Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE103114\
Data File : BE088449.D
Acq On : 1 Nov 2014 6:59
Operator : TP/JJ
Sample : F4379-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 02 04:15:45 2014
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BE103114.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 01 00:42:07 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	40420	5.00	ng		0.00
3) Naphthalene-d8	8.65	136	136343	5.00	ng		0.00
7) Acenaphthene-d10	10.80	164	54014	5.00	ng		0.01
12) Phenanthrene-d10	12.92	188	92891	5.00	ng		0.02
16) Chrysene-d12	18.34	240	54729	5.00	ng		0.03
22) Perylene-d12	21.40	264	53004	5.00	ng		0.03
System Monitoring Compounds							
4) Nitrobenzene-d5	7.79	82	525367	52.54	ng		0.02
8) 2-Fluorobiphenyl	10.00	172	581153	38.17	ng		0.01
18) Terphenyl-d14	16.11	244	365547	36.36	ng		0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	256	0.05	ng	#	76
5) Naphthalene	8.68	128	11918	0.42	ng		98
6) 2-Methylnaphthalene	9.53	142	2944	0.17	ng		95
9) Acenaphthylene	10.63	152	18583	0.21	ng		96
10) Acenaphthene	10.84	154	6266	0.48	ng		95
11) Fluorene	11.49	166	8074	0.59	ng		98
13) Phenanthrene	12.95	178	635279	7.53	ng		99
14) Anthracene	12.95	178	635279	9.32	ng		100
15) Fluoranthene	15.20	202	155178	11.33	ng		99
17) Pyrene	15.20	202	154443	8.65	ng		100
19) Benzo(a)anthracene	18.31	228	255697	4.96	ng		98
20) Chrysene	18.39	228	253280	5.01	ng		97
21) Indeno(1,2,3-cd)pyrene	23.58	276	141845	3.01	ng	#	85
23) Benzo(b)fluoranthene	20.64	252	74517	6.41	ng		97
24) Benzo(k)fluoranthene	20.69	252	28198	2.20	ng		97
25) Benzo(a)pyrene	21.28	252	51686	4.63	ng		99
26) Dibenzo(a,h)anthracene	23.66	278	9316	0.90	ng		90
27) Benzo(g,h,i)perylene	24.22	276	138812	2.92	ng		99

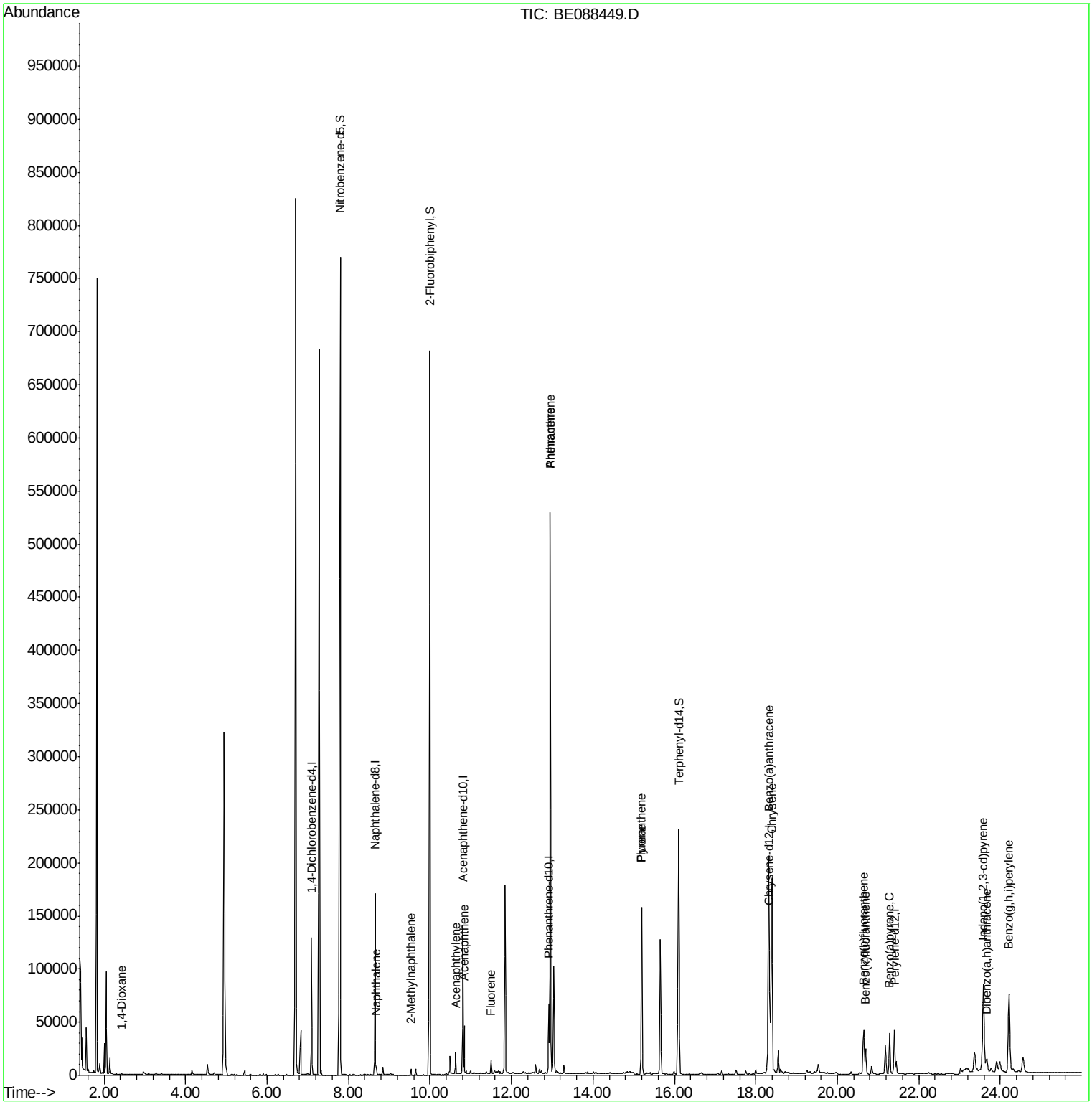
(#) = qualifier out of range (m) = manual integration (+) = signals summed

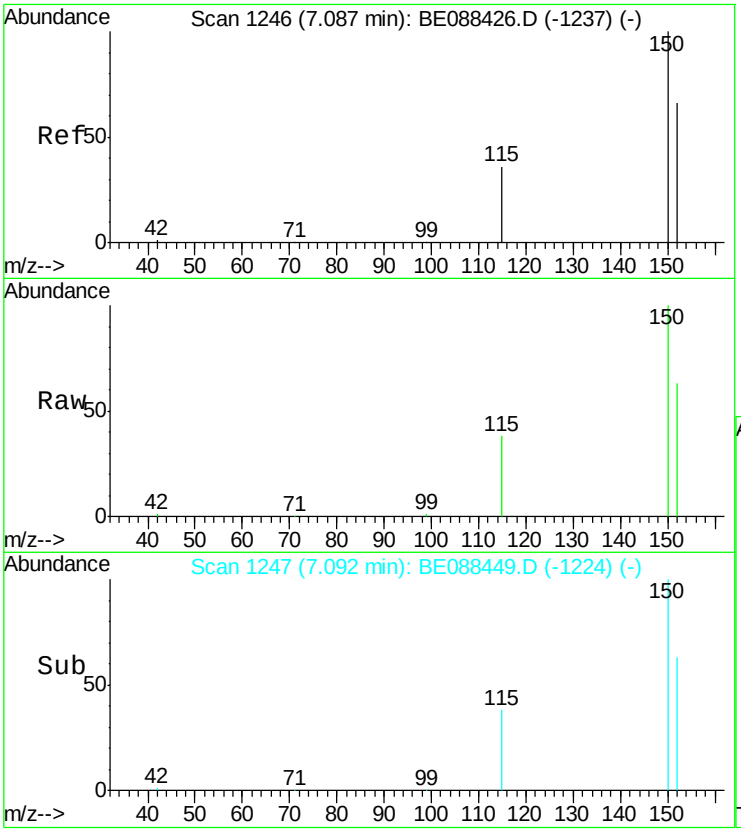
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE103114\
Data File : BE088449.D
Acq On : 1 Nov 2014 6:59
Operator : TP/JJ
Sample : F4379-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 02 04:15:45 2014
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BE103114.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 01 00:42:07 2014
Response via : Initial Calibration



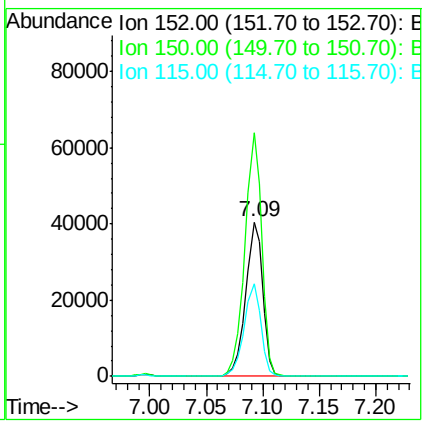


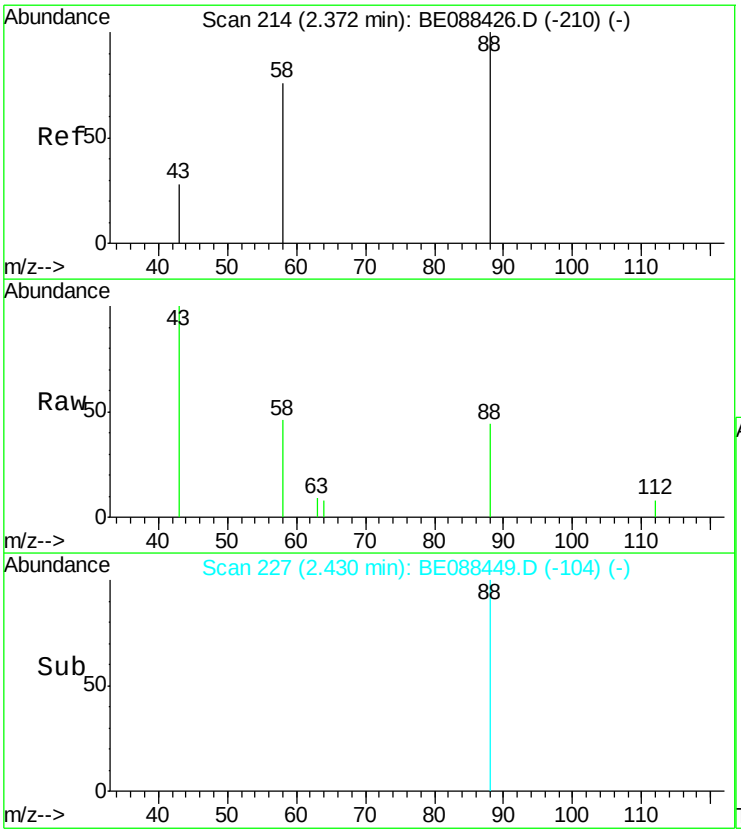
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.09 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE088449.D
Acq: 1 Nov 2014 6:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 40420

Ion	Ratio	Lower	Upper
152	100		
150	157.7	121.8	182.8
115	59.7	43.9	65.9

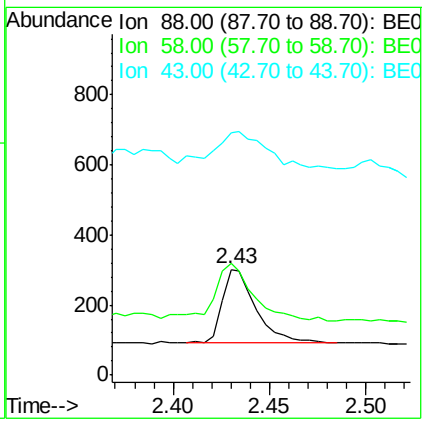


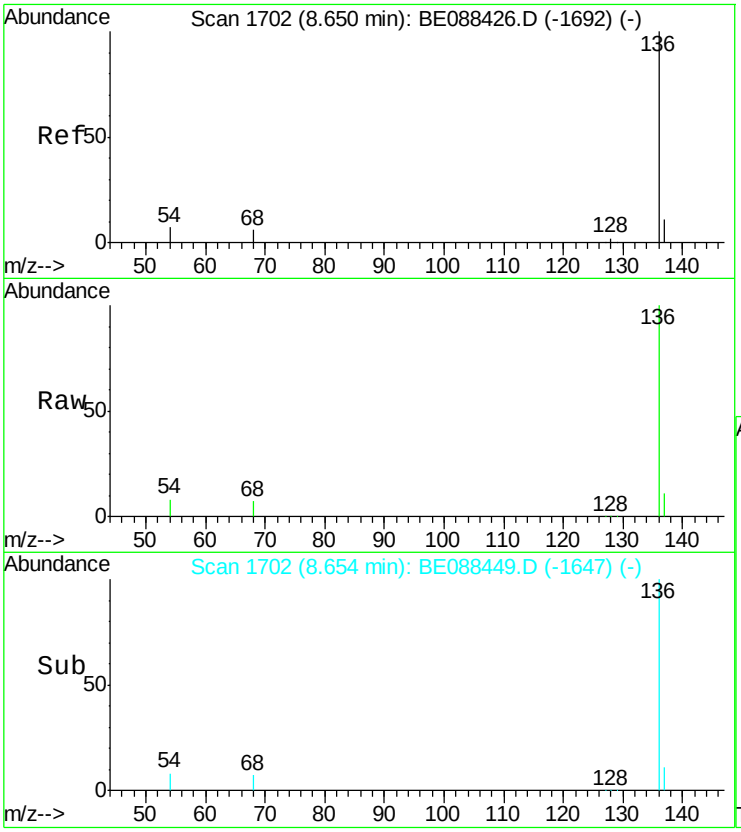


#2
1,4-Dioxane
Concen: 0.05 ng
RT: 2.43 min Scan# 227
Delta R.T. 0.06 min
Lab File: BE088449.D
Acq: 1 Nov 2014 6:59

Tgt Ion: 88 Resp: 256

Ion	Ratio	Lower	Upper
88	100		
58	85.2	59.1	88.7
43	0.0	21.9	32.9#



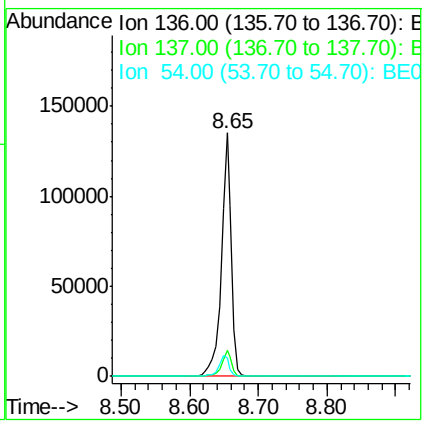


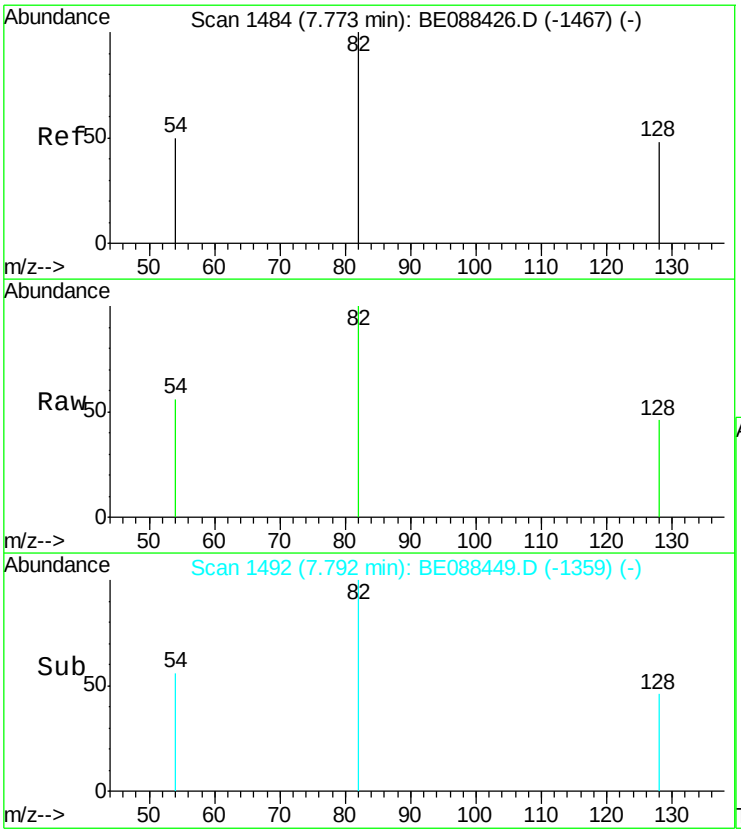
#3
Naphthalene-d8
Concen: 5.00 ng
RT: 8.65 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BE088449.D
Acq: 1 Nov 2014 6:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 136343

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.7	5.3	7.9

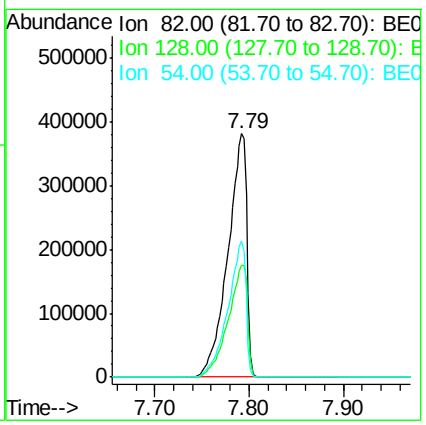


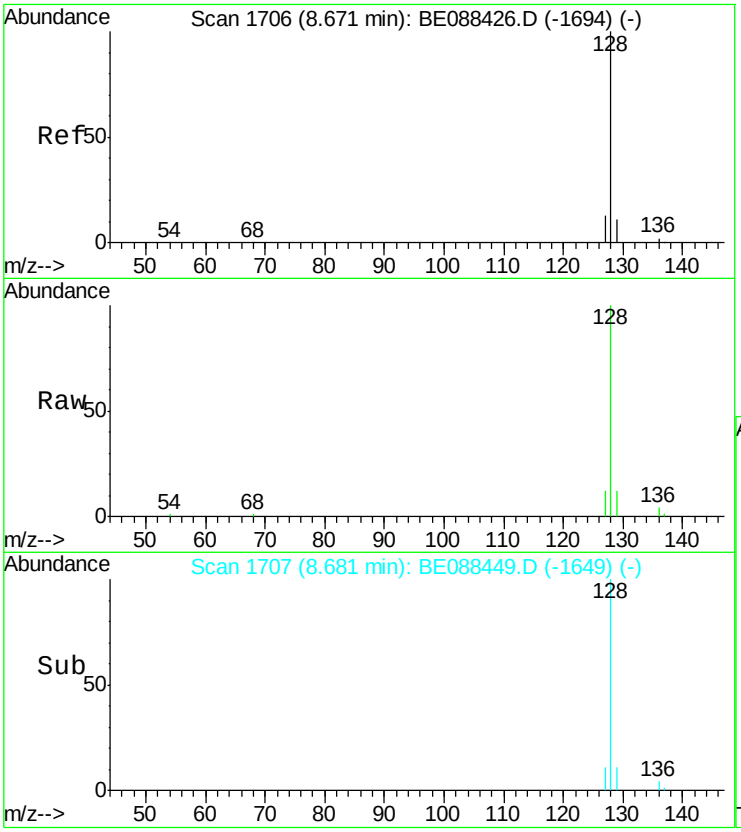


#4
Nitrobenzene-d5
Concen: 52.54 ng
RT: 7.79 min Scan# 1492
Delta R.T. 0.02 min
Lab File: BE088449.D
Acq: 1 Nov 2014 6:59

Tgt Ion: 82 Resp: 525367

Ion	Ratio	Lower	Upper
82	100		
128	45.7	38.4	57.6
54	56.0	40.2	60.2



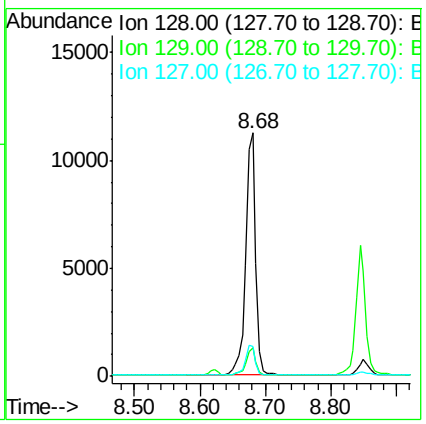


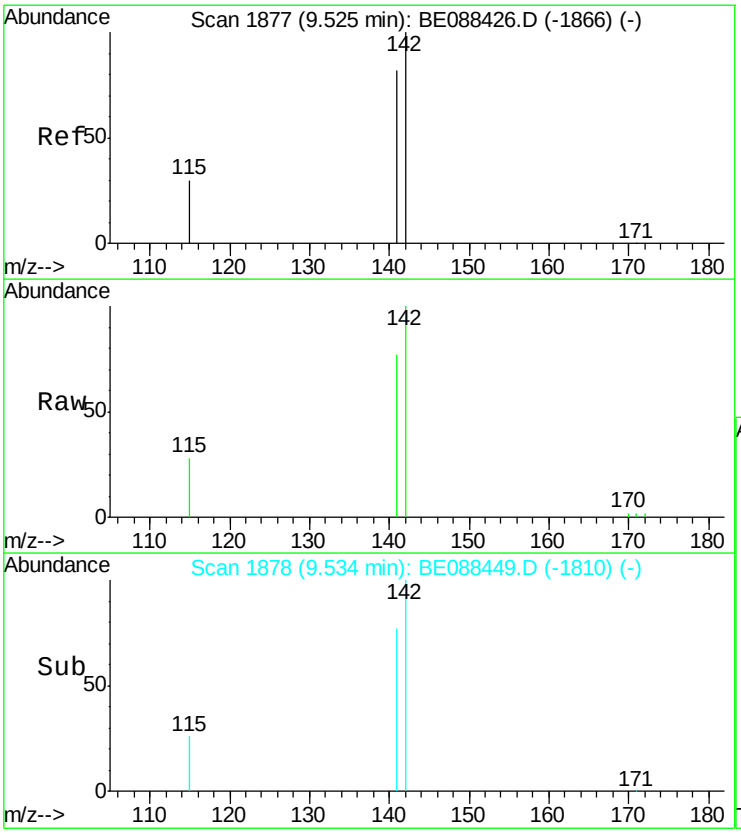
#5
Naphthalene
Concen: 0.42 ng
RT: 8.68 min Scan# 1707
Delta R.T. 0.01 min
Lab File: BE088449.D
Acq: 1 Nov 2014 6:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 11918

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	12.8
127	12.1	10.1	15.1

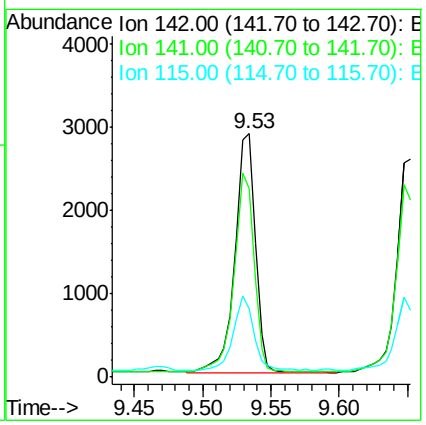


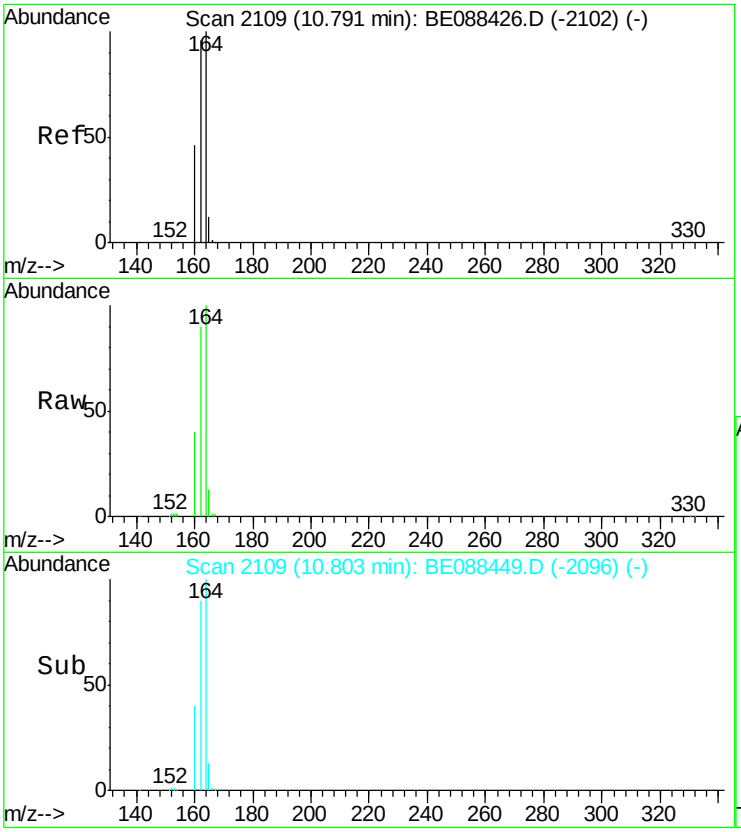


#6
2-Methylnaphthalene
Concen: 0.17 ng
RT: 9.53 min Scan# 1878
Delta R.T. 0.01 min
Lab File: BE088449.D
Acq: 1 Nov 2014 6:59

Tgt Ion:142 Resp: 2944

Ion	Ratio	Lower	Upper
142	100		
141	77.5	65.8	98.8
115	28.2	24.2	36.4



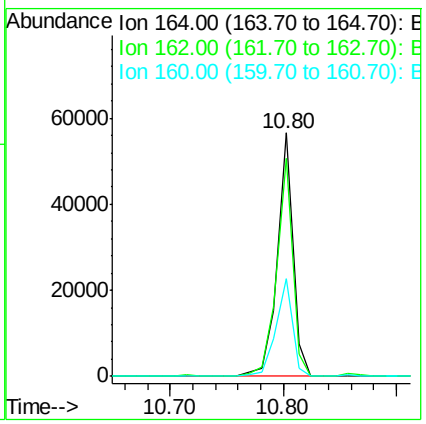


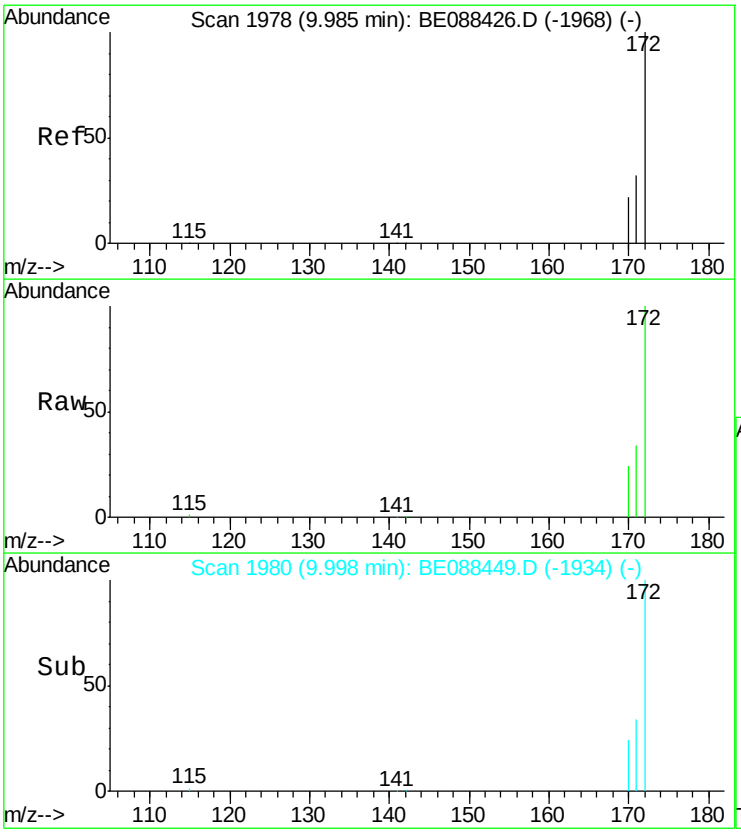
#7
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.80 min Scan# 2109
Delta R.T. 0.01 min
Lab File: BE088449.D
Acq: 1 Nov 2014 6:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 54014

Ion	Ratio	Lower	Upper
164	100		
162	89.6	77.0	115.4
160	40.2	36.8	55.2

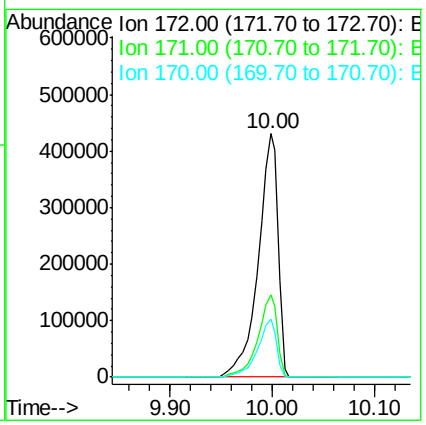


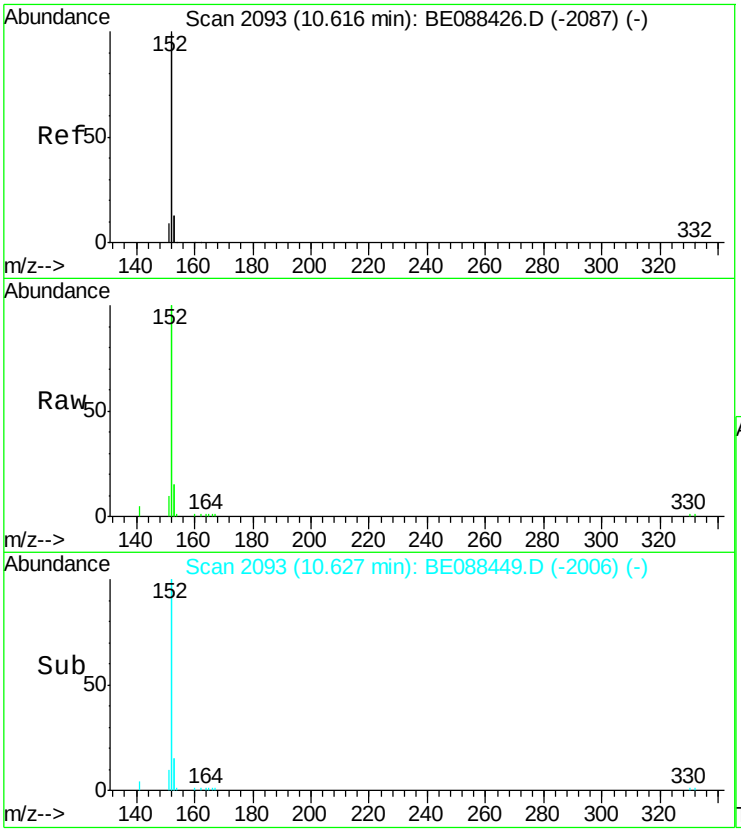


#8
2-Fluorobiphenyl
Concen: 38.17 ng
RT: 10.00 min Scan# 1980
Delta R.T. 0.01 min
Lab File: BE088449.D
Acq: 1 Nov 2014 6:59

Tgt Ion:172 Resp: 581153

Ion	Ratio	Lower	Upper
172	100		
171	33.9	26.0	39.0
170	23.7	17.6	26.4



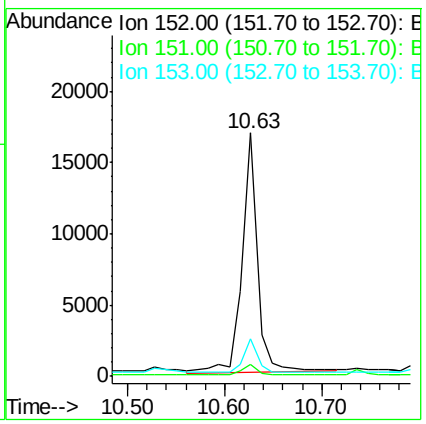


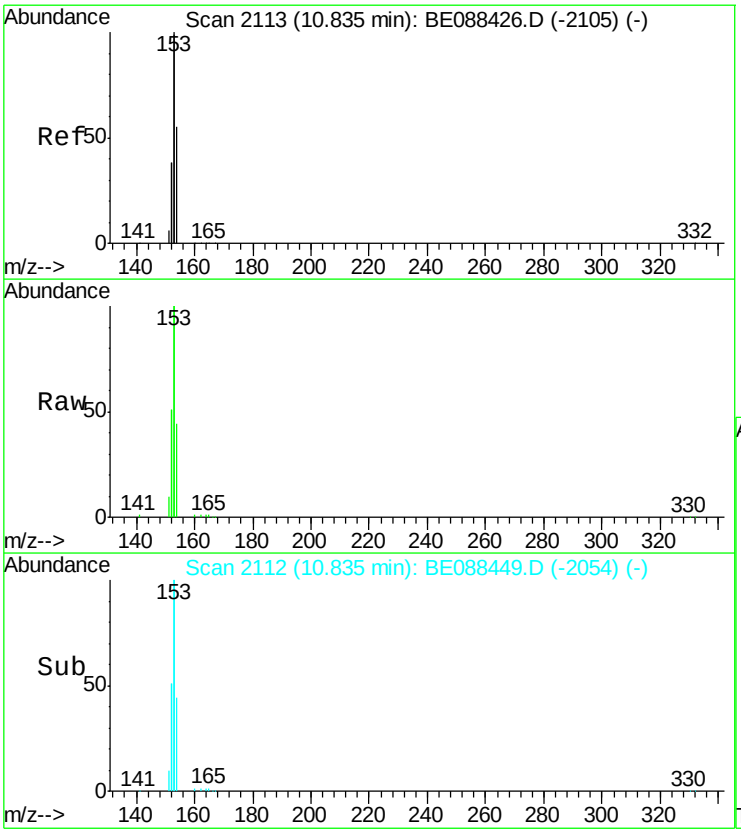
#9
Acenaphthylene
Concen: 0.21 ng
RT: 10.63 min Scan# 2093
Delta R.T. 0.01 min
Lab File: BE088449.D
Acq: 1 Nov 2014 6:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 18583

Ion	Ratio	Lower	Upper
152	100		
151	4.5	4.4	6.6
153	15.0	10.5	15.7

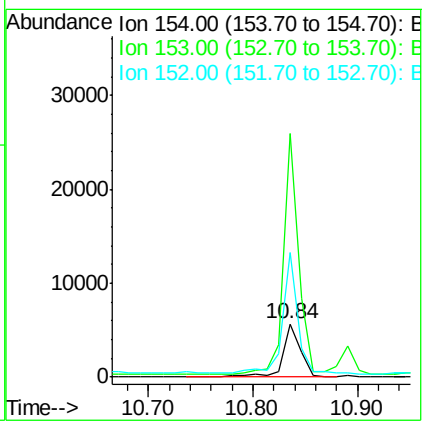


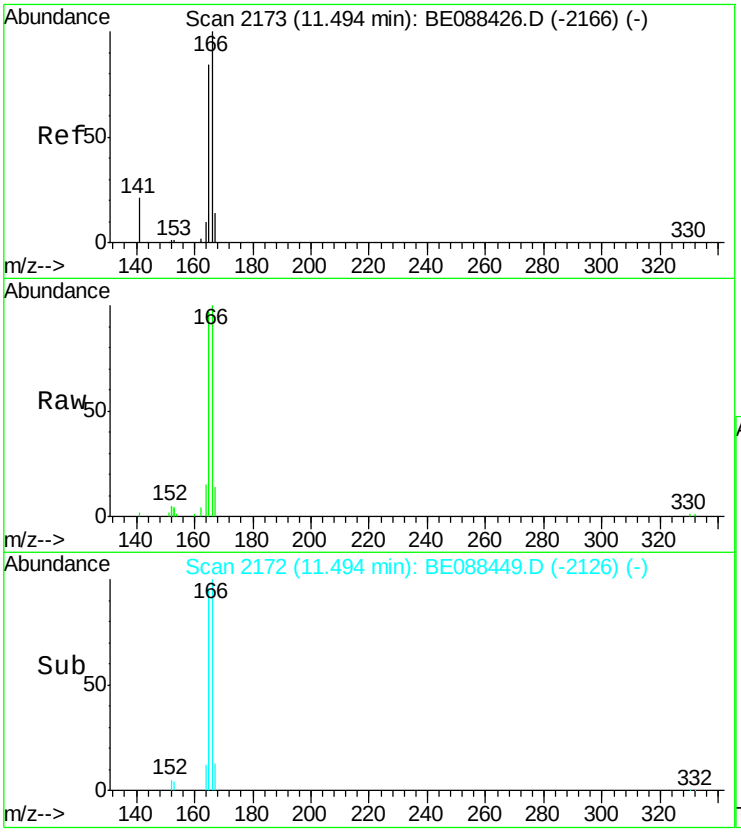


#10
Acenaphthene
Concen: 0.48 ng
RT: 10.84 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BE088449.D
Acq: 1 Nov 2014 6:59

Tgt Ion:154 Resp: 6266

Ion	Ratio	Lower	Upper
154	100		
153	409.4	324.3	486.5
152	210.0	154.9	232.3



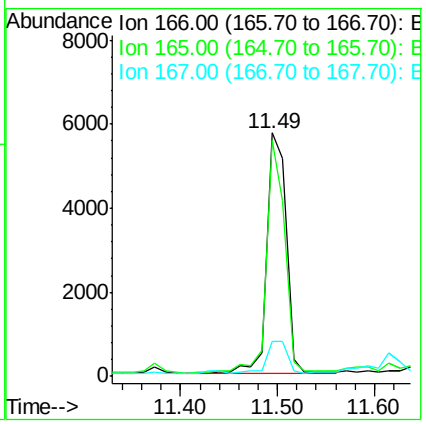


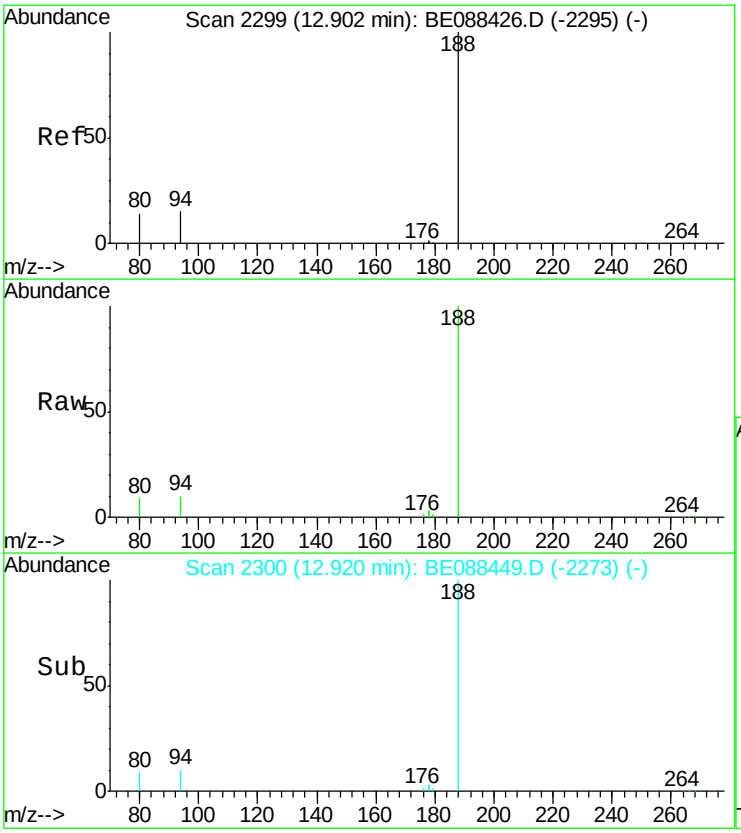
#11
Fluorene
Concen: 0.59 ng
RT: 11.49 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BE088449.D
Acq: 1 Nov 2014 6:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 8074

Ion	Ratio	Lower	Upper
166	100		
165	90.5	71.3	106.9
167	14.8	10.7	16.1

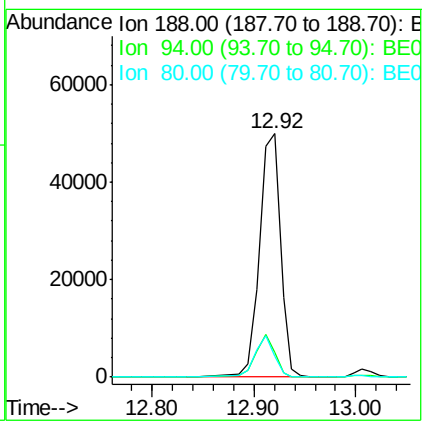


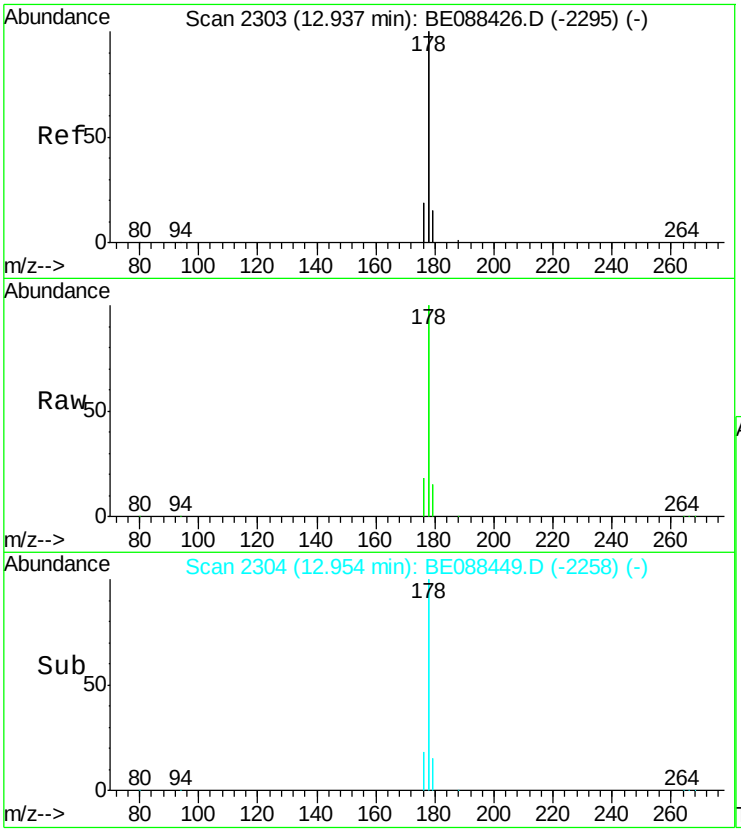


#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.92 min Scan# 2300
Delta R.T. 0.02 min
Lab File: BE088449.D
Acq: 1 Nov 2014 6:59

Tgt Ion:188 Resp: 92891

Ion	Ratio	Lower	Upper
188	100		
94	10.0	11.8	17.8#
80	8.7	10.9	16.3#



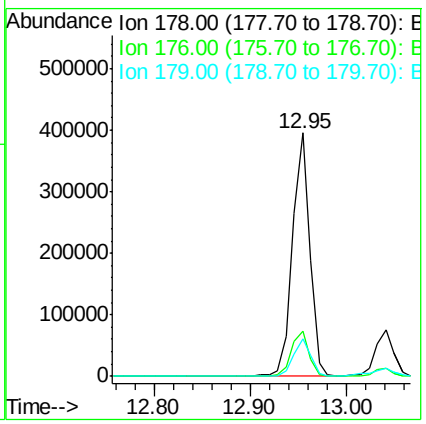


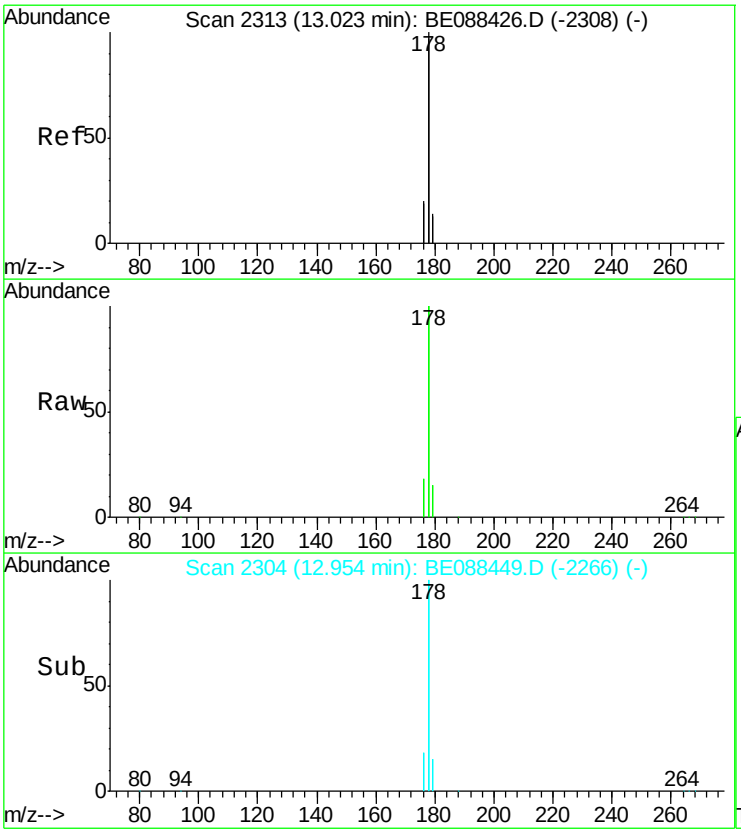
#13
Phenanthrene
Concen: 7.53 ng
RT: 12.95 min Scan# 2304
Delta R.T. 0.02 min
Lab File: BE088449.D
Acq: 1 Nov 2014 6:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 635279

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.7	12.8	19.2

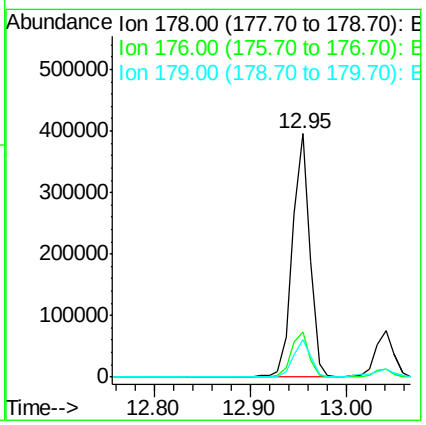


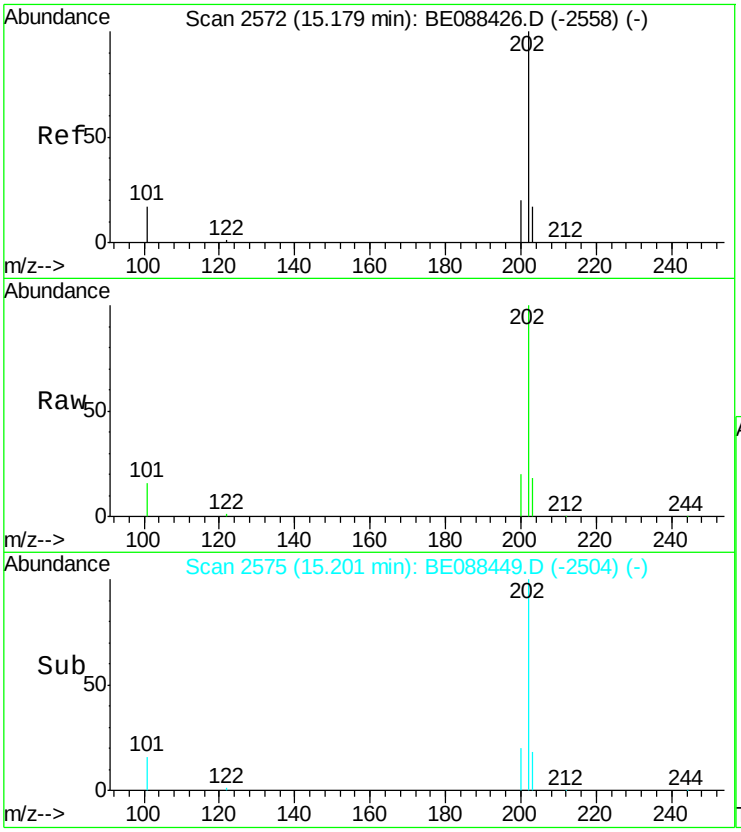


#14
Anthracene
Concen: 9.32 ng
RT: 12.95 min Scan# 2304
Delta R.T. -0.07 min
Lab File: BE088449.D
Acq: 1 Nov 2014 6:59

Tgt Ion:178 Resp: 635279

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.7	12.5	18.7



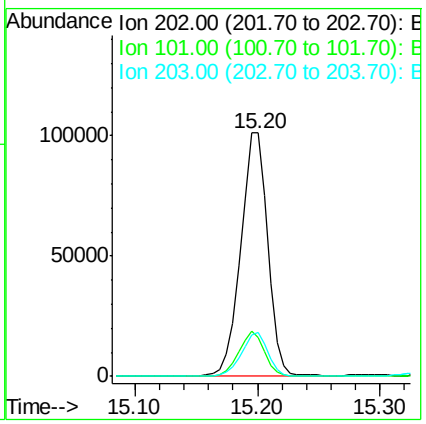


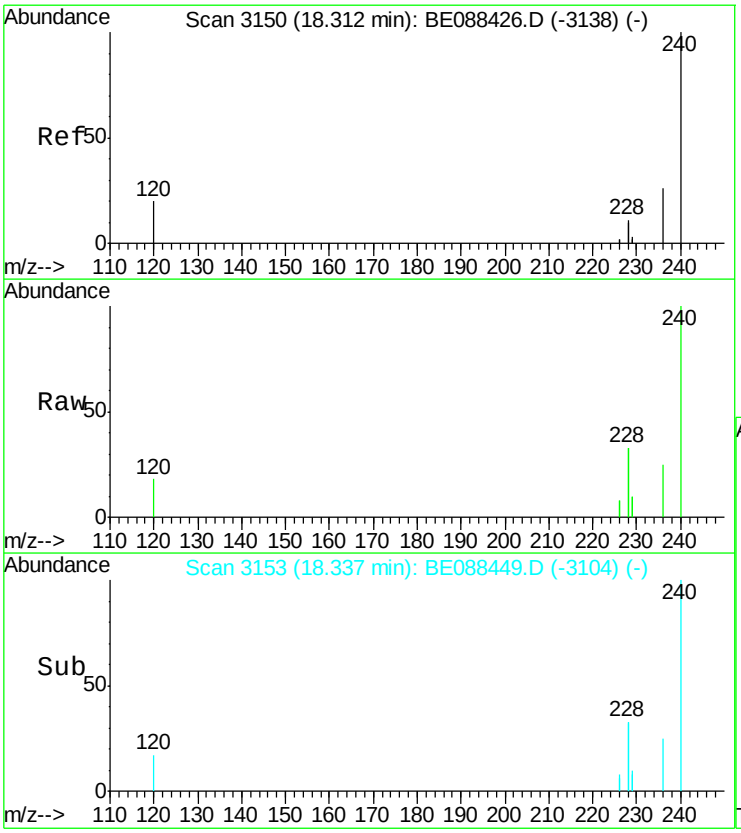
#15
Fluoranthene
Concen: 11.33 ng
RT: 15.20 min Scan# 2575
Delta R.T. 0.02 min
Lab File: BE088449.D
Acq: 1 Nov 2014 6:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 155178

Ion	Ratio	Lower	Upper
202	100		
101	17.5	14.3	21.5
203	17.3	13.6	20.4

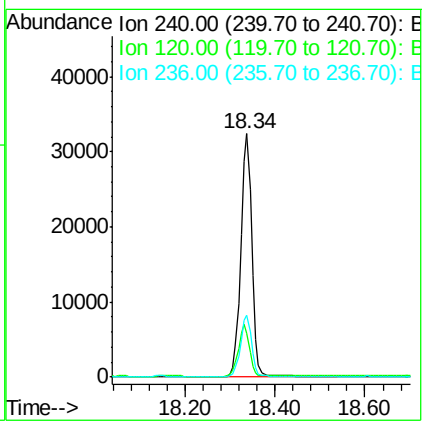


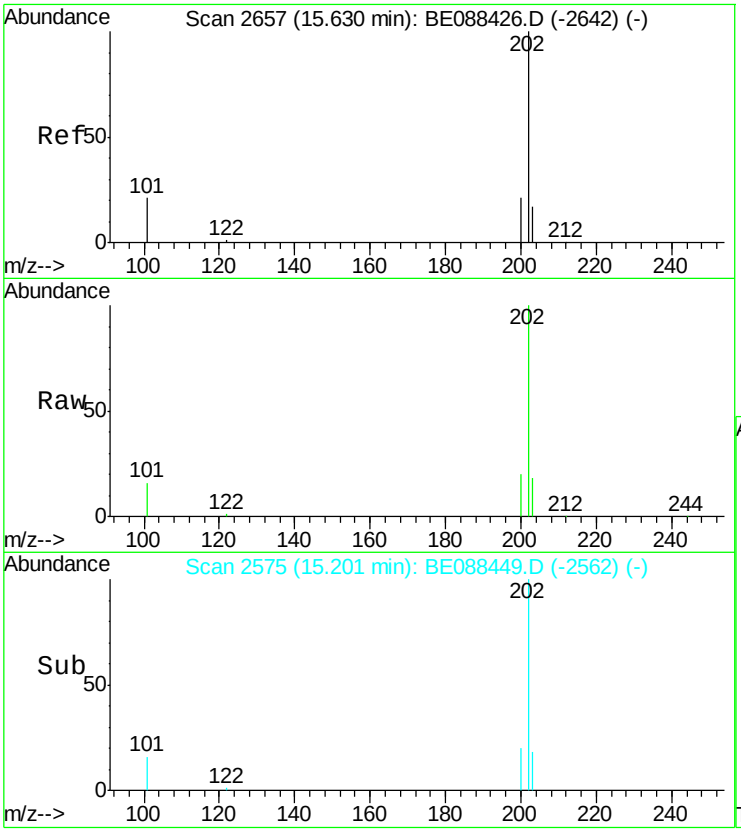


#16
Chrysene-d12
Concen: 5.00 ng
RT: 18.34 min Scan# 3153
Delta R.T. 0.03 min
Lab File: BE088449.D
Acq: 1 Nov 2014 6:59

Tgt Ion:240 Resp: 54729

Ion	Ratio	Lower	Upper
240	100		
120	17.9	16.4	24.6
236	25.4	20.5	30.7



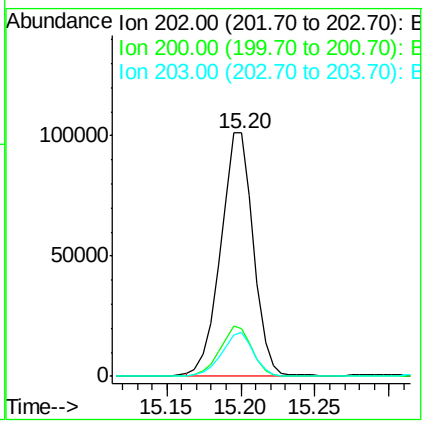


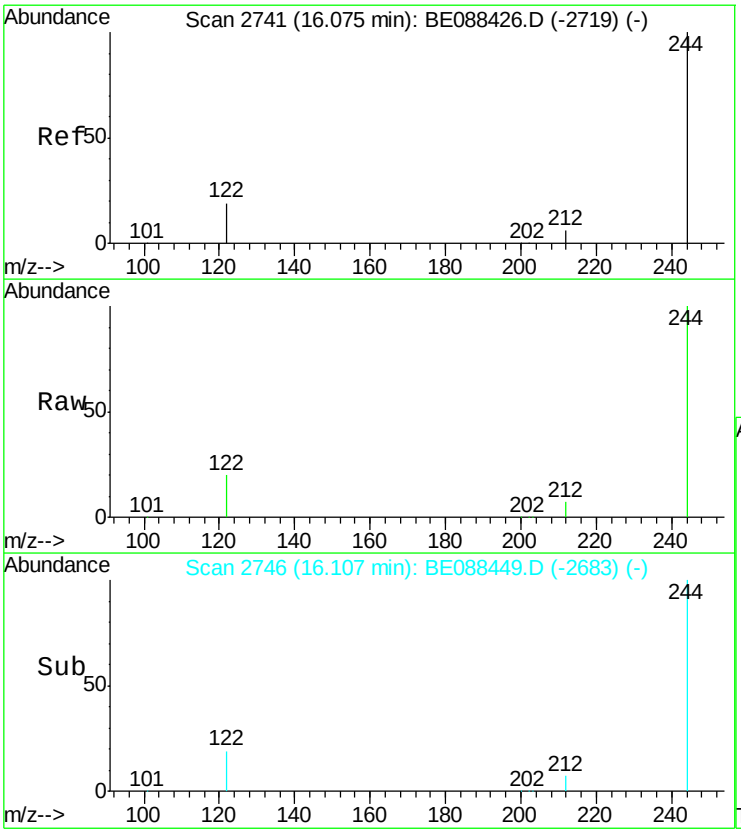
#17
Pyrene
Concen: 8.65 ng
RT: 15.20 min Scan# 2575
Delta R.T. -0.43 min
Lab File: BE088449.D
Acq: 1 Nov 2014 6:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 154443

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.1	24.1
203	17.3	13.8	20.8

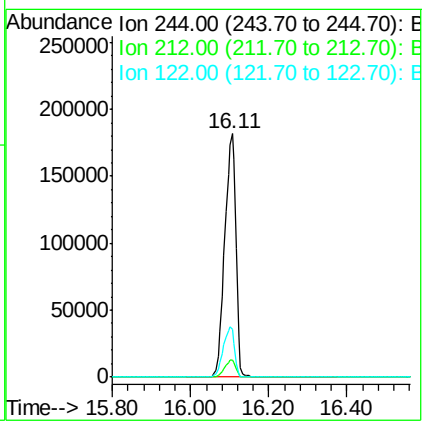


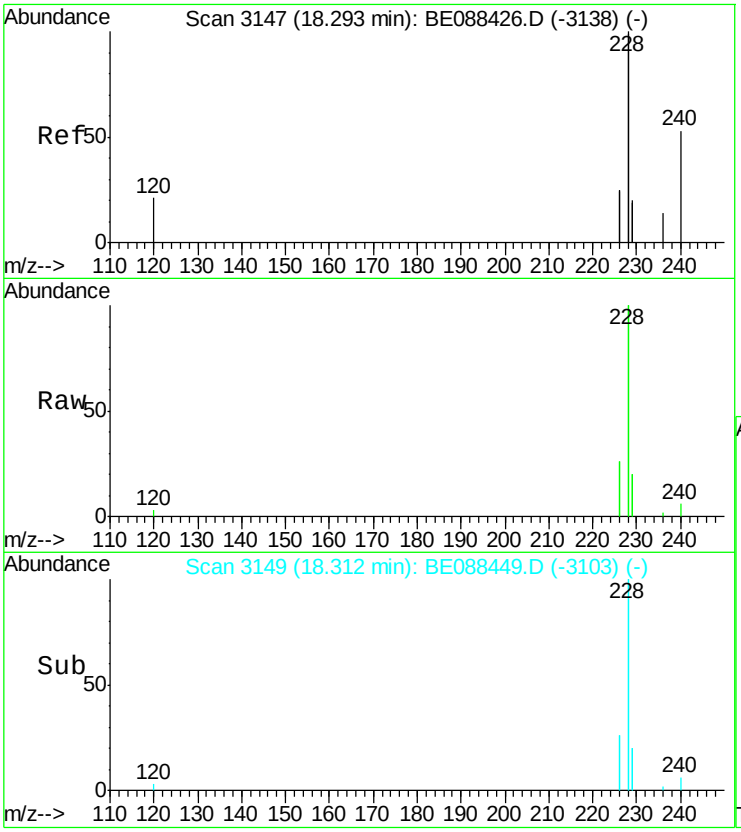


#18
Terphenyl-d14
Concen: 36.36 ng
RT: 16.11 min Scan# 2746
Delta R.T. 0.03 min
Lab File: BE088449.D
Acq: 1 Nov 2014 6:59

Tgt Ion:244 Resp: 365547

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	19.6	15.6	23.4



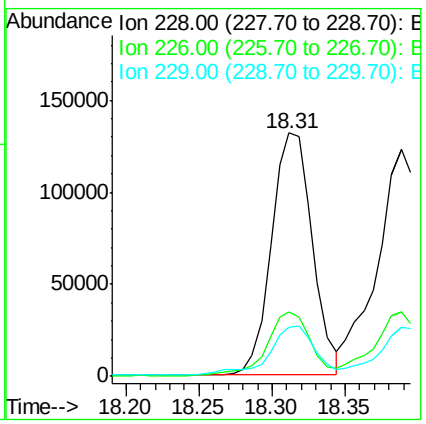


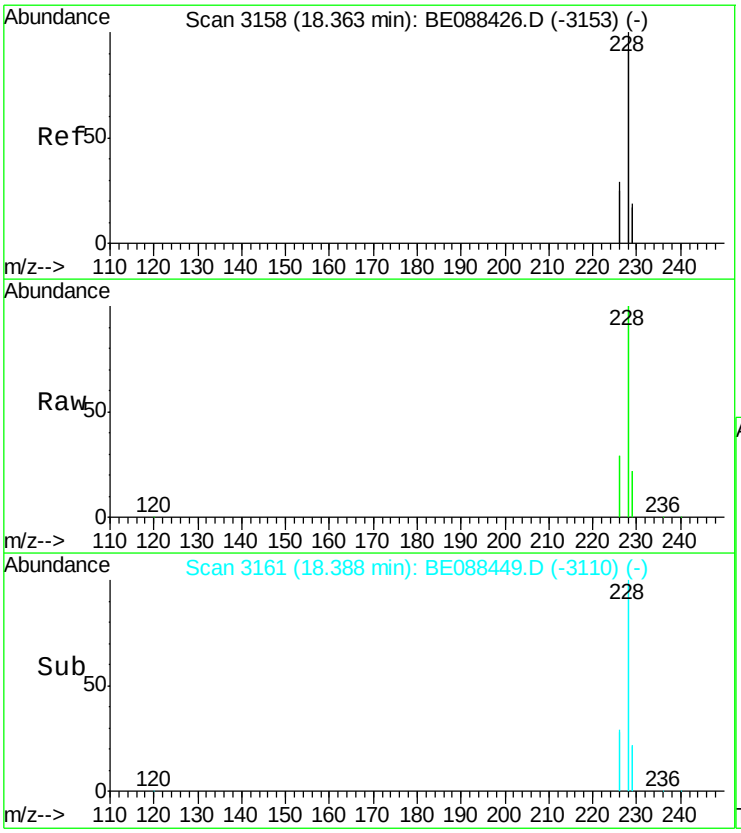
#19
Benzo(a)anthracene
Concen: 4.96 ng
RT: 18.31 min Scan# 3149
Delta R.T. 0.02 min
Lab File: BE088449.D
Acq: 1 Nov 2014 6:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 255697

Ion	Ratio	Lower	Upper
228	100		
226	26.4	19.8	29.6
229	20.3	16.0	24.0

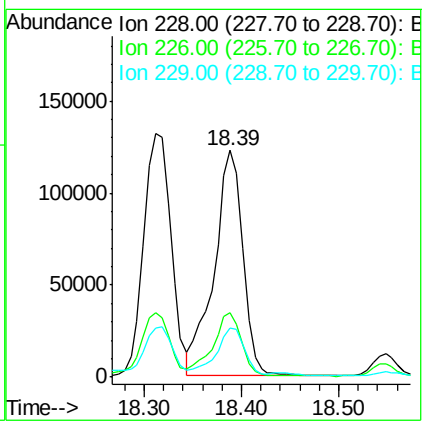


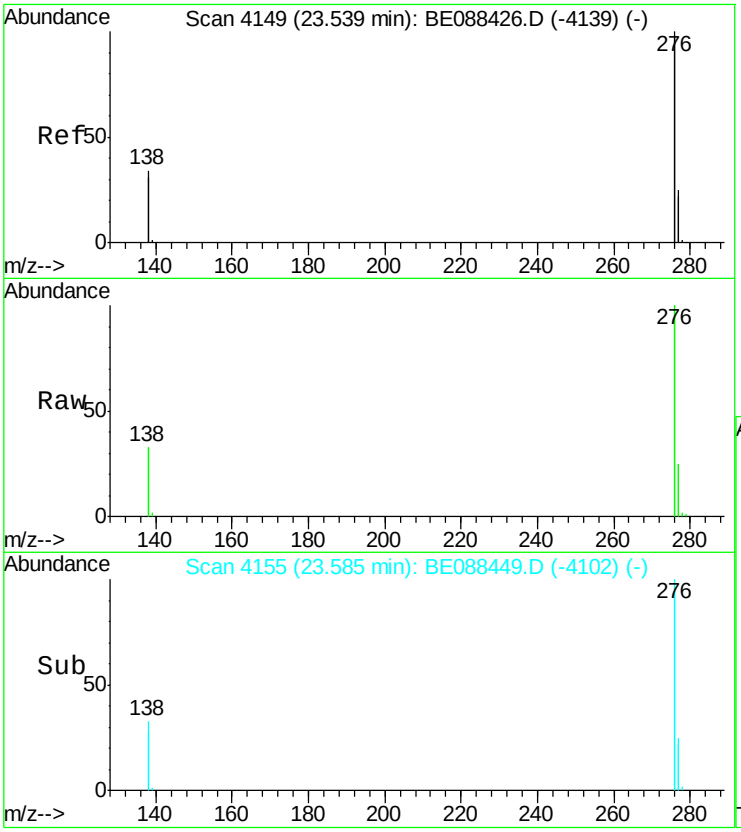


#20
Chrysene
Concen: 5.01 ng
RT: 18.39 min Scan# 3161
Delta R.T. 0.03 min
Lab File: BE088449.D
Acq: 1 Nov 2014 6:59

Tgt Ion:228 Resp: 253280

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.6	35.4
229	21.8	15.4	23.2



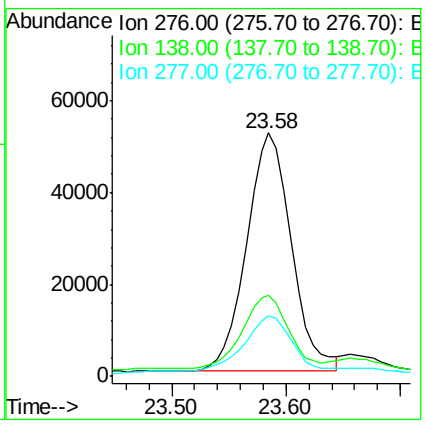


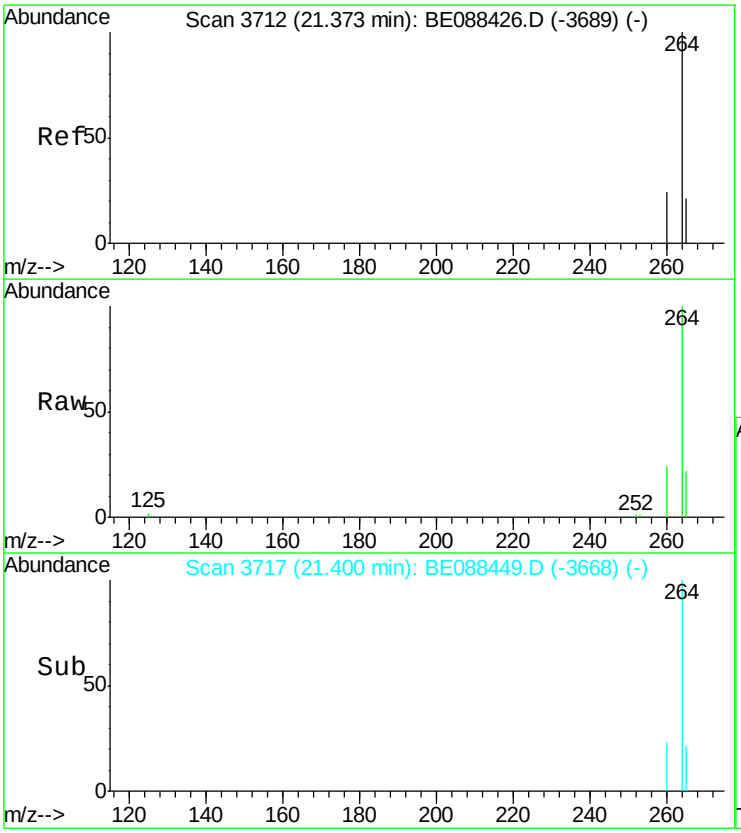
#21
Indeno(1,2,3-cd)pyrene
Concen: 3.01 ng
RT: 23.58 min Scan# 4155
Delta R.T. 0.05 min
Lab File: BE088449.D
Acq: 1 Nov 2014 6:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 141845

Ion	Ratio	Lower	Upper
276	100		
138	34.0	20.2	30.2#
277	24.1	14.8	22.2#

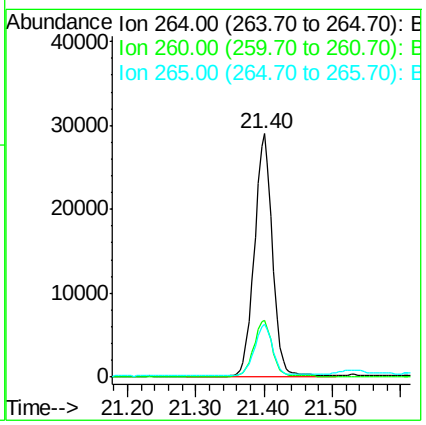


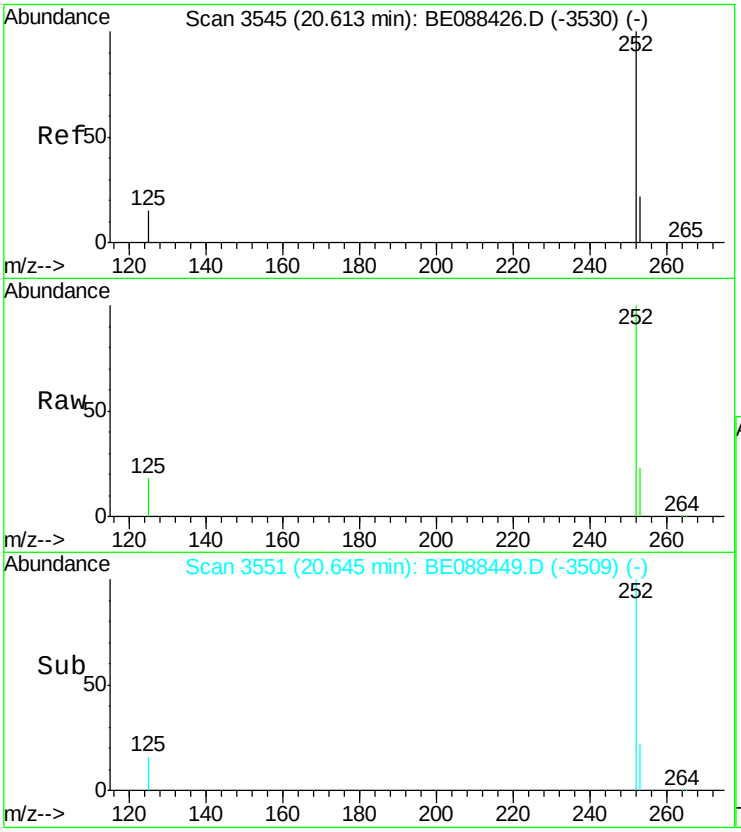


#22
Perylene-d12
Concen: 5.00 ng
RT: 21.40 min Scan# 3717
Delta R.T. 0.03 min
Lab File: BE088449.D
Acq: 1 Nov 2014 6:59

Tgt Ion:264 Resp: 53004

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.8	17.2	25.8



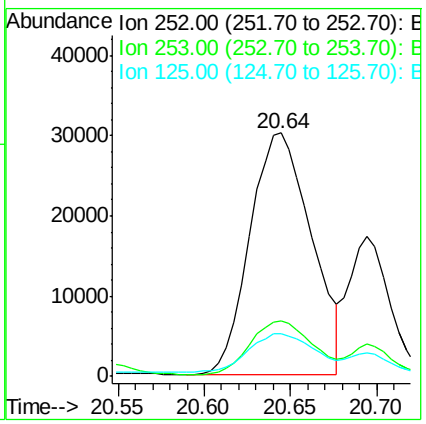


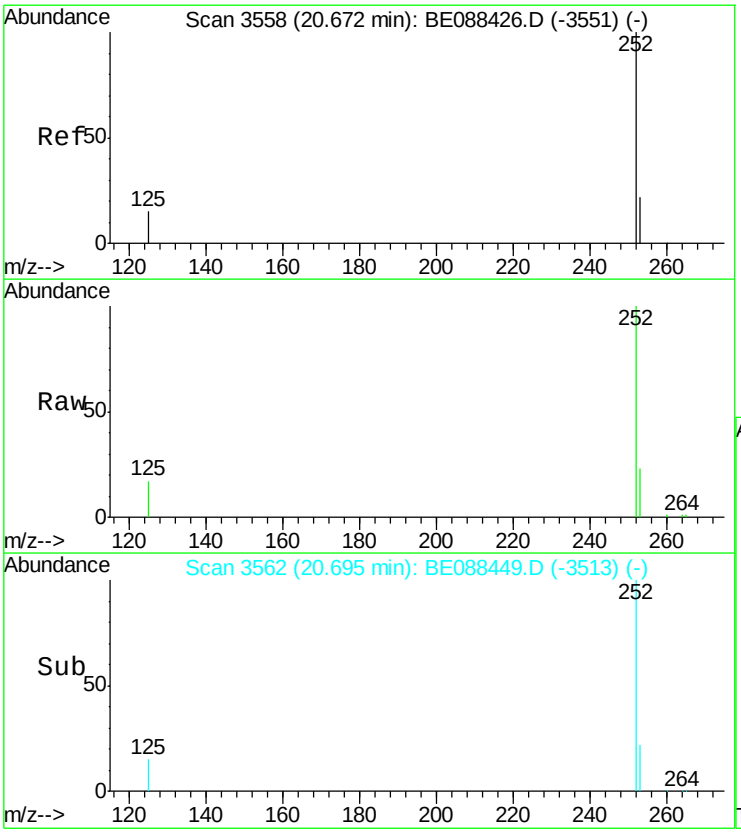
#23
Benzo(b)fluoranthene
Concen: 6.41 ng
RT: 20.64 min Scan# 3551
Delta R.T. 0.03 min
Lab File: BE088449.D
Acq: 1 Nov 2014 6:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 74517

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	17.6	12.3	18.5

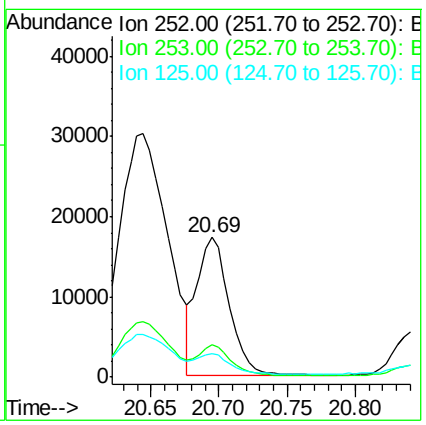


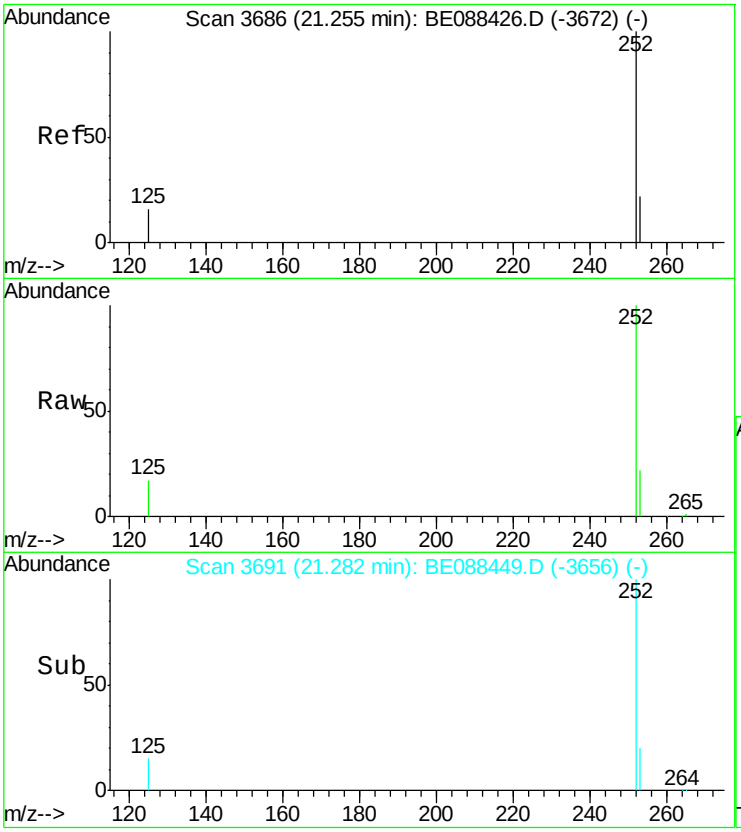


#24
Benzo(k)fluoranthene
Concen: 2.20 ng
RT: 20.69 min Scan# 3562
Delta R.T. 0.02 min
Lab File: BE088449.D
Acq: 1 Nov 2014 6:59

Tgt Ion:252 Resp: 28198

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	17.1	12.2	18.4



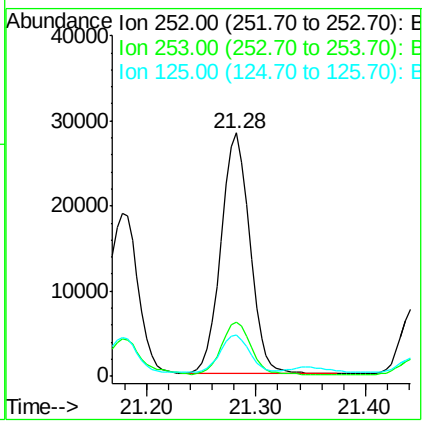


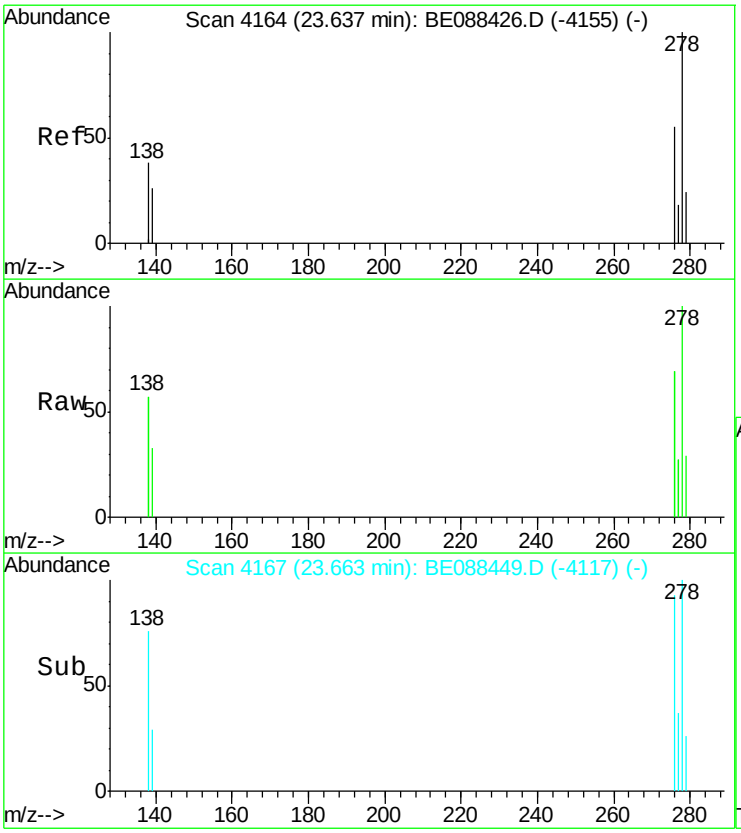
#25
Benzo(a)pyrene
Concen: 4.63 ng
RT: 21.28 min Scan# 3691
Delta R.T. 0.03 min
Lab File: BE088449.D
Acq: 1 Nov 2014 6:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 51686

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	17.2	13.7	20.5

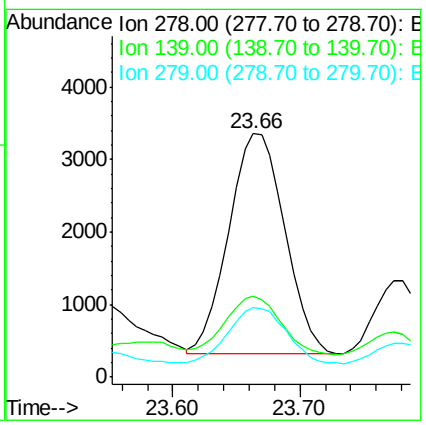


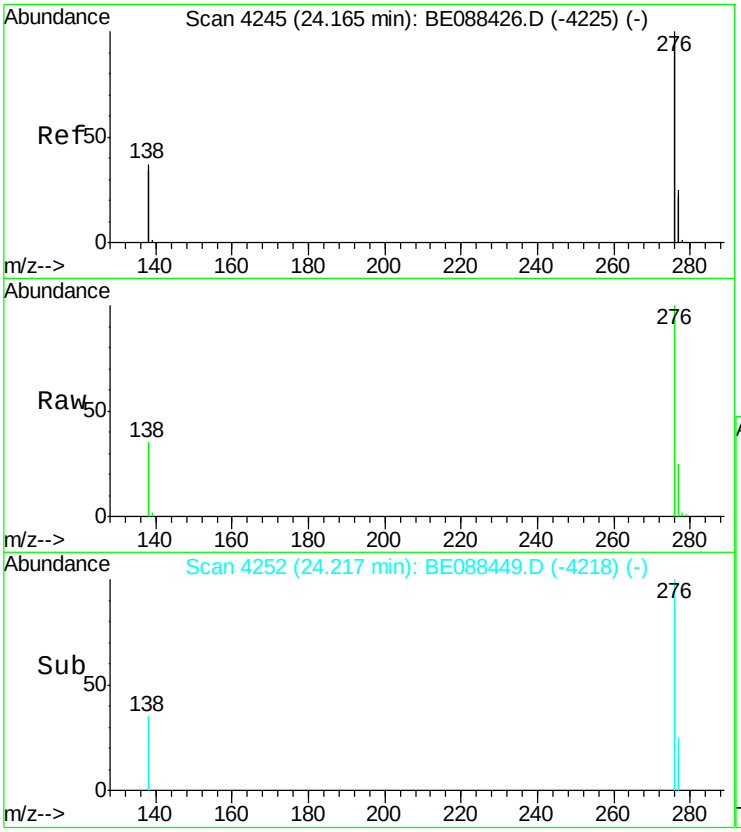


#26
Dibenzo(a,h)anthracene
Concen: 0.90 ng
RT: 23.66 min Scan# 4167
Delta R.T. 0.03 min
Lab File: BE088449.D
Acq: 1 Nov 2014 6:59

Tgt Ion:278 Resp: 9316

Ion	Ratio	Lower	Upper
278	100		
139	33.1	22.1	33.1
279	28.8	19.7	29.5





#27
Benzo(g,h,i)perylene
Concen: 2.92 ng
RT: 24.22 min Scan# 4252
Delta R.T. 0.05 min
Lab File: BE088449.D
Acq: 1 Nov 2014 6:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 138812

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.8	29.6
138	35.3	29.3	43.9