Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120115\
Data File : BE091324.D
Acq On : 1 Dec 2015 12:57
Operator : UM/NP
Sample : SSTD0.293
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTD0.293

Quant Time: Dec 01 14:25:49 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE120115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 14:20:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	2109	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	10143	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.37	164	4581	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.10	188	13980	0.40	ng/ul	0.01
18) Chrysene-d12	20.23	240	12476	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	10573	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.98	96	1536	1.01	ng/uL	0.03
6) 2-Methylnaphthalene-d10	11.09	152	2045	0.15	ng/ul	0.01
16) Fluoranthene-d10	18.08	212	5526	0.14	ng/ul	0.00
Target Compounds						Qvalue
3) 1,4-Dioxane	2.99	88	1687	0.98	ng/ul#	62
5) Naphthalene	9.62	128	4295	0.17	ng/ul#	94
7) 2-Methylnaphthalene	11.16	142	2250	0.14	ng/ul	87
9) Acenaphthylene	13.12	152	4014	0.18	ng/ul	98
10) Acenaphthene	13.43	153	2898	0.18	ng/ul#	80
11) Fluorene	14.42	166	3698	0.18	ng/ul	94
13) Pentachlorophenol	15.88	266	162	0.13	ng/ul	90
14) Phenanthrene	16.12	178	27442	0.17	ng/ul	98
15) Anthracene	16.22	178	22661	0.16	ng/ul	97
17) Fluoranthene	18.10	202	27398	0.15	ng/ul	88
19) Pyrene	18.49	202	23878	0.17	ng/ul#	78
20) Benzo(a)anthracene	20.20	228	4585	0.15	ng/ul	99
21) Chrysene	20.27	228	7047	0.19	ng/ul	98
23) Benzo(b)fluoranthene	21.56	252	5298	0.16	ng/ul	97
24) Benzo(k)fluoranthene	21.58	252	6529	0.19	ng/ul	96
25) Benzo(a)pyrene	22.02	252	5608	0.18	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	23.72	276	23482	0.19	ng/ul#	84
27) Dibenzo(a,h)anthracene	23.66	278	4063	0.14	ng/ul#	73
28) Benzo(g,h,i)perylene	24.26	276	21750	0.16	ng/ul	98

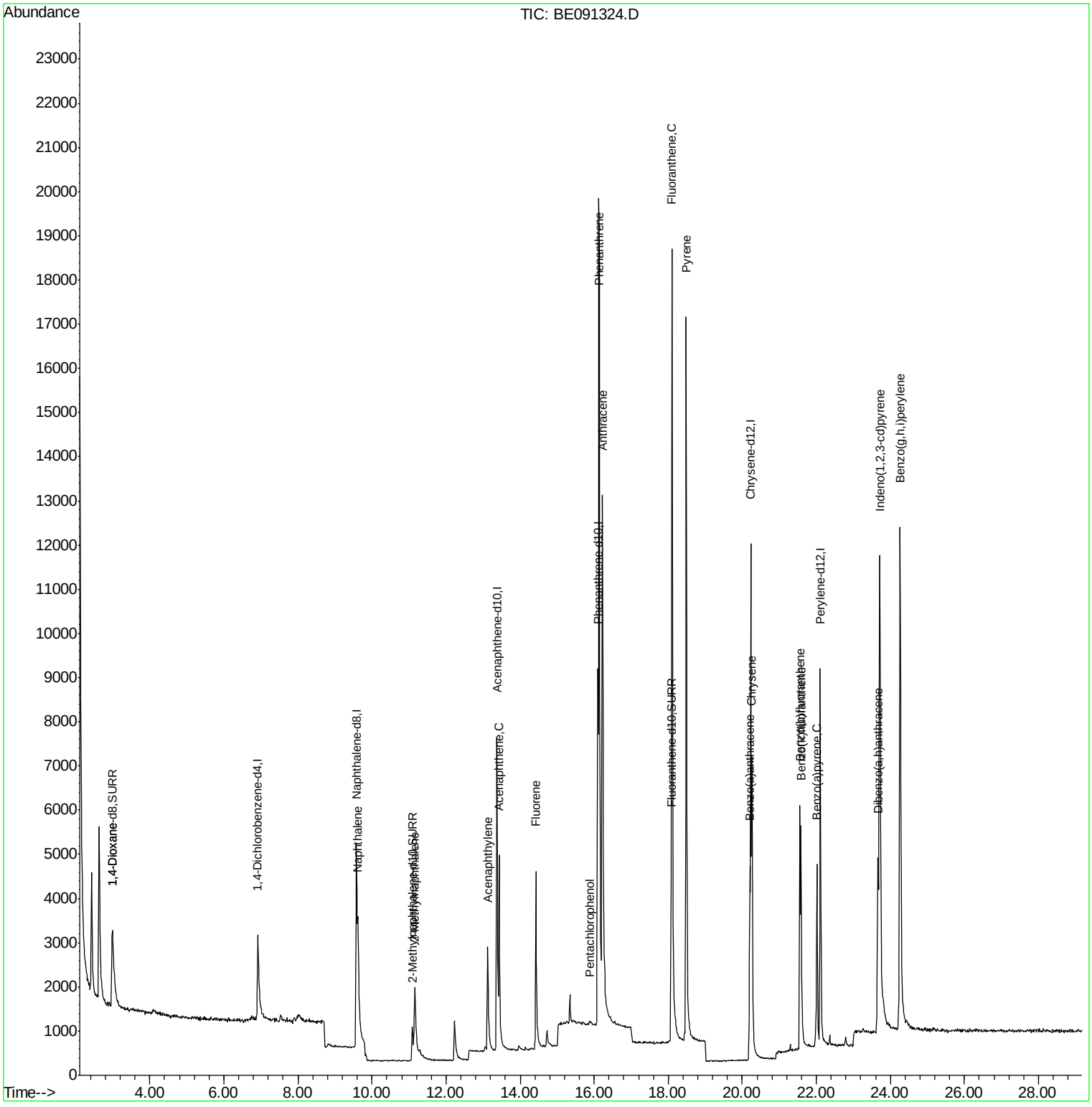
(#) = qualifier out of range (m) = manual integration (+) = signals summed

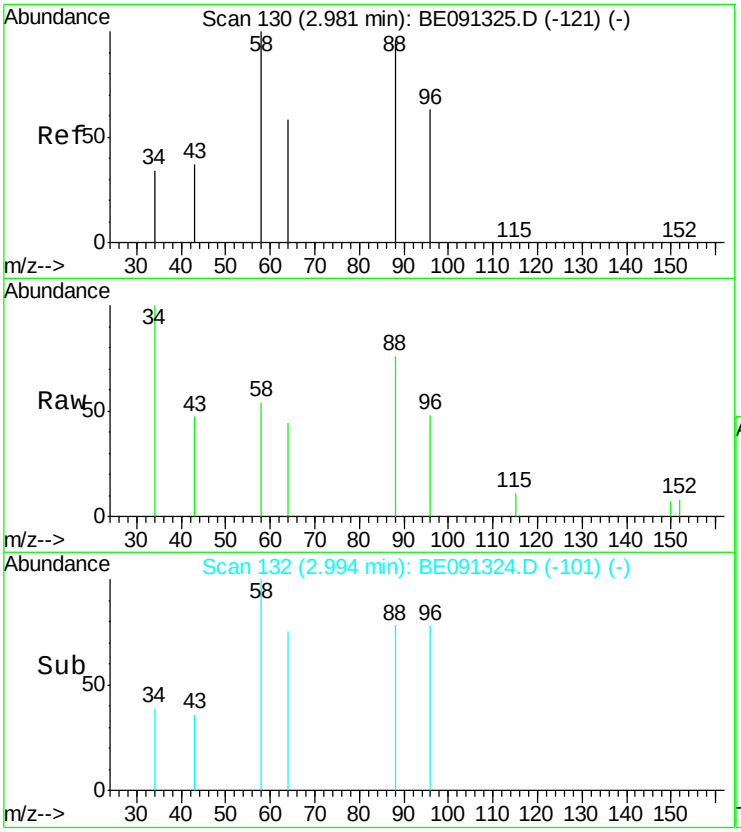
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120115\
Data File : BE091324.D
Acq On : 1 Dec 2015 12:57
Operator : UM/NP
Sample : SSTD0.293
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTD0.293

Quant Time: Dec 01 14:25:49 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE120115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 14:20:21 2015
Response via : Initial Calibration



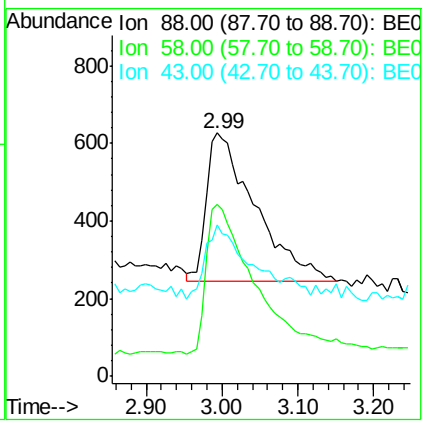


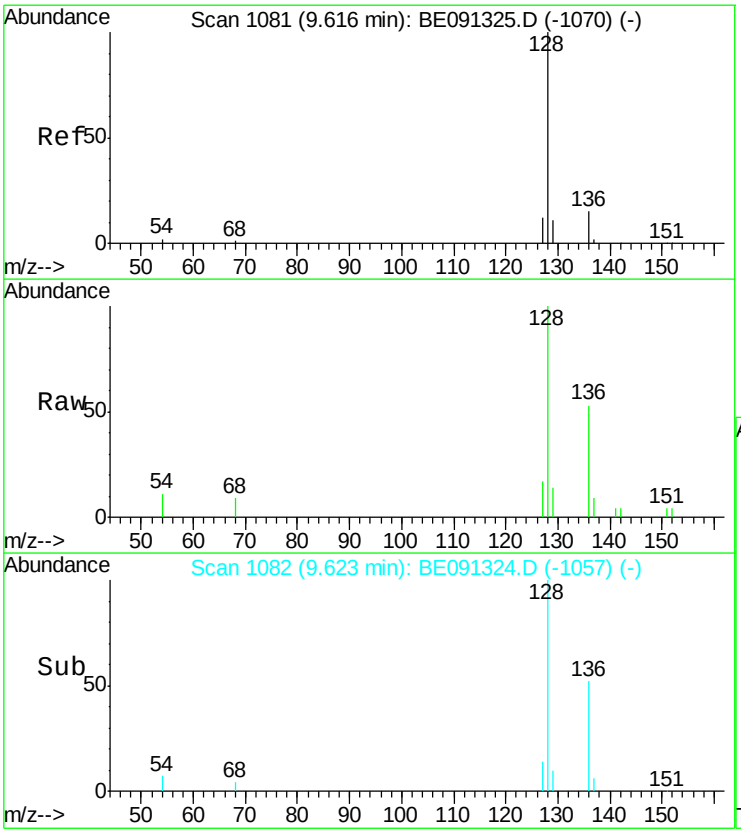
#3
1,4-Dioxane
Concen: 0.98 ng/ul
RT: 2.99 min Scan# 132
Delta R.T. 0.01 min
Lab File: BE091324.D
Acq: 1 Dec 2015 12:57

Instrument :
BNA_E
ClientSampleId :
SSTD0.293

Tgt Ion: 88 Resp: 1687

Ion	Ratio	Lower	Upper
88	100		
58	101.5	55.4	83.2#
43	48.4	24.2	36.2#

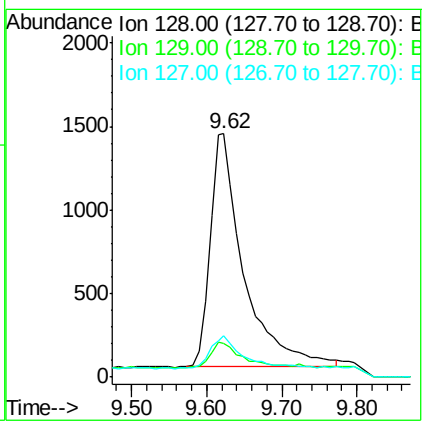


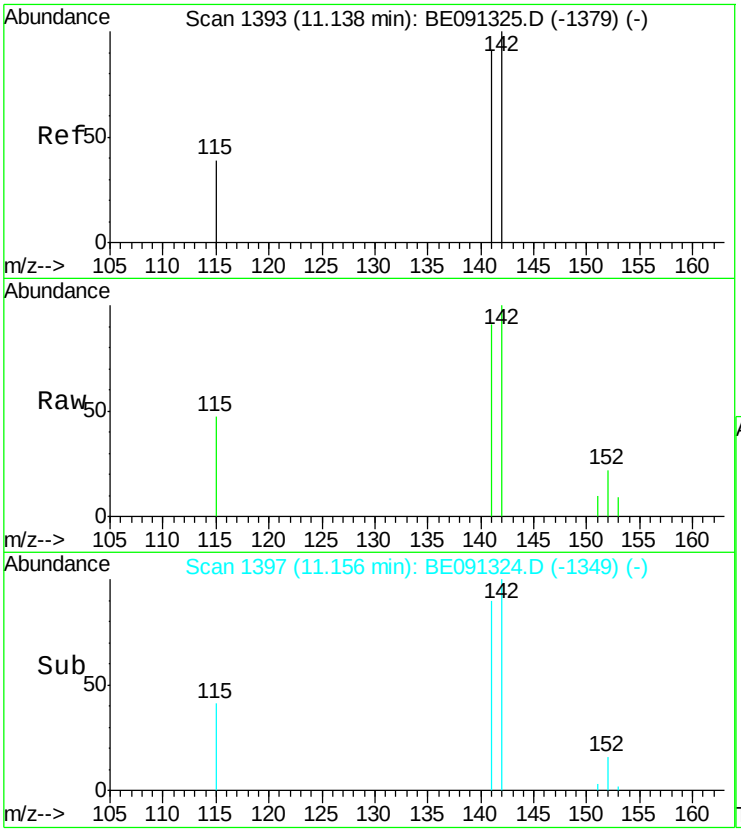


#5
Naphthalene
Concen: 0.17 ng/ul
RT: 9.62 min Scan# 1082
Delta R.T. 0.01 min
Lab File: BE091324.D
Acq: 1 Dec 2015 12:57

Tgt Ion:128 Resp: 4295

Ion	Ratio	Lower	Upper
128	100		
129	13.8	9.8	14.8
127	16.7	10.7	16.1#



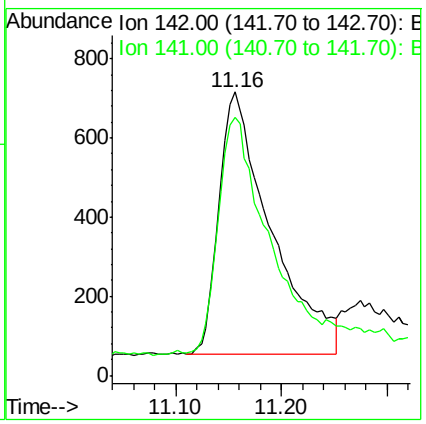


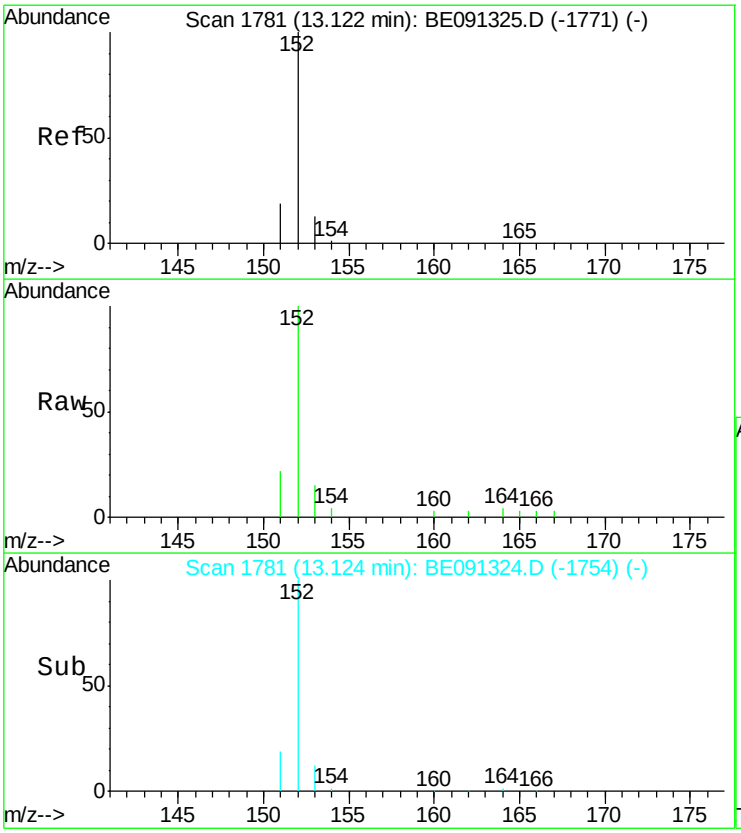
#7
2-Methylnaphthalene
Concen: 0.14 ng/ul
RT: 11.16 min Scan# 1397
Delta R.T. 0.02 min
Lab File: BE091324.D
Acq: 1 Dec 2015 12:57

Instrument :
BNA_E
ClientSampleId :
SSTD0.293

Tgt Ion:142 Resp: 2250

Ion	Ratio	Lower	Upper
142	100		
141	99.7	70.3	105.5

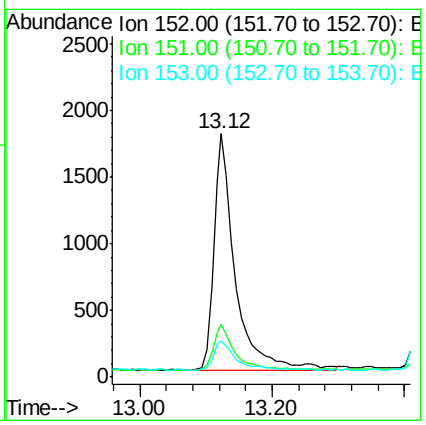


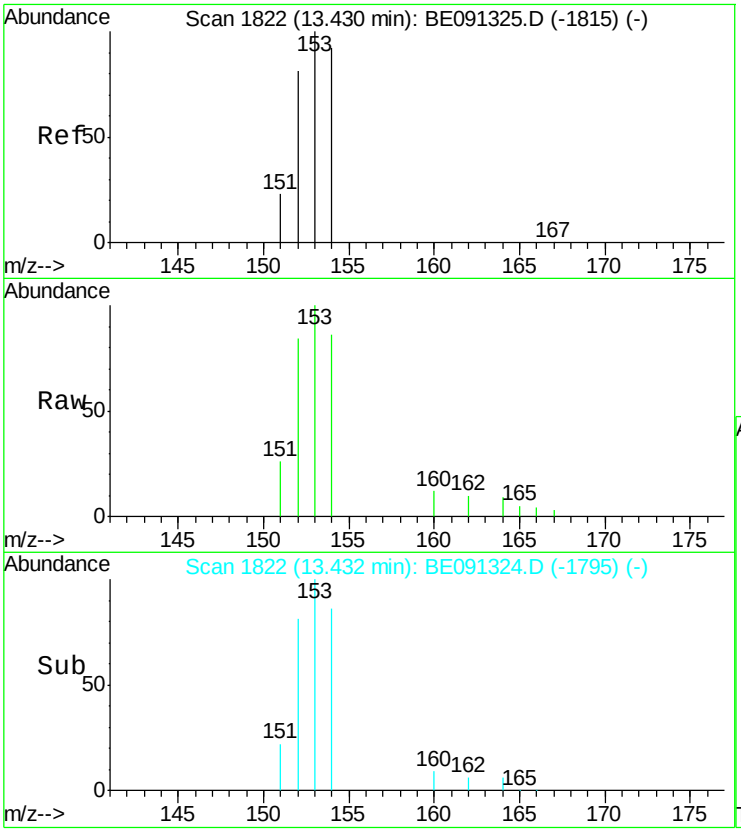


#9
Acenaphthylene
Concen: 0.18 ng/ul
RT: 13.12 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BE091324.D
Acq: 1 Dec 2015 12:57

Tgt Ion:152 Resp: 4014

Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.8	25.2
153	15.1	11.3	16.9



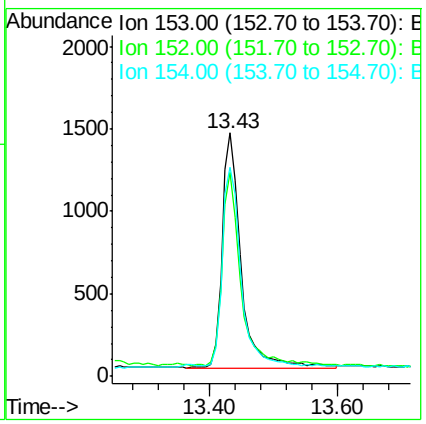


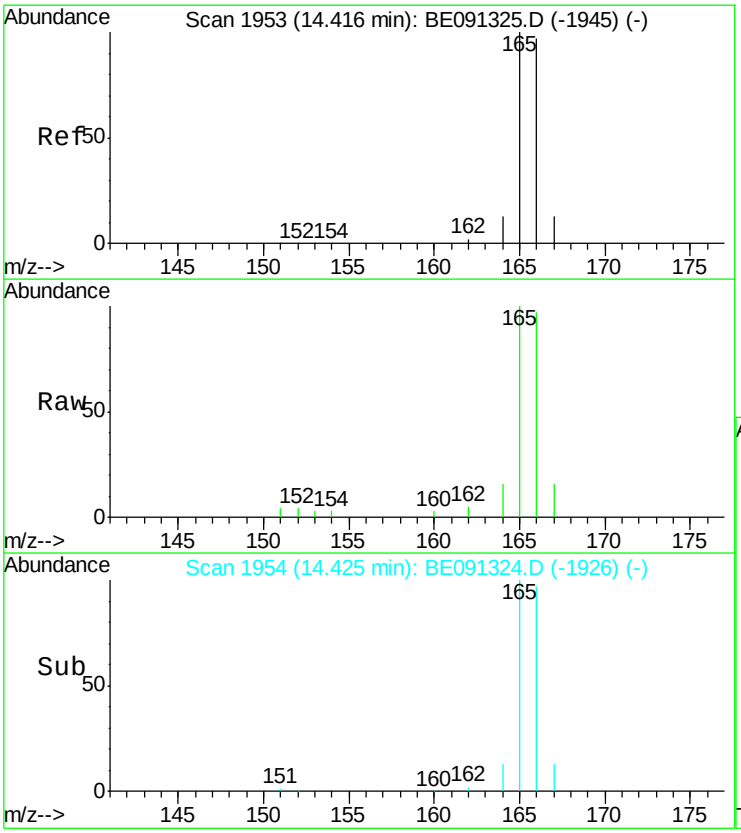
#10
Acenaphthene
Concen: 0.18 ng/ul
RT: 13.43 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BE091324.D
Acq: 1 Dec 2015 12:57

Instrument :
BNA_E
ClientSampleId :
SSTD0.293

Tgt Ion:153 Resp: 2898

Ion	Ratio	Lower	Upper
153	100		
152	83.6	42.3	63.5#
154	85.6	64.7	97.1

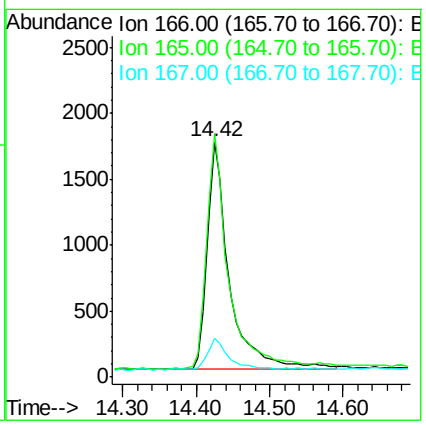


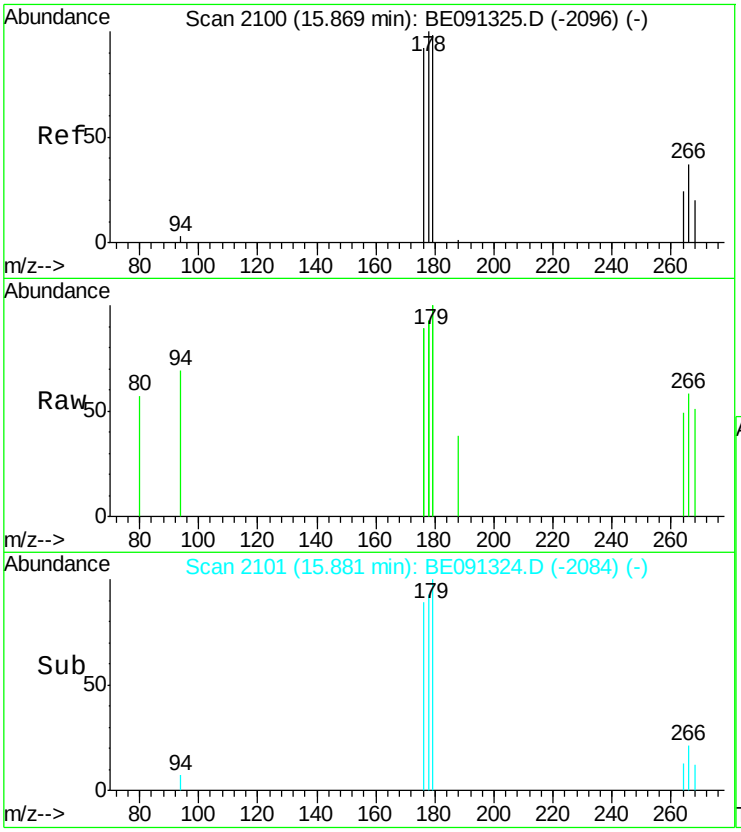


#11
Fluorene
Concen: 0.18 ng/ul
RT: 14.42 min Scan# 1954
Delta R.T. 0.01 min
Lab File: BE091324.D
Acq: 1 Dec 2015 12:57

Tgt Ion:166 Resp: 3698

Ion	Ratio	Lower	Upper
166	100		
165	103.5	87.6	131.4
167	16.5	11.1	16.7



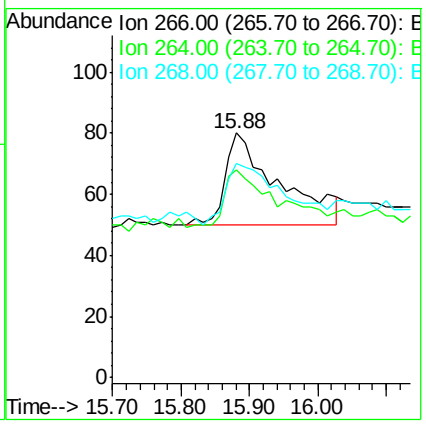


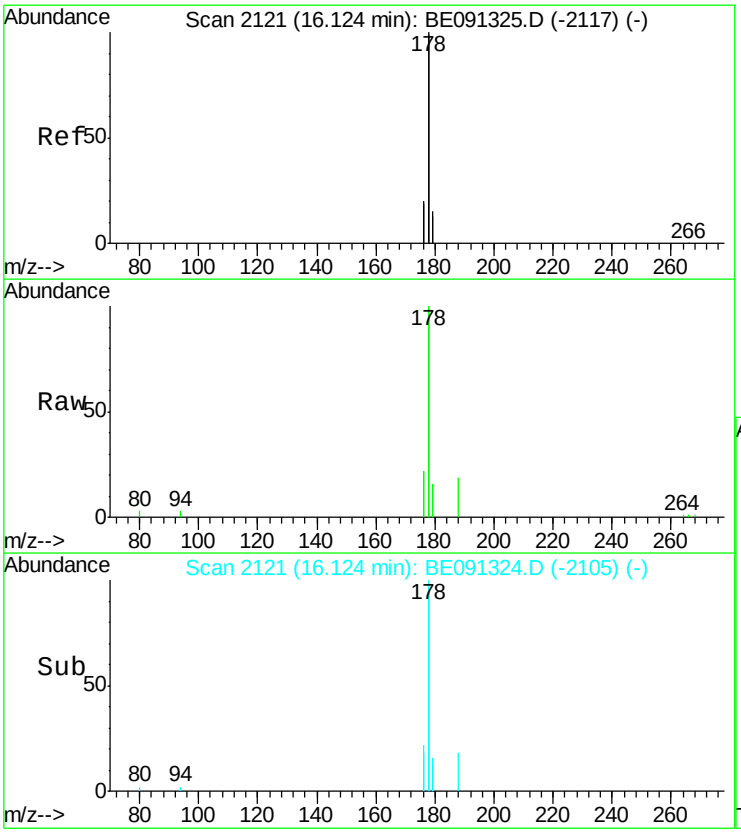
#13
Pentachlorophenol
Concen: 0.13 ng/ul
RT: 15.88 min Scan# 2101
Delta R.T. 0.01 min
Lab File: BE091324.D
Acq: 1 Dec 2015 12:57

Instrument :
BNA_E
ClientSampleId :
SSTD0.293

Tgt Ion:266 Resp: 162

Ion	Ratio	Lower	Upper
266	100		
264	56.8	53.5	80.3
268	73.5	54.2	81.2

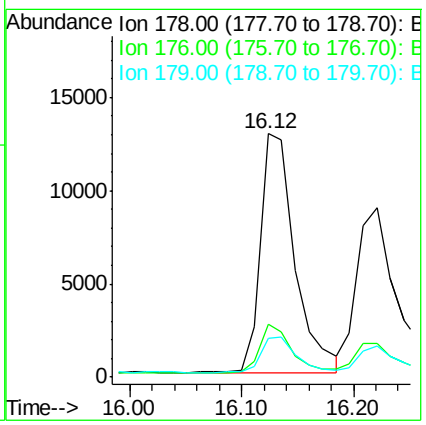


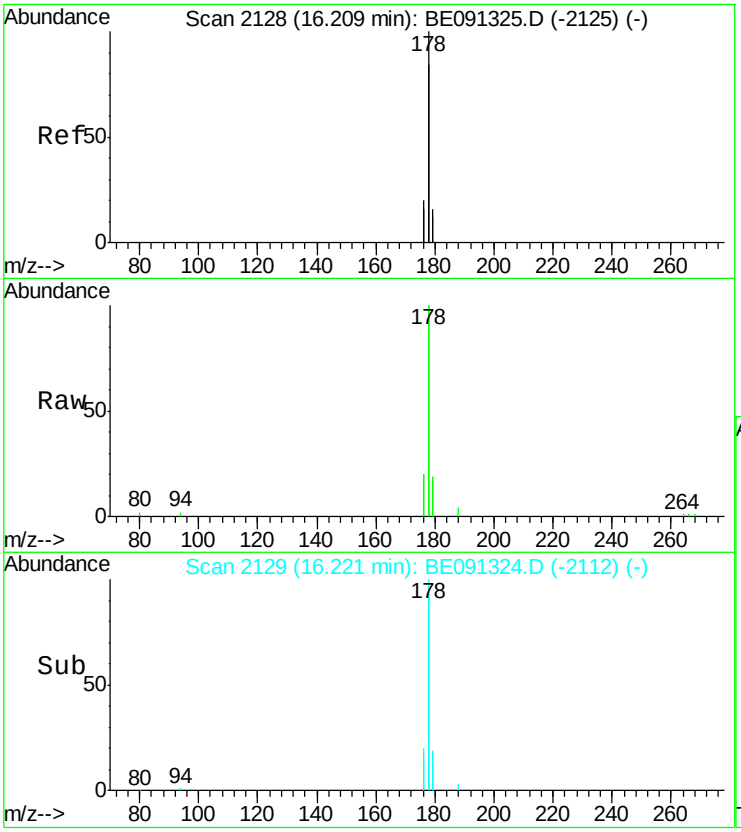


#14
Phenanthrene
Concen: 0.17 ng/ul
RT: 16.12 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BE091324.D
Acq: 1 Dec 2015 12:57

Tgt Ion:178 Resp: 27442

Ion	Ratio	Lower	Upper
178	100		
176	21.8	16.2	24.4
179	16.1	12.8	19.2



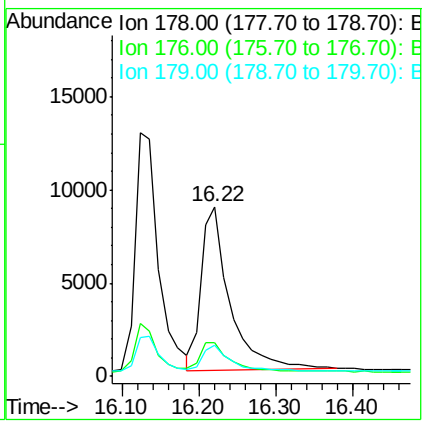


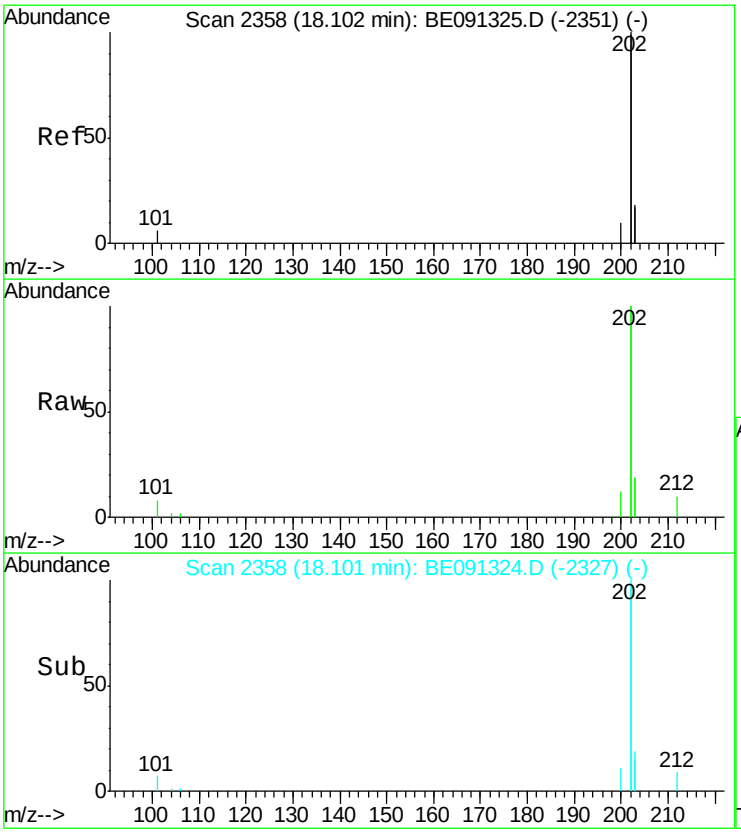
#15
Anthracene
Concen: 0.16 ng/ul
RT: 16.22 min Scan# 2129
Delta R.T. 0.01 min
Lab File: BE091324.D
Acq: 1 Dec 2015 12:57

Instrument :
BNA_E
ClientSampleId :
SSTD0.293

Tgt Ion:178 Resp: 22661

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	18.6	13.3	19.9

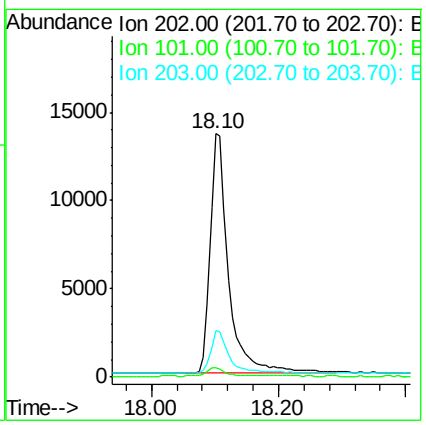


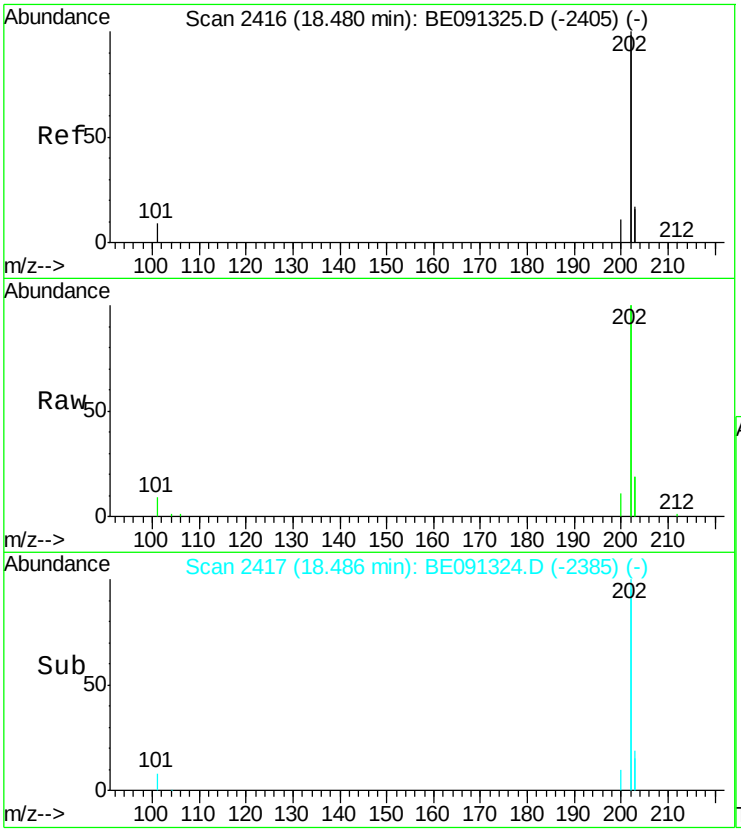


#17
Fluoranthene
Concen: 0.15 ng/ul
RT: 18.10 min Scan# 2358
Delta R.T. -0.00 min
Lab File: BE091324.D
Acq: 1 Dec 2015 12:57

Tgt Ion:202 Resp: 27398

Ion	Ratio	Lower	Upper
202	100		
101	4.0	0.0	33.1
203	18.9	0.0	37.2



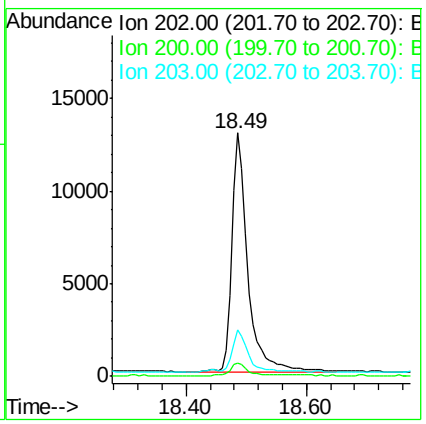


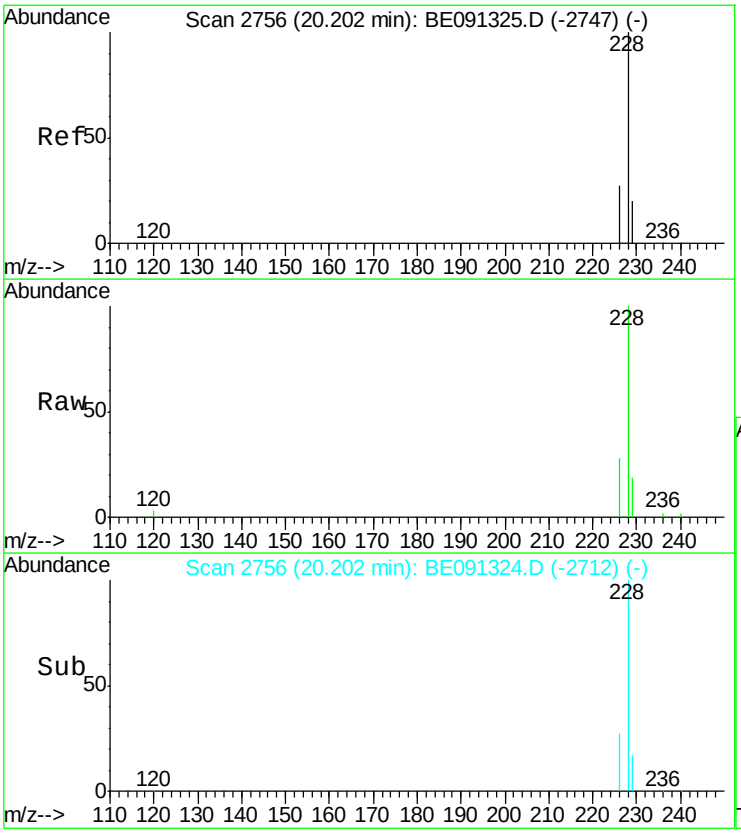
#19
Pyrene
Concen: 0.17 ng/ul
RT: 18.49 min Scan# 2417
Delta R.T. 0.01 min
Lab File: BE091324.D
Acq: 1 Dec 2015 12:57

Instrument :
BNA_E
ClientSampleId :
SSTD0.293

Tgt Ion:202 Resp: 23878

Ion	Ratio	Lower	Upper
202	100		
200	5.6	18.0	27.0#
203	18.9	13.8	20.6

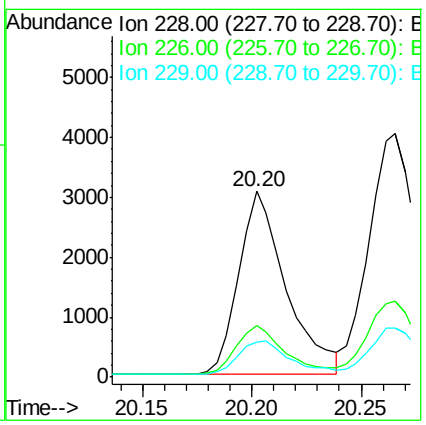


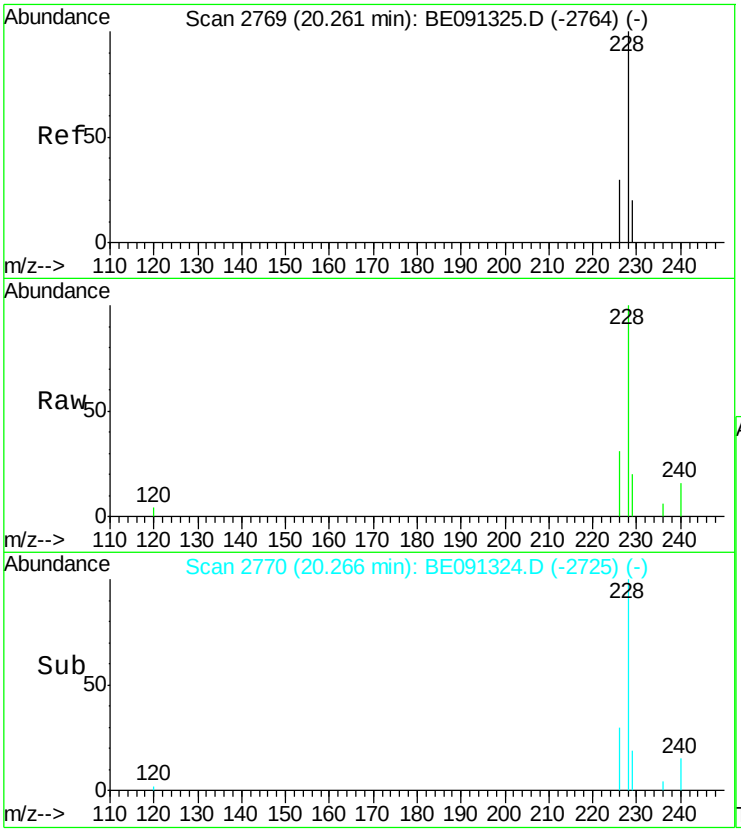


#20
Benzo(a)anthracene
Concen: 0.15 ng/ul
RT: 20.20 min Scan# 2756
Delta R.T. 0.00 min
Lab File: BE091324.D
Acq: 1 Dec 2015 12:57

Tgt Ion:228 Resp: 4585

Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.0	34.4
229	18.6	15.2	22.8



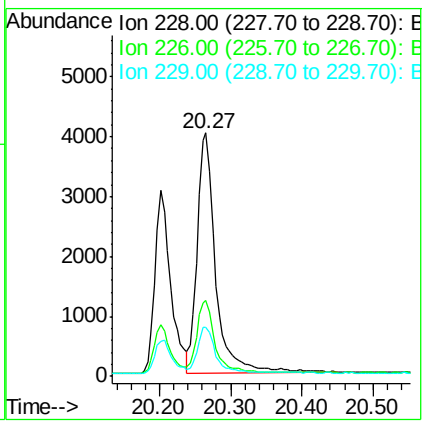


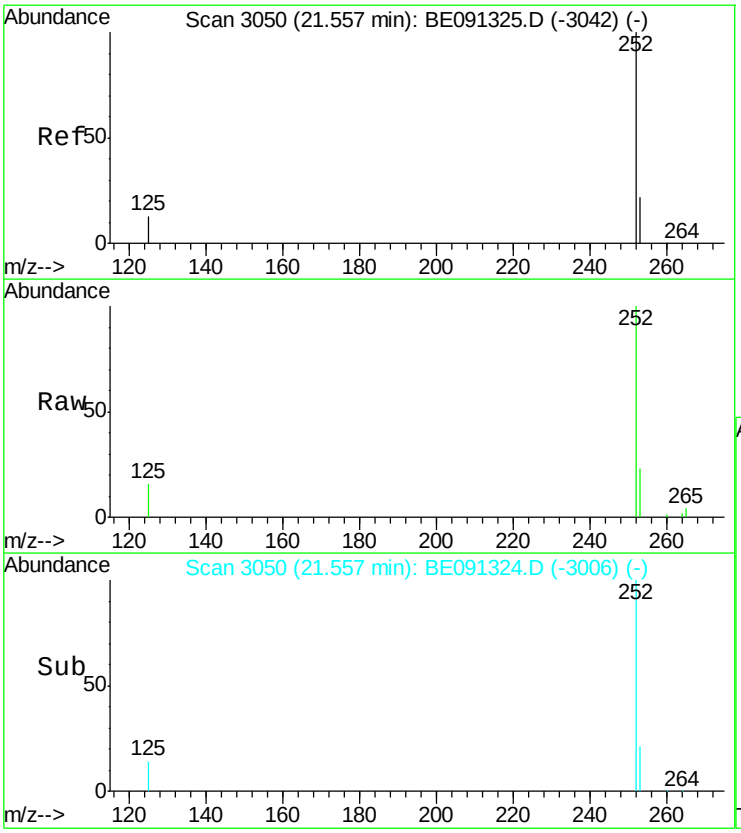
#21
Chrysene
Concen: 0.19 ng/ul
RT: 20.27 min Scan# 2770
Delta R.T. 0.00 min
Lab File: BE091324.D
Acq: 1 Dec 2015 12:57

Instrument :
BNA_E
ClientSampleId :
SSTD0.293

Tgt Ion:228 Resp: 7047

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.7	38.5
229	20.3	15.2	22.8

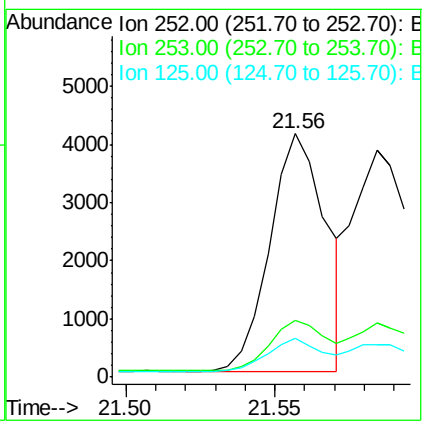


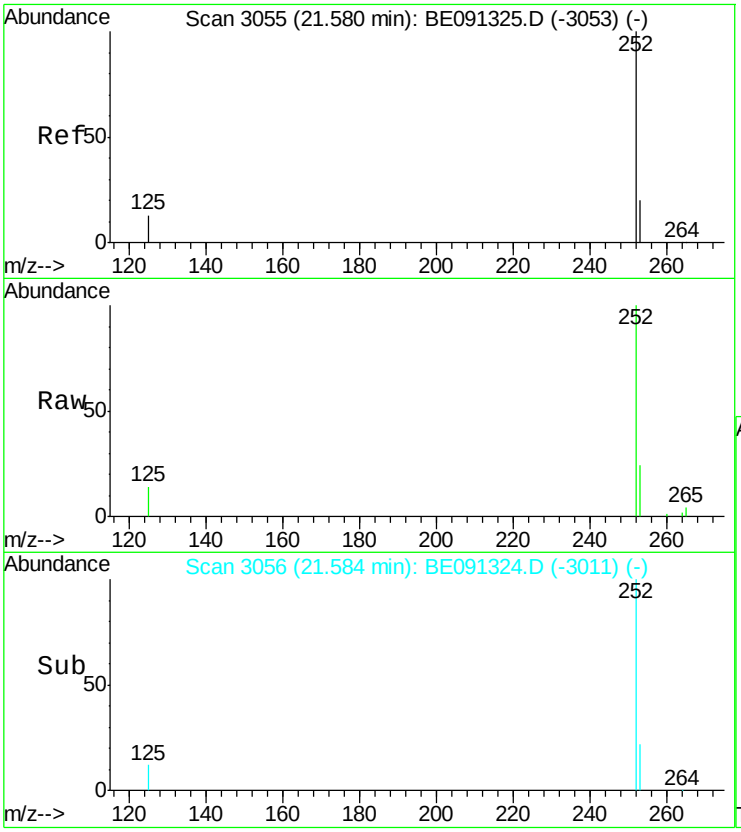


#23
Benzo(b)fluoranthene
Concen: 0.16 ng/ul
RT: 21.56 min Scan# 3050
Delta R.T. -0.00 min
Lab File: BE091324.D
Acq: 1 Dec 2015 12:57

Tgt Ion:252 Resp: 5298

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	48.0
125	15.9	0.0	36.6



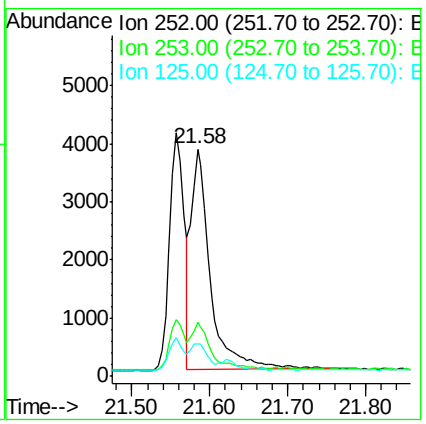


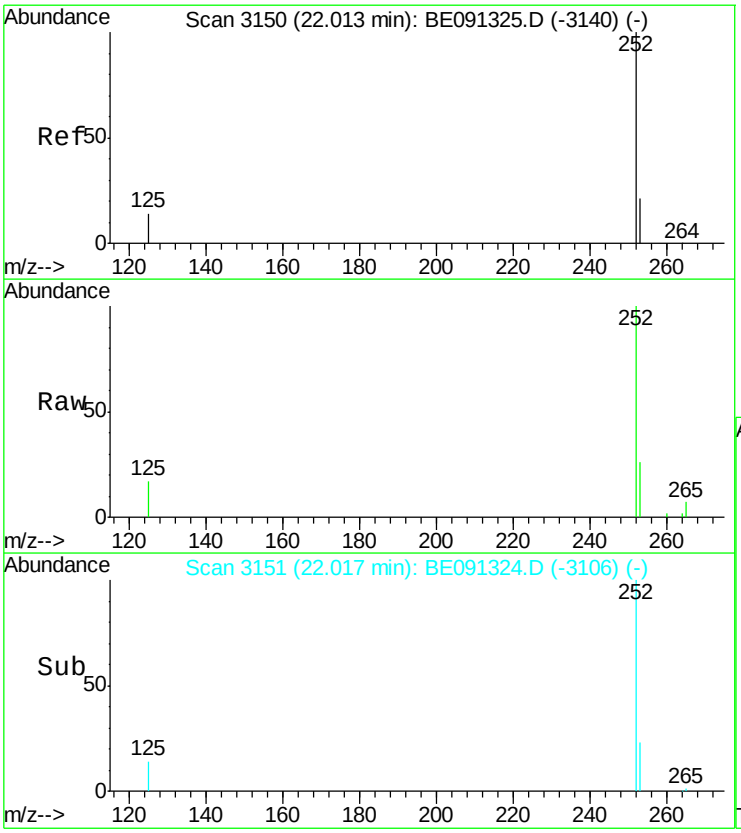
#24
Benzo(k)fluoranthene
Concen: 0.19 ng/ul
RT: 21.58 min Scan# 3056
Delta R.T. 0.00 min
Lab File: BE091324.D
Acq: 1 Dec 2015 12:57

Instrument :
BNA_E
ClientSampleId :
SSTD0.293

Tgt Ion:252 Resp: 6529

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.8	31.2
125	14.1	12.2	18.4

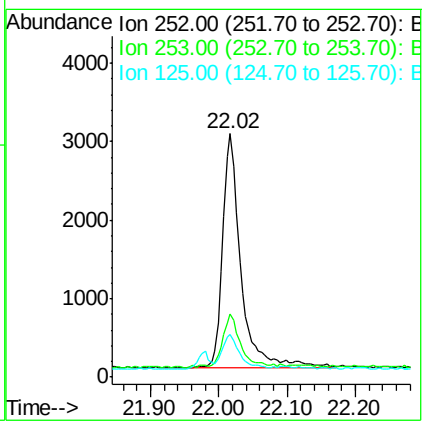


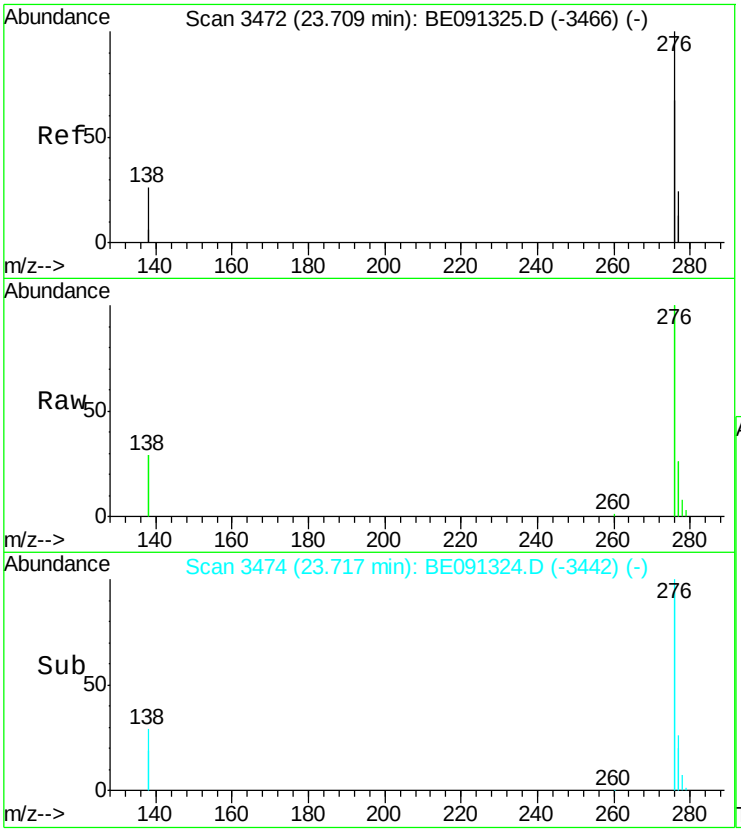


#25
Benzo(a)pyrene
Concen: 0.18 ng/ul
RT: 22.02 min Scan# 3151
Delta R.T. 0.00 min
Lab File: BE091324.D
Acq: 1 Dec 2015 12:57

Tgt Ion:252 Resp: 5608

Ion	Ratio	Lower	Upper
252	100		
253	26.0	21.8	32.8
125	17.5	14.5	21.7



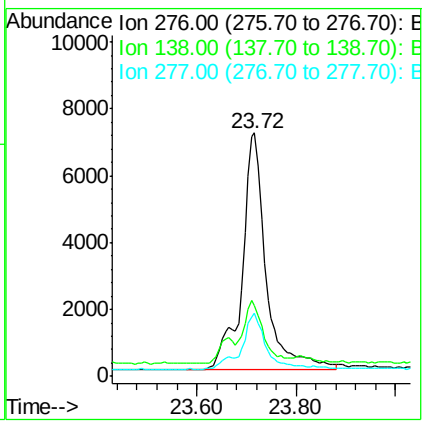


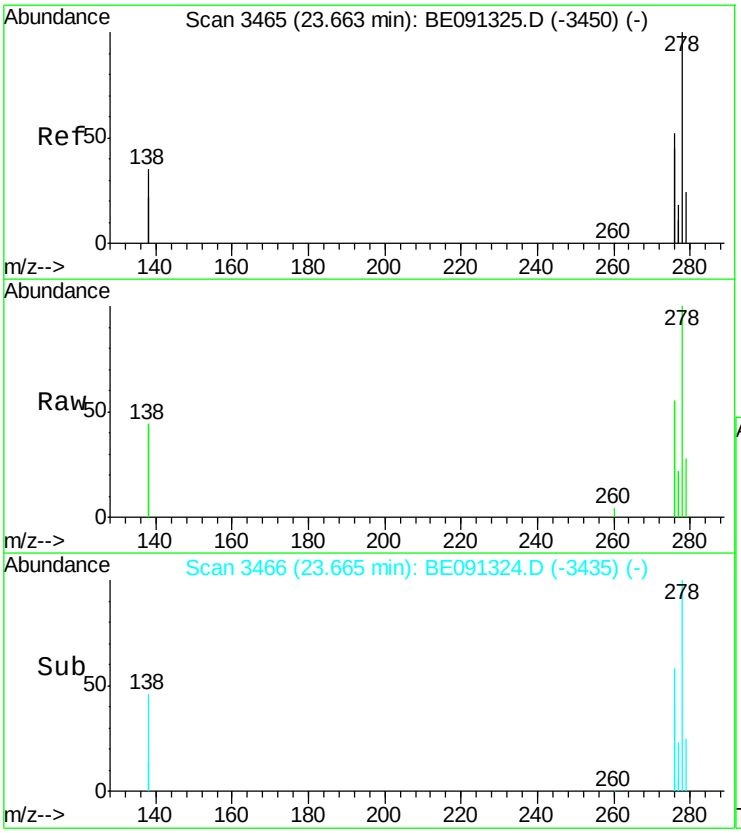
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.19 ng/ul
RT: 23.72 min Scan# 3474
Delta R.T. 0.01 min
Lab File: BE091324.D
Acq: 1 Dec 2015 12:57

Instrument :
BNA_E
ClientSampleId :
SSTD0.293

Tgt Ion:276 Resp: 23482

Ion	Ratio	Lower	Upper
276	100		
138	21.6	27.5	41.3#
277	20.1	19.3	28.9

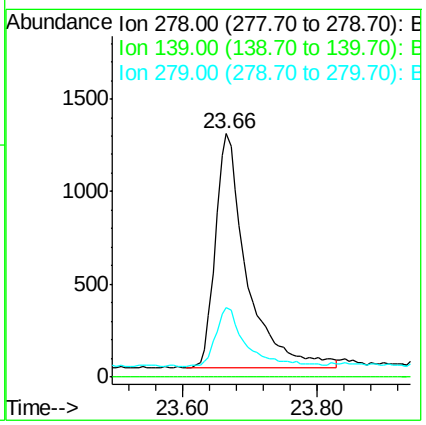


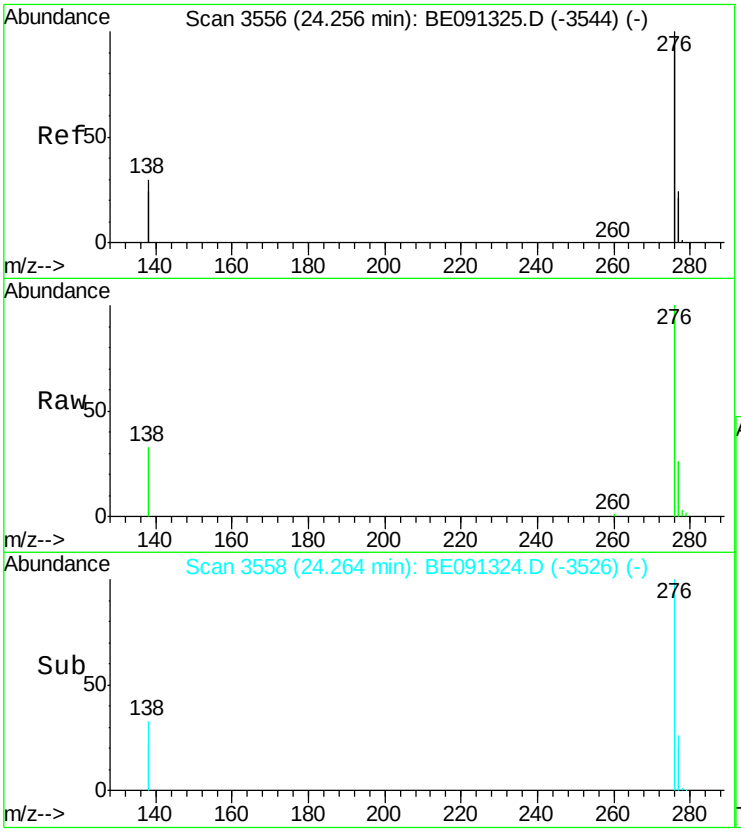


#27
Dibenzo(a,h)anthracene
Concen: 0.14 ng/ul
RT: 23.66 min Scan# 3466
Delta R.T. 0.00 min
Lab File: BE091324.D
Acq: 1 Dec 2015 12:57

Tgt Ion:278 Resp: 4063

Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	28.4	21.9	32.9





#28
Benzo(g,h,i)perylene
Concen: 0.16 ng/ul
RT: 24.26 min Scan# 3558
Delta R.T. 0.01 min
Lab File: BE091324.D
Acq: 1 Dec 2015 12:57

Instrument :
BNA_E
ClientSampleId :
SSTD0.293

Tgt Ion:276 Resp: 21750

Ion	Ratio	Lower	Upper
276	100		
277	25.6	21.3	31.9
138	32.8	25.5	38.3