Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE102114\
Data File : BE088173.D
Acq On : 22 Oct 2014 9:42
Operator : TP/JJ
Sample : F4312-05DL 25X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : YS19-SB26-1014

Quant Time: Oct 22 11:22:34 2014
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BE102014.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 21 02:11:14 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	20903	5.00	ng		0.00
3) Naphthalene-d8	8.70	136	82853	5.00	ng		0.00
7) Acenaphthene-d10	10.85	164	44137	5.00	ng		0.00
12) Phenanthrene-d10	12.97	188	69576	5.00	ng		0.00
16) Chrysene-d12	18.38	240	48582	5.00	ng		0.00
22) Perylene-d12	21.44	264	43430	5.00	ng		0.00
System Monitoring Compounds							
4) Nitrobenzene-d5	7.82	82	18412	3.08	ng		0.00
8) 2-Fluorobiphenyl	10.04	172	42039	3.45	ng		0.00
18) Terphenyl-d14	16.15	244	34360	4.40	ng		0.00
Target Compounds							Qvalue
5) Naphthalene	8.72	128	3139	0.18	ng		98
6) 2-Methylnaphthalene	9.58	142	862	0.08	ng	#	94
9) Acenaphthylene	10.67	152	1777	0.03	ng	#	76
10) Acenaphthene	10.88	154	3934	0.38	ng		98
11) Fluorene	11.55	166	3923	0.36	ng		98
13) Phenanthrene	13.01	178	281814	5.52	ng		95
14) Anthracene	13.01	178	281814	5.19	ng		99
15) Fluoranthene	15.25	202	74472	5.63	ng		99
17) Pyrene	15.25	202	74282	5.62	ng		100
19) Benzo(a)anthracene	18.36	228	95534	2.21	ng		99
20) Chrysene	18.44	228	99731	2.35	ng		97
21) Indeno(1,2,3-cd)pyrene	23.63	276	45667	0.97	ng	#	88
23) Benzo(b)fluoranthene	20.69	252	25519	2.47	ng		98
24) Benzo(k)fluoranthene	20.74	252	10914	0.99	ng		97
25) Benzo(a)pyrene	21.32	252	17042	1.79	ng		98
26) Dibenzo(a,h)anthracene	23.72	278	2263	0.24	ng	#	89
27) Benzo(g,h,i)perylene	24.26	276	43592	1.06	ng		99

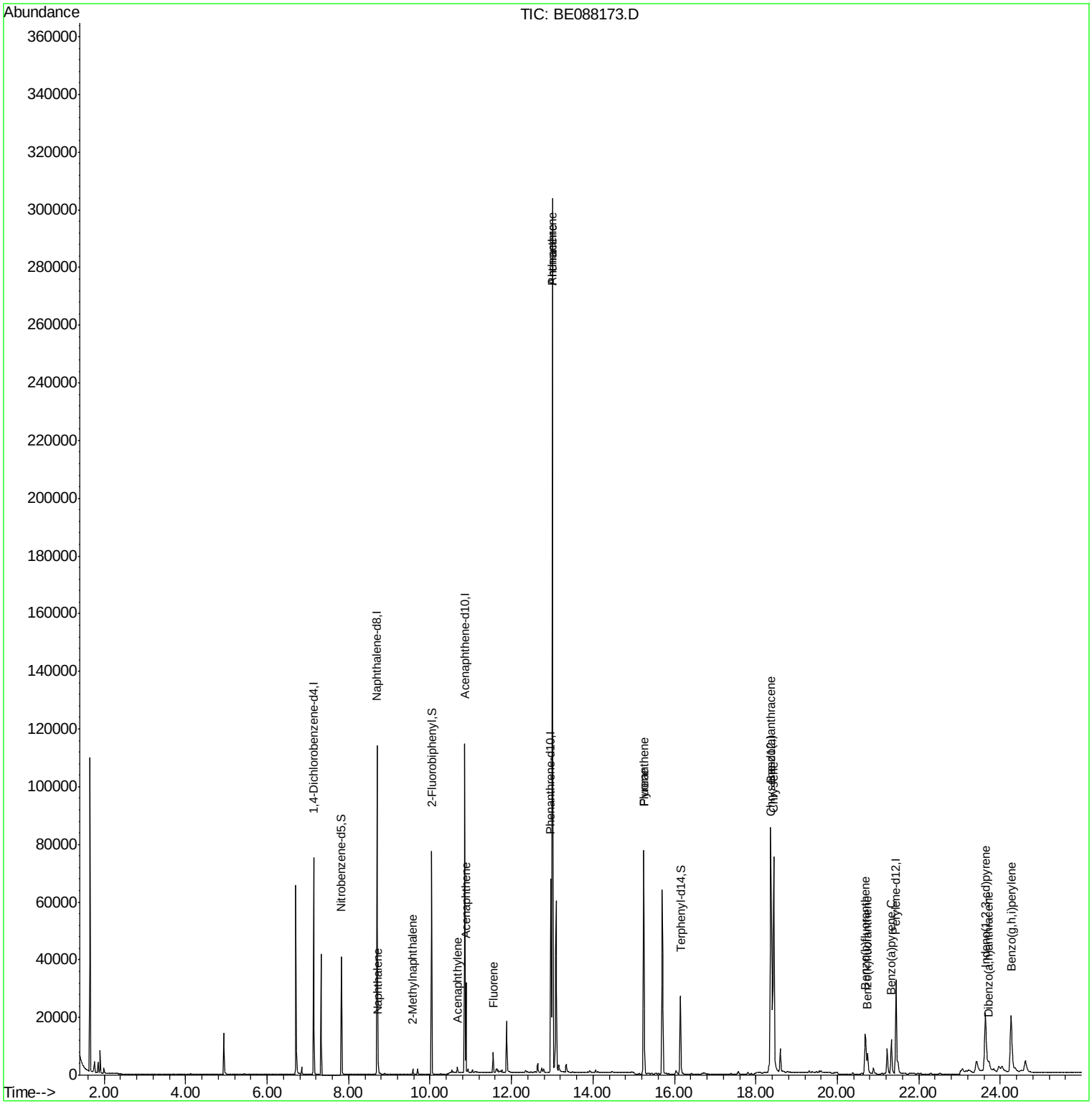
(#) = qualifier out of range (m) = manual integration (+) = signals summed

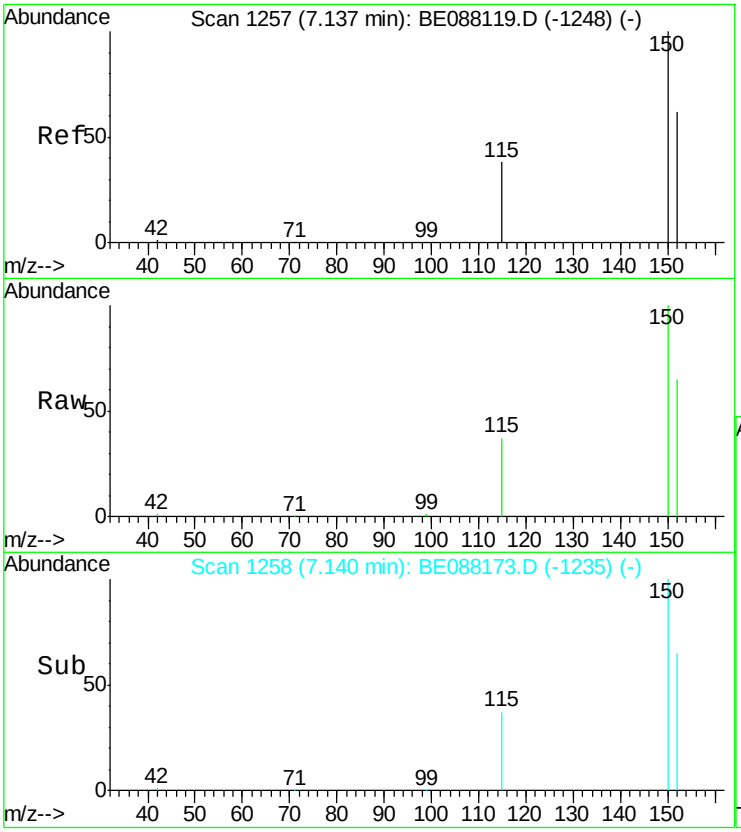
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE102114\
Data File : BE088173.D
Acq On : 22 Oct 2014 9:42
Operator : TP/JJ
Sample : F4312-05DL 25X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
YS19-SB26-1014

Quant Time: Oct 22 11:22:34 2014
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BE102014.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 21 02:11:14 2014
Response via : Initial Calibration



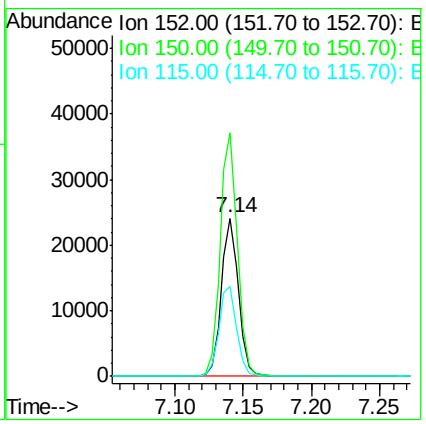


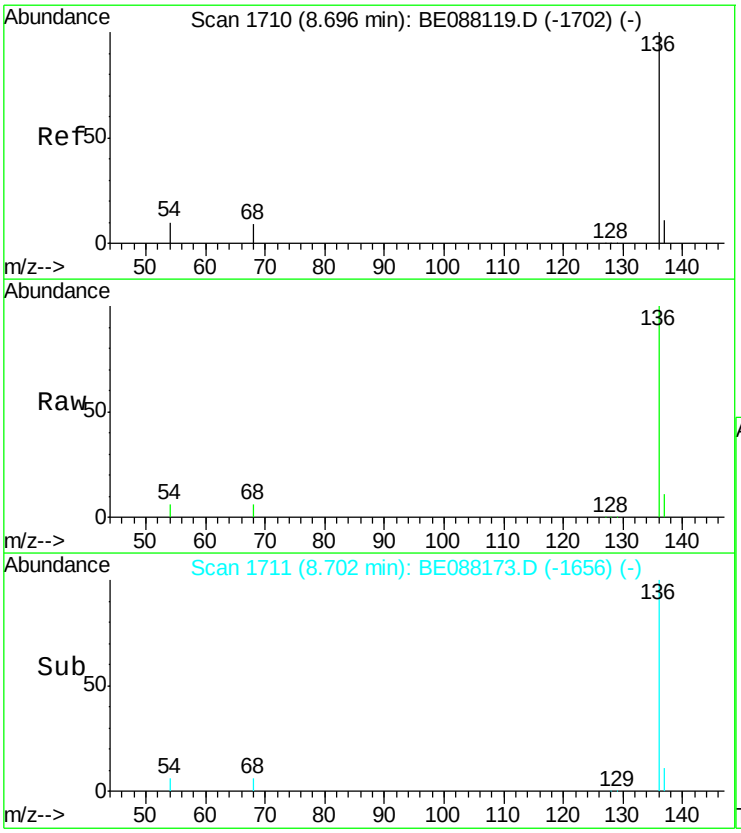
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.14 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BE088173.D
Acq: 22 Oct 2014 9:42

Instrument :
BNA_E
ClientSampleId :
YS19-SB26-1014

Tgt Ion:152 Resp: 20903

Ion	Ratio	Lower	Upper
152	100		
150	154.2	129.2	193.8
115	56.6	49.3	73.9

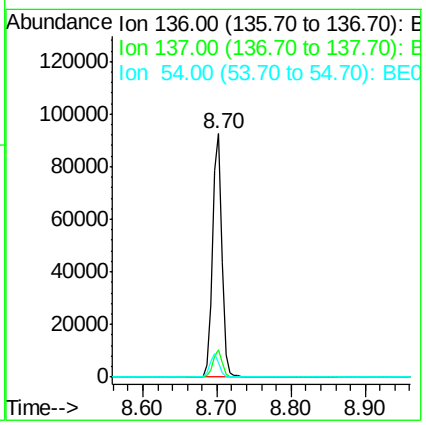


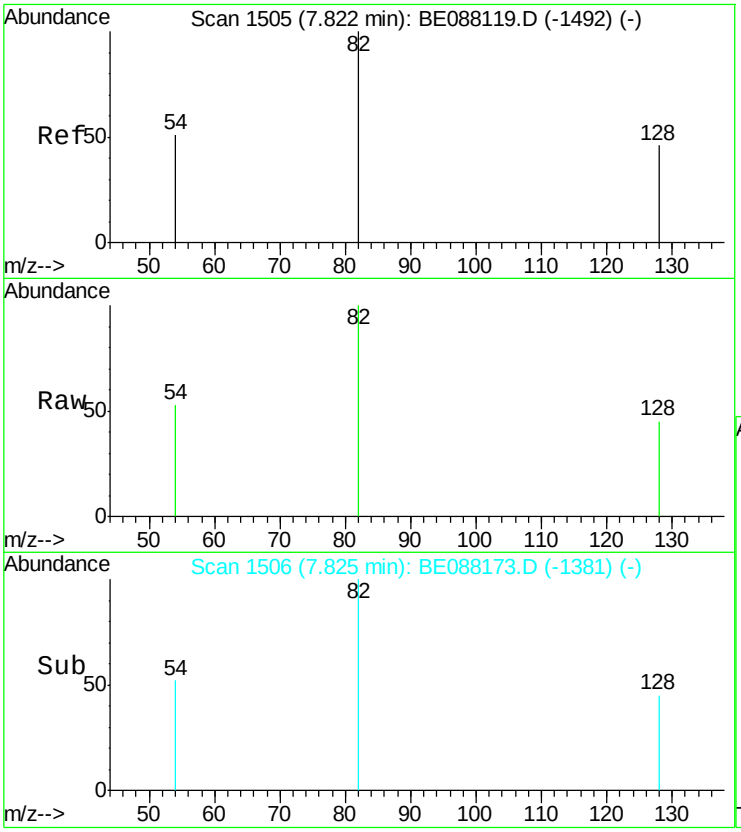


#3
Naphthalene-d8
Concen: 5.00 ng
RT: 8.70 min Scan# 1711
Delta R.T. 0.01 min
Lab File: BE088173.D
Acq: 22 Oct 2014 9:42

Tgt Ion:136 Resp: 82853

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	6.1	7.7	11.5#



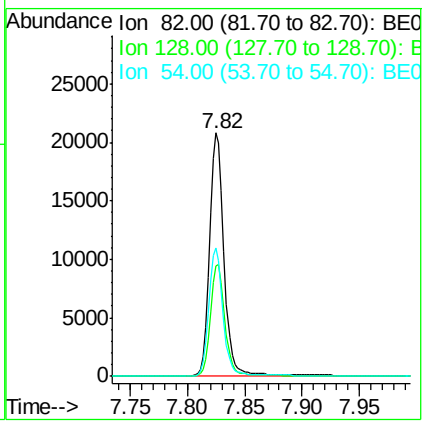


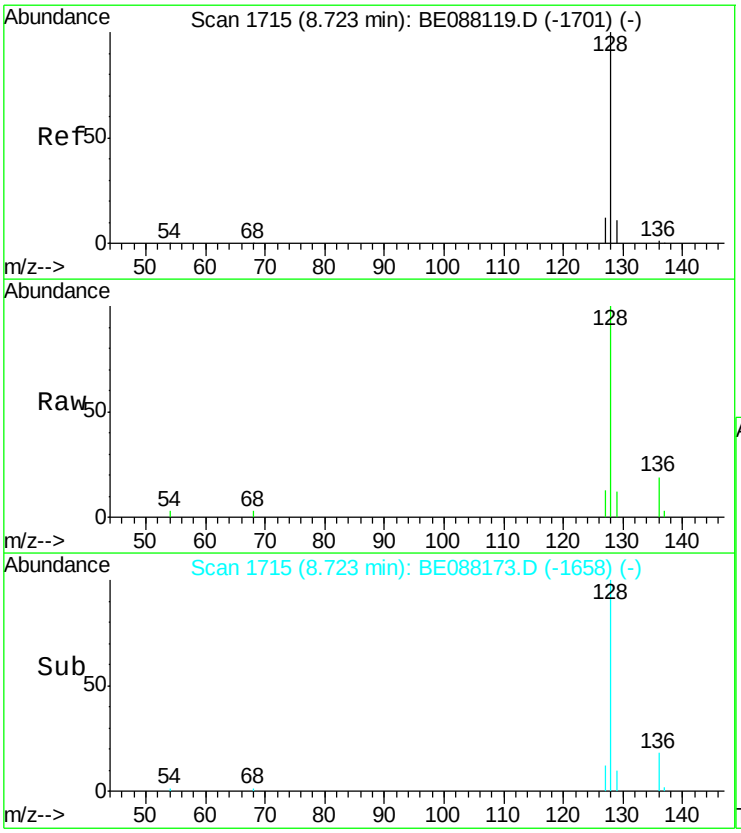
#4
Nitrobenzene-d5
Concen: 3.08 ng
RT: 7.82 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BE088173.D
Acq: 22 Oct 2014 9:42

Instrument :
BNA_E
ClientSampleId :
YS19-SB26-1014

Tgt Ion: 82 Resp: 18412

Ion	Ratio	Lower	Upper
82	100		
128	45.2	37.1	55.7
54	52.6	41.1	61.7

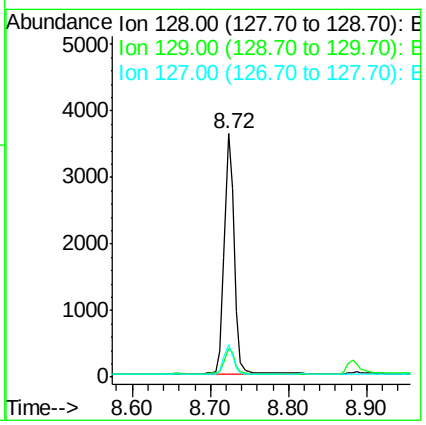


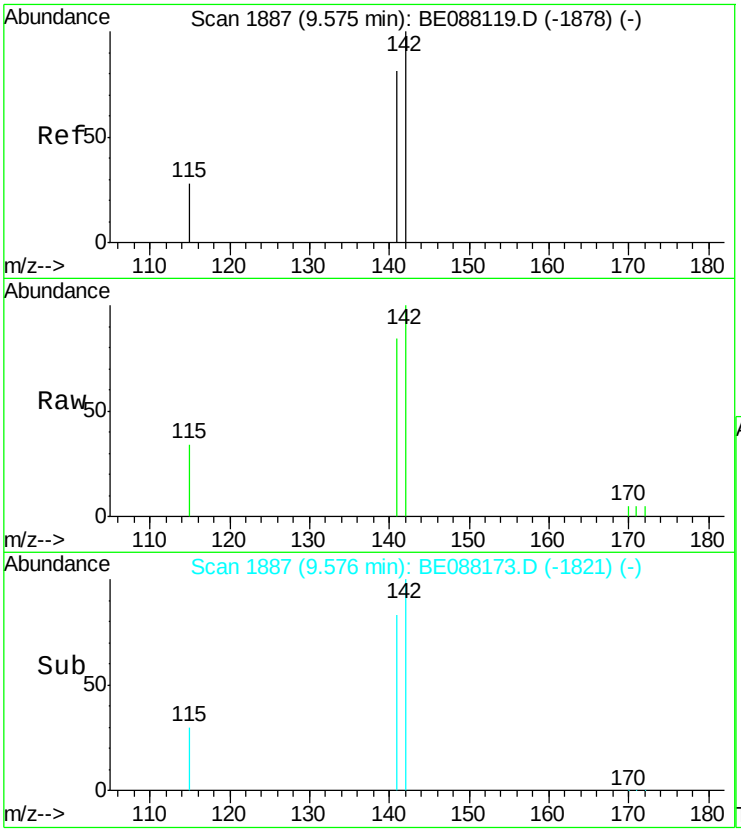


#5
Naphthalene
Concen: 0.18 ng
RT: 8.72 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BE088173.D
Acq: 22 Oct 2014 9:42

Tgt Ion:128 Resp: 3139

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.9	13.3
127	13.1	9.7	14.5



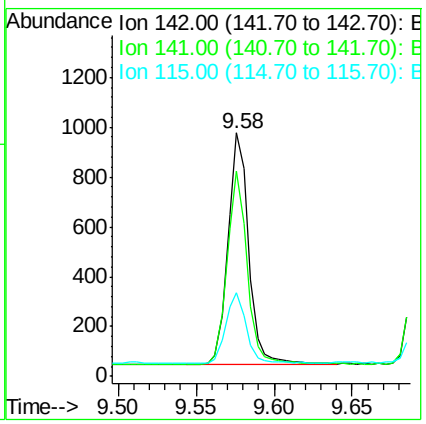


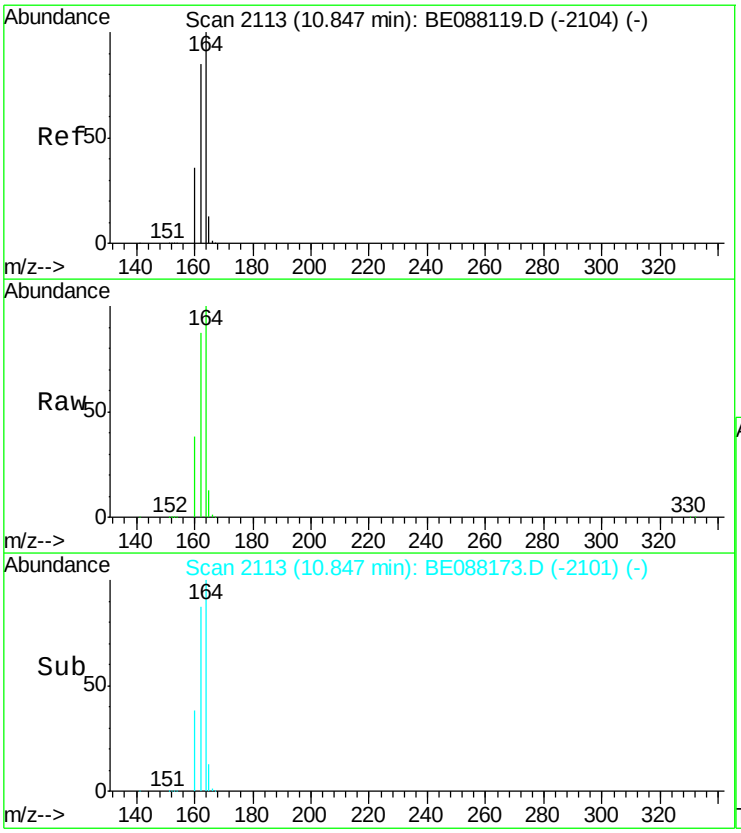
#6
2-Methylnaphthalene
Concen: 0.08 ng
RT: 9.58 min Scan# 1887
Delta R.T. 0.00 min
Lab File: BE088173.D
Acq: 22 Oct 2014 9:42

Instrument :
BNA_E
ClientSampleId :
YS19-SB26-1014

Tgt Ion:142 Resp: 862

Ion	Ratio	Lower	Upper
142	100		
141	84.2	64.6	97.0
115	34.2	22.6	34.0#

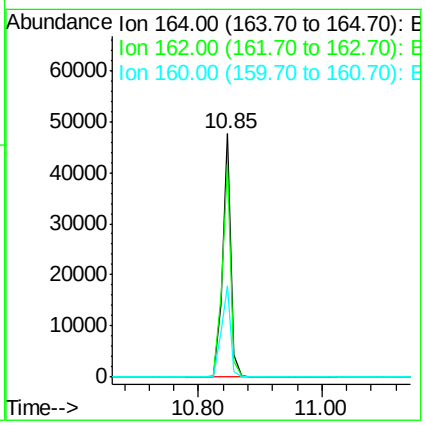


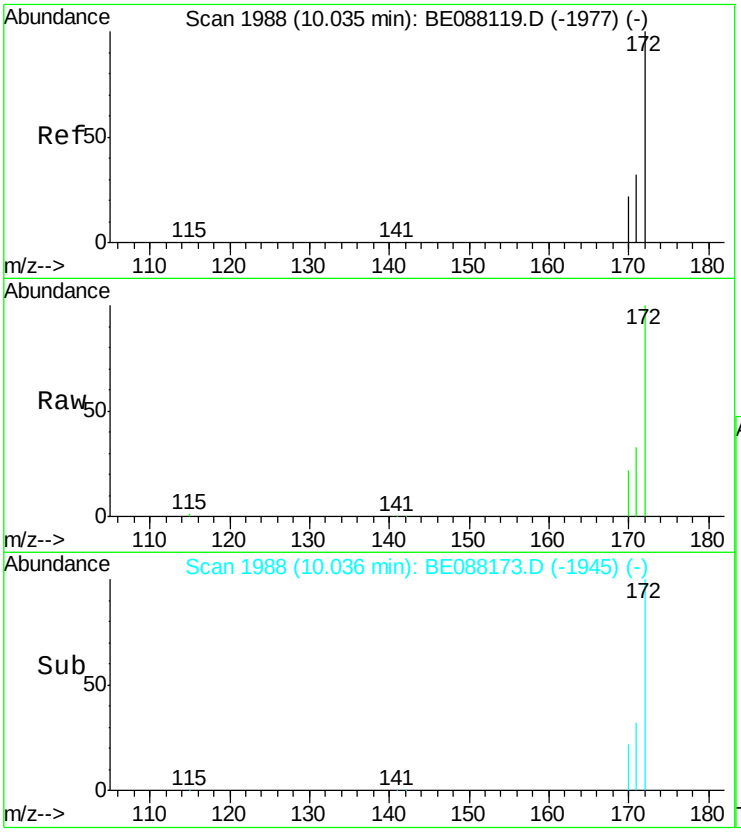


#7
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.85 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BE088173.D
Acq: 22 Oct 2014 9:42

Tgt Ion:164 Resp: 44137

Ion	Ratio	Lower	Upper
164	100		
162	87.3	68.3	102.5
160	37.7	28.7	43.1



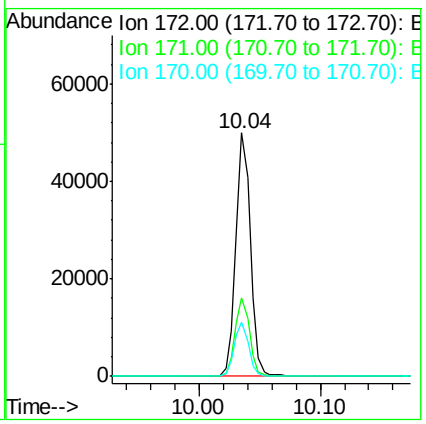


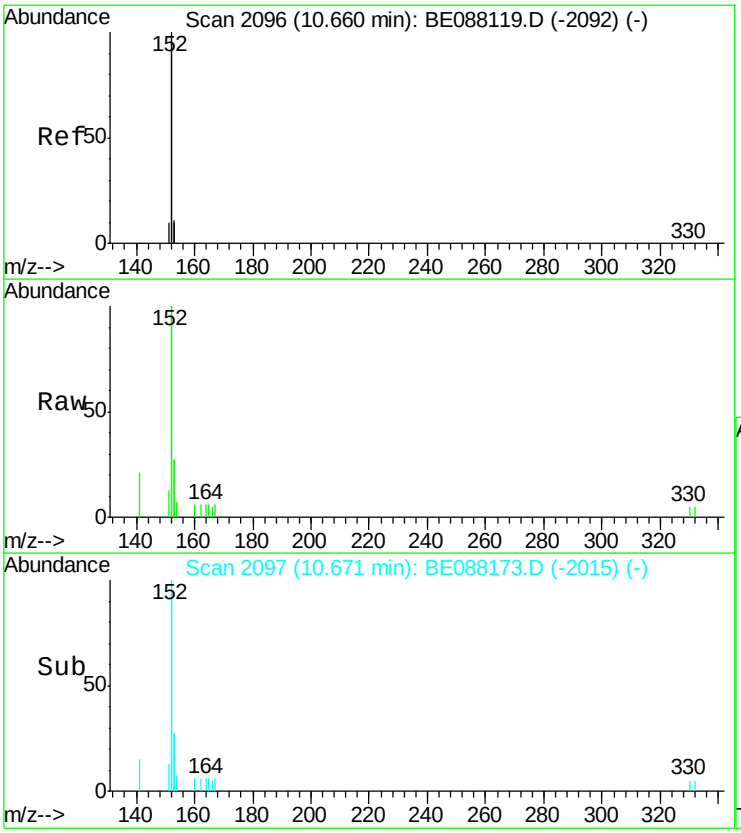
#8
2-Fluorobiphenyl
Concen: 3.45 ng
RT: 10.04 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BE088173.D
Acq: 22 Oct 2014 9:42

Instrument :
BNA_E
ClientSampleId :
YS19-SB26-1014

Tgt Ion:172 Resp: 42039

Ion	Ratio	Lower	Upper
172	100		
171	32.5	25.4	38.2
170	22.1	17.4	26.2

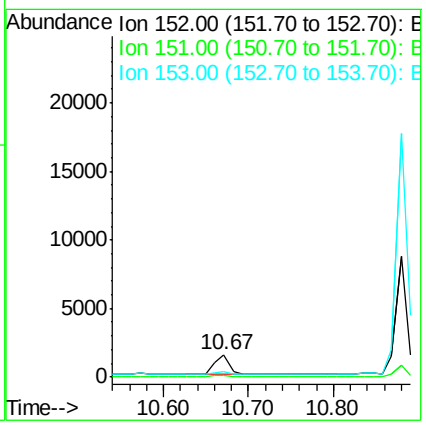


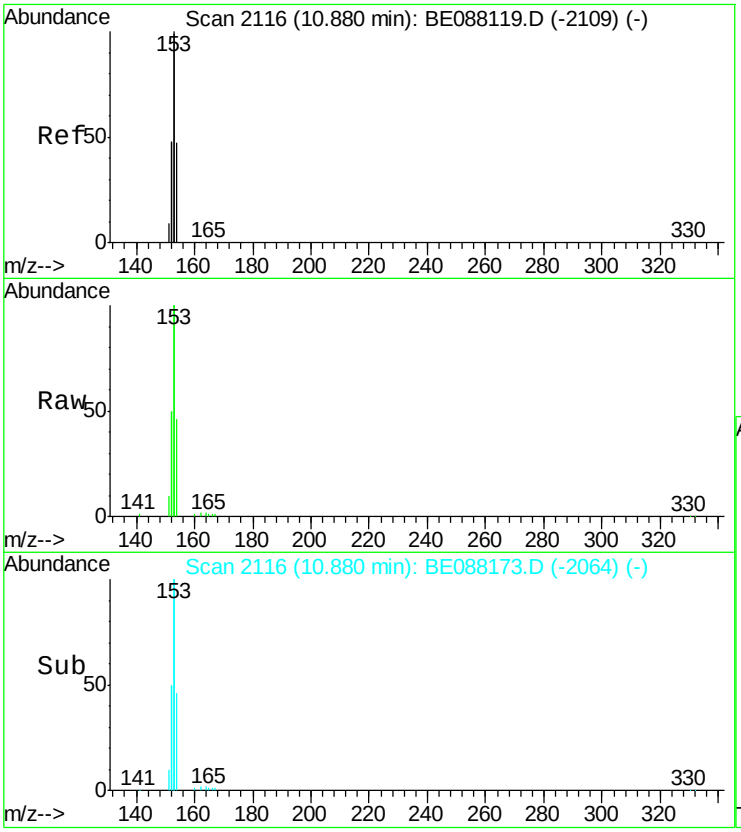


#9
Acenaphthylene
Concen: 0.03 ng
RT: 10.67 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BE088173.D
Acq: 22 Oct 2014 9:42

Tgt Ion:152 Resp: 1777

Ion	Ratio	Lower	Upper
152	100		
151	4.7	3.7	5.5
153	0.0	10.4	15.6#



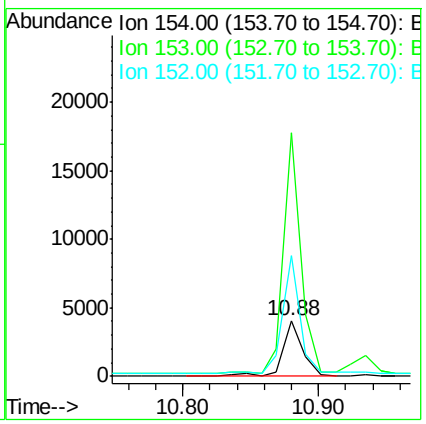


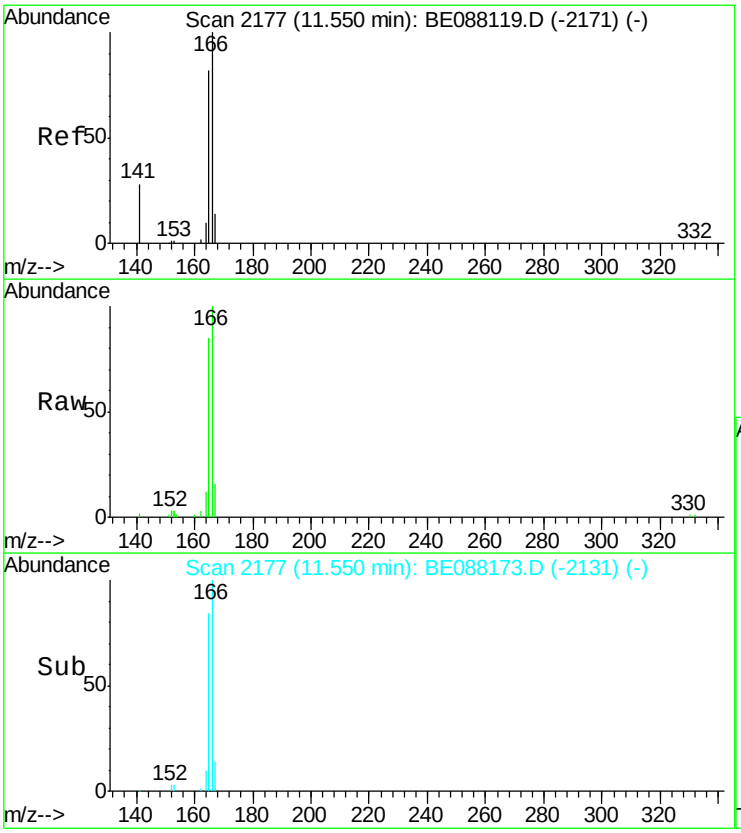
#10
Acenaphthene
Concen: 0.38 ng
RT: 10.88 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BE088173.D
Acq: 22 Oct 2014 9:42

Instrument :
BNA_E
ClientSampleId :
YS19-SB26-1014

Tgt Ion:154 Resp: 3934

Ion	Ratio	Lower	Upper
154	100		
153	404.3	327.8	491.6
152	200.3	157.6	236.4

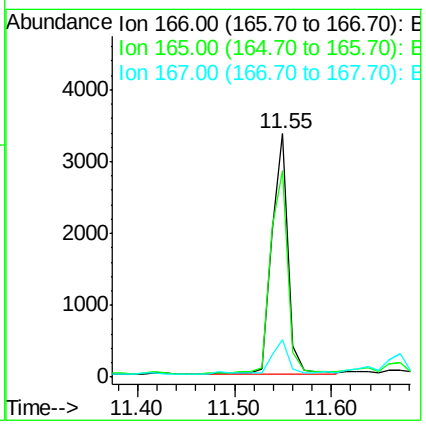


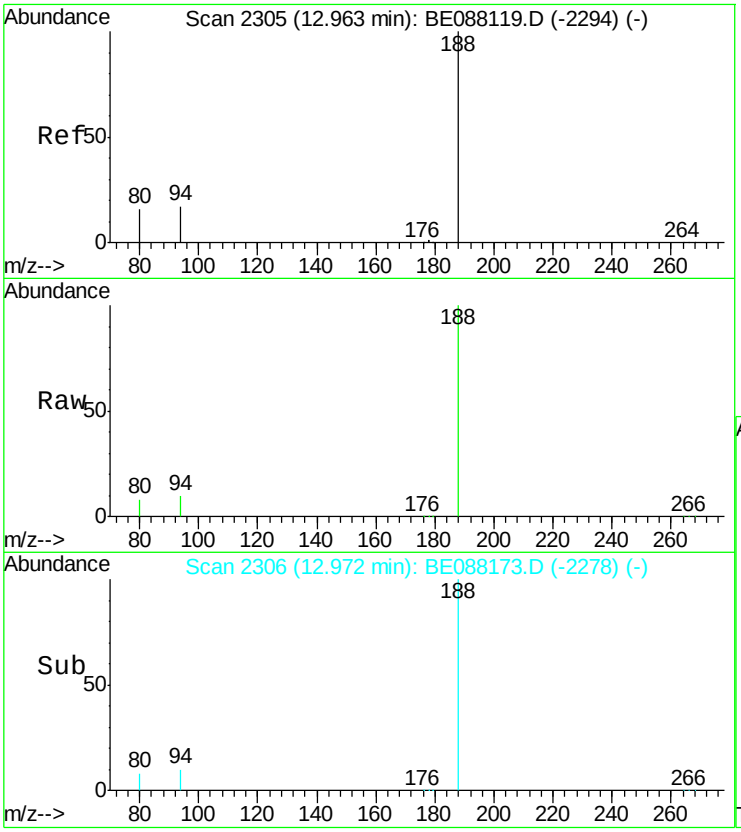


#11
Fluorene
Concen: 0.36 ng
RT: 11.55 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BE088173.D
Acq: 22 Oct 2014 9:42

Tgt Ion:166 Resp: 3923

Ion	Ratio	Lower	Upper
166	100		
165	91.0	71.4	107.2
167	14.5	10.6	16.0



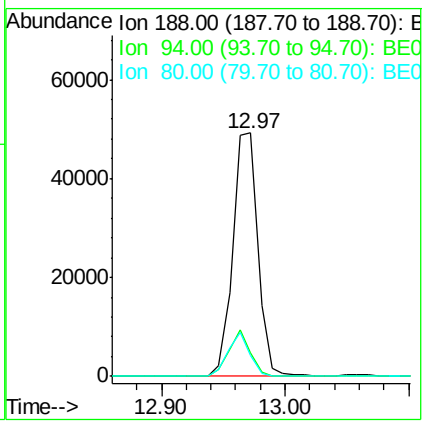


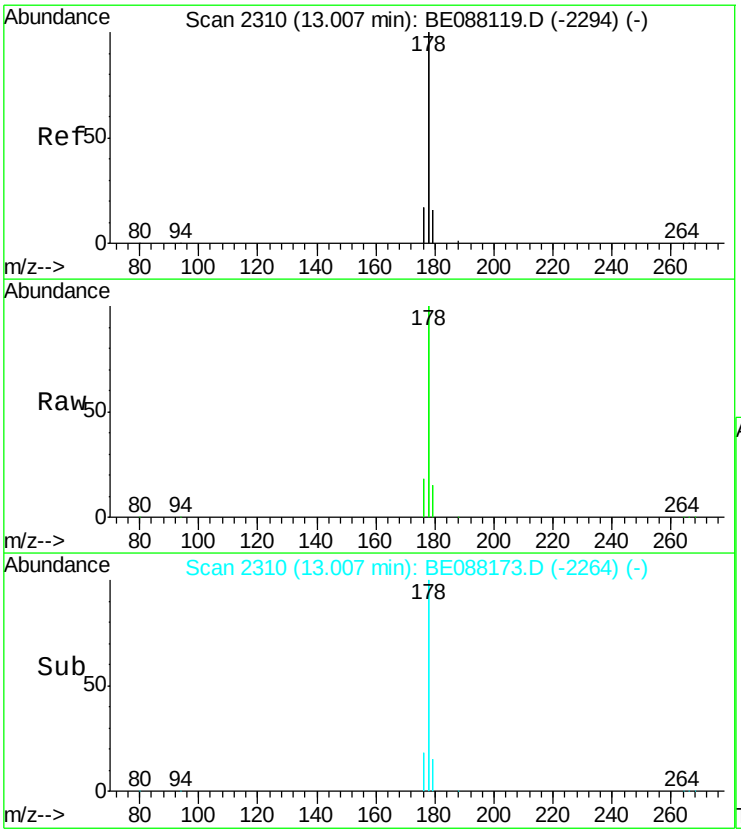
#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.97 min Scan# 2306
Delta R.T. 0.01 min
Lab File: BE088173.D
Acq: 22 Oct 2014 9:42

Instrument :
BNA_E
ClientSampleId :
YS19-SB26-1014

Tgt Ion:188 Resp: 69576

Ion	Ratio	Lower	Upper
188	100		
94	9.8	13.9	20.9#
80	8.5	12.9	19.3#

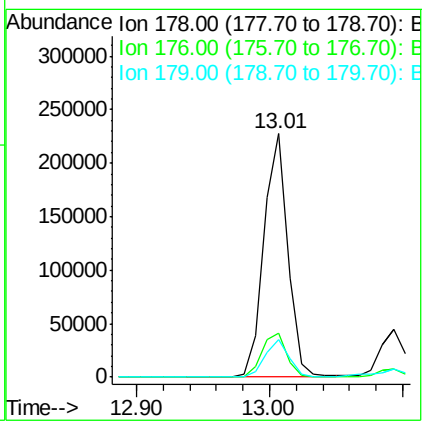


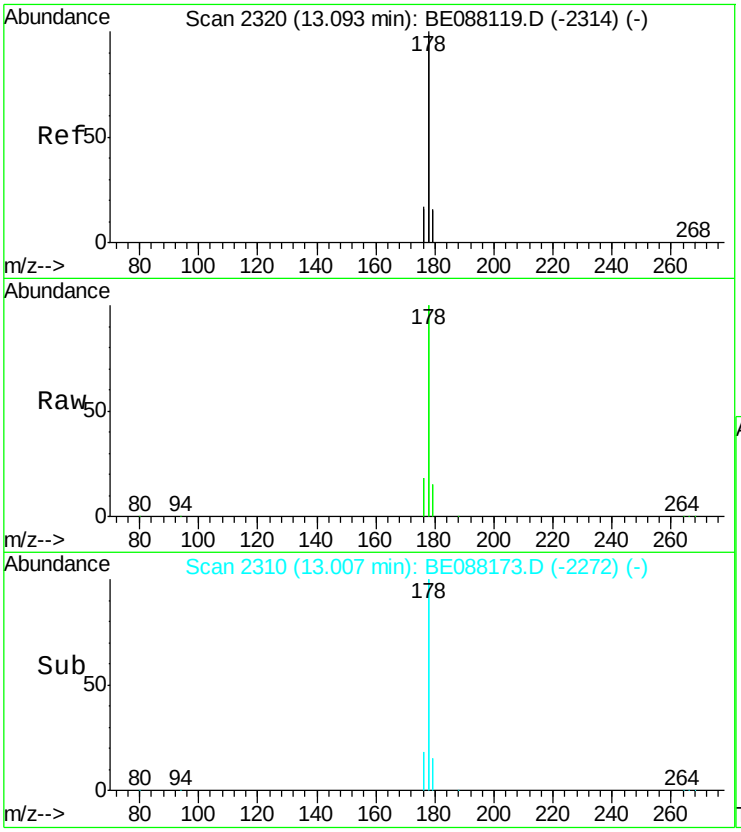


#13
Phenanthrene
Concen: 5.52 ng
RT: 13.01 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BE088173.D
Acq: 22 Oct 2014 9:42

Tgt Ion:178 Resp: 281814

Ion	Ratio	Lower	Upper
178	100		
176	18.6	12.5	18.7
179	15.2	13.5	20.3



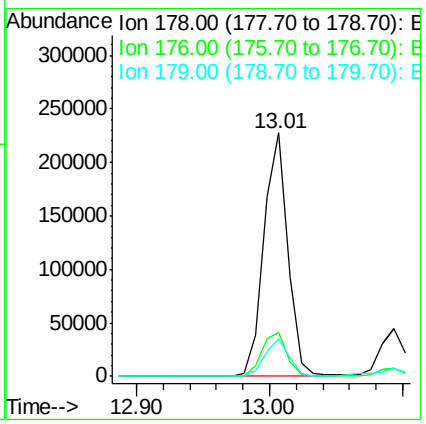


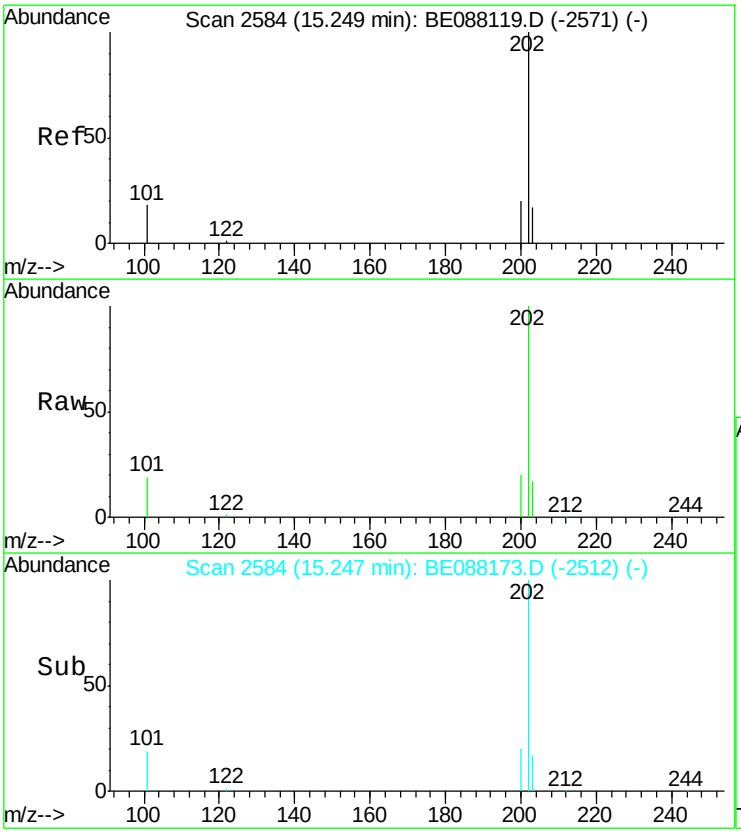
#14
Anthracene
Concen: 5.19 ng
RT: 13.01 min Scan# 2310
Delta R.T. -0.09 min
Lab File: BE088173.D
Acq: 22 Oct 2014 9:42

Instrument :
BNA_E
ClientSampleId :
YS19-SB26-1014

Tgt Ion:178 Resp: 281814

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	21.8
179	15.2	12.5	18.7

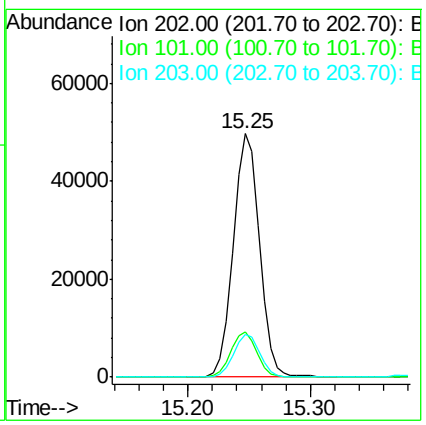


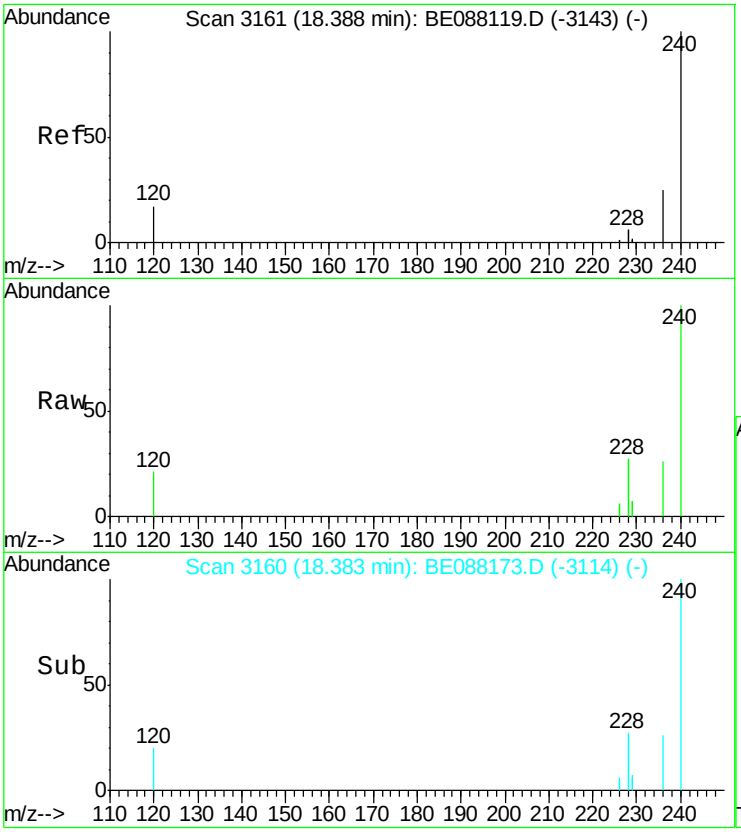


#15
Fluoranthene
Concen: 5.63 ng
RT: 15.25 min Scan# 2584
Delta R.T. -0.00 min
Lab File: BE088173.D
Acq: 22 Oct 2014 9:42

Tgt Ion:202 Resp: 74472

Ion	Ratio	Lower	Upper
202	100		
101	18.4	14.8	22.2
203	17.3	13.5	20.3



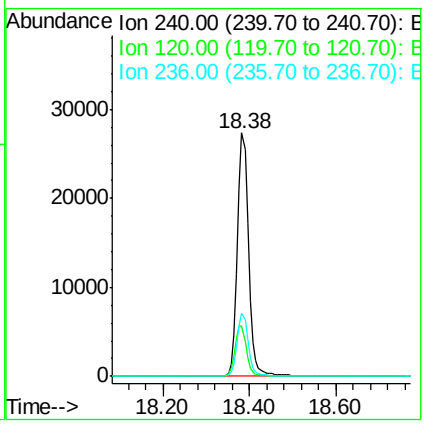


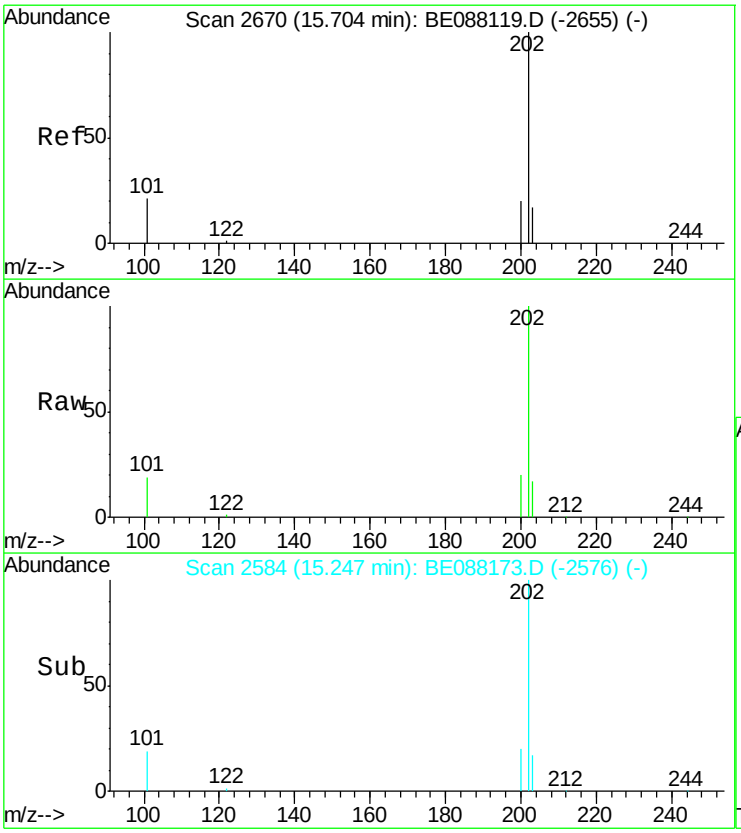
#16
Chrysene-d12
Concen: 5.00 ng
RT: 18.38 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BE088173.D
Acq: 22 Oct 2014 9:42

Instrument :
BNA_E
ClientSampleId :
YS19-SB26-1014

Tgt Ion:240 Resp: 48582

Ion	Ratio	Lower	Upper
240	100		
120	20.6	13.9	20.9
236	25.7	19.9	29.9

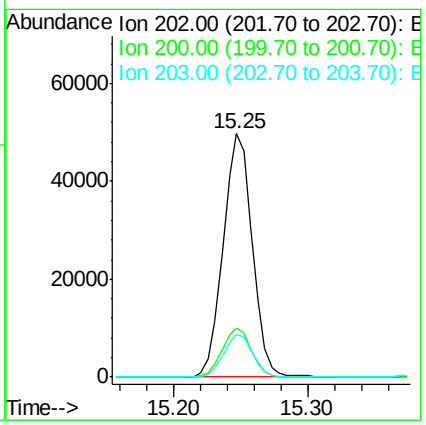


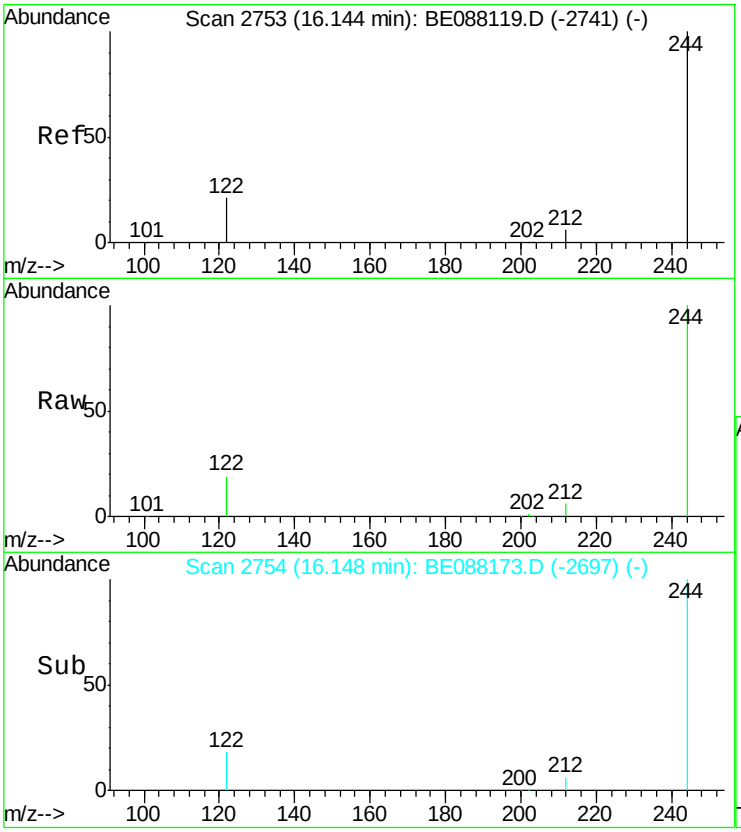


#17
Pyrene
Concen: 5.62 ng
RT: 15.25 min Scan# 2584
Delta R.T. -0.46 min
Lab File: BE088173.D
Acq: 22 Oct 2014 9:42

Tgt Ion:202 Resp: 74282

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.1	24.1
203	17.3	13.9	20.9



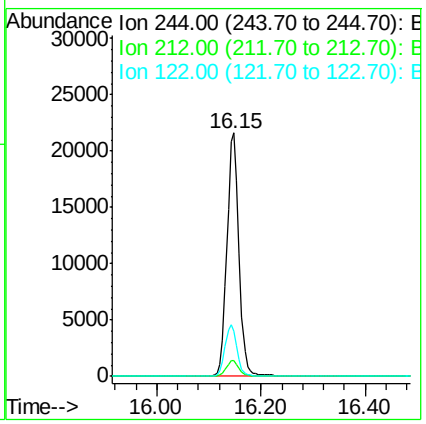


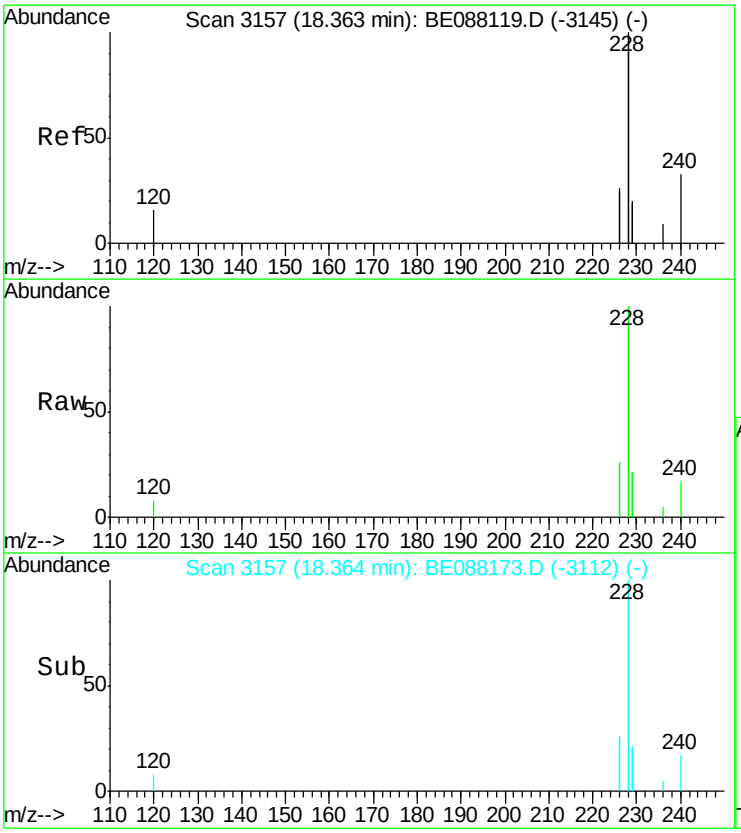
#18
Terphenyl-d14
Concen: 4.40 ng
RT: 16.15 min Scan# 2754
Delta R.T. 0.00 min
Lab File: BE088173.D
Acq: 22 Oct 2014 9:42

Instrument :
BNA_E
ClientSampleId :
YS19-SB26-1014

Tgt Ion:244 Resp: 34360

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	18.7	17.5	26.3

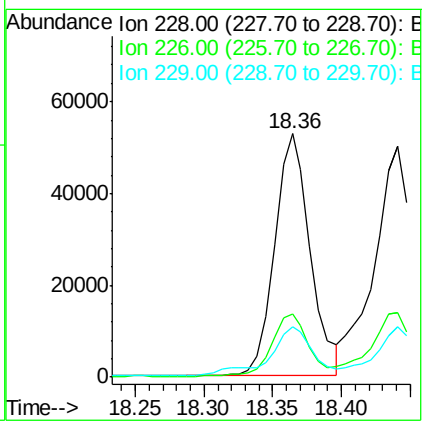


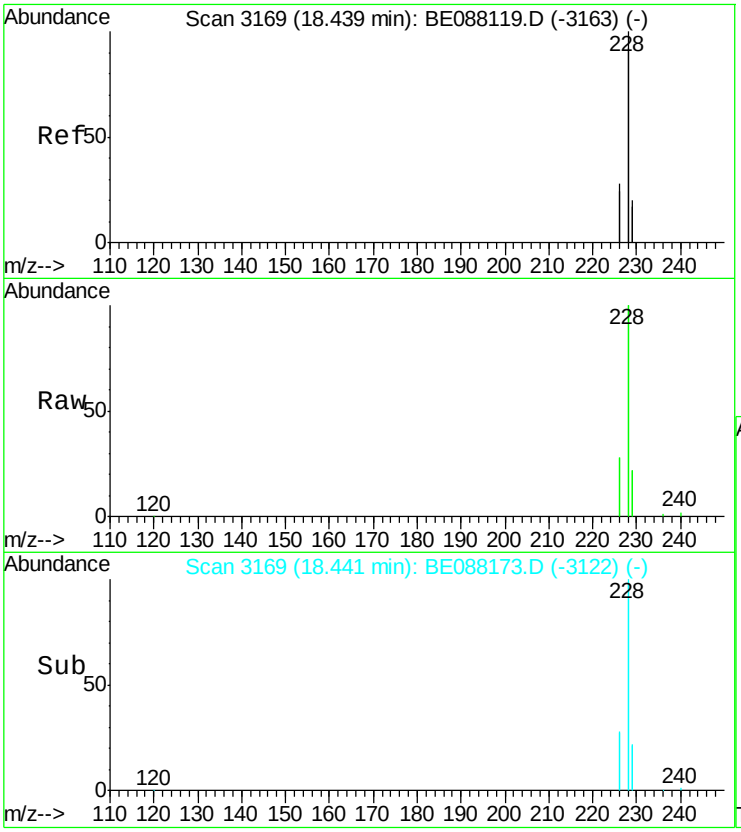


#19
Benzo(a)anthracene
Concen: 2.21 ng
RT: 18.36 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BE088173.D
Acq: 22 Oct 2014 9:42

Tgt Ion:228 Resp: 95534

Ion	Ratio	Lower	Upper
228	100		
226	26.0	20.8	31.2
229	20.6	15.6	23.4



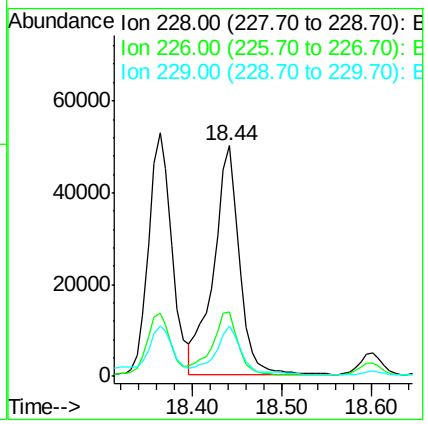


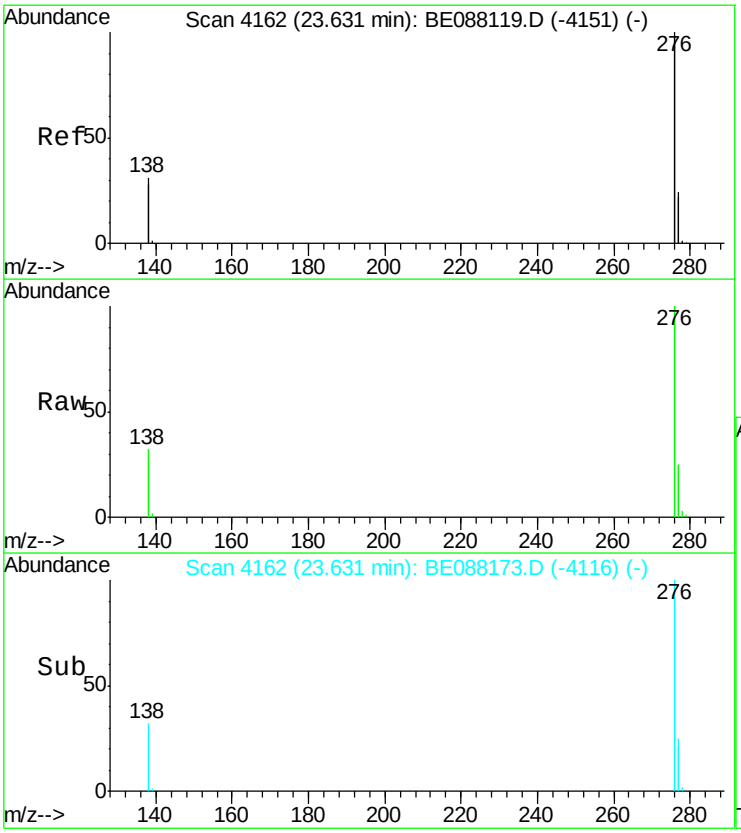
#20
Chrysene
Concen: 2.35 ng
RT: 18.44 min Scan# 3169
Delta R.T. 0.00 min
Lab File: BE088173.D
Acq: 22 Oct 2014 9:42

Instrument :
BNA_E
ClientSampleId :
YS19-SB26-1014

Tgt Ion:228 Resp: 99731

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.7	34.1
229	21.6	15.8	23.6

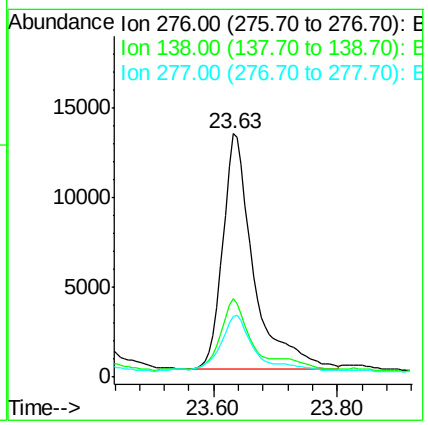


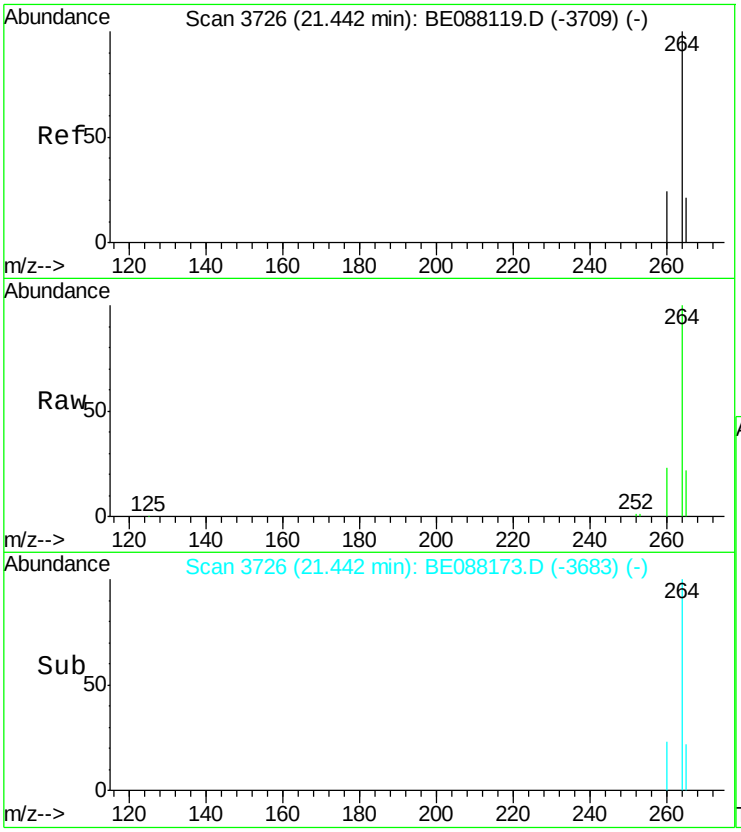


#21
Indeno(1,2,3-cd)pyrene
Concen: 0.97 ng
RT: 23.63 min Scan# 4162
Delta R.T. 0.00 min
Lab File: BE088173.D
Acq: 22 Oct 2014 9:42

Tgt Ion:276 Resp: 45667

Ion	Ratio	Lower	Upper
276	100		
138	27.4	18.5	27.7
277	25.2	14.6	21.8#



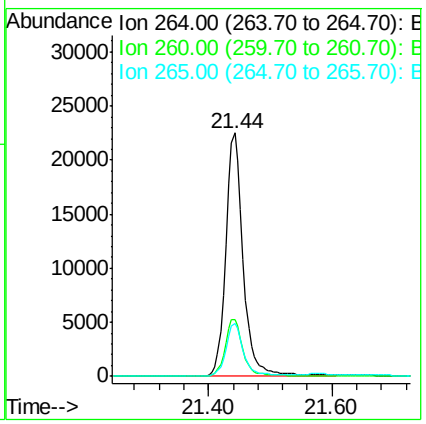


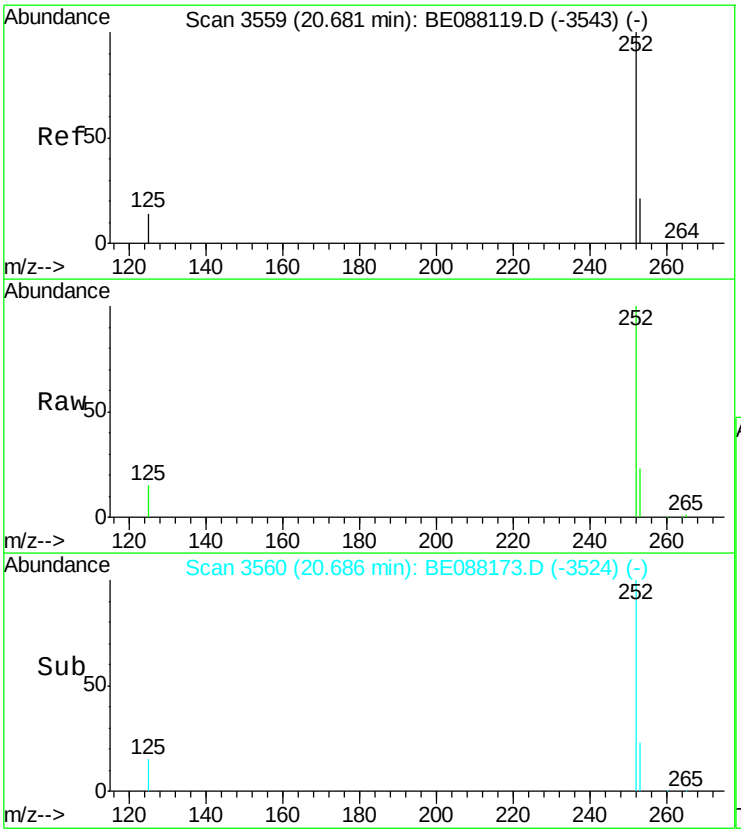
#22
Perylene-d12
Concen: 5.00 ng
RT: 21.44 min Scan# 3726
Delta R.T. 0.00 min
Lab File: BE088173.D
Acq: 22 Oct 2014 9:42

Instrument :
BNA_E
ClientSampleId :
YS19-SB26-1014

Tgt Ion:264 Resp: 43430

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	22.0	17.2	25.8

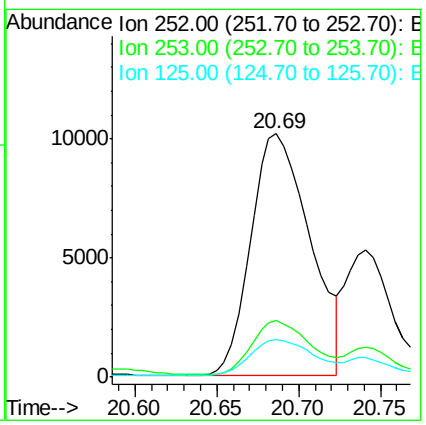


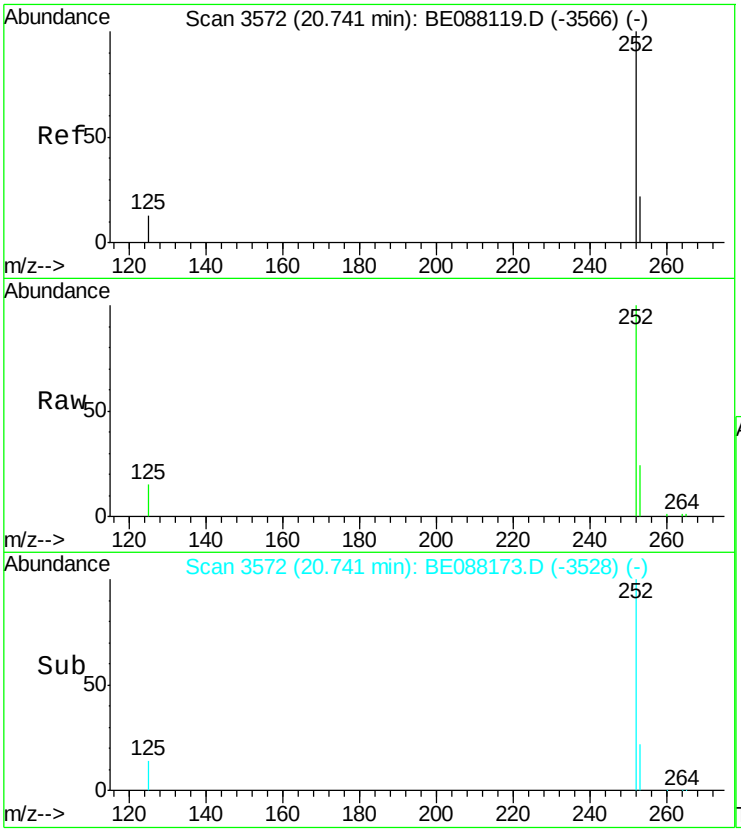


#23
Benzo(b)fluoranthene
Concen: 2.47 ng
RT: 20.69 min Scan# 3560
Delta R.T. 0.00 min
Lab File: BE088173.D
Acq: 22 Oct 2014 9:42

Tgt Ion:252 Resp: 25519

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	15.2	11.8	17.8



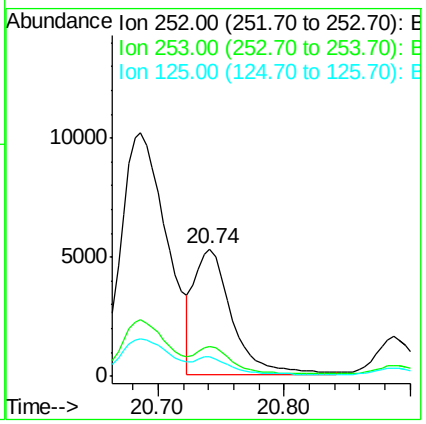


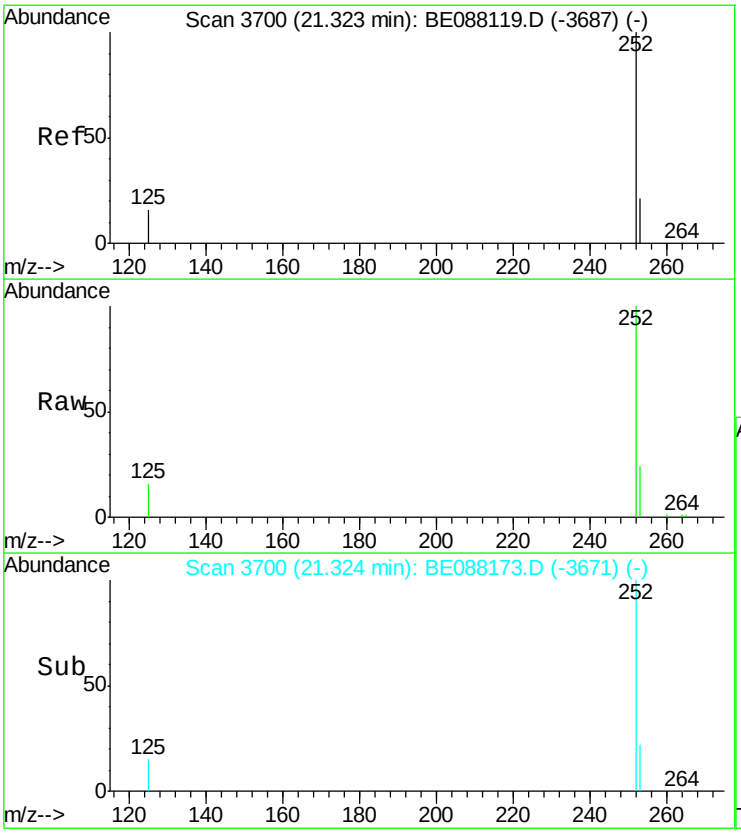
#24
Benzo(k)fluoranthene
Concen: 0.99 ng
RT: 20.74 min Scan# 3572
Delta R.T. 0.00 min
Lab File: BE088173.D
Acq: 22 Oct 2014 9:42

Instrument :
BNA_E
ClientSampleId :
YS19-SB26-1014

Tgt Ion:252 Resp: 10914

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	15.2	11.5	17.3

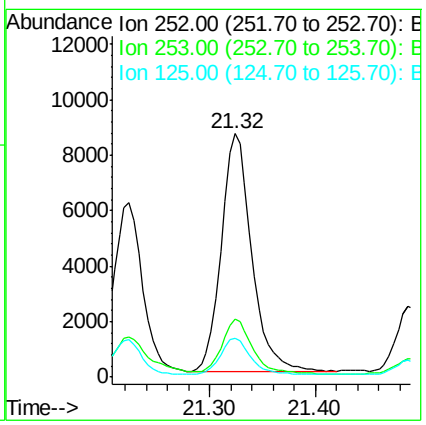


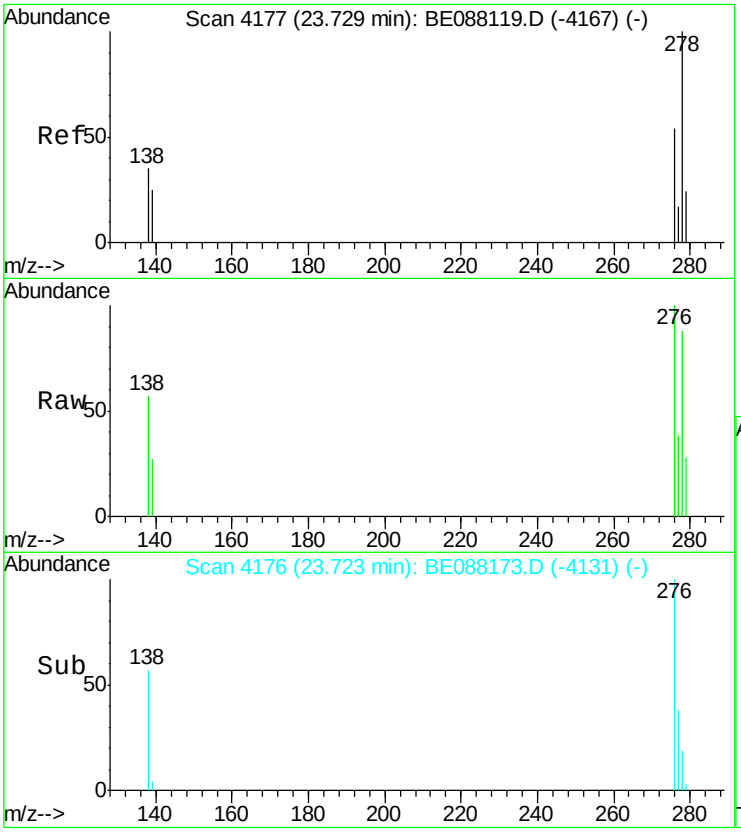


#25
Benzo(a)pyrene
Concen: 1.79 ng
RT: 21.32 min Scan# 3700
Delta R.T. 0.00 min
Lab File: BE088173.D
Acq: 22 Oct 2014 9:42

Tgt Ion:252 Resp: 17042

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	15.9	13.0	19.6



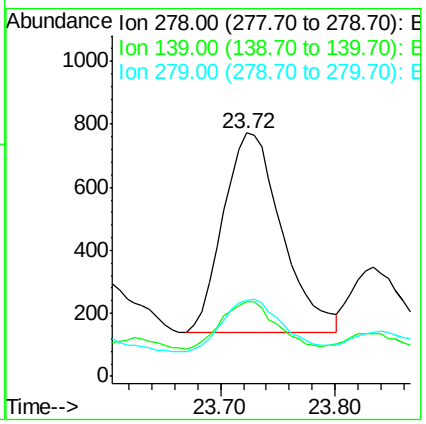


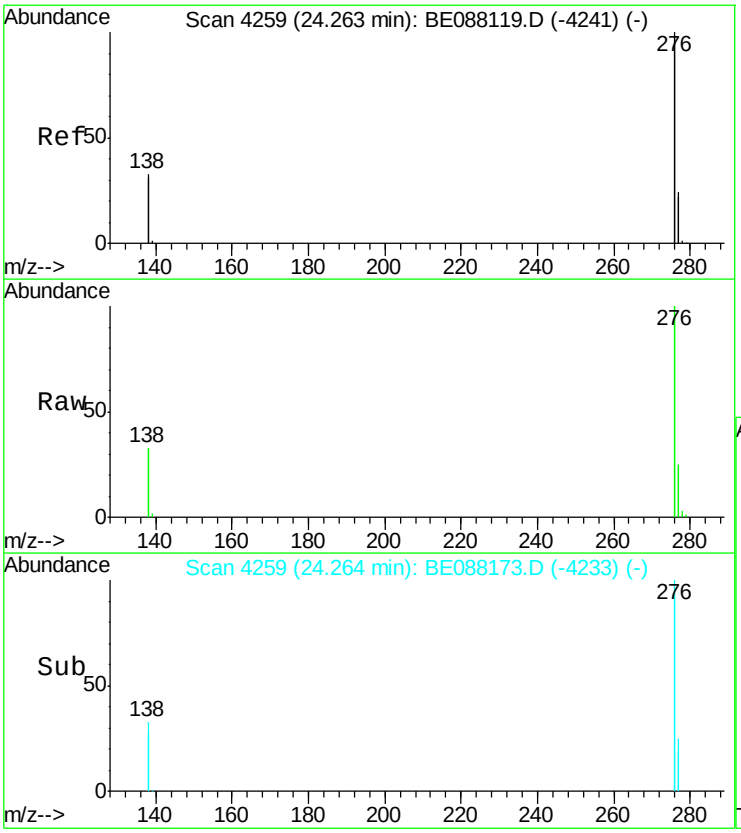
#26
Dibenzo(a,h)anthracene
Concen: 0.24 ng
RT: 23.72 min Scan# 4176
Delta R.T. -0.01 min
Lab File: BE088173.D
Acq: 22 Oct 2014 9:42

Instrument :
BNA_E
ClientSampleId :
YS19-SB26-1014

Tgt Ion:278 Resp: 2263

Ion	Ratio	Lower	Upper
278	100		
139	30.8	20.9	31.3
279	31.4	19.8	29.8#





#27
Benzo(g,h,i)perylene
Concen: 1.06 ng
RT: 24.26 min Scan# 4259
Delta R.T. 0.00 min
Lab File: BE088173.D
Acq: 22 Oct 2014 9:42

Tgt Ion:276 Resp: 43592

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.2	28.8
138	33.5	26.6	40.0