Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102014\
Data File : BE088125.D
Acq On : 21 Oct 2014 4:39
Operator : TP/JJ
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001

Quant Time: Oct 21 05:26:29 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	40522	5.00	ng		0.00
3) Naphthalene-d8	8.70	136	152591	5.00	ng		0.00
7) Acenaphthene-d10	10.85	164	68309	5.00	ng		0.00
12) Phenanthrene-d10	12.96	188	121370	5.00	ng		0.00
16) Chrysene-d12	18.38	240	89341	5.00	ng		0.00
22) Perylene-d12	21.44	264	81489	5.00	ng		0.00
System Monitoring Compounds							
4) Nitrobenzene-d5	7.82	82	11128	1.01	ng		0.00
8) 2-Fluorobiphenyl	10.03	172	19631	1.04	ng		0.00
18) Terphenyl-d14	16.14	244	14356	1.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	6057	1.04	ng		100
5) Naphthalene	8.72	128	32330	1.03	ng		99
6) 2-Methylnaphthalene	9.57	142	19468	1.03	ng		100
9) Acenaphthylene	10.66	152	108701	1.04	ng		100
10) Acenaphthene	10.88	154	16456	1.02	ng		99
11) Fluorene	11.54	166	17616	1.03	ng		100
13) Phenanthrene	13.09	178	95850	0.89	ng		96
14) Anthracene	13.09	178	95850	1.01	ng		100
15) Fluoranthene	15.25	202	22495	0.97	ng		99
17) Pyrene	15.70	202	24201	1.00	ng		100
19) Benzo(a)anthracene	18.36	228	75581	0.95	ng		99
20) Chrysene	18.43	228	78158	1.00	ng		99
21) Indeno(1,2,3-cd)pyrene	23.63	276	64467	0.74	ng	#	87
23) Benzo(b)fluoranthene	20.68	252	18781	0.97	ng		99
24) Benzo(k)fluoranthene	20.74	252	20656	0.99	ng		100
25) Benzo(a)pyrene	21.32	252	17302	0.97	ng		100
26) Dibenzo(a,h)anthracene	23.73	278	16522	0.94	ng		98
27) Benzo(g,h,i)perylene	24.26	276	73582	0.95	ng		100

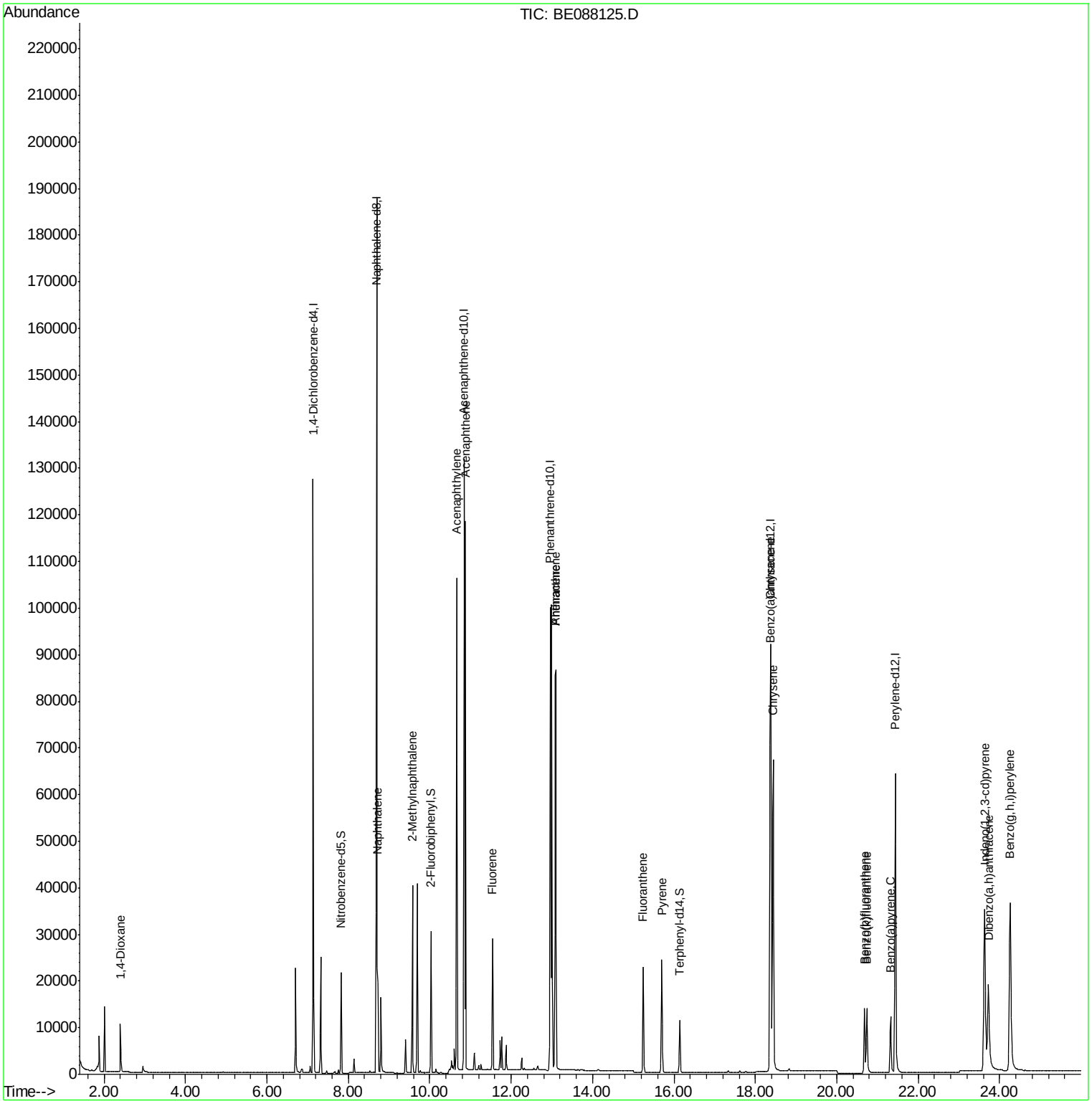
(#) = qualifier out of range (m) = manual integration (+) = signals summed

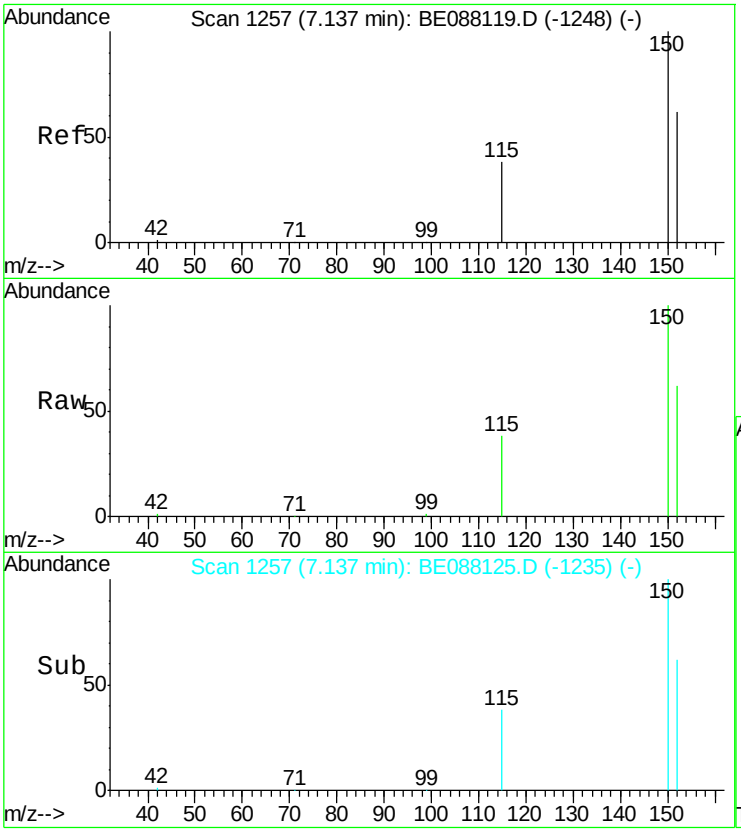
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102014\
Data File : BE088125.D
Acq On : 21 Oct 2014 4:39
Operator : TP/JJ
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Quant Time: Oct 21 05:26:29 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



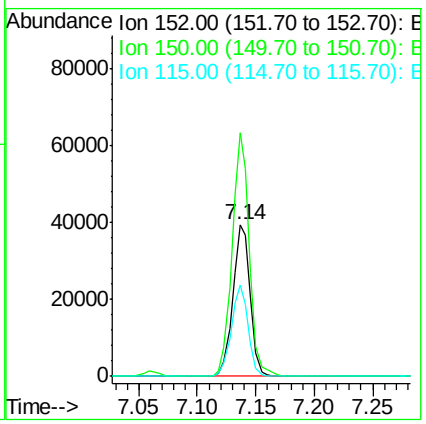


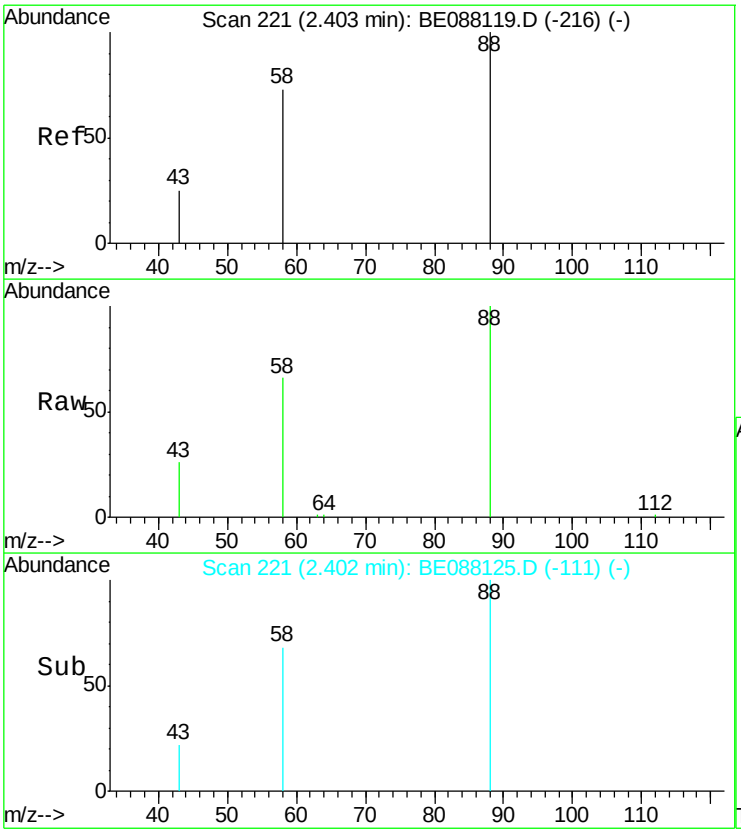
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.14 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BE088125.D
Acq: 21 Oct 2014 4:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 40522

Ion	Ratio	Lower	Upper
152	100		
150	160.2	129.2	193.8
115	60.5	49.3	73.9

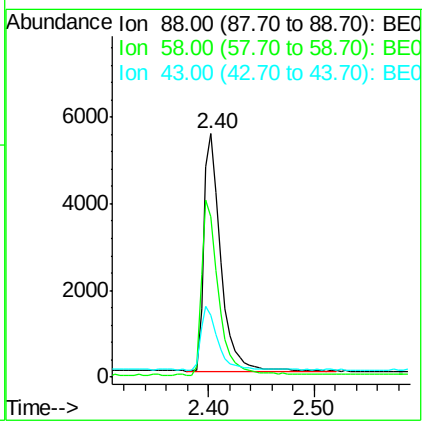


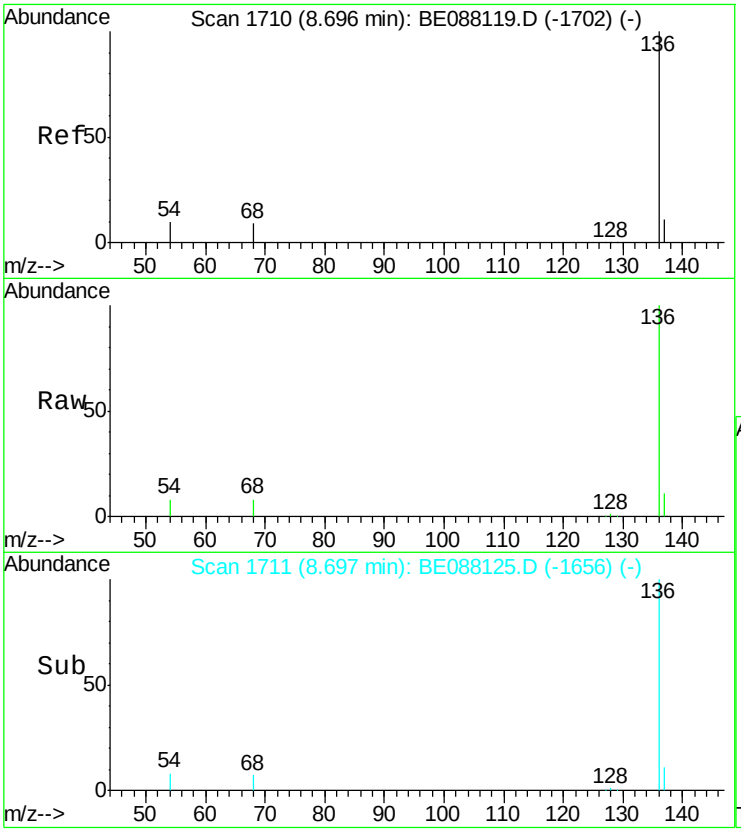


#2
1,4-Dioxane
Concen: 1.04 ng
RT: 2.40 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE088125.D
Acq: 21 Oct 2014 4:39

Tgt Ion: 88 Resp: 6057

Ion	Ratio	Lower	Upper
88	100		
58	74.1	59.5	89.3
43	26.5	21.2	31.8



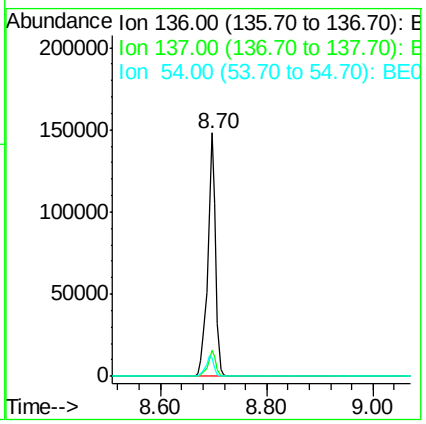


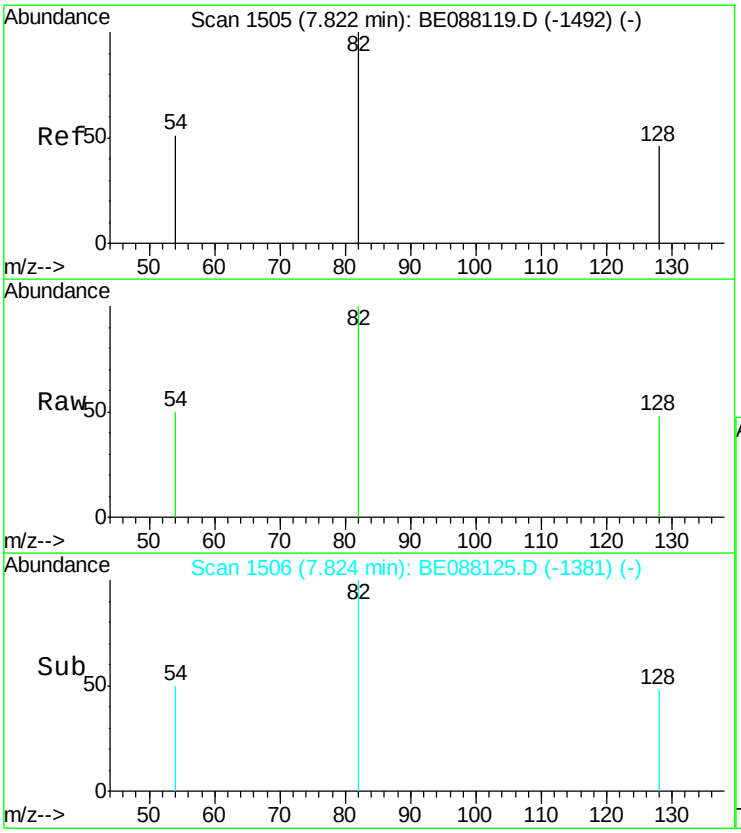
#3
Naphthalene-d8
Concen: 5.00 ng
RT: 8.70 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BE088125.D
Acq: 21 Oct 2014 4:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:136 Resp: 152591

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	7.7	7.7	11.5

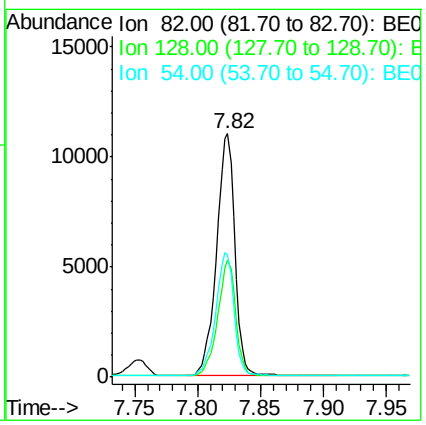


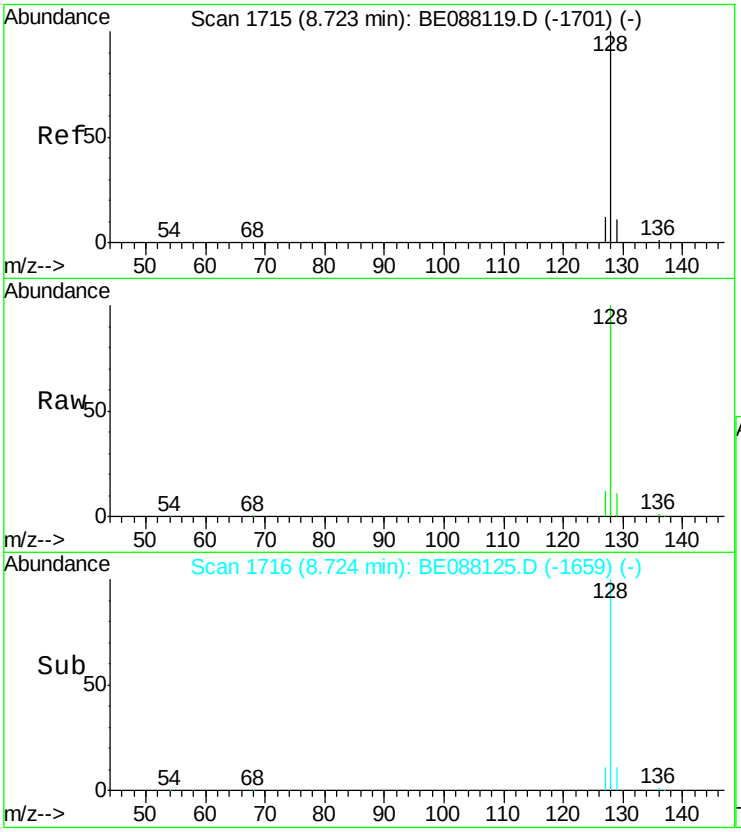


#4
Nitrobenzene-d5
Concen: 1.01 ng
RT: 7.82 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BE088125.D
Acq: 21 Oct 2014 4:39

Tgt Ion: 82 Resp: 11128

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.1	55.7
54	49.9	41.1	61.7



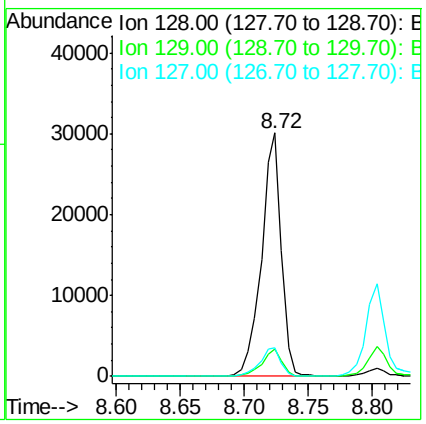


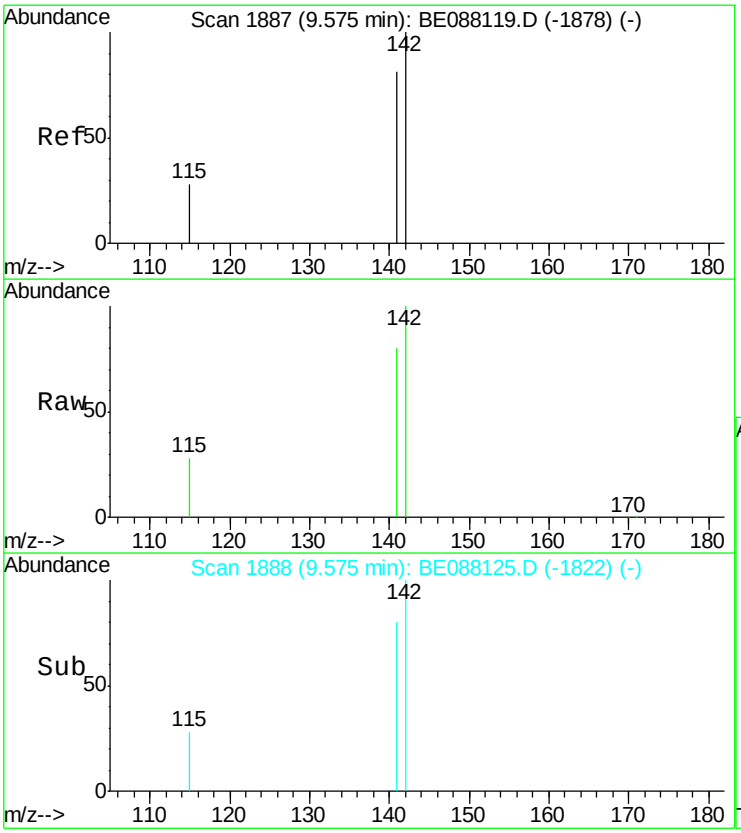
#5
Naphthalene
Concen: 1.03 ng
RT: 8.72 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BE088125.D
Acq: 21 Oct 2014 4:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:128 Resp: 32330

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	11.6	9.7	14.5

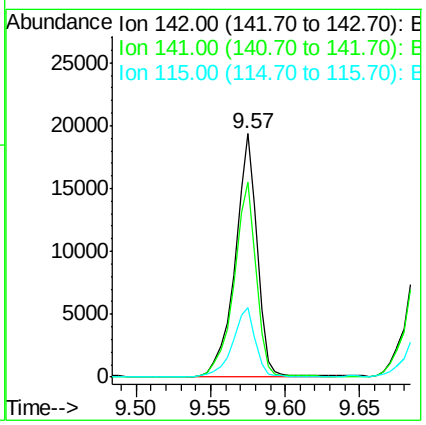


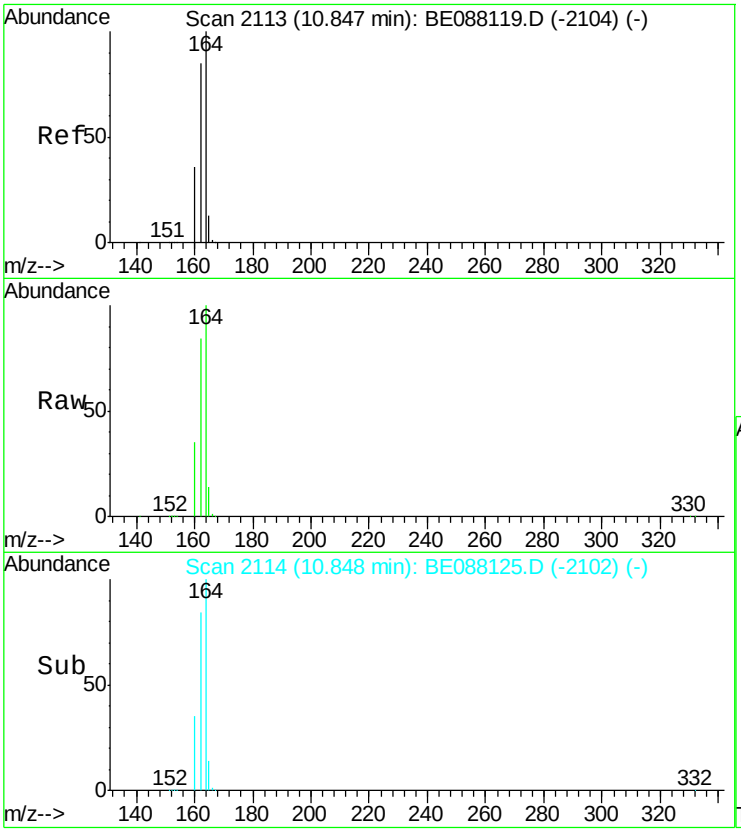


#6
2-Methylnaphthalene
Concen: 1.03 ng
RT: 9.57 min Scan# 1888
Delta R.T. -0.00 min
Lab File: BE088125.D
Acq: 21 Oct 2014 4:39

Tgt Ion:142 Resp: 19468

Ion	Ratio	Lower	Upper
142	100		
141	80.3	64.6	97.0
115	28.4	22.6	34.0



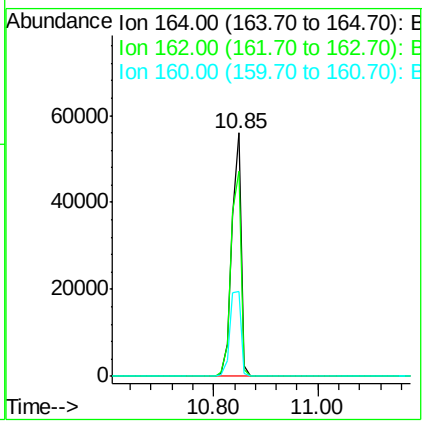


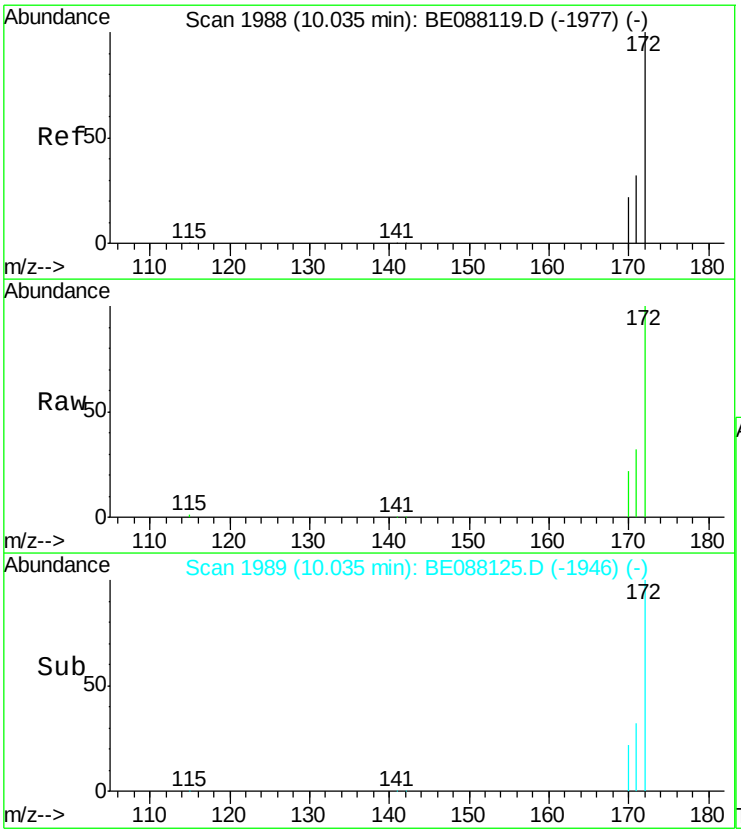
#7
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.85 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BE088125.D
Acq: 21 Oct 2014 4:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:164 Resp: 68309

Ion	Ratio	Lower	Upper
164	100		
162	84.0	68.3	102.5
160	34.7	28.7	43.1

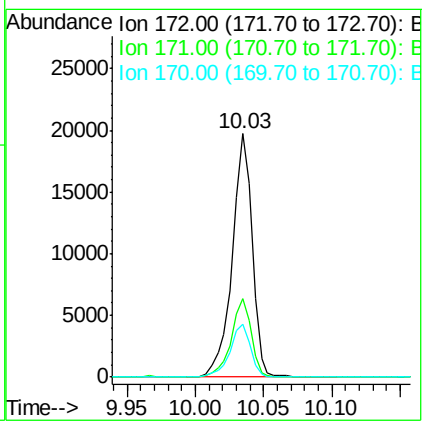


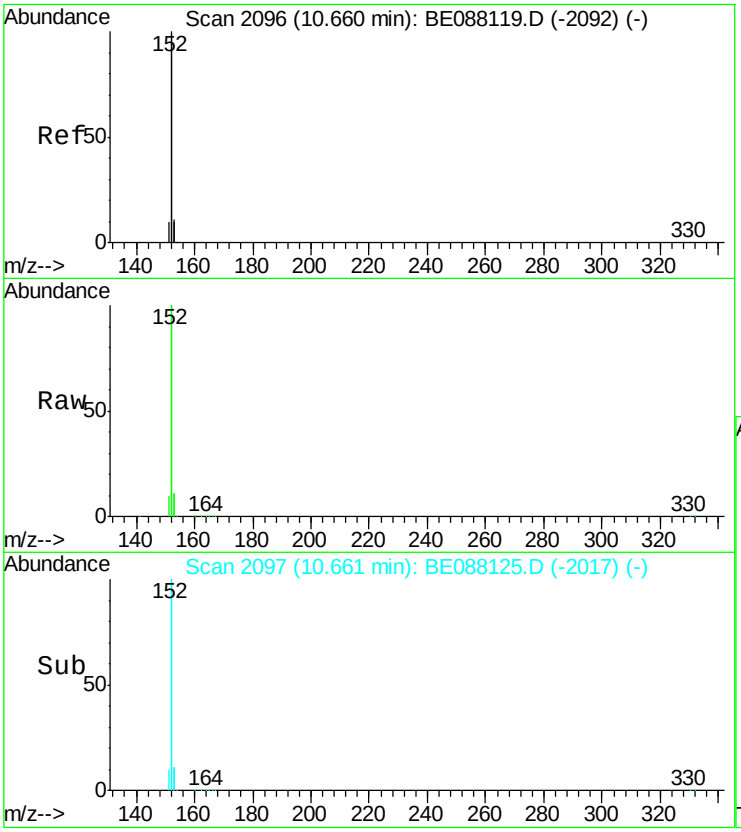


#8
2-Fluorobiphenyl
Concen: 1.04 ng
RT: 10.03 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BE088125.D
Acq: 21 Oct 2014 4:39

Tgt Ion:172 Resp: 19631

Ion	Ratio	Lower	Upper
172	100		
171	32.0	25.4	38.2
170	21.8	17.4	26.2



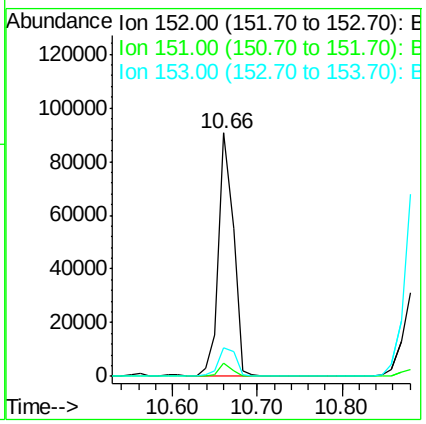


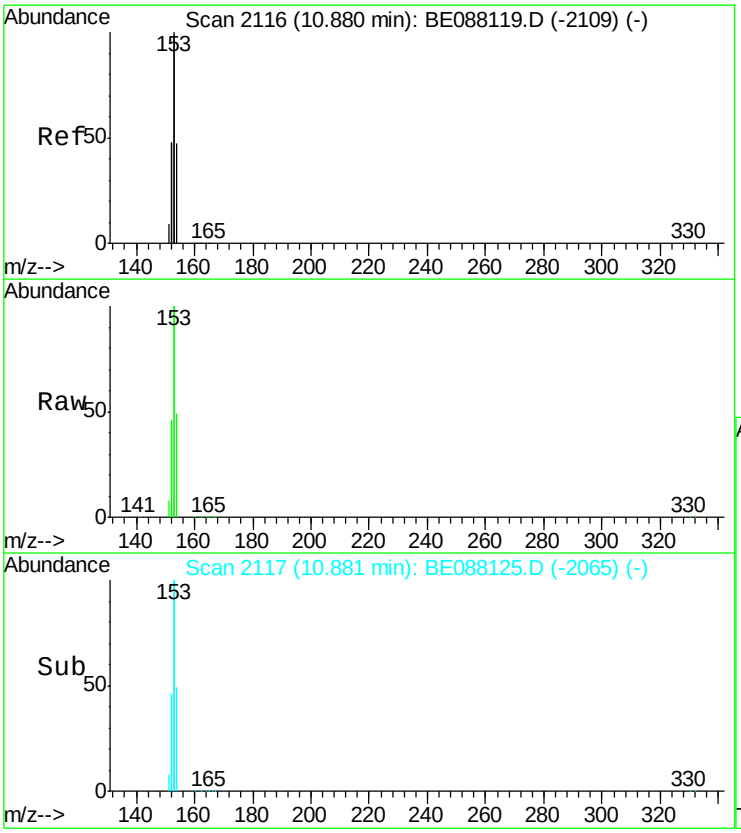
#9
Acenaphthylene
Concen: 1.04 ng
RT: 10.66 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BE088125.D
Acq: 21 Oct 2014 4:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 108701

Ion	Ratio	Lower	Upper
152	100		
151	4.7	3.7	5.5
153	13.0	10.4	15.6

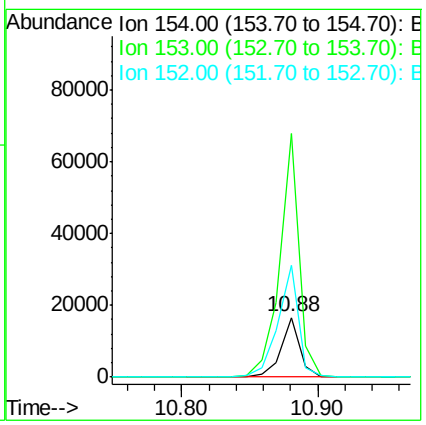


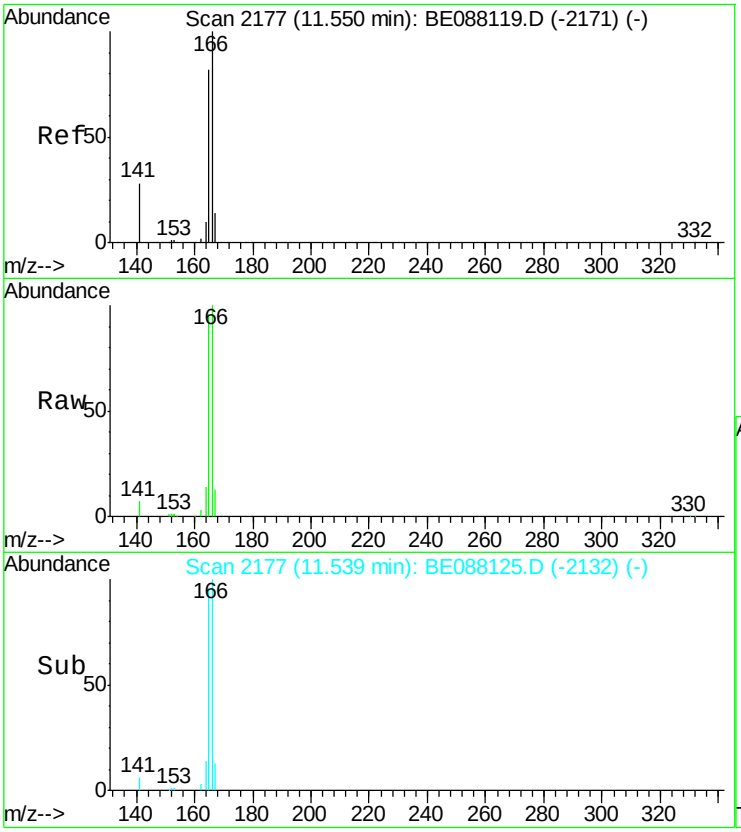


#10
Acenaphthene
Concen: 1.02 ng
RT: 10.88 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BE088125.D
Acq: 21 Oct 2014 4:39

Tgt Ion:154 Resp: 16456

Ion	Ratio	Lower	Upper
154	100		
153	408.5	327.8	491.6
152	196.0	157.6	236.4



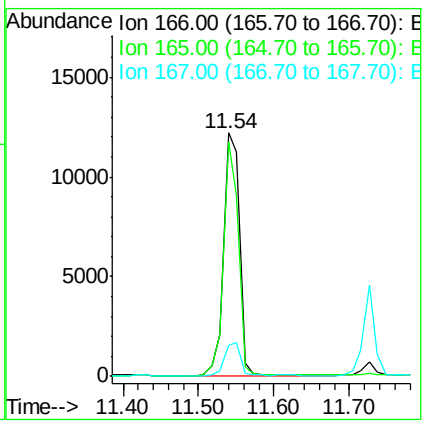


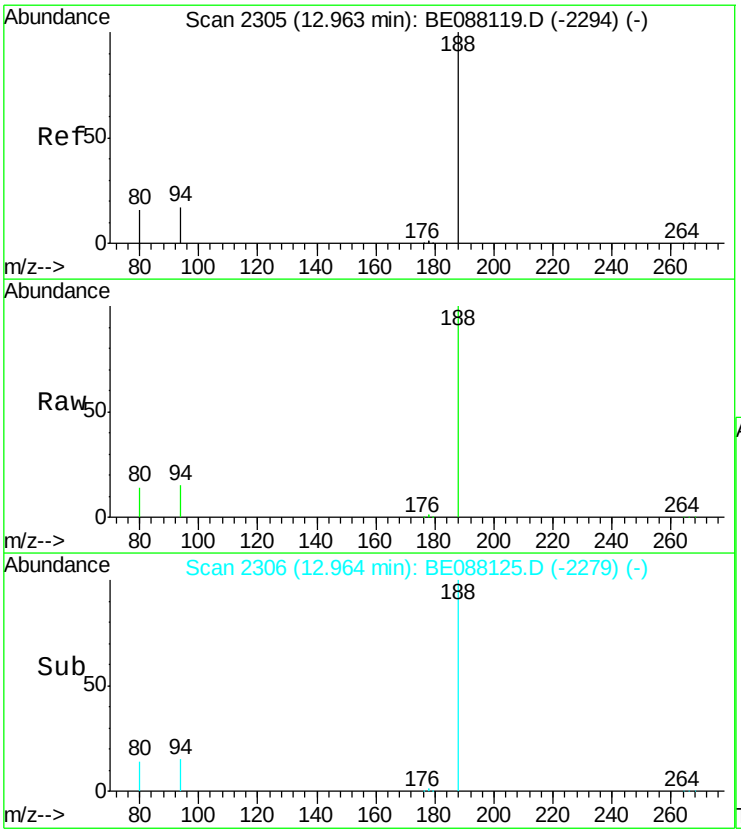
#11
Fluorene
Concen: 1.03 ng
RT: 11.54 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BE088125.D
Acq: 21 Oct 2014 4:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:166 Resp: 17616

Ion	Ratio	Lower	Upper
166	100		
165	89.6	71.4	107.2
167	13.5	10.6	16.0

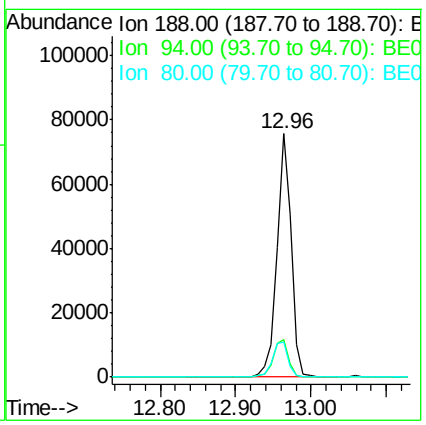


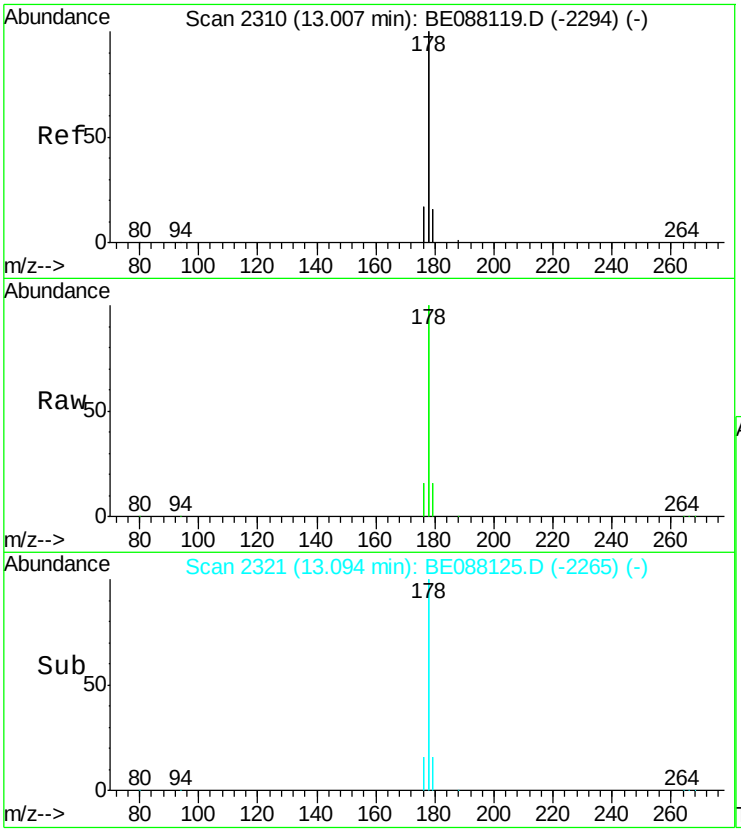


#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.96 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BE088125.D
Acq: 21 Oct 2014 4:39

Tgt Ion:188 Resp: 121370

Ion	Ratio	Lower	Upper
188	100		
94	15.5	13.9	20.9
80	14.2	12.9	19.3



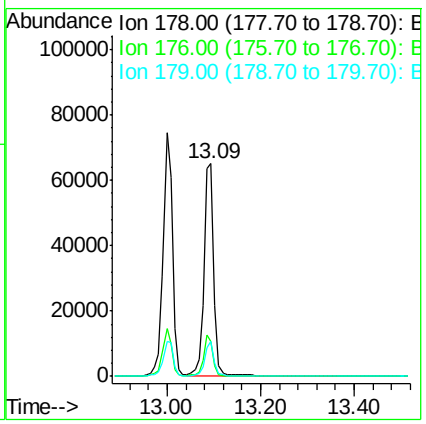


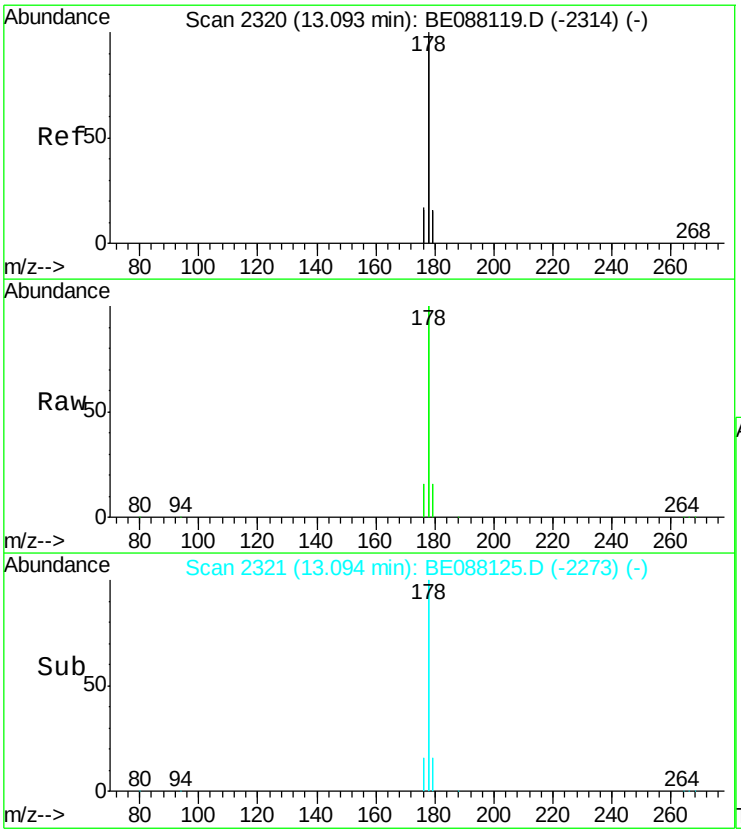
#13
Phenanthrene
Concen: 0.89 ng
RT: 13.09 min Scan# 2321
Delta R.T. 0.09 min
Lab File: BE088125.D
Acq: 21 Oct 2014 4:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:178 Resp: 95850

Ion	Ratio	Lower	Upper
178	100		
176	18.4	12.5	18.7
179	15.8	13.5	20.3

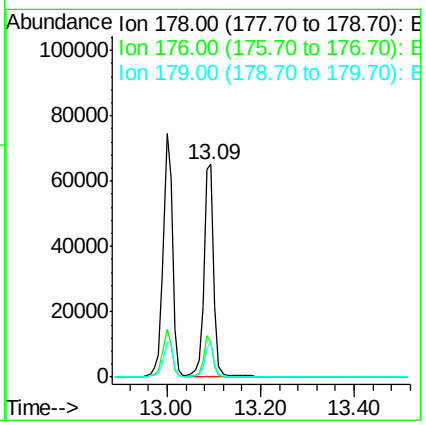


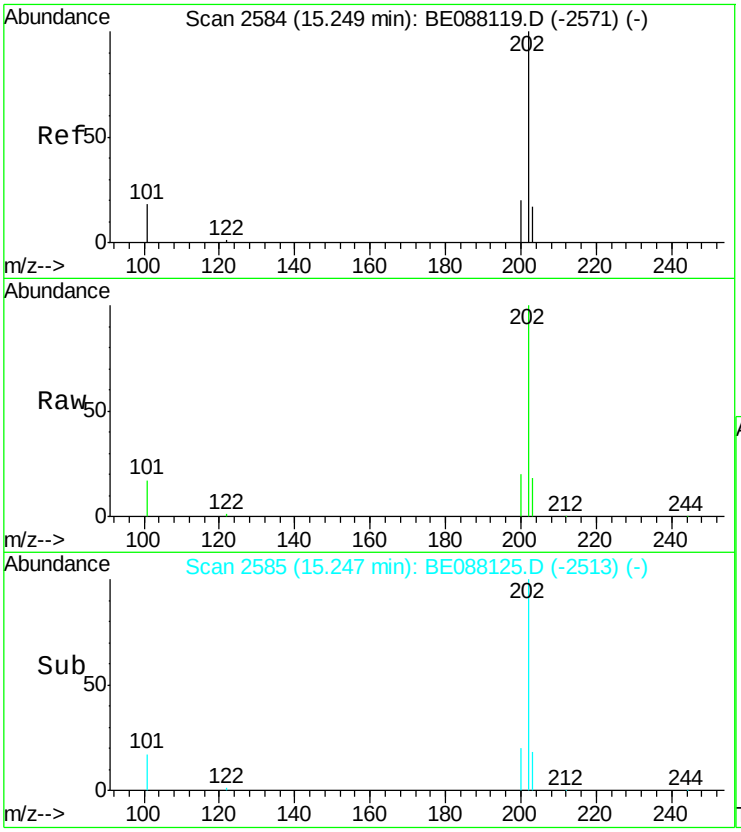


#14
Anthracene
Concen: 1.01 ng
RT: 13.09 min Scan# 2321
Delta R.T. 0.00 min
Lab File: BE088125.D
Acq: 21 Oct 2014 4:39

Tgt Ion:178 Resp: 95850

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	15.8	12.5	18.7



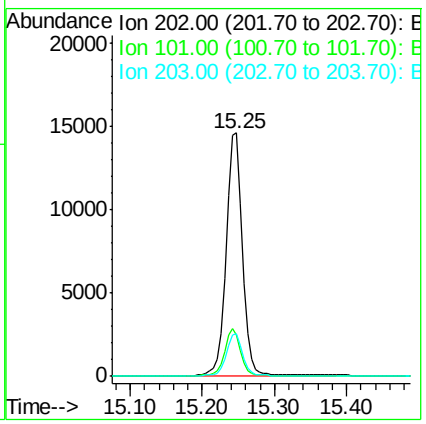


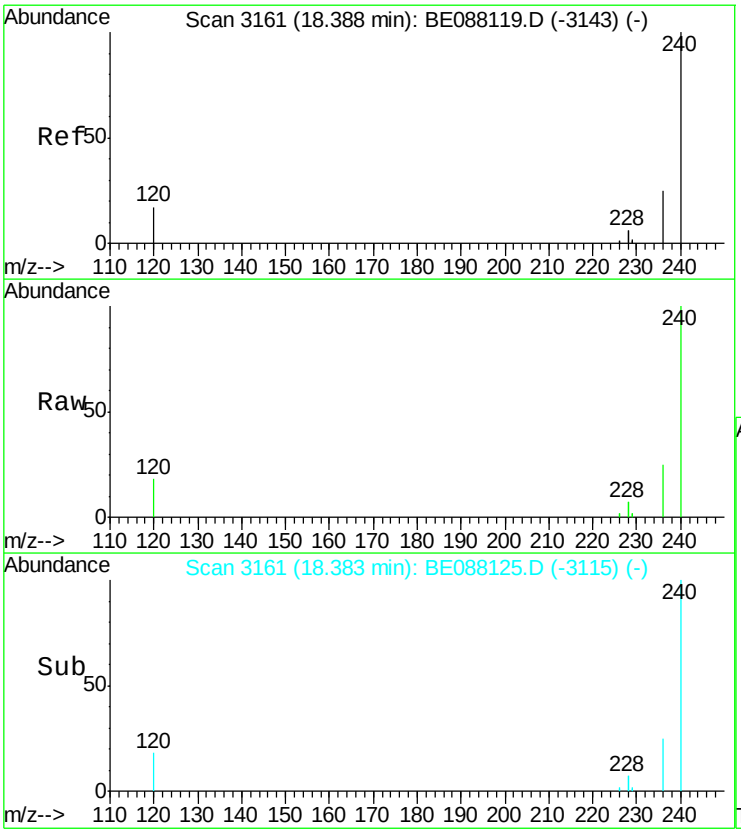
#15
Fluoranthene
Concen: 0.97 ng
RT: 15.25 min Scan# 2585
Delta R.T. -0.00 min
Lab File: BE088125.D
Acq: 21 Oct 2014 4:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:202 Resp: 22495

Ion	Ratio	Lower	Upper
202	100		
101	18.7	14.8	22.2
203	17.2	13.5	20.3

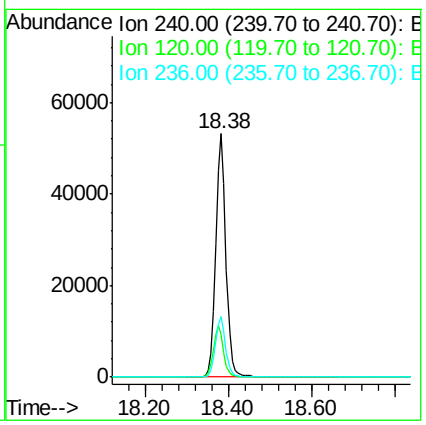


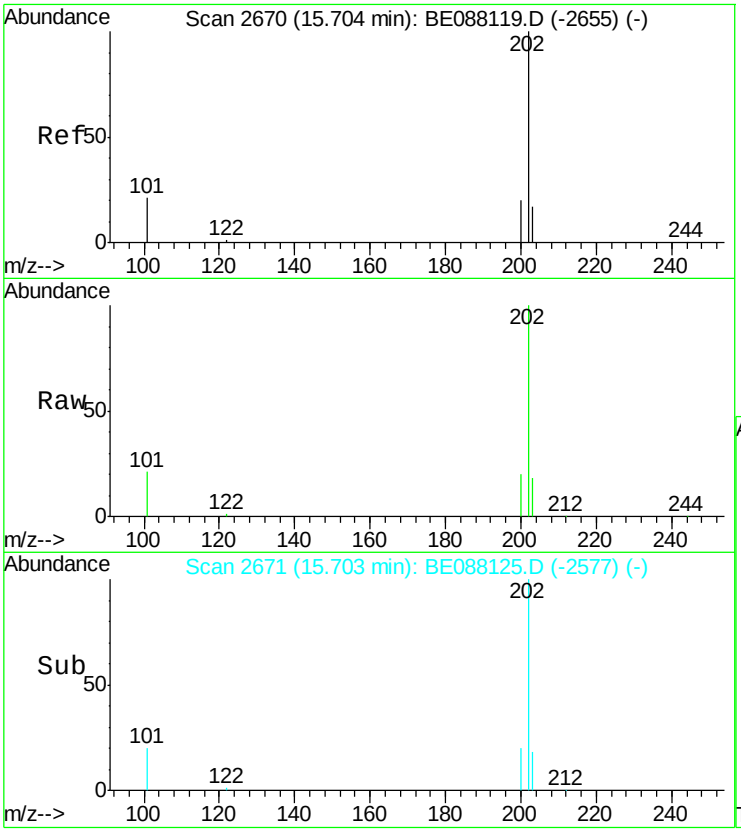


#16
Chrysene-d12
Concen: 5.00 ng
RT: 18.38 min Scan# 3161
Delta R.T. -0.00 min
Lab File: BE088125.D
Acq: 21 Oct 2014 4:39

Tgt Ion:240 Resp: 89341

Ion	Ratio	Lower	Upper
240	100		
120	17.7	13.9	20.9
236	25.1	19.9	29.9



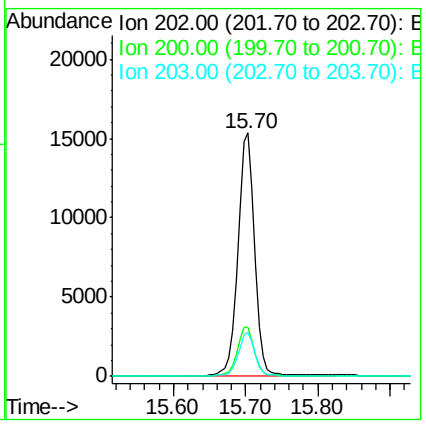


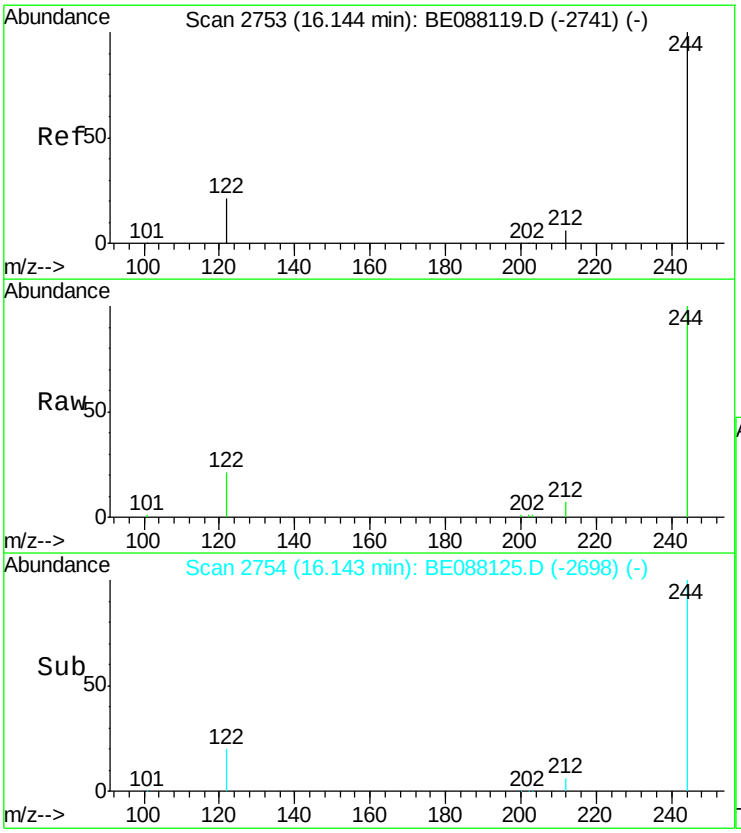
#17
Pyrene
Concen: 1.00 ng
RT: 15.70 min Scan# 2671
Delta R.T. -0.00 min
Lab File: BE088125.D
Acq: 21 Oct 2014 4:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:202 Resp: 24201

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.1	24.1
203	17.4	13.9	20.9

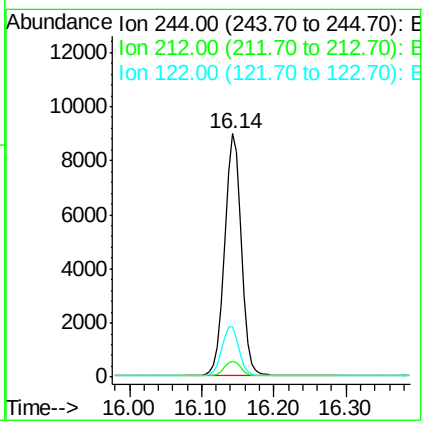


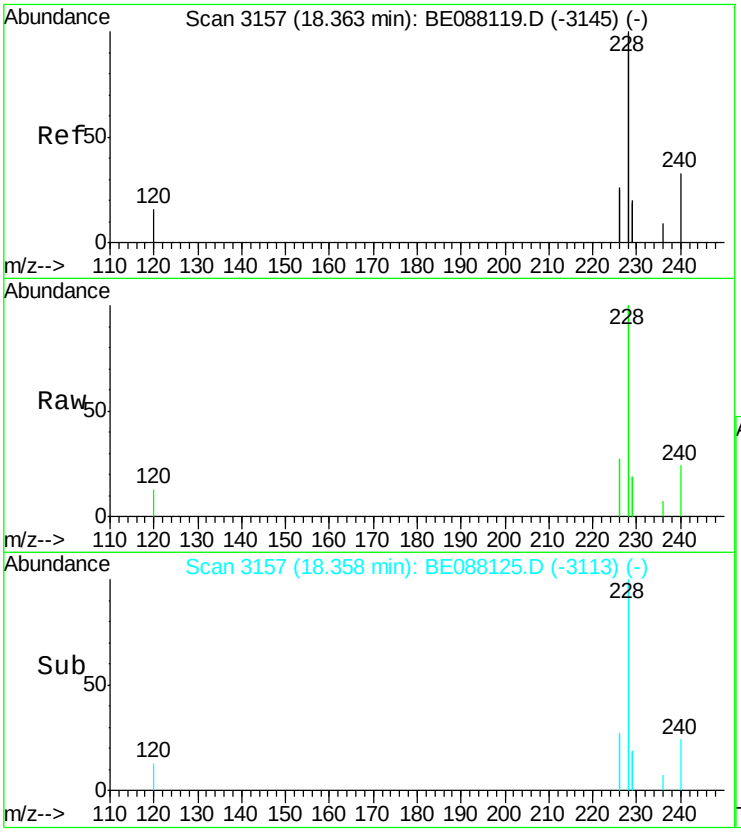


#18
Terphenyl-d14
Concen: 1.00 ng
RT: 16.14 min Scan# 2754
Delta R.T. -0.00 min
Lab File: BE088125.D
Acq: 21 Oct 2014 4:39

Tgt Ion:244 Resp: 14356

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	20.9	17.5	26.3



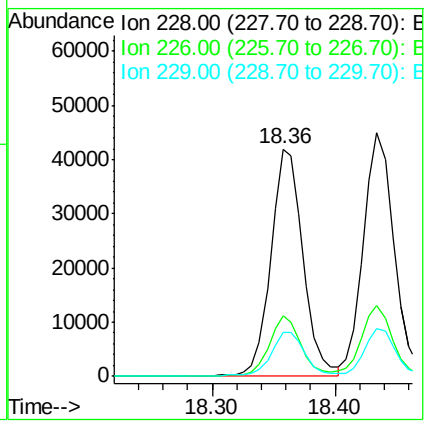


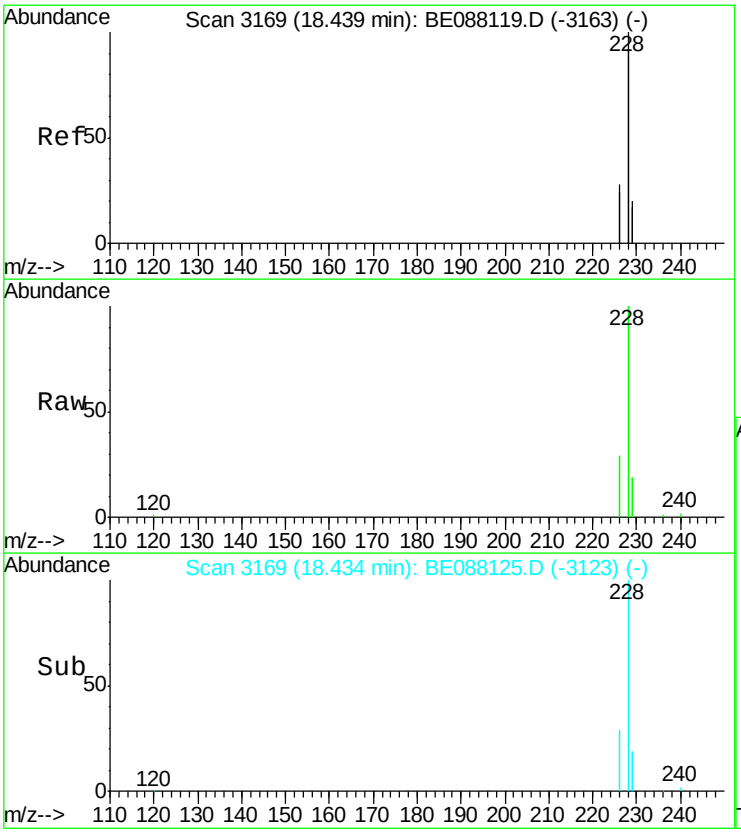
#19
Benzo(a)anthracene
Concen: 0.95 ng
RT: 18.36 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BE088125.D
Acq: 21 Oct 2014 4:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:228 Resp: 75581

Ion	Ratio	Lower	Upper
228	100		
226	26.7	20.8	31.2
229	19.2	15.6	23.4

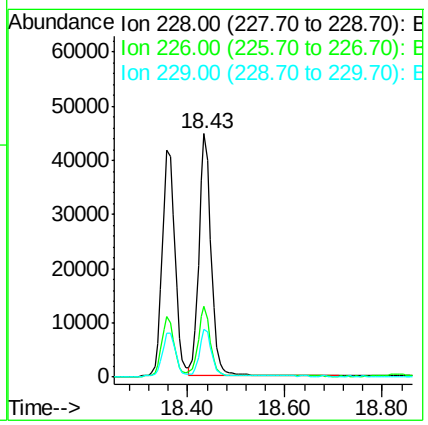


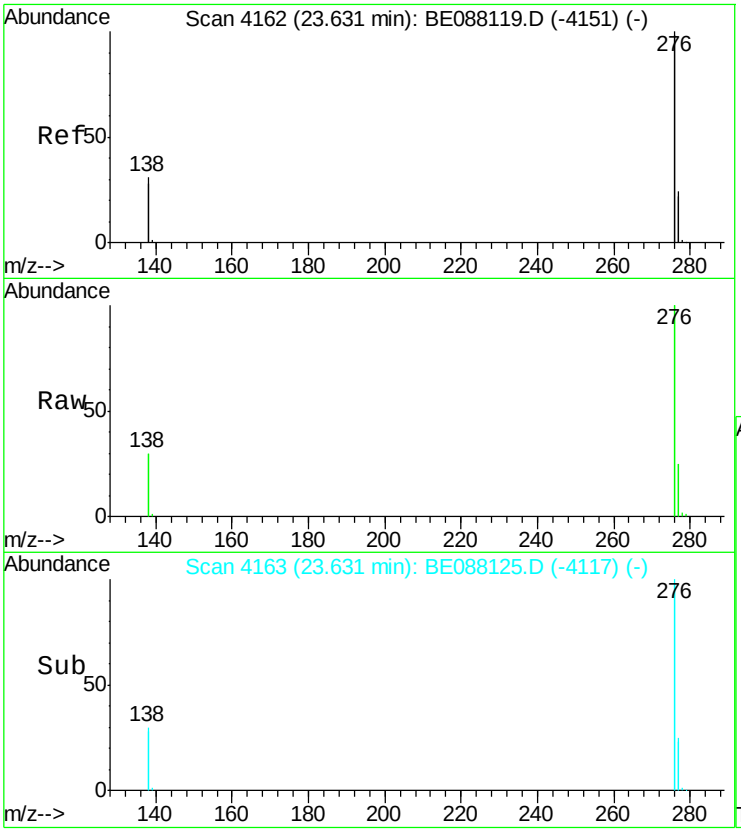


#20
Chrysene
Concen: 1.00 ng
RT: 18.43 min Scan# 3169
Delta R.T. -0.00 min
Lab File: BE088125.D
Acq: 21 Oct 2014 4:39

Tgt Ion:228 Resp: 78158

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.7	34.1
229	19.4	15.8	23.6



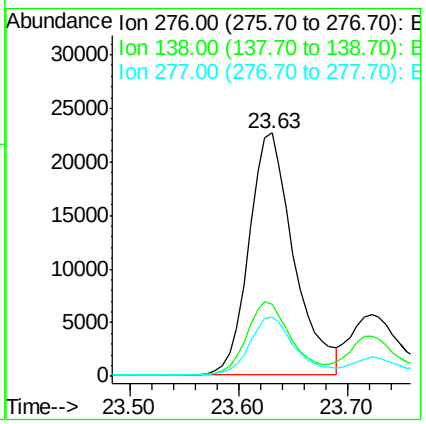


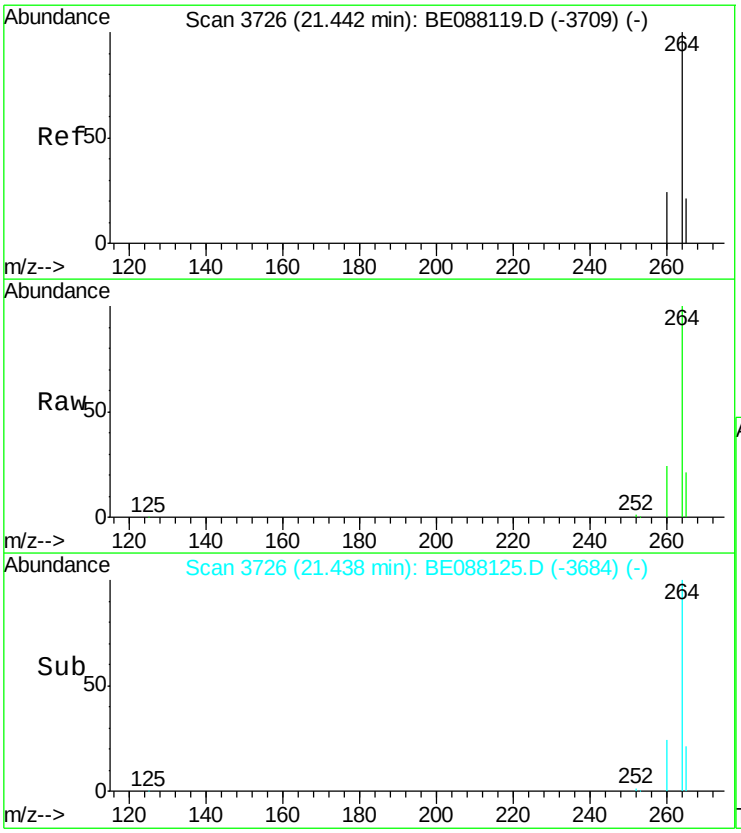
#21
Indeno(1,2,3-cd)pyrene
Concen: 0.74 ng
RT: 23.63 min Scan# 4163
Delta R.T. -0.00 min
Lab File: BE088125.D
Acq: 21 Oct 2014 4:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 64467

Ion	Ratio	Lower	Upper
276	100		
138	29.3	18.5	27.7#
277	23.7	14.6	21.8#

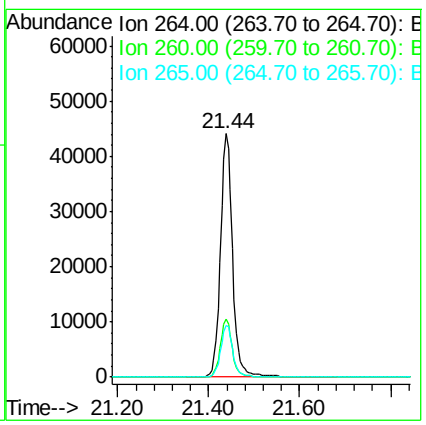


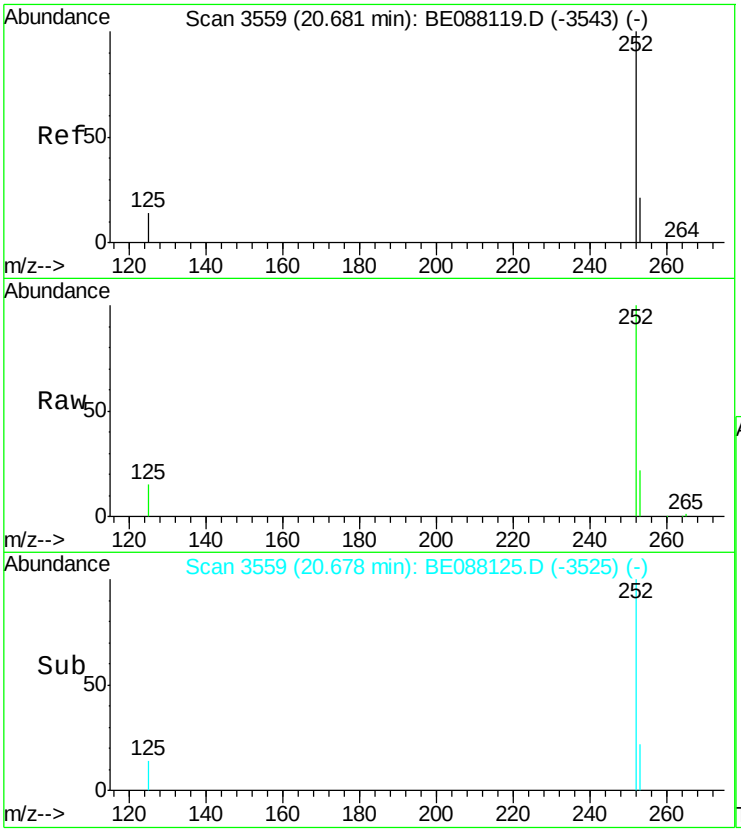


#22
Perylene-d12
Concen: 5.00 ng
RT: 21.44 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BE088125.D
Acq: 21 Oct 2014 4:39

Tgt Ion:264 Resp: 81489

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.4	17.2	25.8



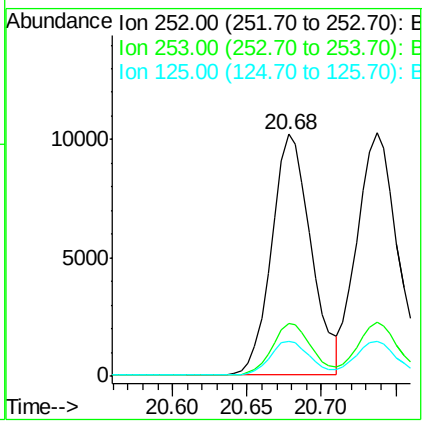


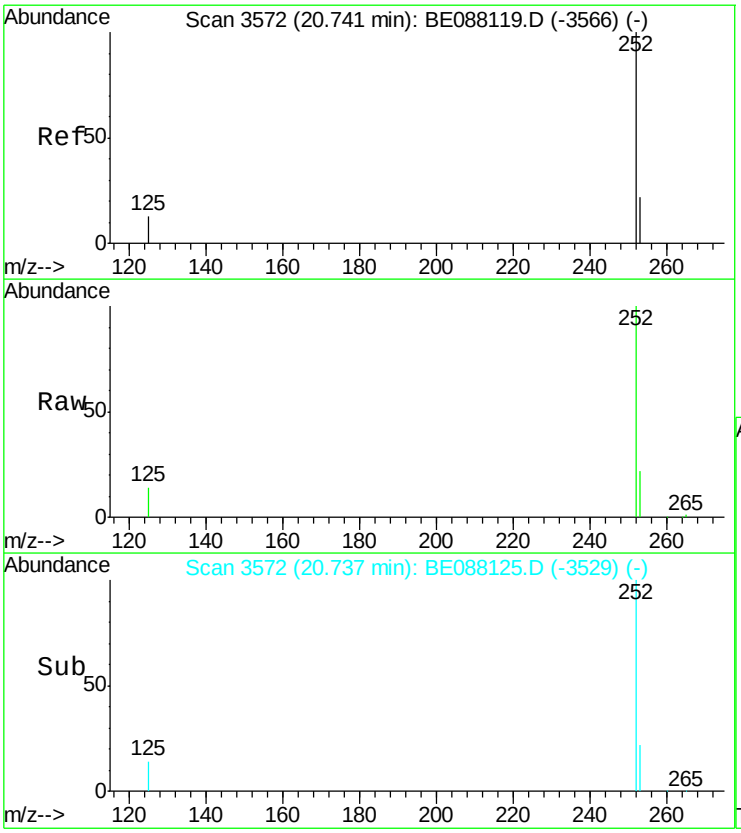
#23
Benzo(b)fluoranthene
Concen: 0.97 ng
RT: 20.68 min Scan# 3559
Delta R.T. -0.00 min
Lab File: BE088125.D
Acq: 21 Oct 2014 4:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 18781

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	14.7	11.8	17.8

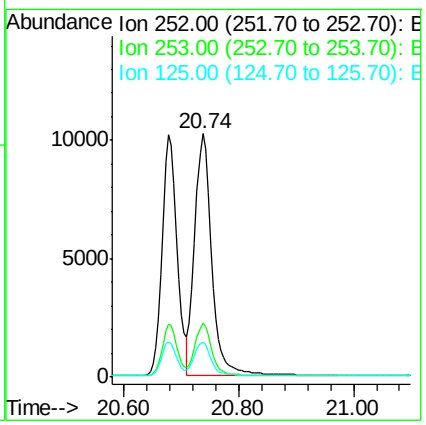


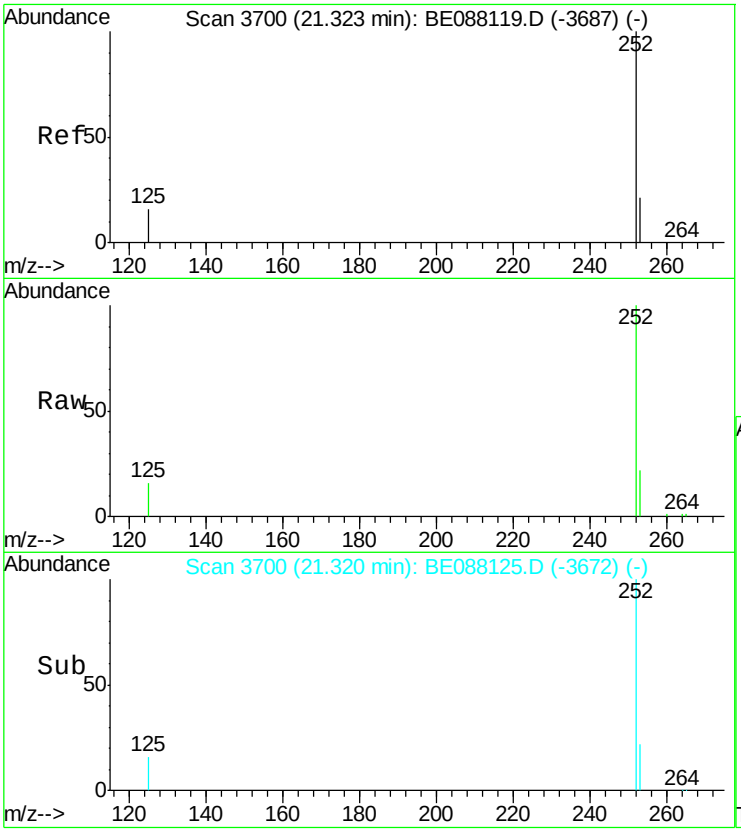


#24
Benzo(k)fluoranthene
Concen: 0.99 ng
RT: 20.74 min Scan# 3572
Delta R.T. -0.00 min
Lab File: BE088125.D
Acq: 21 Oct 2014 4:39

Tgt Ion:252 Resp: 20656

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	14.4	11.5	17.3



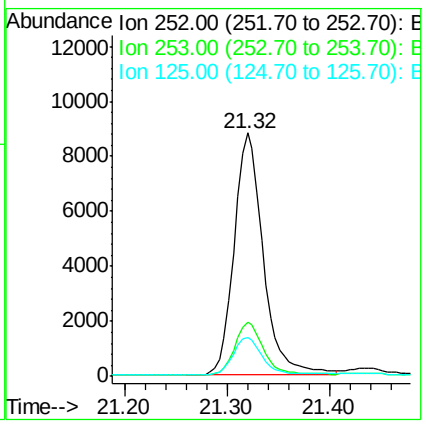


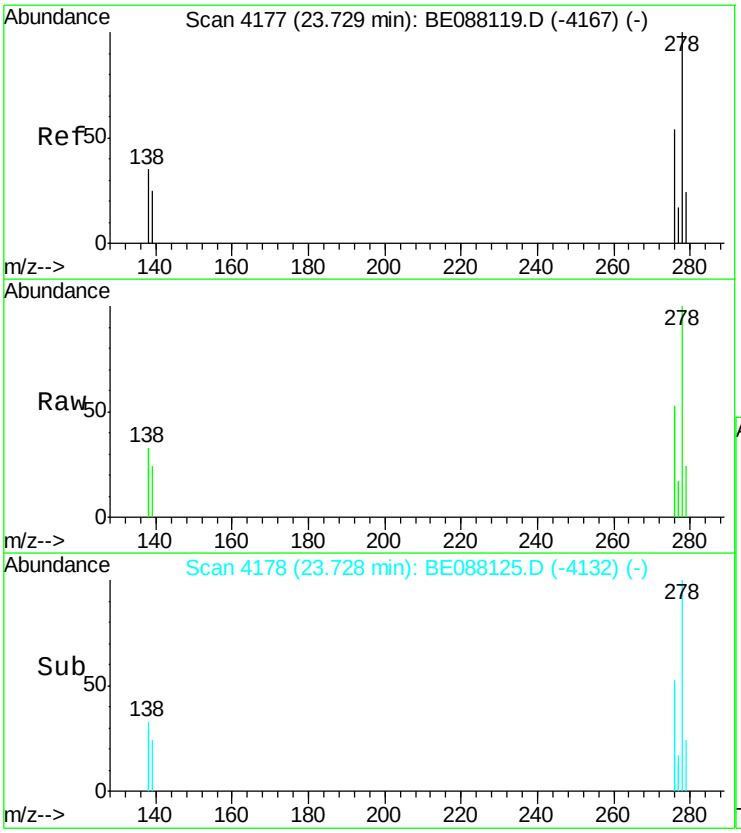
#25
Benzo(a)pyrene
Concen: 0.97 ng
RT: 21.32 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BE088125.D
Acq: 21 Oct 2014 4:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 17302

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	16.1	13.0	19.6

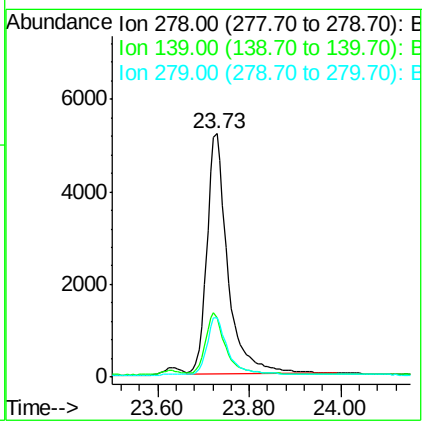


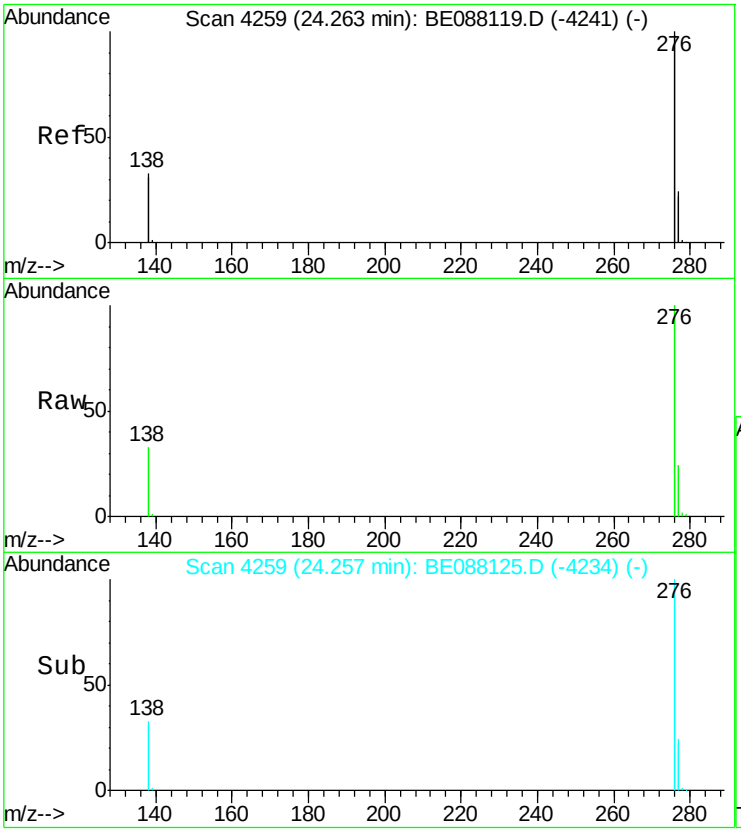


#26
Dibenzo(a,h)anthracene
Concen: 0.94 ng
RT: 23.73 min Scan# 4178
Delta R.T. -0.00 min
Lab File: BE088125.D
Acq: 21 Oct 2014 4:39

Tgt Ion:278 Resp: 16522

Ion	Ratio	Lower	Upper
278	100		
139	24.3	20.9	31.3
279	24.4	19.8	29.8





#27
Benzo(g,h,i)perylene
Concen: 0.95 ng
RT: 24.26 min Scan# 4259
Delta R.T. -0.01 min
Lab File: BE088125.D
Acq: 21 Oct 2014 4:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 73582

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	33.3	26.6	40.0