ion:166 Resp: 3735

Ion	Ratio	Lower	Upper
166	100		
165	89.7	75.5	113.3
167	14.2	10.9	16.3



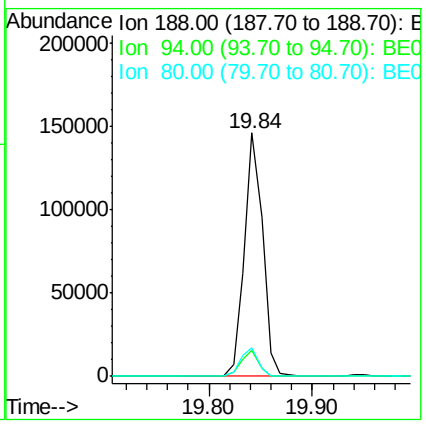


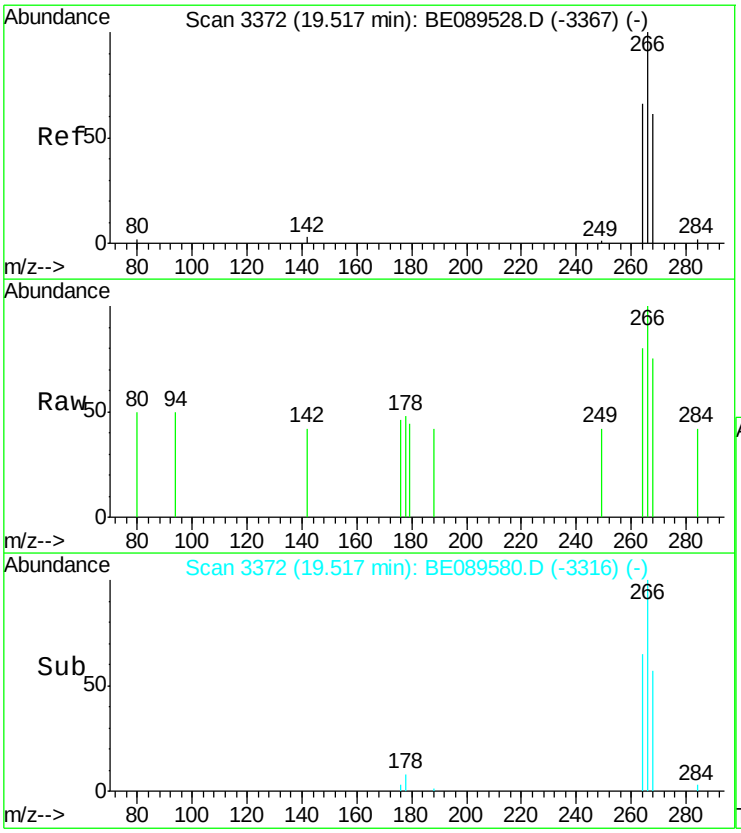
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.84 min Scan# 3408
Delta R.T. -0.01 min
Lab File: BE089580.D
Acq: 8 Feb 2015 7:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 177508

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.4	12.6
80	11.7	8.6	12.8

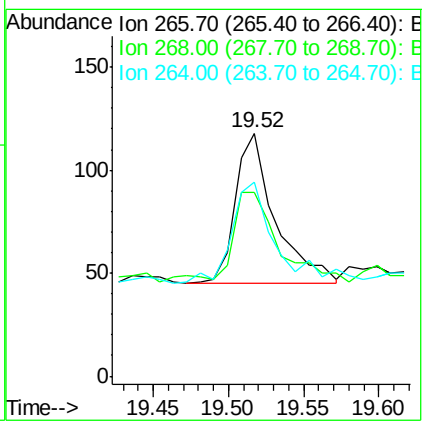


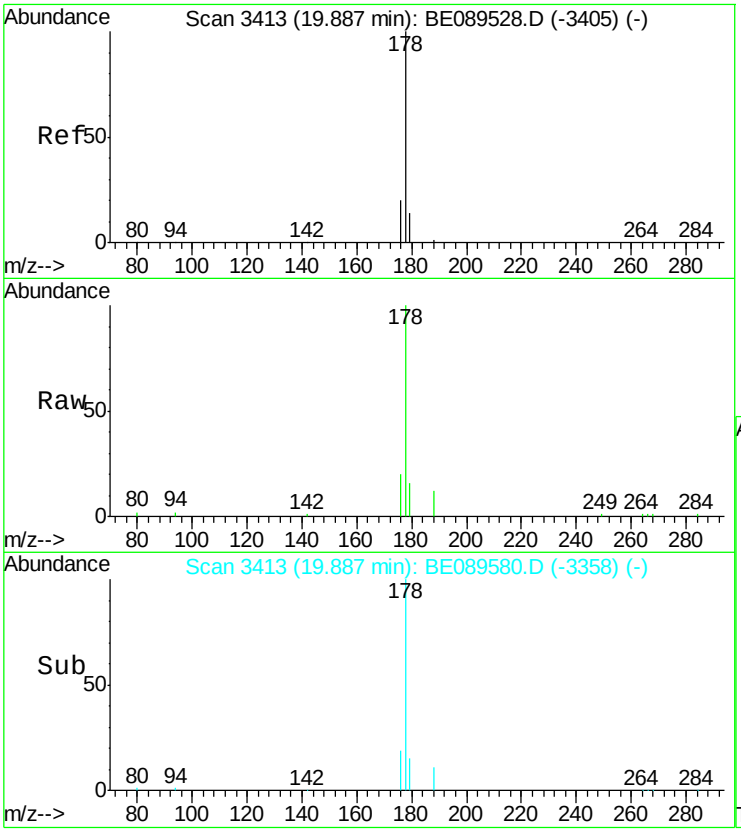


#12
Pentachlorophenol
Concen: 0.63 ng
RT: 19.52 min Scan# 3372
Delta R.T. 0.00 min
Lab File: BE089580.D
Acq: 8 Feb 2015 7:30

Tgt Ion:266 Resp: 135

Ion	Ratio	Lower	Upper
266	100		
268	75.4	57.9	86.9
264	79.7	60.2	90.4



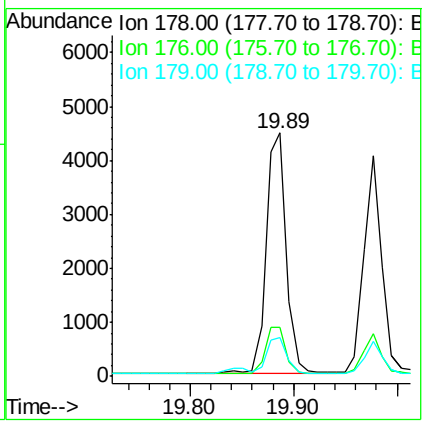


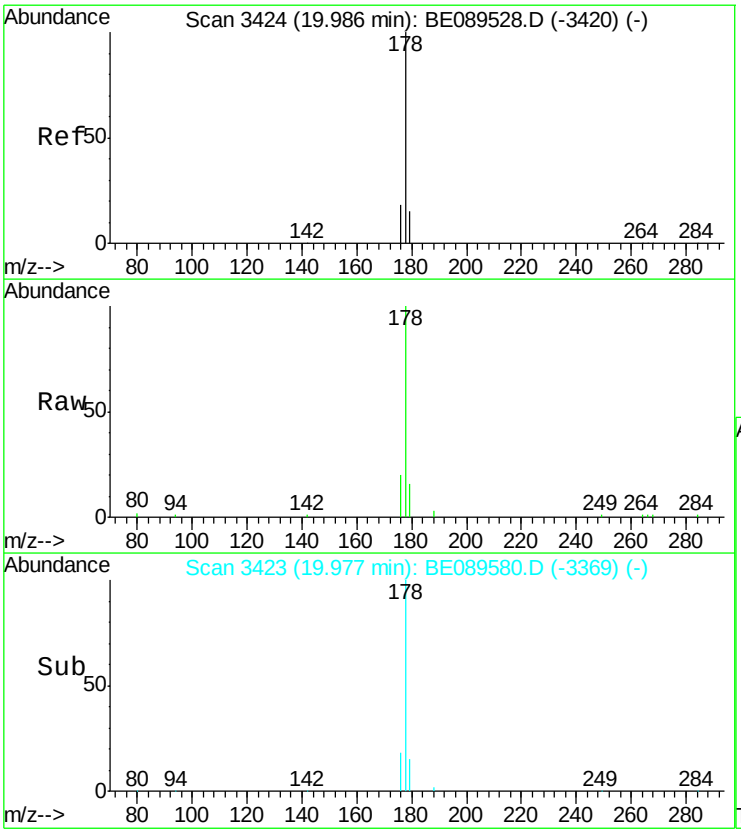
#13
Phenanthrene
Concen: 0.14 ng
RT: 19.89 min Scan# 3413
Delta R.T. 0.00 min
Lab File: BE089580.D
Acq: 8 Feb 2015 7:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 6087

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.0
179	17.6	12.2	18.2

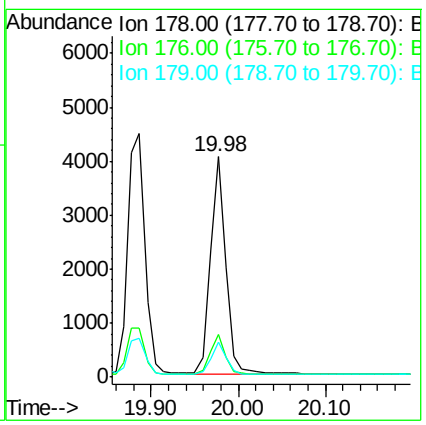


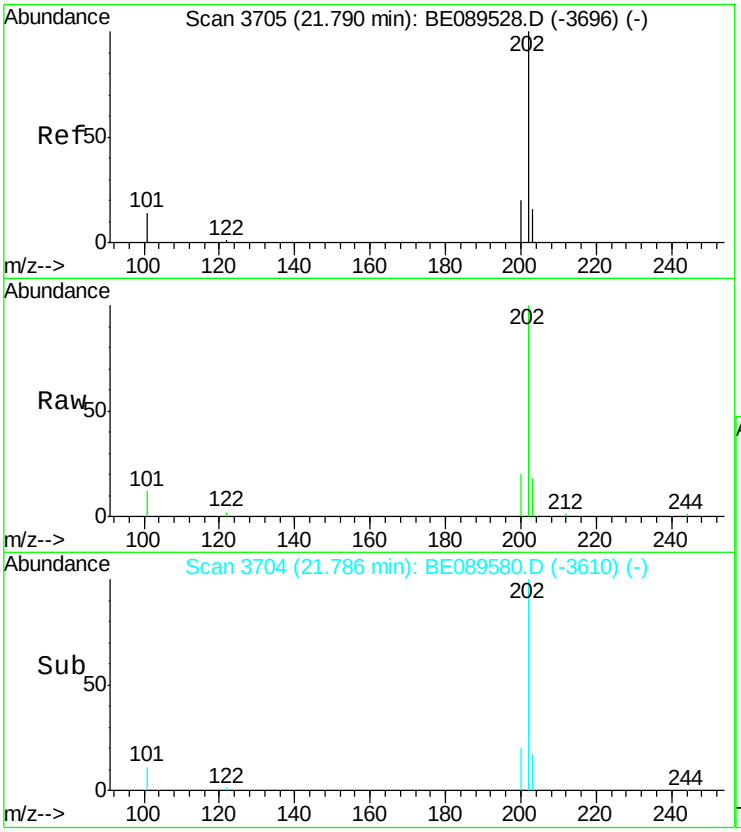


#14
Anthracene
Concen: 0.13 ng
RT: 19.98 min Scan# 3423
Delta R.T. -0.01 min
Lab File: BE089580.D
Acq: 8 Feb 2015 7:30

Tgt Ion:178 Resp: 5002

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.5	21.7
179	14.7	12.2	18.2



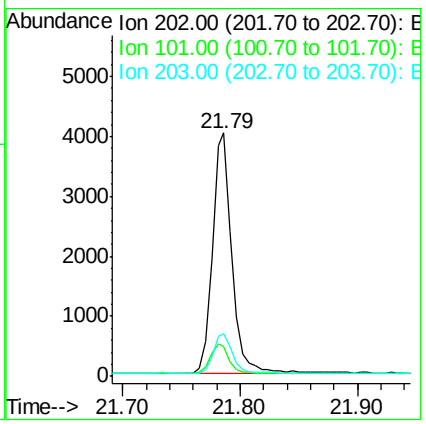


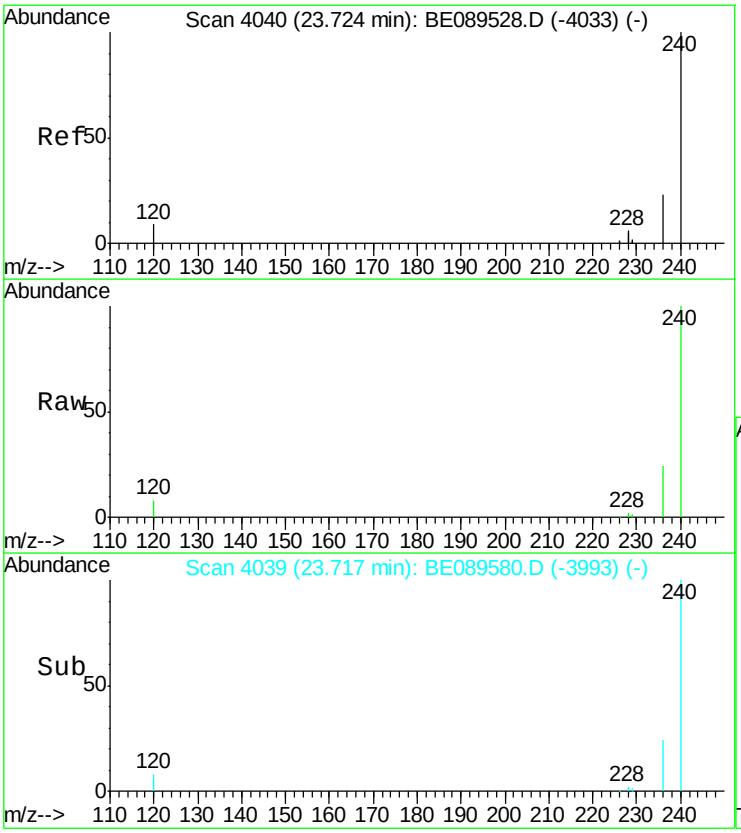
#15
Fluoranthene
Concen: 0.11 ng
RT: 21.79 min Scan# 3704
Delta R.T. -0.00 min
Lab File: BE089580.D
Acq: 8 Feb 2015 7:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 4683

Ion	Ratio	Lower	Upper
202	100		
101	12.0	11.6	17.4
203	16.7	13.6	20.4

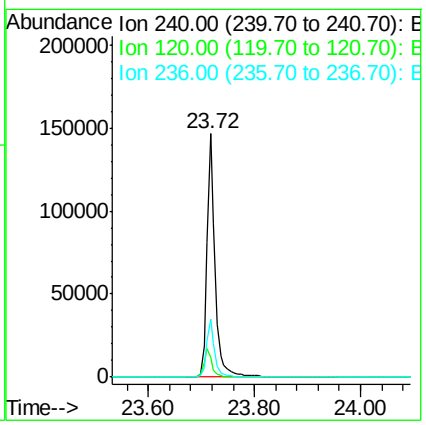


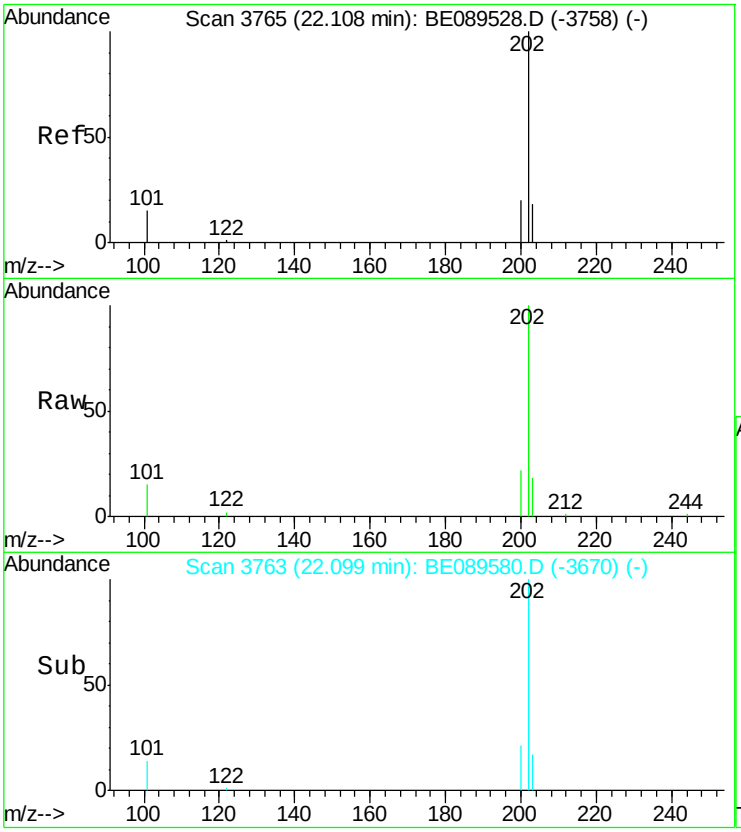


#16
Chrysene-d12
Concen: 5.00 ng
RT: 23.72 min Scan# 4039
Delta R.T. -0.01 min
Lab File: BE089580.D
Acq: 8 Feb 2015 7:30

Tgt Ion:240 Resp: 160076

Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.2	10.8
236	23.9	18.5	27.7



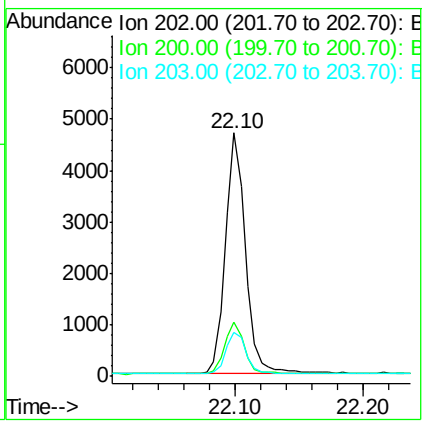


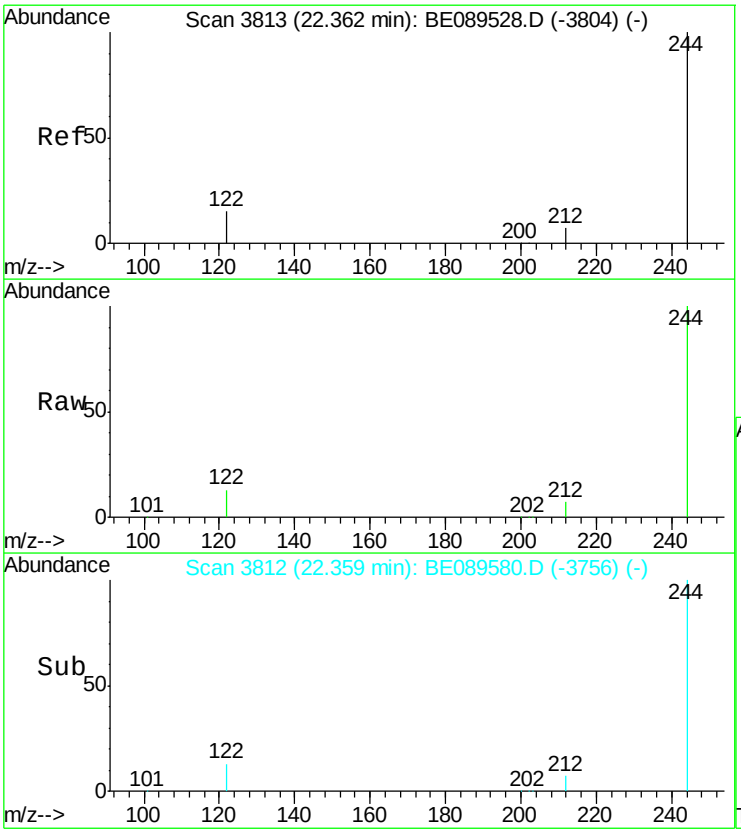
#17
Pyrene
Concen: 0.15 ng
RT: 22.10 min Scan# 3763
Delta R.T. -0.01 min
Lab File: BE089580.D
Acq: 8 Feb 2015 7:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 5083

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.3	24.5
203	18.0	13.5	20.3

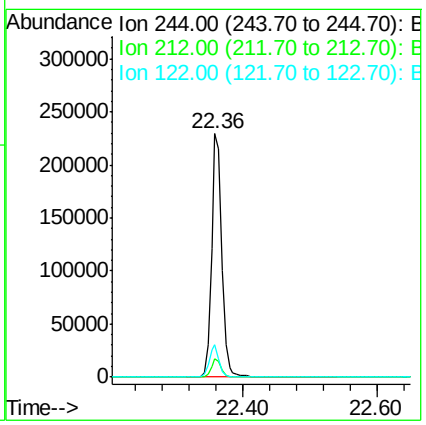


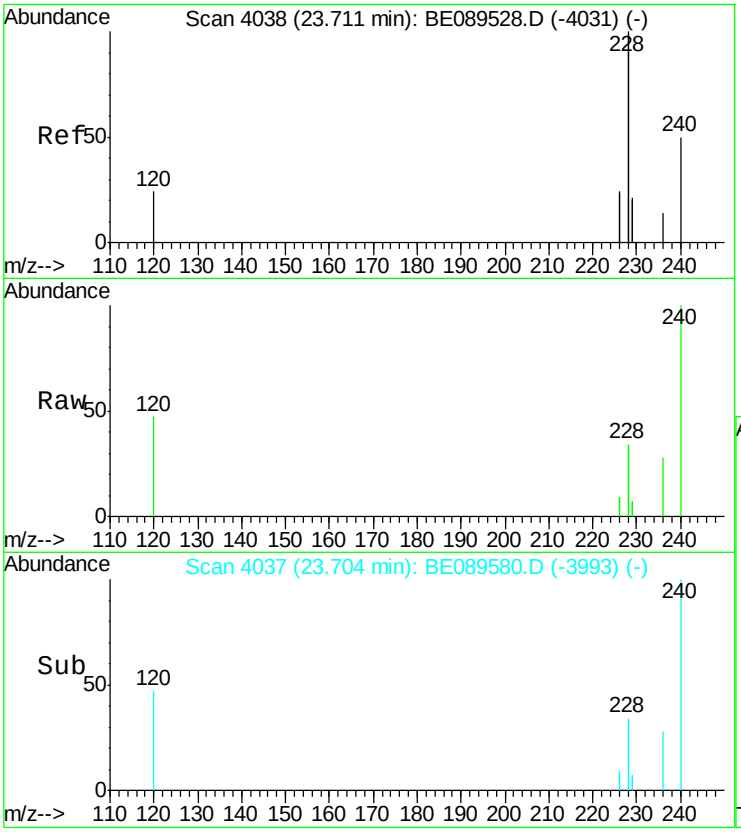


#18
Terphenyl-d14
Concen: 11.44 ng
RT: 22.36 min Scan# 3812
Delta R.T. -0.00 min
Lab File: BE089580.D
Acq: 8 Feb 2015 7:30

Tgt Ion:244 Resp: 241482

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	13.2	12.6	19.0



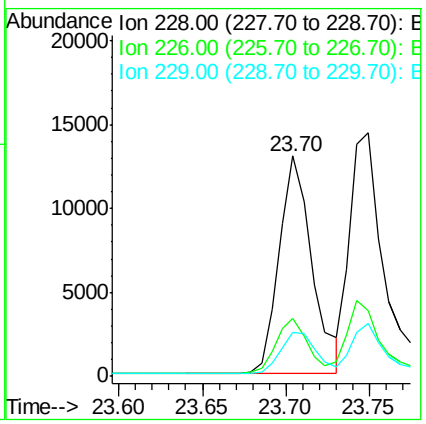


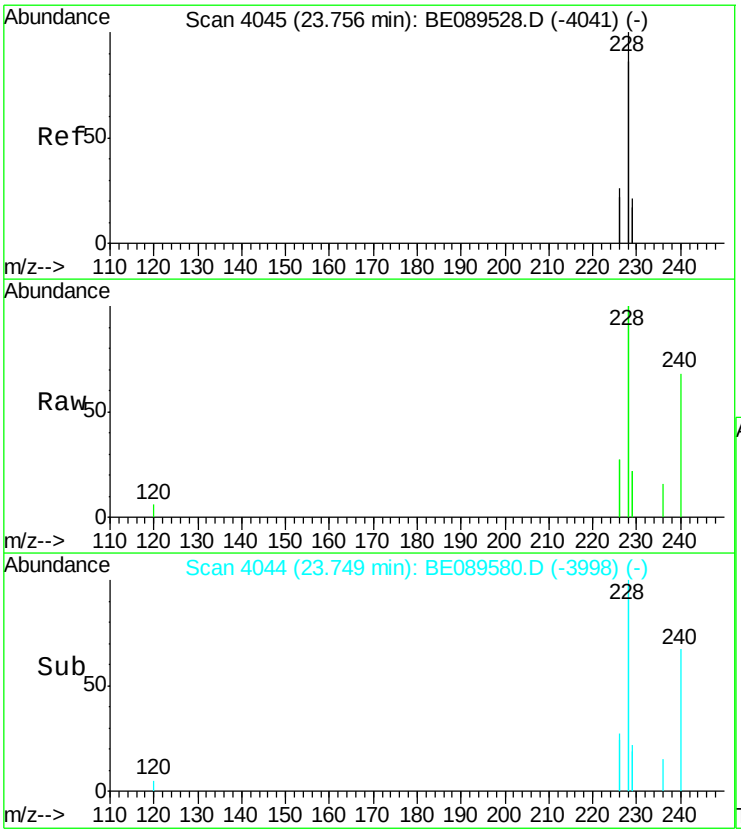
#19
Benzo(a)anthracene
Concen: 0.12 ng
RT: 23.70 min Scan# 4037
Delta R.T. -0.01 min
Lab File: BE089580.D
Acq: 8 Feb 2015 7:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 17759

Ion	Ratio	Lower	Upper
228	100		
226	26.5	19.0	28.4
229	19.9	16.8	25.2

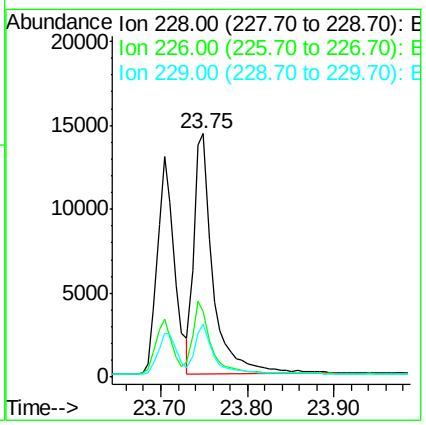


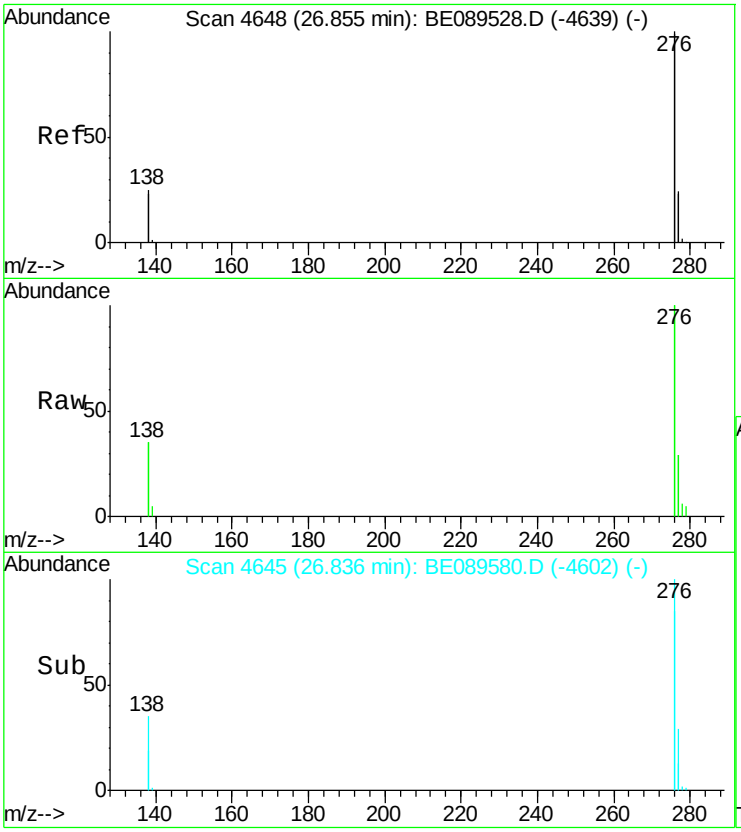


#20
Chrysene
Concen: 0.15 ng
RT: 23.75 min Scan# 4044
Delta R.T. -0.01 min
Lab File: BE089580.D
Acq: 8 Feb 2015 7:30

Tgt Ion:228 Resp: 21704

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.0	31.4
229	21.7	16.7	25.1



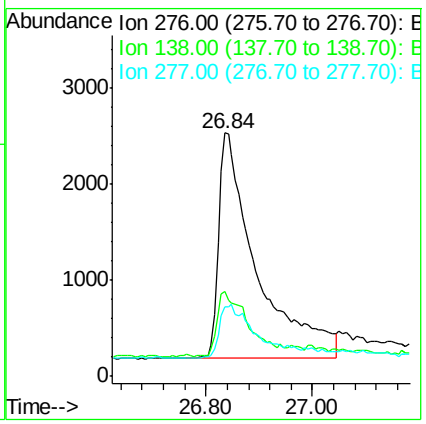


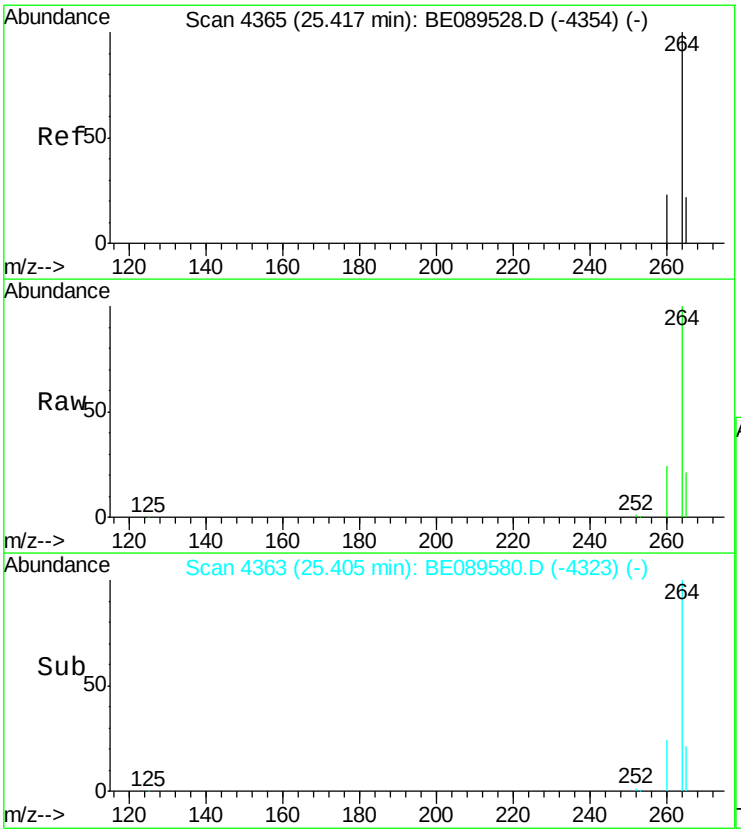
#21
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng
RT: 26.84 min Scan# 4645
Delta R.T. -0.02 min
Lab File: BE089580.D
Acq: 8 Feb 2015 7:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 11673

Ion	Ratio	Lower	Upper
276	100		
138	23.0	23.0	34.4
277	21.4	19.9	29.9

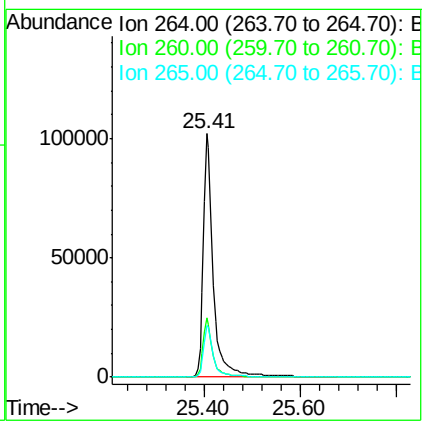


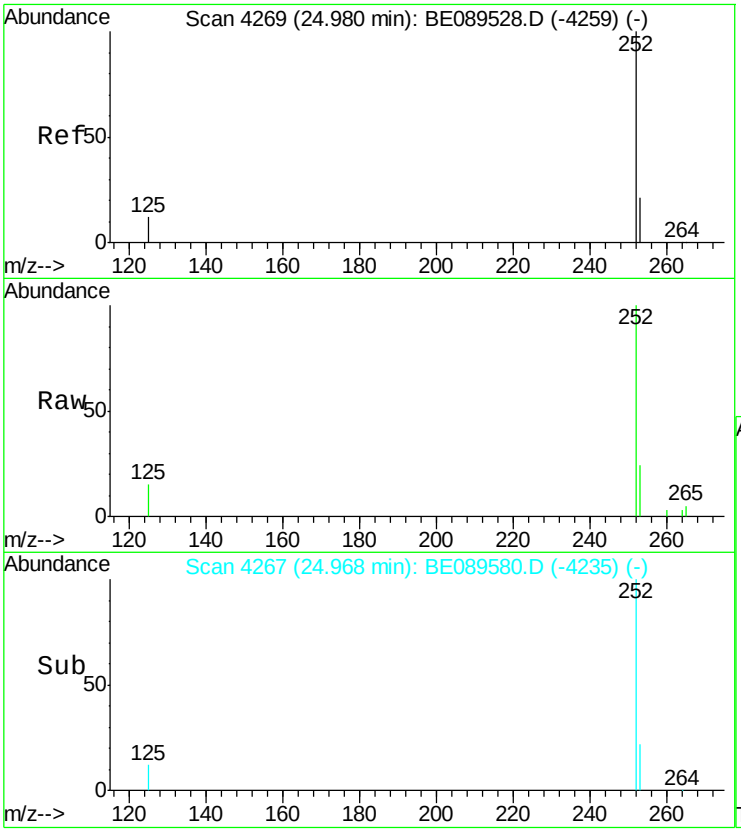


#22
Perylene-d12
Concen: 5.00 ng
RT: 25.41 min Scan# 4363
Delta R.T. -0.01 min
Lab File: BE089580.D
Acq: 8 Feb 2015 7:30

Tgt Ion:264 Resp: 149087

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.1	17.5	26.3



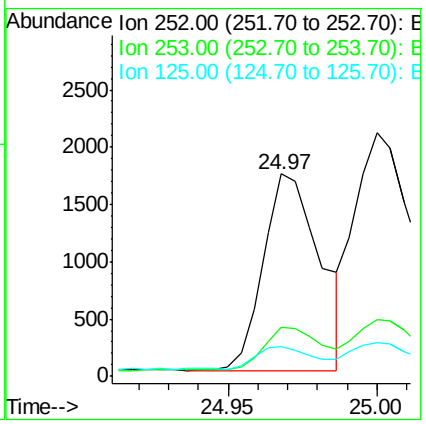


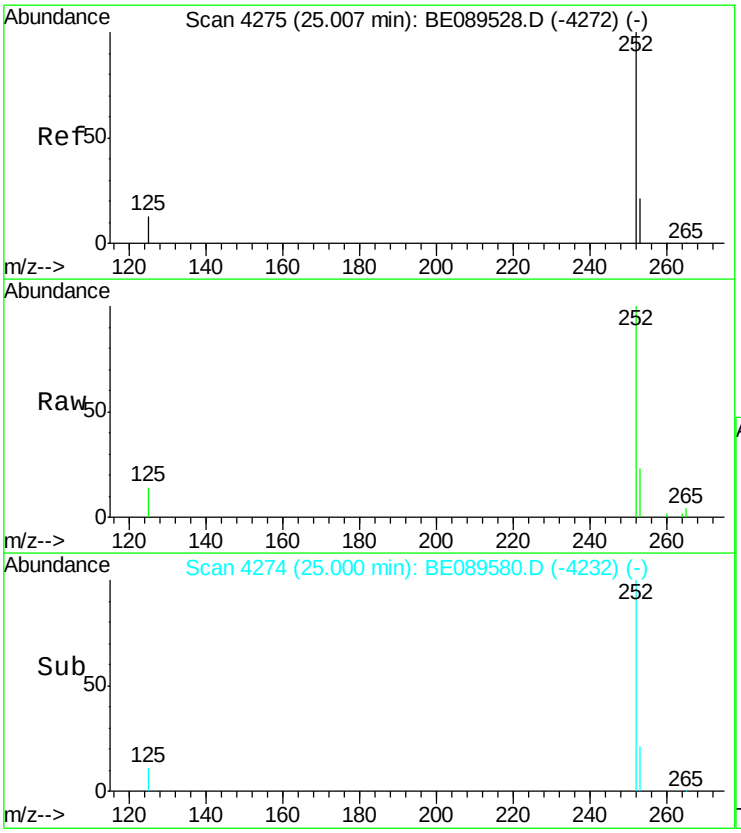
#23
Benzo(b)fluoranthene
Concen: 0.08 ng
RT: 24.97 min Scan# 4267
Delta R.T. -0.01 min
Lab File: BE089580.D
Acq: 8 Feb 2015 7:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2267

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.4	26.0
125	14.9	10.4	15.6

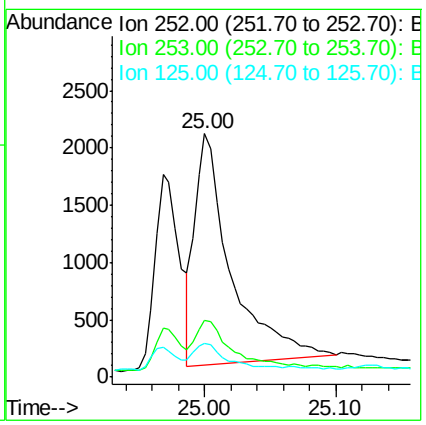


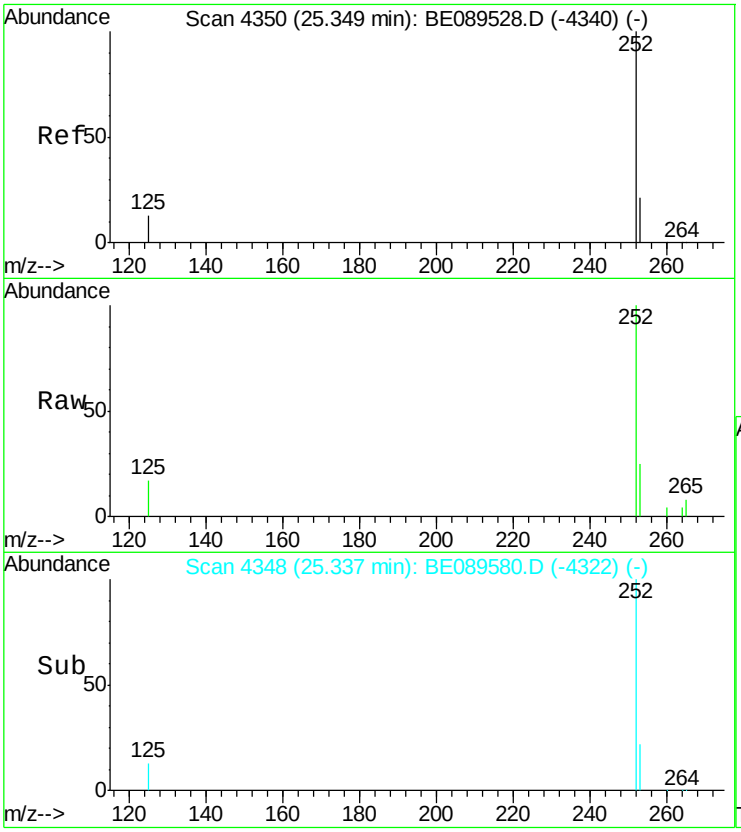


#24
Benzo(k)fluoranthene
Concen: 0.11 ng
RT: 25.00 min Scan# 4274
Delta R.T. -0.01 min
Lab File: BE089580.D
Acq: 8 Feb 2015 7:30

Tgt Ion:252 Resp: 3839

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	13.9	10.6	15.8



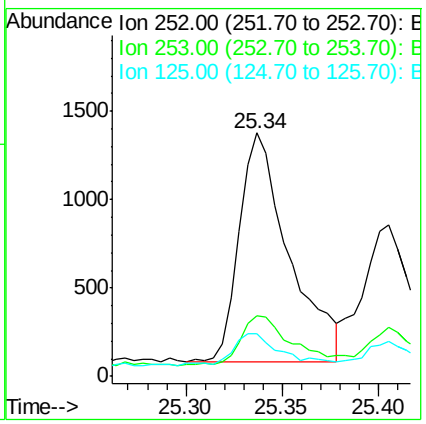


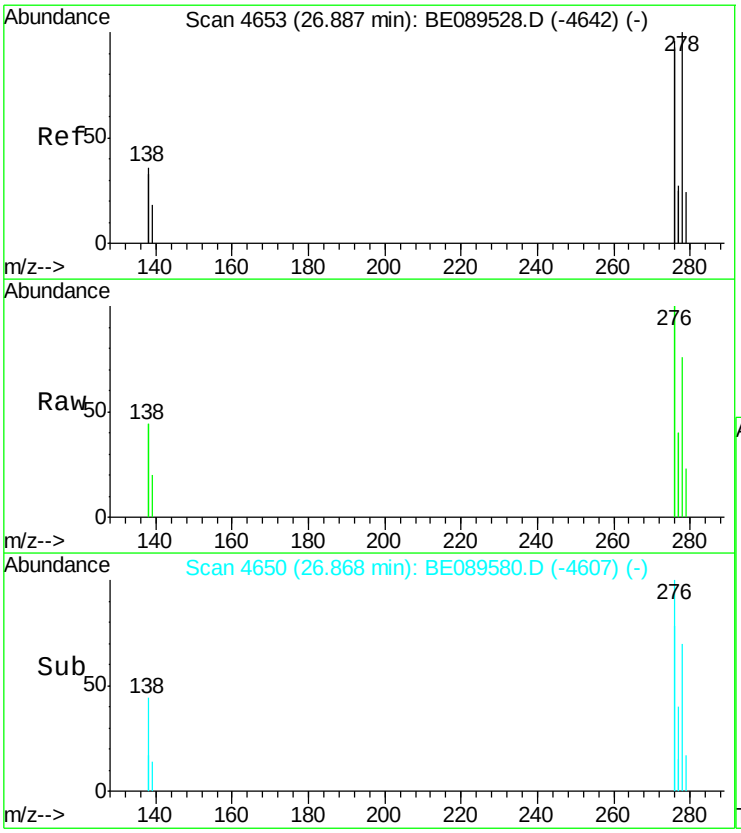
#25
Benzo(a)pyrene
Concen: 0.08 ng
RT: 25.34 min Scan# 4348
Delta R.T. -0.01 min
Lab File: BE089580.D
Acq: 8 Feb 2015 7:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2304

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.8	26.6
125	17.4	11.4	17.2#

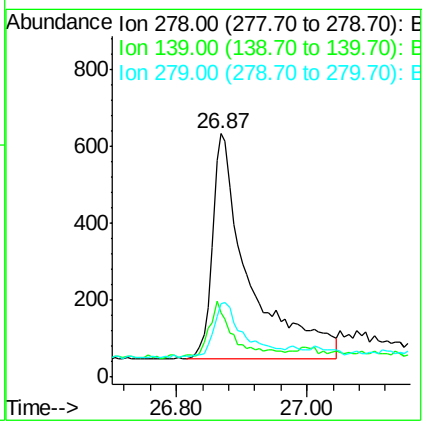


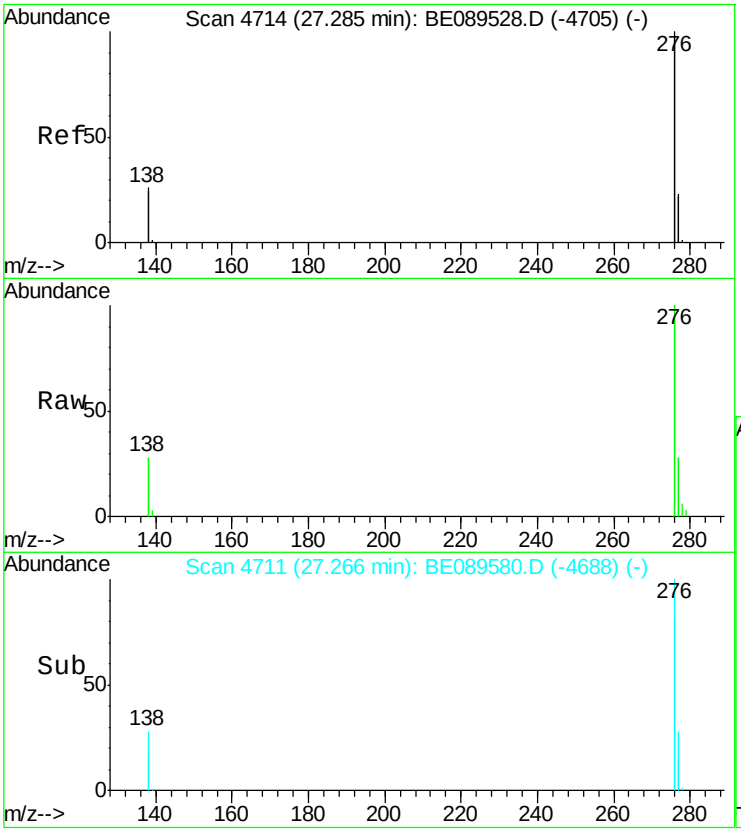


#26
Dibenzo(a,h)anthracene
Concen: 0.06 ng
RT: 26.87 min Scan# 4650
Delta R.T. -0.02 min
Lab File: BE089580.D
Acq: 8 Feb 2015 7:30

Tgt Ion:278 Resp: 2280

Ion	Ratio	Lower	Upper
278	100		
139	26.4	15.7	23.5#
279	30.2	19.5	29.3#





#27
Benzo(g,h,i)perylene
Concen: 0.09 ng
RT: 27.27 min Scan# 4711
Delta R.T. -0.02 min
Lab File: BE089580.D
Acq: 8 Feb 2015 7:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 13230

Ion	Ratio	Lower	Upper
276	100		
277	27.9	18.6	27.8#
138	27.9	20.9	31.3