Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE030718\
Data File : BE095719.D
Acq On : 7 Mar 2018 12:16
Operator : SJ/JU
Sample : PB107119BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 07 14:22:14 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 12:12:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1269	0.40	ng		0.00
7) Naphthalene-d8	11.27	136	5248	0.40	ng		0.00
13) Acenaphthene-d10	15.00	164	3131	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	7099	0.40	ng		0.00
27) Chrysene-d12	21.80	240	7200	0.40	ng		0.00
34) Perylene-d12	24.43	264	6583	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.92	112	1303	0.39	ng		0.00
5) Phenol-d6	7.56	99	1897	0.41	ng		0.00
8) Nitrobenzene-d5	9.61	82	1939	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.80	152	3298	0.38	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	406	0.39	ng		0.00
15) 2-Fluorobiphenyl	13.64	172	4874	0.35	ng		0.00
25) Fluoranthene-d10	19.69	212	31214	0.34	ng		0.00
29) Terphenyl-d14	20.24	244	5088	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.64	88	784	0.392	ng	#	91
3) n-Nitrosodimethylamine	4.00	42	913	0.369	ng		85
6) bis(2-Chloroethyl)ether	7.83	93	1818	0.382	ng		96
9) Naphthalene	11.31	128	22743	0.376	ng		99
10) Hexachlorobutadiene	11.57	225	1404	0.398	ng		96
12) 2-Methylnaphthalene	12.88	142	3866	0.370	ng		96
16) Acenaphthylene	14.73	152	6106	0.347	ng		99
17) Acenaphthene	15.06	154	3849	0.348	ng		94
18) Fluorene	16.03	166	4774	0.349	ng	#	78
20) 4-Bromophenyl-phenylether	16.90	248	1531	0.344	ng	#	76
21) Hexachlorobenzene	17.02	284	1588	0.344	ng	#	83
22) Pentachlorophenol	17.36	266	357	0.389	ng	#	81
23) Phenanthrene	17.74	178	7677	0.346	ng		99
24) Anthracene	17.84	178	6911	0.339	ng	#	95
26) Fluoranthene	19.72	202	9183	0.336	ng	#	97
28) Pyrene	20.06	202	11100	0.377	ng		99
30) Benzo(a)anthracene	21.78	228	8438	0.359	ng		98
31) Chrysene	21.84	228	8062	0.345	ng		100
32) Bis(2-ethylhexyl)phthalate	21.66	149	14863	0.358	ng		100
33) Indeno(1,2,3-cd)pyrene	27.23	276	8317	0.367	ng	#	93
35) Benzo(b)fluoranthene	23.61	252	8130	0.347	ng	#	89
36) Benzo(k)fluoranthene	23.66	252	7824	0.335	ng		94
37) Benzo(a)pyrene	24.30	252	7481	0.354	ng		92
38) Dibenzo(a,h)anthracene	27.25	278	6818	0.363	ng		97
39) Benzo(g,h,i)perylene	28.10	276	6923	0.344	ng	#	92

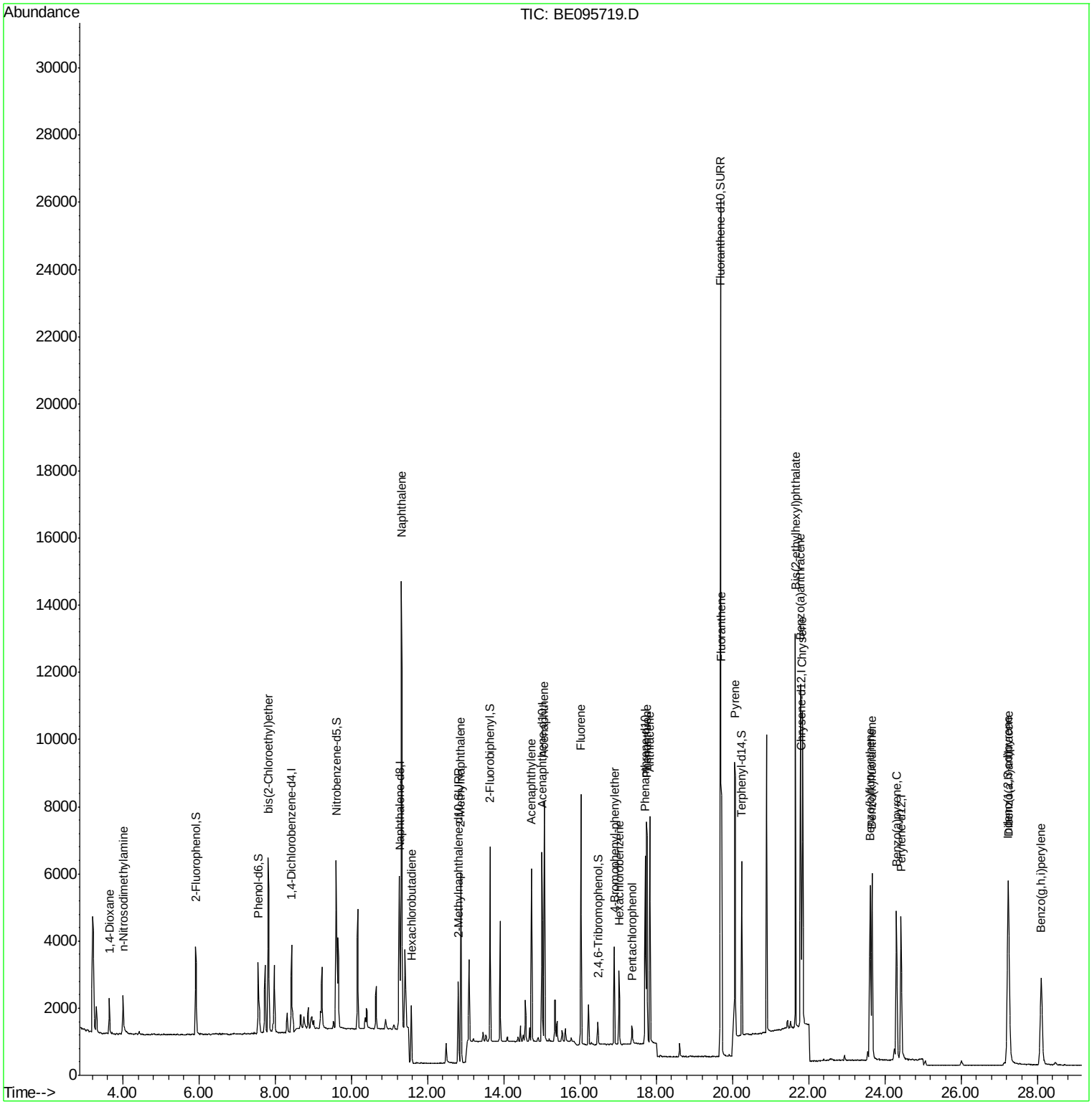
(#) = qualifier out of range (m) = manual integration (+) = signals summed

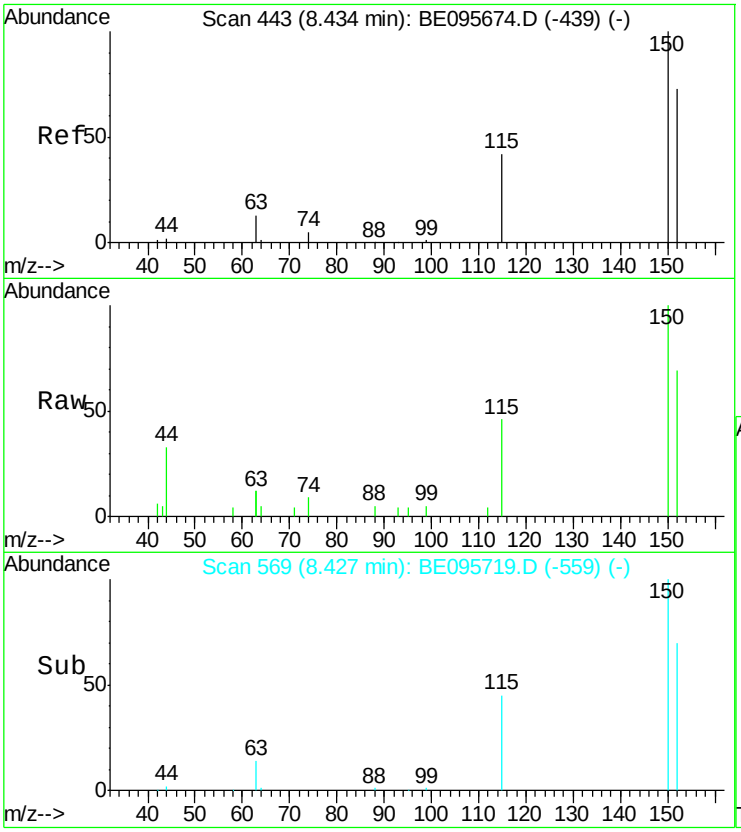
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE030718\
Data File : BE095719.D
Acq On : 7 Mar 2018 12:16
Operator : SJ/JU
Sample : PB107119BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 07 14:22:14 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 12:12:42 2018
Response via : Initial Calibration



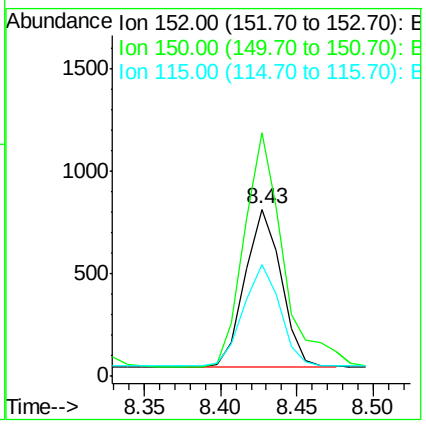


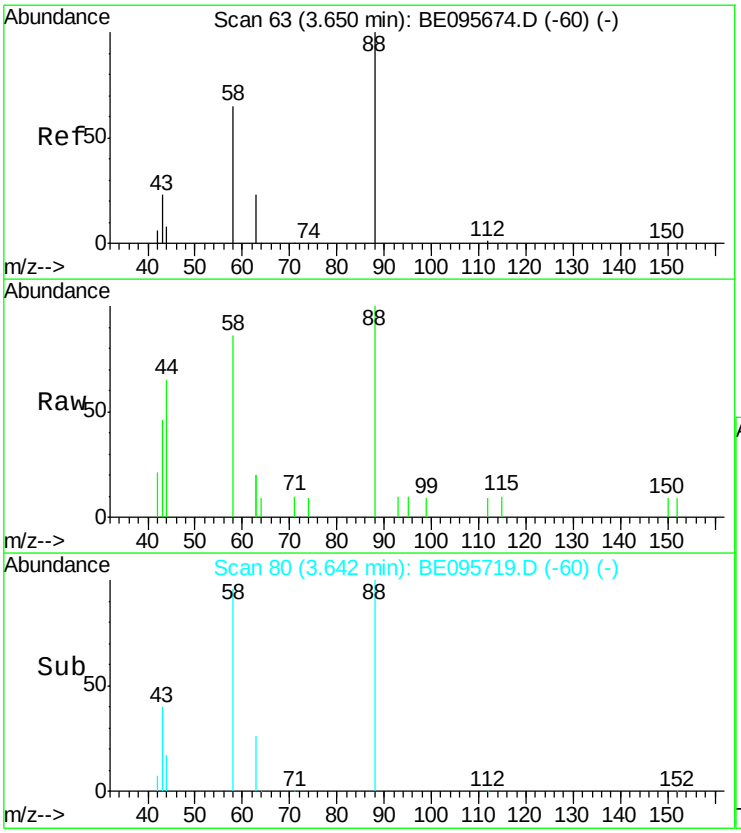
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1269

Ion	Ratio	Lower	Upper
152	100		
150	145.9	117.2	175.8
115	67.0	57.0	85.6

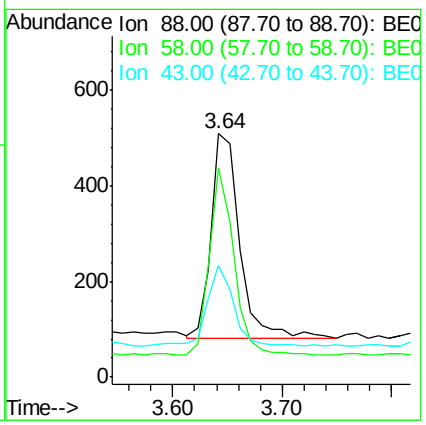


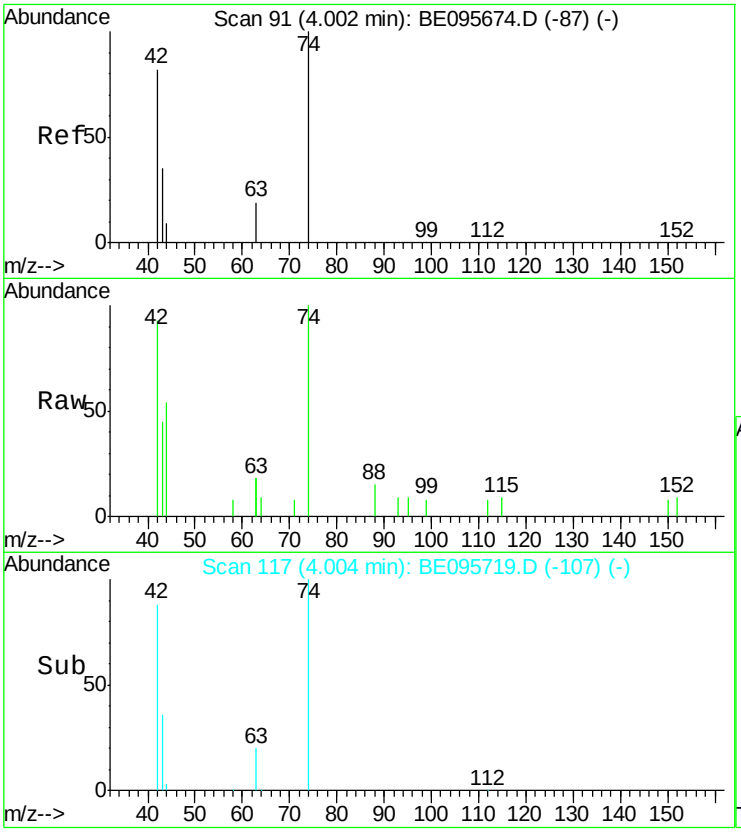


#2
1,4-Dioxane
Concen: 0.392 ng
RT: 3.64 min Scan# 80
Delta R.T. -0.01 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Tgt Ion: 88 Resp: 784

Ion	Ratio	Lower	Upper
88	100		
58	77.8	63.2	94.8
43	36.7	41.2	61.8#



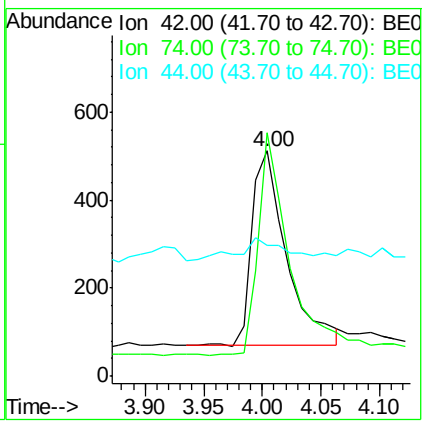


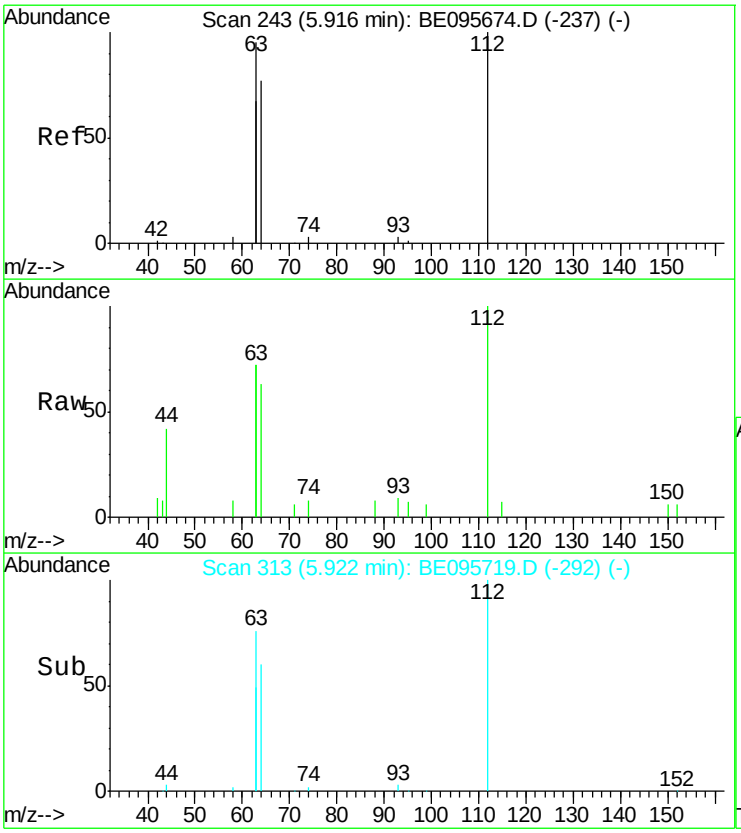
#3
n-Nitrosodimethylamine
Concen: 0.369 ng
RT: 4.00 min Scan# 117
Delta R.T. 0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 913

Ion	Ratio	Lower	Upper
42	100		
74	102.0	96.0	144.0
44	13.1	12.0	18.0

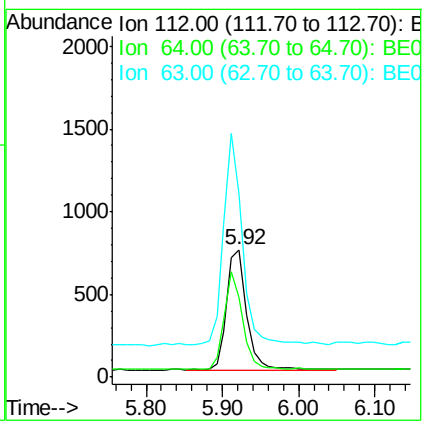


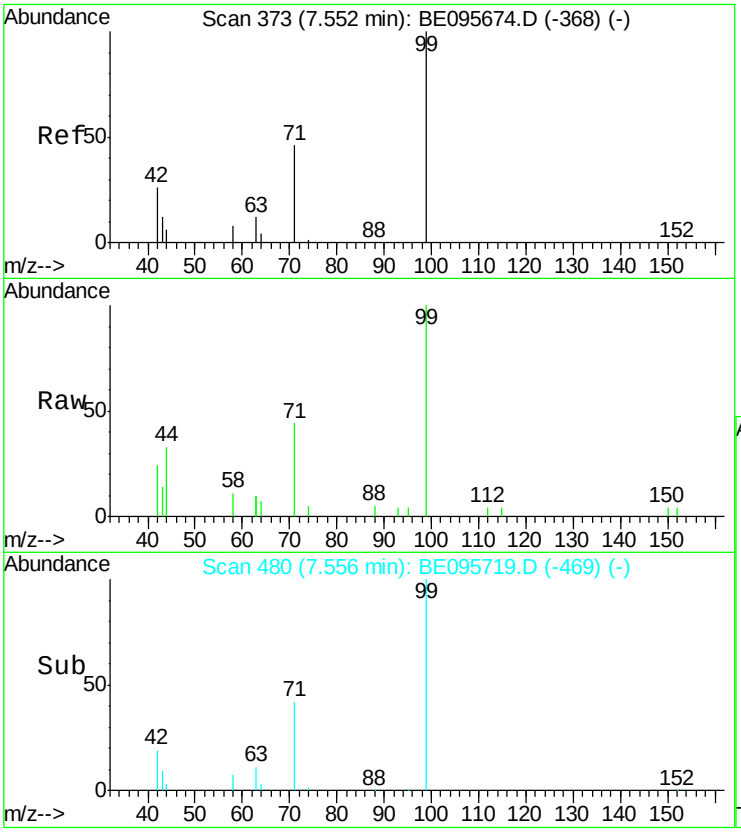


#4
2-Fluorophenol
Concen: 0.389 ng
RT: 5.92 min Scan# 313
Delta R.T. 0.01 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Tgt Ion:112 Resp: 1303

Ion	Ratio	Lower	Upper
112	100		
64	75.2	60.1	90.1
63	167.0	116.8	175.2



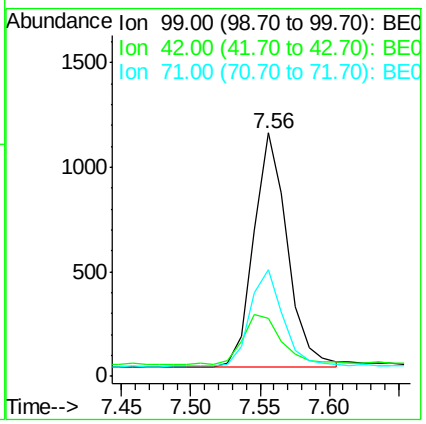


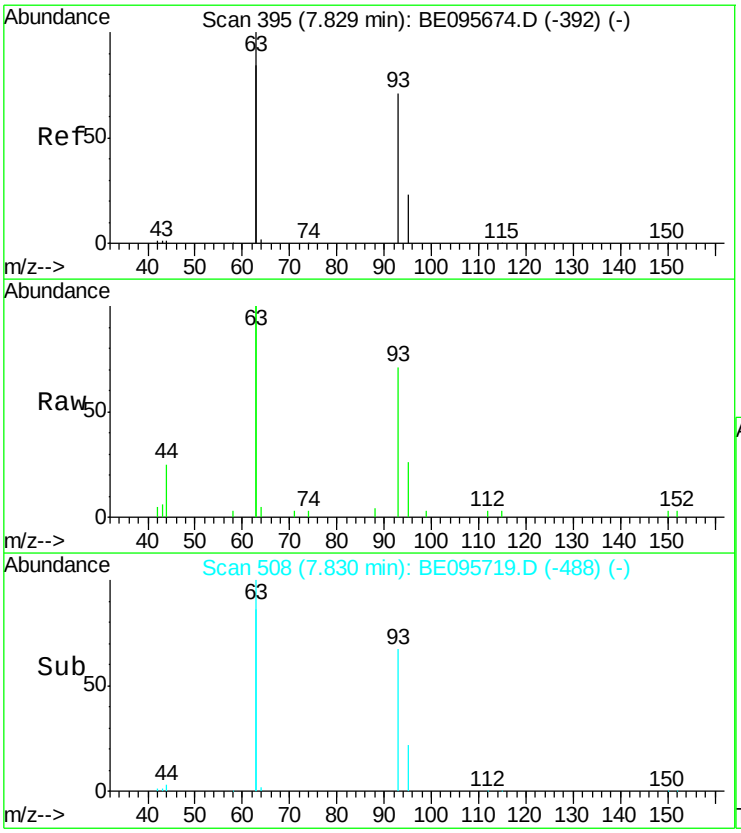
#5
Phenol-d6
Concen: 0.409 ng
RT: 7.56 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1897

Ion	Ratio	Lower	Upper
99	100		
42	24.1	20.2	30.2
71	41.7	28.4	42.6

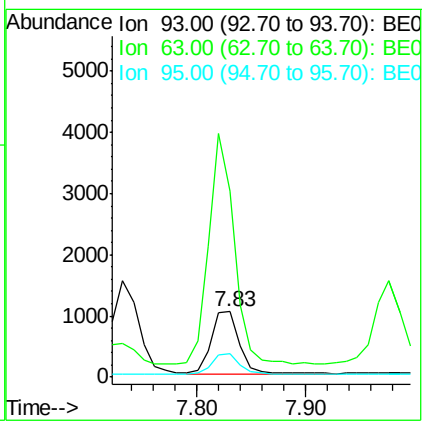


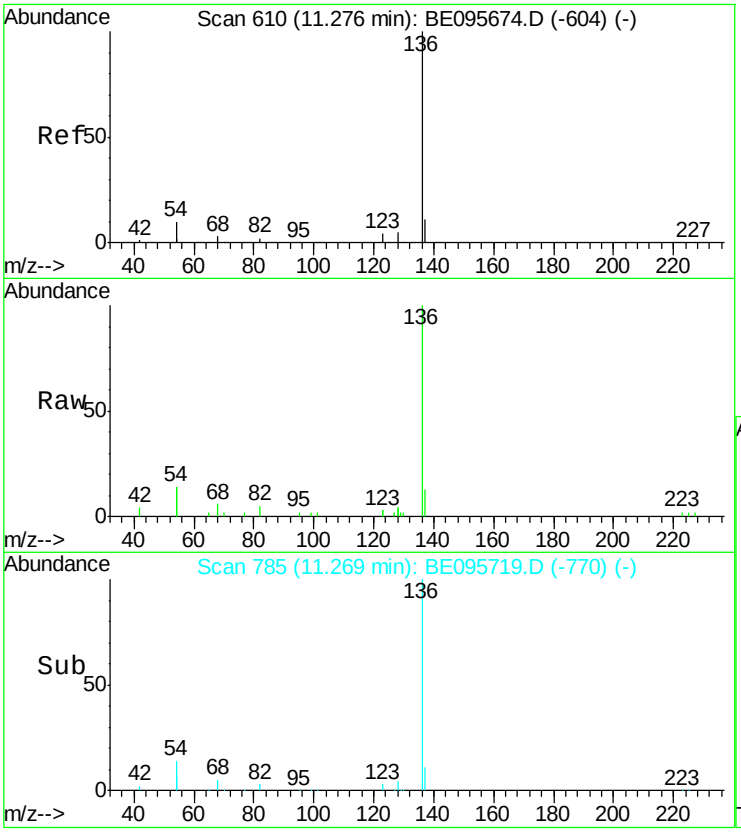


#6
bis(2-Chloroethyl)ether
Concen: 0.382 ng
RT: 7.83 min Scan# 508
Delta R.T. 0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Tgt Ion: 93 Resp: 1818

Ion	Ratio	Lower	Upper
93	100		
63	336.0	275.3	412.9
95	33.1	25.2	37.8



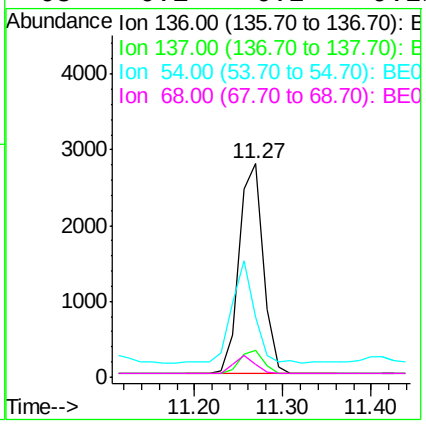


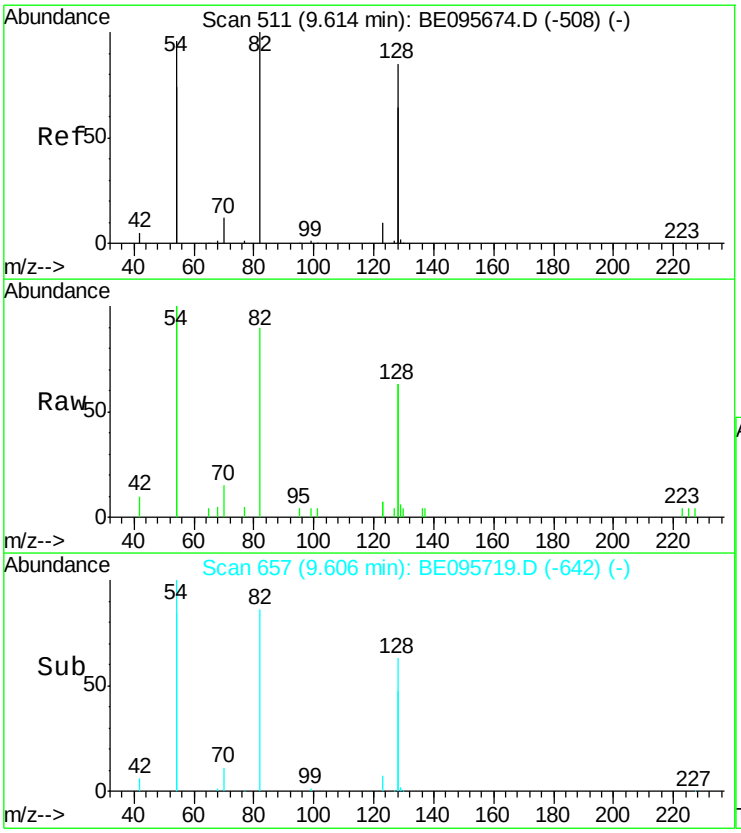
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.27 min Scan# 785
Delta R.T. -0.01 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5248

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	28.3	29.1	43.7#
68	6.1	6.2	9.2#

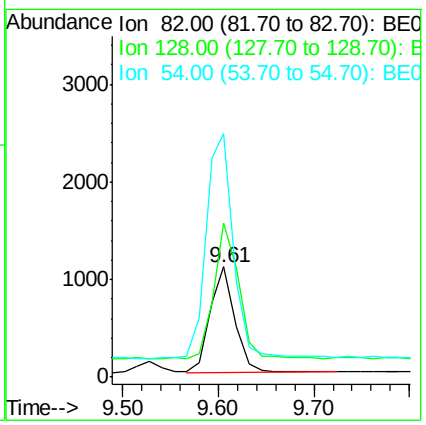


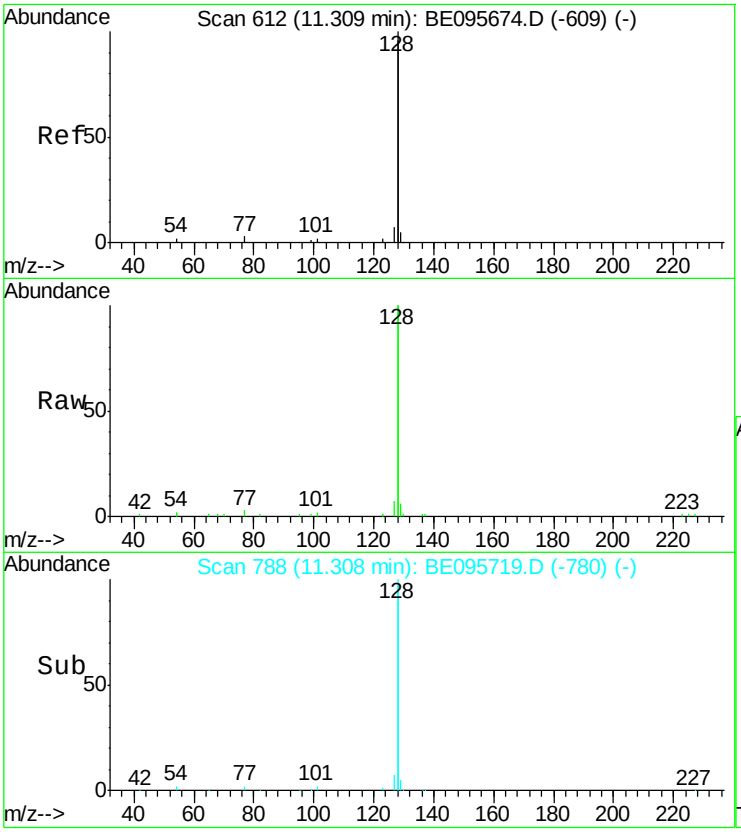


#8
Nitrobenzene-d5
Concen: 0.359 ng
RT: 9.61 min Scan# 657
Delta R.T. -0.01 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Tgt Ion: 82 Resp: 1939

Ion	Ratio	Lower	Upper
82	100		
128	140.0	150.0	225.0#
54	221.3	154.2	231.4



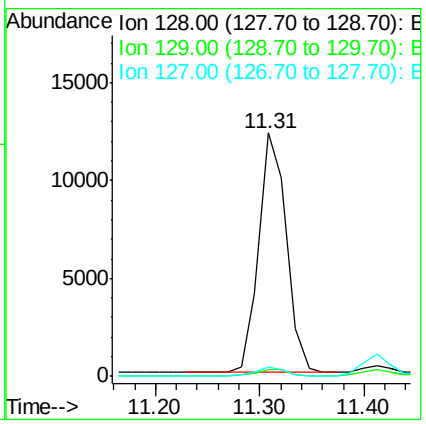


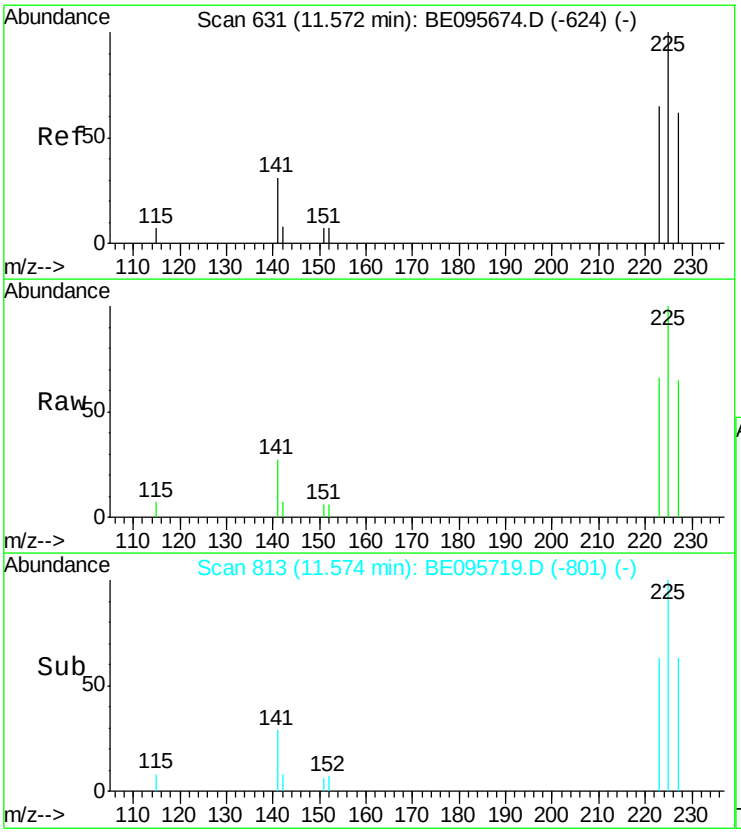
#9
Naphthalene
Concen: 0.376 ng
RT: 11.31 min Scan# 788
Delta R.T. -0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 22743

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	3.8
127	3.7	2.8	4.2

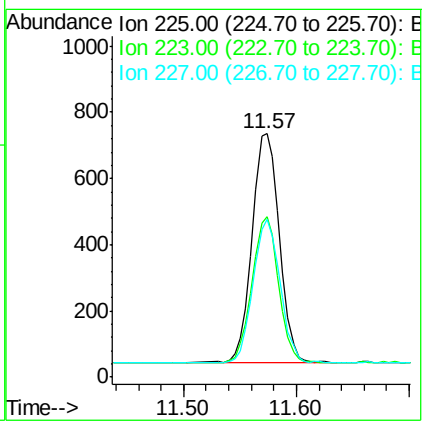


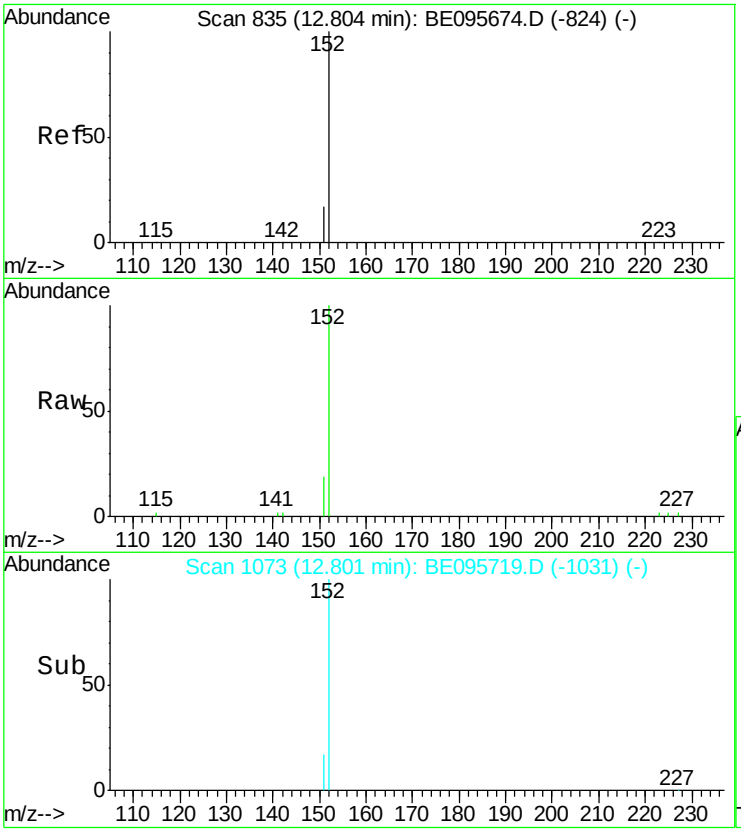


#10
Hexachlorobutadiene
Concen: 0.398 ng
RT: 11.57 min Scan# 813
Delta R.T. 0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Tgt Ion:225 Resp: 1404

Ion	Ratio	Lower	Upper
225	100		
223	62.0	53.0	79.6
227	62.8	51.4	77.2



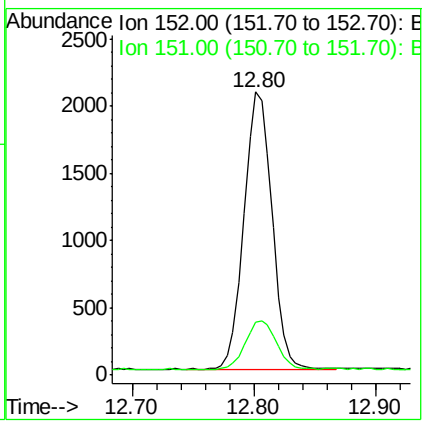


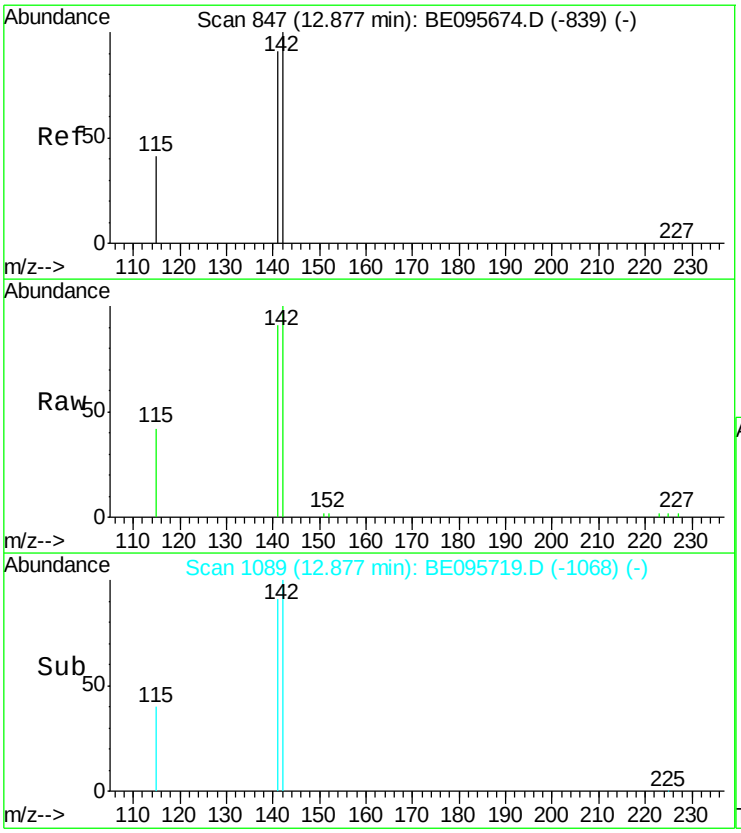
#11
2-Methylnaphthalene-d10
Concen: 0.376 ng
RT: 12.80 min Scan# 1073
Delta R.T. -0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3298

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0

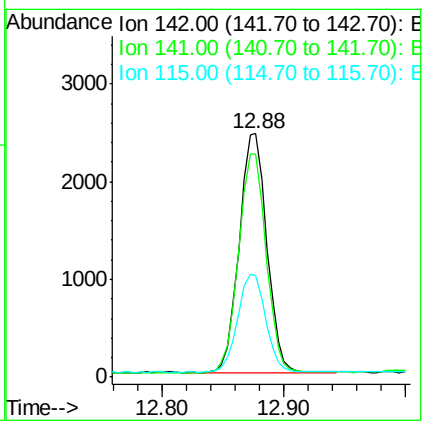


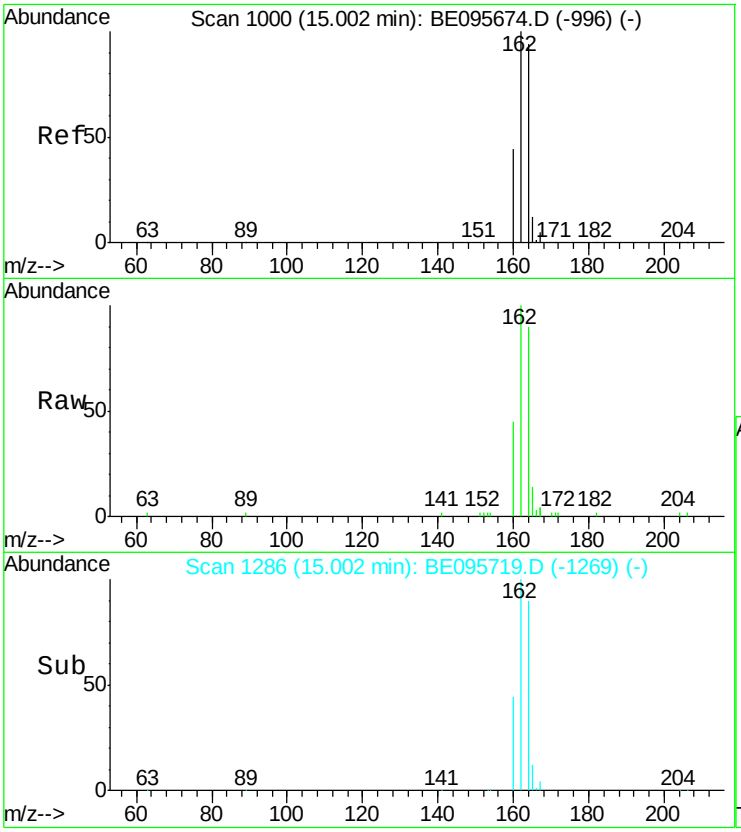


#12
2-Methylnaphthalene
Concen: 0.370 ng
RT: 12.88 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Tgt Ion:142 Resp: 3866

Ion	Ratio	Lower	Upper
142	100		
141	91.5	70.4	105.6
115	41.7	31.7	47.5



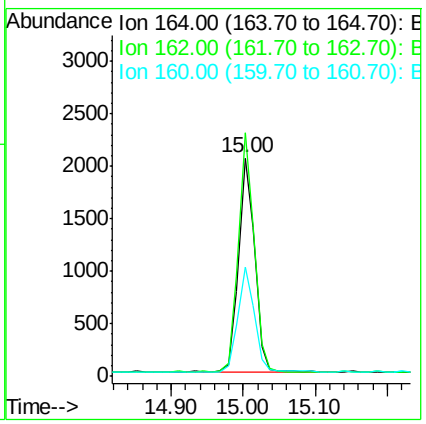


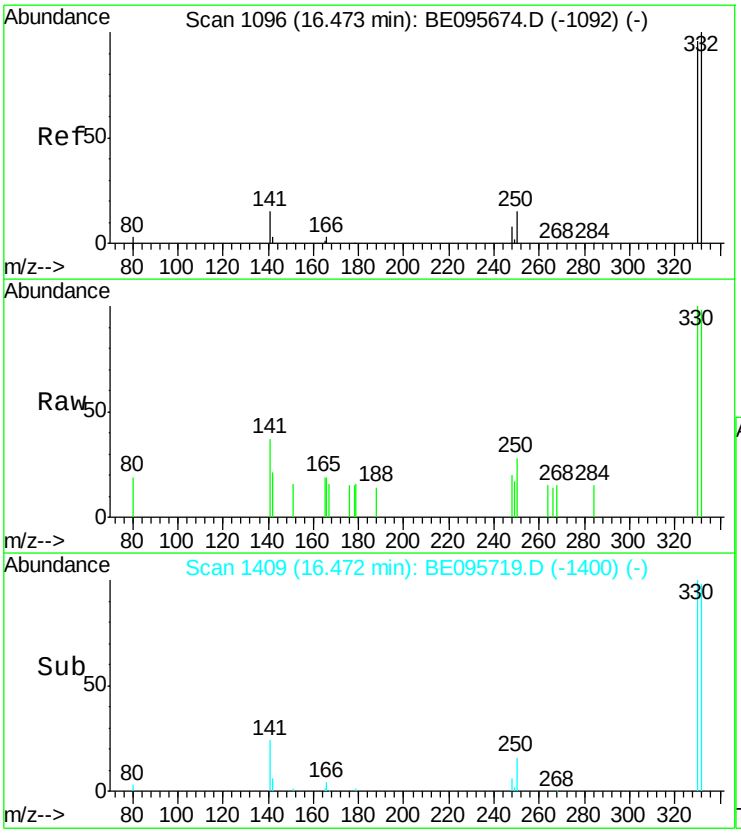
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3131

Ion	Ratio	Lower	Upper
164	100		
162	111.4	83.1	124.7
160	50.0	37.1	55.7

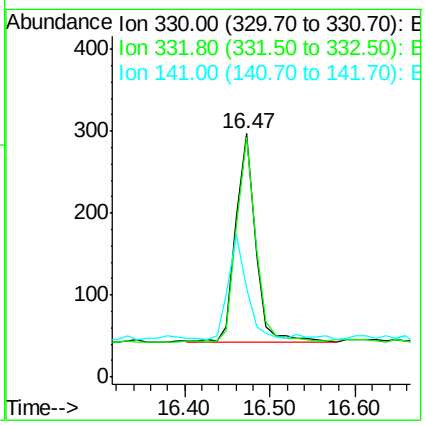


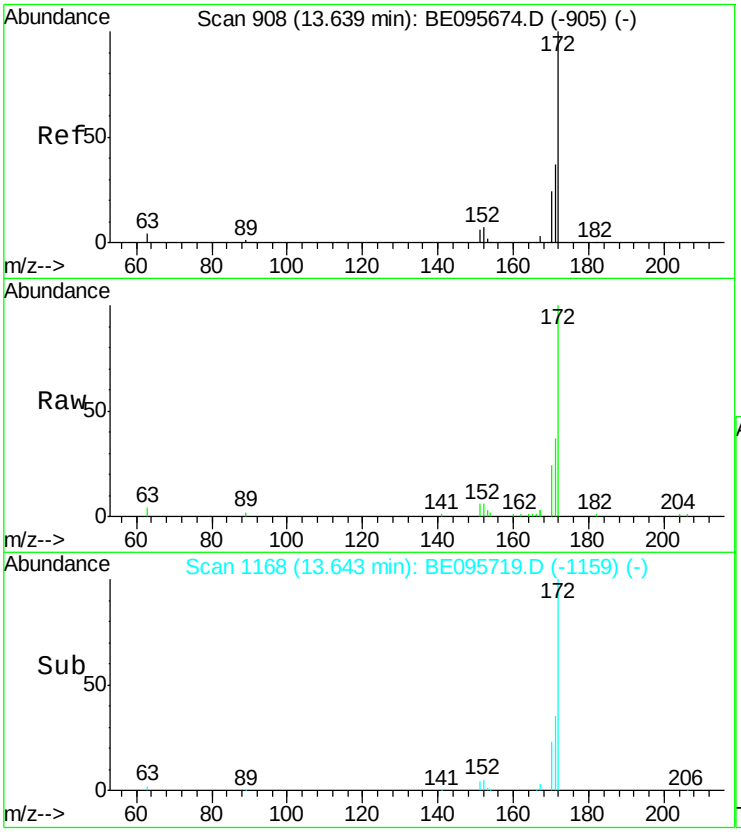


#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 16.47 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Tgt Ion:330 Resp: 406

Ion	Ratio	Lower	Upper
330	100		
332	96.6	152.7	229.1#
141	47.8	33.7	50.5



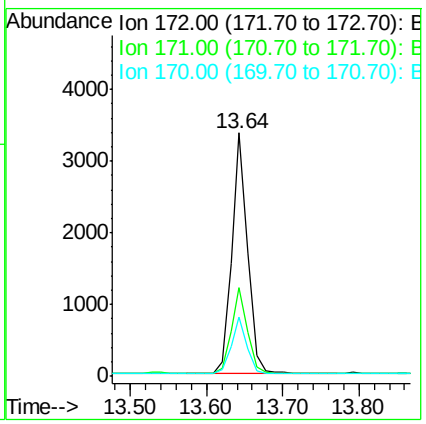


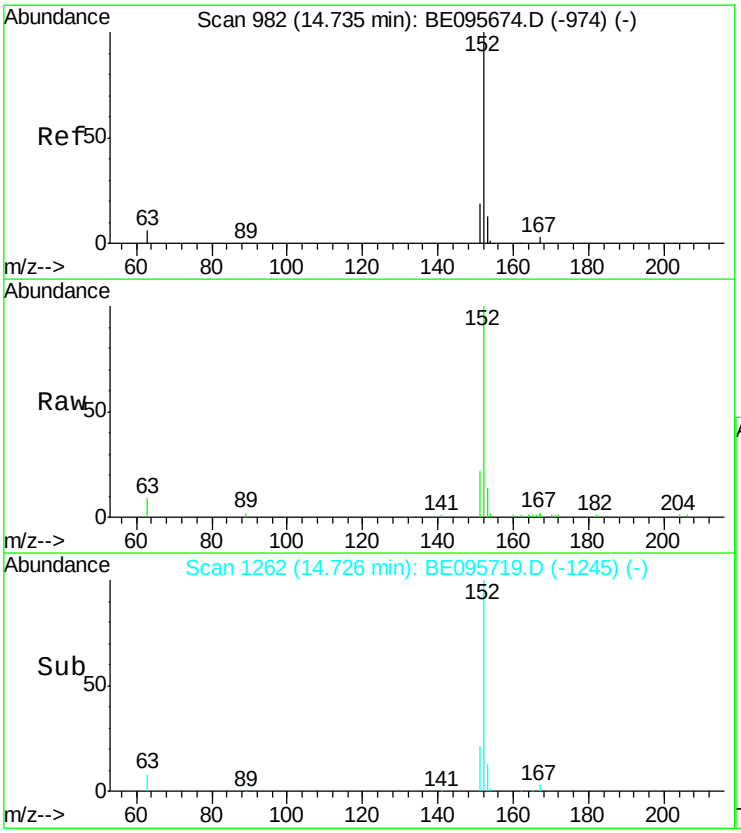
#15
2-Fluorobiphenyl
Concen: 0.348 ng
RT: 13.64 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4874

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	24.2	21.8	32.8

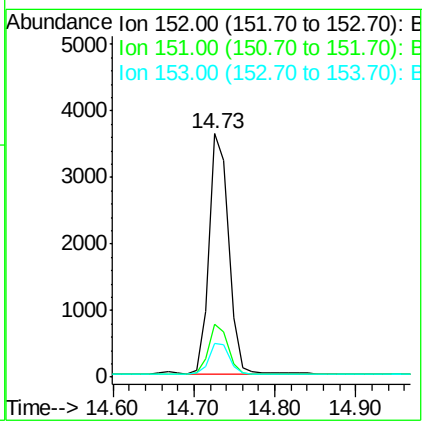


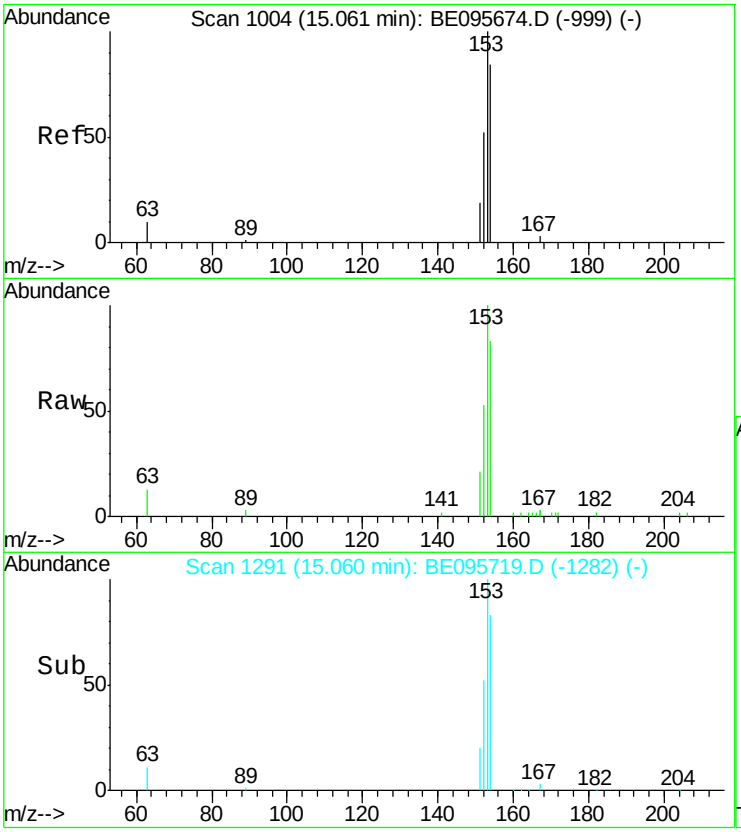


#16
Acenaphthylene
Concen: 0.347 ng
RT: 14.73 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Tgt Ion:152 Resp: 6106

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.7	23.5
153	13.6	10.5	15.7



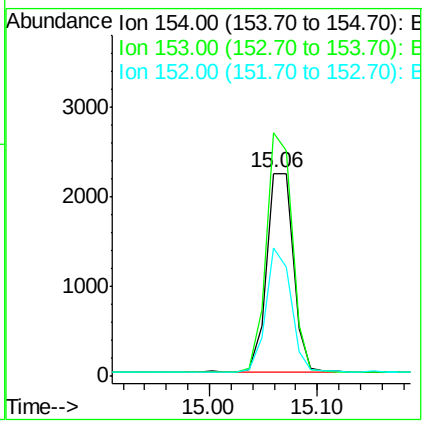


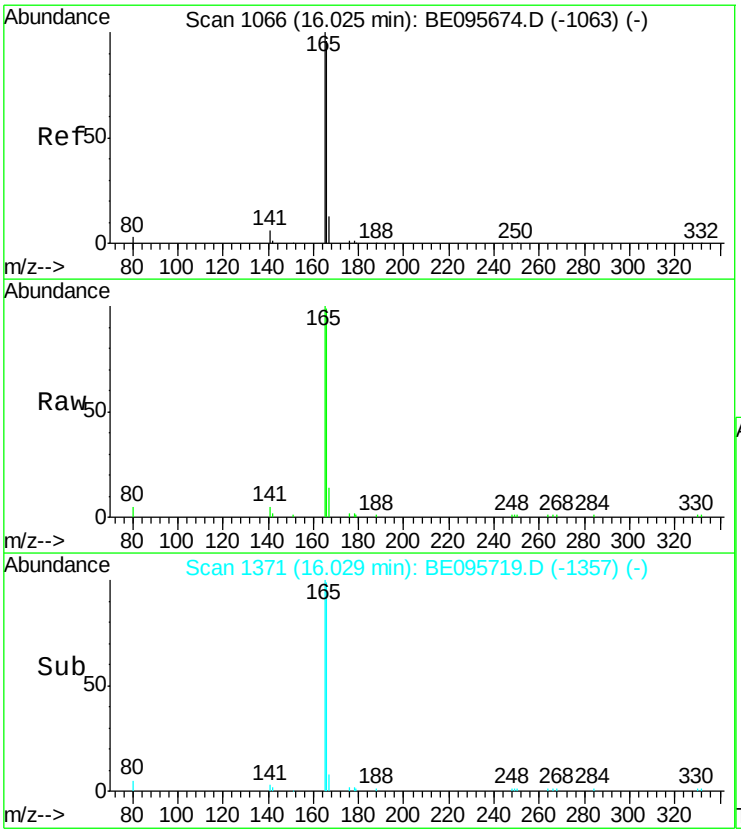
#17
Acenaphthene
Concen: 0.348 ng
RT: 15.06 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3849

Ion	Ratio	Lower	Upper
154	100		
153	116.5	89.2	133.8
152	58.1	42.0	63.0

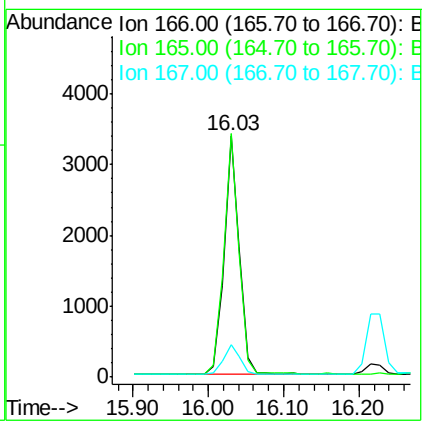


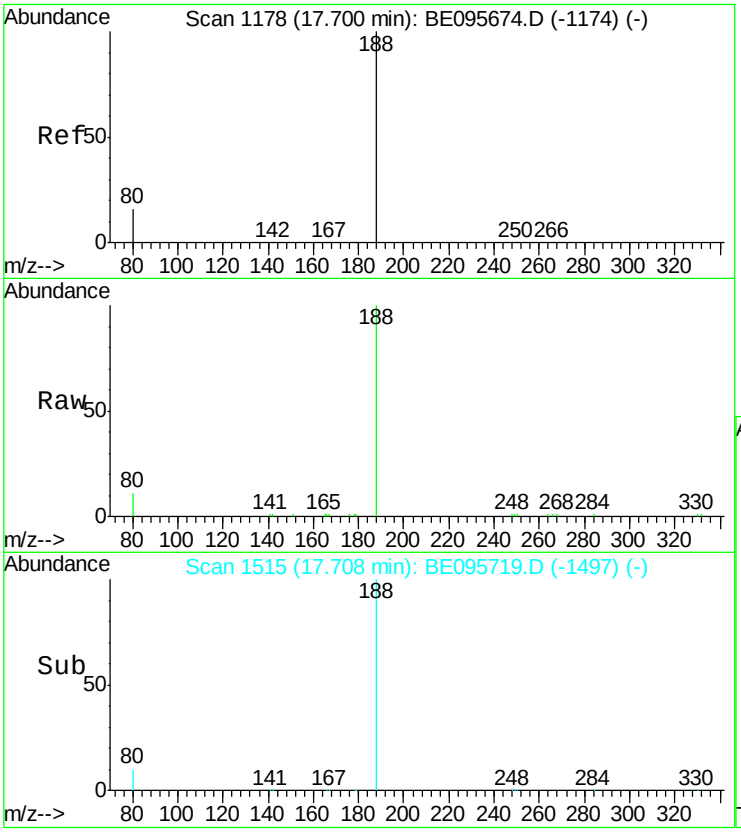


#18
Fluorene
Concen: 0.349 ng
RT: 16.03 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Tgt Ion:166 Resp: 4774

Ion	Ratio	Lower	Upper
166	100		
165	100.1	77.8	116.6
167	13.1	42.4	63.6#



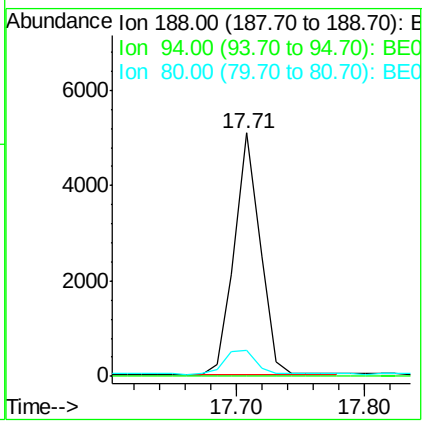


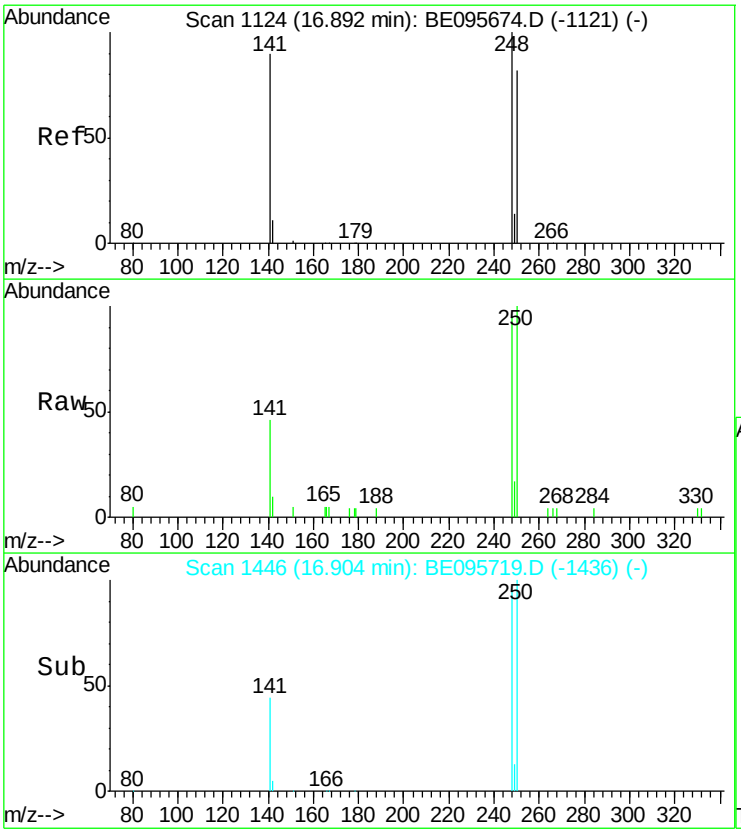
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 7099

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	10.9	3.6	5.4#

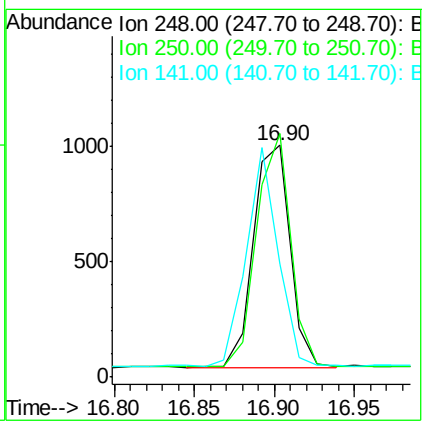


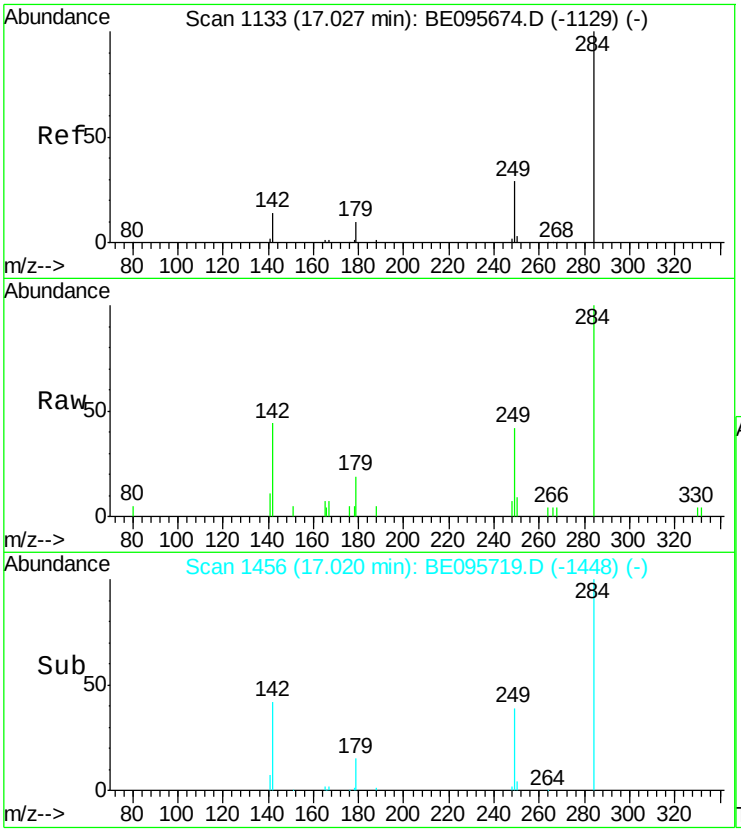


#20
4-Bromophenyl-phenylether
Concen: 0.344 ng
RT: 16.90 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Tgt Ion:248 Resp: 1531

Ion	Ratio	Lower	Upper
248	100		
250	105.2	62.7	94.1#
141	48.8	48.2	72.2



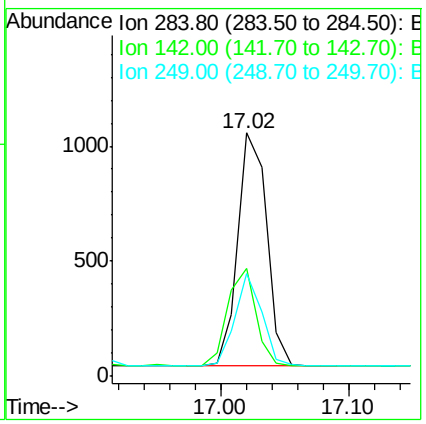


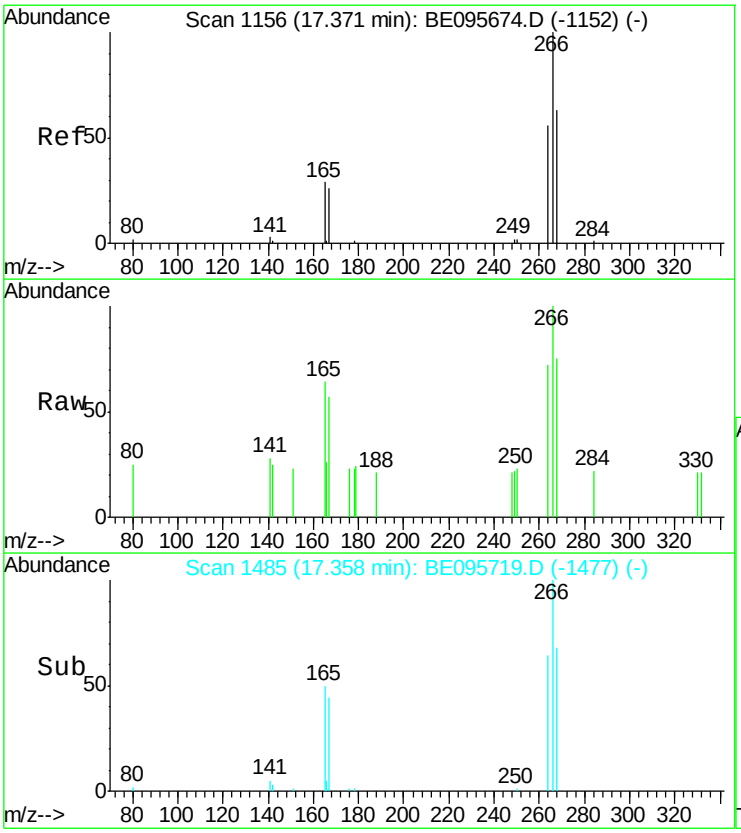
#21
Hexachlorobenzene
Concen: 0.344 ng
RT: 17.02 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1588

Ion	Ratio	Lower	Upper
284	100		
142	41.6	22.1	33.1#
249	36.7	34.8	52.2

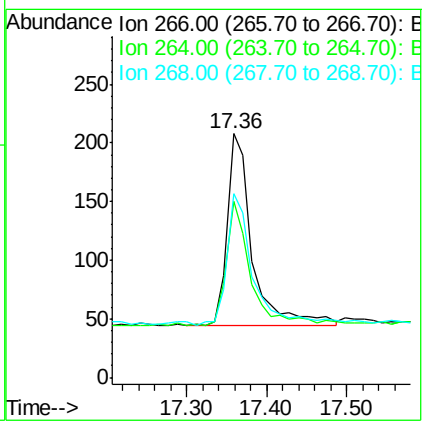


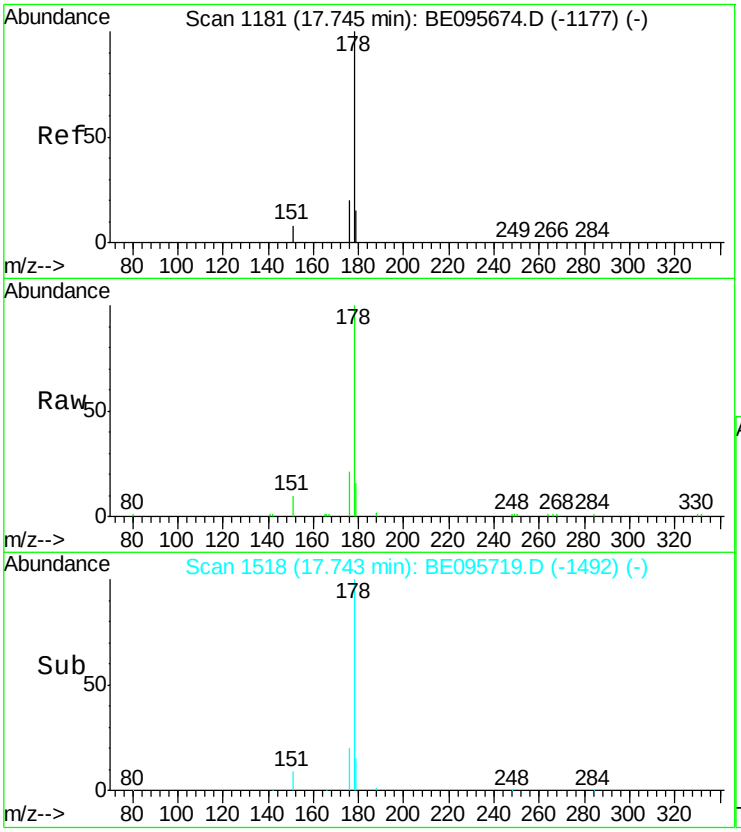


#22
Pentachlorophenol
Concen: 0.389 ng
RT: 17.36 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Tgt Ion:266 Resp: 357

Ion	Ratio	Lower	Upper
266	100		
264	72.1	72.5	108.7#
268	75.5	73.8	110.6



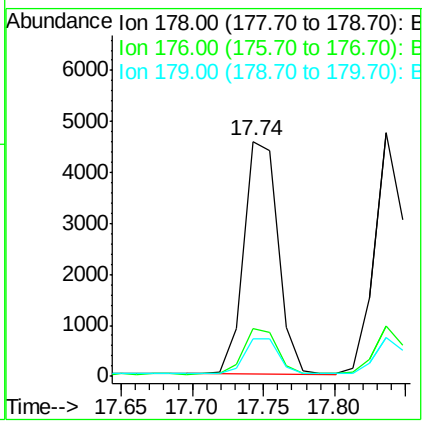


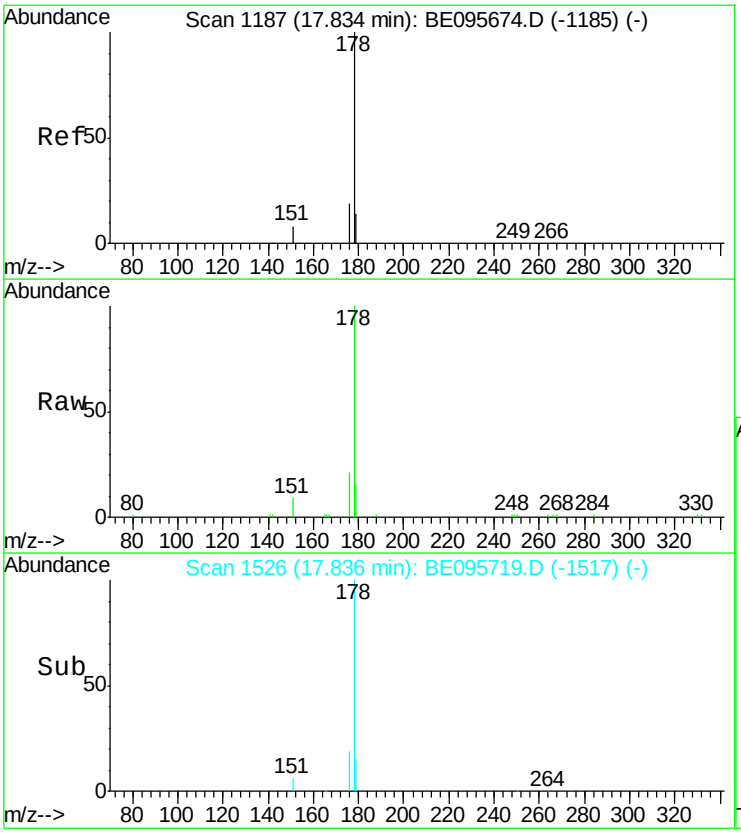
#23
Phenanthrene
Concen: 0.346 ng
RT: 17.74 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7677

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.2	11.8	17.6

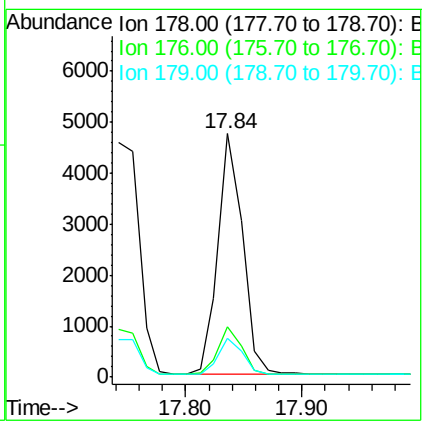


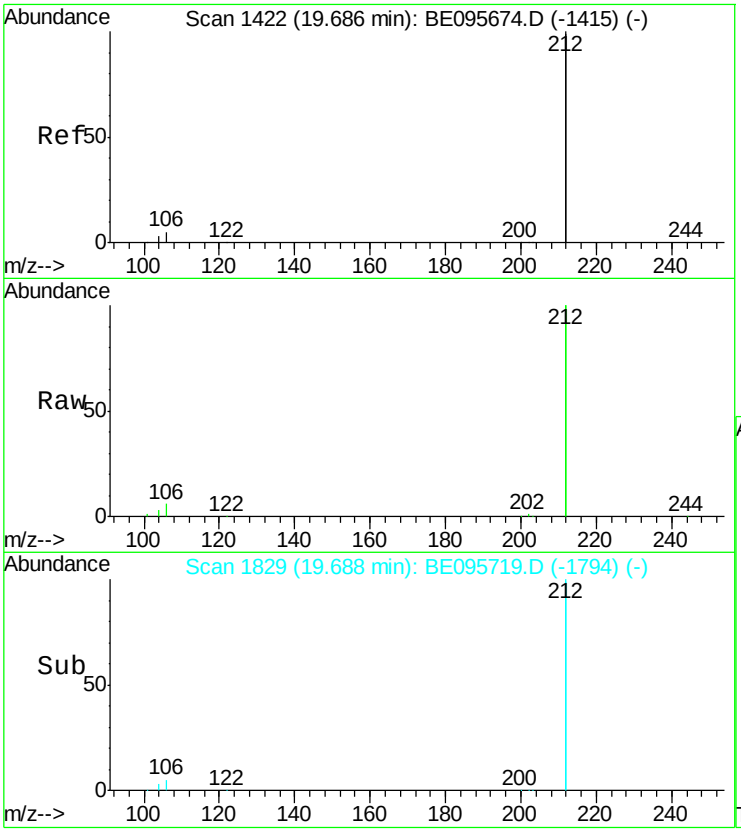


#24
Anthracene
Concen: 0.339 ng
RT: 17.84 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Tgt Ion:178 Resp: 6911

Ion	Ratio	Lower	Upper
178	100		
176	19.5	12.8	19.2#
179	15.6	13.0	19.6



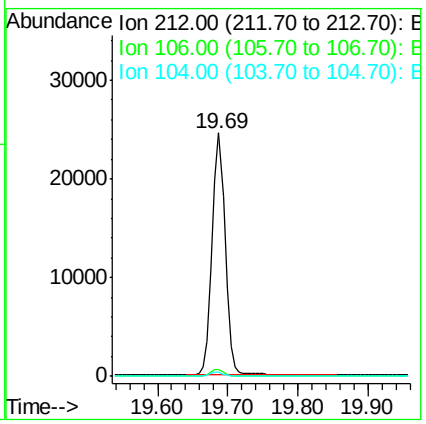


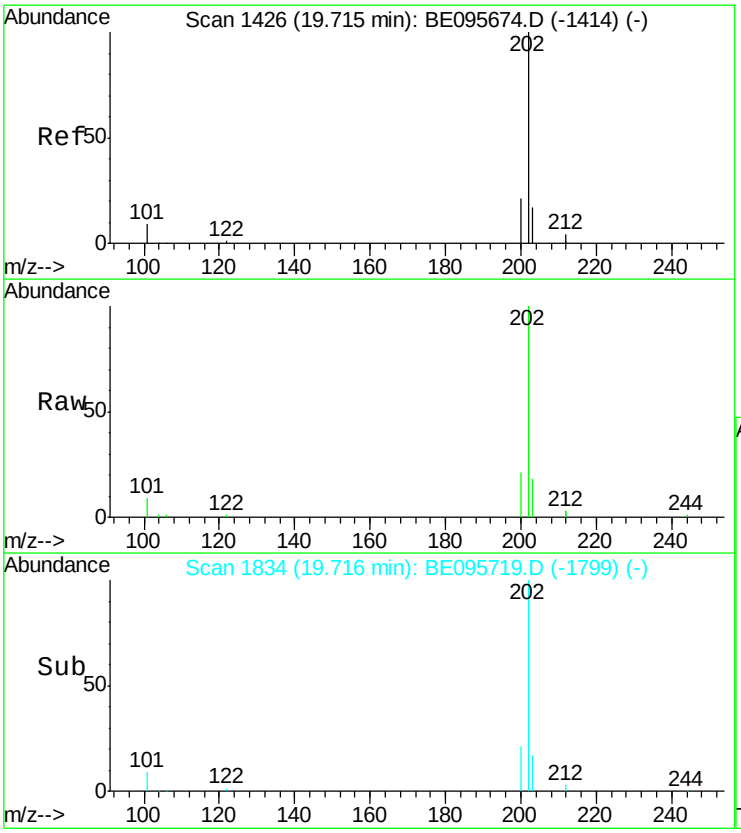
#25
Fluoranthene-d10
Concen: 0.337 ng
RT: 19.69 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 31214

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.8	4.2
104	1.7	1.6	2.4

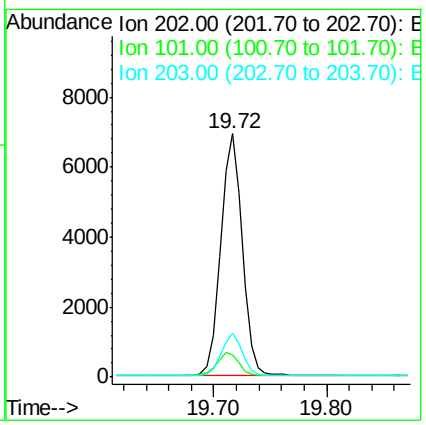


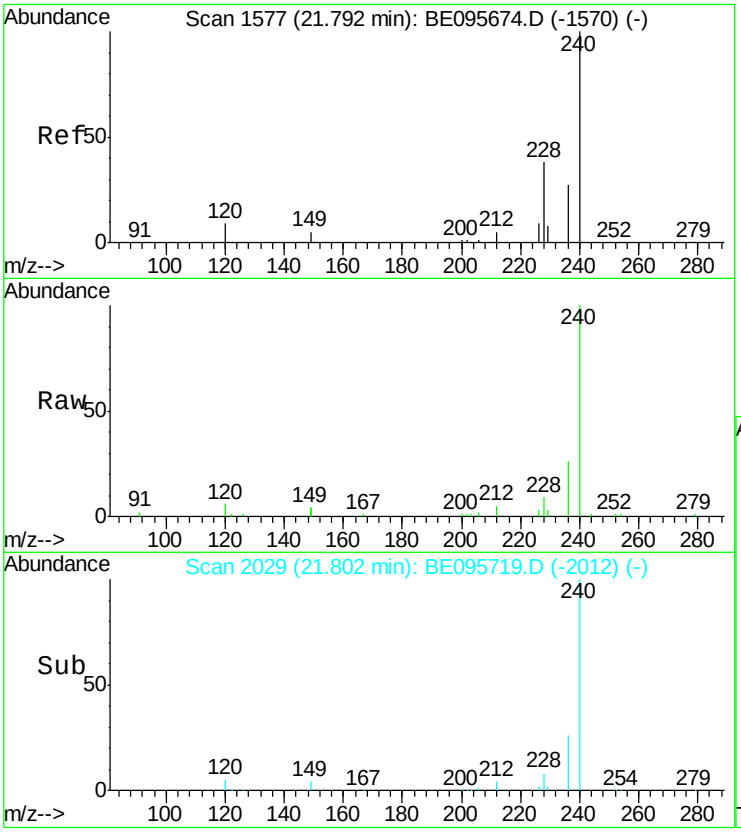


#26
Fluoranthene
Concen: 0.336 ng
RT: 19.72 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Tgt Ion:202 Resp: 9183

Ion	Ratio	Lower	Upper
202	100		
101	9.8	9.8	14.8#
203	17.0	13.7	20.5



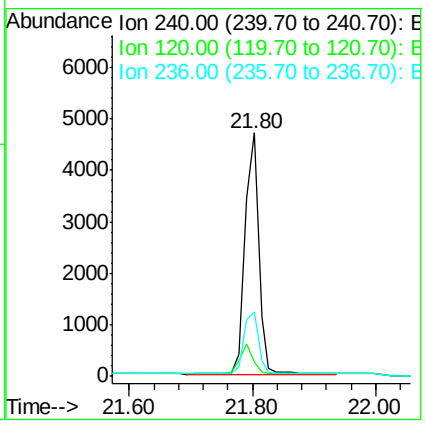


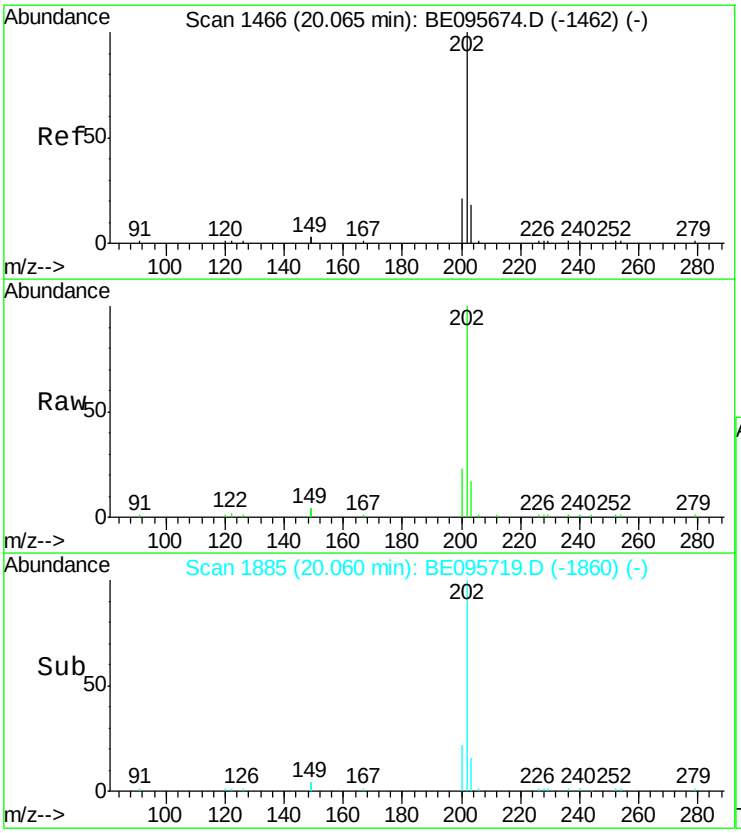
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.80 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7200

Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.5	8.3
236	26.5	20.7	31.1

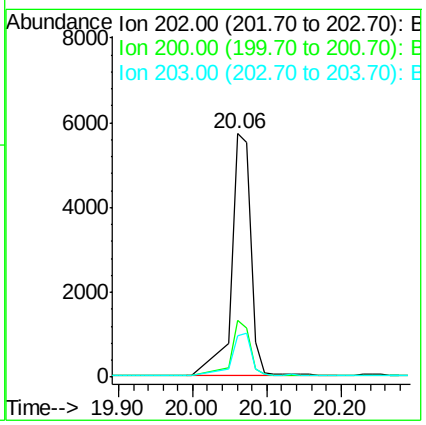


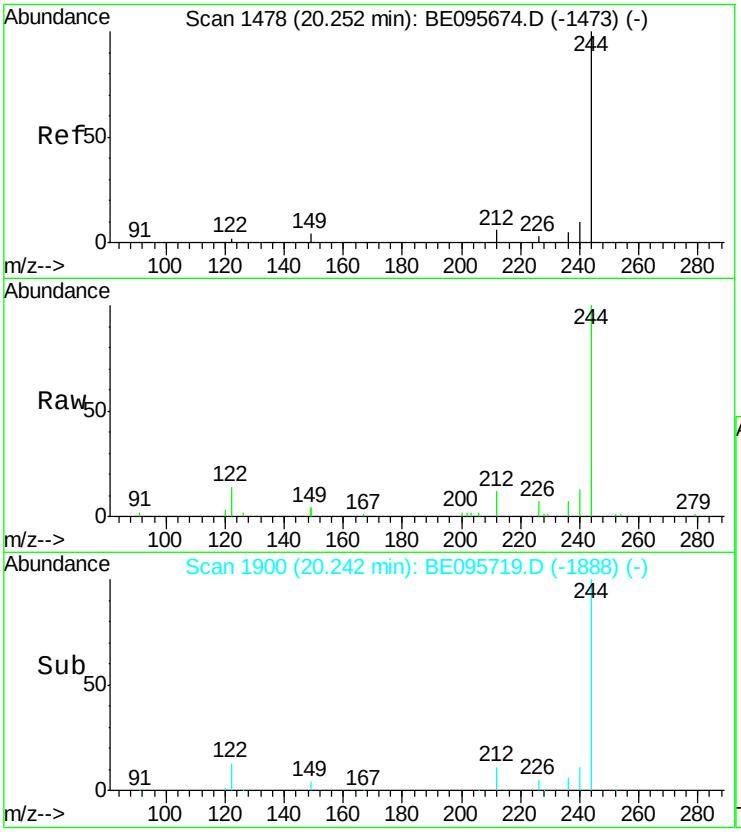


#28
Pyrene
Concen: 0.377 ng
RT: 20.06 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Tgt Ion:202 Resp: 11100

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	16.3	13.8	20.8



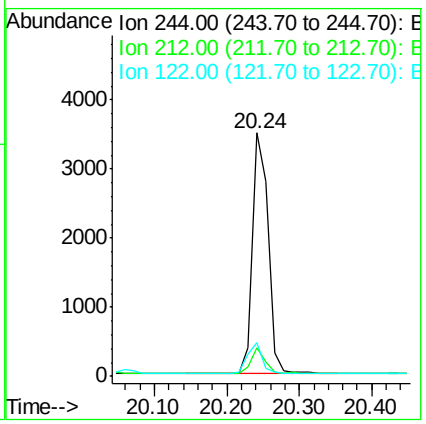


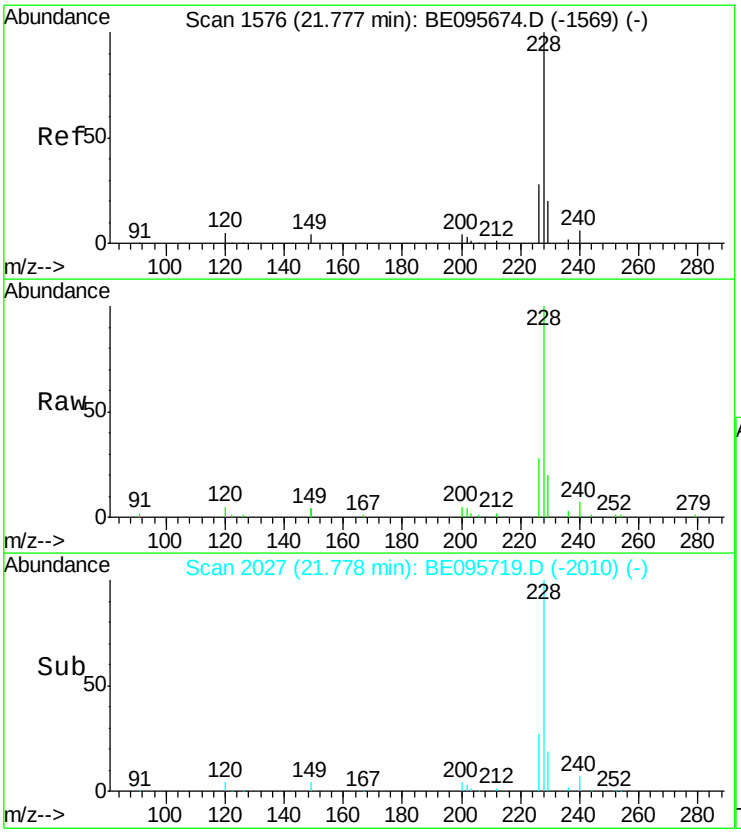
#29
Terphenyl-d14
Concen: 0.355 ng
RT: 20.24 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 5088

Ion	Ratio	Lower	Upper
244	100		
212	11.8	25.4	38.0#
122	14.1	8.1	12.1#

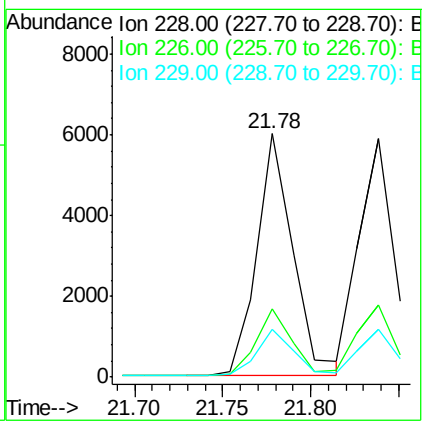


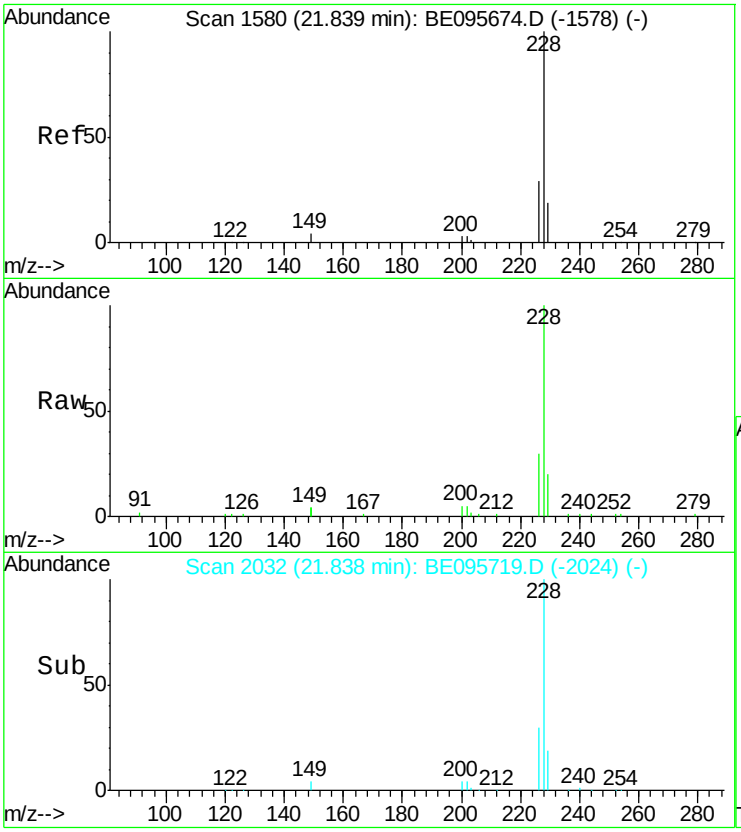


#30
Benzo(a)anthracene
Concen: 0.359 ng
RT: 21.78 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Tgt Ion:228 Resp: 8438

Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.0	36.0
229	19.7	16.0	24.0



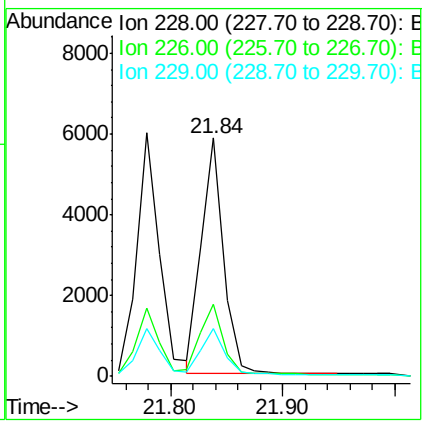


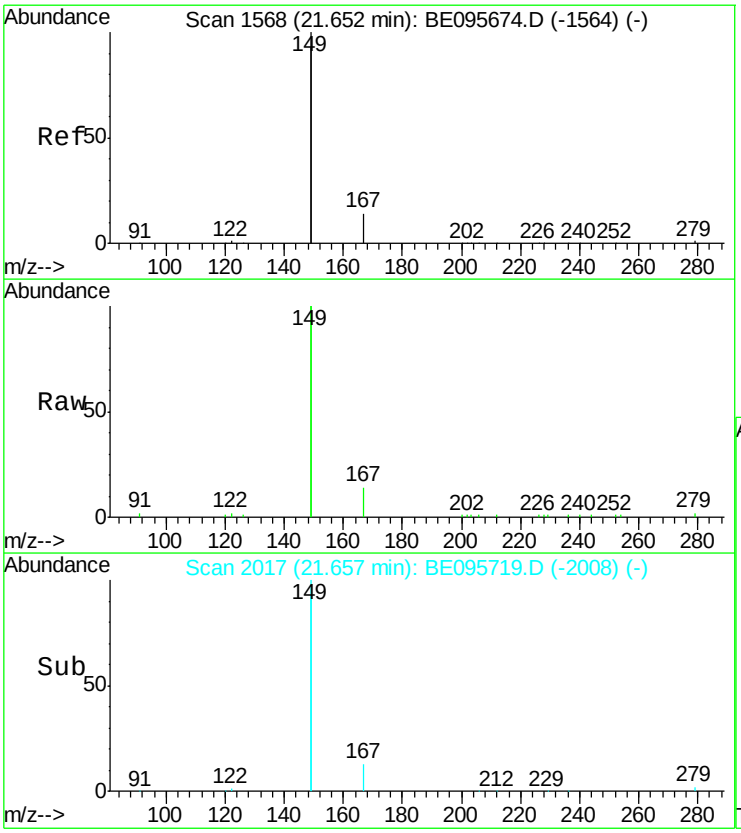
#31
Chrysene
Concen: 0.345 ng
RT: 21.84 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 8062

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	20.0	16.0	24.0

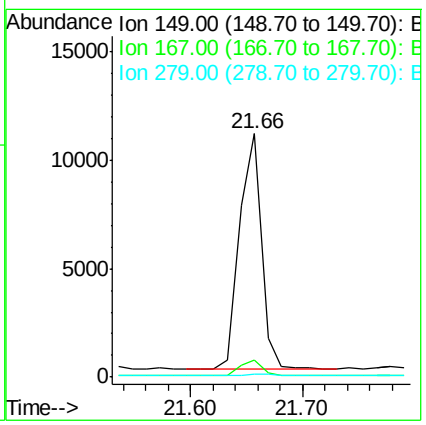


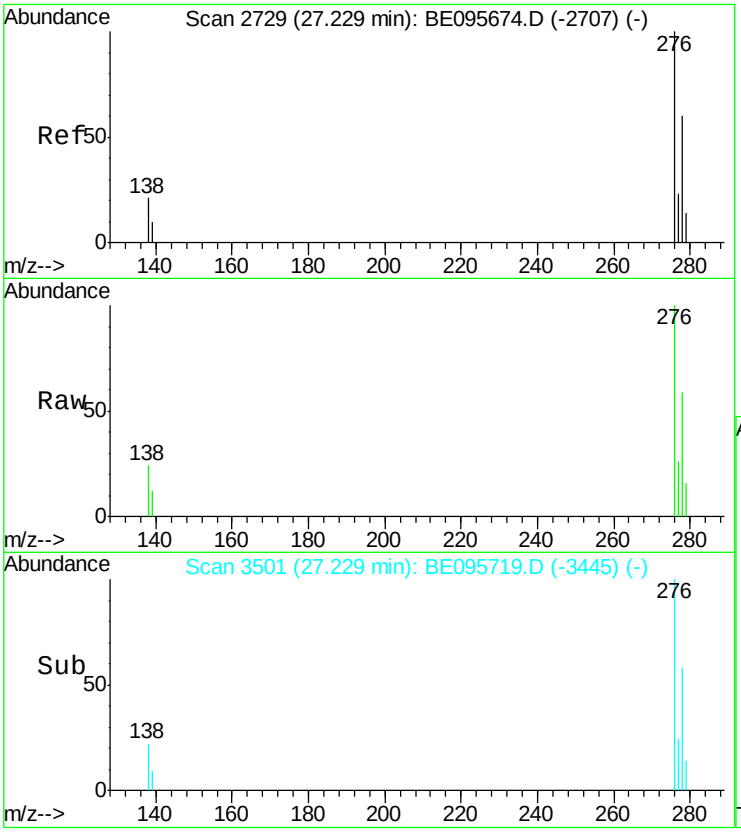


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.358 ng
RT: 21.66 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Tgt Ion:149 Resp: 14863

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.0	0.7	1.1



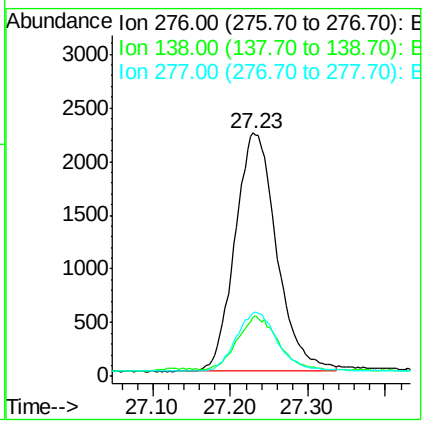


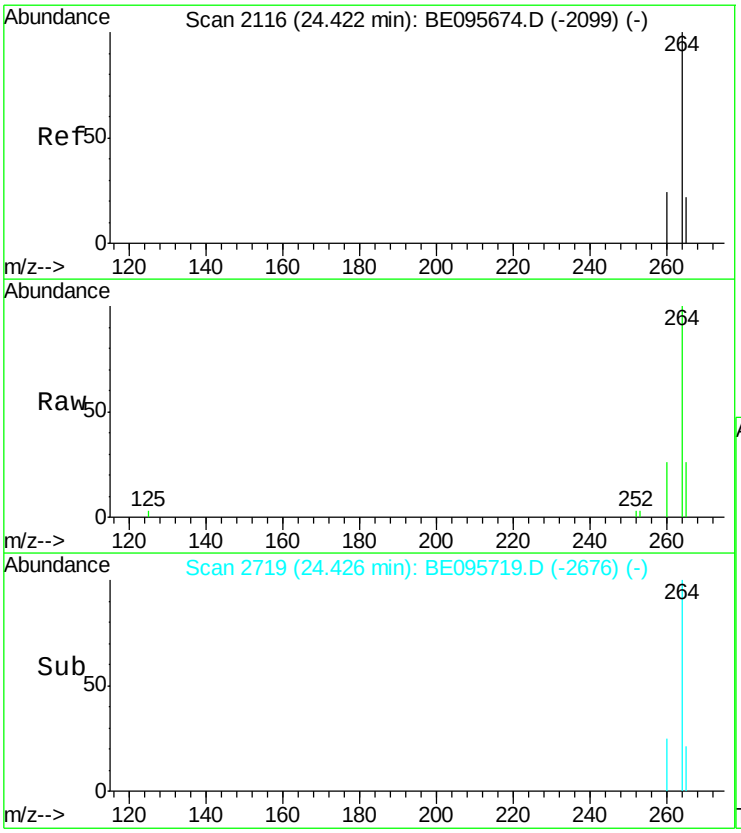
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.367 ng
RT: 27.23 min Scan# 3501
Delta R.T. 0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8317

Ion	Ratio	Lower	Upper
276	100		
138	21.6	22.5	33.7#
277	24.8	19.9	29.9

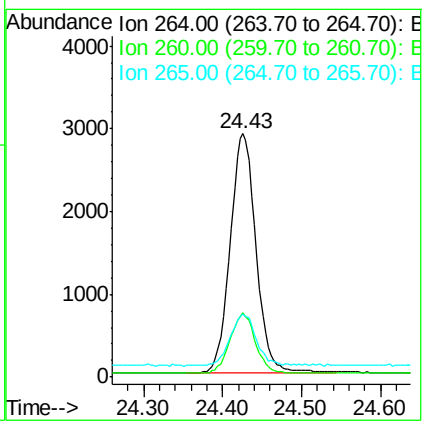


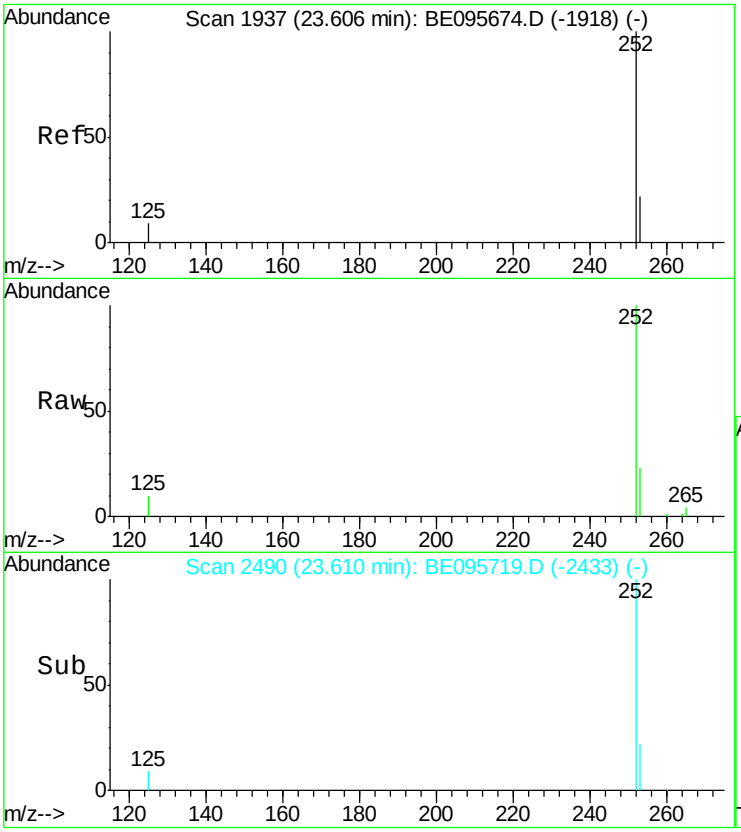


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2719
Delta R.T. 0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Tgt Ion:264 Resp: 6583

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.5	30.7
265	25.7	22.8	34.2



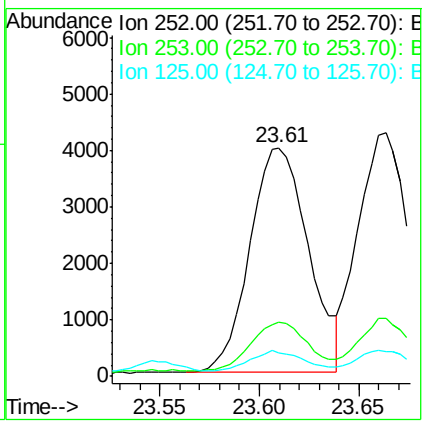


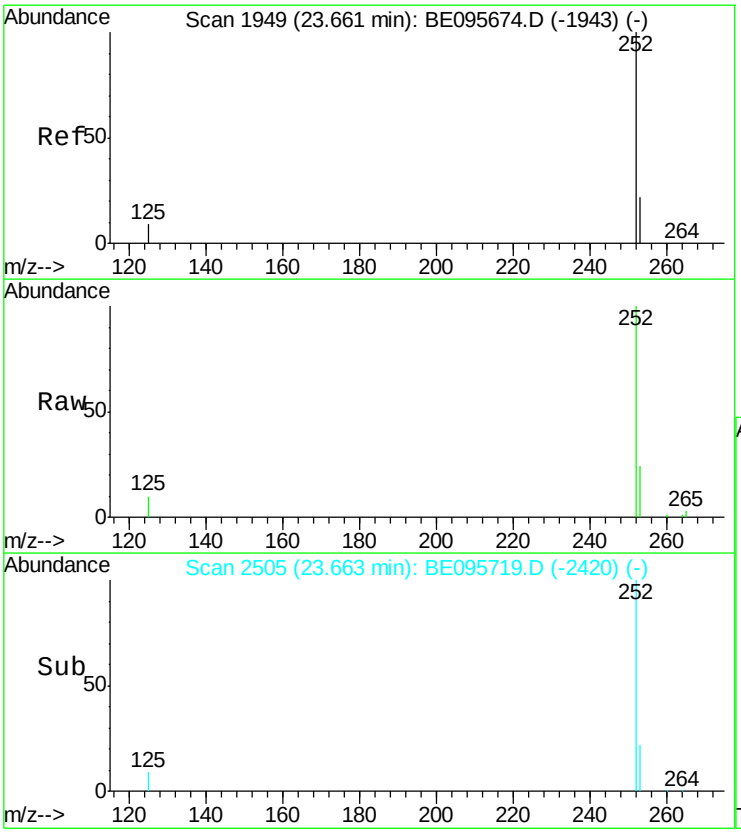
#35
Benzo(b)fluoranthene
Concen: 0.347 ng
RT: 23.61 min Scan# 2490
Delta R.T. 0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8130

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.0	30.0
125	10.5	16.0	24.0#

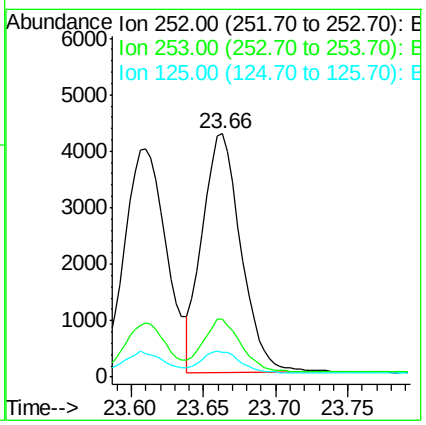


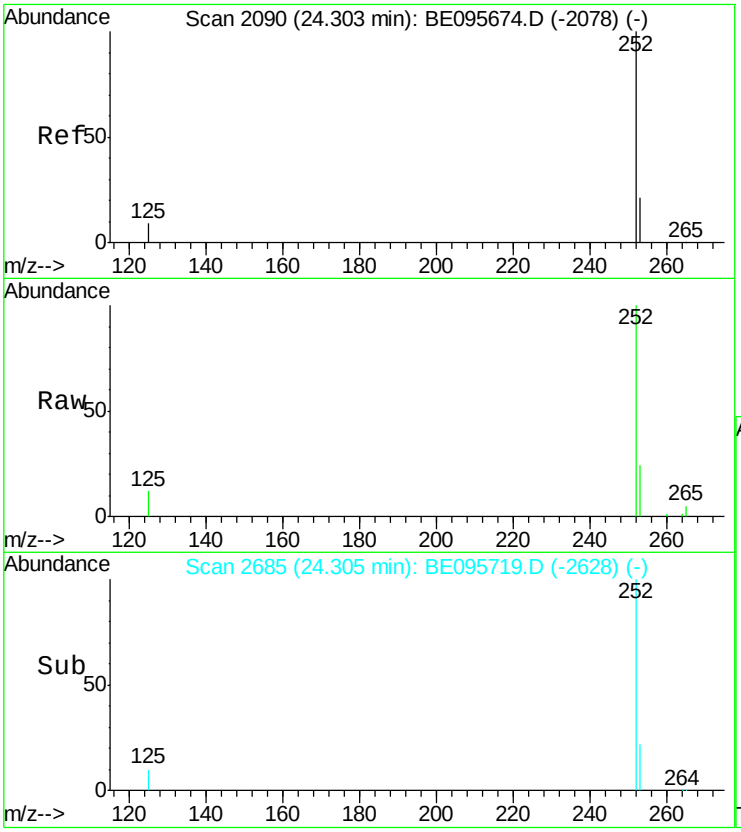


#36
Benzo(k)fluoranthene
Concen: 0.335 ng
RT: 23.66 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Tgt Ion:252 Resp: 7824

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.0	24.0
125	10.3	8.0	12.0



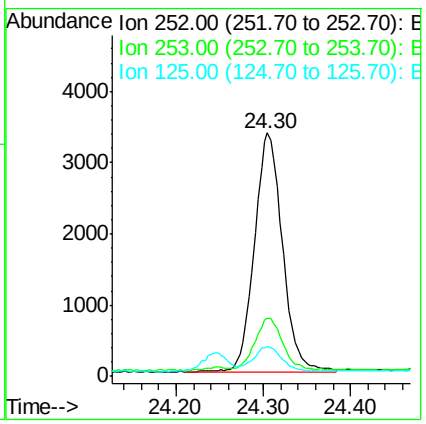


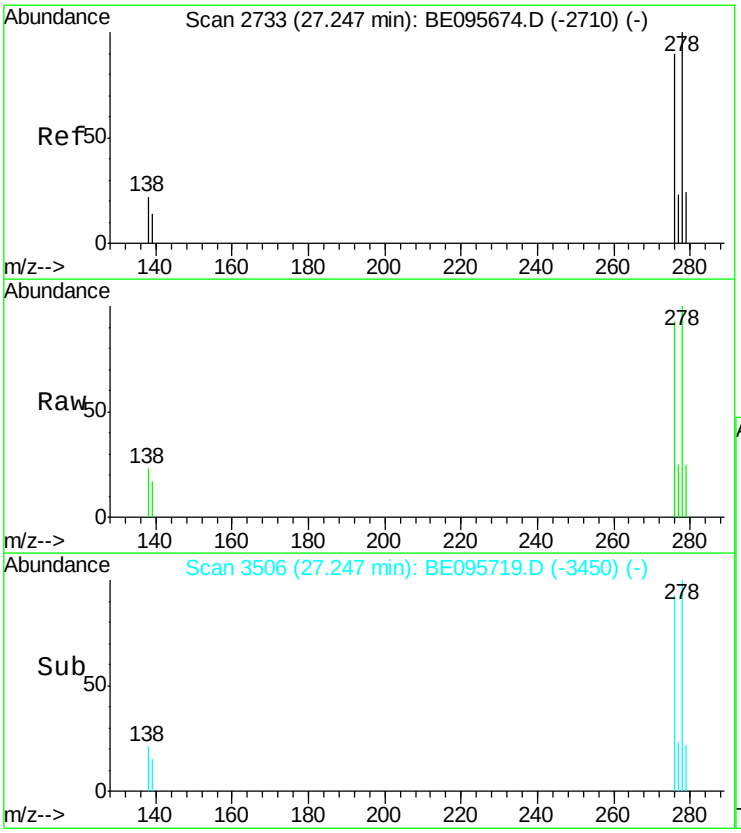
#37
Benzo(a)pyrene
Concen: 0.354 ng
RT: 24.30 min Scan# 2685
Delta R.T. 0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7481

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.0	24.0
125	12.1	12.0	18.0

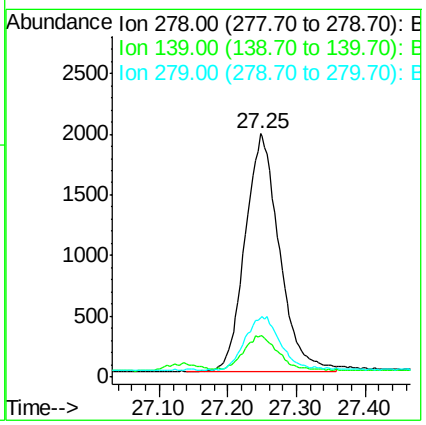


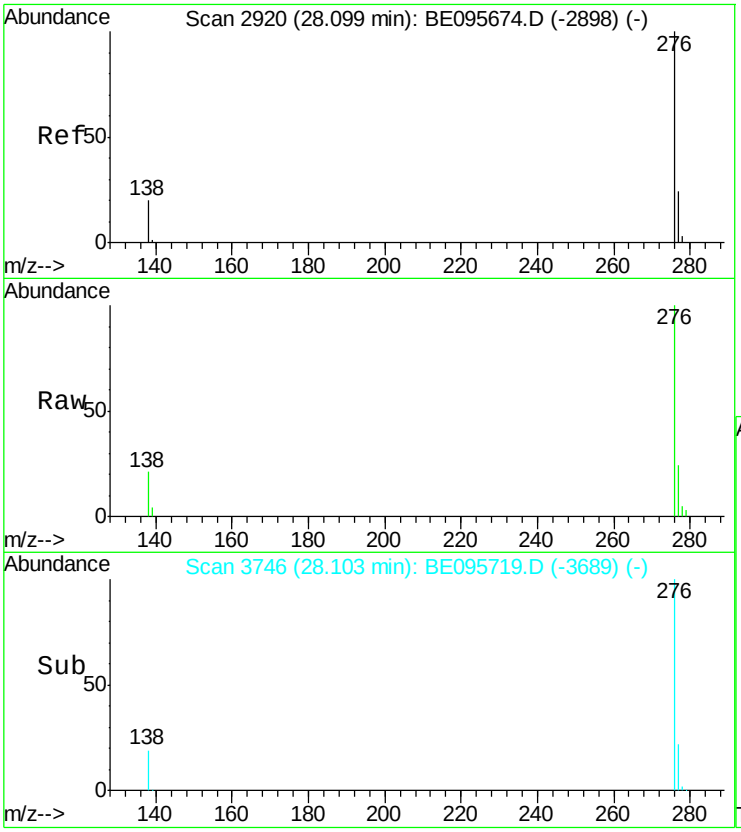


#38
Dibenzo(a,h)anthracene
Concen: 0.363 ng
RT: 27.25 min Scan# 3506
Delta R.T. -0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Tgt Ion:278 Resp: 6818

Ion	Ratio	Lower	Upper
278	100		
139	16.9	16.0	24.0
279	24.6	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.344 ng
RT: 28.10 min Scan# 3746
Delta R.T. 0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 6923

Ion	Ratio	Lower	Upper
276	100		
277	24.0	16.0	24.0#
138	20.9	20.0	30.0