Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
Data File : BE089572.D
Acq On : 8 Feb 2015 00:20
Operator : TP/IZ
Sample : MDL-03-W
Misc : MDL-WATER-0.2/0.4
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Feb 09 00:24:16 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	47949	5.00	ng		0.00
2) Naphthalene-d8	12.33	136	205056	5.00	ng		0.00
6) Acenaphthene-d10	16.51	164	109863	5.00	ng		0.00
11) Phenanthrene-d10	19.84	188	183481	5.00	ng		0.00
16) Chrysene-d12	23.72	240	173129	5.00	ng		0.00
22) Perylene-d12	25.41	264	159619	5.00	ng		0.00
System Monitoring Compounds							
3) Nitrobenzene-d5	10.69	82	128404	9.43	ng		0.00
7) 2-Fluorobiphenyl	14.96	172	229878	7.84	ng		0.00
18) Terphenyl-d14	22.36	244	240386	10.53	ng		0.00
Target Compounds							Qvalue
4) Naphthalene	12.37	128	7212	0.16	ng	#	96
5) 2-Methylnaphthalene	14.03	142	4139	0.16	ng		96
8) Acenaphthylene	16.16	152	22505	0.12	ng		100
9) Acenaphthene	16.59	154	3978	0.14	ng		99
10) Fluorene	17.83	166	4272	0.14	ng		98
12) Pentachlorophenol	19.52	266	91	0.60	ng		98
13) Phenanthrene	19.89	178	6947	0.15	ng		97
14) Anthracene	19.98	178	5489	0.14	ng		99
15) Fluoranthene	22.10	202	5890	0.14	ng		99
17) Pyrene	22.10	202	5890	0.16	ng		99
19) Benzo(a)anthracene	23.70	228	20556	0.13	ng		95
20) Chrysene	23.75	228	25659	0.16	ng		99
21) Indeno(1,2,3-cd)pyrene	26.84	276	11939	0.05	ng		94
23) Benzo(b)fluoranthene	24.97	252	2329	0.08	ng		94
24) Benzo(k)fluoranthene	25.00	252	4981	0.13	ng		97
25) Benzo(a)pyrene	25.34	252	2642	0.09	ng	#	92
26) Dibenzo(a,h)anthracene	26.87	278	2699	0.07	ng	#	85
27) Benzo(g,h,i)perylene	27.27	276	13803	0.09	ng		96

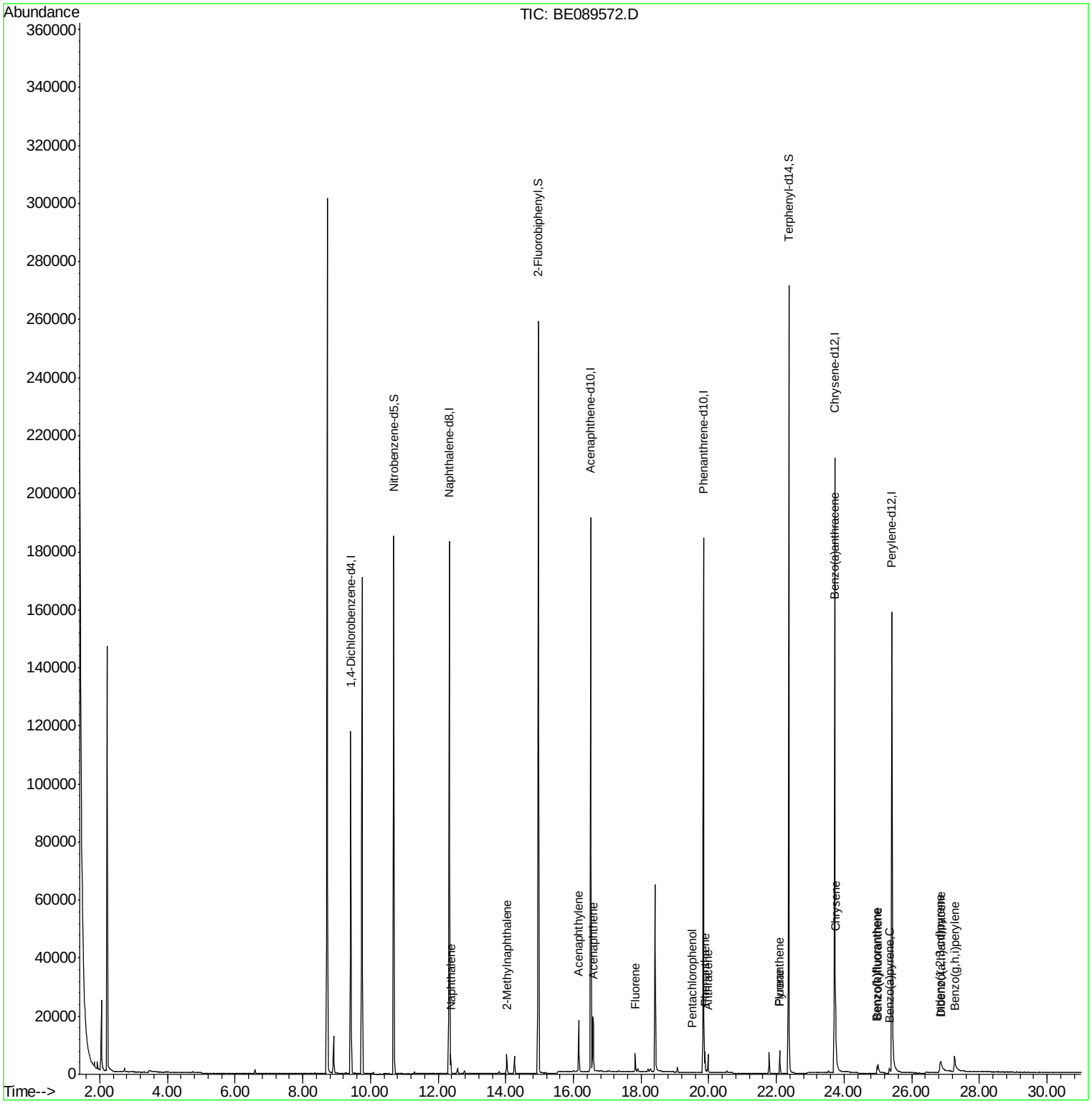
(#) = qualifier out of range (m) = manual integration (+) = signals summed

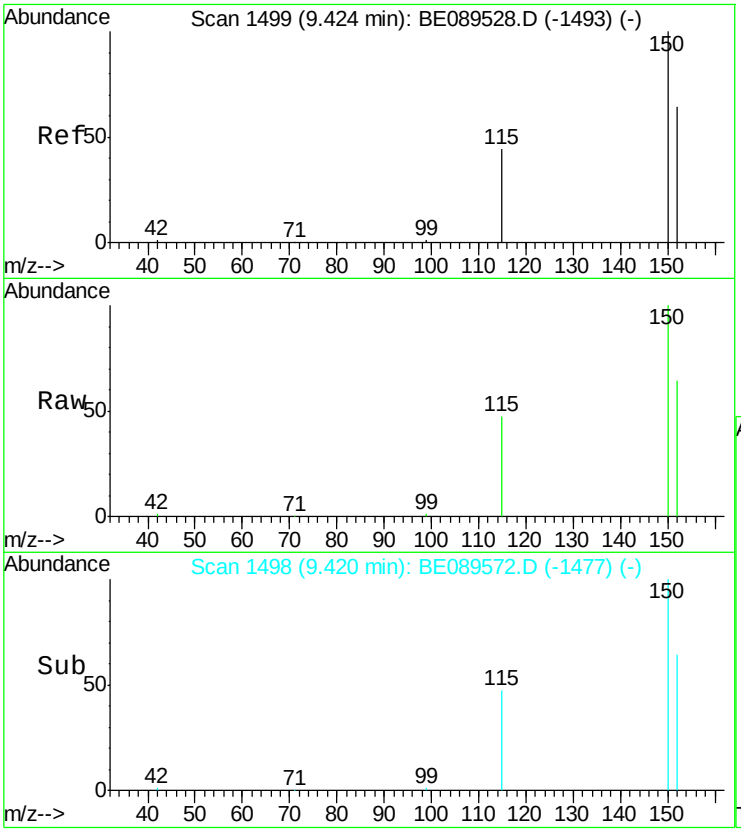
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
Data File : BE089572.D
Acq On : 8 Feb 2015 00:20
Operator : TP/IZ
Sample : MDL-03-W
Misc : MDL-WATER-0.2/0.4
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 09 00:24:16 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



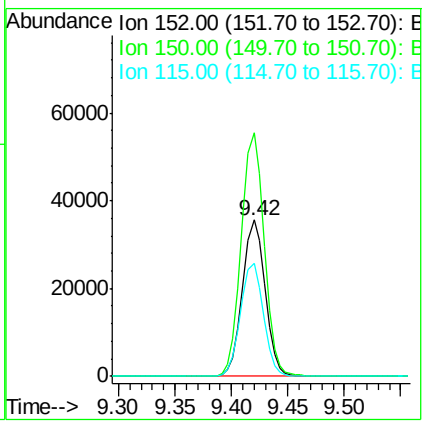


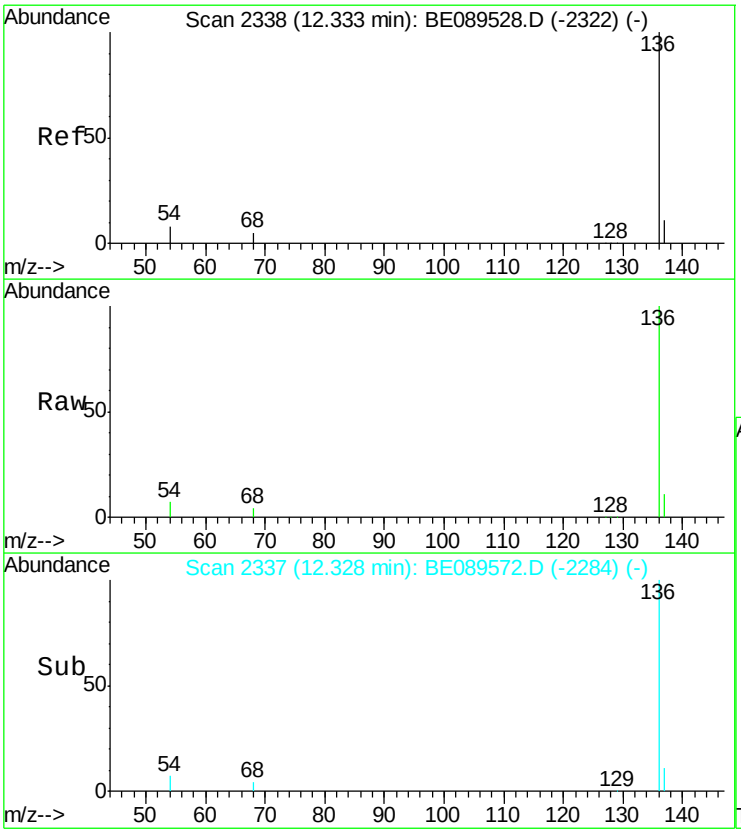
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.42 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BE089572.D
Acq: 8 Feb 2015 00:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 47949

Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.7	188.5
115	72.8	55.6	83.4

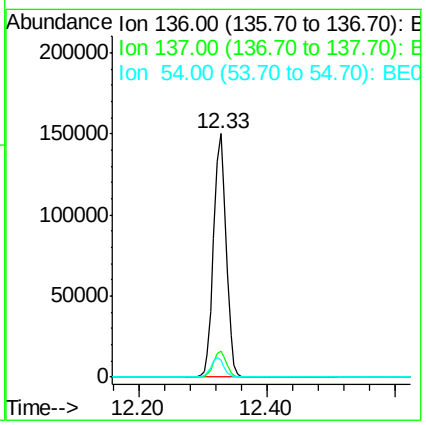


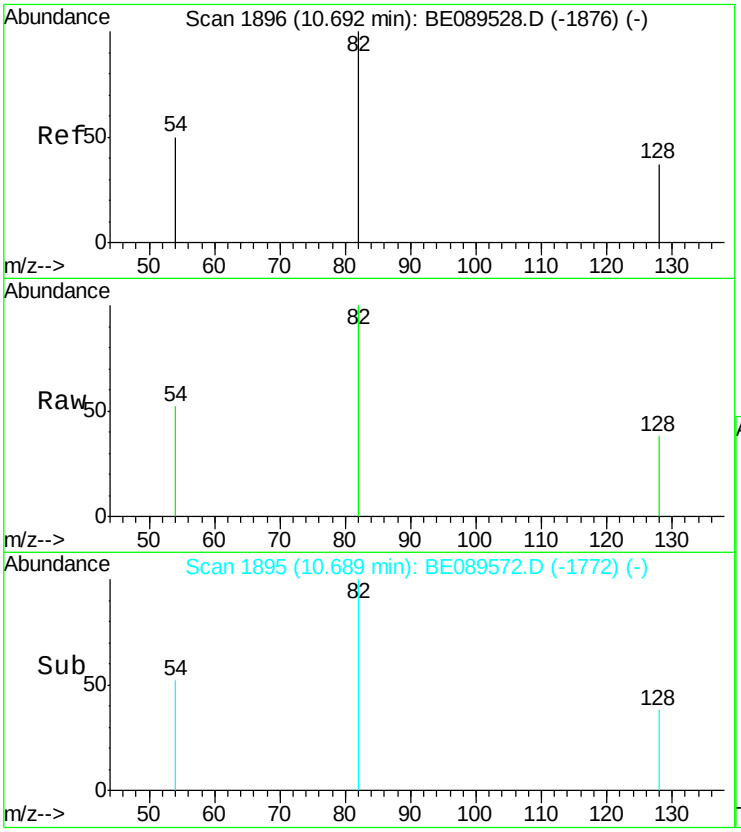


#2
Naphthalene-d8
Concen: 5.00 ng
RT: 12.33 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BE089572.D
Acq: 8 Feb 2015 00:20

Tgt Ion:136 Resp: 205056

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.0	6.1	9.1



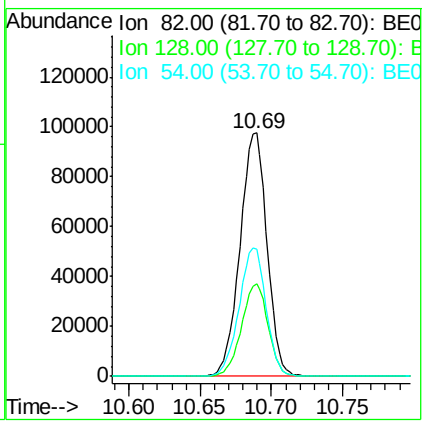


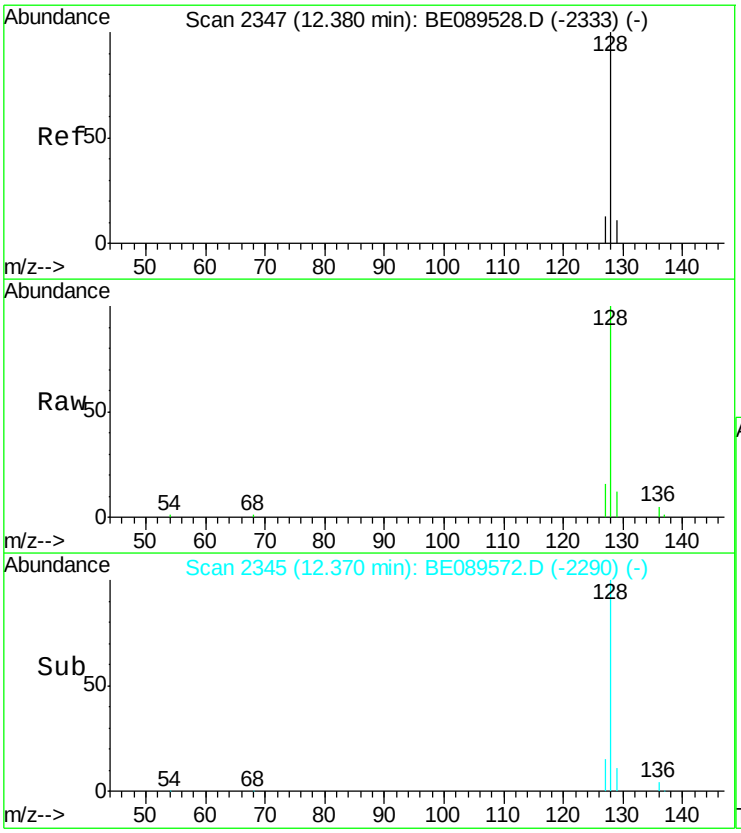
#3
Nitrobenzene-d5
Concen: 9.43 ng
RT: 10.69 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BE089572.D
Acq: 8 Feb 2015 00:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 128404

Ion	Ratio	Lower	Upper
82	100		
128	38.0	30.2	45.4
54	52.1	40.6	60.8

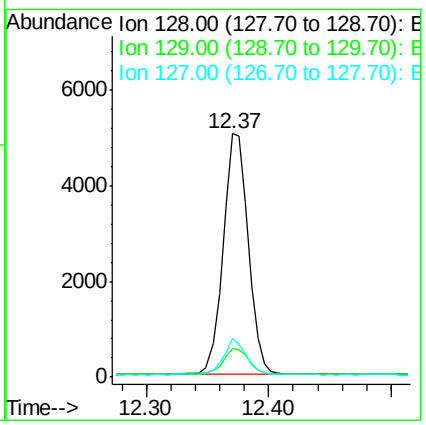


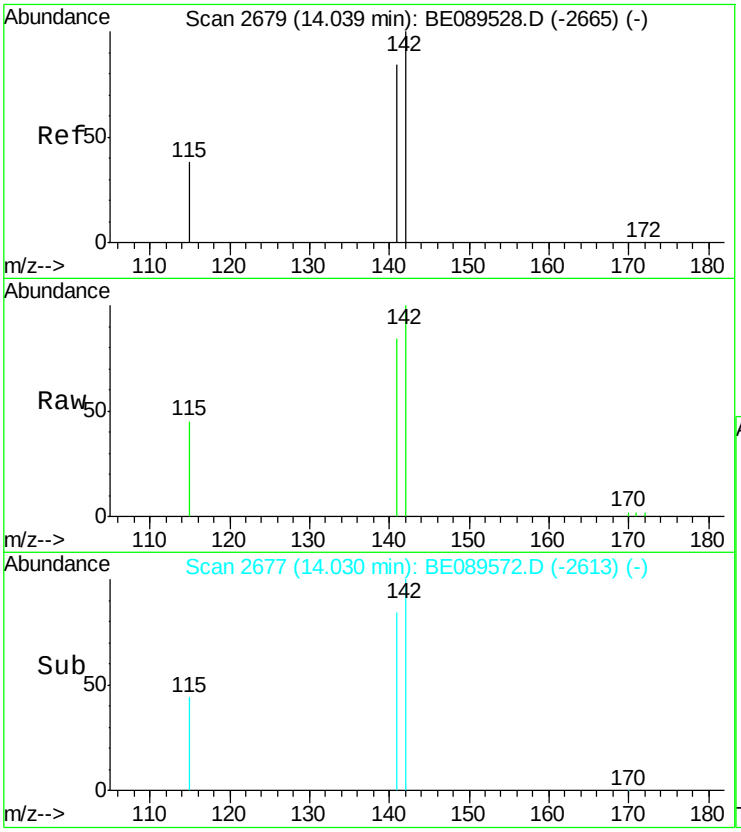


#4
Naphthalene
Concen: 0.16 ng
RT: 12.37 min Scan# 2345
Delta R.T. -0.01 min
Lab File: BE089572.D
Acq: 8 Feb 2015 00:20

Tgt Ion:128 Resp: 7212

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	15.8	10.5	15.7#



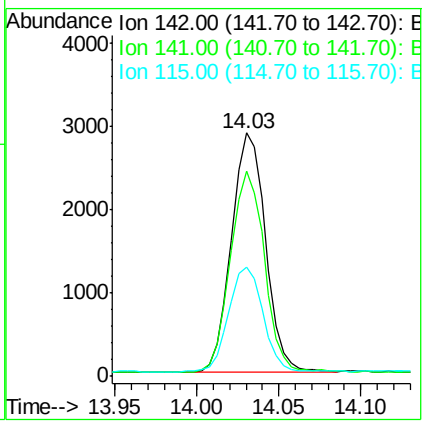


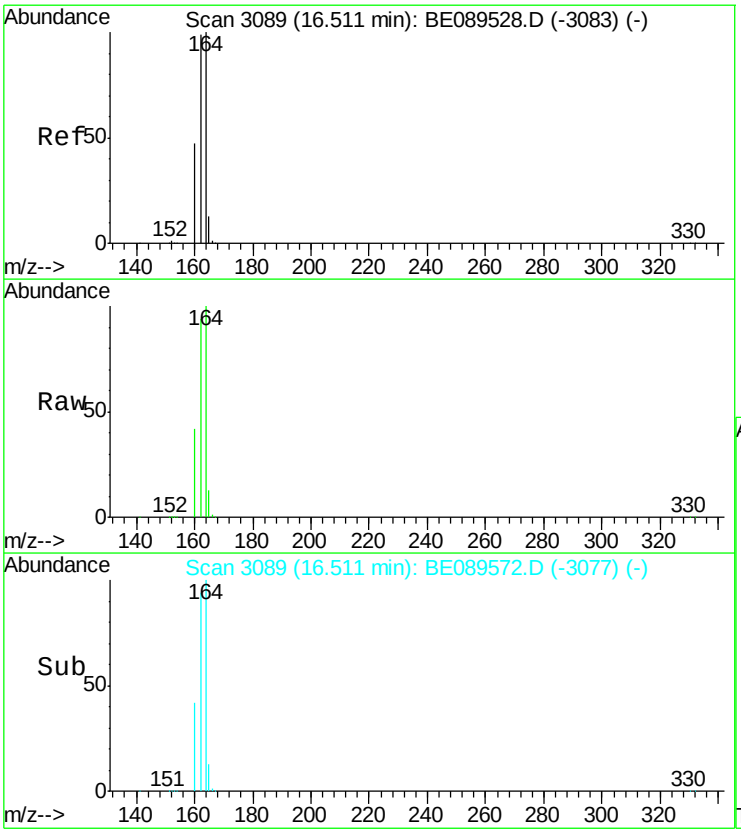
#5
2-Methylnaphthalene
Concen: 0.16 ng
RT: 14.03 min Scan# 2677
Delta R.T. -0.01 min
Lab File: BE089572.D
Acq: 8 Feb 2015 00:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 4139

Ion	Ratio	Lower	Upper
142	100		
141	84.1	67.0	100.6
115	45.0	30.6	45.8

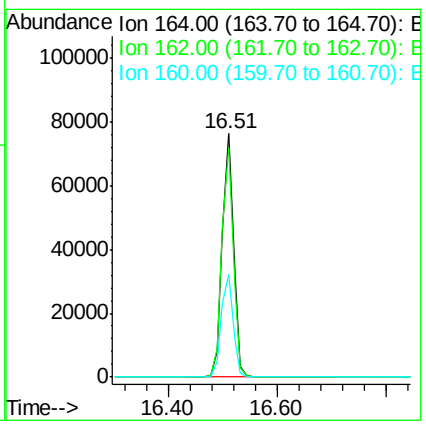


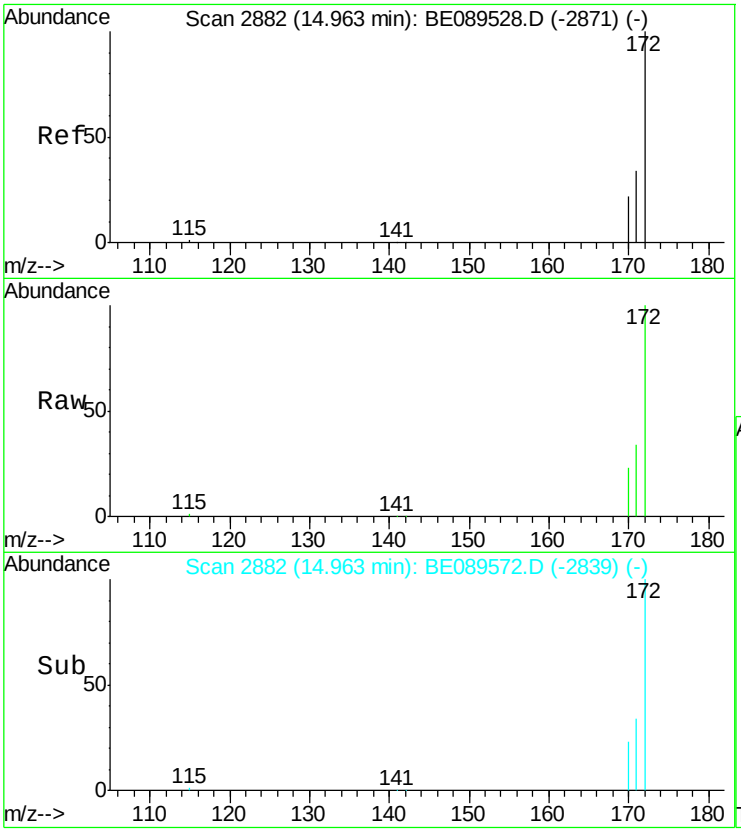


#6
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.51 min Scan# 3089
Delta R.T. 0.00 min
Lab File: BE089572.D
Acq: 8 Feb 2015 00:20

Tgt Ion:164 Resp: 109863

Ion	Ratio	Lower	Upper
164	100		
162	94.4	79.5	119.3
160	42.1	37.6	56.4



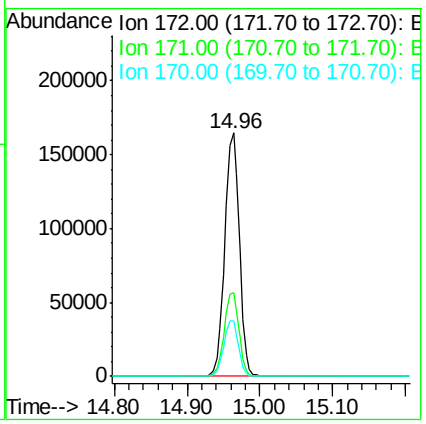


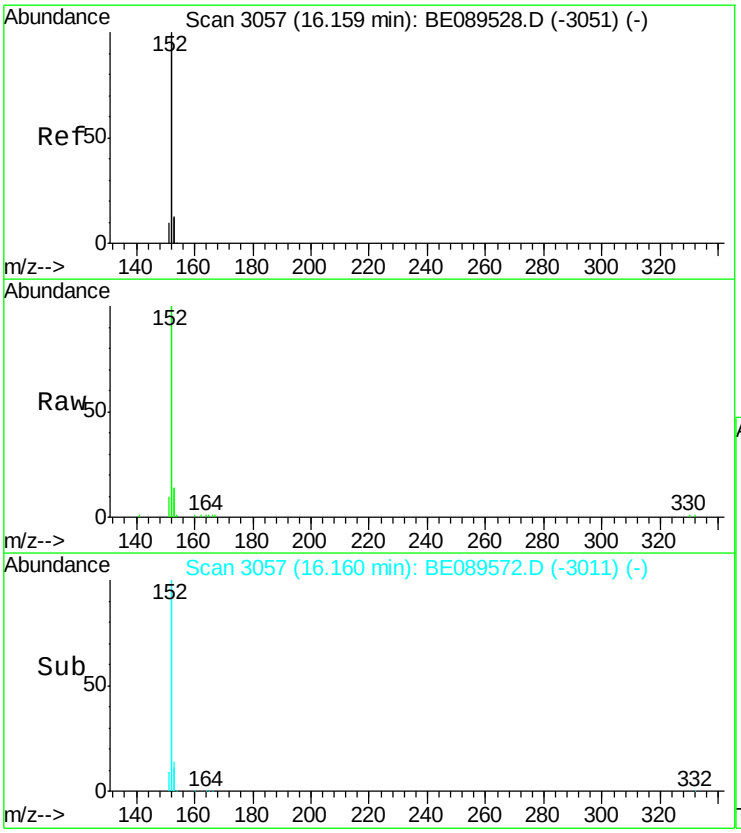
#7
2-Fluorobiphenyl
Concen: 7.84 ng
RT: 14.96 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BE089572.D
Acq: 8 Feb 2015 00:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 229878

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.7	41.5
170	22.5	18.3	27.5

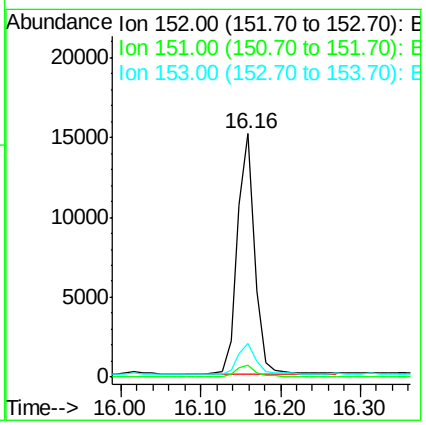


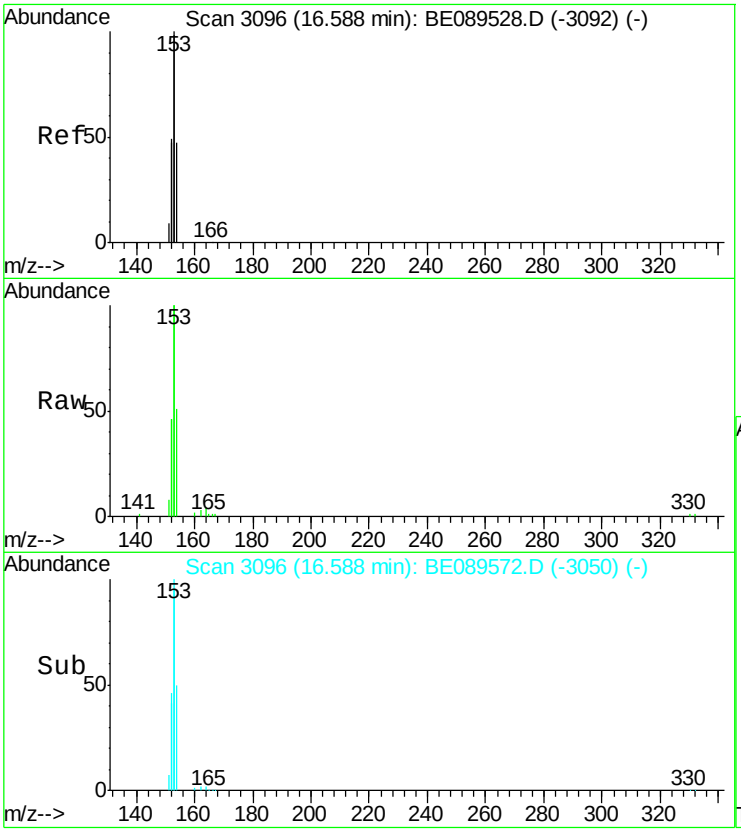


#8
Acenaphthylene
Concen: 0.12 ng
RT: 16.16 min Scan# 3057
Delta R.T. 0.00 min
Lab File: BE089572.D
Acq: 8 Feb 2015 00:20

Tgt Ion:152 Resp: 22505

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



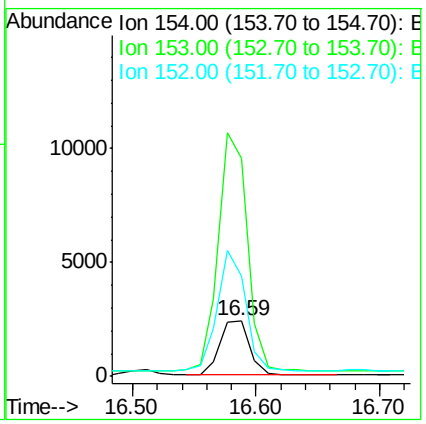


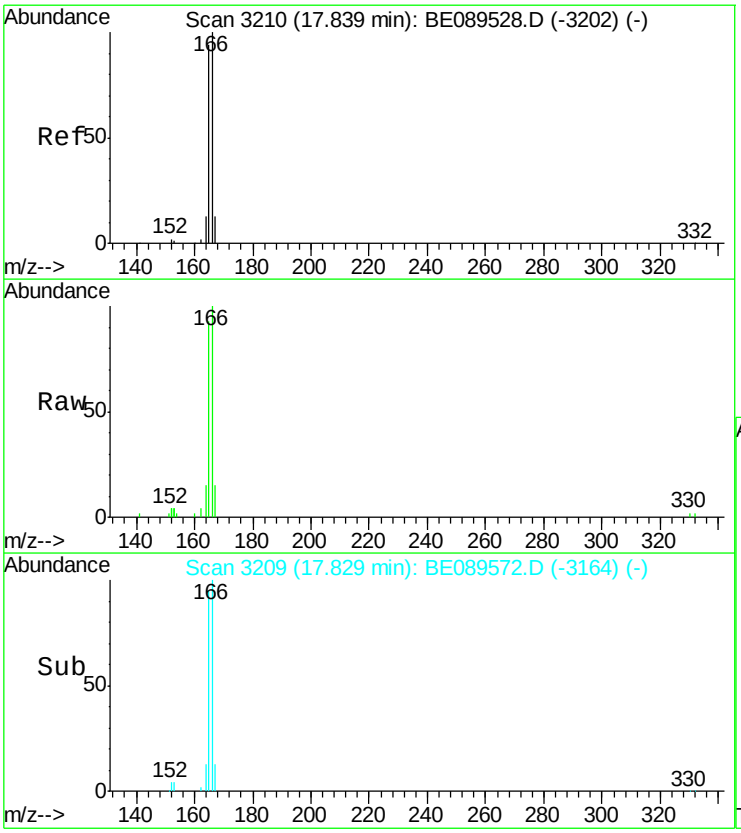
#9
Acenaphthene
Concen: 0.14 ng
RT: 16.59 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BE089572.D
Acq: 8 Feb 2015 00:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3978

Ion	Ratio	Lower	Upper
154	100		
153	424.5	340.8	511.2
152	208.8	165.5	248.3

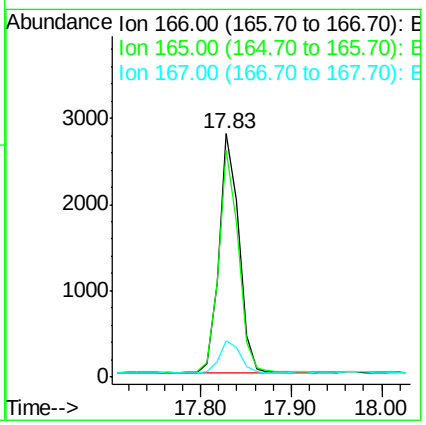


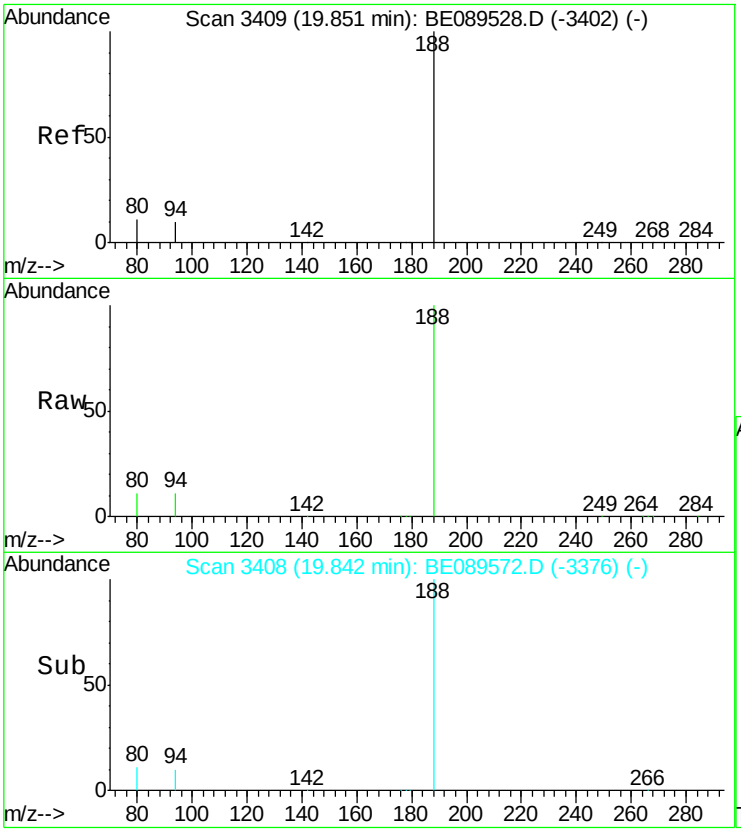


#10
Fluorene
Concen: 0.14 ng
RT: 17.83 min Scan# 3209
Delta R.T. -0.01 min
Lab File: BE089572.D
Acq: 8 Feb 2015 00:20

Tgt Ion:166 Resp: 4272

Ion	Ratio	Lower	Upper
166	100		
165	92.0	75.5	113.3
167	14.1	10.9	16.3



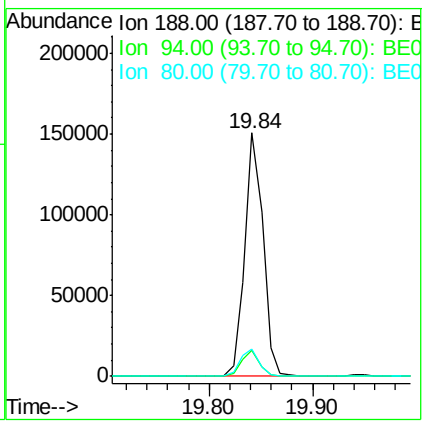


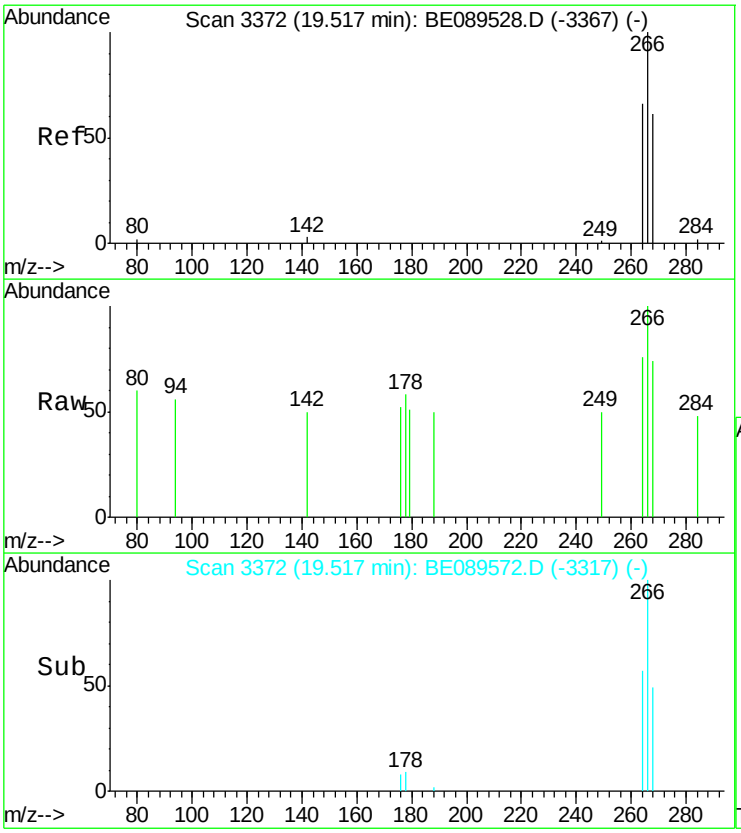
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.84 min Scan# 3408
Delta R.T. -0.01 min
Lab File: BE089572.D
Acq: 8 Feb 2015 00:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 183481

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.4	12.6
80	11.4	8.6	12.8

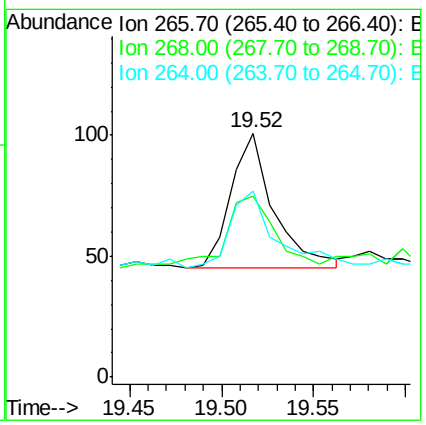


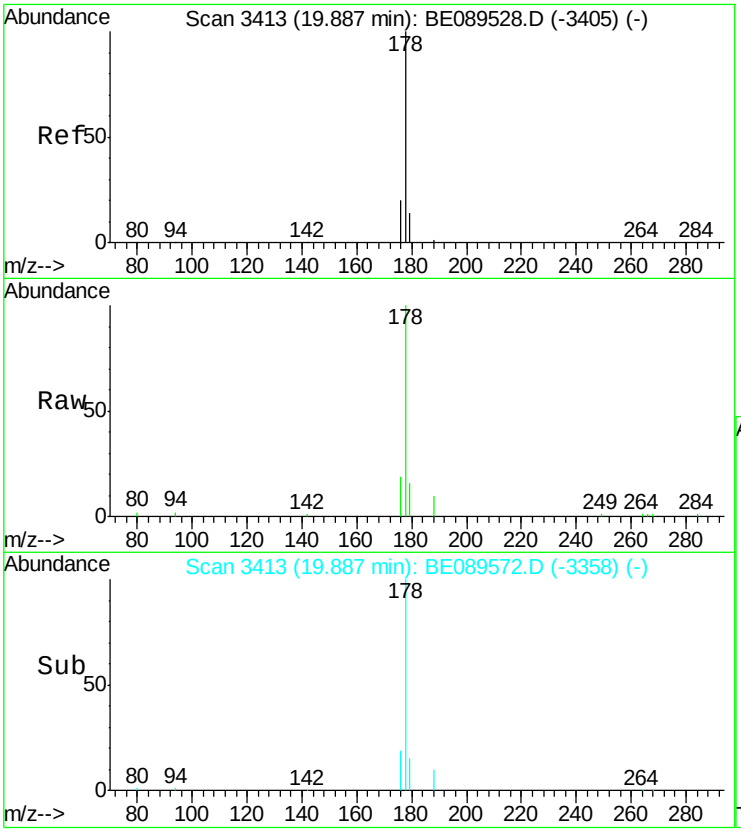


#12
Pentachlorophenol
Concen: 0.60 ng
RT: 19.52 min Scan# 3372
Delta R.T. 0.00 min
Lab File: BE089572.D
Acq: 8 Feb 2015 00:20

Tgt Ion:266 Resp: 91

Ion	Ratio	Lower	Upper
266	100		
268	74.3	57.9	86.9
264	76.2	60.2	90.4



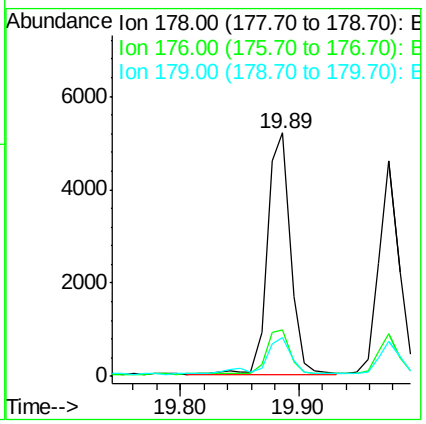


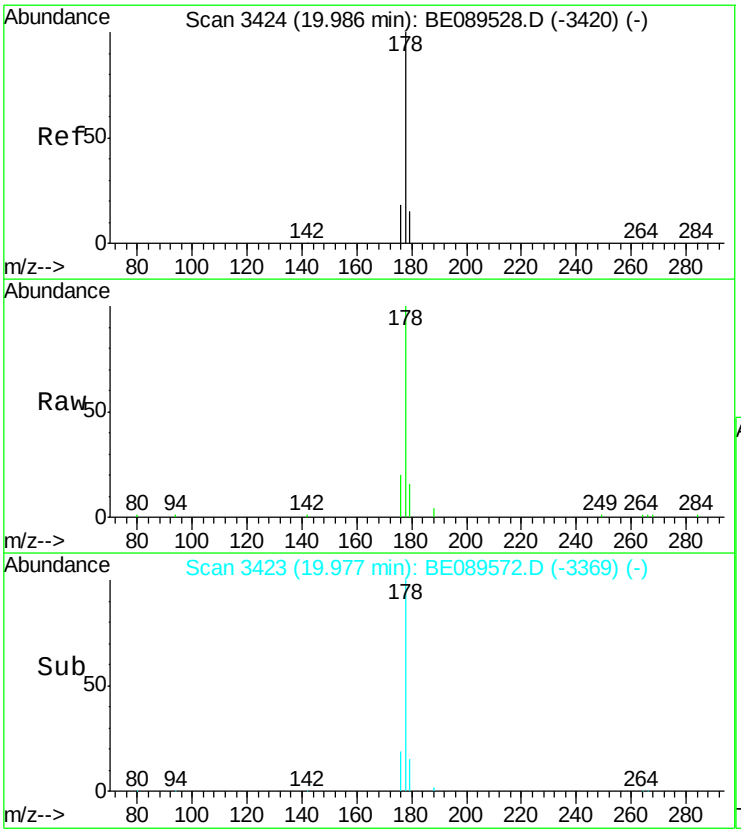
#13
Phenanthrene
Concen: 0.15 ng
RT: 19.89 min Scan# 3413
Delta R.T. -0.00 min
Lab File: BE089572.D
Acq: 8 Feb 2015 00:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 6947

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	17.7	12.2	18.2

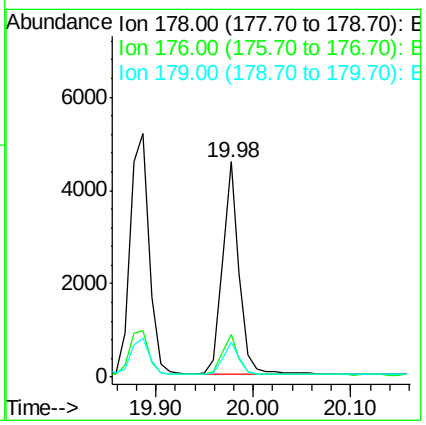


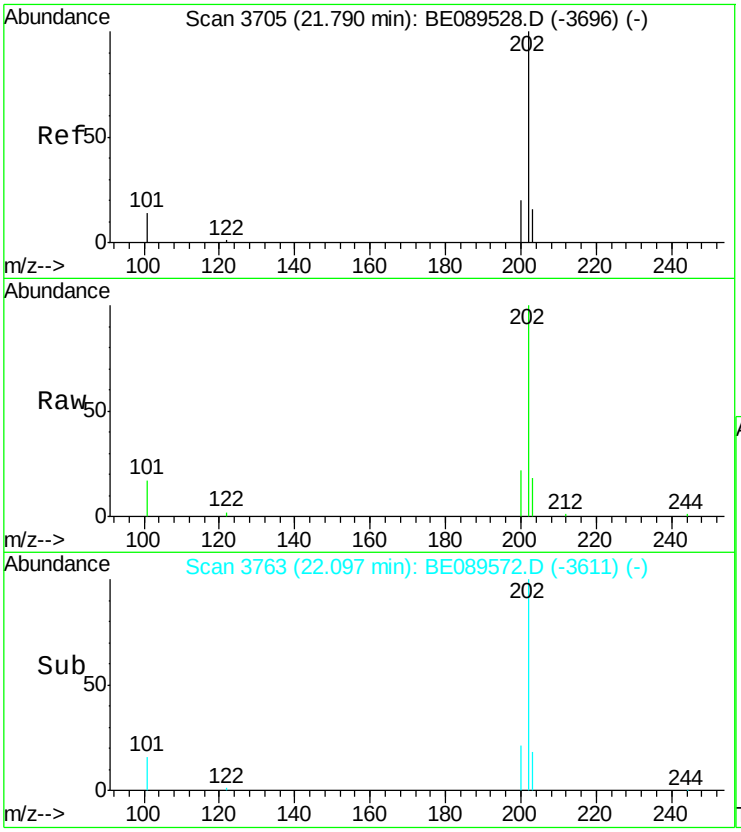


#14
Anthracene
Concen: 0.14 ng
RT: 19.98 min Scan# 3423
Delta R.T. -0.01 min
Lab File: BE089572.D
Acq: 8 Feb 2015 00:20

Tgt Ion:178 Resp: 5489

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.5	21.7
179	15.2	12.2	18.2



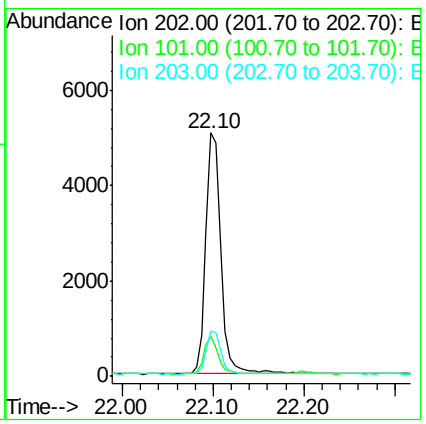


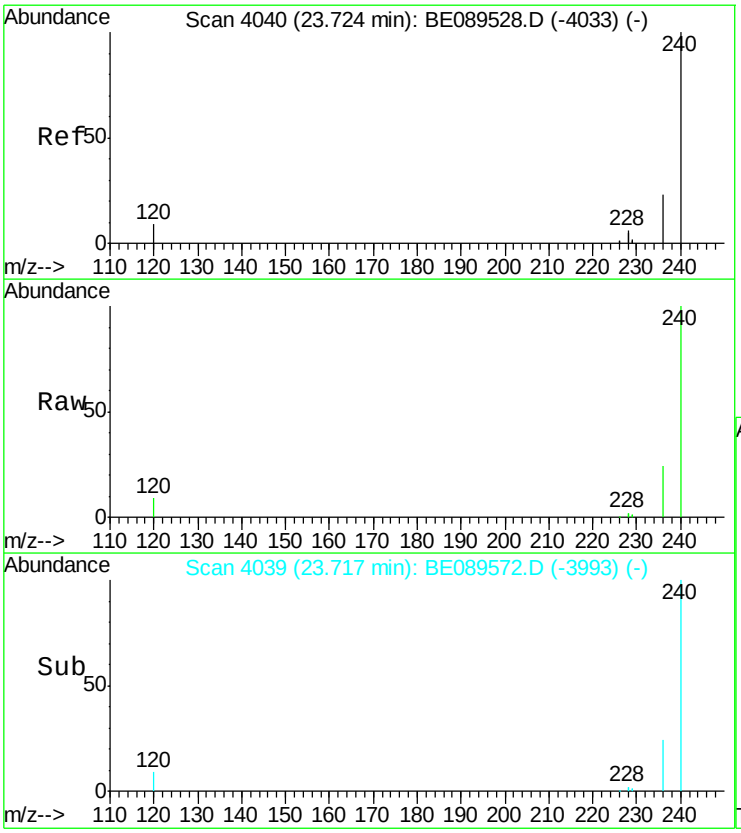
#15
Fluoranthene
Concen: 0.14 ng
RT: 22.10 min Scan# 3763
Delta R.T. 0.31 min
Lab File: BE089572.D
Acq: 8 Feb 2015 00:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 5890

Ion	Ratio	Lower	Upper
202	100		
101	14.9	11.6	17.4
203	17.7	13.6	20.4

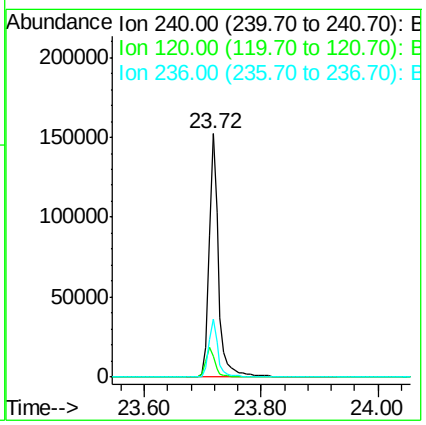


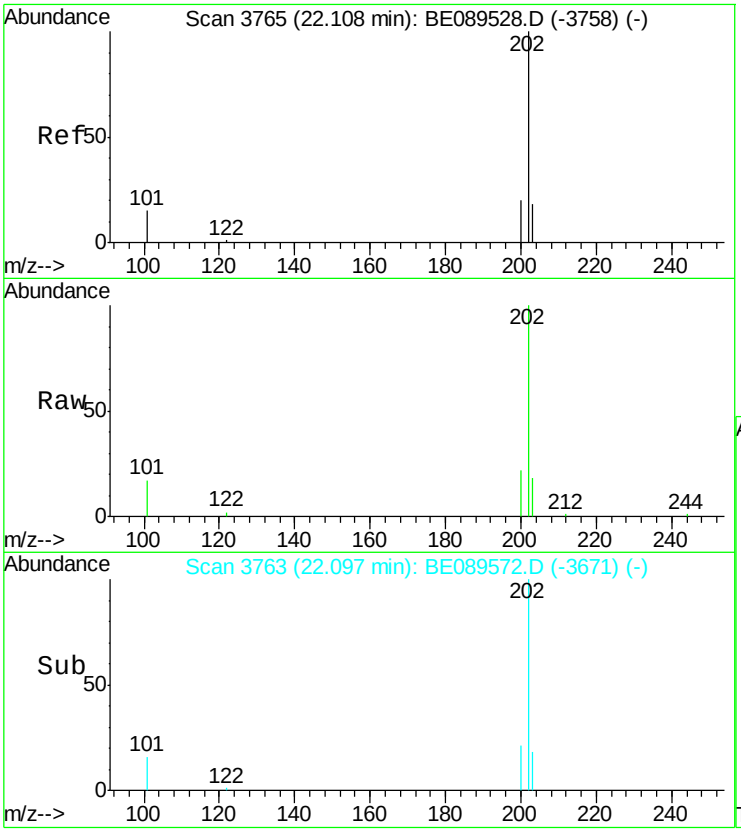


#16
Chrysene-d12
Concen: 5.00 ng
RT: 23.72 min Scan# 4039
Delta R.T. -0.01 min
Lab File: BE089572.D
Acq: 8 Feb 2015 00:20

Tgt Ion:240 Resp: 173129

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.2	10.8
236	24.1	18.5	27.7



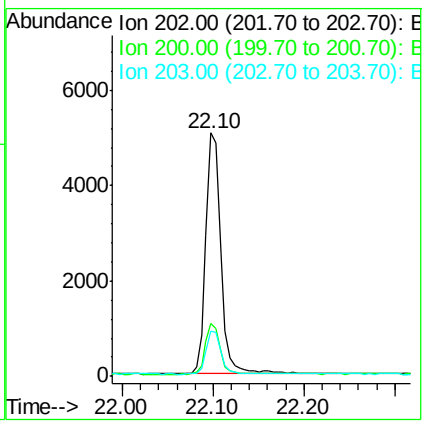


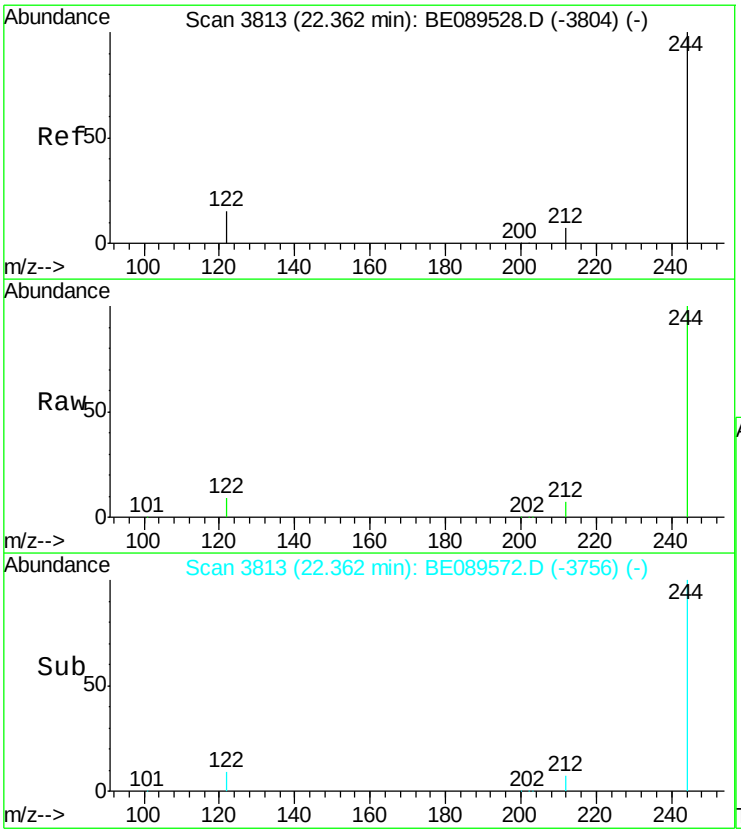
#17
Pyrene
Concen: 0.16 ng
RT: 22.10 min Scan# 3763
Delta R.T. -0.01 min
Lab File: BE089572.D
Acq: 8 Feb 2015 00:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 5890

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	17.7	13.5	20.3

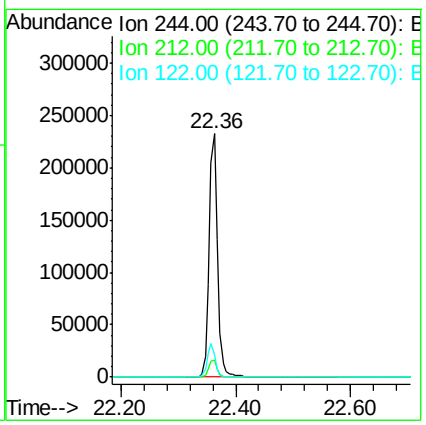


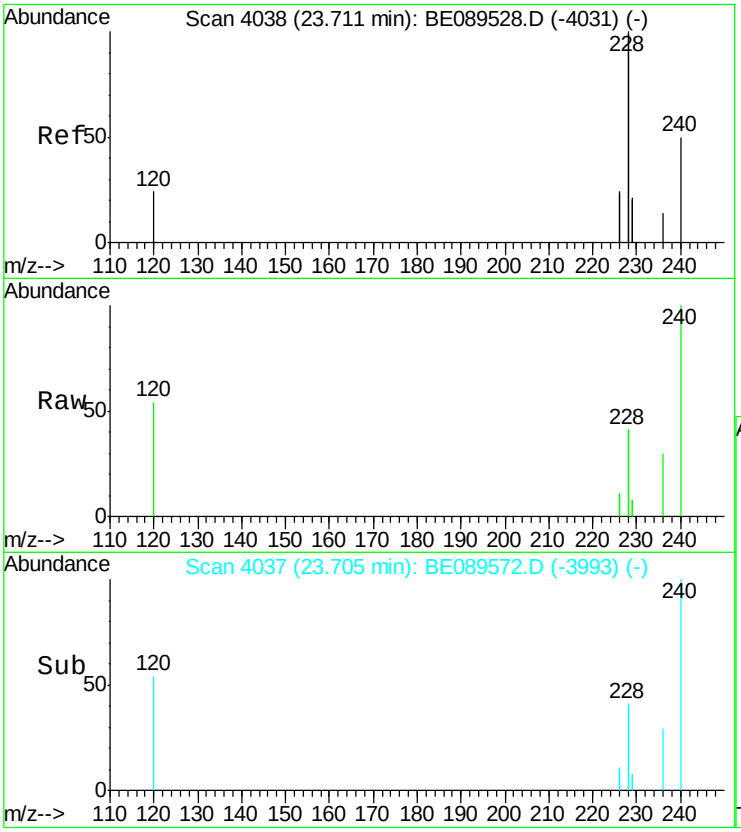


#18
Terphenyl-d14
Concen: 10.53 ng
RT: 22.36 min Scan# 3813
Delta R.T. 0.00 min
Lab File: BE089572.D
Acq: 8 Feb 2015 00:20

Tgt Ion:244 Resp: 240386

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	9.3	12.6	19.0#



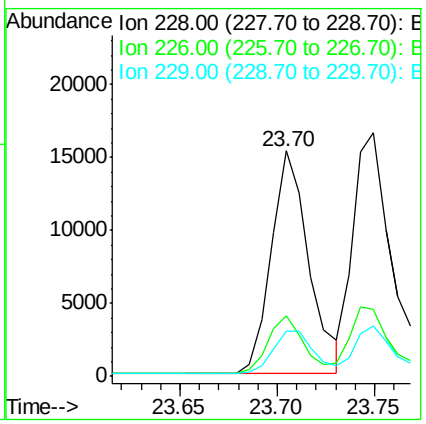


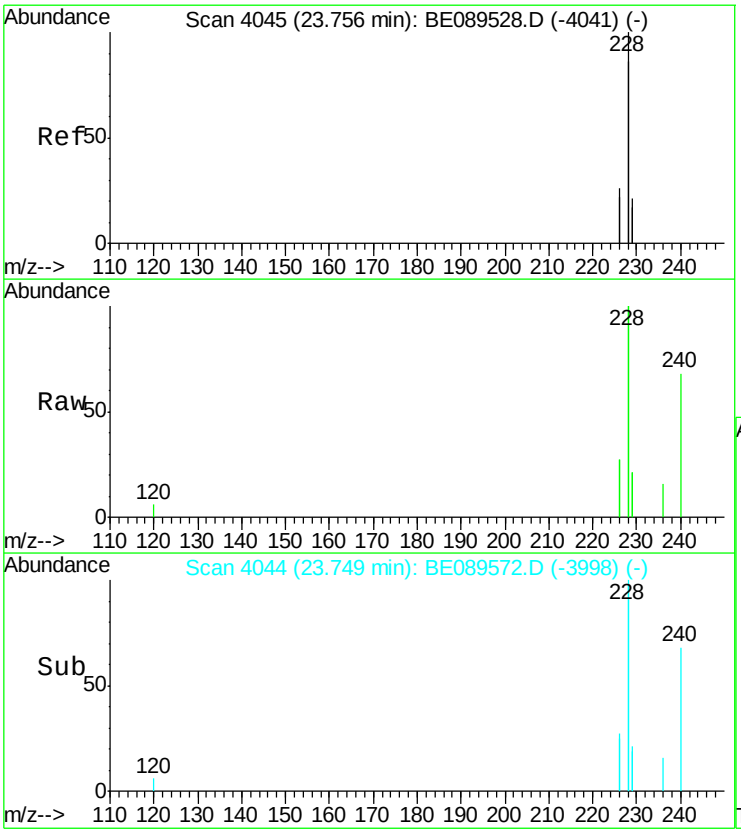
#19
Benzo(a)anthracene
Concen: 0.13 ng
RT: 23.70 min Scan# 4037
Delta R.T. -0.01 min
Lab File: BE089572.D
Acq: 8 Feb 2015 00:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 20556

Ion	Ratio	Lower	Upper
228	100		
226	27.1	19.0	28.4
229	20.0	16.8	25.2

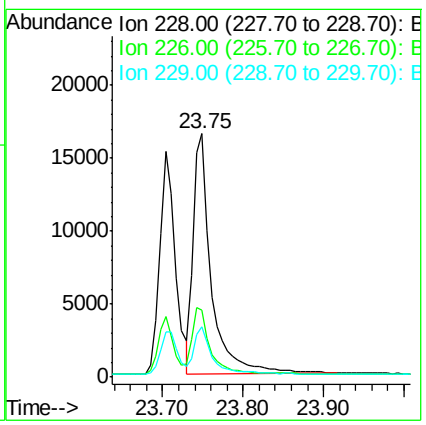


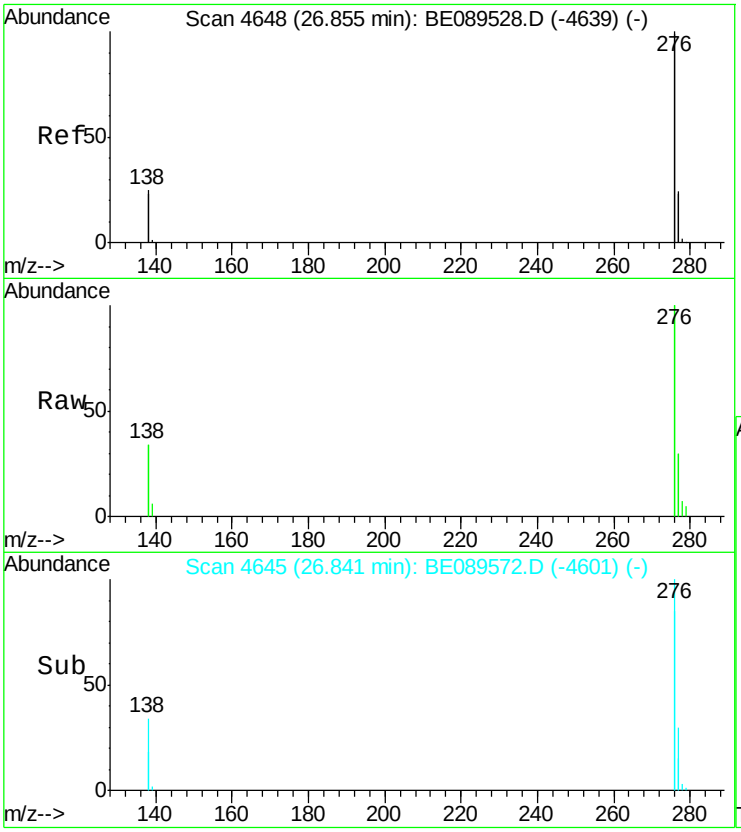


#20
Chrysene
Concen: 0.16 ng
RT: 23.75 min Scan# 4044
Delta R.T. -0.01 min
Lab File: BE089572.D
Acq: 8 Feb 2015 00:20

Tgt Ion:228 Resp: 25659

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.0	31.4
229	20.9	16.7	25.1



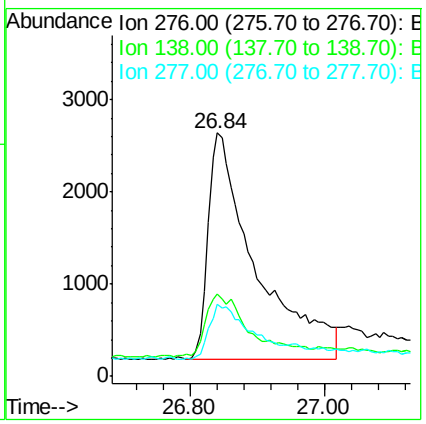


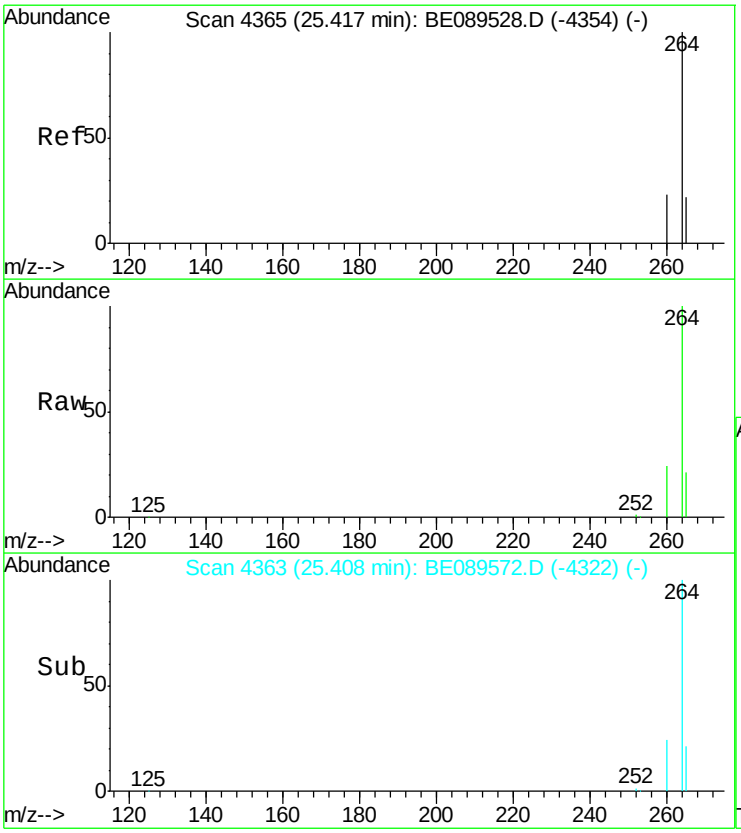
#21
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng
RT: 26.84 min Scan# 4645
Delta R.T. -0.01 min
Lab File: BE089572.D
Acq: 8 Feb 2015 00:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 11939

Ion	Ratio	Lower	Upper
276	100		
138	26.0	23.0	34.4
277	21.7	19.9	29.9

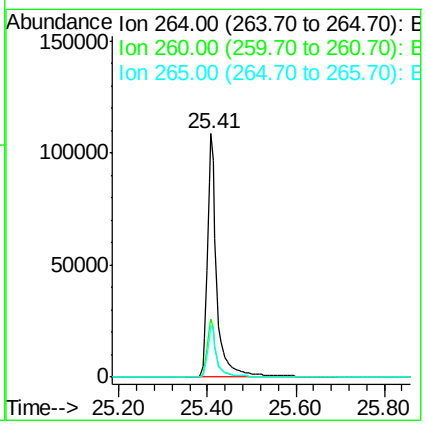


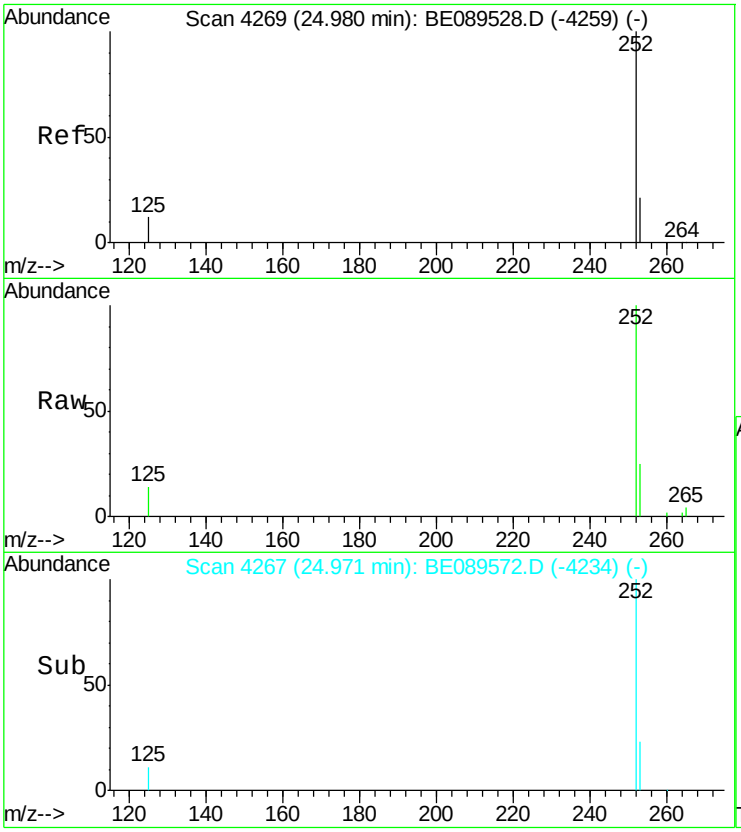


#22
Perylene-d12
Concen: 5.00 ng
RT: 25.41 min Scan# 4363
Delta R.T. -0.01 min
Lab File: BE089572.D
Acq: 8 Feb 2015 00:20

Tgt Ion:264 Resp: 159619

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.1	17.5	26.3



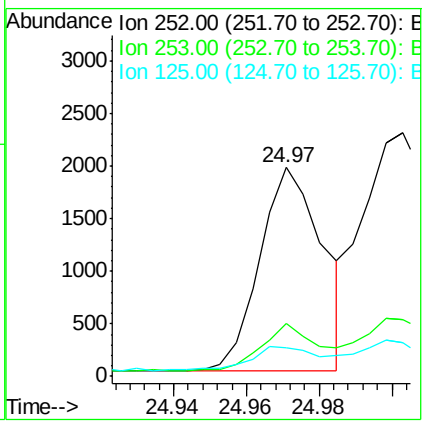


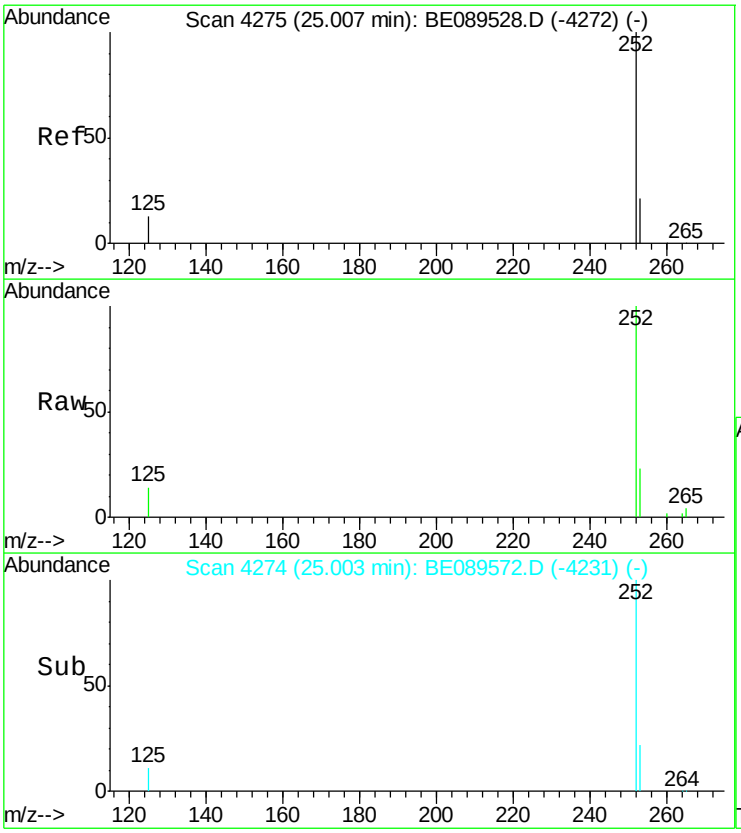
#23
Benzo(b)fluoranthene
Concen: 0.08 ng
RT: 24.97 min Scan# 4267
Delta R.T. -0.01 min
Lab File: BE089572.D
Acq: 8 Feb 2015 00:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2329

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.4	26.0
125	13.8	10.4	15.6

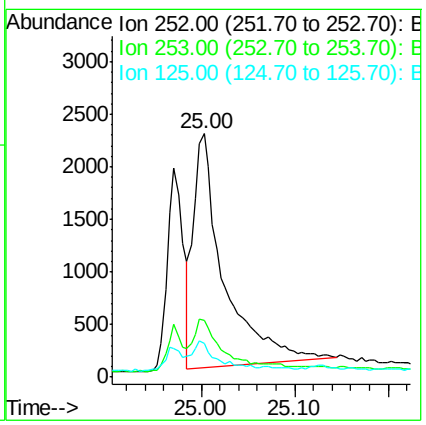


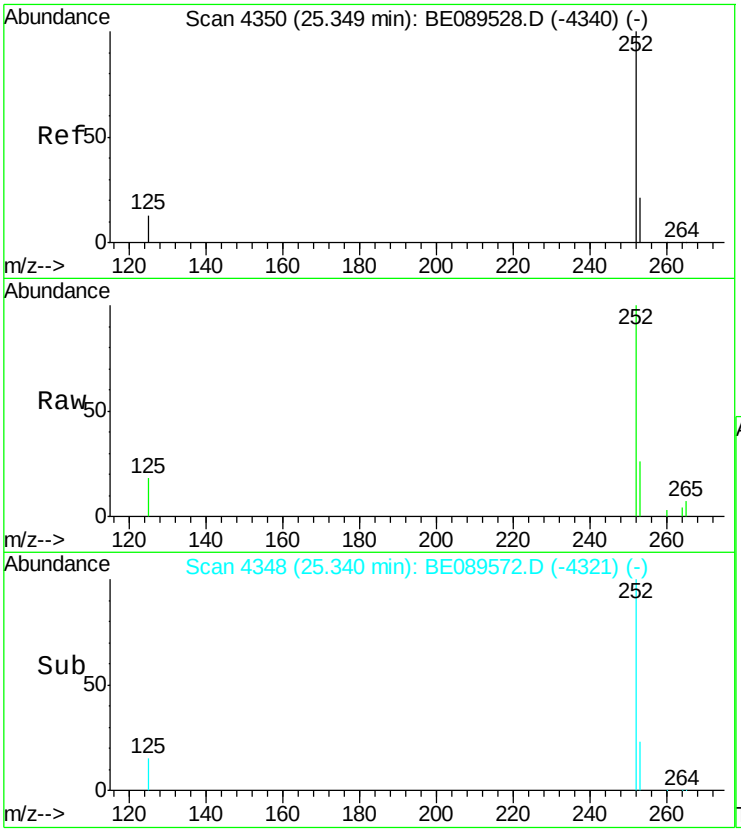


#24
Benzo(k)fluoranthene
Concen: 0.13 ng
RT: 25.00 min Scan# 4274
Delta R.T. -0.00 min
Lab File: BE089572.D
Acq: 8 Feb 2015 00:20

Tgt Ion:252 Resp: 4981

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	13.6	10.6	15.8



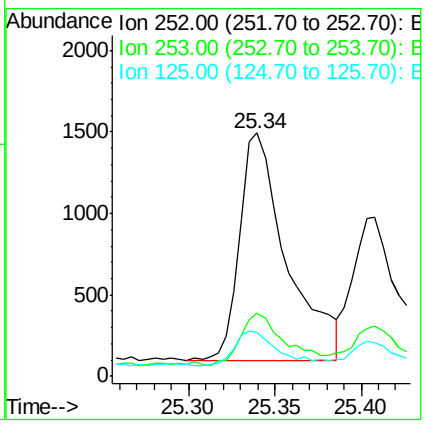


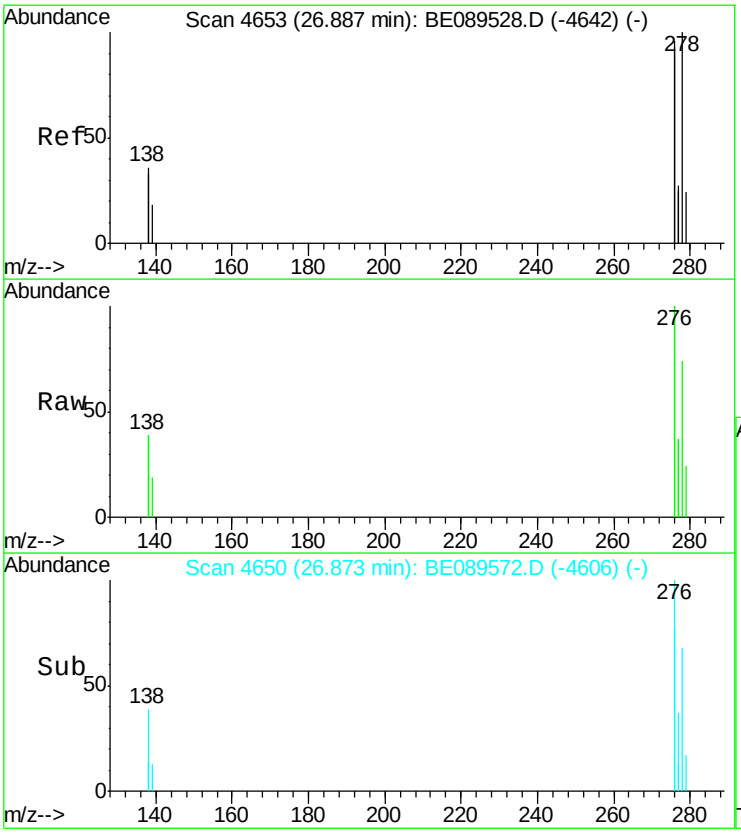
#25
Benzo(a)pyrene
Concen: 0.09 ng
RT: 25.34 min Scan# 4348
Delta R.T. -0.01 min
Lab File: BE089572.D
Acq: 8 Feb 2015 00:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2642

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.8	26.6
125	18.1	11.4	17.2#

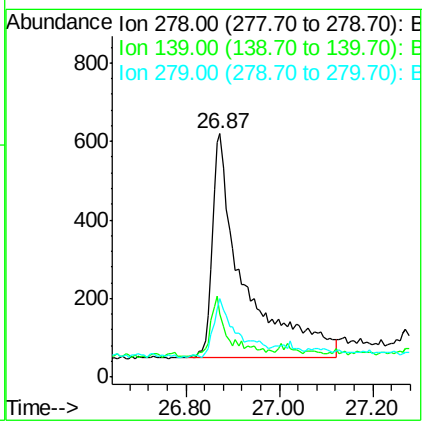


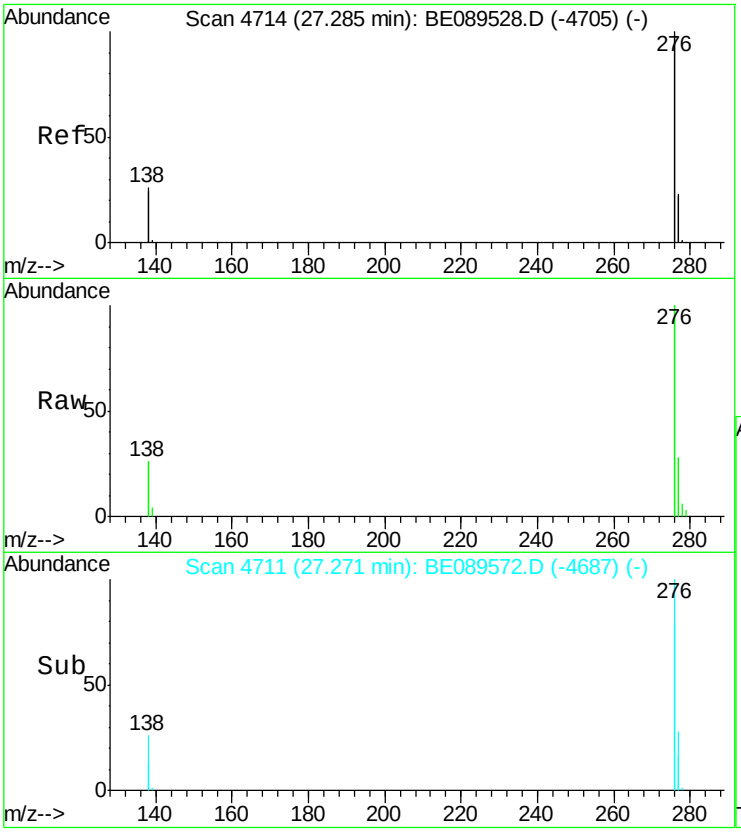


#26
Dibenzo(a,h)anthracene
Concen: 0.07 ng
RT: 26.87 min Scan# 4650
Delta R.T. -0.01 min
Lab File: BE089572.D
Acq: 8 Feb 2015 00:20

Tgt Ion:278 Resp: 2699

Ion	Ratio	Lower	Upper
278	100		
139	26.0	15.7	23.5#
279	32.1	19.5	29.3#





#27
Benzo(g,h,i)perylene
Concen: 0.09 ng
RT: 27.27 min Scan# 4711
Delta R.T. -0.01 min
Lab File: BE089572.D
Acq: 8 Feb 2015 00:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 13803

Ion	Ratio	Lower	Upper
276	100		
277	27.6	18.6	27.8
138	25.9	20.9	31.3