Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
Data File : BE089579.D
Acq On : 8 Feb 2015 6:12
Operator : TP/IZ
Sample : MDL-07-W
Misc : MDL-WATER-0.2/0.4
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Feb 09 00:27:30 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	40775	5.00	ng		0.00
2) Naphthalene-d8	12.33	136	178256	5.00	ng		0.00
6) Acenaphthene-d10	16.51	164	99578	5.00	ng		0.00
11) Phenanthrene-d10	19.84	188	166836	5.00	ng		0.00
16) Chrysene-d12	23.72	240	149830	5.00	ng		0.00
22) Perylene-d12	25.41	264	135780	5.00	ng		0.00
System Monitoring Compounds							
3) Nitrobenzene-d5	10.69	82	111576	9.43	ng		0.00
7) 2-Fluorobiphenyl	14.96	172	207382	7.81	ng		0.00
18) Terphenyl-d14	22.36	244	214395	10.85	ng		0.00
Target Compounds							Qvalue
4) Naphthalene	12.37	128	5837	0.15	ng		98
5) 2-Methylnaphthalene	14.03	142	3477	0.15	ng		95
8) Acenaphthylene	16.16	152	19678	0.12	ng		100
9) Acenaphthene	16.58	154	3411	0.13	ng		98
10) Fluorene	17.83	166	3622	0.13	ng		98
12) Pentachlorophenol	19.51	266	246	0.73	ng		93
13) Phenanthrene	19.98	178	4788	0.12	ng		99
14) Anthracene	19.98	178	4788	0.14	ng		98
15) Fluoranthene	21.78	202	4493	0.12	ng		97
17) Pyrene	22.10	202	5001	0.16	ng		98
19) Benzo(a)anthracene	23.70	228	16873	0.13	ng		96
20) Chrysene	23.75	228	20436	0.15	ng		97
21) Indeno(1,2,3-cd)pyrene	26.84	276	10332	0.05	ng	#	79
23) Benzo(b)fluoranthene	25.00	252	4231	0.16	ng		95
24) Benzo(k)fluoranthene	25.00	252	4231	0.13	ng		95
25) Benzo(a)pyrene	25.34	252	2063	0.08	ng	#	91
26) Dibenzo(a,h)anthracene	26.87	278	1702	0.05	ng	#	88
27) Benzo(g,h,i)perylene	27.27	276	11382	0.09	ng	#	94

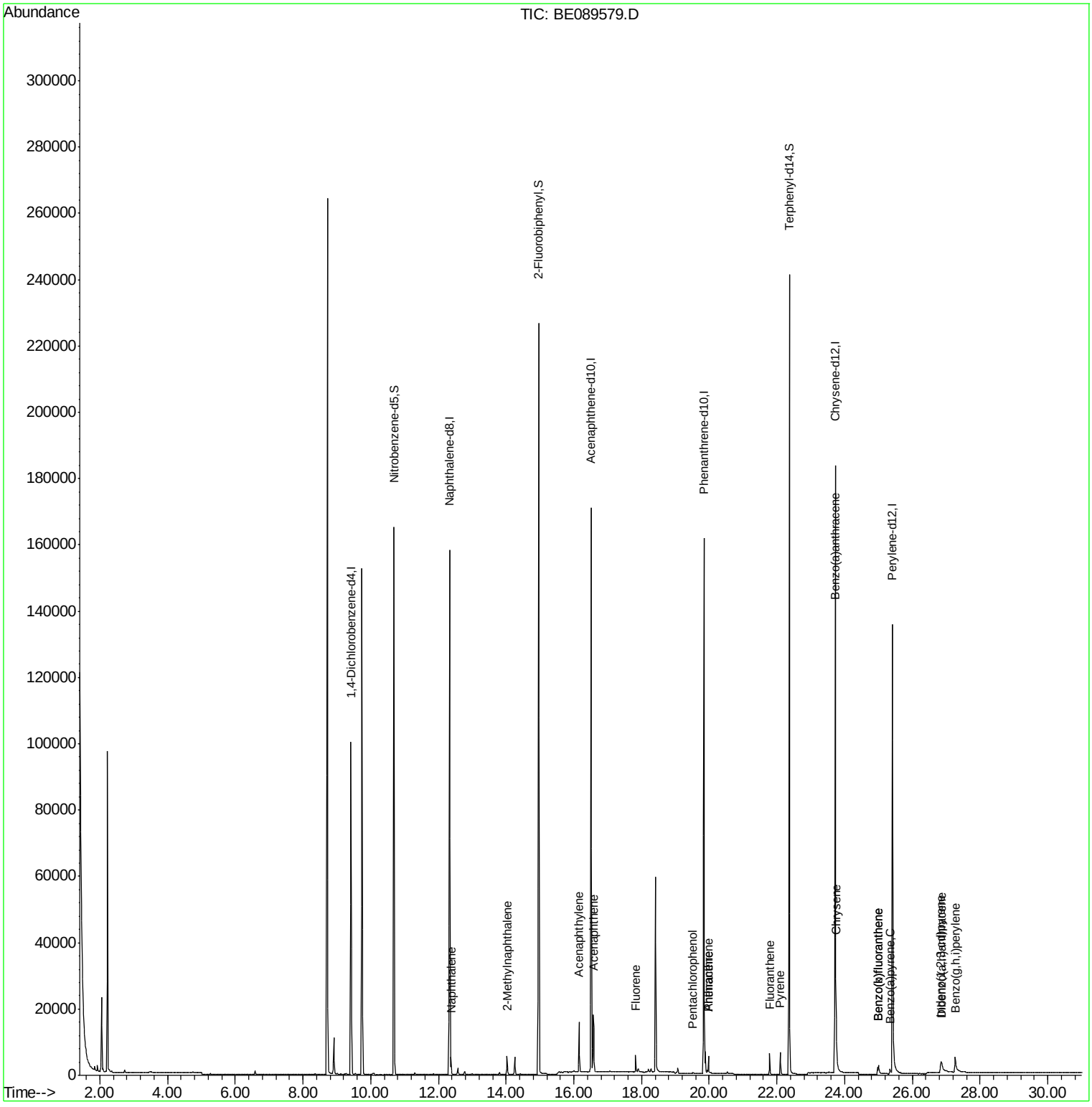
(#) = qualifier out of range (m) = manual integration (+) = signals summed

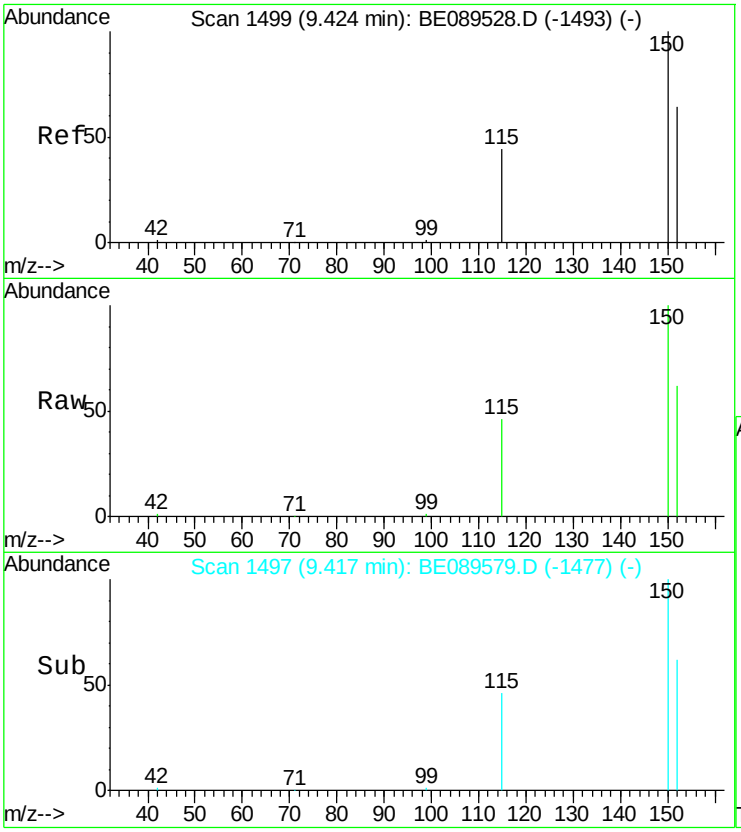
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
Data File : BE089579.D
Acq On : 8 Feb 2015 6:12
Operator : TP/IZ
Sample : MDL-07-W
Misc : MDL-WATER-0.2/0.4
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 09 00:27:30 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



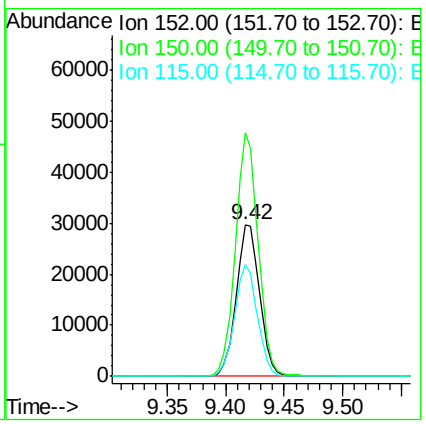


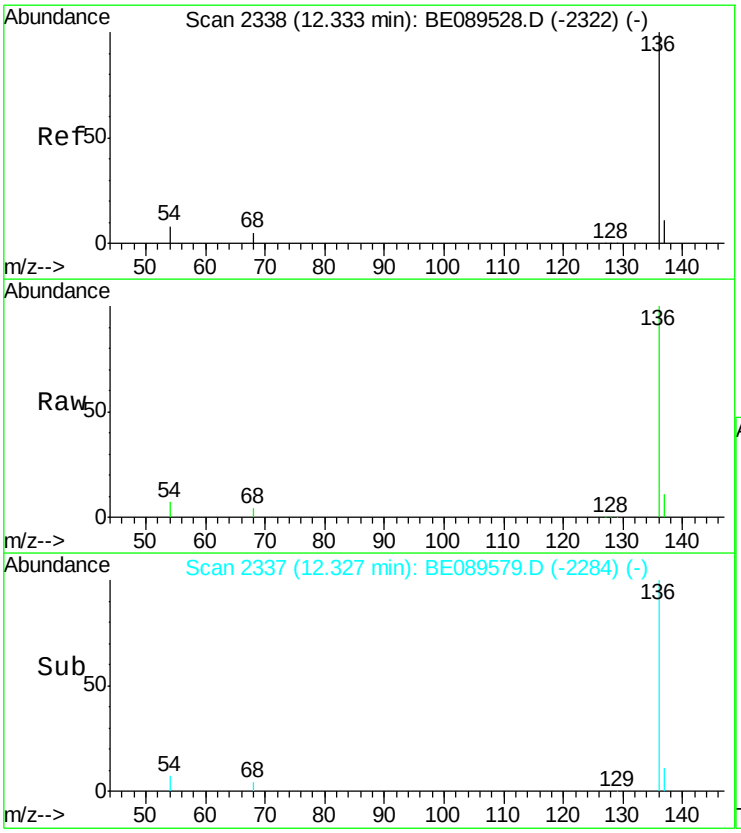
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.42 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BE089579.D
Acq: 8 Feb 2015 6:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 40775

Ion	Ratio	Lower	Upper
152	100		
150	160.5	125.7	188.5
115	74.0	55.6	83.4

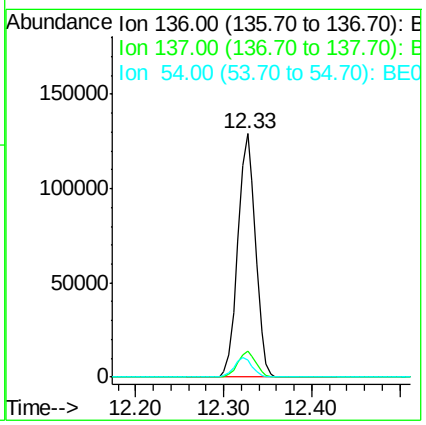


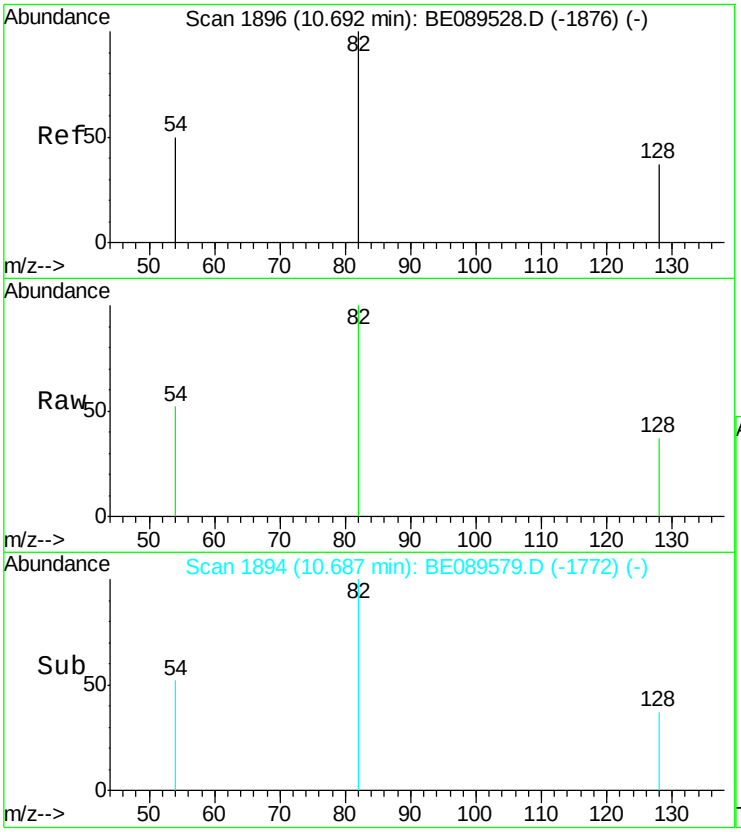


#2
Naphthalene-d8
Concen: 5.00 ng
RT: 12.33 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BE089579.D
Acq: 8 Feb 2015 6:12

Tgt Ion:136 Resp: 178256

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.1	6.1	9.1



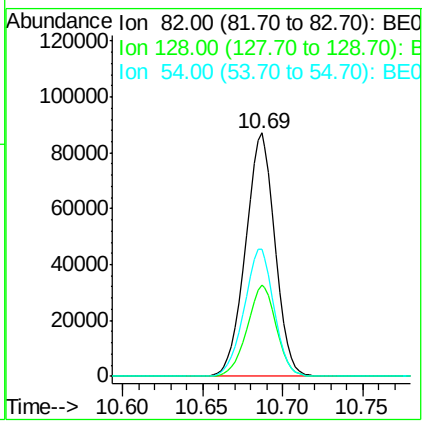


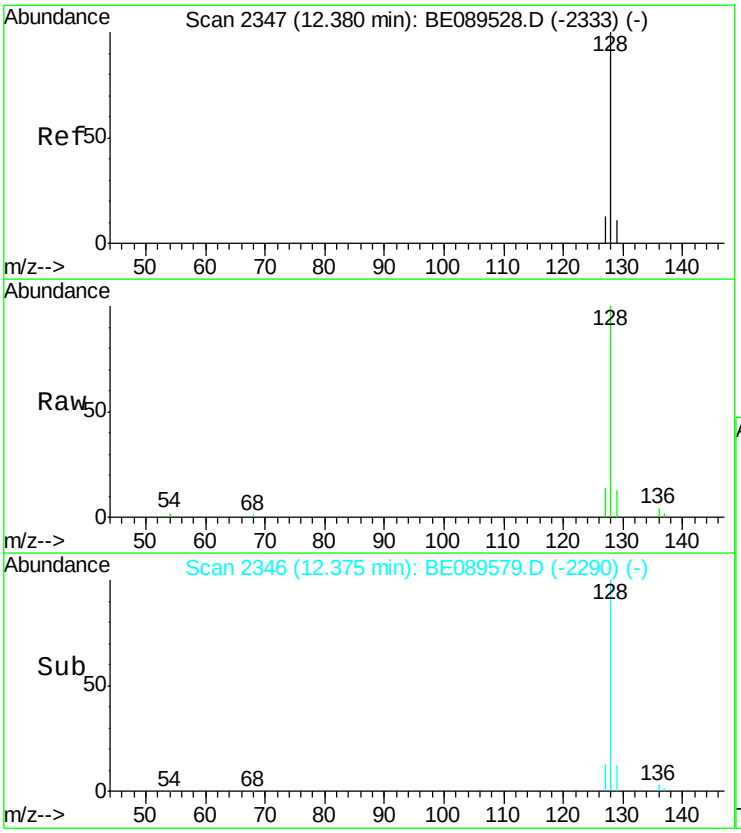
#3
Nitrobenzene-d5
Concen: 9.43 ng
RT: 10.69 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BE089579.D
Acq: 8 Feb 2015 6:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 111576

Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.2	45.4
54	52.2	40.6	60.8

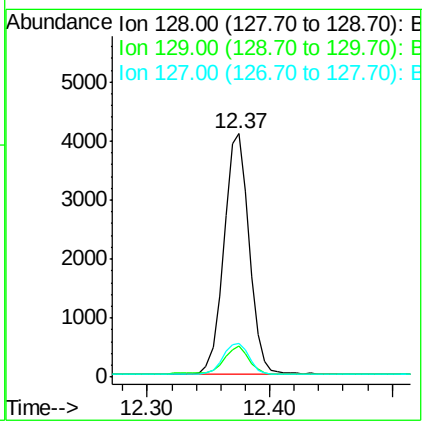


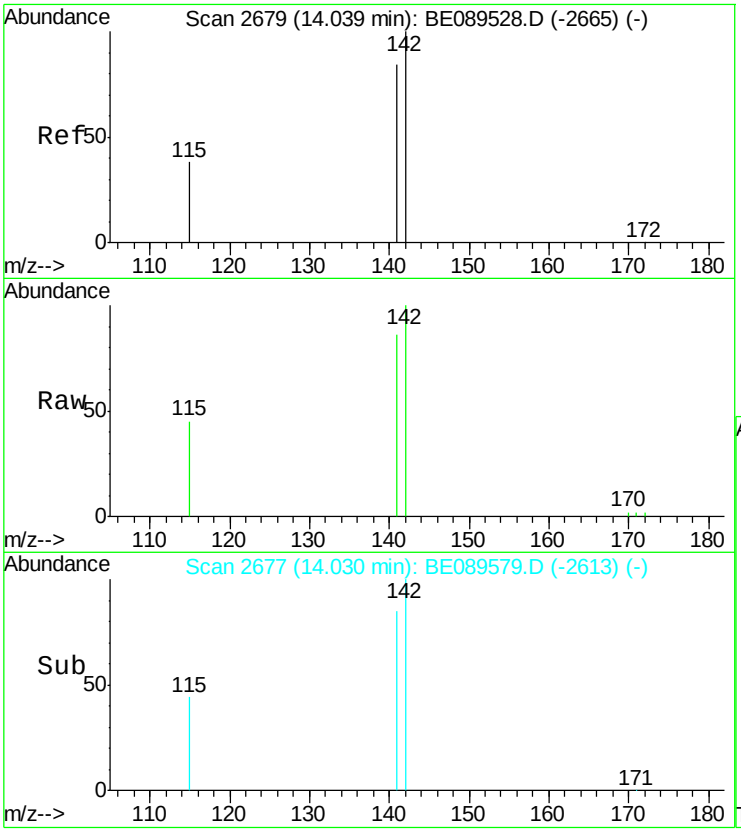


#4
Naphthalene
Concen: 0.15 ng
RT: 12.37 min Scan# 2346
Delta R.T. -0.01 min
Lab File: BE089579.D
Acq: 8 Feb 2015 6:12

Tgt Ion:128 Resp: 5837

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.1	13.7
127	13.7	10.5	15.7



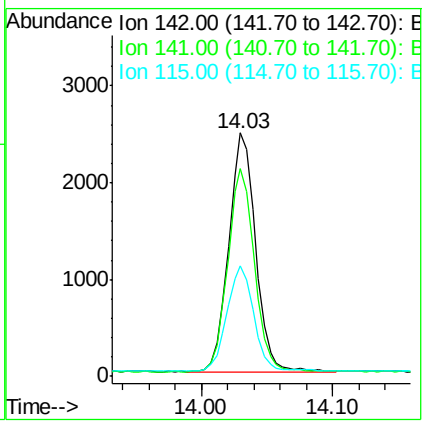


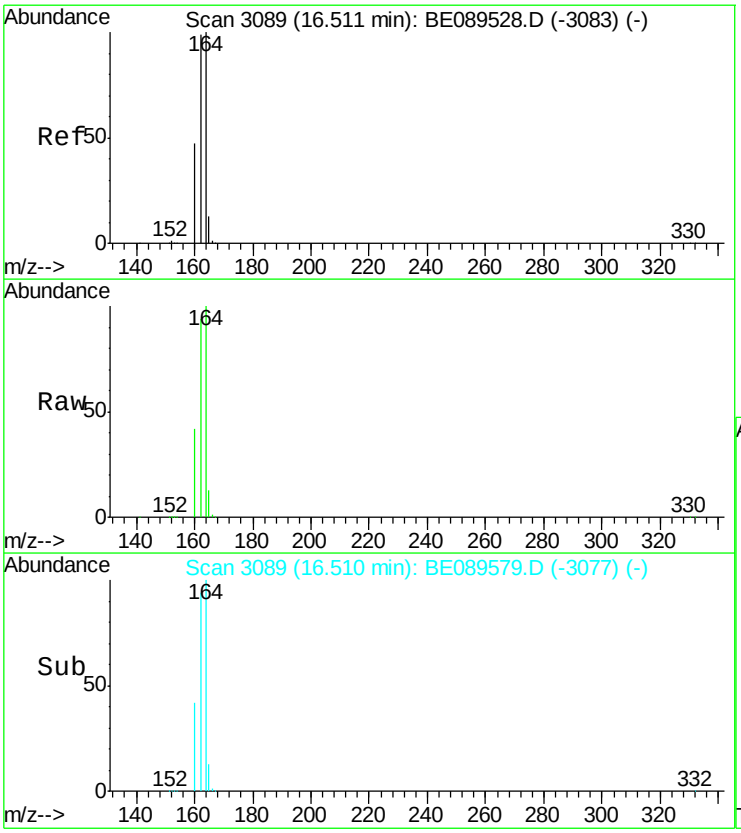
#5
2-Methylnaphthalene
Concen: 0.15 ng
RT: 14.03 min Scan# 2677
Delta R.T. -0.01 min
Lab File: BE089579.D
Acq: 8 Feb 2015 6:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 3477

Ion	Ratio	Lower	Upper
142	100		
141	85.5	67.0	100.6
115	45.3	30.6	45.8

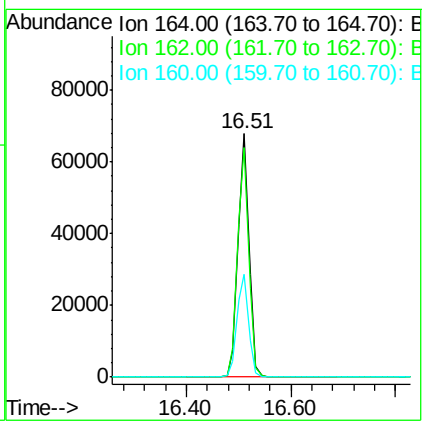


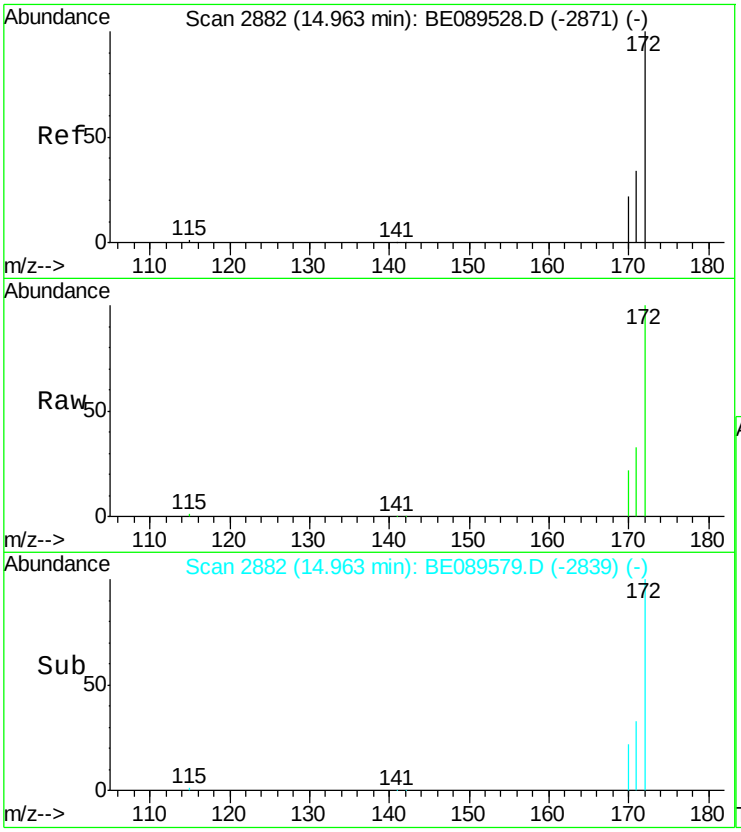


#6
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.51 min Scan# 3089
Delta R.T. -0.00 min
Lab File: BE089579.D
Acq: 8 Feb 2015 6:12

Tgt Ion:164 Resp: 99578

Ion	Ratio	Lower	Upper
164	100		
162	94.2	79.5	119.3
160	42.3	37.6	56.4



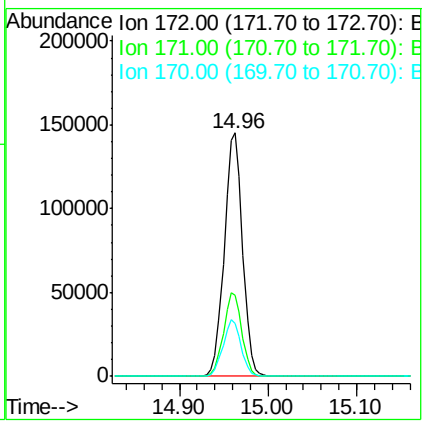


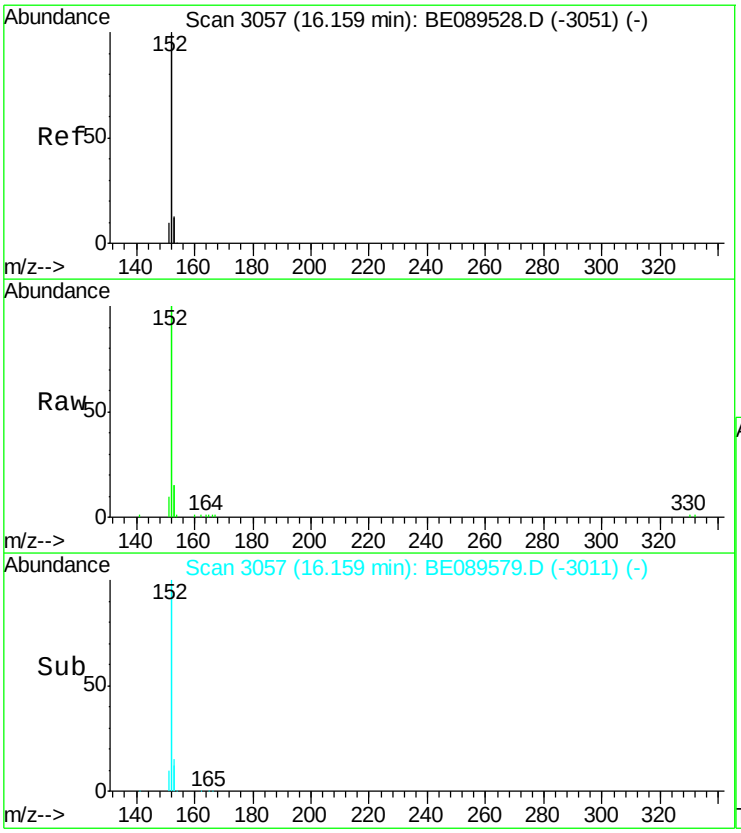
#7
2-Fluorobiphenyl
Concen: 7.81 ng
RT: 14.96 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BE089579.D
Acq: 8 Feb 2015 6:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 207382

Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.7	41.5
170	21.9	18.3	27.5

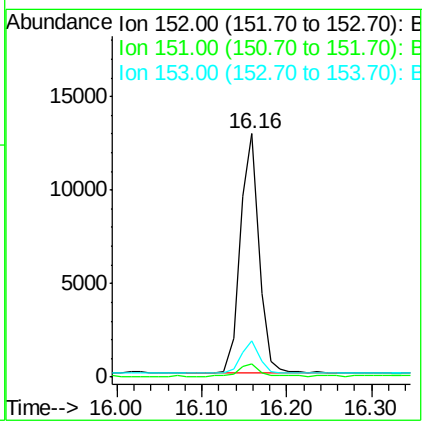


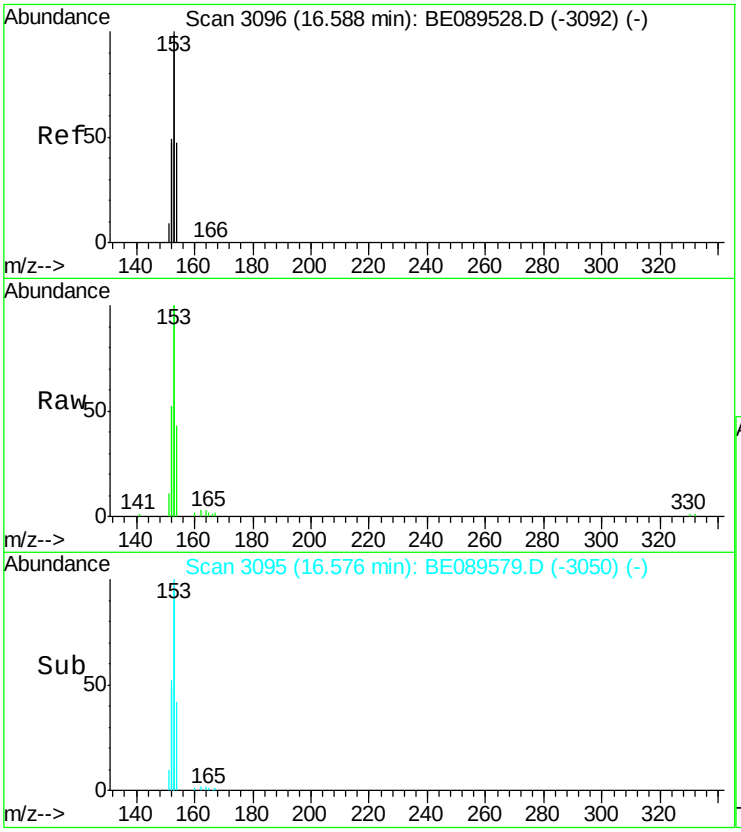


#8
Acenaphthylene
Concen: 0.12 ng
RT: 16.16 min Scan# 3057
Delta R.T. -0.00 min
Lab File: BE089579.D
Acq: 8 Feb 2015 6:12

Tgt Ion:152 Resp: 19678

Ion	Ratio	Lower	Upper
152	100		
151	5.1	4.0	6.0
153	13.1	10.6	15.8



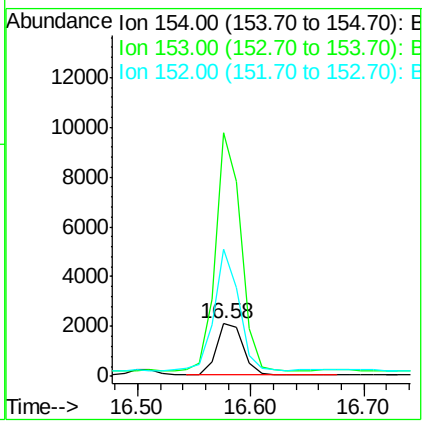


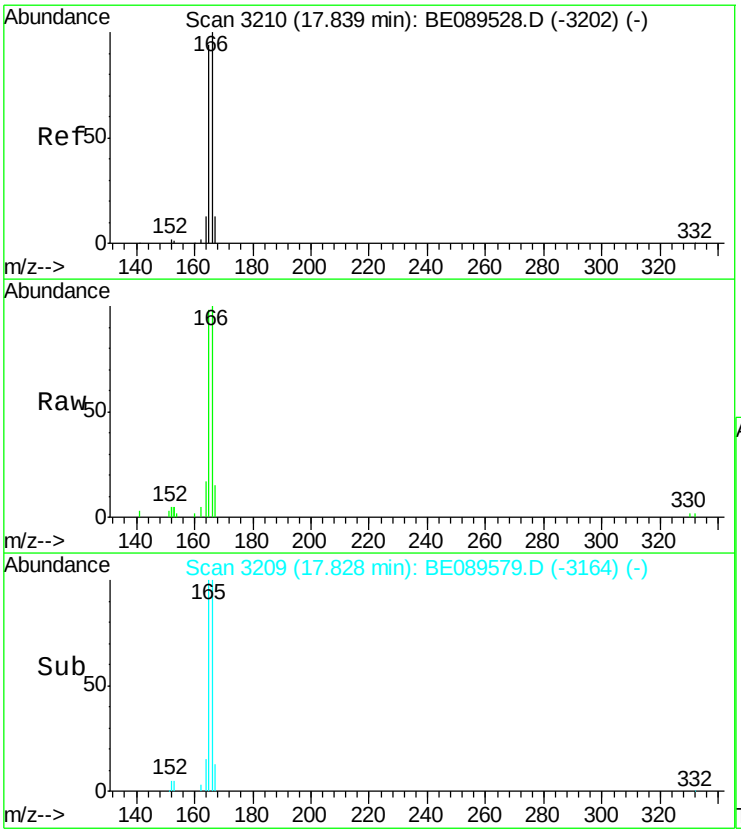
#9
Acenaphthene
Concen: 0.13 ng
RT: 16.58 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BE089579.D
Acq: 8 Feb 2015 6:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3411

Ion	Ratio	Lower	Upper
154	100		
153	428.8	340.8	511.2
152	211.8	165.5	248.3

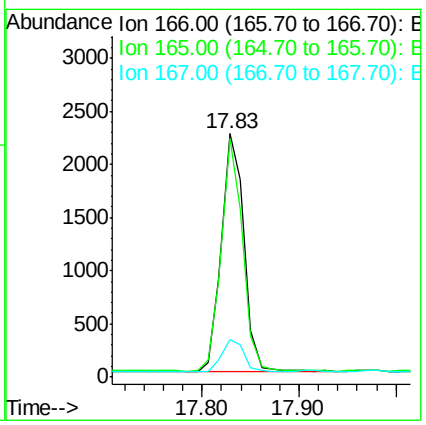


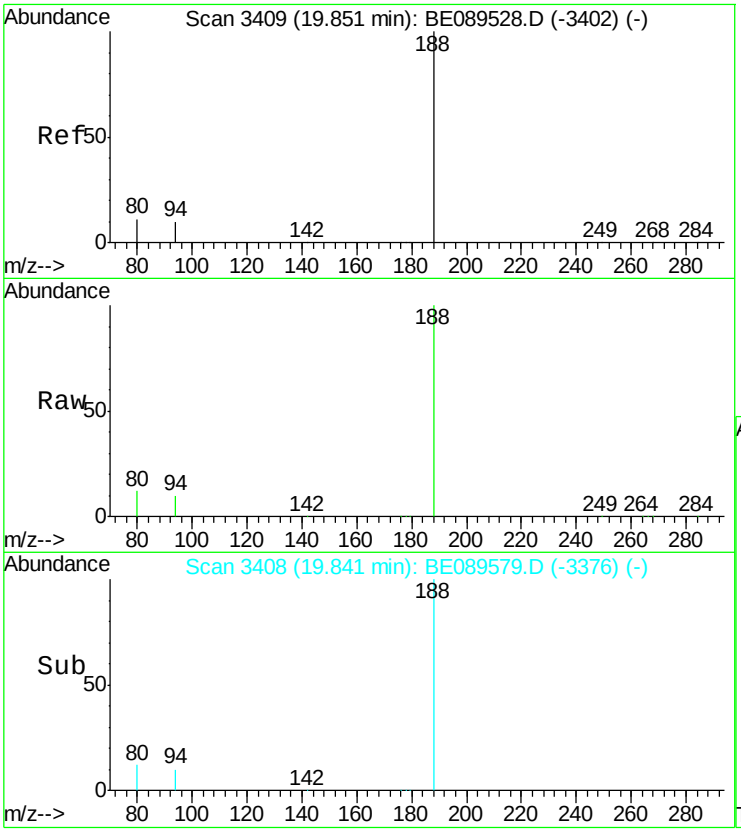


#10
Fluorene
Concen: 0.13 ng
RT: 17.83 min Scan# 3209
Delta R.T. -0.01 min
Lab File: BE089579.D
Acq: 8 Feb 2015 6:12

Tgt Ion:166 Resp: 3622

Ion	Ratio	Lower	Upper
166	100		
165	92.4	75.5	113.3
167	13.0	10.9	16.3



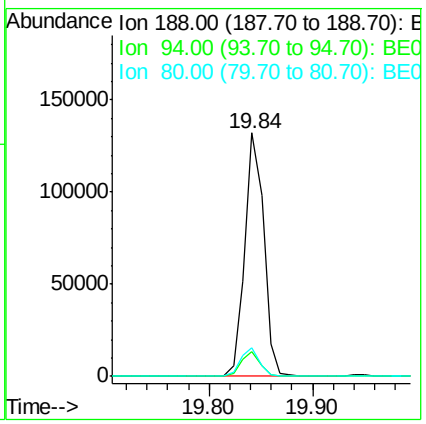


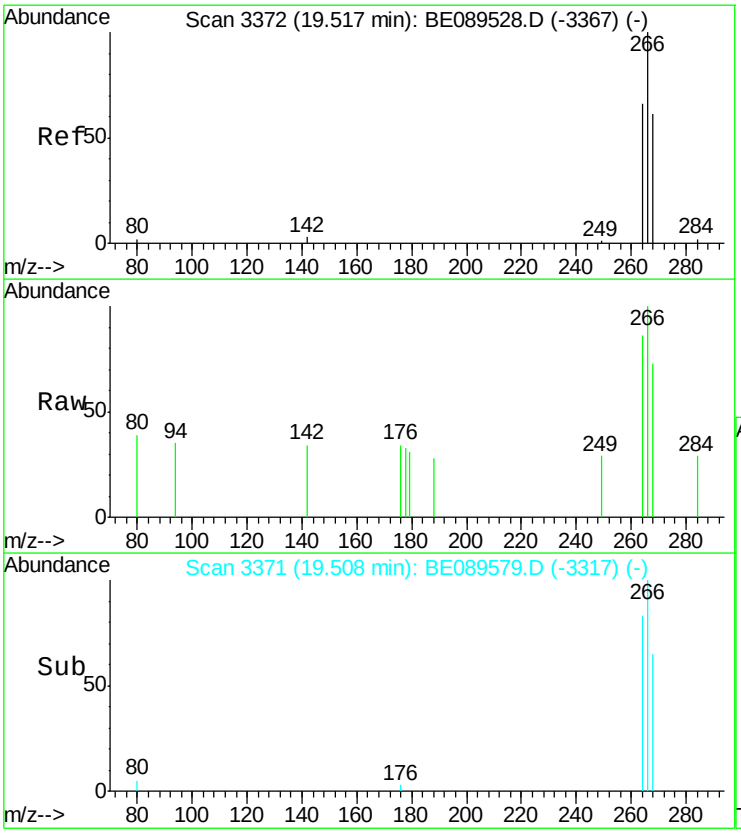
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.84 min Scan# 3408
Delta R.T. -0.01 min
Lab File: BE089579.D
Acq: 8 Feb 2015 6:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 166836

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.4	12.6
80	11.6	8.6	12.8

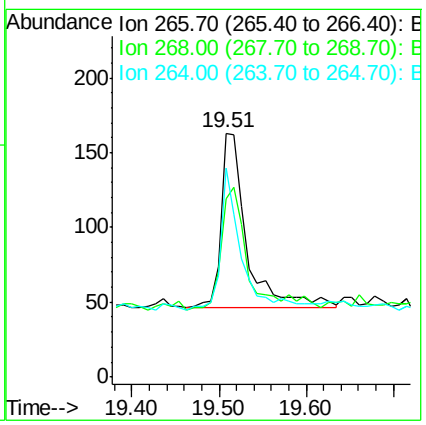


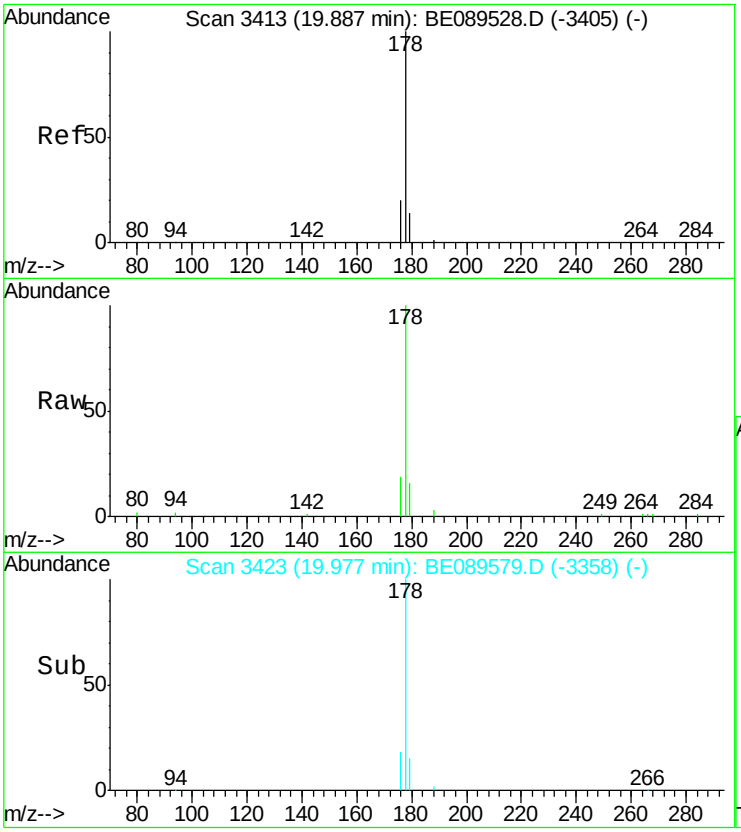


#12
Pentachlorophenol
Concen: 0.73 ng
RT: 19.51 min Scan# 3371
Delta R.T. -0.01 min
Lab File: BE089579.D
Acq: 8 Feb 2015 6:12

Tgt Ion:266 Resp: 246

Ion	Ratio	Lower	Upper
266	100		
268	73.0	57.9	86.9
264	85.9	60.2	90.4



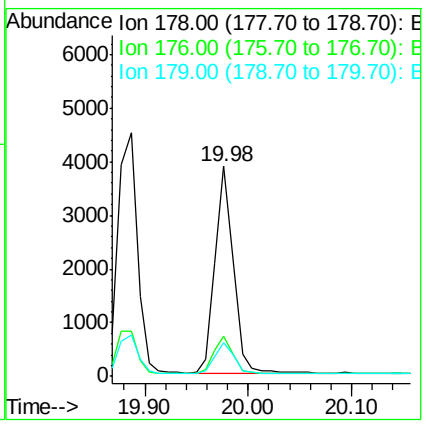


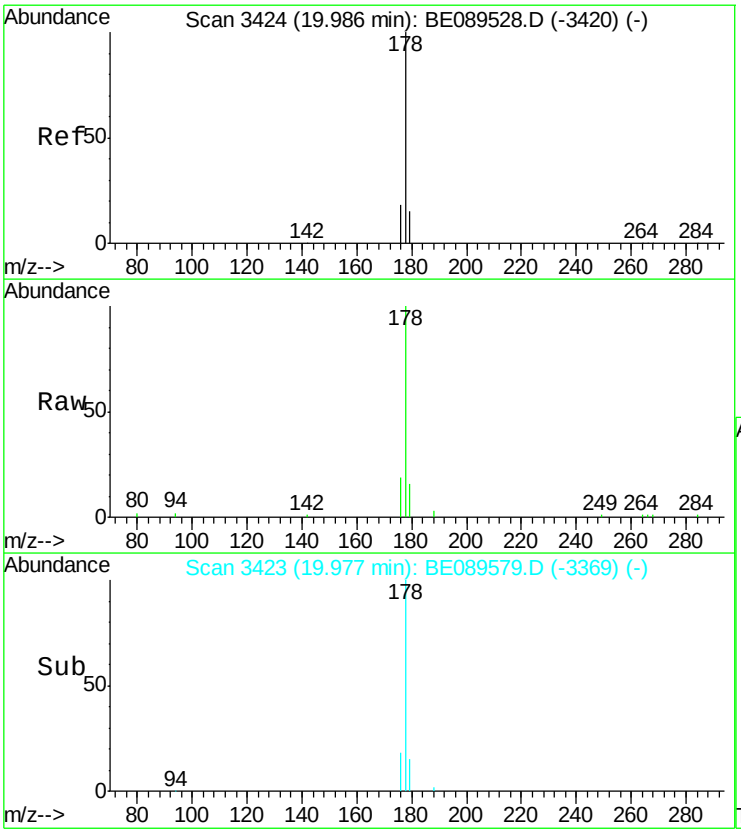
#13
Phenanthrene
Concen: 0.12 ng
RT: 19.98 min Scan# 3423
Delta R.T. 0.09 min
Lab File: BE089579.D
Acq: 8 Feb 2015 6:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 4788

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.3	12.2	18.2

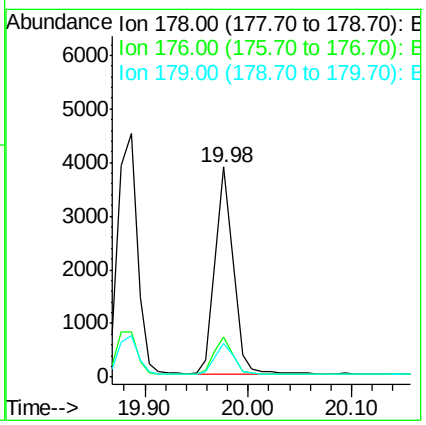


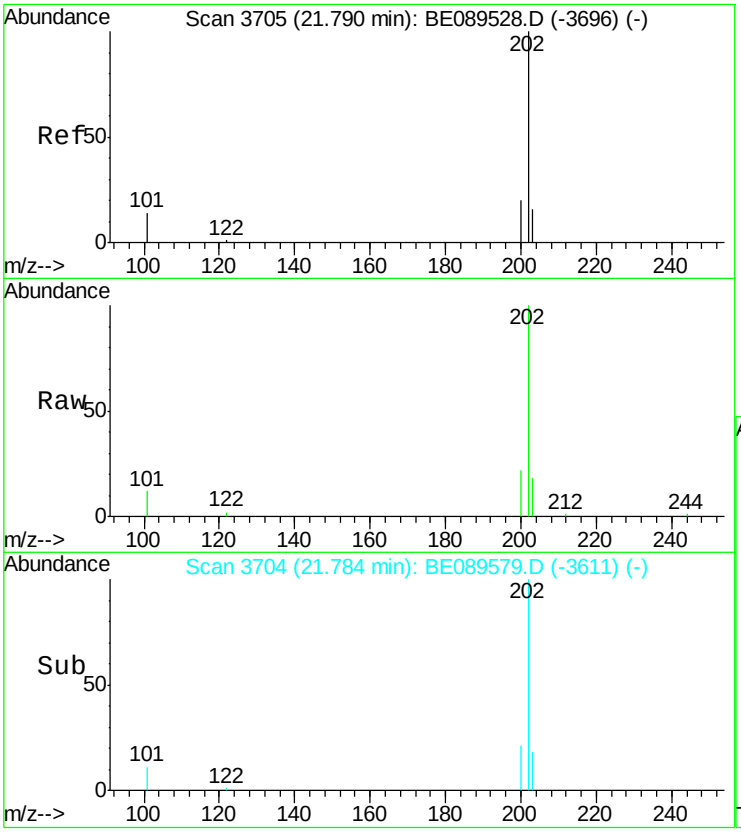


#14
Anthracene
Concen: 0.14 ng
RT: 19.98 min Scan# 3423
Delta R.T. -0.01 min
Lab File: BE089579.D
Acq: 8 Feb 2015 6:12

Tgt Ion:178 Resp: 4788

Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.5	21.7
179	15.3	12.2	18.2



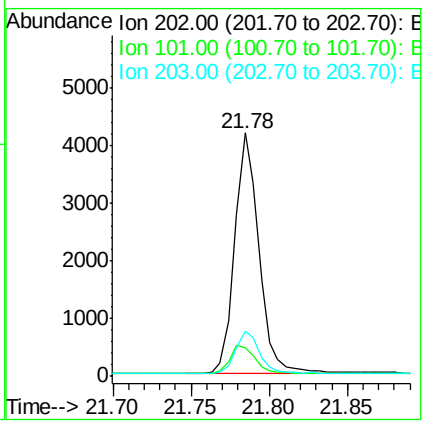


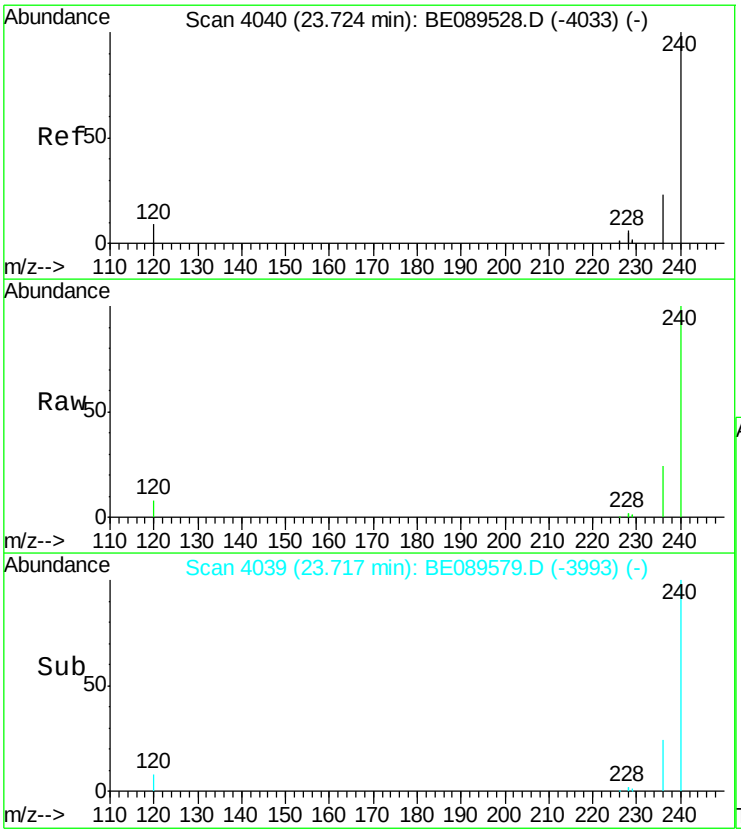
#15
Fluoranthene
Concen: 0.12 ng
RT: 21.78 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BE089579.D
Acq: 8 Feb 2015 6:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 4493

Ion	Ratio	Lower	Upper
202	100		
101	12.5	11.6	17.4
203	17.8	13.6	20.4

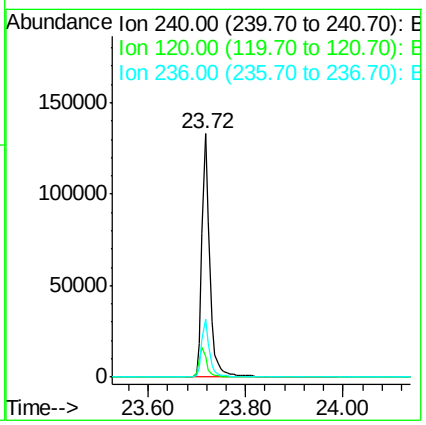


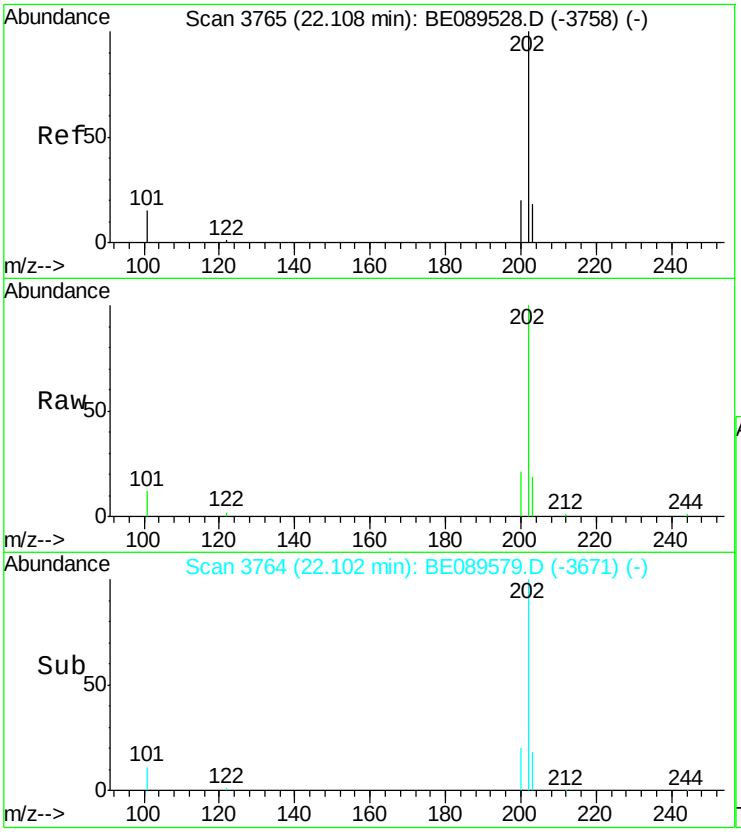


#16
Chrysene-d12
Concen: 5.00 ng
RT: 23.72 min Scan# 4039
Delta R.T. -0.01 min
Lab File: BE089579.D
Acq: 8 Feb 2015 6:12

Tgt Ion:240 Resp: 149830

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.2	10.8
236	23.8	18.5	27.7



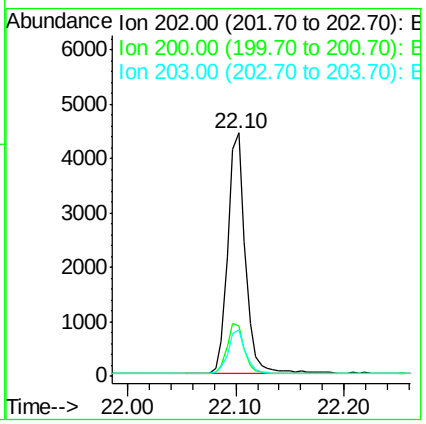


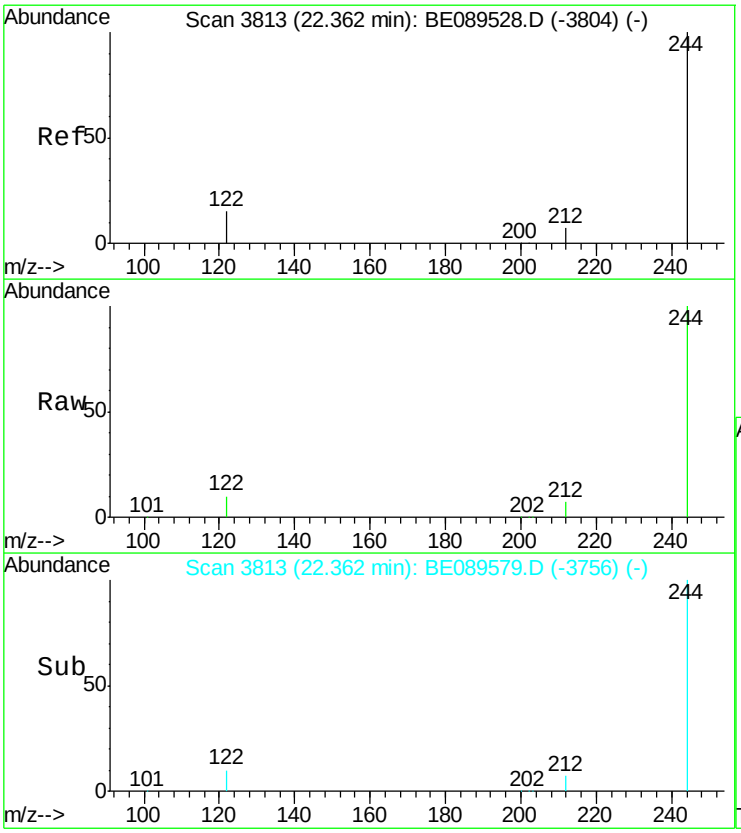
#17
Pyrene
Concen: 0.16 ng
RT: 22.10 min Scan# 3764
Delta R.T. -0.01 min
Lab File: BE089579.D
Acq: 8 Feb 2015 6:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 5001

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.3	24.5
203	18.0	13.5	20.3

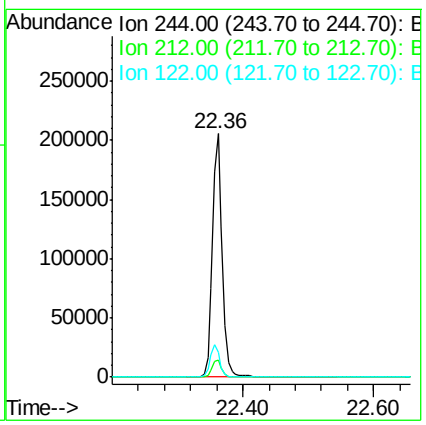


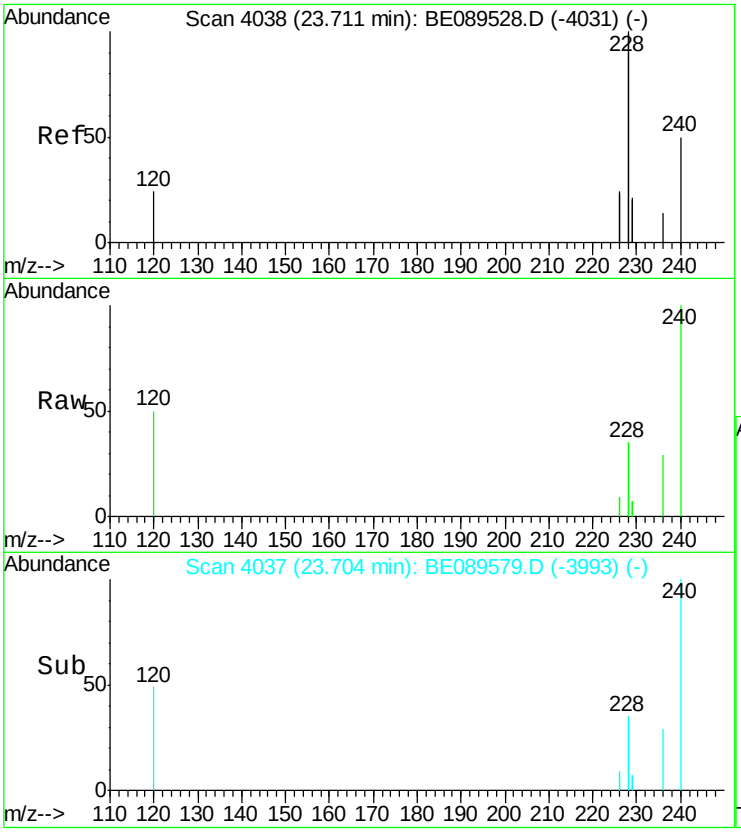


#18
Terphenyl-d14
Concen: 10.85 ng
RT: 22.36 min Scan# 3813
Delta R.T. -0.00 min
Lab File: BE089579.D
Acq: 8 Feb 2015 6:12

Tgt Ion:244 Resp: 214395

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	9.9	12.6	19.0#



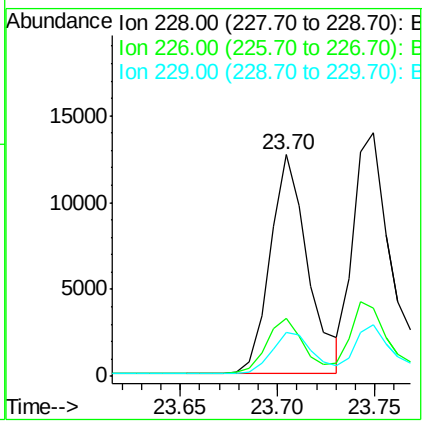


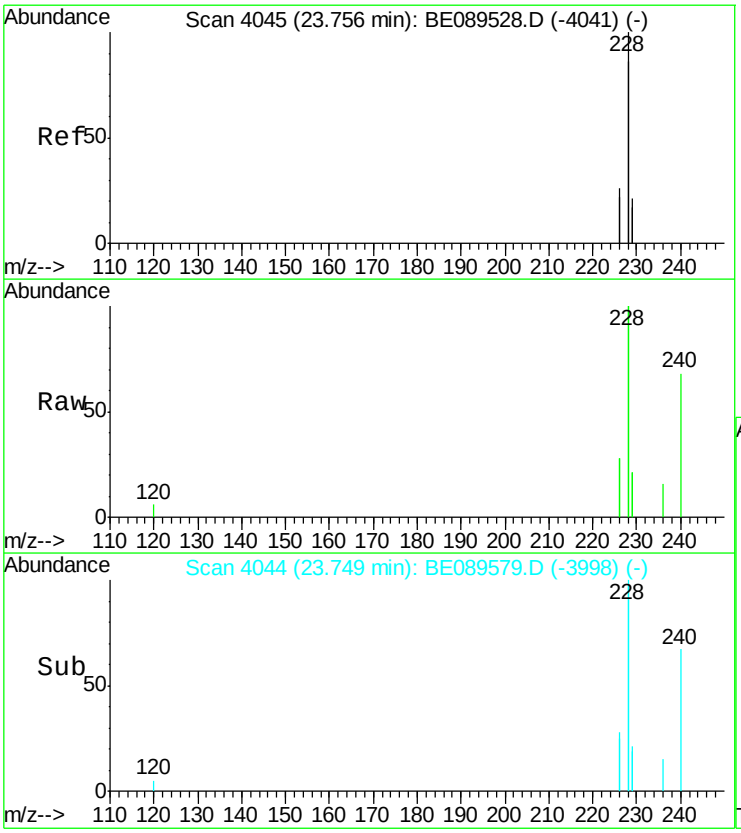
#19
Benzo(a)anthracene
Concen: 0.13 ng
RT: 23.70 min Scan# 4037
Delta R.T. -0.01 min
Lab File: BE089579.D
Acq: 8 Feb 2015 6:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 16873

Ion	Ratio	Lower	Upper
228	100		
226	26.3	19.0	28.4
229	19.9	16.8	25.2

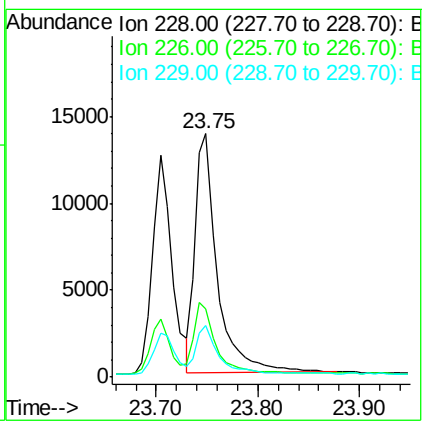


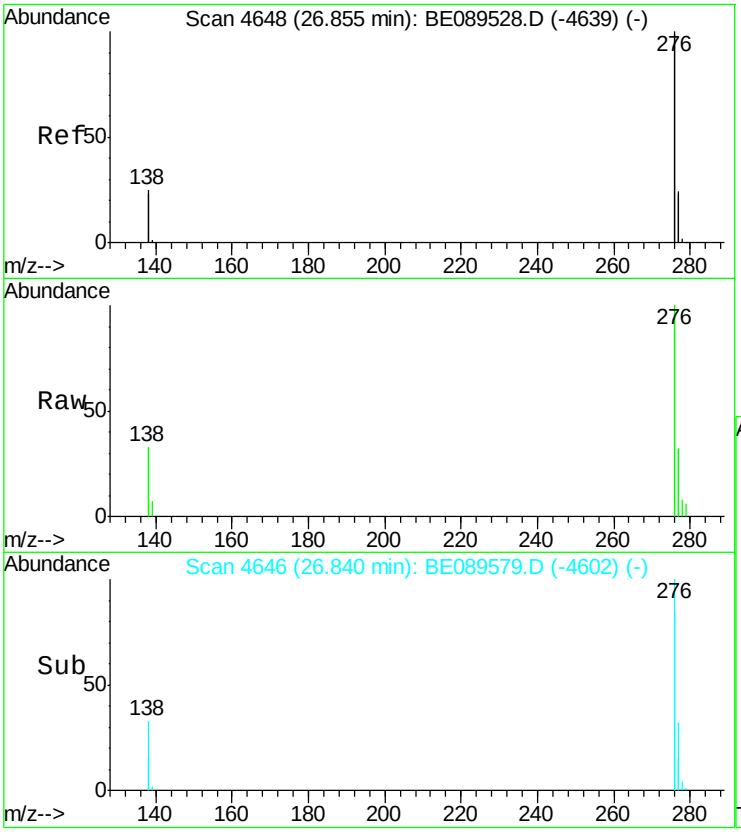


#20
Chrysene
Concen: 0.15 ng
RT: 23.75 min Scan# 4044
Delta R.T. -0.01 min
Lab File: BE089579.D
Acq: 8 Feb 2015 6:12

Tgt Ion:228 Resp: 20436

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.0	31.4
229	21.4	16.7	25.1



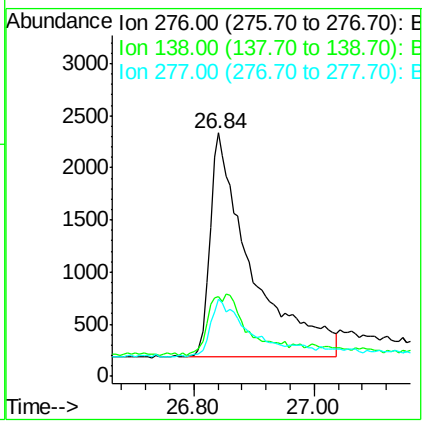


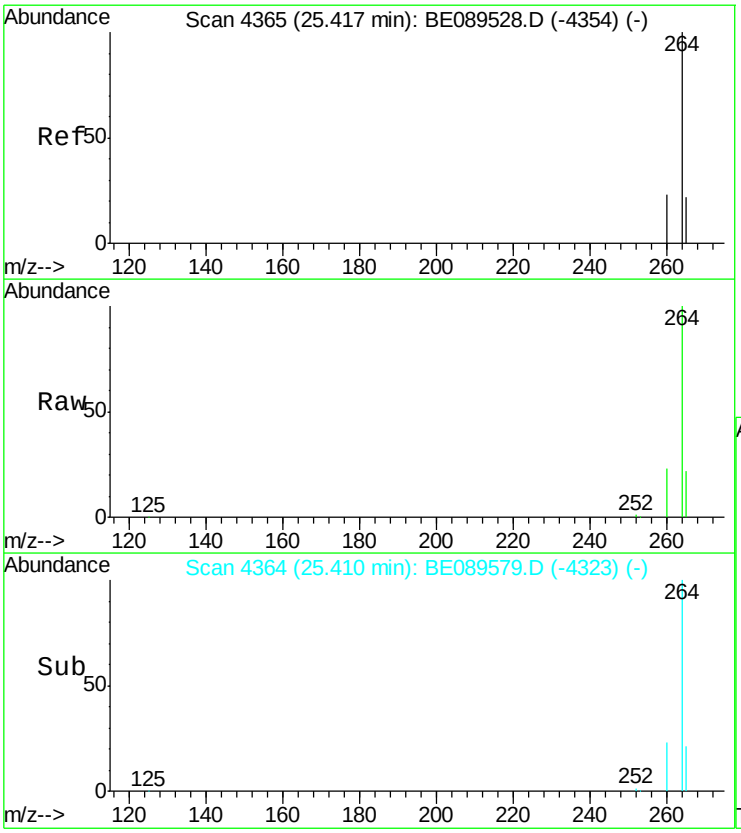
#21
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng
RT: 26.84 min Scan# 4646
Delta R.T. -0.01 min
Lab File: BE089579.D
Acq: 8 Feb 2015 6:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 10332

Ion	Ratio	Lower	Upper
276	100		
138	10.2	23.0	34.4#
277	22.8	19.9	29.9

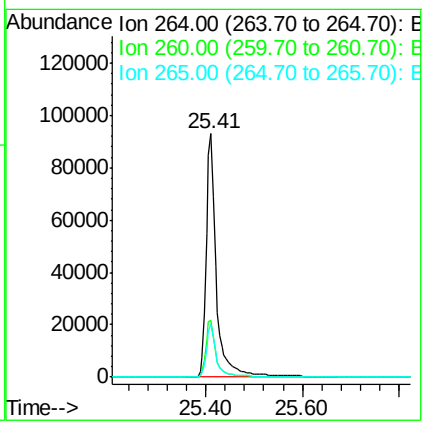


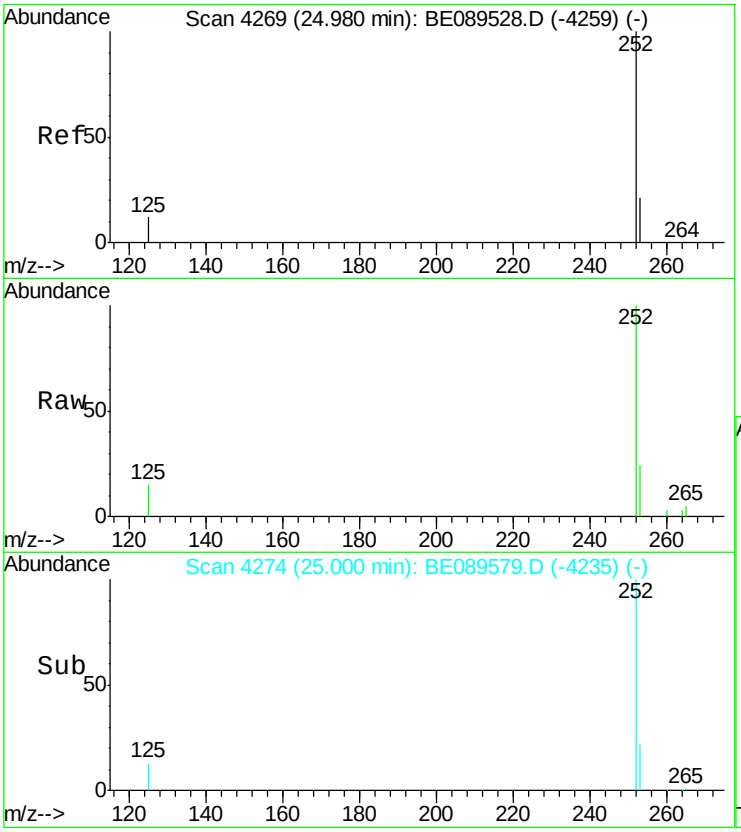


#22
Perylene-d12
Concen: 5.00 ng
RT: 25.41 min Scan# 4364
Delta R.T. -0.01 min
Lab File: BE089579.D
Acq: 8 Feb 2015 6:12

Tgt Ion:264 Resp: 135780

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.6	17.5	26.3



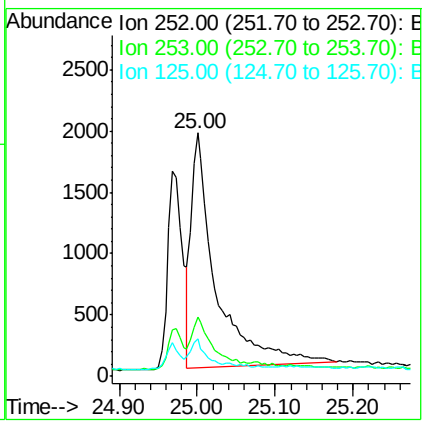


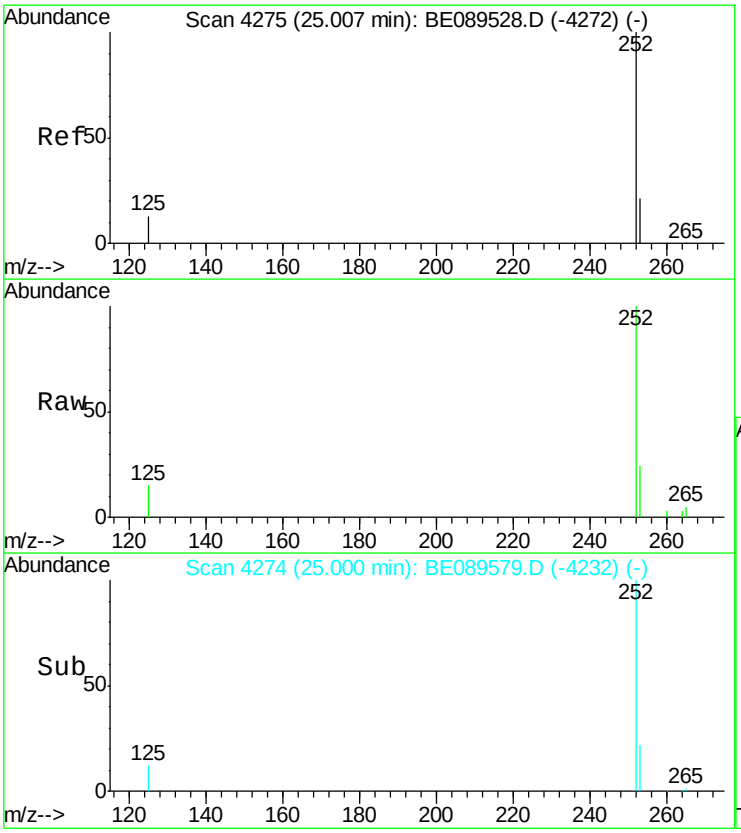
#23
Benzo(b)fluoranthene
Concen: 0.16 ng
RT: 25.00 min Scan# 4274
Delta R.T. 0.02 min
Lab File: BE089579.D
Acq: 8 Feb 2015 6:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4231

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.0
125	15.2	10.4	15.6

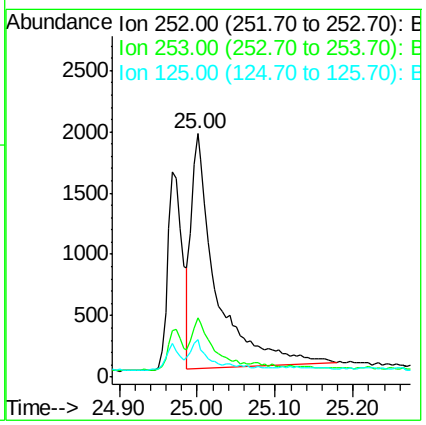


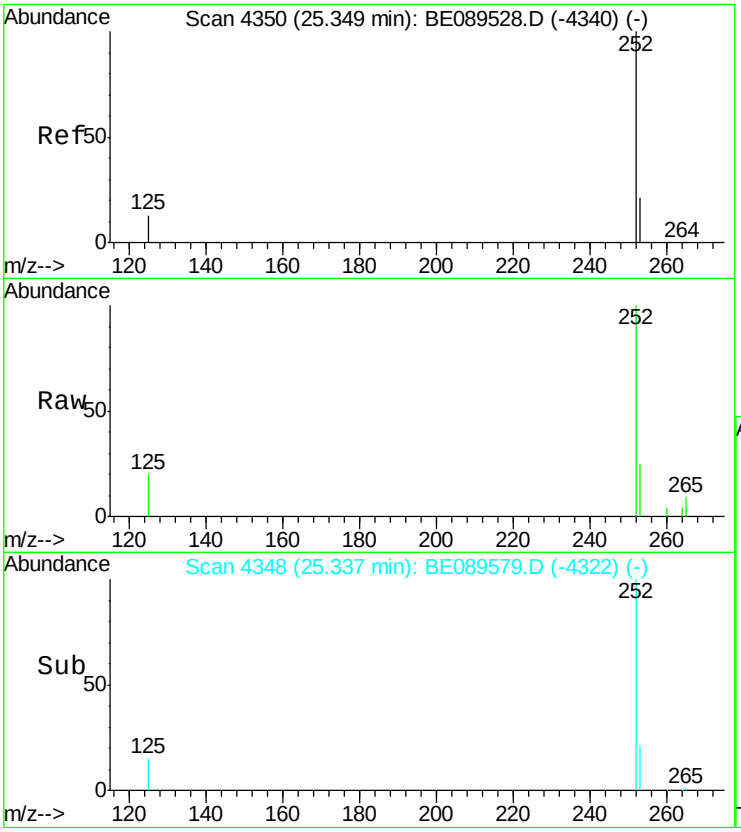


#24
Benzo(k)fluoranthene
Concen: 0.13 ng
RT: 25.00 min Scan# 4274
Delta R.T. -0.01 min
Lab File: BE089579.D
Acq: 8 Feb 2015 6:12

Tgt Ion:252 Resp: 4231

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.2	25.8
125	15.2	10.6	15.8



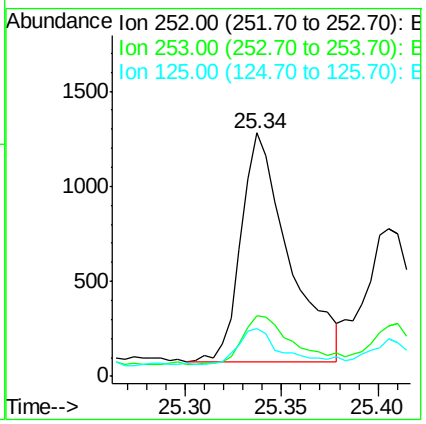


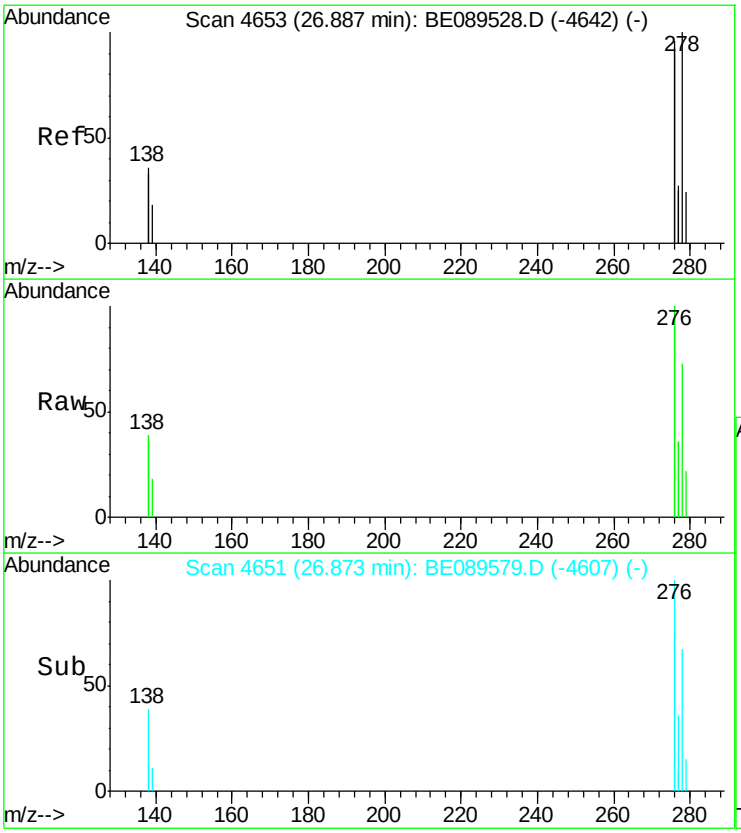
#25
Benzo(a)pyrene
Concen: 0.08 ng
RT: 25.34 min Scan# 4348
Delta R.T. -0.01 min
Lab File: BE089579.D
Acq: 8 Feb 2015 6:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2063

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.6
125	19.6	11.4	17.2#

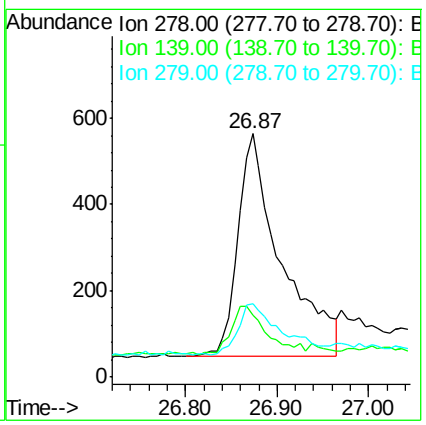


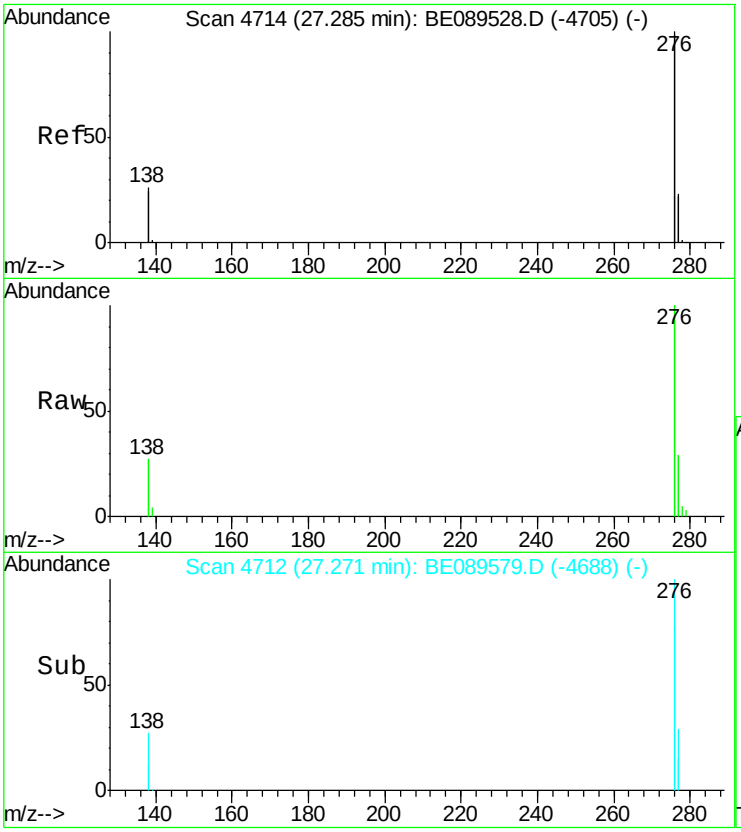


#26
Dibenzo(a,h)anthracene
Concen: 0.05 ng
RT: 26.87 min Scan# 4651
Delta R.T. -0.01 min
Lab File: BE089579.D
Acq: 8 Feb 2015 6:12

Tgt Ion:278 Resp: 1702

Ion	Ratio	Lower	Upper
278	100		
139	25.2	15.7	23.5#
279	30.1	19.5	29.3#





#27
Benzo(g,h,i)perylene
Concen: 0.09 ng
RT: 27.27 min Scan# 4712
Delta R.T. -0.01 min
Lab File: BE089579.D
Acq: 8 Feb 2015 6:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 11382

Ion	Ratio	Lower	Upper
276	100		
277	28.8	18.6	27.8#
138	26.7	20.9	31.3