Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041118\
Data File : BE095973.D
Acq On : 11 Apr 2018 16:34
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Apr 11 17:09:40 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 11 15:27:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1361	0.40	ng		0.00
7) Naphthalene-d8	11.22	136	5328	0.40	ng		0.00
13) Acenaphthene-d10	14.97	164	2951	0.40	ng		0.00
19) Phenanthrene-d10	17.67	188	6881	0.40	ng		-0.01
27) Chrysene-d12	21.78	240	7707	0.40	ng		0.00
34) Perylene-d12	24.39	264	7100	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.88	112	13440	3.00	ng		0.00
5) Phenol-d6	7.53	99	19071	3.09	ng		0.00
8) Nitrobenzene-d5	9.57	82	20210	3.21	ng		0.00
11) 2-Methylnaphthalene-d10	12.76	152	26913	3.03	ng		0.00
14) 2,4,6-Tribromophenol	16.44	330	5026	2.95	ng		0.00
15) 2-Fluorobiphenyl	13.61	172	39900	3.21	ng		0.00
25) Fluoranthene-d10	19.66	212	297396	2.91	ng		0.00
29) Terphenyl-d14	20.22	244	53865	3.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	6571	2.949	ng	#	87
3) n-Nitrosodimethylamine	3.97	42	8868	2.711	ng	#	84
6) bis(2-Chloroethyl)ether	7.78	93	16342	3.071	ng		96
9) Naphthalene	11.27	128	173341	2.848	ng		99
10) Hexachlorobutadiene	11.53	225	7677	1.837	ng		96
12) 2-Methylnaphthalene	12.83	142	29536	2.842	ng		95
16) Acenaphthylene	14.70	152	51097	3.028	ng		100
17) Acenaphthene	15.04	154	31018	3.013	ng		99
18) Fluorene	15.99	166	37193	2.747	ng	#	78
20) 4-Bromophenyl-phenylether	16.87	248	13137	3.176	ng	#	83
21) Hexachlorobenzene	17.00	284	12909	3.126	ng	#	82
22) Pentachlorophenol	17.33	266	5857	4.905	ng	#	70
23) Phenanthrene	17.72	178	61259	2.974	ng		99
24) Anthracene	17.81	178	60431	2.934	ng		95
26) Fluoranthene	19.69	202	80417	2.811	ng		98
28) Pyrene	20.05	202	51778	1.649	ng		99
30) Benzo(a)anthracene	21.75	228	77721	2.908	ng		97
31) Chrysene	21.81	228	73312	3.006	ng		99
32) Bis(2-ethylhexyl)phthalate	21.63	149	199429	2.440	ng		100
33) Indeno(1,2,3-cd)pyrene	27.19	276	73225	2.787	ng		95
35) Benzo(b)fluoranthene	23.58	252	68206	2.904	ng	#	87
36) Benzo(k)fluoranthene	23.63	252	70012	2.980	ng		98
37) Benzo(a)pyrene	24.27	252	65404	2.971	ng	#	94
38) Dibenzo(a,h)anthracene	27.20	278	59902	2.864	ng	#	94
39) Benzo(g,h,i)perylene	28.06	276	60569	2.883	ng	#	91

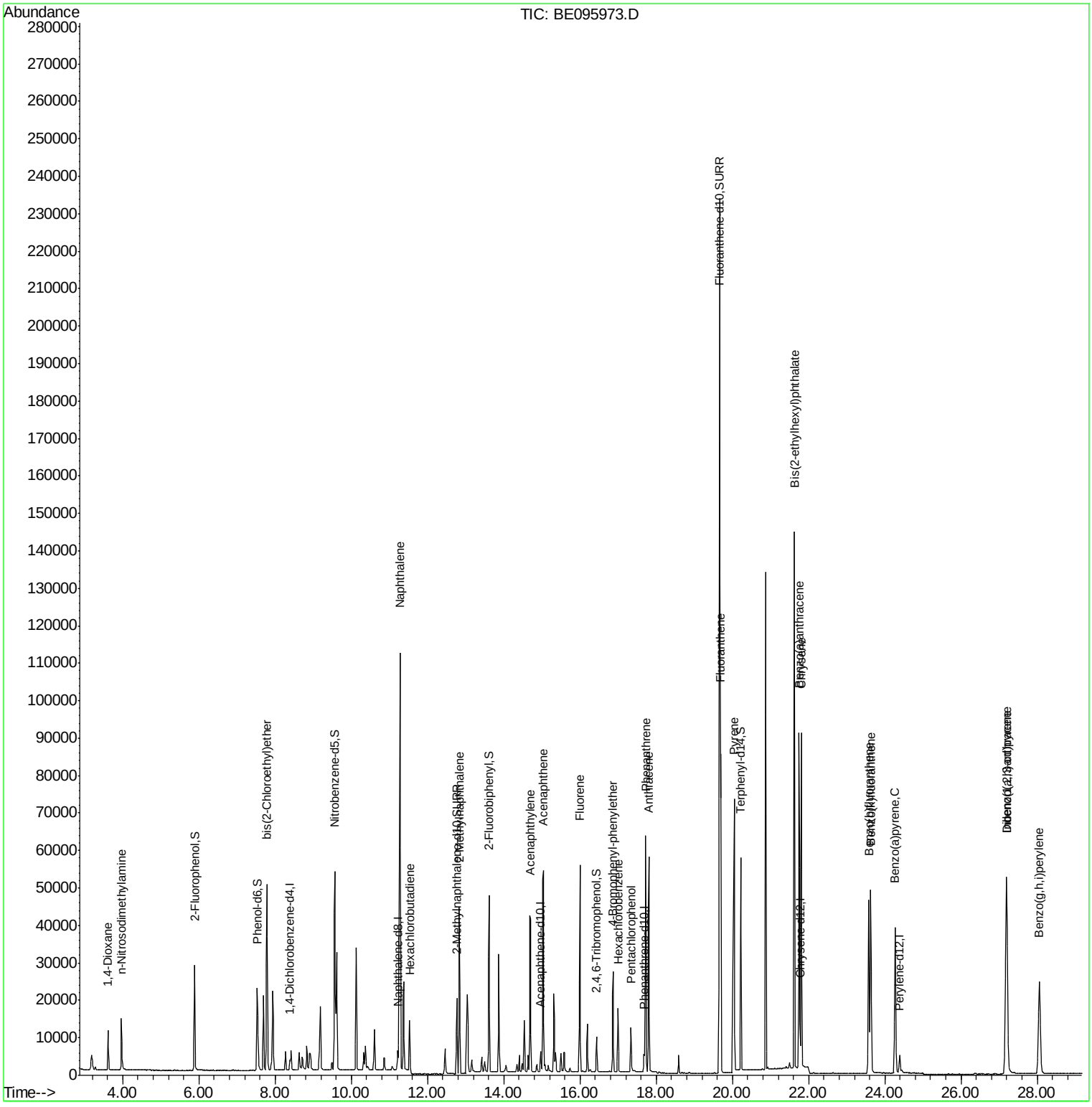
(#) = qualifier out of range (m) = manual integration (+) = signals summed

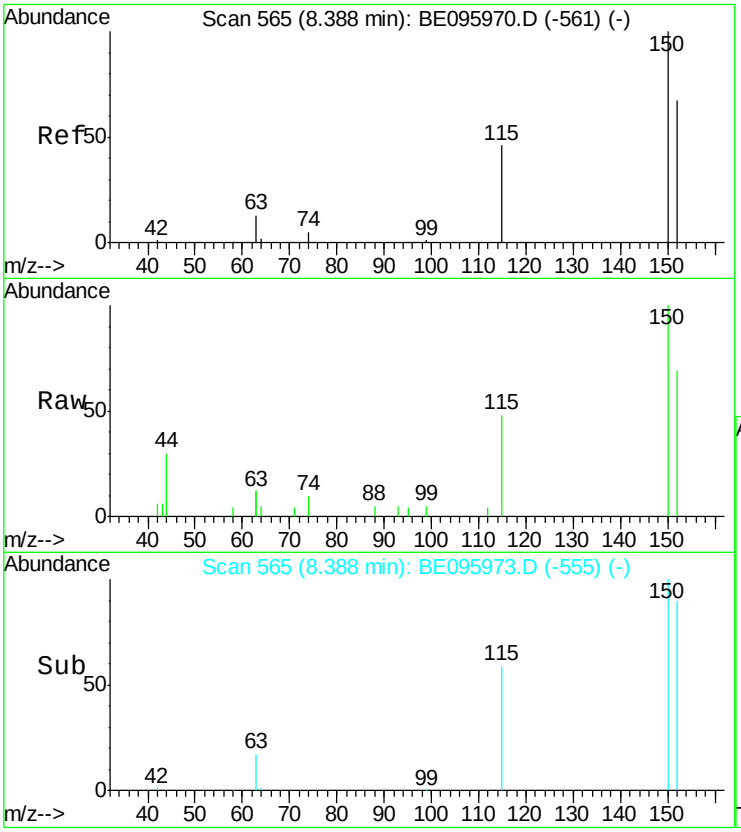
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041118\
Data File : BE095973.D
Acq On : 11 Apr 2018 16:34
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Apr 11 17:09:40 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 11 15:27:06 2018
Response via : Initial Calibration



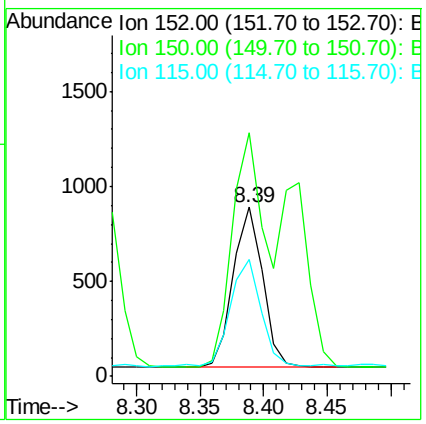


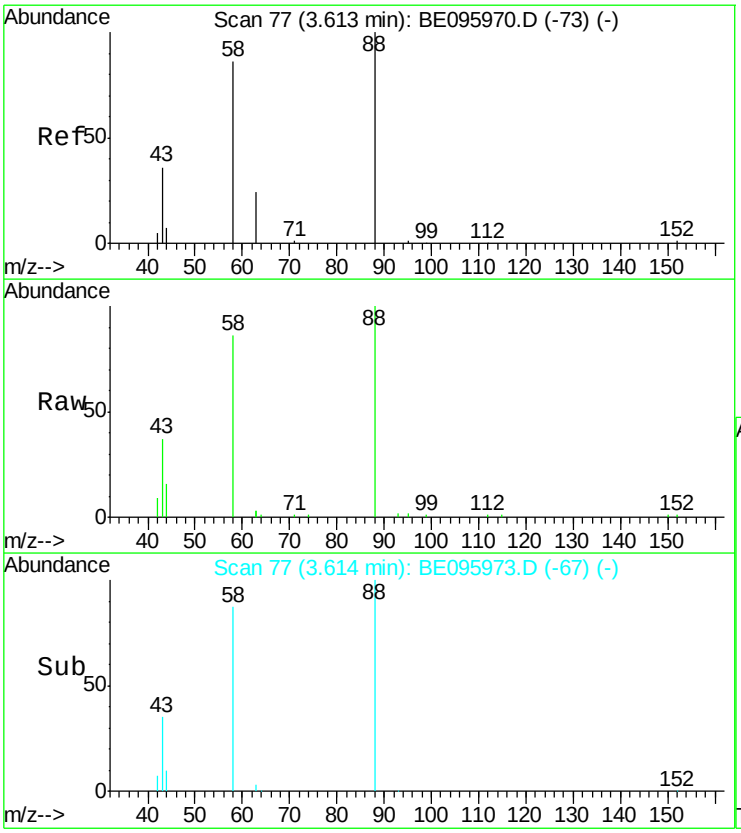
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.39 min Scan# 565
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1361

Ion	Ratio	Lower	Upper
152	100		
150	144.2	117.2	175.8
115	69.2	57.0	85.6

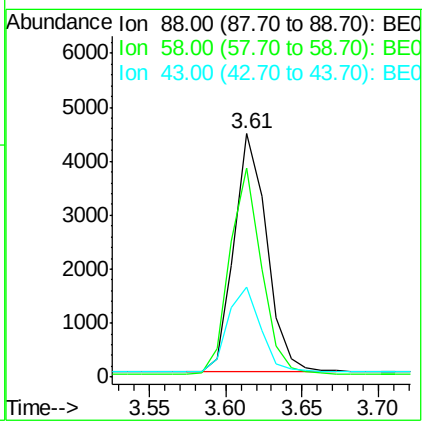


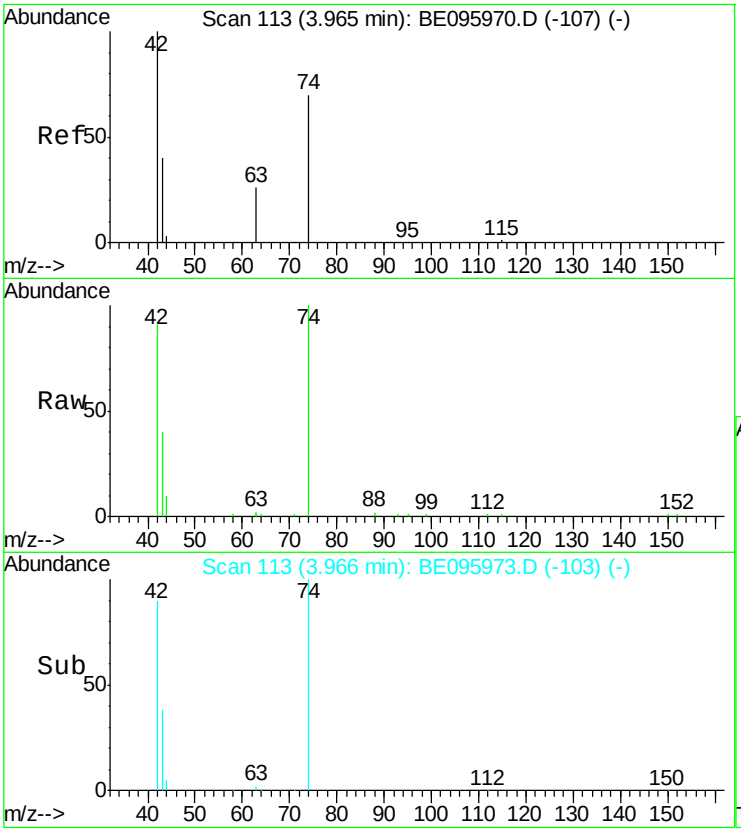


#2
1,4-Dioxane
Concen: 2.949 ng
RT: 3.61 min Scan# 77
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Tgt Ion: 88 Resp: 6571

Ion	Ratio	Lower	Upper
88	100		
58	84.9	63.2	94.8
43	36.1	41.2	61.8#



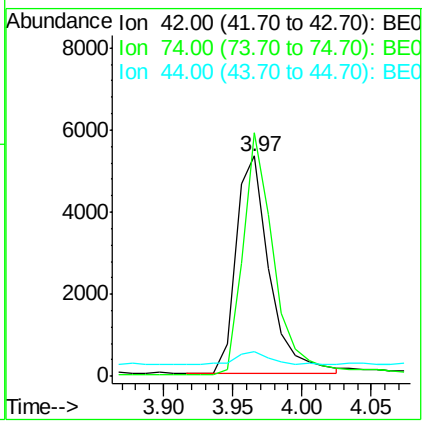


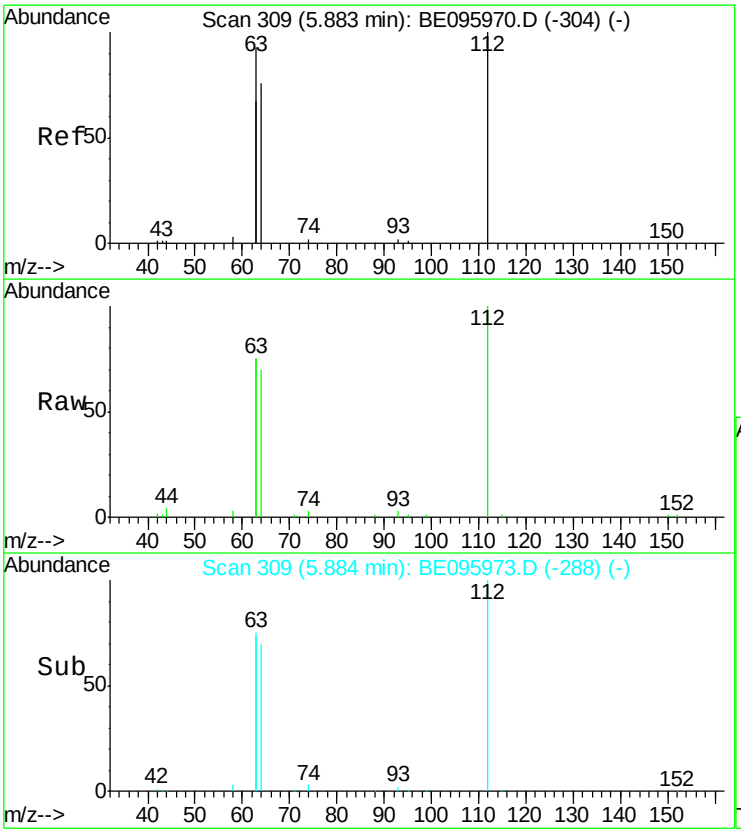
#3
n-Nitrosodimethylamine
Concen: 2.711 ng
RT: 3.97 min Scan# 113
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 8868

Ion	Ratio	Lower	Upper
42	100		
74	102.2	96.0	144.0
44	6.6	12.0	18.0#

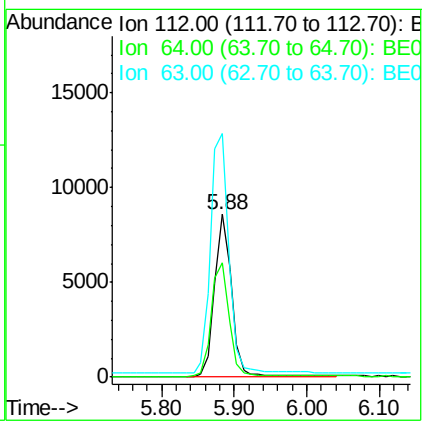


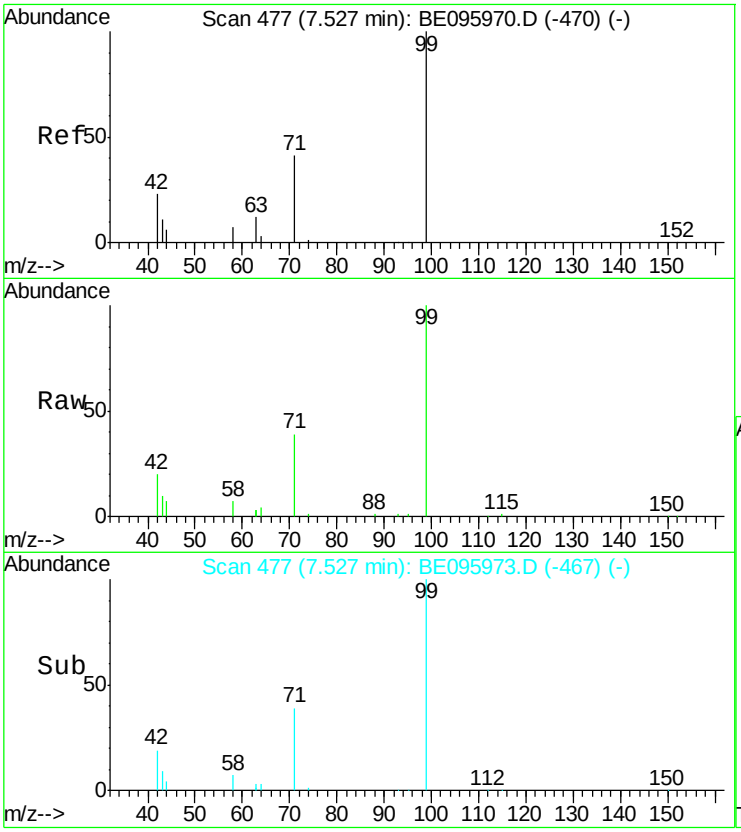


#4
2-Fluorophenol
Concen: 2.996 ng
RT: 5.88 min Scan# 309
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Tgt Ion:112 Resp: 13440

Ion	Ratio	Lower	Upper
112	100		
64	74.7	60.1	90.1
63	162.9	116.8	175.2



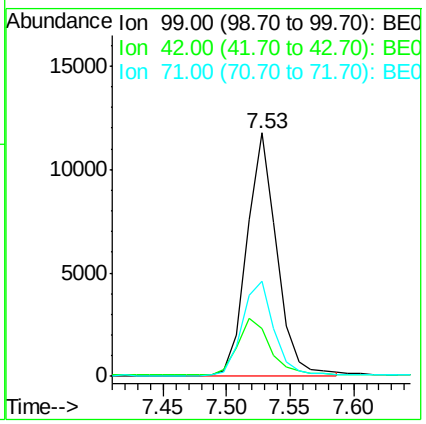


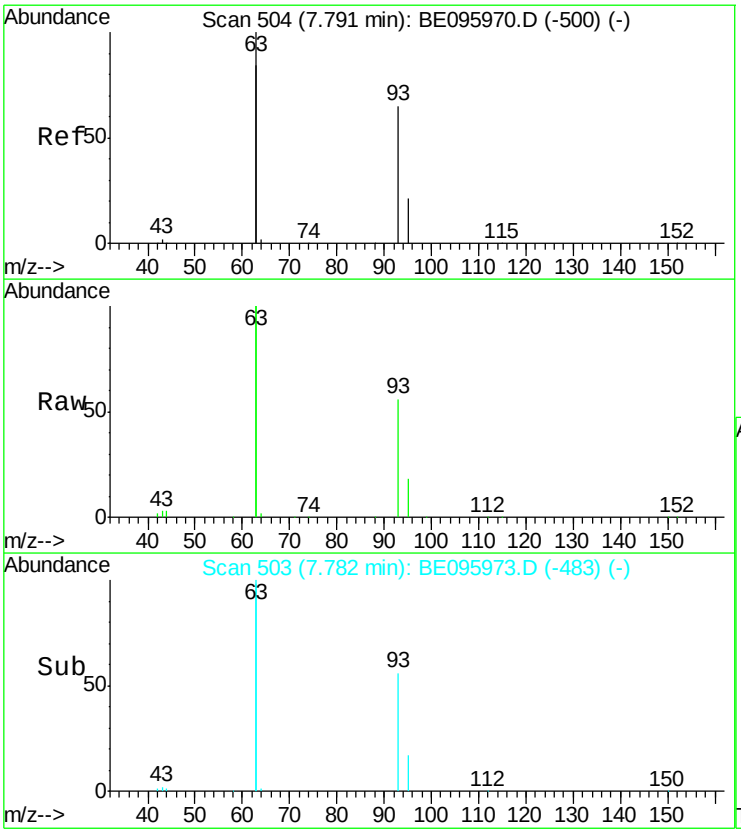
#5
Phenol-d6
Concen: 3.091 ng
RT: 7.53 min Scan# 477
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 19071

Ion	Ratio	Lower	Upper
99	100		
42	25.4	20.2	30.2
71	41.1	28.4	42.6

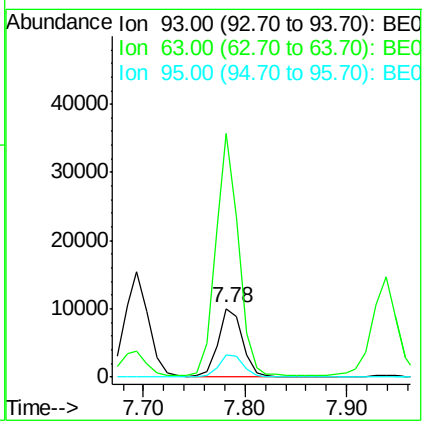


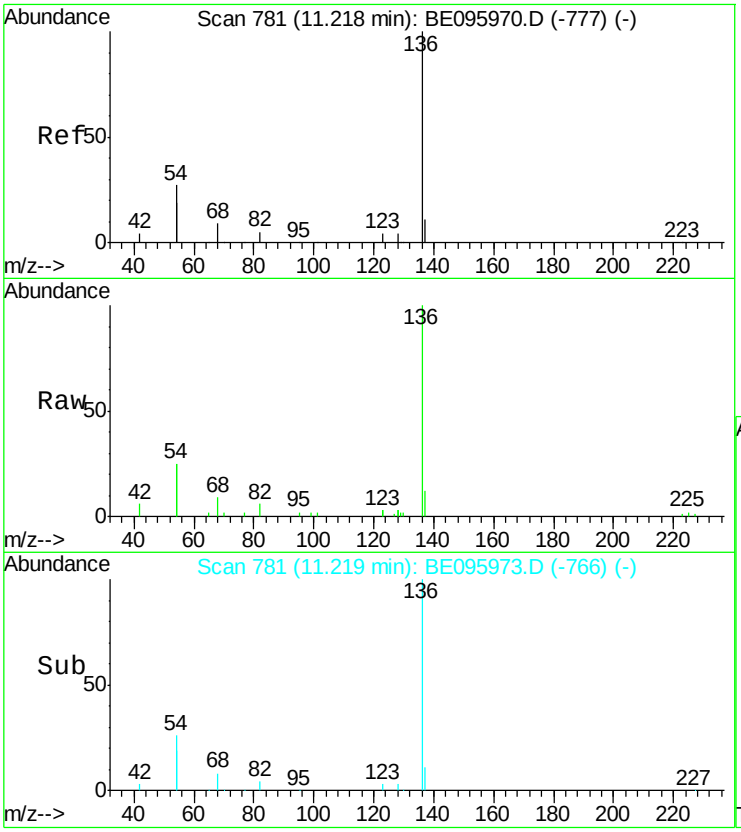


#6
bis(2-Chloroethyl)ether
Concen: 3.071 ng
RT: 7.78 min Scan# 503
Delta R.T. -0.01 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Tgt Ion: 93 Resp: 16342

Ion	Ratio	Lower	Upper
93	100		
63	335.2	275.3	412.9
95	32.2	25.2	37.8



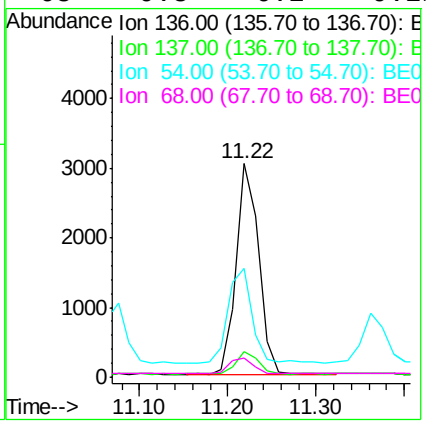


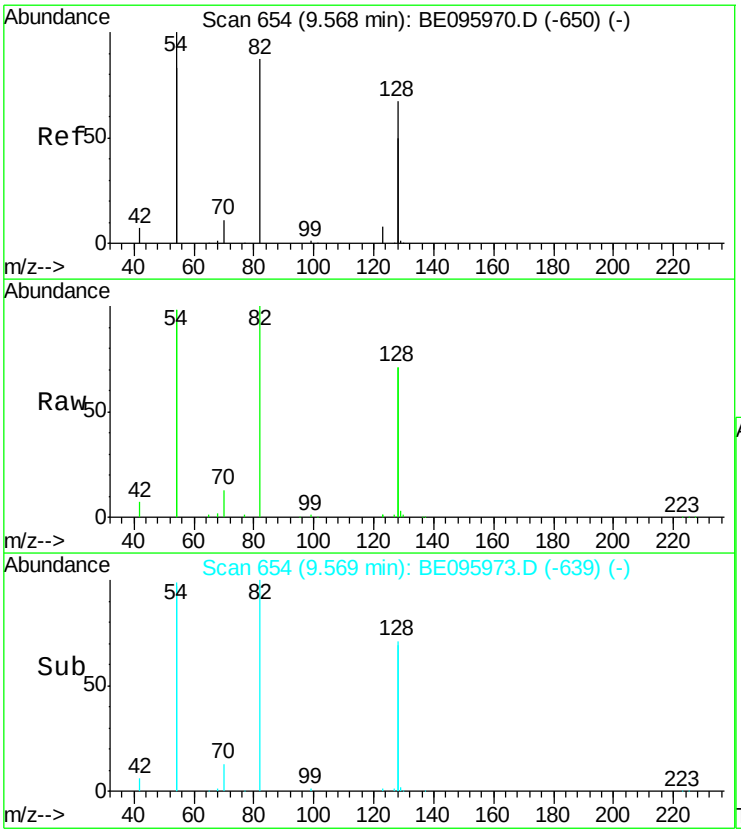
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.22 min Scan# 781
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5328

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	50.9	29.1	43.7#
68	9.3	6.2	9.2#

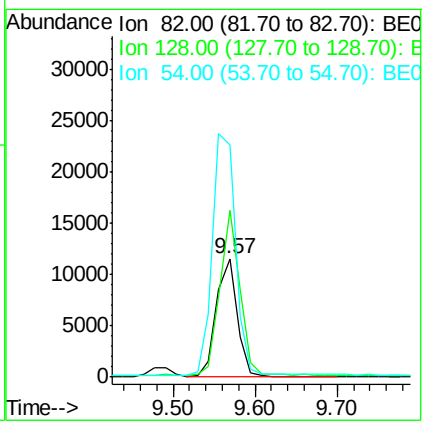


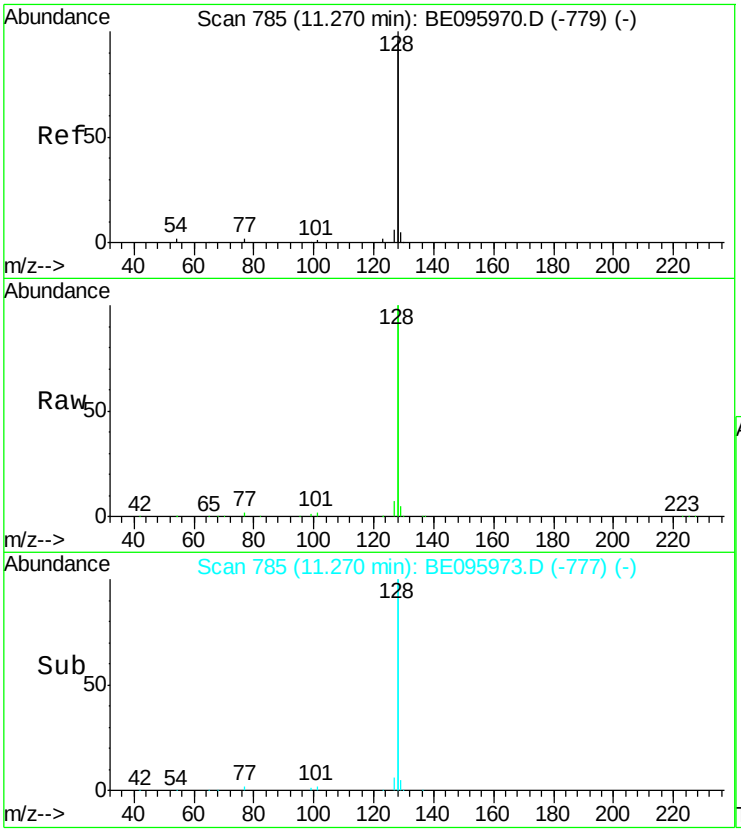


#8
Nitrobenzene-d5
Concen: 3.211 ng
RT: 9.57 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Tgt Ion: 82 Resp: 20210

Ion	Ratio	Lower	Upper
82	100		
128	141.4	150.0	225.0#
54	196.6	154.2	231.4



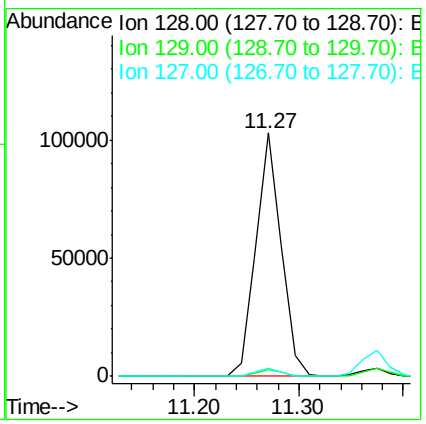


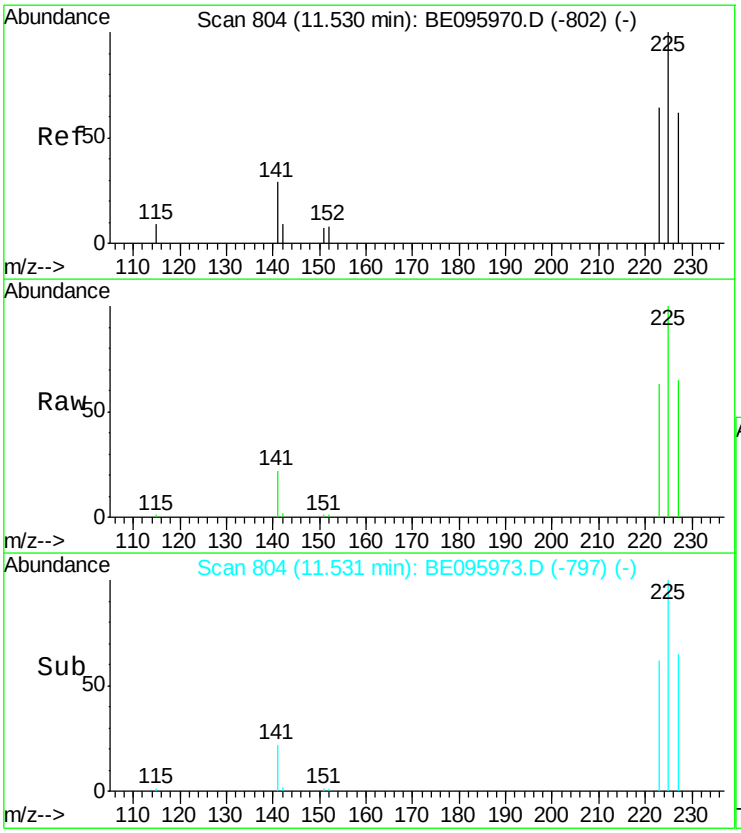
#9
Naphthalene
Concen: 2.848 ng
RT: 11.27 min Scan# 785
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 173341

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.6	3.8
127	3.3	2.8	4.2

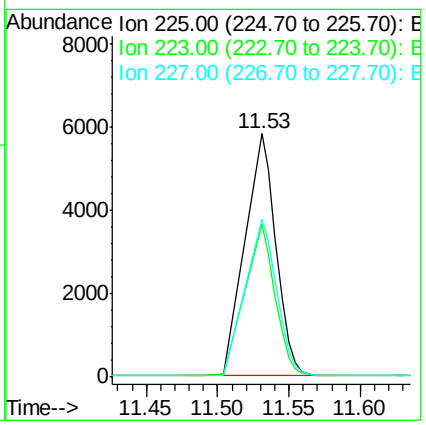


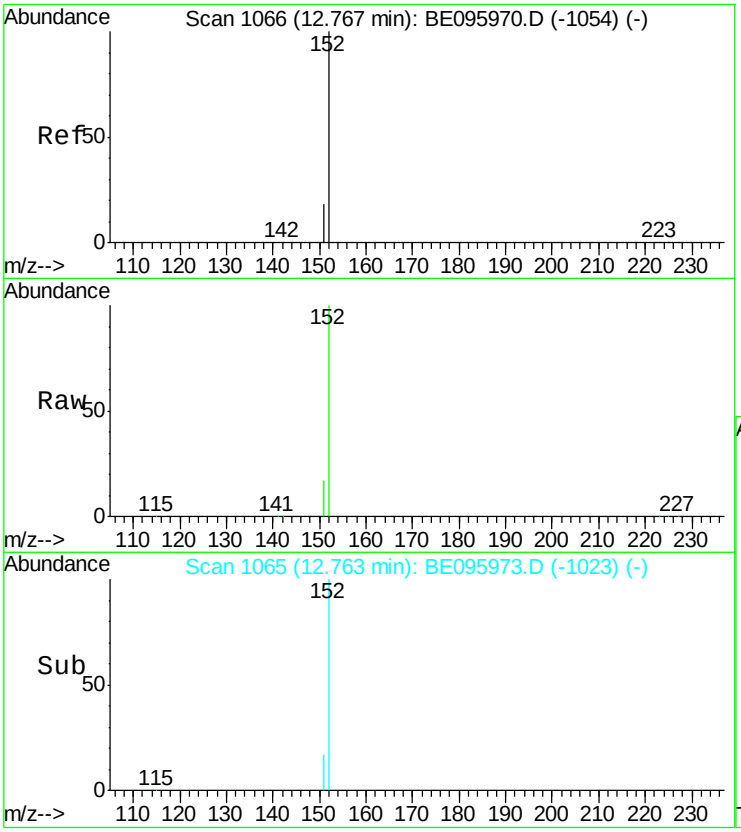


#10
Hexachlorobutadiene
Concen: 1.837 ng
RT: 11.53 min Scan# 804
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Tgt Ion:225 Resp: 7677

Ion	Ratio	Lower	Upper
225	100		
223	63.3	53.0	79.6
227	67.0	51.4	77.2



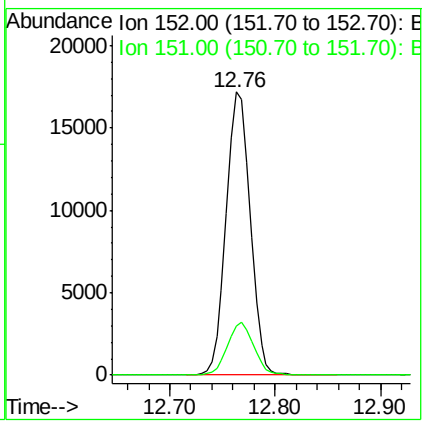


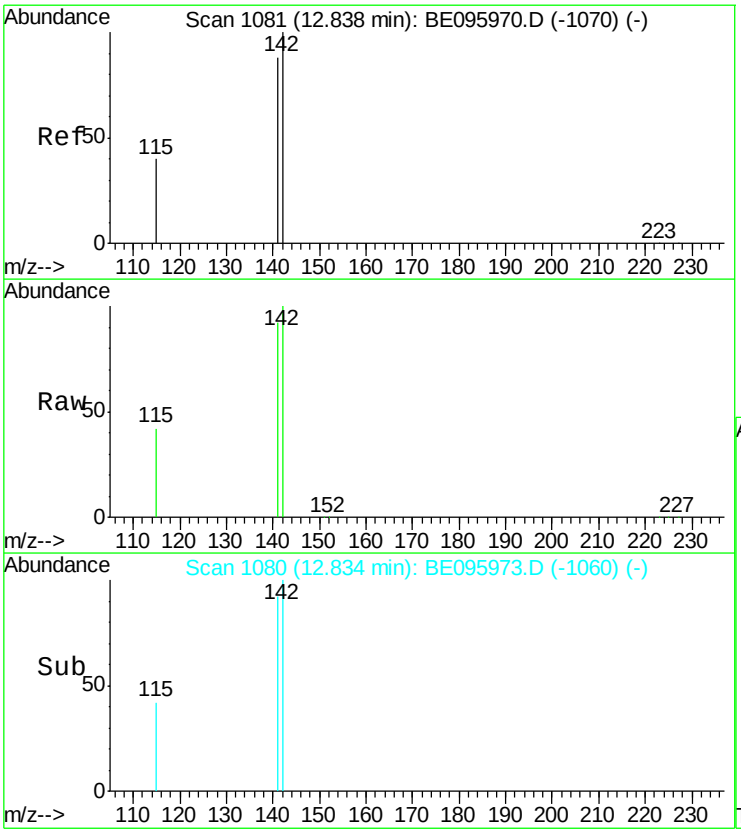
#11
2-Methylnaphthalene-d10
Concen: 3.026 ng
RT: 12.76 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 26913

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.0

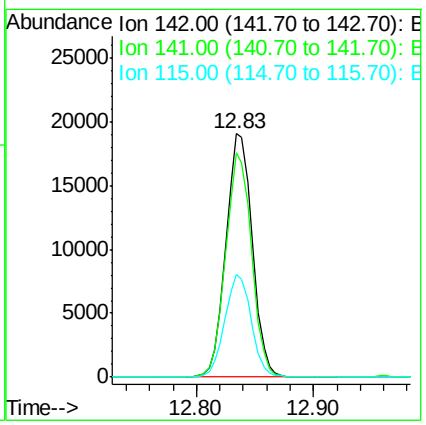


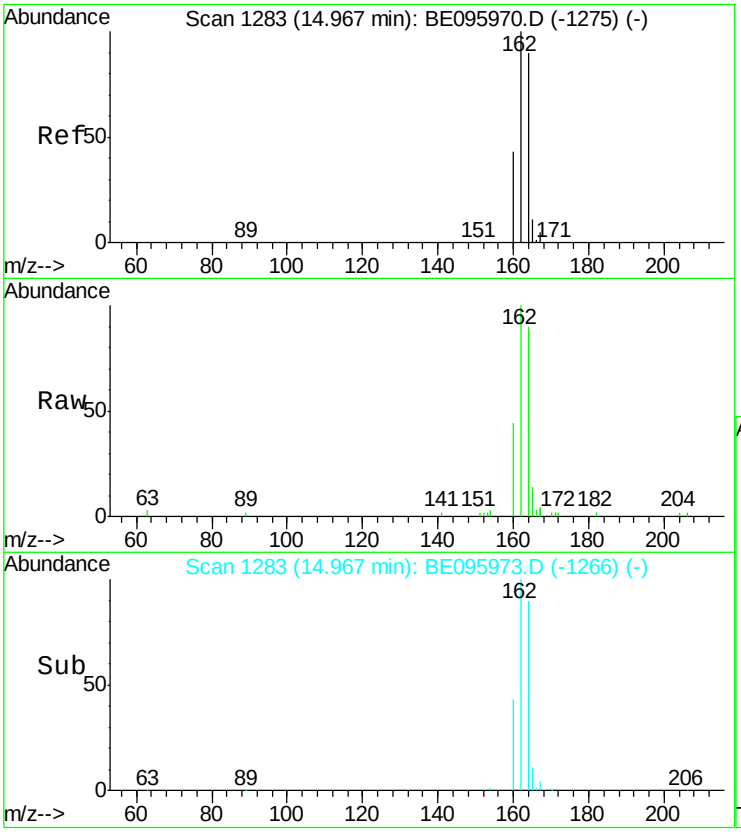


#12
2-Methylnaphthalene
Concen: 2.842 ng
RT: 12.83 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Tgt Ion:142 Resp: 29536

Ion	Ratio	Lower	Upper
142	100		
141	92.3	70.4	105.6
115	42.3	31.7	47.5



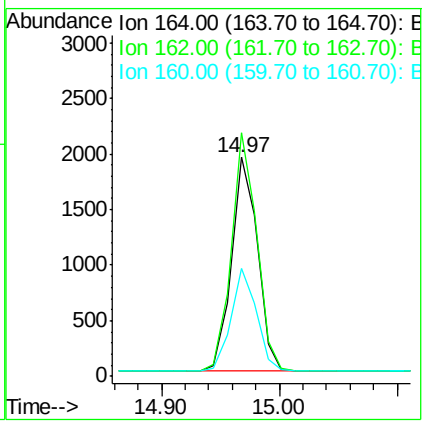


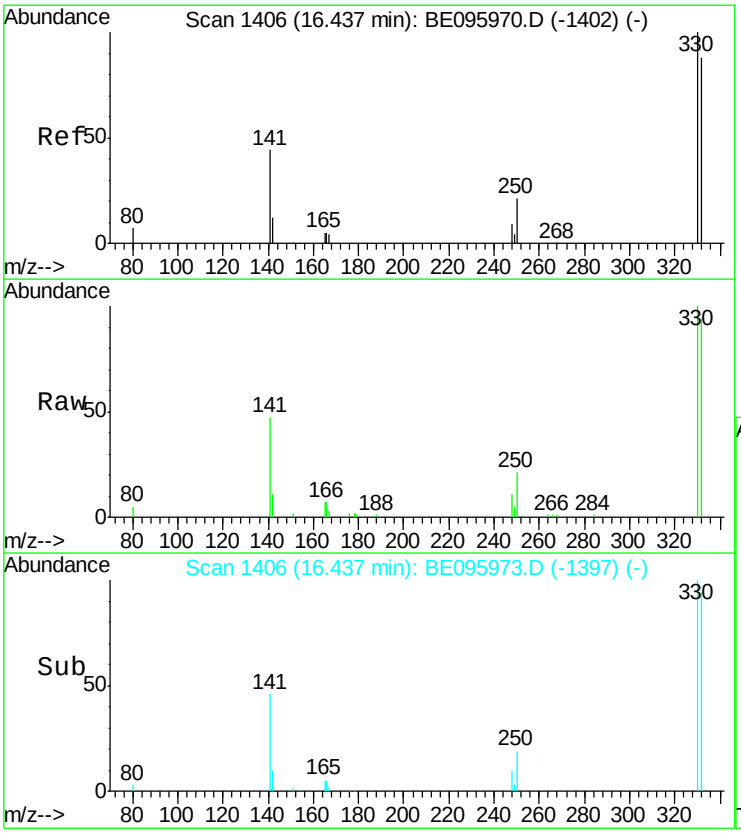
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.97 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2951

Ion	Ratio	Lower	Upper
164	100		
162	111.3	83.1	124.7
160	49.1	37.1	55.7

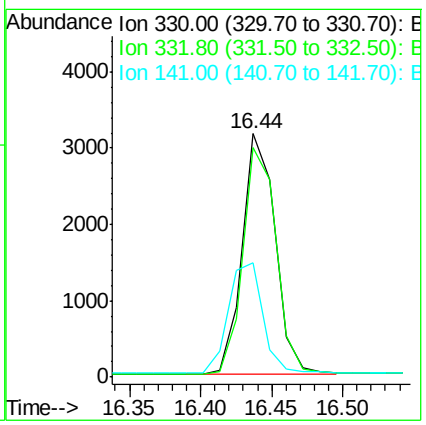


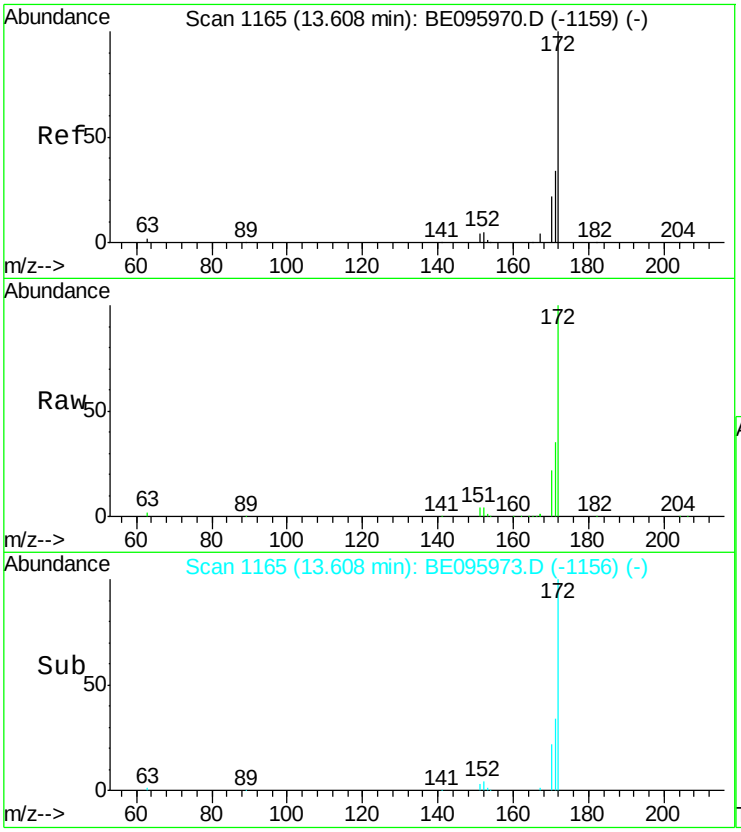


#14
2,4,6-Tribromophenol
Concen: 2.951 ng
RT: 16.44 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Tgt Ion:330 Resp: 5026

Ion	Ratio	Lower	Upper
330	100		
332	95.8	152.7	229.1#
141	48.2	33.7	50.5



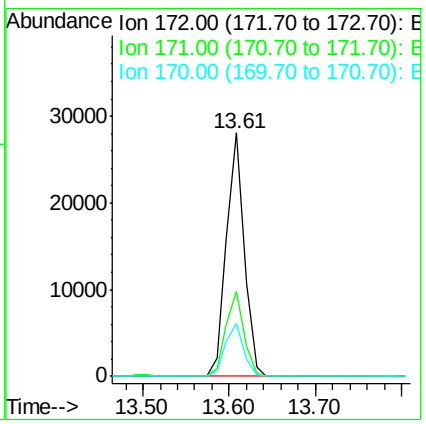


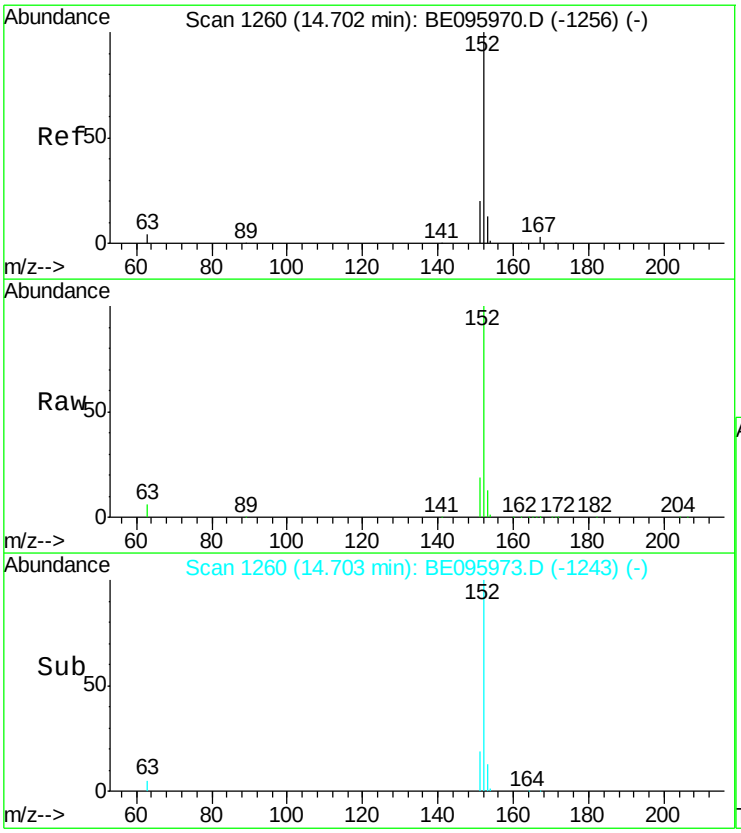
#15
2-Fluorobiphenyl
Concen: 3.208 ng
RT: 13.61 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 39900

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.9	44.9
170	21.9	21.8	32.8

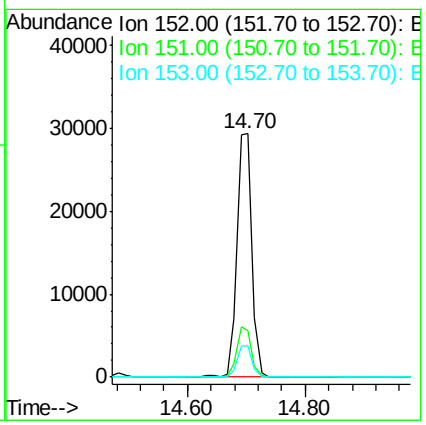


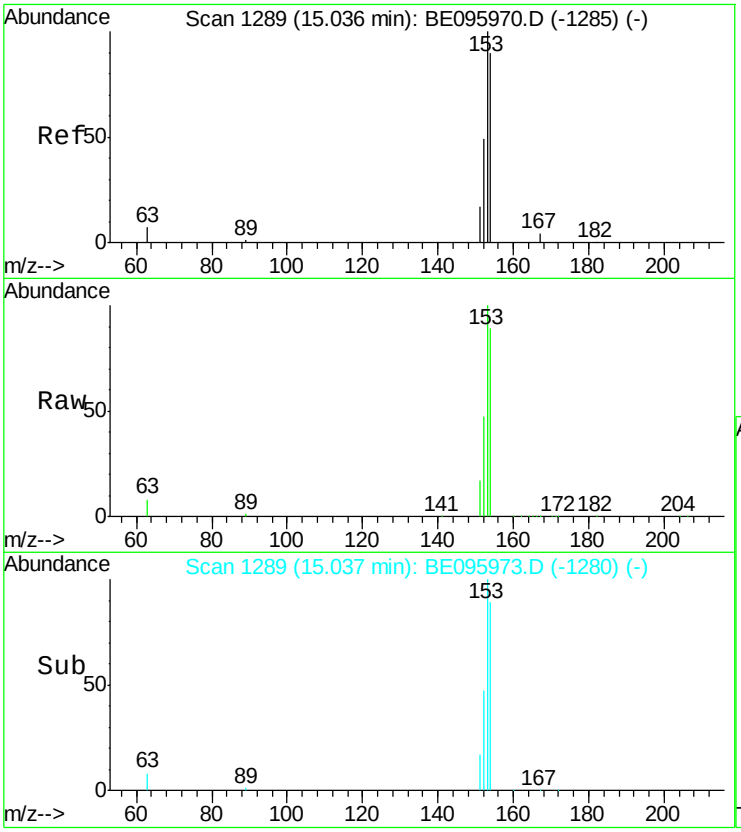


#16
Acenaphthylene
Concen: 3.028 ng
RT: 14.70 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Tgt Ion:152 Resp: 51097

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	12.9	10.5	15.7



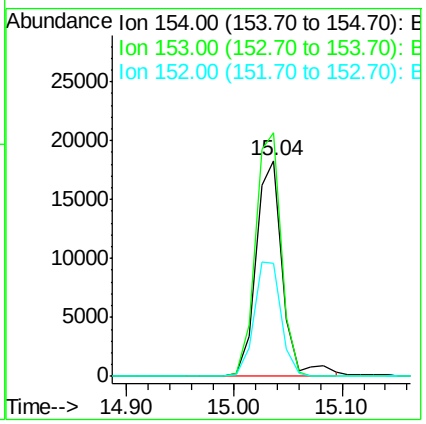


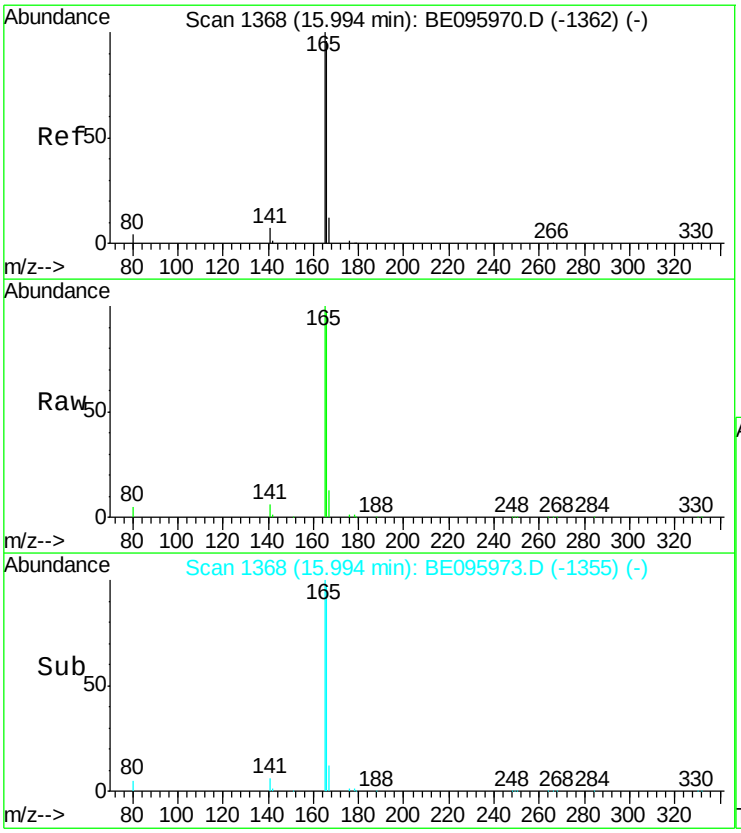
#17
Acenaphthene
Concen: 3.013 ng
RT: 15.04 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 31018

Ion	Ratio	Lower	Upper
154	100		
153	110.9	89.2	133.8
152	53.9	42.0	63.0

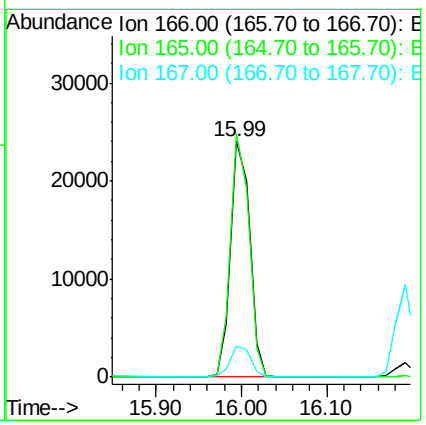


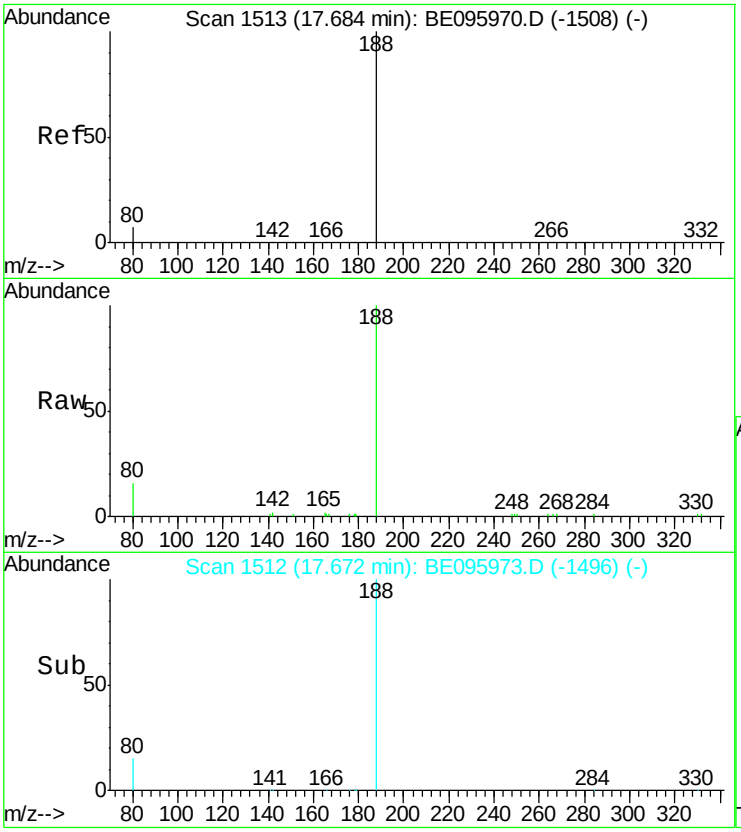


#18
Fluorene
Concen: 2.747 ng
RT: 15.99 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Tgt Ion:166 Resp: 37193

Ion	Ratio	Lower	Upper
166	100		
165	100.5	77.8	116.6
167	13.5	42.4	63.6#



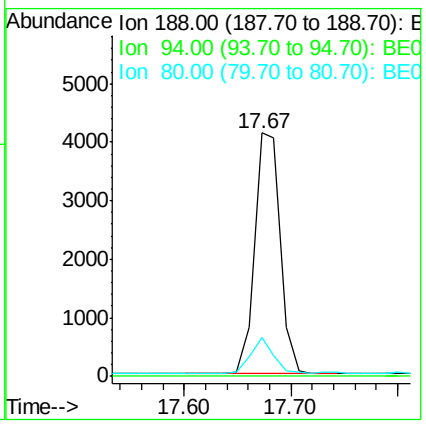


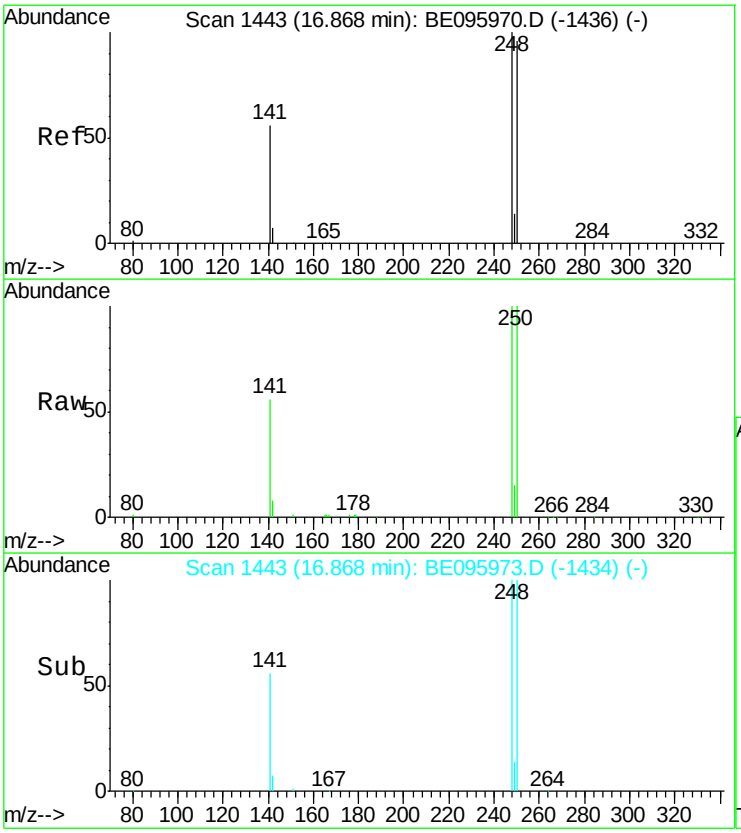
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.67 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6881

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	16.1	3.6	5.4#

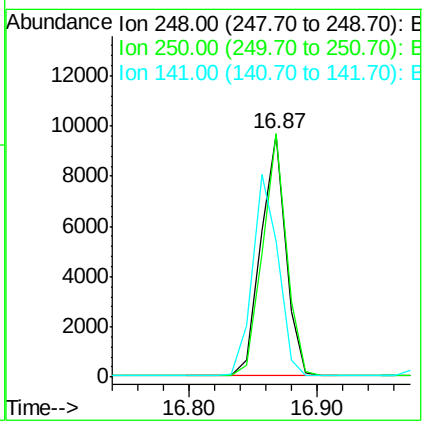


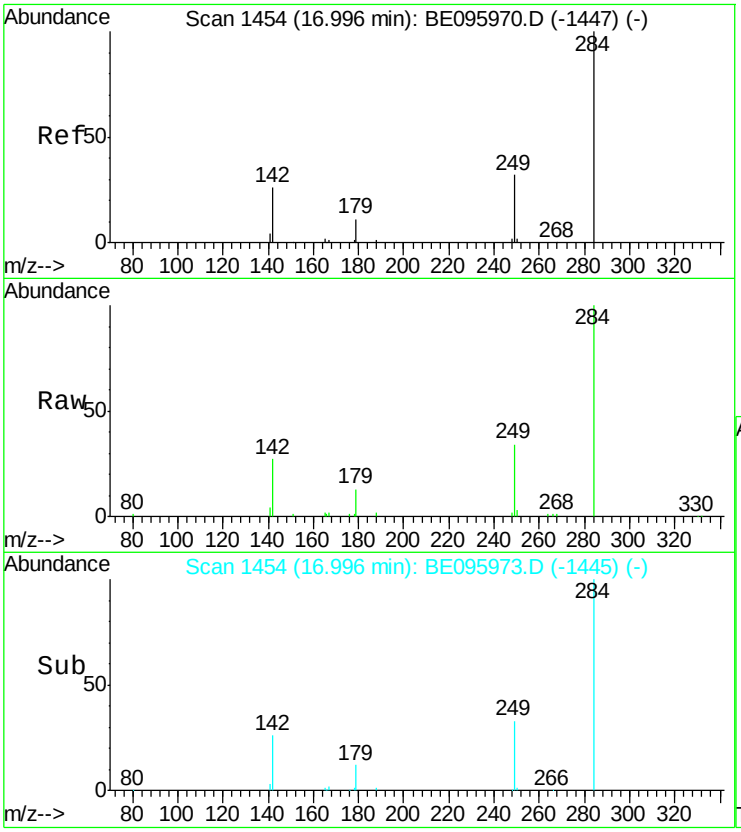


#20
4-Bromophenyl-phenylether
Concen: 3.176 ng
RT: 16.87 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Tgt Ion:248 Resp: 13137

Ion	Ratio	Lower	Upper
248	100		
250	100.5	62.7	94.1#
141	56.3	48.2	72.2



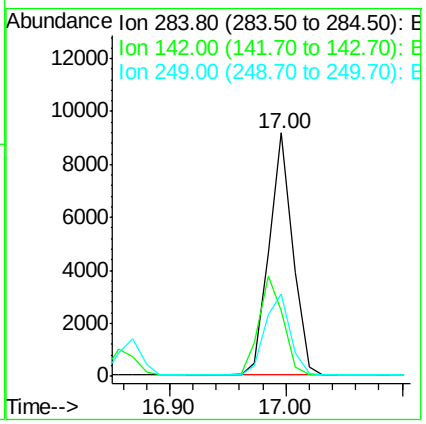


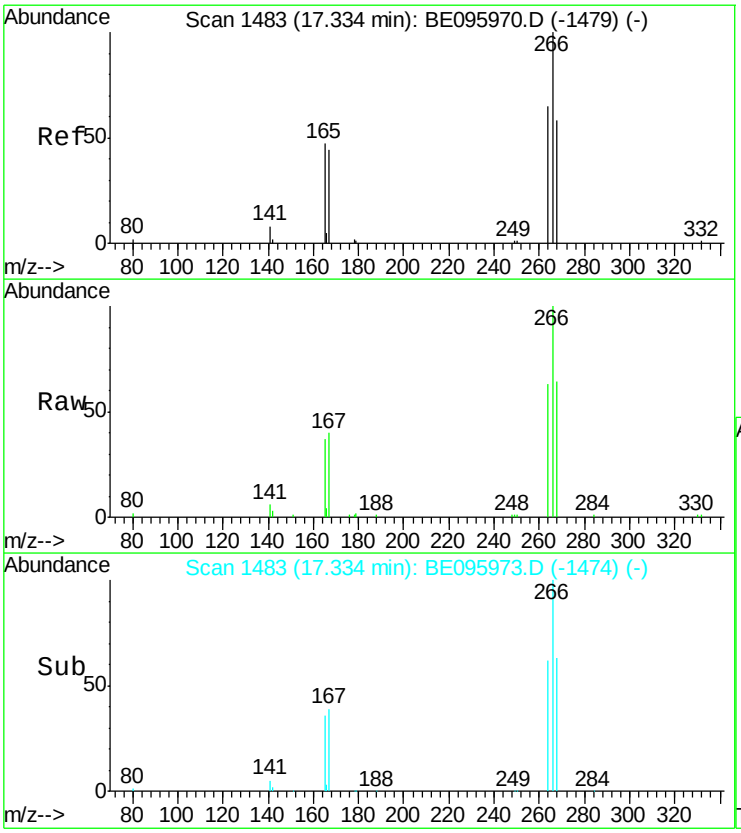
#21
Hexachlorobenzene
Concen: 3.126 ng
RT: 17.00 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 12909

Ion	Ratio	Lower	Upper
284	100		
142	42.2	22.1	33.1#
249	35.7	34.8	52.2

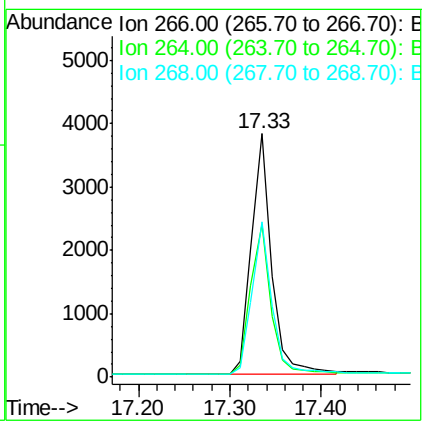


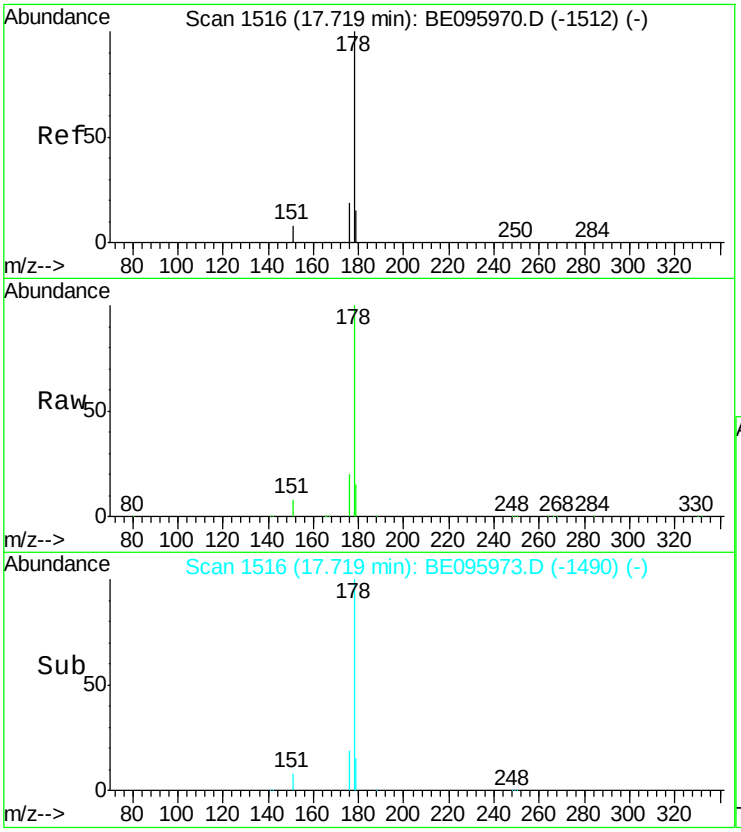


#22
Pentachlorophenol
Concen: 4.905 ng
RT: 17.33 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Tgt Ion:266 Resp: 5857

Ion	Ratio	Lower	Upper
266	100		
264	62.6	72.5	108.7#
268	63.9	73.8	110.6#



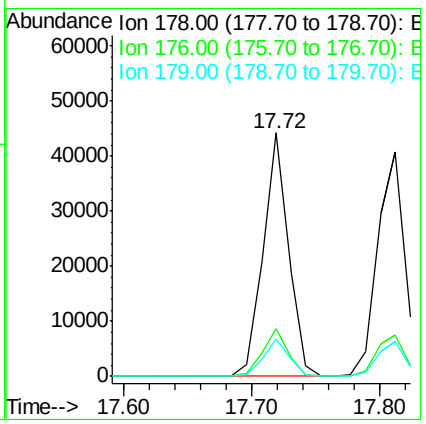


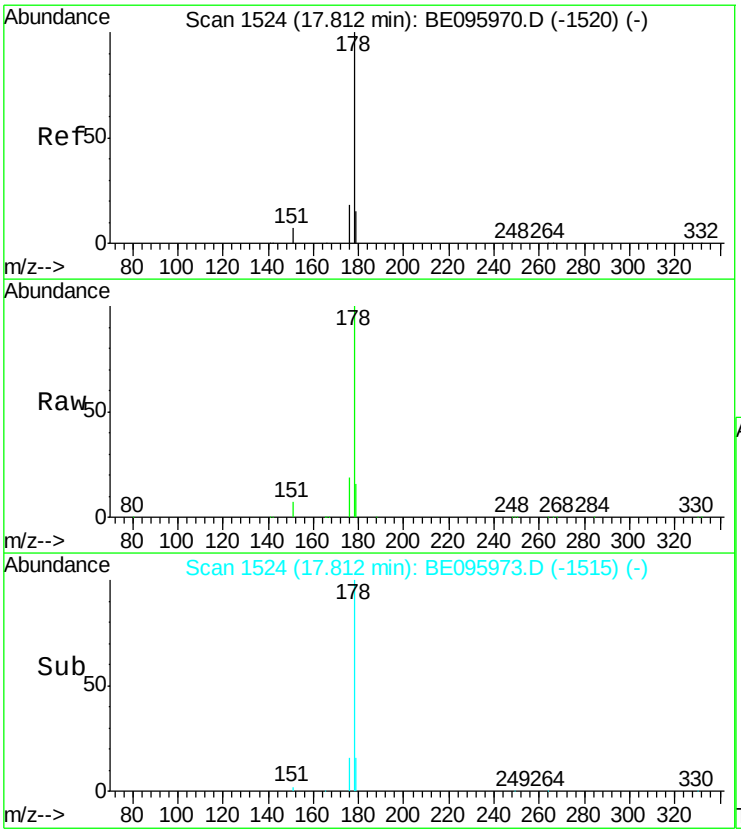
#23
Phenanthrene
Concen: 2.974 ng
RT: 17.72 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 61259

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

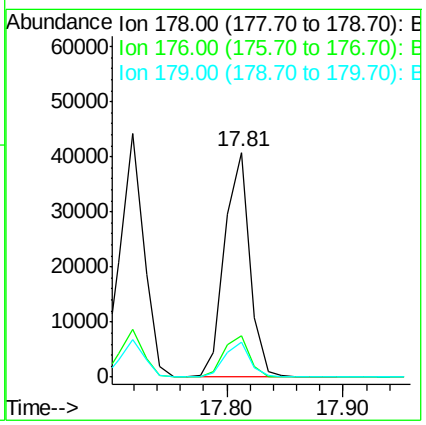


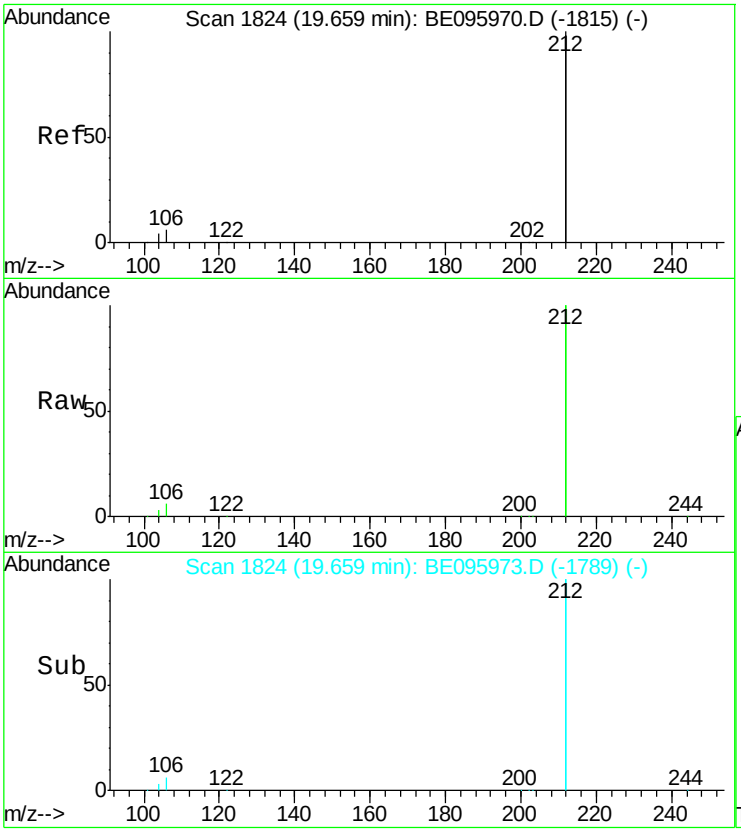


#24
Anthracene
Concen: 2.934 ng
RT: 17.81 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Tgt Ion:178 Resp: 60431

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	15.3	13.0	19.6



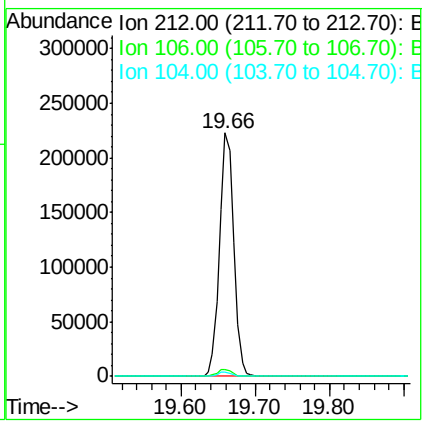


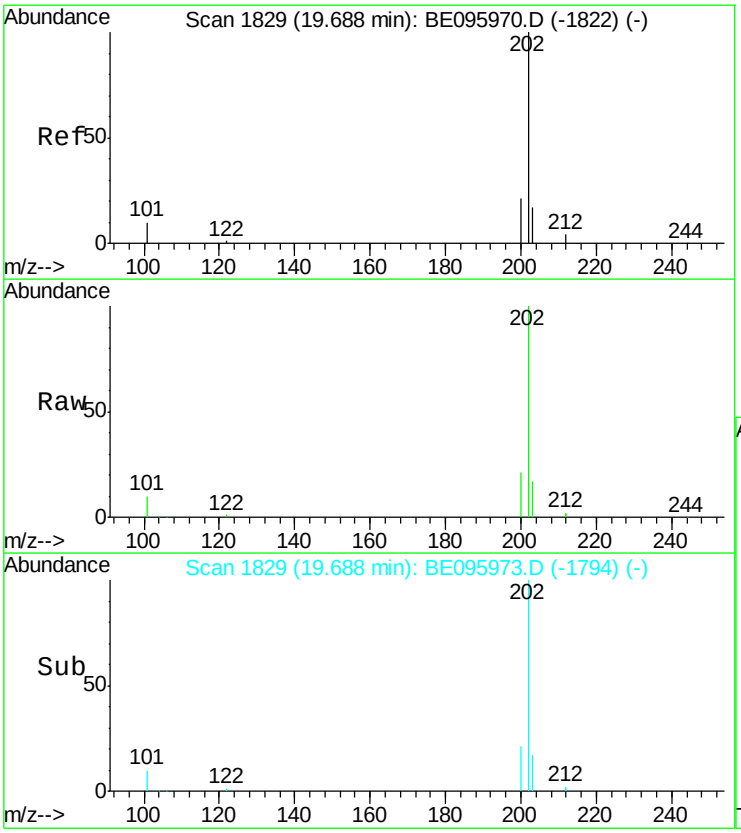
#25
Fluoranthene-d10
Concen: 2.910 ng
RT: 19.66 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 297396

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.7	1.6	2.4

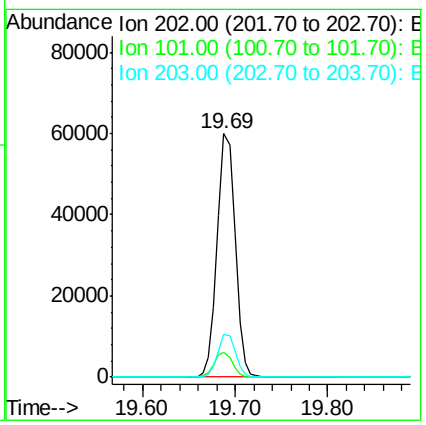


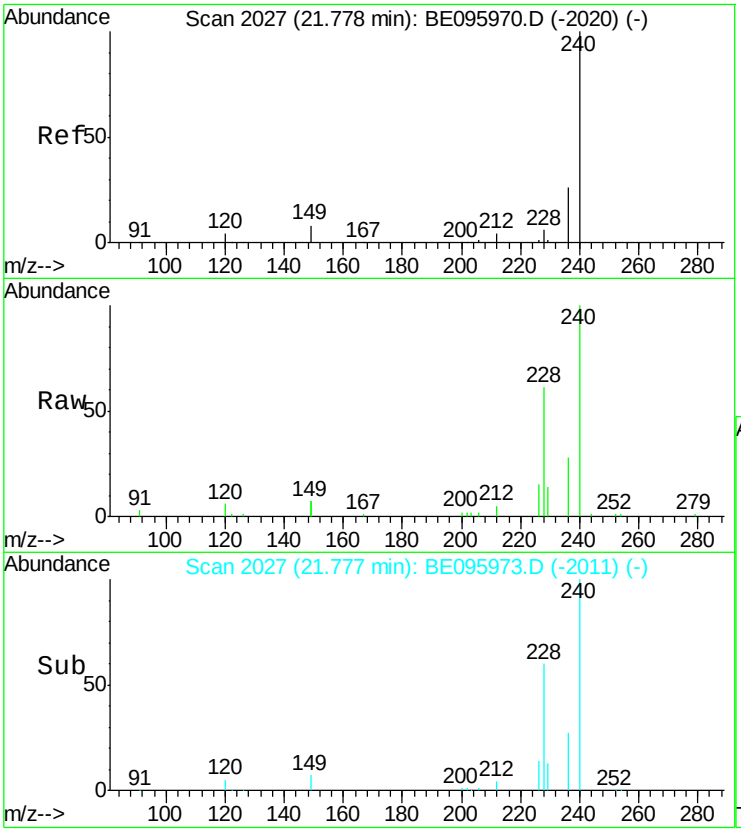


#26
Fluoranthene
Concen: 2.811 ng
RT: 19.69 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Tgt Ion:202 Resp: 80417

Ion	Ratio	Lower	Upper
202	100		
101	10.3	9.8	14.8
203	17.3	13.7	20.5



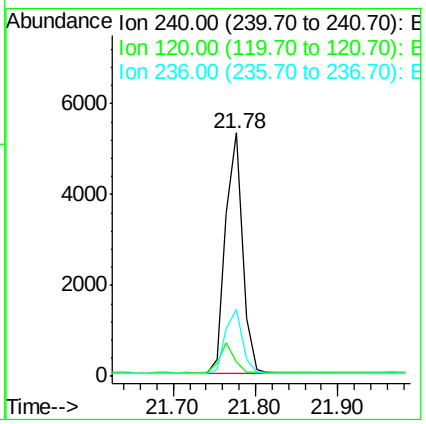


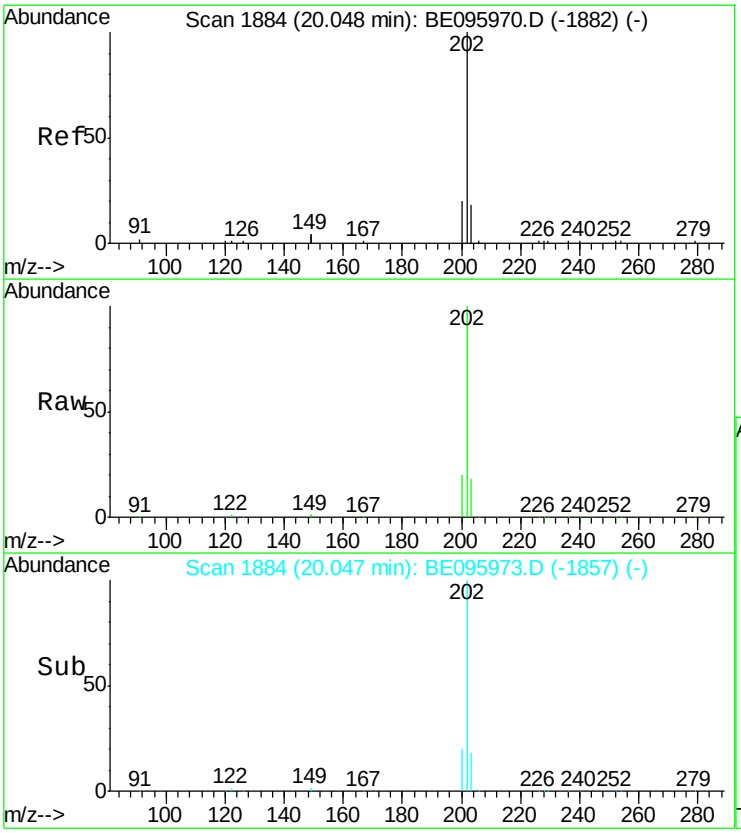
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.78 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7707

Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.5	8.3
236	27.5	20.7	31.1

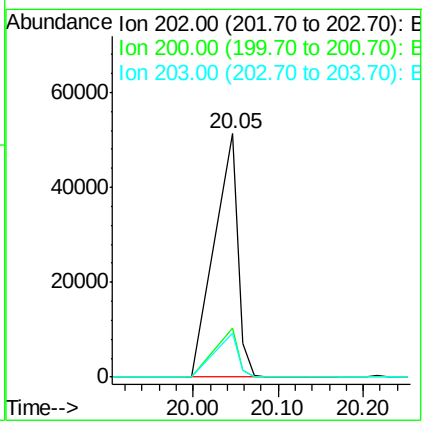


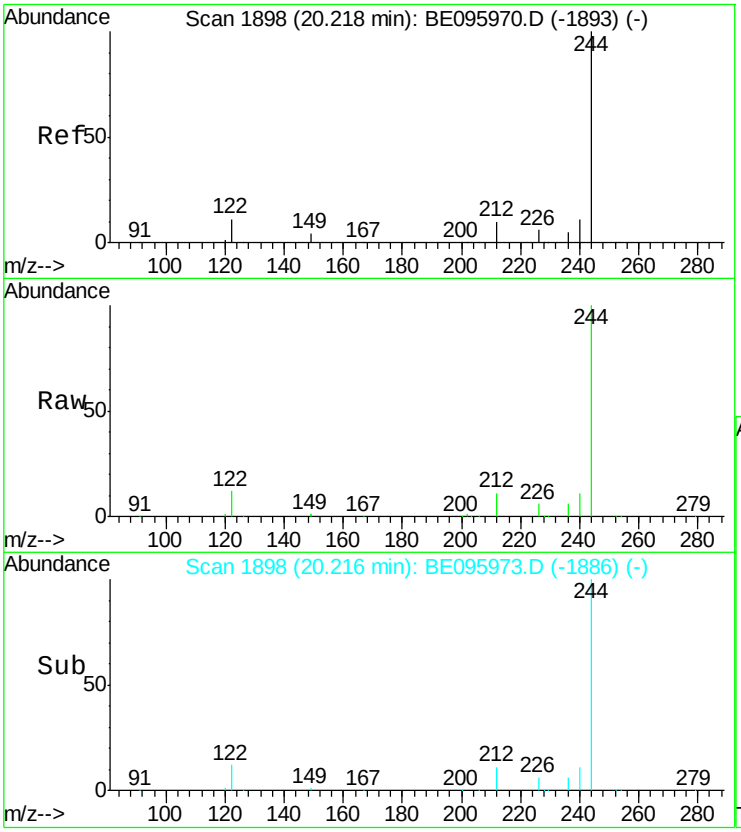


#28
Pyrene
Concen: 1.649 ng
RT: 20.05 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Tgt Ion:202 Resp: 51778

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.6	25.0
203	17.3	13.8	20.8



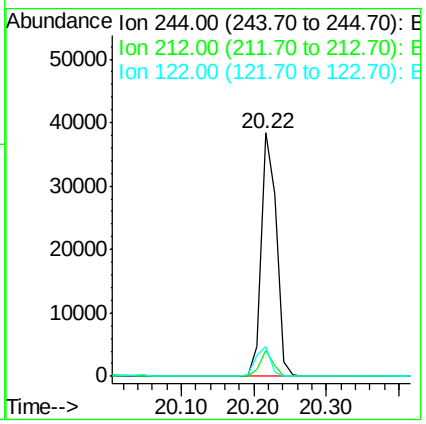


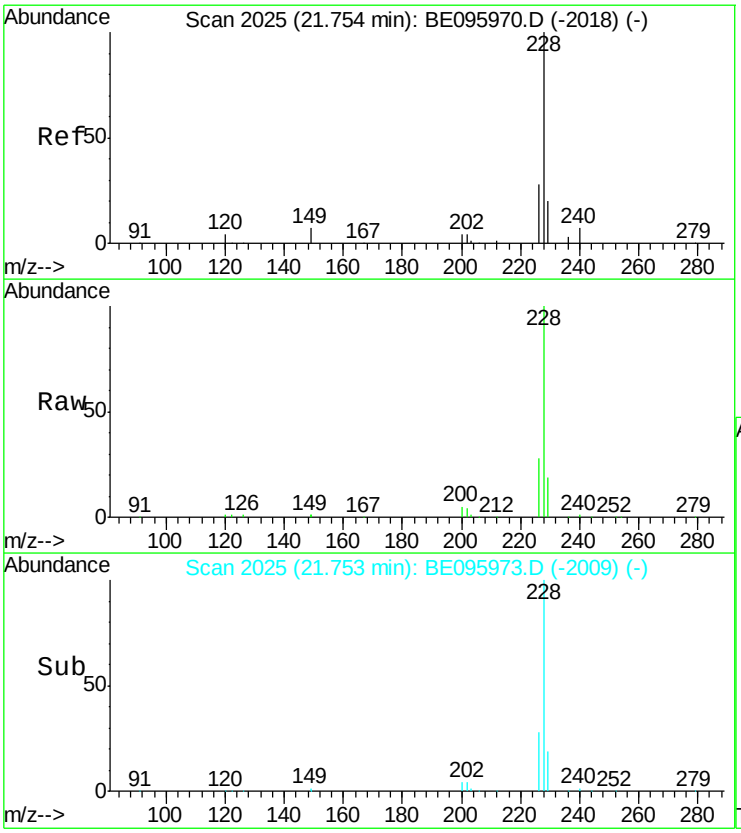
#29
Terphenyl-d14
Concen: 3.291 ng
RT: 20.22 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 53865

Ion	Ratio	Lower	Upper
244	100		
212	10.9	25.4	38.0#
122	12.5	8.1	12.1#

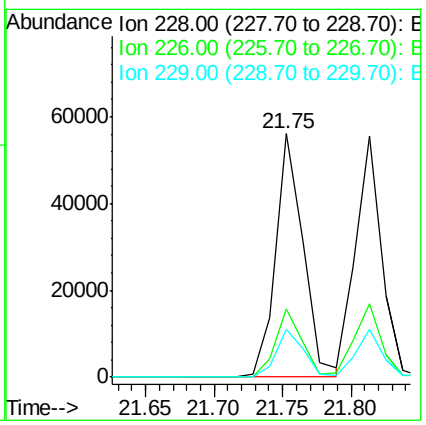


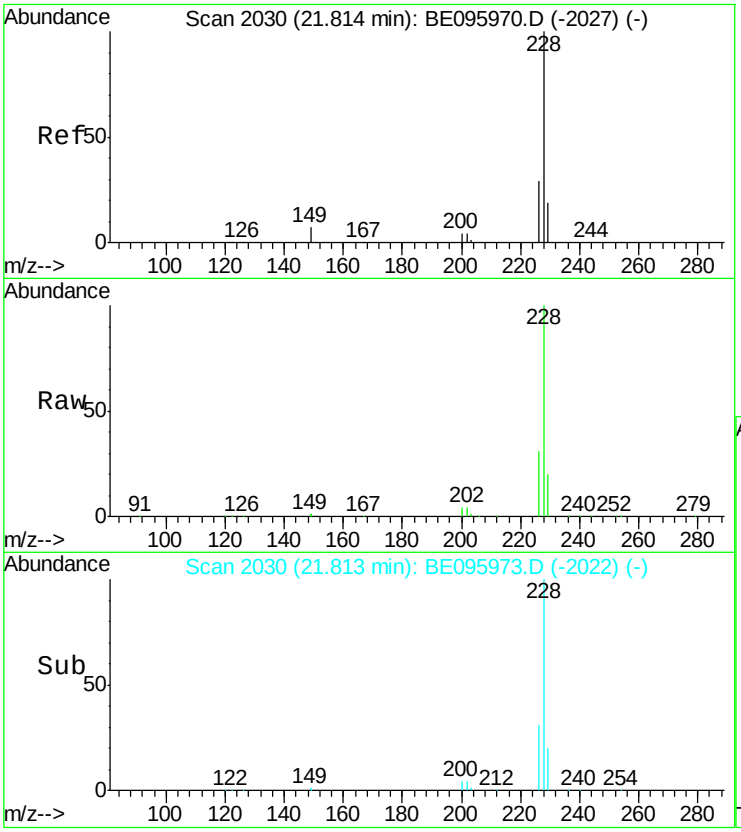


#30
Benzo(a)anthracene
Concen: 2.908 ng
RT: 21.75 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Tgt Ion:228 Resp: 77721

Ion	Ratio	Lower	Upper
228	100		
226	27.9	24.0	36.0
229	19.4	16.0	24.0



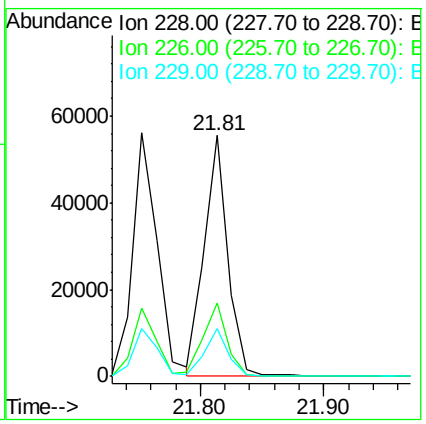


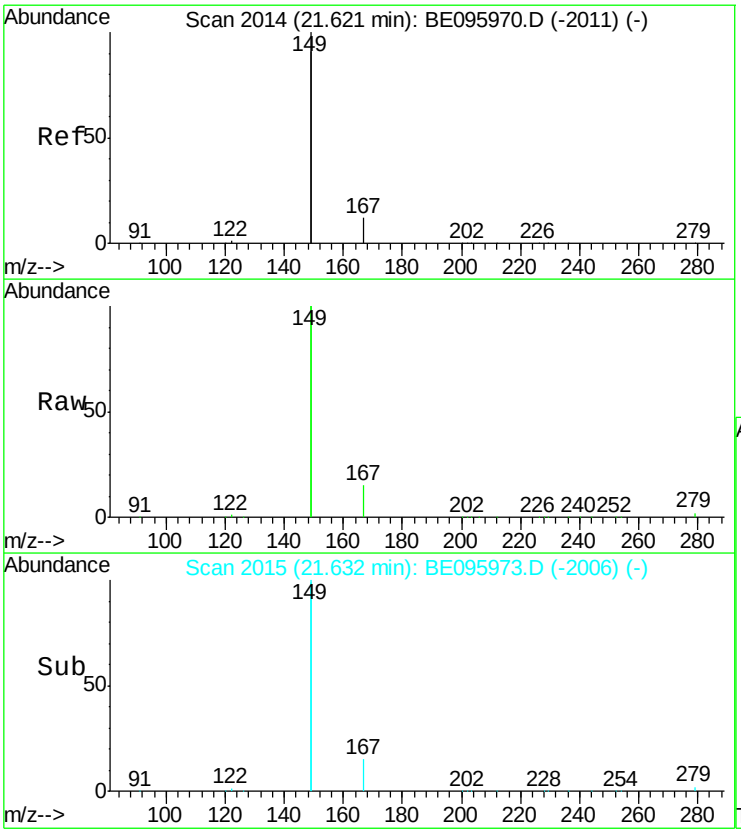
#31
Chrysene
Concen: 3.006 ng
RT: 21.81 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 73312

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	19.7	16.0	24.0

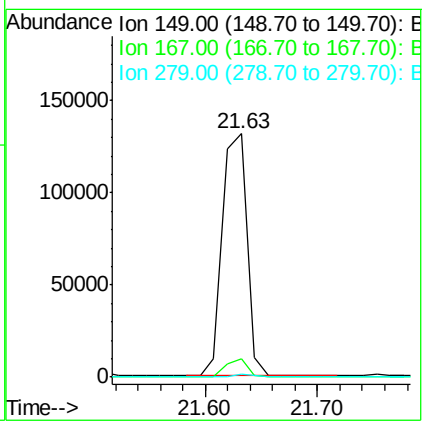


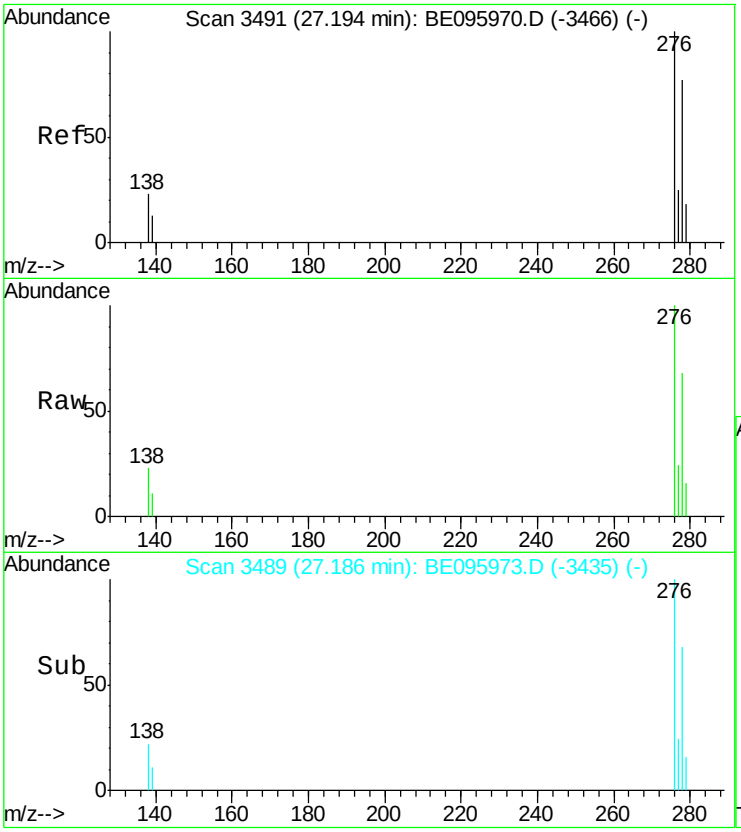


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.440 ng
RT: 21.63 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Tgt Ion:149 Resp: 199429

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.8	0.7	1.1



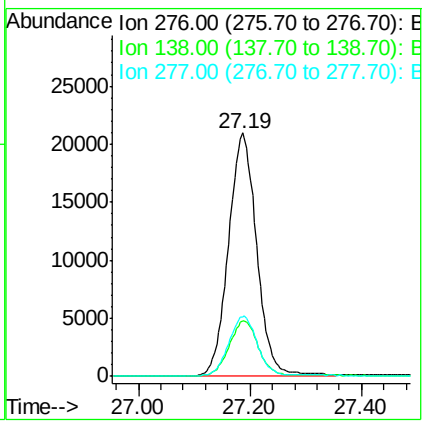


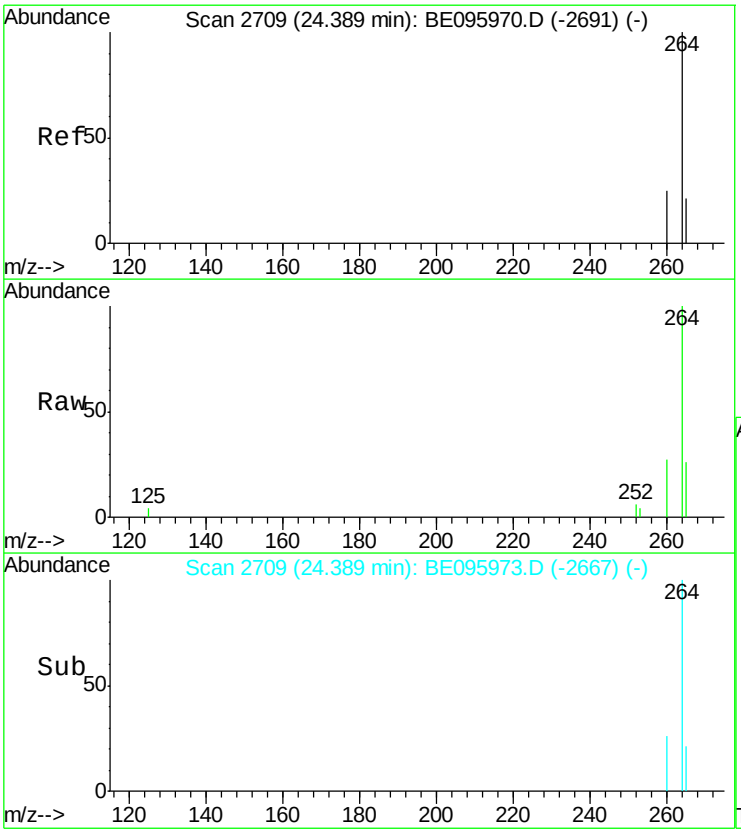
#33
Indeno(1,2,3-cd)pyrene
Concen: 2.787 ng
RT: 27.19 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 73225

Ion	Ratio	Lower	Upper
276	100		
138	23.2	22.5	33.7
277	24.8	19.9	29.9

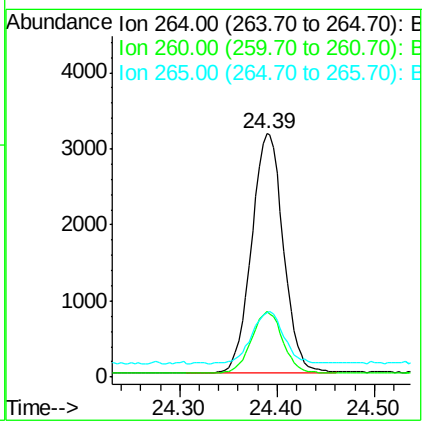


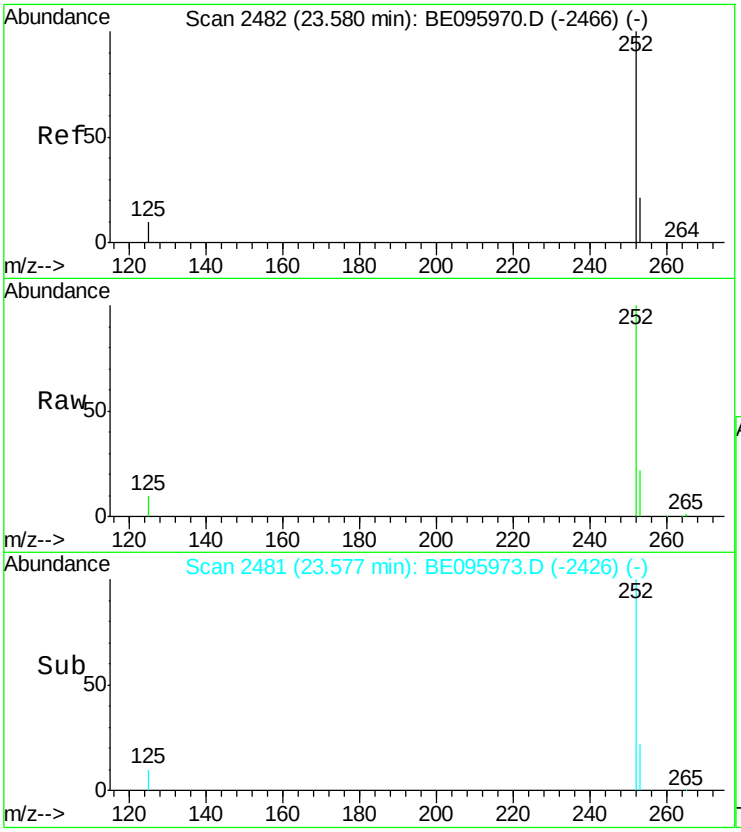


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.39 min Scan# 2709
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Tgt Ion:264 Resp: 7100

Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.5	30.7
265	26.3	22.8	34.2



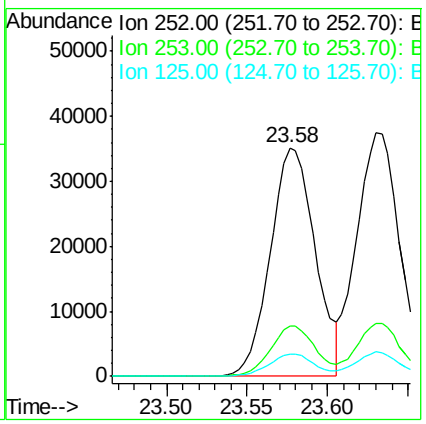


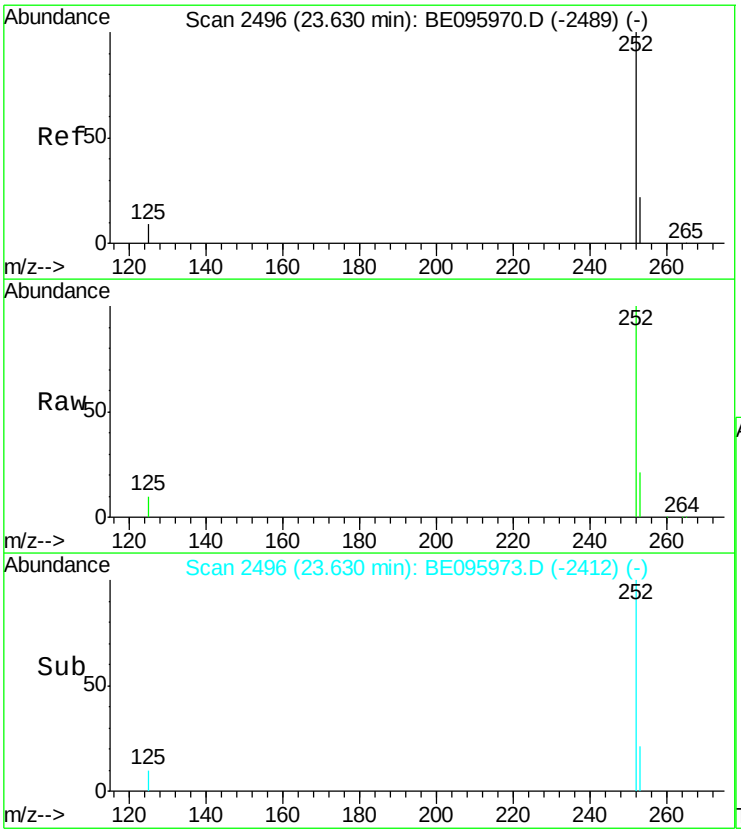
#35
Benzo(b)fluoranthene
Concen: 2.904 ng
RT: 23.58 min Scan# 2481
Delta R.T. -0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 68206

Ion	Ratio	Lower	Upper
252	100		
253	22.2	20.0	30.0
125	9.9	16.0	24.0#

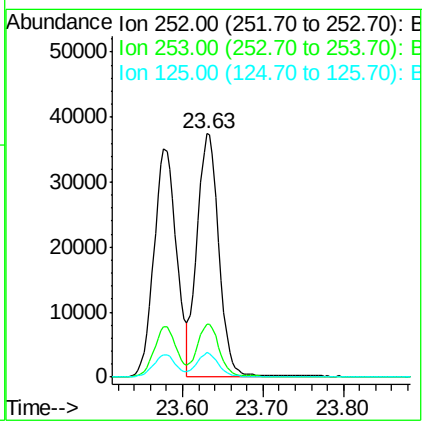


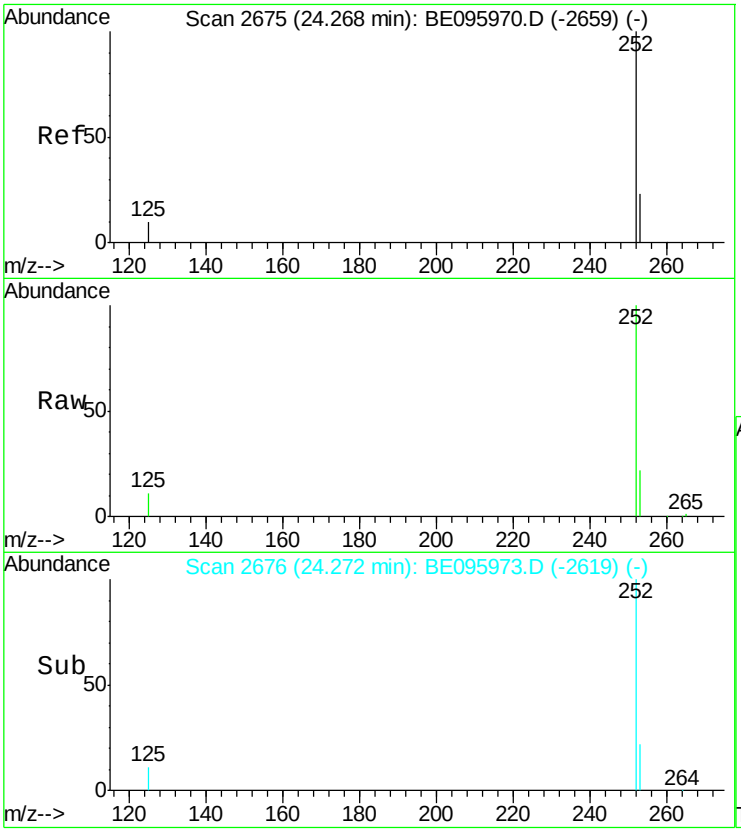


#36
Benzo(k)fluoranthene
Concen: 2.980 ng
RT: 23.63 min Scan# 2496
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Tgt Ion:252 Resp: 70012

Ion	Ratio	Lower	Upper
252	100		
253	21.5	16.0	24.0
125	9.9	8.0	12.0



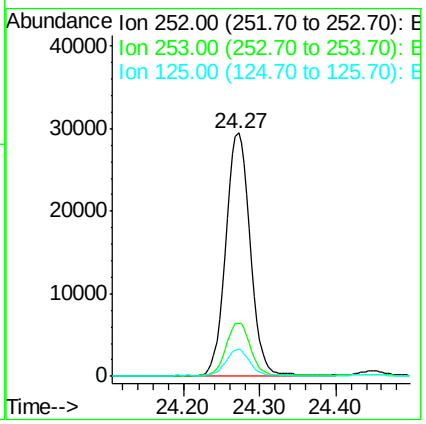


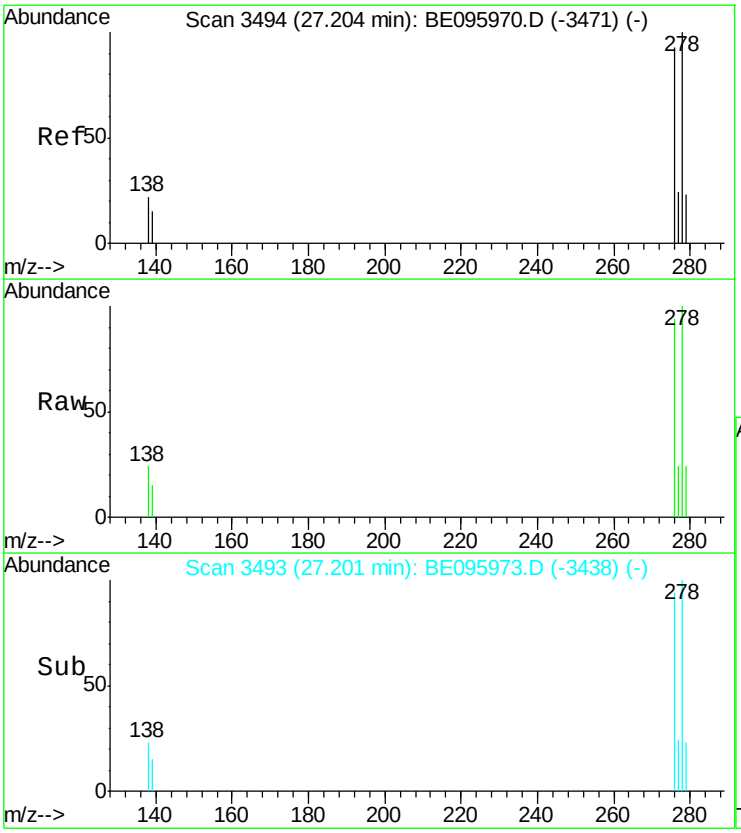
#37
Benzo(a)pyrene
Concen: 2.971 ng
RT: 24.27 min Scan# 2676
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 65404

Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.0	24.0
125	11.0	12.0	18.0#

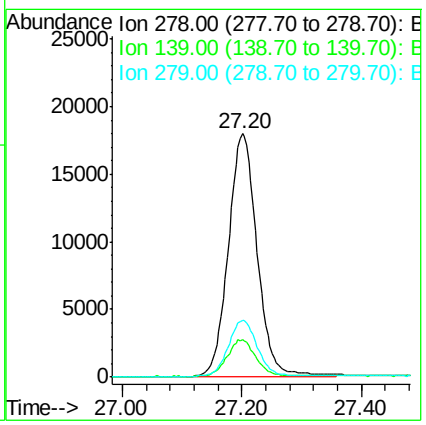


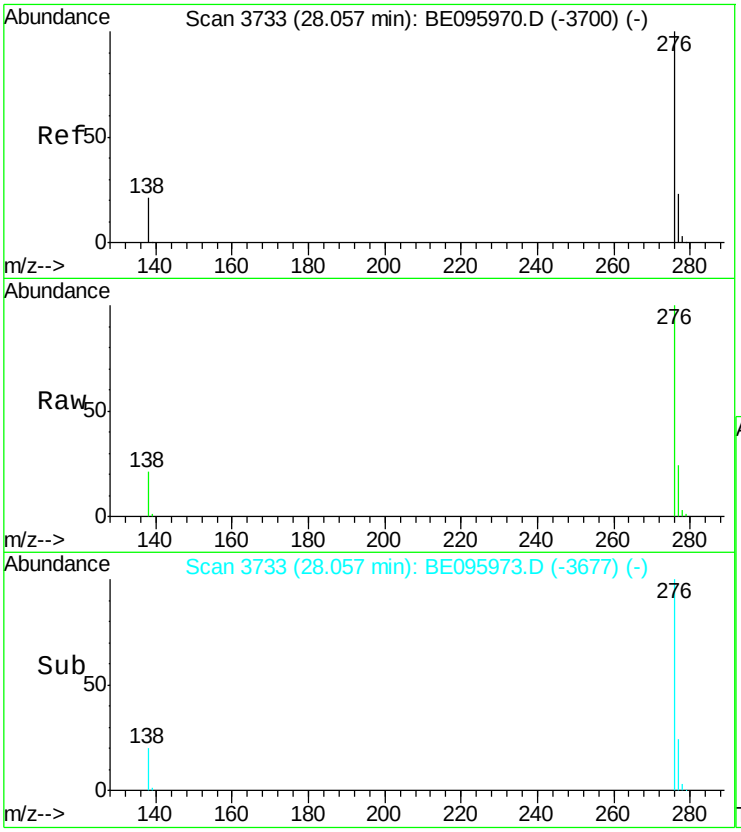


#38
Dibenzo(a,h)anthracene
Concen: 2.864 ng
RT: 27.20 min Scan# 3493
Delta R.T. -0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Tgt Ion:278 Resp: 59902

Ion	Ratio	Lower	Upper
278	100		
139	15.3	16.0	24.0#
279	23.5	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 2.883 ng
RT: 28.06 min Scan# 3733
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 60569

Ion	Ratio	Lower	Upper
276	100		
277	24.1	16.0	24.0#
138	20.6	20.0	30.0