Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA E\DATA\BE070916\
Data File : BE091993.D
Acq On : 9 Jul 2016 11:34
Operator : UM/SJ
Sample : PB91976BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB91976BS

Quant Time: Jul 11 09:04:43 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 16:14:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	22760	5.00	ng		0.00
8) Naphthalene-d8	10.99	136	103930	5.00	ng		0.00
15) Acenaphthene-d10	14.86	164	65151	5.00	ng		0.00
24) Phenanthrene-d10	17.59	188	129109	5.00	ng		0.00
31) Chrysene-d12	21.76	240	212698	5.00	ng		0.00
40) Perylene-d12	24.17	264	152076	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.72	112	45361	8.33	ng		0.00
5) Phenol-d6	7.35	99	61377	8.11	ng		-0.02
9) Nitrobenzene-d5	9.37	82	32604	4.61	ng		-0.02
16) 2,4,6-Tribromophenol	16.35	330	15787	6.79	ng		0.00
17) 2-Fluorobiphenyl	13.47	172	74755	4.70	ng		-0.01
34) Terphenyl-d14	20.22	244	93094	3.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	10753	3.48	ng	#	86
3) n-Nitrosodimethylamine	3.80	42	18059	4.53	ng	#	80
6) bis(2-Chloroethyl)ether	7.61	93	27895	4.23	ng		97
7) n-Nitroso-di-n-propylamine	9.00	70	23268	3.68	ng	#	100
10) Nitrobenzene	9.40	77	33404	4.35	ng	#	100
11) bis(2-Chloroethoxy)methane	10.40	93	36163	4.17	ng	#	13
12) Naphthalene	11.04	128	93169	3.85	ng		98
13) Hexachlorobutadiene	11.34	225	13268	3.61	ng		97
14) 2-Methylnaphthalene	12.66	142	62366	4.01	ng		95
18) Acenaphthylene	14.56	152	401486	4.91	ng	#	72
19) 2,6-Dinitrotoluene	14.44	165	72937	3.89	ng	#	10
20) Acenaphthene	14.92	154	64740	3.63	ng	#	1
21) 2,4-Dinitrotoluene	15.22	165	86832	4.16	ng	#	53
22) Fluorene	15.90	166	78877	4.20	ng		100
23) 4-Chlorophenyl-phenylether	15.90	204	37311	3.98	ng		100
25) 4-Bromophenyl-phenylether	16.78	248	22932	4.09	ng		100
26) Hexachlorobenzene	16.90	284	22500m	4.04	ng		
27) Pentachlorophenol	17.25	266	20331	6.80	ng		90
28) Phenanthrene	17.63	178	137174	4.08	ng		99
29) Anthracene	17.72	178	129540	4.12	ng		100
30) Fluoranthene	19.65	202	548956	3.80	ng	#	87
32) Benzidine	19.83	184	5674	0.54	ng		94
33) Pyrene	19.99	202	605840	3.91	ng	#	64
35) Benzo(a)anthracene	21.73	228	188434m	5.29	ng		
36) 3,3'-Dichlorobenzidine	21.67	252	18243	1.94	ng	#	61
37) Chrysene	21.79	228	214317m	4.25	ng		
38) Bis(2-ethylhexyl)phthalate	21.64	149	143079	3.47	ng	#	100
39) Indeno(1,2,3-cd)pyrene	26.68	276	774629	3.91	ng		97
41) Benzo(b)fluoranthene	23.42	252	166788	3.97	ng		97
42) Benzo(k)fluoranthene	23.48	252	179256	4.42	ng		97
43) Benzo(a)pyrene	24.06	252	161572	4.07	ng		96
44) Dibenzo(a,h)anthracene	26.72	278	162204	4.35	ng		97
45) Benzo(g,h,i)perylene	27.47	276	656440	4.31	ng		98

Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA E\DATA\BE070916\
Data File : BE091993.D
Acq On : 9 Jul 2016 11:34
Operator : UM/SJ
Sample : PB91976BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB91976BS

Quant Time: Jul 11 09:04:43 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 16:14:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA E\DATA\BE070916\
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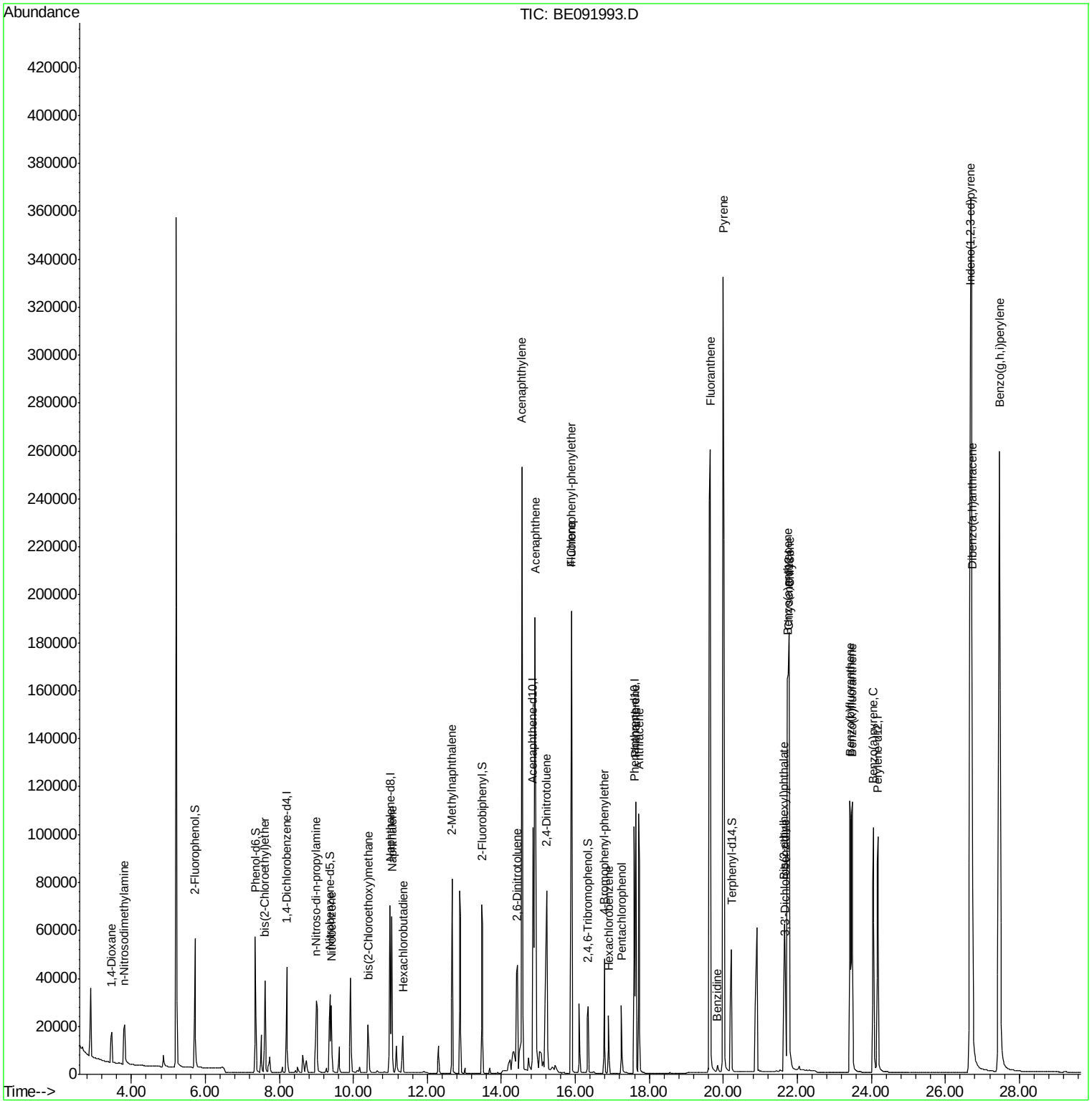
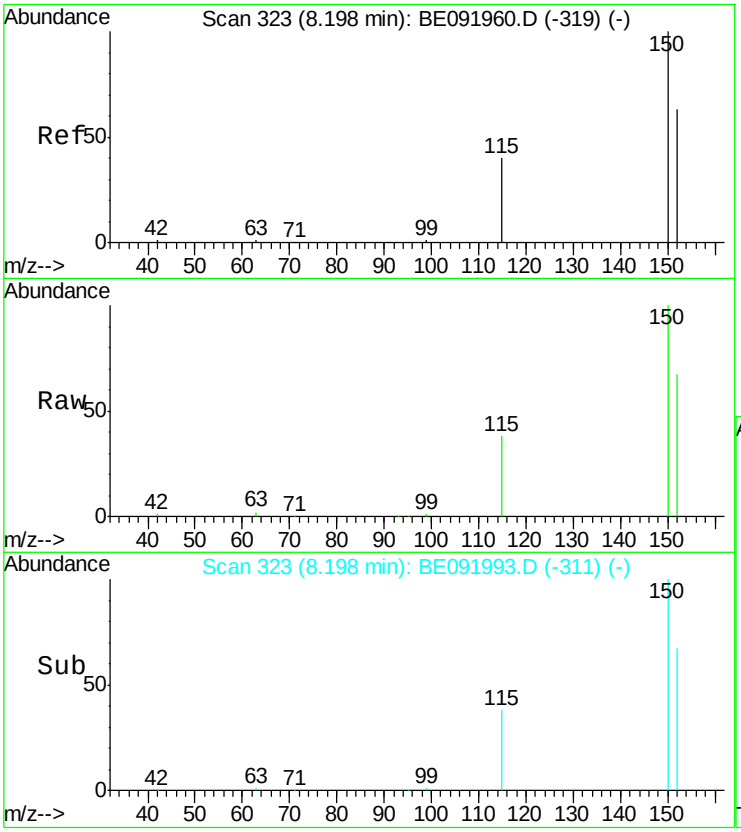


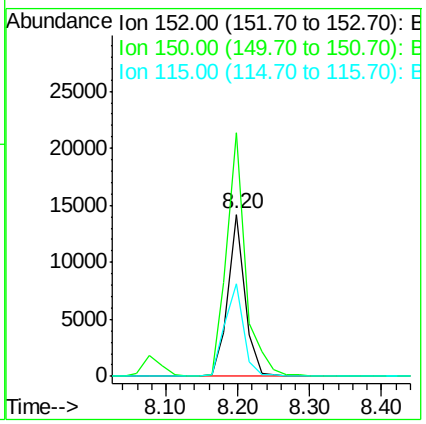


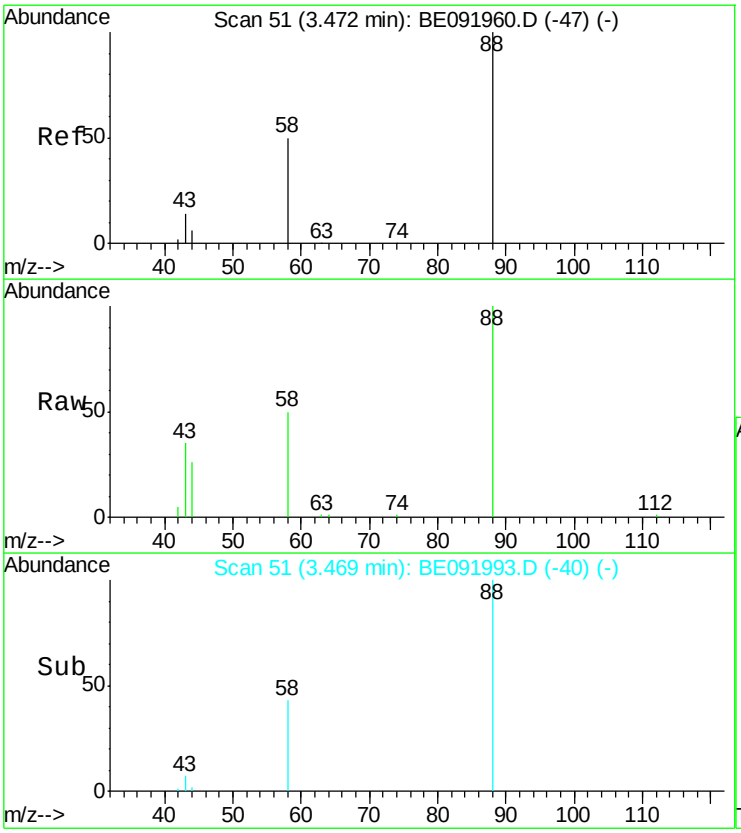
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.20 min Scan# 323
Delta R.T. 0.00 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Instrument :
BNA_E
ClientSampleId :
PB91976BS

Tgt Ion:152 Resp: 22760

Ion	Ratio	Lower	Upper
152	100		
150	150.1	123.9	185.9
115	57.4	48.3	72.5

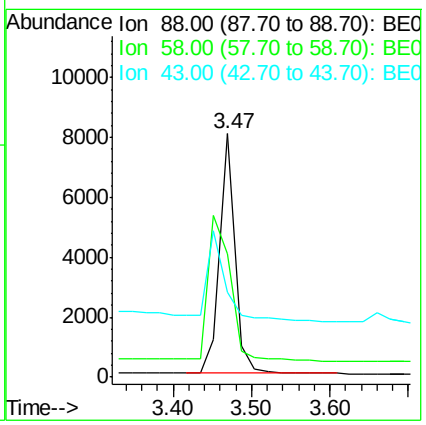


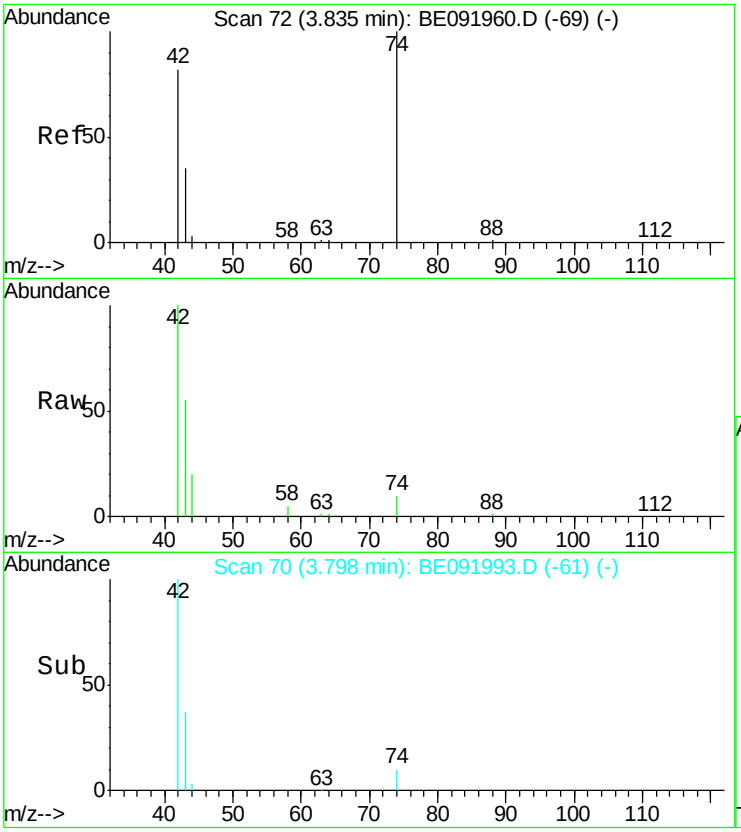


#2
1,4-Dioxane
Concen: 3.48 ng
RT: 3.47 min Scan# 51
Delta R.T. -0.00 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Tgt Ion: 88 Resp: 10753

Ion	Ratio	Lower	Upper
88	100		
58	88.6	63.0	94.4
43	47.8	29.1	43.7#



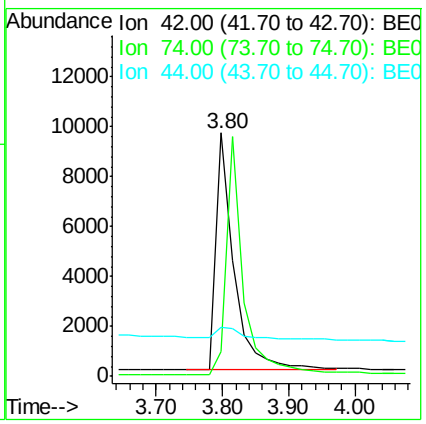


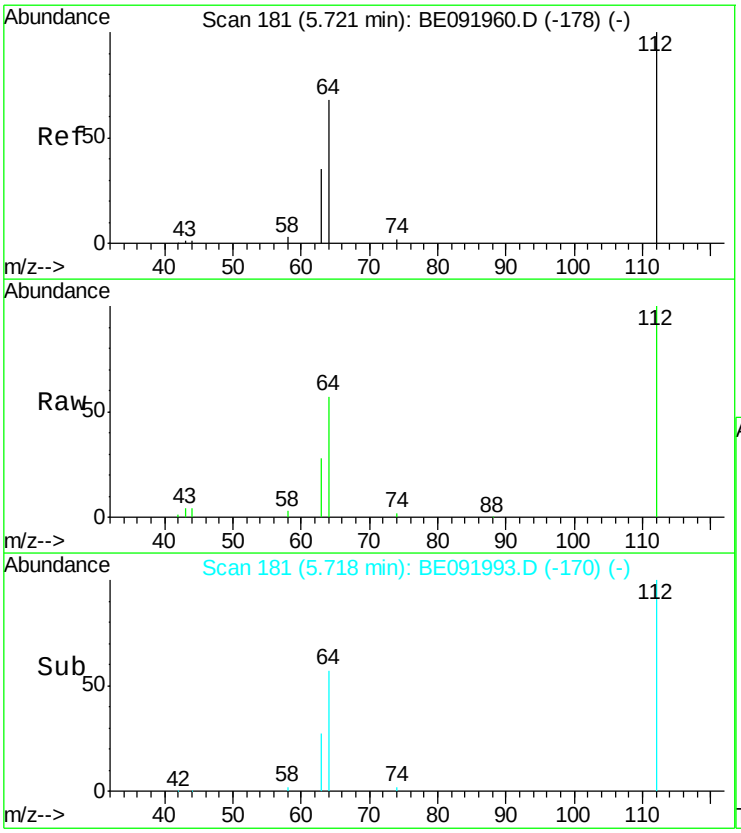
#3
n-Nitrosodimethylamine
Concen: 4.53 ng
RT: 3.80 min Scan# 70
Delta R.T. -0.04 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Instrument :
BNA_E
ClientSampleId :
PB91976BS

Tgt Ion: 42 Resp: 18059

Ion	Ratio	Lower	Upper
42	100		
74	94.4	93.4	140.0
44	8.9	5.0	7.6#

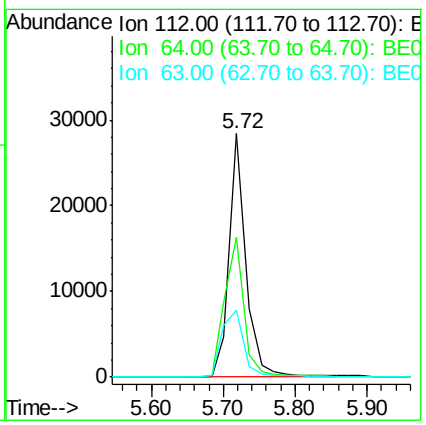


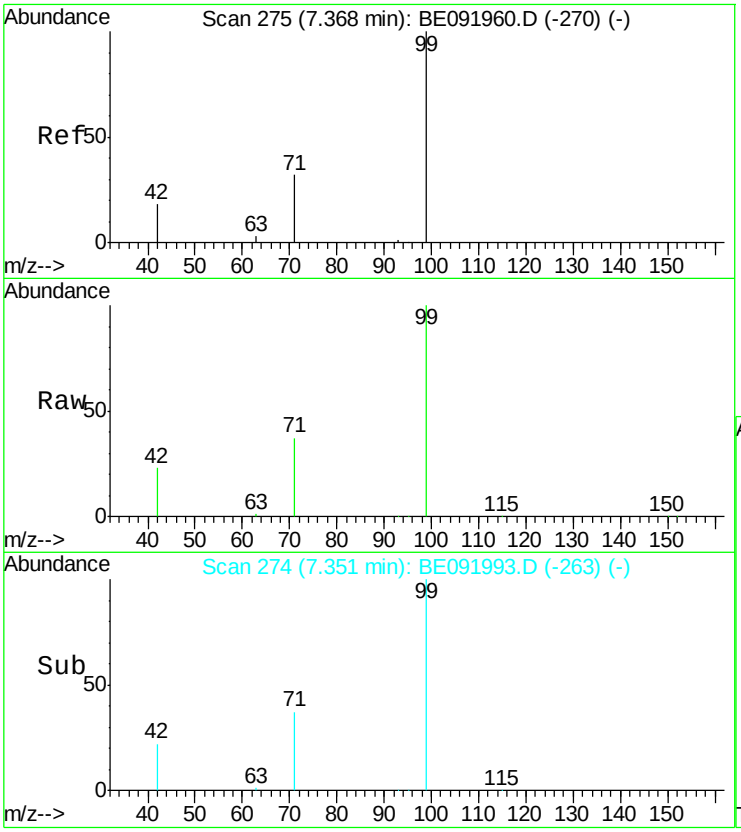


#4
2-Fluorophenol
Concen: 8.33 ng
RT: 5.72 min Scan# 181
Delta R.T. -0.00 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Tgt Ion:112 Resp: 45361

Ion	Ratio	Lower	Upper
112	100		
64	66.4	53.7	80.5
63	35.9	29.5	44.3



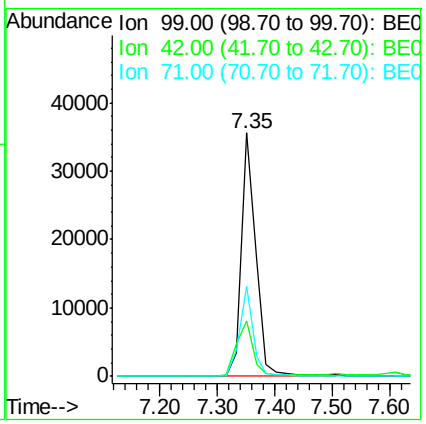


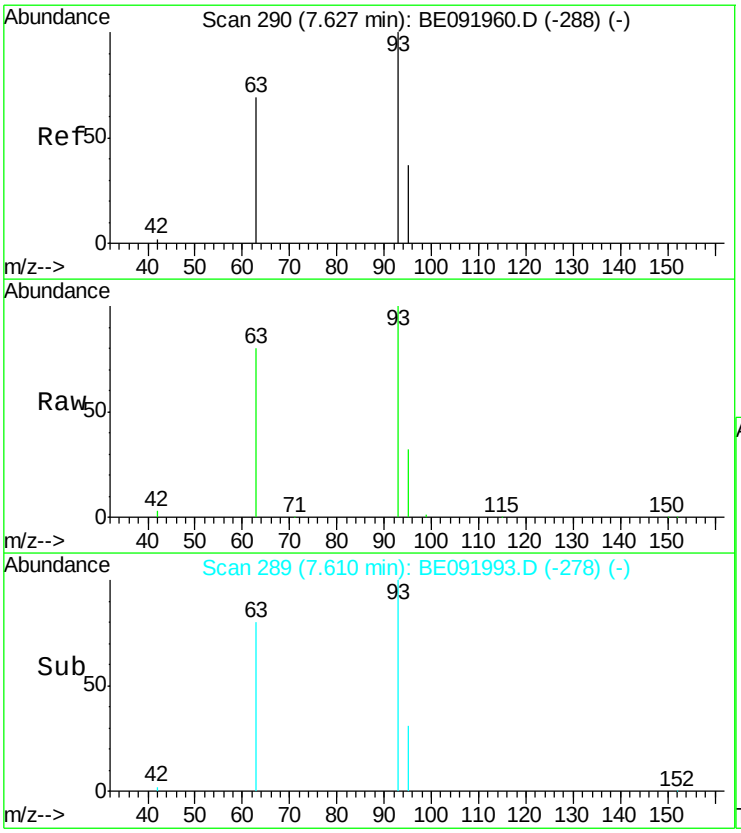
#5
Phenol-d6
Concen: 8.11 ng
RT: 7.35 min Scan# 274
Delta R.T. -0.02 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Instrument :
BNA_E
ClientSampleId :
PB91976BS

Tgt Ion: 99 Resp: 61377

Ion	Ratio	Lower	Upper
99	100		
42	25.3	19.6	29.4
71	35.0	28.1	42.1

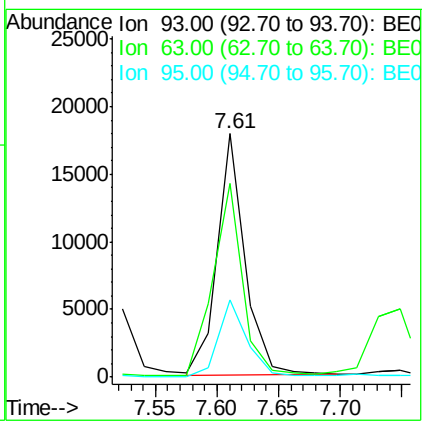


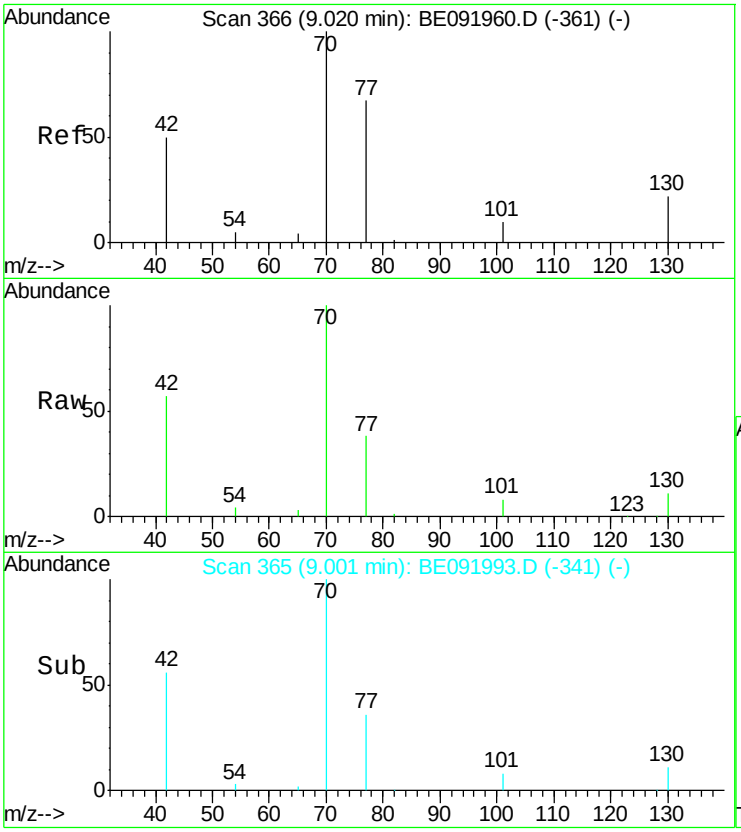


#6
bis(2-Chloroethyl)ether
Concen: 4.23 ng
RT: 7.61 min Scan# 289
Delta R.T. -0.02 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Tgt Ion: 93 Resp: 27895

Ion	Ratio	Lower	Upper
93	100		
63	85.5	66.2	99.4
95	32.7	25.5	38.3



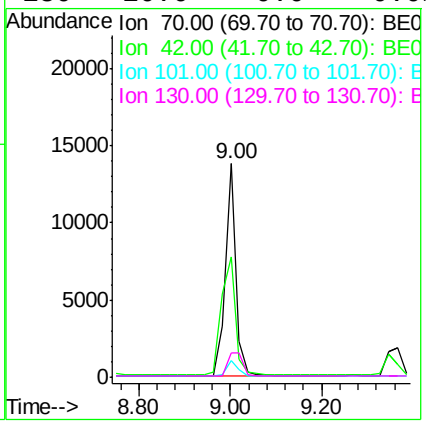


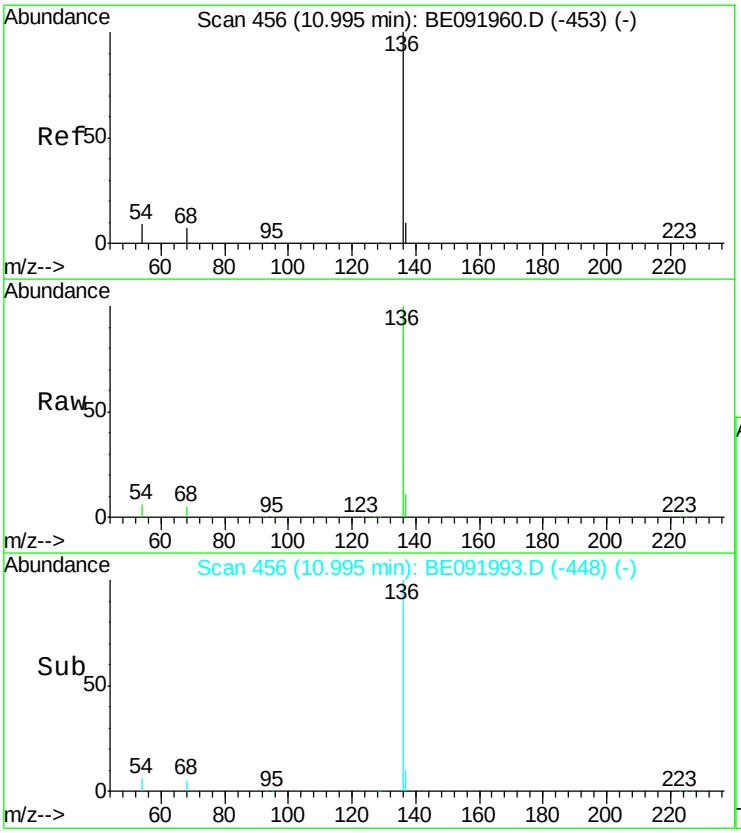
#7
n-Nitroso-di-n-propylamine
Concen: 3.68 ng
RT: 9.00 min Scan# 365
Delta R.T. -0.02 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Instrument :
BNA_E
ClientSampleId :
PB91976BS

Tgt Ion: 70 Resp: 23268

Ion	Ratio	Lower	Upper
70	100		
42	73.0	58.4	87.6
101	8.2	6.4	9.6
130	16.6	0.0	0.0#

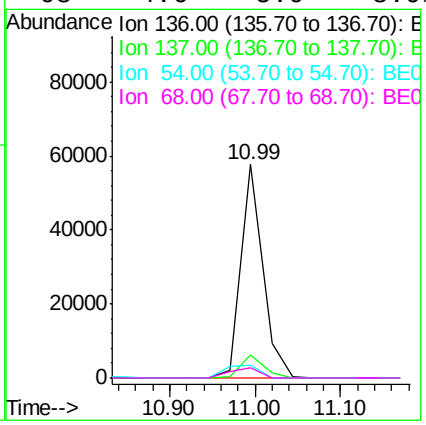


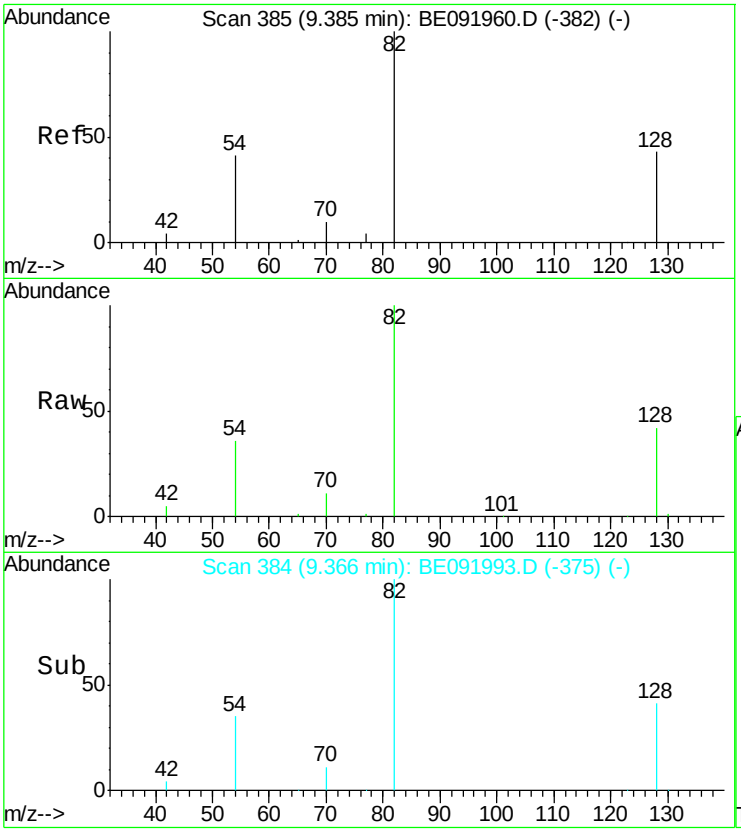


#8
Naphthalene-d8
Concen: 5.00 ng
RT: 10.99 min Scan# 456
Delta R.T. -0.00 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Tgt Ion:136 Resp: 103930

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.3	12.5
54	5.8	8.2	12.4#
68	4.6	5.9	8.9#



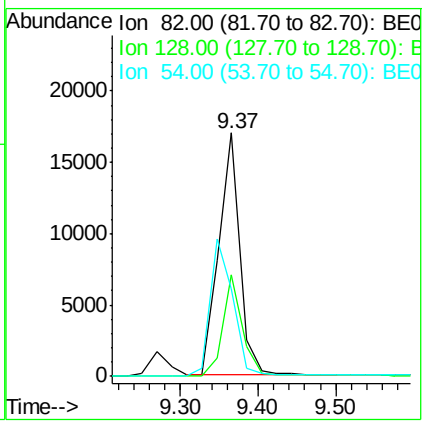


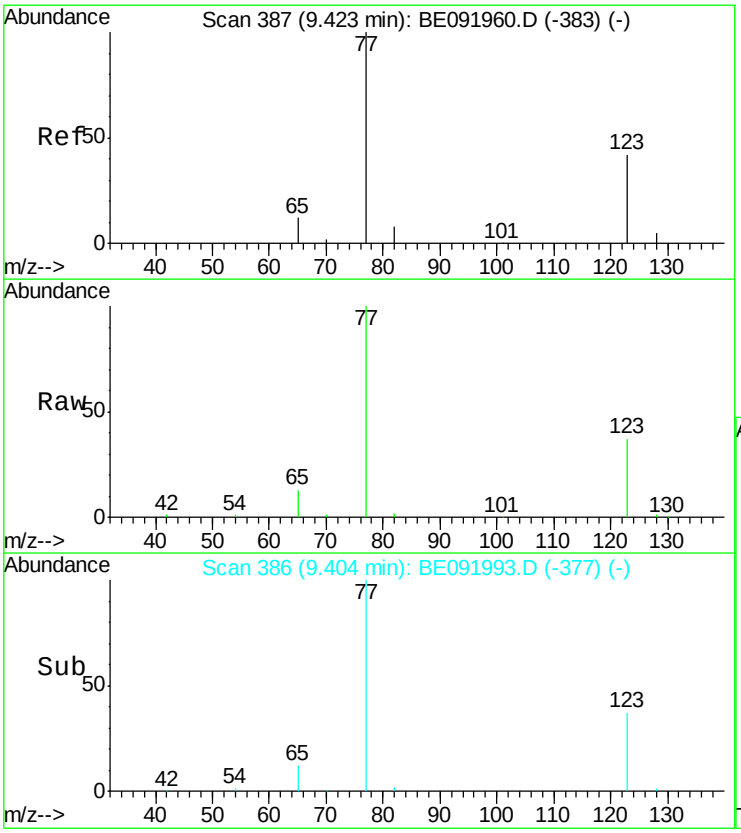
#9
Nitrobenzene-d5
Concen: 4.61 ng
RT: 9.37 min Scan# 384
Delta R.T. -0.02 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Instrument :
BNA_E
ClientSampleId :
PB91976BS

Tgt Ion: 82 Resp: 32604

Ion	Ratio	Lower	Upper
82	100		
128	41.6	39.5	59.3
54	35.7	30.3	45.5

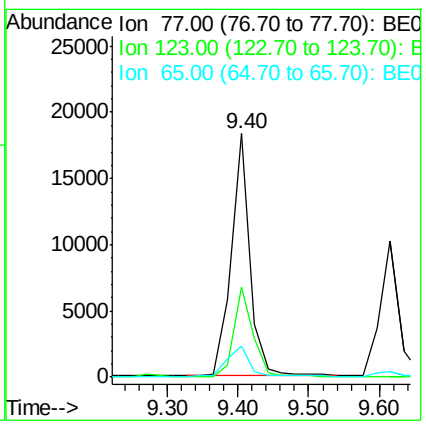


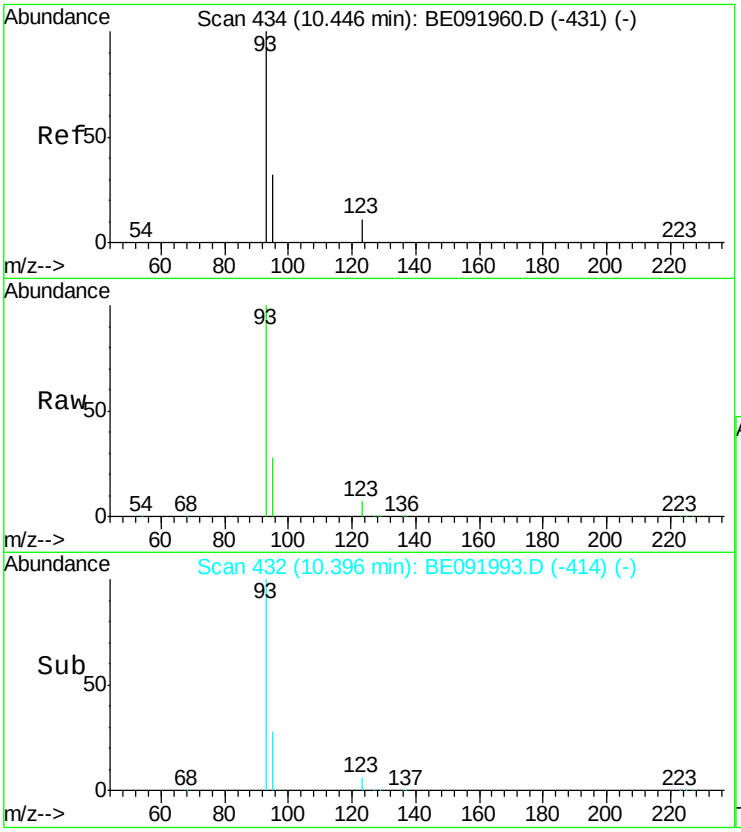


#10
Nitrobenzene
Concen: 4.35 ng
RT: 9.40 min Scan# 386
Delta R.T. -0.02 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Tgt Ion: 77 Resp: 33404

Ion	Ratio	Lower	Upper
77	100		
123	38.1	0.0	0.0#
65	14.0	11.1	16.7



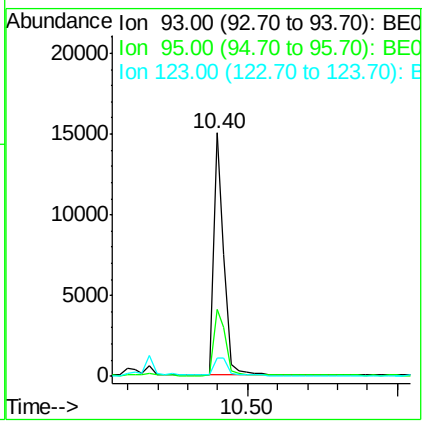


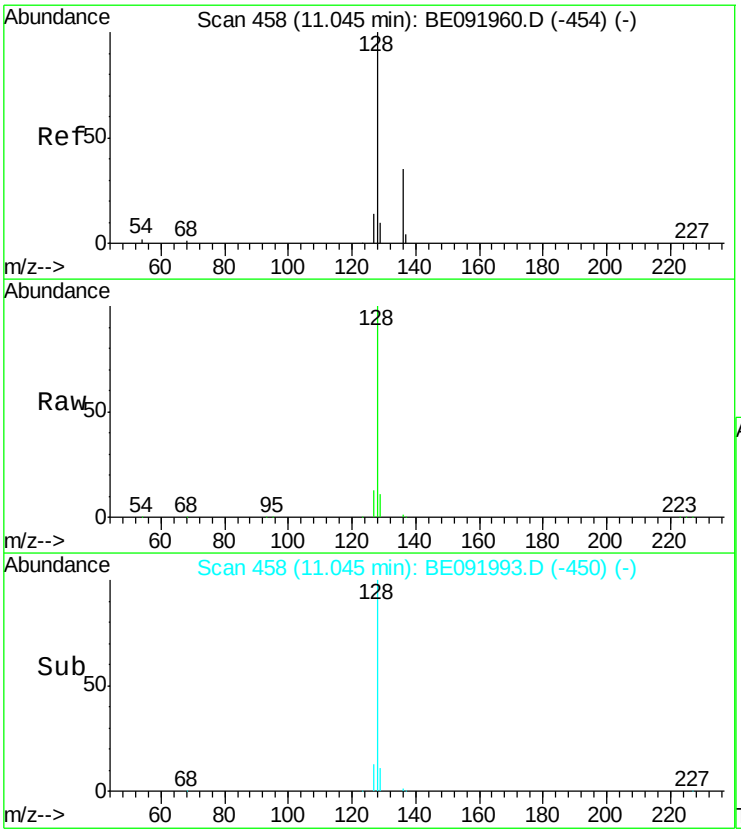
#11
bis(2-Chloroethoxy)methane
Concen: 4.17 ng
RT: 10.40 min Scan# 432
Delta R.T. -0.05 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Instrument :
BNA_E
ClientSampleId :
PB91976BS

Tgt Ion: 93 Resp: 36163

Ion	Ratio	Lower	Upper
93	100		
95	31.7	57.6	86.4#
123	0.0	100.2	150.4#

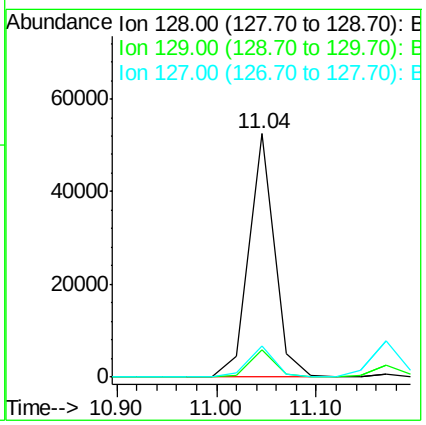


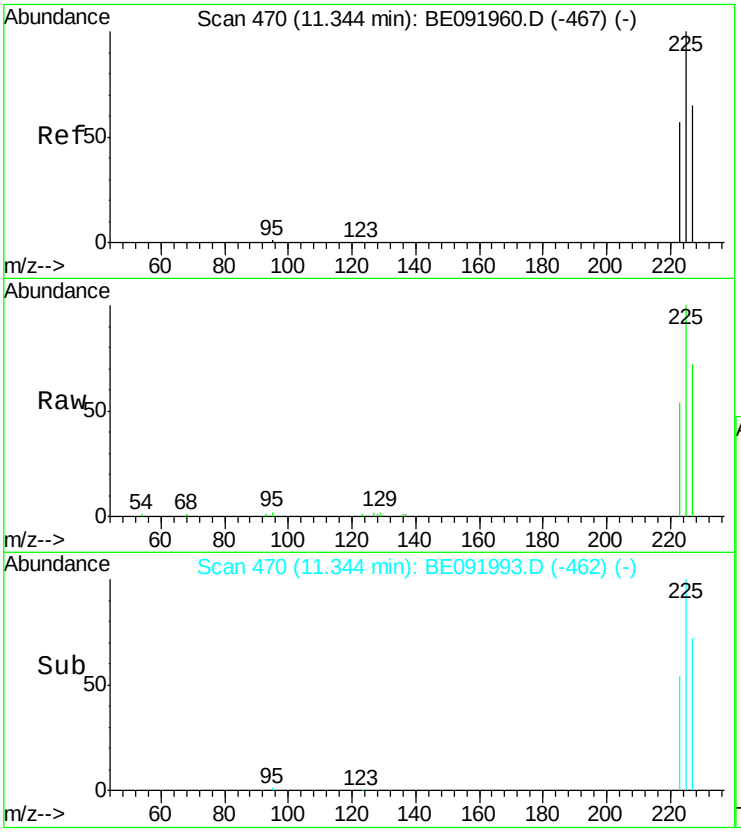


#12
Naphthalene
Concen: 3.85 ng
RT: 11.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Tgt Ion:128 Resp: 93169

Ion	Ratio	Lower	Upper
128	100		
129	11.2	10.4	15.6
127	12.8	10.2	15.2



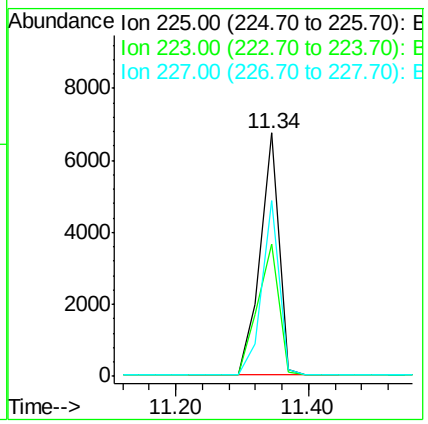


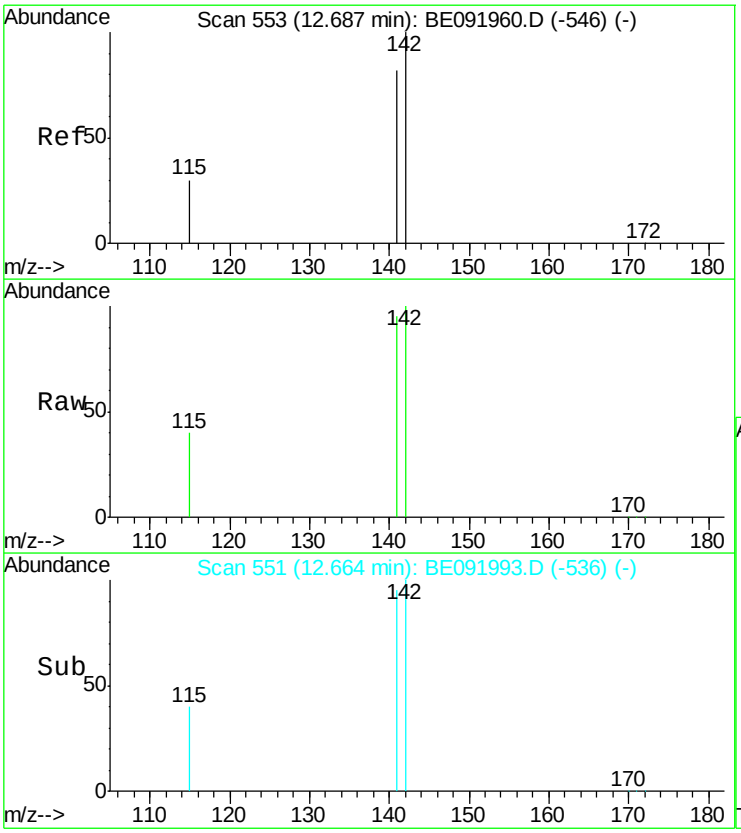
#13
Hexachlorobutadiene
Concen: 3.61 ng
RT: 11.34 min Scan# 470
Delta R.T. -0.00 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Instrument :
BNA_E
ClientSampleId :
PB91976BS

Tgt Ion:225 Resp: 13268

Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.8	74.8
227	66.2	50.6	75.8

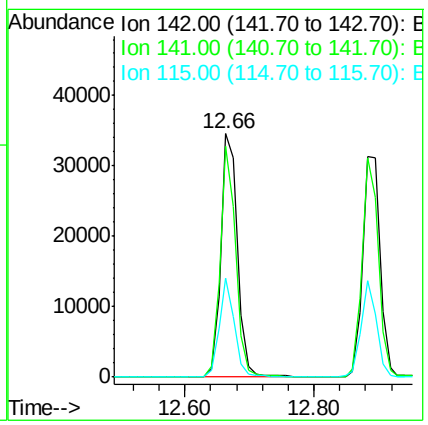


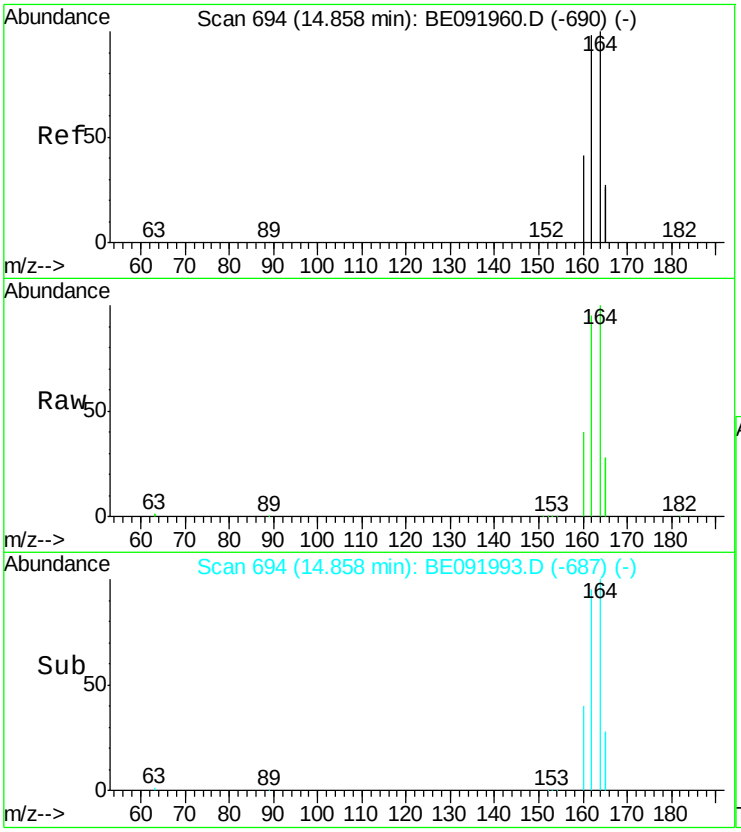


#14
2-Methylnaphthalene
Concen: 4.01 ng
RT: 12.66 min Scan# 551
Delta R.T. -0.02 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Tgt Ion:142 Resp: 62366

Ion	Ratio	Lower	Upper
142	100		
141	94.9	71.9	107.9
115	40.4	29.9	44.9



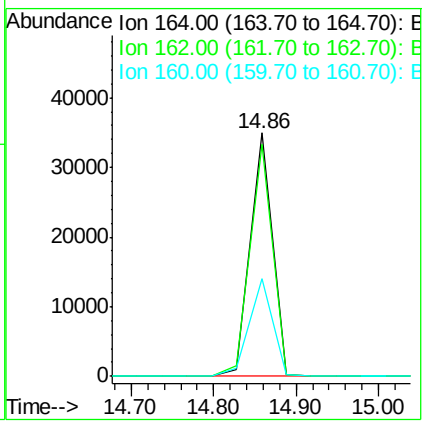


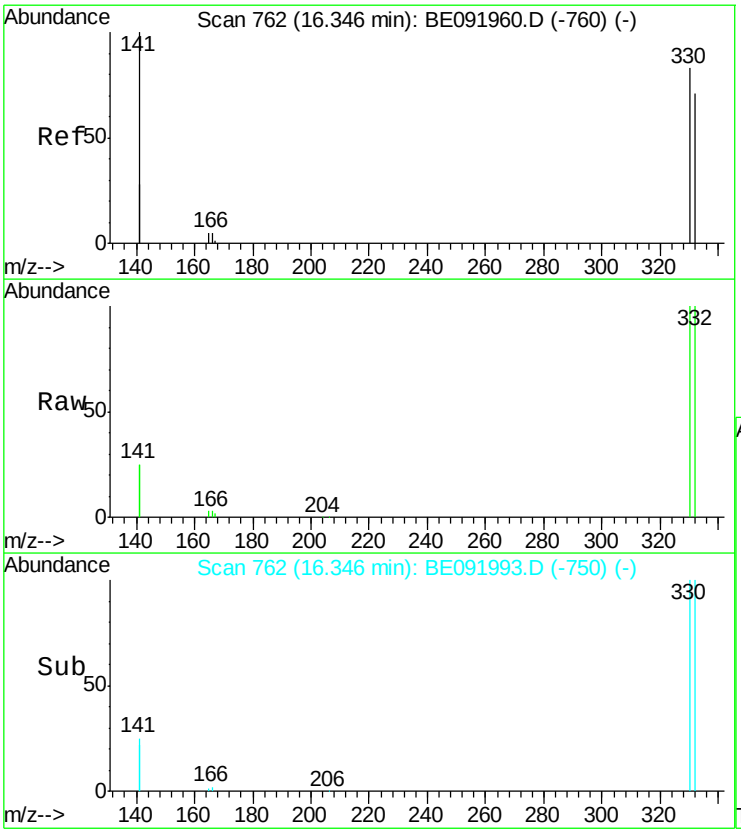
#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. -0.00 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Instrument :
BNA_E
ClientSampleId :
PB91976BS

Tgt Ion:164 Resp: 65151

Ion	Ratio	Lower	Upper
164	100		
162	95.2	71.8	107.8
160	39.9	28.0	42.0

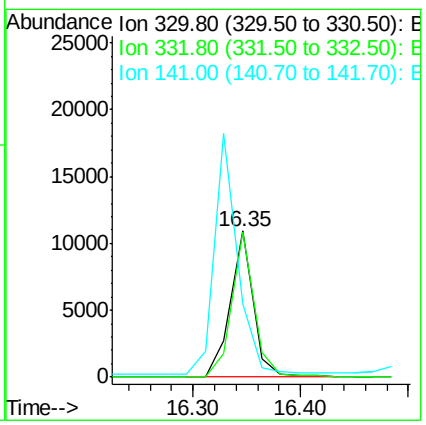


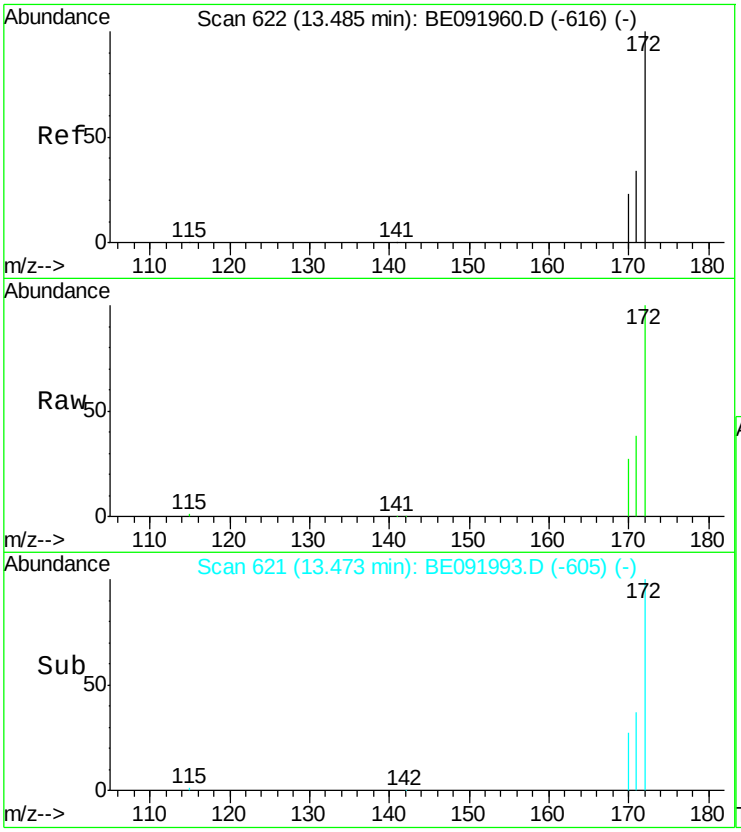


#16
2,4,6-Tribromophenol
Concen: 6.79 ng
RT: 16.35 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Tgt Ion:330 Resp: 15787

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	169.5	138.4	207.6



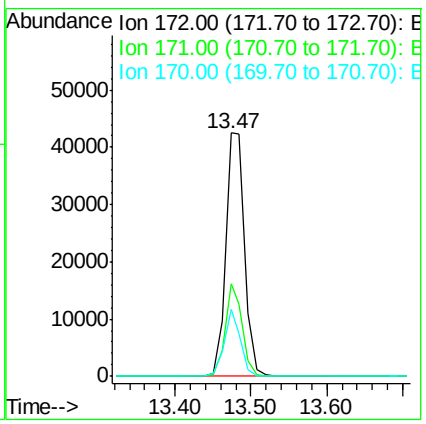


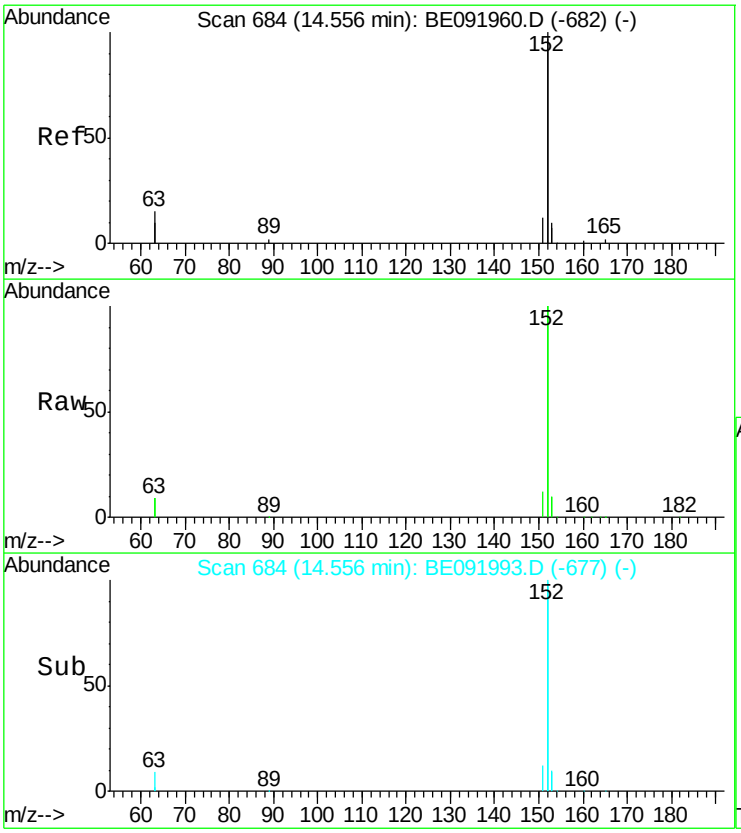
#17
2-Fluorobiphenyl
Concen: 4.70 ng
RT: 13.47 min Scan# 621
Delta R.T. -0.01 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Instrument :
BNA_E
ClientSampleId :
PB91976BS

Tgt Ion:172 Resp: 74755

Ion	Ratio	Lower	Upper
172	100		
171	37.8	24.3	36.5#
170	27.3	14.9	22.3#

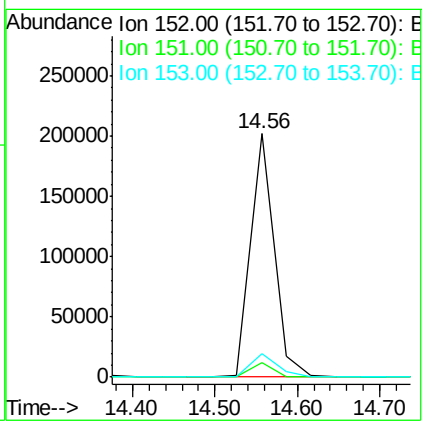


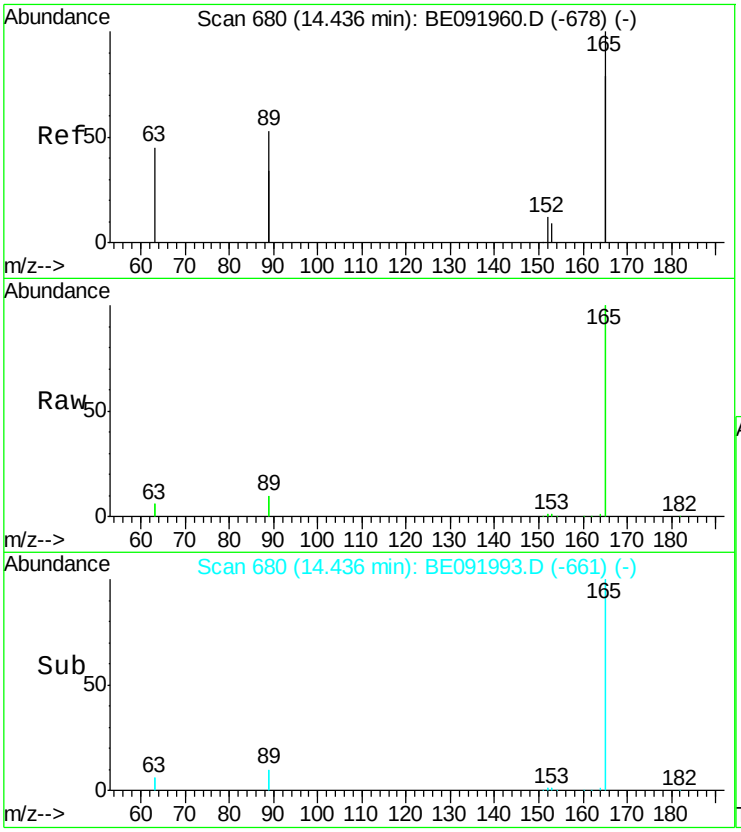


#18
Acenaphthylene
Concen: 4.91 ng
RT: 14.56 min Scan# 684
Delta R.T. -0.00 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Tgt Ion:152 Resp: 401486

Ion	Ratio	Lower	Upper
152	100		
151	5.7	19.4	29.2#
153	10.9	14.4	21.6#



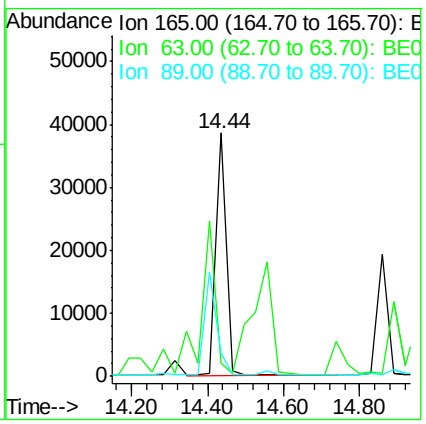


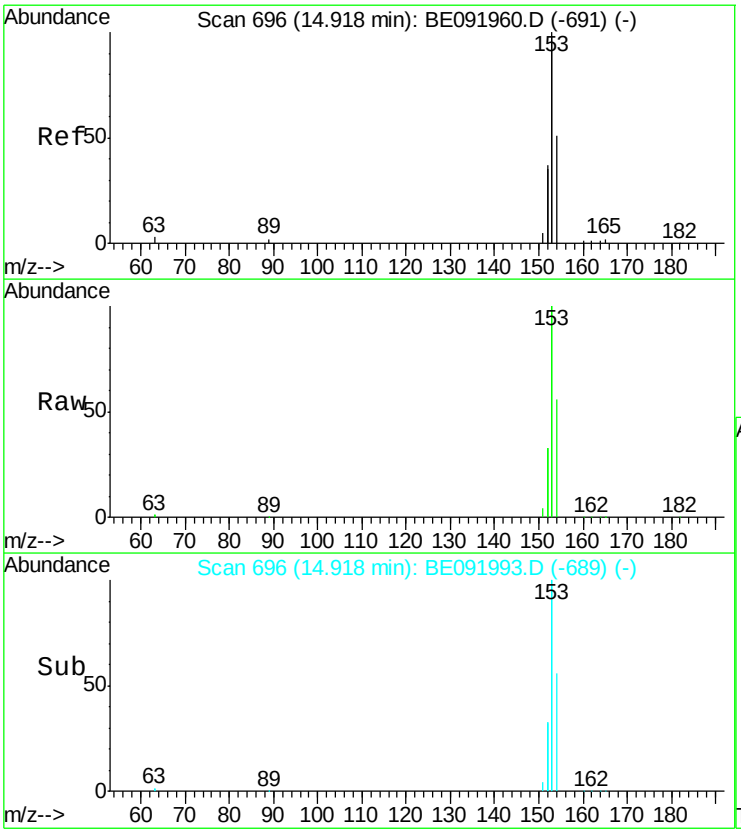
#19
2,6-Dinitrotoluene
Concen: 3.89 ng
RT: 14.44 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Instrument :
BNA_E
ClientSampleId :
PB91976BS

Tgt Ion:165 Resp: 72937

Ion	Ratio	Lower	Upper
165	100		
63	0.0	65.9	98.9#
89	0.0	59.1	88.7#

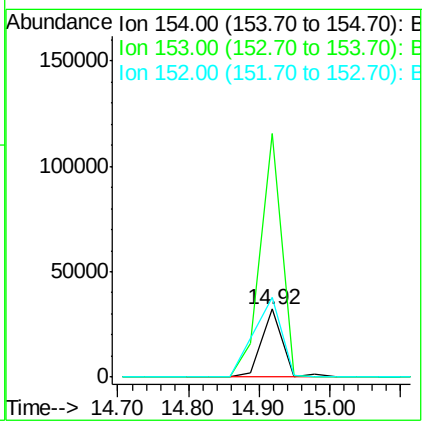


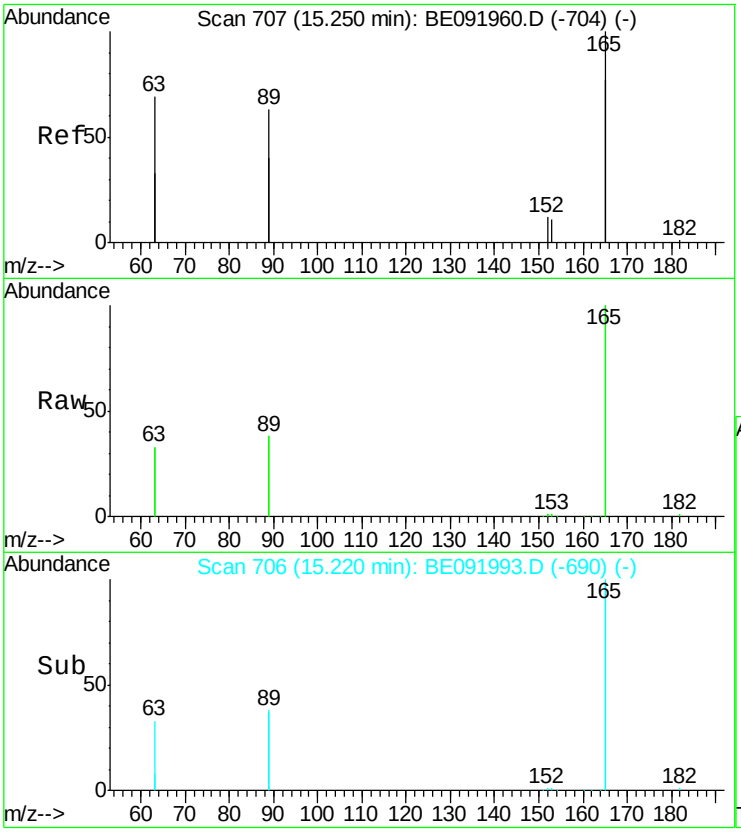


#20
Acenaphthene
Concen: 3.63 ng
RT: 14.92 min Scan# 696
Delta R.T. -0.00 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Tgt Ion:154 Resp: 64740

Ion	Ratio	Lower	Upper
154	100		
153	368.8	88.1	132.1#
152	155.6	44.2	66.2#



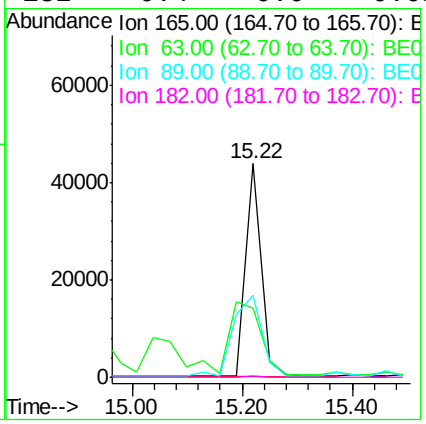


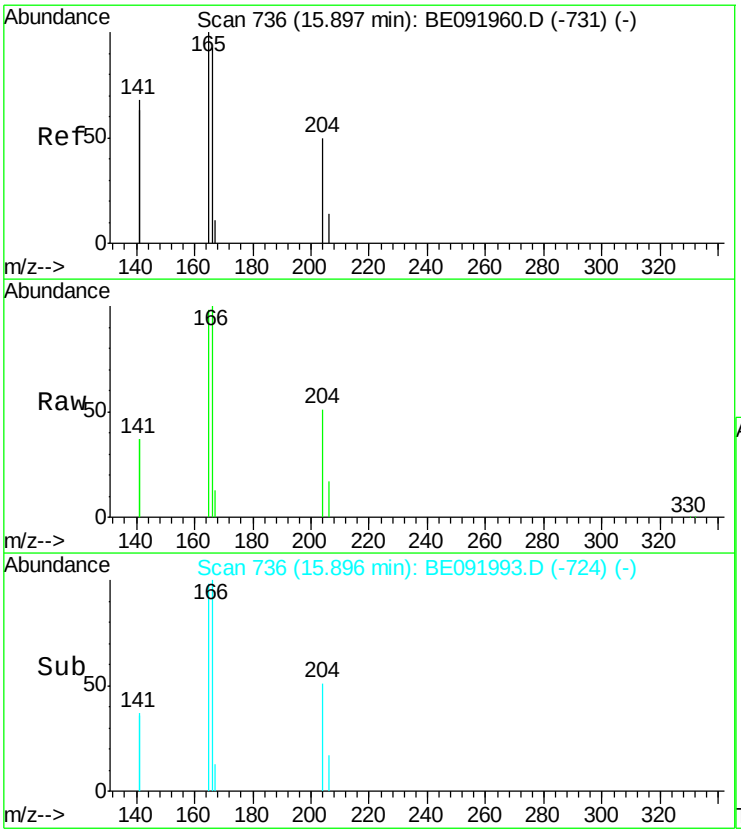
#21
2,4-Dinitrotoluene
Concen: 4.16 ng
RT: 15.22 min Scan# 706
Delta R.T. -0.03 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Instrument :
BNA_E
ClientSampleId :
PB91976BS

Tgt Ion:165 Resp: 86832

Ion	Ratio	Lower	Upper
165	100		
63	0.0	0.0	0.0
89	71.8	99.8	149.8#
182	0.4	0.0	0.0#

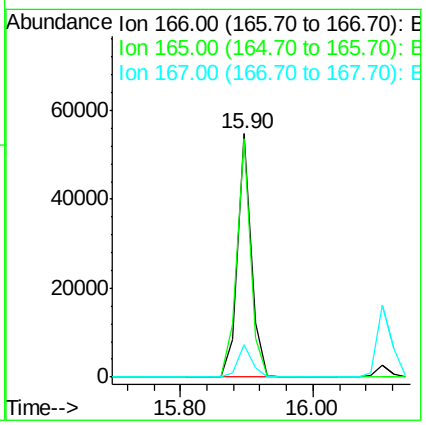


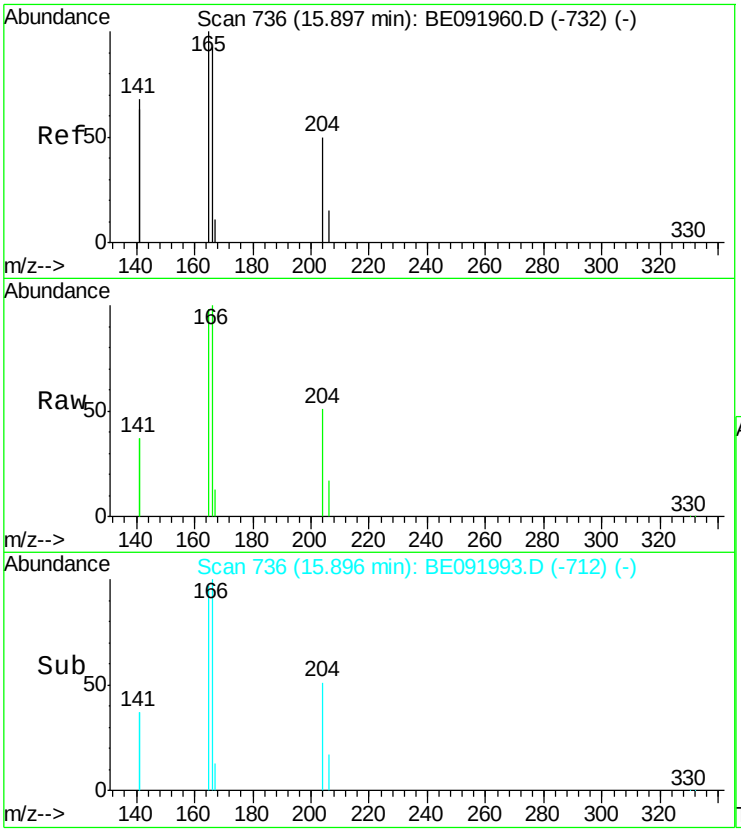


#22
Fluorene
Concen: 4.20 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Tgt Ion:166 Resp: 78877

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.6	117.8
167	13.6	10.8	16.2



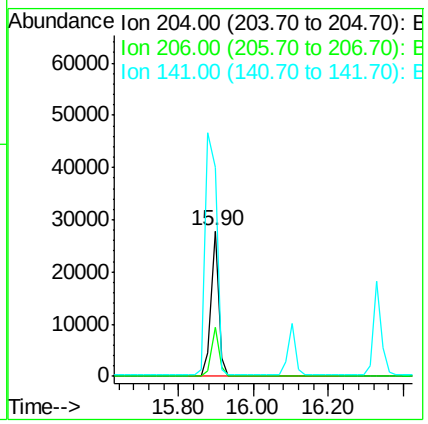


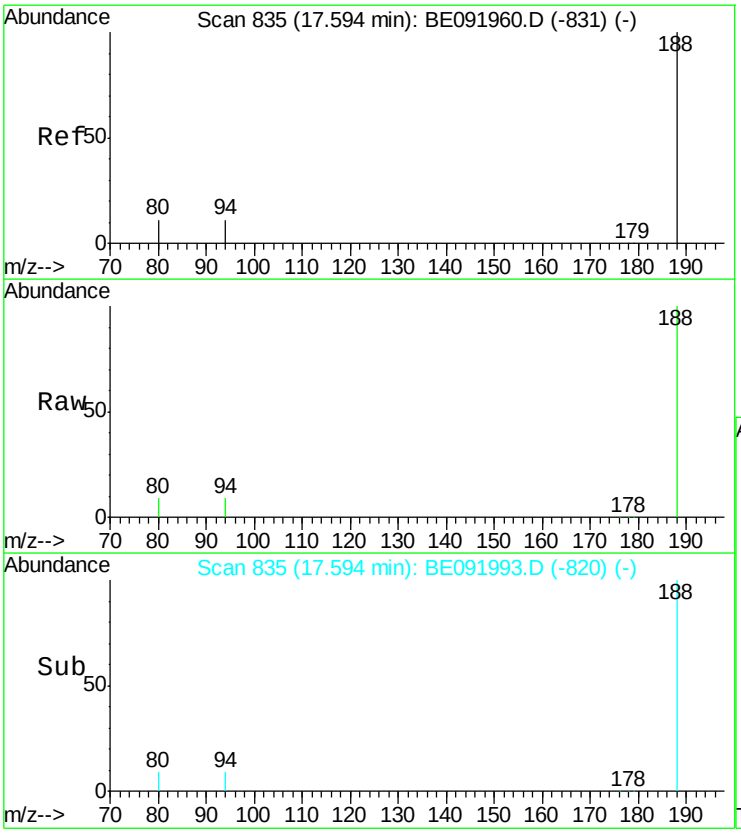
#23
4-Chlorophenyl-phenylether
Concen: 3.98 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Instrument :
BNA_E
ClientSampleId :
PB91976BS

Tgt Ion:204 Resp: 37311

Ion	Ratio	Lower	Upper
204	100		
206	34.1	27.8	41.6
141	247.7	197.6	296.4

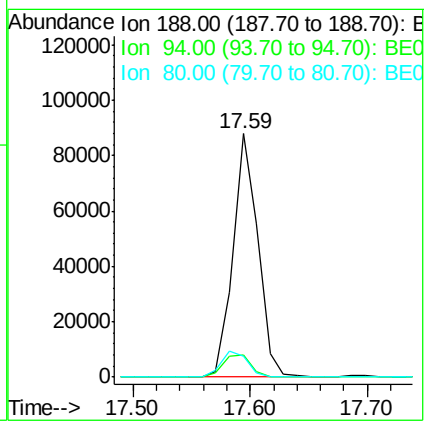


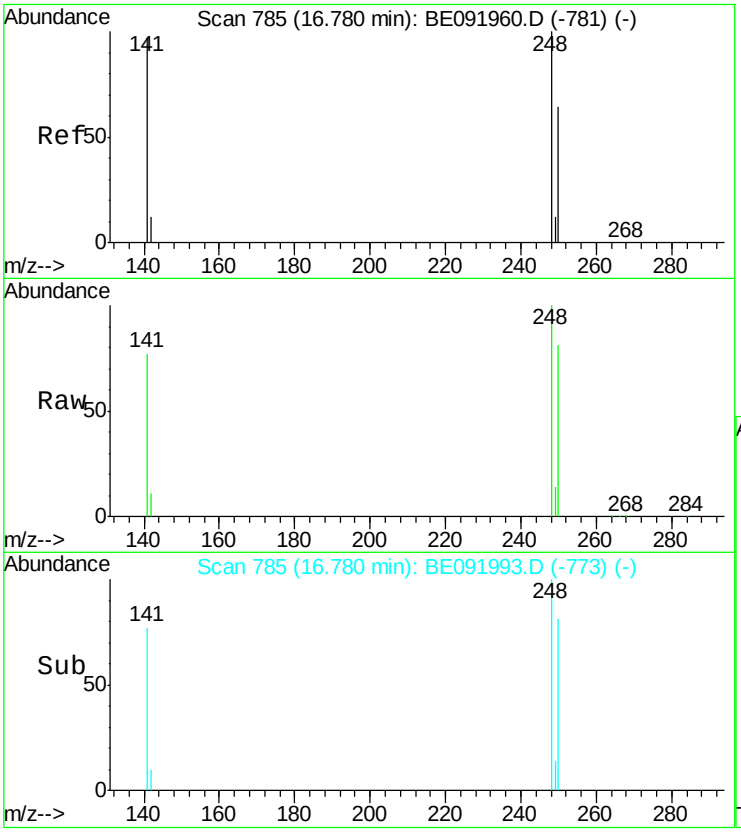


#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. -0.00 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Tgt Ion:188 Resp: 129109

Ion	Ratio	Lower	Upper
188	100		
94	8.9	4.1	6.1#
80	8.6	3.4	5.2#



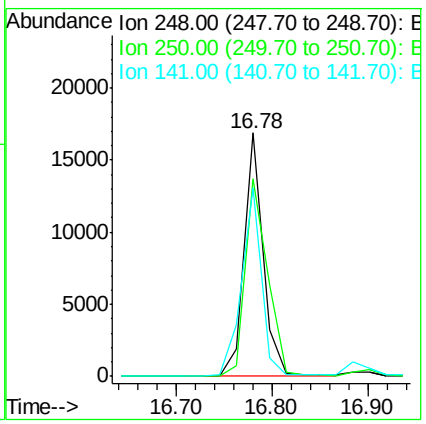


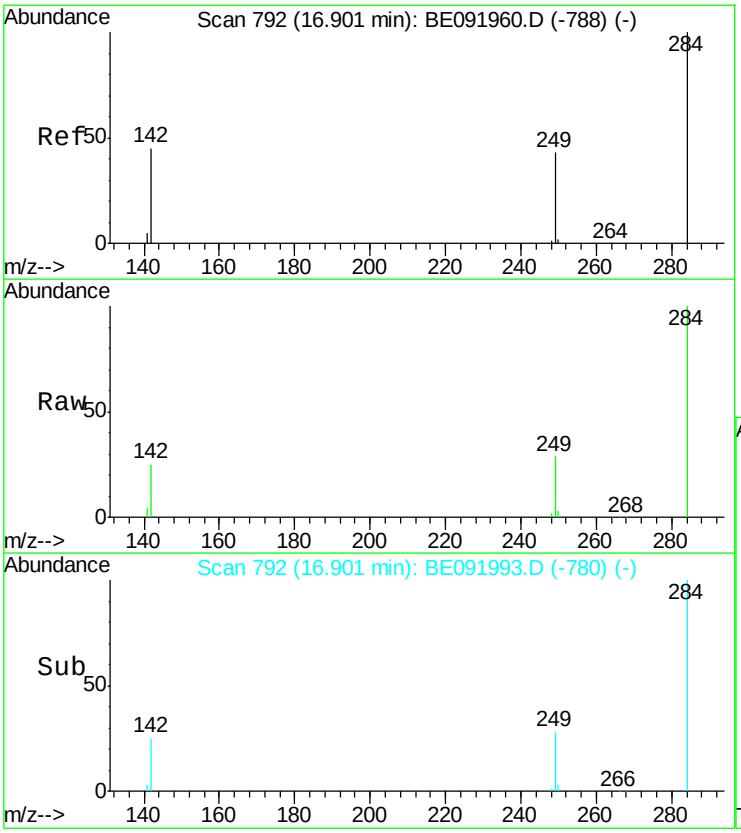
#25
4-Bromophenyl-phenylether
Concen: 4.09 ng
RT: 16.78 min Scan# 785
Delta R.T. -0.00 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Instrument :
BNA_E
ClientSampleId :
PB91976BS

Tgt Ion:248 Resp: 22932

Ion	Ratio	Lower	Upper
248	100		
250	94.7	75.7	113.5
141	81.0	64.6	97.0

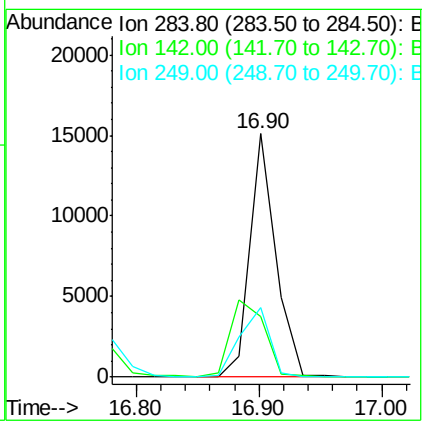


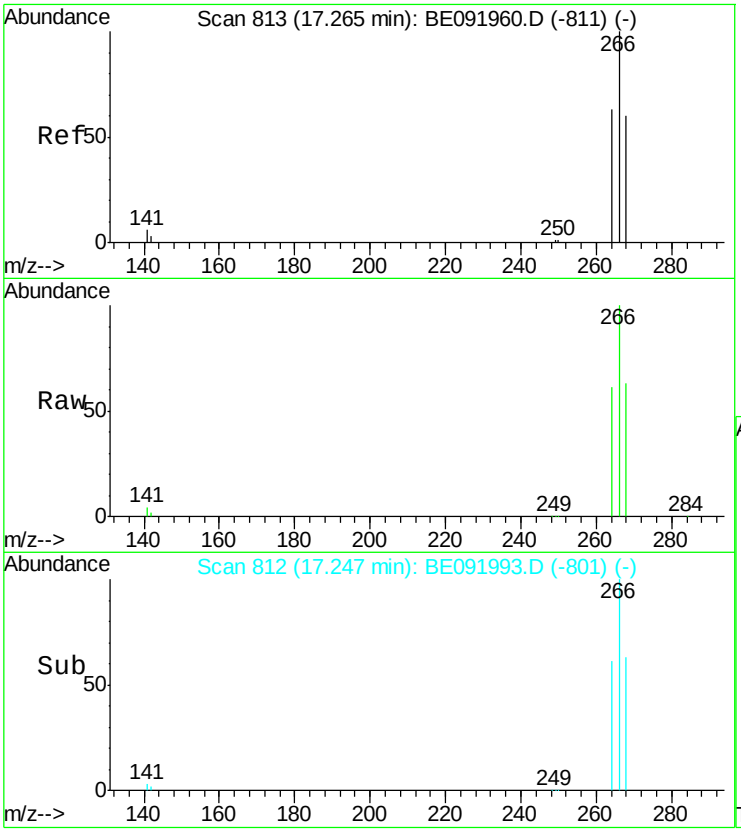


#26
Hexachlorobenzene
Concen: 4.04 ng m
RT: 16.90 min Scan# 792
Delta R.T. -0.00 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Tgt Ion:284 Resp: 22500

Ion	Ratio	Lower	Upper
284	100		
142	40.2	31.4	47.2
249	32.1	25.3	37.9



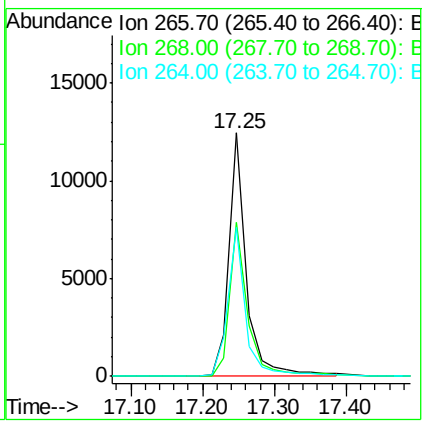


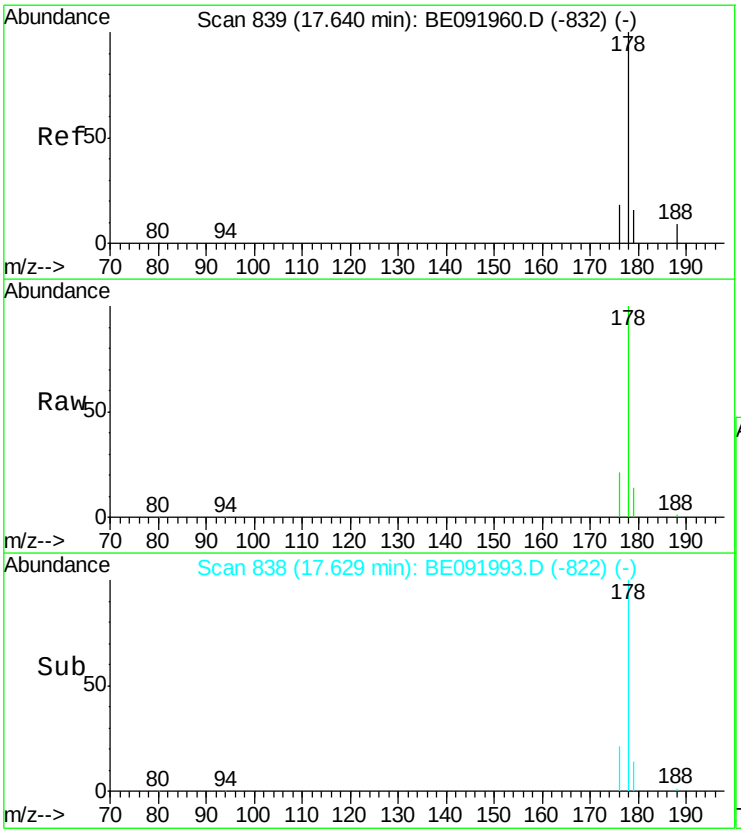
#27
Pentachlorophenol
Concen: 6.80 ng
RT: 17.25 min Scan# 812
Delta R.T. -0.02 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Instrument :
BNA_E
ClientSampleId :
PB91976BS

Tgt Ion:266 Resp: 20331

Ion	Ratio	Lower	Upper
266	100		
268	63.0	60.5	90.7
264	61.1	51.0	76.4

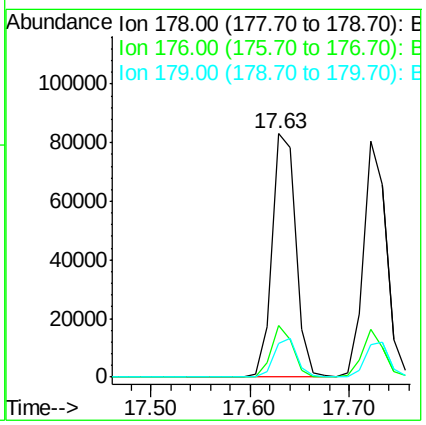


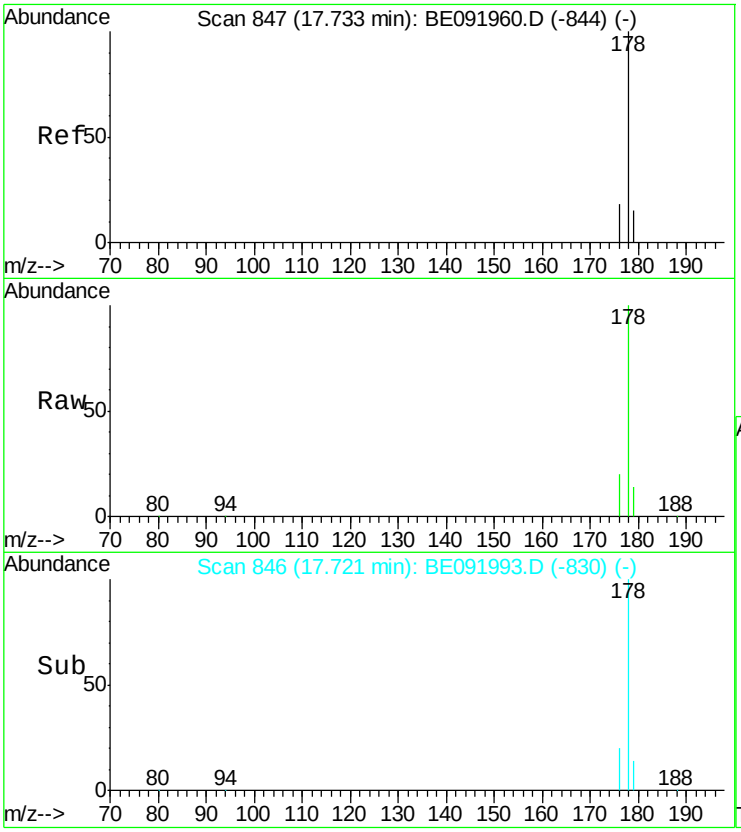


#28
Phenanthrene
Concen: 4.08 ng
RT: 17.63 min Scan# 838
Delta R.T. -0.01 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Tgt Ion:178 Resp: 137174

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.5	12.9	19.3



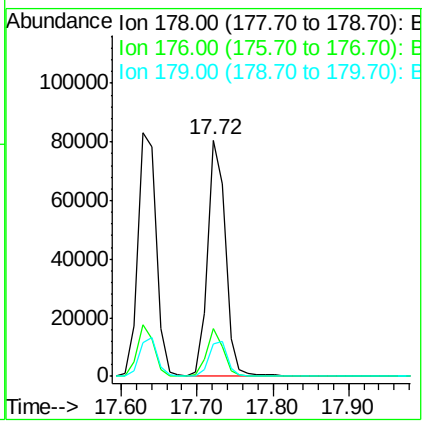


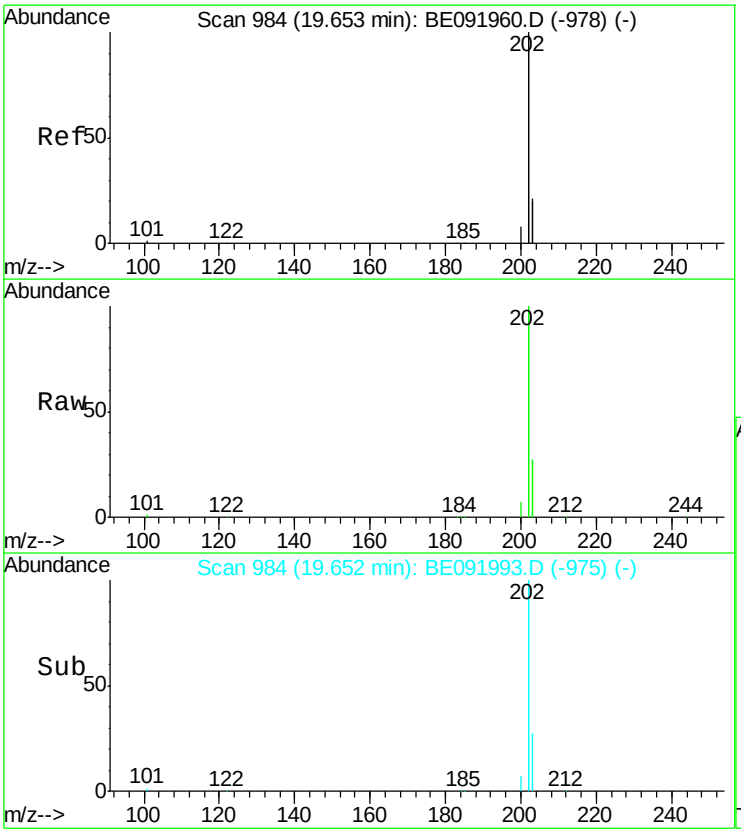
#29
Anthracene
Concen: 4.12 ng
RT: 17.72 min Scan# 846
Delta R.T. -0.01 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Instrument :
BNA_E
ClientSampleId :
PB91976BS

Tgt Ion:178 Resp: 129540

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.4	12.1	18.1

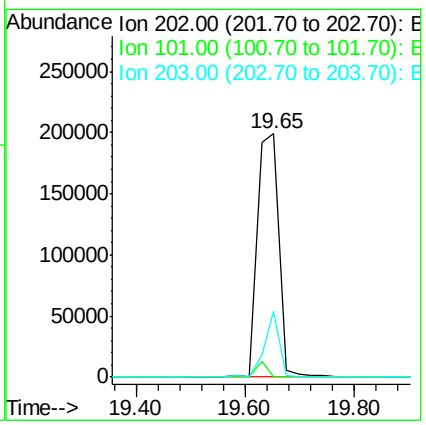


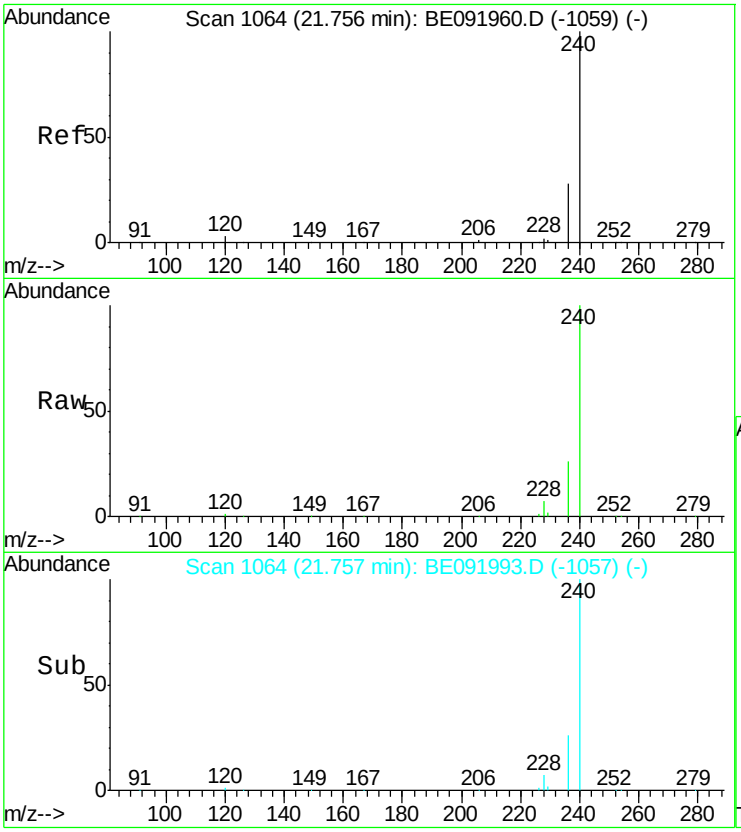


#30
Fluoranthene
Concen: 3.80 ng
RT: 19.65 min Scan# 984
Delta R.T. -0.00 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Tgt Ion:202 Resp: 548956

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.4	14.0#
203	18.5	14.3	21.5



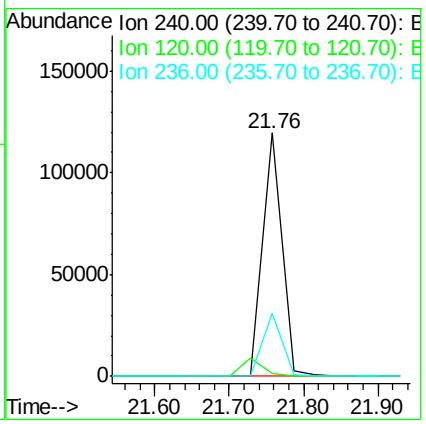


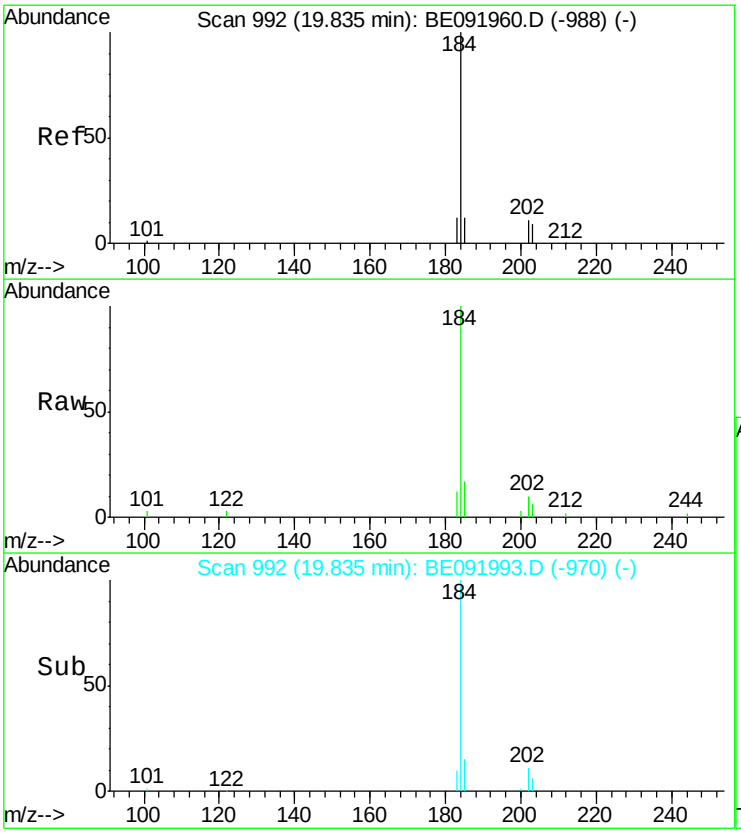
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Instrument :
BNA_E
ClientSampleId :
PB91976BS

Tgt Ion:240 Resp: 212698

Ion	Ratio	Lower	Upper
240	100		
120	1.1	1.2	1.8#
236	26.0	19.8	29.8

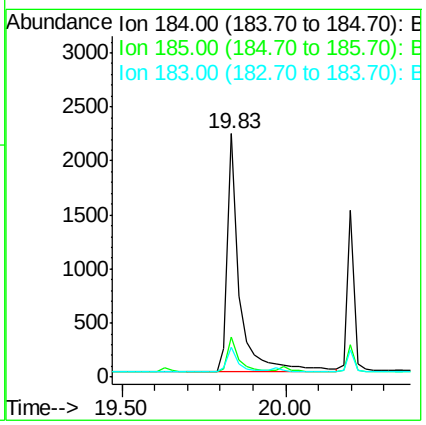


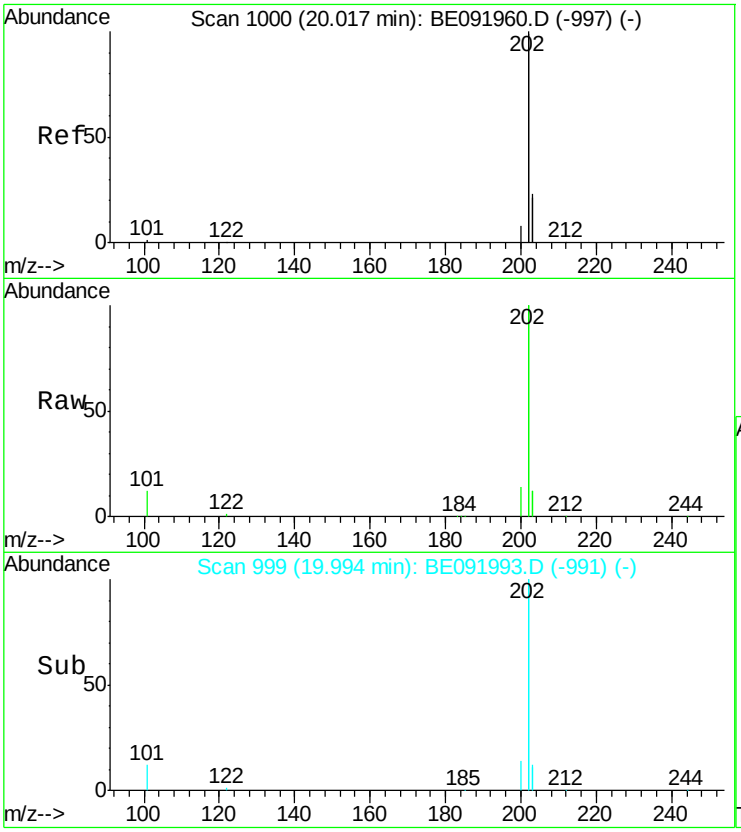


#32
Benzidine
Concen: 0.54 ng
RT: 19.83 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Tgt Ion:184 Resp: 5674

Ion	Ratio	Lower	Upper
184	100		
185	16.6	11.4	17.2
183	12.1	11.8	17.6



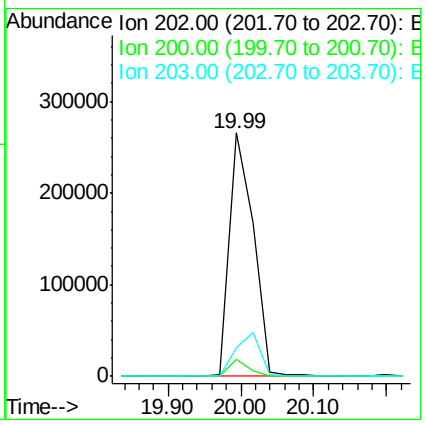


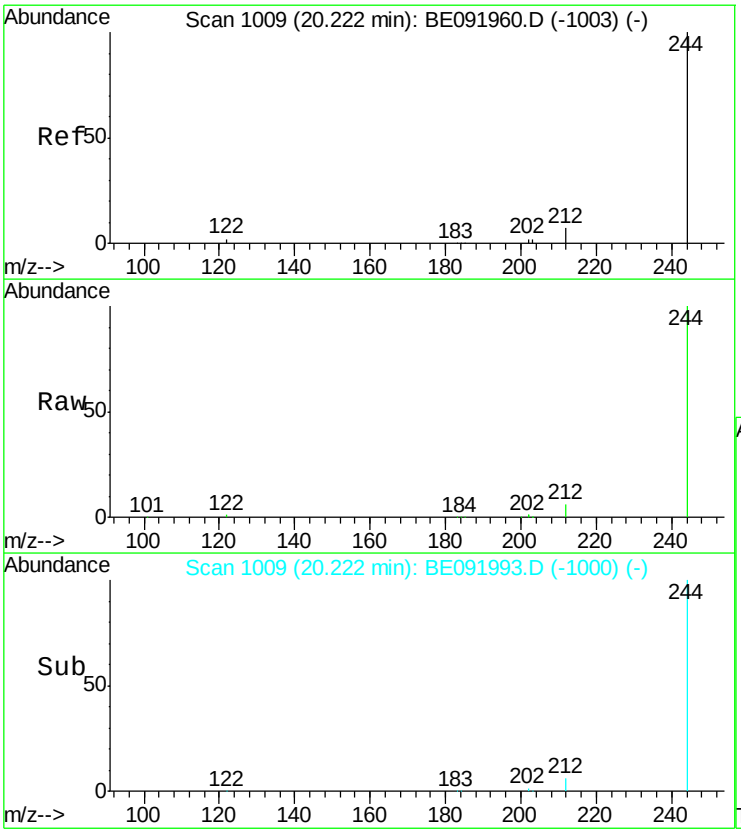
#33
Pyrene
Concen: 3.91 ng
RT: 19.99 min Scan# 999
Delta R.T. -0.02 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Instrument :
BNA_E
ClientSampleId :
PB91976BS

Tgt Ion:202 Resp: 605840

Ion	Ratio	Lower	Upper
202	100		
200	5.6	16.9	25.3#
203	0.0	14.1	21.1#

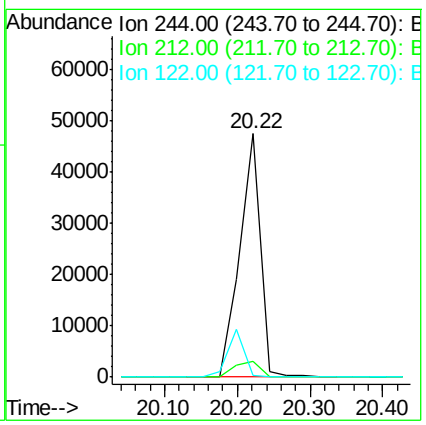


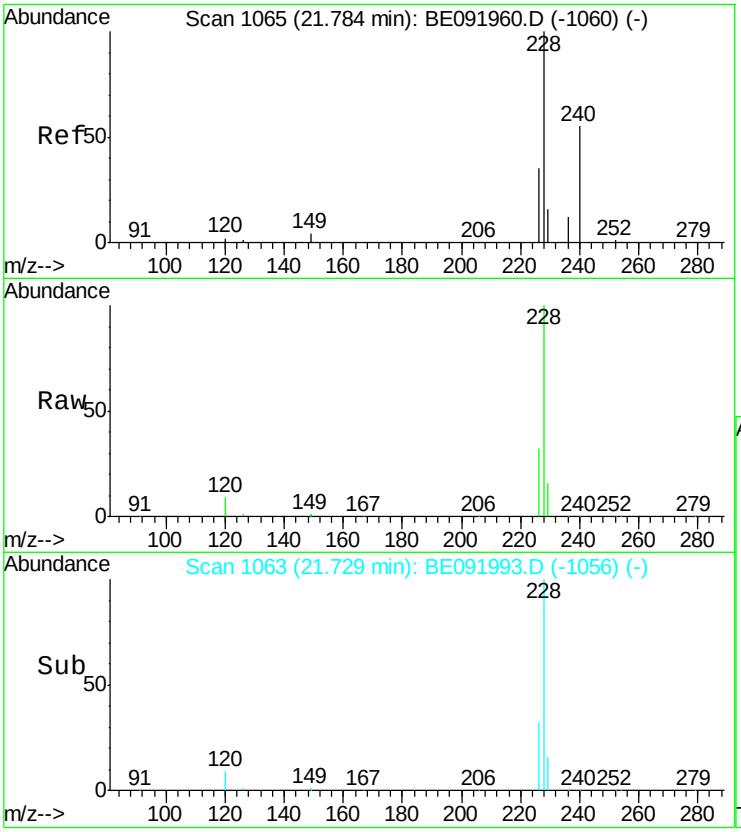


#34
Terphenyl-d14
Concen: 3.71 ng
RT: 20.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Tgt Ion:244 Resp: 93094

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.5	9.7#
122	0.5	2.9	4.3#



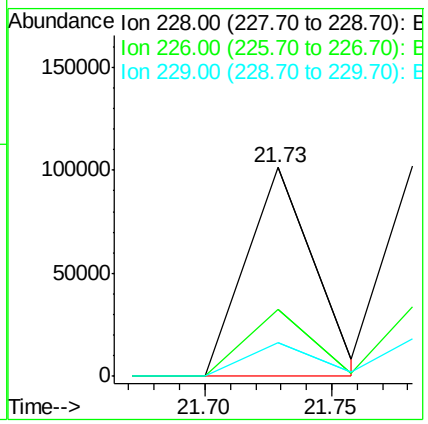


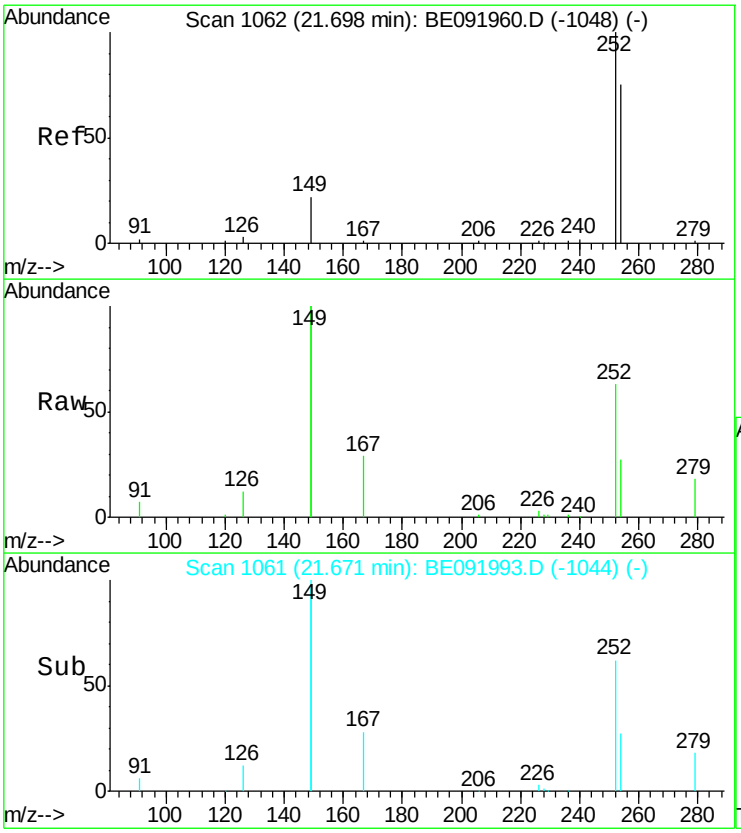
#35
Benzo(a)anthracene
Concen: 5.29 ng m
RT: 21.73 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Instrument :
BNA_E
ClientSampleId :
PB91976BS

Tgt Ion:228 Resp: 188434

Ion	Ratio	Lower	Upper
228	100		
226	32.3	21.0	31.4#
229	16.3	15.8	23.8

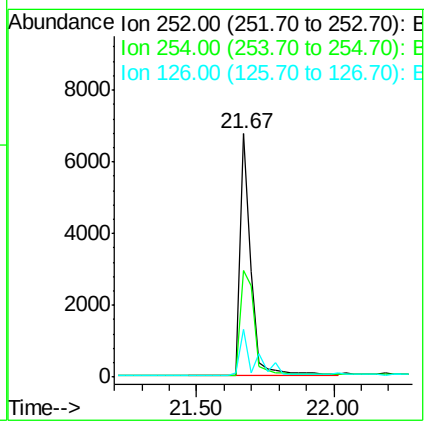


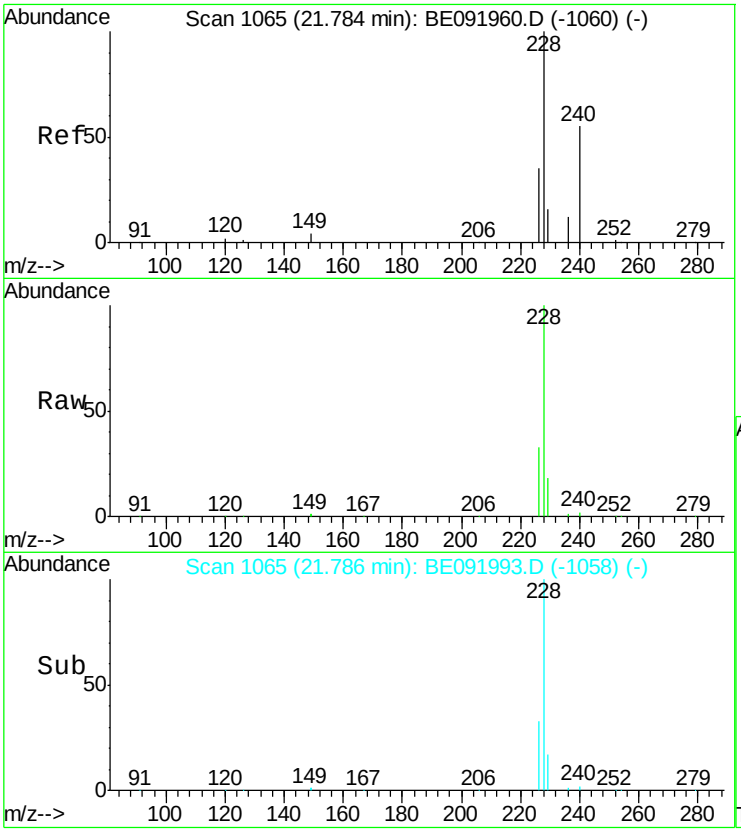


#36
3,3'-Dichlorobenzidine
Concen: 1.94 ng
RT: 21.67 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Tgt Ion:252 Resp: 18243

Ion	Ratio	Lower	Upper
252	100		
254	43.8	61.5	92.3#
126	19.8	2.5	3.7#



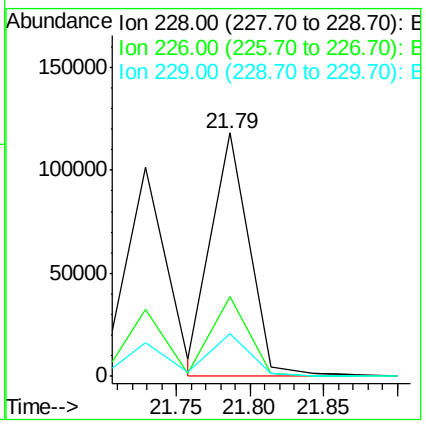


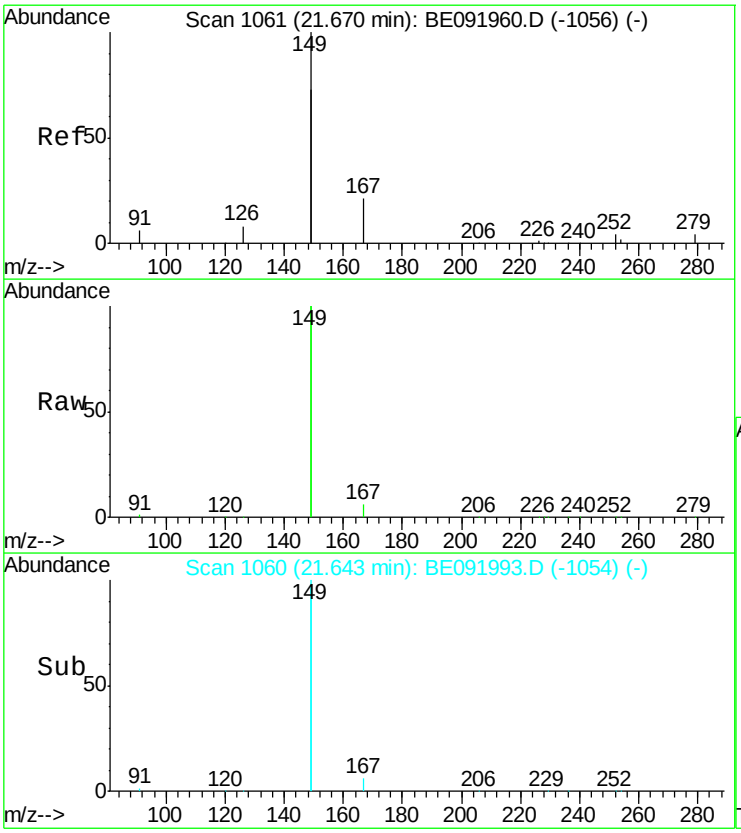
#37
Chrysene
Concen: 4.25 ng m
RT: 21.79 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Instrument :
BNA_E
ClientSampleId :
PB91976BS

Tgt Ion:228 Resp: 214317

Ion	Ratio	Lower	Upper
228	100		
226	32.9	27.0	40.6
229	17.5	13.8	20.8

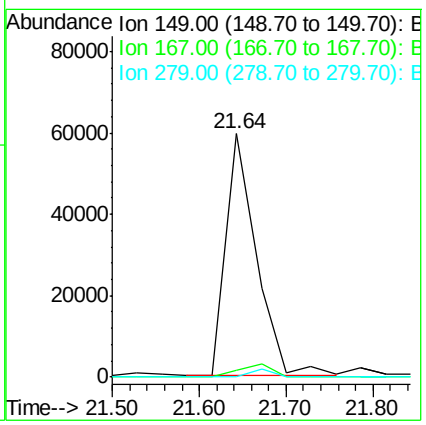


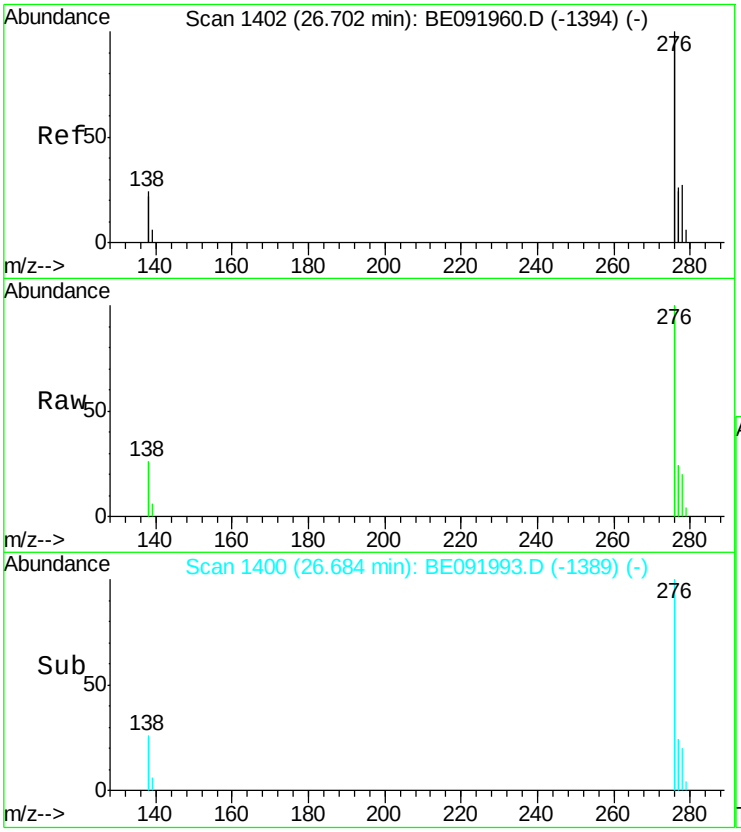


#38
Bis(2-ethylhexyl)phthalate
Concen: 3.47 ng
RT: 21.64 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Tgt Ion:149 Resp: 143079

Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	0.0
279	0.0	0.0	0.0



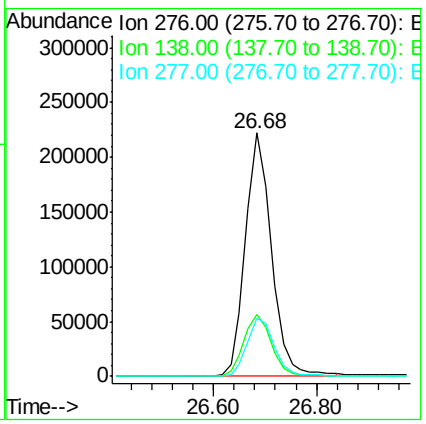


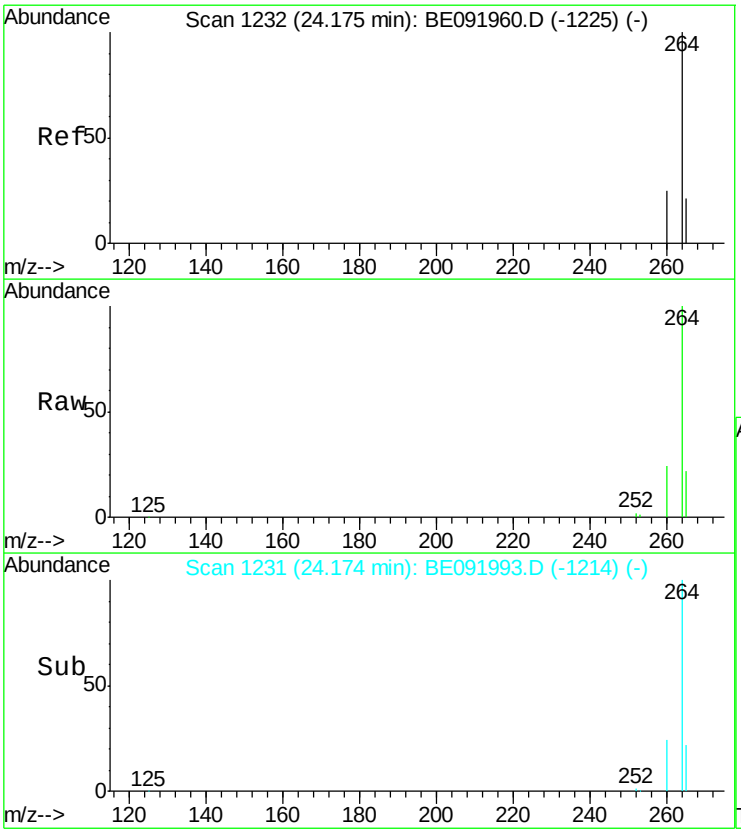
#39
Indeno(1,2,3-cd)pyrene
Concen: 3.91 ng
RT: 26.68 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Instrument :
BNA_E
ClientSampleId :
PB91976BS

Tgt Ion:276 Resp: 774629

Ion	Ratio	Lower	Upper
276	100		
138	26.8	19.7	29.5
277	24.7	20.1	30.1

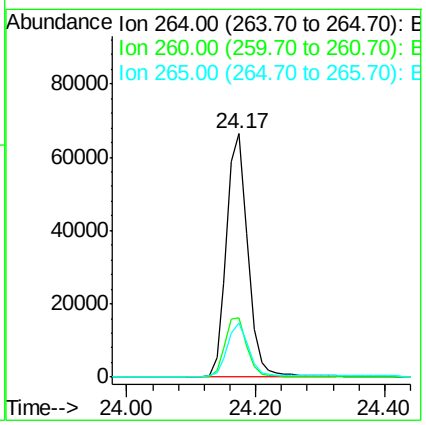


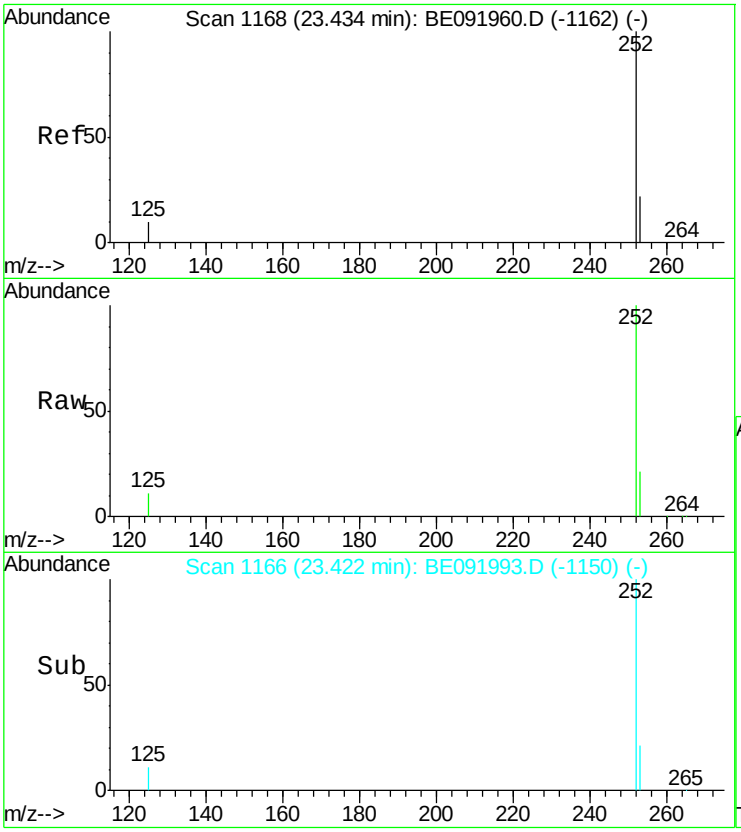


#40
Perylene-d12
Concen: 5.00 ng
RT: 24.17 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Tgt Ion:264 Resp: 152076

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.3	30.5
265	22.1	17.6	26.4



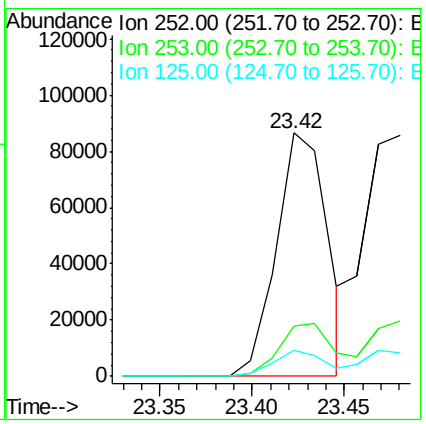


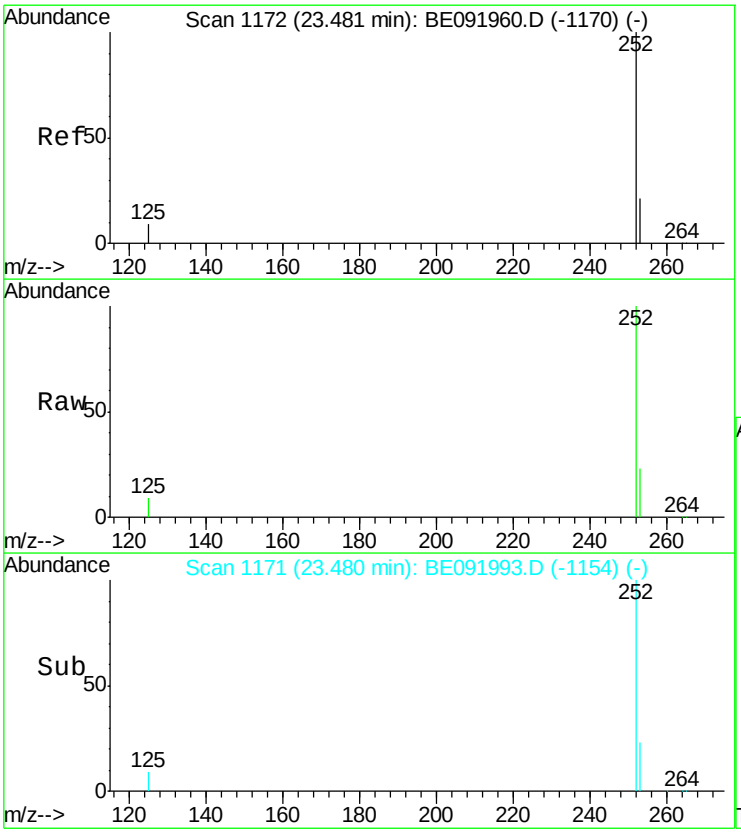
#41
Benzo(b)fluoranthene
Concen: 3.97 ng
RT: 23.42 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Instrument :
BNA_E
ClientSampleId :
PB91976BS

Tgt Ion:252 Resp: 166788

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.8	26.6
125	10.7	9.4	14.2

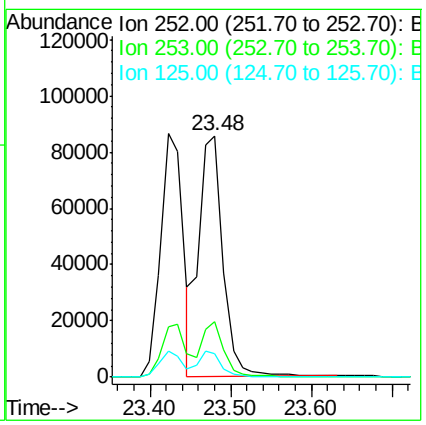


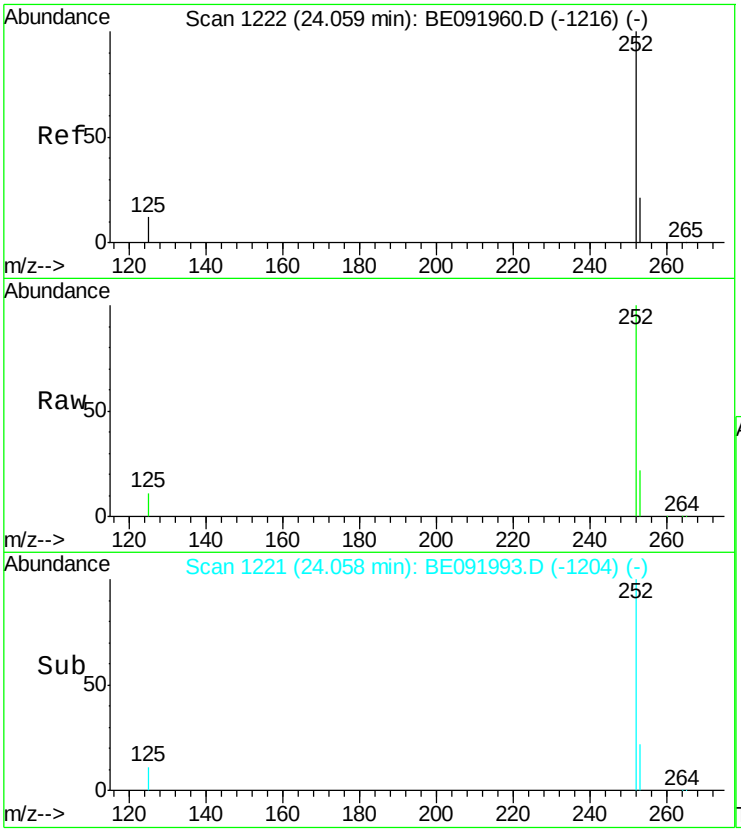


#42
Benzo(k)fluoranthene
Concen: 4.42 ng
RT: 23.48 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Tgt Ion:252 Resp: 179256

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.4	29.2
125	9.5	8.3	12.5



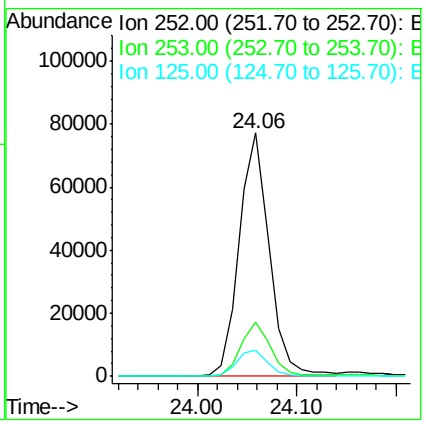


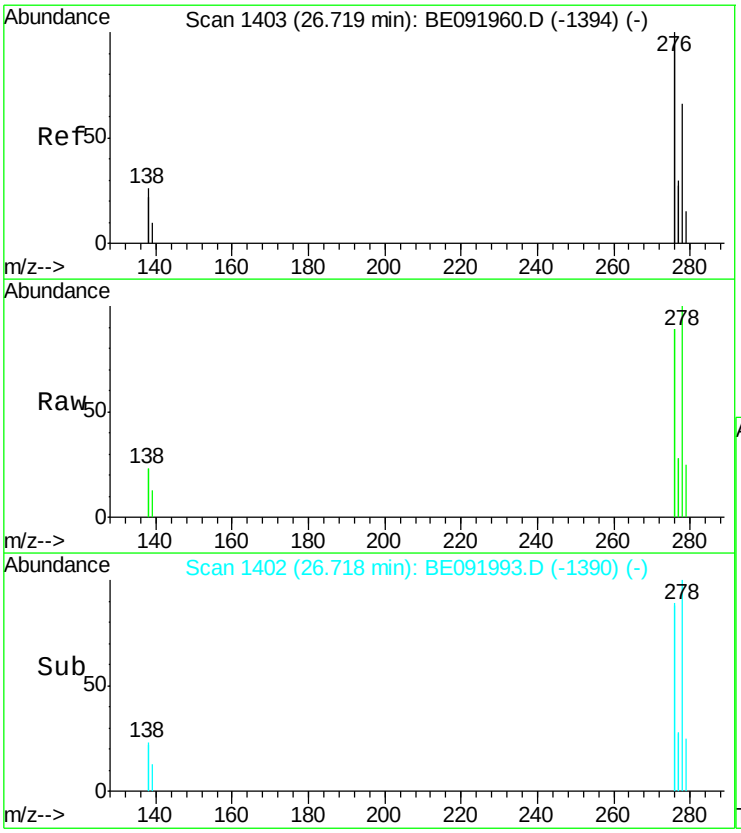
#43
Benzo(a)pyrene
Concen: 4.07 ng
RT: 24.06 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Instrument :
BNA_E
ClientSampleId :
PB91976BS

Tgt Ion:252 Resp: 161572

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.9	28.3
125	10.8	10.5	15.7

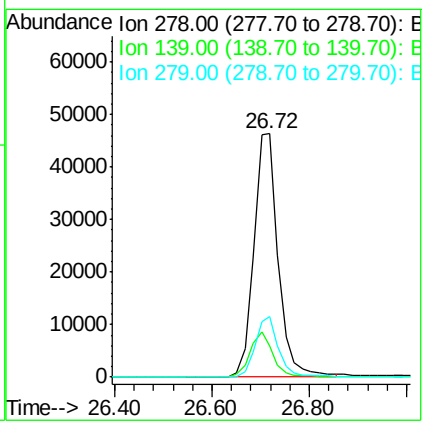


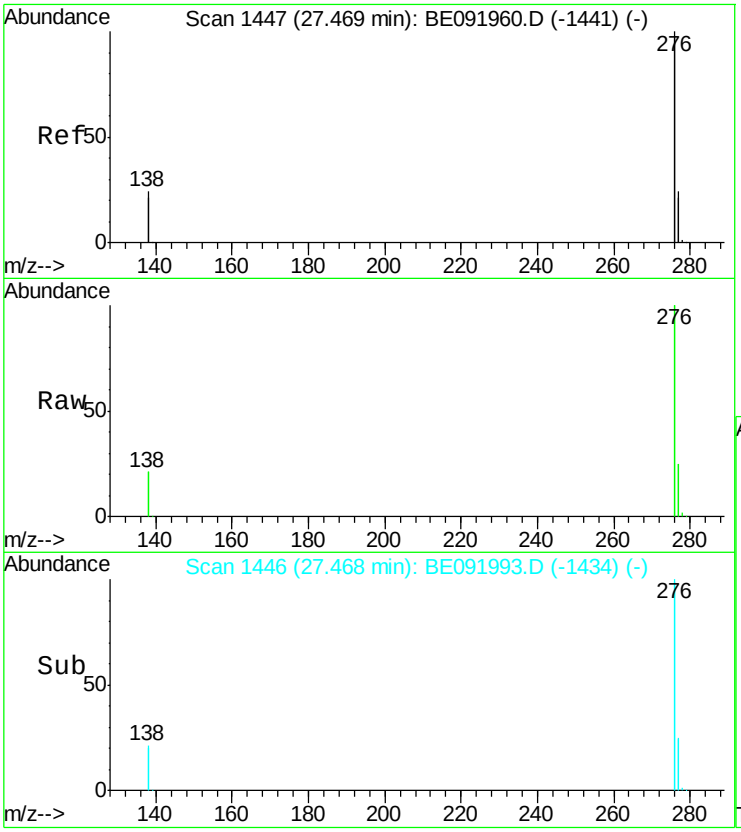


#44
Dibenzo(a,h)anthracene
Concen: 4.35 ng
RT: 26.72 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Tgt Ion:278 Resp: 162204

Ion	Ratio	Lower	Upper
278	100		
139	12.8	12.6	18.8
279	24.8	20.0	30.0





#45
Benzo(g,h,i)perylene
Concen: 4.31 ng
RT: 27.47 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BE091993.D
Acq: 9 Jul 2016 11:34

Instrument :
BNA_E
ClientSampleId :
PB91976BS

Tgt Ion:276 Resp: 656440

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.5	29.3
138	20.6	17.7	26.5