Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE010815\
Data File : BE089376.D
Acq On : 8 Jan 2015 21:00
Operator : TP/IZ
Sample : SSTD0.462
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTD0.462

Quant Time: Jan 09 03:20:28 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM01.2-EPA-SIM-BE123014.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 09 01:27:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	1157	0.40	ng/ul	0.00
4) Naphthalene-d8	8.51	136	4629	0.40	ng/ul	0.00
8) Acenaphthene-d10	10.65	164	2290	0.40	ng/ul	0.00
12) Phenanthrene-d10	12.71	188	3456	0.40	ng/ul	0.00
18) Chrysene-d12	18.06	240	2534	0.40	ng/ul	0.00
22) Perylene-d12	21.12	264	2211	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.10	96	3536	2.03	ng/uL	0.00
6) 2-Methylnaphthalene-d10	9.35	152	2223	0.42	ng/ul	0.00
16) Fluoranthene-d10	14.91	212	2587	0.43	ng/ul	0.00
Target Compounds						Qvalue
3) 1,4-Dioxane	2.14	88	3914	2.02	ng/ul	99
5) Naphthalene	8.53	128	4552	0.41	ng/ul	99
7) 2-Methylnaphthalene	9.38	142	2920	0.43	ng/ul	97
9) Acenaphthylene	10.48	152	15973	0.44	ng/ul	98
10) Acenaphthene	10.69	153	10240	0.41	ng/ul#	85
11) Fluorene	11.34	166	2779	0.42	ng/ul	96
13) Pentachlorophenol	12.03	266	1248	3.48	ng/ul	88
14) Phenanthrene	12.75	178	15399	0.42	ng/ul	99
15) Anthracene	12.83	178	14627	0.44	ng/ul	99
17) Fluoranthene	14.95	202	14165	0.43	ng/ul	97
19) Pyrene	15.40	202	14461	0.44	ng/ul	97
20) Benzo(a)anthracene	18.05	228	2630	0.46	ng/ul	98
21) Chrysene	18.12	228	2869	0.41	ng/ul	97
23) Benzo(b)fluoranthene	20.37	252	2030	0.36	ng/ul	97
24) Benzo(k)fluoranthene	20.42	252	2874	0.39	ng/ul	96
25) Benzo(a)pyrene	21.00	252	2380	0.42	ng/ul	96
26) Indeno(1,2,3-cd)pyrene	23.22	276	5980	0.38	ng/ul	97
27) Dibenzo(a,h)anthracene	23.30	278	1843	0.40	ng/ul	95
28) Benzo(g,h,i)perylene	23.80	276	9424	0.42	ng/ul	95

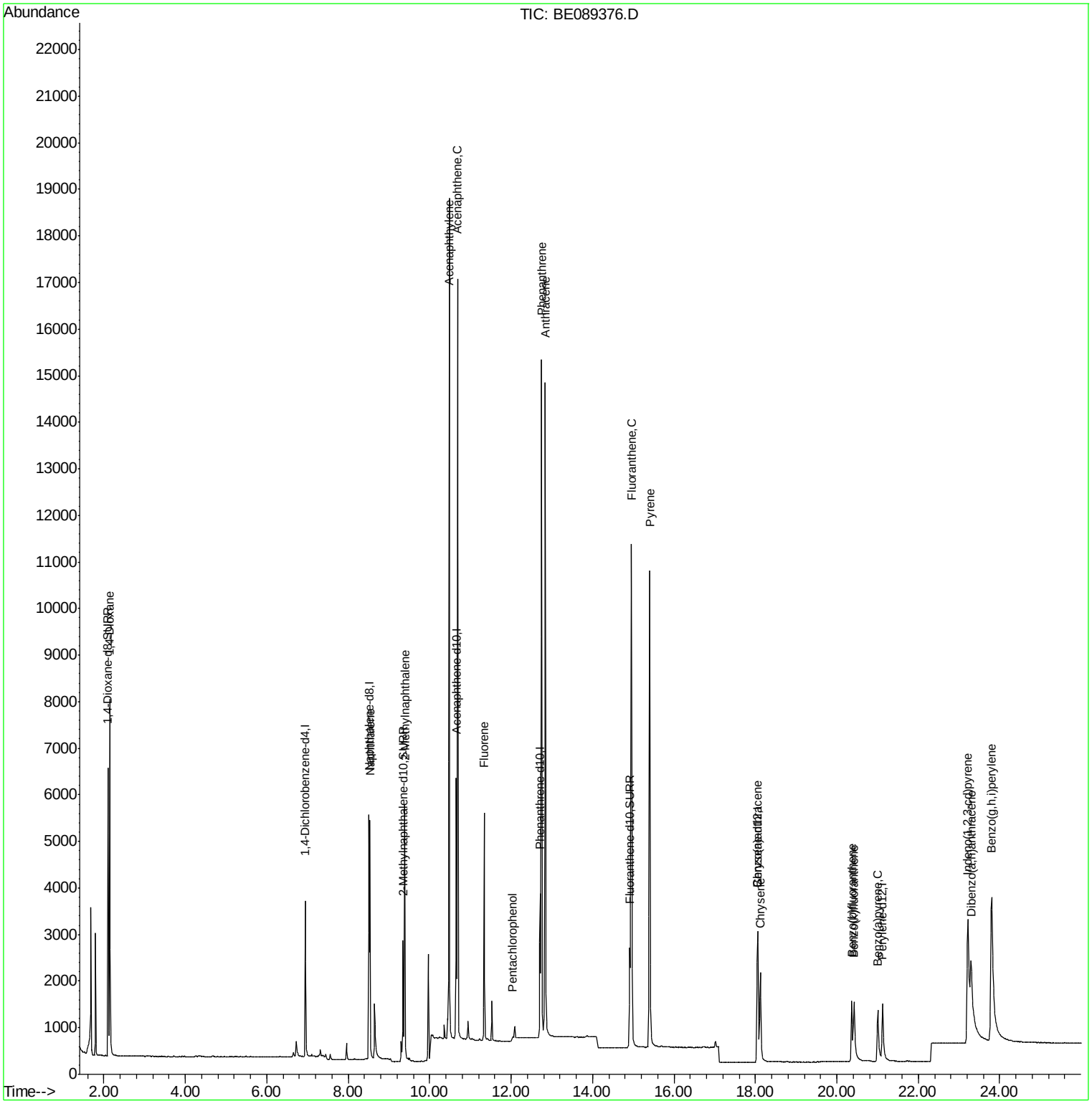
(#) = qualifier out of range (m) = manual integration (+) = signals summed

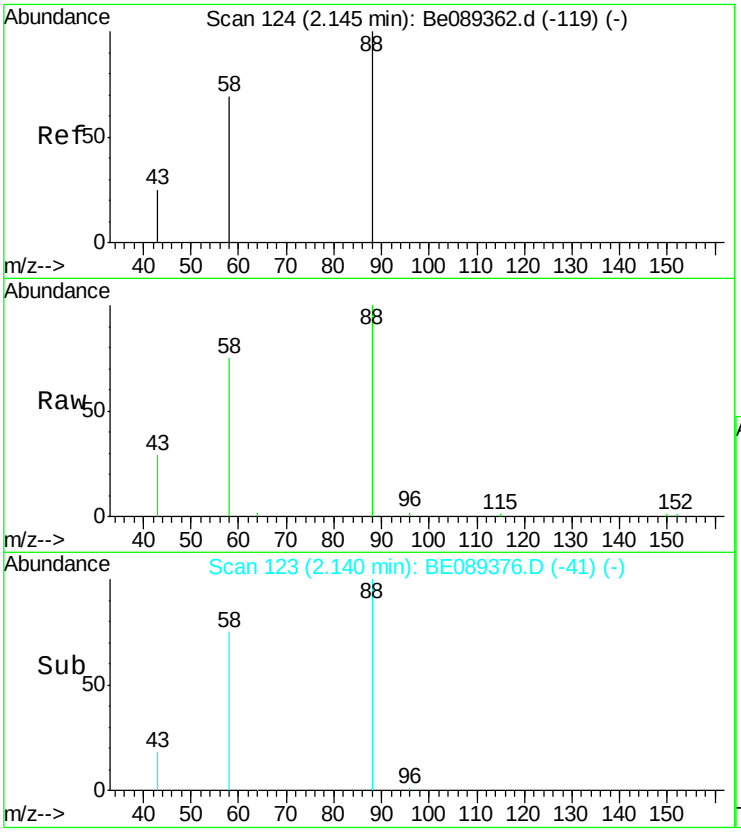
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE010815\
Data File : BE089376.D
Acq On : 8 Jan 2015 21:00
Operator : TP/IZ
Sample : SSTD0.462
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTD0.462

Quant Time: Jan 09 03:20:28 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM01.2-EPA-SIM-BE123014.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 09 01:27:36 2015
Response via : Initial Calibration



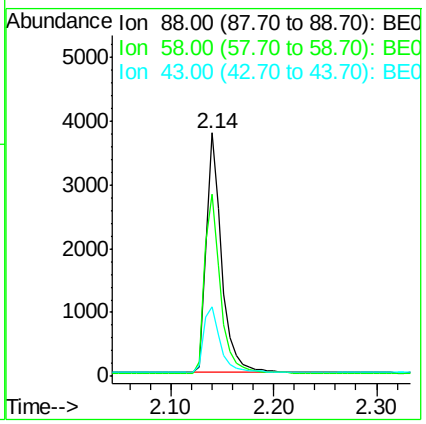


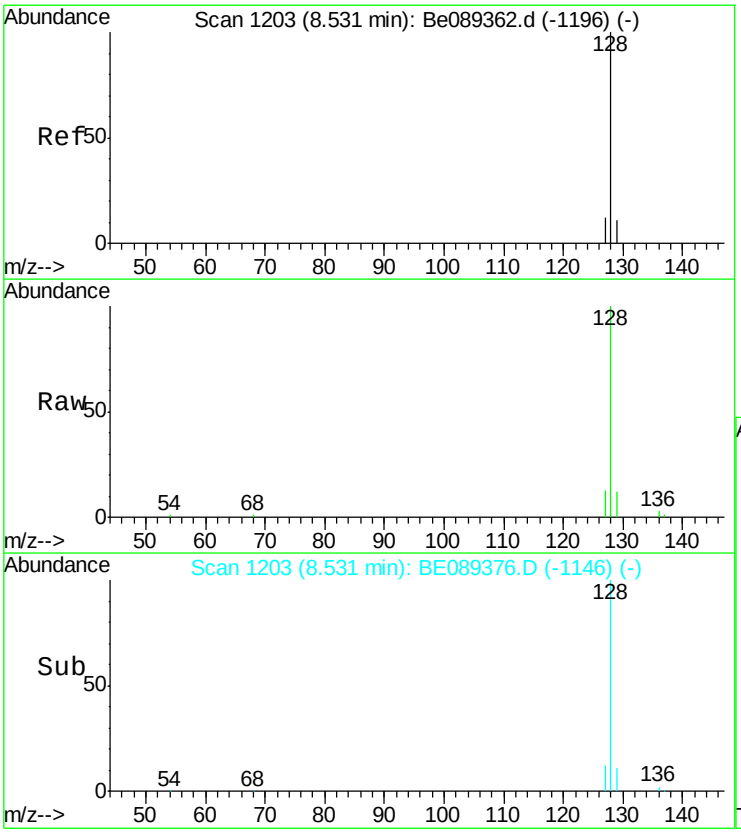
#3
1,4-Dioxane
Concen: 2.02 ng/ul
RT: 2.14 min Scan# 123
Delta R.T. -0.01 min
Lab File: BE089376.D
Acq: 8 Jan 2015 21:00

Instrument :
BNA_E
LabSampleId :
SSTD0.462

Tgt Ion: 88 Resp: 3914

Ion	Ratio	Lower	Upper
88	100		
58	77.1	61.5	92.3
43	28.6	23.9	35.9

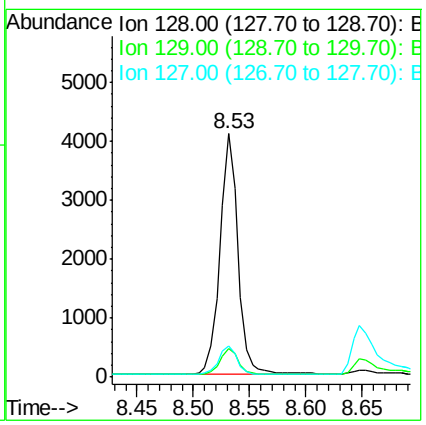


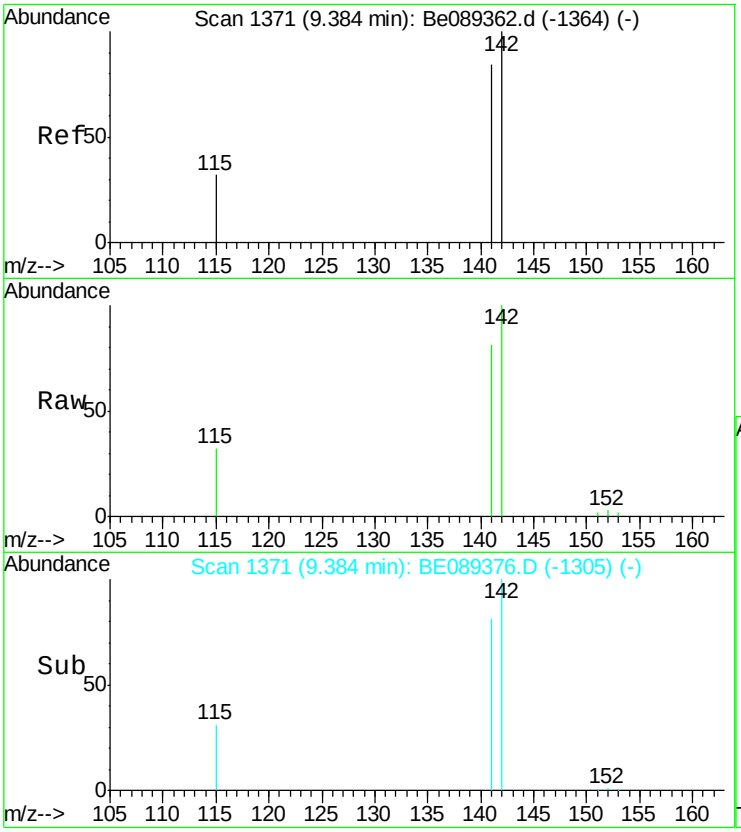


#5
Naphthalene
Concen: 0.41 ng/ul
RT: 8.53 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BE089376.D
Acq: 8 Jan 2015 21:00

Tgt Ion:128 Resp: 4552

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	13.0	10.0	15.0



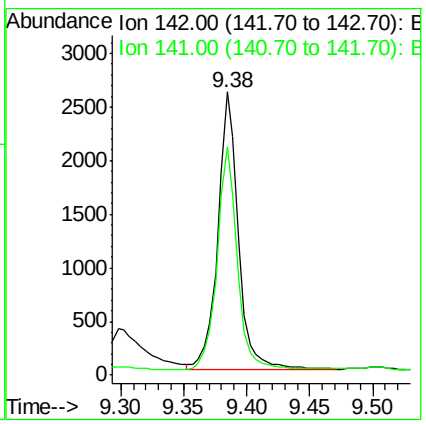


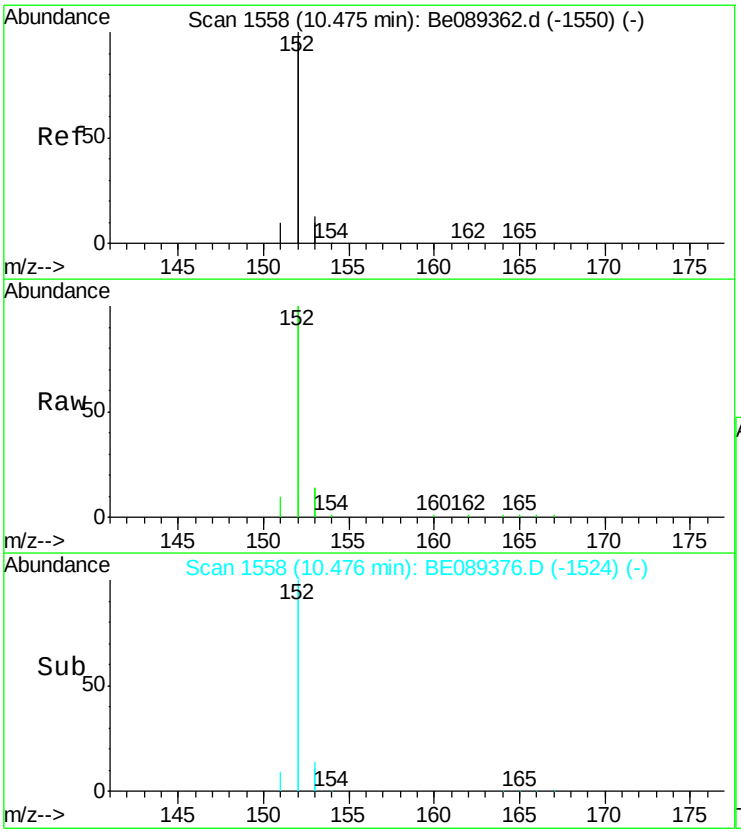
#7
2-Methylnaphthalene
Concen: 0.43 ng/ul
RT: 9.38 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE089376.D
Acq: 8 Jan 2015 21:00

Instrument :
BNA_E
LabSampleId :
SSTD0.462

Tgt Ion:142 Resp: 2920

Ion	Ratio	Lower	Upper
142	100		
141	79.1	65.4	98.0

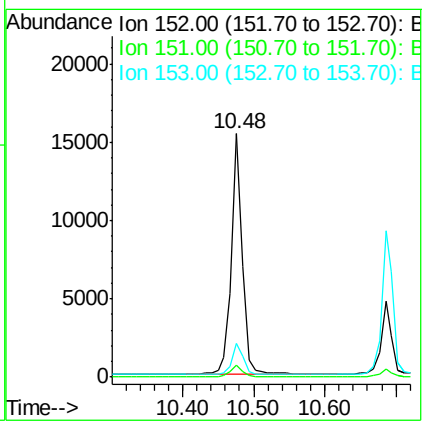


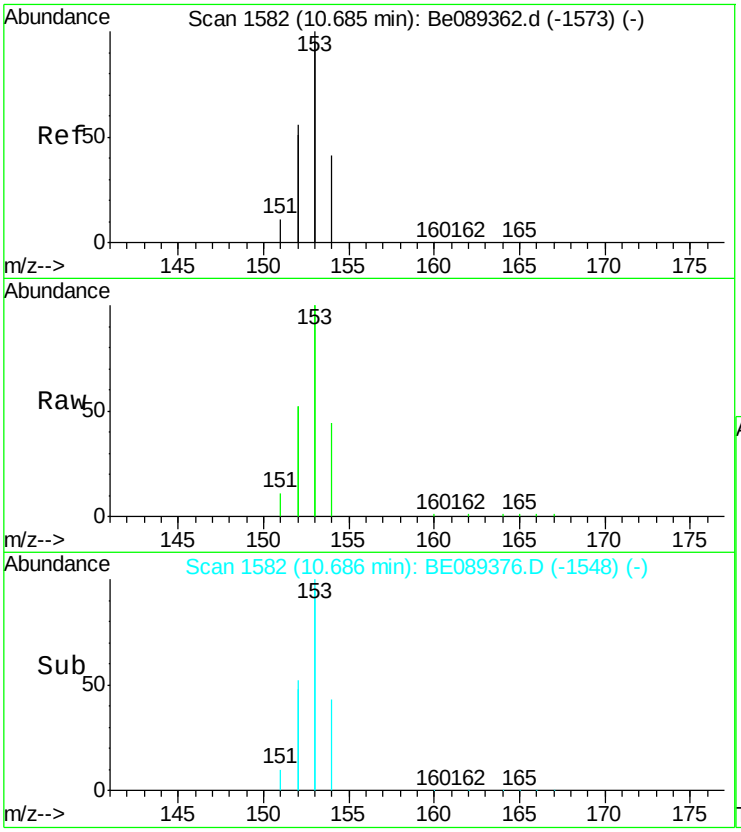


#9
Acenaphthylene
Concen: 0.44 ng/ul
RT: 10.48 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BE089376.D
Acq: 8 Jan 2015 21:00

Tgt Ion:152 Resp: 15973

Ion	Ratio	Lower	Upper
152	100		
151	4.9	4.0	6.0
153	13.7	10.1	15.1



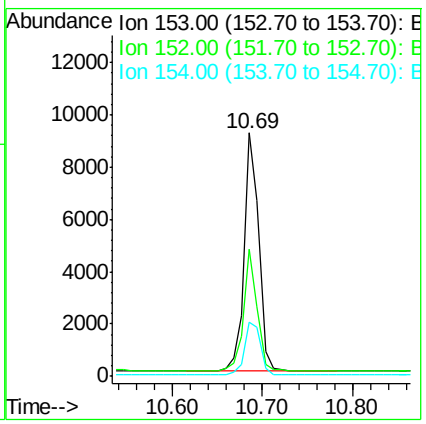


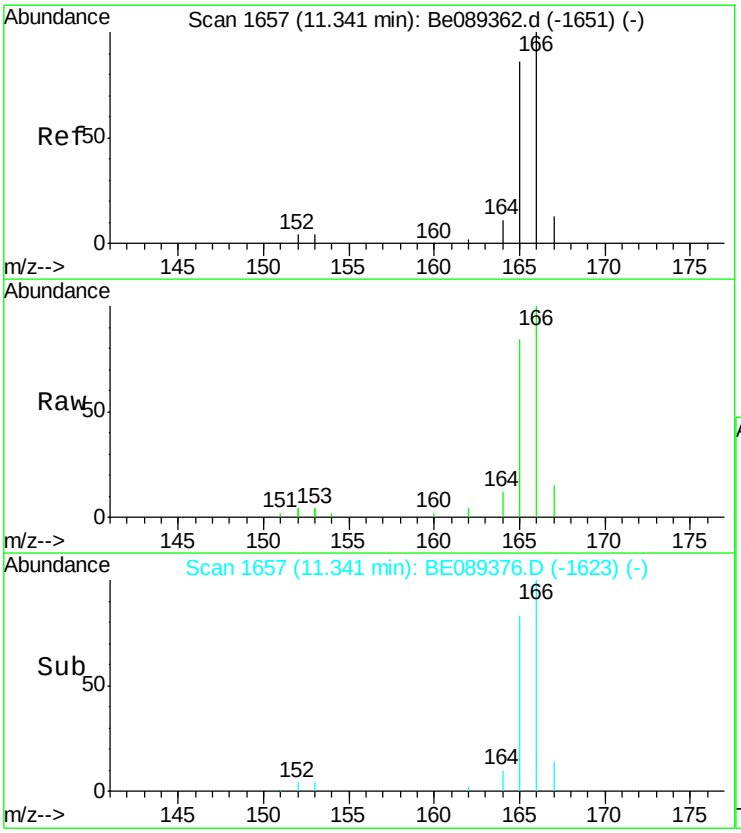
#10
Acenaphthene
Concen: 0.41 ng/ul
RT: 10.69 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BE089376.D
Acq: 8 Jan 2015 21:00

Instrument :
BNA_E
LabSampleId :
SSTD0.462

Tgt Ion:153 Resp: 10240

Ion	Ratio	Lower	Upper
153	100		
152	52.5	32.6	49.0#
154	22.1	21.8	32.6

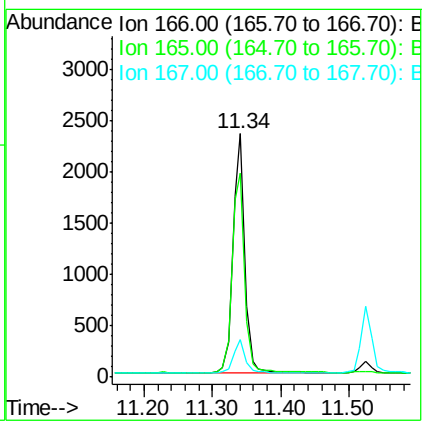


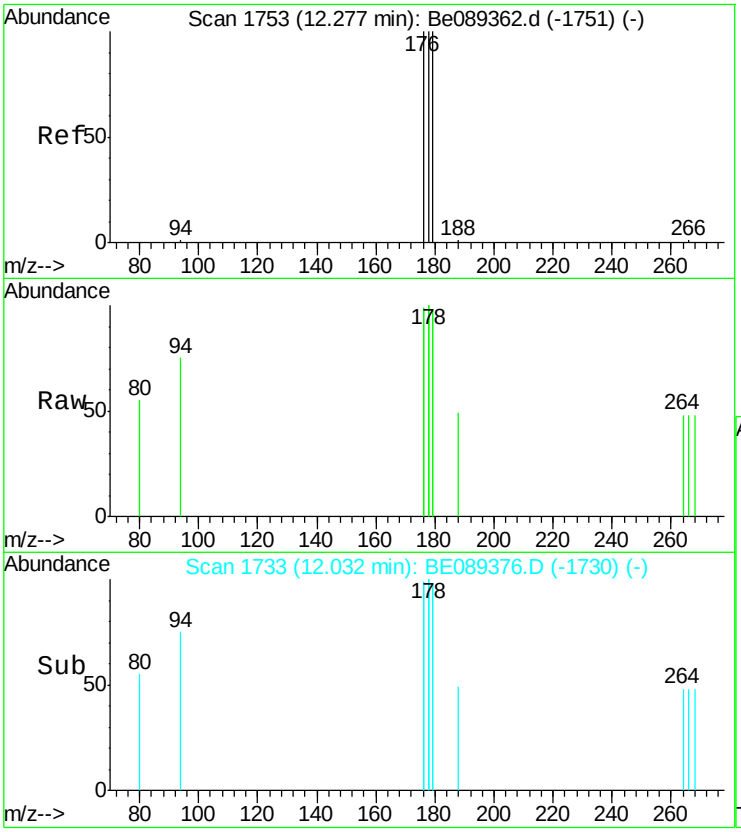


#11
Fluorene
Concen: 0.42 ng/ul
RT: 11.34 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BE089376.D
Acq: 8 Jan 2015 21:00

Tgt Ion:166 Resp: 2779

Ion	Ratio	Lower	Upper
166	100		
165	83.9	70.3	105.5
167	15.4	11.5	17.3



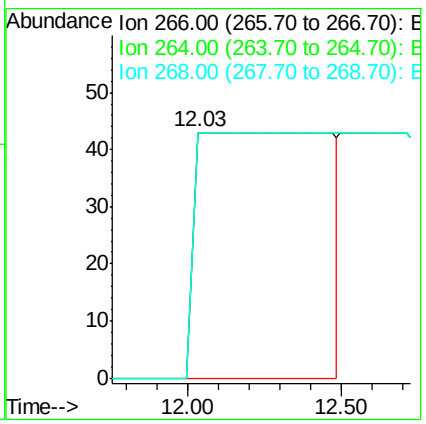


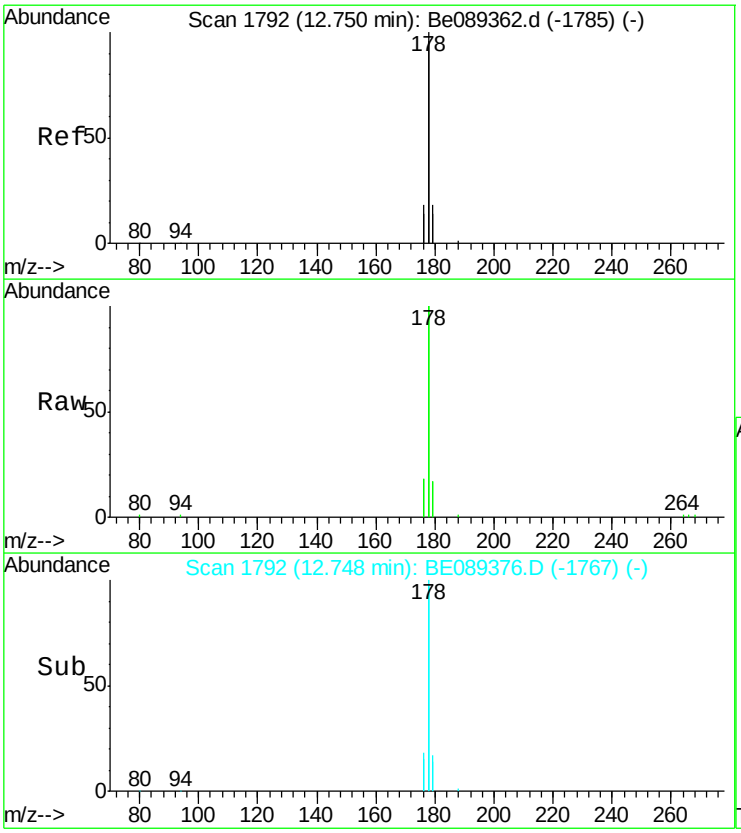
#13
Pentachlorophenol
Concen: 3.48 ng/ul
RT: 12.03 min Scan# 1733
Delta R.T. -0.24 min
Lab File: BE089376.D
Acq: 8 Jan 2015 21:00

Instrument :
BNA_E
LabSampleId :
SSTD0.462

Tgt Ion:266 Resp: 1248

Ion	Ratio	Lower	Upper
266	100		
264	53.8	48.7	73.1
268	53.8	52.9	79.3

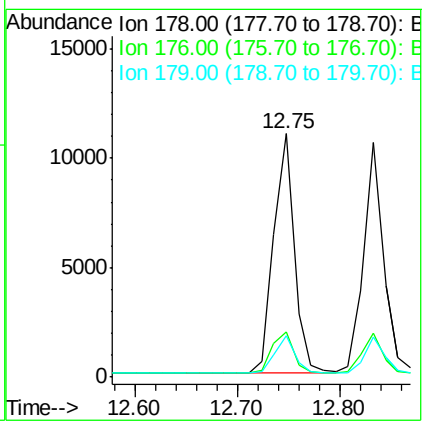


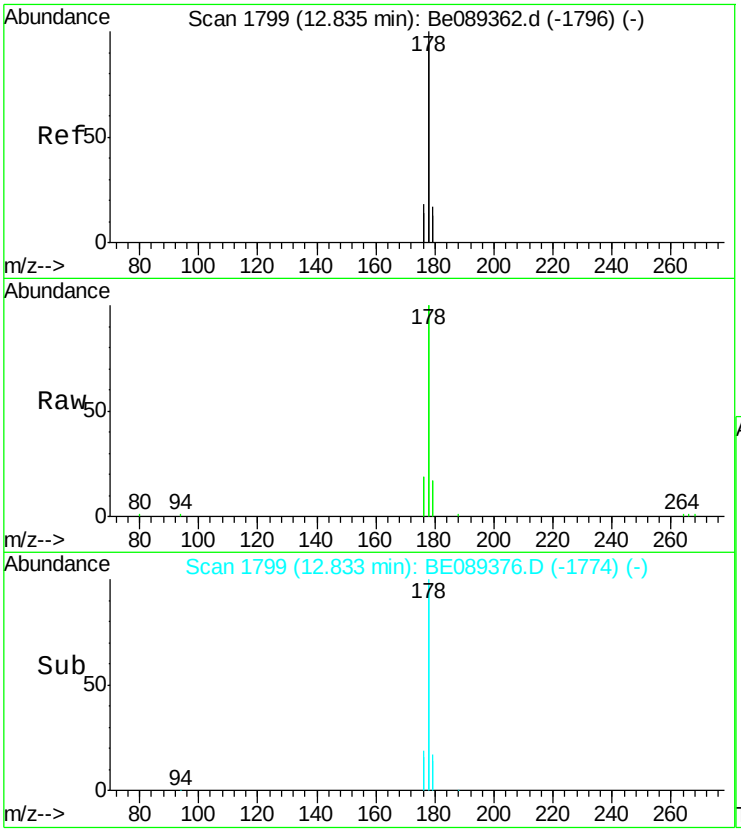


#14
Phenanthrene
Concen: 0.42 ng/ul
RT: 12.75 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BE089376.D
Acq: 8 Jan 2015 21:00

Tgt Ion:178 Resp: 15399

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.3	21.5
179	16.8	13.8	20.8



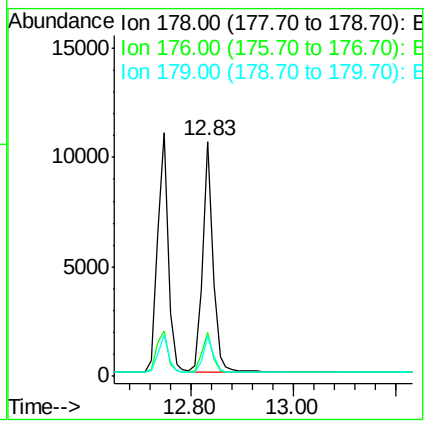


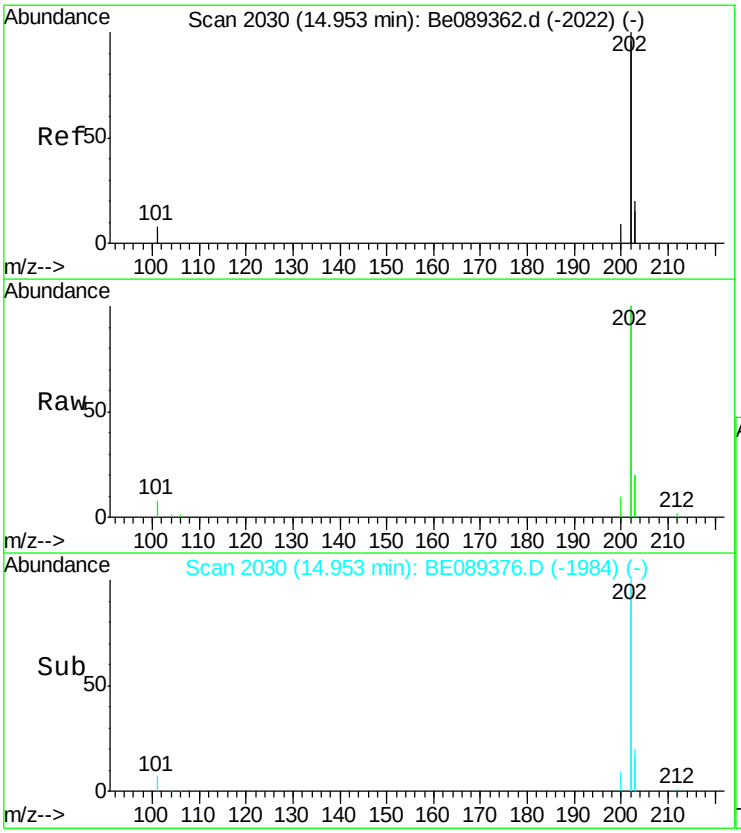
#15
Anthracene
Concen: 0.44 ng/ul
RT: 12.83 min Scan# 1799
Delta R.T. -0.00 min
Lab File: BE089376.D
Acq: 8 Jan 2015 21:00

Instrument :
BNA_E
LabSampleId :
SSTD0.462

Tgt Ion:178 Resp: 14627

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.7	22.1
179	16.8	13.4	20.2

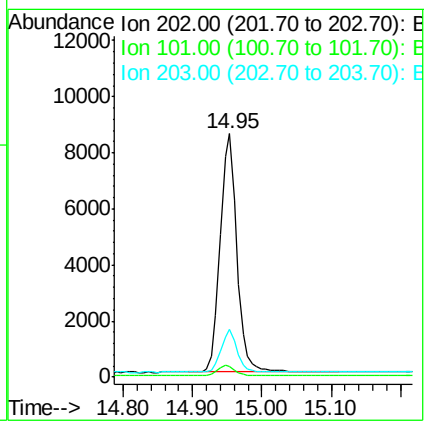


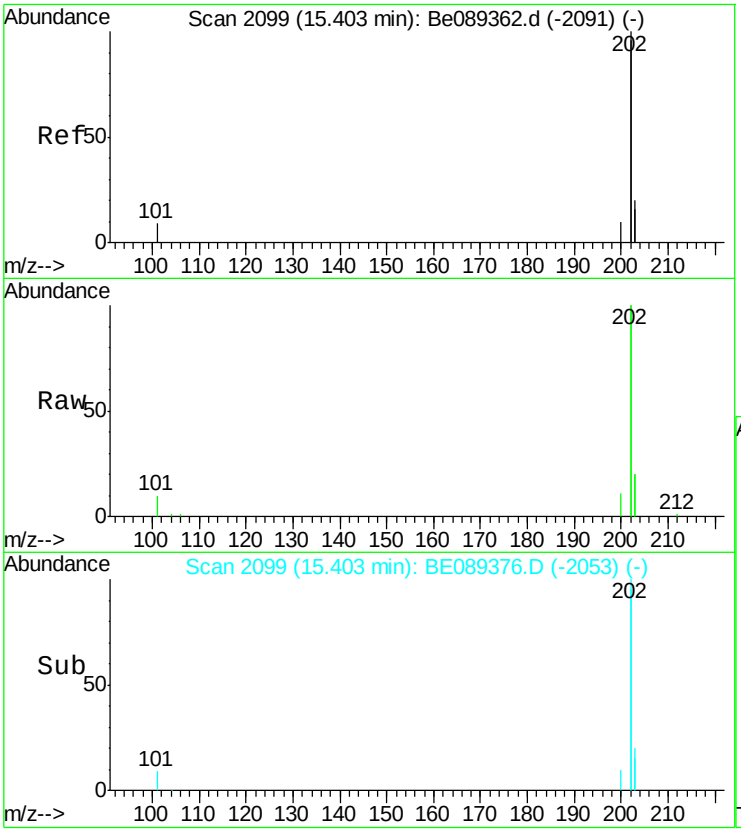


#17
Fluoranthene
Concen: 0.43 ng/ul
RT: 14.95 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BE089376.D
Acq: 8 Jan 2015 21:00

Tgt Ion:202 Resp: 14165

Ion	Ratio	Lower	Upper
202	100		
101	4.2	0.0	24.6
203	19.6	0.0	37.8



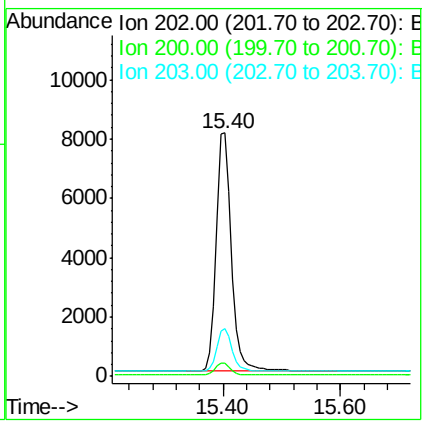


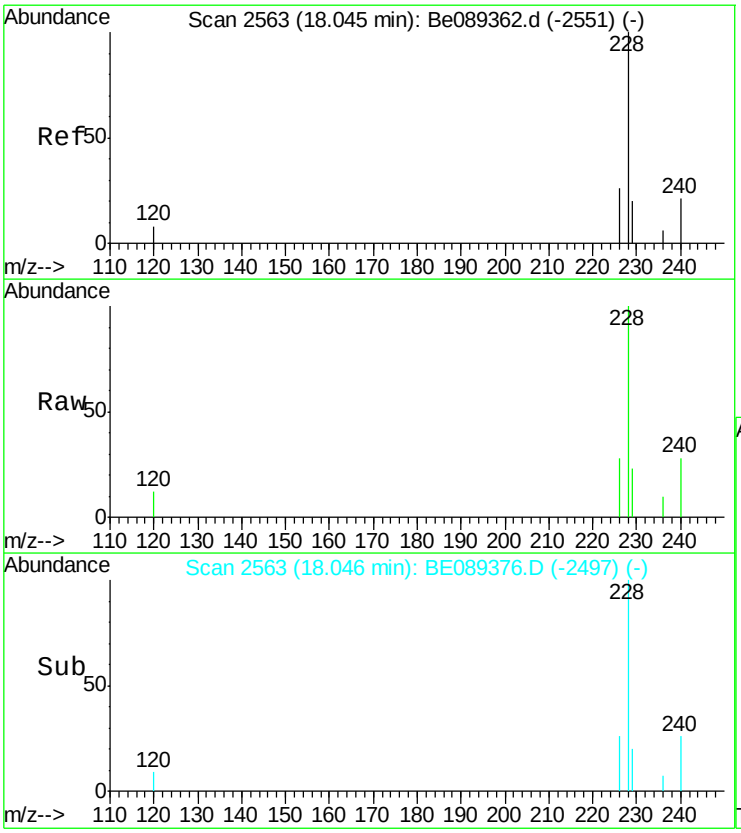
#19
Pyrene
Concen: 0.44 ng/ul
RT: 15.40 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BE089376.D
Acq: 8 Jan 2015 21:00

Instrument :
BNA_E
LabSampleId :
SSTD0.462

Tgt Ion:202 Resp: 14461

Ion	Ratio	Lower	Upper
202	100		
200	5.4	4.2	6.4
203	19.7	14.4	21.6

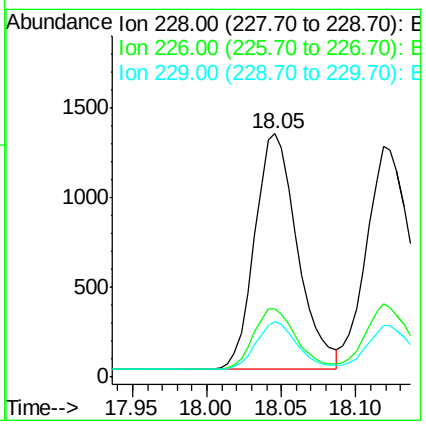


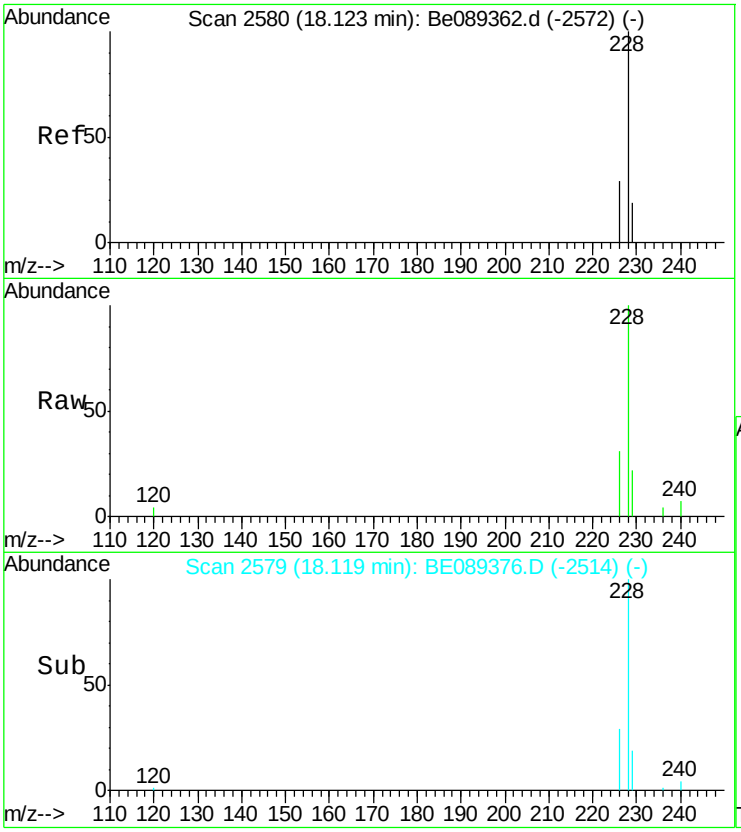


#20
Benzo(a)anthracene
Concen: 0.46 ng/ul
RT: 18.05 min Scan# 2563
Delta R.T. 0.00 min
Lab File: BE089376.D
Acq: 8 Jan 2015 21:00

Tgt Ion:228 Resp: 2630

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.9	32.9
229	22.6	16.9	25.3



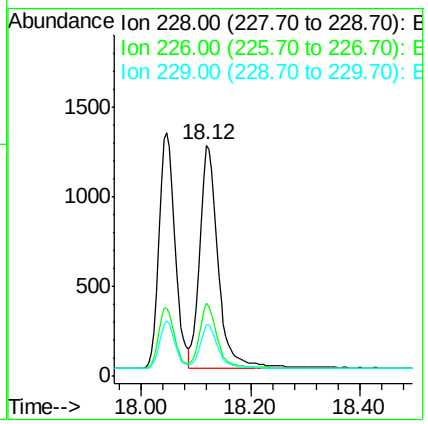


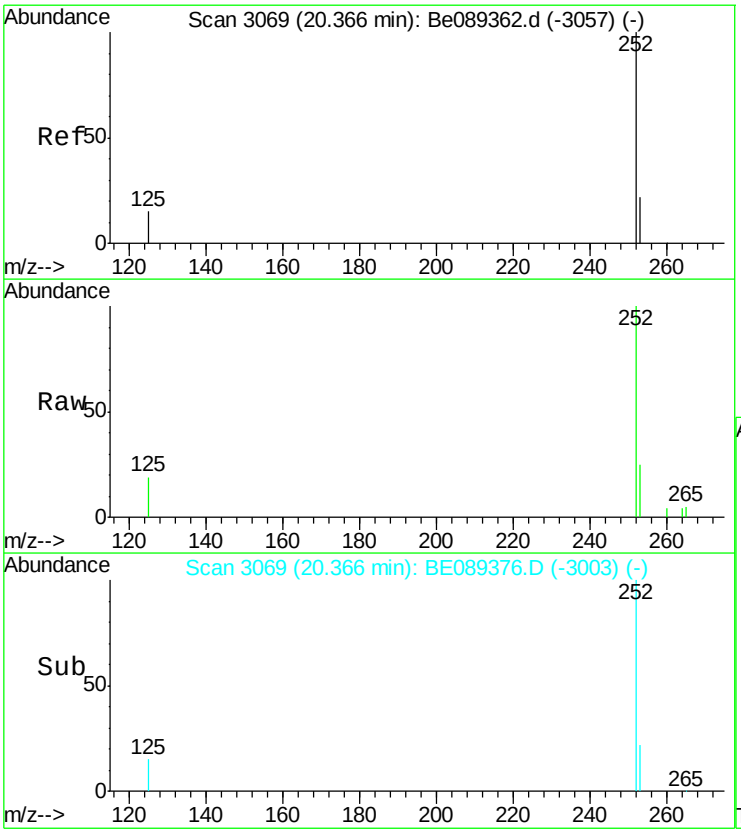
#21
Chrysene
Concen: 0.41 ng/ul
RT: 18.12 min Scan# 2579
Delta R.T. -0.00 min
Lab File: BE089376.D
Acq: 8 Jan 2015 21:00

Instrument :
BNA_E
LabSampleId :
SSTD0.462

Tgt Ion:228 Resp: 2869

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.9	35.9
229	22.2	16.8	25.2

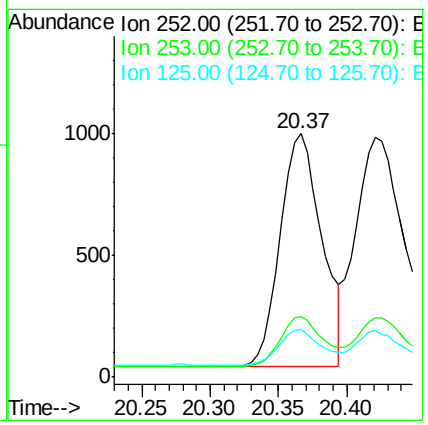


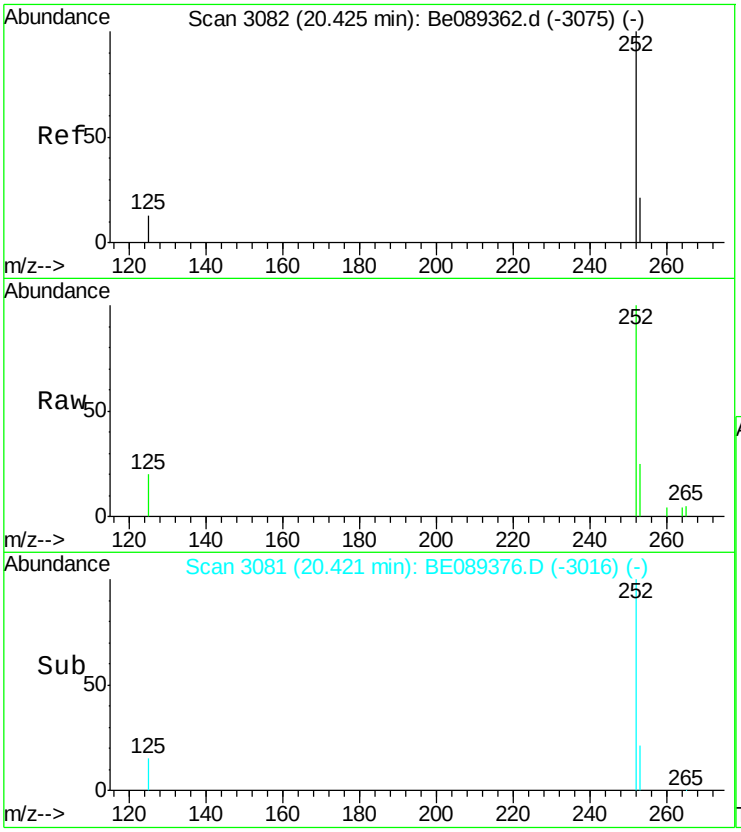


#23
Benzo(b)fluoranthene
Concen: 0.36 ng/ul
RT: 20.37 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BE089376.D
Acq: 8 Jan 2015 21:00

Tgt Ion:252 Resp: 2030

Ion	Ratio	Lower	Upper
252	100		
253	24.9	0.0	47.8
125	19.4	0.0	34.2



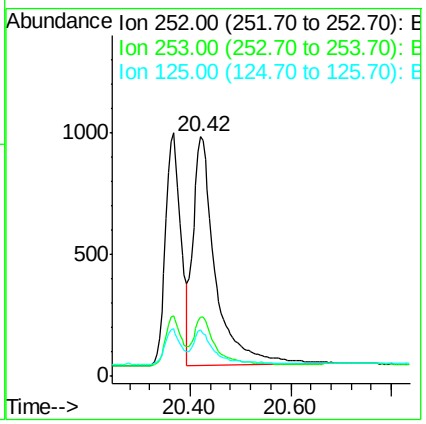


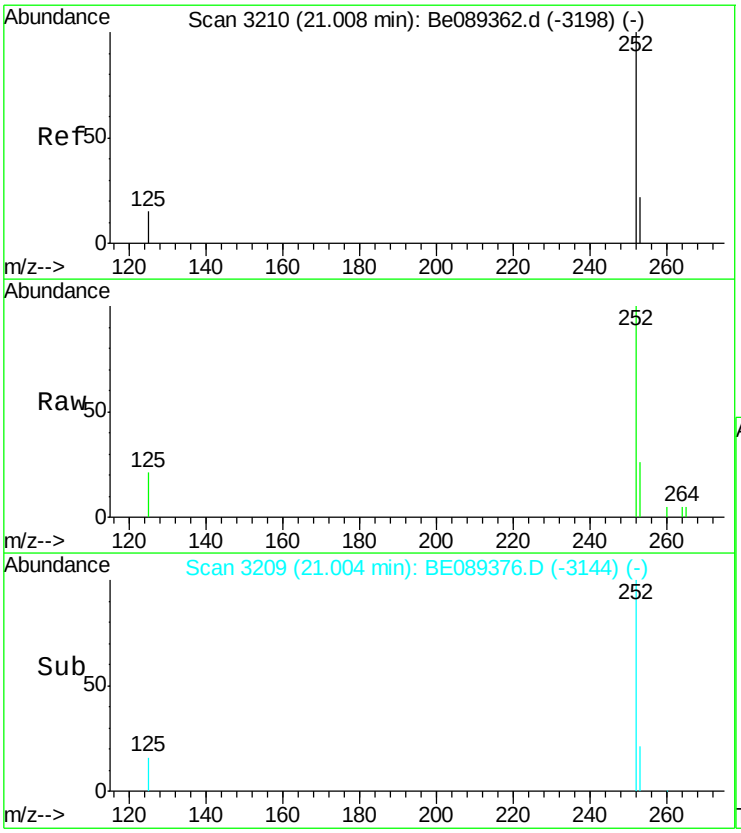
#24
Benzo(k)fluoranthene
Concen: 0.39 ng/ul
RT: 20.42 min Scan# 3081
Delta R.T. -0.00 min
Lab File: BE089376.D
Acq: 8 Jan 2015 21:00

Instrument :
BNA_E
LabSampleId :
SSTD0.462

Tgt Ion:252 Resp: 2874

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.0	28.6
125	19.5	13.5	20.3

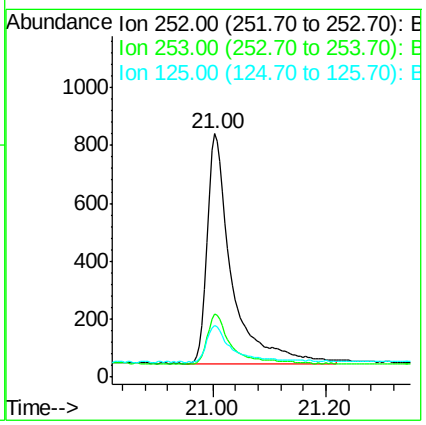


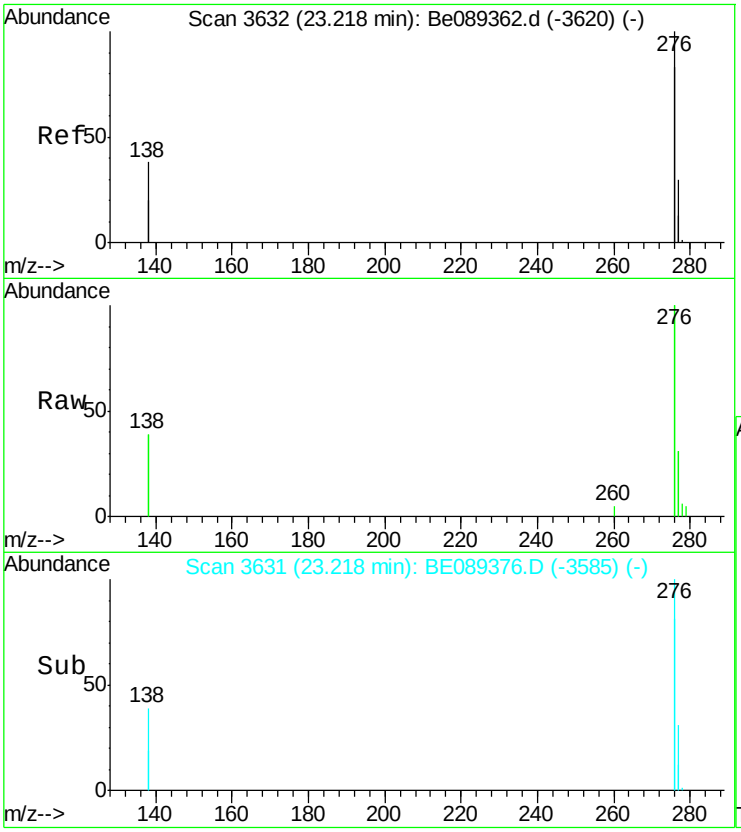


#25
Benzo(a)pyrene
Concen: 0.42 ng/ul
RT: 21.00 min Scan# 3209
Delta R.T. -0.00 min
Lab File: BE089376.D
Acq: 8 Jan 2015 21:00

Tgt Ion:252 Resp: 2380

Ion	Ratio	Lower	Upper
252	100		
253	25.7	19.7	29.5
125	21.4	15.0	22.6



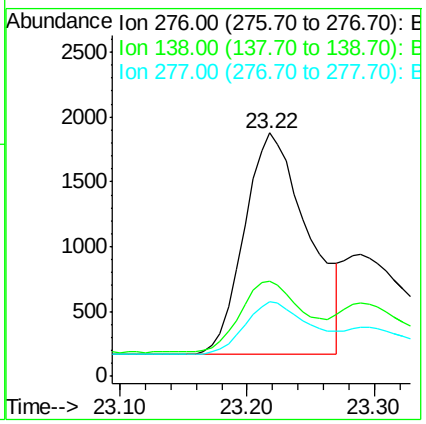


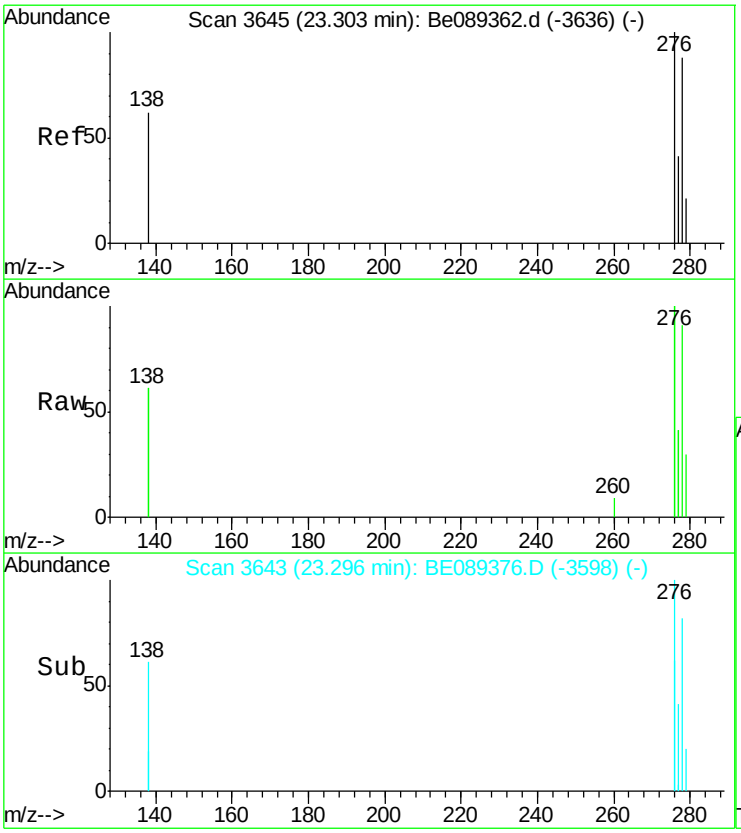
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng/ul
RT: 23.22 min Scan# 3631
Delta R.T. -0.00 min
Lab File: BE089376.D
Acq: 8 Jan 2015 21:00

Instrument :
BNA_E
LabSampleId :
SSTD0.462

Tgt Ion:276 Resp: 5980

Ion	Ratio	Lower	Upper
276	100		
138	32.0	23.8	35.8
277	24.8	18.9	28.3

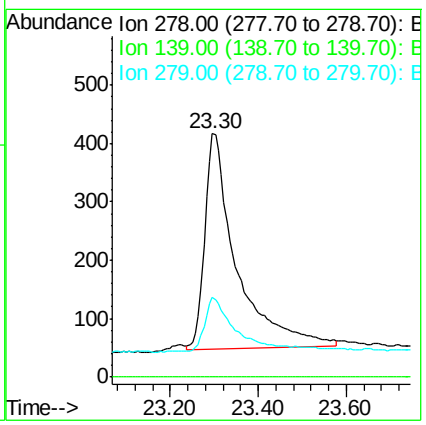


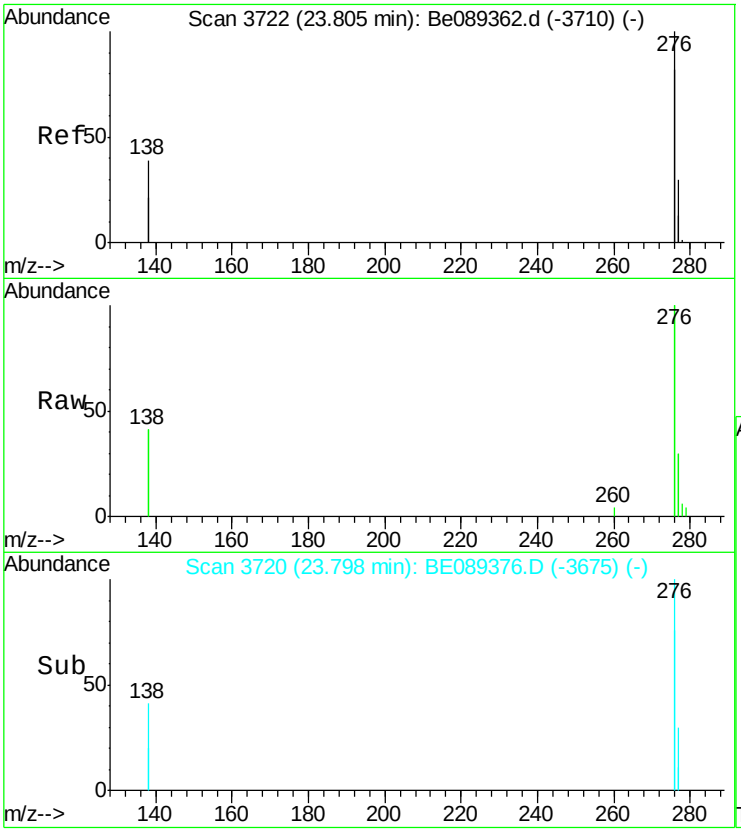


#27
Dibenzo(a,h)anthracene
Concen: 0.40 ng/ul
RT: 23.30 min Scan# 3643
Delta R.T. -0.01 min
Lab File: BE089376.D
Acq: 8 Jan 2015 21:00

Tgt Ion:278 Resp: 1843

Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	0.0
279	32.6	24.0	36.0





#28
Benzo(g,h,i)perylene
Concen: 0.42 ng/ul
RT: 23.80 min Scan# 3720
Delta R.T. -0.01 min
Lab File: BE089376.D
Acq: 8 Jan 2015 21:00

Instrument :
BNA_E
LabSampleId :
SSTD0.462

Tgt Ion:276 Resp: 9424

Ion	Ratio	Lower	Upper
276	100		
277	29.6	22.3	33.5
138	40.9	30.0	45.0