Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE032318\
Data File : BE095816.D
Acq On : 23 Mar 2018 9:22
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 23 10:57:58 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	973	0.40	ng		0.00
7) Naphthalene-d8	11.26	136	3787	0.40	ng		0.00
13) Acenaphthene-d10	15.00	164	2274	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	5773	0.40	ng		0.00
27) Chrysene-d12	21.80	240	6900	0.40	ng		0.00
34) Perylene-d12	24.43	264	6782	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.92	112	642	0.25	ng		0.00
5) Phenol-d6	7.57	99	873	0.25	ng		0.00
8) Nitrobenzene-d5	9.61	82	912	0.23	ng		0.01
11) 2-Methylnaphthalene-d10	12.80	152	1231	0.19	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	263	0.32	ng		0.00
15) 2-Fluorobiphenyl	13.64	172	1922	0.19	ng		0.00
25) Fluoranthene-d10	19.69	212	17011	0.23	ng		0.00
29) Terphenyl-d14	20.24	244	2899	0.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.64	88	349	0.228	ng	#	88
3) n-Nitrosodimethylamine	3.99	42	429	0.226	ng		84
6) bis(2-Chloroethyl)ether	7.82	93	745	0.204	ng		94
9) Naphthalene	11.31	128	8731	0.200	ng		98
10) Hexachlorobutadiene	11.56	225	598	0.235	ng		95
12) 2-Methylnaphthalene	12.87	142	1463	0.194	ng	#	92
16) Acenaphthylene	14.73	152	2471	0.193	ng		98
17) Acenaphthene	15.06	154	1531	0.191	ng		93
18) Fluorene	16.03	166	2010	0.202	ng	#	79
20) 4-Bromophenyl-phenylether	16.89	248	676	0.187	ng	#	70
21) Hexachlorobenzene	17.03	284	693	0.185	ng	#	87
22) Pentachlorophenol	17.37	266	163	0.188	ng	#	77
23) Phenanthrene	17.75	178	3408	0.189	ng		98
24) Anthracene	17.84	178	3431	0.207	ng		95
26) Fluoranthene	19.72	202	4778	0.215	ng		97
28) Pyrene	20.07	202	5853	0.207	ng		95
30) Benzo(a)anthracene	21.78	228	4958	0.220	ng		96
31) Chrysene	21.78	228	3931	0.176	ng		96
32) Bis(2-ethylhexyl)phthalate	21.65	149	15232	0.383	ng	#	99
33) Indeno(1,2,3-cd)pyrene	27.25	276	4914	0.227	ng	#	93
35) Benzo(b)fluoranthene	23.62	252	4458	0.185	ng	#	89
36) Benzo(k)fluoranthene	23.67	252	4452	0.185	ng	#	70
37) Benzo(a)pyrene	24.31	252	4171	0.192	ng	#	69
38) Dibenzo(a,h)anthracene	27.27	278	3949	0.204	ng	#	81
39) Benzo(g,h,i)perylene	28.12	276	4050	0.195	ng	#	80

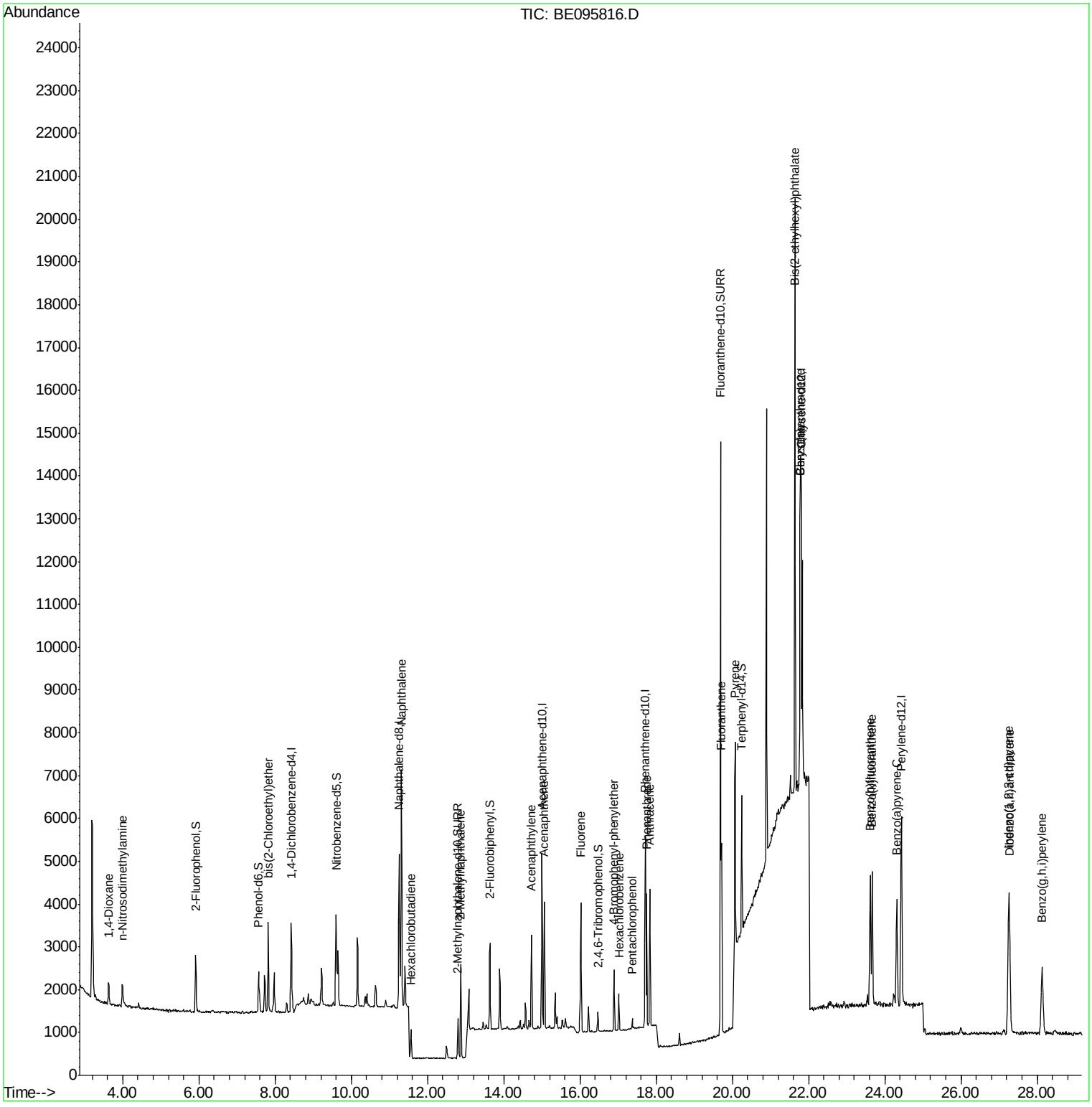
(#) = qualifier out of range (m) = manual integration (+) = signals summed

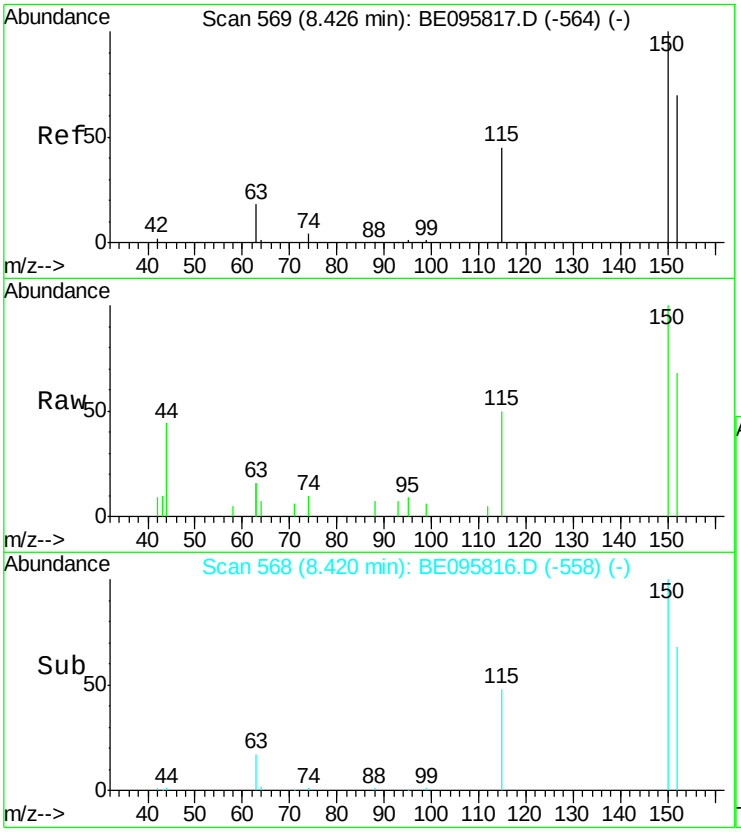
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE032318\
Data File : BE095816.D
Acq On : 23 Mar 2018 9:22
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 23 10:57:58 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



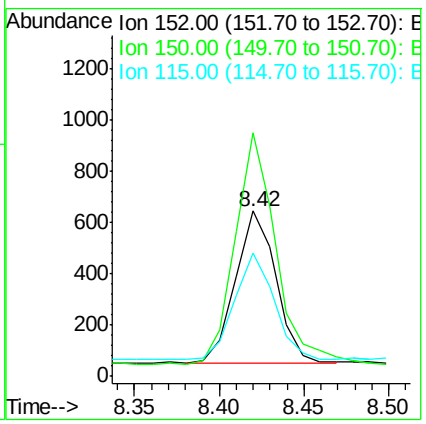


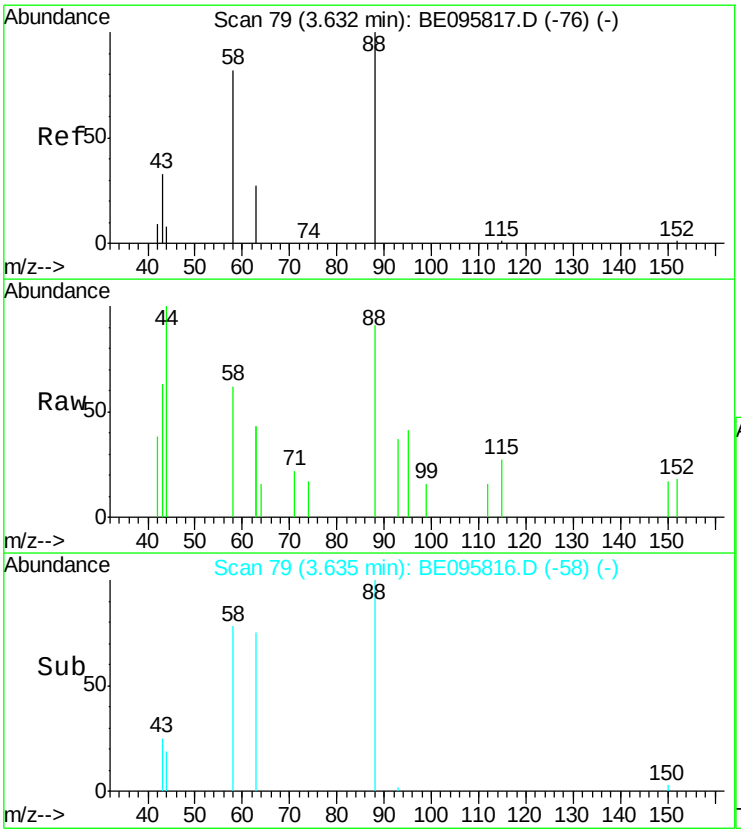
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 973

Ion	Ratio	Lower	Upper
152	100		
150	147.4	117.2	175.8
115	74.4	57.0	85.6

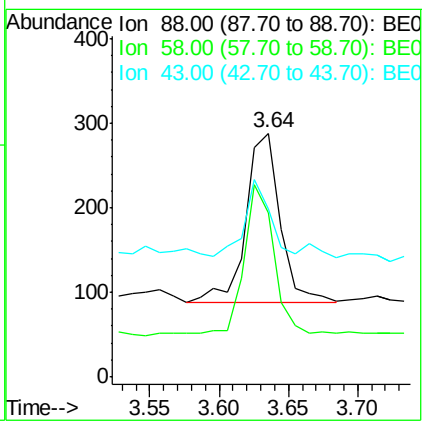


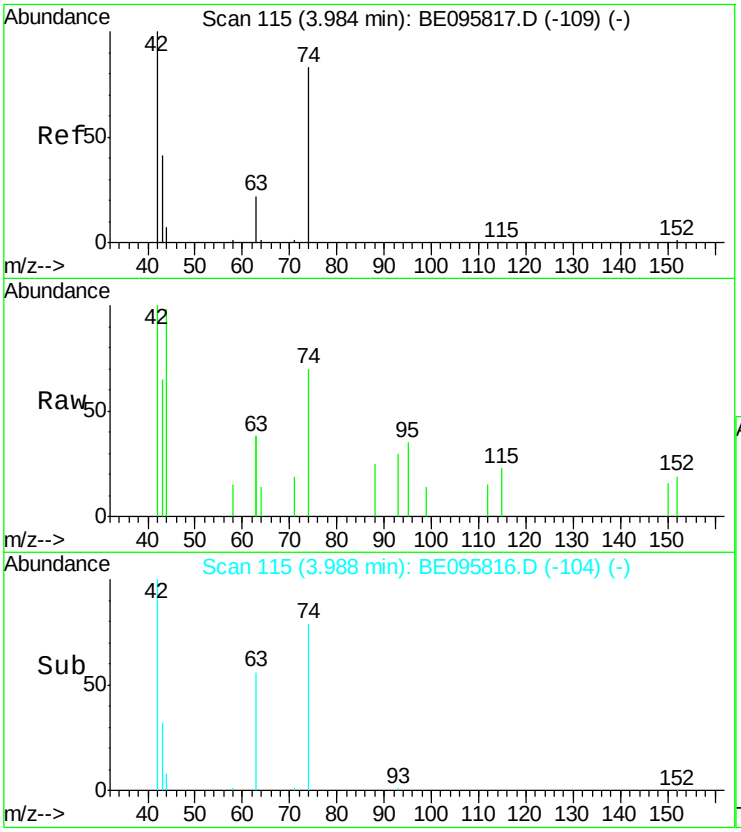


#2
1,4-Dioxane
Concen: 0.228 ng
RT: 3.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Tgt Ion: 88 Resp: 349

Ion	Ratio	Lower	Upper
88	100		
58	80.8	63.2	94.8
43	33.2	41.2	61.8#



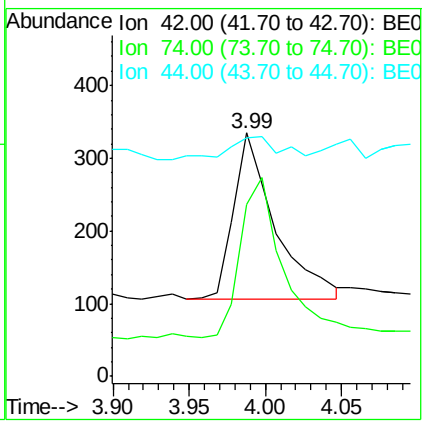


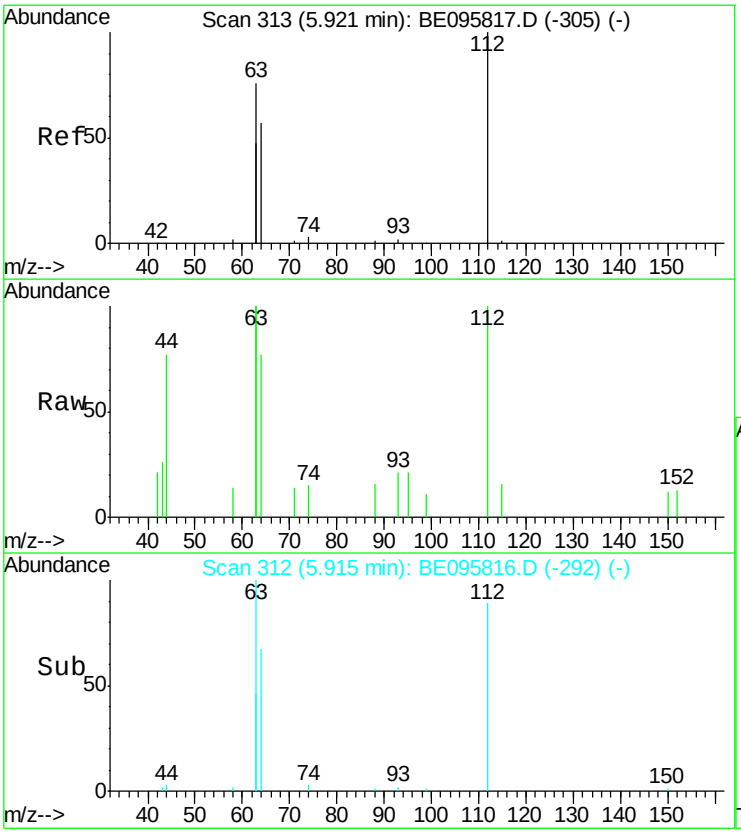
#3
n-Nitrosodimethylamine
Concen: 0.226 ng
RT: 3.99 min Scan# 115
Delta R.T. 0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 429

Ion	Ratio	Lower	Upper
42	100		
74	100.2	96.0	144.0
44	17.5	12.0	18.0

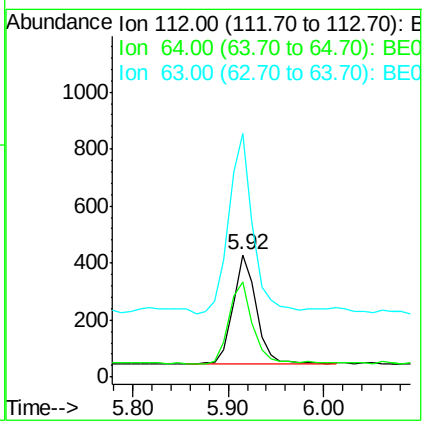


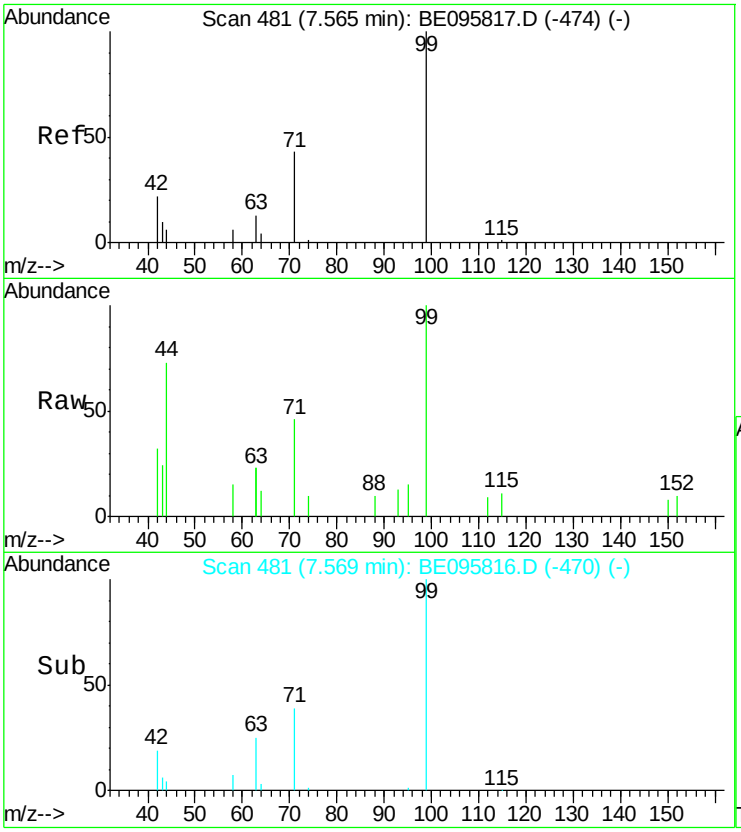


#4
2-Fluorophenol
Concen: 0.250 ng
RT: 5.92 min Scan# 312
Delta R.T. -0.01 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Tgt Ion:112 Resp: 642

Ion	Ratio	Lower	Upper
112	100		
64	76.3	60.1	90.1
63	177.7	116.8	175.2#



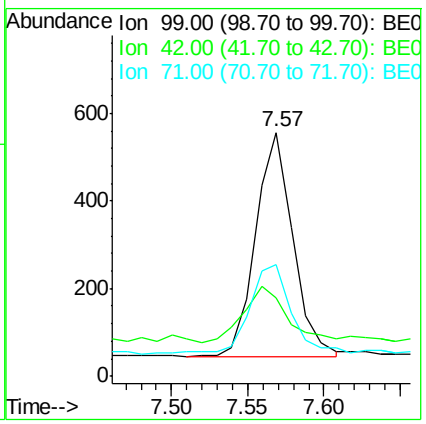


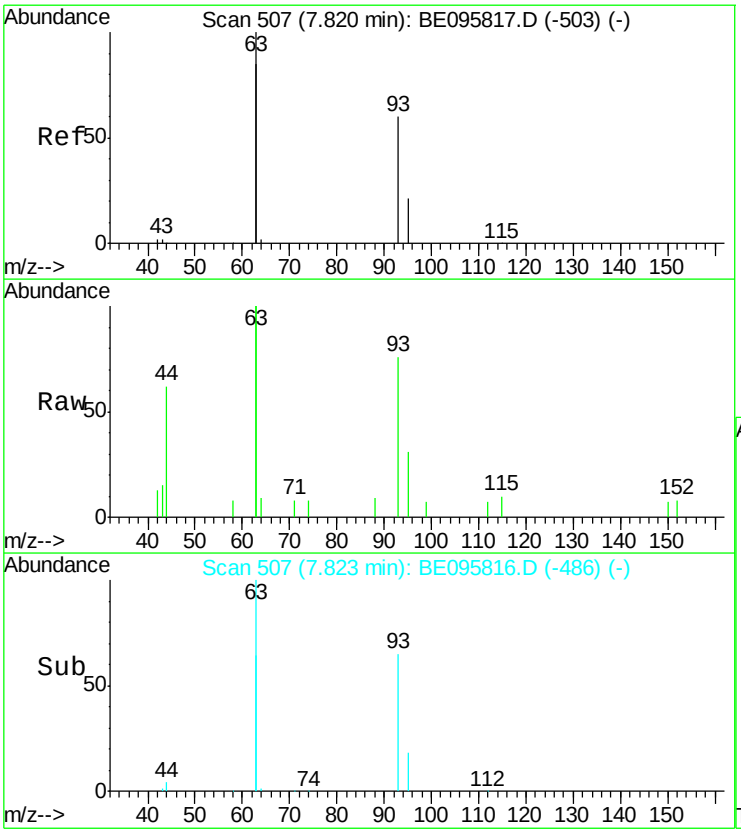
#5
Phenol-d6
Concen: 0.245 ng
RT: 7.57 min Scan# 481
Delta R.T. 0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 873

Ion	Ratio	Lower	Upper
99	100		
42	28.6	20.2	30.2
71	43.0	28.4	42.6#

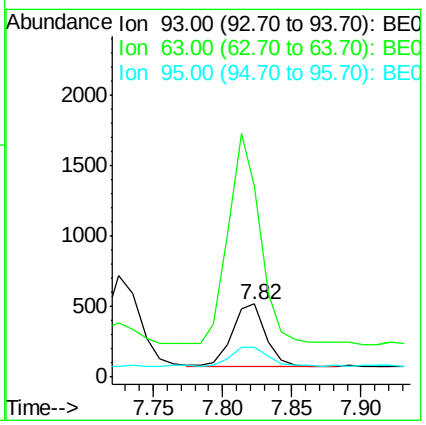


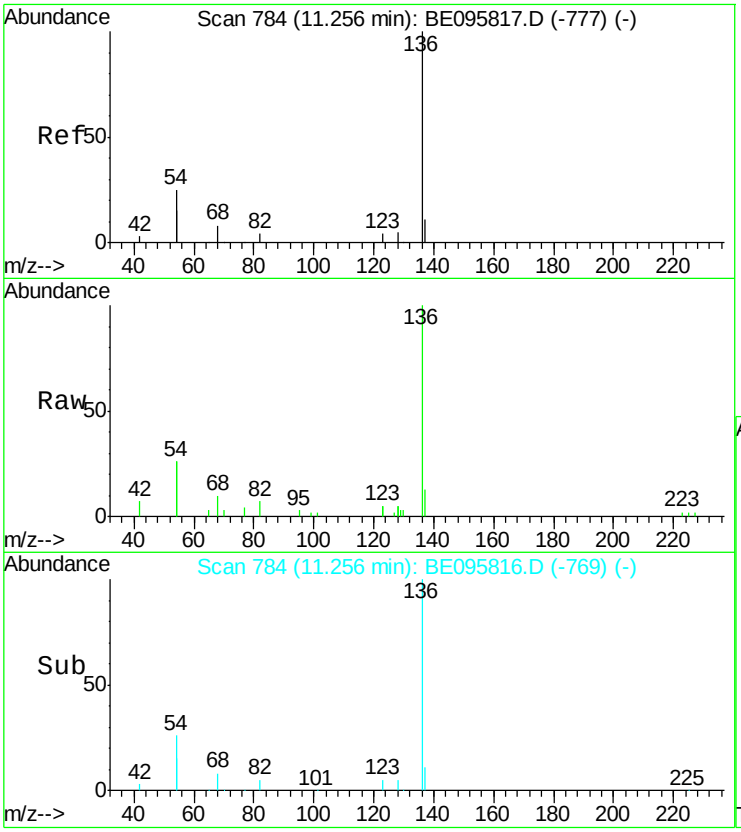


#6
bis(2-Chloroethyl)ether
Concen: 0.204 ng
RT: 7.82 min Scan# 507
Delta R.T. 0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Tgt Ion: 93 Resp: 745

Ion	Ratio	Lower	Upper
93	100		
63	330.9	275.3	412.9
95	34.5	25.2	37.8



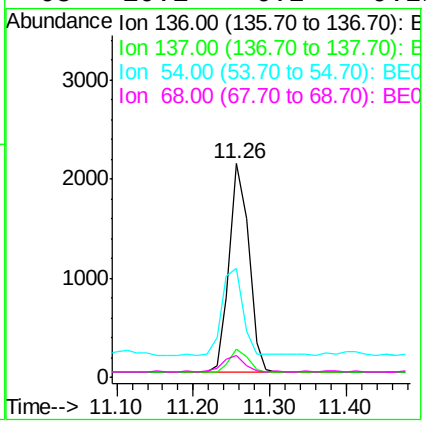


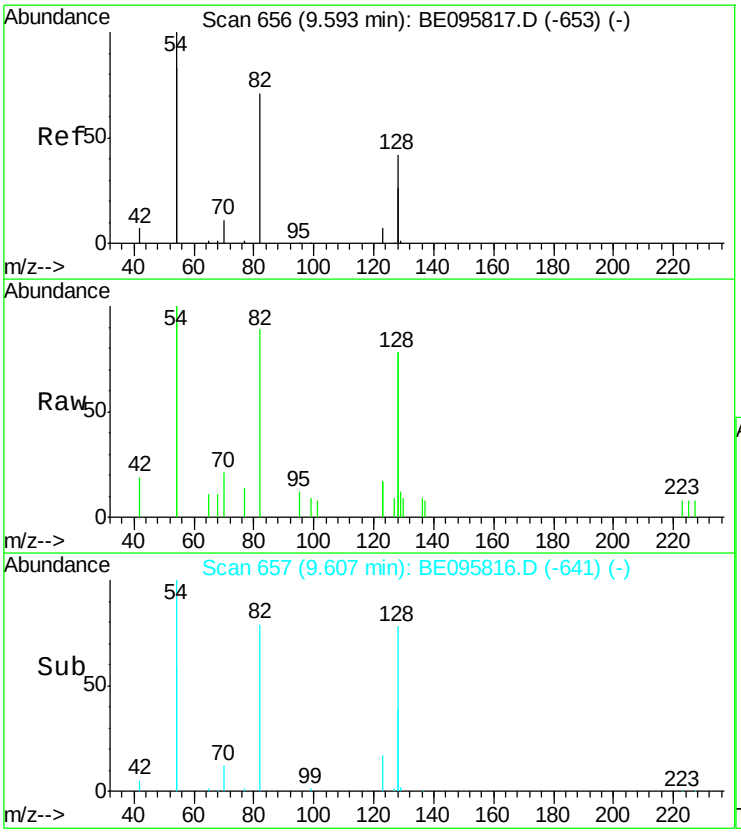
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.26 min Scan# 784
Delta R.T. 0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3787

Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.5	14.3
54	51.1	29.1	43.7#
68	10.1	6.2	9.2#

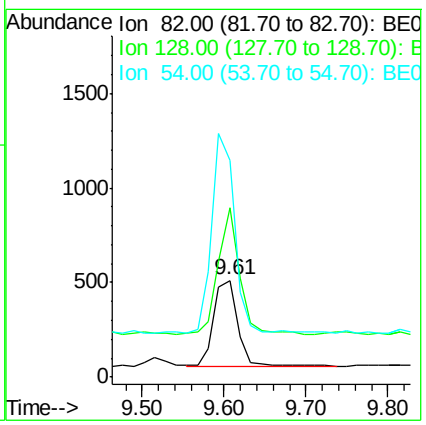


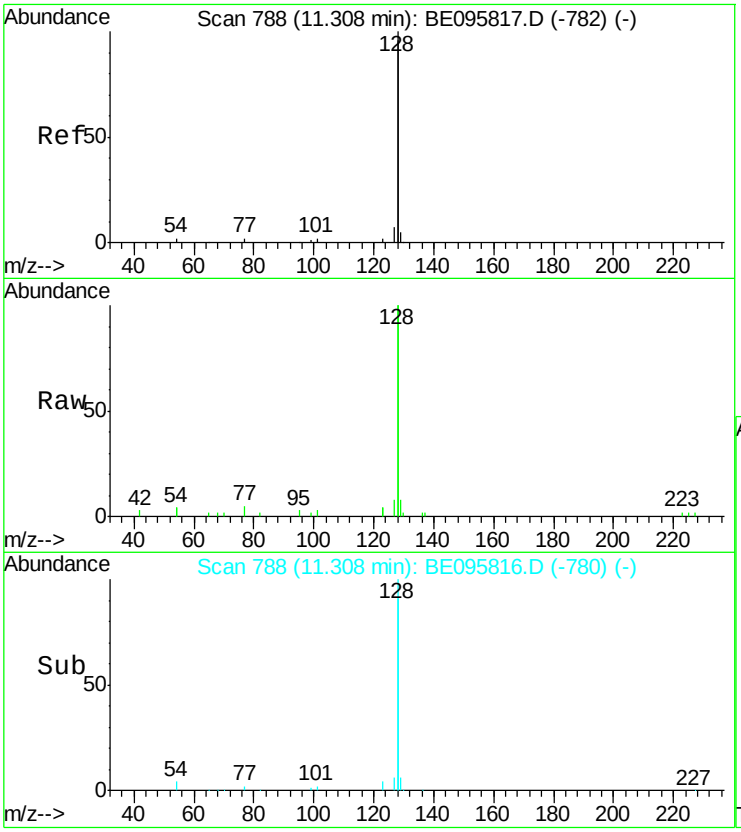


#8
Nitrobenzene-d5
Concen: 0.234 ng
RT: 9.61 min Scan# 657
Delta R.T. 0.01 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Tgt Ion: 82 Resp: 912

Ion	Ratio	Lower	Upper
82	100		
128	175.3	150.0	225.0
54	224.3	154.2	231.4



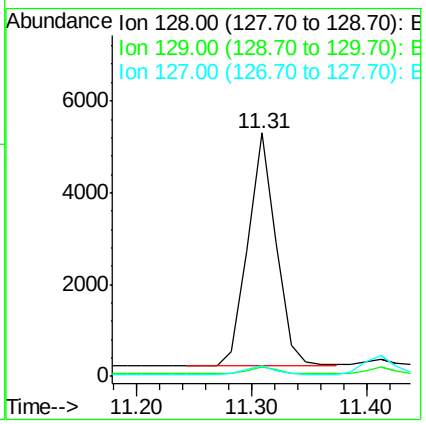


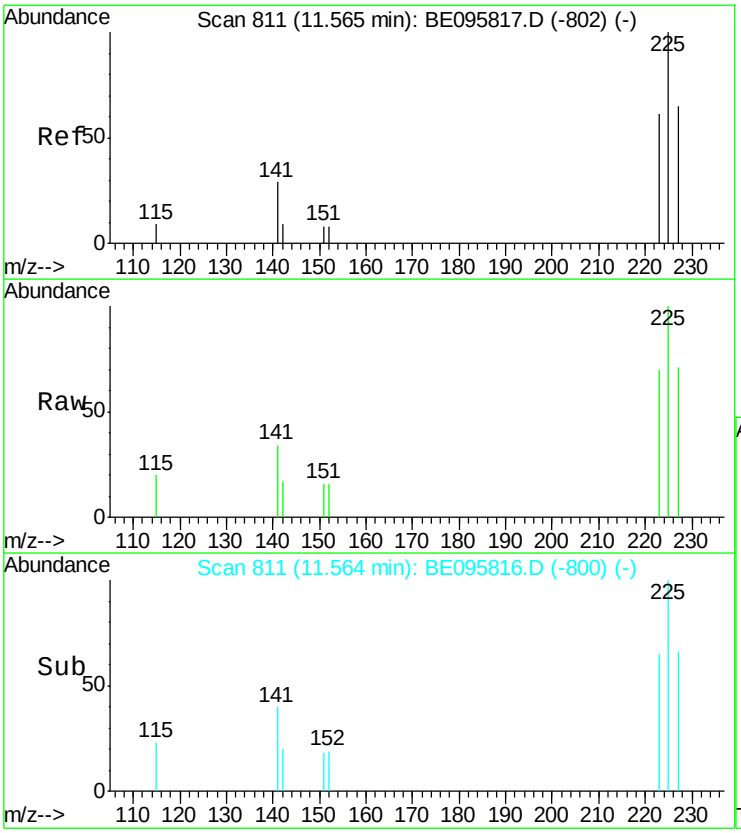
#9
Naphthalene
Concen: 0.200 ng
RT: 11.31 min Scan# 788
Delta R.T. 0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 8731

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

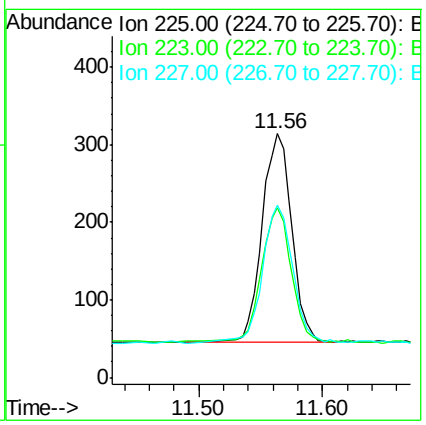


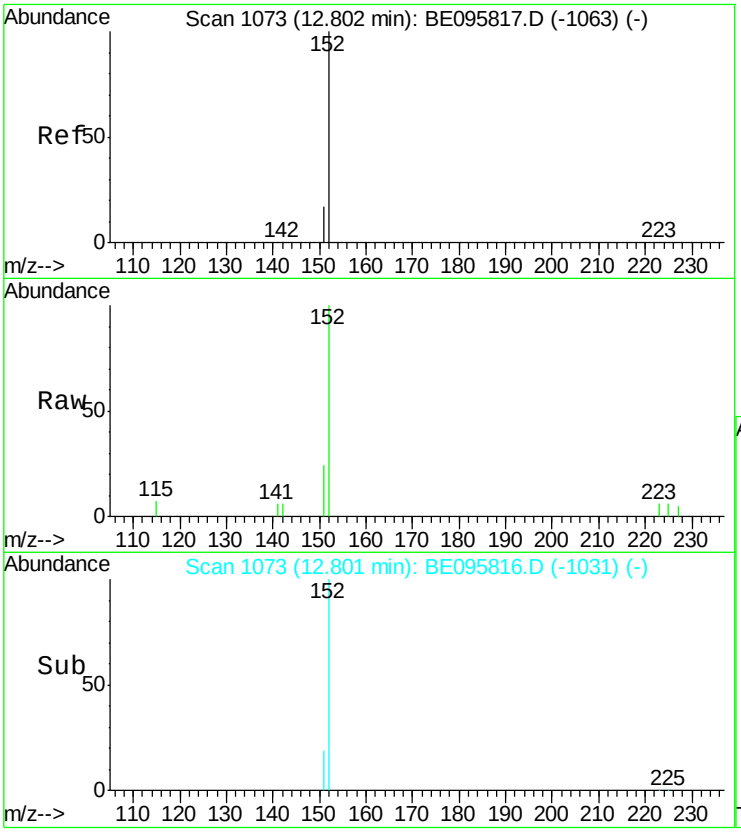


#10
Hexachlorobutadiene
Concen: 0.235 ng
RT: 11.56 min Scan# 811
Delta R.T. -0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Tgt Ion:225 Resp: 598

Ion	Ratio	Lower	Upper
225	100		
223	60.5	53.0	79.6
227	66.4	51.4	77.2



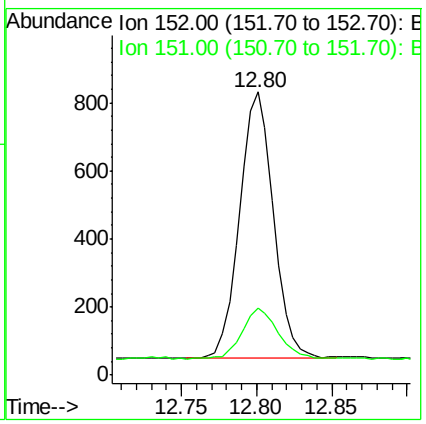


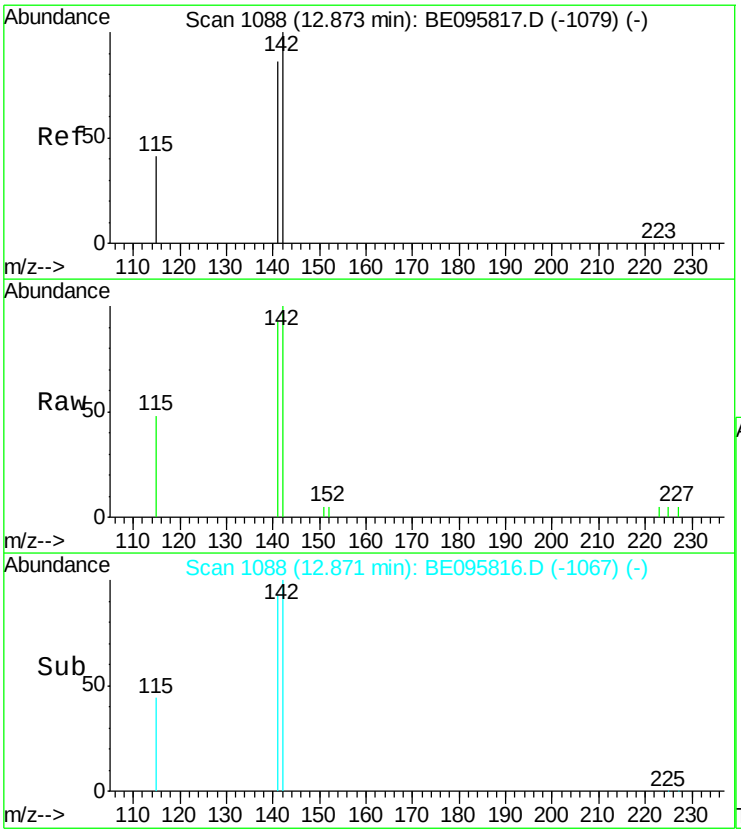
#11
2-Methylnaphthalene-d10
Concen: 0.194 ng
RT: 12.80 min Scan# 1073
Delta R.T. -0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1231

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.4	23.0

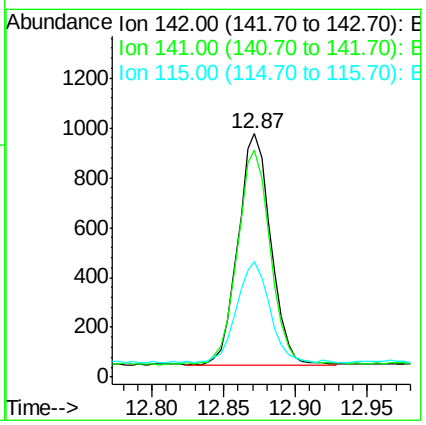


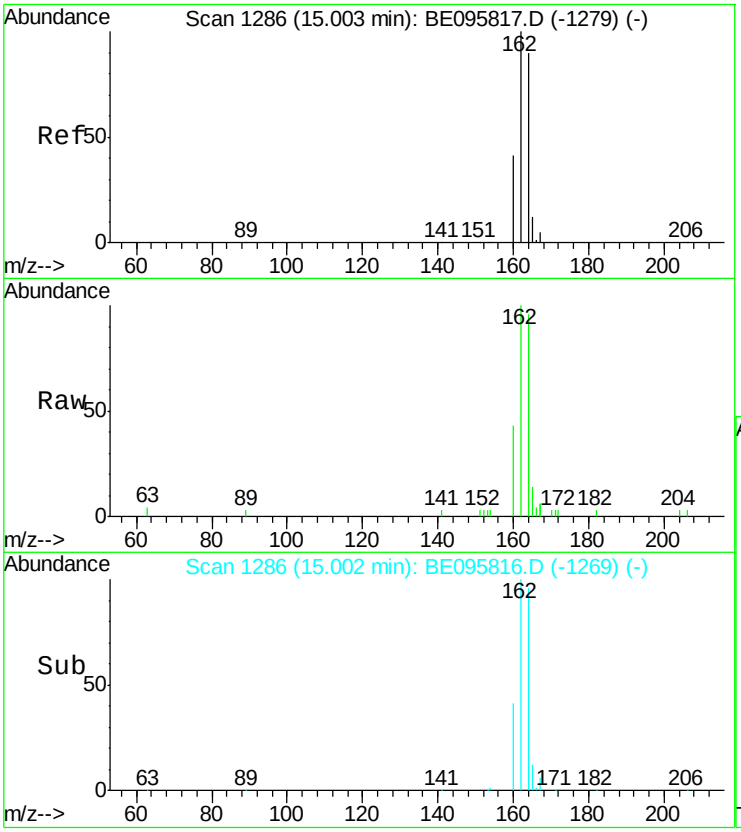


#12
2-Methylnaphthalene
Concen: 0.194 ng
RT: 12.87 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Tgt Ion:142 Resp: 1463

Ion	Ratio	Lower	Upper
142	100		
141	93.2	70.4	105.6
115	47.7	31.7	47.5#



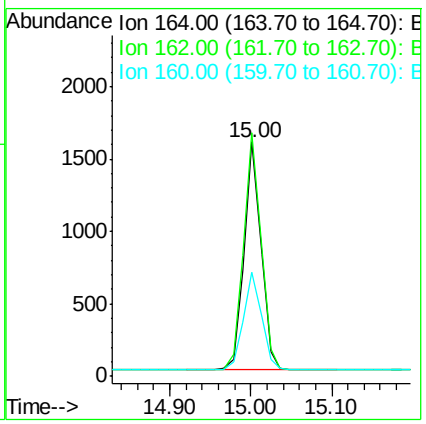


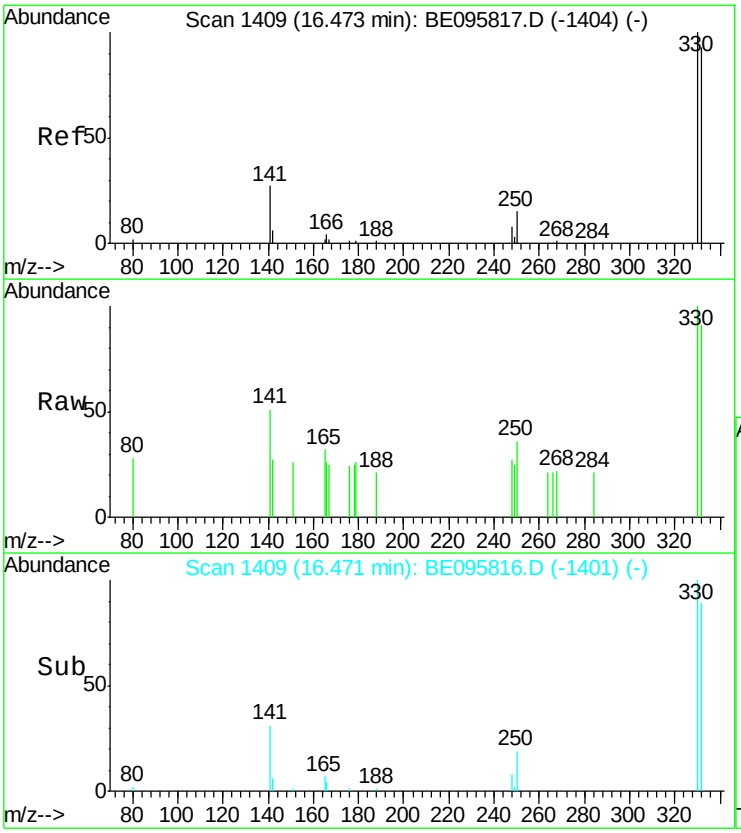
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2274

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.1	124.7
160	44.4	37.1	55.7

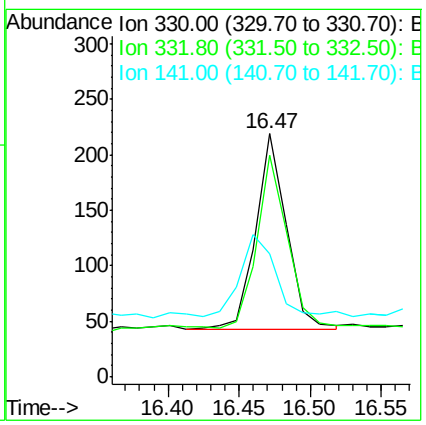


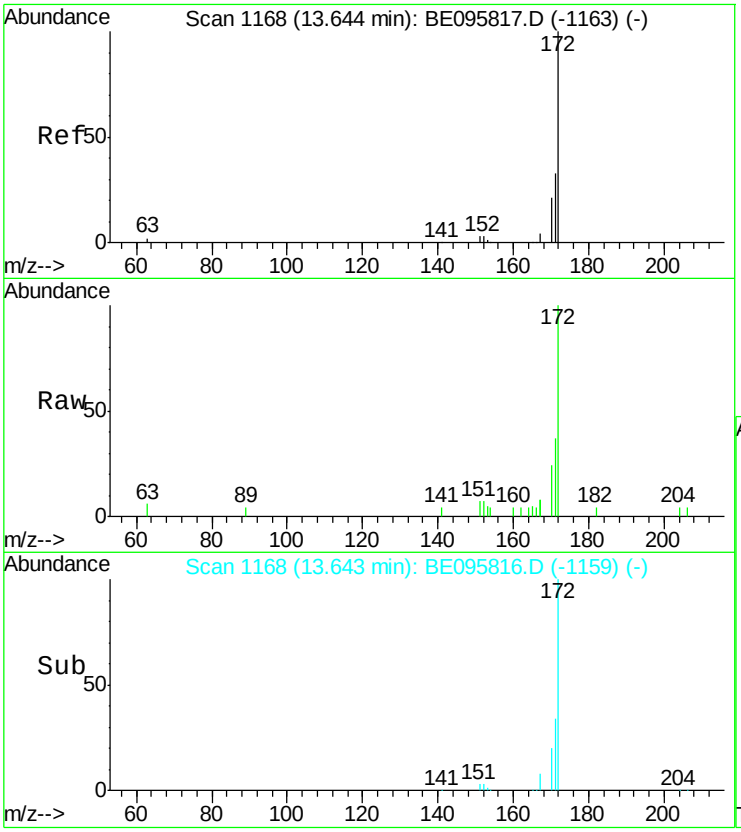


#14
2,4,6-Tribromophenol
Concen: 0.323 ng
RT: 16.47 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Tgt Ion:330 Resp: 263

Ion	Ratio	Lower	Upper
330	100		
332	85.2	152.7	229.1#
141	54.4	33.7	50.5#



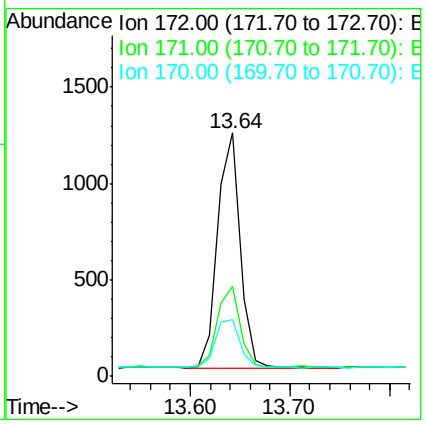


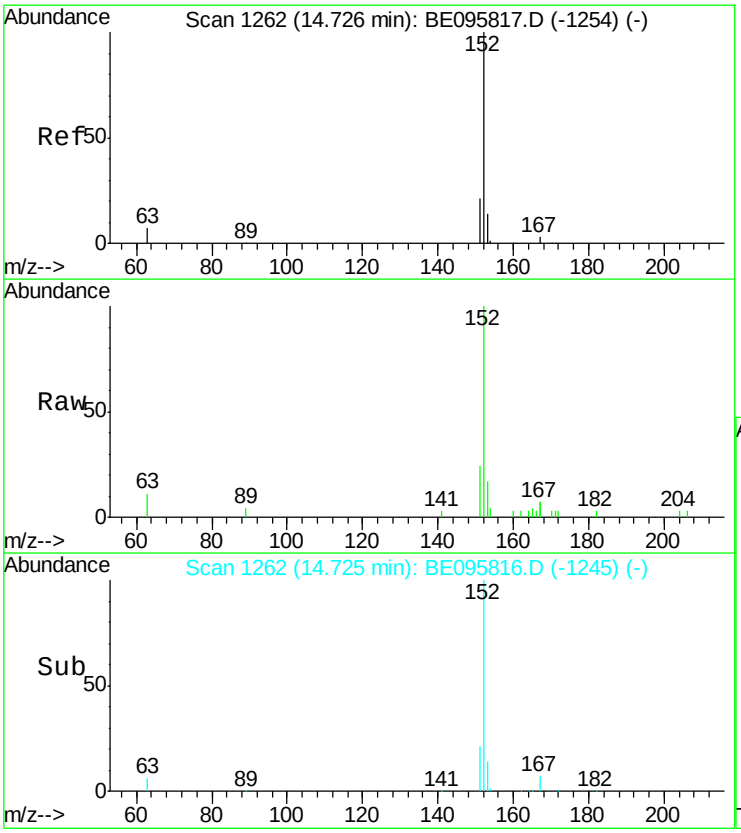
#15
2-Fluorobiphenyl
Concen: 0.189 ng
RT: 13.64 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 1922

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.9	44.9
170	23.5	21.8	32.8

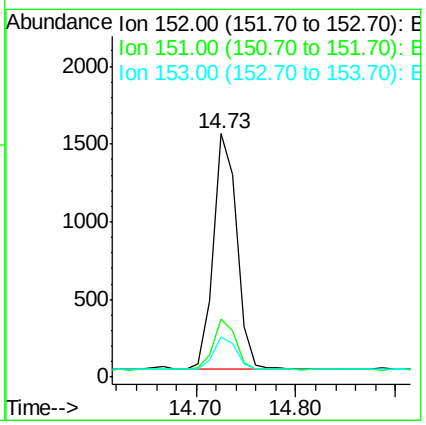


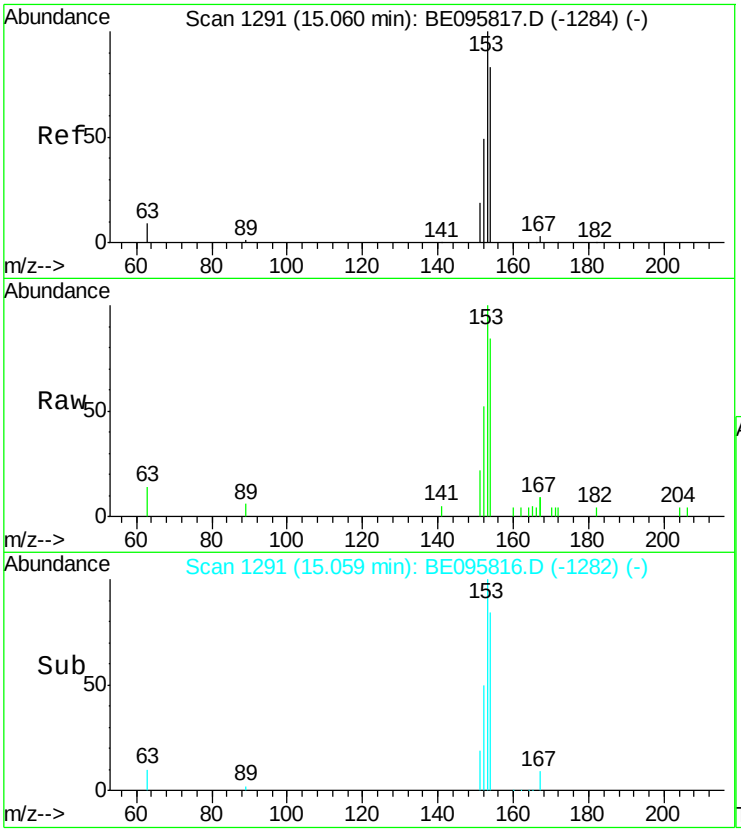


#16
Acenaphthylene
Concen: 0.193 ng
RT: 14.73 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Tgt Ion:152 Resp: 2471

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.7	23.5
153	14.3	10.5	15.7



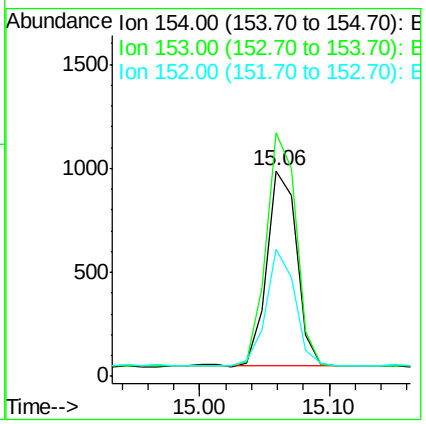


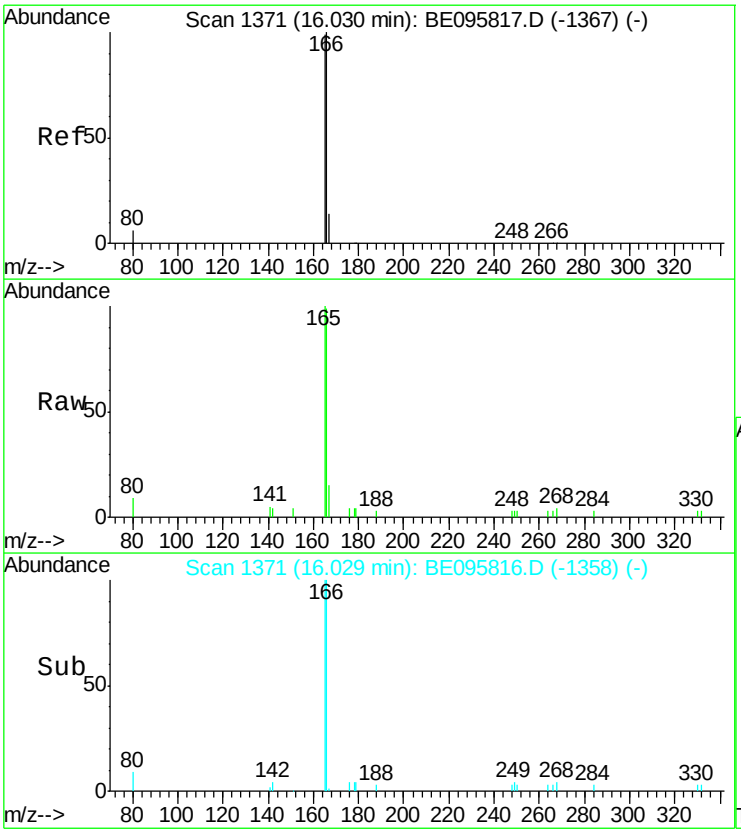
#17
Acenaphthene
Concen: 0.191 ng
RT: 15.06 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1531

Ion	Ratio	Lower	Upper
154	100		
153	119.0	89.2	133.8
152	56.8	42.0	63.0

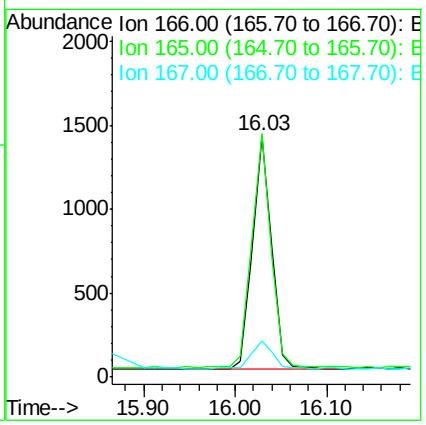


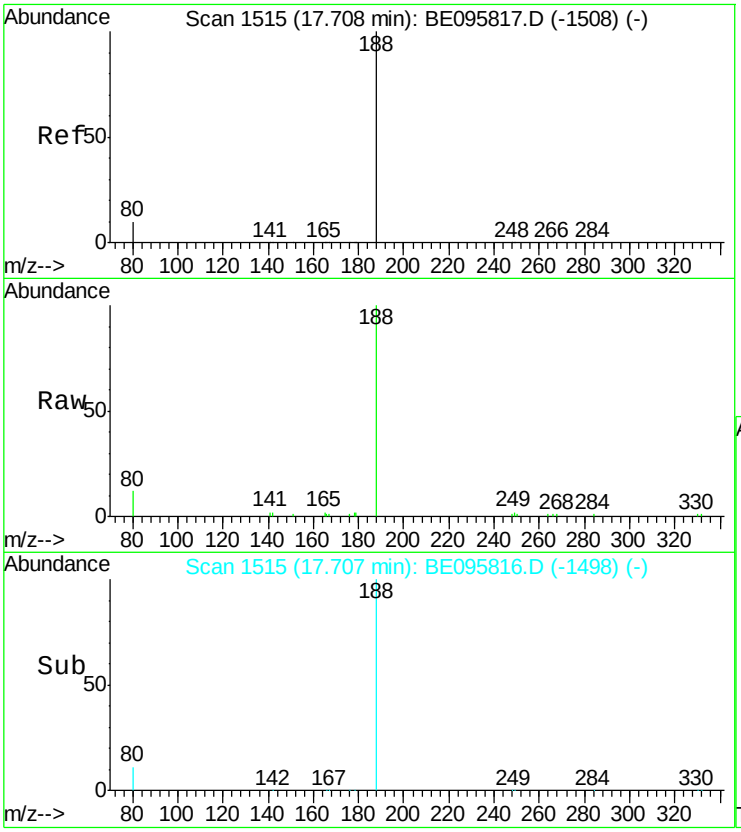


#18
Fluorene
Concen: 0.202 ng
RT: 16.03 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Tgt Ion:166 Resp: 2010

Ion	Ratio	Lower	Upper
166	100		
165	100.5	77.8	116.6
167	14.4	42.4	63.6#



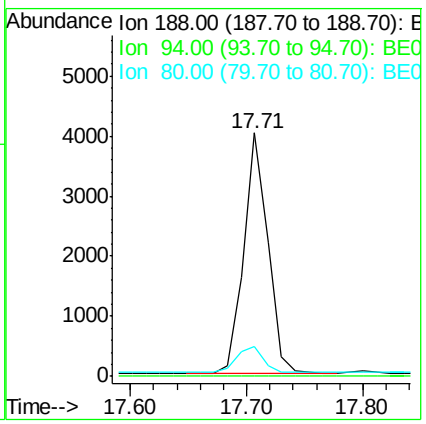


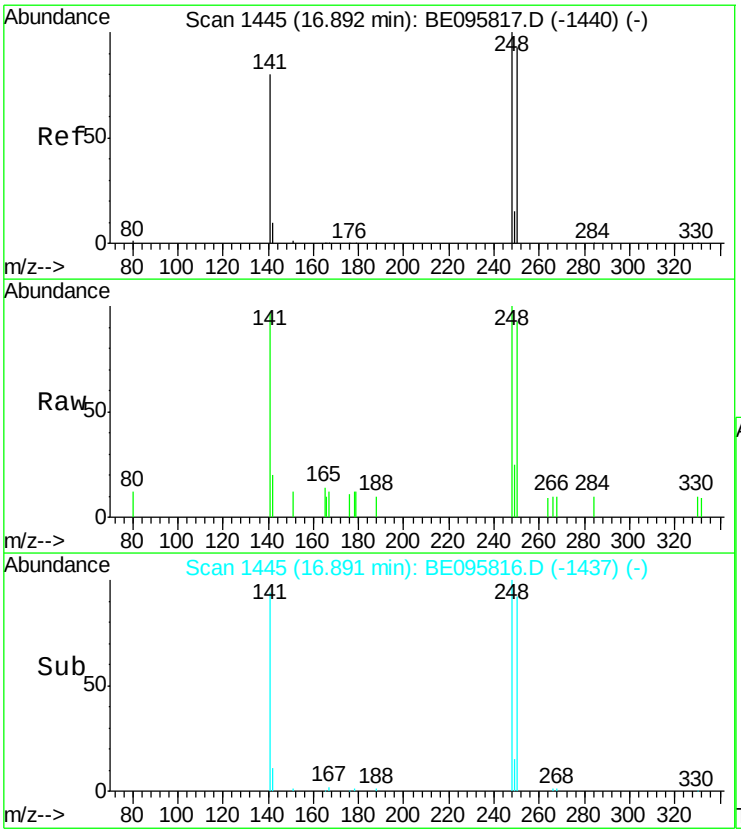
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5773

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.3	3.6	5.4#

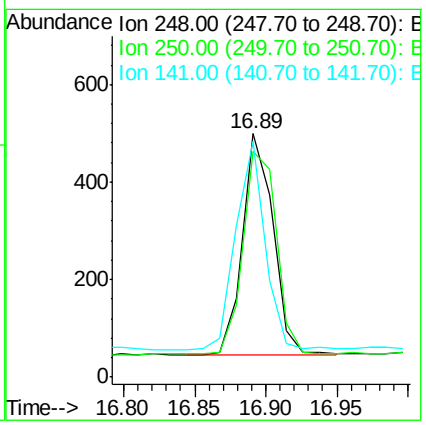


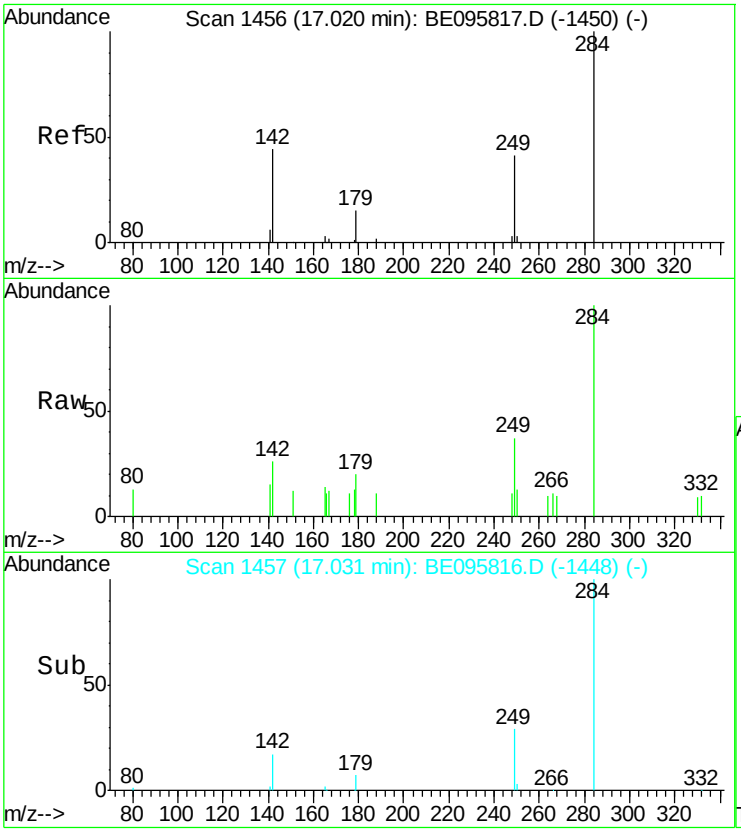


#20
4-Bromophenyl-phenylether
Concen: 0.187 ng
RT: 16.89 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Tgt Ion:248 Resp: 676

Ion	Ratio	Lower	Upper
248	100		
250	92.6	62.7	94.1
141	97.0	48.2	72.2#



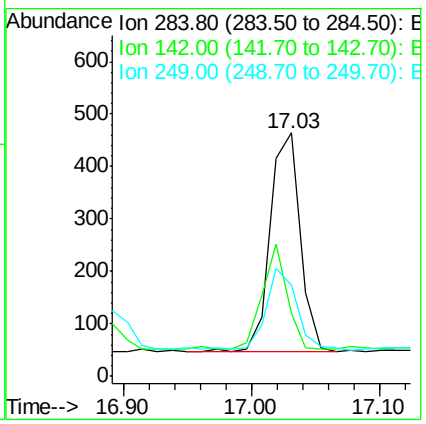


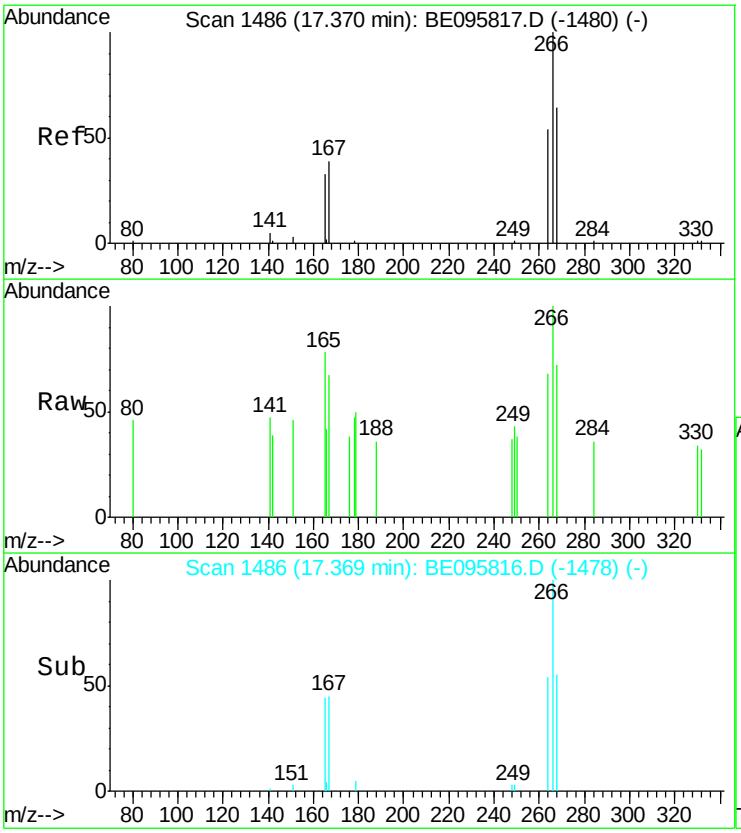
#21
Hexachlorobenzene
Concen: 0.185 ng
RT: 17.03 min Scan# 1457
Delta R.T. 0.01 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 693

Ion	Ratio	Lower	Upper
284	100		
142	40.1	22.1	33.1#
249	39.2	34.8	52.2

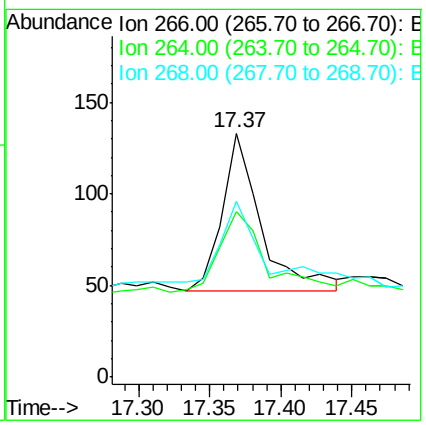


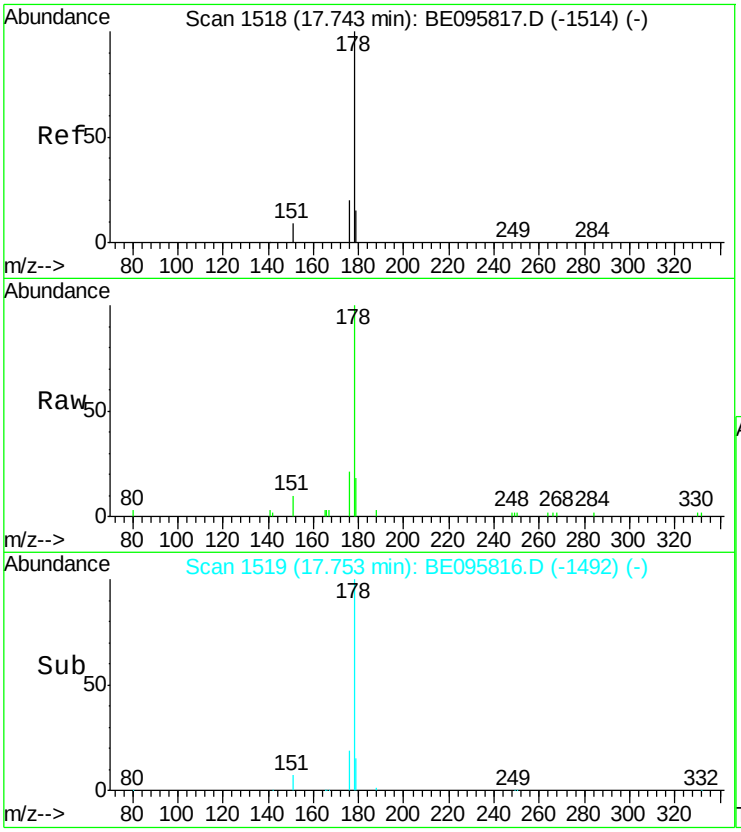


#22
Pentachlorophenol
Concen: 0.188 ng
RT: 17.37 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Tgt Ion:266 Resp: 163

Ion	Ratio	Lower	Upper
266	100		
264	67.7	72.5	108.7#
268	72.2	73.8	110.6#



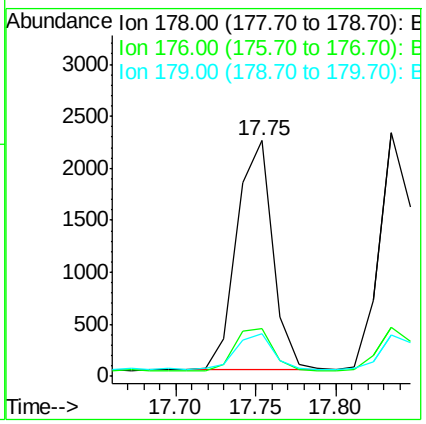


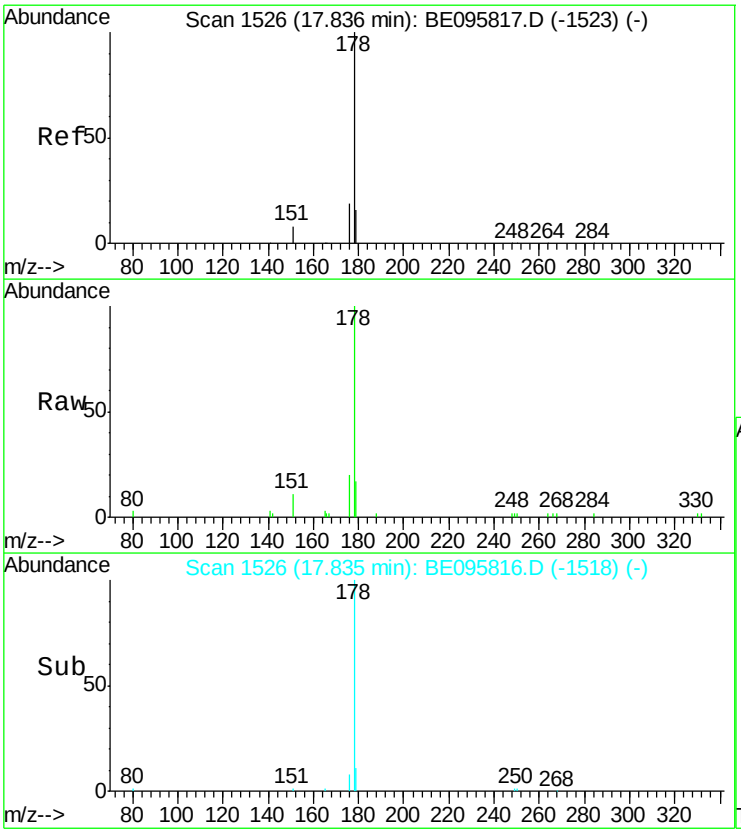
#23
Phenanthrene
Concen: 0.189 ng
RT: 17.75 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 3408

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	15.5	11.8	17.6

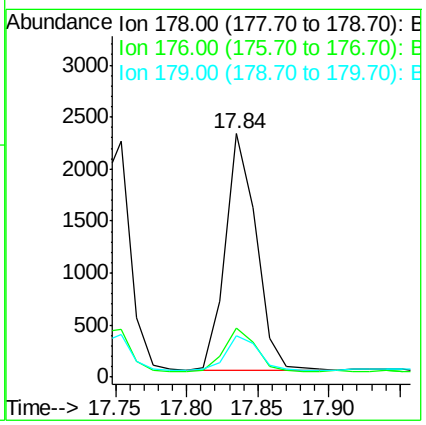


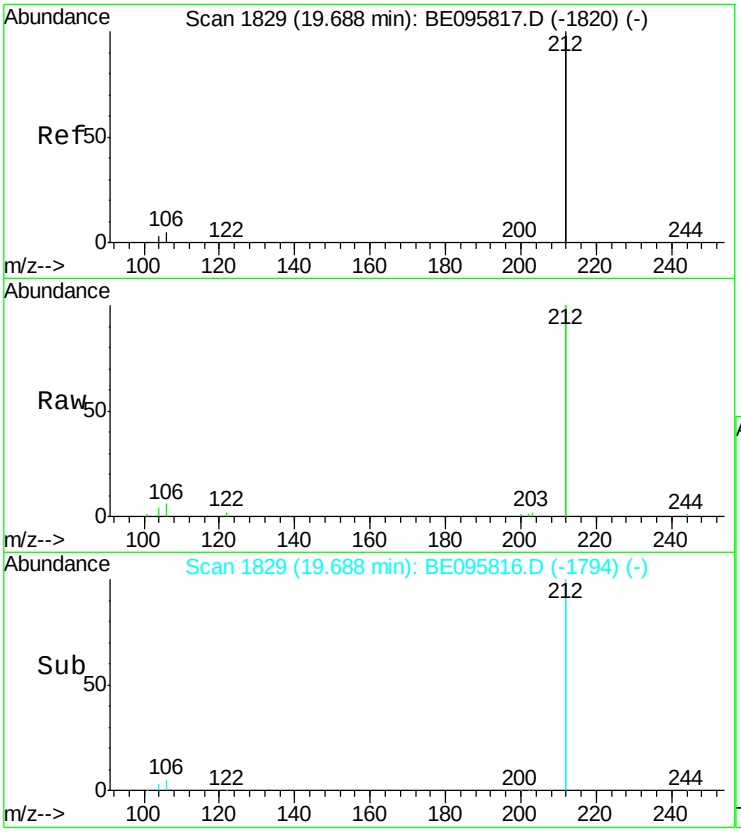


#24
Anthracene
Concen: 0.207 ng
RT: 17.84 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Tgt Ion:178 Resp: 3431

Ion	Ratio	Lower	Upper
178	100		
176	18.7	12.8	19.2
179	14.6	13.0	19.6



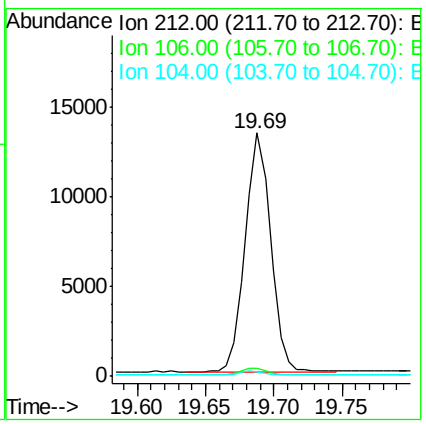


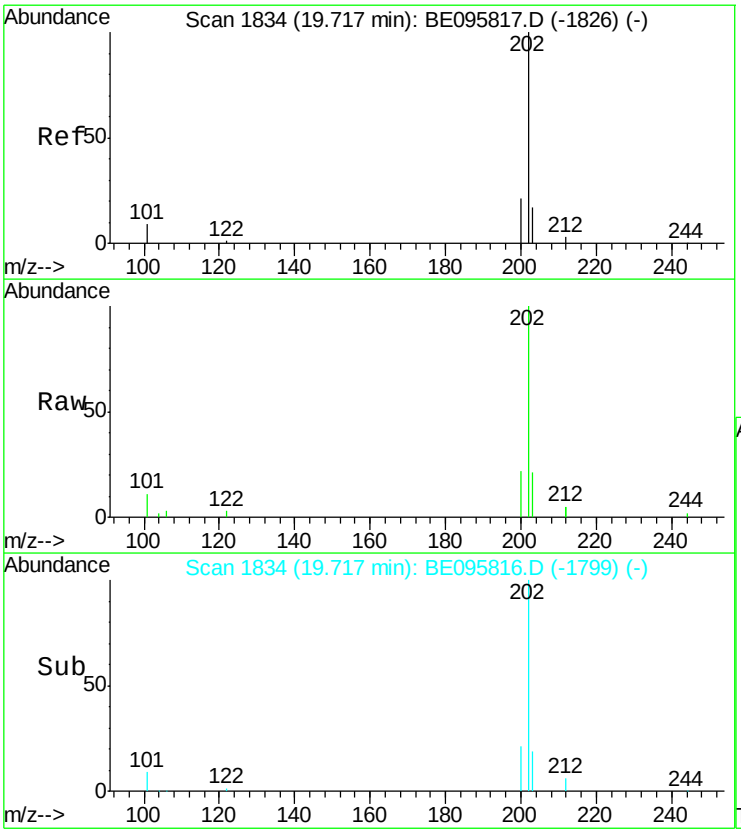
#25
Fluoranthene-d10
Concen: 0.226 ng
RT: 19.69 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 17011

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.8	4.2
104	1.9	1.6	2.4

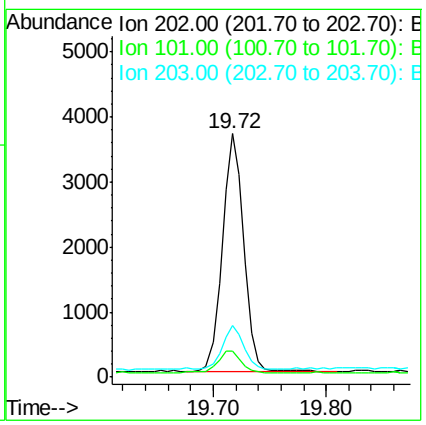


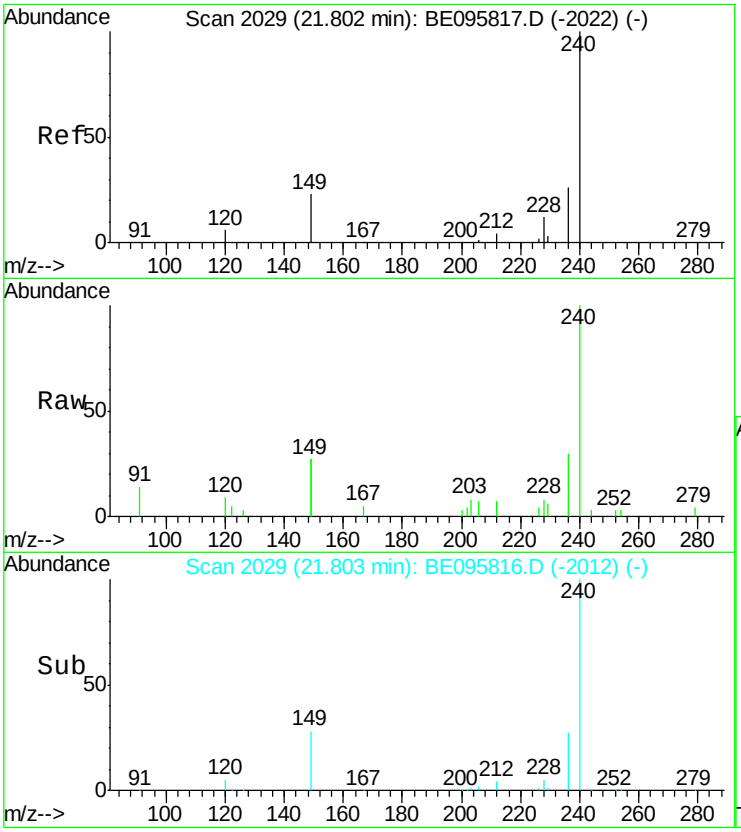


#26
Fluoranthene
Concen: 0.215 ng
RT: 19.72 min Scan# 1834
Delta R.T. -0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Tgt Ion:202 Resp: 4778

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.8	14.8
203	18.0	13.7	20.5



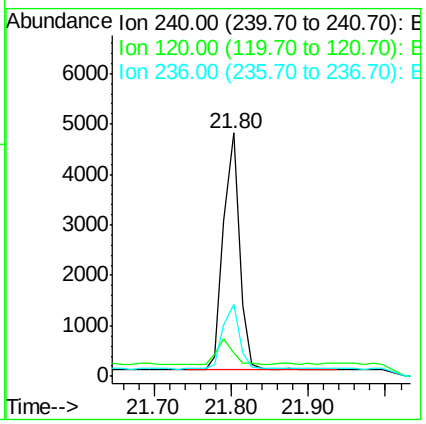


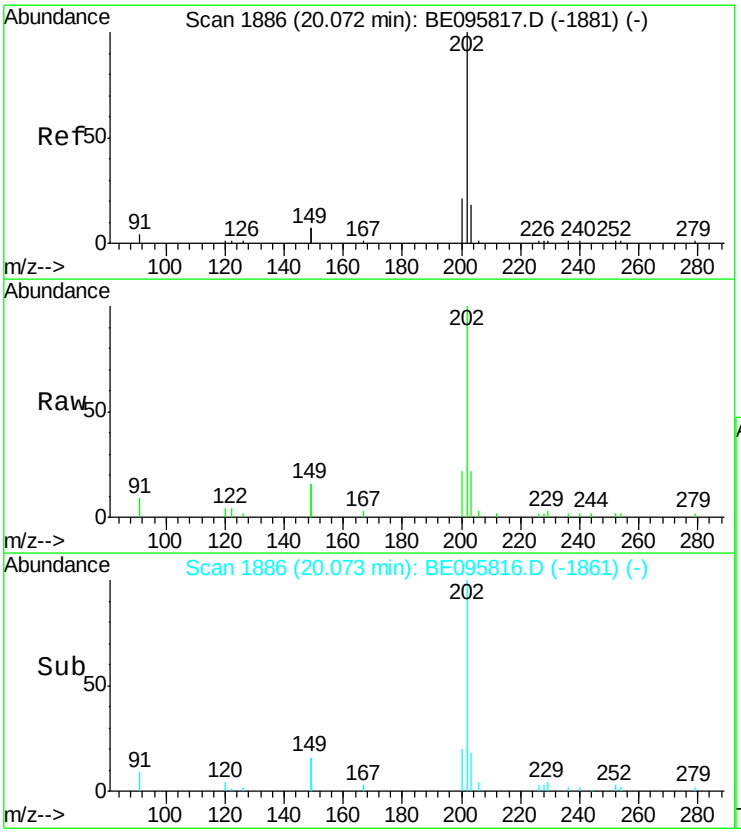
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.80 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 6900

Ion	Ratio	Lower	Upper
240	100		
120	9.5	5.5	8.3#
236	29.7	20.7	31.1

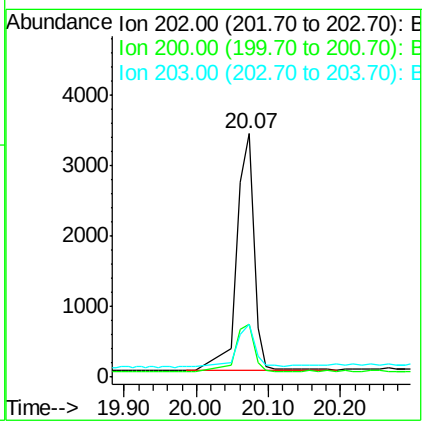


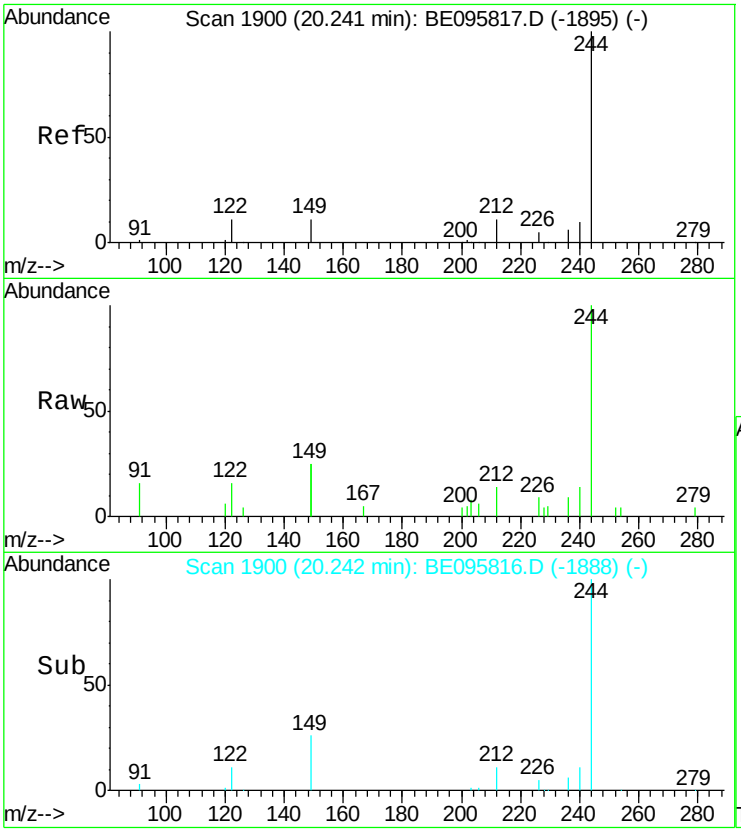


#28
Pyrene
Concen: 0.207 ng
RT: 20.07 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Tgt Ion:202 Resp: 5853

Ion	Ratio	Lower	Upper
202	100		
200	23.7	16.6	25.0
203	18.6	13.8	20.8



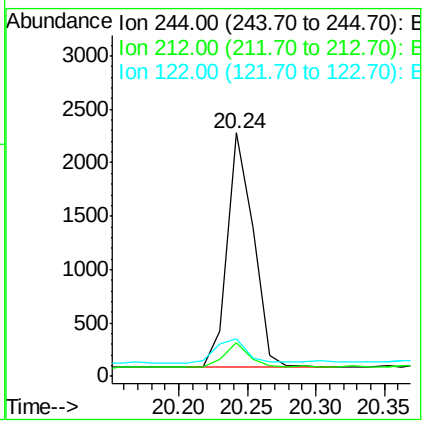


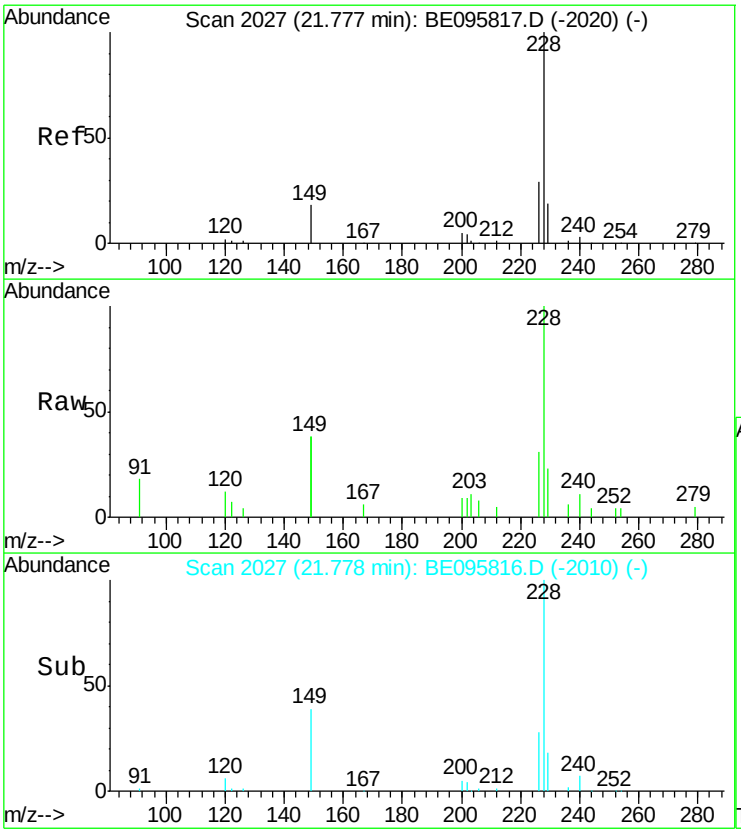
#29
Terphenyl-d14
Concen: 0.211 ng
RT: 20.24 min Scan# 1900
Delta R.T. 0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 2899

Ion	Ratio	Lower	Upper
244	100		
212	13.9	25.4	38.0#
122	15.7	8.1	12.1#

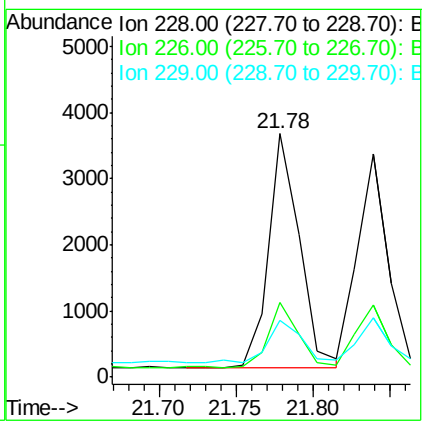


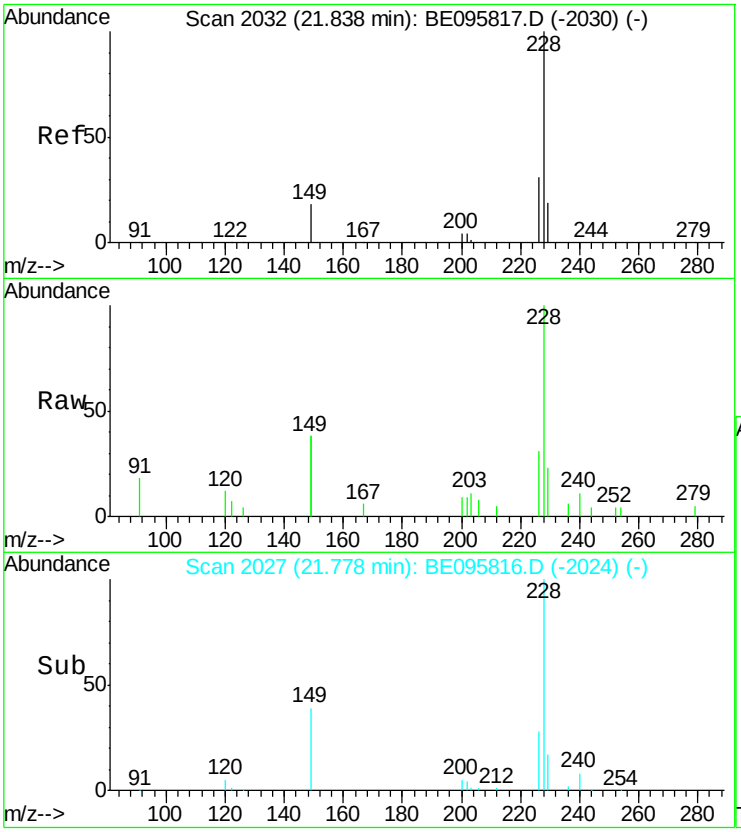


#30
Benzo(a)anthracene
Concen: 0.220 ng
RT: 21.78 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Tgt Ion:228 Resp: 4958

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	23.3	16.0	24.0



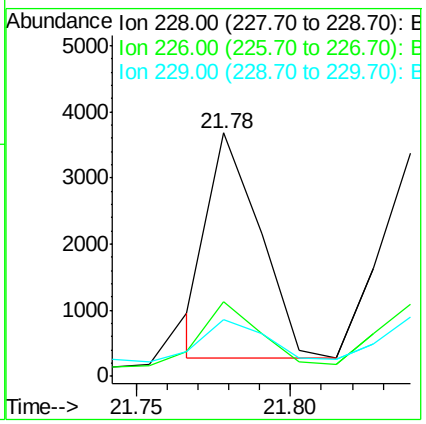


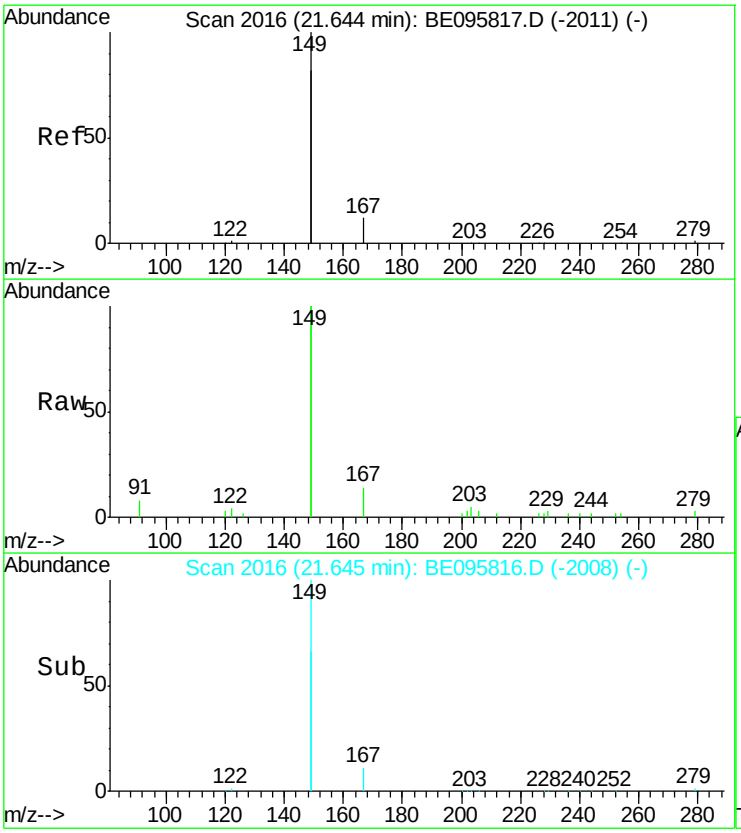
#31
Chrysene
Concen: 0.176 ng
RT: 21.78 min Scan# 2027
Delta R.T. -0.06 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 3931

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	23.3	16.0	24.0

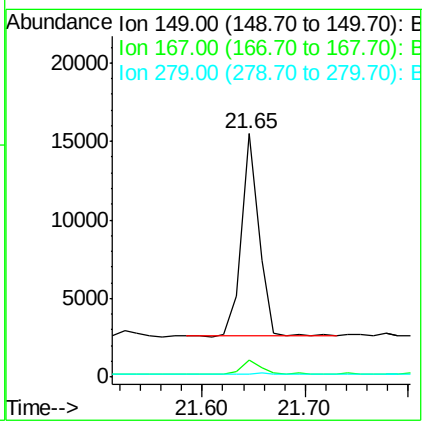


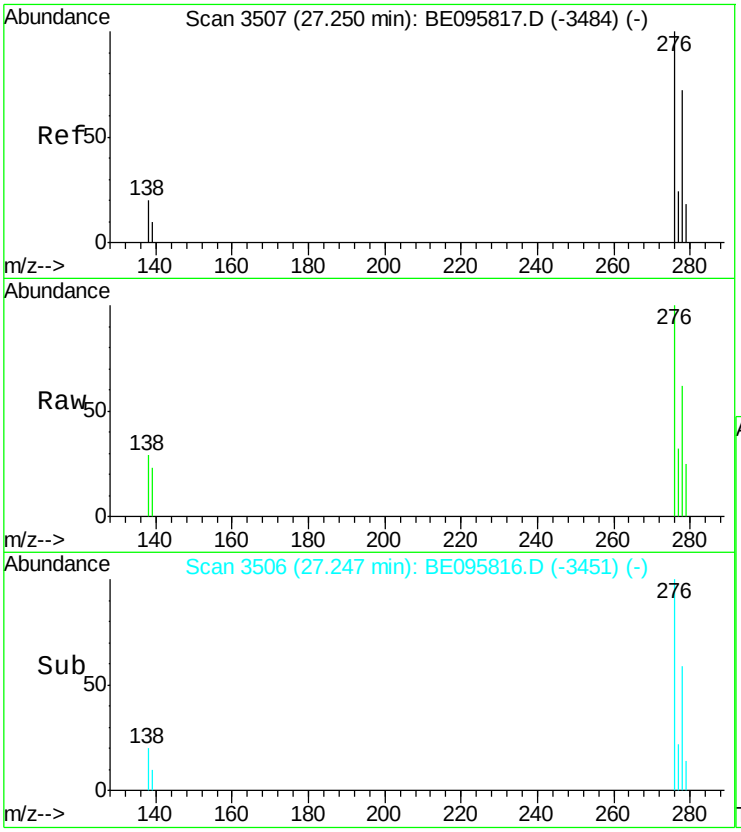


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.383 ng
RT: 21.65 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Tgt Ion:149 Resp: 15232

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	1.9	0.7	1.1#



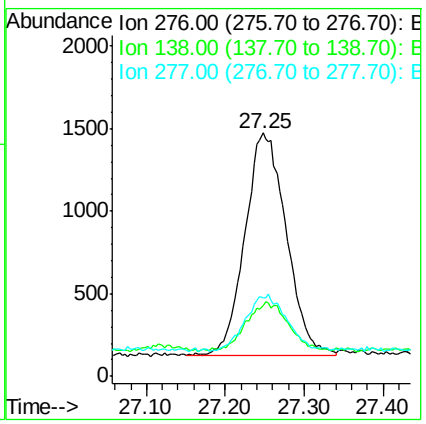


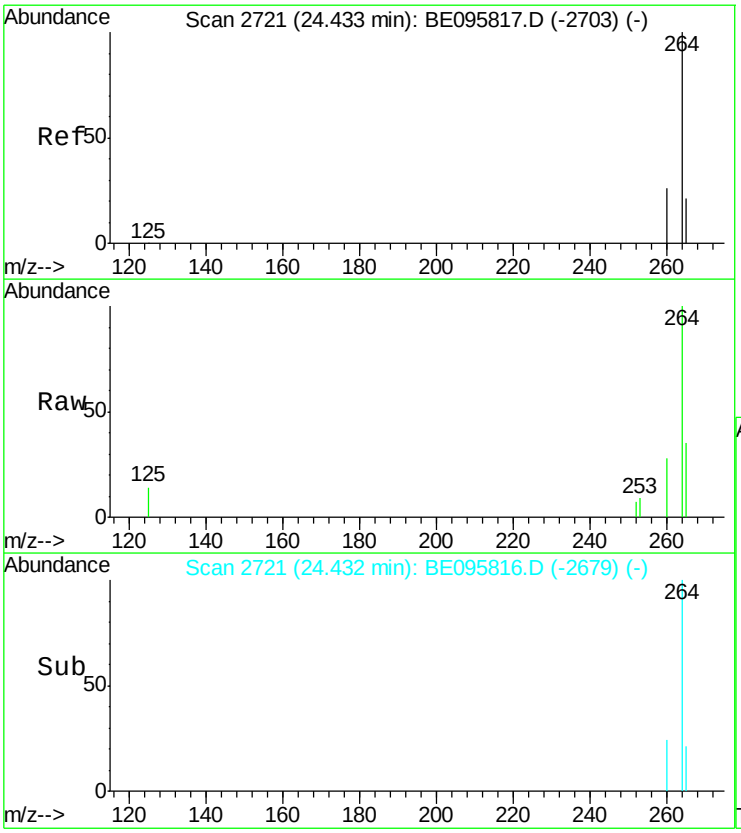
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.227 ng
RT: 27.25 min Scan# 3506
Delta R.T. -0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 4914

Ion	Ratio	Lower	Upper
276	100		
138	21.6	22.5	33.7#
277	24.1	19.9	29.9

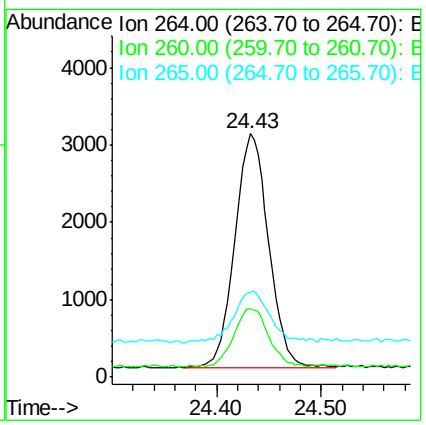


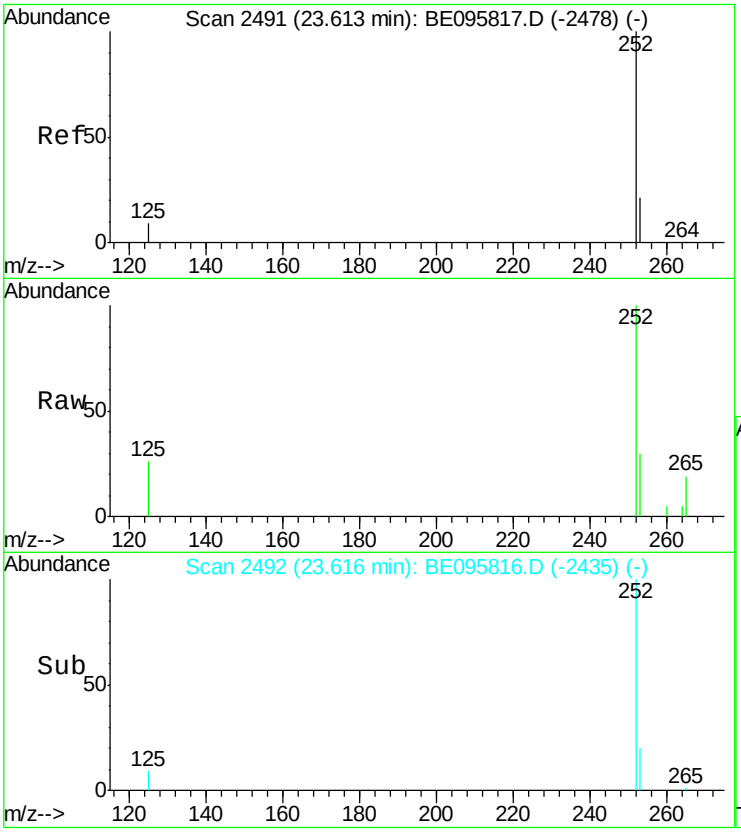


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2721
Delta R.T. -0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Tgt Ion:264 Resp: 6782

Ion	Ratio	Lower	Upper
264	100		
260	27.9	20.5	30.7
265	34.7	22.8	34.2#



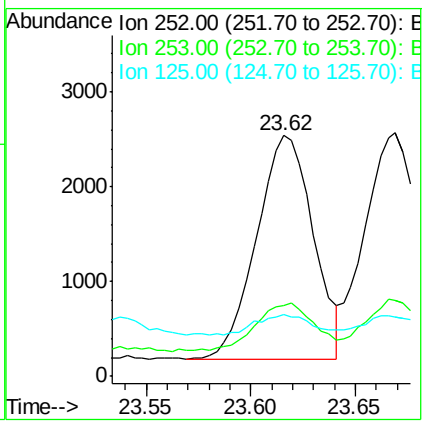


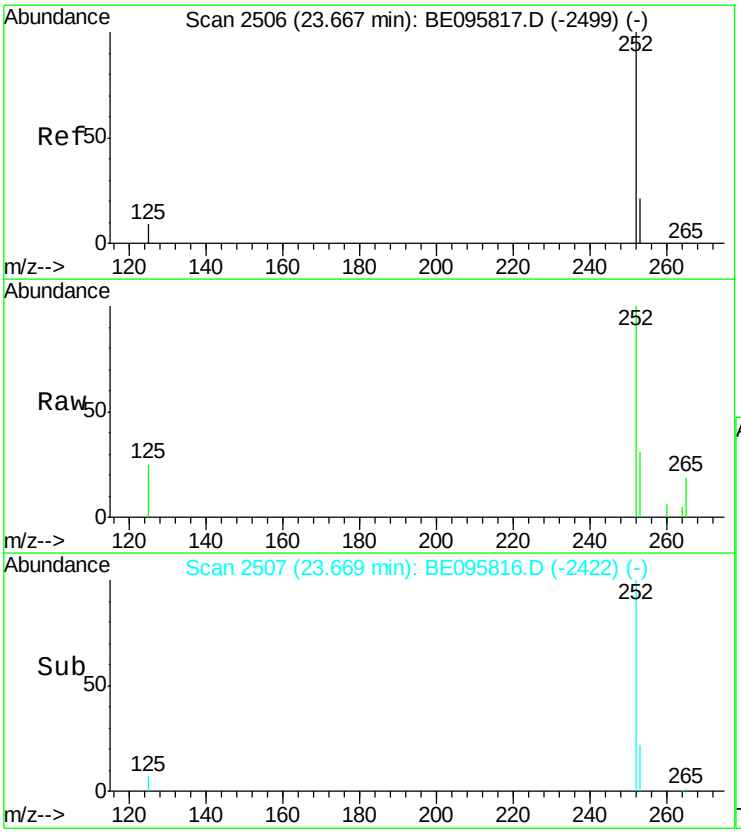
#35
Benzo(b)fluoranthene
Concen: 0.185 ng
RT: 23.62 min Scan# 2492
Delta R.T. 0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4458

Ion	Ratio	Lower	Upper
252	100		
253	29.6	20.0	30.0
125	25.7	16.0	24.0#

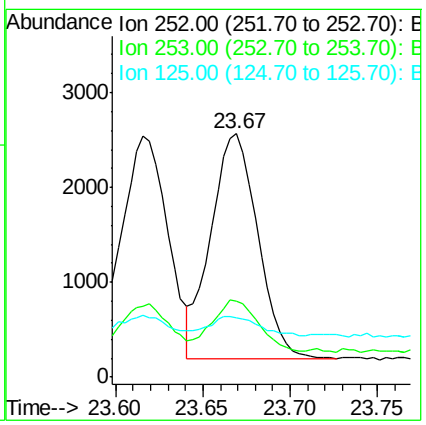


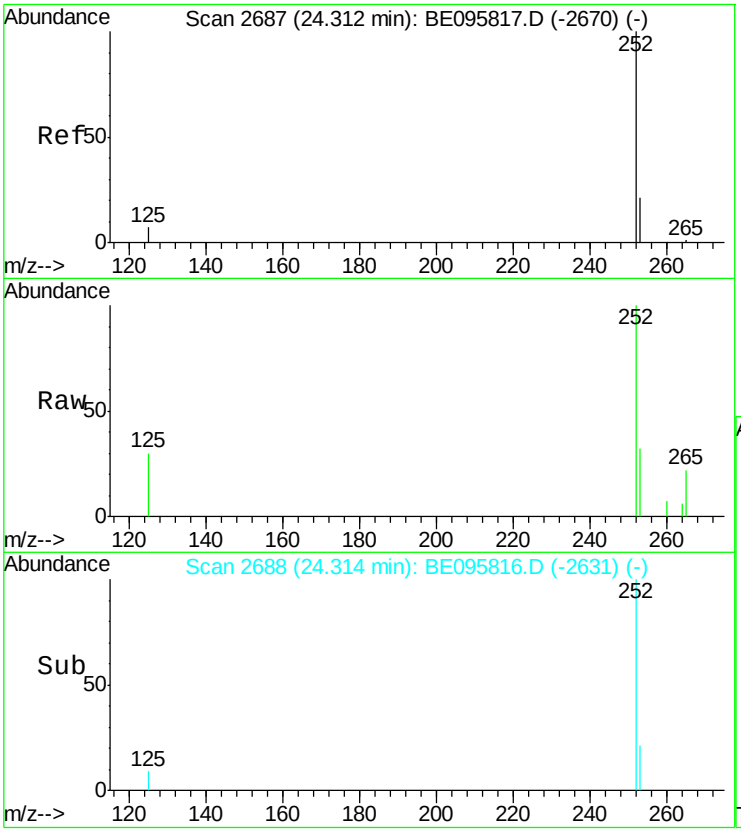


#36
Benzo(k)fluoranthene
Concen: 0.185 ng
RT: 23.67 min Scan# 2507
Delta R.T. 0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Tgt Ion:252 Resp: 4452

Ion	Ratio	Lower	Upper
252	100		
253	31.3	16.0	24.0#
125	24.6	8.0	12.0#



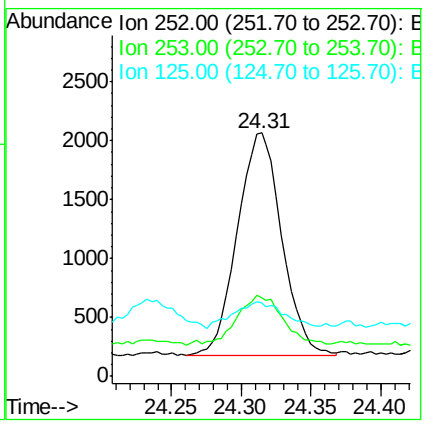


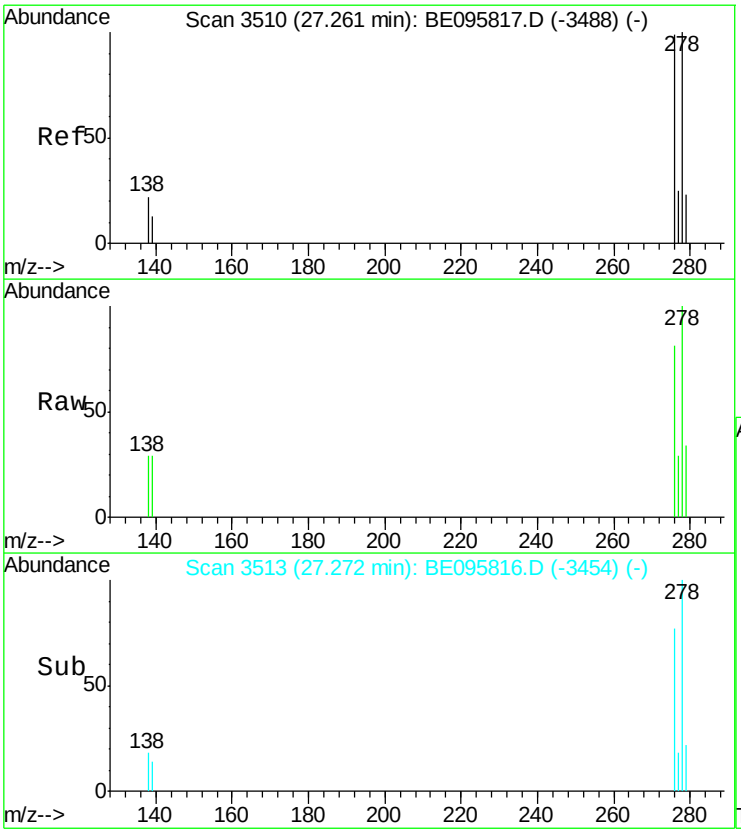
#37
Benzo(a)pyrene
Concen: 0.192 ng
RT: 24.31 min Scan# 2688
Delta R.T. 0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4171

Ion	Ratio	Lower	Upper
252	100		
253	32.4	16.0	24.0#
125	30.1	12.0	18.0#

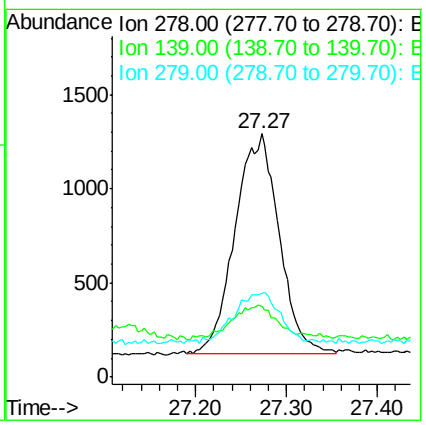


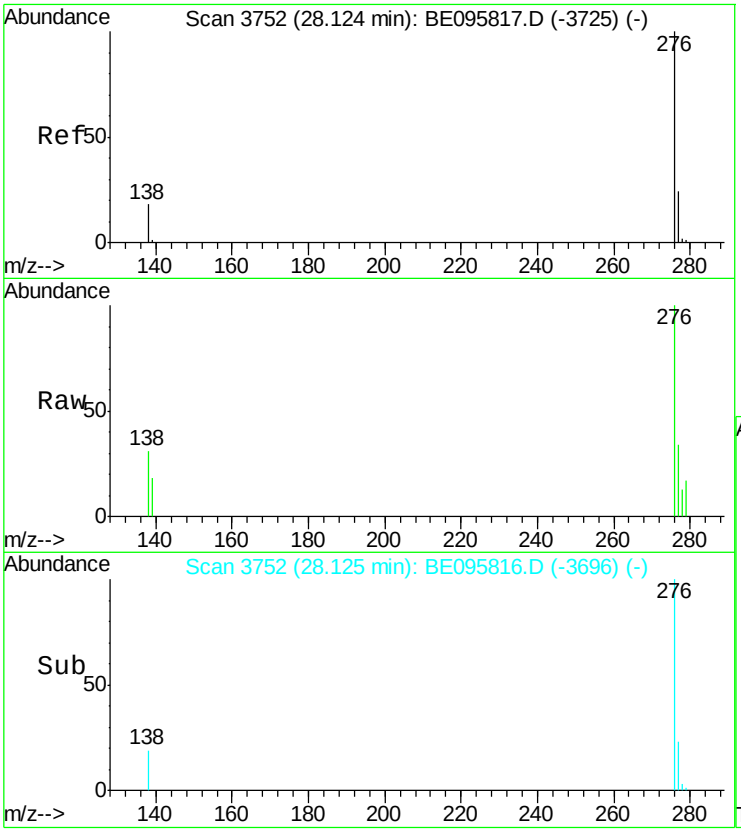


#38
Dibenzo(a,h)anthracene
Concen: 0.204 ng
RT: 27.27 min Scan# 3513
Delta R.T. 0.01 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Tgt Ion:278 Resp: 3949

Ion	Ratio	Lower	Upper
278	100		
139	29.1	16.0	24.0#
279	34.3	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.195 ng
RT: 28.12 min Scan# 3752
Delta R.T. 0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 4050

Ion	Ratio	Lower	Upper
276	100		
277	33.7	16.0	24.0#
138	31.3	20.0	30.0#