Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102414\
Data File : BE088236.D
Acq On : 25 Oct 2014 7:14
Operator : TP/JJ
Sample : F4368-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : YS19-SB34-1014

Quant Time: Oct 27 13:48:02 2014
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BE102414.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 27 13:04:40 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.11	152	25413	5.00	ng		0.00
3) Naphthalene-d8	8.68	136	100958	5.00	ng		0.00
7) Acenaphthene-d10	10.83	164	54734	5.00	ng		0.00
12) Phenanthrene-d10	12.94	188	108832	5.00	ng		0.00
16) Chrysene-d12	18.34	240	53315	5.00	ng		0.00
22) Perylene-d12	21.40	264	41917	5.00	ng		0.00
System Monitoring Compounds							
4) Nitrobenzene-d5	7.81	82	523435	68.56	ng		0.02
8) 2-Fluorobiphenyl	10.02	172	576816	37.79	ng		0.01
18) Terphenyl-d14	16.13	244	483251	55.35	ng		0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.97	88	3106	0.88	ng	#	1
9) Acenaphthylene	10.64	152	1929	0.02	ng	#	85
10) Acenaphthene	10.86	154	469	0.04	ng	#	77
11) Fluorene	11.52	166	575	0.04	ng		96
13) Phenanthrene	12.97	178	61712	0.59	ng	#	91
14) Anthracene	13.06	178	8740	0.11	ng	#	79
15) Fluoranthene	15.21	202	21574	1.35	ng		99
17) Pyrene	15.67	202	18999	1.30	ng		97
19) Benzo(a)anthracene	18.32	228	30354	0.72	ng		97
20) Chrysene	18.40	228	34778	0.73	ng		98
21) Indeno(1,2,3-cd)pyrene	23.57	276	16777	0.56	ng	#	68
23) Benzo(b)fluoranthene	20.64	252	8383	1.08	ng		96
24) Benzo(k)fluoranthene	20.64	252	8383	0.77	ng		95
25) Benzo(a)pyrene	21.28	252	5223	0.74	ng		96
26) Dibenzo(a,h)anthracene	23.67	278	740	0.29	ng	#	74
27) Benzo(g,h,i)perylene	24.20	276	16018	0.48	ng		94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102414\
Data File : BE088236.D
Acq On : 25 Oct 2014 7:14
Operator : TP/JJ
Sample : F4368-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
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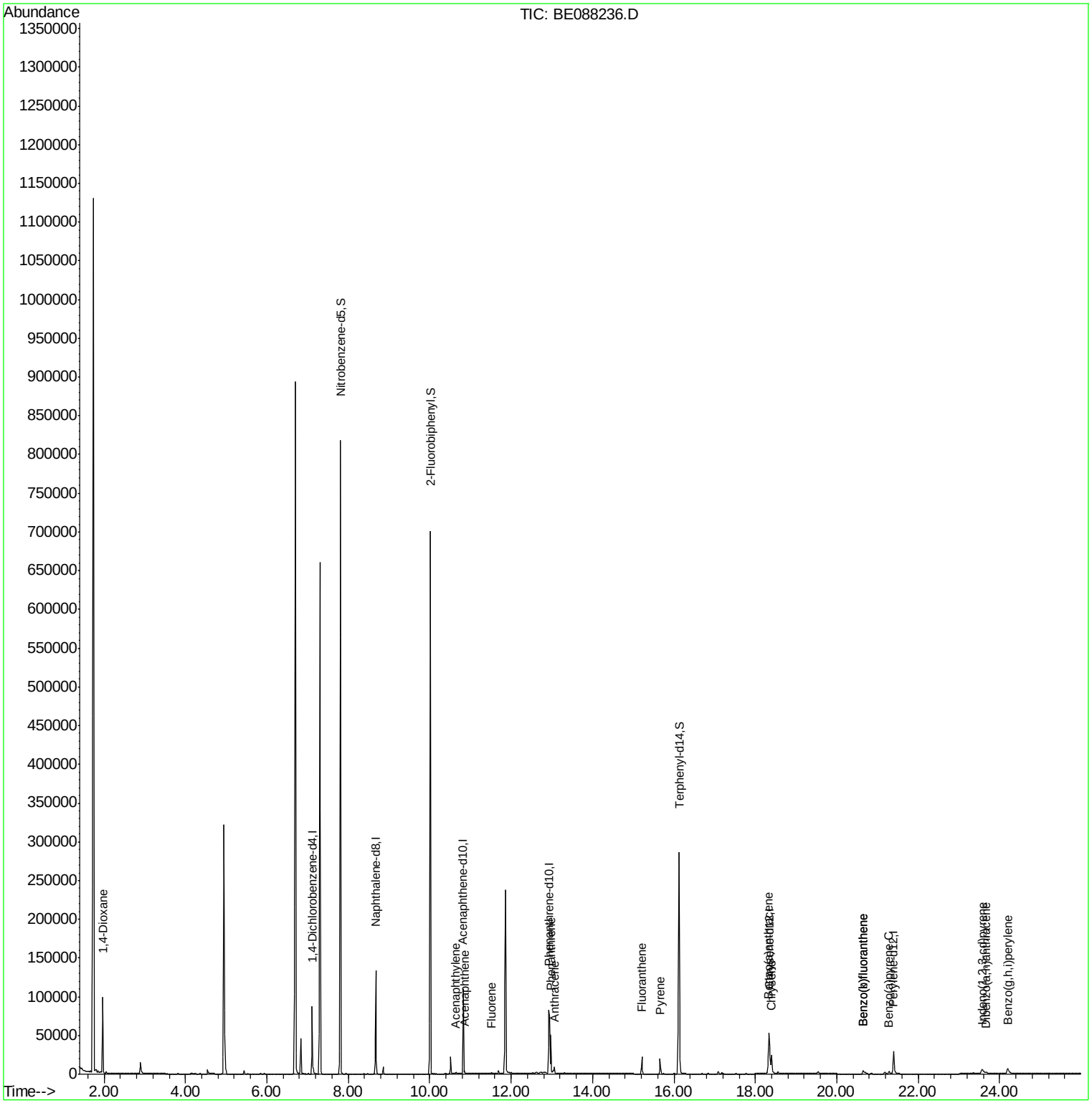
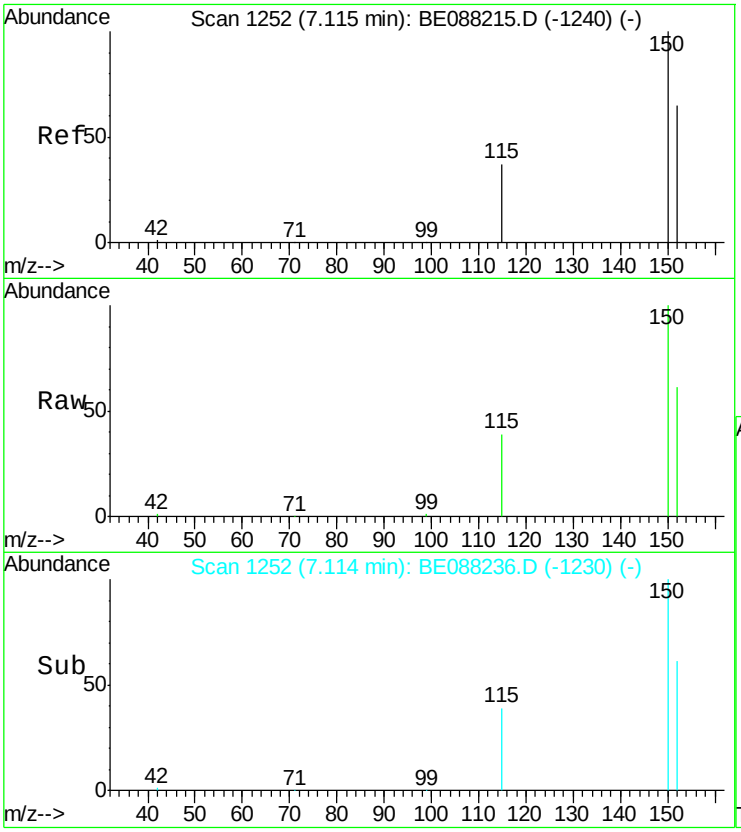
YS19-SB34-1014

Quant Time: Oct 27 13:48:02 2014
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BE102414.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 27 13:04:40 2014
Response via : Initial Calibration



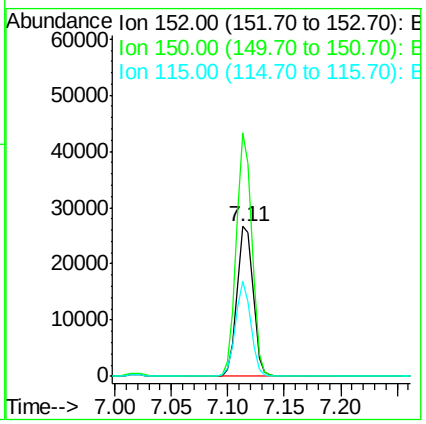


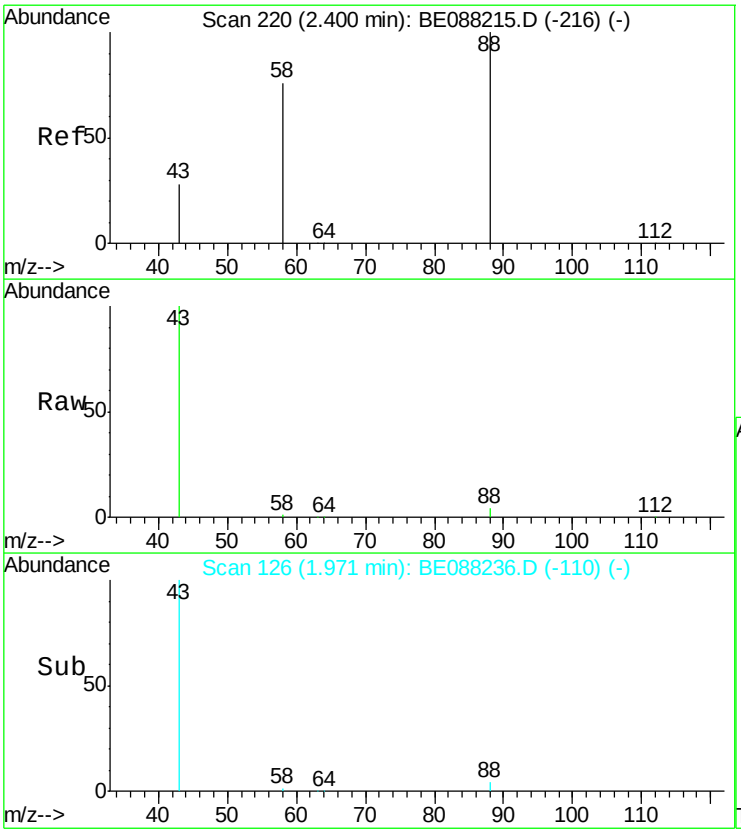
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.11 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BE088236.D
Acq: 25 Oct 2014 7:14

Instrument :
BNA_E
ClientSampleId :
YS19-SB34-1014

Tgt Ion:152 Resp: 25413

Ion	Ratio	Lower	Upper
152	100		
150	162.7	123.2	184.8
115	63.2	45.3	67.9

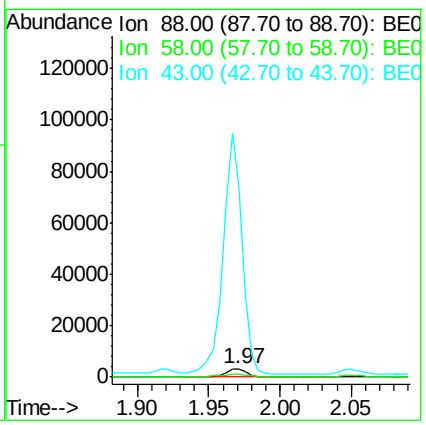


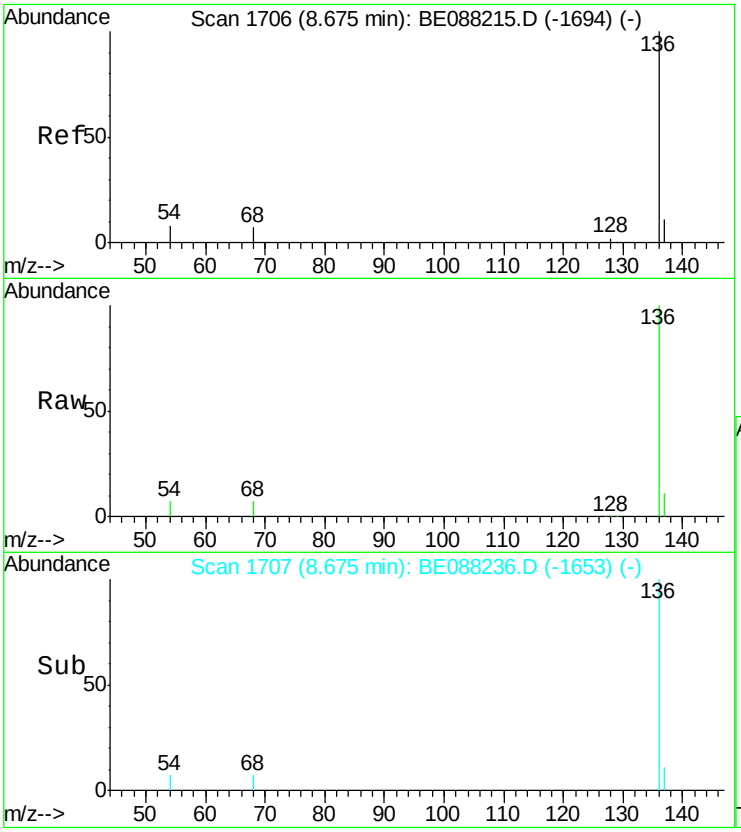


#2
1,4-Dioxane
Concen: 0.88 ng
RT: 1.97 min Scan# 126
Delta R.T. -0.43 min
Lab File: BE088236.D
Acq: 25 Oct 2014 7:14

Tgt Ion: 88 Resp: 3106

Ion	Ratio	Lower	Upper
88	100		
58	25.5	59.0	88.4#
43	2813.1	21.9	32.9#



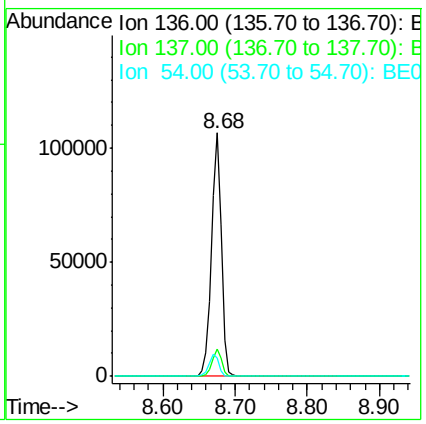


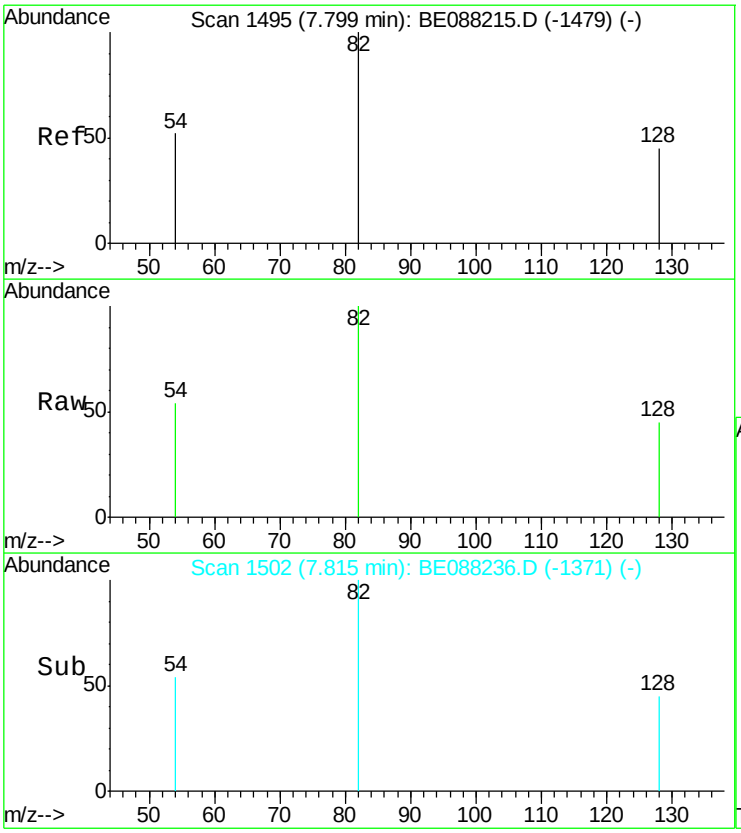
#3
Naphthalene-d8
Concen: 5.00 ng
RT: 8.68 min Scan# 1707
Delta R.T. 0.00 min
Lab File: BE088236.D
Acq: 25 Oct 2014 7:14

Instrument :
BNA_E
ClientSampleId :
YS19-SB34-1014

Tgt Ion:136 Resp: 100958

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.5	6.1	9.1

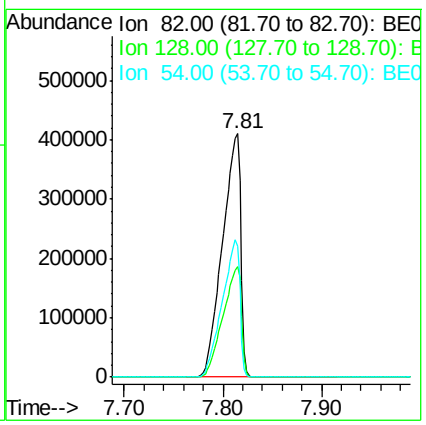


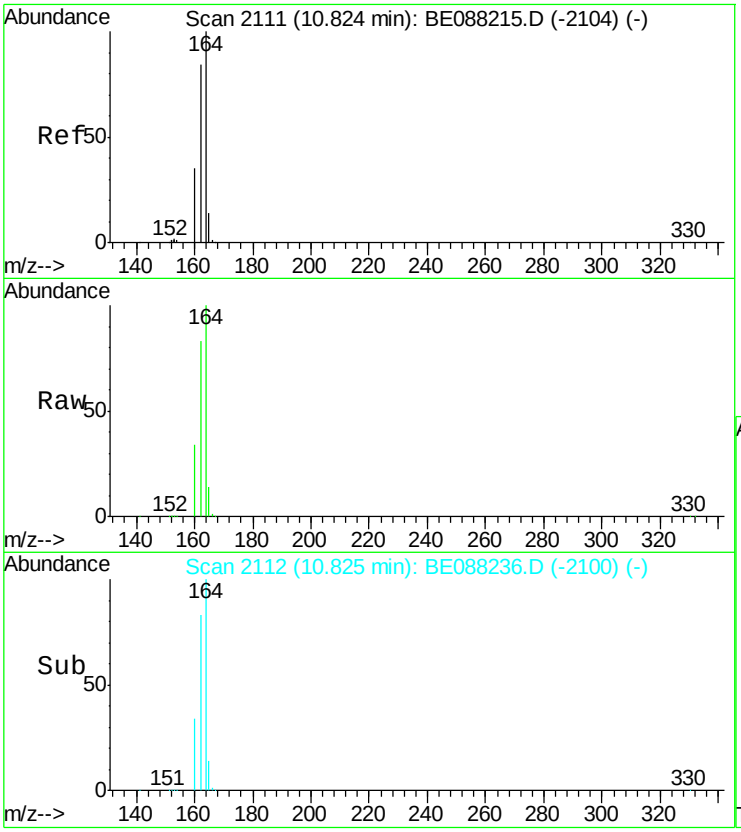


#4
Nitrobenzene-d5
Concen: 68.56 ng
RT: 7.81 min Scan# 1502
Delta R.T. 0.02 min
Lab File: BE088236.D
Acq: 25 Oct 2014 7:14

Tgt Ion: 82 Resp: 523435

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.2	54.2
54	54.0	41.8	62.8



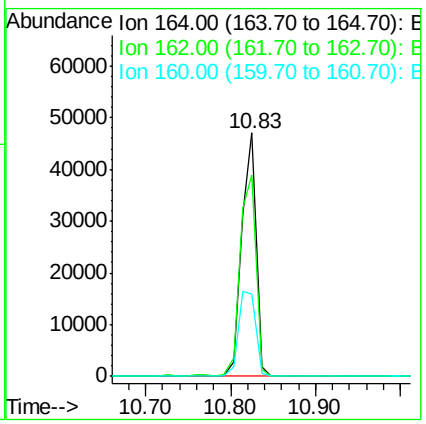


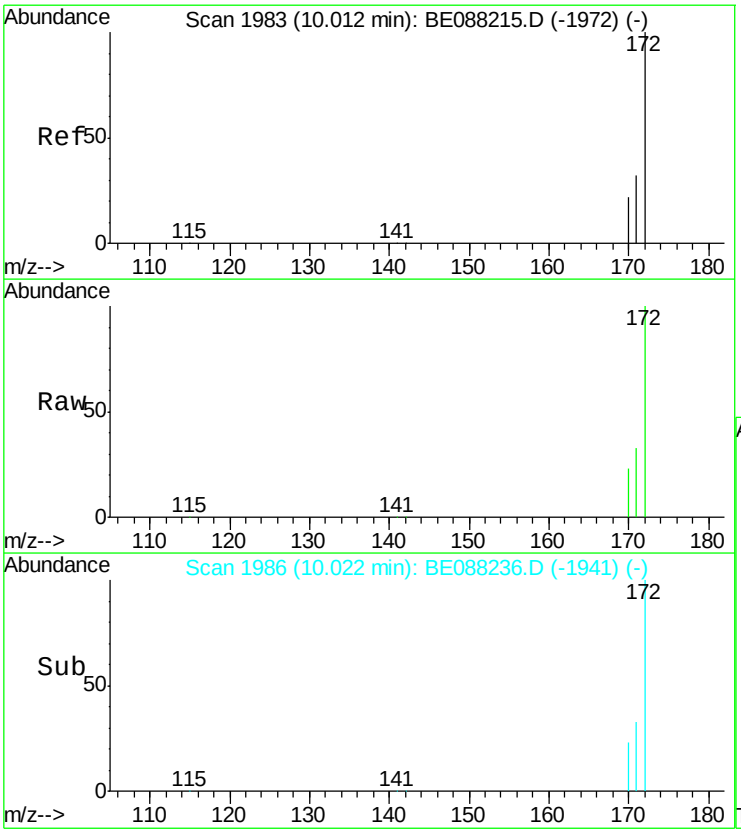
#7
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.83 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BE088236.D
Acq: 25 Oct 2014 7:14

Instrument :
BNA_E
ClientSampleId :
YS19-SB34-1014

Tgt Ion:164 Resp: 54734

Ion	Ratio	Lower	Upper
164	100		
162	83.0	67.4	101.0
160	33.8	27.7	41.5

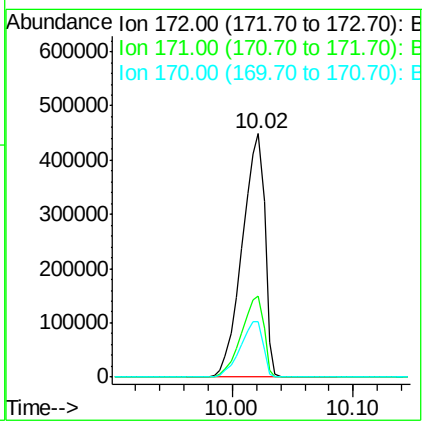


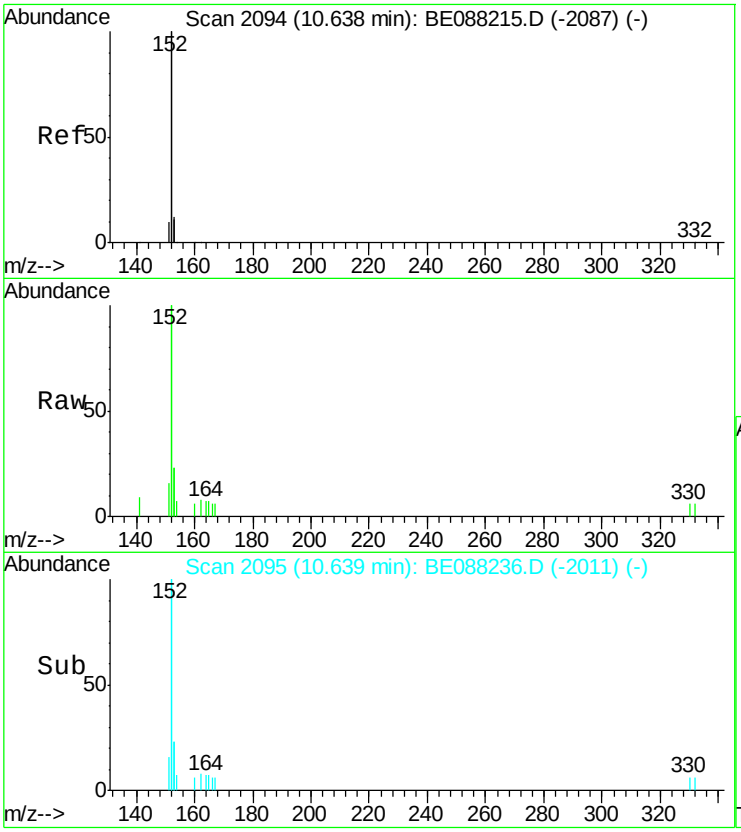


#8
2-Fluorobiphenyl
Concen: 37.79 ng
RT: 10.02 min Scan# 1986
Delta R.T. 0.01 min
Lab File: BE088236.D
Acq: 25 Oct 2014 7:14

Tgt Ion:172 Resp: 576816

Ion	Ratio	Lower	Upper
172	100		
171	33.1	25.8	38.6
170	22.6	17.4	26.0



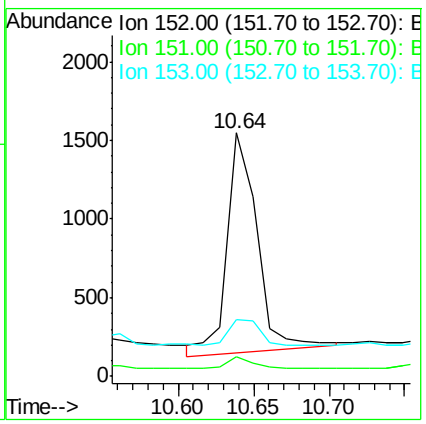


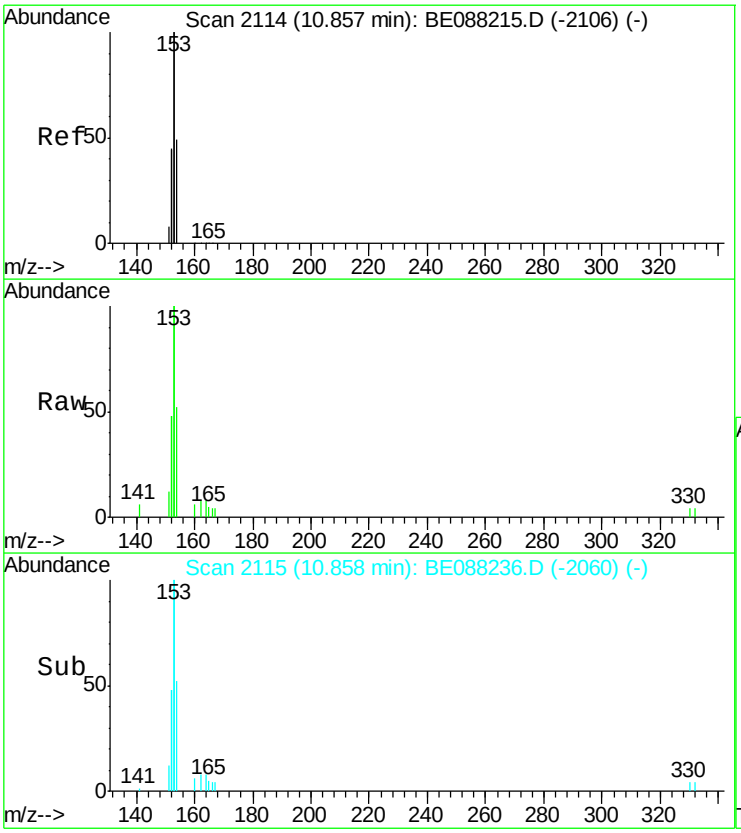
#9
Acenaphthylene
Concen: 0.02 ng
RT: 10.64 min Scan# 2095
Delta R.T. 0.00 min
Lab File: BE088236.D
Acq: 25 Oct 2014 7:14

Instrument :
BNA_E
ClientSampleId :
YS19-SB34-1014

Tgt Ion:152 Resp: 1929

Ion	Ratio	Lower	Upper
152	100		
151	11.6	3.7	5.5#
153	17.9	10.3	15.5#

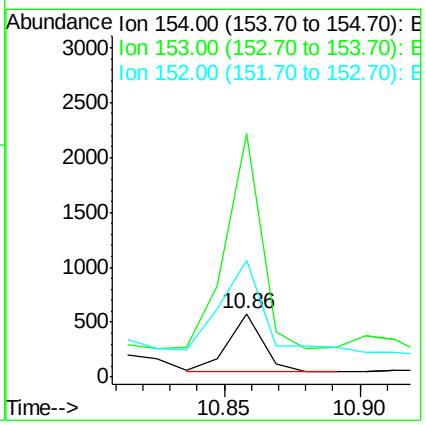


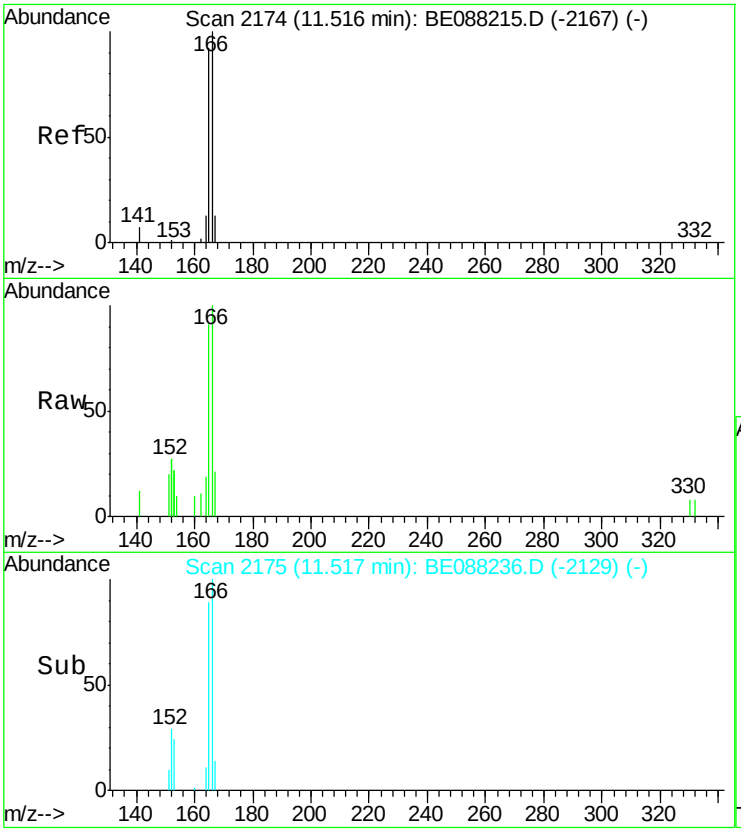


#10
Acenaphthene
Concen: 0.04 ng
RT: 10.86 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BE088236.D
Acq: 25 Oct 2014 7:14

Tgt Ion:154 Resp: 469

Ion	Ratio	Lower	Upper
154	100		
153	443.1	326.0	489.0
152	252.2	155.6	233.4#



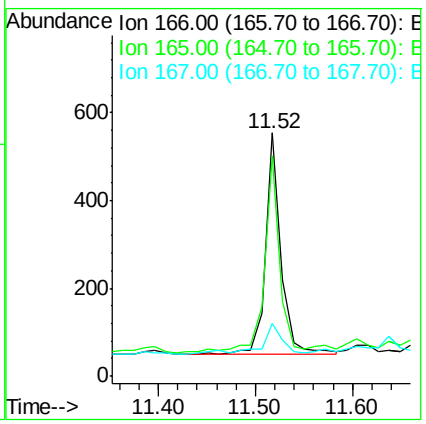


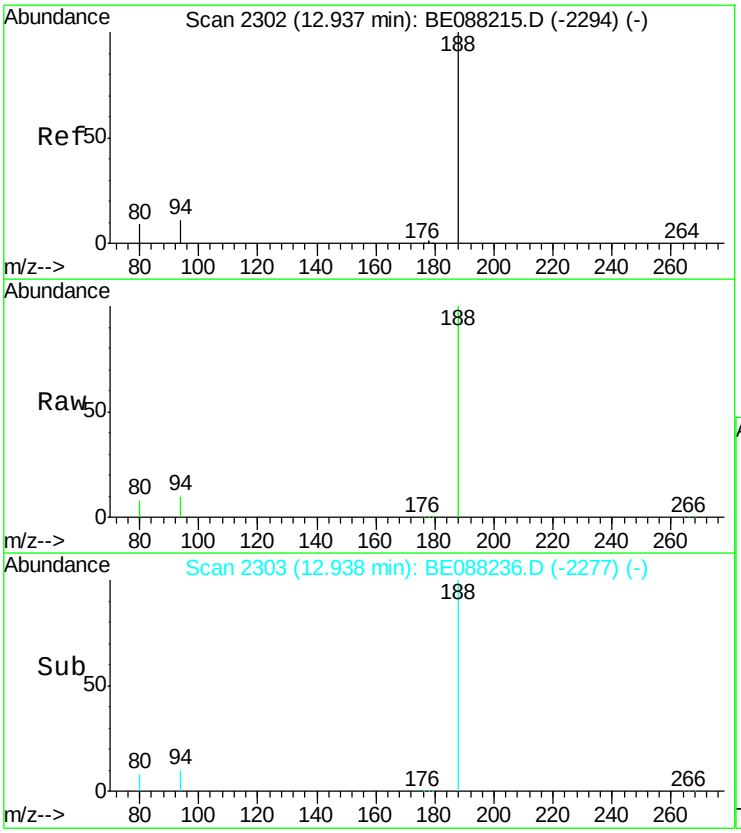
#11
Fluorene
Concen: 0.04 ng
RT: 11.52 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BE088236.D
Acq: 25 Oct 2014 7:14

Instrument :
BNA_E
ClientSampleId :
YS19-SB34-1014

Tgt Ion:166 Resp: 575

Ion	Ratio	Lower	Upper
166	100		
165	86.1	71.8	107.6
167	15.0	10.7	16.1

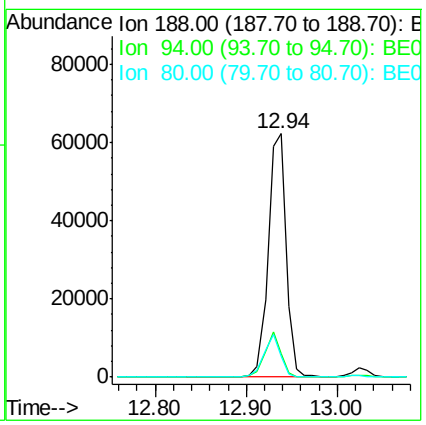


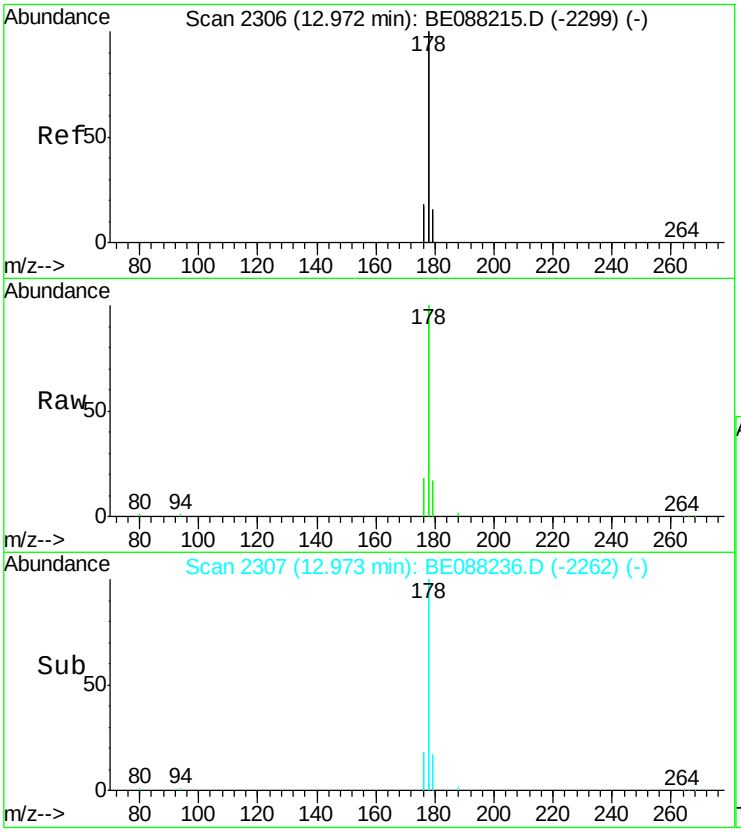


#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.94 min Scan# 2303
Delta R.T. 0.00 min
Lab File: BE088236.D
Acq: 25 Oct 2014 7:14

Tgt Ion:188 Resp: 108832

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	8.4	7.4	11.0



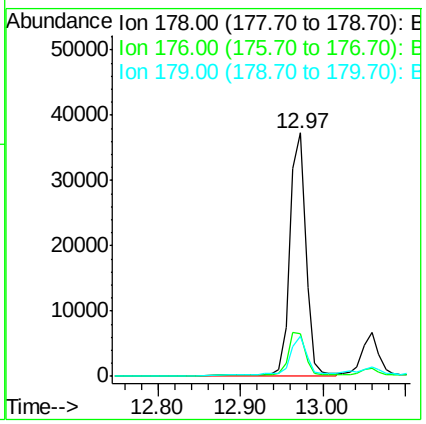


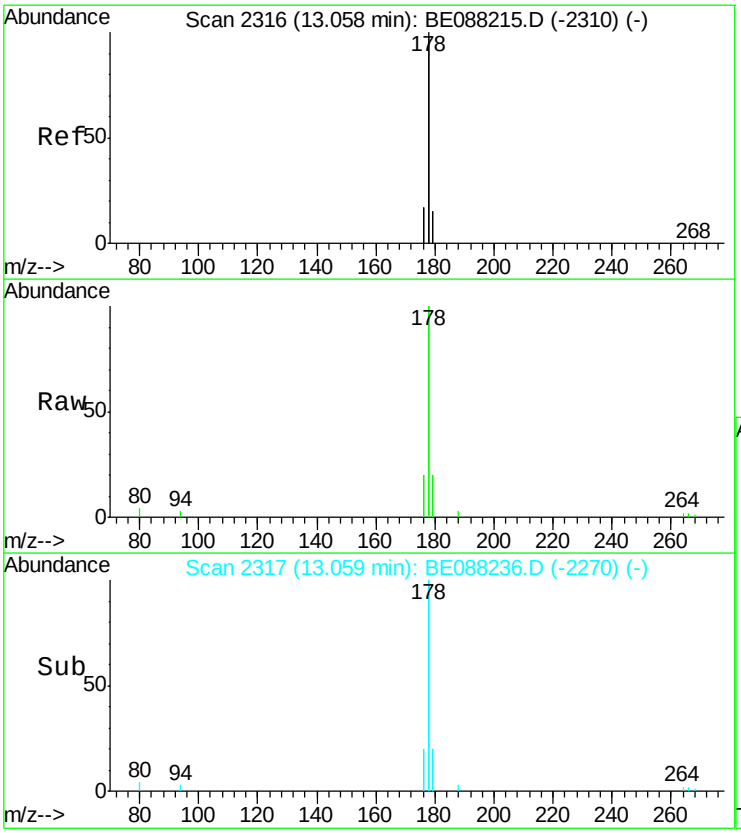
#13
Phenanthrene
Concen: 0.59 ng
RT: 12.97 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BE088236.D
Acq: 25 Oct 2014 7:14

Instrument :
BNA_E
ClientSampleId :
YS19-SB34-1014

Tgt Ion:178 Resp: 61712

Ion	Ratio	Lower	Upper
178	100		
176	15.6	14.0	21.0
179	20.4	11.8	17.6#

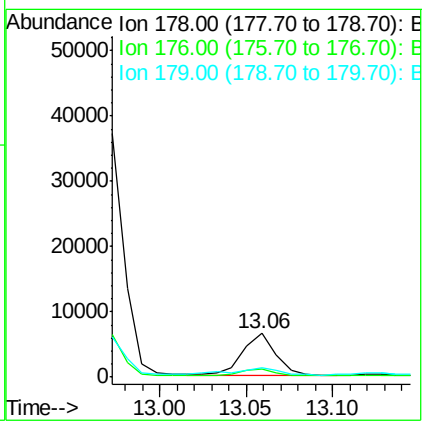


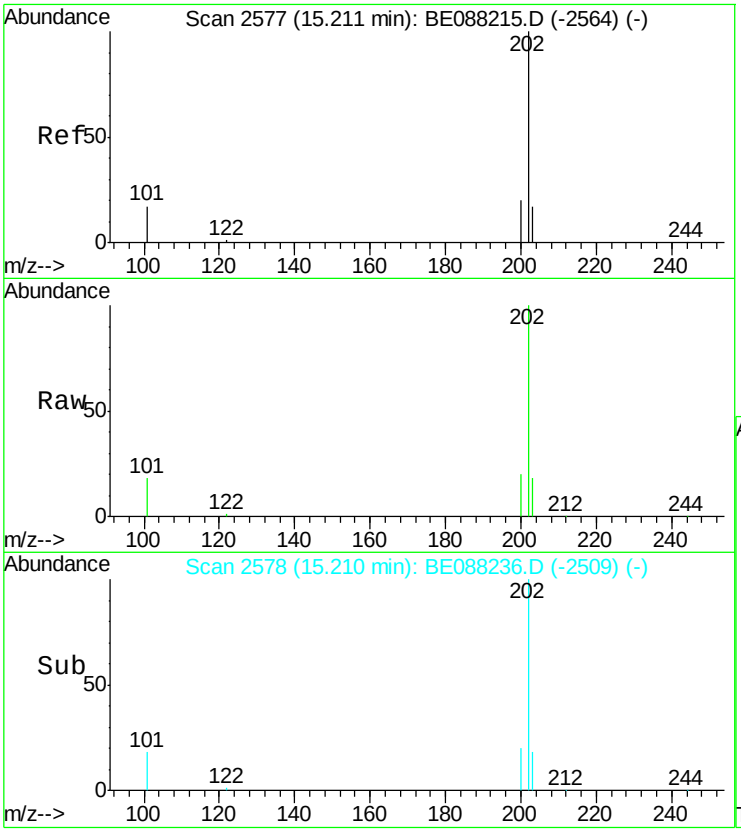


#14
Anthracene
Concen: 0.11 ng
RT: 13.06 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BE088236.D
Acq: 25 Oct 2014 7:14

Tgt Ion:178 Resp: 8740

Ion	Ratio	Lower	Upper
178	100		
176	21.6	14.7	22.1
179	31.3	12.3	18.5#



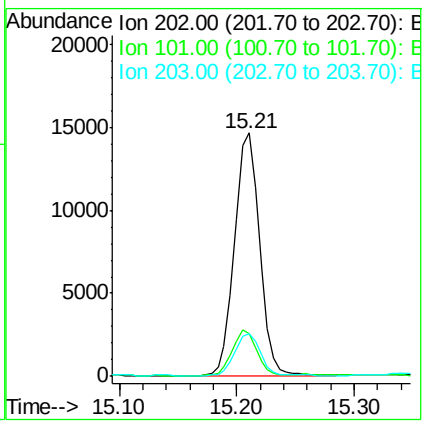


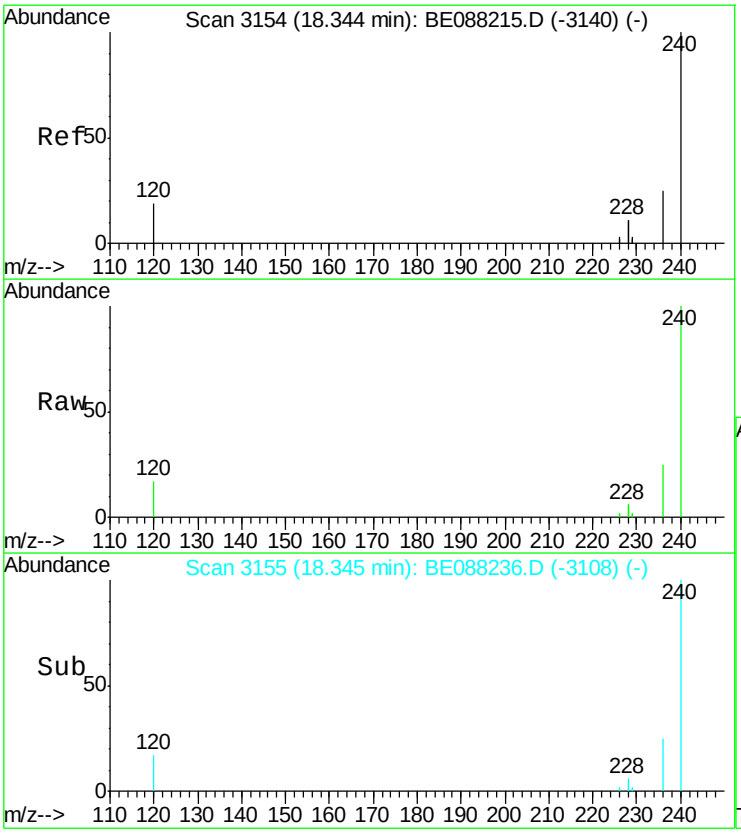
#15
Fluoranthene
Concen: 1.35 ng
RT: 15.21 min Scan# 2578
Delta R.T. -0.00 min
Lab File: BE088236.D
Acq: 25 Oct 2014 7:14

Instrument :
BNA_E
ClientSampleId :
YS19-SB34-1014

Tgt Ion:202 Resp: 21574

Ion	Ratio	Lower	Upper
202	100		
101	18.3	14.4	21.6
203	17.3	13.4	20.2

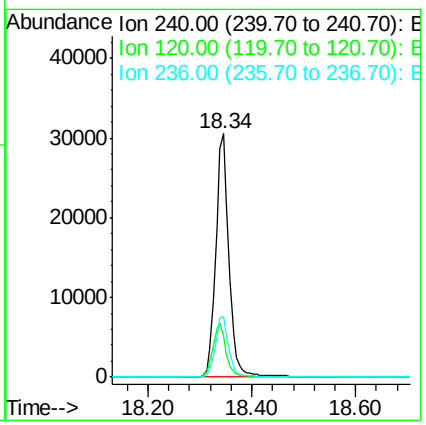


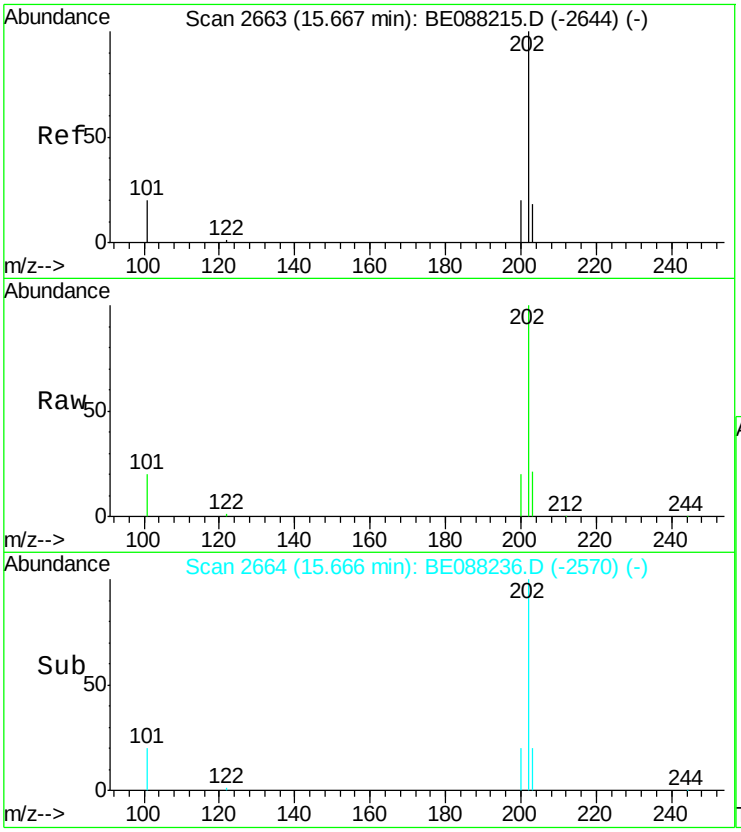


#16
Chrysene-d12
Concen: 5.00 ng
RT: 18.34 min Scan# 3155
Delta R.T. 0.00 min
Lab File: BE088236.D
Acq: 25 Oct 2014 7:14

Tgt Ion:240 Resp: 53315

Ion	Ratio	Lower	Upper
240	100		
120	17.2	15.1	22.7
236	25.0	20.1	30.1



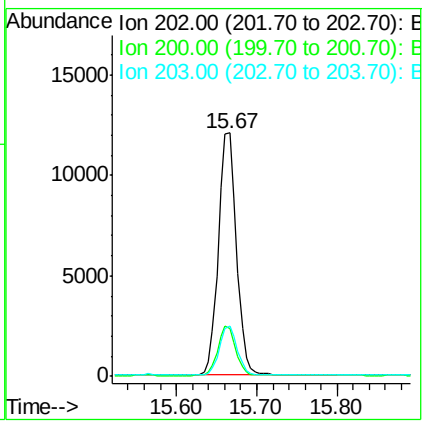


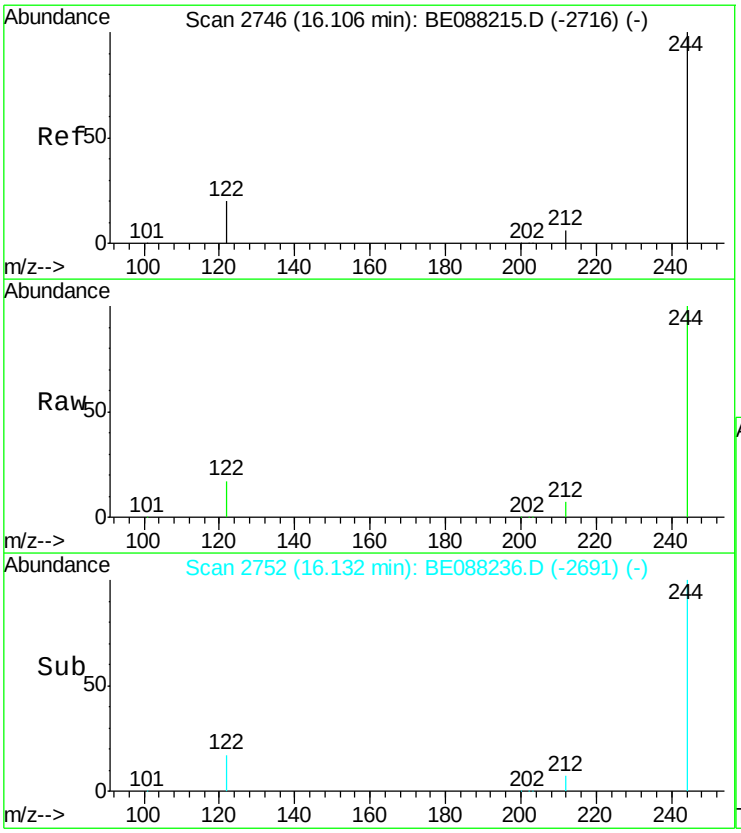
#17
Pyrene
Concen: 1.30 ng
RT: 15.67 min Scan# 2664
Delta R.T. -0.00 min
Lab File: BE088236.D
Acq: 25 Oct 2014 7:14

Instrument :
BNA_E
ClientSampleId :
YS19-SB34-1014

Tgt Ion:202 Resp: 18999

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.2	24.2
203	19.9	13.8	20.8

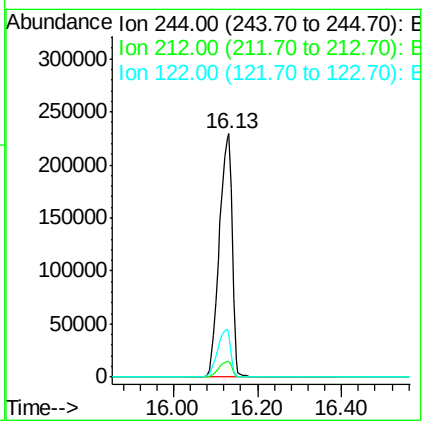


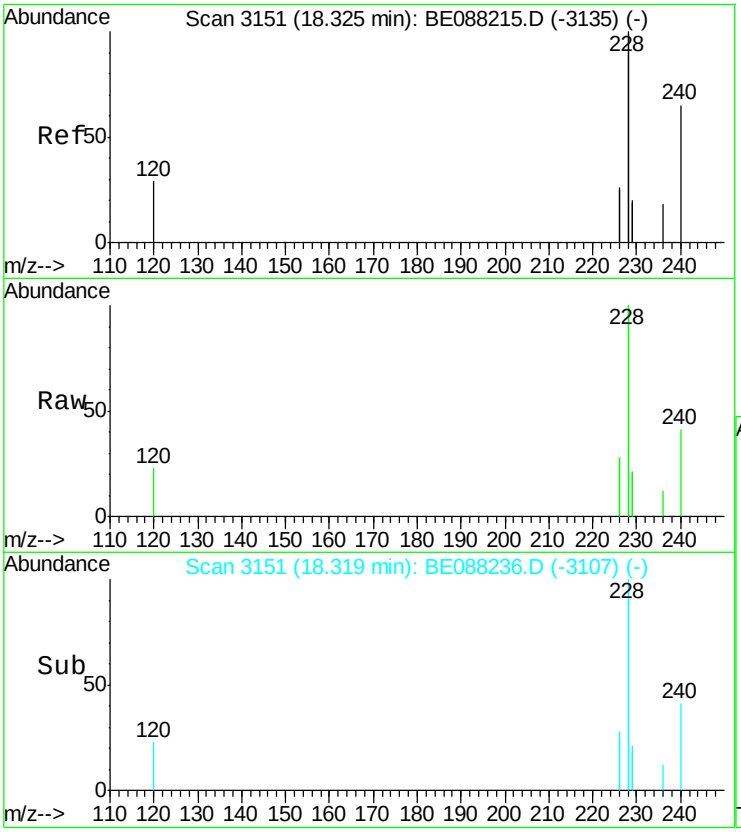


#18
Terphenyl-d14
Concen: 55.35 ng
RT: 16.13 min Scan# 2752
Delta R.T. 0.03 min
Lab File: BE088236.D
Acq: 25 Oct 2014 7:14

Tgt Ion:244 Resp: 483251

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	17.5	16.7	25.1



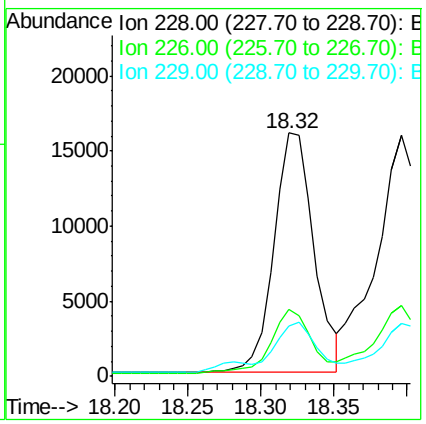


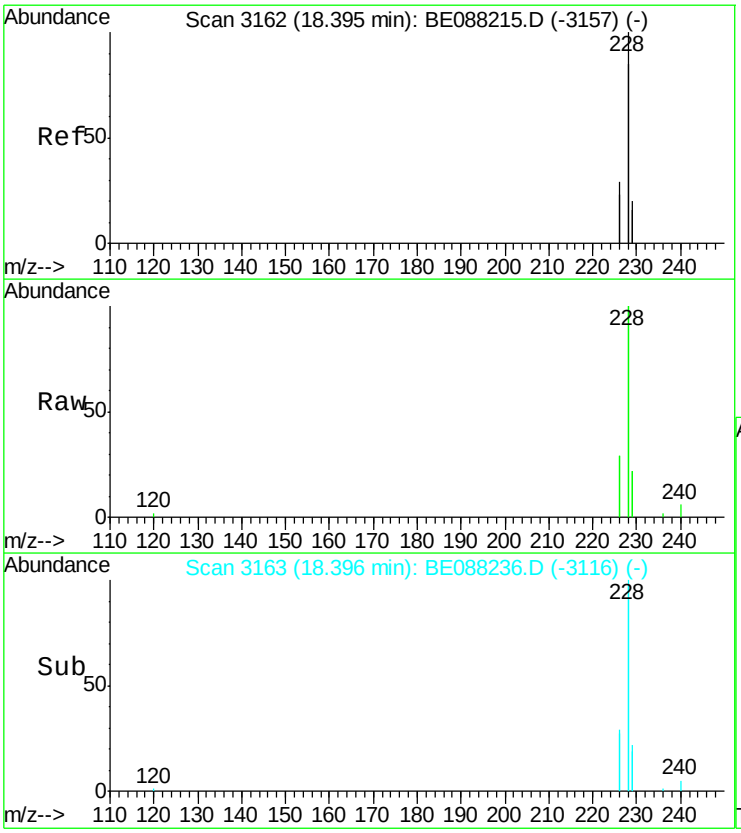
#19
Benzo(a)anthracene
Concen: 0.72 ng
RT: 18.32 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BE088236.D
Acq: 25 Oct 2014 7:14

Instrument :
BNA_E
ClientSampleId :
YS19-SB34-1014

Tgt Ion:228 Resp: 30354

Ion	Ratio	Lower	Upper
228	100		
226	27.5	20.5	30.7
229	20.9	16.1	24.1

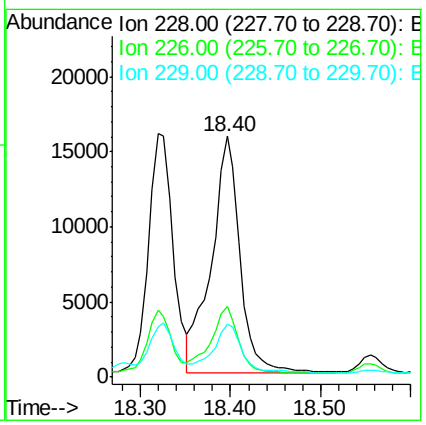


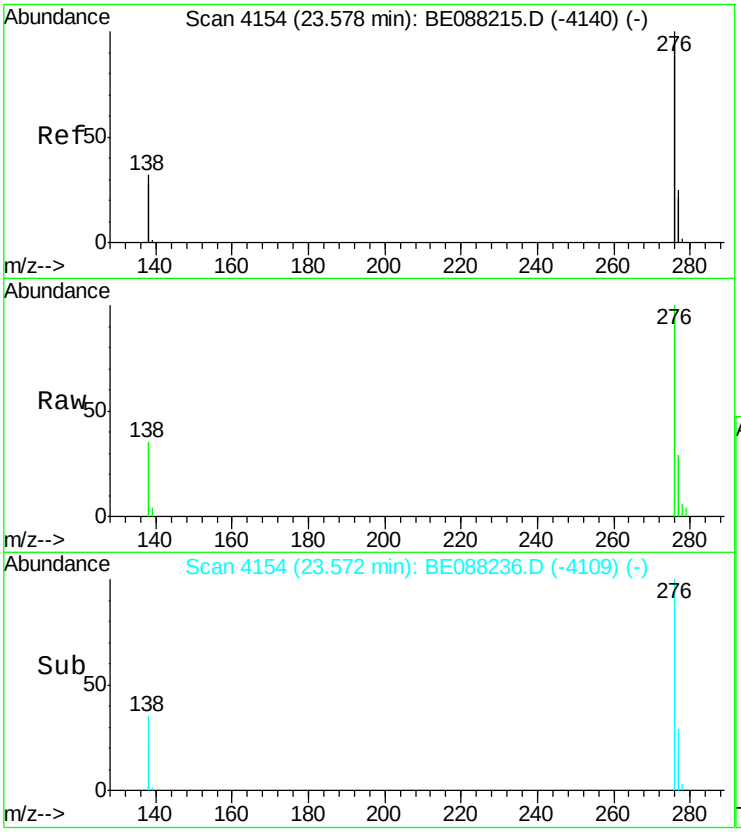


#20
Chrysene
Concen: 0.73 ng
RT: 18.40 min Scan# 3163
Delta R.T. 0.00 min
Lab File: BE088236.D
Acq: 25 Oct 2014 7:14

Tgt Ion:228 Resp: 34778

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.3	34.9
229	22.0	15.6	23.4



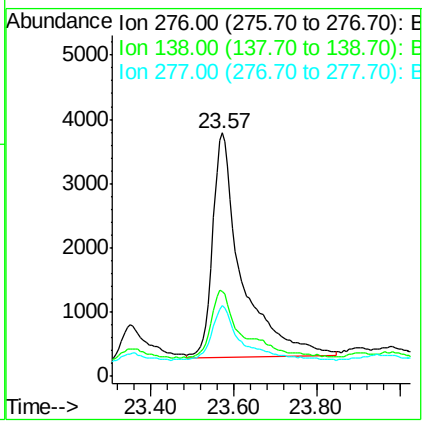


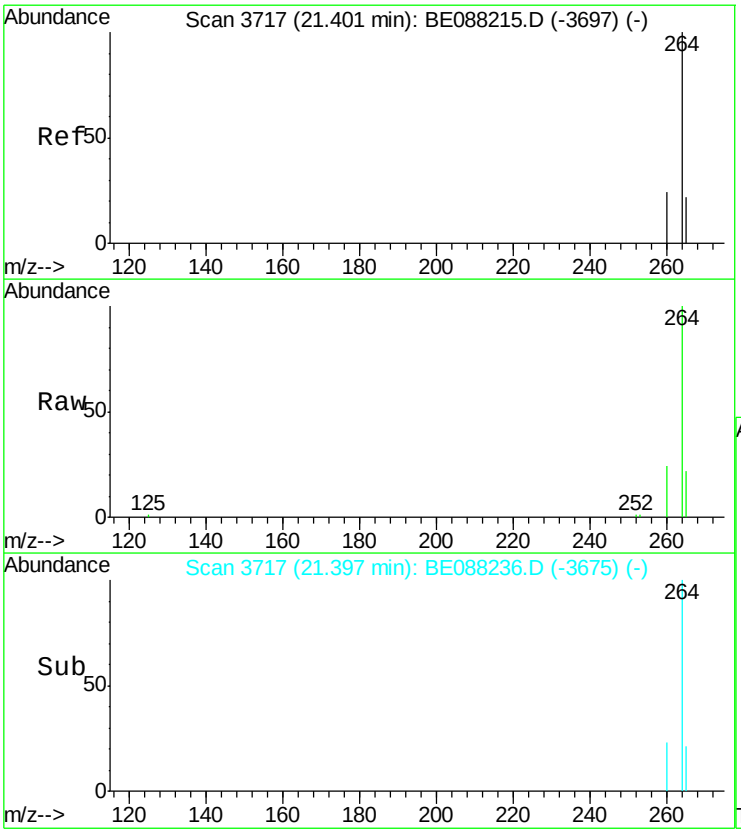
#21
Indeno(1,2,3-cd)pyrene
Concen: 0.56 ng
RT: 23.57 min Scan# 4154
Delta R.T. -0.01 min
Lab File: BE088236.D
Acq: 25 Oct 2014 7:14

Instrument :
BNA_E
ClientSampleId :
YS19-SB34-1014

Tgt Ion:276 Resp: 16777

Ion	Ratio	Lower	Upper
276	100		
138	31.4	13.9	20.9#
277	25.8	10.7	16.1#

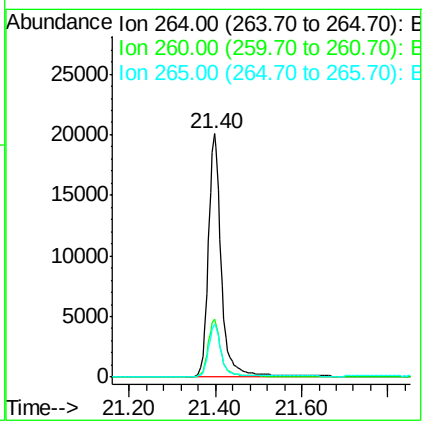


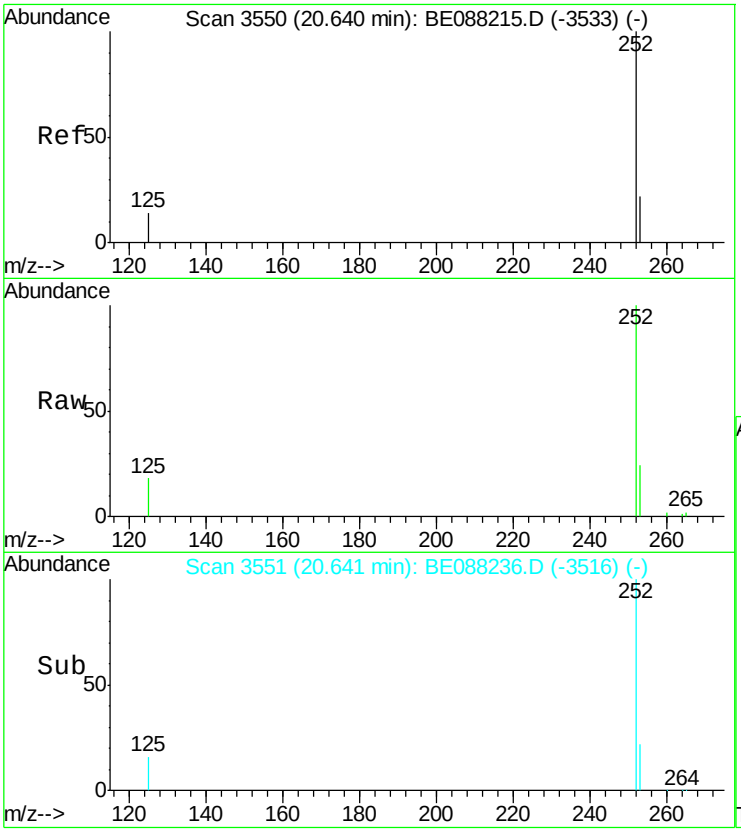


#22
Perylene-d12
Concen: 5.00 ng
RT: 21.40 min Scan# 3717
Delta R.T. -0.00 min
Lab File: BE088236.D
Acq: 25 Oct 2014 7:14

Tgt Ion:264 Resp: 41917

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	21.5	17.4	26.2



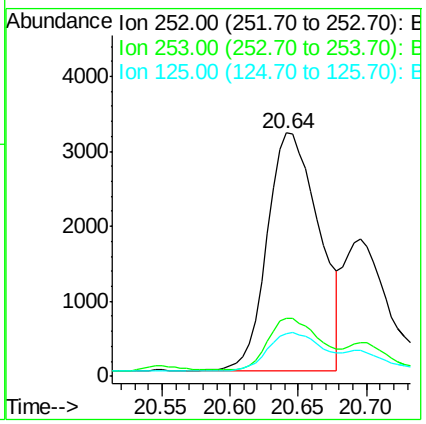


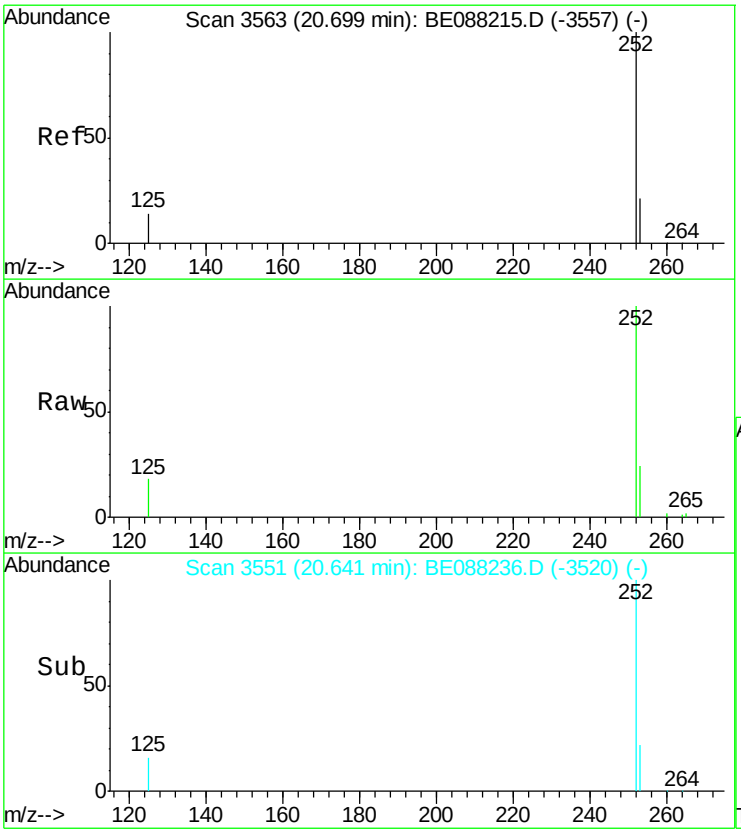
#23
Benzo(b)fluoranthene
Concen: 1.08 ng
RT: 20.64 min Scan# 3551
Delta R.T. 0.00 min
Lab File: BE088236.D
Acq: 25 Oct 2014 7:14

Instrument :
BNA_E
ClientSampleId :
YS19-SB34-1014

Tgt Ion:252 Resp: 8383

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	17.5	12.2	18.2

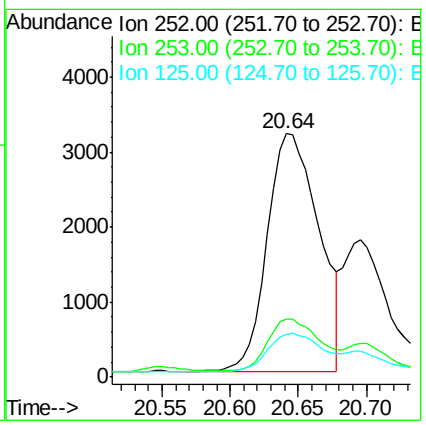


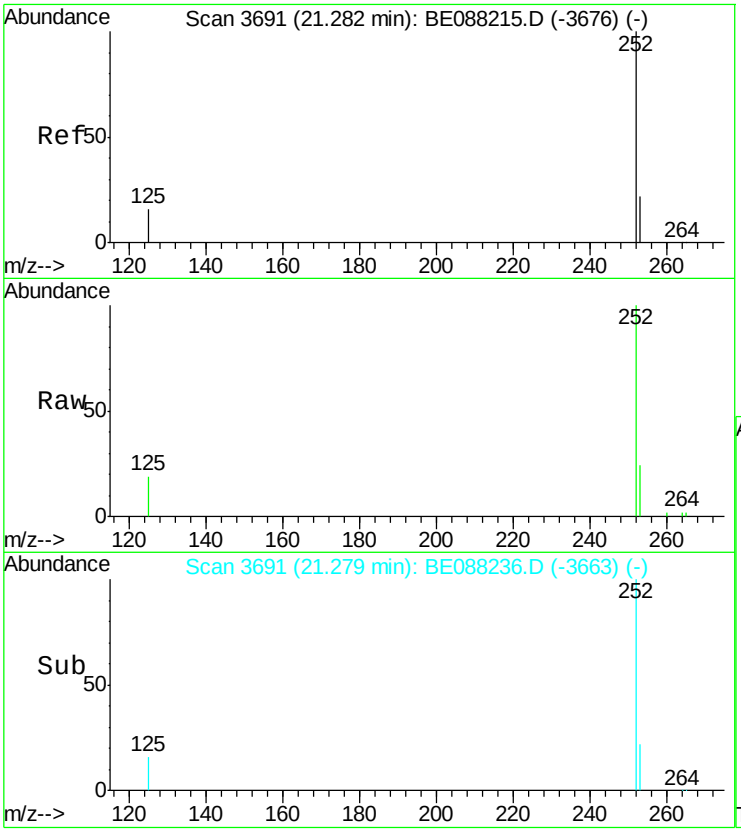


#24
Benzo(k)fluoranthene
Concen: 0.77 ng
RT: 20.64 min Scan# 3551
Delta R.T. -0.06 min
Lab File: BE088236.D
Acq: 25 Oct 2014 7:14

Tgt Ion:252 Resp: 8383

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	17.5	12.1	18.1



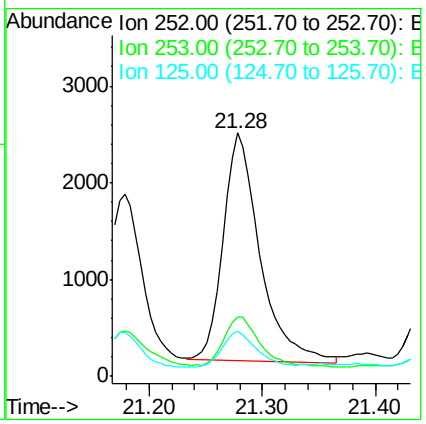


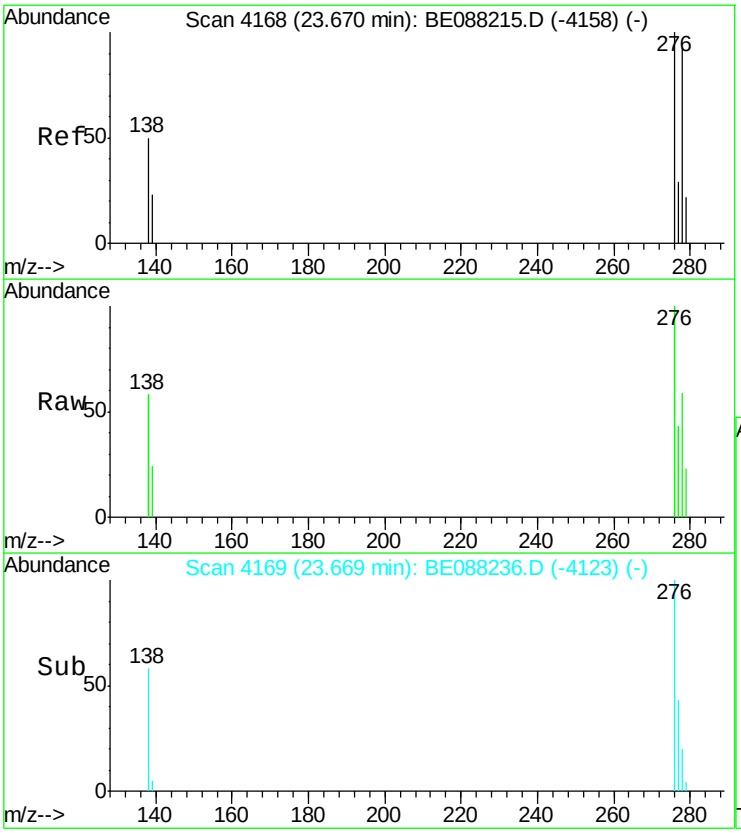
#25
Benzo(a)pyrene
Concen: 0.74 ng
RT: 21.28 min Scan# 3691
Delta R.T. -0.00 min
Lab File: BE088236.D
Acq: 25 Oct 2014 7:14

Instrument :
BNA_E
ClientSampleId :
YS19-SB34-1014

Tgt Ion:252 Resp: 5223

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.8
125	18.7	13.5	20.3

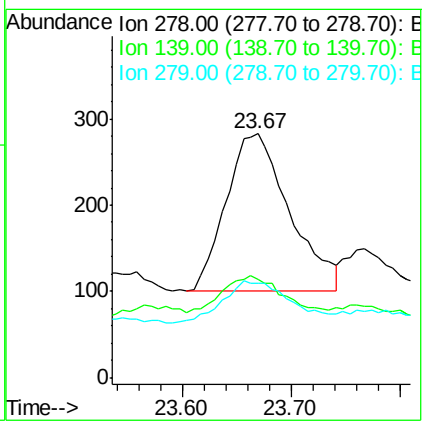


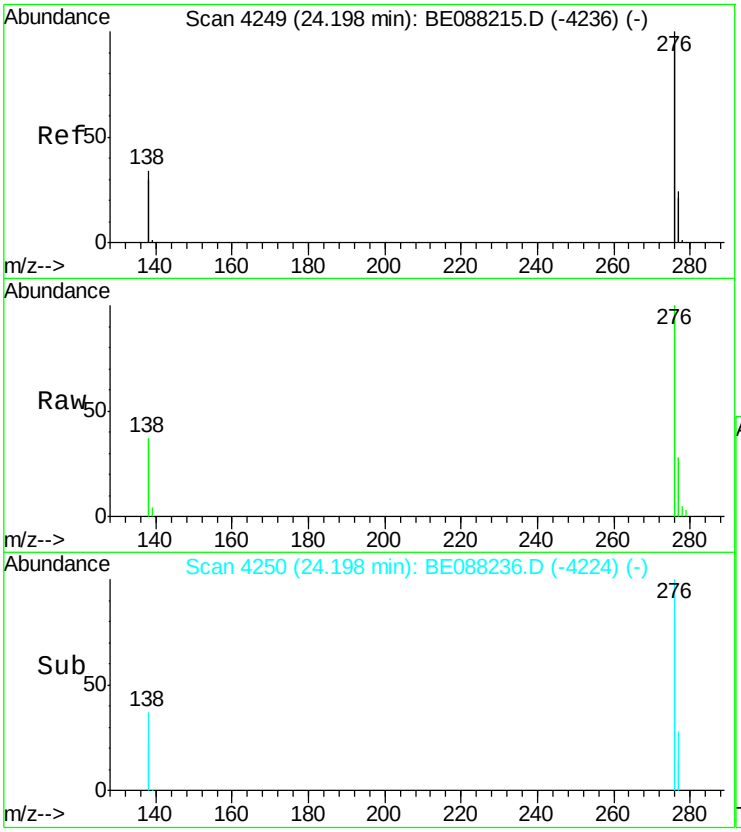


#26
Dibenzo(a,h)anthracene
Concen: 0.29 ng
RT: 23.67 min Scan# 4169
Delta R.T. 0.00 min
Lab File: BE088236.D
Acq: 25 Oct 2014 7:14

Tgt Ion:278 Resp: 740

Ion	Ratio	Lower	Upper
278	100		
139	40.3	22.1	33.1#
279	38.9	20.2	30.2#





#27
Benzo(g,h,i)perylene
Concen: 0.48 ng
RT: 24.20 min Scan# 4250
Delta R.T. -0.00 min
Lab File: BE088236.D
Acq: 25 Oct 2014 7:14

Instrument :
BNA_E
ClientSampleId :
YS19-SB34-1014

Tgt Ion:276 Resp: 16018

Ion	Ratio	Lower	Upper
276	100		
277	27.7	19.4	29.2
138	37.1	27.3	40.9