Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE032318\
Data File : BE095818.D
Acq On : 23 Mar 2018 10:33
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 23 11:11:59 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 10:57:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1067	0.40	ng		0.00
7) Naphthalene-d8	11.26	136	4244	0.40	ng		0.00
13) Acenaphthene-d10	15.00	164	2483	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	6307	0.40	ng		0.00
27) Chrysene-d12	21.80	240	7373	0.40	ng		0.00
34) Perylene-d12	24.43	264	7132	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.91	112	2658	0.94	ng		0.00
5) Phenol-d6	7.57	99	3694	0.95	ng		0.00
8) Nitrobenzene-d5	9.59	82	3766	0.86	ng		0.00
11) 2-Methylnaphthalene-d10	12.80	152	5366	0.76	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	1066	1.20	ng		0.00
15) 2-Fluorobiphenyl	13.64	172	8094	0.73	ng		0.00
25) Fluoranthene-d10	19.69	212	71372	0.87	ng		0.00
29) Terphenyl-d14	20.24	244	12298	0.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	1324	0.788	ng	#	93
3) n-Nitrosodimethylamine	3.99	42	1978	0.950	ng	#	81
6) bis(2-Chloroethyl)ether	7.82	93	3136	0.784	ng		94
9) Naphthalene	11.31	128	36426	0.745	ng		100
10) Hexachlorobutadiene	11.56	225	2393	0.839	ng		98
12) 2-Methylnaphthalene	12.87	142	6312	0.748	ng		95
16) Acenaphthylene	14.73	152	11146	0.799	ng		100
17) Acenaphthene	15.06	154	6705	0.765	ng		96
18) Fluorene	16.03	166	8807	0.811	ng	#	79
20) 4-Bromophenyl-phenylether	16.89	248	2968	0.750	ng	#	74
21) Hexachlorobenzene	17.03	284	2922	0.713	ng	#	81
22) Pentachlorophenol	17.37	266	762	0.804	ng	#	77
23) Phenanthrene	17.75	178	14632	0.742	ng		99
24) Anthracene	17.84	178	14564	0.805	ng		96
26) Fluoranthene	19.72	202	20030	0.826	ng	#	97
28) Pyrene	20.07	202	22054	0.731	ng	#	91
30) Benzo(a)anthracene	21.78	228	19773	0.822	ng		98
31) Chrysene	21.84	228	17908	0.749	ng		98
32) Bis(2-ethylhexyl)phthalate	21.64	149	54132	1.272	ng	#	100
33) Indeno(1,2,3-cd)pyrene	27.24	276	19481	0.840	ng	#	93
35) Benzo(b)fluoranthene	23.61	252	18026	0.710	ng	#	93
36) Benzo(k)fluoranthene	23.67	252	18636	0.738	ng	#	92
37) Benzo(a)pyrene	24.31	252	17246	0.753	ng	#	94
38) Dibenzo(a,h)anthracene	27.26	278	16380	0.804	ng		96
39) Benzo(g,h,i)perylene	28.12	276	16258	0.745	ng	#	90

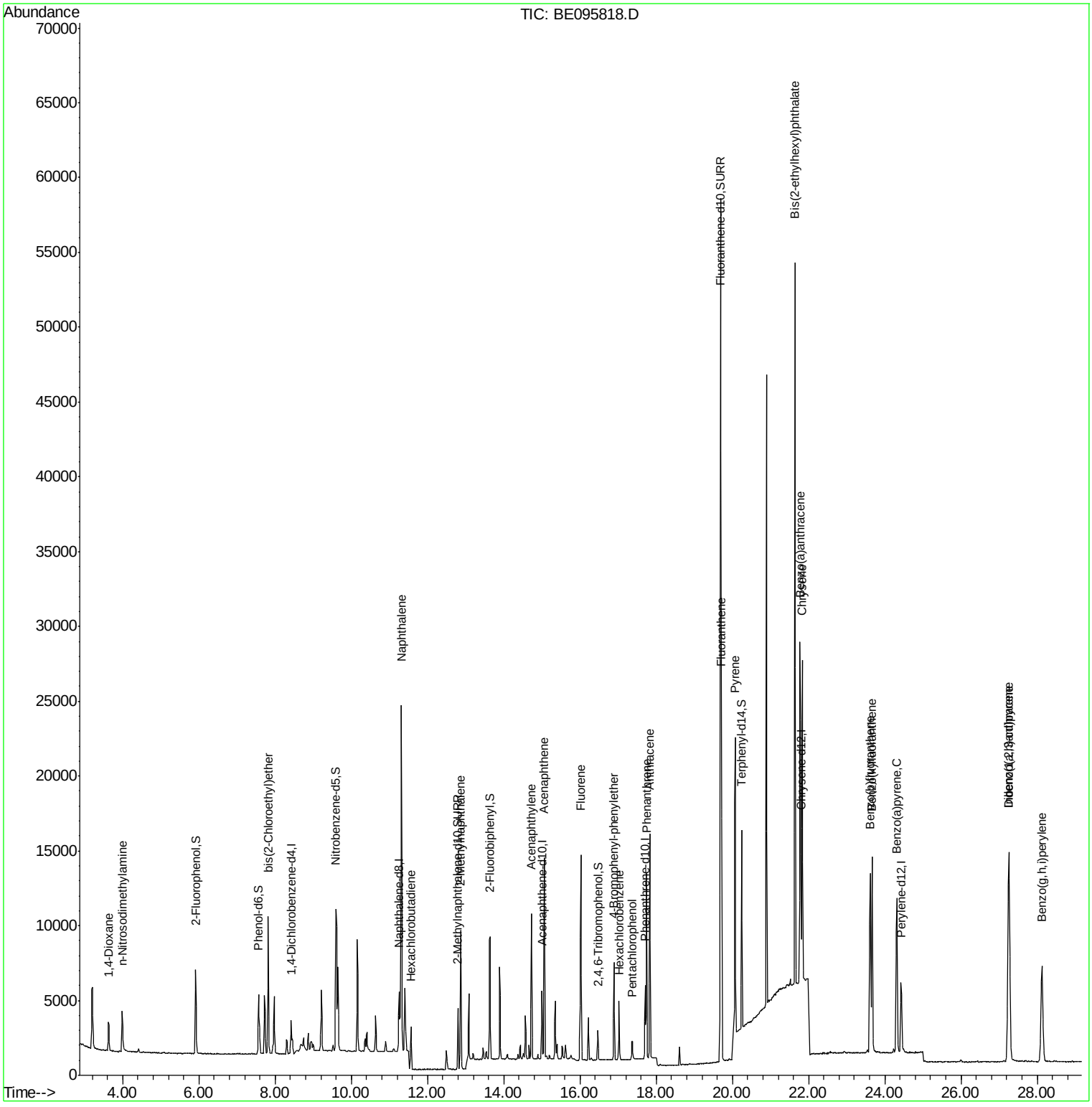
(#) = qualifier out of range (m) = manual integration (+) = signals summed

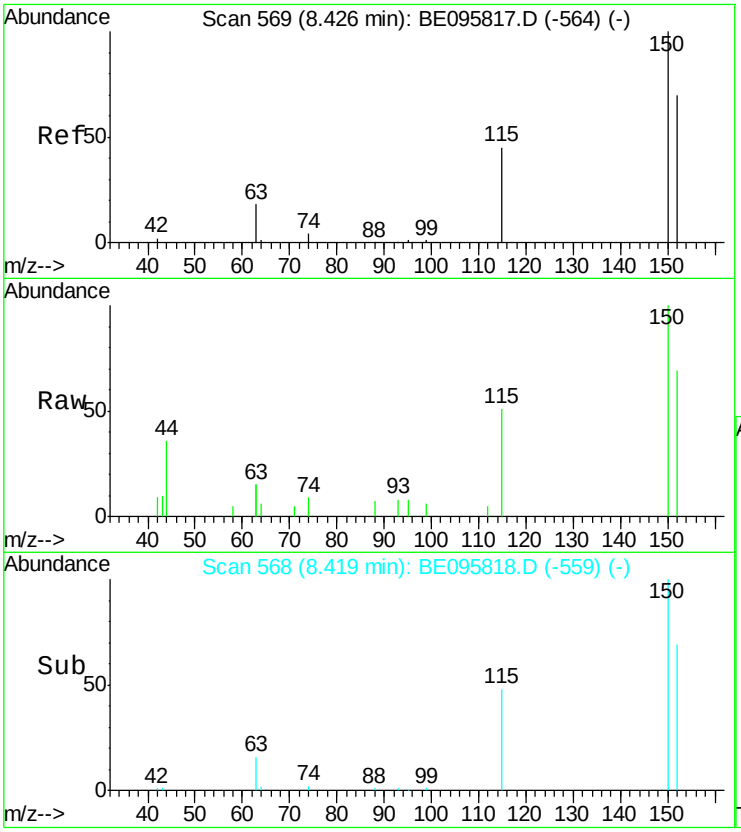
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE032318\
Data File : BE095818.D
Acq On : 23 Mar 2018 10:33
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 23 11:11:59 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 10:57:46 2018
Response via : Initial Calibration



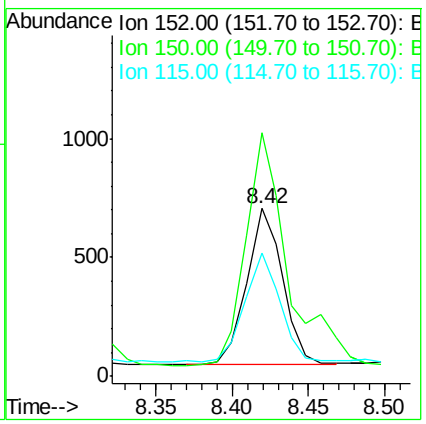


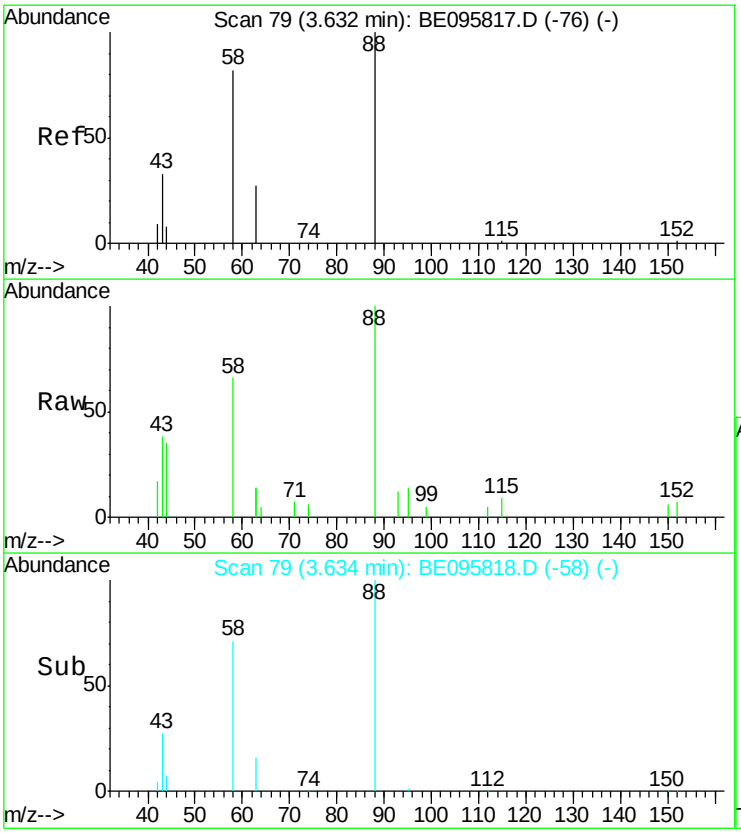
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1067

Ion	Ratio	Lower	Upper
152	100		
150	145.0	117.2	175.8
115	73.5	57.0	85.6

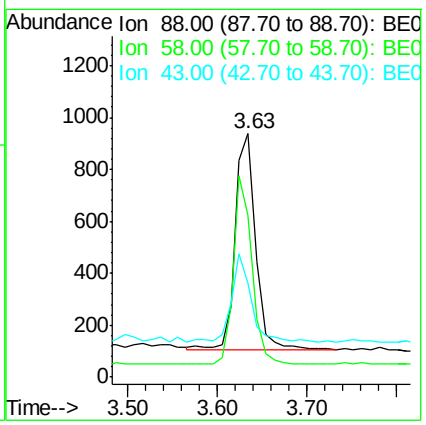


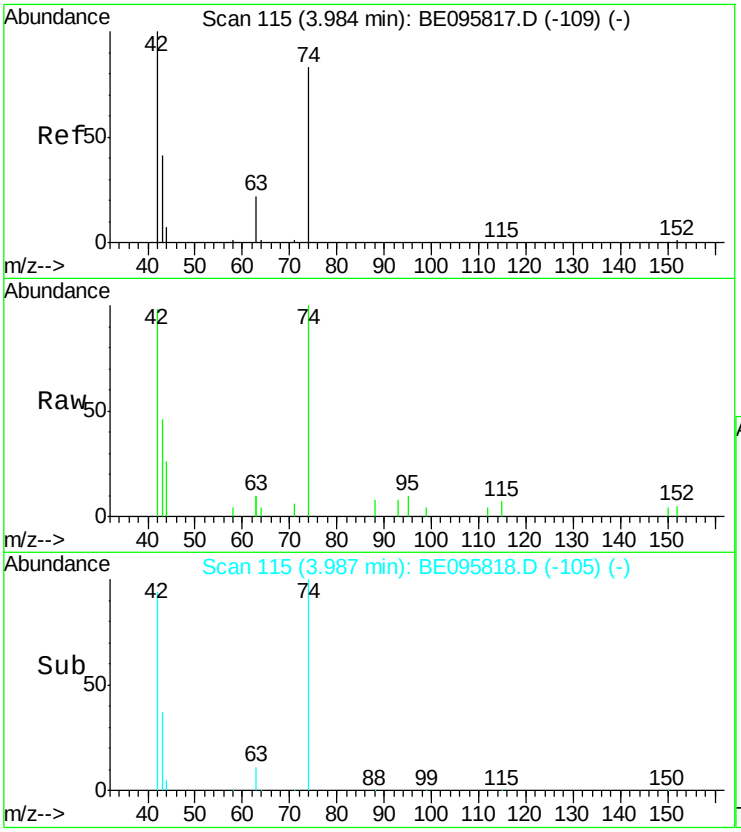


#2
1,4-Dioxane
Concen: 0.788 ng
RT: 3.63 min Scan# 79
Delta R.T. 0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Tgt Ion: 88 Resp: 1324

Ion	Ratio	Lower	Upper
88	100		
58	80.0	63.2	94.8
43	40.6	41.2	61.8#



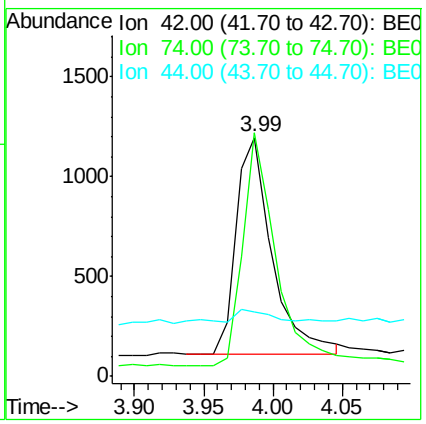


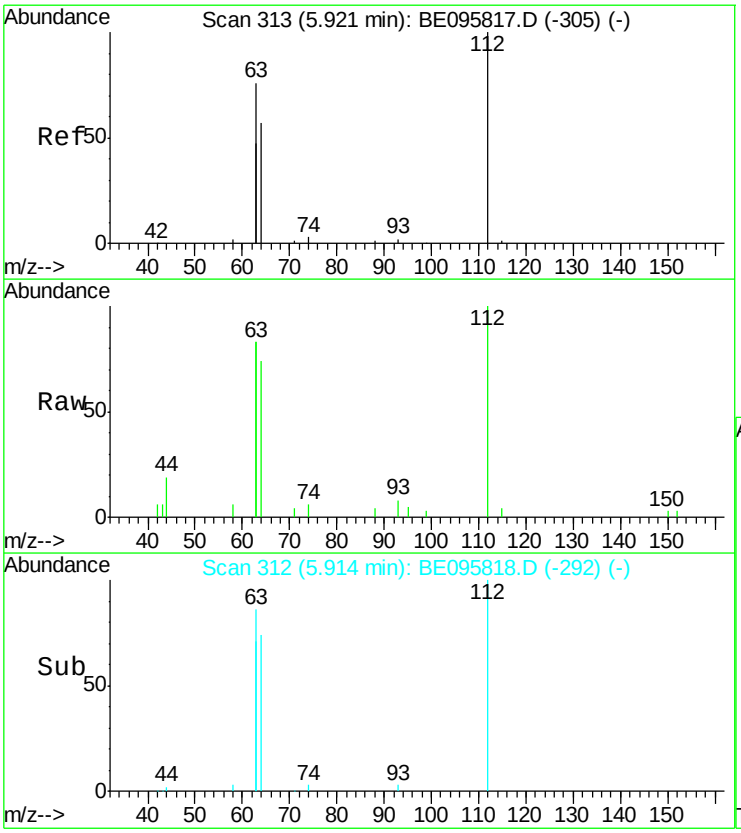
#3
n-Nitrosodimethylamine
Concen: 0.950 ng
RT: 3.99 min Scan# 115
Delta R.T. 0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1978

Ion	Ratio	Lower	Upper
42	100		
74	98.0	96.0	144.0
44	9.1	12.0	18.0#

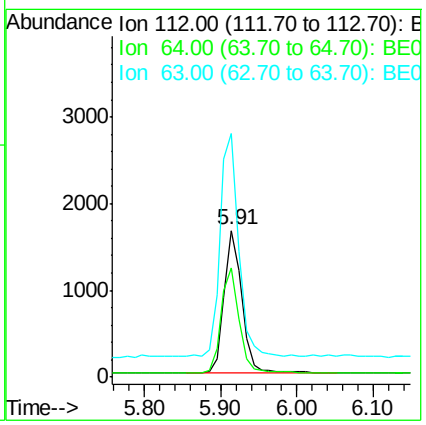


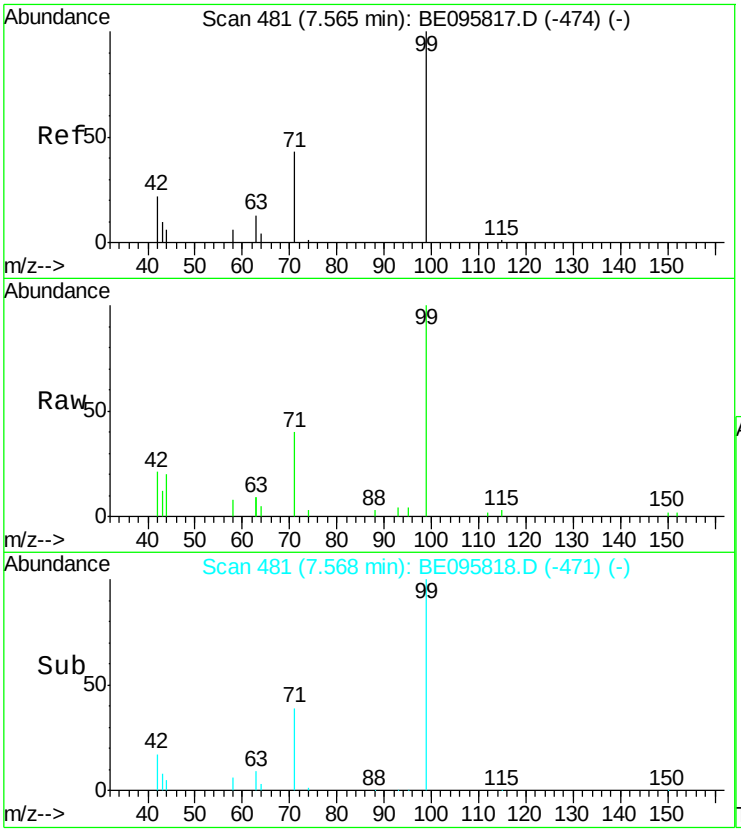


#4
2-Fluorophenol
Concen: 0.944 ng
RT: 5.91 min Scan# 312
Delta R.T. -0.01 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Tgt Ion:112 Resp: 2658

Ion	Ratio	Lower	Upper
112	100		
64	74.9	60.1	90.1
63	163.1	116.8	175.2



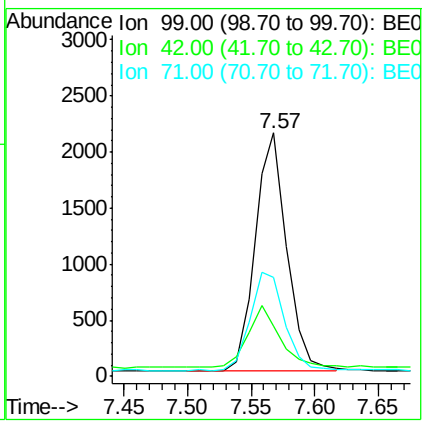


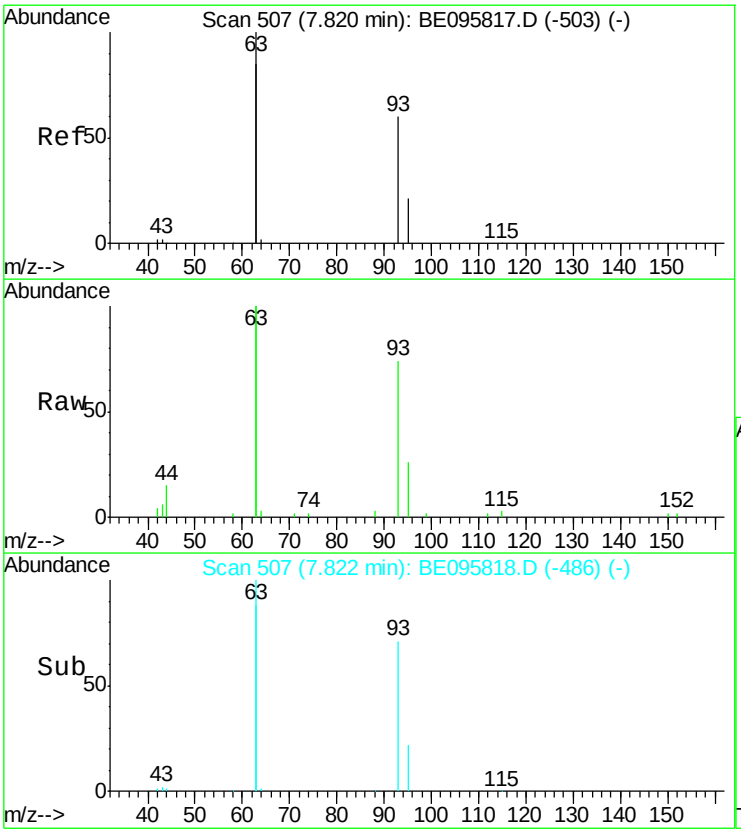
#5
Phenol-d6
Concen: 0.947 ng
RT: 7.57 min Scan# 481
Delta R.T. 0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 3694

Ion	Ratio	Lower	Upper
99	100		
42	26.3	20.2	30.2
71	44.3	28.4	42.6#

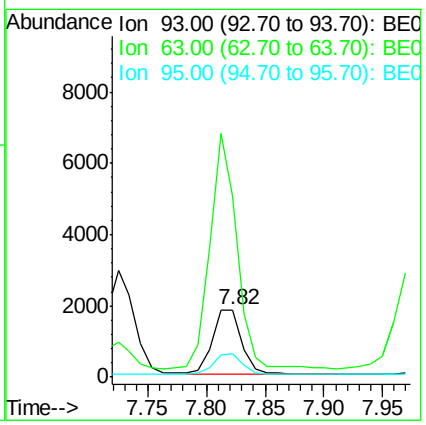


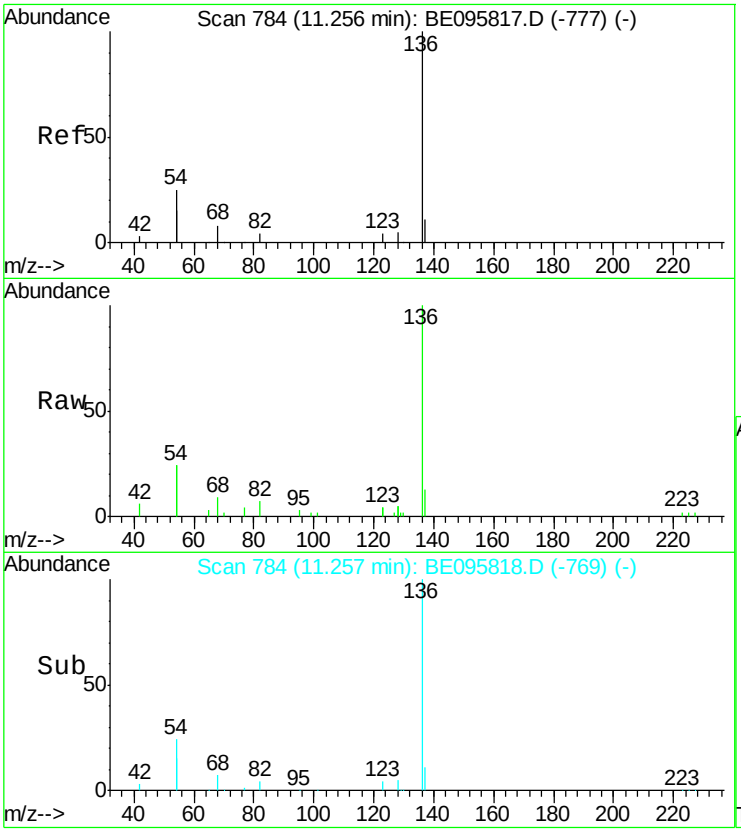


#6
bis(2-Chloroethyl)ether
Concen: 0.784 ng
RT: 7.82 min Scan# 507
Delta R.T. 0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Tgt Ion: 93 Resp: 3136

Ion	Ratio	Lower	Upper
93	100		
63	330.6	275.3	412.9
95	31.1	25.2	37.8



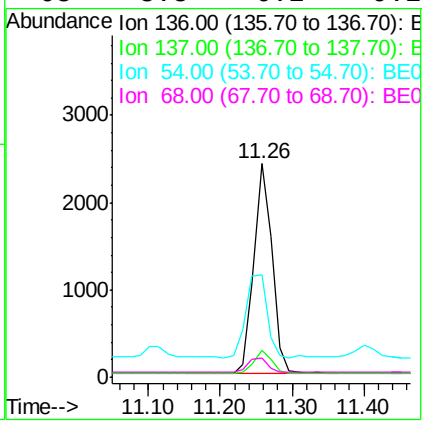


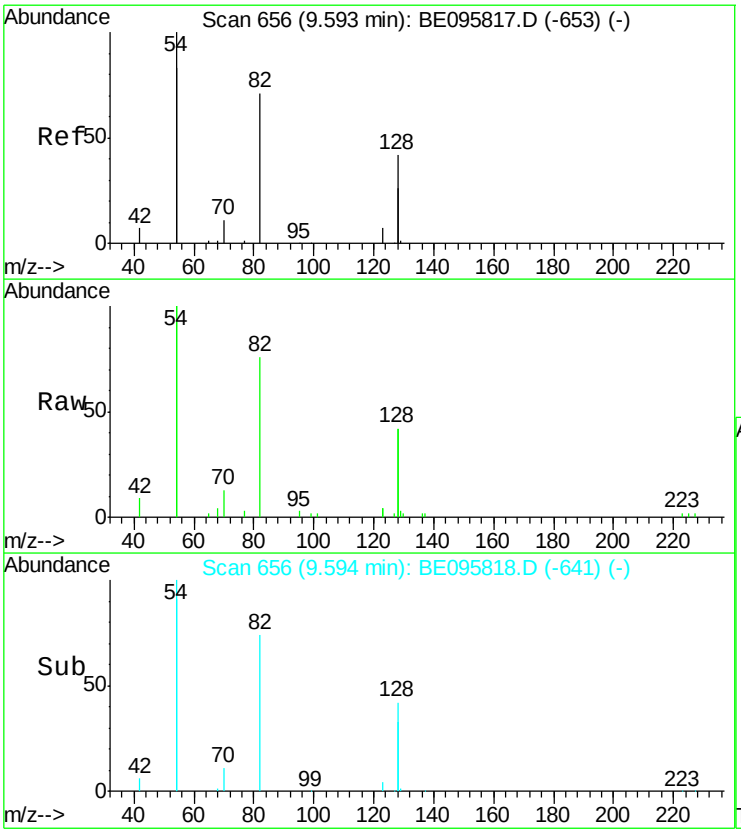
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.26 min Scan# 784
Delta R.T. 0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4244

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	47.9	29.1	43.7#
68	8.8	6.2	9.2

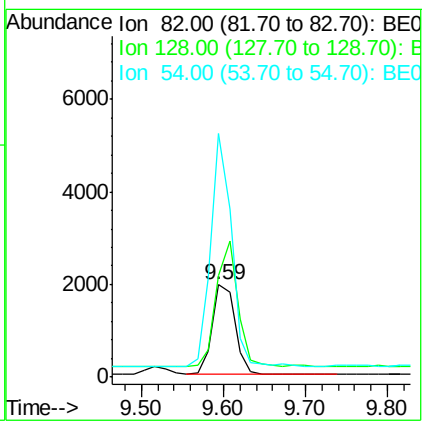


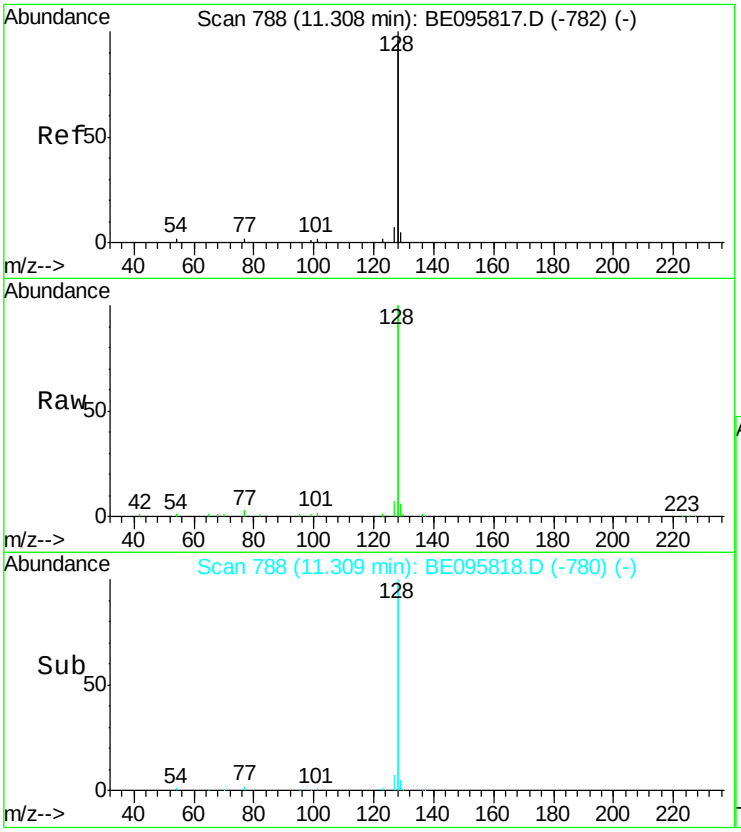


#8
Nitrobenzene-d5
Concen: 0.861 ng
RT: 9.59 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Tgt Ion: 82 Resp: 3766

Ion	Ratio	Lower	Upper
82	100		
128	109.5	150.0	225.0#
54	263.5	154.2	231.4#



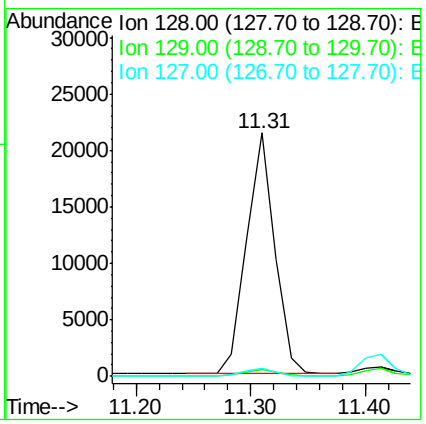


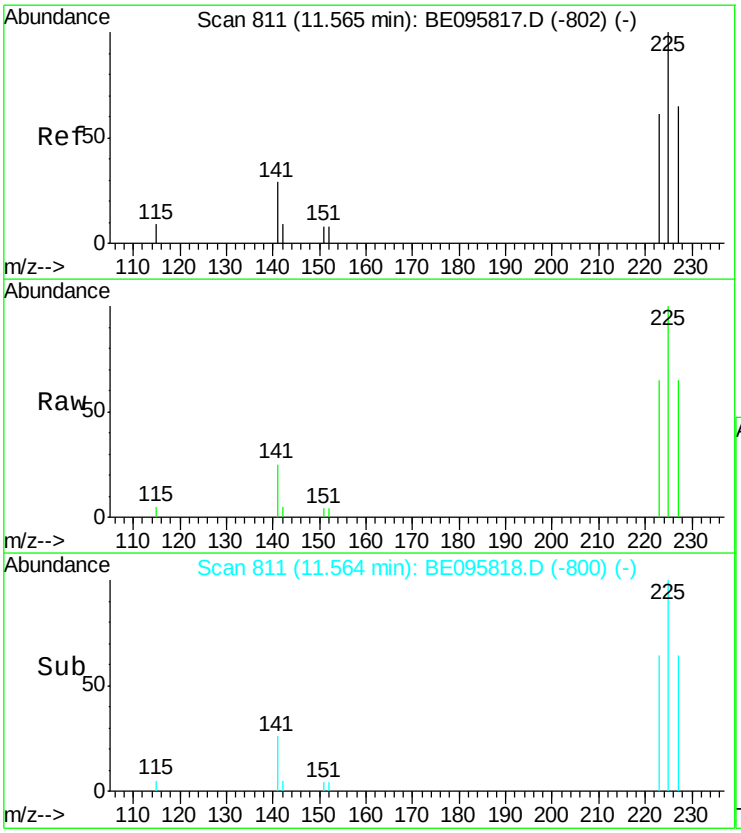
#9
Naphthalene
Concen: 0.745 ng
RT: 11.31 min Scan# 788
Delta R.T. 0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 36426

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	3.8
127	3.5	2.8	4.2

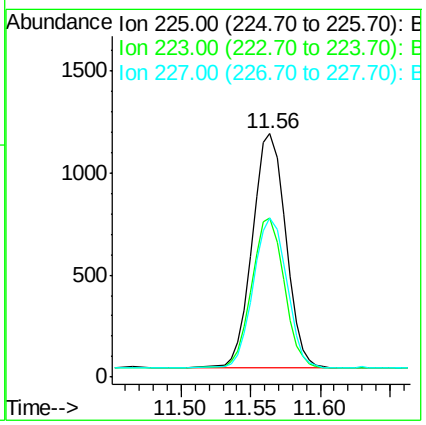


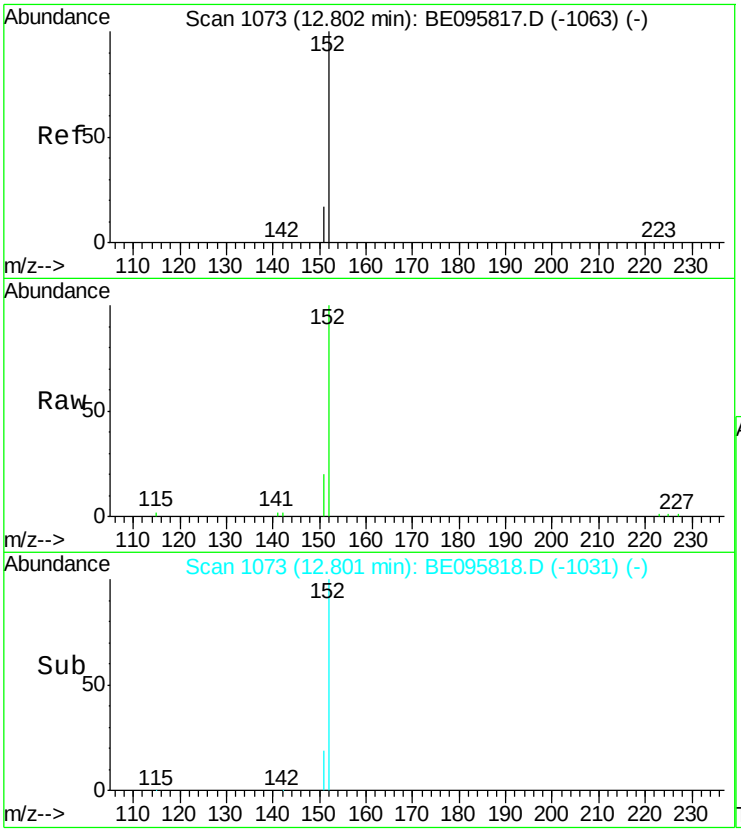


#10
Hexachlorobutadiene
Concen: 0.839 ng
RT: 11.56 min Scan# 811
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Tgt Ion:225 Resp: 2393

Ion	Ratio	Lower	Upper
225	100		
223	63.1	53.0	79.6
227	64.7	51.4	77.2



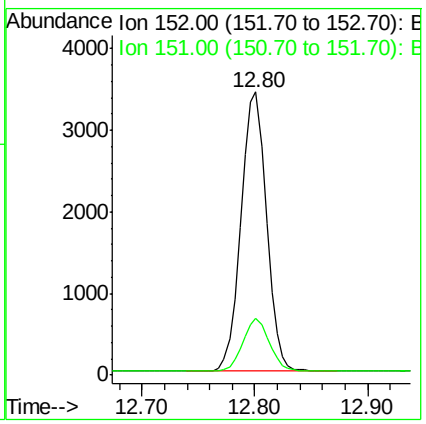


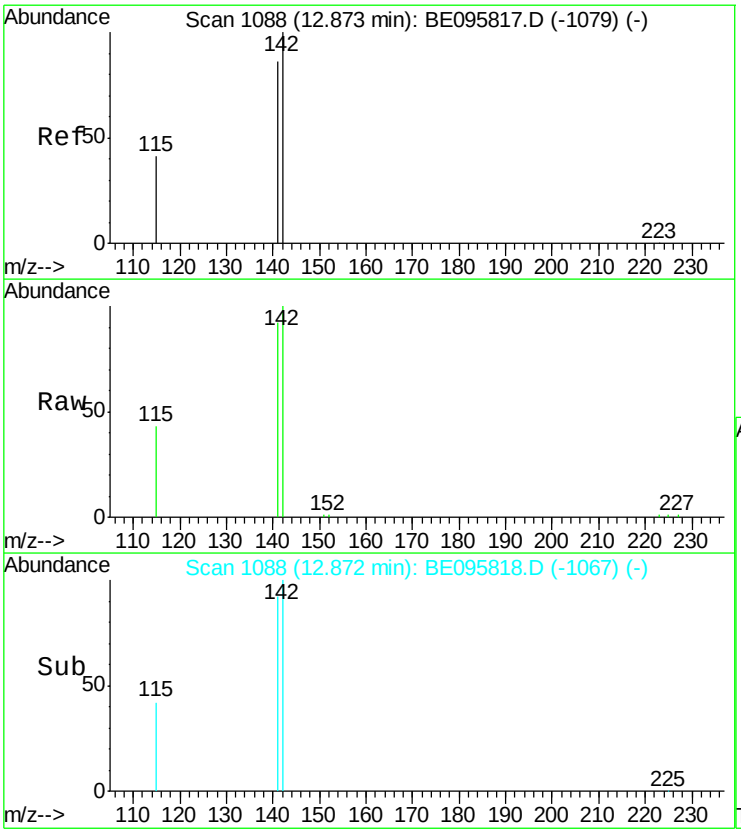
#11
2-Methylnaphthalene-d10
Concen: 0.756 ng
RT: 12.80 min Scan# 1073
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5366

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.0

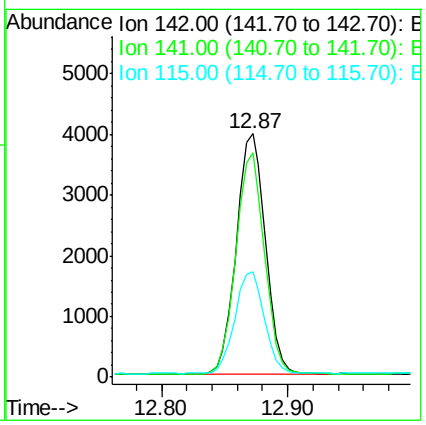


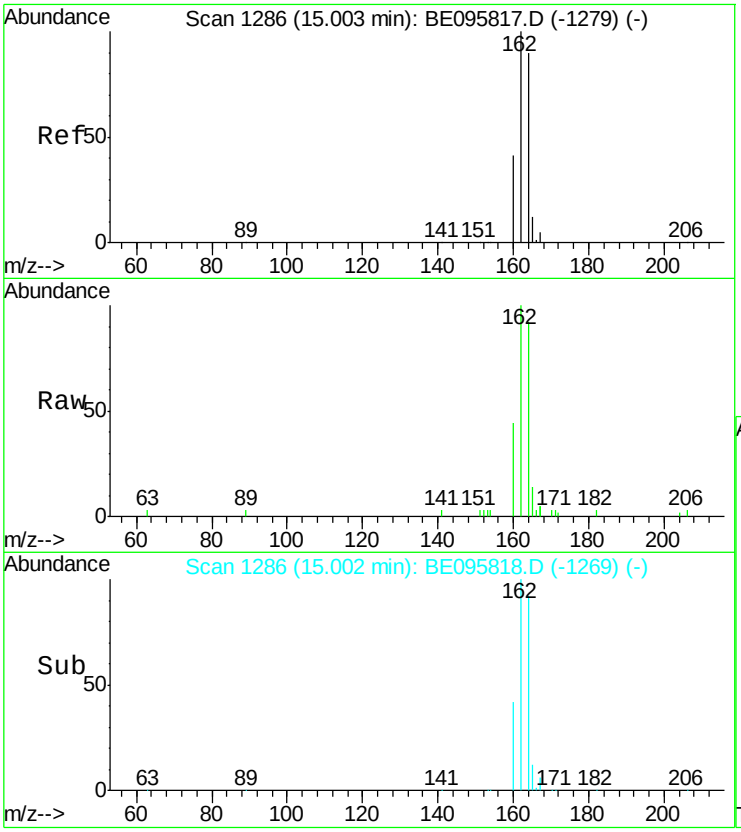


#12
2-Methylnaphthalene
Concen: 0.748 ng
RT: 12.87 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Tgt Ion:142 Resp: 6312

Ion	Ratio	Lower	Upper
142	100		
141	92.0	70.4	105.6
115	43.4	31.7	47.5



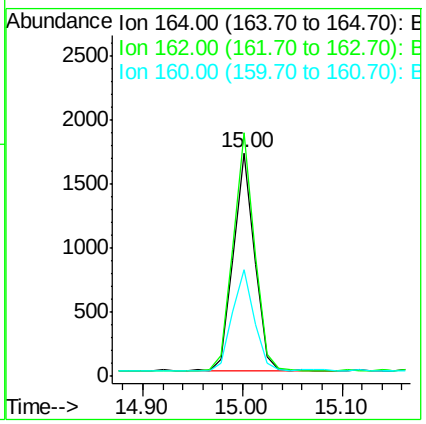


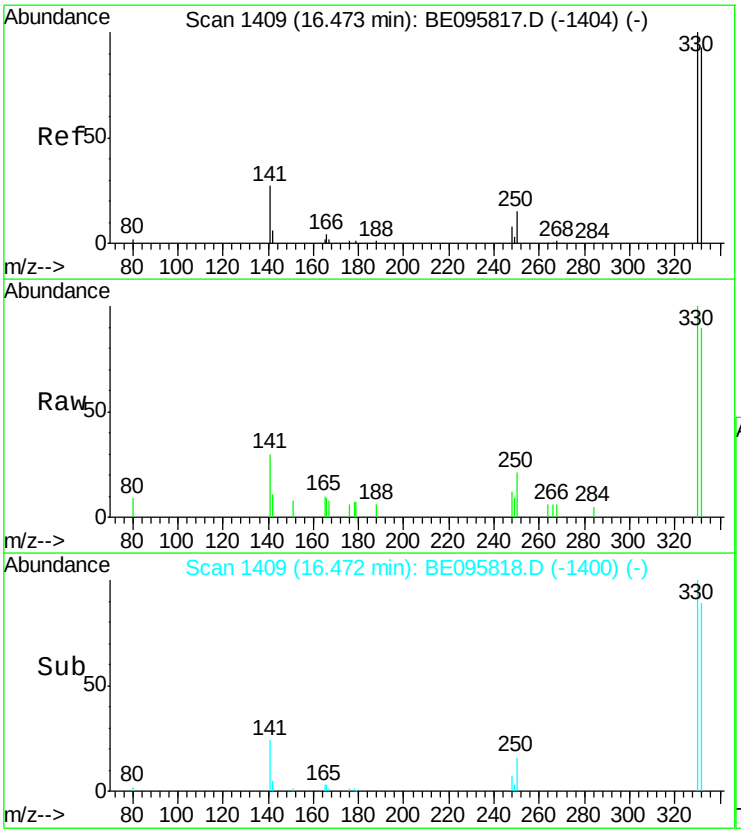
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2483

Ion	Ratio	Lower	Upper
164	100		
162	108.8	83.1	124.7
160	47.7	37.1	55.7

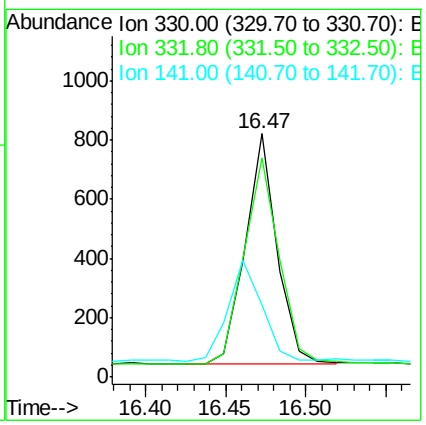


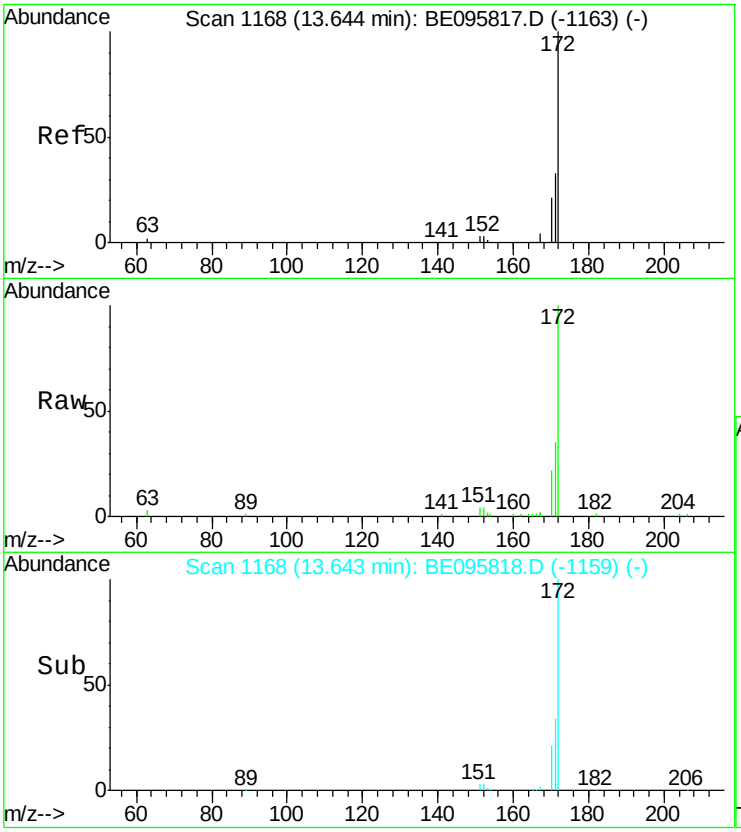


#14
2,4,6-Tribromophenol
Concen: 1.197 ng
RT: 16.47 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Tgt Ion:330 Resp: 1066

Ion	Ratio	Lower	Upper
330	100		
332	100.8	152.7	229.1#
141	45.9	33.7	50.5



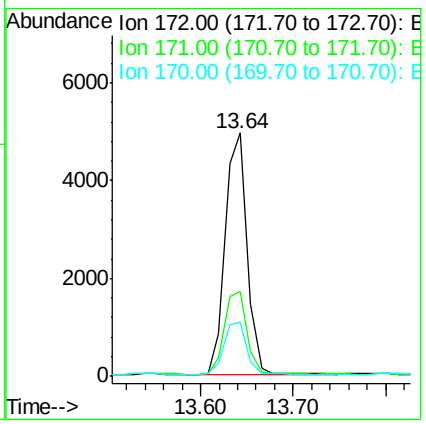


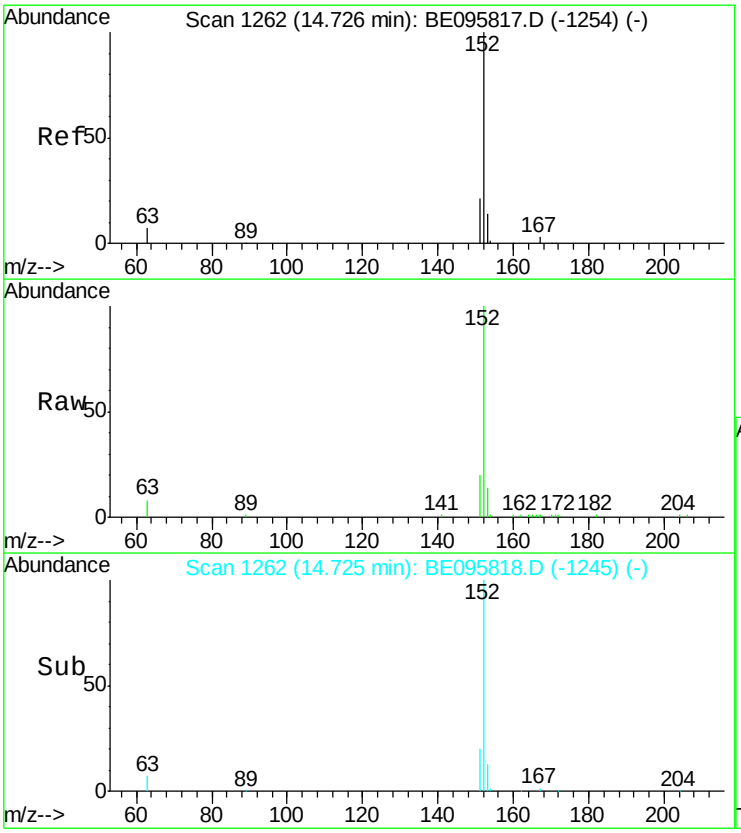
#15
2-Fluorobiphenyl
Concen: 0.730 ng
RT: 13.64 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 8094

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.9	44.9
170	22.1	21.8	32.8

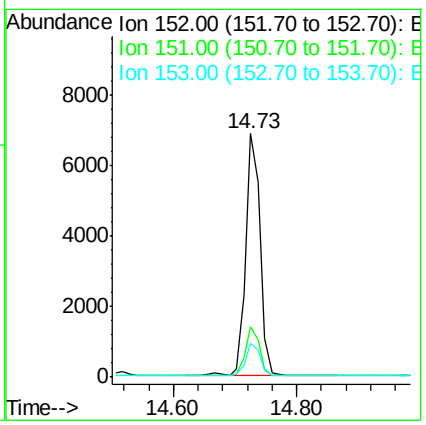


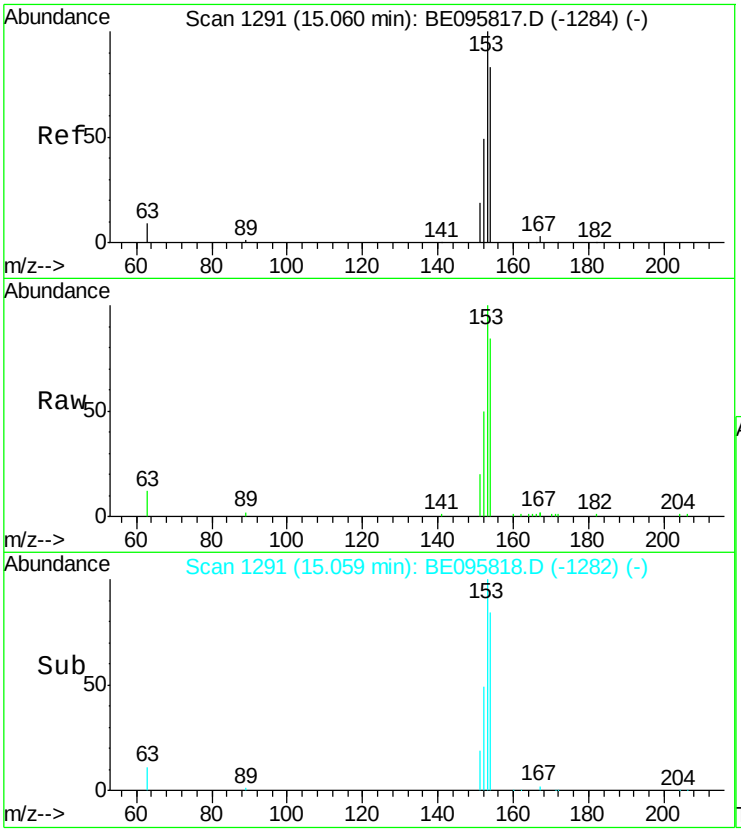


#16
Acenaphthylene
Concen: 0.799 ng
RT: 14.73 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Tgt Ion:152 Resp: 11146

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.5	15.7



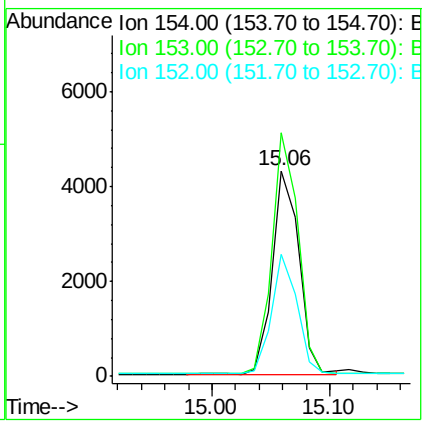


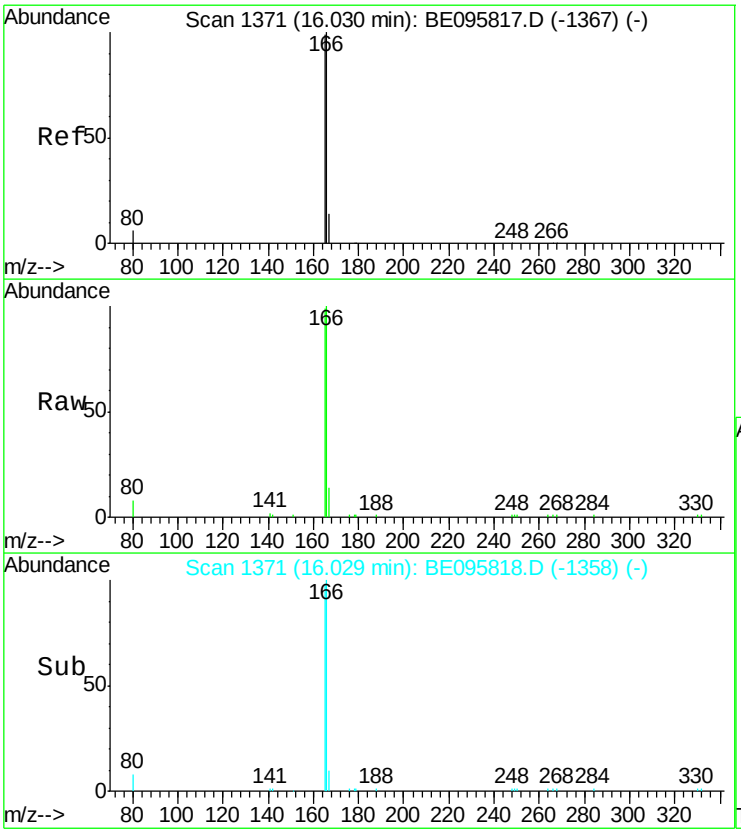
#17
Acenaphthene
Concen: 0.765 ng
RT: 15.06 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 6705

Ion	Ratio	Lower	Upper
154	100		
153	115.8	89.2	133.8
152	56.3	42.0	63.0

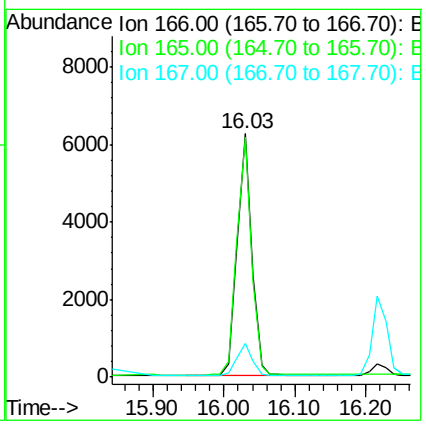


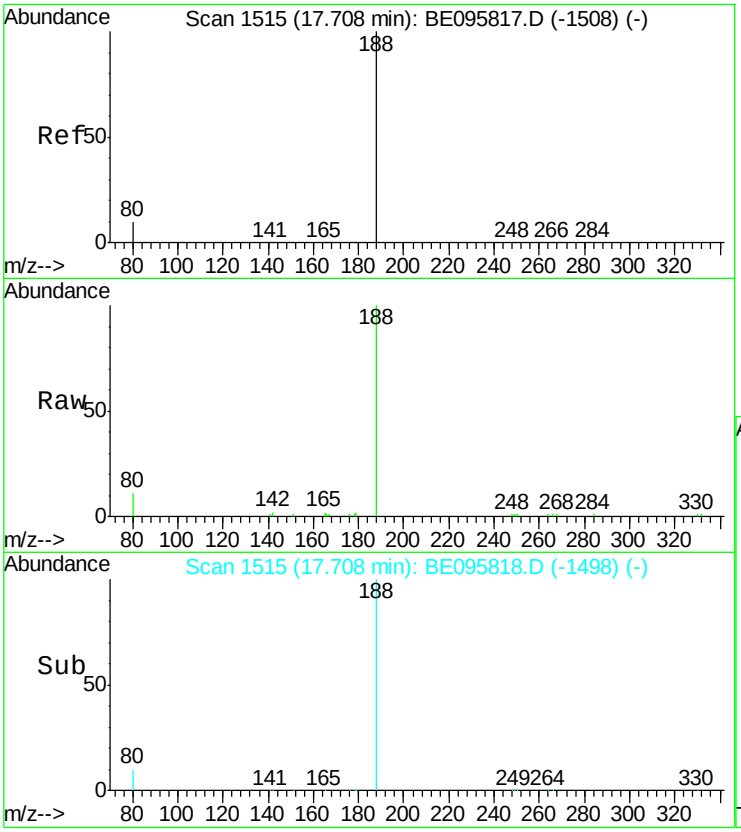


#18
Fluorene
Concen: 0.811 ng
RT: 16.03 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Tgt Ion:166 Resp: 8807

Ion	Ratio	Lower	Upper
166	100		
165	99.7	77.8	116.6
167	13.6	42.4	63.6#



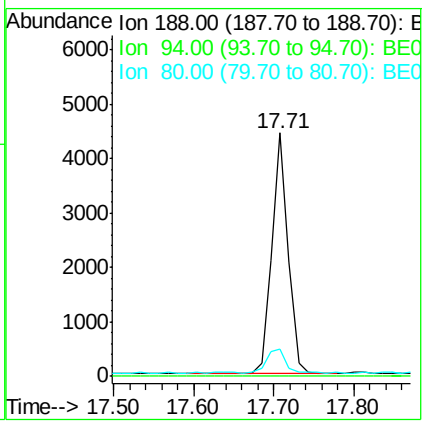


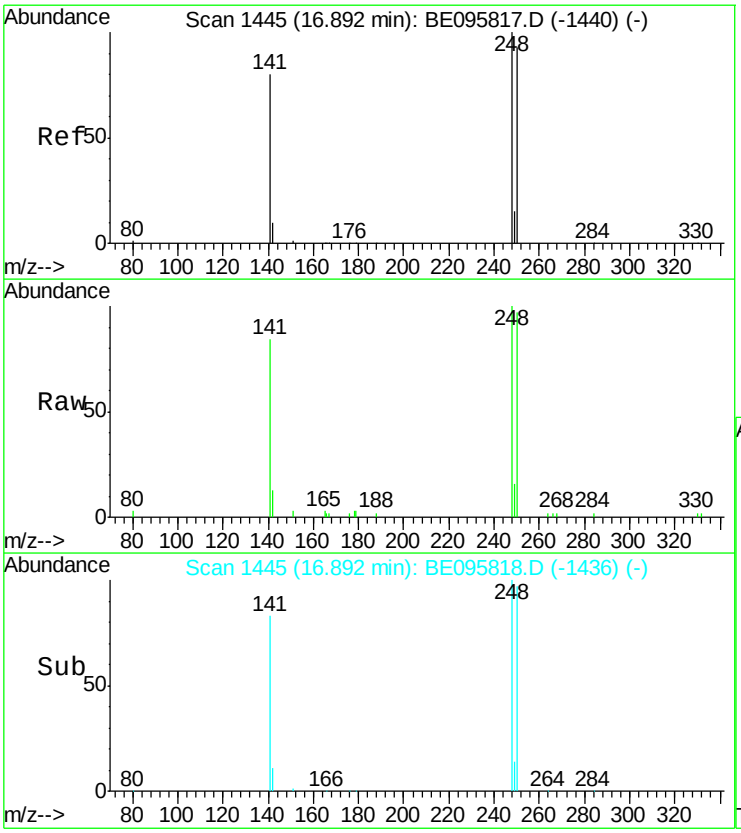
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6307

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.4	3.6	5.4#

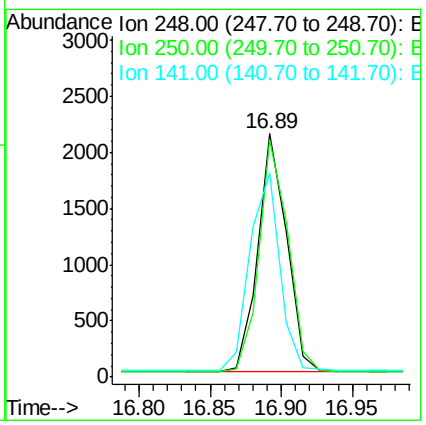


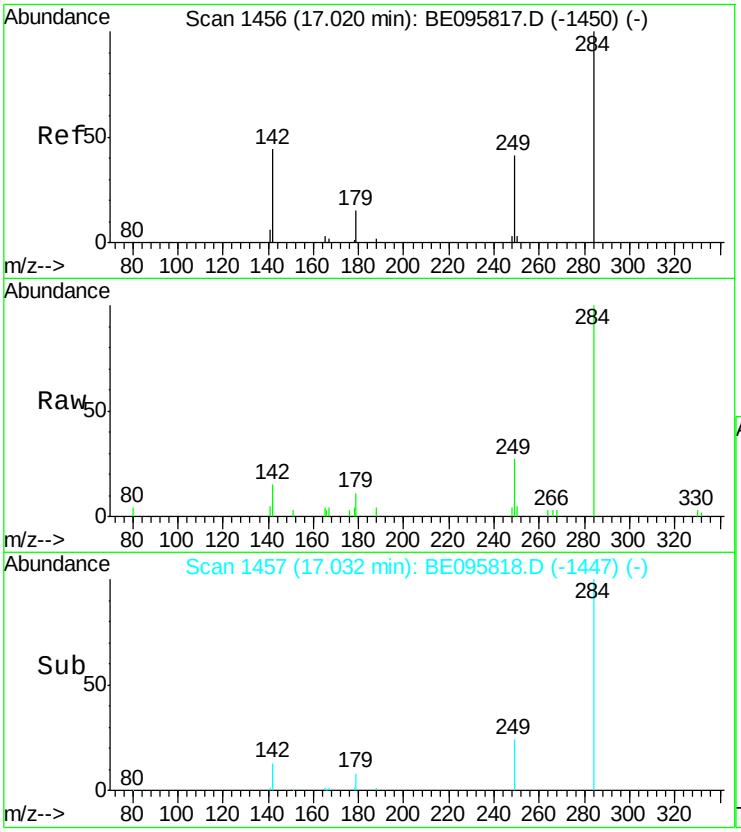


#20
4-Bromophenyl-phenylether
Concen: 0.750 ng
RT: 16.89 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Tgt Ion:248 Resp: 2968

Ion	Ratio	Lower	Upper
248	100		
250	97.3	62.7	94.1#
141	83.8	48.2	72.2#



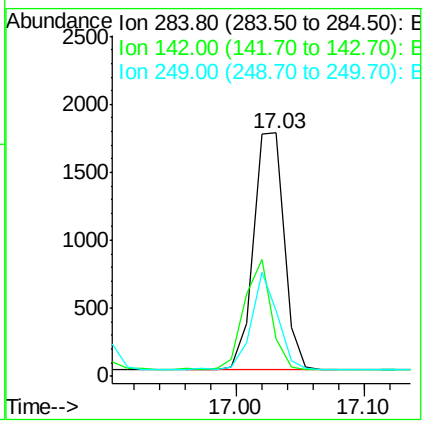


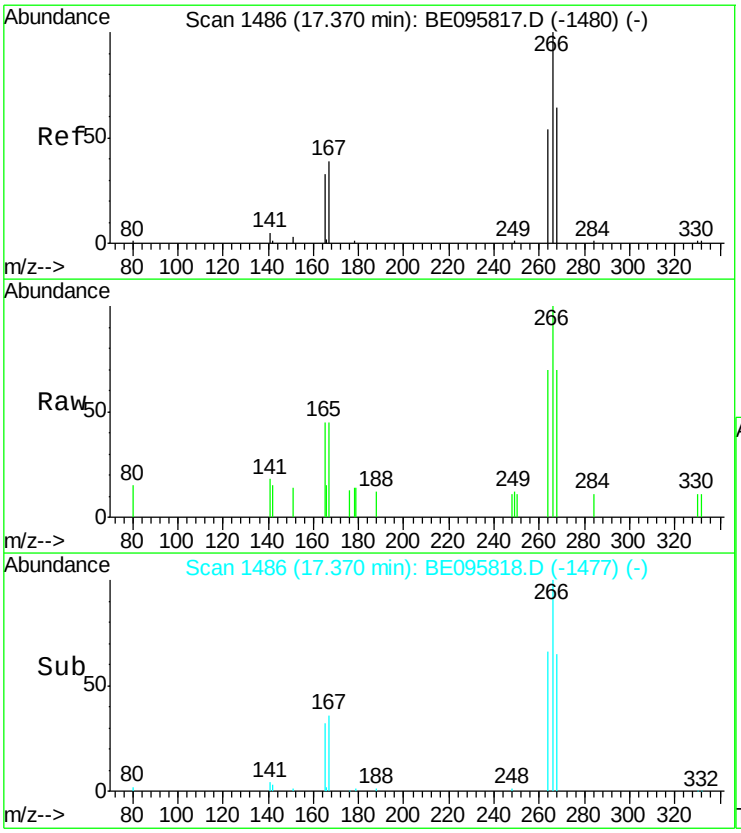
#21
Hexachlorobenzene
Concen: 0.713 ng
RT: 17.03 min Scan# 1457
Delta R.T. 0.01 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2922

Ion	Ratio	Lower	Upper
284	100		
142	40.7	22.1	33.1#
249	34.1	34.8	52.2#

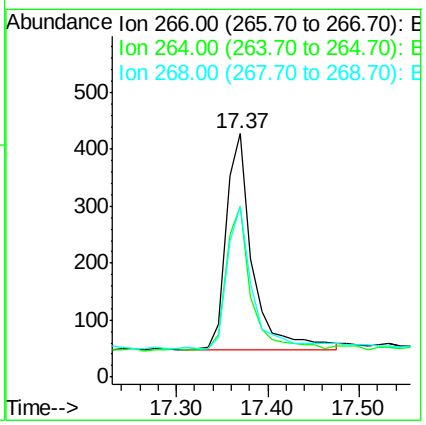


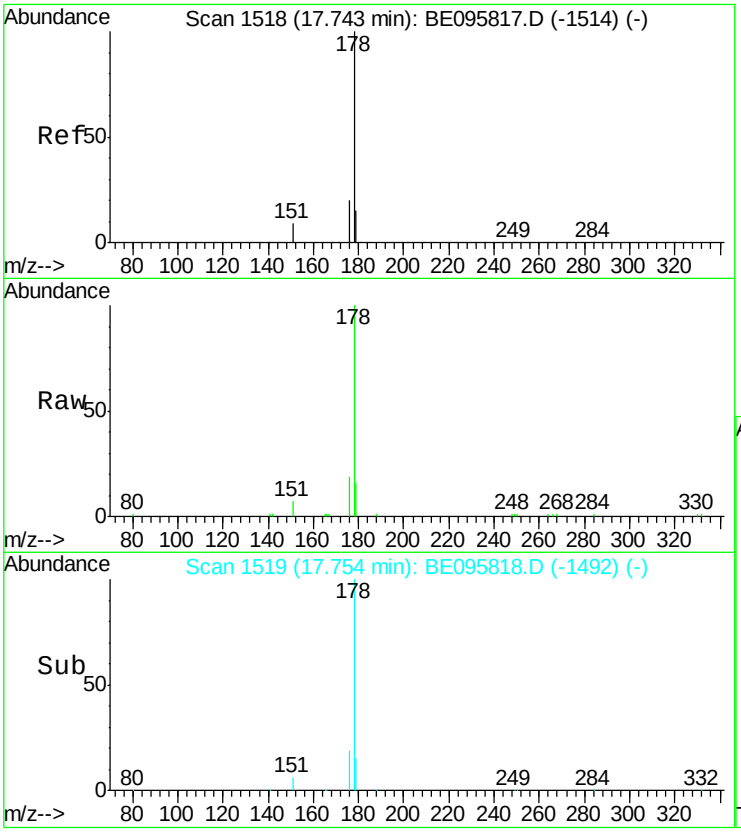


#22
Pentachlorophenol
Concen: 0.804 ng
RT: 17.37 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Tgt Ion:266 Resp: 762

Ion	Ratio	Lower	Upper
266	100		
264	69.9	72.5	108.7#
268	70.1	73.8	110.6#



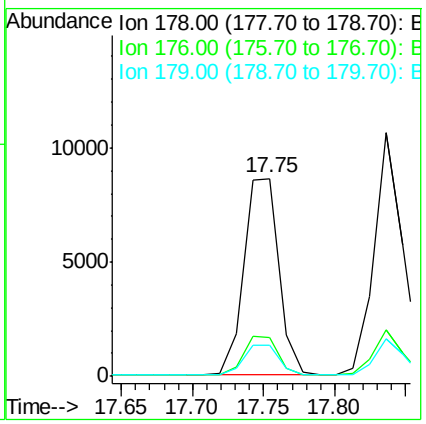


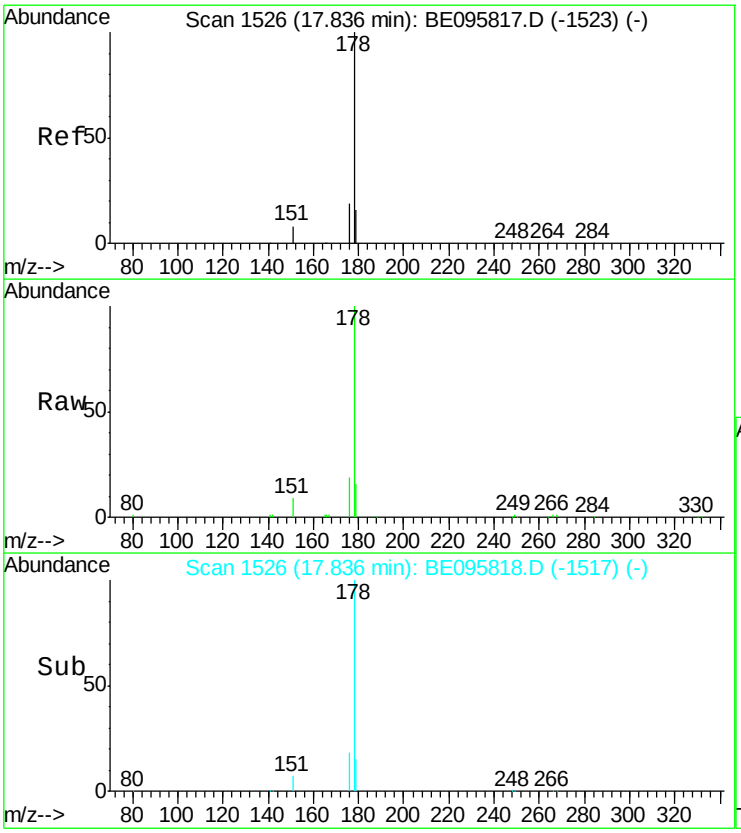
#23
Phenanthrene
Concen: 0.742 ng
RT: 17.75 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 14632

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.3	11.8	17.6

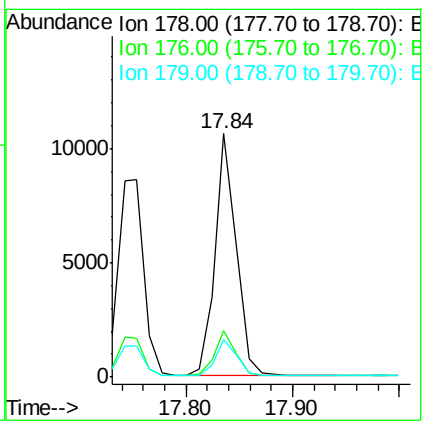


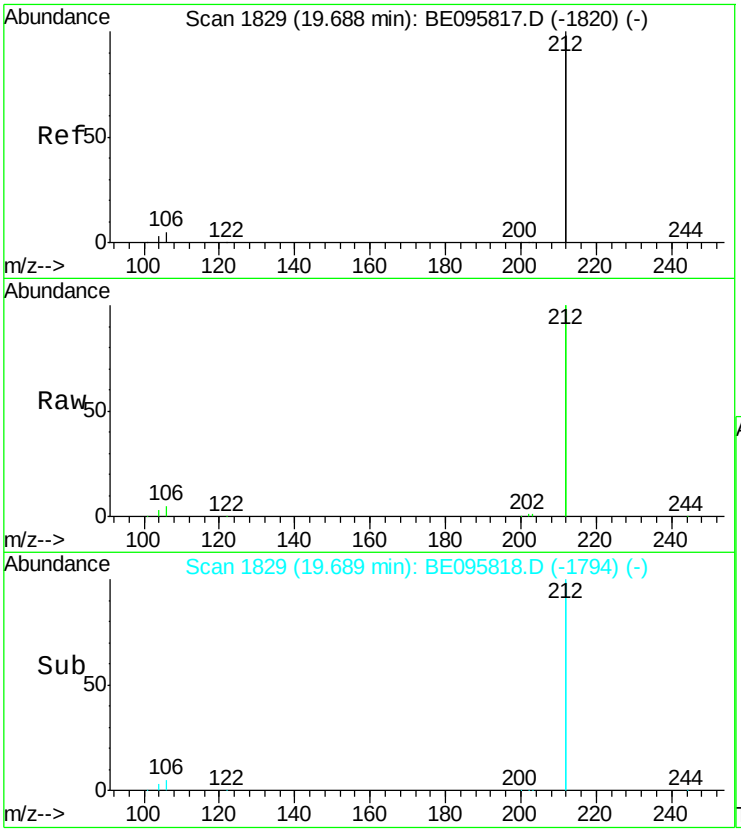


#24
Anthracene
Concen: 0.805 ng
RT: 17.84 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Tgt Ion:178 Resp: 14564

Ion	Ratio	Lower	Upper
178	100		
176	18.6	12.8	19.2
179	15.4	13.0	19.6



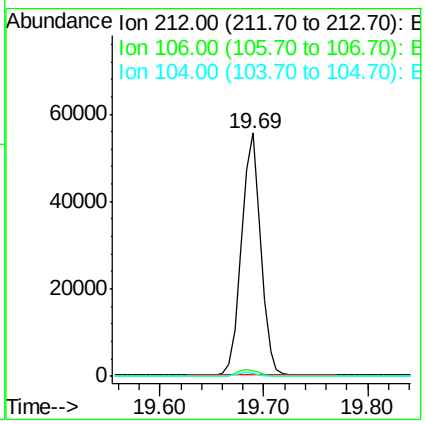


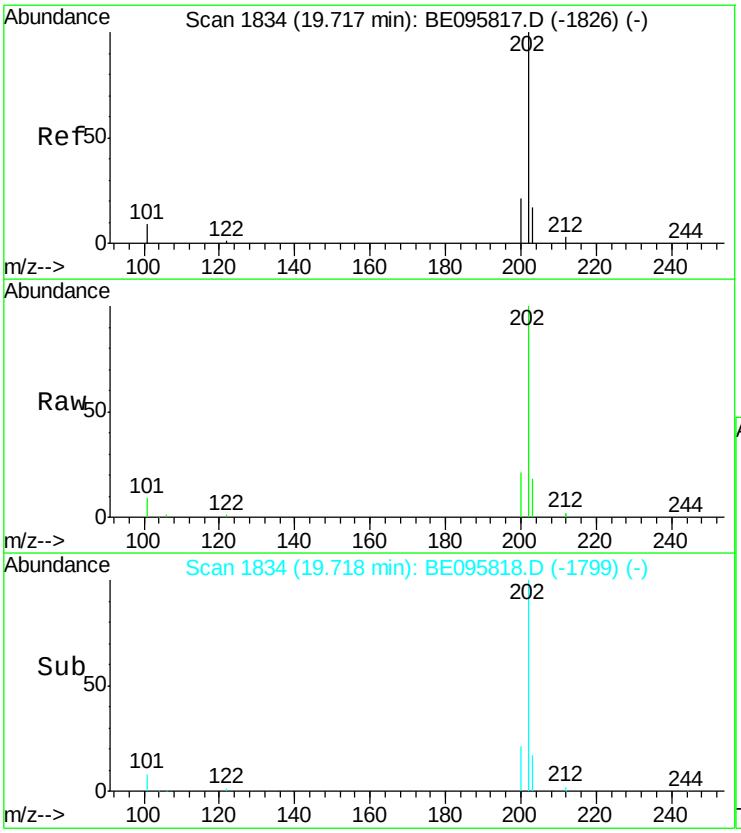
#25
Fluoranthene-d10
Concen: 0.866 ng
RT: 19.69 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 71372

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.8	4.2
104	1.6	1.6	2.4#

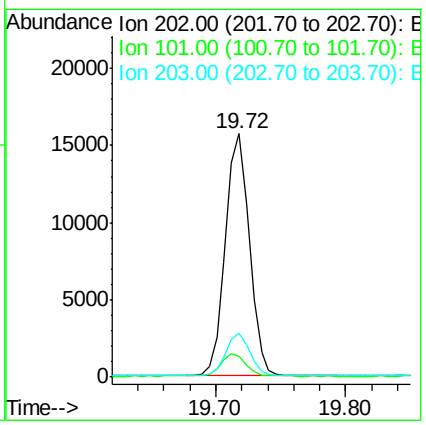


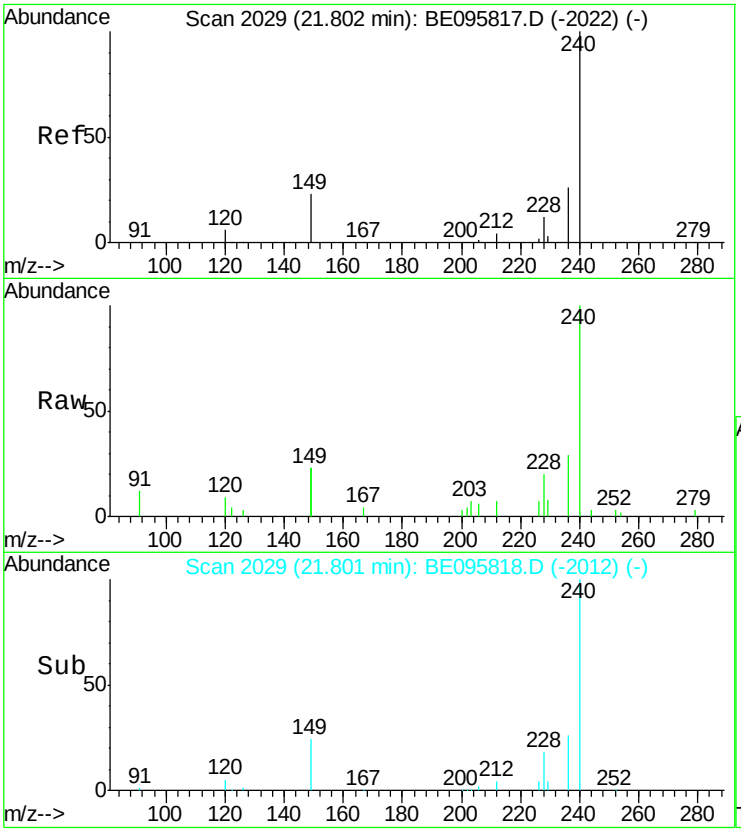


#26
Fluoranthene
Concen: 0.826 ng
RT: 19.72 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Tgt Ion:202 Resp: 20030

Ion	Ratio	Lower	Upper
202	100		
101	9.8	9.8	14.8#
203	17.1	13.7	20.5



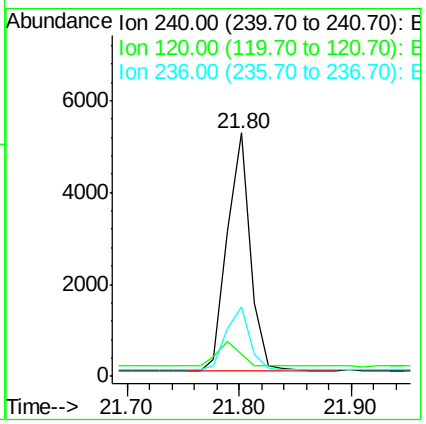


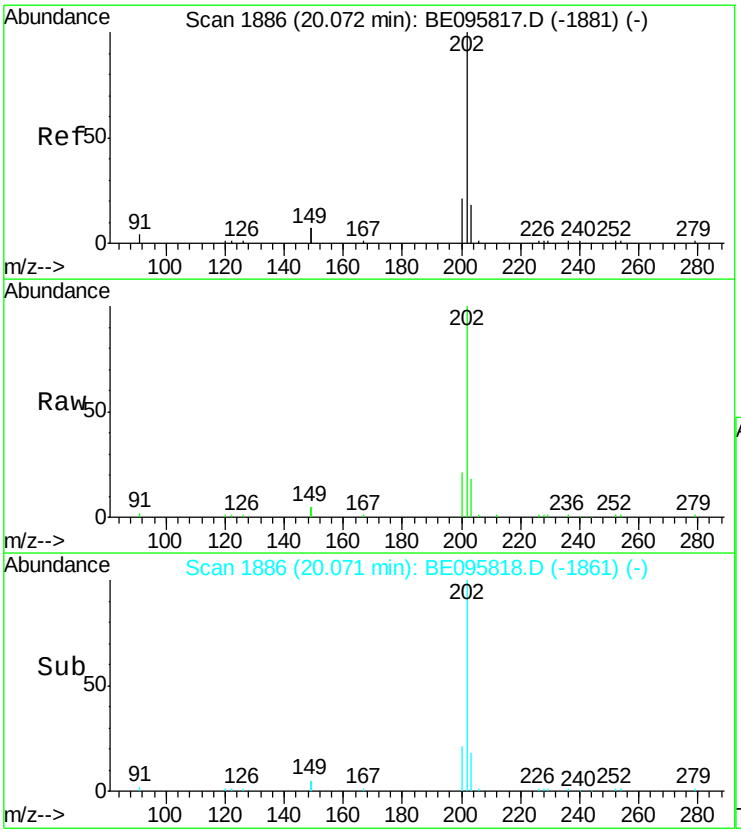
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.80 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7373

Ion	Ratio	Lower	Upper
240	100		
120	9.0	5.5	8.3#
236	28.7	20.7	31.1

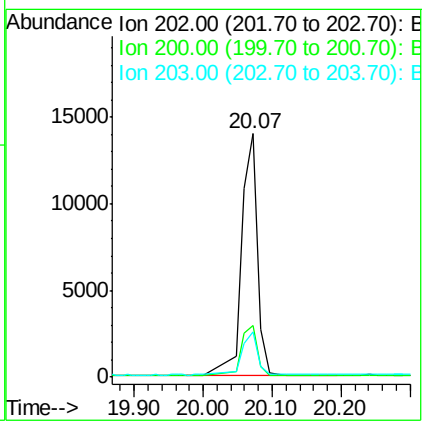


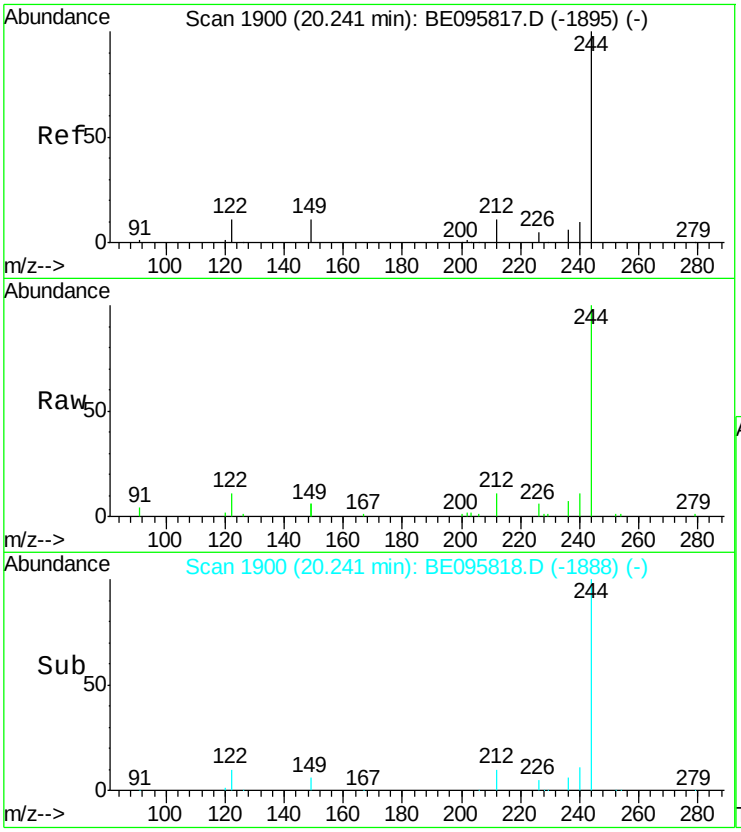


#28
Pyrene
Concen: 0.731 ng
RT: 20.07 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Tgt Ion:202 Resp: 22054

Ion	Ratio	Lower	Upper
202	100		
200	26.6	16.6	25.0#
203	19.0	13.8	20.8



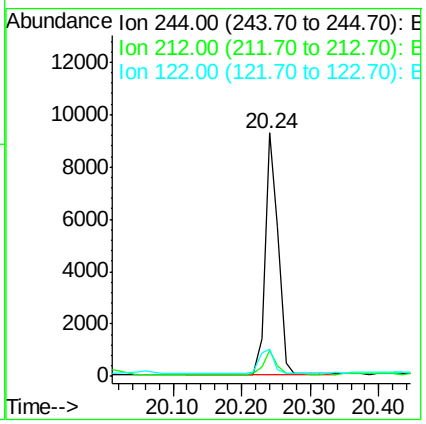


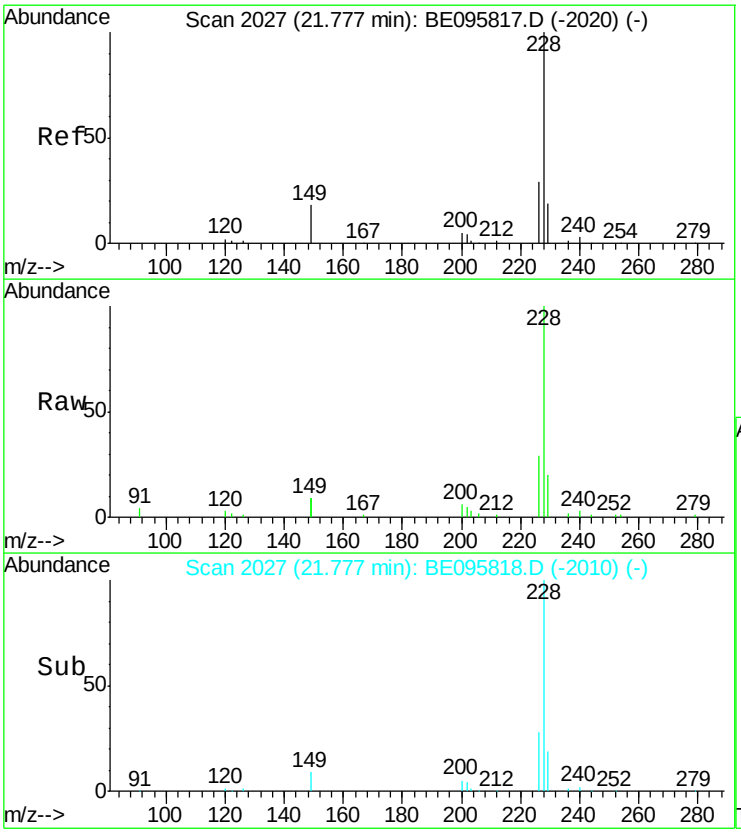
#29
Terphenyl-d14
Concen: 0.837 ng
RT: 20.24 min Scan# 1900
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 12298

Ion	Ratio	Lower	Upper
244	100		
212	10.9	25.4	38.0#
122	11.2	8.1	12.1

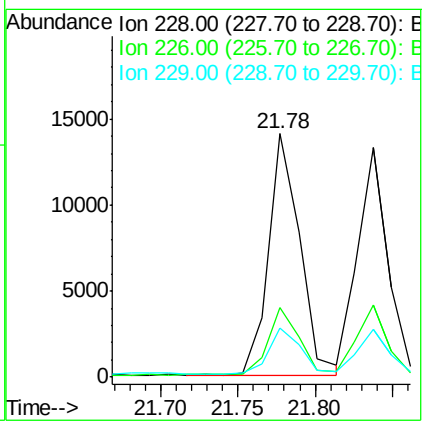


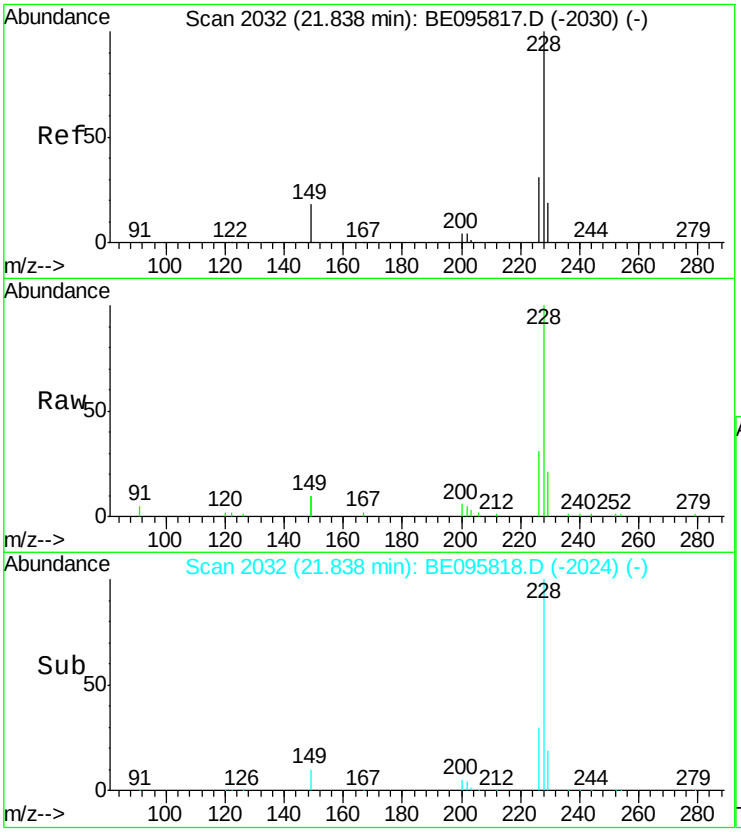


#30
Benzo(a)anthracene
Concen: 0.822 ng
RT: 21.78 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Tgt Ion:228 Resp: 19773

Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.0	36.0
229	20.1	16.0	24.0



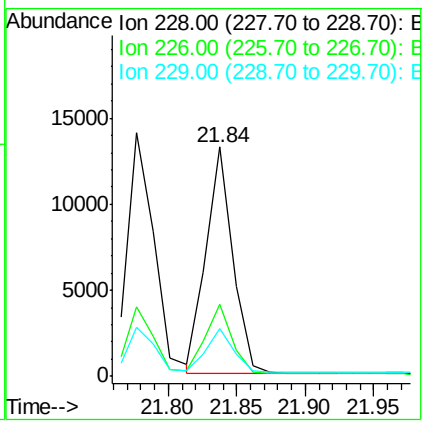


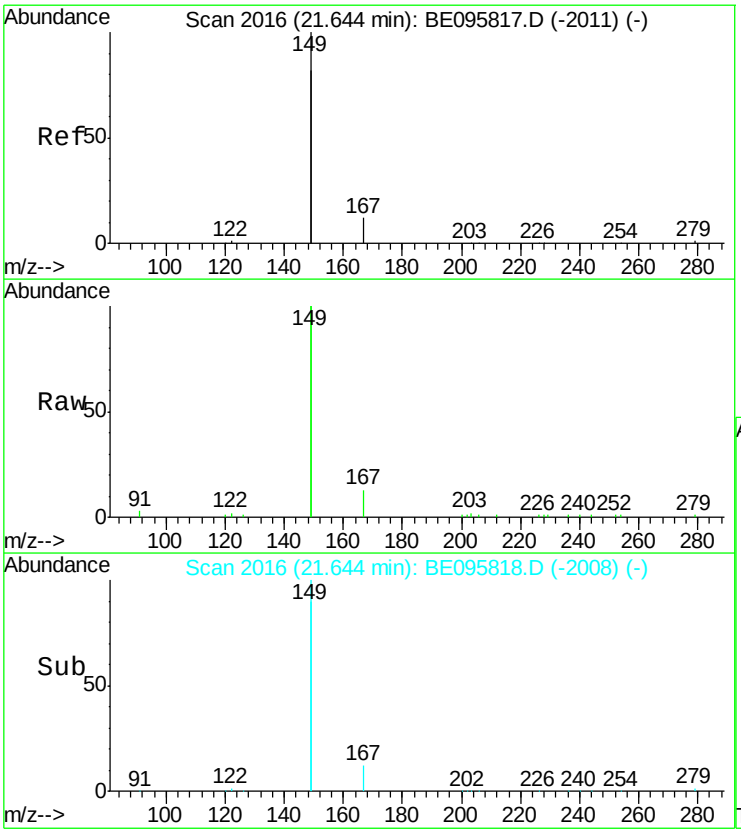
#31
Chrysene
Concen: 0.749 ng
RT: 21.84 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 17908

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.0	36.0
229	20.8	16.0	24.0

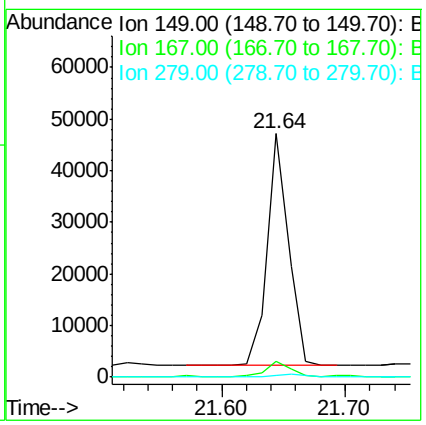


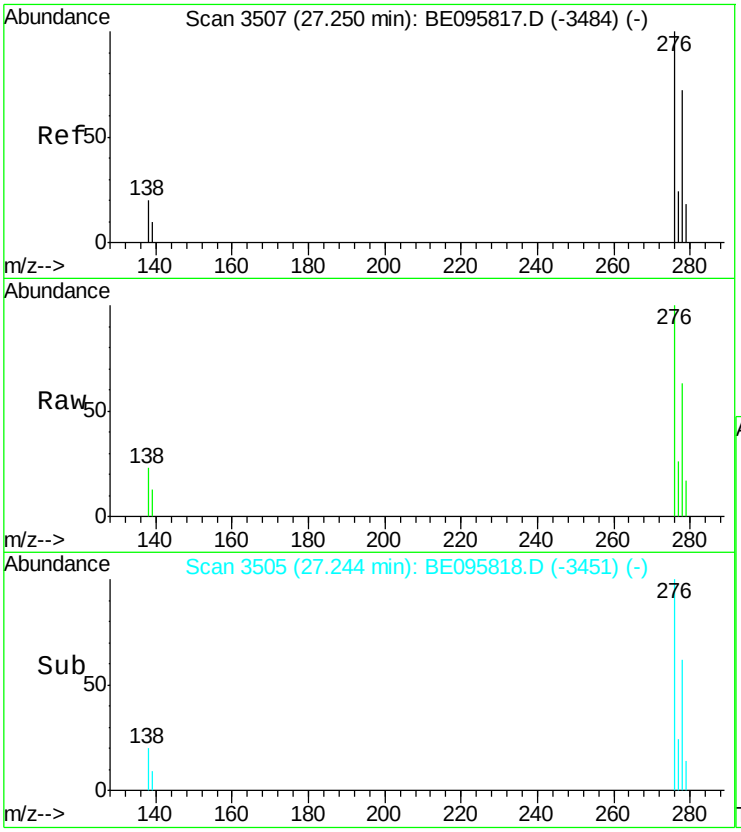


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.272 ng
RT: 21.64 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Tgt Ion:149 Resp: 54132

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.1	0.7	1.1#



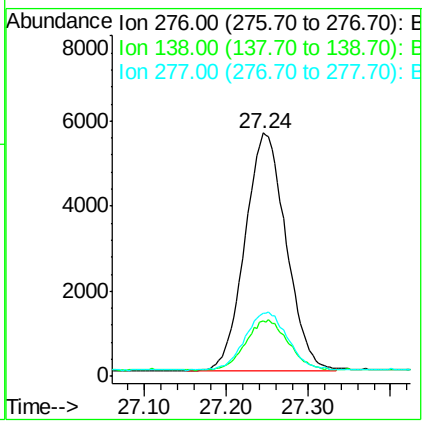


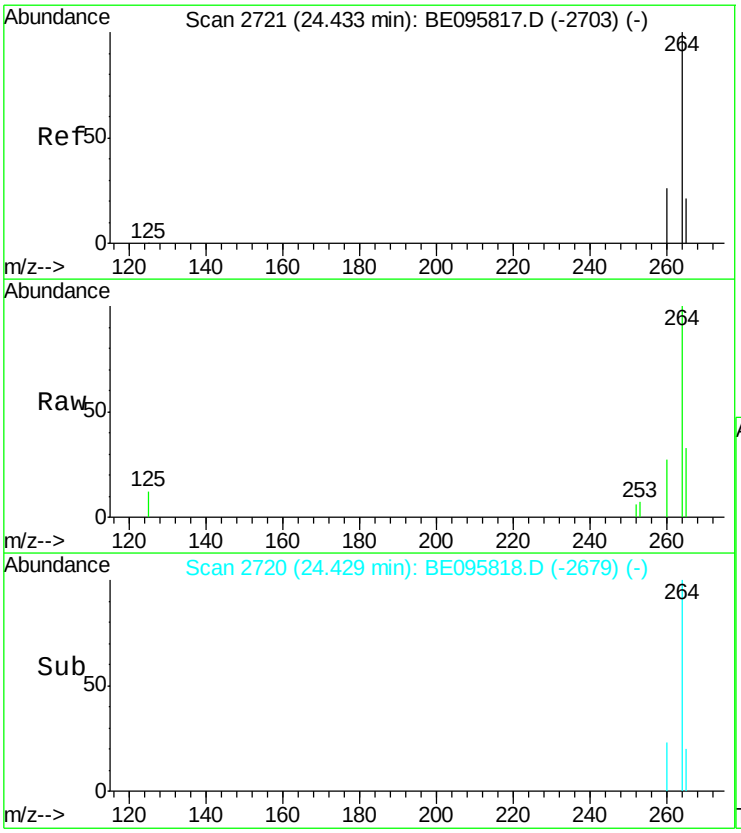
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.840 ng
RT: 27.24 min Scan# 3505
Delta R.T. -0.01 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 19481

Ion	Ratio	Lower	Upper
276	100		
138	22.0	22.5	33.7#
277	25.4	19.9	29.9

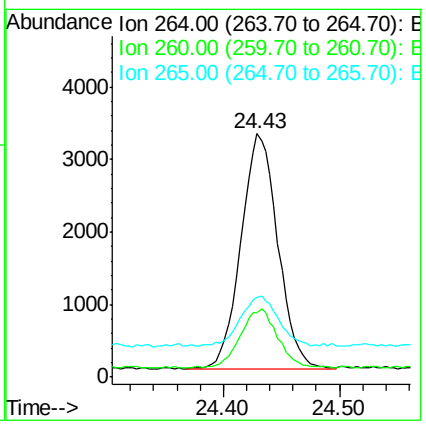


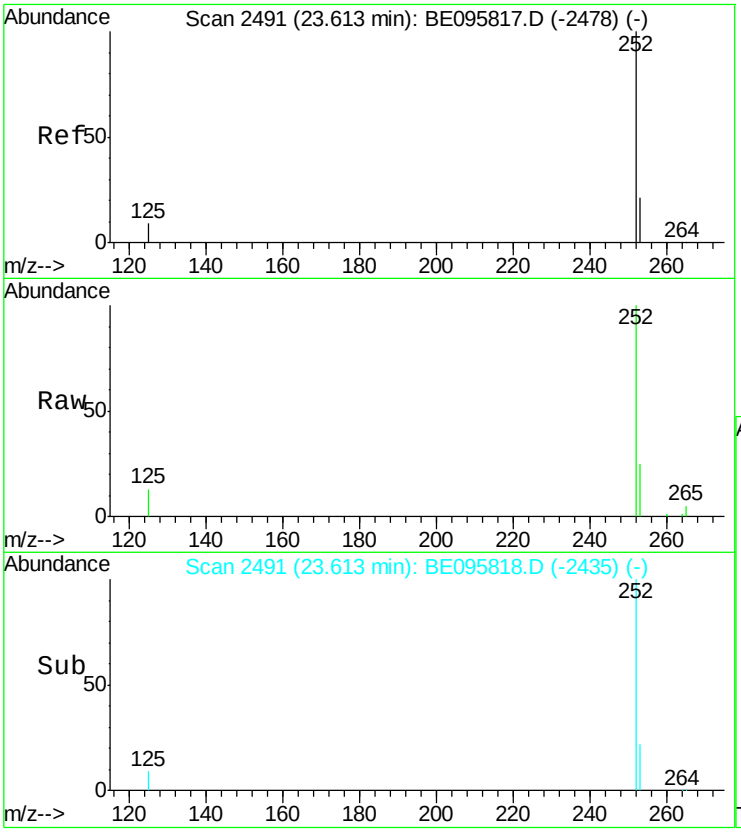


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2720
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Tgt Ion:264 Resp: 7132

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.5	30.7
265	32.8	22.8	34.2



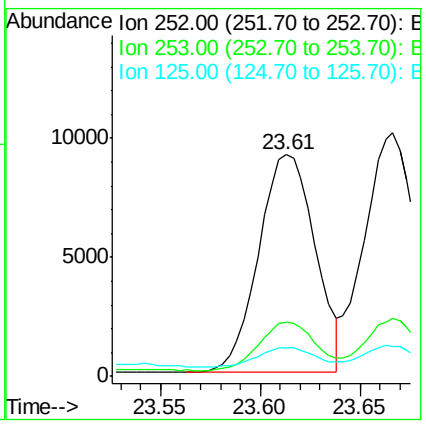


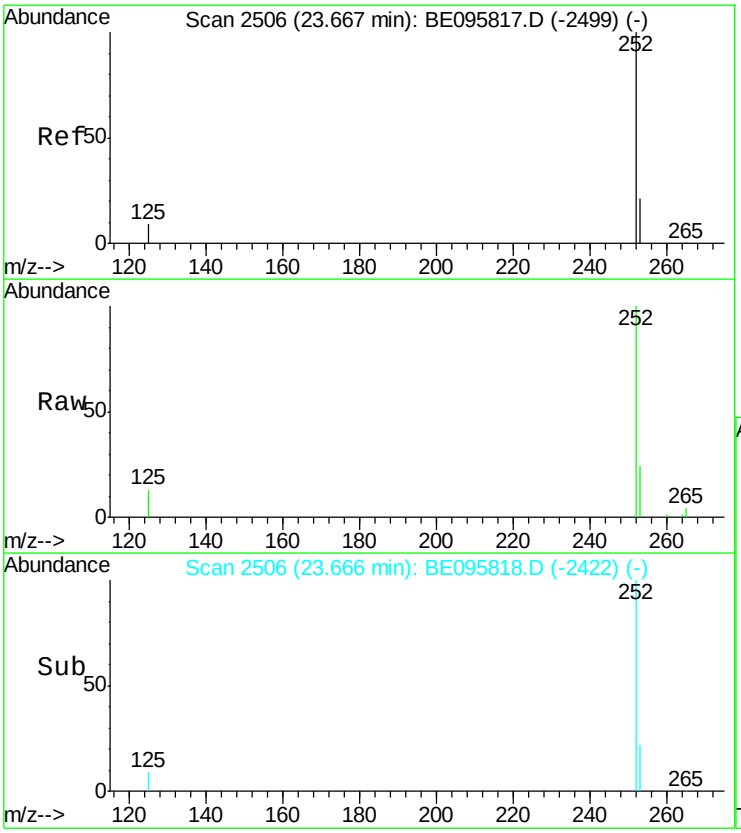
#35
Benzo(b)fluoranthene
Concen: 0.710 ng
RT: 23.61 min Scan# 2491
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 18026

Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.0	30.0
125	13.0	16.0	24.0#

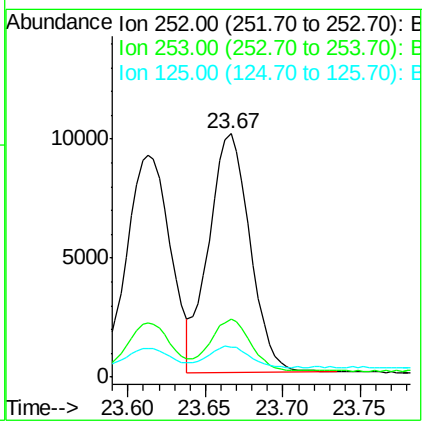


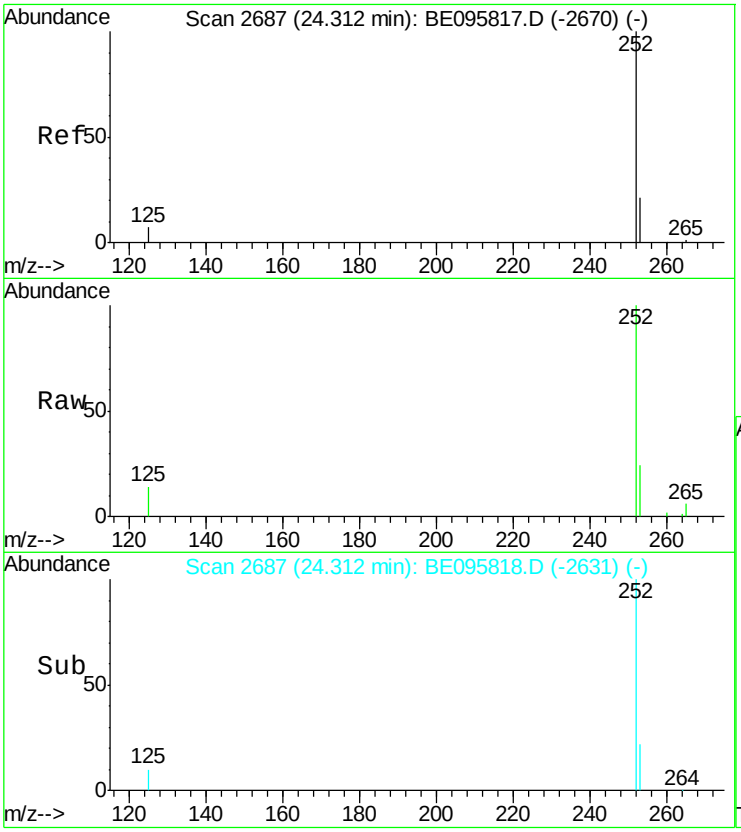


#36
Benzo(k)fluoranthene
Concen: 0.738 ng
RT: 23.67 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Tgt Ion:252 Resp: 18636

Ion	Ratio	Lower	Upper
252	100		
253	23.8	16.0	24.0
125	12.5	8.0	12.0#



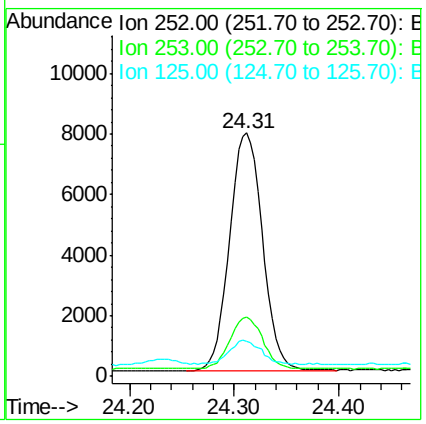


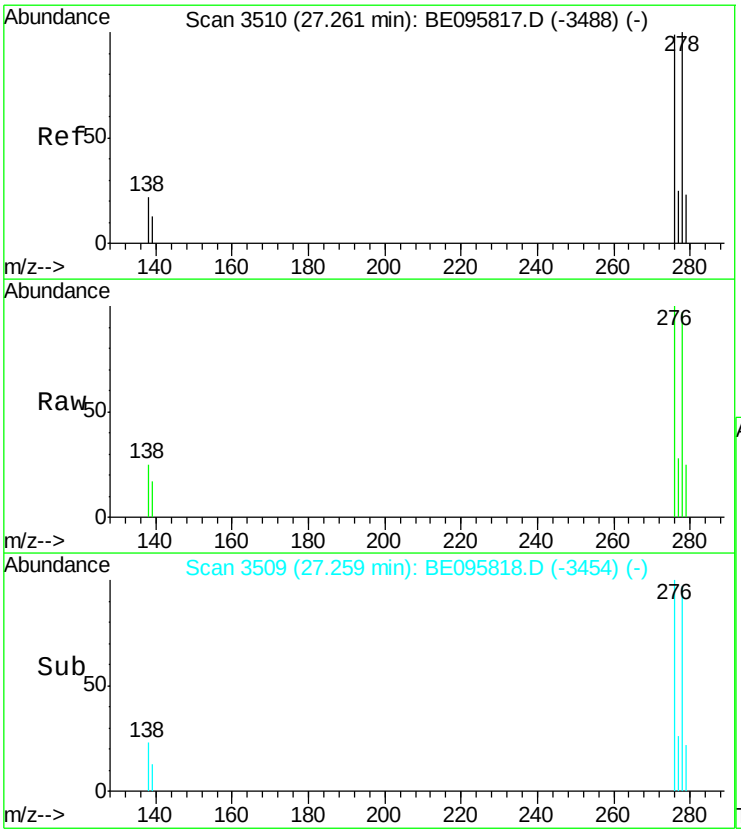
#37
Benzo(a)pyrene
Concen: 0.753 ng
RT: 24.31 min Scan# 2687
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 17246

Ion	Ratio	Lower	Upper
252	100		
253	24.3	16.0	24.0#
125	14.4	12.0	18.0

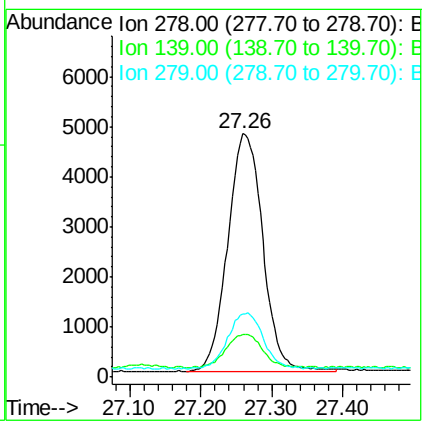


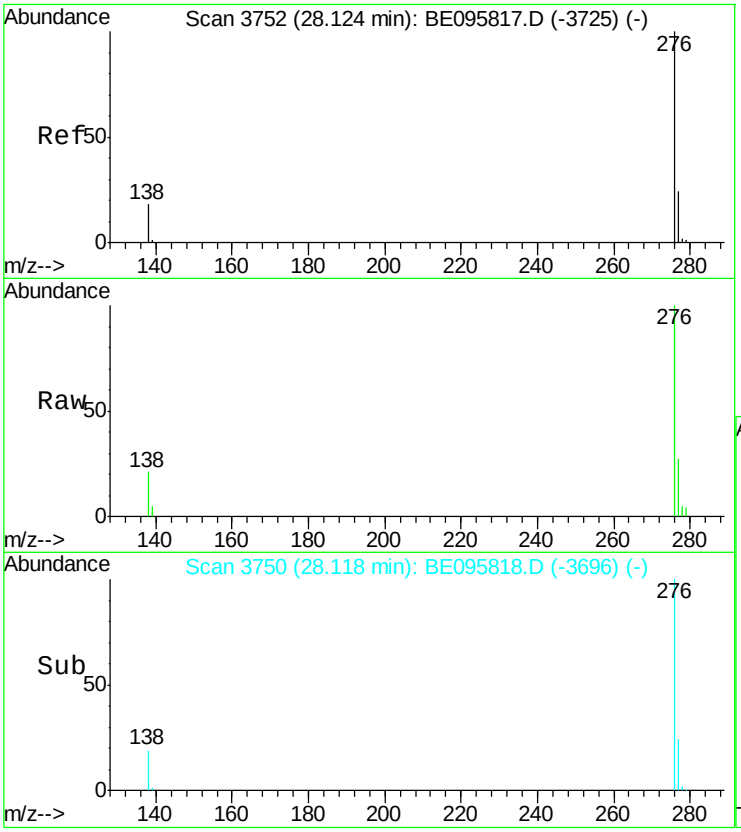


#38
Dibenzo(a,h)anthracene
Concen: 0.804 ng
RT: 27.26 min Scan# 3509
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Tgt Ion:278 Resp: 16380

Ion	Ratio	Lower	Upper
278	100		
139	17.3	16.0	24.0
279	26.1	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.745 ng
RT: 28.12 min Scan# 3750
Delta R.T. -0.01 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 16258

Ion	Ratio	Lower	Upper
276	100		
277	26.6	16.0	24.0#
138	21.5	20.0	30.0