Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE030618\
Data File : BE095702.D
Acq On : 6 Mar 2018 17:57
Operator : SJ/JU
Sample : PB107119BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 07 01:10:34 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	1606	0.40	ng		0.00
7) Naphthalene-d8	11.27	136	5819	0.40	ng		0.00
13) Acenaphthene-d10	15.00	164	2893	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	6725	0.40	ng		0.00
27) Chrysene-d12	21.80	240	7271	0.40	ng		0.00
34) Perylene-d12	24.43	264	6582	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.92	112	872	0.21	ng		0.00
5) Phenol-d6	7.56	99	1079	0.18	ng		0.00
8) Nitrobenzene-d5	9.53	82	129	0.02	ng		-0.09
11) 2-Methylnaphthalene-d10	12.80	152	1838	0.19	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	152	0.23	ng		0.00
15) 2-Fluorobiphenyl	13.64	172	2629	0.20	ng		0.00
25) Fluoranthene-d10	19.69	212	17321	0.20	ng		0.00
29) Terphenyl-d14	20.24	244	2651	0.18	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	497	0.197	ng	#	73
3) n-Nitrosodimethylamine	3.99	42	615	0.196	ng	#	81
6) bis(2-Chloroethyl)ether	7.82	93	1160	0.193	ng		95
9) Naphthalene	11.31	128	13539	0.202	ng		100
10) Hexachlorobutadiene	11.57	225	913	0.233	ng		91
12) 2-Methylnaphthalene	12.88	142	2179	0.188	ng		95
16) Acenaphthylene	14.73	152	2957	0.182	ng		99
17) Acenaphthene	15.07	154	1898	0.186	ng		94
18) Fluorene	16.03	166	2302	0.182	ng	#	78
20) 4-Bromophenyl-phenylether	16.90	248	783	0.185	ng	#	82
21) Hexachlorobenzene	17.03	284	815	0.186	ng	#	83
22) Pentachlorophenol	17.37	266	276	0.351	ng	#	78
23) Phenanthrene	17.75	178	3960	0.188	ng		98
24) Anthracene	17.83	178	3615	0.187	ng		95
26) Fluoranthene	19.72	202	4897	0.189	ng		97
28) Pyrene	20.07	202	5768	0.194	ng		97
30) Benzo(a)anthracene	21.78	228	4711	0.199	ng		98
31) Chrysene	21.84	228	4660	0.198	ng		98
32) Bis(2-ethylhexyl)phthalate	21.66	149	6548	0.156	ng	#	99
33) Indeno(1,2,3-cd)pyrene	27.23	276	4409	0.193	ng	#	92
35) Benzo(b)fluoranthene	23.61	252	4389	0.187	ng	#	91
36) Benzo(k)fluoranthene	23.66	252	4380	0.188	ng	#	90
37) Benzo(a)pyrene	24.31	252	4085	0.193	ng	#	92
38) Dibenzo(a,h)anthracene	27.25	278	3476	0.185	ng		95
39) Benzo(g,h,i)perylene	28.11	276	3898	0.193	ng	#	94

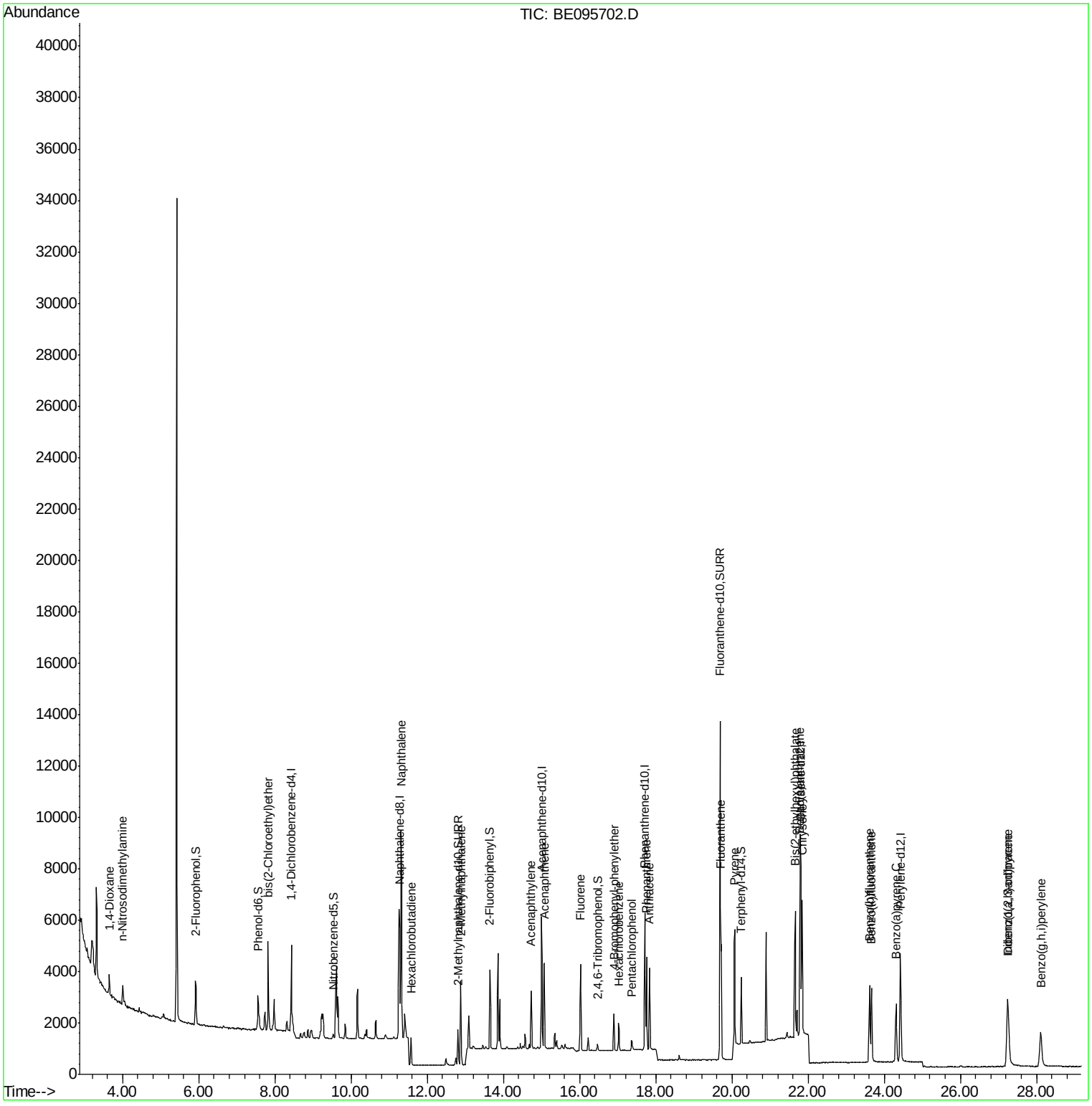
(#) = qualifier out of range (m) = manual integration (+) = signals summed

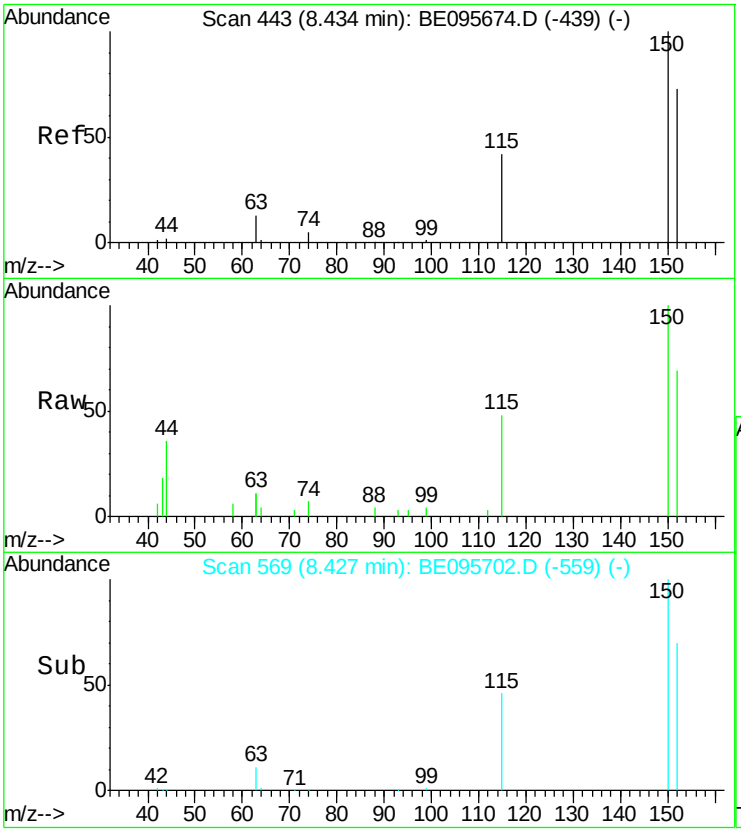
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE030618\
Data File : BE095702.D
Acq On : 6 Mar 2018 17:57
Operator : SJ/JU
Sample : PB107119BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 07 01:10:34 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



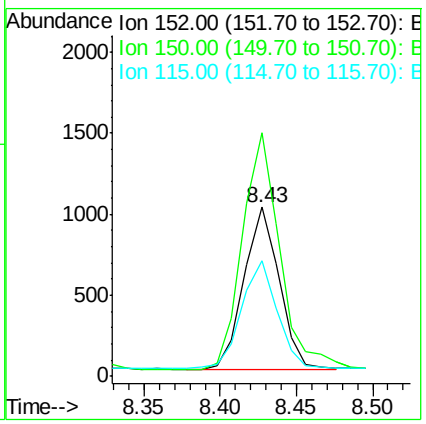


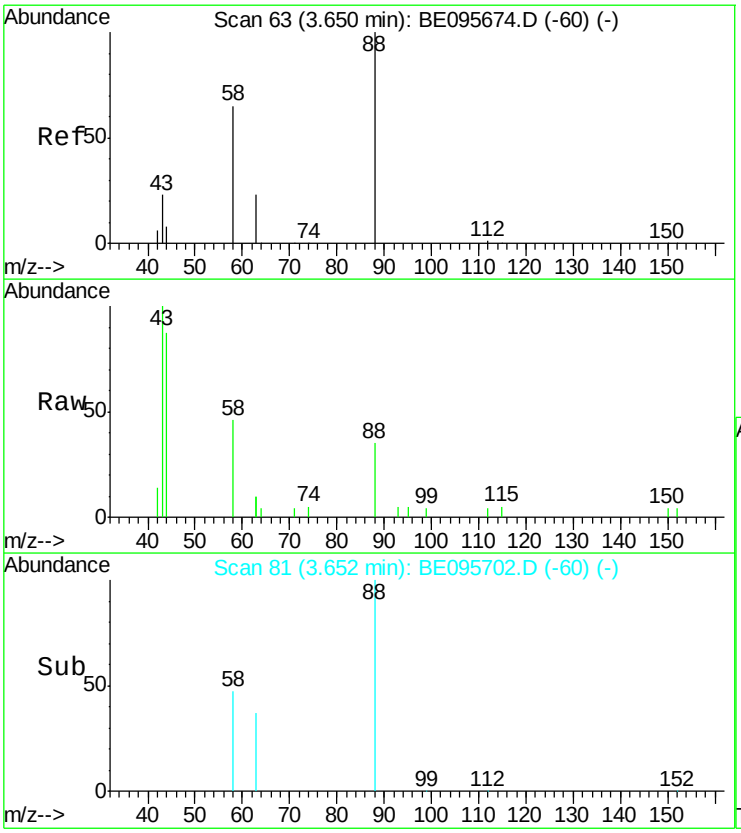
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1606

Ion	Ratio	Lower	Upper
152	100		
150	144.2	117.2	175.8
115	68.6	57.0	85.6

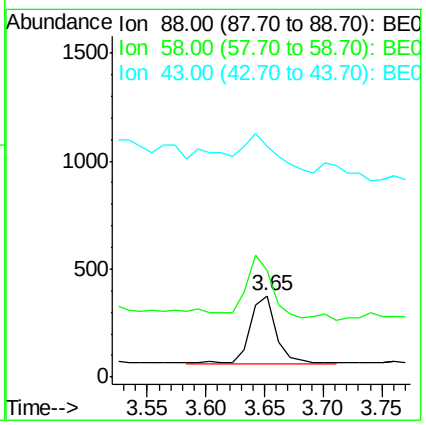


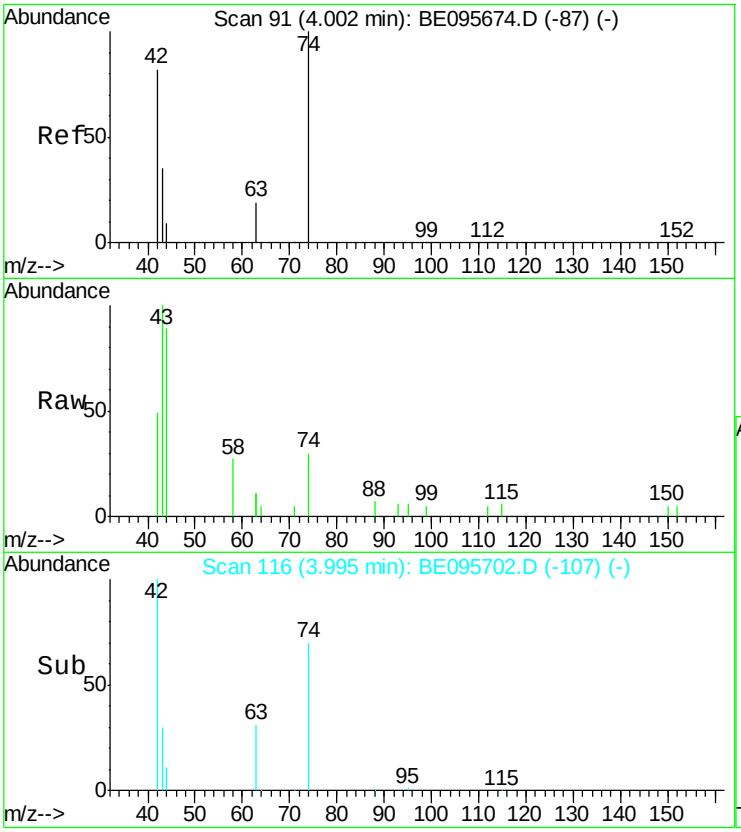


#2
1,4-Dioxane
Concen: 0.197 ng
RT: 3.65 min Scan# 81
Delta R.T. 0.00 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Tgt Ion: 88 Resp: 497

Ion	Ratio	Lower	Upper
88	100		
58	104.6	63.2	94.8#
43	68.2	41.2	61.8#



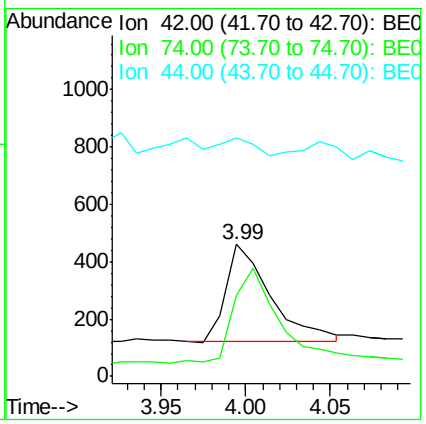


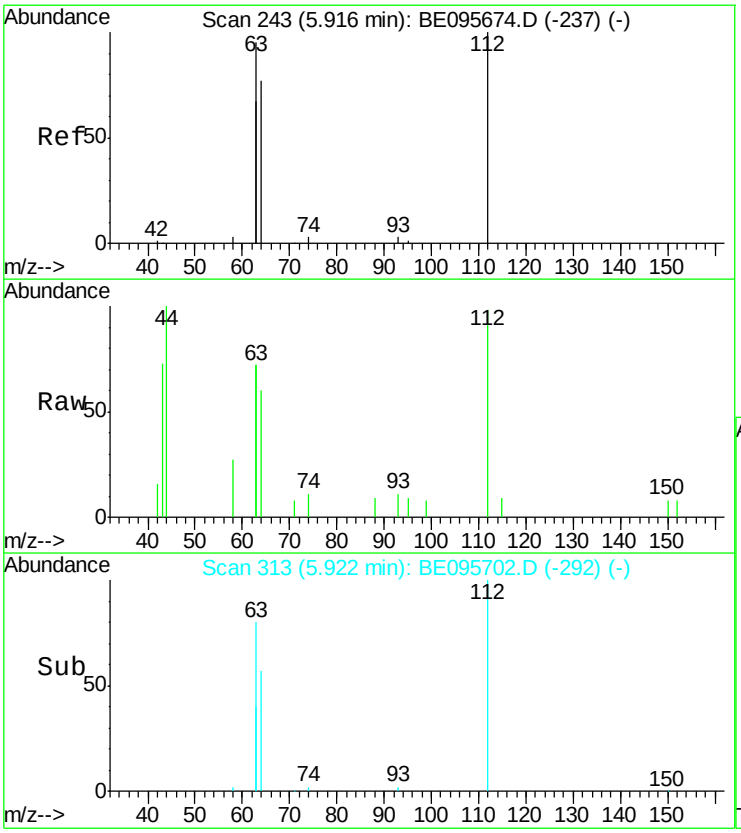
#3
n-Nitrosodimethylamine
Concen: 0.196 ng
RT: 3.99 min Scan# 116
Delta R.T. -0.01 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 615

Ion	Ratio	Lower	Upper
42	100		
74	101.6	96.0	144.0
44	0.0	12.0	18.0#

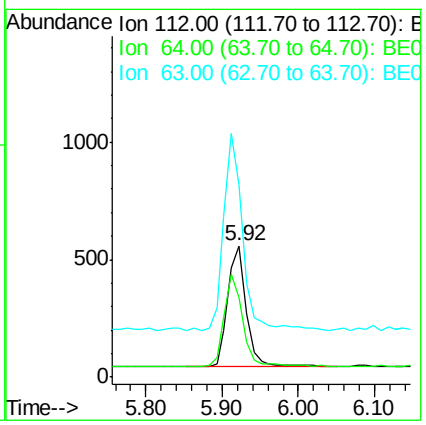


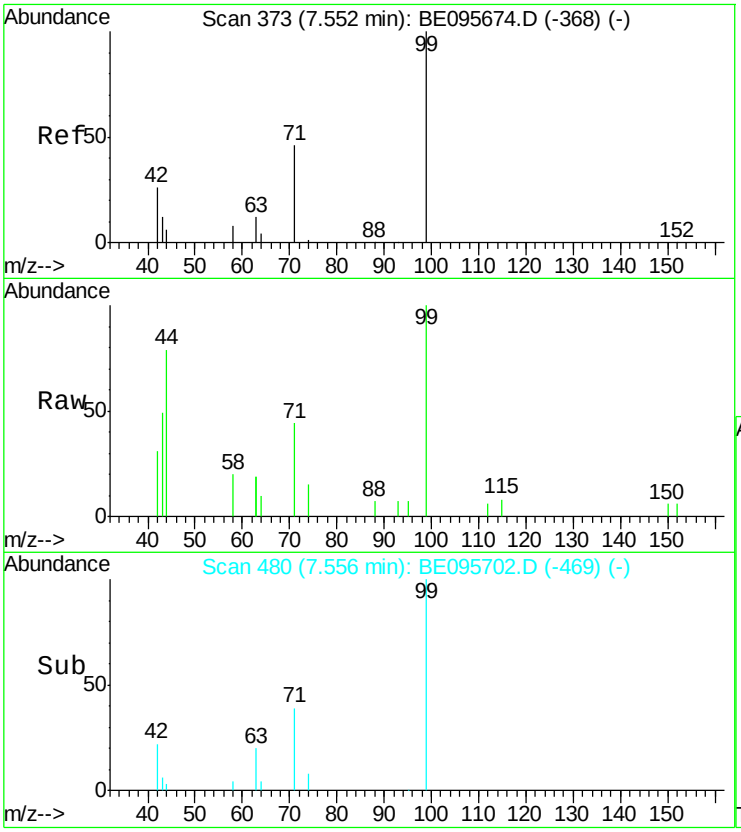


#4
2-Fluorophenol
Concen: 0.206 ng
RT: 5.92 min Scan# 313
Delta R.T. 0.01 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Tgt Ion:112 Resp: 872

Ion	Ratio	Lower	Upper
112	100		
64	74.2	60.1	90.1
63	165.7	116.8	175.2



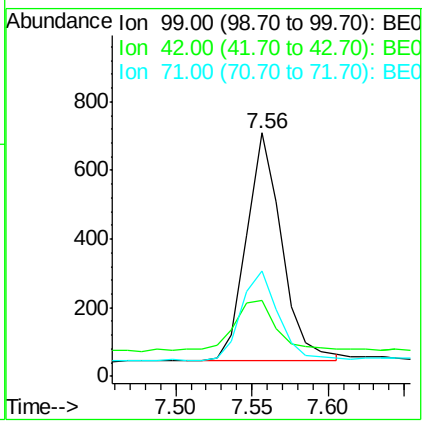


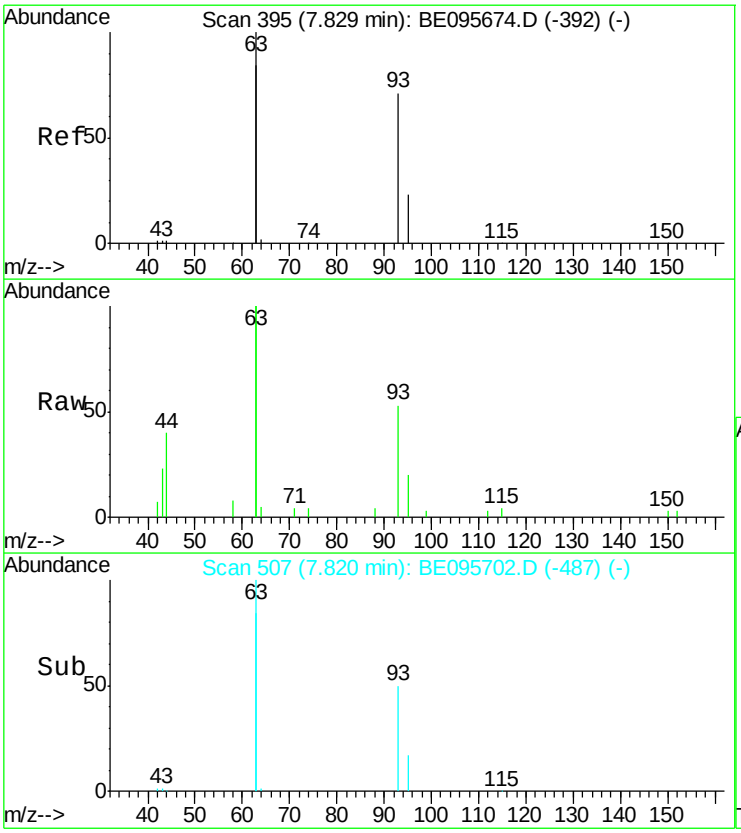
#5
Phenol-d6
Concen: 0.184 ng
RT: 7.56 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1079

Ion	Ratio	Lower	Upper
99	100		
42	27.2	20.2	30.2
71	41.7	28.4	42.6

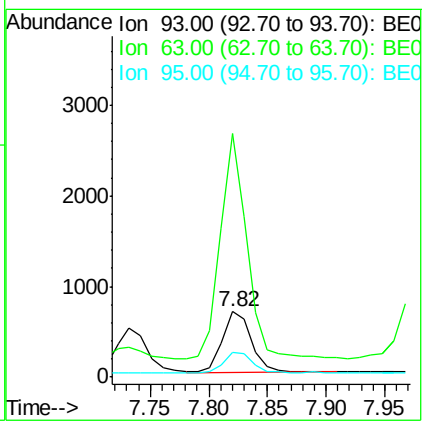


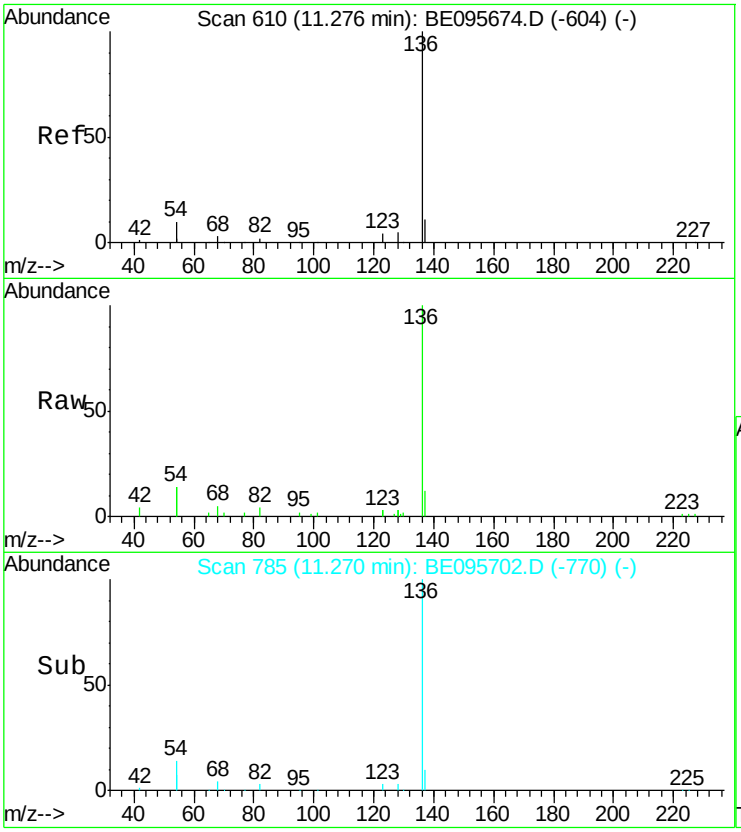


#6
bis(2-Chloroethyl)ether
Concen: 0.193 ng
RT: 7.82 min Scan# 507
Delta R.T. -0.01 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Tgt Ion: 93 Resp: 1160

Ion	Ratio	Lower	Upper
93	100		
63	332.7	275.3	412.9
95	32.7	25.2	37.8



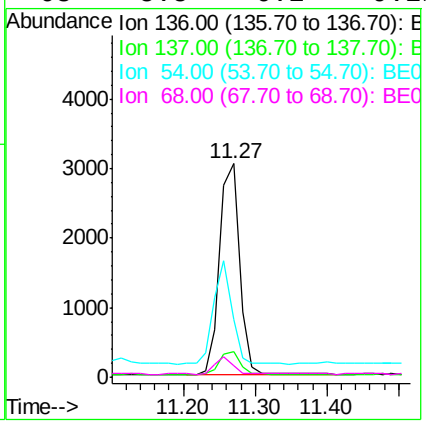


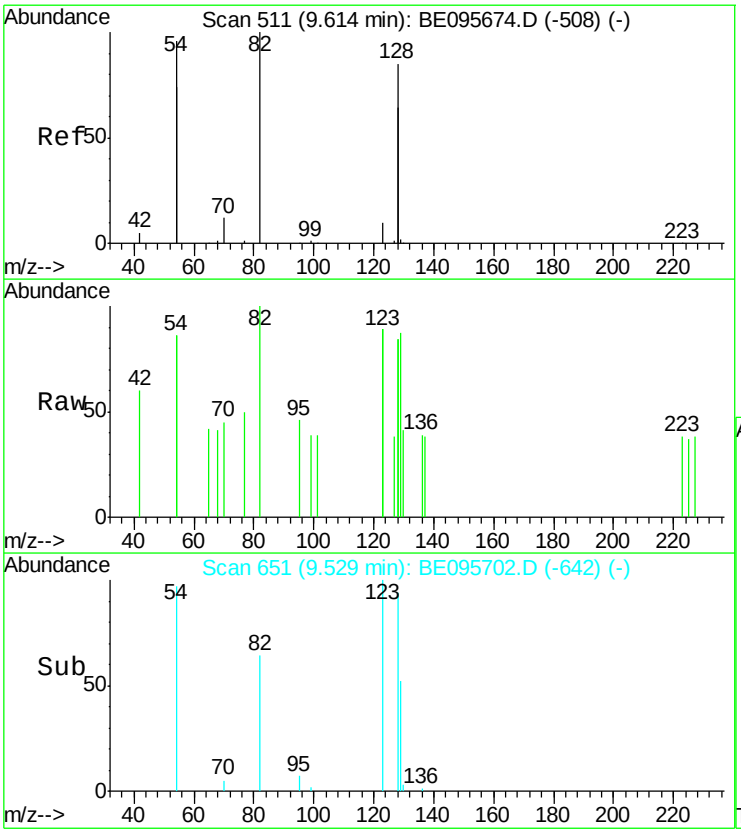
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.27 min Scan# 785
Delta R.T. -0.01 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5819

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	27.2	29.1	43.7#
68	5.5	6.2	9.2#

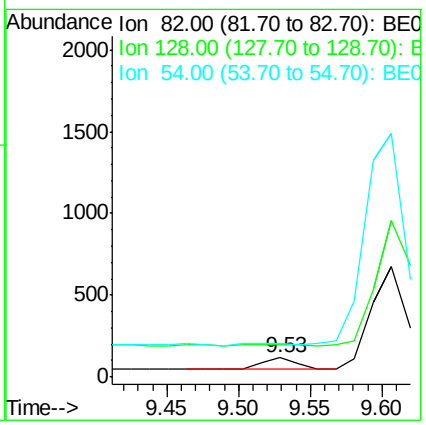


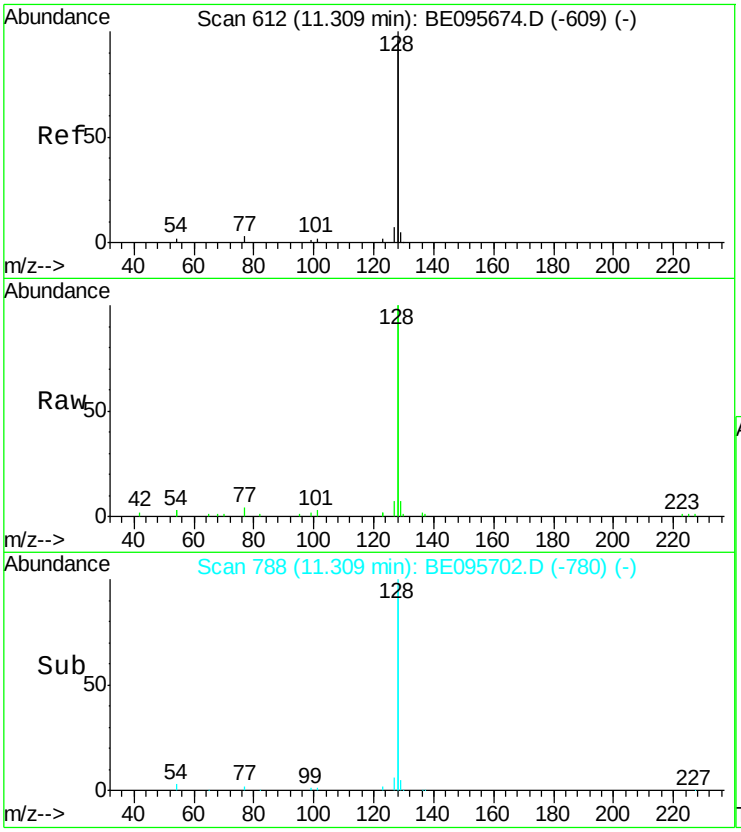


#8
Nitrobenzene-d5
Concen: 0.022 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.09 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Tgt Ion: 82 Resp: 129

Ion	Ratio	Lower	Upper
82	100		
128	167.5	150.0	225.0
54	172.6	154.2	231.4



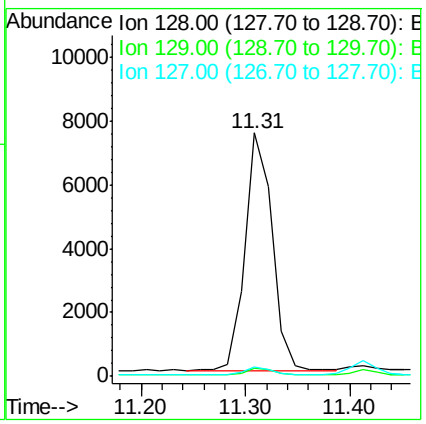


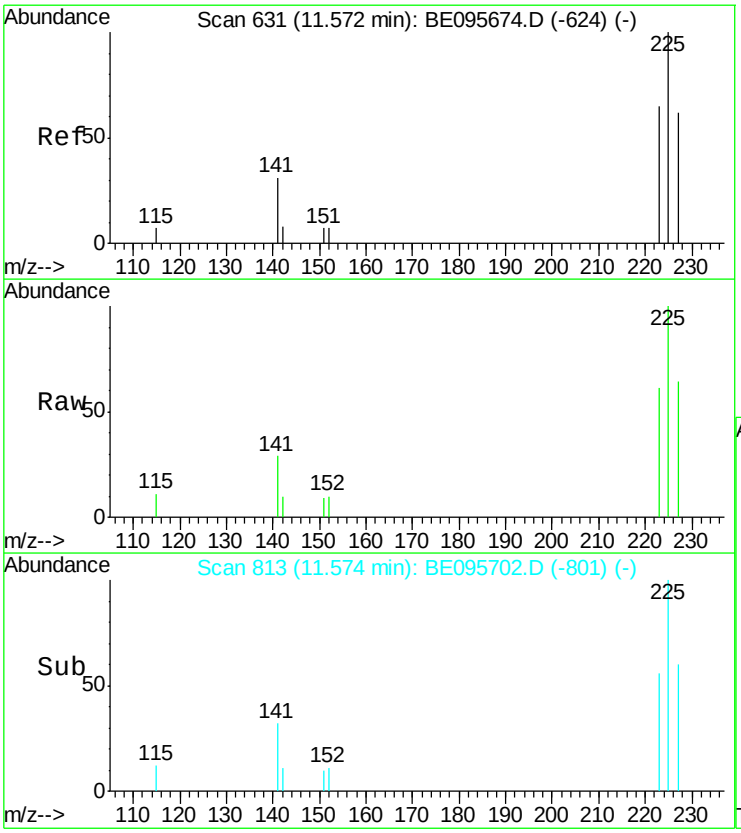
#9
Naphthalene
Concen: 0.202 ng
RT: 11.31 min Scan# 788
Delta R.T. -0.00 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 13539

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	3.8
127	3.7	2.8	4.2

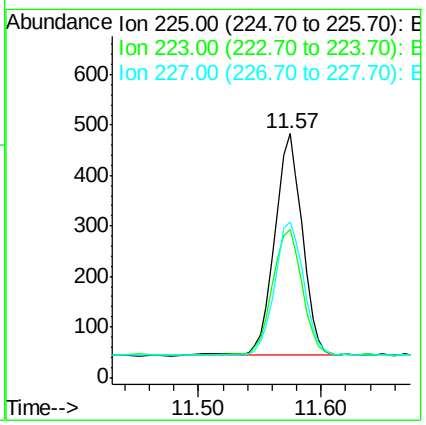


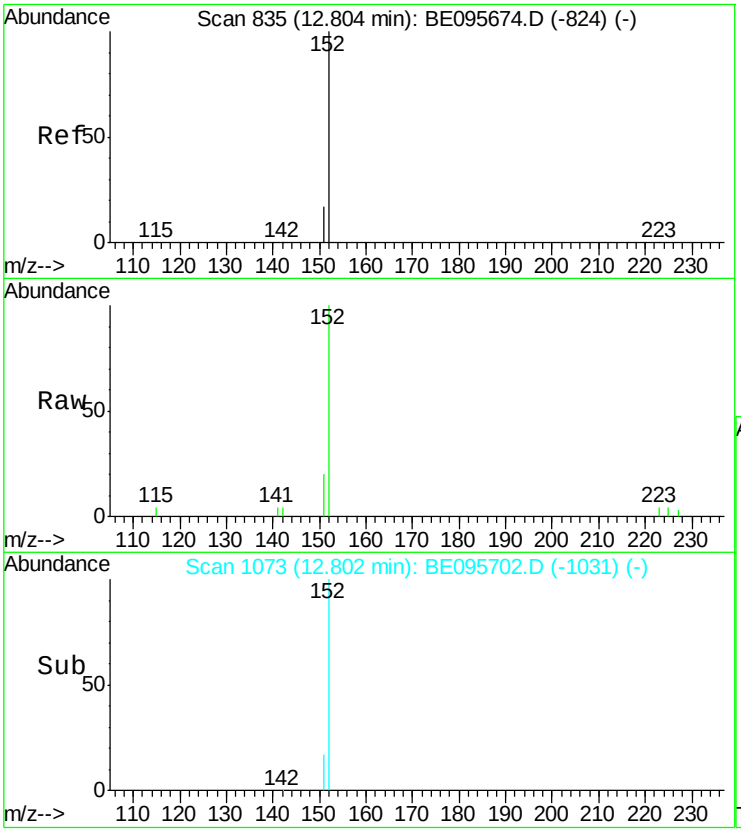


#10
Hexachlorobutadiene
Concen: 0.233 ng
RT: 11.57 min Scan# 813
Delta R.T. 0.00 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Tgt Ion:225 Resp: 913

Ion	Ratio	Lower	Upper
225	100		
223	57.0	53.0	79.6
227	59.7	51.4	77.2



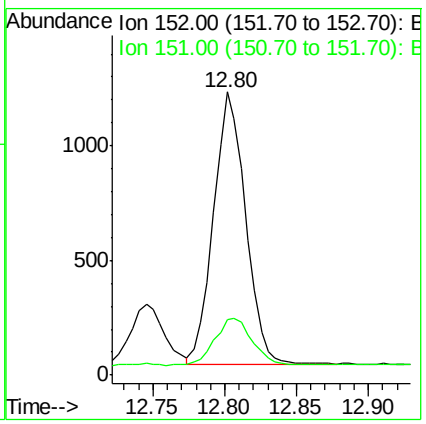


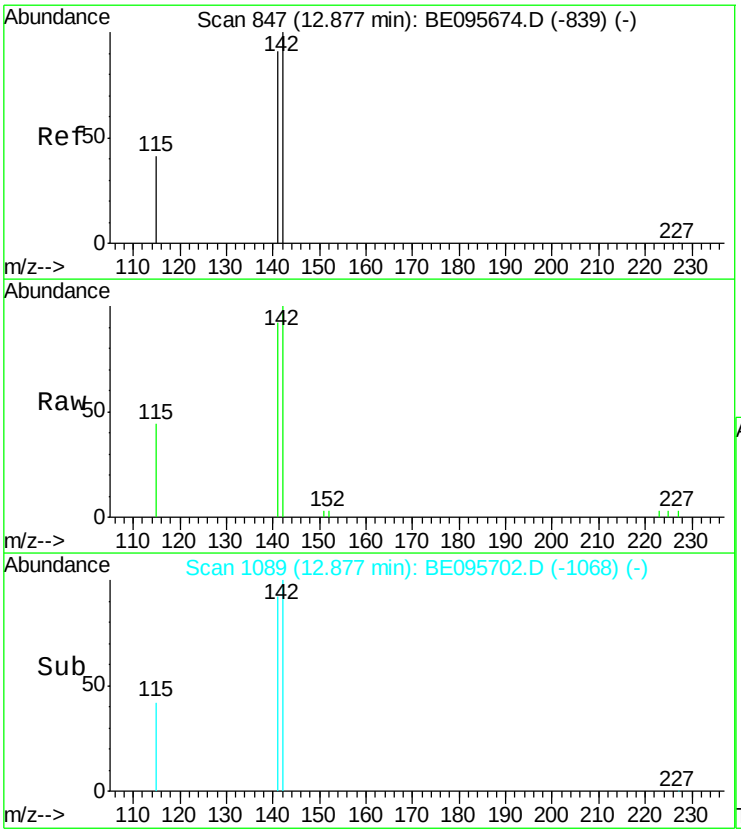
#11
2-Methylnaphthalene-d10
Concen: 0.189 ng
RT: 12.80 min Scan# 1073
Delta R.T. -0.00 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1838

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.0

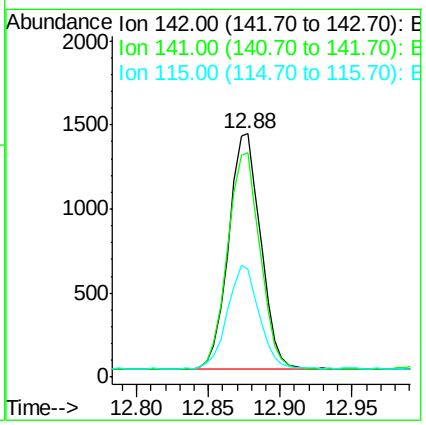


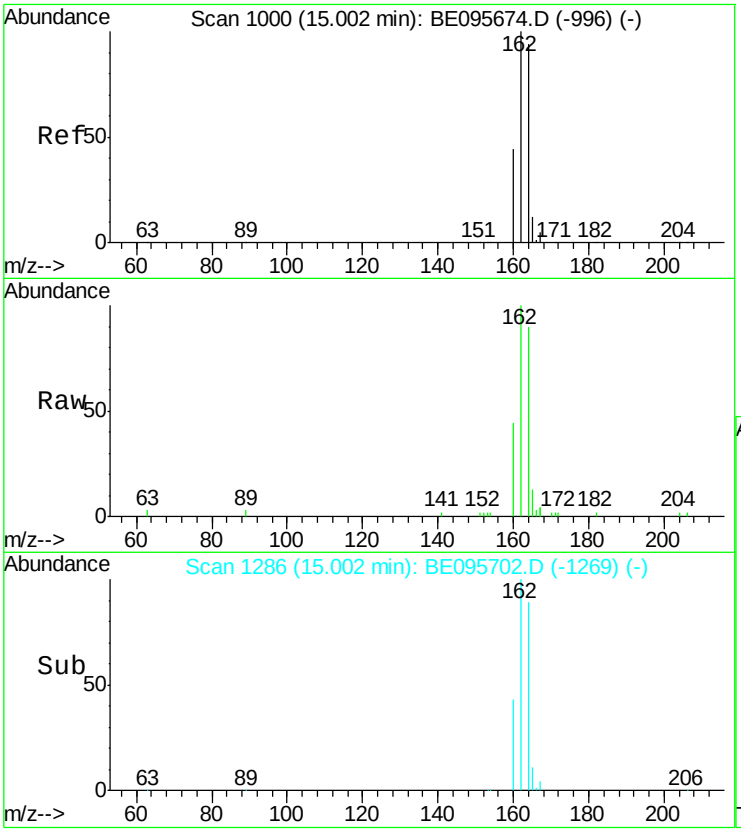


#12
2-Methylnaphthalene
Concen: 0.188 ng
RT: 12.88 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Tgt Ion:142 Resp: 2179

Ion	Ratio	Lower	Upper
142	100		
141	91.9	70.4	105.6
115	44.4	31.7	47.5



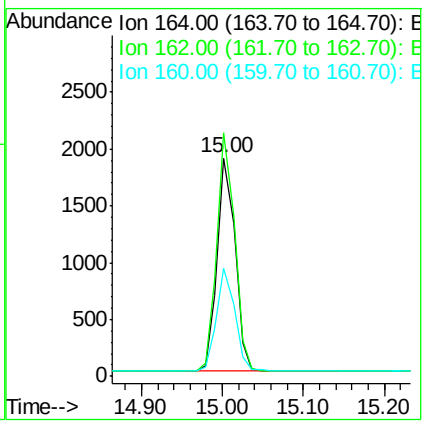


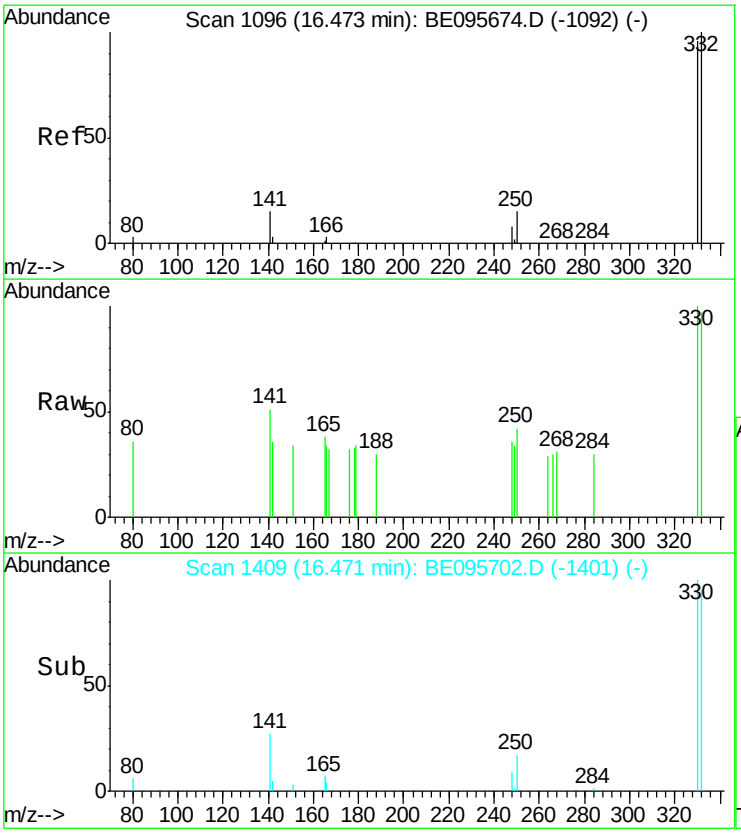
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2893

Ion	Ratio	Lower	Upper
164	100		
162	111.6	83.1	124.7
160	49.6	37.1	55.7

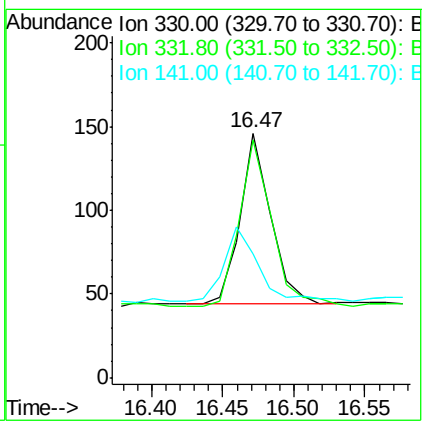


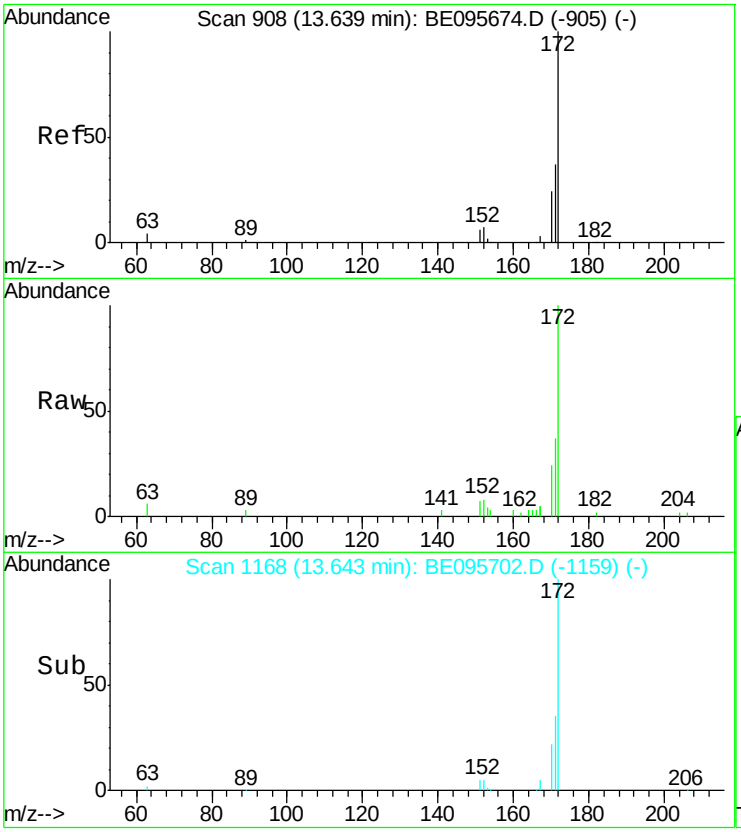


#14
2,4,6-Tribromophenol
Concen: 0.225 ng
RT: 16.47 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Tgt Ion:330 Resp: 152

Ion	Ratio	Lower	Upper
330	100		
332	103.3	152.7	229.1#
141	46.7	33.7	50.5



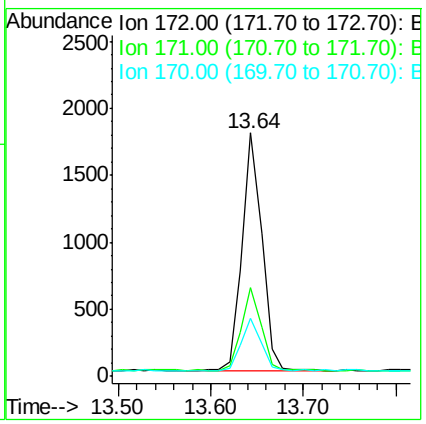


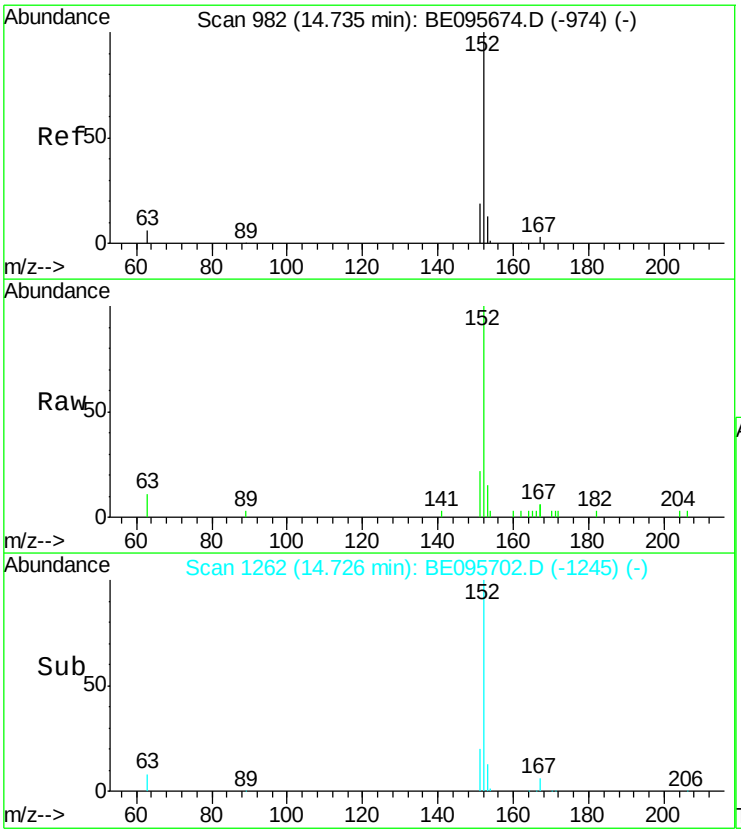
#15
2-Fluorobiphenyl
Concen: 0.203 ng
RT: 13.64 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2629

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	24.0	21.8	32.8

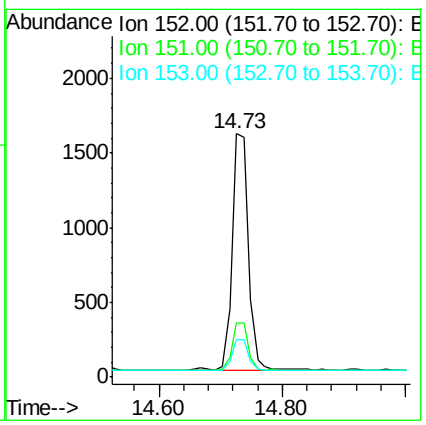


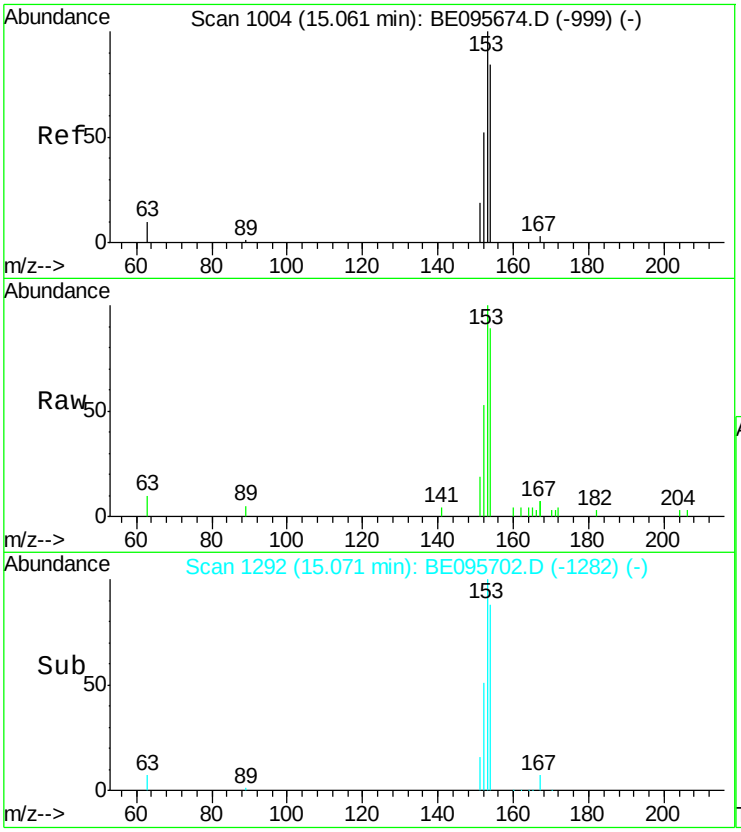


#16
Acenaphthylene
Concen: 0.182 ng
RT: 14.73 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Tgt Ion:152 Resp: 2957

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.7	23.5
153	13.0	10.5	15.7



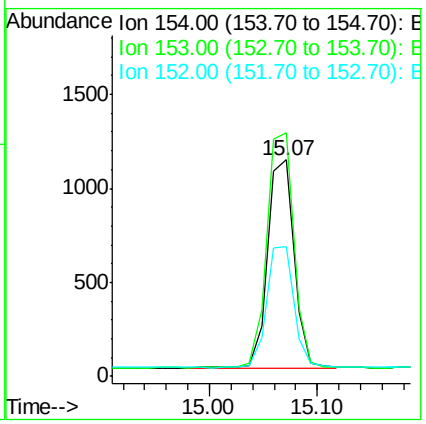


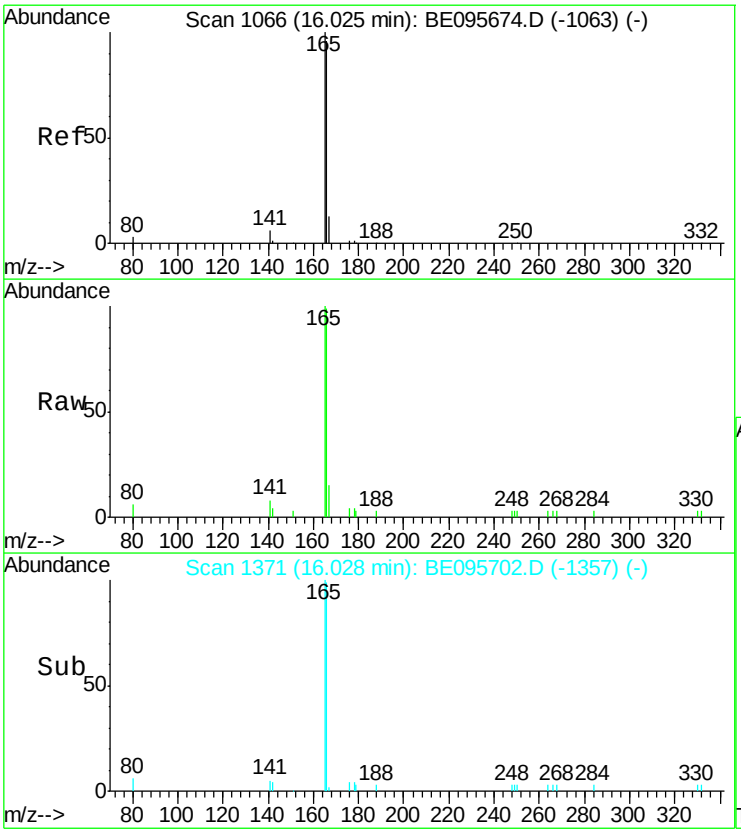
#17
Acenaphthene
Concen: 0.186 ng
RT: 15.07 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1898

Ion	Ratio	Lower	Upper
154	100		
153	115.8	89.2	133.8
152	60.3	42.0	63.0

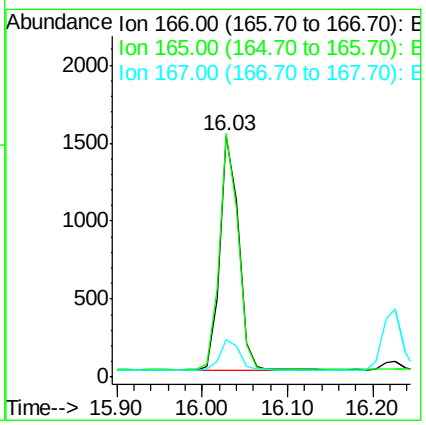


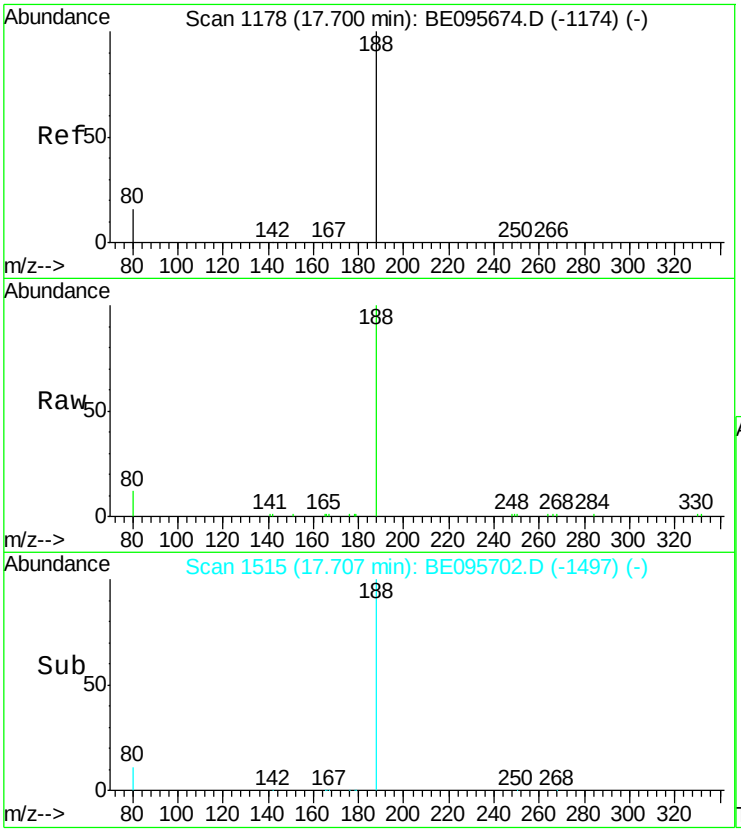


#18
Fluorene
Concen: 0.182 ng
RT: 16.03 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Tgt Ion:166 Resp: 2302

Ion	Ratio	Lower	Upper
166	100		
165	100.4	77.8	116.6
167	13.5	42.4	63.6#



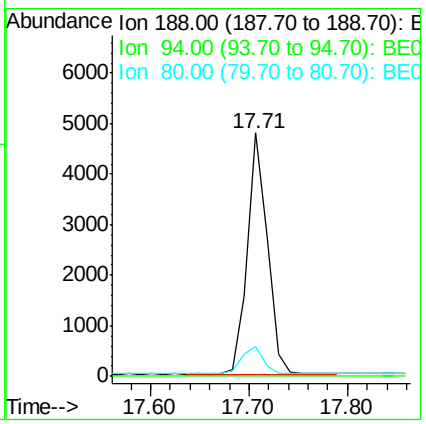


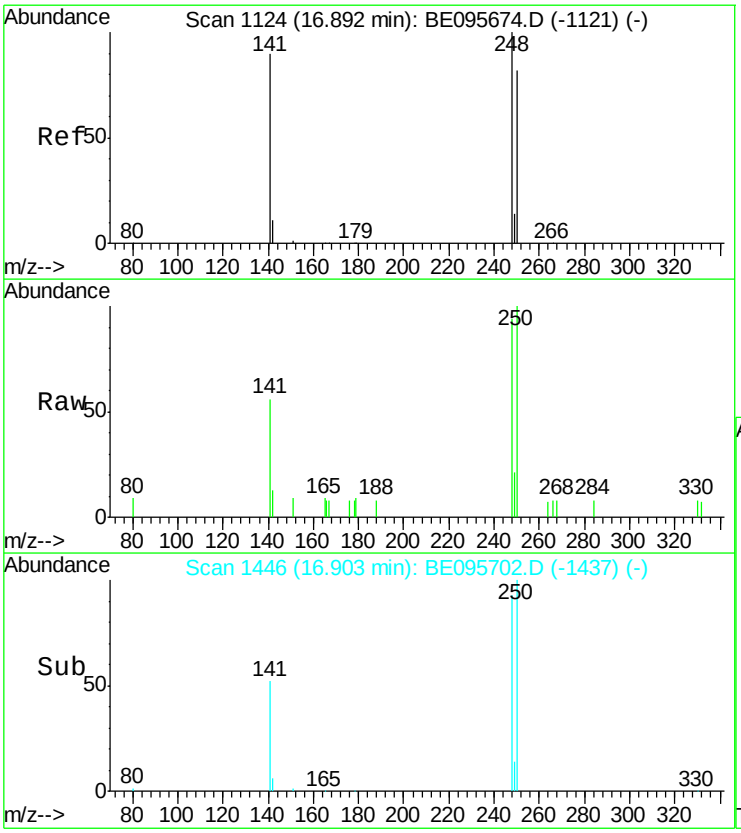
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6725

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.1	3.6	5.4#

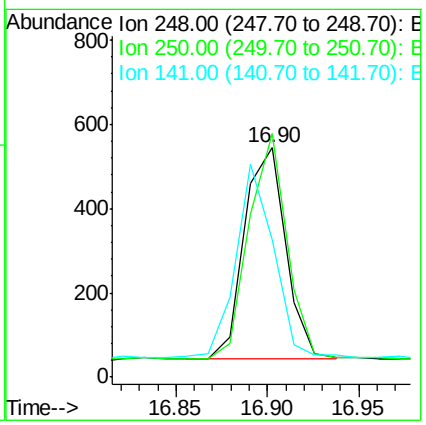


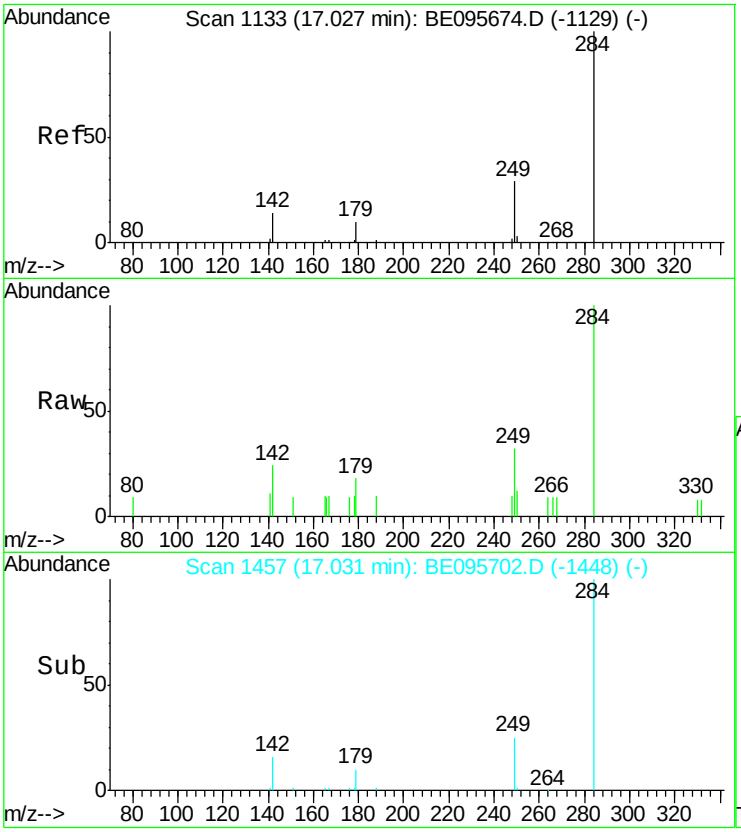


#20
4-Bromophenyl-phenylether
Concen: 0.185 ng
RT: 16.90 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Tgt Ion:248 Resp: 783

Ion	Ratio	Lower	Upper
248	100		
250	106.3	62.7	94.1#
141	59.9	48.2	72.2



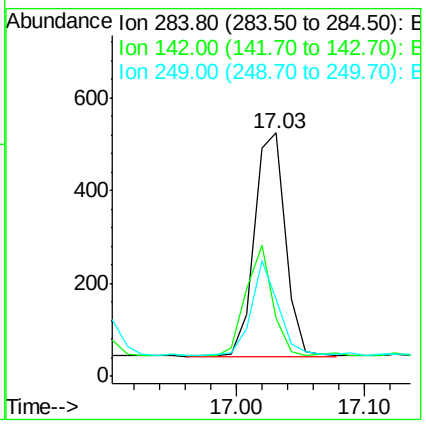


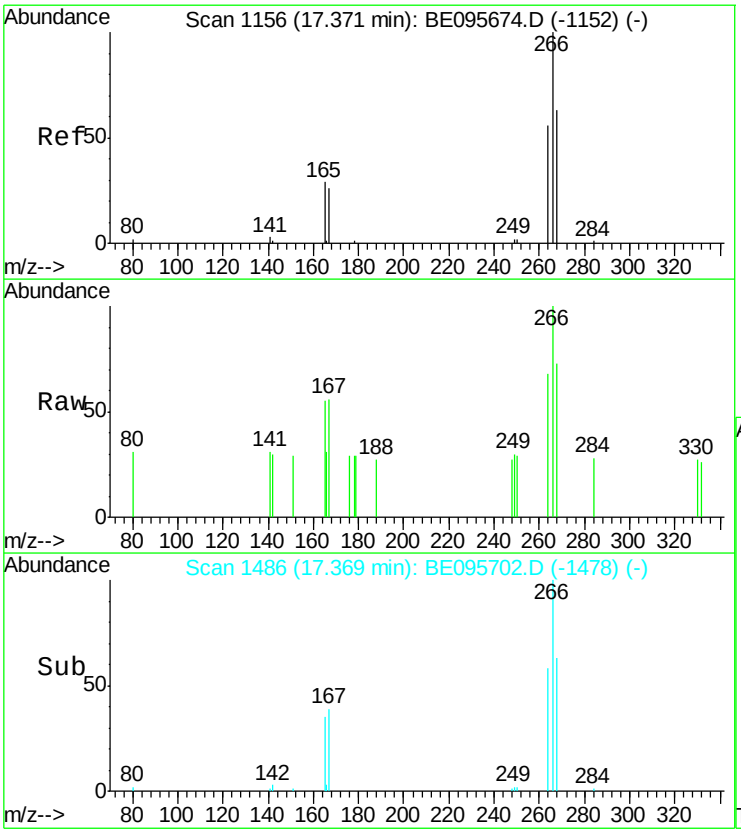
#21
Hexachlorobenzene
Concen: 0.186 ng
RT: 17.03 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 815

Ion	Ratio	Lower	Upper
284	100		
142	41.1	22.1	33.1#
249	36.6	34.8	52.2

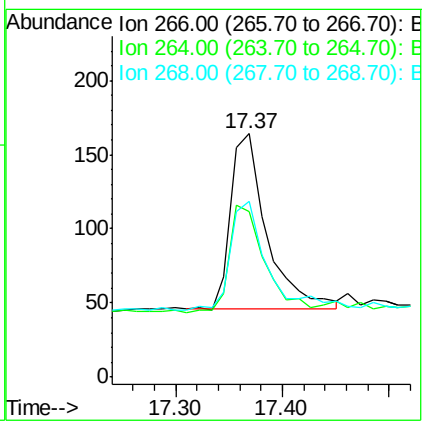


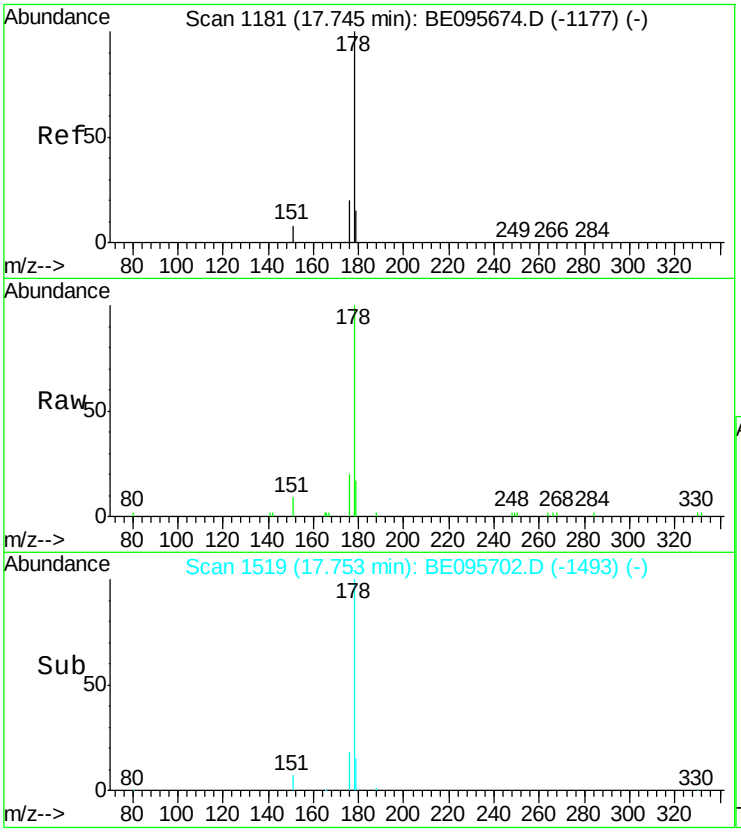


#22
Pentachlorophenol
Concen: 0.351 ng
RT: 17.37 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Tgt Ion:266 Resp: 276

Ion	Ratio	Lower	Upper
266	100		
264	68.3	72.5	108.7#
268	72.6	73.8	110.6#



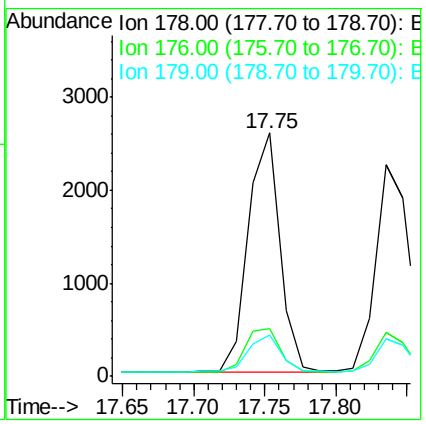


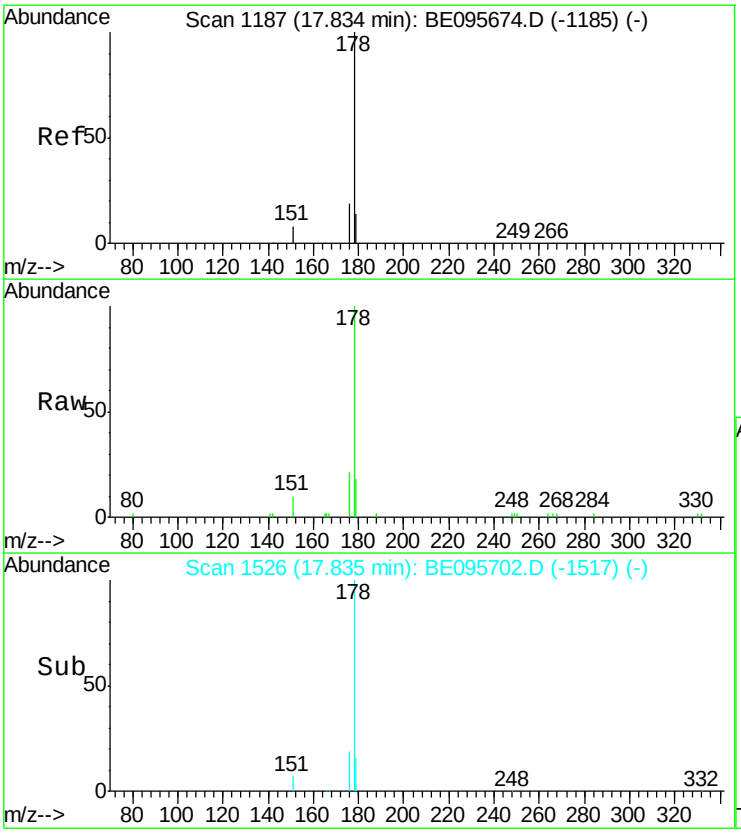
#23
Phenanthrene
Concen: 0.188 ng
RT: 17.75 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 3960

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.1	22.7
179	15.7	11.8	17.6

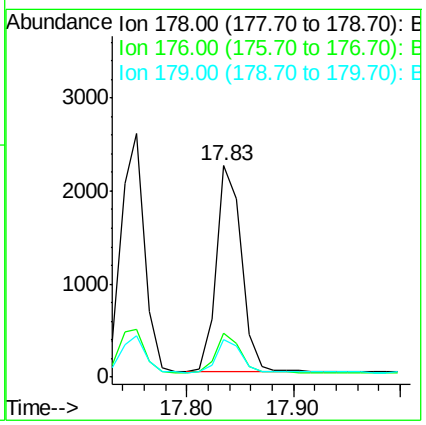


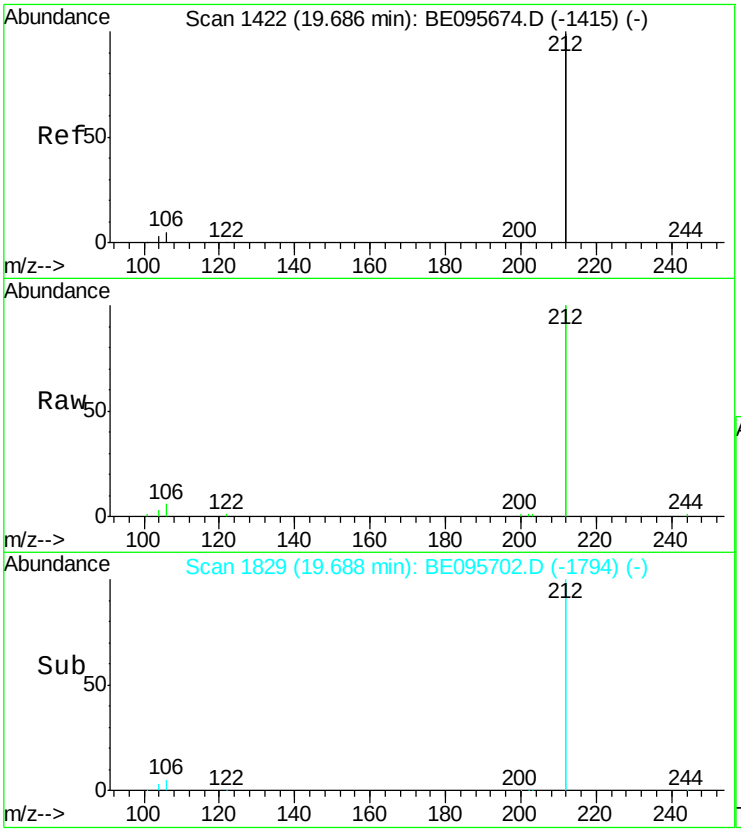


#24
Anthracene
Concen: 0.187 ng
RT: 17.83 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Tgt Ion:178 Resp: 3615

Ion	Ratio	Lower	Upper
178	100		
176	19.1	12.8	19.2
179	15.2	13.0	19.6



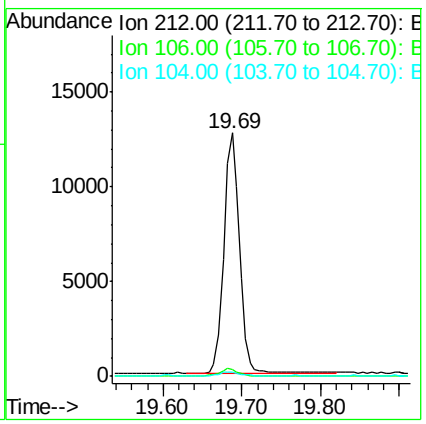


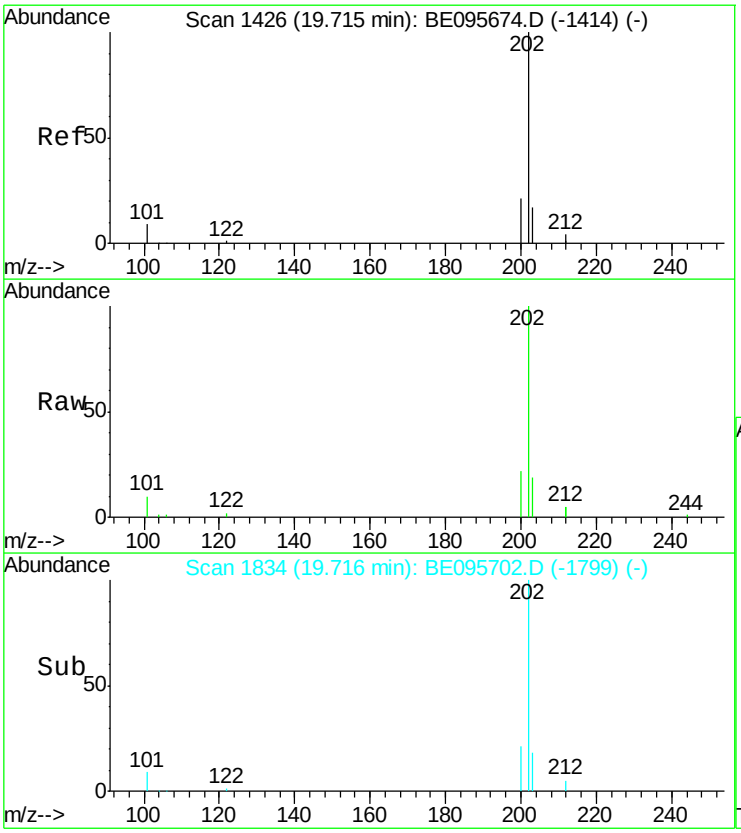
#25
Fluoranthene-d10
Concen: 0.197 ng
RT: 19.69 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 17321

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.8	4.2
104	1.6	1.6	2.4#

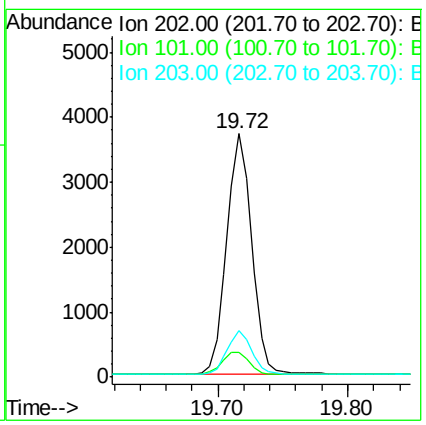


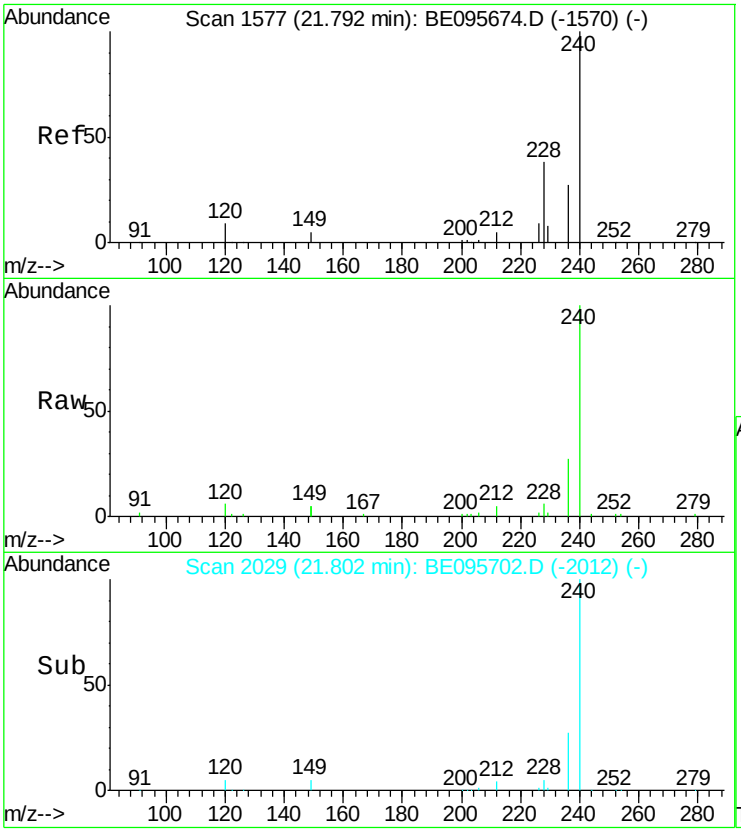


#26
Fluoranthene
Concen: 0.189 ng
RT: 19.72 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Tgt Ion:202 Resp: 4897

Ion	Ratio	Lower	Upper
202	100		
101	9.9	9.8	14.8
203	17.5	13.7	20.5



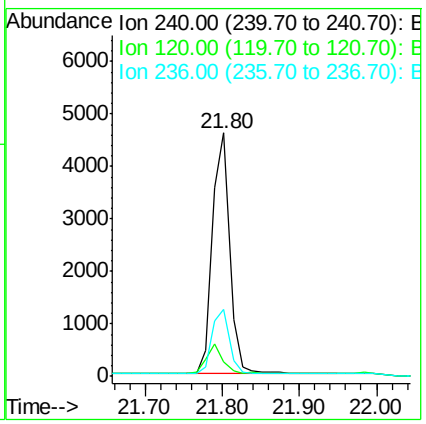


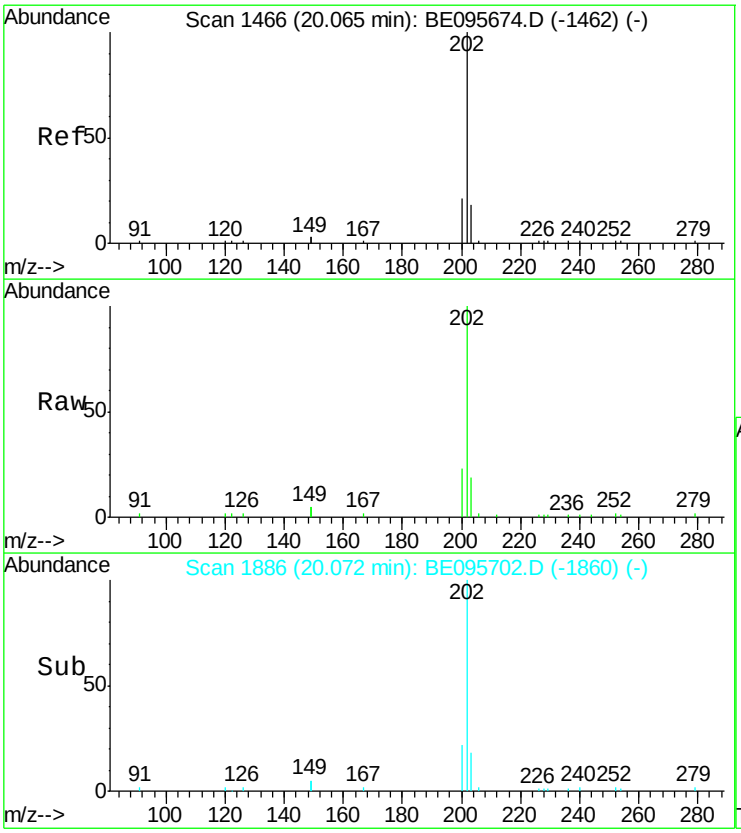
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.80 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7271

Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.5	8.3
236	27.3	20.7	31.1

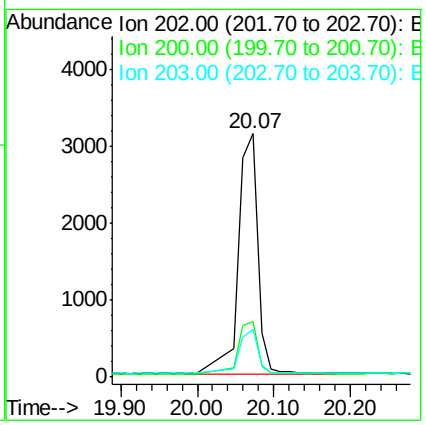


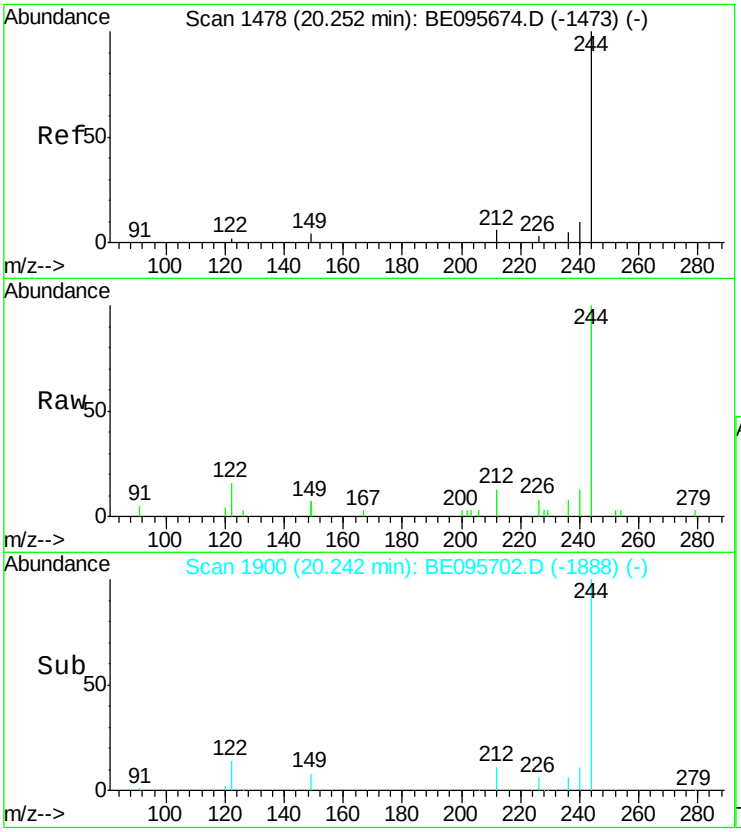


#28
Pyrene
Concen: 0.194 ng
RT: 20.07 min Scan# 1886
Delta R.T. 0.01 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Tgt Ion:202 Resp: 5768

Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.6	25.0
203	16.7	13.8	20.8



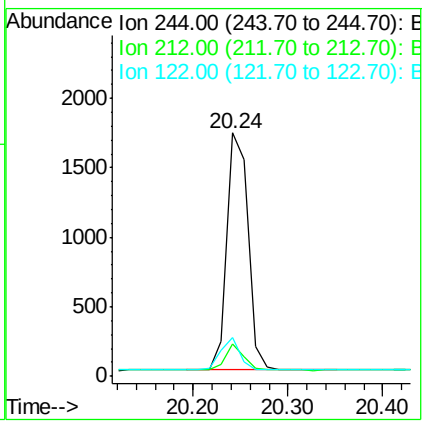


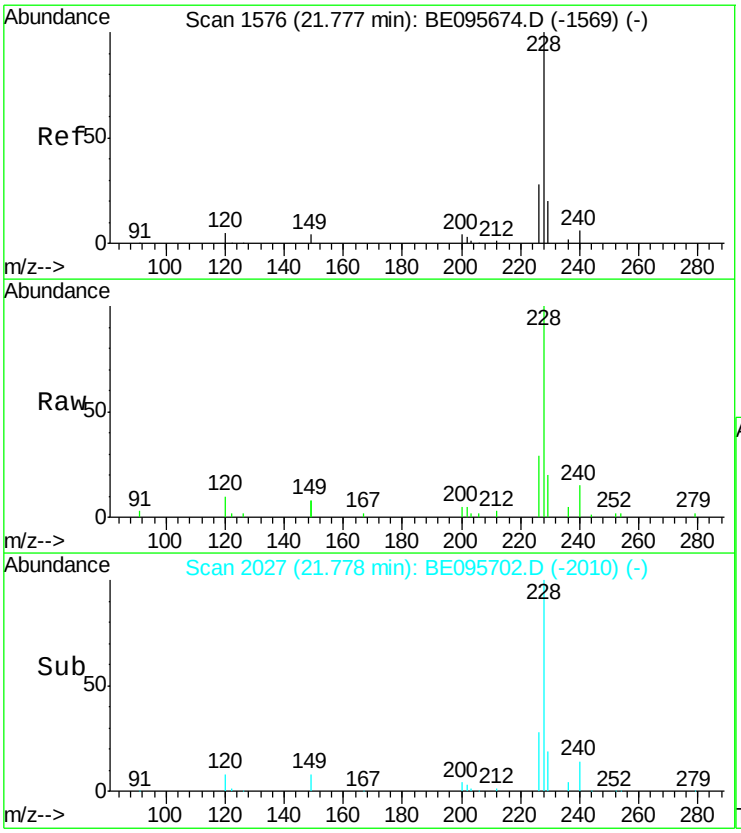
#29
Terphenyl-d14
Concen: 0.183 ng
RT: 20.24 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 2651

Ion	Ratio	Lower	Upper
244	100		
212	13.1	25.4	38.0#
122	16.1	8.1	12.1#

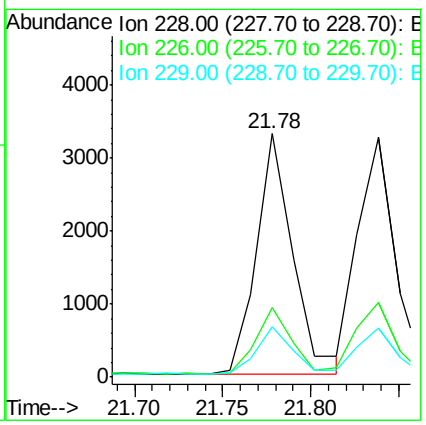


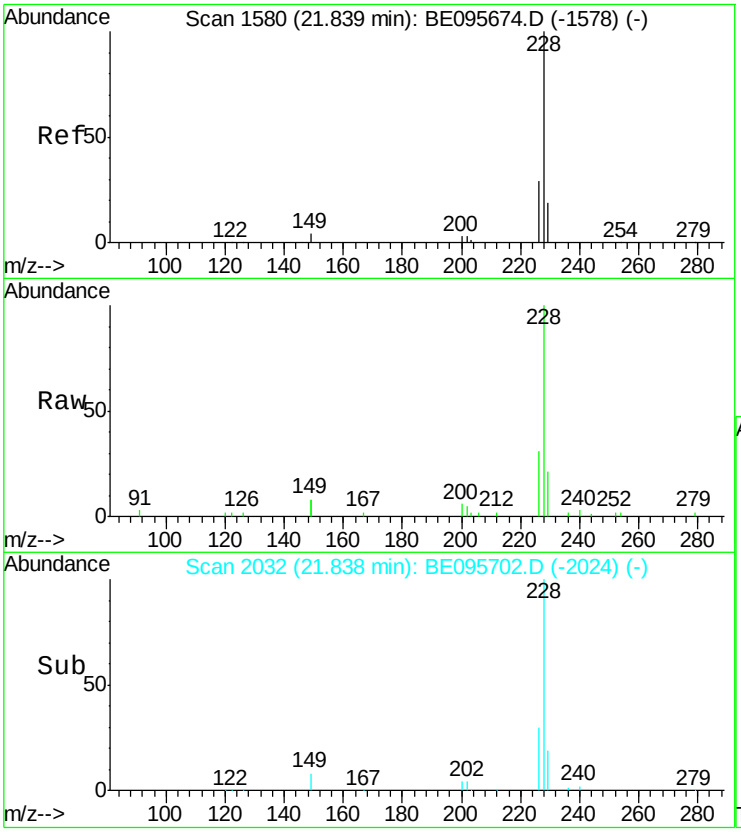


#30
Benzo(a)anthracene
Concen: 0.199 ng
RT: 21.78 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Tgt Ion:228 Resp: 4711

Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.0	36.0
229	20.5	16.0	24.0



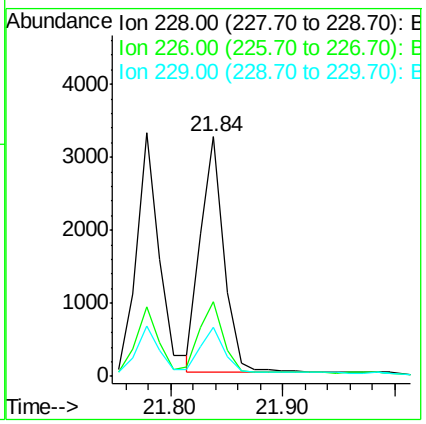


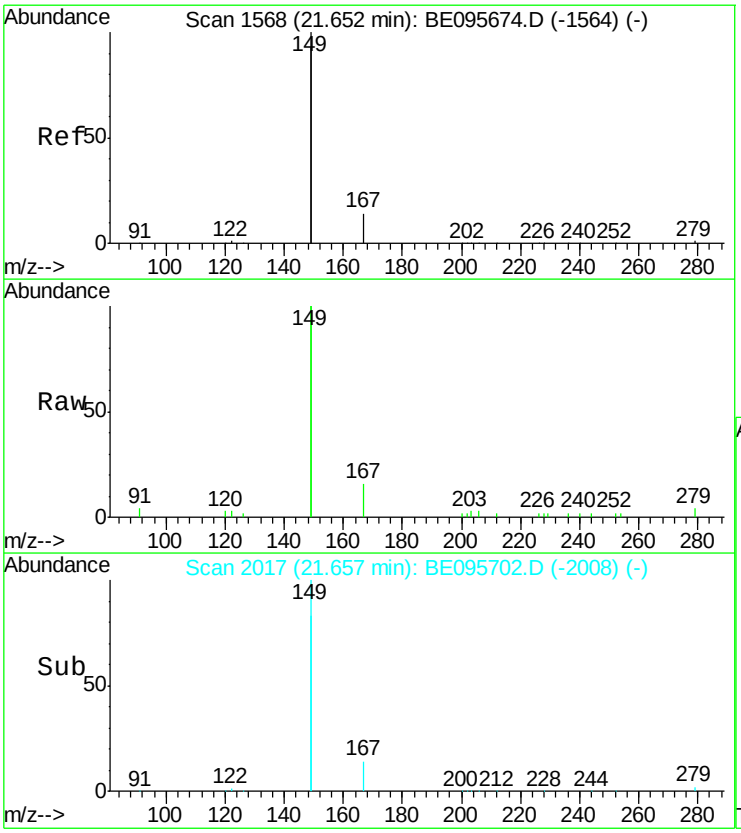
#31
Chrysene
Concen: 0.198 ng
RT: 21.84 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 4660

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.0	36.0
229	20.5	16.0	24.0

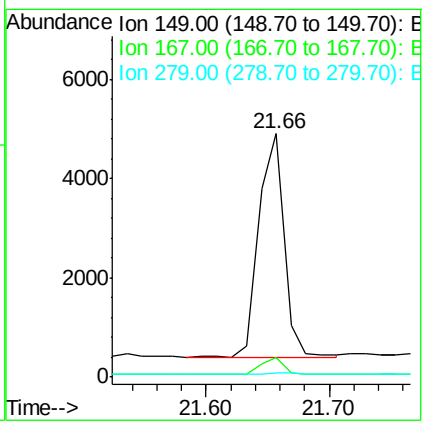


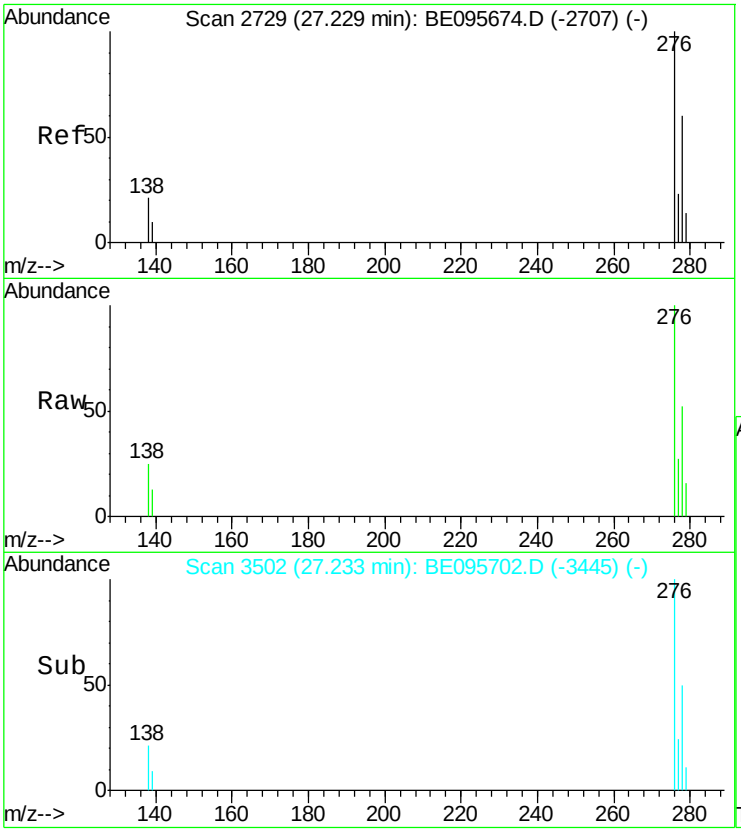


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.156 ng
RT: 21.66 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Tgt Ion:149 Resp: 6548

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.0
279	1.2	0.7	1.1#



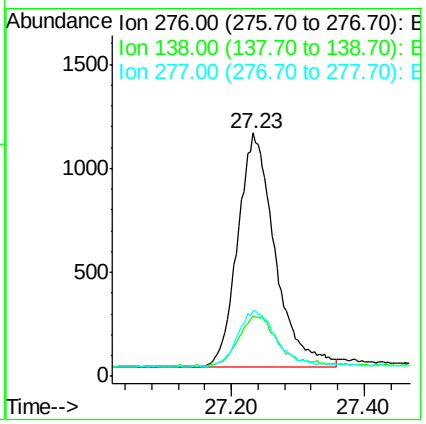


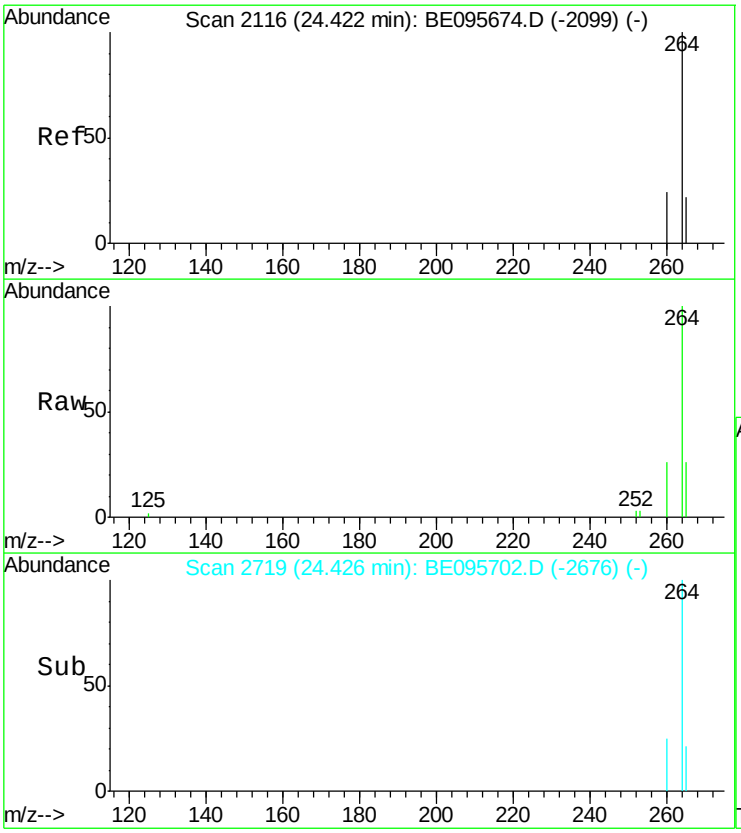
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.193 ng
RT: 27.23 min Scan# 3502
Delta R.T. 0.00 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 4409

Ion	Ratio	Lower	Upper
276	100		
138	20.7	22.5	33.7#
277	24.2	19.9	29.9

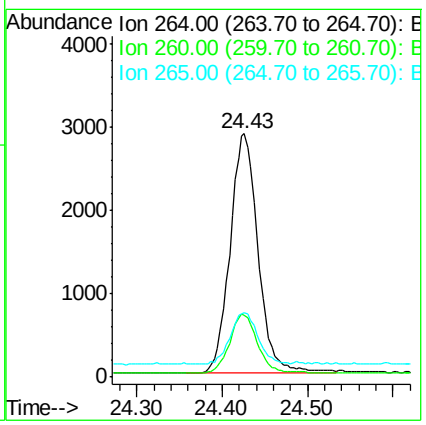


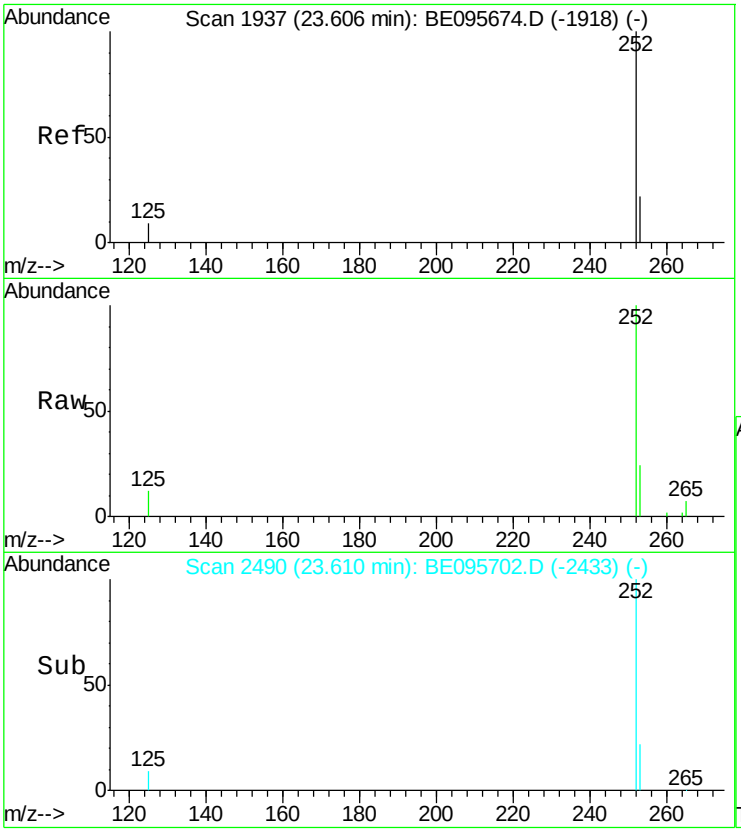


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2719
Delta R.T. 0.00 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Tgt Ion:264 Resp: 6582

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.5	30.7
265	26.4	22.8	34.2



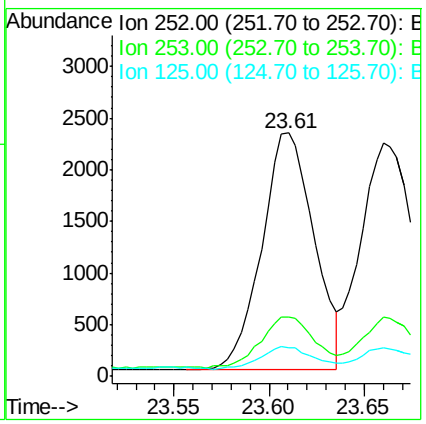


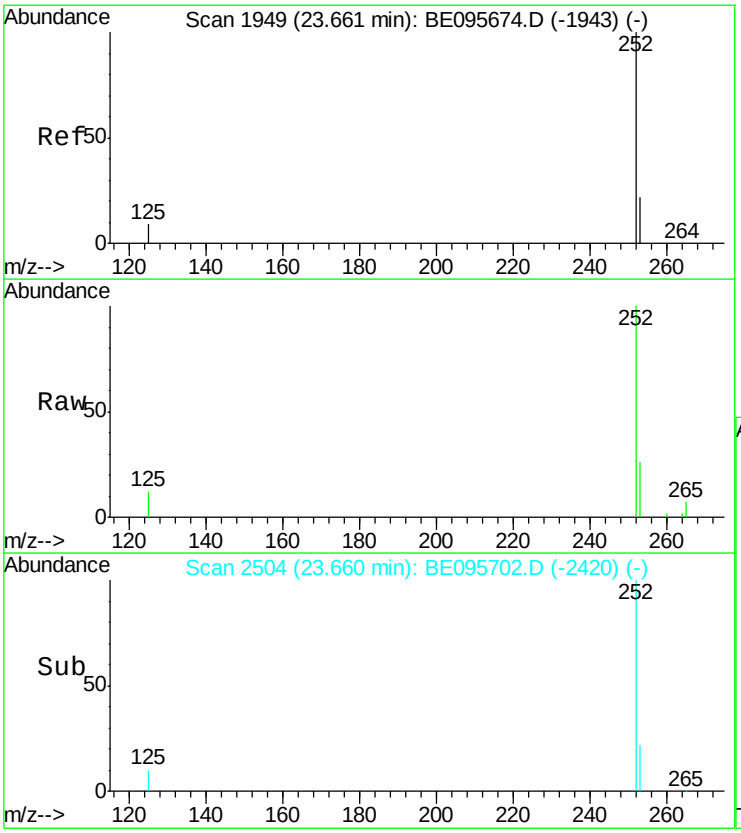
#35
Benzo(b)fluoranthene
Concen: 0.187 ng
RT: 23.61 min Scan# 2490
Delta R.T. 0.00 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4389

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.0	30.0
125	11.6	16.0	24.0#

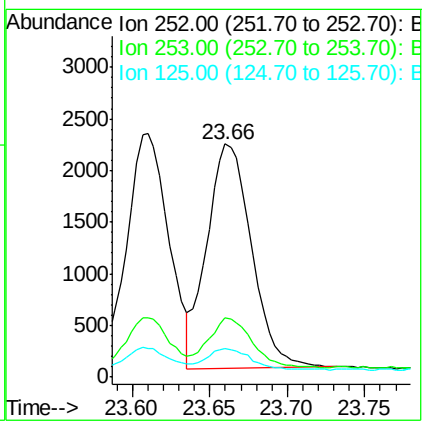


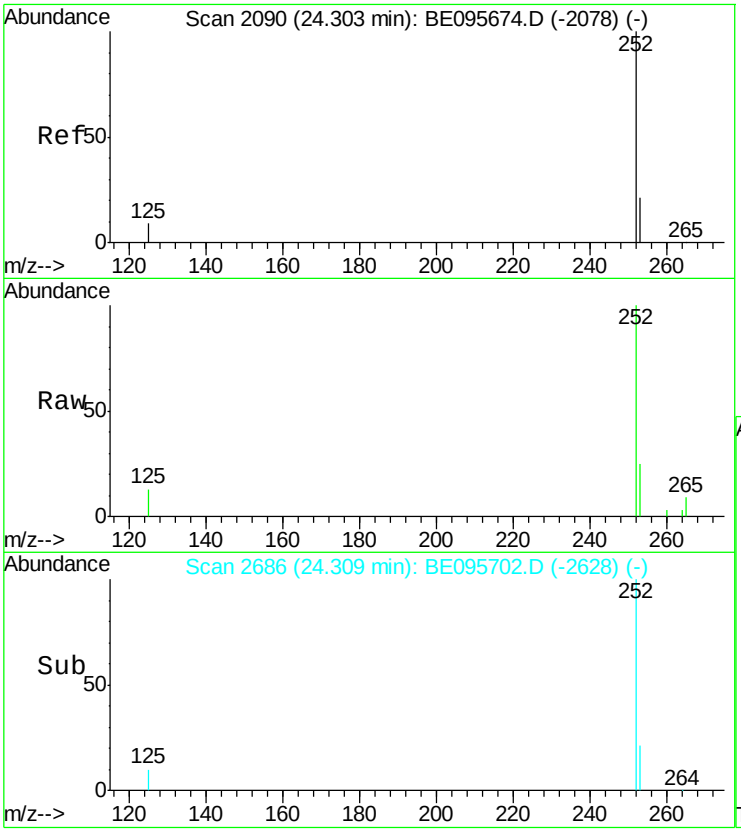


#36
Benzo(k)fluoranthene
Concen: 0.188 ng
RT: 23.66 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Tgt Ion:252 Resp: 4380

Ion	Ratio	Lower	Upper
252	100		
253	25.5	16.0	24.0#
125	12.3	8.0	12.0#



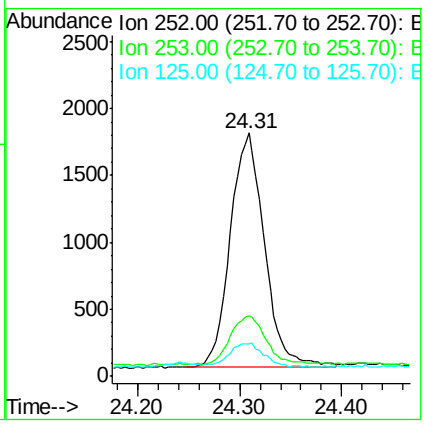


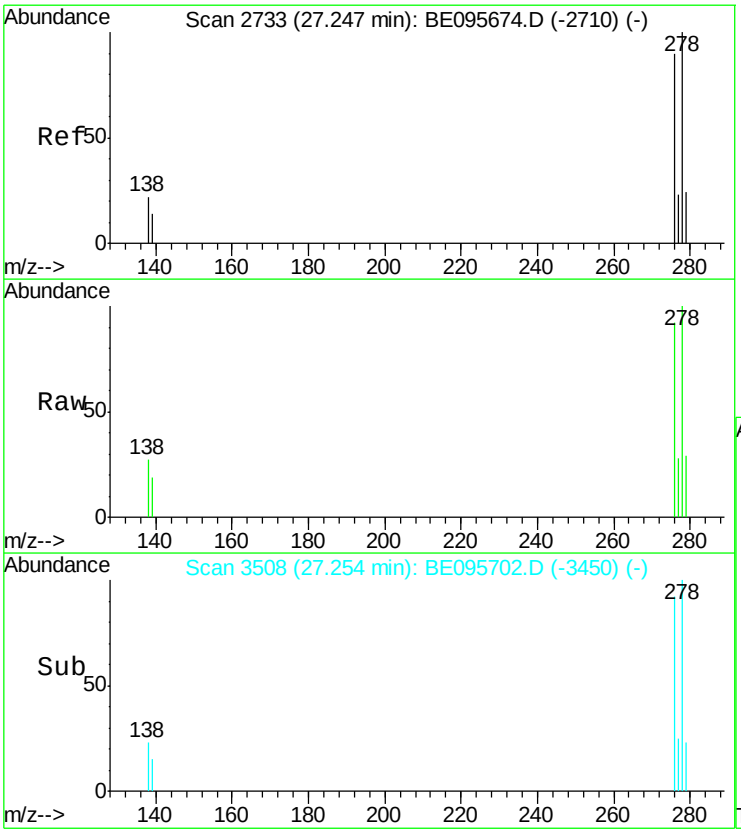
#37
Benzo(a)pyrene
Concen: 0.193 ng
RT: 24.31 min Scan# 2686
Delta R.T. 0.01 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4085

Ion	Ratio	Lower	Upper
252	100		
253	24.7	16.0	24.0#
125	13.1	12.0	18.0

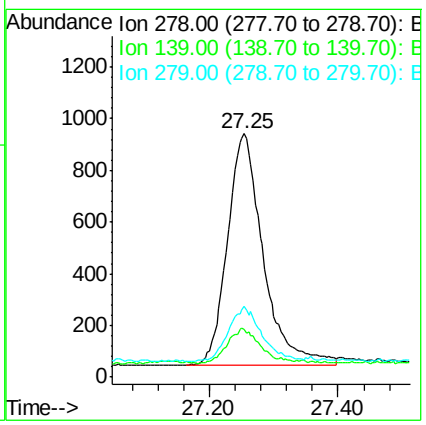


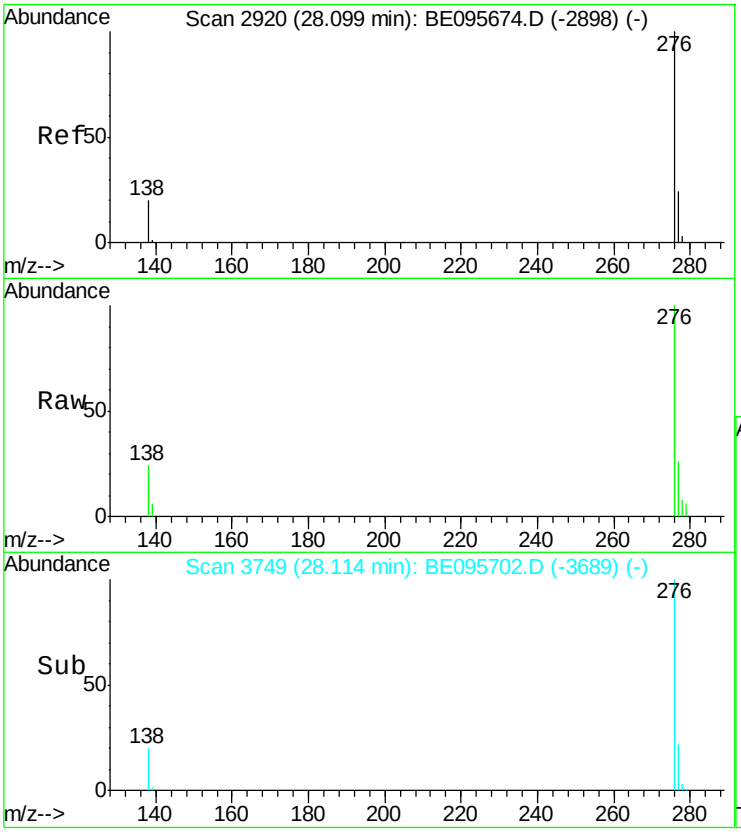


#38
Dibenzo(a,h)anthracene
Concen: 0.185 ng
RT: 27.25 min Scan# 3508
Delta R.T. 0.01 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Tgt Ion:278 Resp: 3476

Ion	Ratio	Lower	Upper
278	100		
139	19.4	16.0	24.0
279	29.3	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.193 ng
RT: 28.11 min Scan# 3749
Delta R.T. 0.01 min
Lab File: BE095702.D
Acq: 6 Mar 2018 17:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 3898

Ion	Ratio	Lower	Upper
276	100		
277	25.5	16.0	24.0#
138	24.3	20.0	30.0