Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112115\
Data File : BE091262.D
Acq On : 21 Nov 2015 2:38
Operator : UM/NP
Sample : G4310-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : D9KN3

Quant Time: Nov 21 04:55:50 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 04:53:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	2882	0.40	ng/ul	-0.03
4) Naphthalene-d8	9.55	136	13170	0.40	ng/ul	-0.02
8) Acenaphthene-d10	13.36	164	6742	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.16	188	1279303	0.40	ng/ul	0.06
18) Chrysene-d12	20.23	240	18135	0.40	ng/ul	0.00
22) Perylene-d12	21.99	264	1593155	0.40	ng/ul	-0.13
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.93	96	21791	10.51	ng/uL	-0.04
6) 2-Methylnaphthalene-d10	11.06	152	5431	0.30	ng/ul	0.00
16) Fluoranthene-d10	18.07	212	15242	0.00	ng/ul	0.00
Target Compounds						Qvalue
3) 1,4-Dioxane	3.06	88	32	0.01	ng/ul#	69
5) Naphthalene	9.59	128	697	0.02	ng/ul#	40
7) 2-Methylnaphthalene	11.19	142	7	0.00	ng/ul	87
9) Acenaphthylene	13.11	152	350	0.01	ng/ul#	29
10) Acenaphthene	13.42	153	59	0.00	ng/ul#	65
11) Fluorene	14.41	166	307	0.01	ng/ul#	82
13) Pentachlorophenol	15.86	266	286	0.00	ng/ul#	85
14) Phenanthrene	16.20	178	7363	0.00	ng/ul#	70
15) Anthracene	16.11	178	10050	0.00	ng/ul	94
17) Fluoranthene	18.10	202	9908	0.00	ng/ul	86
19) Pyrene	18.47	202	10888	0.05	ng/ul#	66
20) Benzo(a)anthracene	20.20	228	2092	0.04	ng/ul#	94
21) Chrysene	20.26	228	2148	0.04	ng/ul#	91
23) Benzo(b)fluoranthene	21.56	252	1542	0.00	ng/ul	80
24) Benzo(k)fluoranthene	21.50	252	57	0.00	ng/ul#	1
25) Benzo(a)pyrene	21.98	252	7841	0.00	ng/ul#	45
26) Indeno(1,2,3-cd)pyrene	23.55	276	278	0.00	ng/ul#	45
27) Dibenzo(a,h)anthracene	23.45	278	77	0.00	ng/ul#	13
28) Benzo(g,h,i)perylene	24.27	276	5480	0.00	ng/ul#	74

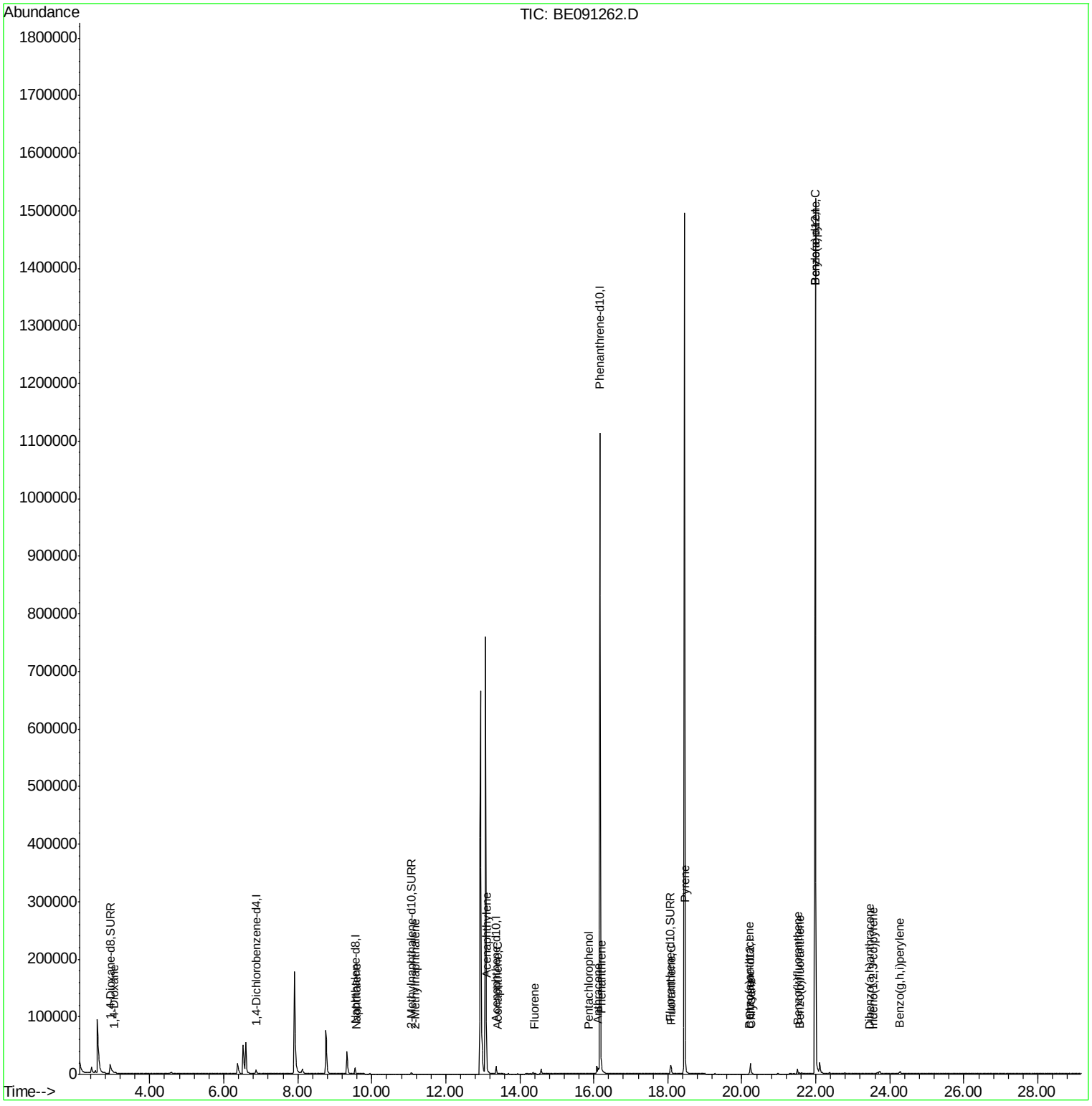
(#) = qualifier out of range (m) = manual integration (+) = signals summed

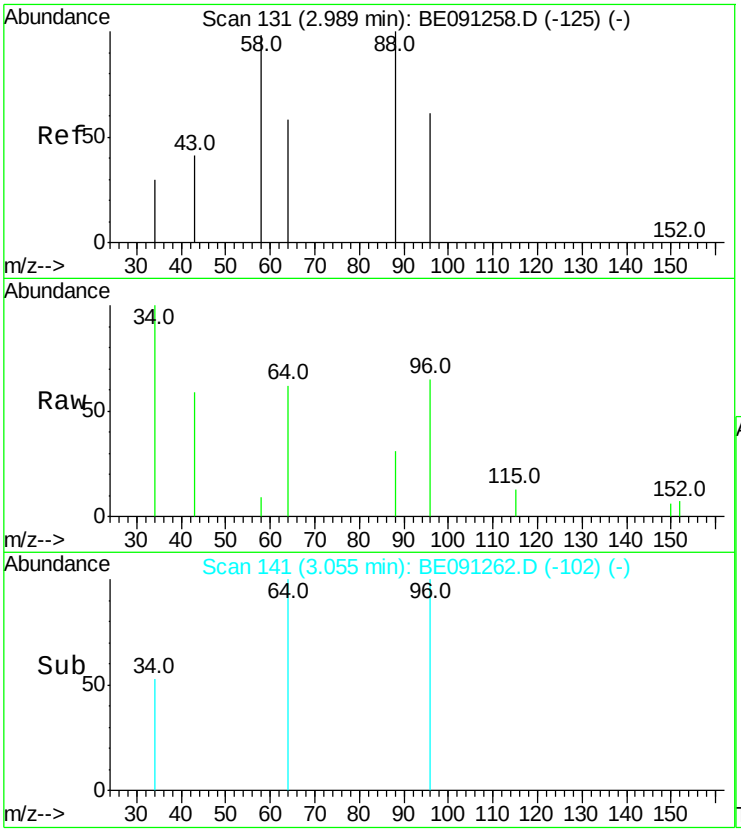
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112115\
Data File : BE091262.D
Acq On : 21 Nov 2015 2:38
Operator : UM/NP
Sample : G4310-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
D9KN3

Quant Time: Nov 21 04:55:50 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 04:53:50 2015
Response via : Initial Calibration



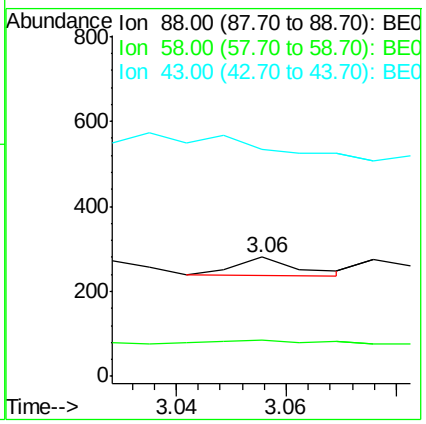


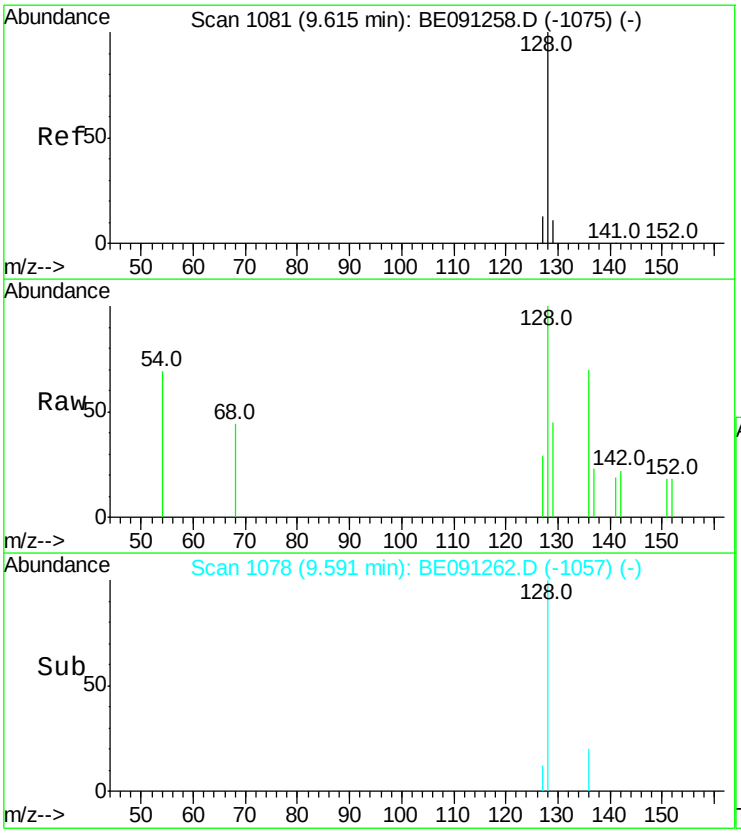
#3
1,4-Dioxane
Concen: 0.01 ng/ul
RT: 3.06 min Scan# 141
Delta R.T. 0.07 min
Lab File: BE091262.D
Acq: 21 Nov 2015 2:38

Instrument :
BNA_E
ClientSampleId :
D9KN3

Tgt Ion: 88 Resp: 32

Ion	Ratio	Lower	Upper
88	100		
58	53.1	55.4	83.2#
43	0.0	24.2	36.2#

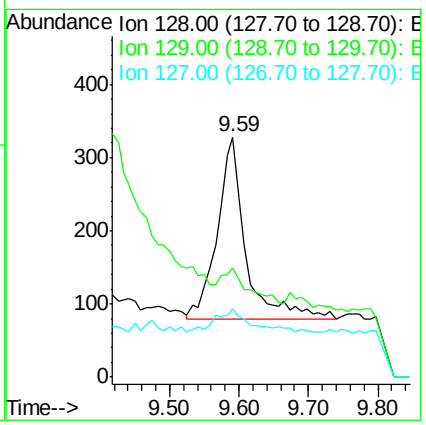


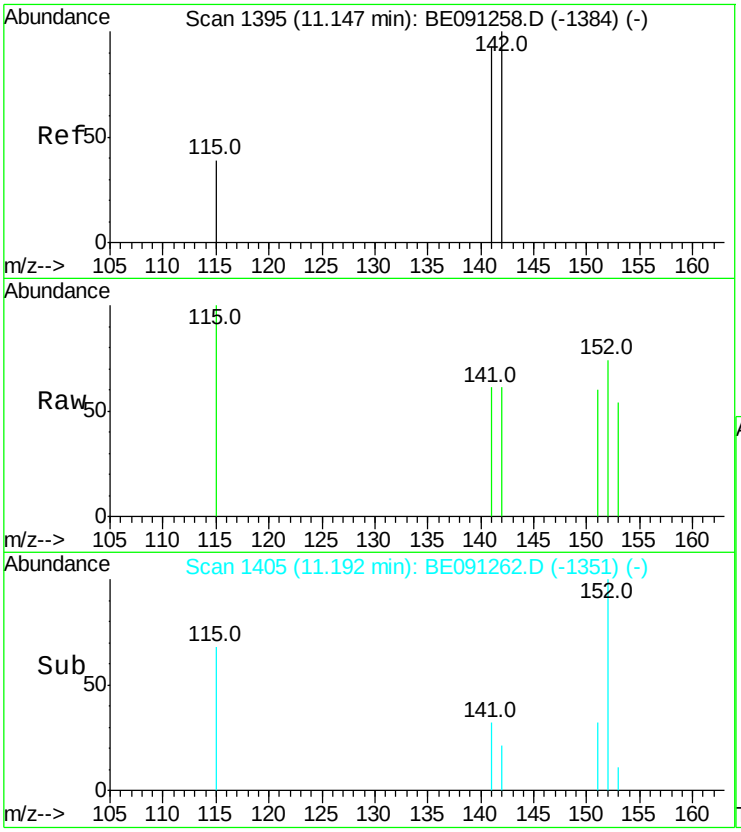


#5
Naphthalene
Concen: 0.02 ng/ul
RT: 9.59 min Scan# 1078
Delta R.T. -0.02 min
Lab File: BE091262.D
Acq: 21 Nov 2015 2:38

Tgt Ion:128 Resp: 697

Ion	Ratio	Lower	Upper
128	100		
129	45.4	9.8	14.8#
127	28.7	10.7	16.1#



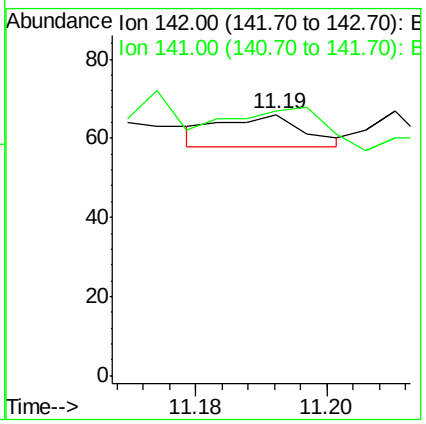


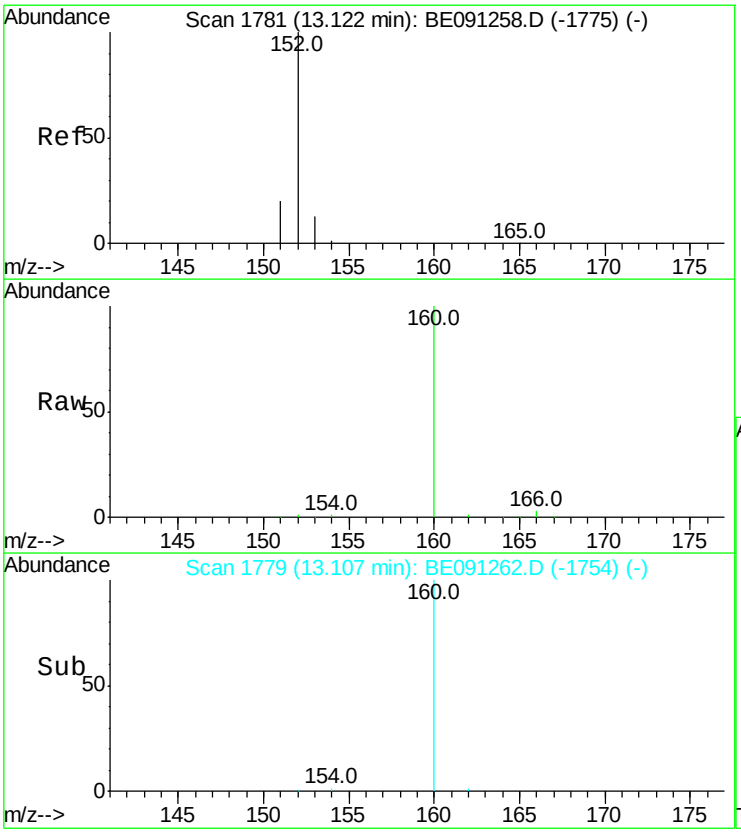
#7
2-Methylnaphthalene
Concen: 0.00 ng/ul
RT: 11.19 min Scan# 1405
Delta R.T. 0.05 min
Lab File: BE091262.D
Acq: 21 Nov 2015 2:38

Instrument :
BNA_E
ClientSampleId :
D9KN3

Tgt Ion:142 Resp: 7

Ion	Ratio	Lower	Upper
142	100		
141	100.0	70.3	105.5

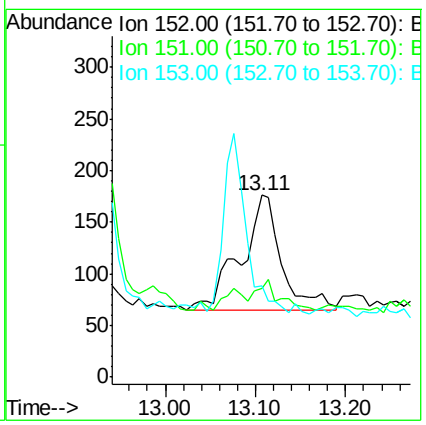


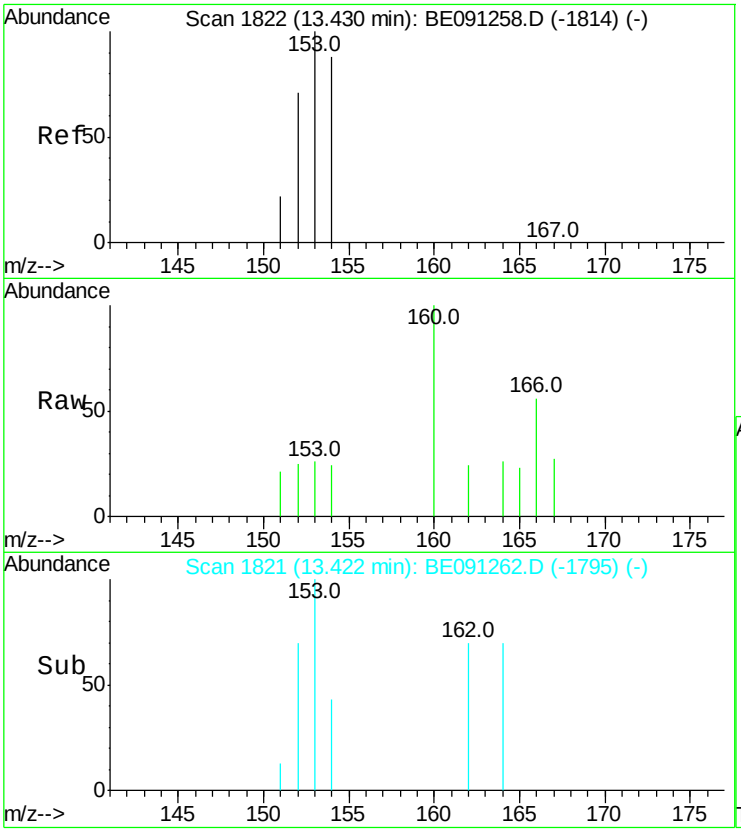


#9
Acenaphthylene
Concen: 0.01 ng/ul
RT: 13.11 min Scan# 1779
Delta R.T. -0.02 min
Lab File: BE091262.D
Acq: 21 Nov 2015 2:38

Tgt Ion:152 Resp: 350

Ion	Ratio	Lower	Upper
152	100		
151	48.9	16.8	25.2#
153	50.0	11.3	16.9#



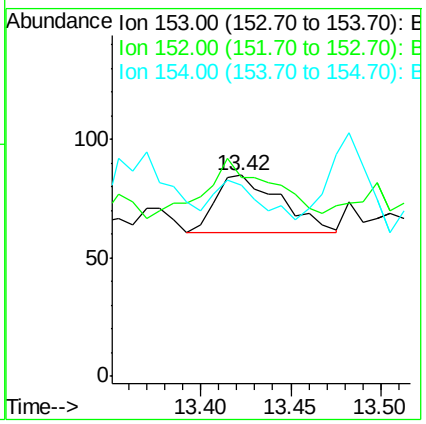


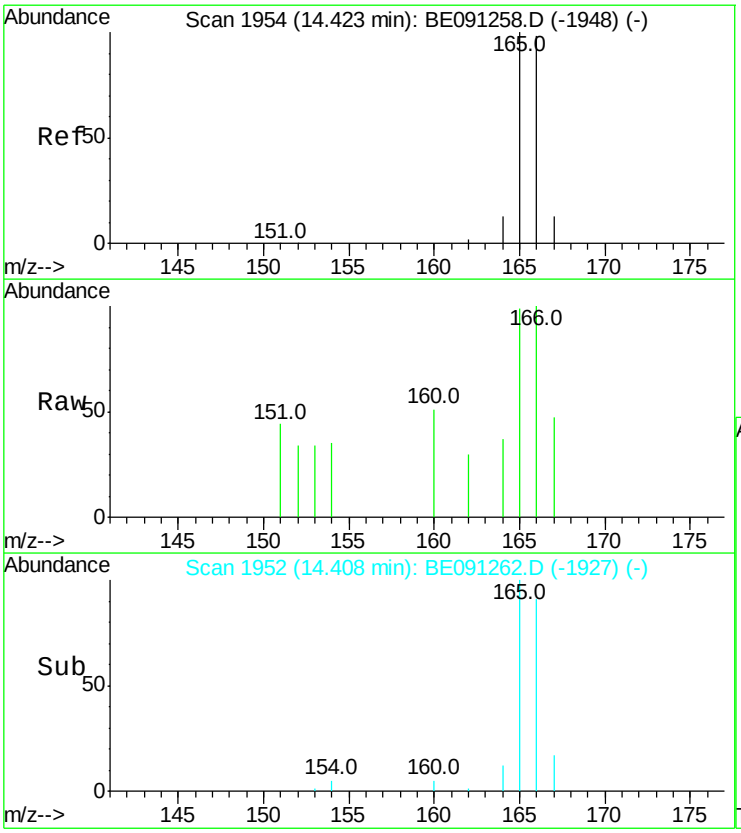
#10
Acenaphthene
Concen: 0.00 ng/ul
RT: 13.42 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BE091262.D
Acq: 21 Nov 2015 2:38

Instrument :
BNA_E
ClientSampleId :
D9KN3

Tgt Ion:153 Resp: 59

Ion	Ratio	Lower	Upper
153	100		
152	98.8	42.3	63.5#
154	95.3	64.7	97.1

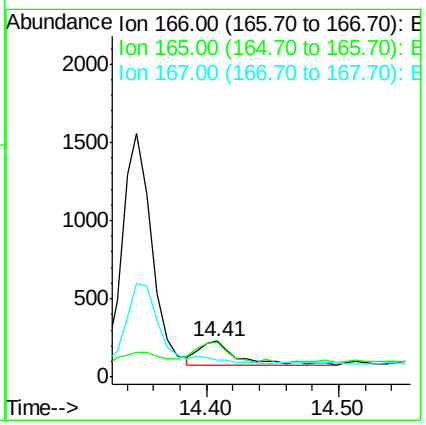


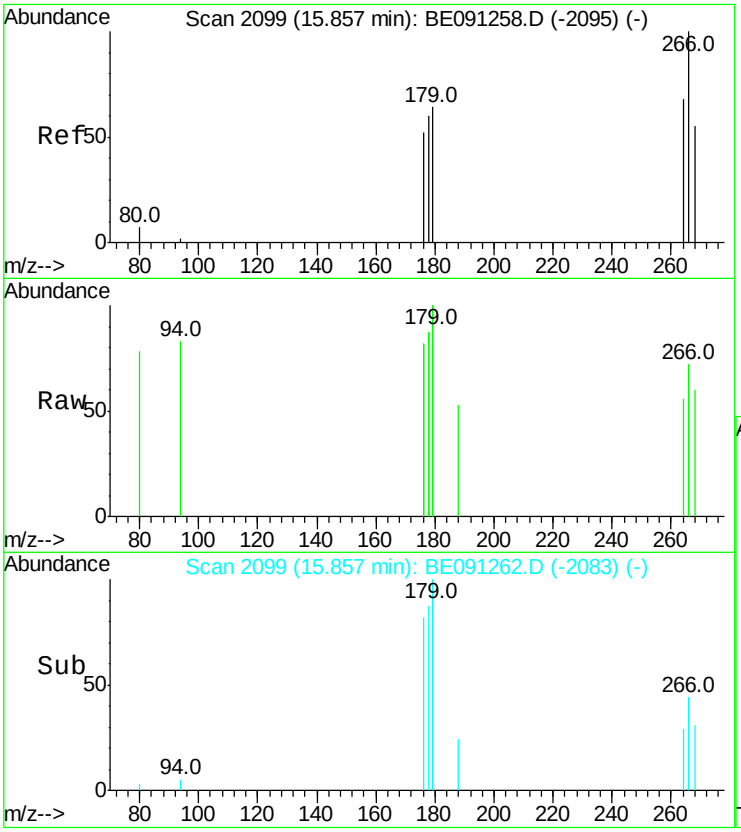


#11
Fluorene
Concen: 0.01 ng/ul
RT: 14.41 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BE091262.D
Acq: 21 Nov 2015 2:38

Tgt Ion:166 Resp: 307

Ion	Ratio	Lower	Upper
166	100		
165	99.1	87.6	131.4
167	46.7	11.1	16.7#



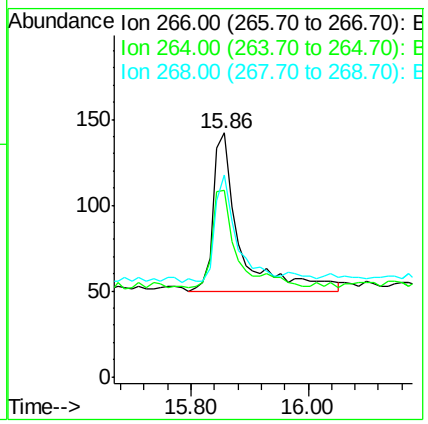


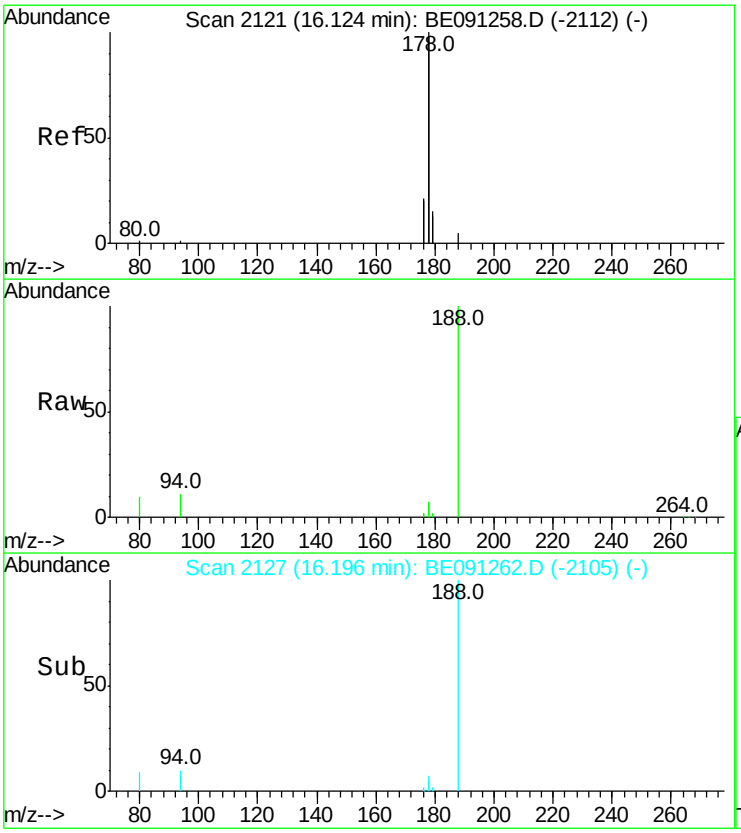
#13
Pentachlorophenol
Concen: 0.00 ng/ul
RT: 15.86 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BE091262.D
Acq: 21 Nov 2015 2:38

Instrument :
BNA_E
ClientSampleId :
D9KN3

Tgt Ion:266 Resp: 286

Ion	Ratio	Lower	Upper
266	100		
264	57.3	53.5	80.3
268	53.1	54.2	81.2#

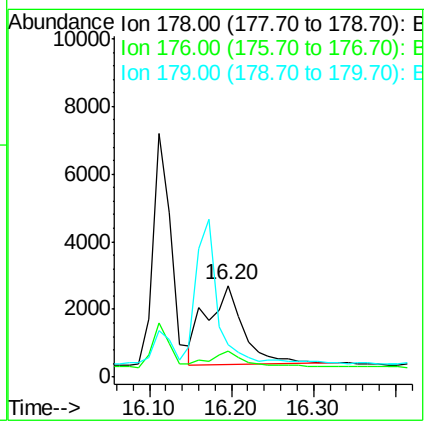


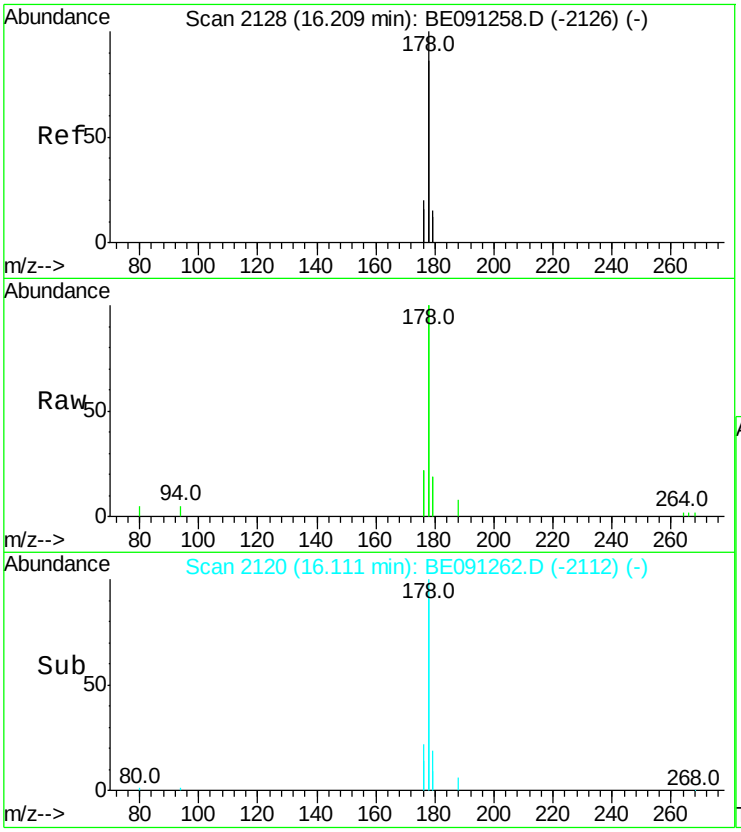


#14
Phenanthrene
Concen: 0.00 ng/ul
RT: 16.20 min Scan# 2127
Delta R.T. 0.07 min
Lab File: BE091262.D
Acq: 21 Nov 2015 2:38

Tgt Ion:178 Resp: 7363

Ion	Ratio	Lower	Upper
178	100		
176	27.8	16.2	24.4#
179	35.7	12.8	19.2#



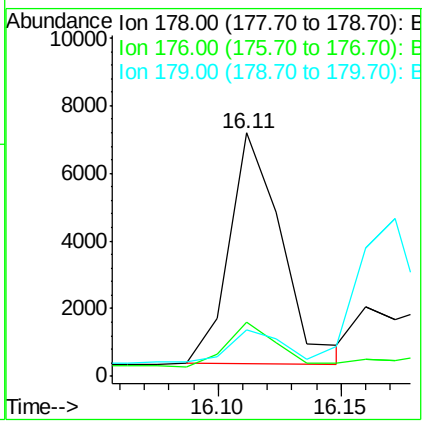


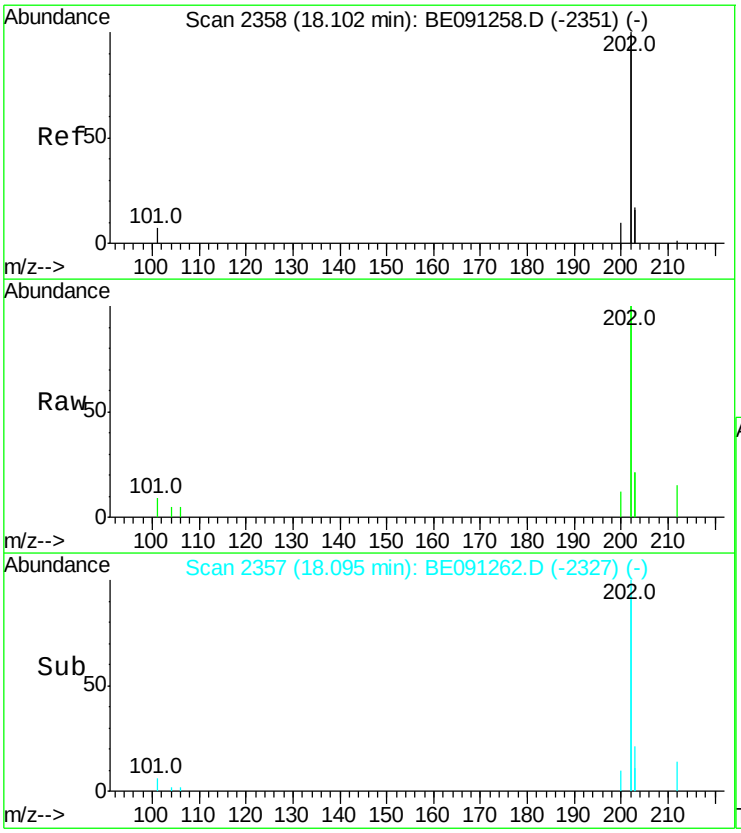
#15
Anthracene
Concen: 0.00 ng/ul
RT: 16.11 min Scan# 2120
Delta R.T. -0.10 min
Lab File: BE091262.D
Acq: 21 Nov 2015 2:38

Instrument :
BNA_E
ClientSampleId :
D9KN3

Tgt Ion:178 Resp: 10050

Ion	Ratio	Lower	Upper
178	100		
176	22.5	15.8	23.8
179	19.3	13.3	19.9

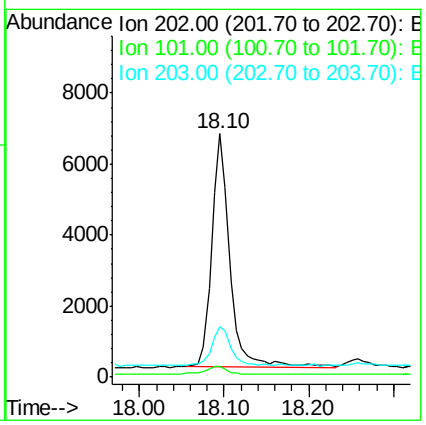


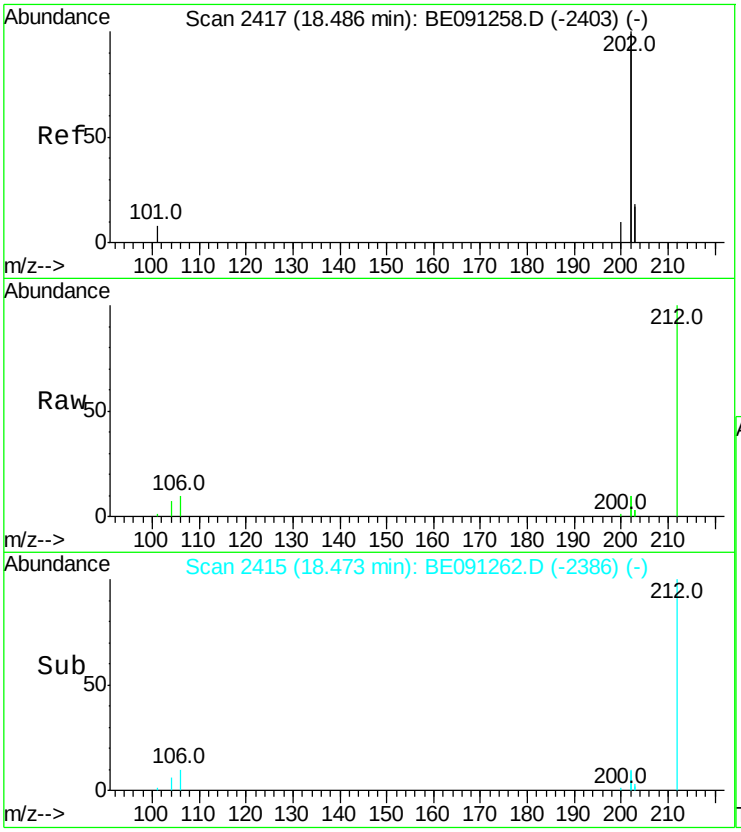


#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 18.10 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BE091262.D
Acq: 21 Nov 2015 2:38

Tgt Ion:202 Resp: 9908

Ion	Ratio	Lower	Upper
202	100		
101	4.4	0.0	33.1
203	20.7	0.0	37.2



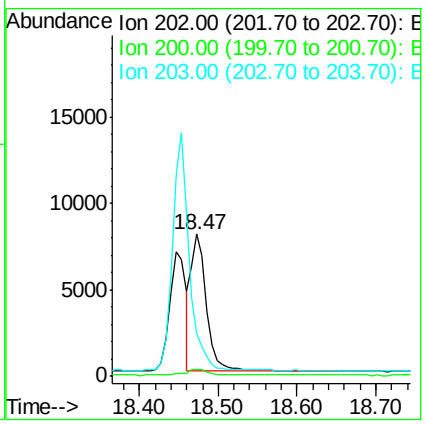


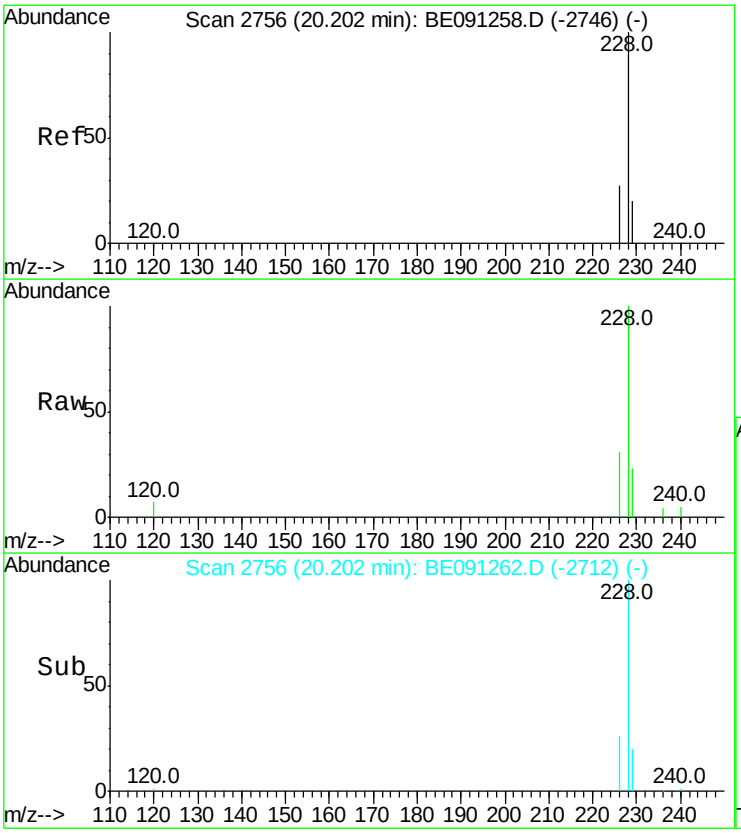
#19
Pyrene
Concen: 0.05 ng/ul
RT: 18.47 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BE091262.D
Acq: 21 Nov 2015 2:38

Instrument :
BNA_E
ClientSampleId :
D9KN3

Tgt Ion:202 Resp: 10888

Ion	Ratio	Lower	Upper
202	100		
200	5.2	18.0	27.0#
203	30.5	13.8	20.6#

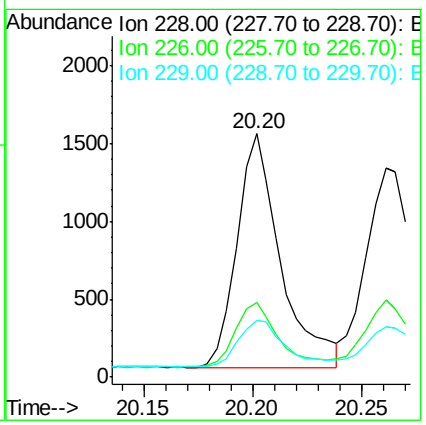


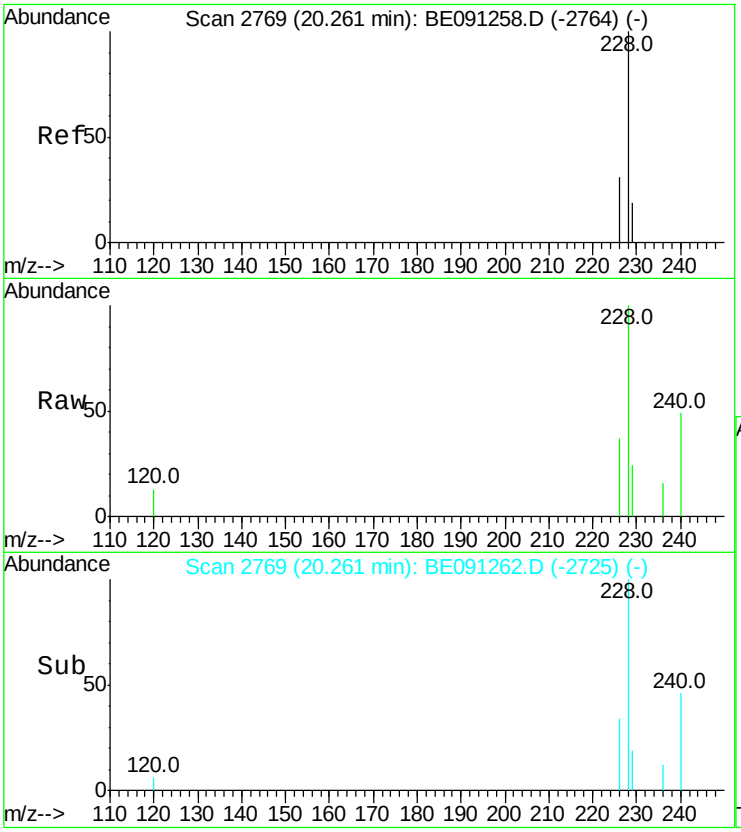


#20
Benzo(a)anthracene
Concen: 0.04 ng/ul
RT: 20.20 min Scan# 2756
Delta R.T. -0.00 min
Lab File: BE091262.D
Acq: 21 Nov 2015 2:38

Tgt Ion:228 Resp: 2092

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.0	34.4
229	23.4	15.2	22.8#



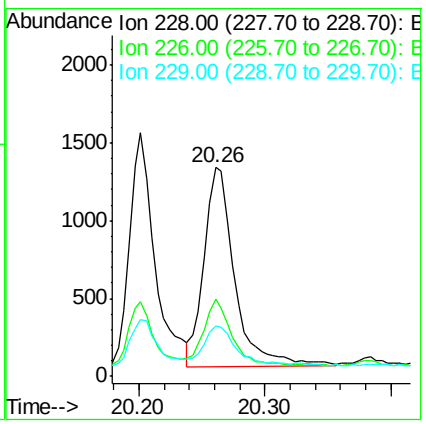


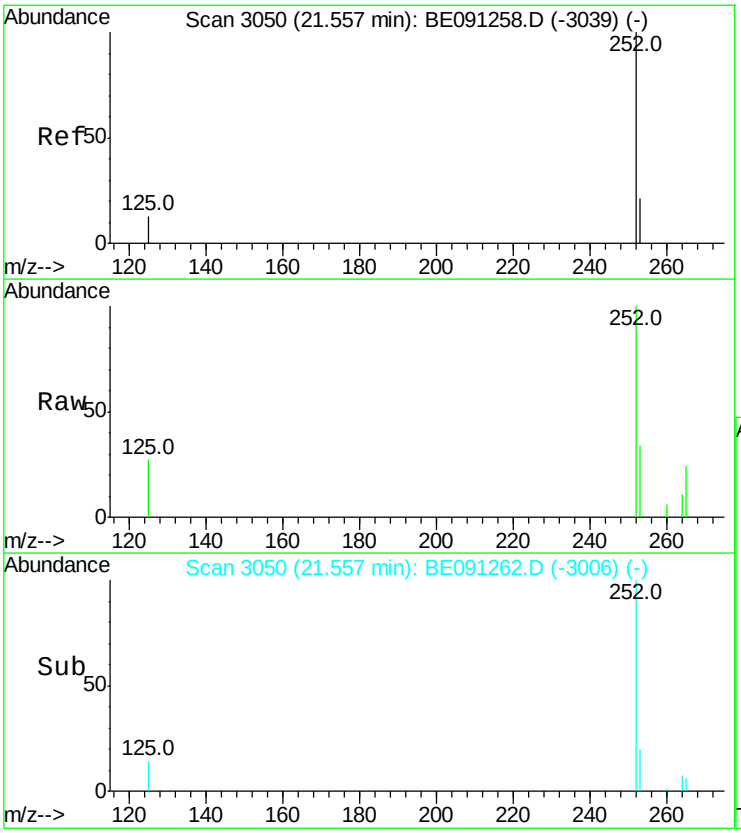
#21
Chrysene
Concen: 0.04 ng/ul
RT: 20.26 min Scan# 2769
Delta R.T. 0.00 min
Lab File: BE091262.D
Acq: 21 Nov 2015 2:38

Instrument :
BNA_E
ClientSampleId :
D9KN3

Tgt Ion:228 Resp: 2148

Ion	Ratio	Lower	Upper
228	100		
226	36.9	25.7	38.5
229	23.9	15.2	22.8#

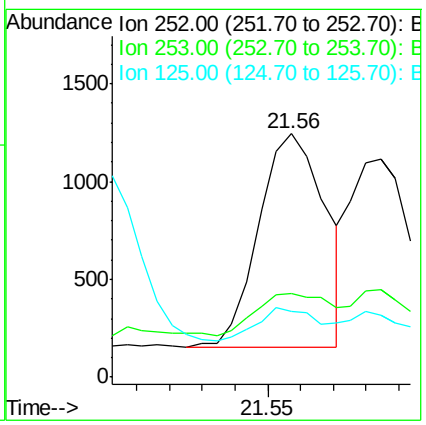


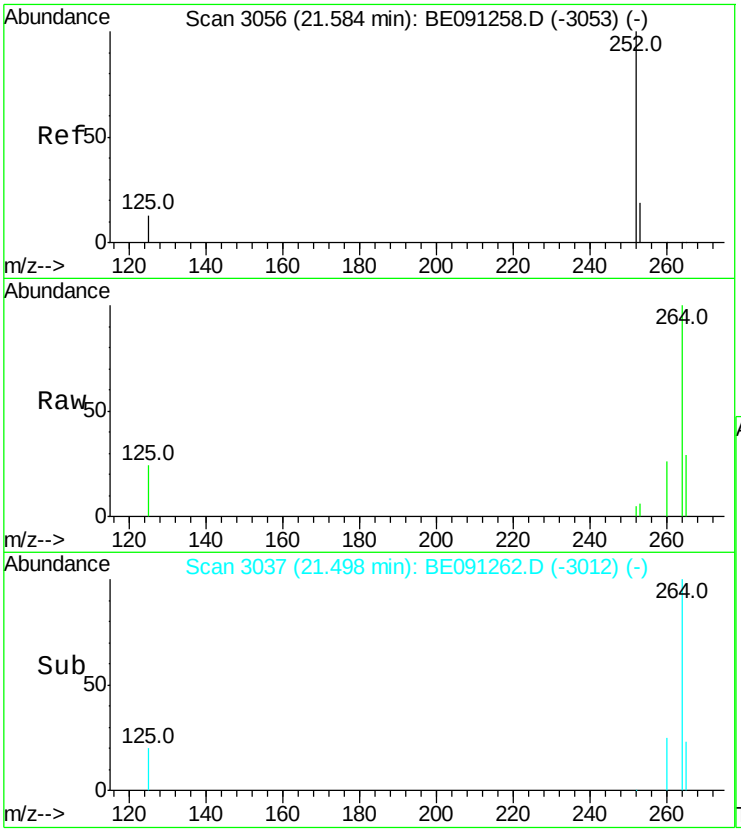


#23
Benzo(b)fluoranthene
Concen: 0.00 ng/ul
RT: 21.56 min Scan# 3050
Delta R.T. 0.00 min
Lab File: BE091262.D
Acq: 21 Nov 2015 2:38

Tgt Ion:252 Resp: 1542

Ion	Ratio	Lower	Upper
252	100		
253	34.3	0.0	48.0
125	26.9	0.0	36.6



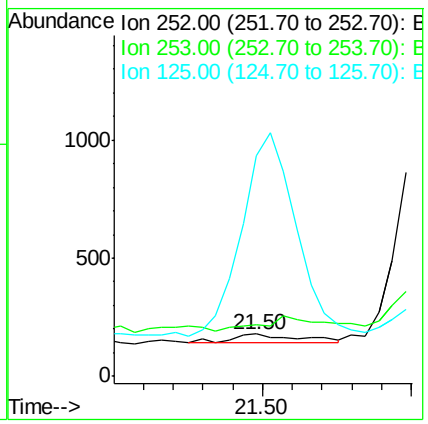


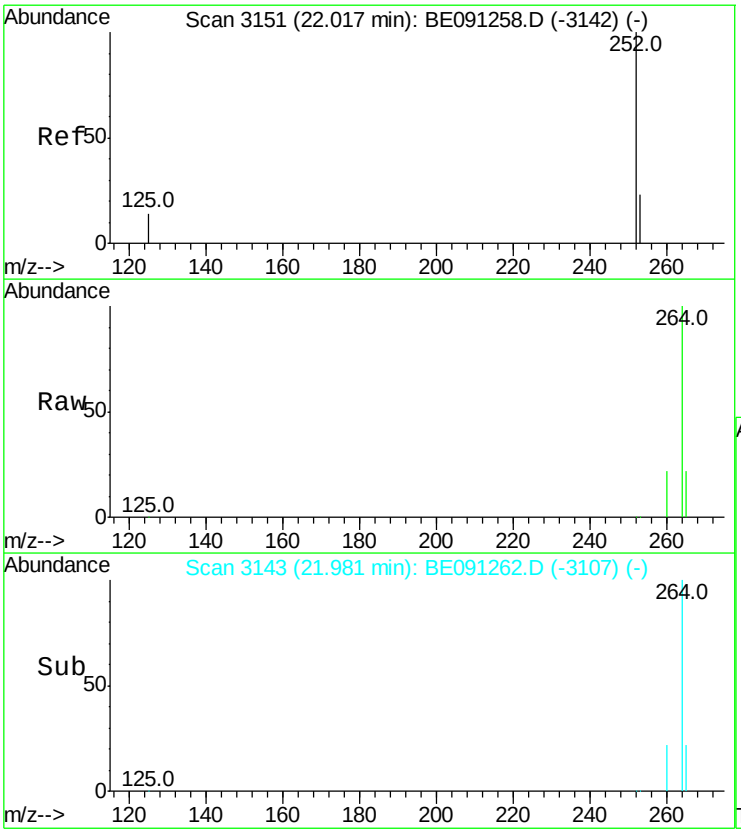
#24
Benzo(k)fluoranthene
Concen: 0.00 ng/ul
RT: 21.50 min Scan# 3037
Delta R.T. -0.09 min
Lab File: BE091262.D
Acq: 21 Nov 2015 2:38

Instrument :
BNA_E
ClientSampleId :
D9KN3

Tgt Ion:252 Resp: 57

Ion	Ratio	Lower	Upper
252	100		
253	120.7	20.8	31.2#
125	522.3	12.2	18.4#

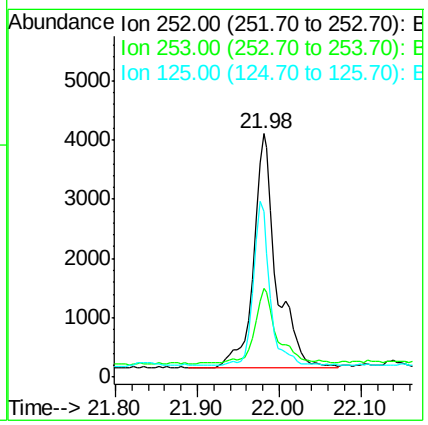


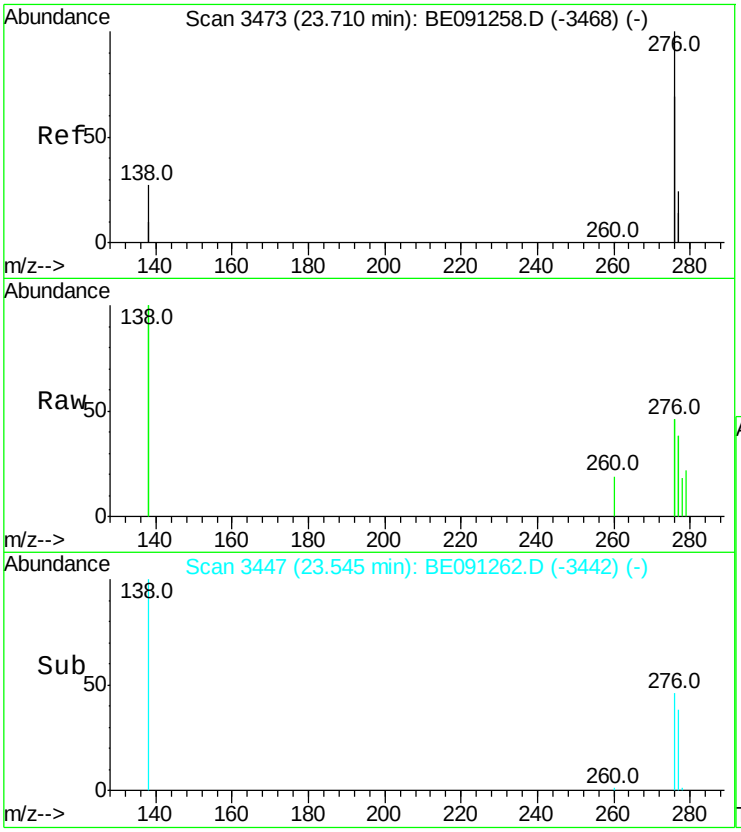


#25
Benzo(a)pyrene
Concen: 0.00 ng/ul
RT: 21.98 min Scan# 3143
Delta R.T. -0.04 min
Lab File: BE091262.D
Acq: 21 Nov 2015 2:38

Tgt Ion:252 Resp: 7841

Ion	Ratio	Lower	Upper
252	100		
253	36.2	21.8	32.8#
125	68.2	14.5	21.7#



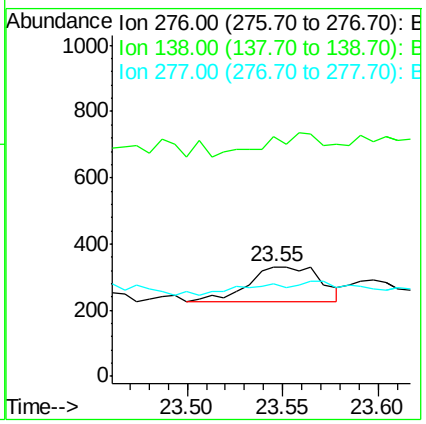


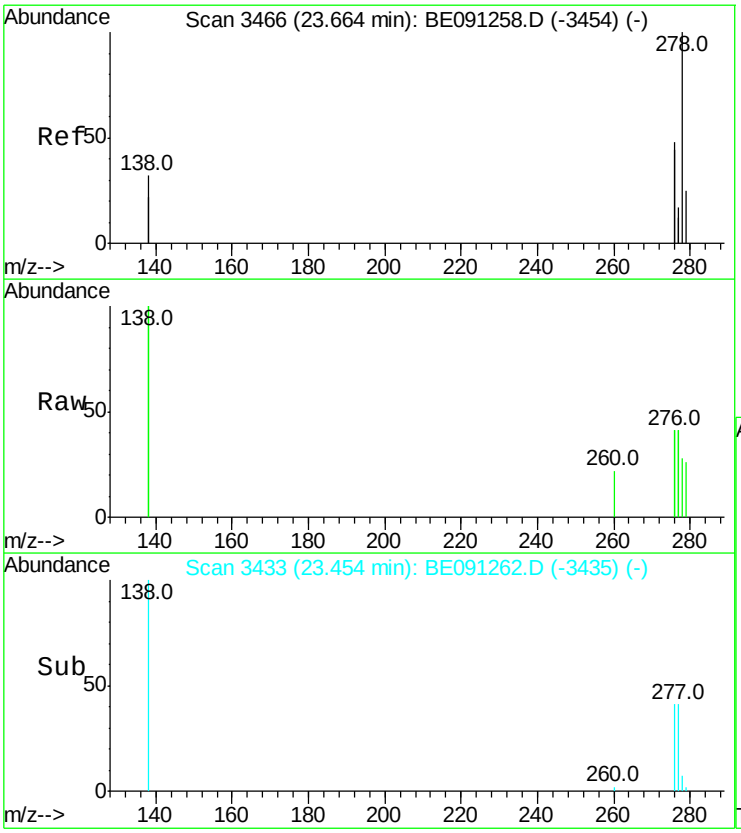
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 23.55 min Scan# 3447
Delta R.T. -0.16 min
Lab File: BE091262.D
Acq: 21 Nov 2015 2:38

Instrument :
BNA_E
ClientSampleId :
D9KN3

Tgt Ion:276 Resp: 278

Ion	Ratio	Lower	Upper
276	100		
138	0.0	27.5	41.3#
277	0.0	19.3	28.9#

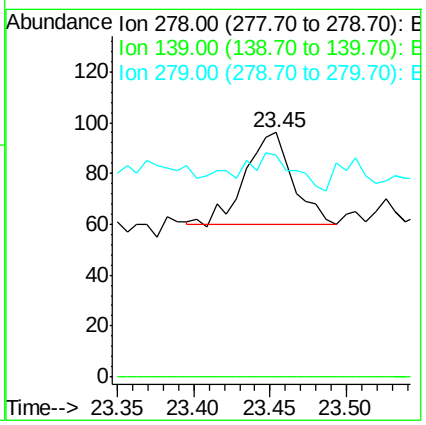


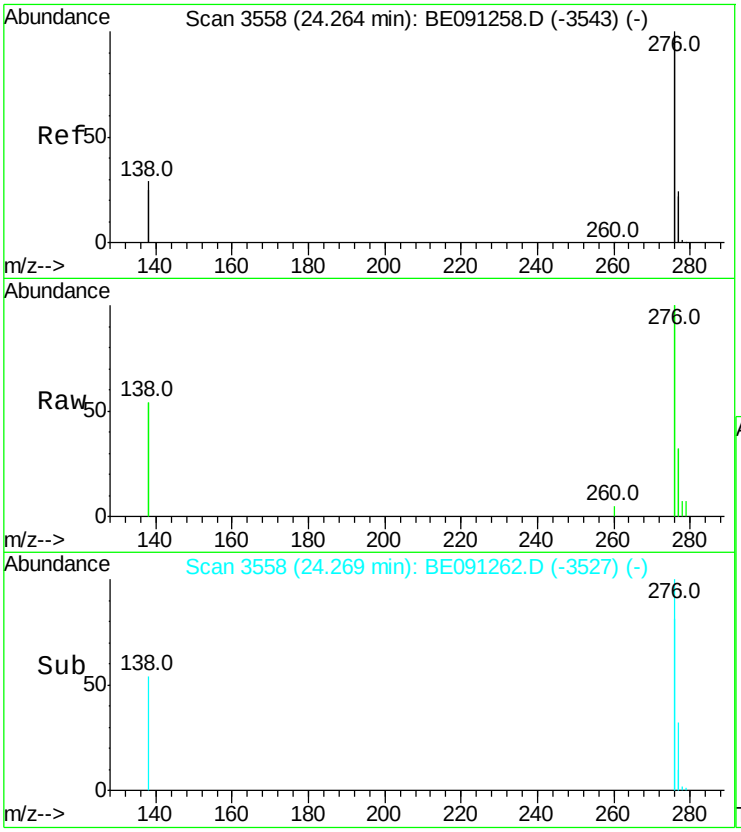


#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 23.45 min Scan# 3433
Delta R.T. -0.21 min
Lab File: BE091262.D
Acq: 21 Nov 2015 2:38

Tgt Ion:278 Resp: 77

Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	90.6	21.9	32.9#





#28
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 24.27 min Scan# 3558
Delta R.T. 0.00 min
Lab File: BE091262.D
Acq: 21 Nov 2015 2:38

Instrument :
BNA_E
ClientSampleId :
D9KN3

Tgt Ion:276 Resp: 5480

Ion	Ratio	Lower	Upper
276	100		
277	31.6	21.3	31.9
138	53.7	25.5	38.3#