Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030316\
Data File : BE091424.D
Acq On : 3 Mar 2016 16:00
Operator : UM/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Mar 04 03:18:30 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 03:11:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	29795	5.00	ng		0.00
4) Naphthalene-d8	9.53	136	138871	5.00	ng		0.00
8) Acenaphthene-d10	13.34	164	87581	5.00	ng		0.00
13) Phenanthrene-d10	16.10	188	152856	5.00	ng		0.00
19) Chrysene-d12	20.21	240	225275	5.00	ng		0.00
25) Perylene-d12	22.09	264	269950	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	8.21	82	1124	0.15	ng		0.03
9) 2-Fluorobiphenyl	12.01	172	3892	0.17	ng		0.01
21) Terphenyl-d14	18.61	244	6508	0.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.98	88	480	0.10	ng		93
3) n-Nitrosodimethylamine	3.59	42	279	0.68	ng	#	1
6) Naphthalene	9.57	128	6360	0.21	ng		97
7) 2-Methylnaphthalene	11.17	142	4196	0.24	ng		97
10) Acenaphthylene	13.09	152	25811	0.22	ng		99
11) Acenaphthene	13.41	154	5049	0.23	ng	#	100
12) Fluorene	14.41	166	6229	0.22	ng		98
14) Hexachlorobenzene	15.38	284	2005	0.29	ng	#	100
16) Phenanthrene	16.13	178	10333	0.27	ng		99
17) Anthracene	16.24	178	5191	0.15	ng	#	65
18) Fluoranthene	18.09	202	11782	0.30	ng		98
20) Pyrene	18.48	202	11872	0.23	ng		99
22) Benzo(a)anthracene	20.17	228	13719	0.30	ng		97
23) Chrysene	20.23	228	16866	0.27	ng		99
24) Indeno(1,2,3-cd)pyrene	23.68	276	14509	0.32	ng	#	90
26) Benzo(b)fluoranthene	21.54	252	27410	0.49	ng		99
27) Benzo(k)fluoranthene	21.54	252	27639	0.42	ng	#	95
28) Benzo(a)pyrene	21.99	252	12152	0.24	ng		98
29) Dibenzo(a,h)anthracene	23.64	278	11434	0.27	ng		96
30) Benzo(g,h,i)perylene	24.24	276	12703	0.23	ng		99

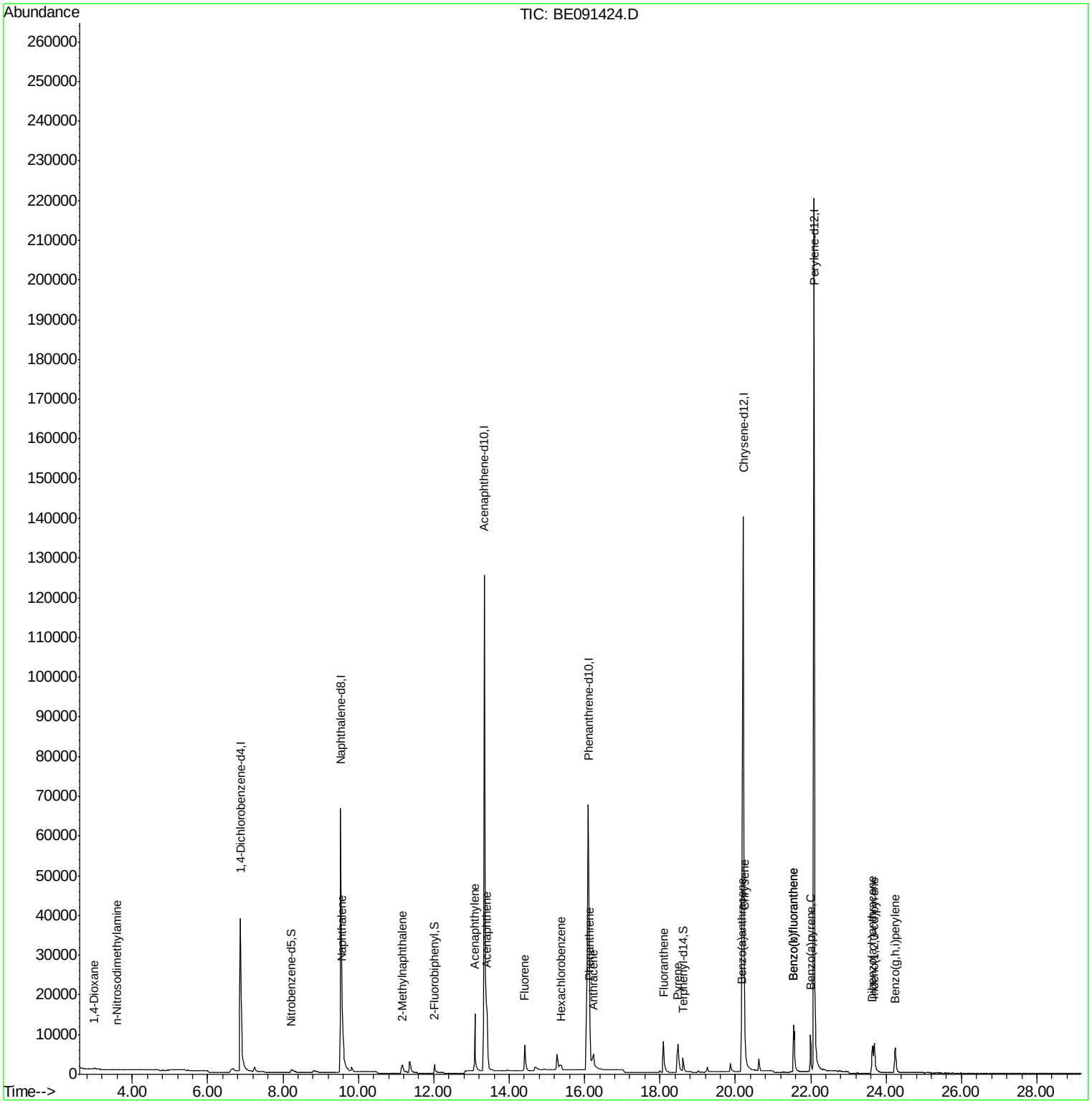
(#) = qualifier out of range (m) = manual integration (+) = signals summed

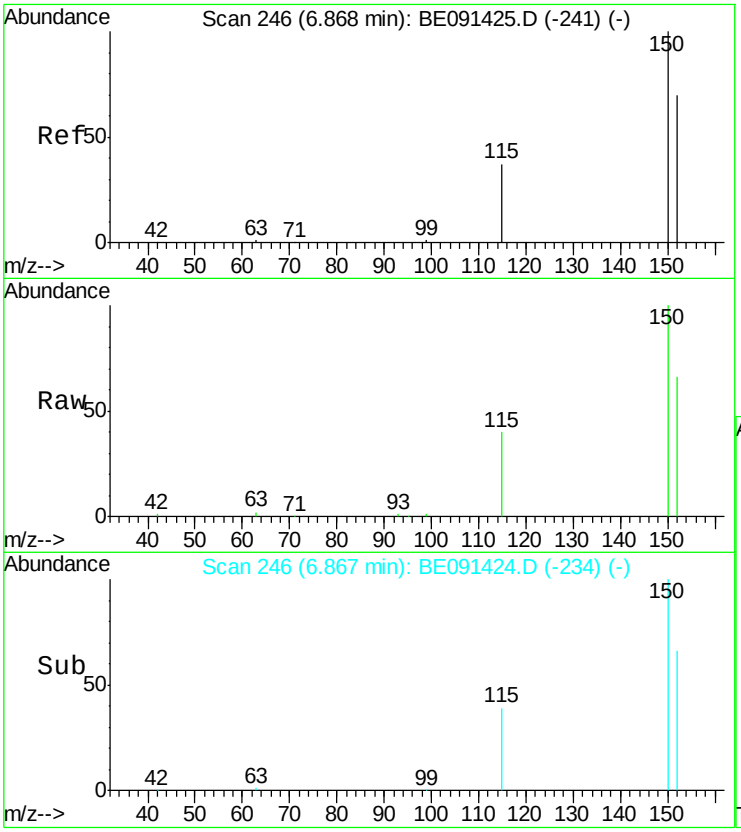
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030316\
Data File : BE091424.D
Acq On : 3 Mar 2016 16:00
Operator : UM/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Mar 04 03:18:30 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 03:11:46 2016
Response via : Initial Calibration



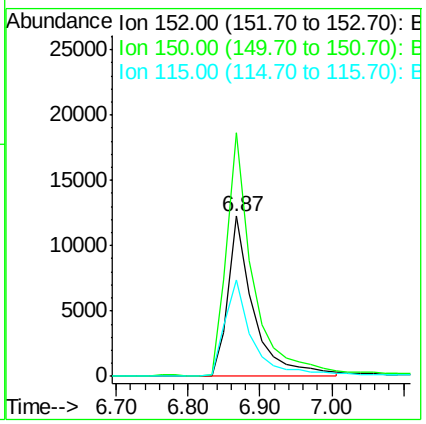


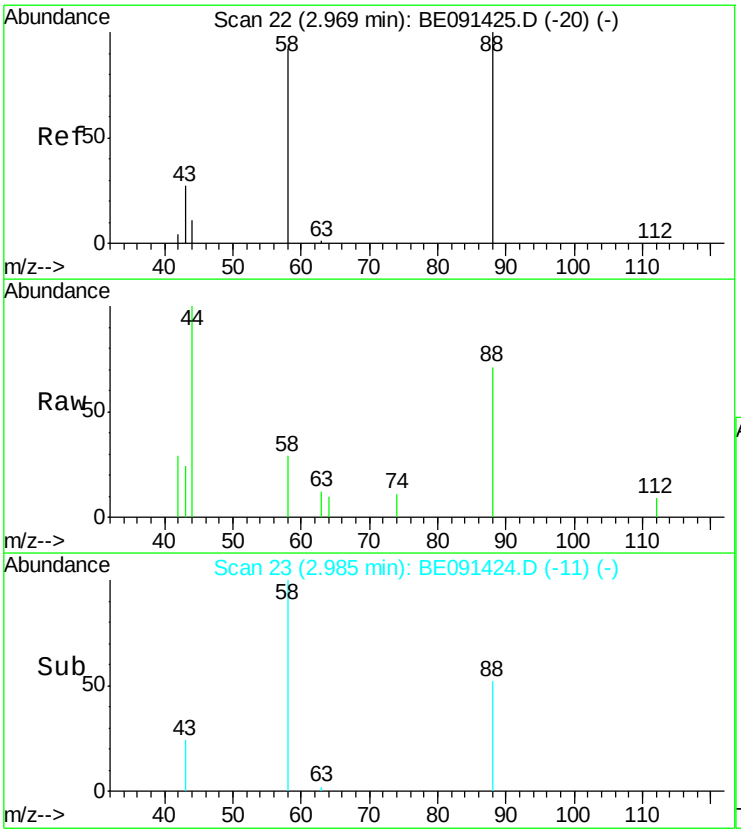
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.87 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 29795

Ion	Ratio	Lower	Upper
152	100		
150	152.1	115.0	172.4
115	60.3	42.2	63.4

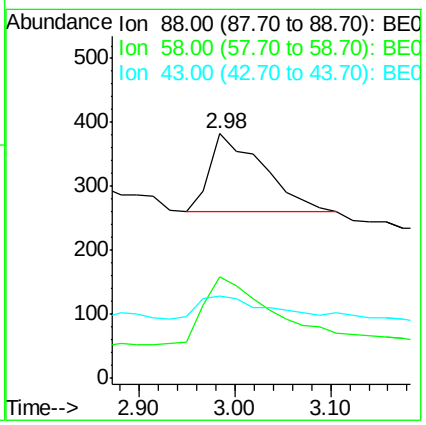


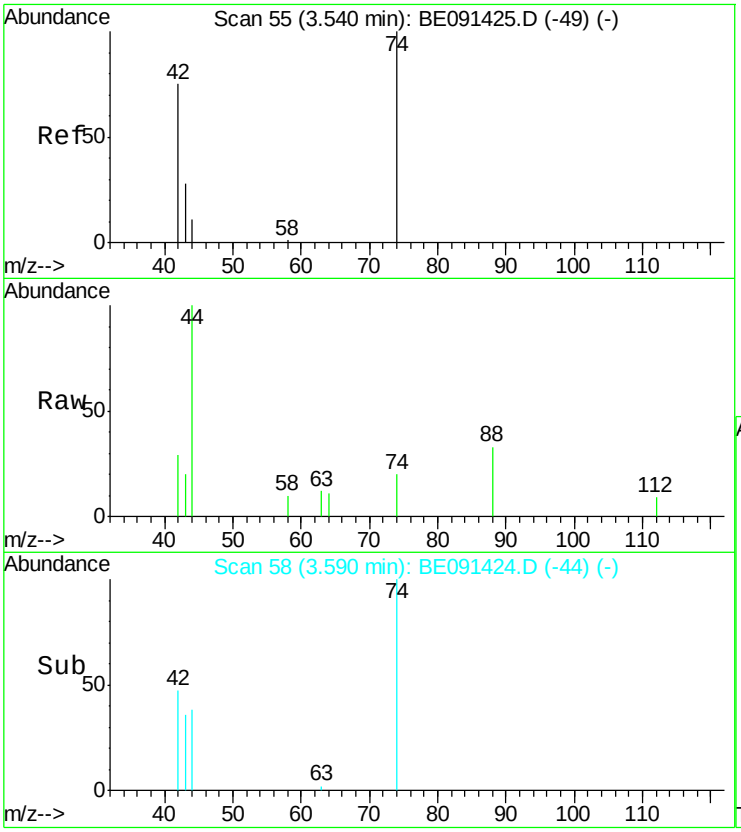


#2
1,4-Dioxane
Concen: 0.10 ng
RT: 2.98 min Scan# 23
Delta R.T. 0.02 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Tgt Ion: 88 Resp: 480

Ion	Ratio	Lower	Upper
88	100		
58	111.3	96.9	145.3
43	38.3	29.3	43.9



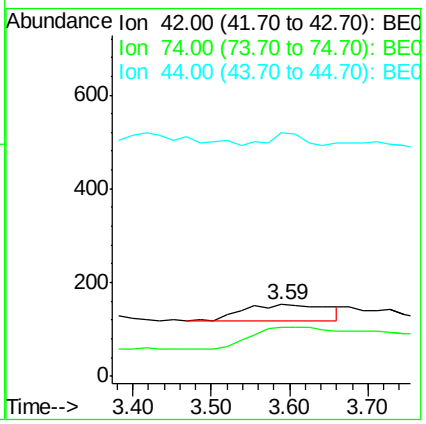


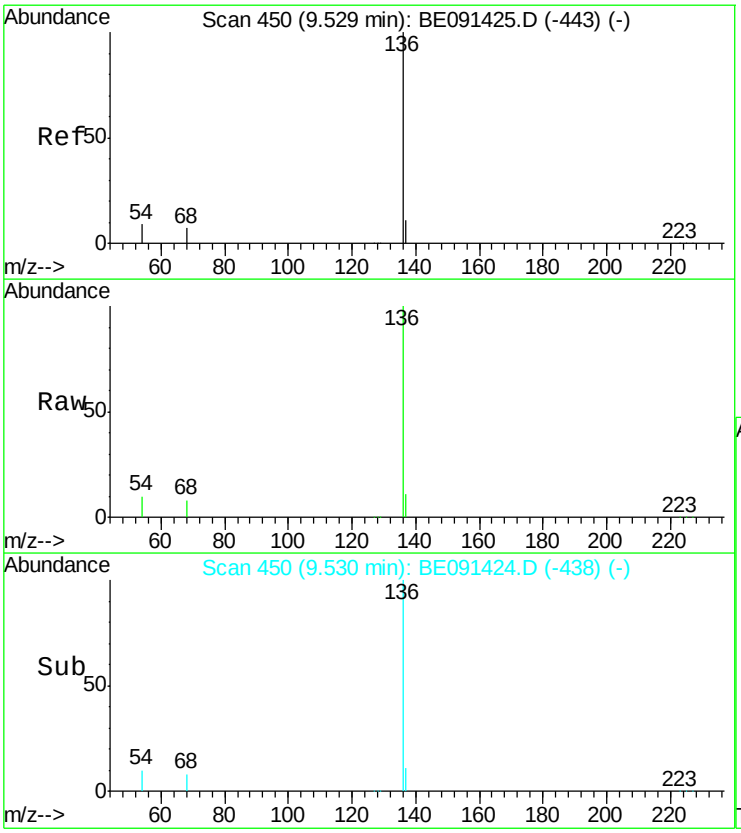
#3
n-Nitrosodimethylamine
Concen: 0.68 ng
RT: 3.59 min Scan# 58
Delta R.T. 0.05 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 279

Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.6	144.8#
44	27.2	0.0	0.0#

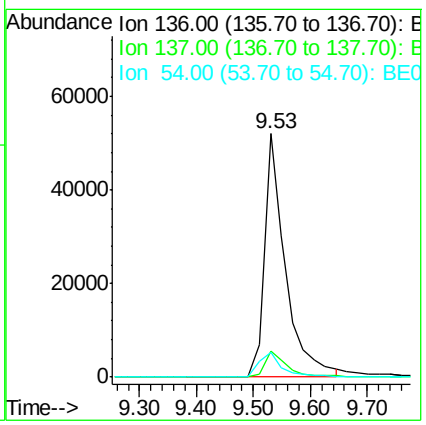


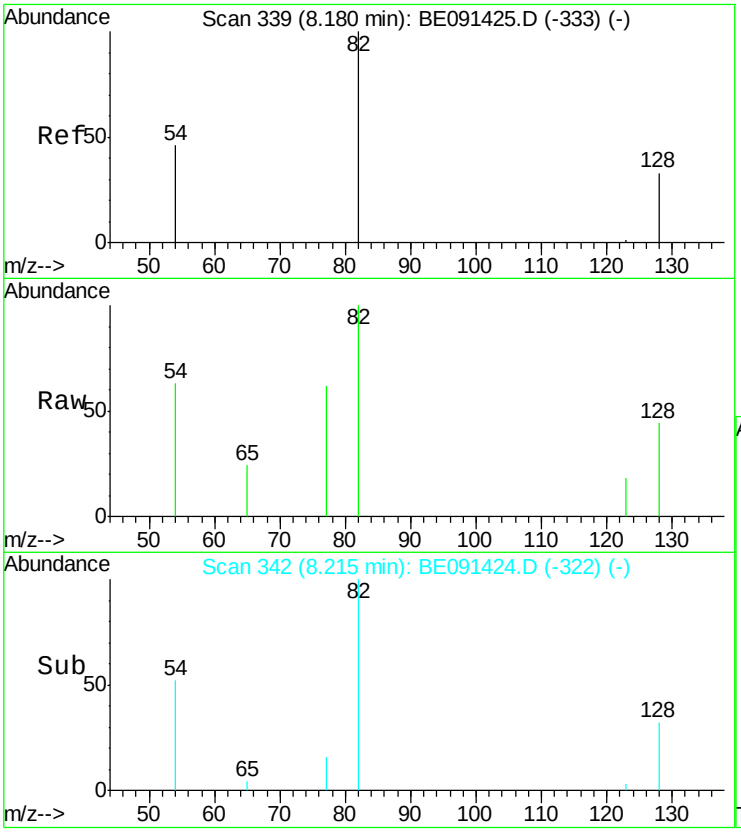


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 9.53 min Scan# 450
Delta R.T. 0.00 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Tgt Ion:136 Resp: 138871

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	10.0	6.9	10.3



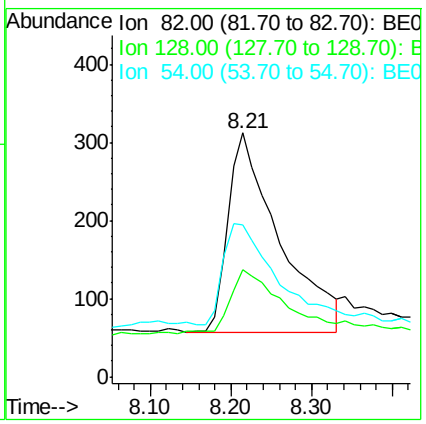


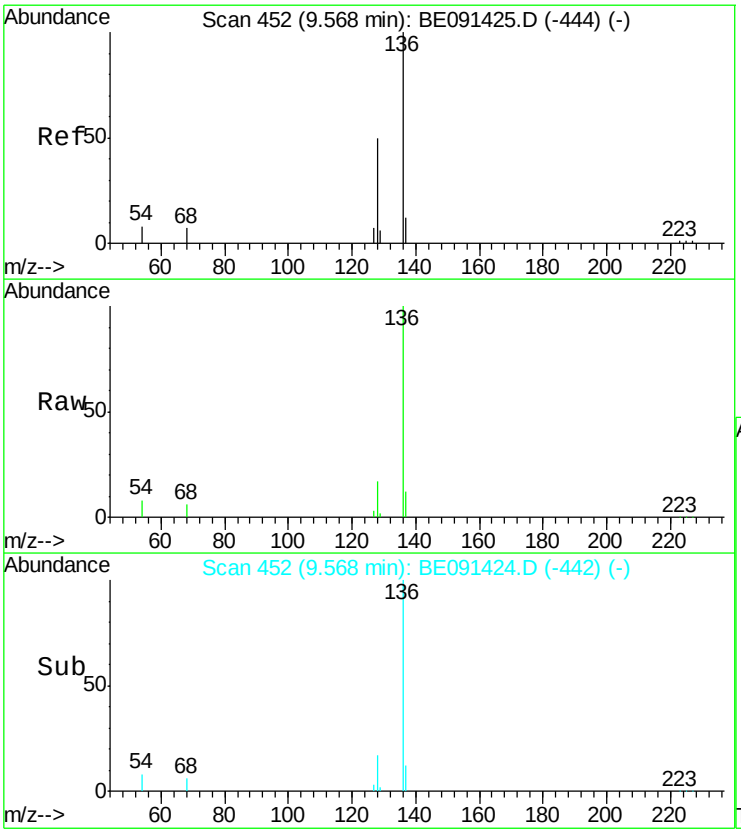
#5
Nitrobenzene-d5
Concen: 0.15 ng
RT: 8.21 min Scan# 342
Delta R.T. 0.03 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 82 Resp: 1124

Ion	Ratio	Lower	Upper
82	100		
128	43.9	30.0	45.0
54	62.5	41.5	62.3#

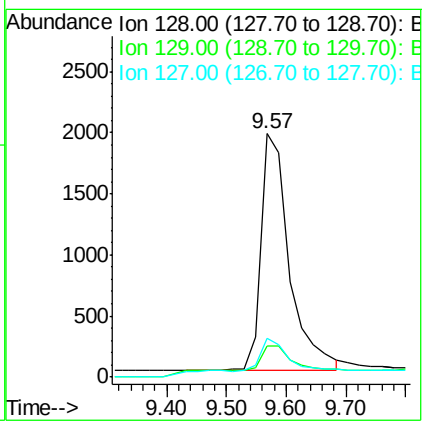


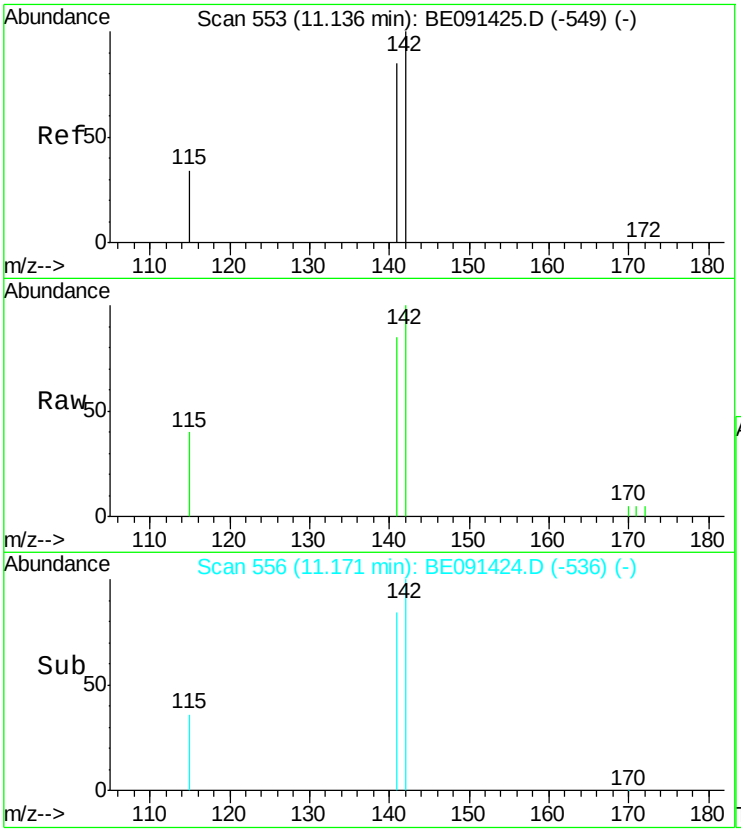


#6
Naphthalene
Concen: 0.21 ng
RT: 9.57 min Scan# 452
Delta R.T. 0.00 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Tgt Ion:128 Resp: 6360

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.5	14.3
127	15.9	11.4	17.0



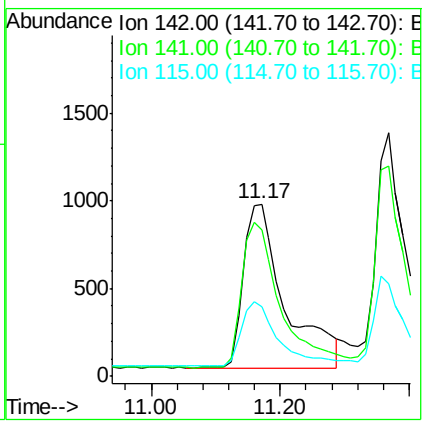


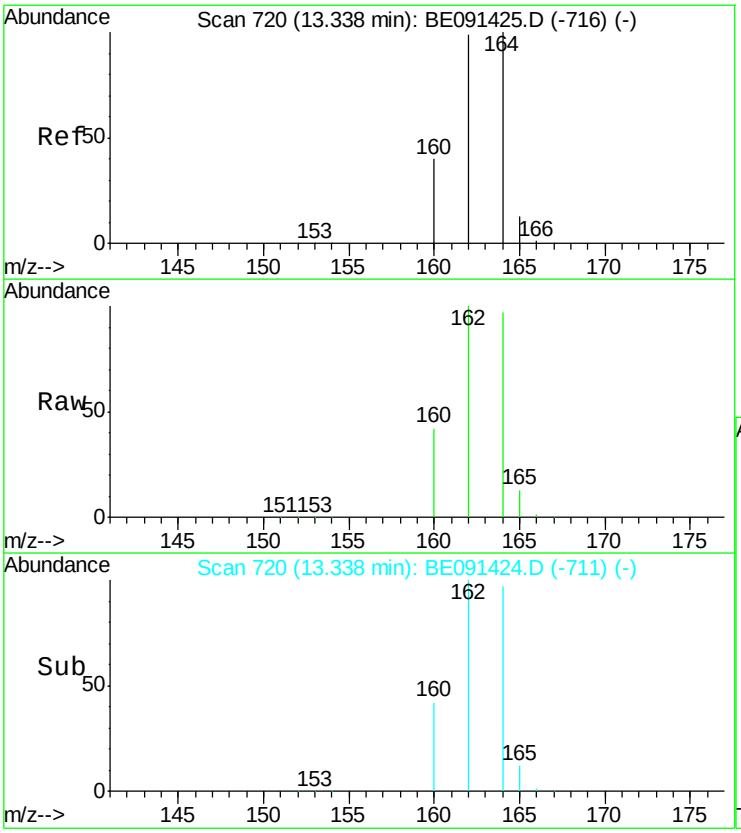
#7
2-Methylnaphthalene
Concen: 0.24 ng
RT: 11.17 min Scan# 556
Delta R.T. 0.04 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:142 Resp: 4196

Ion	Ratio	Lower	Upper
142	100		
141	84.8	68.3	102.5
115	40.2	28.9	43.3

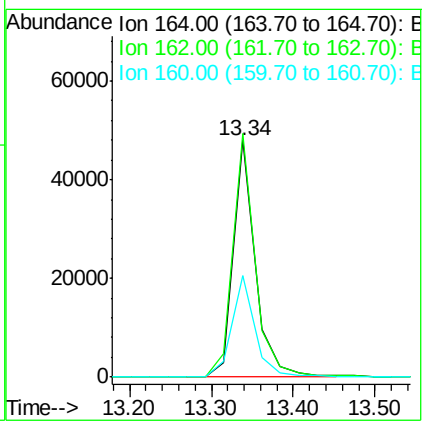


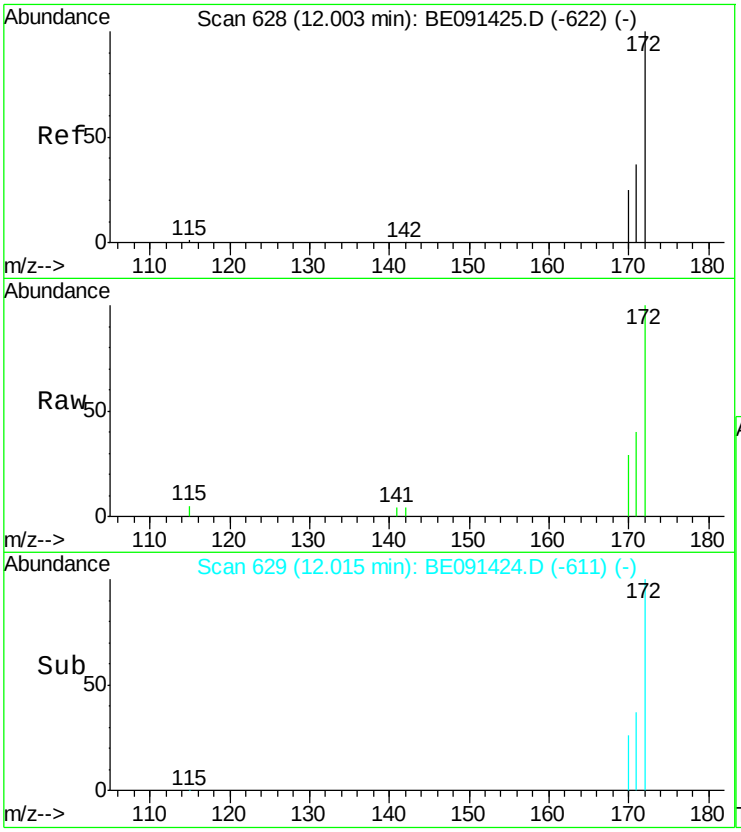


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 13.34 min Scan# 720
Delta R.T. 0.00 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Tgt Ion:164 Resp: 87581

Ion	Ratio	Lower	Upper
164	100		
162	102.7	79.1	118.7
160	43.1	32.4	48.6



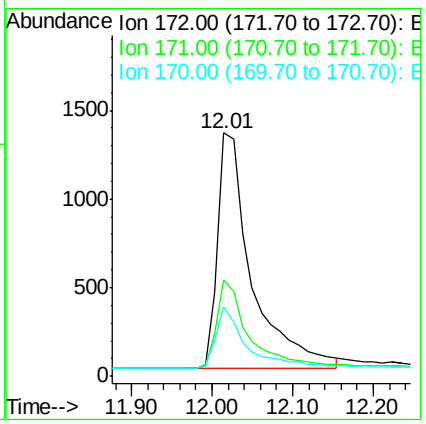


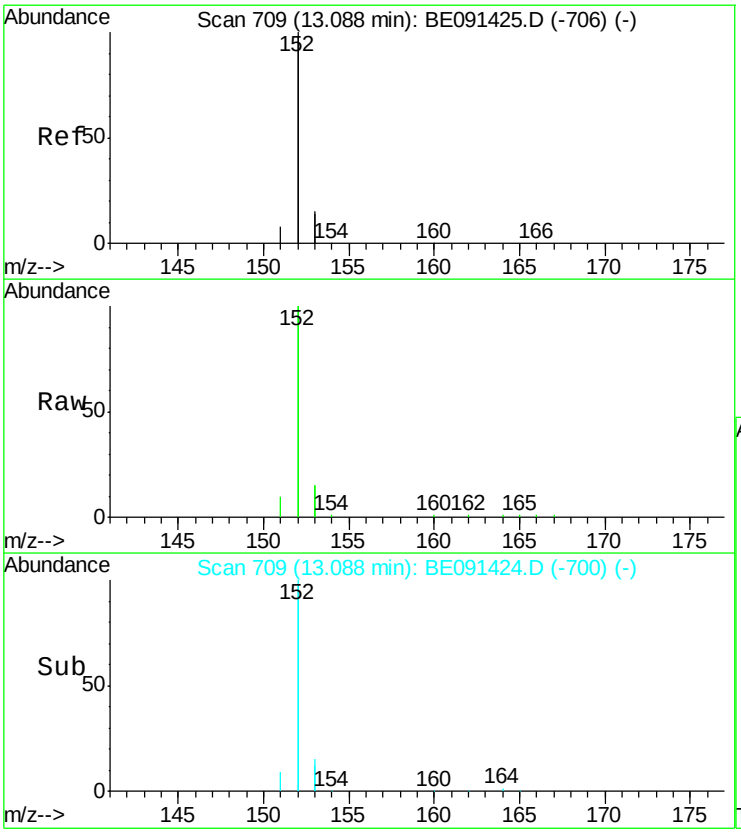
#9
2-Fluorobiphenyl
Concen: 0.17 ng
RT: 12.01 min Scan# 629
Delta R.T. 0.01 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 3892

Ion	Ratio	Lower	Upper
172	100		
171	39.5	30.2	45.4
170	28.7	20.9	31.3

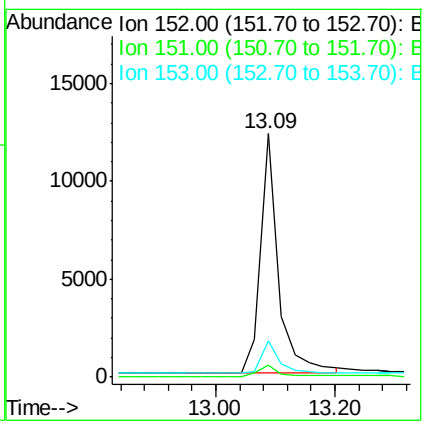


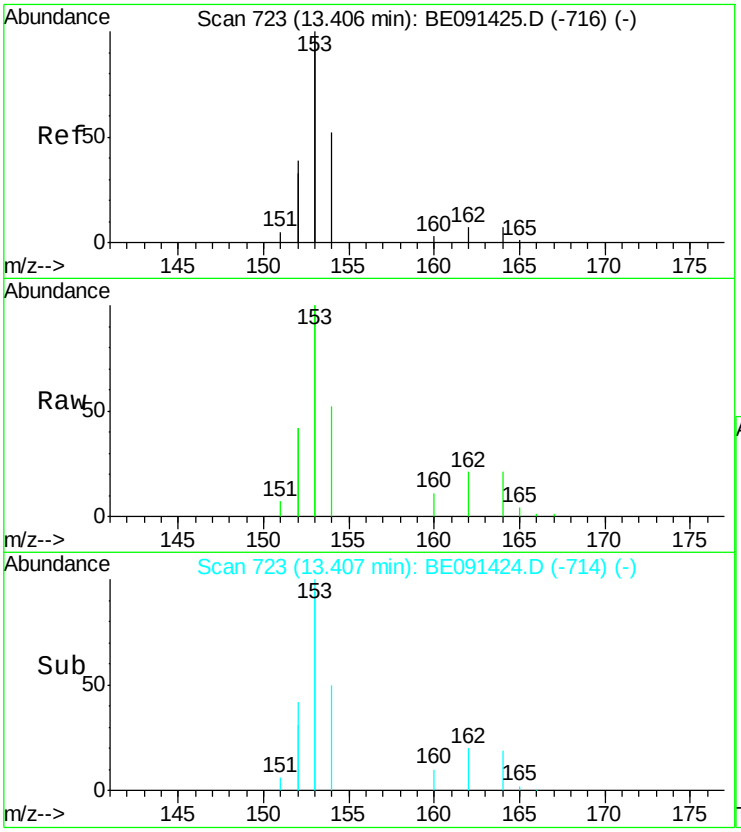


#10
Acenaphthylene
Concen: 0.22 ng
RT: 13.09 min Scan# 709
Delta R.T. 0.00 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Tgt Ion:152 Resp: 25811

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.9	5.9
153	13.4	10.5	15.7



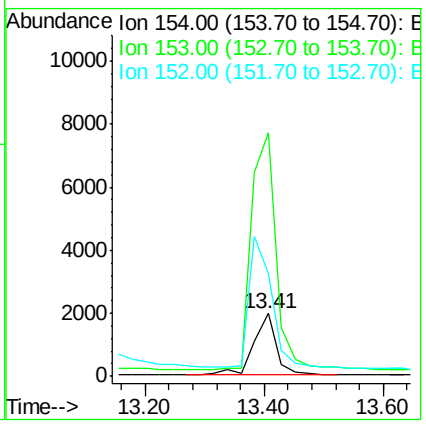


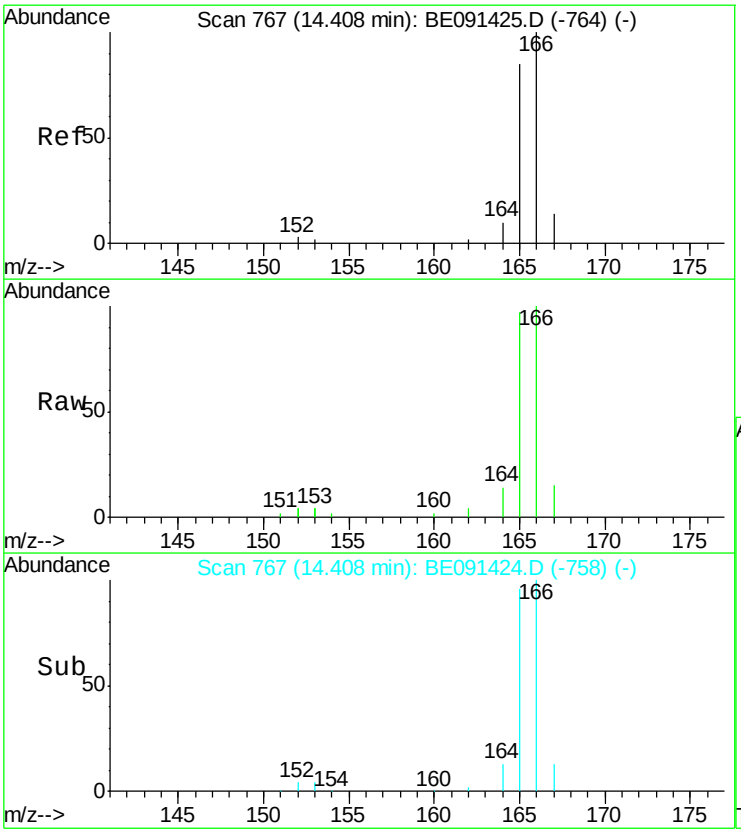
#11
Acenaphthene
Concen: 0.23 ng
RT: 13.41 min Scan# 723
Delta R.T. 0.00 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 5049

Ion	Ratio	Lower	Upper
154	100		
153	429.5	0.0	0.0#
152	0.0	0.0	0.0

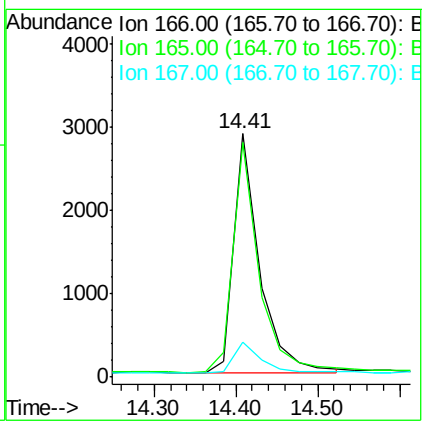


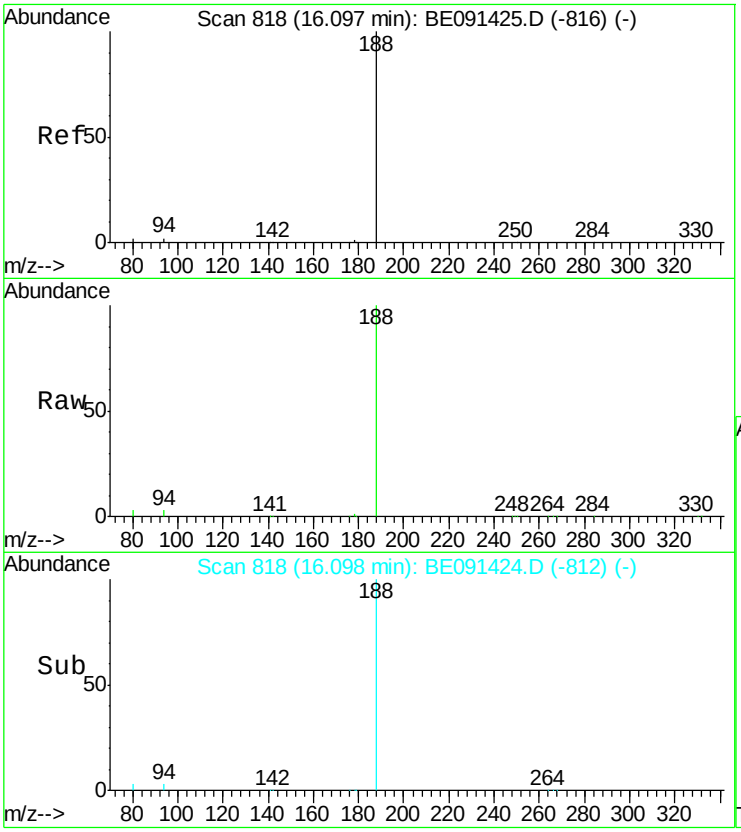


#12
Fluorene
Concen: 0.22 ng
RT: 14.41 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Tgt Ion:166 Resp: 6229

Ion	Ratio	Lower	Upper
166	100		
165	96.9	79.4	119.2
167	13.2	10.7	16.1



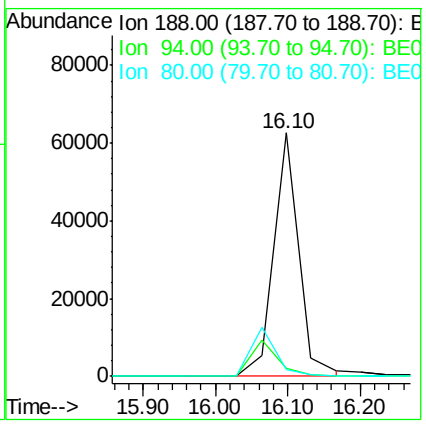


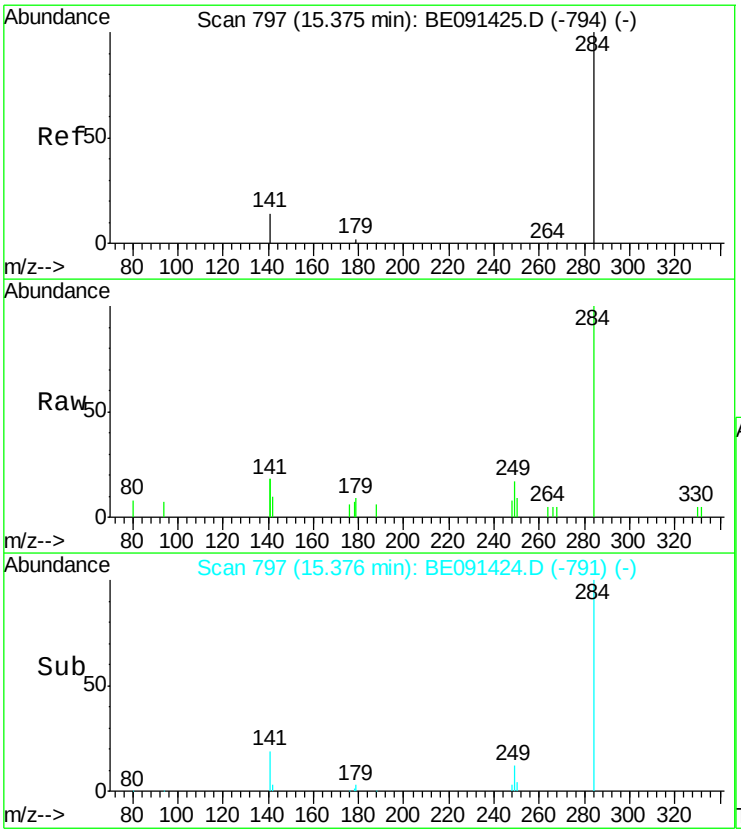
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.10 min Scan# 818
Delta R.T. 0.00 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 152856

Ion	Ratio	Lower	Upper
188	100		
94	3.1	2.1	3.1#
80	3.0	1.9	2.9#

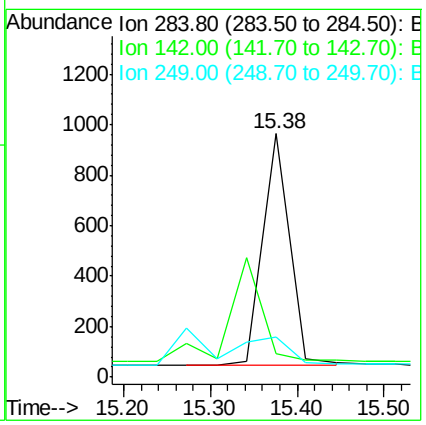


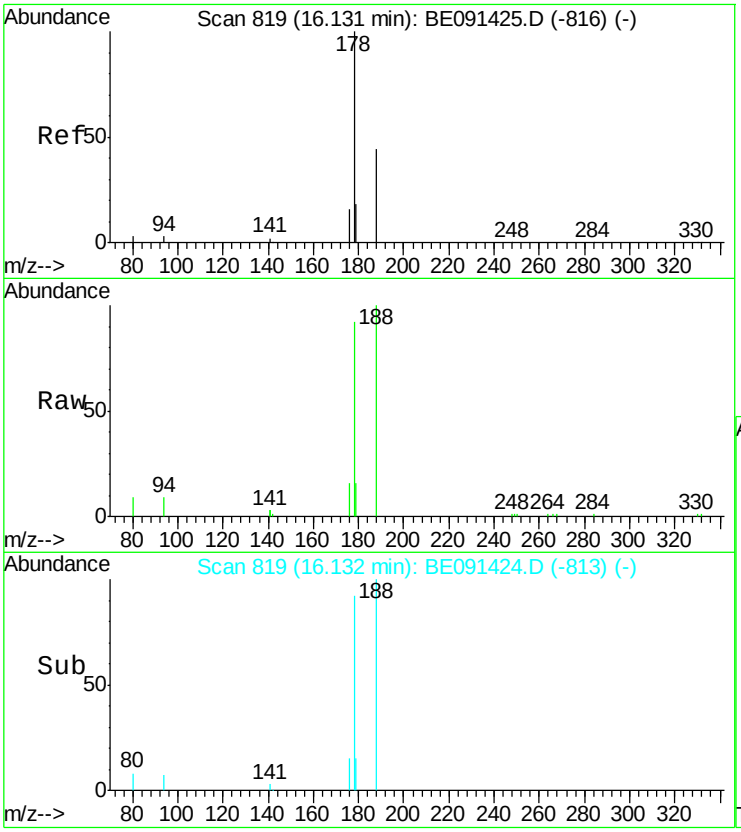


#14
Hexachlorobenzene
Concen: 0.29 ng
RT: 15.38 min Scan# 797
Delta R.T. 0.00 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Tgt Ion:284 Resp: 2005

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0



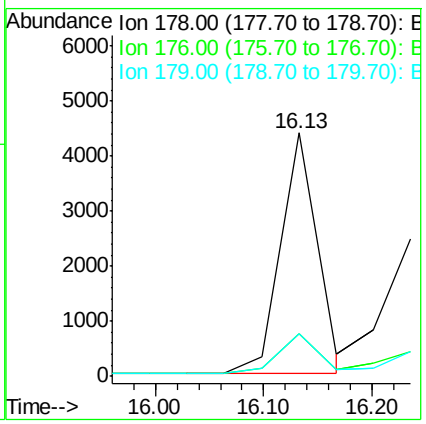


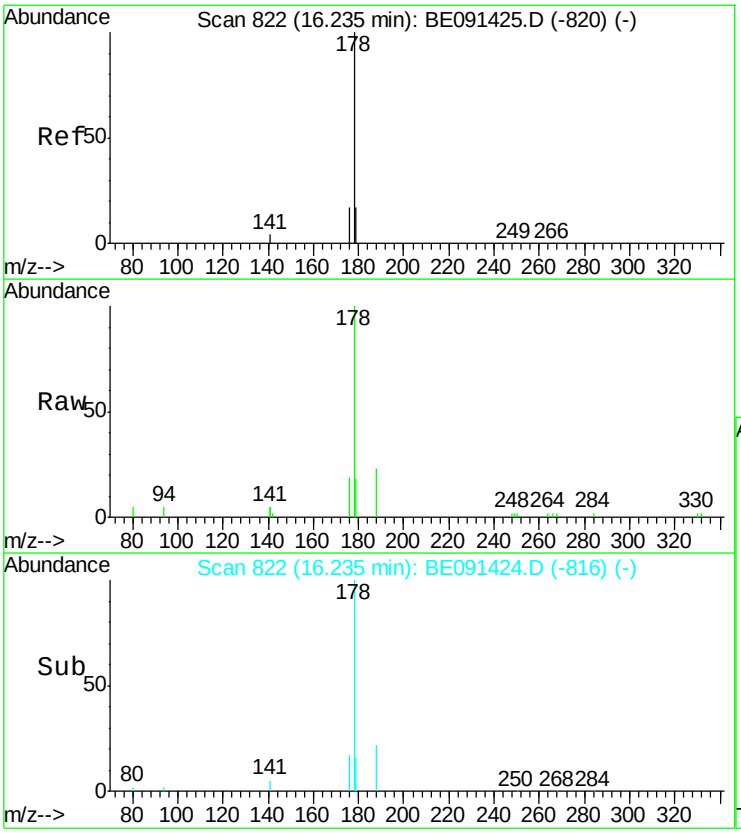
#16
Phenanthrene
Concen: 0.27 ng
RT: 16.13 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 10333

Ion	Ratio	Lower	Upper
178	100		
176	17.6	13.8	20.8
179	17.2	14.2	21.4

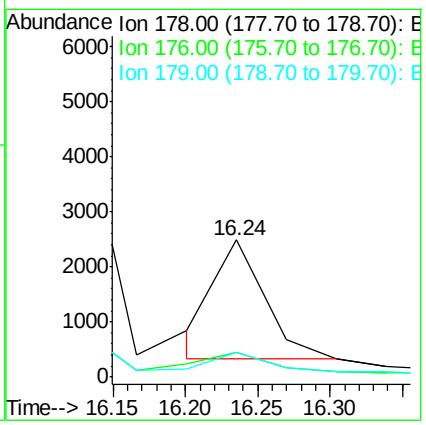


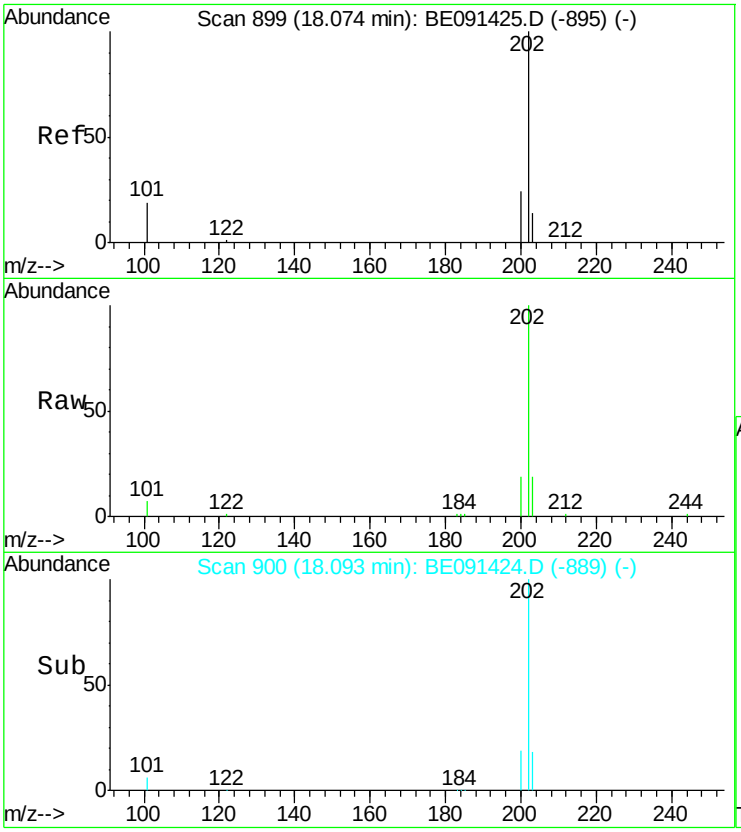


#17
Anthracene
Concen: 0.15 ng
RT: 16.24 min Scan# 822
Delta R.T. 0.00 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Tgt Ion:178 Resp: 5191

Ion	Ratio	Lower	Upper
178	100		
176	0.0	23.5	35.3#
179	16.4	14.3	21.5



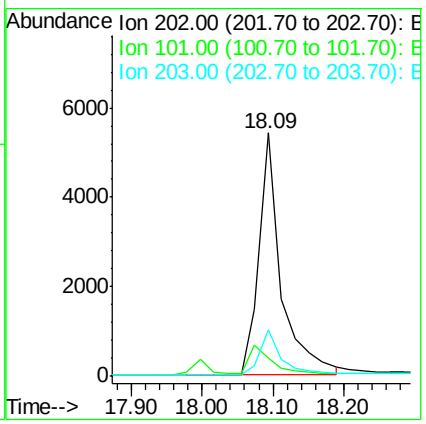


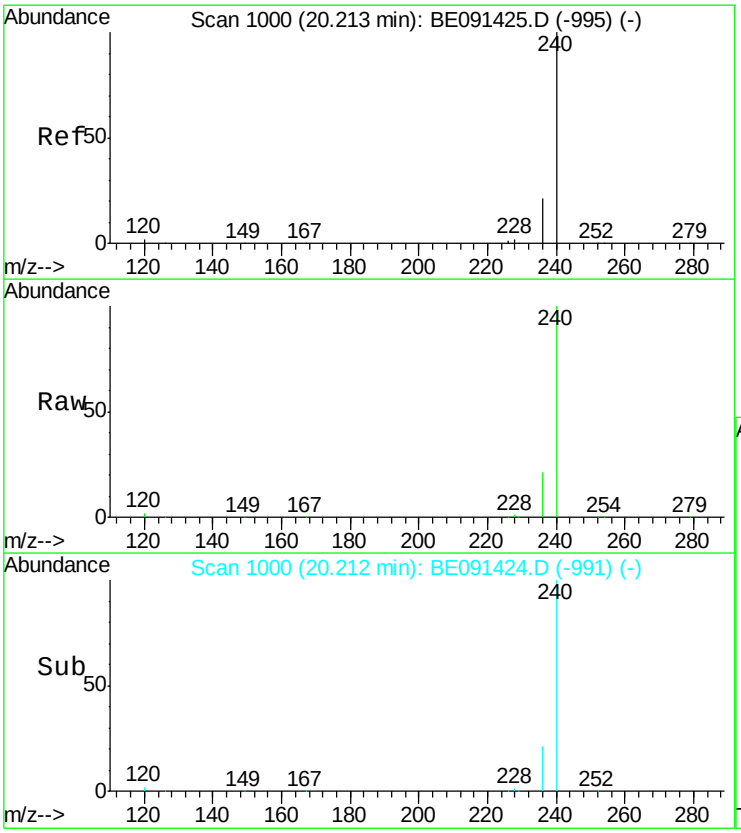
#18
Fluoranthene
Concen: 0.30 ng
RT: 18.09 min Scan# 900
Delta R.T. 0.02 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 11782

Ion	Ratio	Lower	Upper
202	100		
101	12.2	11.0	16.4
203	17.5	13.7	20.5

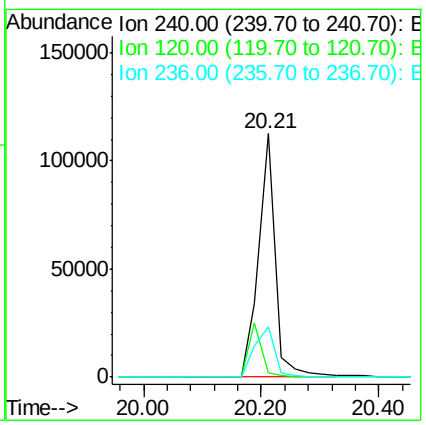


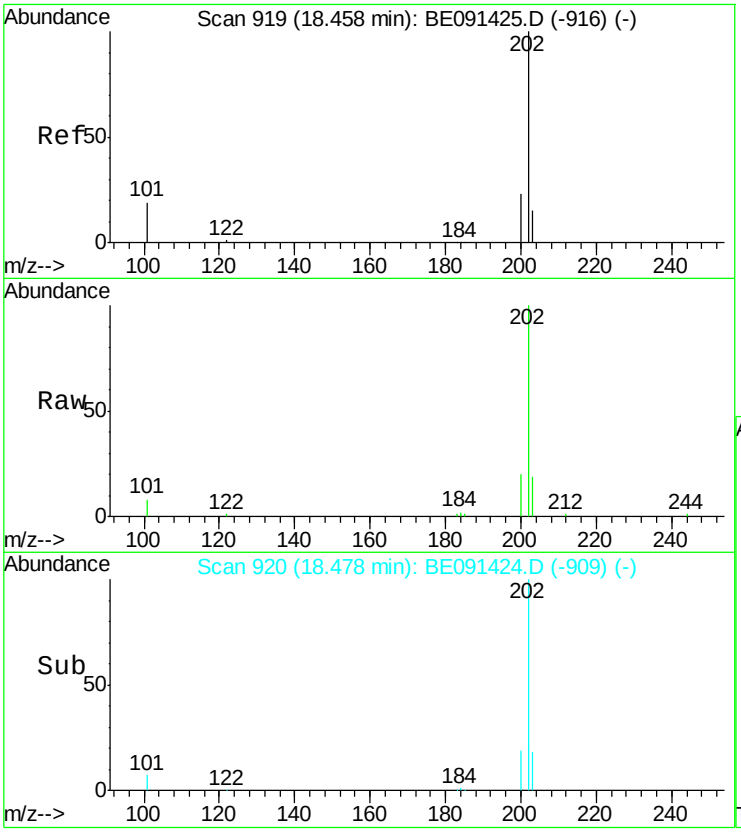


#19
Chrysene-d12
Concen: 5.00 ng
RT: 20.21 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Tgt Ion:240 Resp: 225275

Ion	Ratio	Lower	Upper
240	100		
120	1.9	1.4	2.0
236	20.9	16.7	25.1



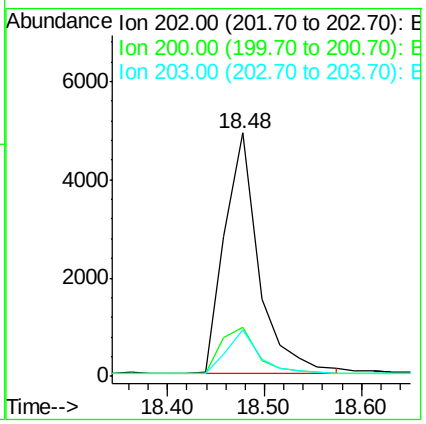


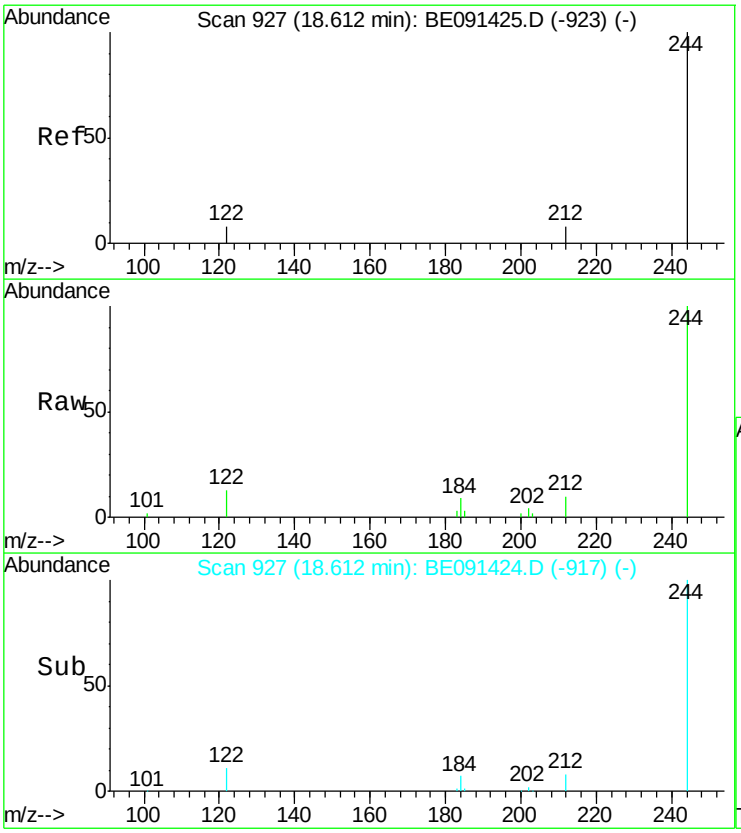
#20
Pyrene
Concen: 0.23 ng
RT: 18.48 min Scan# 920
Delta R.T. 0.02 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 11872

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.5	24.7
203	17.3	13.8	20.6

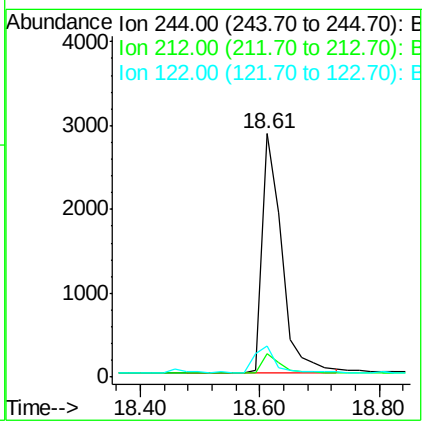


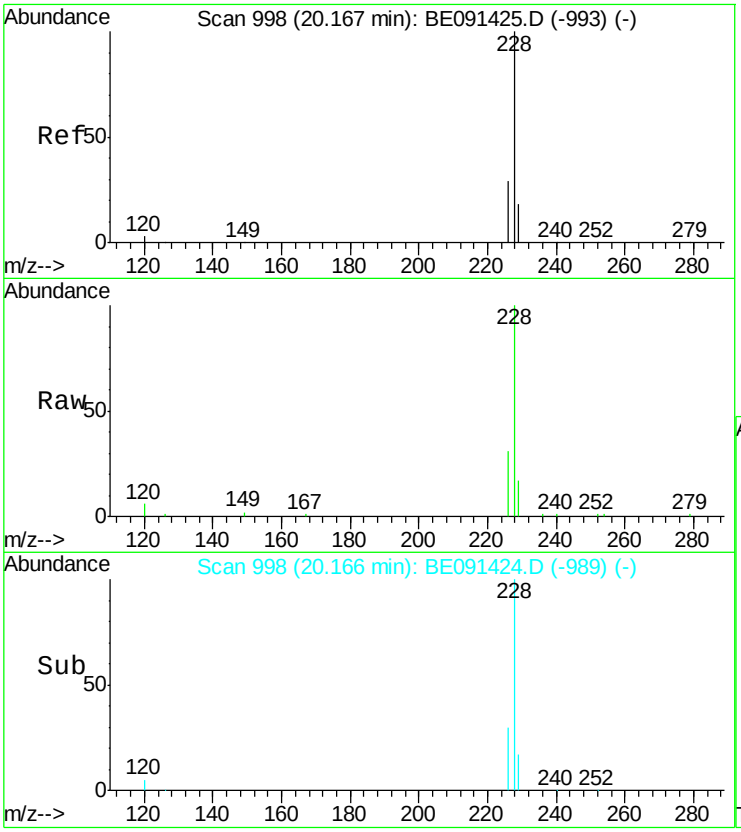


#21
Terphenyl-d14
Concen: 0.19 ng
RT: 18.61 min Scan# 927
Delta R.T. 0.00 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Tgt Ion:244 Resp: 6508

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.0	10.6
122	12.8	6.8	10.2#



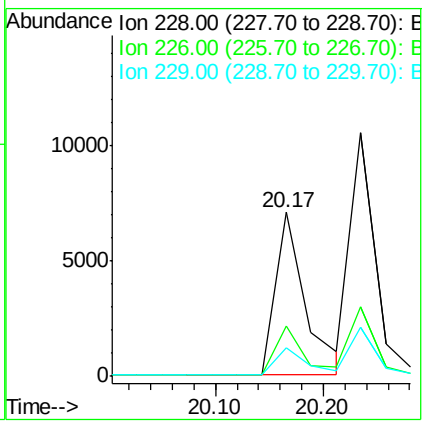


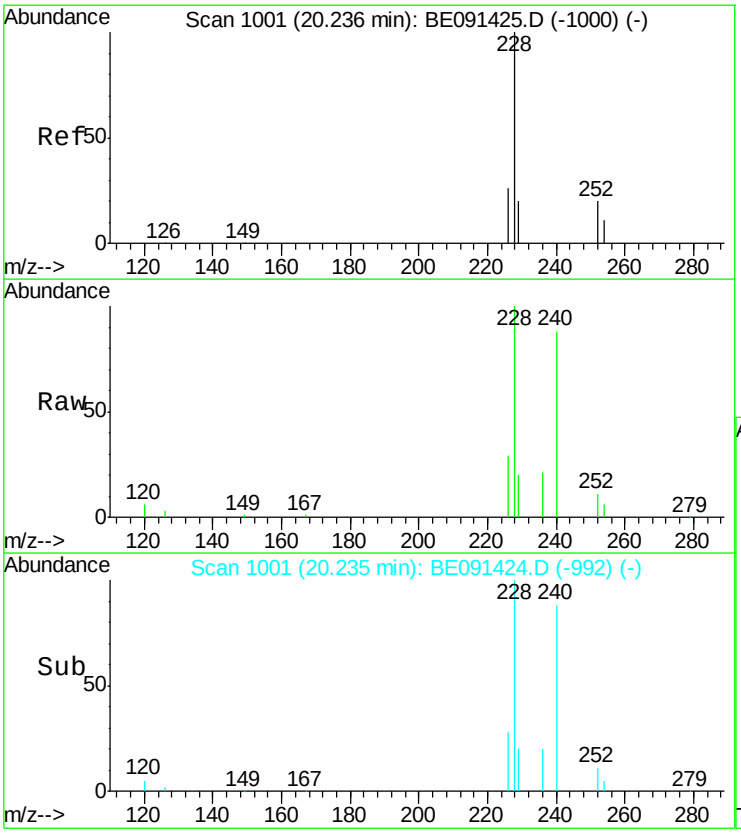
#22
Benzo(a)anthracene
Concen: 0.30 ng
RT: 20.17 min Scan# 998
Delta R.T. -0.00 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 13719

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.1	34.7
229	17.3	14.5	21.7

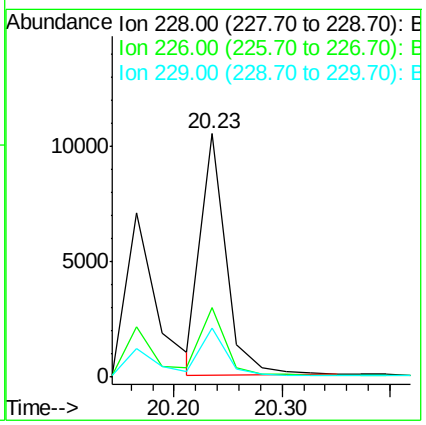


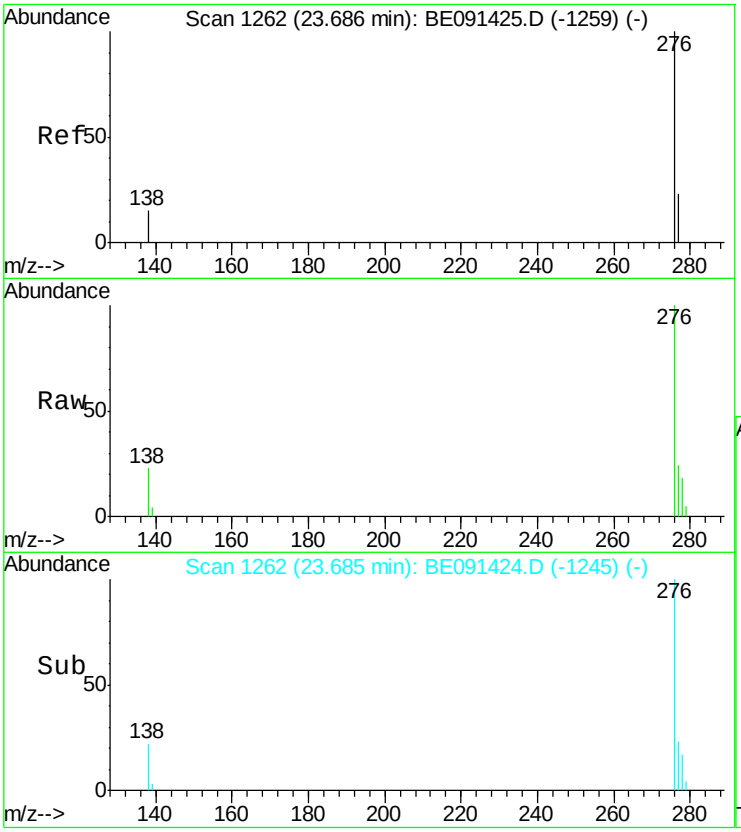


#23
Chrysene
Concen: 0.27 ng
RT: 20.23 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Tgt Ion:228 Resp: 16866

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.0	33.0
229	20.1	16.2	24.2



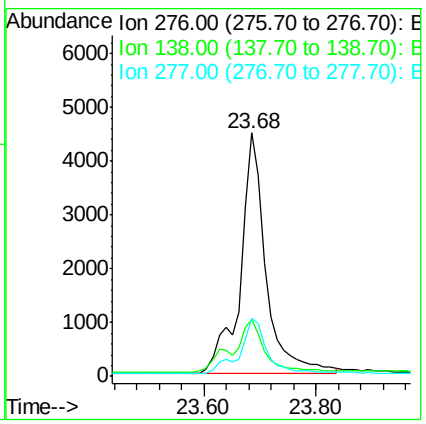


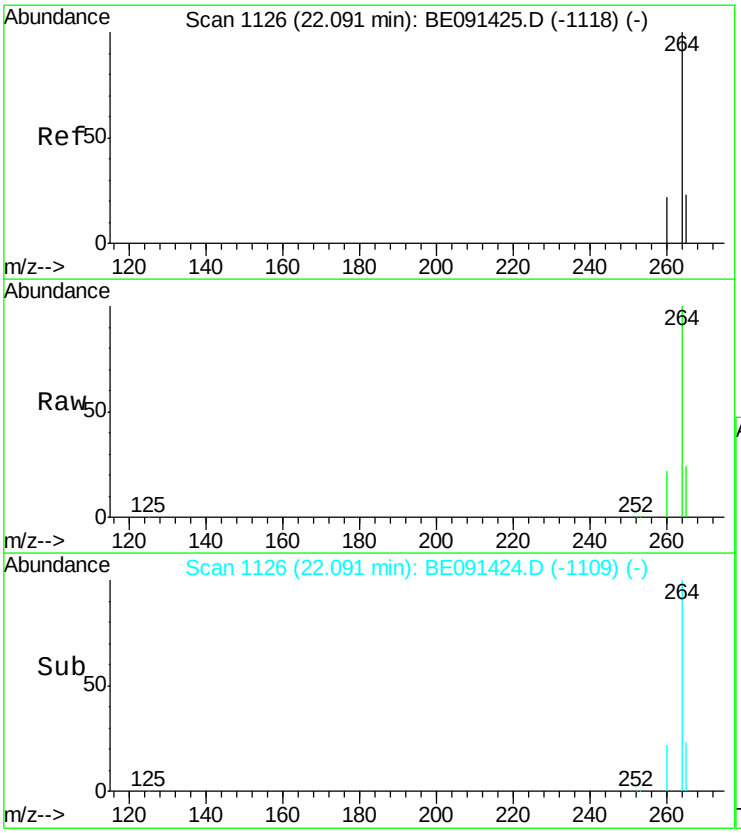
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.32 ng
RT: 23.68 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 14509

Ion	Ratio	Lower	Upper
276	100		
138	26.8	15.9	23.9#
277	24.8	22.4	33.6

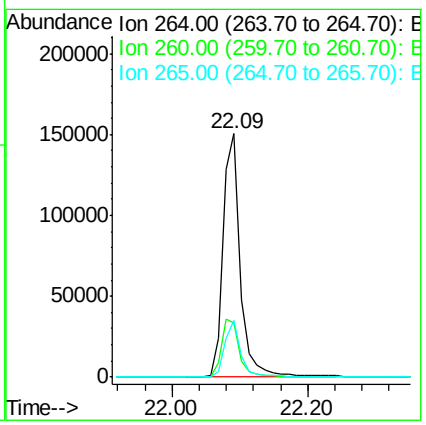


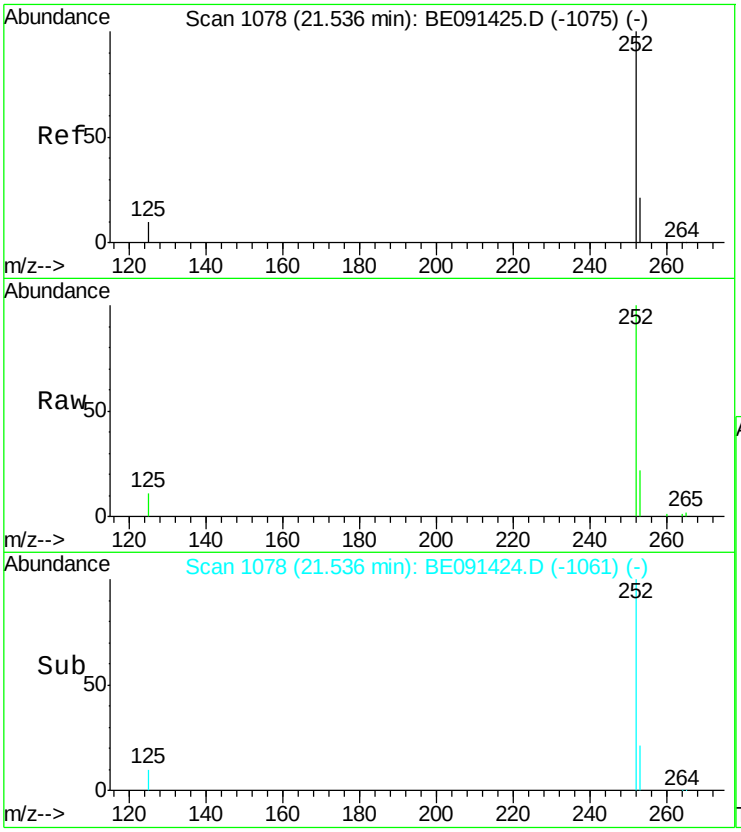


#25
Perylene-d12
Concen: 5.00 ng
RT: 22.09 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Tgt Ion:264 Resp: 269950

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.0	27.0
265	23.6	18.2	27.4



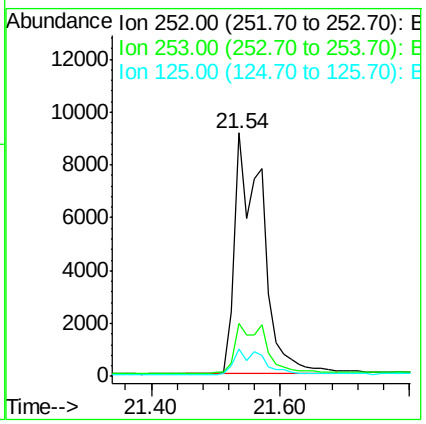


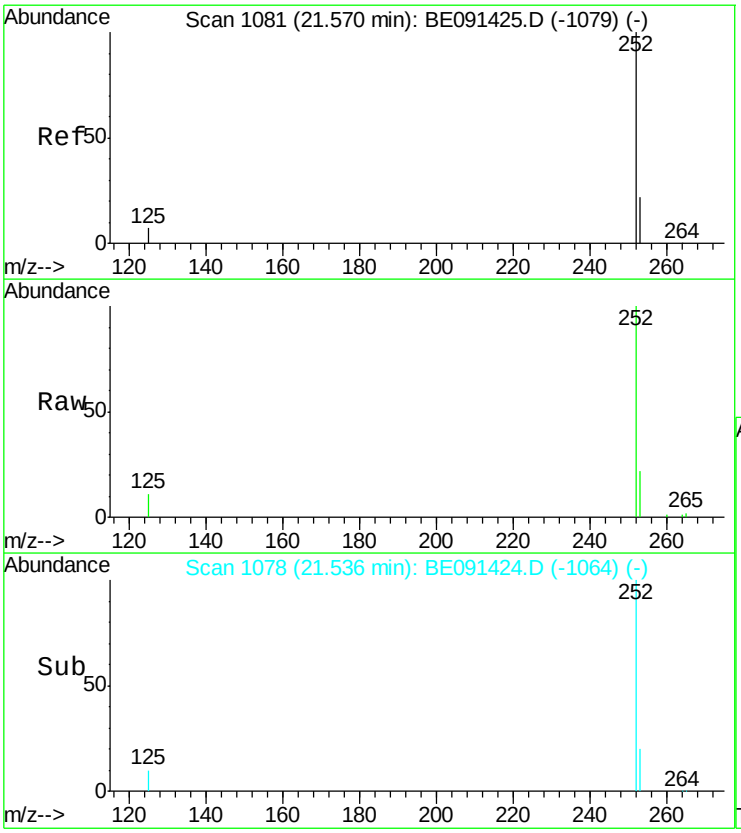
#26
Benzo(b)fluoranthene
Concen: 0.49 ng
RT: 21.54 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 27410

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.4
125	11.0	8.3	12.5

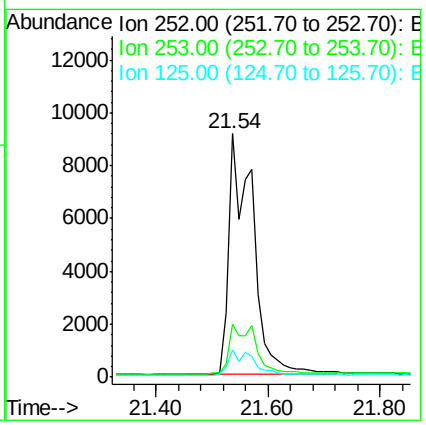


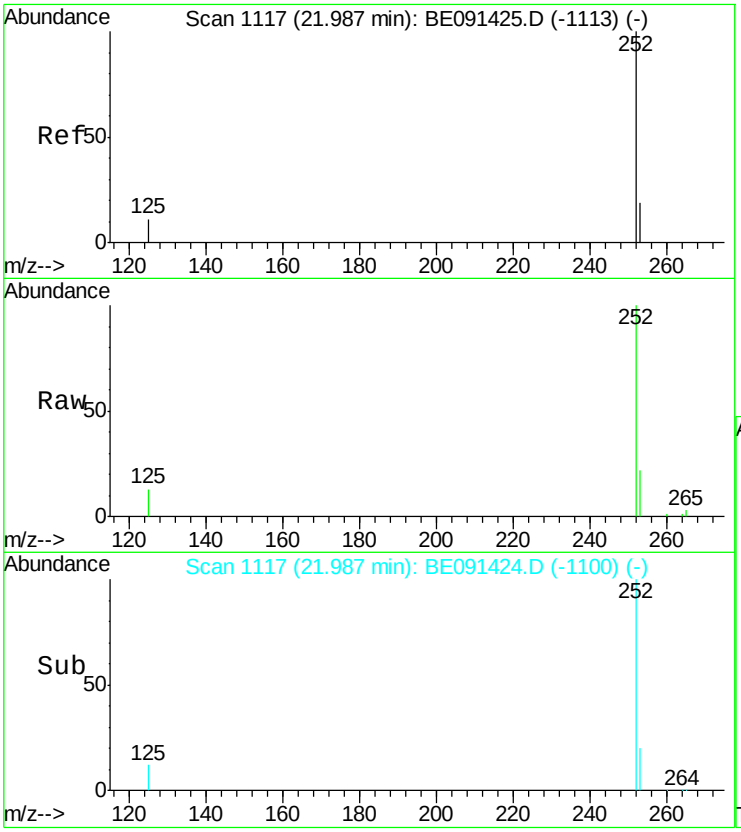


#27
Benzo(k)fluoranthene
Concen: 0.42 ng
RT: 21.54 min Scan# 1078
Delta R.T. -0.03 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Tgt Ion:252 Resp: 27639

Ion	Ratio	Lower	Upper
252	100		
253	21.7	19.5	29.3
125	11.0	7.3	10.9#



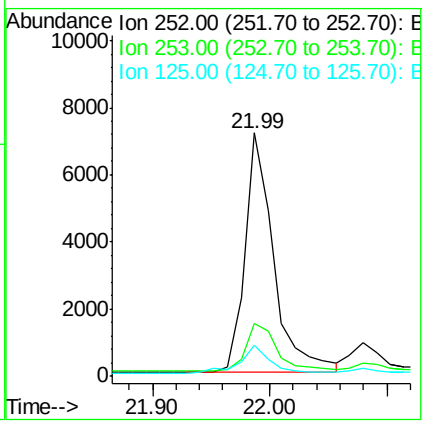


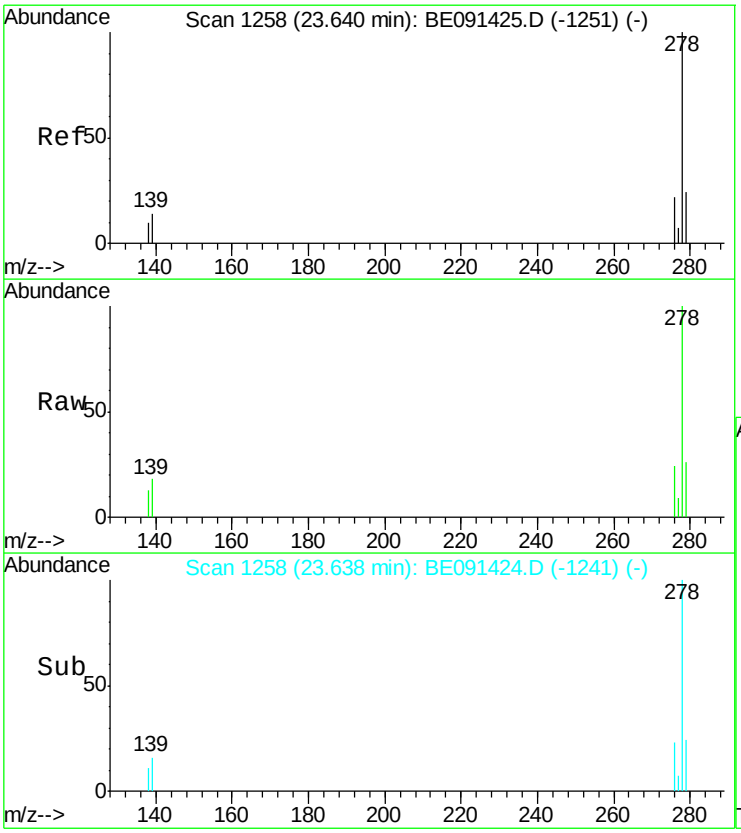
#28
Benzo(a)pyrene
Concen: 0.24 ng
RT: 21.99 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 12152

Ion	Ratio	Lower	Upper
252	100		
253	21.7	16.2	24.4
125	12.5	9.6	14.4

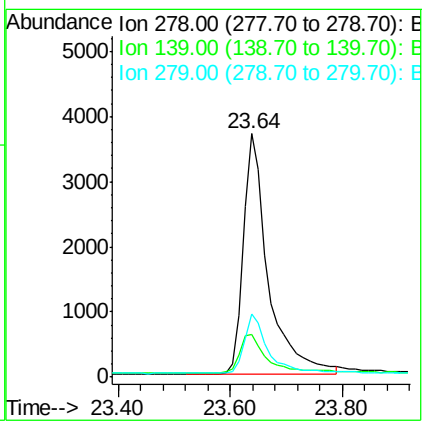


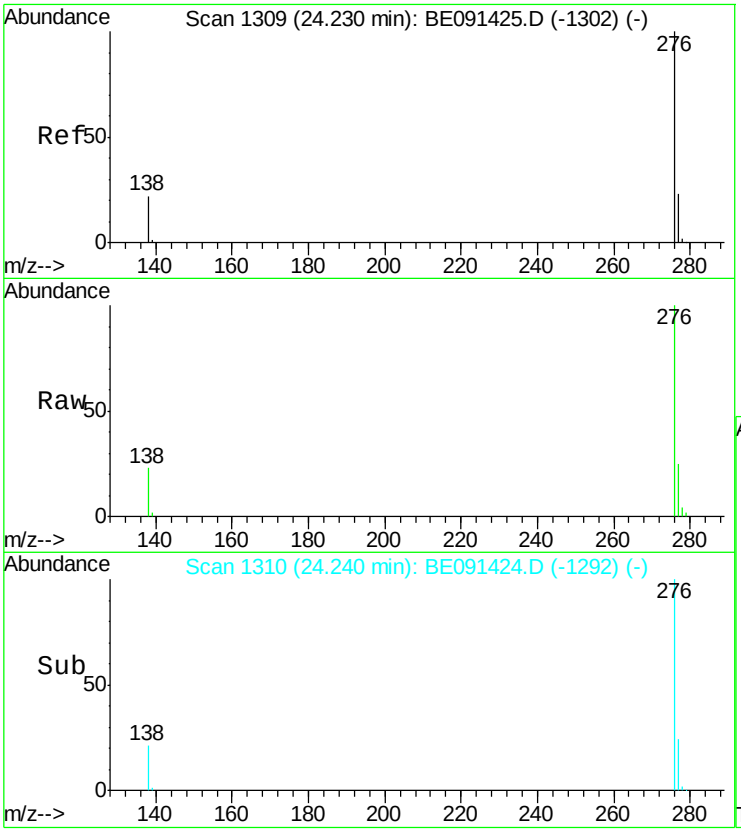


#29
Dibenzo(a,h)anthracene
Concen: 0.27 ng
RT: 23.64 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Tgt Ion:278 Resp: 11434

Ion	Ratio	Lower	Upper
278	100		
139	17.7	12.1	18.1
279	25.7	19.4	29.0





#30
Benzo(g,h,i)perylene
Concen: 0.23 ng
RT: 24.24 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BE091424.D
Acq: 3 Mar 2016 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 12703

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.0	28.6
138	22.9	18.2	27.4