Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE022318\
Data File : BE095672.D
Acq On : 23 Feb 2018 8:30
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Feb 23 11:05:39 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 10:57:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.423	152	1139	0.40	ng		-0.01
7) Naphthalene-d8	11.276	136	4373	0.40	ng		0.00
13) Acenaphthene-d10	15.001	164	2436	0.40	ng		0.00
19) Phenanthrene-d10	17.713	188	5613	0.40	ng		0.01
27) Chrysene-d12	21.792	240	5712	0.40	ng		0.00
34) Perylene-d12	24.421	264	5302	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.918	112	301	0.09	ng		0.00
5) Phenol-d6	7.555	99	369	0.08	ng		0.00
8) Nitrobenzene-d5	9.615	82	426	0.09	ng		0.00
11) 2-Methylnaphthalene-d10	12.803	152	715	0.10	ng		0.00
14) 2,4,6-Tribromophenol	16.472	330	70	0.06	ng		0.00
15) 2-Fluorobiphenyl	13.638	172	1060	0.10	ng		0.00
25) Fluoranthene-d10	19.686	212	7211	0.10	ng		0.00
29) Terphenyl-d14	20.251	244	1150	0.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.652	88	199	0.11	ng		94
3) n-Nitrosodimethylamine	4.004	42	199	0.08	ng	#	75
6) bis(2-Chloroethyl)ether	7.832	93	430	0.10	ng		94
9) Naphthalene	11.310	128	5032	0.10	ng	#	96
10) Hexachlorobutadiene	11.577	225	256	0.09	ng		91
12) 2-Methylnaphthalene	12.876	142	861	0.10	ng		95
16) Acenaphthylene	14.735	152	1315	0.09	ng		99
17) Acenaphthene	15.061	154	807	0.09	ng		92
18) Fluorene	16.023	166	1018	0.09	ng	#	78
20) 4-Bromophenyl-phenylether	16.891	248	341	0.10	ng	#	67
21) Hexachlorobenzene	17.025	284	370	0.11	ng	#	82
22) Pentachlorophenol	17.369	266	57	0.06	ng		97
23) Phenanthrene	17.743	178	1679	0.10	ng		98
24) Anthracene	17.833	178	1522	0.09	ng	#	95
26) Fluoranthene	19.716	202	2035	0.09	ng		98
28) Pyrene	20.064	202	2222	0.09	ng		95
30) Benzo(a)anthracene	21.776	228	1834	0.10	ng		99
31) Chrysene	21.838	228	1896	0.10	ng		96
32) Bis(2-ethylhexyl)phtha...	21.651	149	3462	0.08	ng		100
33) Indeno(1,2,3-cd)pyrene	27.234	276	1718	0.09	ng	#	92
35) Benzo(b)fluoranthene	23.606	252	1819	0.10	ng	#	92
36) Benzo(k)fluoranthene	23.660	252	1713	0.09	ng	#	83
37) Benzo(a)pyrene	24.307	252	1598	0.09	ng	#	83
38) Dibenzo(a,h)anthracene	27.243	278	1323	0.09	ng	#	80
39) Benzo(g,h,i)perylene	28.099	276	1530	0.10	ng	#	81

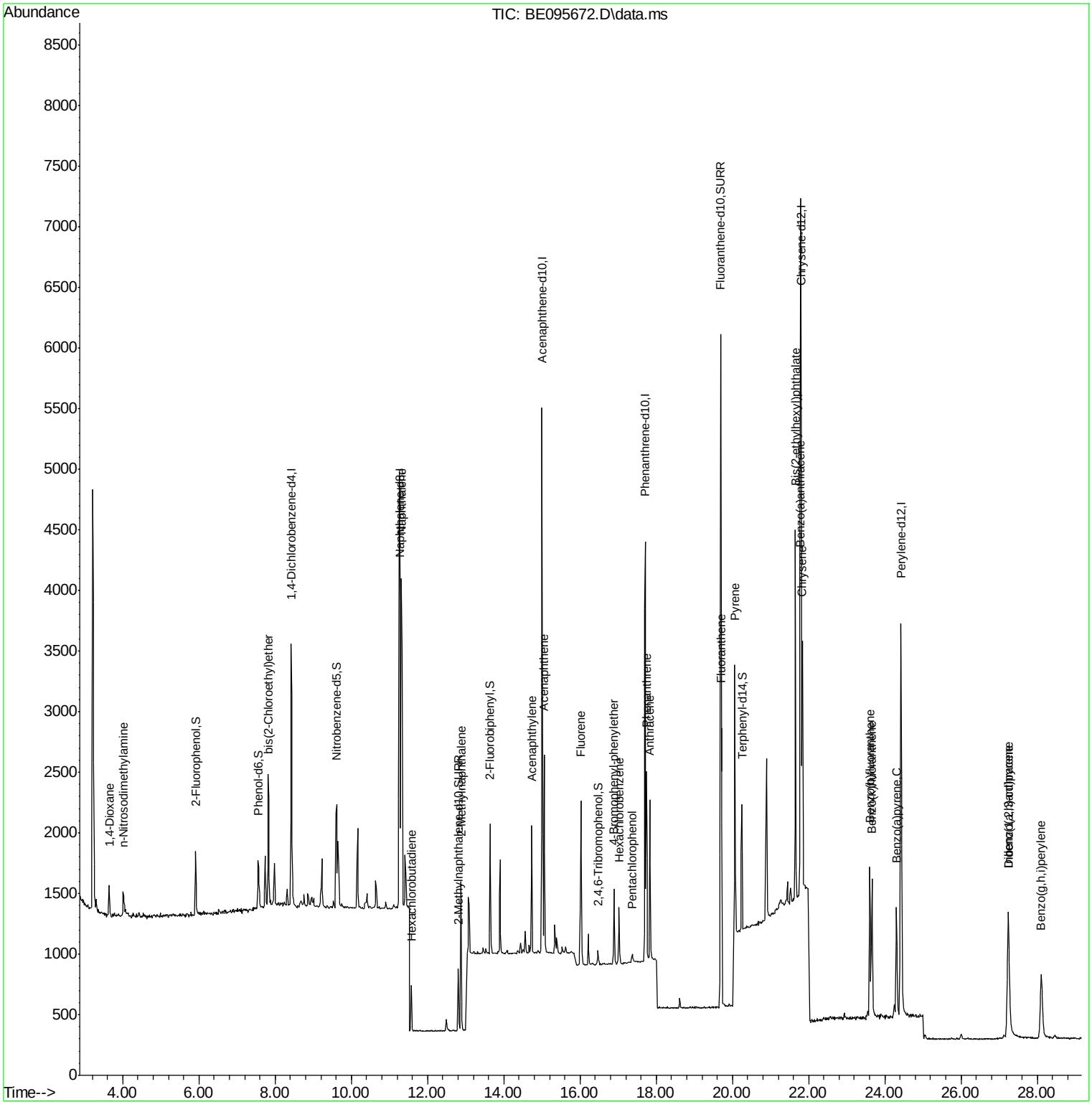
(#) = qualifier out of range (m) = manual integration (+) = signals summed

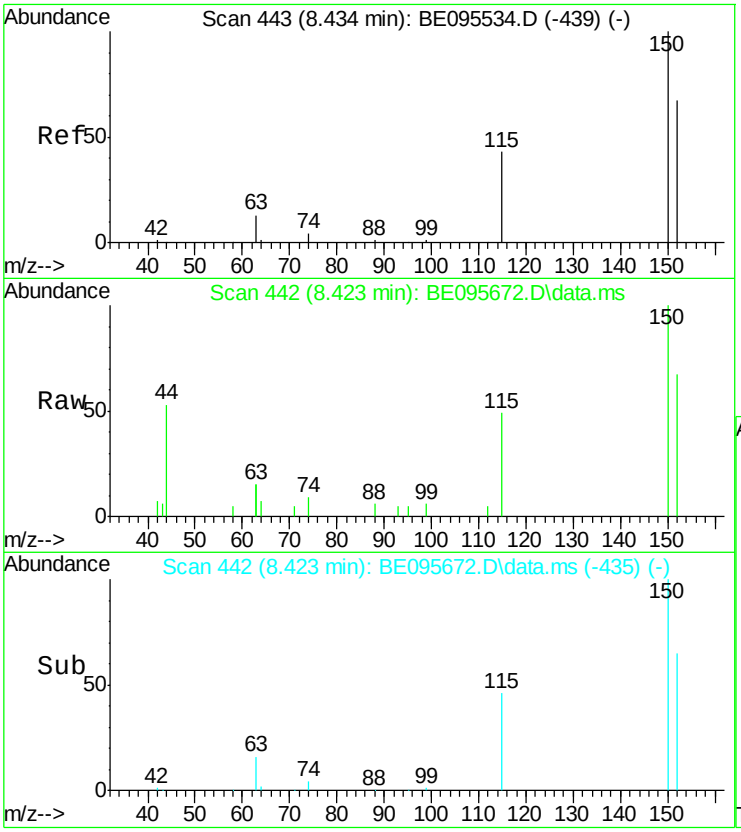
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE022318\
Data File : BE095672.D
Acq On : 23 Feb 2018 8:30
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 23 11:05:39 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 10:57:33 2018
Response via : Initial Calibration



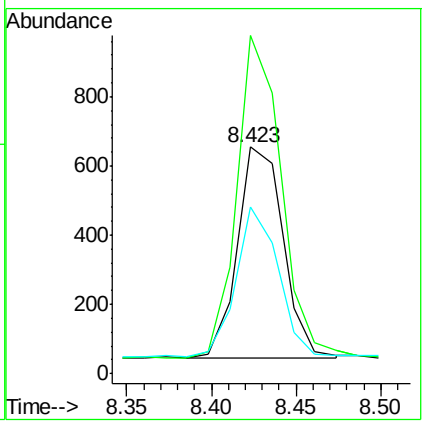


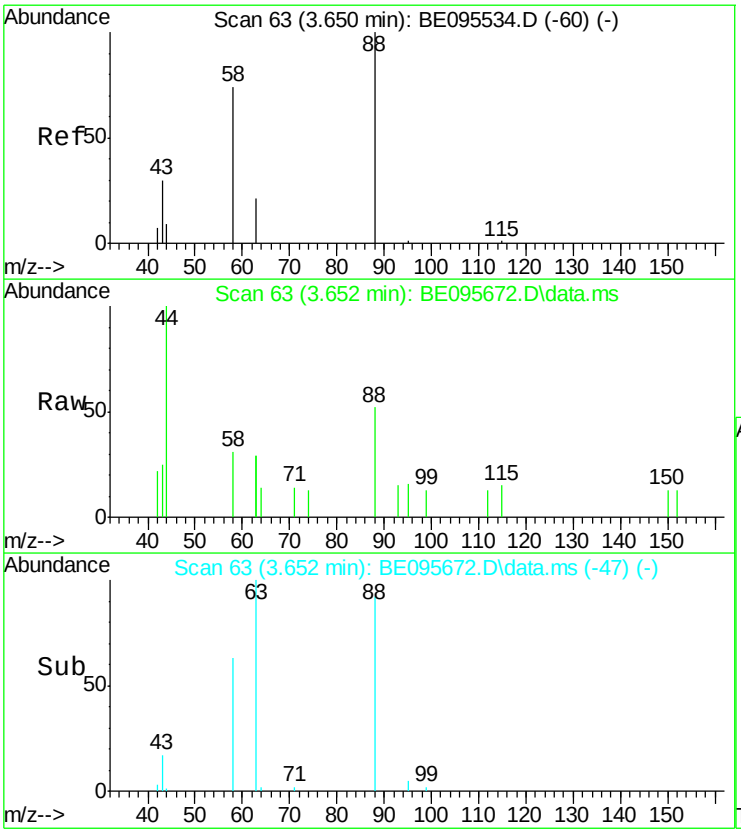
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 8.423 min Scan# 44
Delta R.T. -0.010 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1139

Ion	Ratio	Lower	Upper
152	100		
150	149.2	117.2	175.8
115	73.4	57.0	85.6

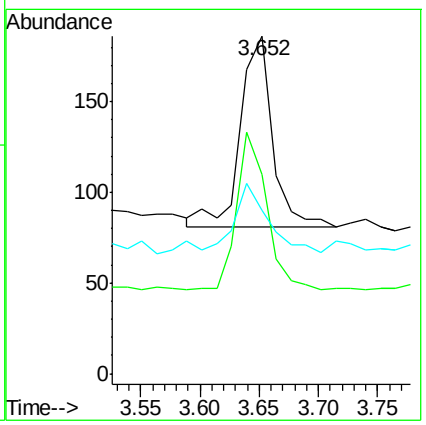


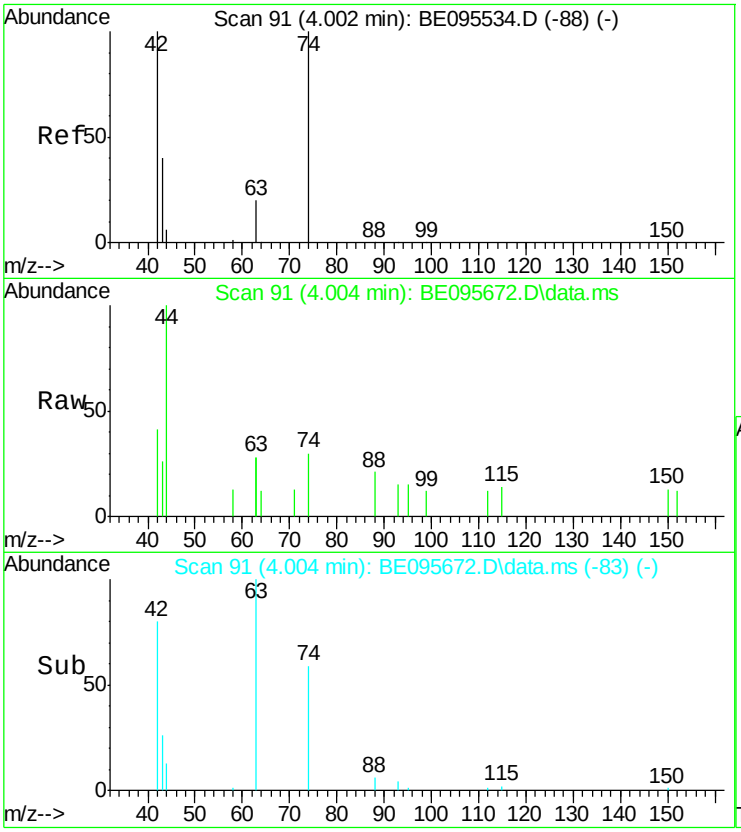


#2
1,4-Dioxane
Concen: 0.11 ng
RT: 3.652 min Scan# 63
Delta R.T. 0.002 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion: 88 Resp: 199

Ion	Ratio	Lower	Upper
88	100		
58	76.9	63.2	94.8
43	44.2	41.2	61.8



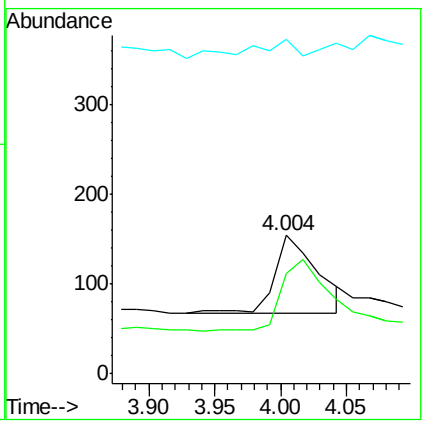


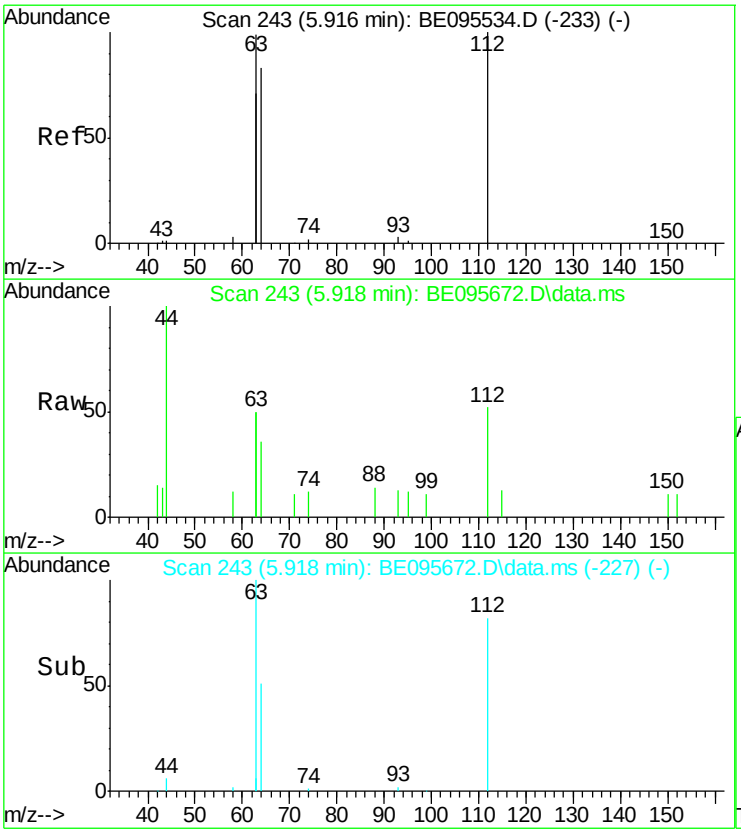
#3
n-Nitrosodimethylamine
Concen: 0.08 ng
RT: 4.004 min Scan# 91
Delta R.T. 0.002 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 199

Ion	Ratio	Lower	Upper
42	100		
74	92.5	96.0	144.0#
44	27.1	12.0	18.0#

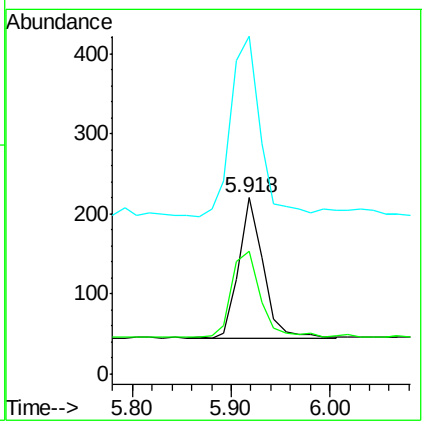


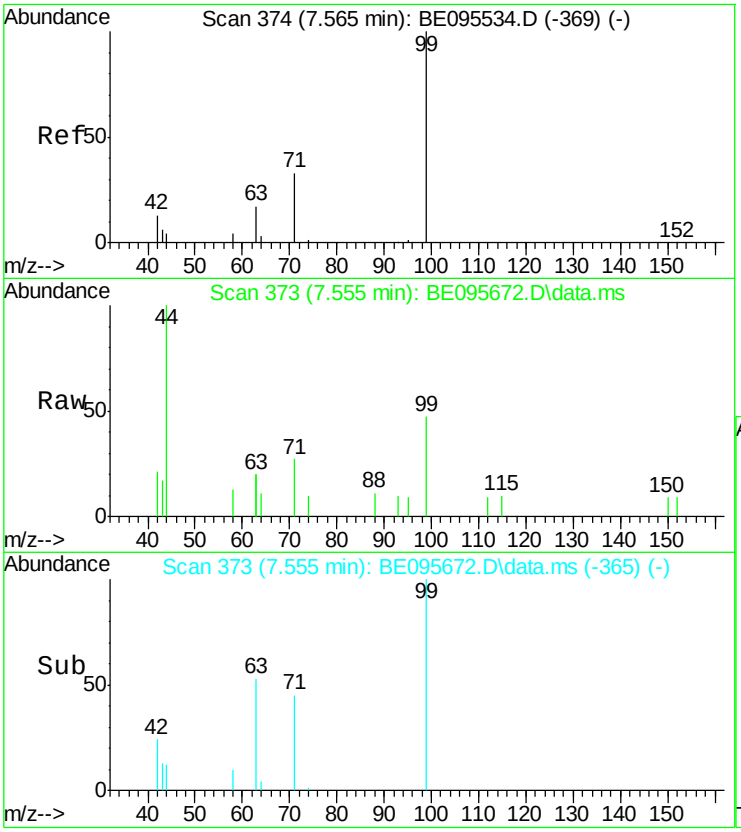


#4
2-Fluorophenol
Concen: 0.09 ng
RT: 5.918 min Scan# 243
Delta R.T. 0.002 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:112 Resp: 301

Ion	Ratio	Lower	Upper
112	100		
64	73.1	60.1	90.1
63	154.5	116.8	175.2



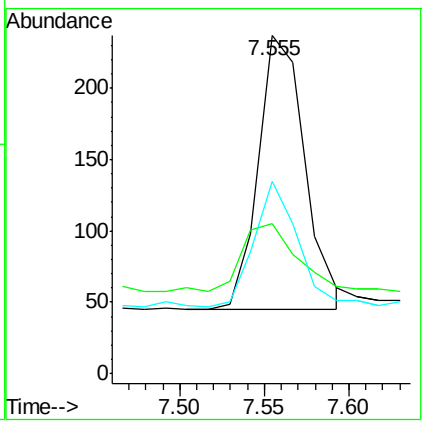


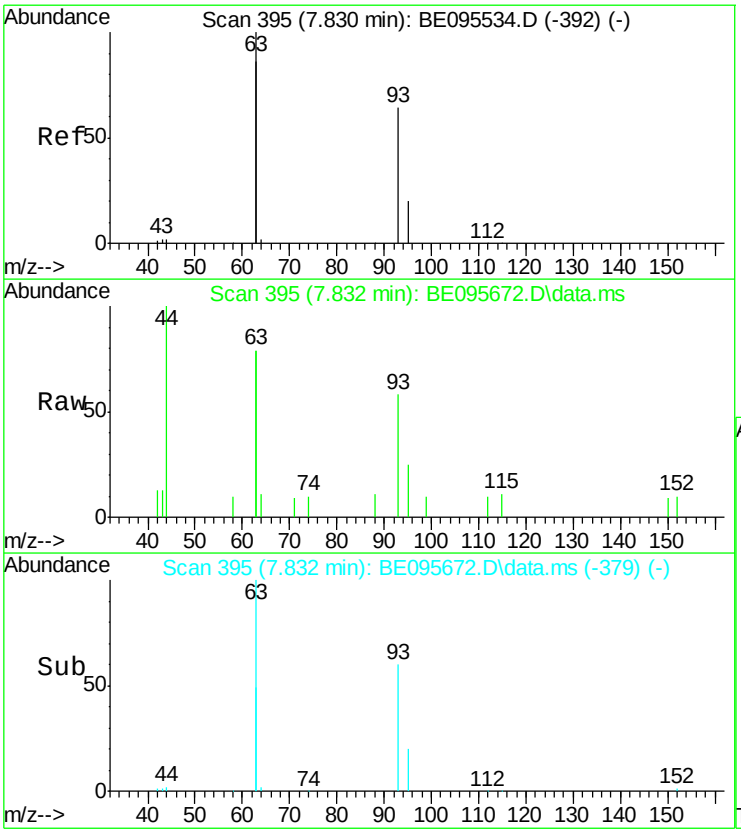
#5
Phenol-d6
Concen: 0.08 ng
RT: 7.555 min Scan# 37
Delta R.T. 0.002 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 369

Ion	Ratio	Lower	Upper
99	100		
42	29.0	20.2	30.2
71	42.0	28.4	42.6

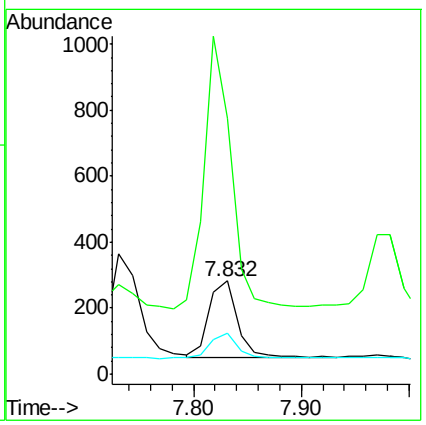


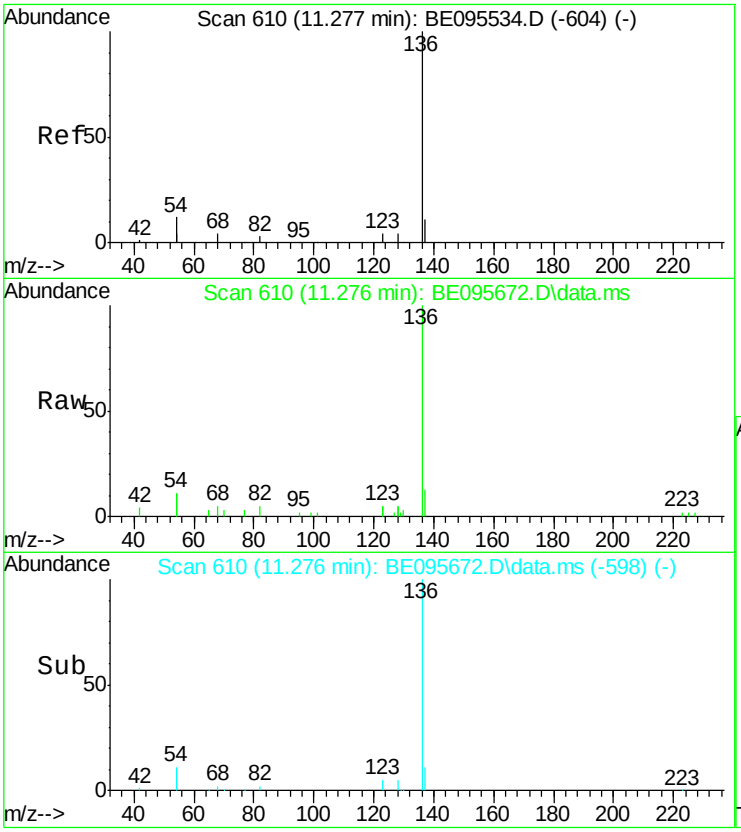


#6
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 7.832 min Scan# 395
Delta R.T. 0.002 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion: 93 Resp: 430

Ion	Ratio	Lower	Upper
93	100		
63	330.7	275.3	412.9
95	32.1	25.2	37.8



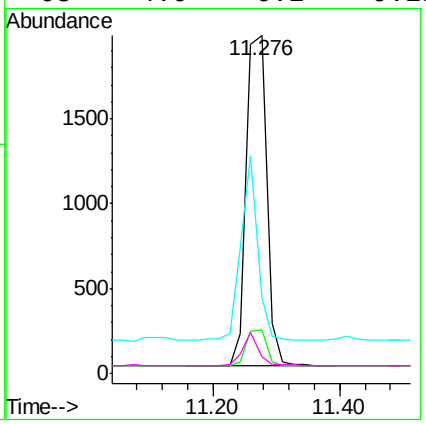


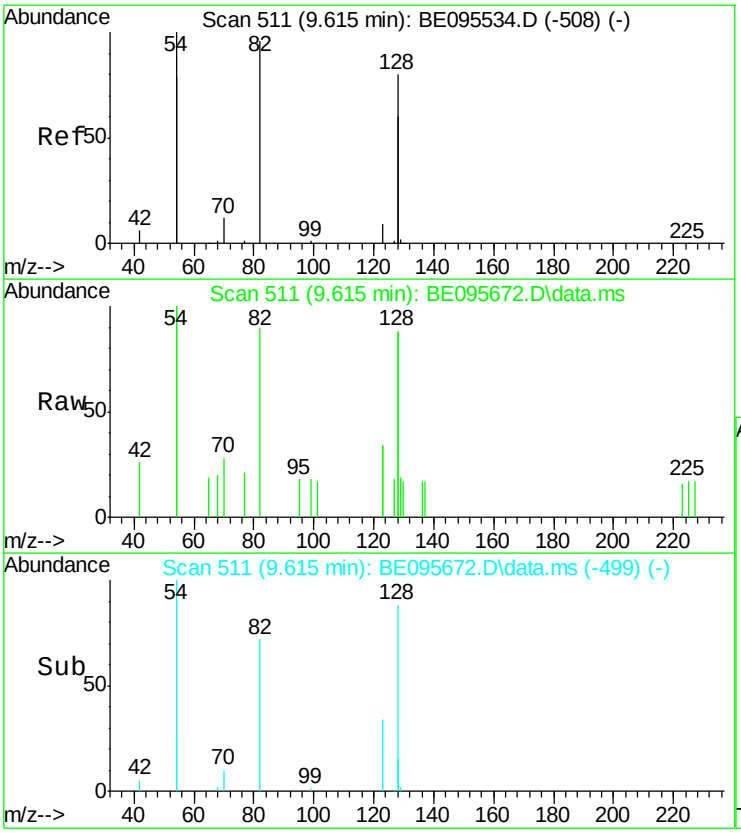
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 11.276 min Scan# 61
Delta R.T. 0.001 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4373

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.5	14.3
54	22.2	29.1	43.7#
68	4.9	6.2	9.2#

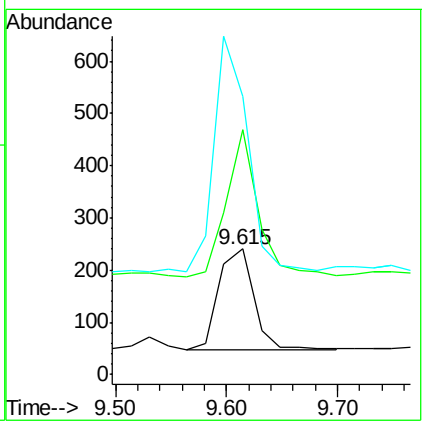


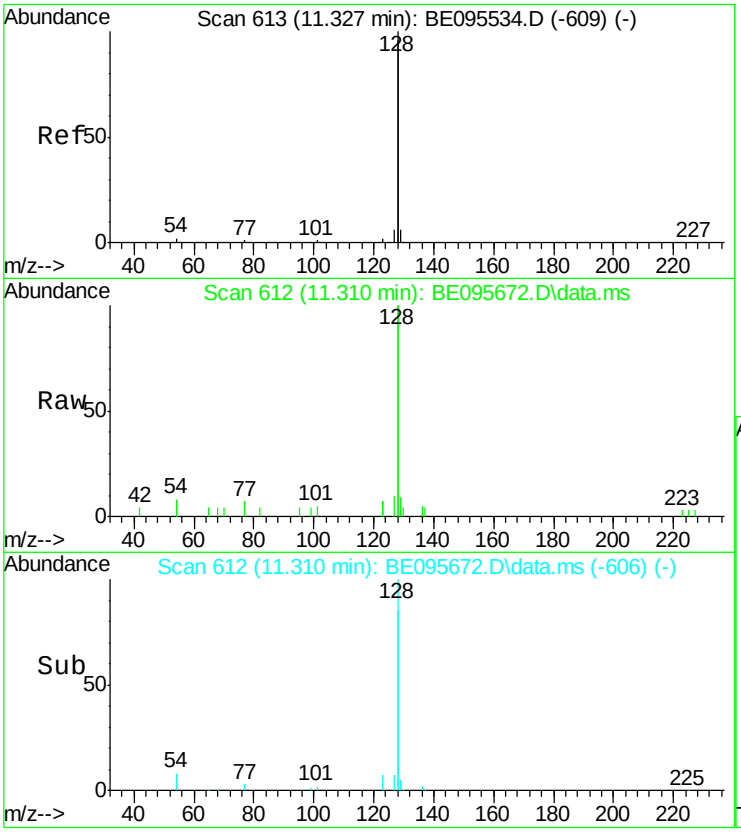


#8
Nitrobenzene-d5
Concen: 0.09 ng
RT: 9.615 min Scan# 511
Delta R.T. 0.001 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion: 82 Resp: 426

Ion	Ratio	Lower	Upper
82	100		
128	195.8	150.0	225.0
54	222.5	154.2	231.4



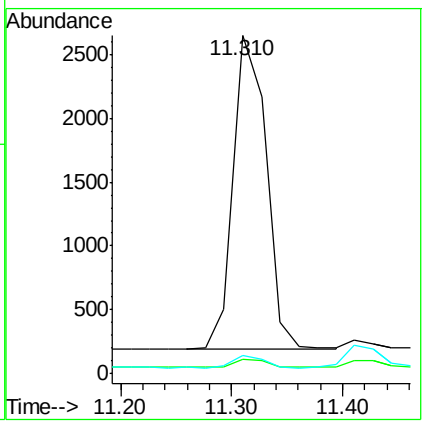


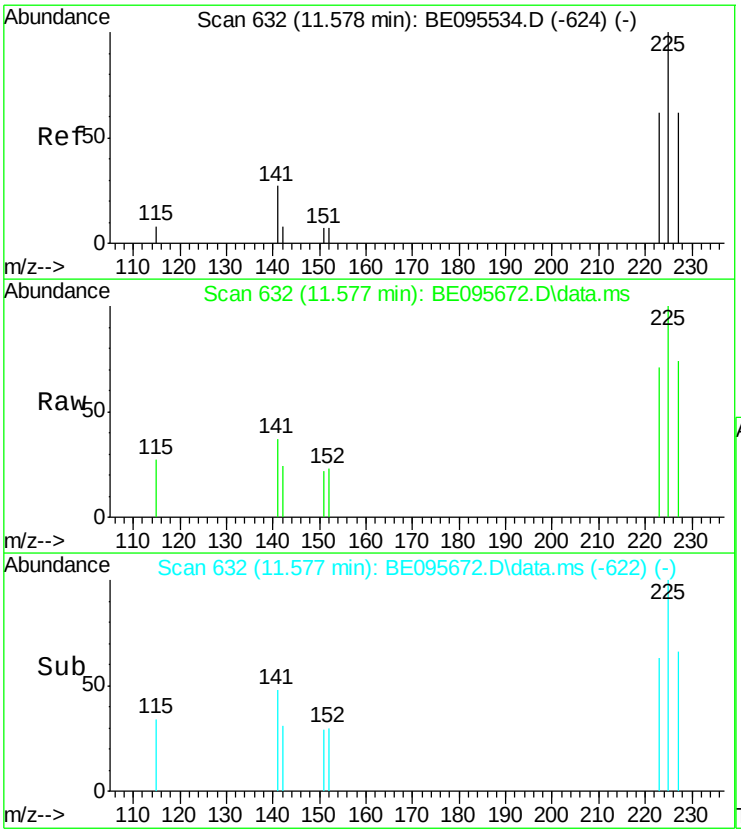
#9
Naphthalene
Concen: 0.10 ng
RT: 11.310 min Scan# 61
Delta R.T. 0.001 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 5032

Ion	Ratio	Lower	Upper
128	100		
129	4.3	2.6	3.8#
127	5.2	2.8	4.2#

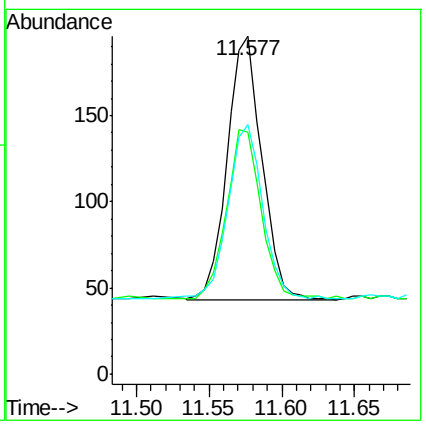


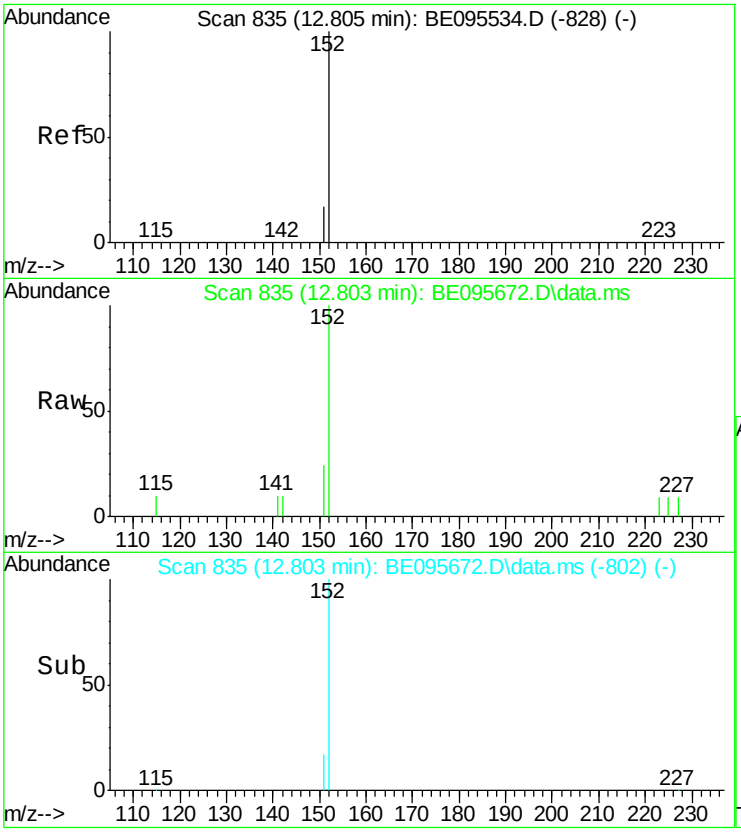


#10
Hexachlorobutadiene
Concen: 0.09 ng
RT: 11.577 min Scan# 632
Delta R.T. 0.005 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:225 Resp: 256

Ion	Ratio	Lower	Upper
225	100		
223	63.3	53.0	79.6
227	75.4	51.4	77.2



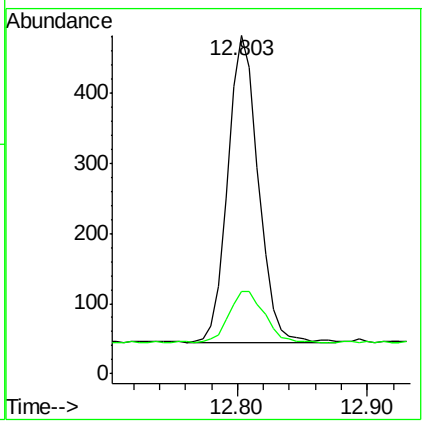


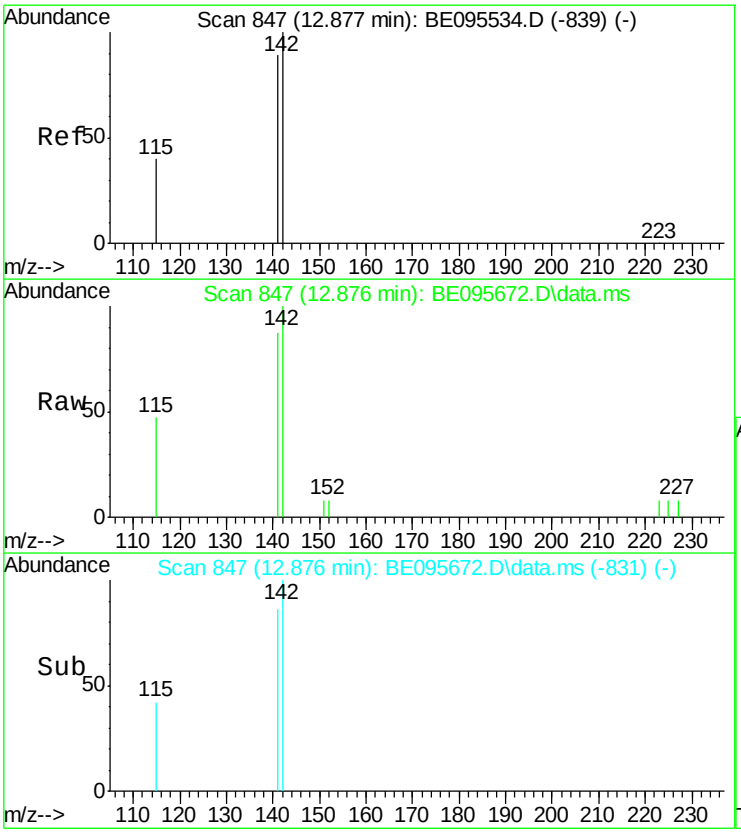
#11
2-Methylnaphthalene-d10
Concen: 0.10 ng
RT: 12.803 min Scan# 83
Delta R.T. -0.001 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 715

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.4	23.0

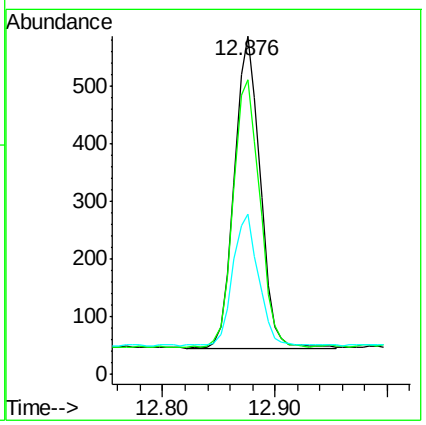


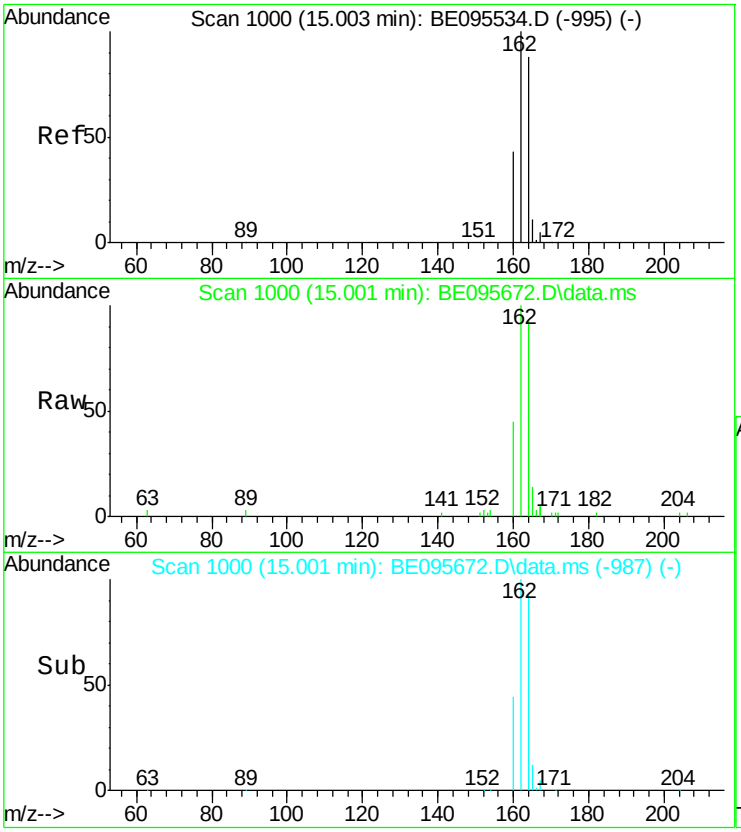


#12
2-Methylnaphthalene
Concen: 0.10 ng
RT: 12.876 min Scan# 847
Delta R.T. -0.001 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:142 Resp: 861

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.4	105.6
115	47.4	31.7	47.5



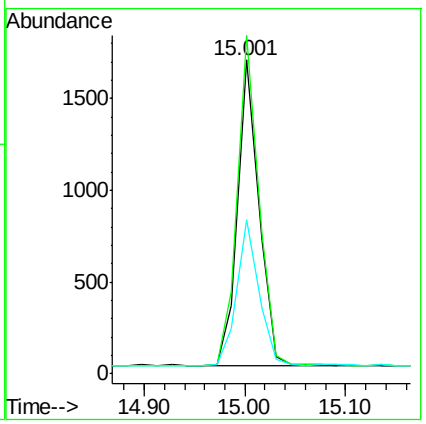


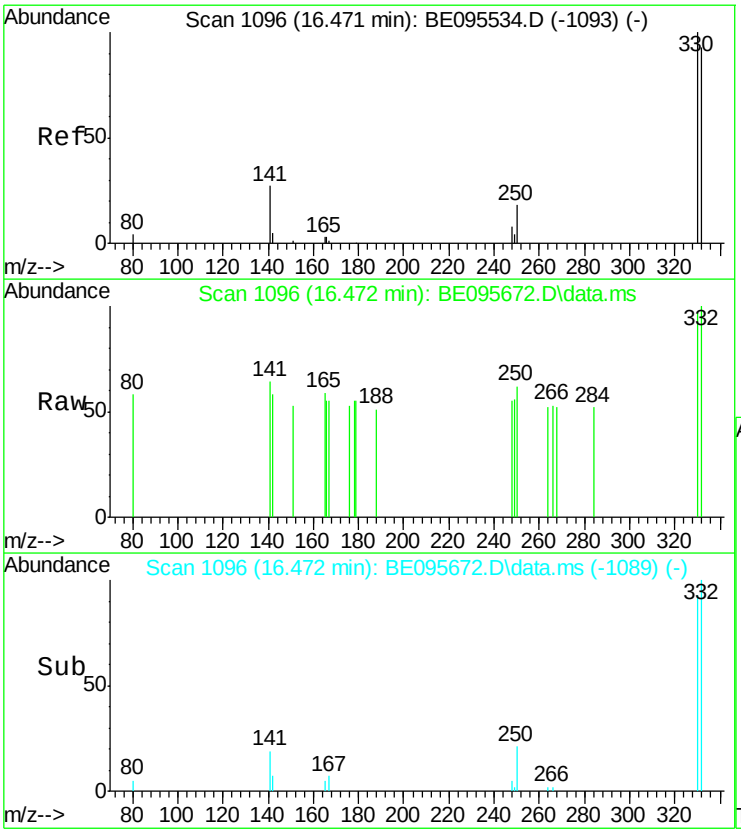
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 15.001 min Scan# 10
Delta R.T. -0.001 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2436

Ion	Ratio	Lower	Upper
164	100		
162	107.8	83.1	124.7
160	49.1	37.1	55.7

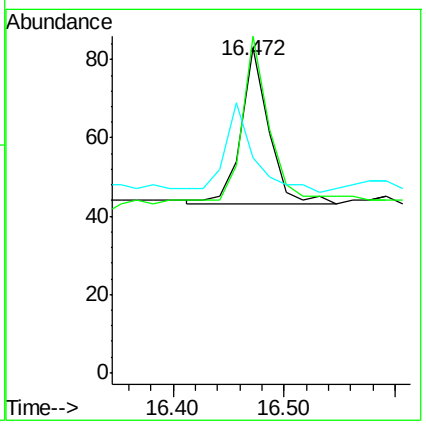


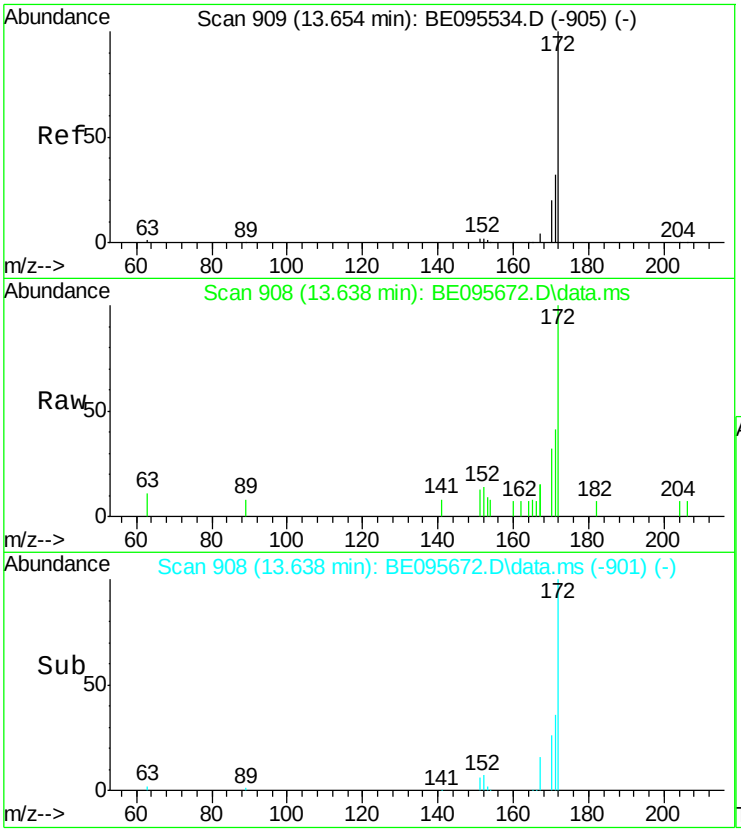


#14
2,4,6-Tribromophenol
Concen: 0.06 ng
RT: 16.472 min Scan# 1096
Delta R.T. -0.001 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:330 Resp: 70

Ion	Ratio	Lower	Upper
330	100		
332	98.6	152.7	229.1#
141	60.0	33.7	50.5#



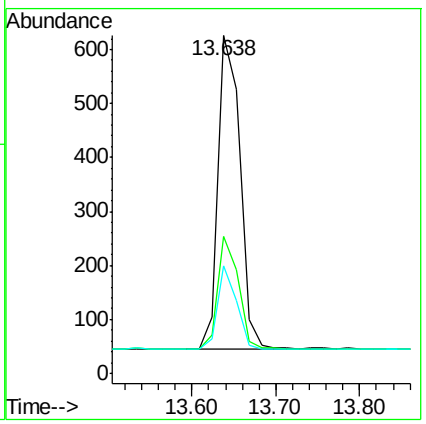


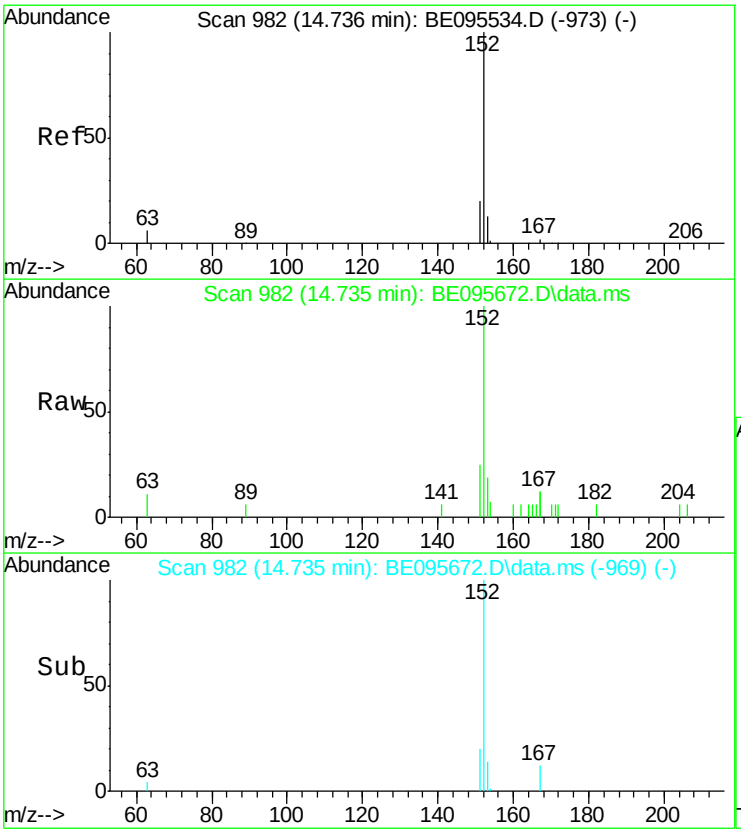
#15
2-Fluorobiphenyl
Concen: 0.10 ng
RT: 13.638 min Scan# 90
Delta R.T. -0.001 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 1060

Ion	Ratio	Lower	Upper
172	100		
171	40.6	29.9	44.9
170	31.8	21.8	32.8

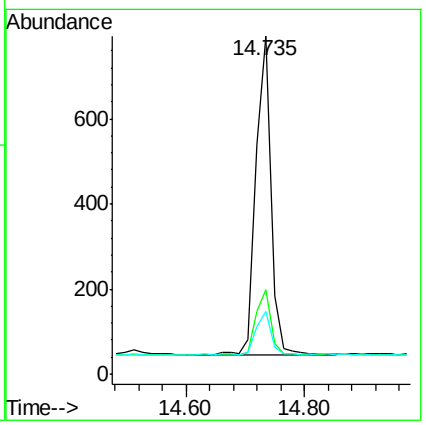


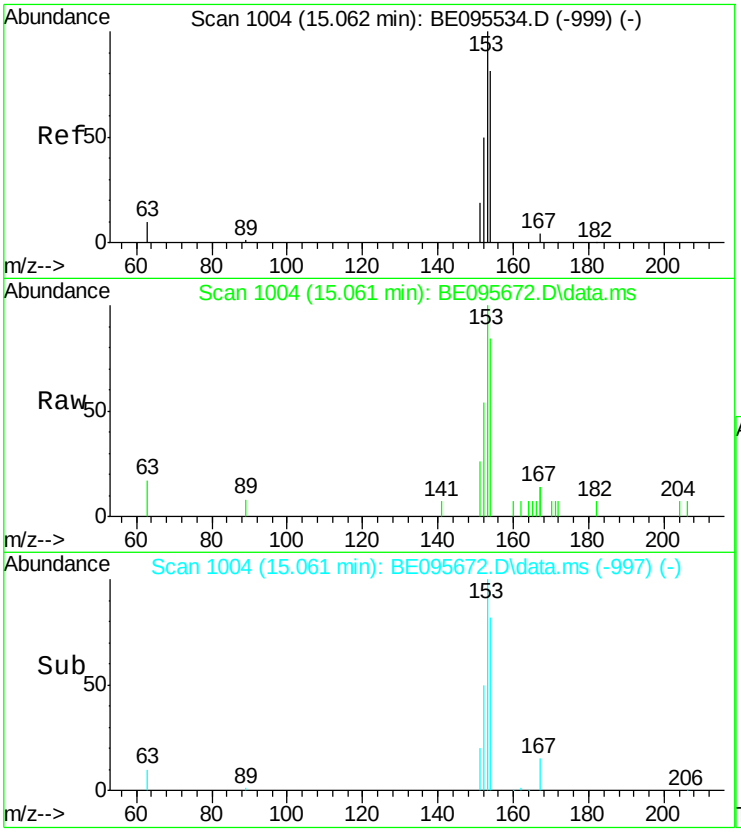


#16
Acenaphthylene
Concen: 0.09 ng
RT: 14.735 min Scan# 982
Delta R.T. -0.001 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:152 Resp: 1315

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	14.1	10.5	15.7



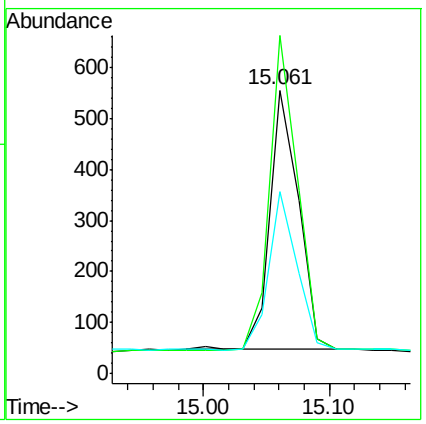


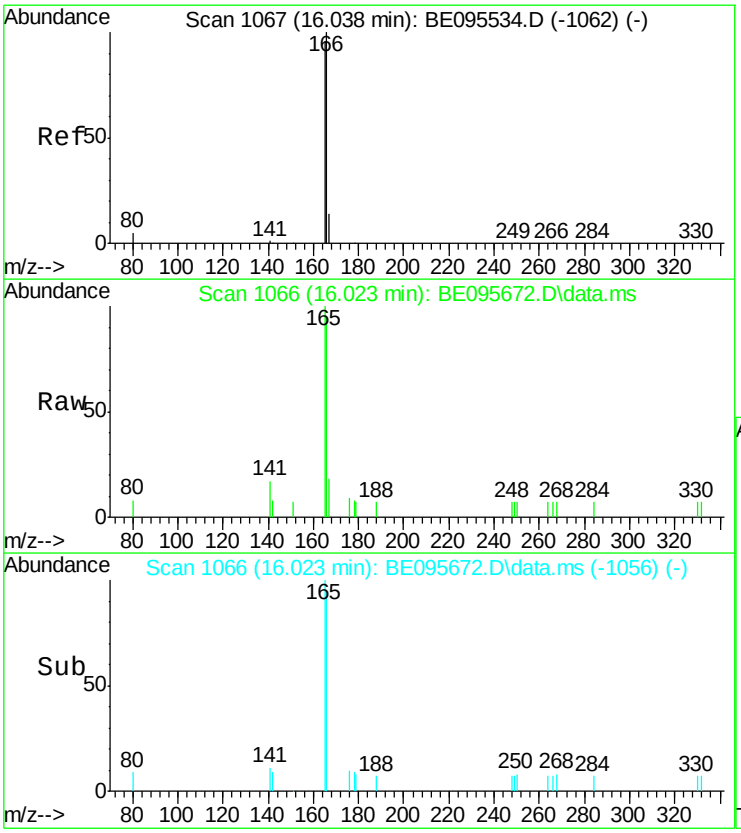
#17
Acenaphthene
Concen: 0.09 ng
RT: 15.061 min Scan# 10
Delta R.T. -0.001 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 807

Ion	Ratio	Lower	Upper
154	100		
153	118.6	89.2	133.8
152	60.3	42.0	63.0

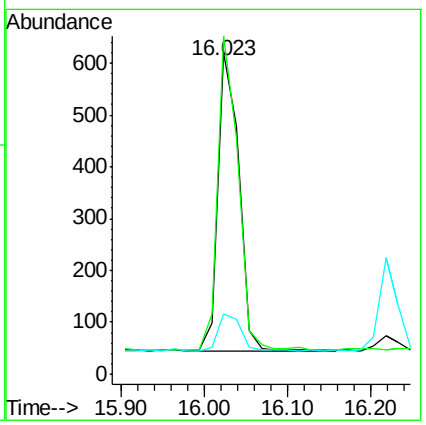


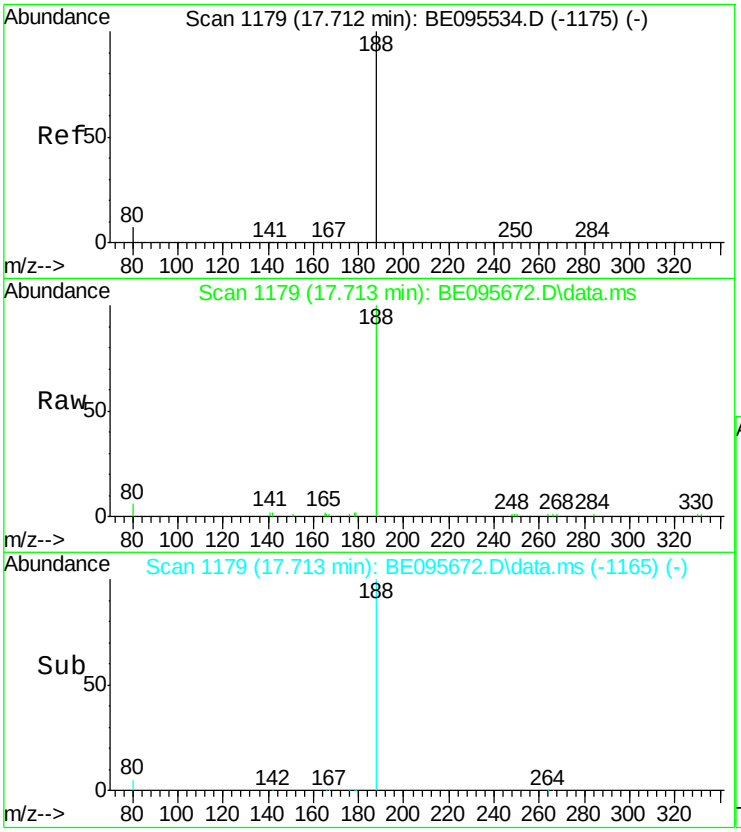


#18
Fluorene
Concen: 0.09 ng
RT: 16.023 min Scan# 1066
Delta R.T. -0.001 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:166 Resp: 1018

Ion	Ratio	Lower	Upper
166	100		
165	100.8	77.8	116.6
167	14.0	42.4	63.6#



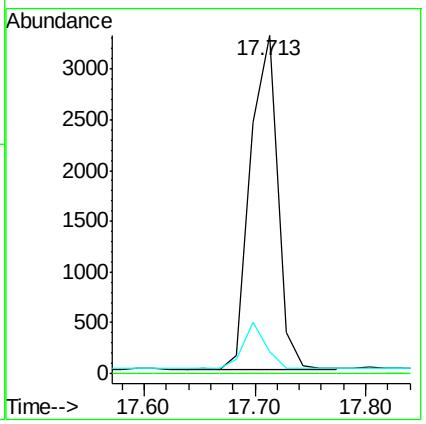


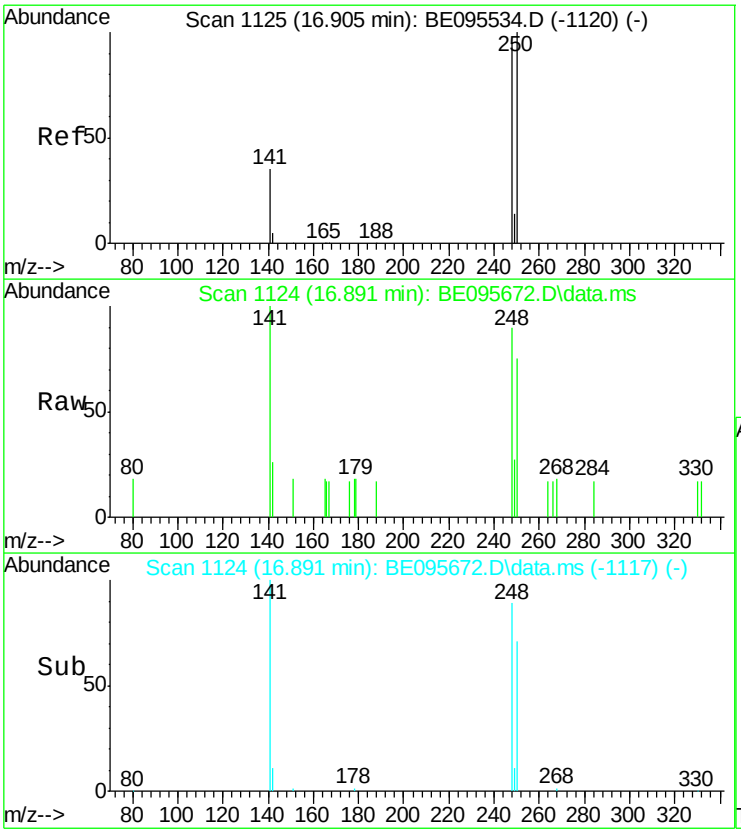
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.713 min Scan# 11
Delta R.T. 0.014 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5613

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	6.4	3.6	5.4#

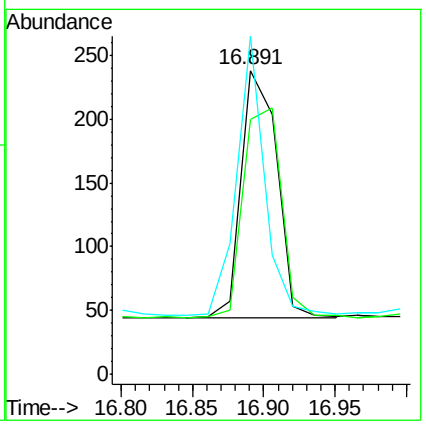


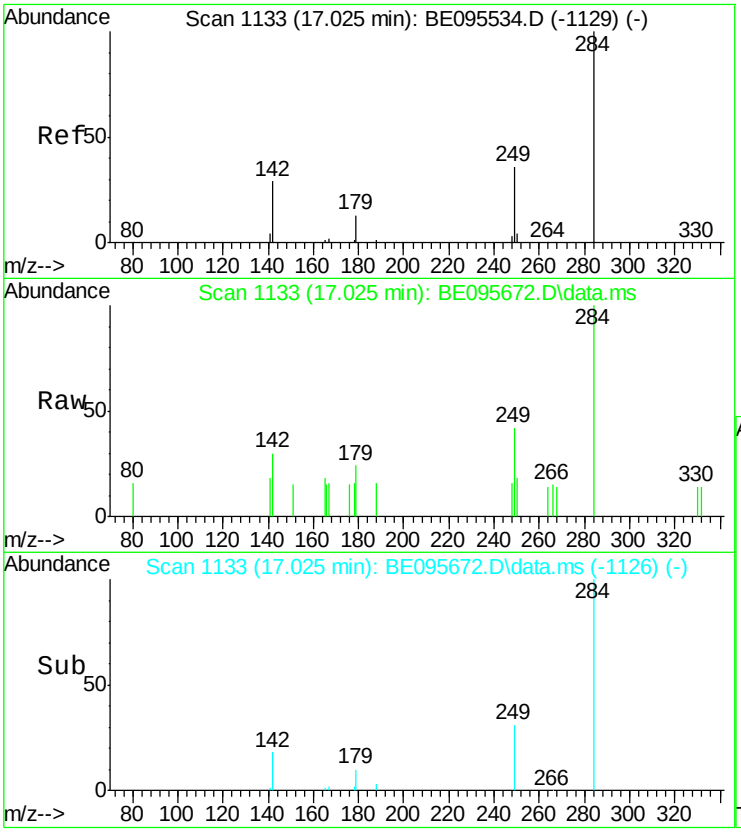


#20
4-Bromophenyl-phenylether
Concen: 0.10 ng
RT: 16.891 min Scan# 1124
Delta R.T. -0.001 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:248 Resp: 341

Ion	Ratio	Lower	Upper
248	100		
250	84.0	62.7	94.1
141	111.3	48.2	72.2#



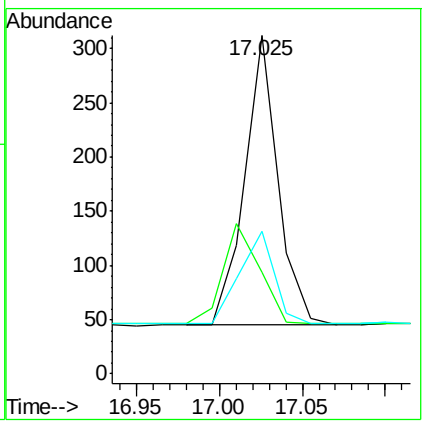


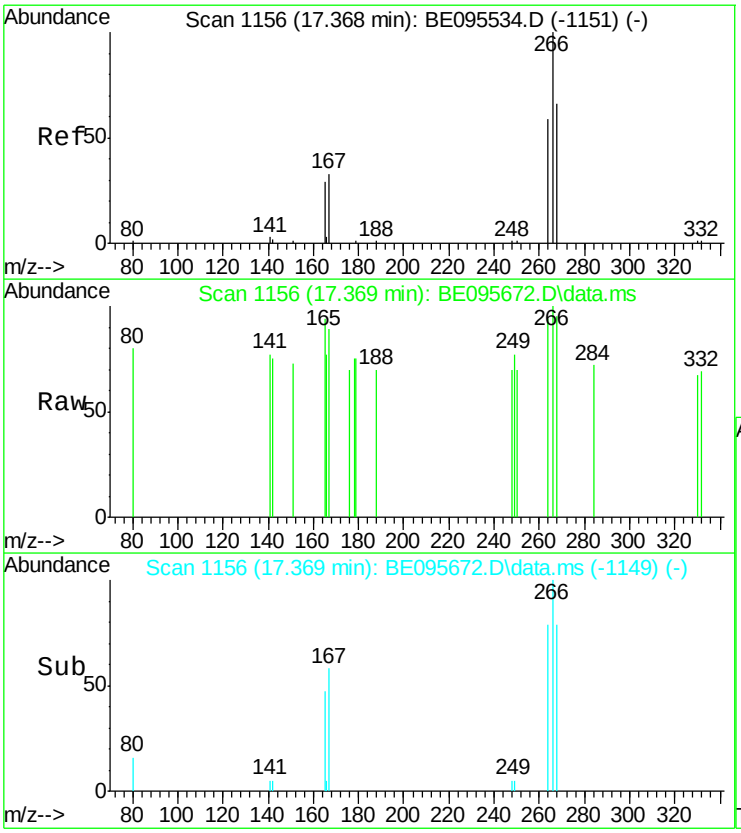
#21
Hexachlorobenzene
Concen: 0.11 ng
RT: 17.025 min Scan# 11
Delta R.T. -0.001 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 370

Ion	Ratio	Lower	Upper
284	100		
142	38.9	22.1	33.1#
249	33.8	34.8	52.2#

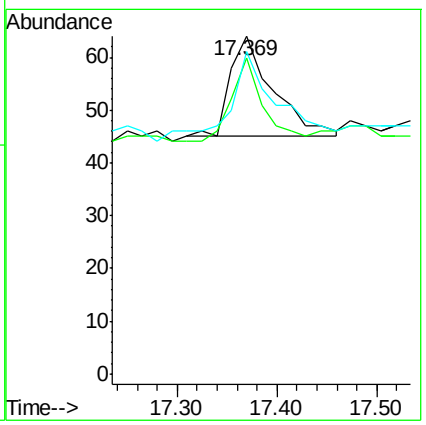


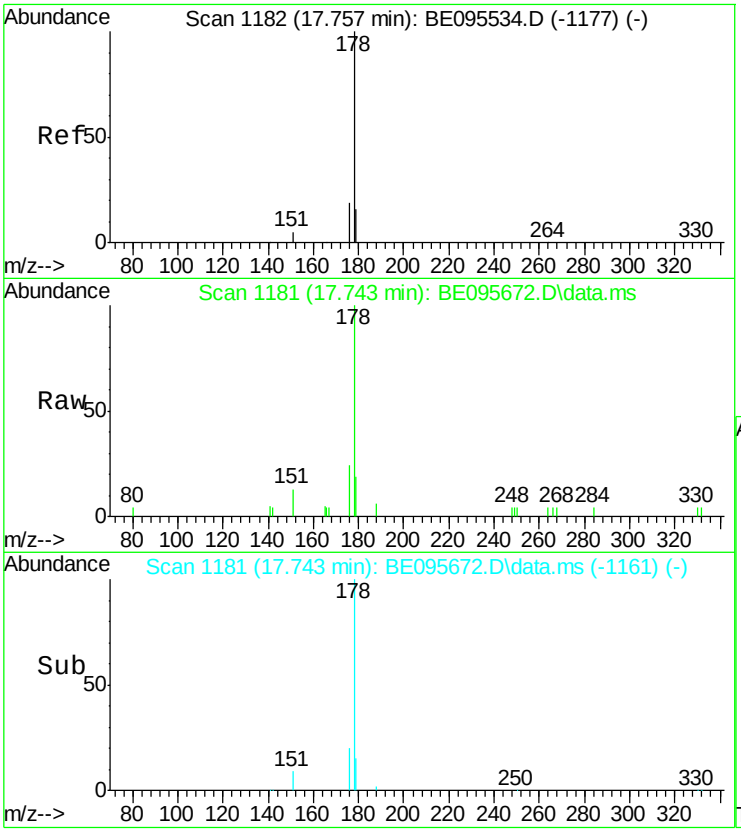


#22
Pentachlorophenol
Concen: 0.06 ng
RT: 17.369 min Scan# 1156
Delta R.T. -0.001 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:266 Resp: 57

Ion	Ratio	Lower	Upper
266	100		
264	93.8	72.5	108.7
268	95.3	73.8	110.6



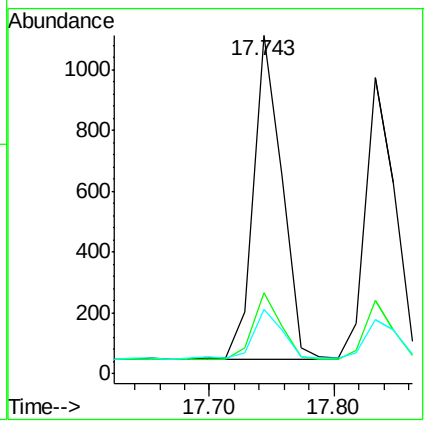


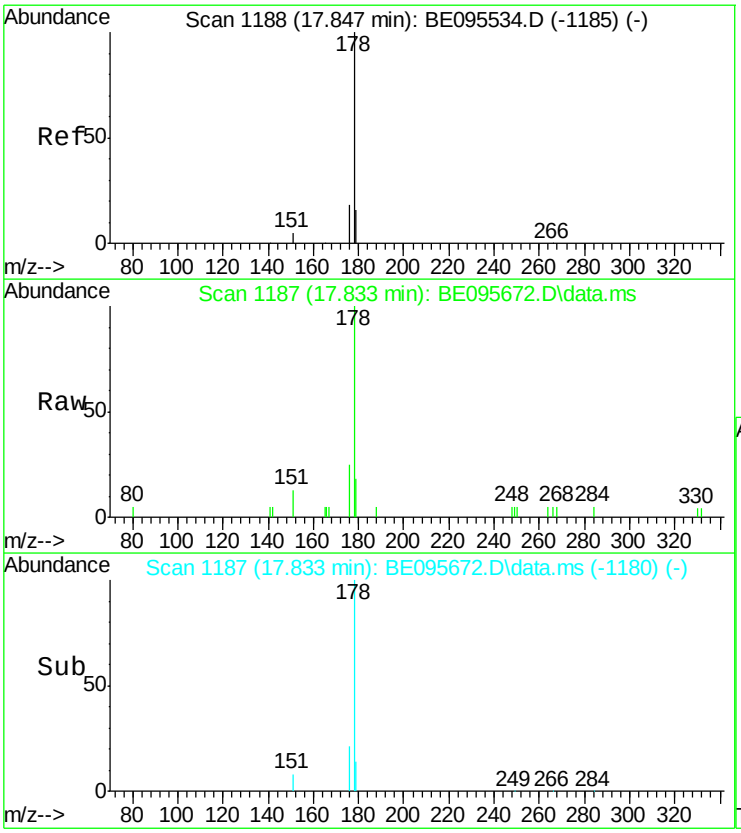
#23
Phenanthrene
Concen: 0.10 ng
RT: 17.743 min Scan# 11
Delta R.T. -0.001 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 1679

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	15.2	11.8	17.6

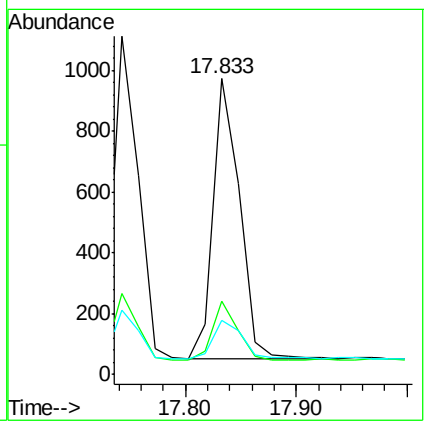


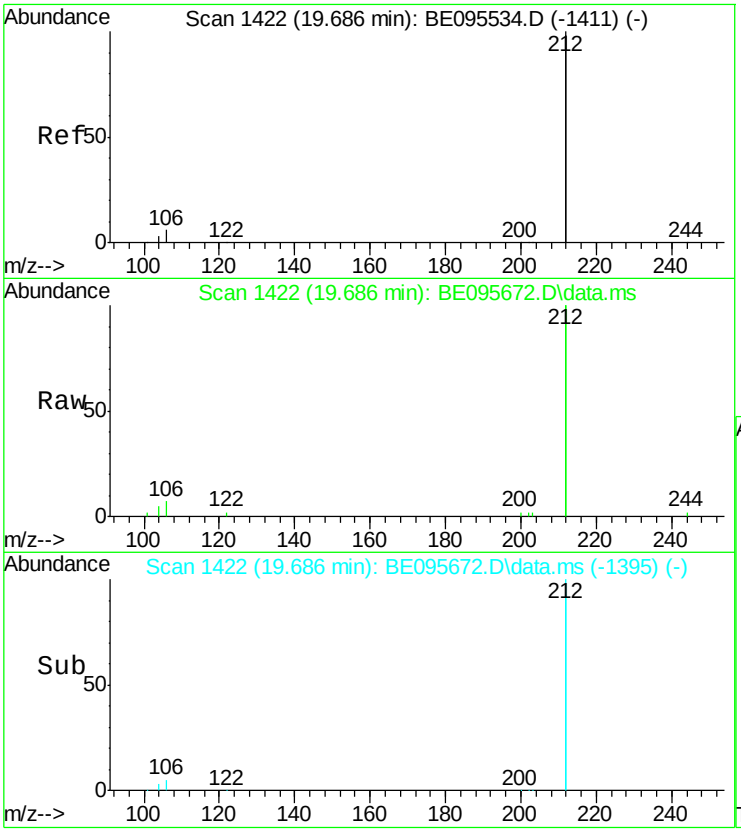


#24
Anthracene
Concen: 0.09 ng
RT: 17.833 min Scan# 1187
Delta R.T. -0.001 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:178 Resp: 1522

Ion	Ratio	Lower	Upper
178	100		
176	20.0	12.8	19.2#
179	16.0	13.0	19.6



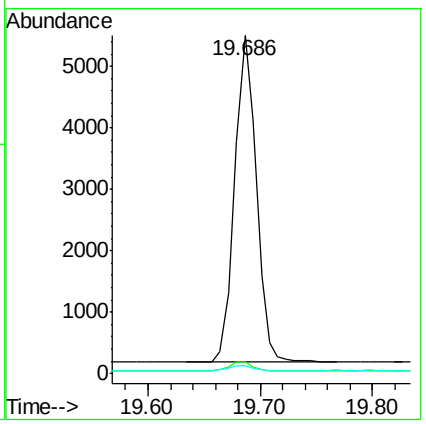


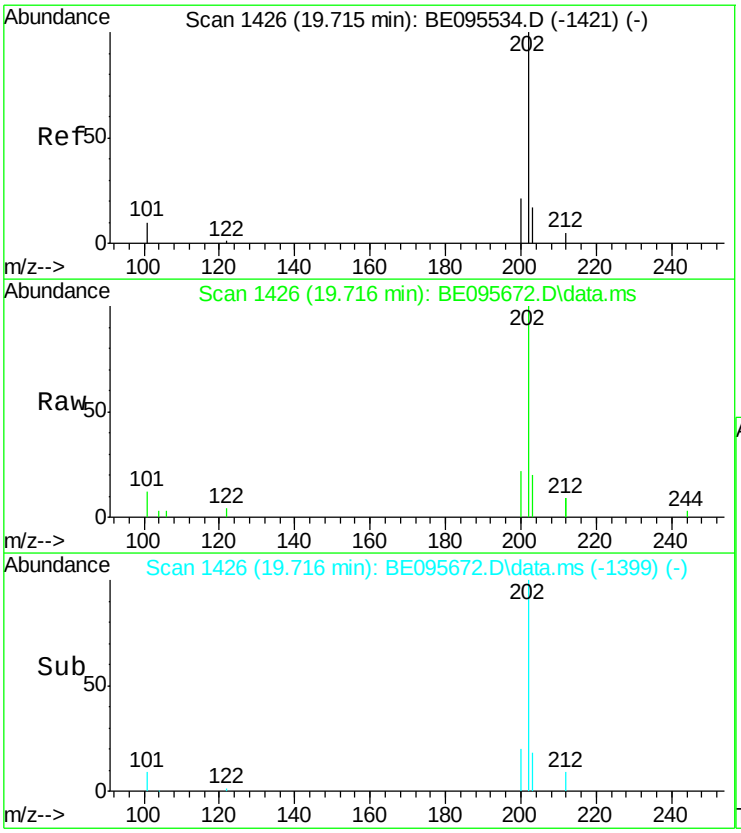
#25
Fluoranthene-d10
Concen: 0.10 ng
RT: 19.686 min Scan# 14
Delta R.T. 0.001 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 7211

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.6	1.6	2.4#

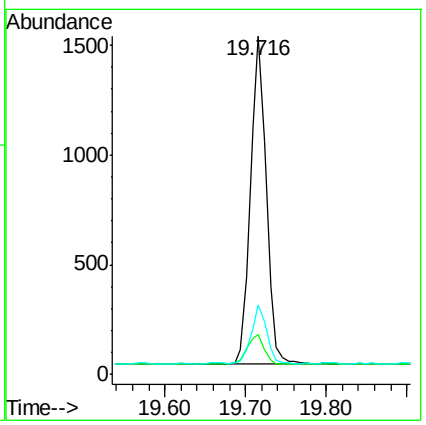


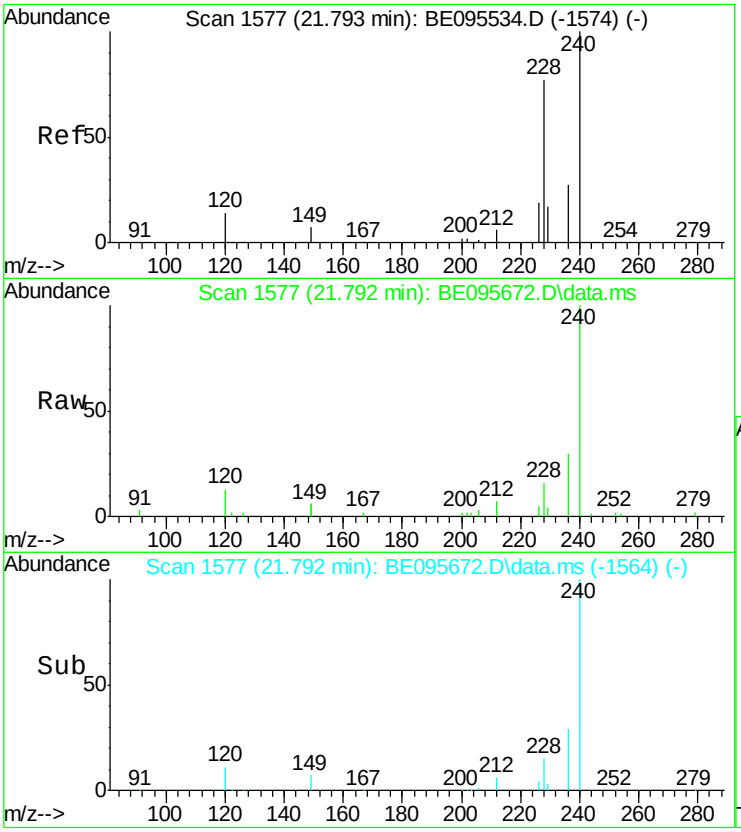


#26
Fluoranthene
Concen: 0.09 ng
RT: 19.716 min Scan# 1426
Delta R.T. 0.001 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:202 Resp: 2035

Ion	Ratio	Lower	Upper
202	100		
101	10.0	9.8	14.8
203	17.1	13.7	20.5



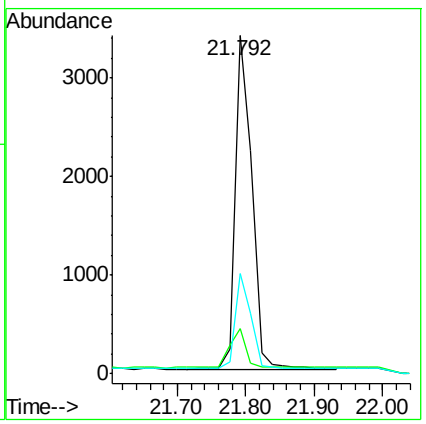


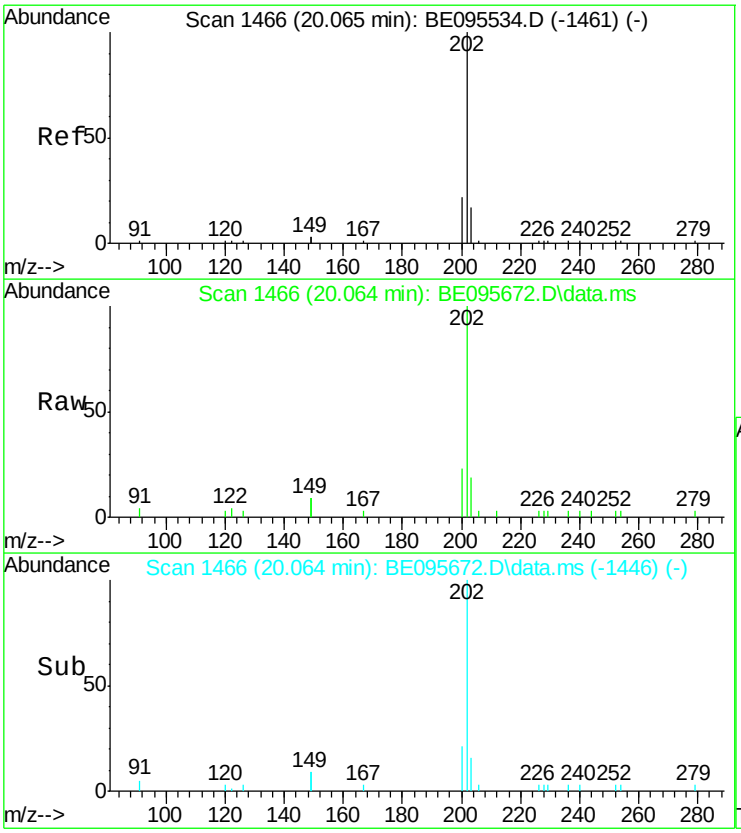
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.792 min Scan# 15
Delta R.T. -0.001 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 5712

Ion	Ratio	Lower	Upper
240	100		
120	13.1	5.5	8.3#
236	29.7	20.7	31.1

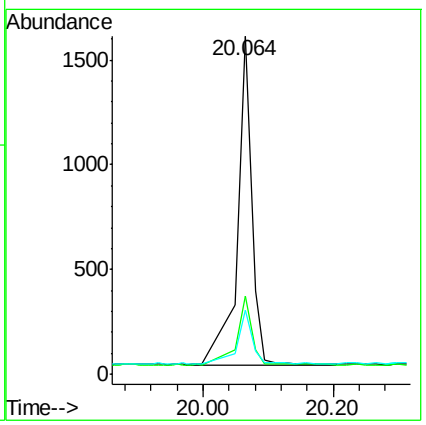


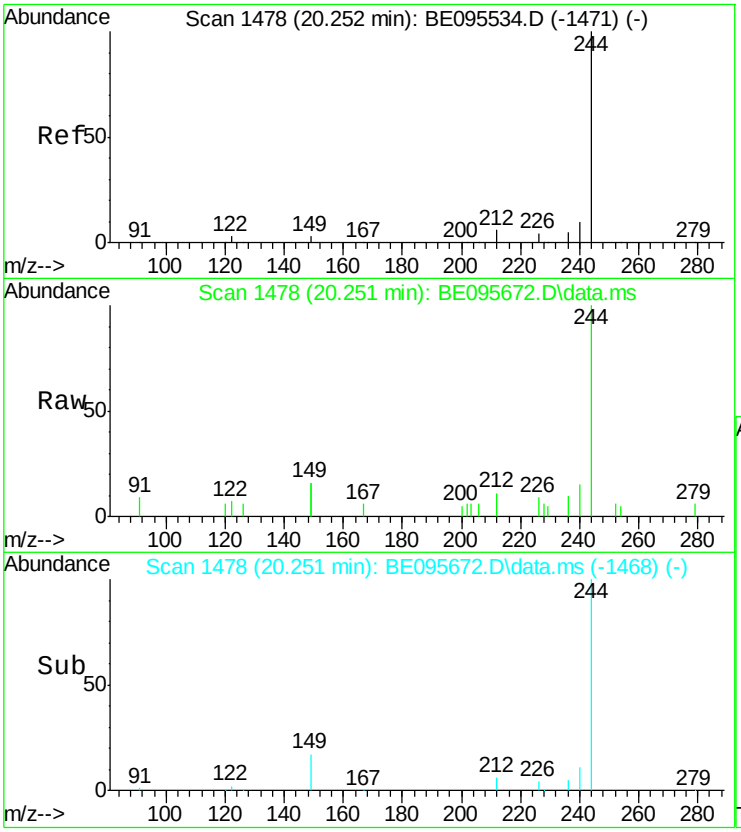


#28
Pyrene
Concen: 0.09 ng
RT: 20.064 min Scan# 1466
Delta R.T. -0.001 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:202 Resp: 2222

Ion	Ratio	Lower	Upper
202	100		
200	23.1	16.6	25.0
203	19.4	13.8	20.8



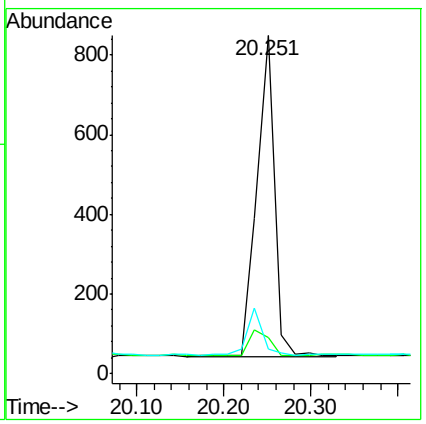


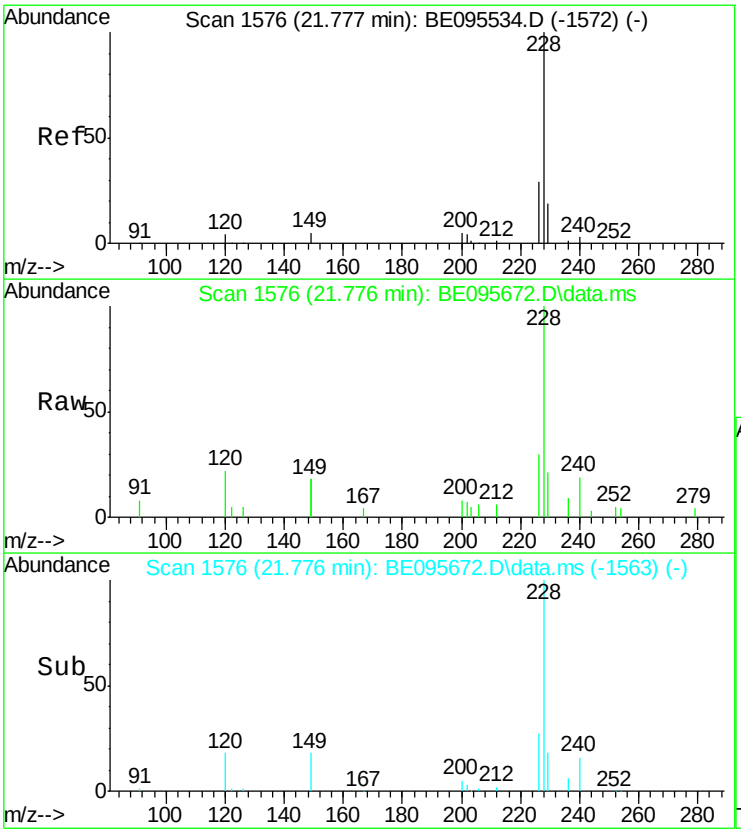
#29
Terphenyl-d14
Concen: 0.09 ng
RT: 20.251 min Scan# 14
Delta R.T. -0.001 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 1150

Ion	Ratio	Lower	Upper
244	100		
212	10.8	25.4	38.0#
122	7.4	8.1	12.1#

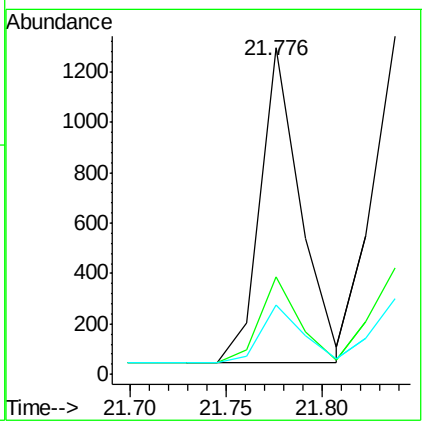


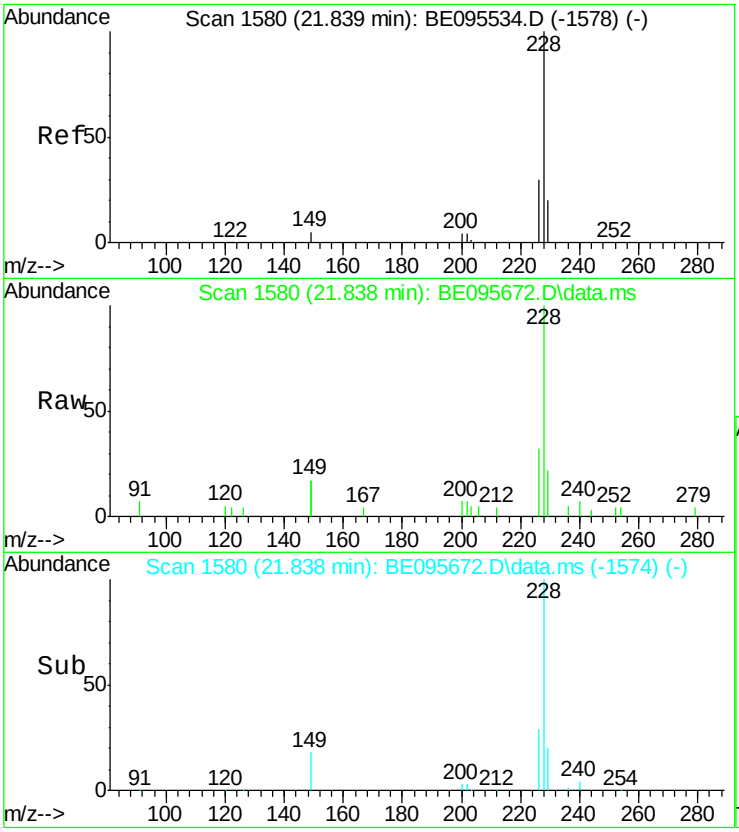


#30
Benzo(a)anthracene
Concen: 0.10 ng
RT: 21.776 min Scan# 1576
Delta R.T. -0.001 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:228 Resp: 1834

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	21.3	16.0	24.0



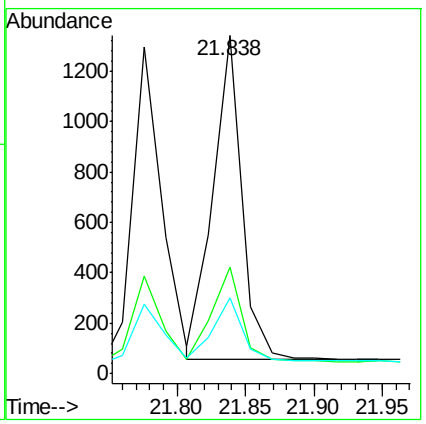


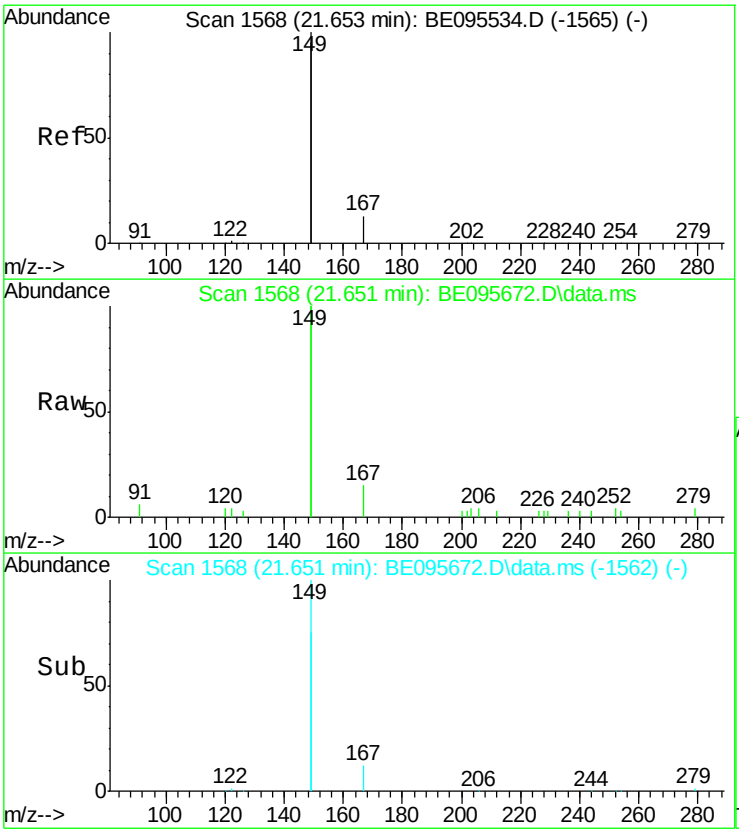
#31
Chrysene
Concen: 0.10 ng
RT: 21.838 min Scan# 15
Delta R.T. -0.001 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 1896

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.0	36.0
229	22.4	16.0	24.0

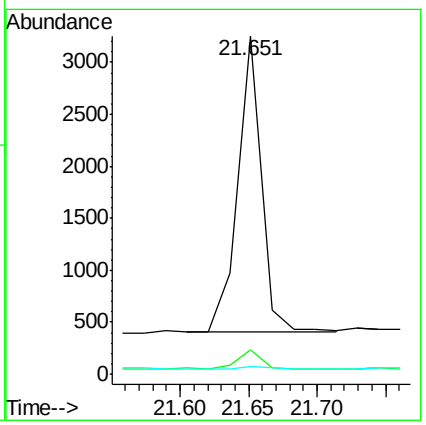


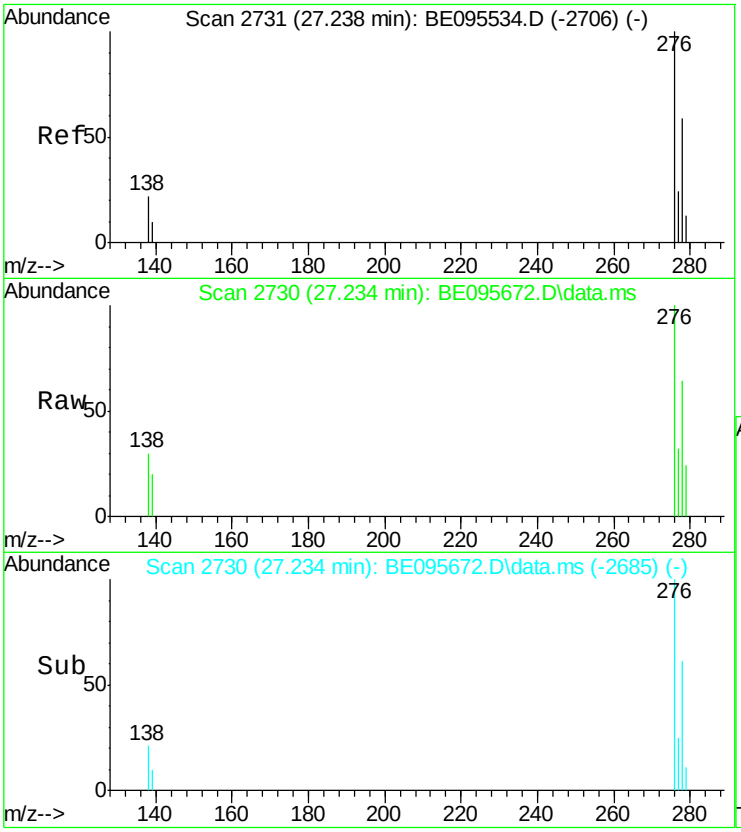


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.08 ng
RT: 21.651 min Scan# 1568
Delta R.T. -0.001 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:149 Resp: 3462

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.0	0.7	1.1



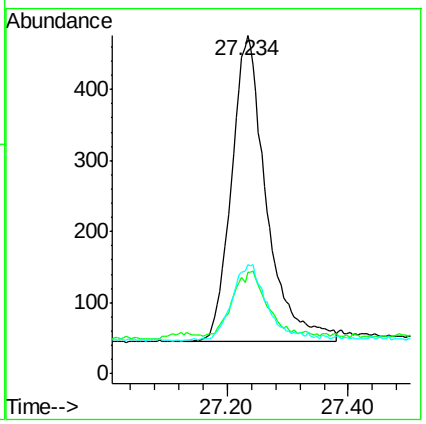


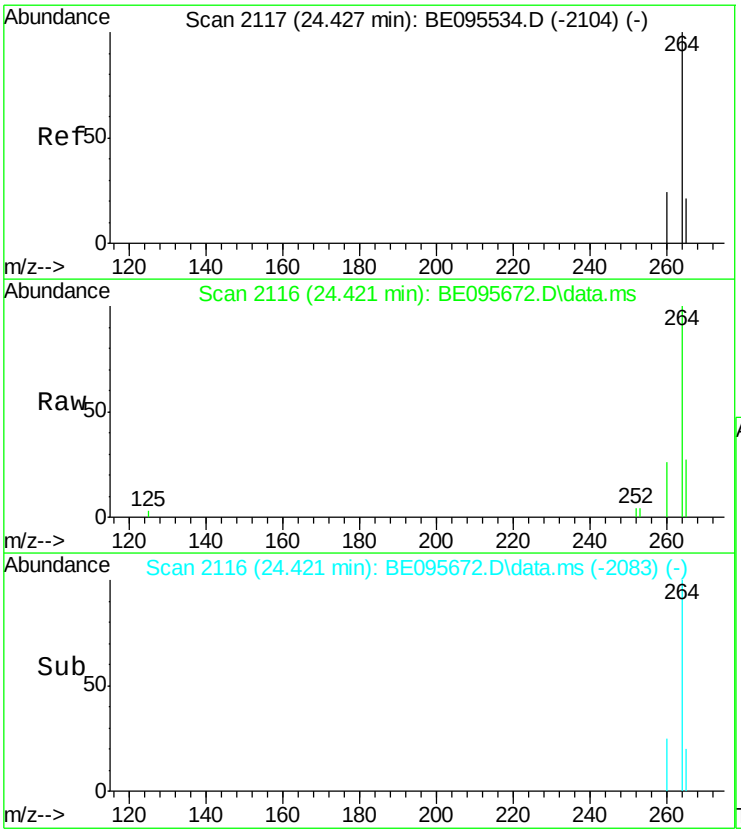
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.09 ng
RT: 27.234 min Scan# 27
Delta R.T. 0.005 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 1718

Ion	Ratio	Lower	Upper
276	100		
138	20.8	22.5	33.7#
277	24.0	19.9	29.9

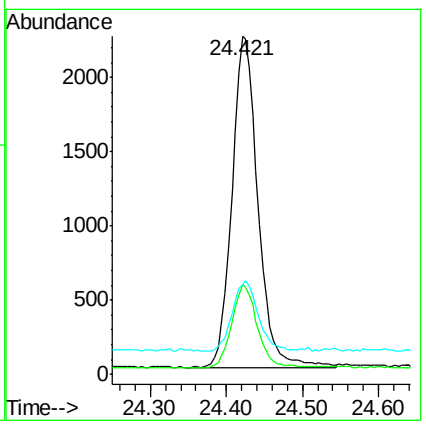


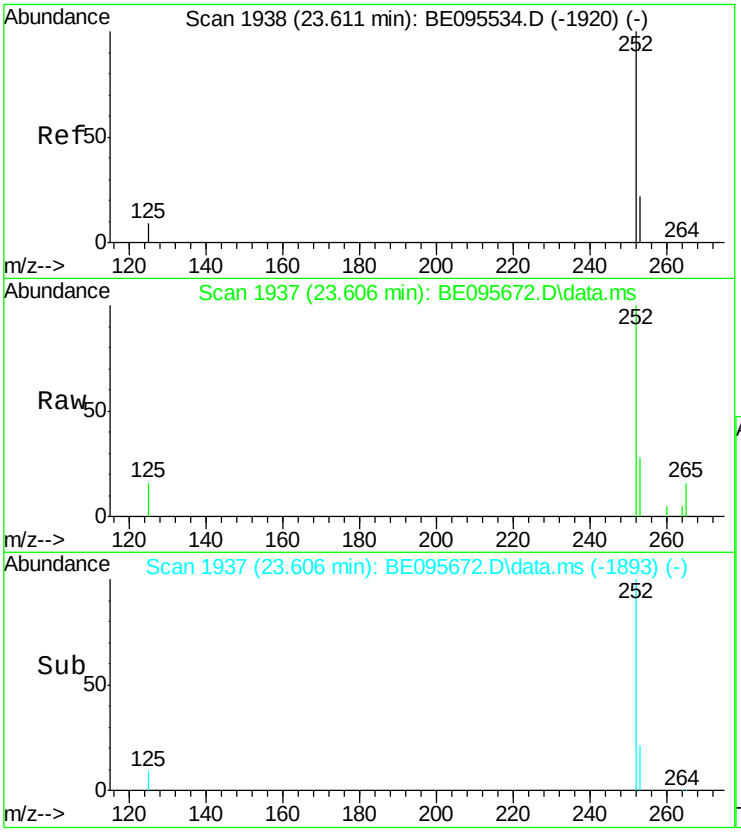


#34
Perylene-d12
Concen: 0.40 ng
RT: 24.421 min Scan# 2116
Delta R.T. -0.001 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:264 Resp: 5302

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.5	30.7
265	26.7	22.8	34.2



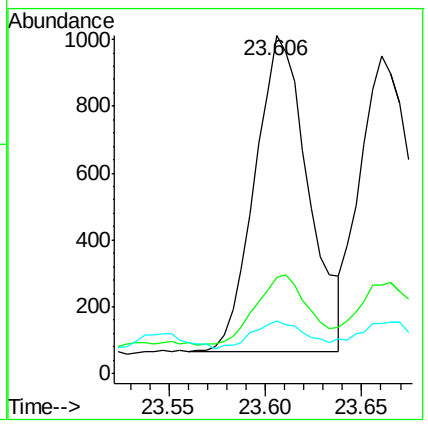


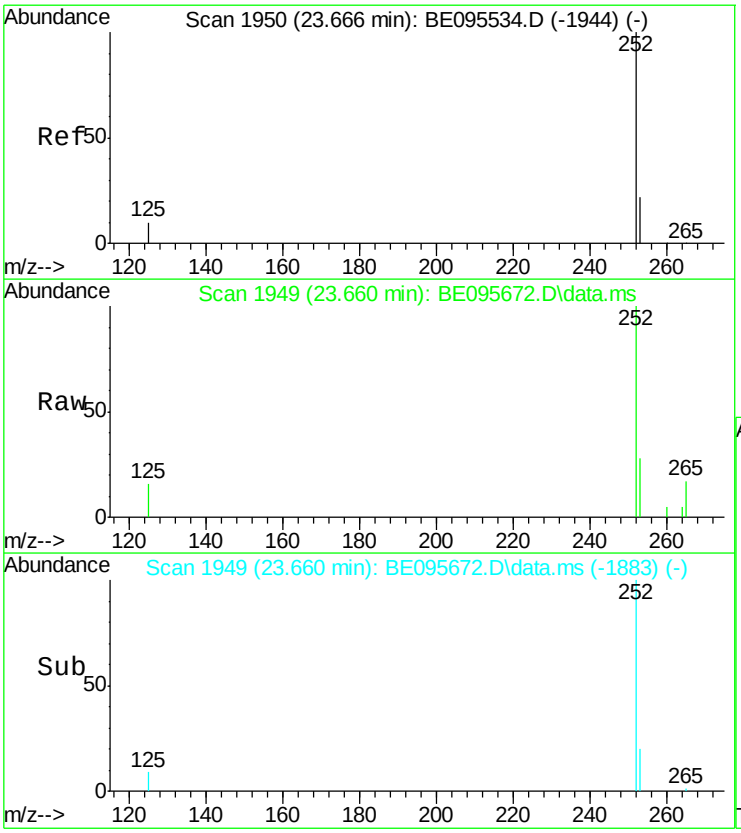
#35
Benzo(b)fluoranthene
Concen: 0.10 ng
RT: 23.606 min Scan# 19
Delta R.T. -0.001 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1819

Ion	Ratio	Lower	Upper
252	100		
253	28.5	20.0	30.0
125	15.5	16.0	24.0#

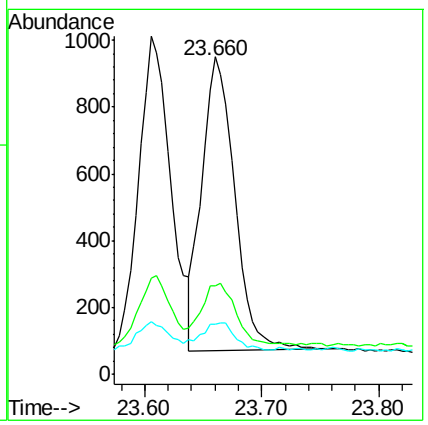


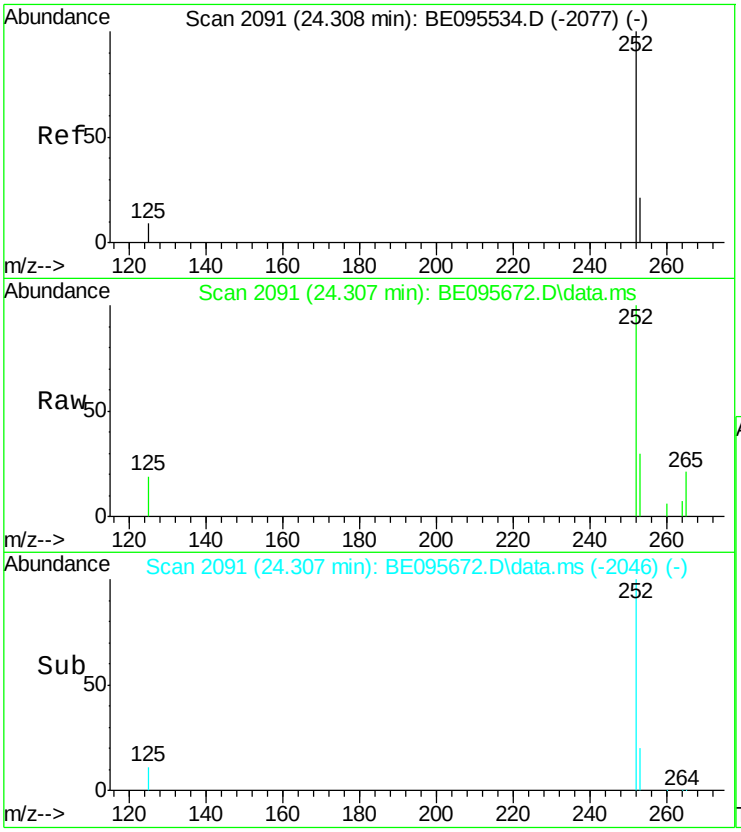


#36
Benzo(k)fluoranthene
Concen: 0.09 ng
RT: 23.660 min Scan# 1949
Delta R.T. -0.001 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:252 Resp: 1713

Ion	Ratio	Lower	Upper
252	100		
253	27.9	16.0	24.0#
125	16.0	8.0	12.0#



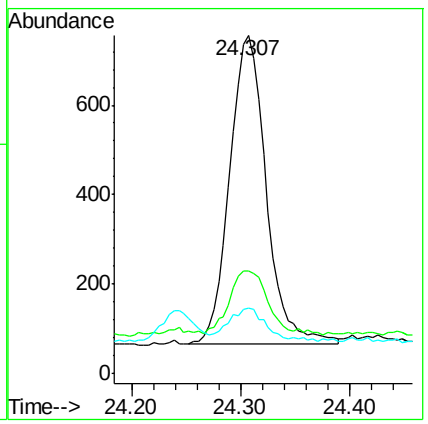


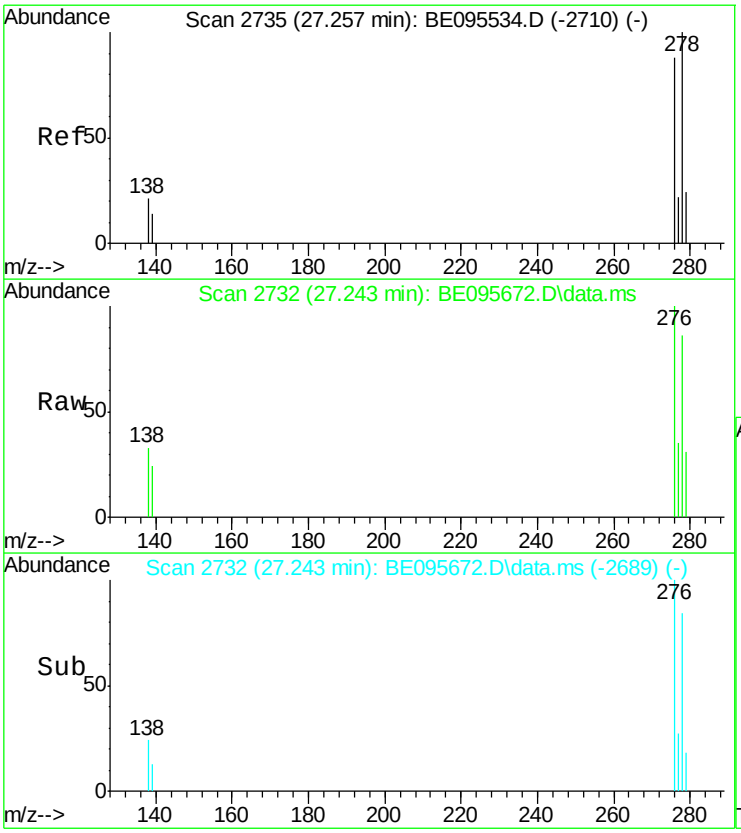
#37
Benzo(a)pyrene
Concen: 0.09 ng
RT: 24.307 min Scan# 20
Delta R.T. 0.004 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1598

Ion	Ratio	Lower	Upper
252	100		
253	30.3	16.0	24.0#
125	19.2	12.0	18.0#

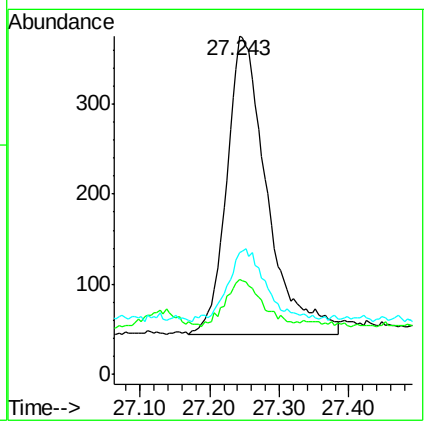


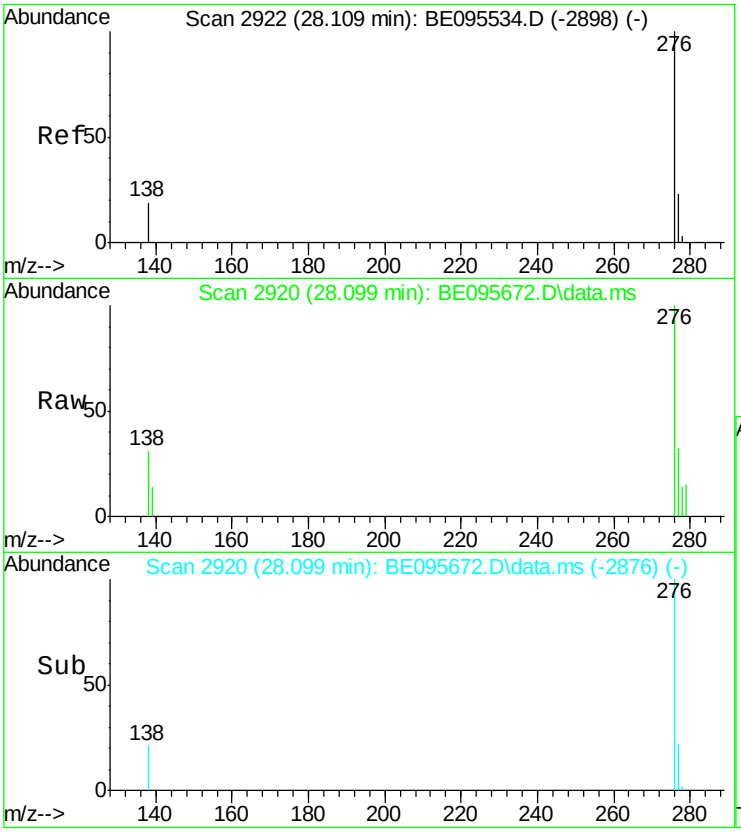


#38
Dibenzo(a,h)anthracene
Concen: 0.09 ng
RT: 27.243 min Scan# 2732
Delta R.T. -0.004 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:278 Resp: 1323

Ion	Ratio	Lower	Upper
278	100		
139	28.0	16.0	24.0#
279	36.0	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.10 ng
RT: 28.099 min Scan# 29
Delta R.T. 0.000 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 1530

Ion	Ratio	Lower	Upper
276	100		
277	31.9	16.0	24.0#
138	31.4	20.0	30.0#