Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021318\
Data File : BE095667.D
Acq On : 12 Feb 2018 18:32
Operator : SJ/JU
Sample : PB106445BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Feb 13 03:27:21 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 20:27:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1100	0.40	ng		0.00
7) Naphthalene-d8	11.28	136	4090	0.40	ng		0.00
13) Acenaphthene-d10	15.00	164	2217	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	5067	0.40	ng		0.00
27) Chrysene-d12	21.79	240	5446	0.40	ng		0.00
34) Perylene-d12	24.43	264	5208	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.92	112	1242	0.37	ng		0.00
5) Phenol-d6	7.55	99	1637	0.36	ng		-0.01
8) Nitrobenzene-d5	9.60	82	1495	0.34	ng		-0.02
11) 2-Methylnaphthalene-d10	12.80	152	2464	0.36	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	313	0.31	ng		0.00
15) 2-Fluorobiphenyl	13.64	172	3492	0.37	ng		-0.02
25) Fluoranthene-d10	19.69	212	26116	0.39	ng		0.00
29) Terphenyl-d14	20.25	244	4166	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	538	0.30	ng	#	14
3) n-Nitrosodimethylamine	3.99	42	844	0.37	ng	#	84
6) bis(2-Chloroethyl)ether	7.83	93	1450	0.34	ng		96
9) Naphthalene	11.31	128	16963	0.36	ng		99
10) Hexachlorobutadiene	11.58	225	846	0.33	ng		90
12) 2-Methylnaphthalene	12.88	142	2889	0.36	ng		97
16) Acenaphthylene	14.73	152	4142	0.33	ng		99
17) Acenaphthene	15.06	154	2624	0.33	ng		97
18) Fluorene	16.02	166	3342	0.34	ng	#	80
20) 4-Bromophenyl-phenylether	16.89	248	1144	0.38	ng	#	69
21) Hexachlorobenzene	17.03	284	1111	0.35	ng	#	81
22) Pentachlorophenol	17.37	266	654	0.67	ng	#	77
23) Phenanthrene	17.74	178	5726	0.37	ng		99
24) Anthracene	17.83	178	5265	0.36	ng		95
26) Fluoranthene	19.72	202	7258	0.37	ng		97
28) Pyrene	20.07	202	8149	0.36	ng		98
30) Benzo(a)anthracene	21.78	228	7034	0.39	ng		97
31) Chrysene	21.84	228	6899	0.39	ng		99
32) Bis(2-ethylhexyl)phthalate	21.65	149	13696	0.33	ng		100
33) Indeno(1,2,3-cd)pyrene	27.23	276	7081	0.41	ng		94
35) Benzo(b)fluoranthene	23.61	252	6957	0.39	ng	#	90
36) Benzo(k)fluoranthene	23.66	252	6418	0.35	ng		93
37) Benzo(a)pyrene	24.31	252	6233	0.38	ng	#	90
38) Dibenzo(a,h)anthracene	27.25	278	5828	0.40	ng		98
39) Benzo(g,h,i)perylene	28.10	276	6128	0.39	ng	#	92

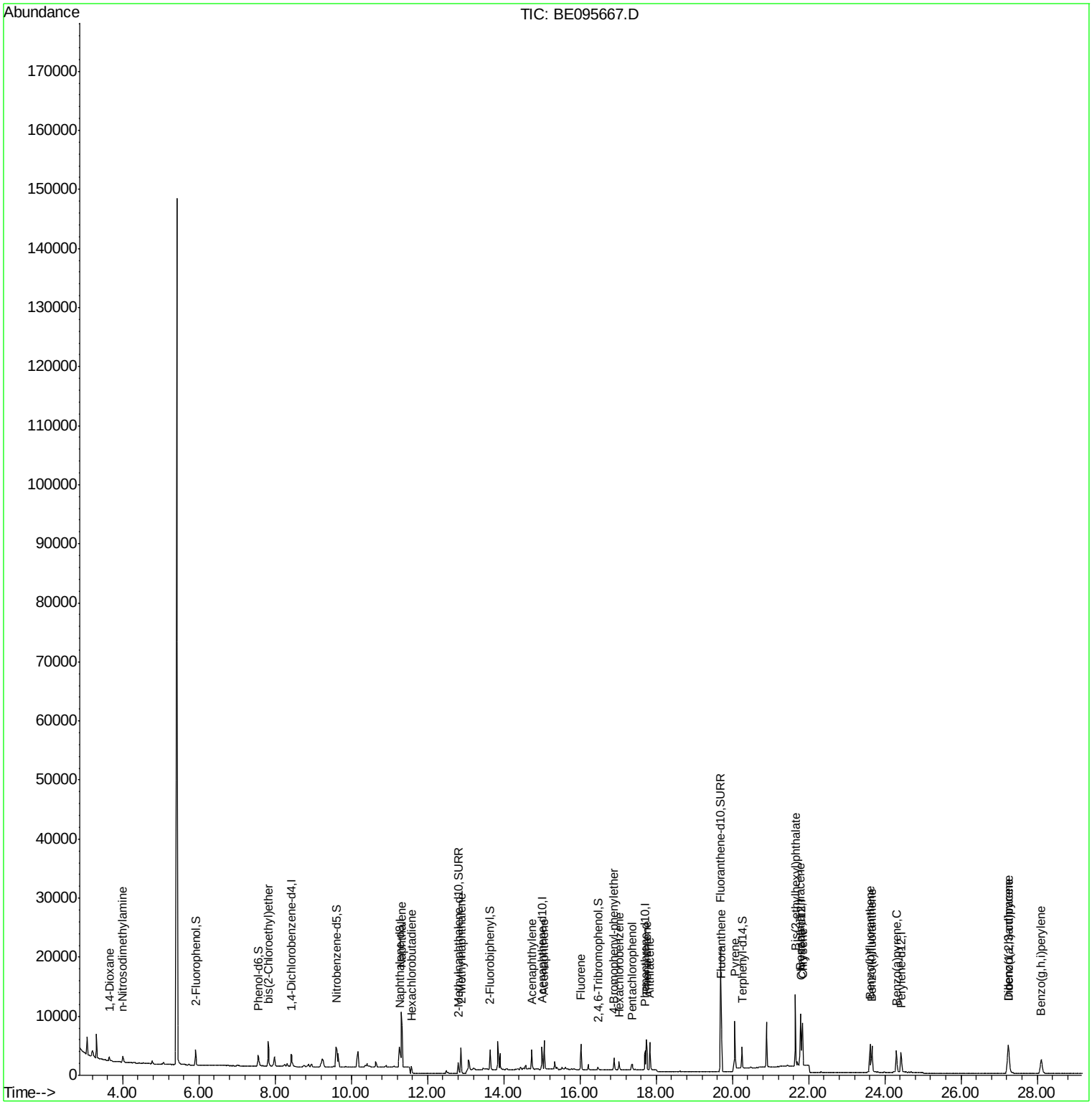
(#) = qualifier out of range (m) = manual integration (+) = signals summed

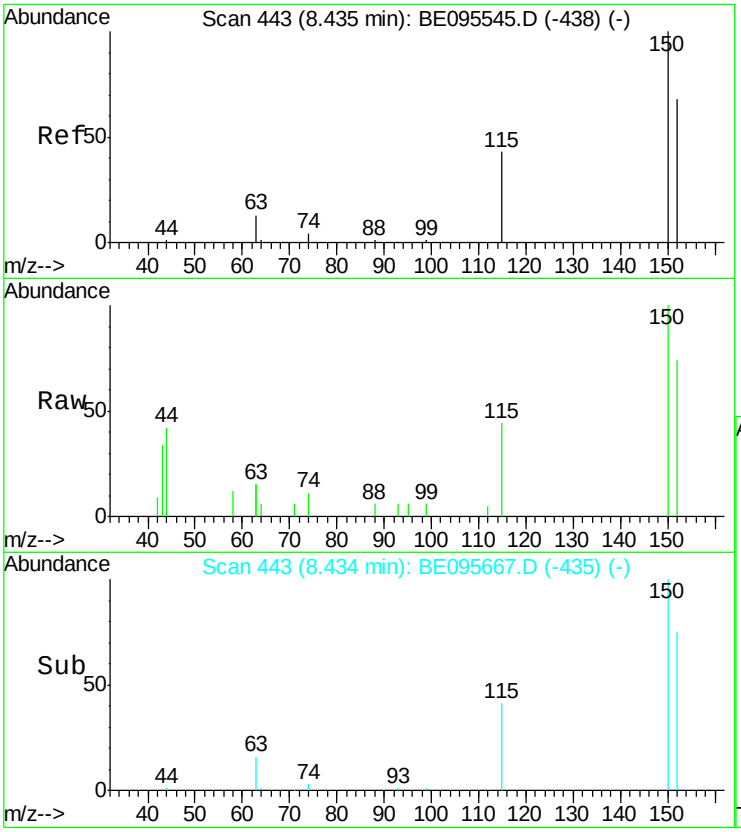
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021318\
Data File : BE095667.D
Acq On : 12 Feb 2018 18:32
Operator : SJ/JU
Sample : PB106445BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 13 03:27:21 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 20:27:34 2018
Response via : Initial Calibration



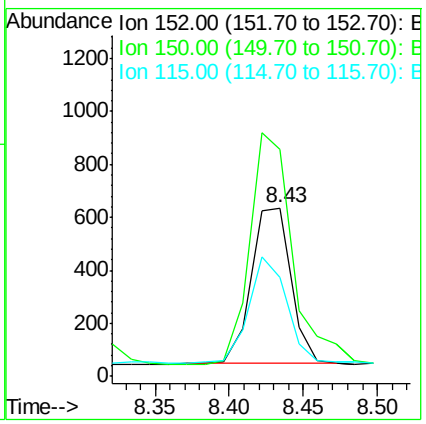


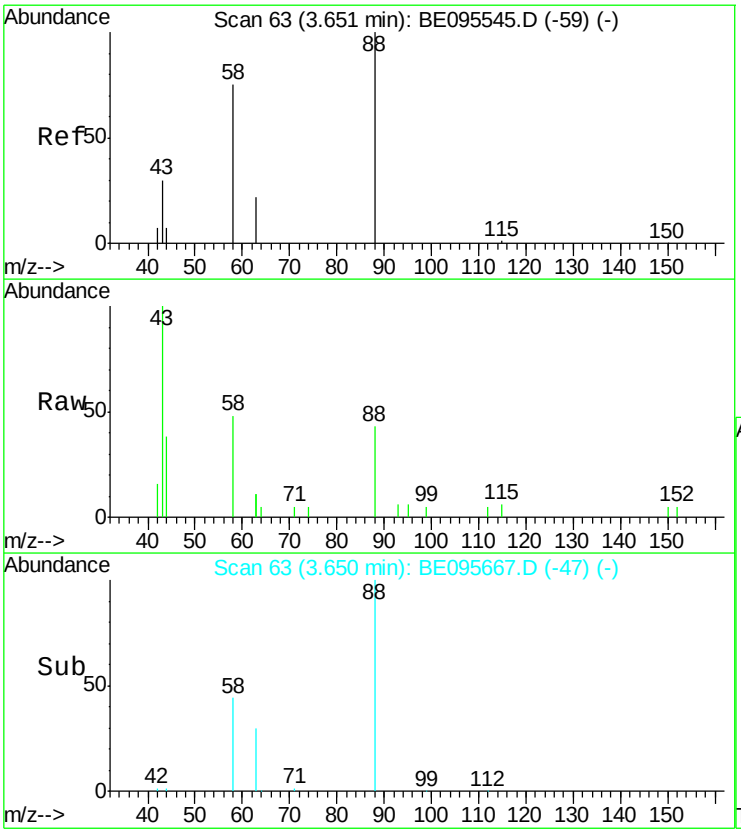
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 8.43 min Scan# 443
Delta R.T. 0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1100

Ion	Ratio	Lower	Upper
152	100		
150	134.6	117.2	175.8
115	59.1	57.0	85.6

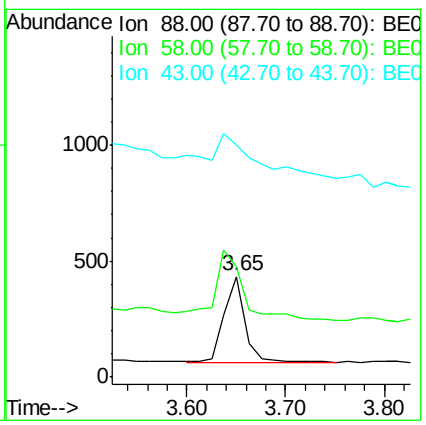


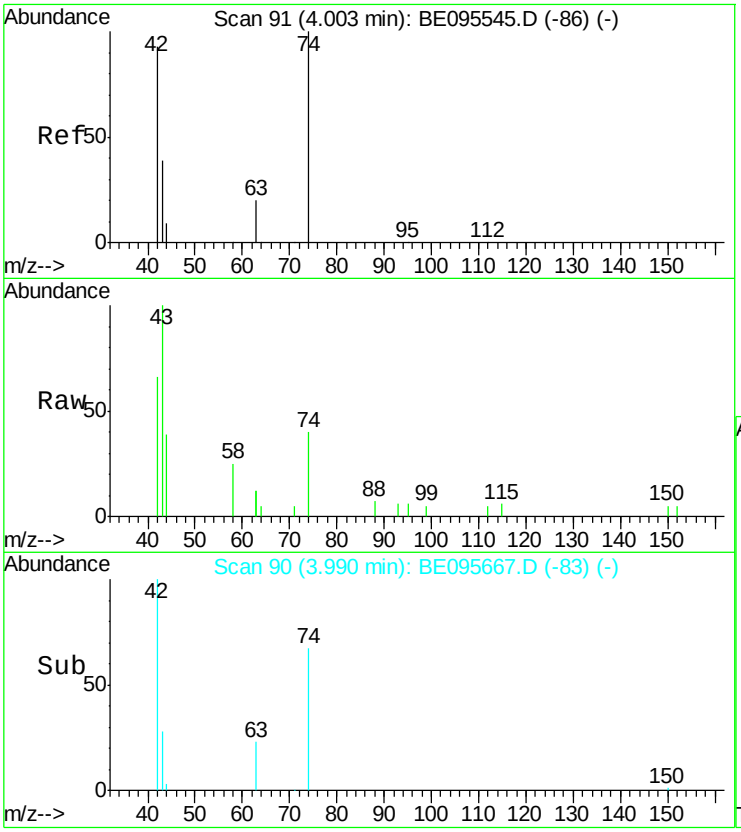


#2
1,4-Dioxane
Concen: 0.30 ng
RT: 3.65 min Scan# 63
Delta R.T. 0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Tgt Ion: 88 Resp: 538

Ion	Ratio	Lower	Upper
88	100		
58	113.8	63.2	94.8#
43	162.1	41.2	61.8#



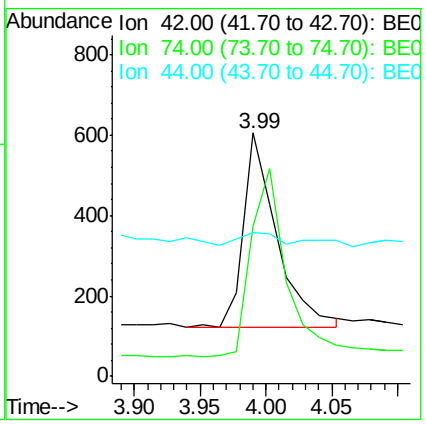


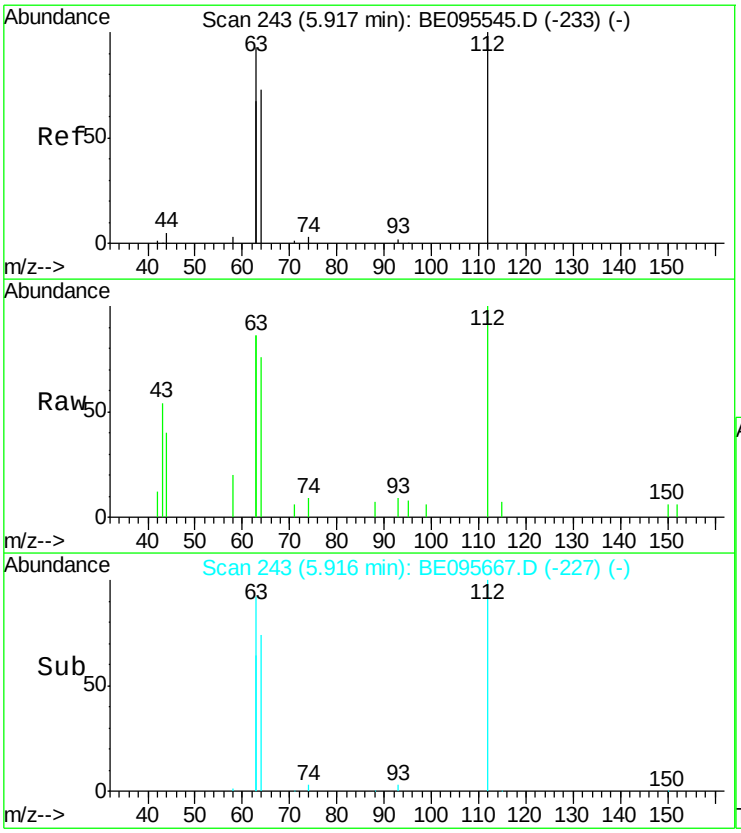
#3
n-Nitrosodimethylamine
Concen: 0.37 ng
RT: 3.99 min Scan# 90
Delta R.T. -0.01 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 844

Ion	Ratio	Lower	Upper
42	100		
74	102.7	96.0	144.0
44	7.8	12.0	18.0#

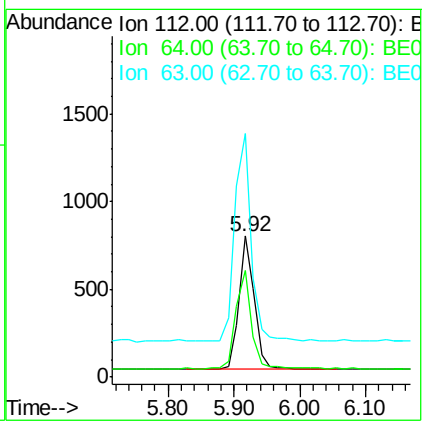


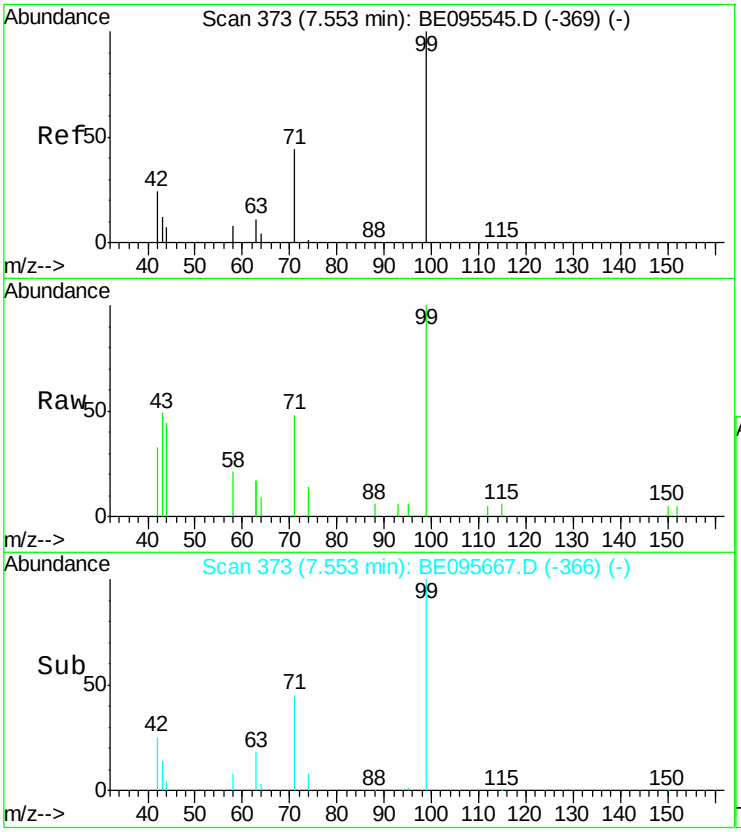


#4
2-Fluorophenol
Concen: 0.37 ng
RT: 5.92 min Scan# 243
Delta R.T. 0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Tgt Ion:112 Resp: 1242

Ion	Ratio	Lower	Upper
112	100		
64	72.9	60.1	90.1
63	165.3	116.8	175.2



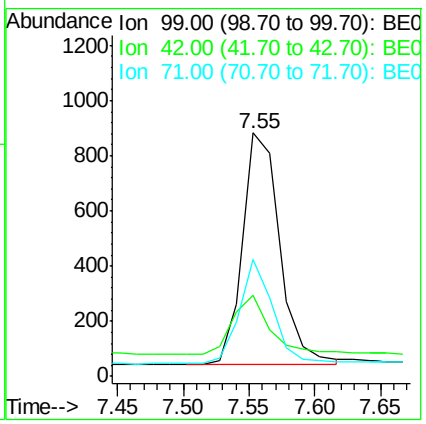


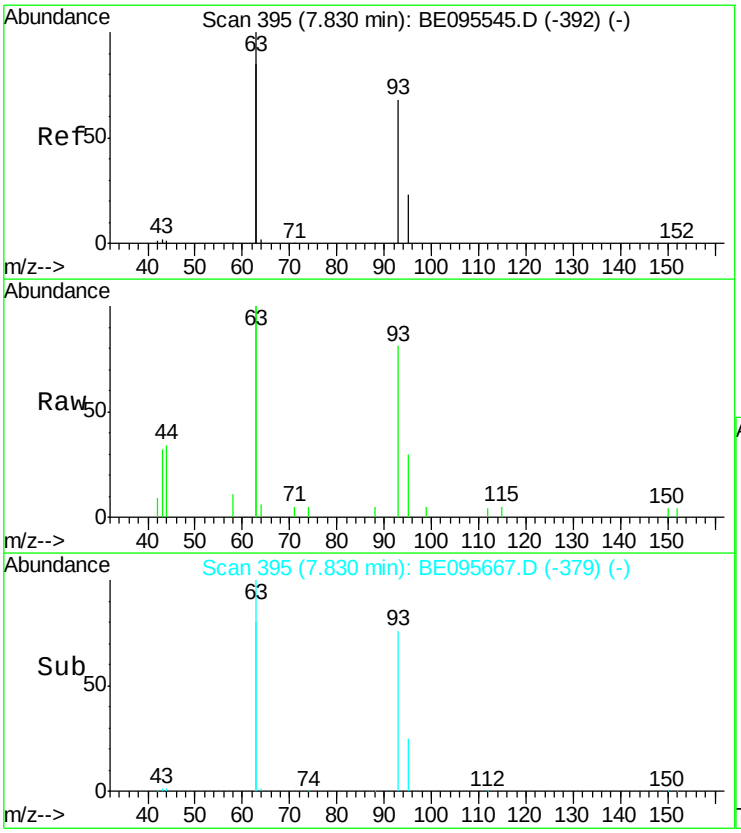
#5
Phenol-d6
Concen: 0.36 ng
RT: 7.55 min Scan# 373
Delta R.T. -0.01 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1637

Ion	Ratio	Lower	Upper
99	100		
42	25.2	20.2	30.2
71	40.1	28.4	42.6

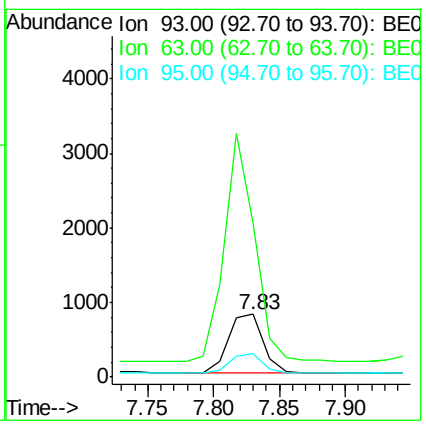


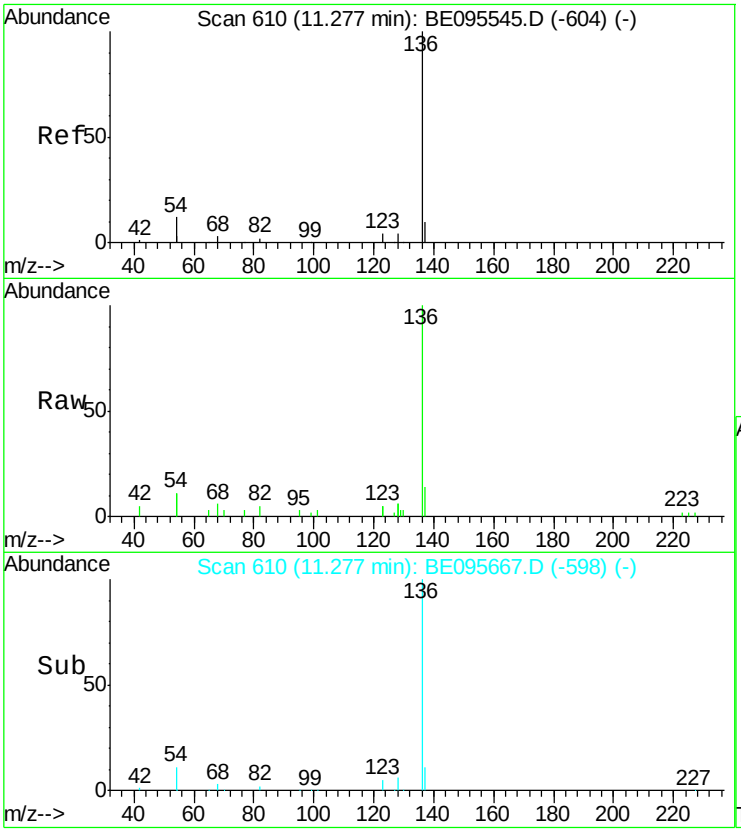


#6
bis(2-Chloroethyl)ether
Concen: 0.34 ng
RT: 7.83 min Scan# 395
Delta R.T. 0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Tgt Ion: 93 Resp: 1450

Ion	Ratio	Lower	Upper
93	100		
63	334.8	275.3	412.9
95	32.8	25.2	37.8



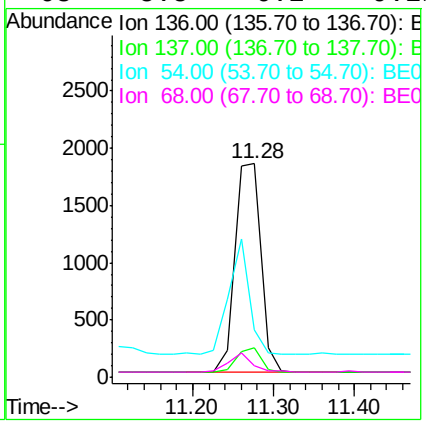


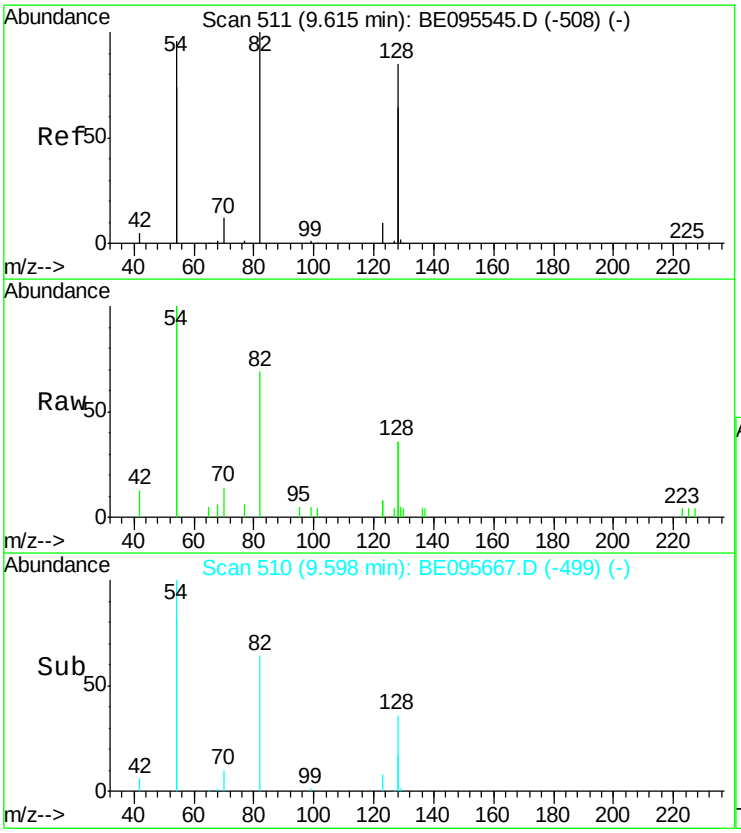
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 11.28 min Scan# 610
Delta R.T. -0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4090

Ion	Ratio	Lower	Upper
136	100		
137	13.7	9.5	14.3
54	22.3	29.1	43.7#
68	5.5	6.2	9.2#

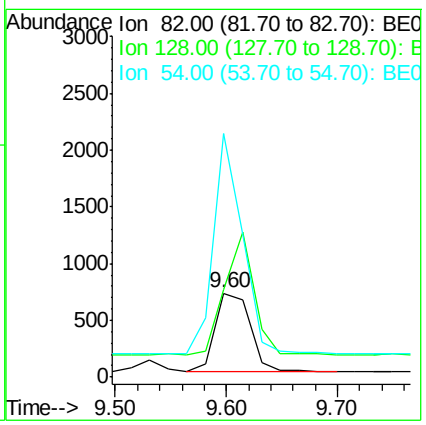


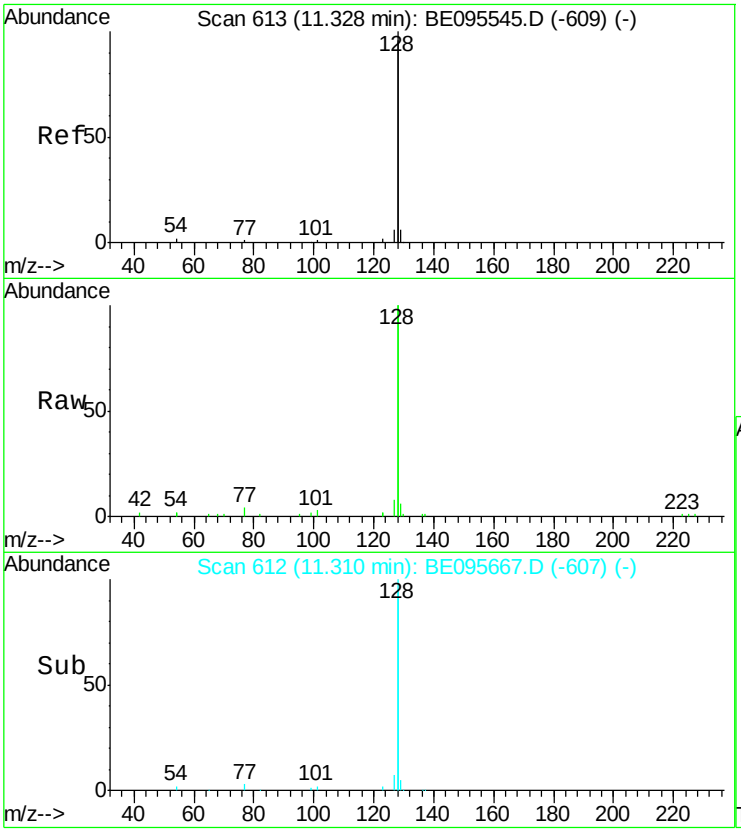


#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 9.60 min Scan# 510
Delta R.T. -0.02 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Tgt Ion: 82 Resp: 1495

Ion	Ratio	Lower	Upper
82	100		
128	103.8	150.0	225.0#
54	290.0	154.2	231.4#



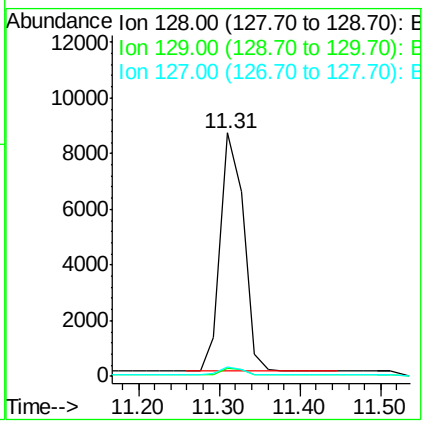


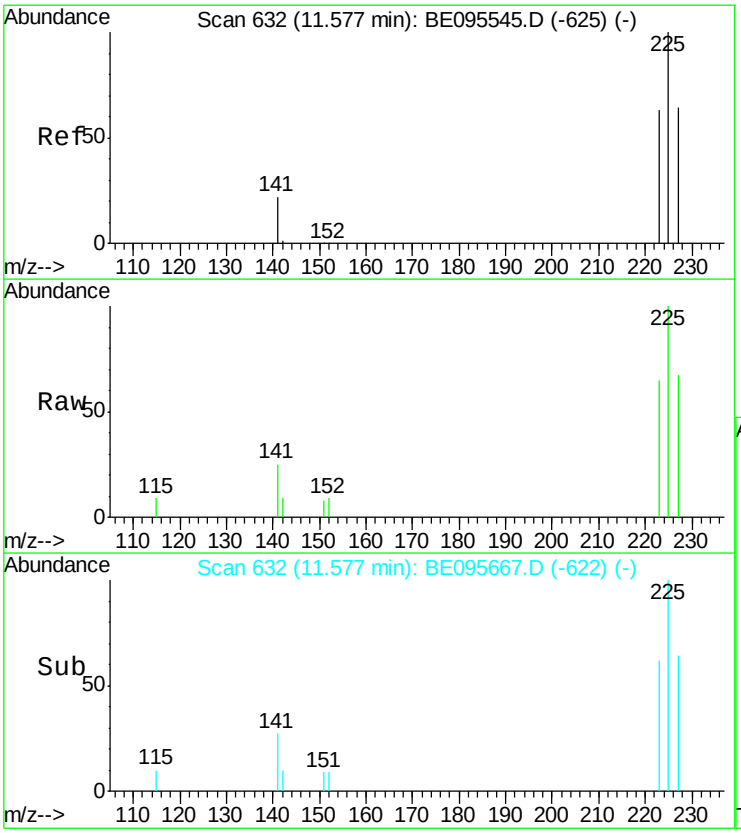
#9
Naphthalene
Concen: 0.36 ng
RT: 11.31 min Scan# 612
Delta R.T. -0.02 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 16963

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.8	2.8	4.2

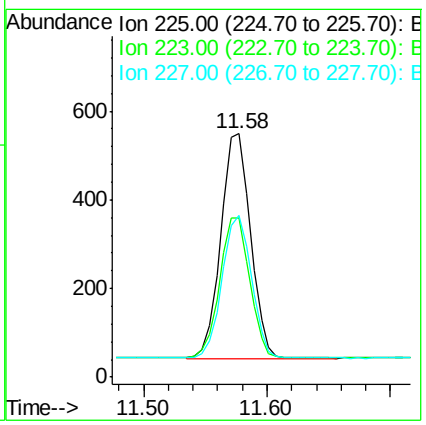


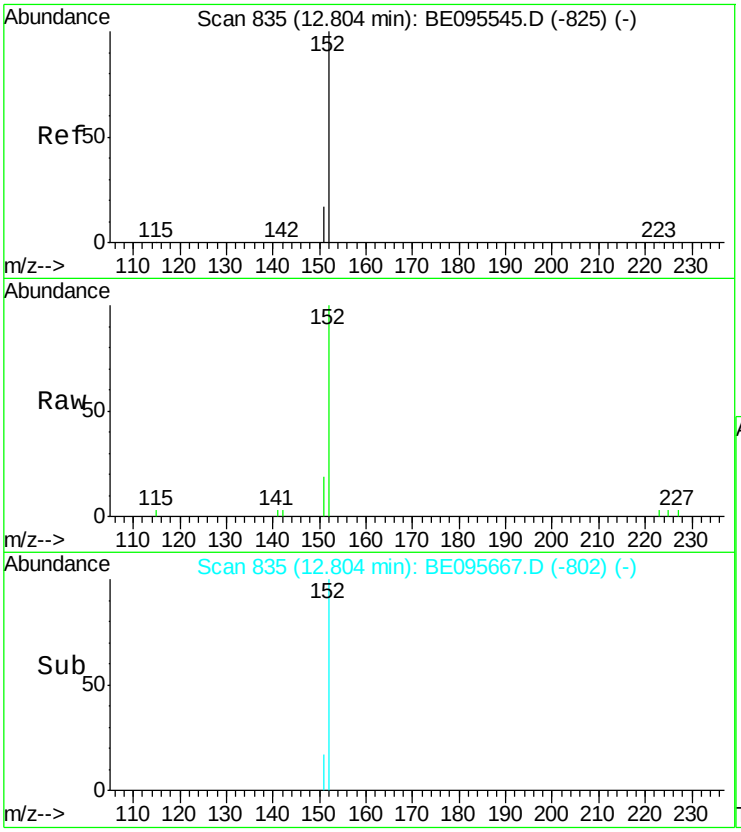


#10
Hexachlorobutadiene
Concen: 0.33 ng
RT: 11.58 min Scan# 632
Delta R.T. -0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Tgt Ion:225 Resp: 846

Ion	Ratio	Lower	Upper
225	100		
223	72.9	53.0	79.6
227	73.4	51.4	77.2



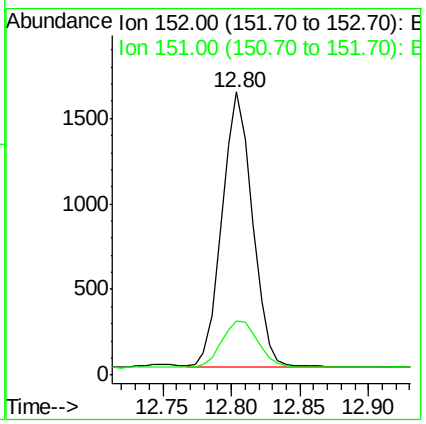


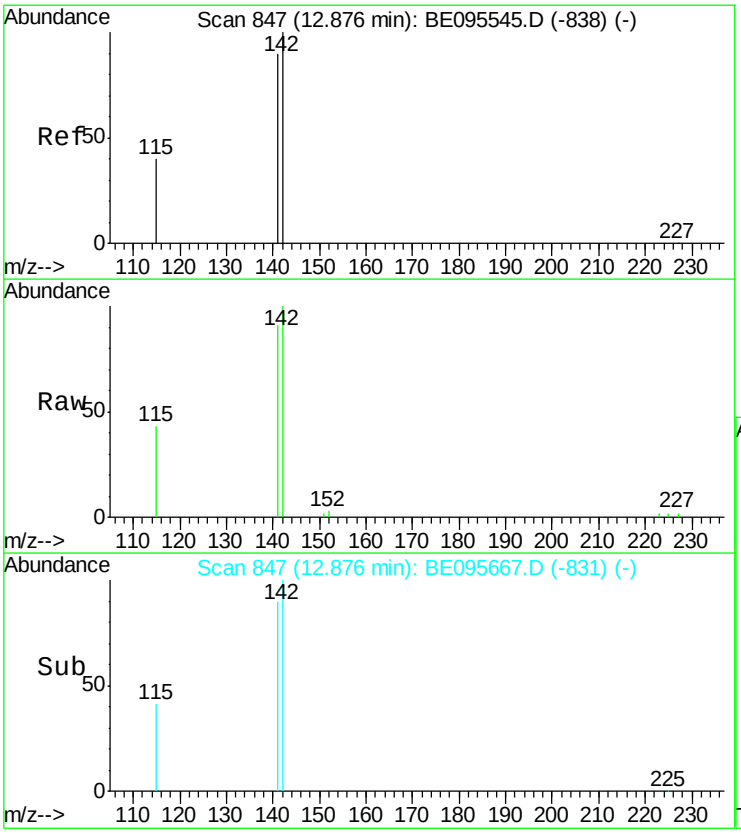
#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 12.80 min Scan# 835
Delta R.T. -0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2464

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.4	23.0

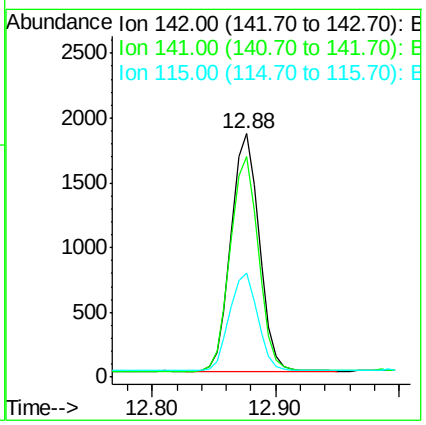


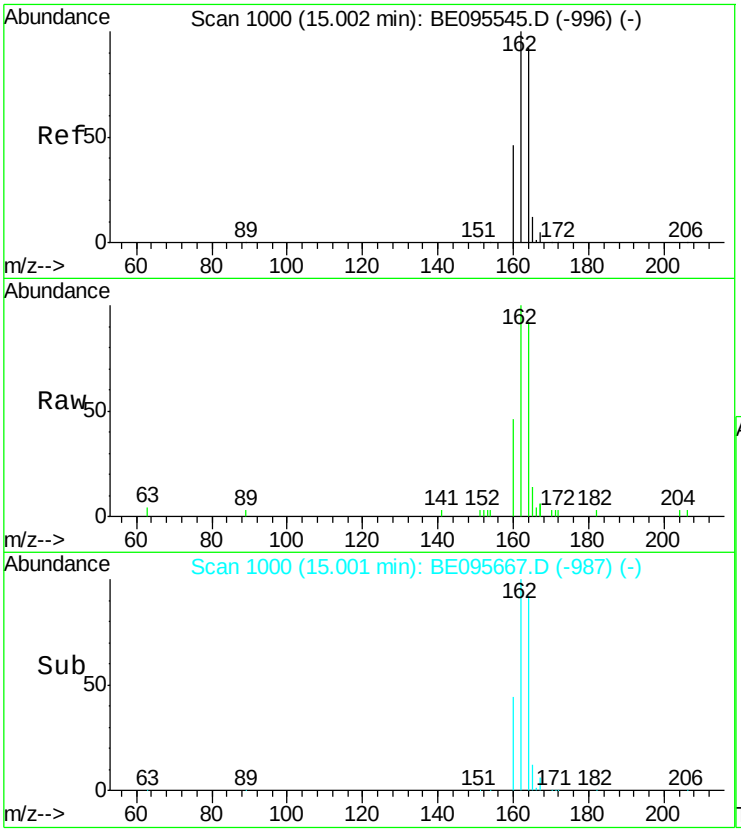


#12
2-Methylnaphthalene
Concen: 0.36 ng
RT: 12.88 min Scan# 847
Delta R.T. -0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Tgt Ion:142 Resp: 2889

Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.4	105.6
115	42.7	31.7	47.5



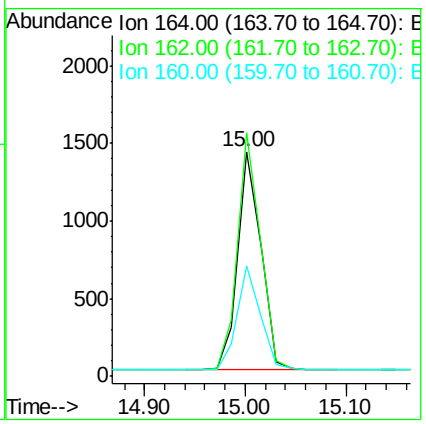


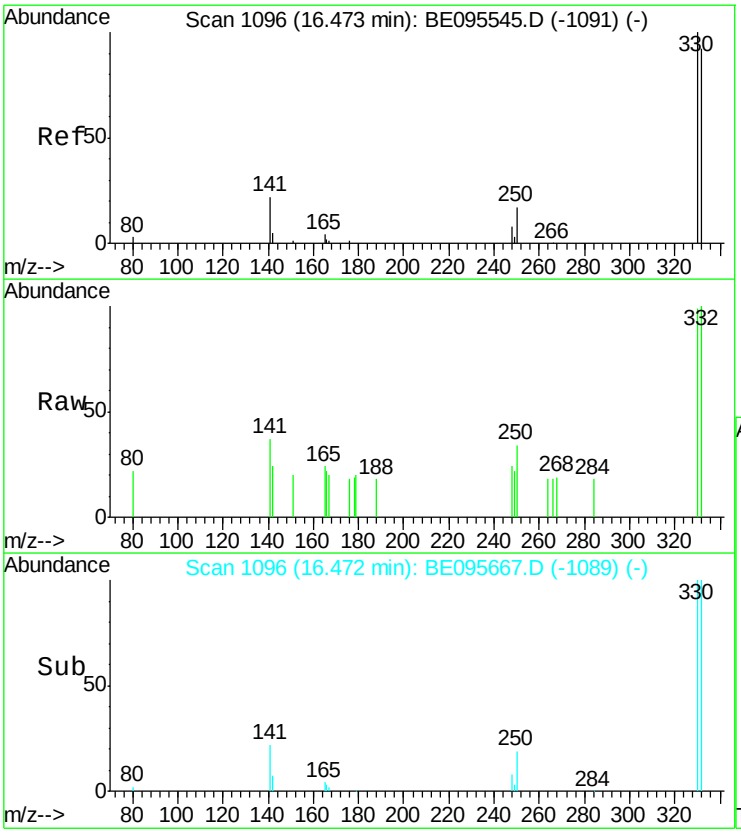
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 15.00 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2217

Ion	Ratio	Lower	Upper
164	100		
162	108.2	83.1	124.7
160	49.3	37.1	55.7

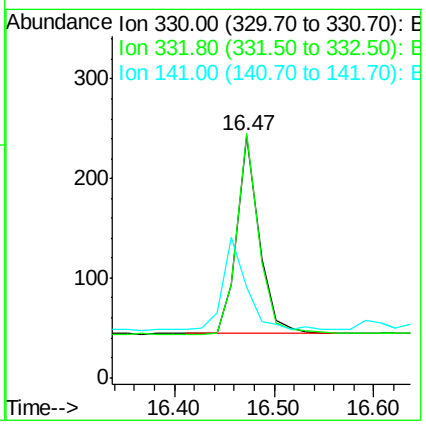


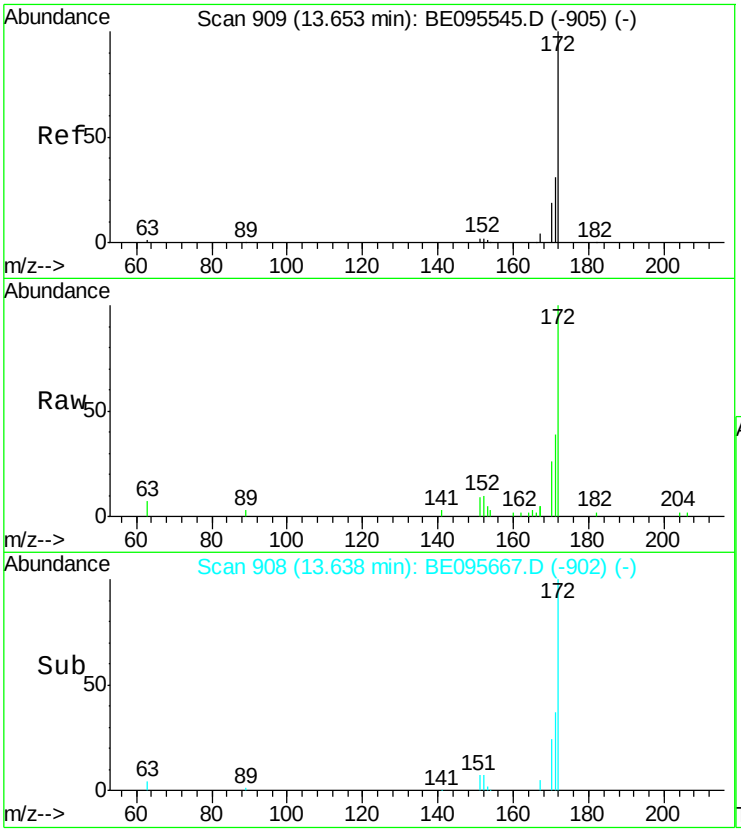


#14
2,4,6-Tribromophenol
Concen: 0.31 ng
RT: 16.47 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Tgt Ion:330 Resp: 313

Ion	Ratio	Lower	Upper
330	100		
332	101.6	152.7	229.1#
141	49.8	33.7	50.5



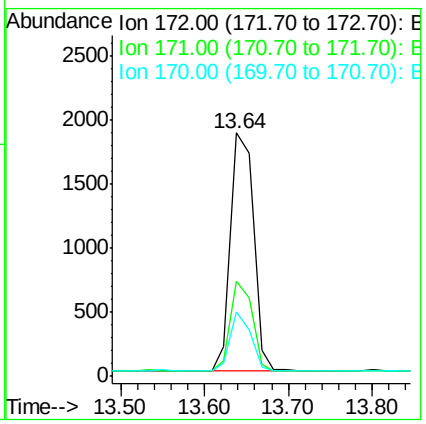


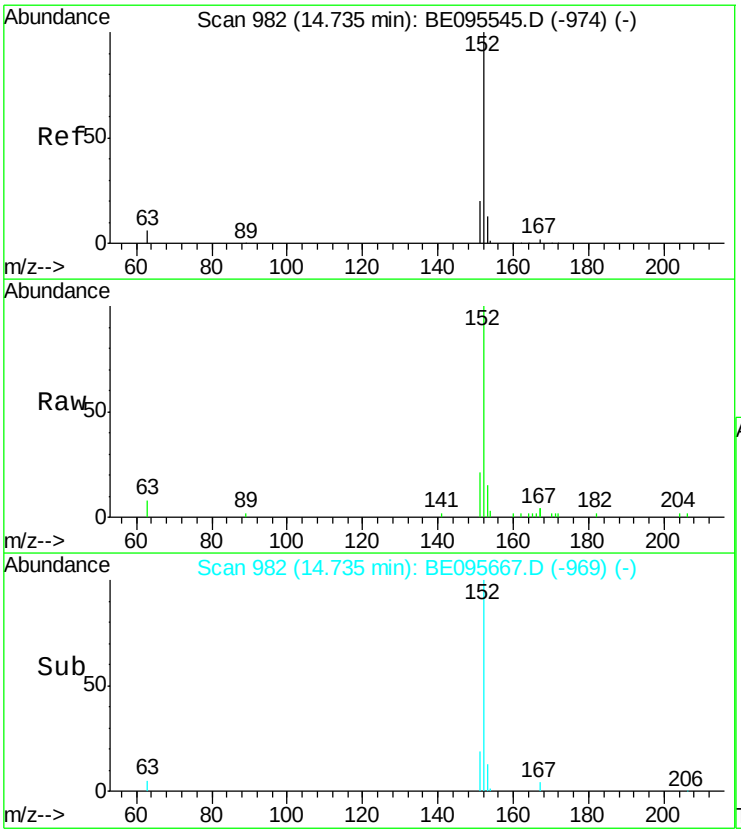
#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 13.64 min Scan# 908
Delta R.T. -0.02 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3492

Ion	Ratio	Lower	Upper
172	100		
171	39.1	29.9	44.9
170	26.5	21.8	32.8

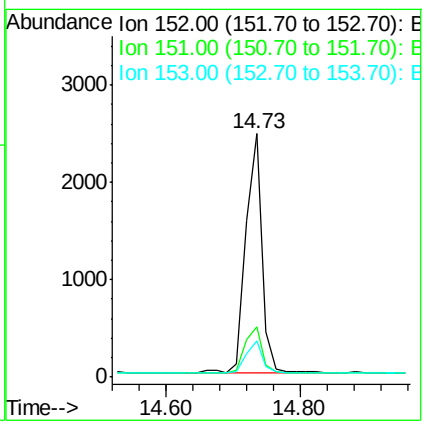


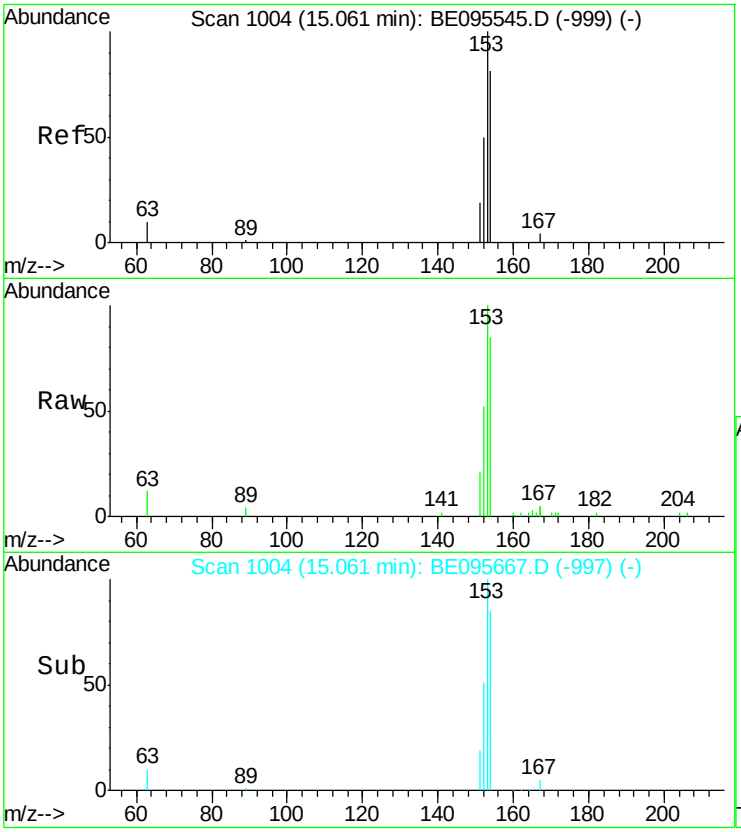


#16
Acenaphthylene
Concen: 0.33 ng
RT: 14.73 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Tgt Ion:152 Resp: 4142

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.5	10.5	15.7



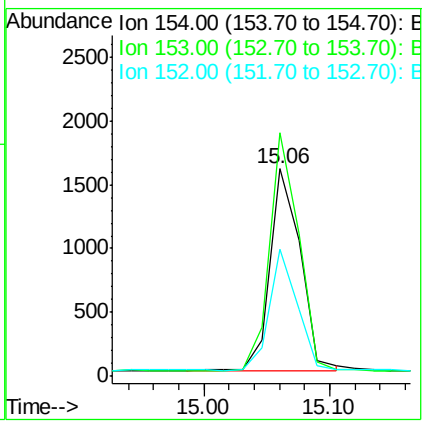


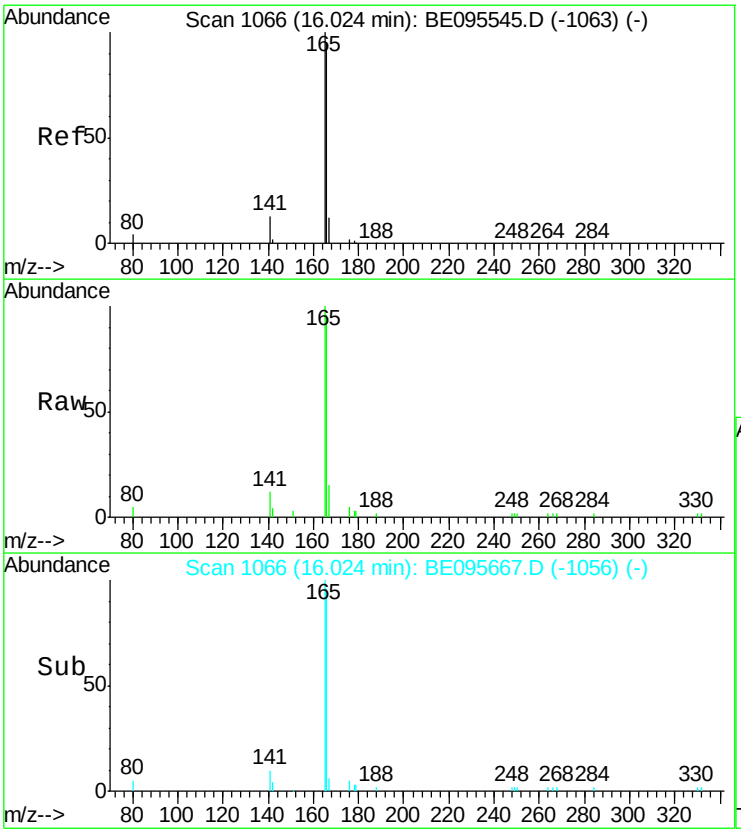
#17
Acenaphthene
Concen: 0.33 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2624

Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.2	133.8
152	55.8	42.0	63.0

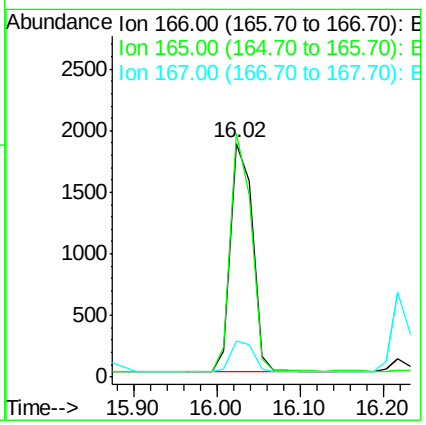


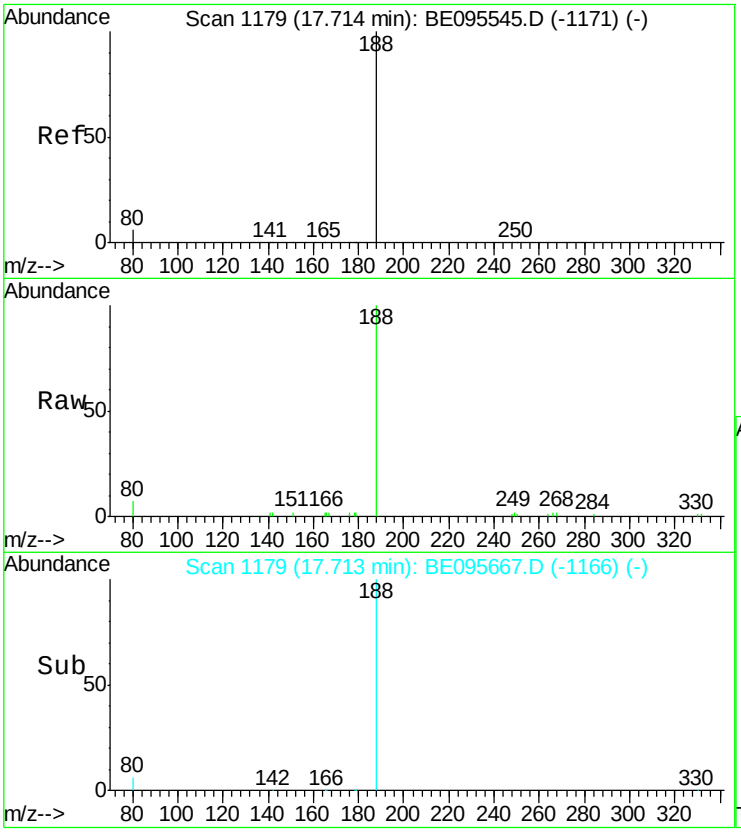


#18
Fluorene
Concen: 0.34 ng
RT: 16.02 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Tgt Ion:166 Resp: 3342

Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.8	116.6
167	13.6	42.4	63.6#



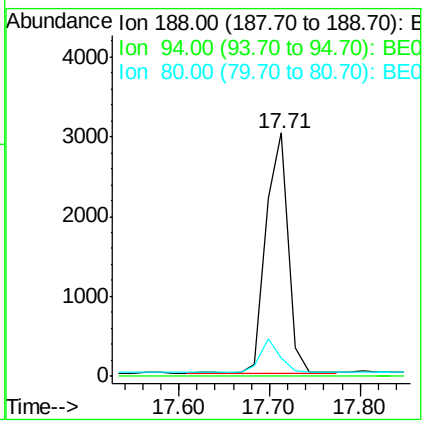


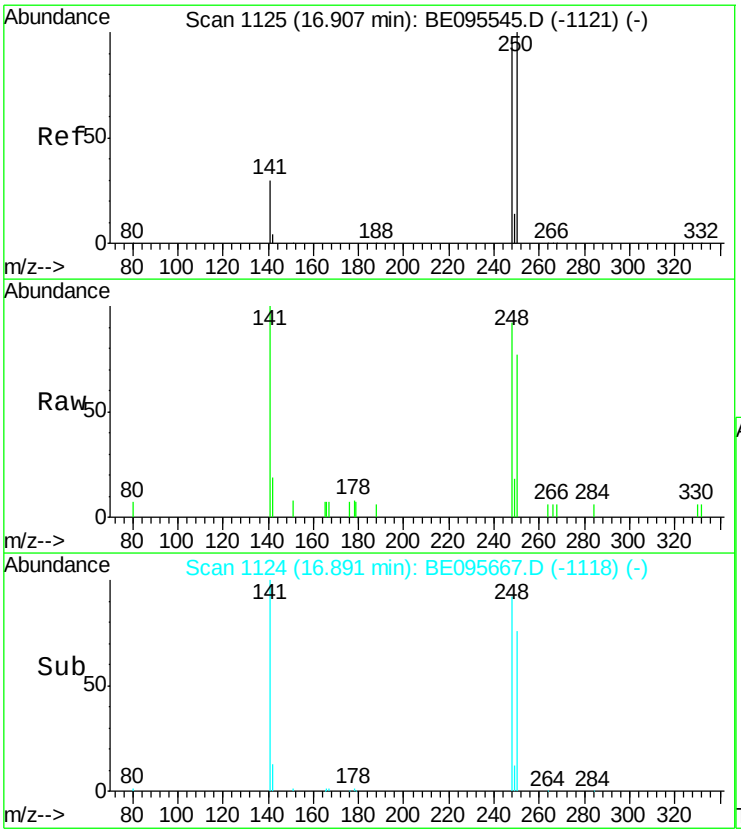
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.71 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5067

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	7.4	3.6	5.4#

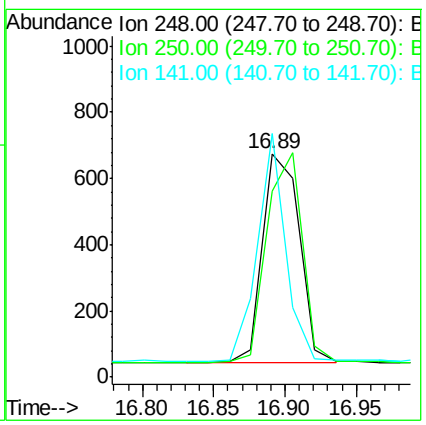


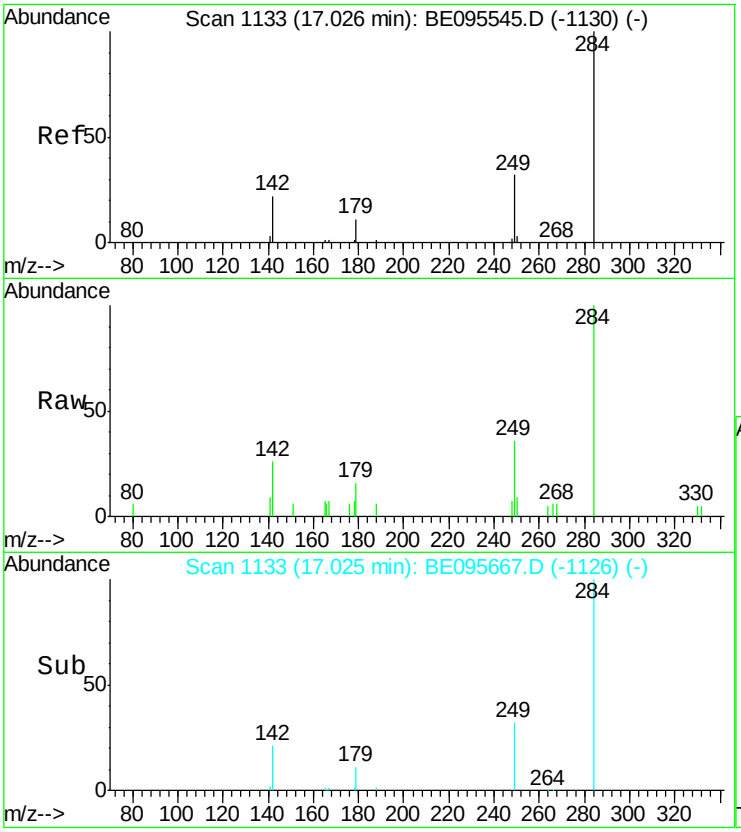


#20
4-Bromophenyl-phenylether
Concen: 0.38 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Tgt Ion:248 Resp: 1144

Ion	Ratio	Lower	Upper
248	100		
250	83.6	62.7	94.1
141	109.0	48.2	72.2#



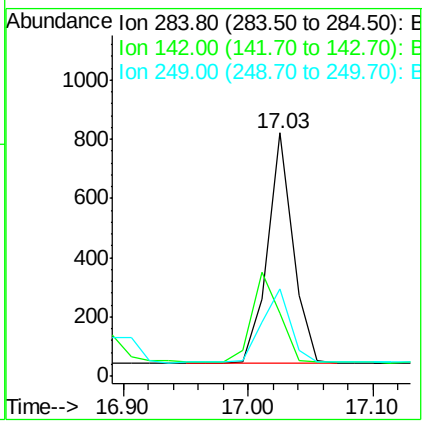


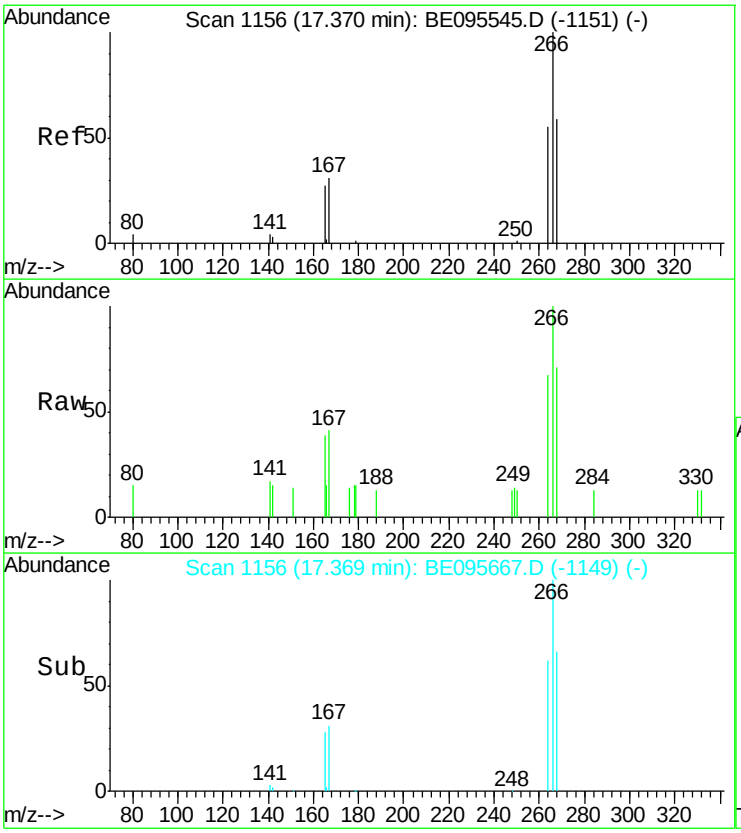
#21
Hexachlorobenzene
Concen: 0.35 ng
RT: 17.03 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1111

Ion	Ratio	Lower	Upper
284	100		
142	41.9	22.1	33.1#
249	34.8	34.8	52.2

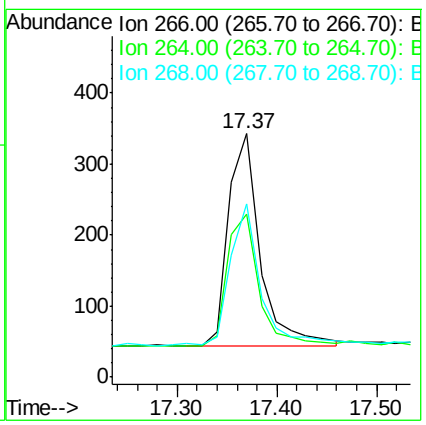


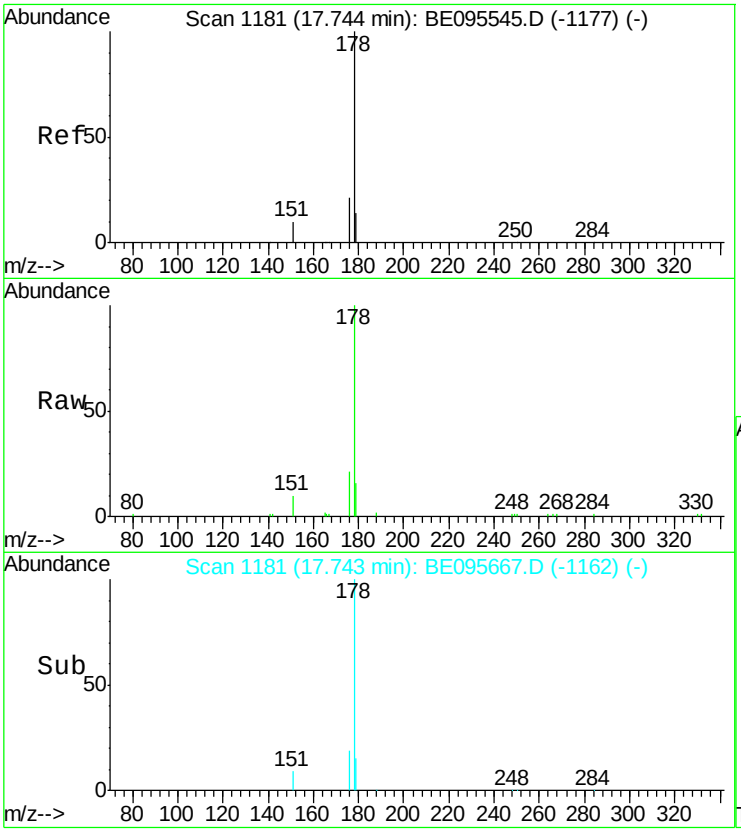


#22
Pentachlorophenol
Concen: 0.67 ng
RT: 17.37 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Tgt Ion:266 Resp: 654

Ion	Ratio	Lower	Upper
266	100		
264	67.1	72.5	108.7#
268	71.1	73.8	110.6#



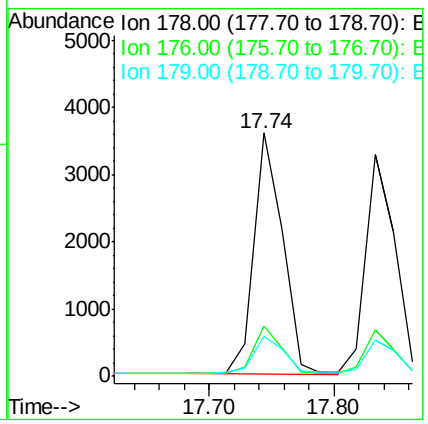


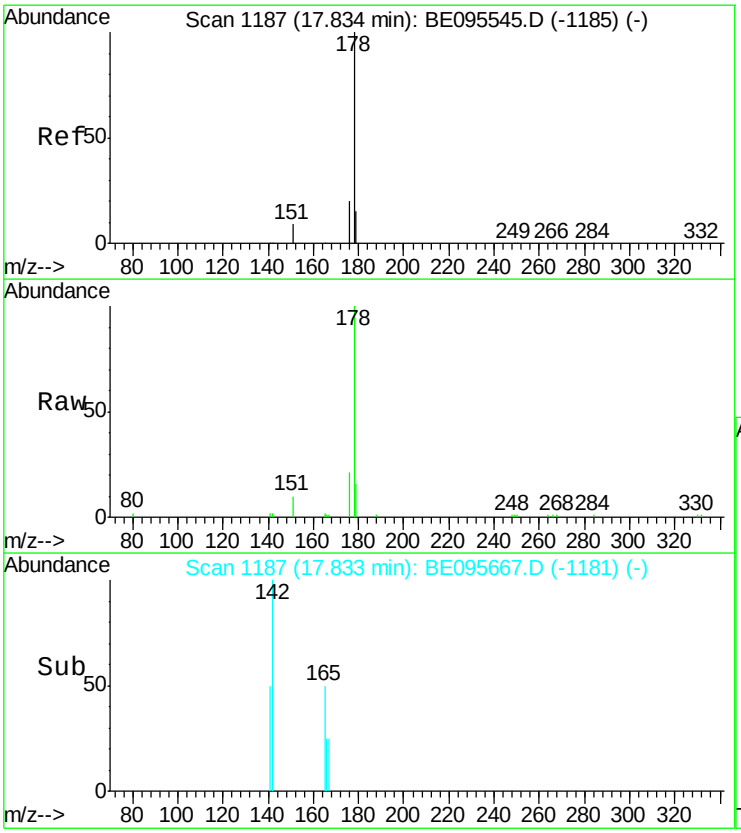
#23
Phenanthrene
Concen: 0.37 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 5726

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.6	11.8	17.6

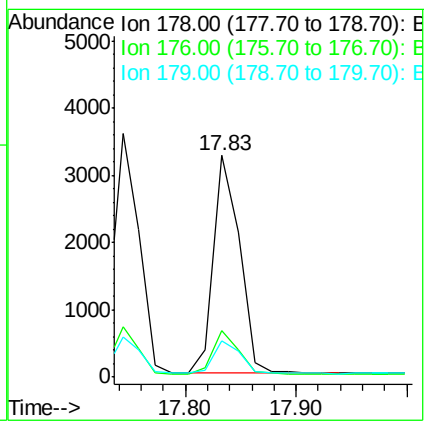


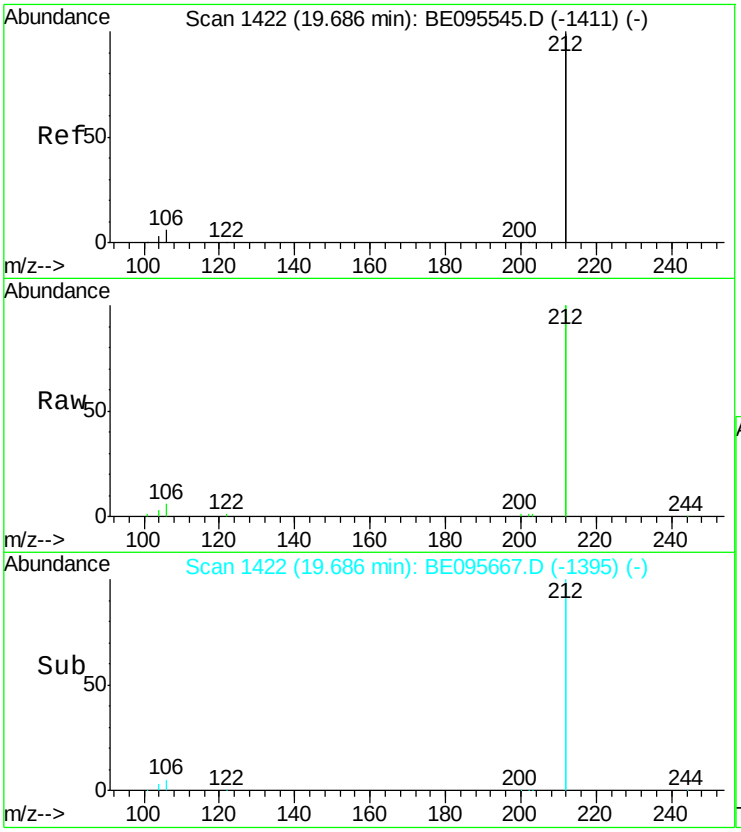


#24
Anthracene
Concen: 0.36 ng
RT: 17.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Tgt Ion:178 Resp: 5265

Ion	Ratio	Lower	Upper
178	100		
176	19.1	12.8	19.2
179	15.6	13.0	19.6



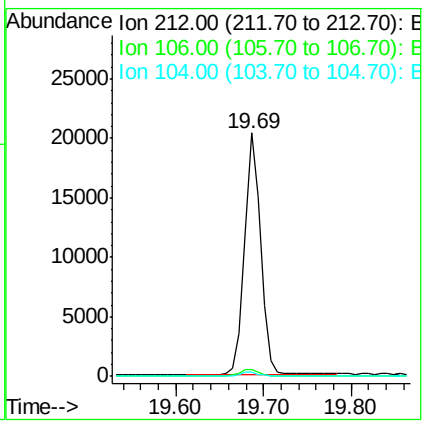


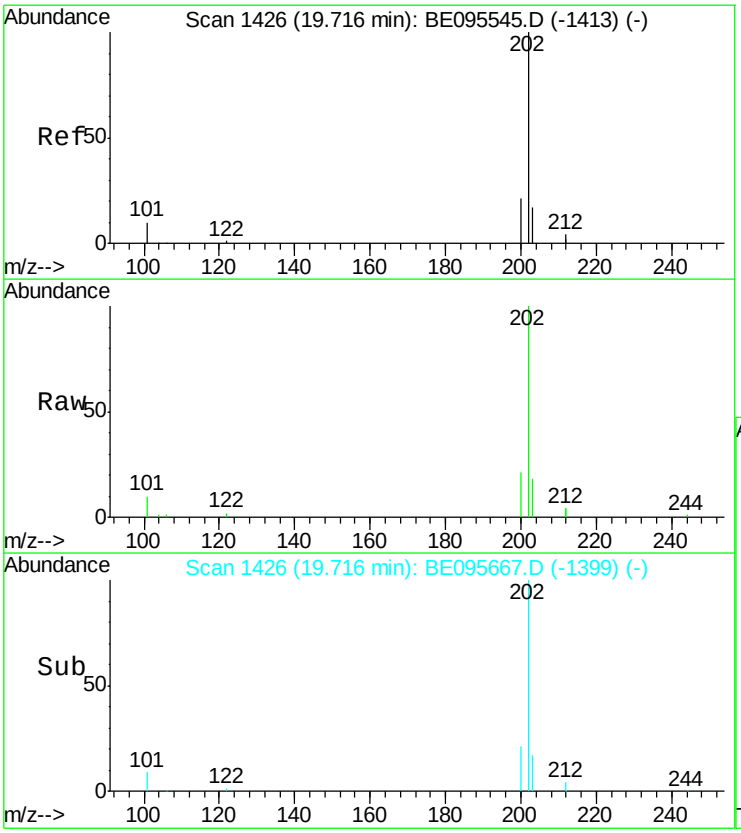
#25
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.69 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 26116

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

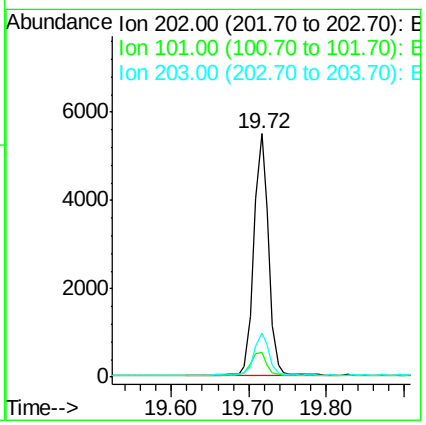


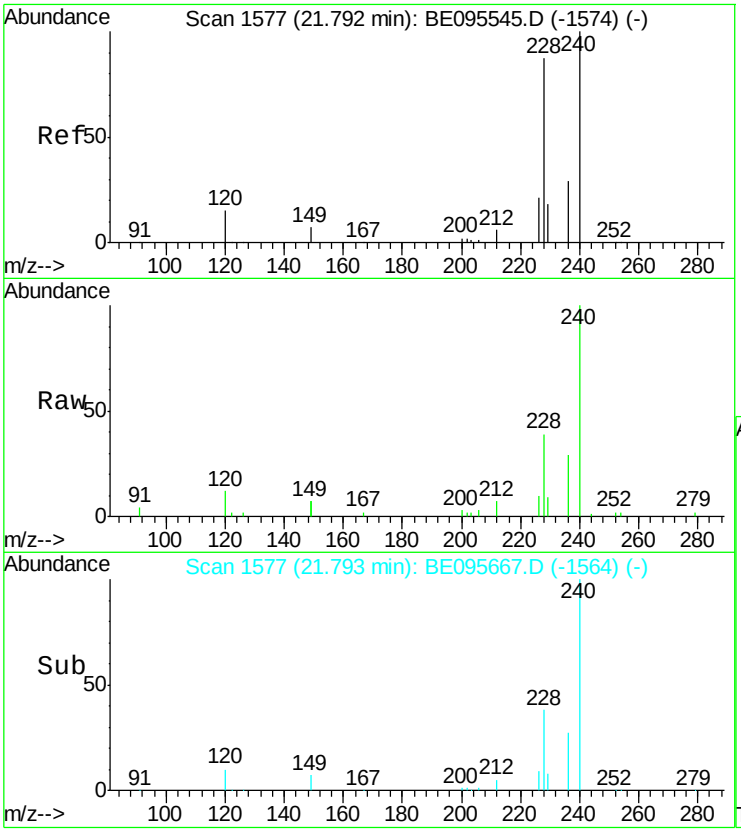


#26
Fluoranthene
Concen: 0.37 ng
RT: 19.72 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Tgt Ion:202 Resp: 7258

Ion	Ratio	Lower	Upper
202	100		
101	10.0	9.8	14.8
203	17.0	13.7	20.5



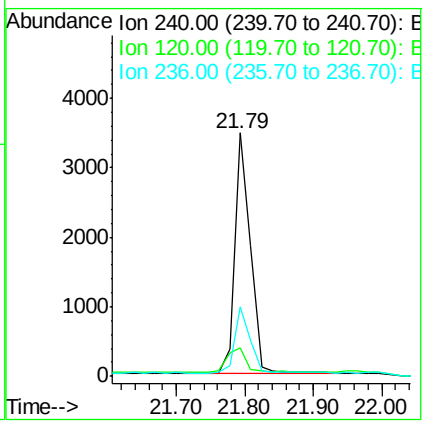


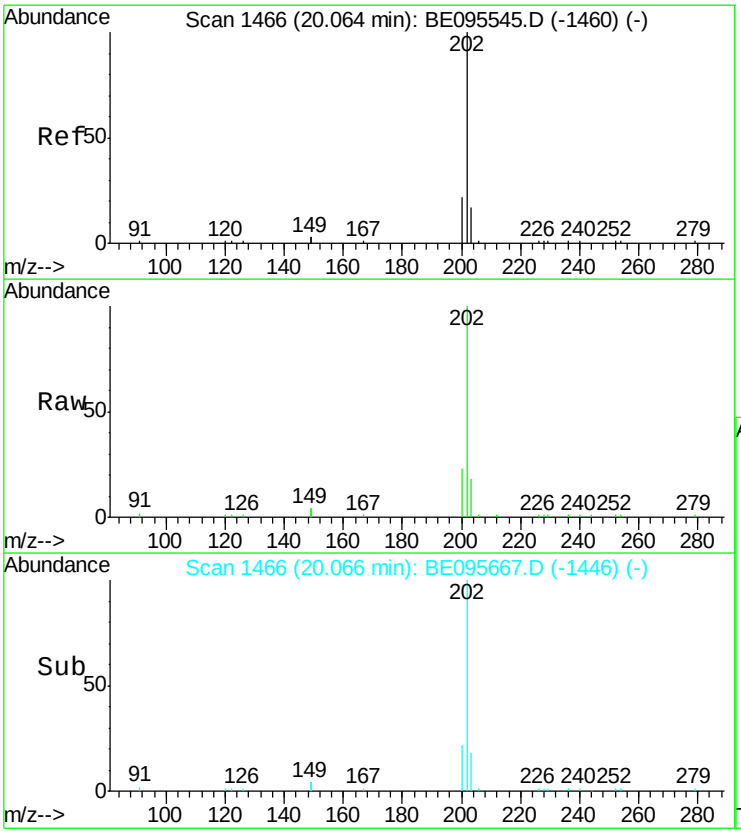
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.79 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 5446

Ion	Ratio	Lower	Upper
240	100		
120	11.6	5.5	8.3#
236	28.5	20.7	31.1

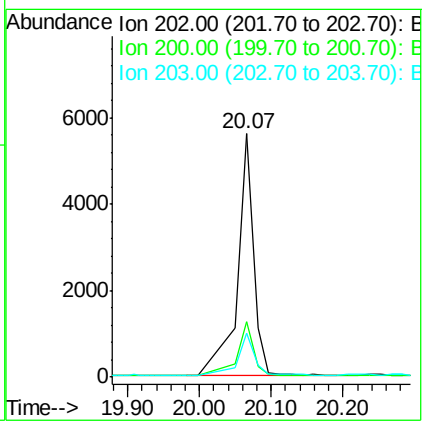


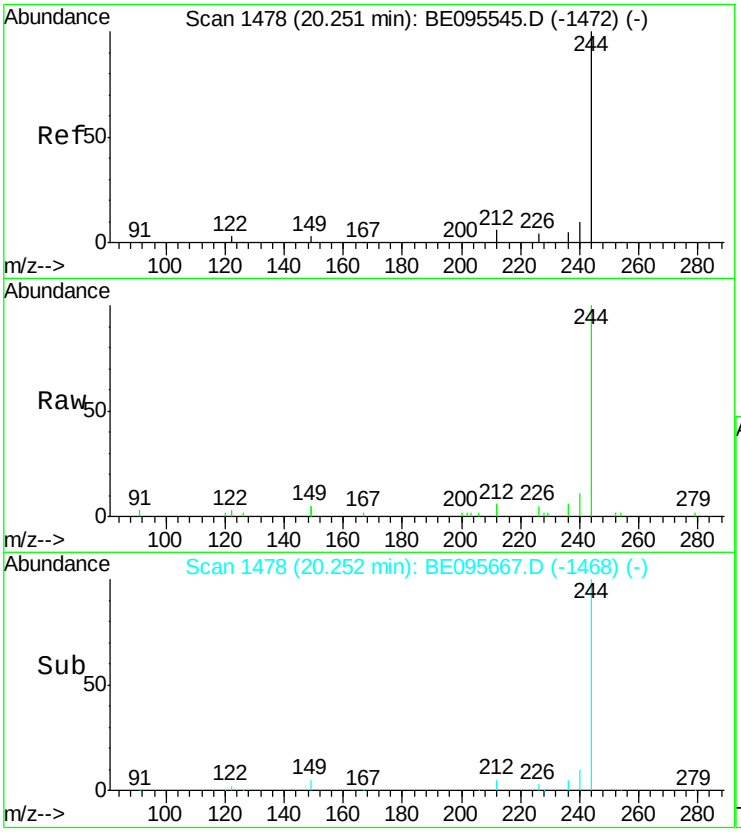


#28
Pyrene
Concen: 0.36 ng
RT: 20.07 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Tgt Ion:202 Resp: 8149

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	19.4	13.8	20.8



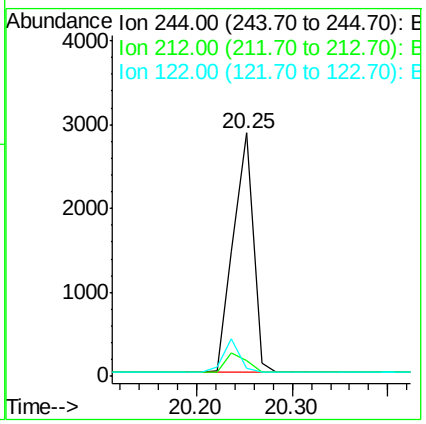


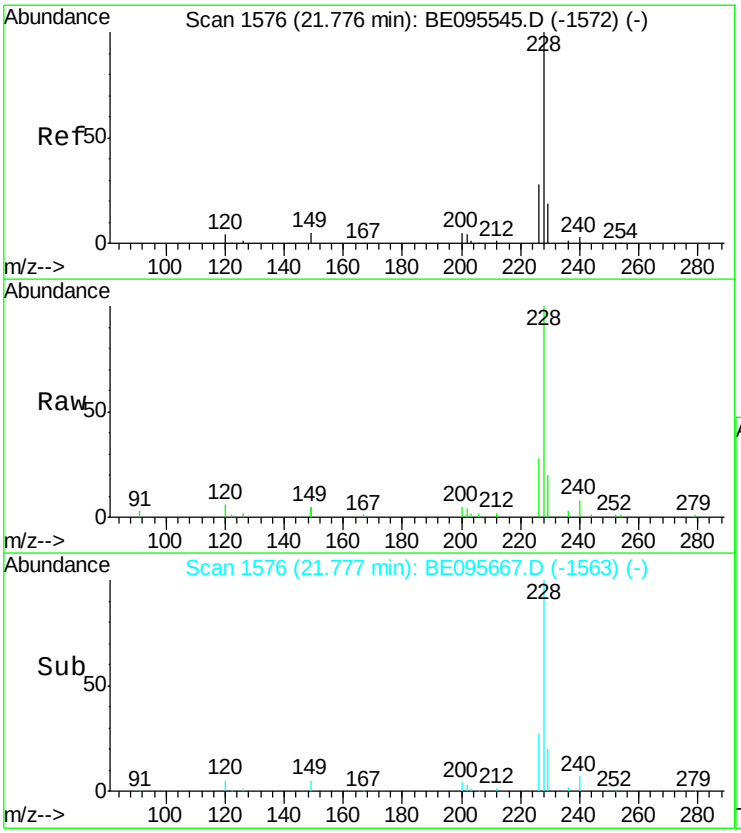
#29
Terphenyl-d14
Concen: 0.36 ng
RT: 20.25 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 4166

Ion	Ratio	Lower	Upper
244	100		
212	6.3	25.4	38.0#
122	3.3	8.1	12.1#

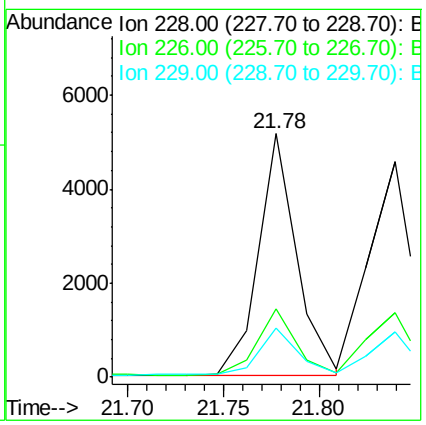


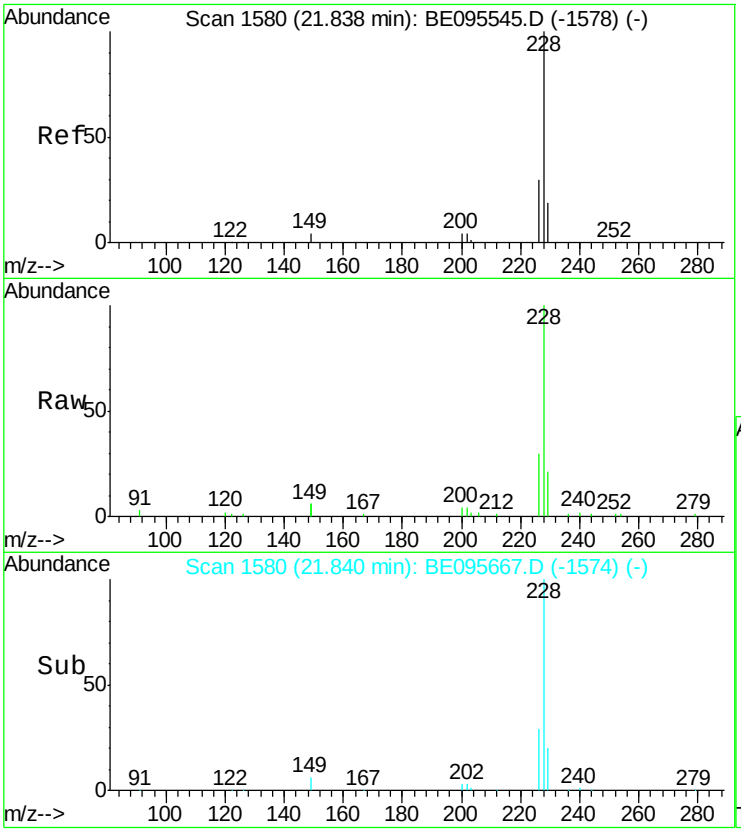


#30
Benzo(a)anthracene
Concen: 0.39 ng
RT: 21.78 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Tgt Ion:228 Resp: 7034

Ion	Ratio	Lower	Upper
228	100		
226	27.9	24.0	36.0
229	20.4	16.0	24.0



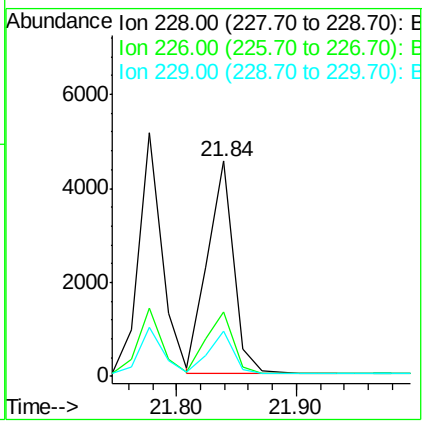


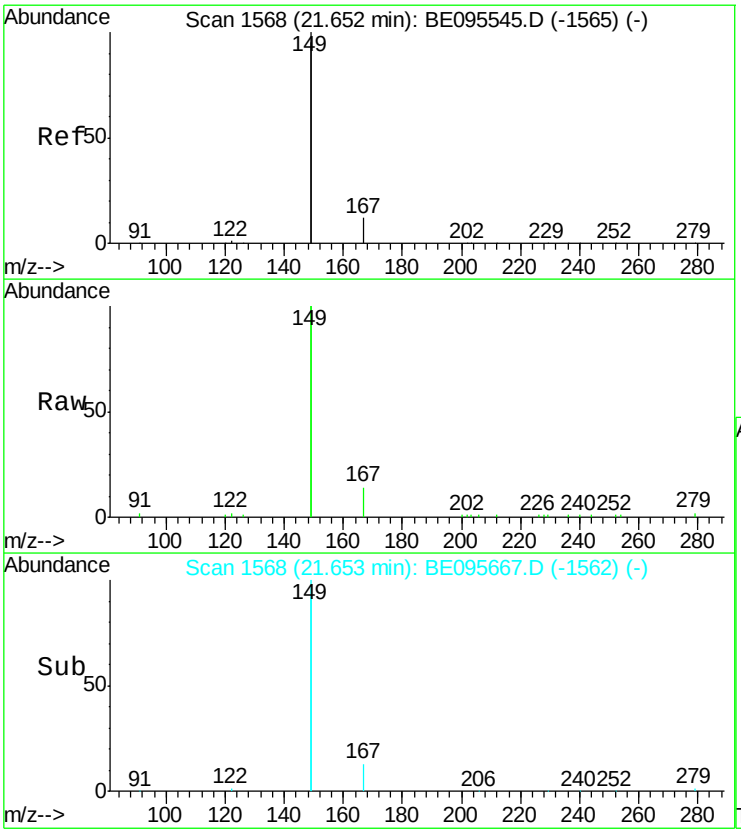
#31
Chrysene
Concen: 0.39 ng
RT: 21.84 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 6899

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	20.9	16.0	24.0

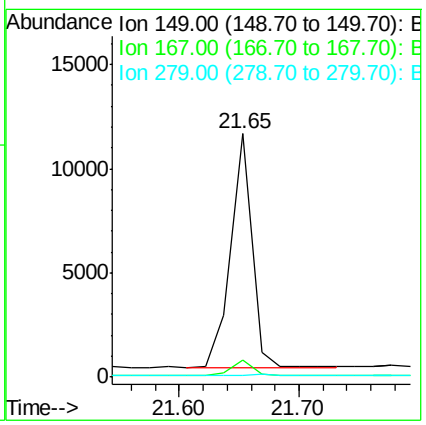


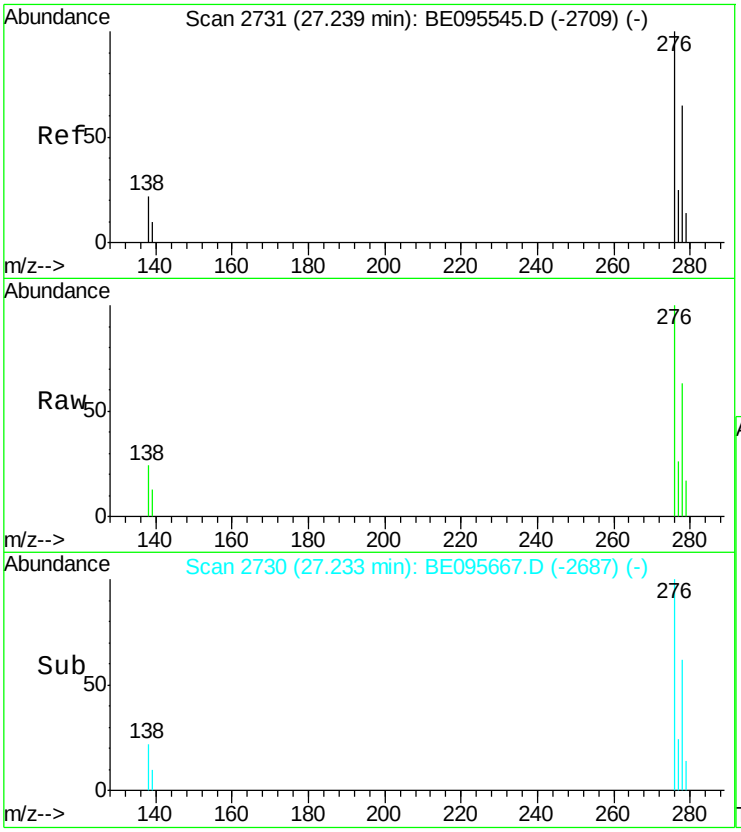


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.33 ng
RT: 21.65 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Tgt Ion:149 Resp: 13696

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	0.8	0.7	1.1



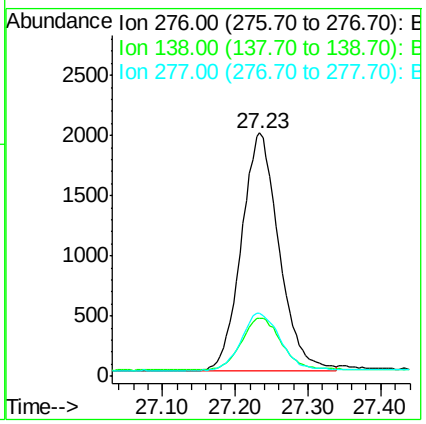


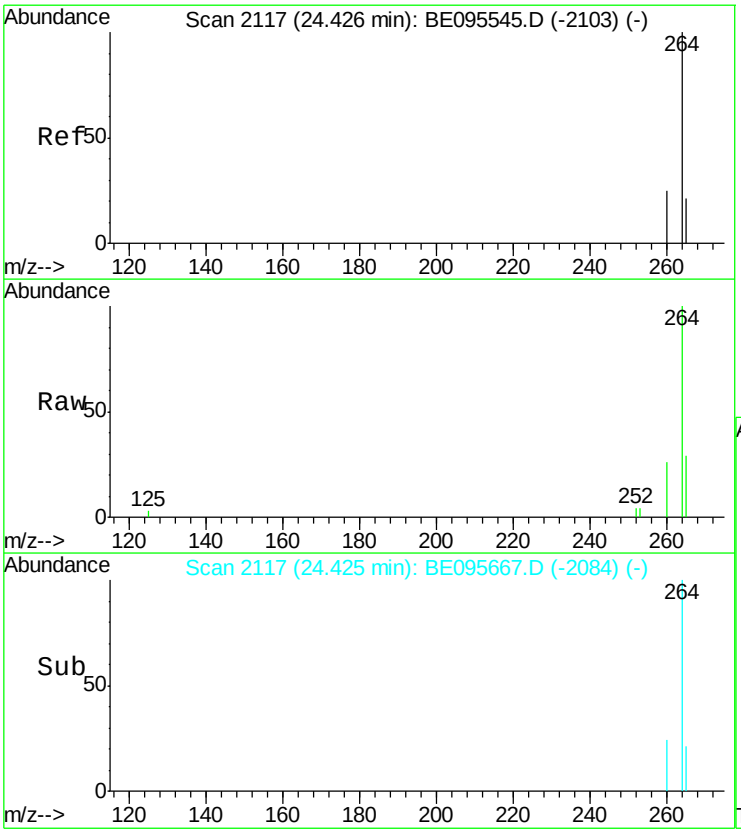
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.41 ng
RT: 27.23 min Scan# 2730
Delta R.T. -0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 7081

Ion	Ratio	Lower	Upper
276	100		
138	22.5	22.5	33.7
277	25.5	19.9	29.9

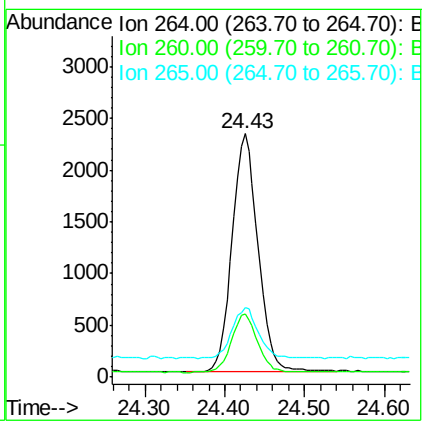


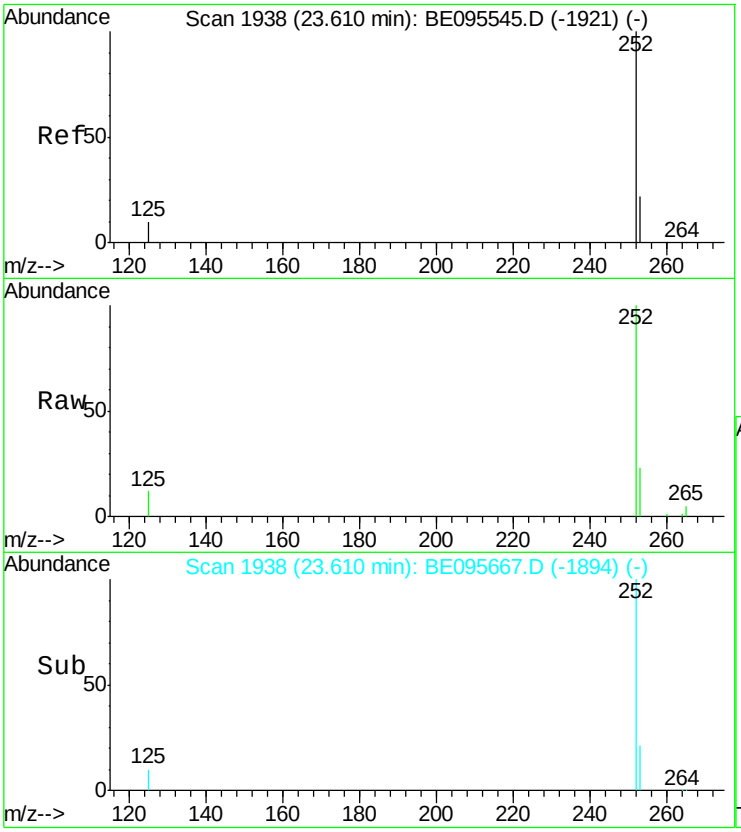


#34
Perylene-d12
Concen: 0.40 ng
RT: 24.43 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Tgt Ion:264 Resp: 5208

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	28.6	22.8	34.2



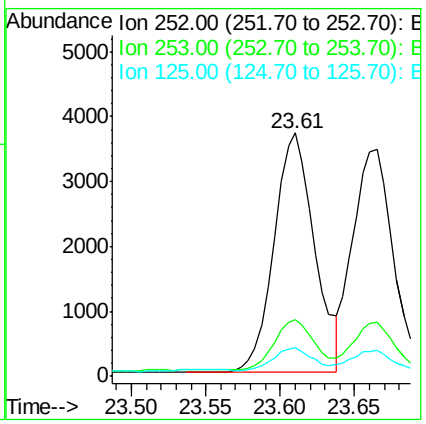


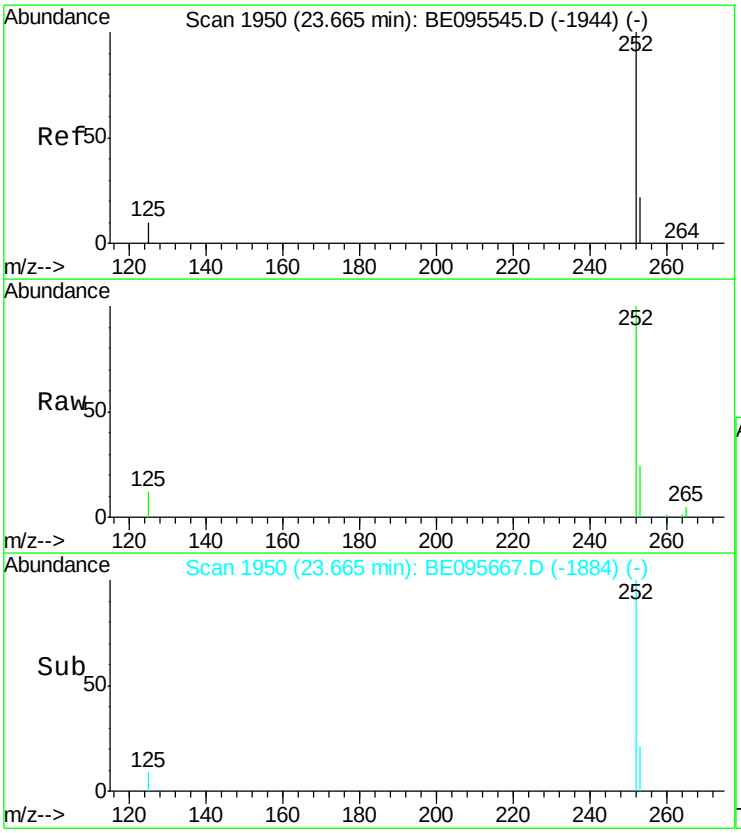
#35
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 23.61 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6957

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.0	30.0
125	11.5	16.0	24.0#

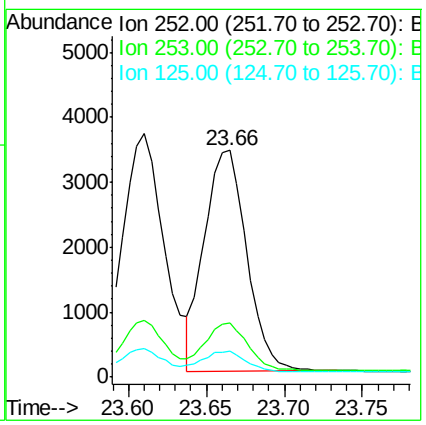


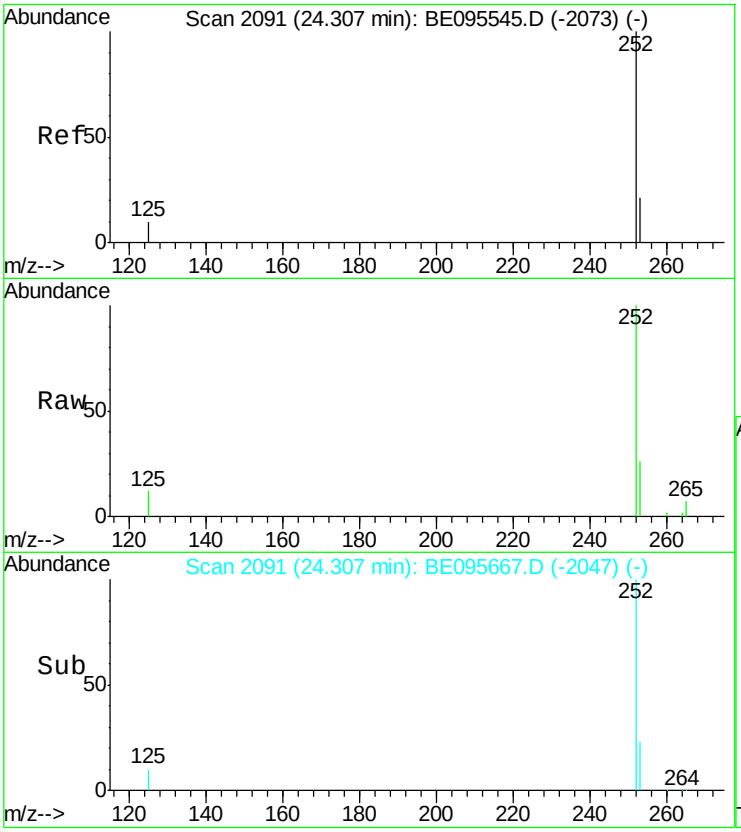


#36
Benzo(k)fluoranthene
Concen: 0.35 ng
RT: 23.66 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Tgt Ion:252 Resp: 6418

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.0	24.0
125	11.7	8.0	12.0



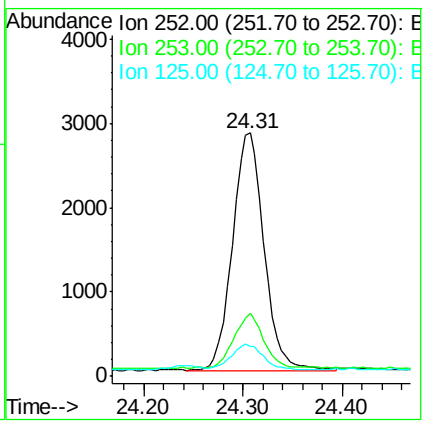


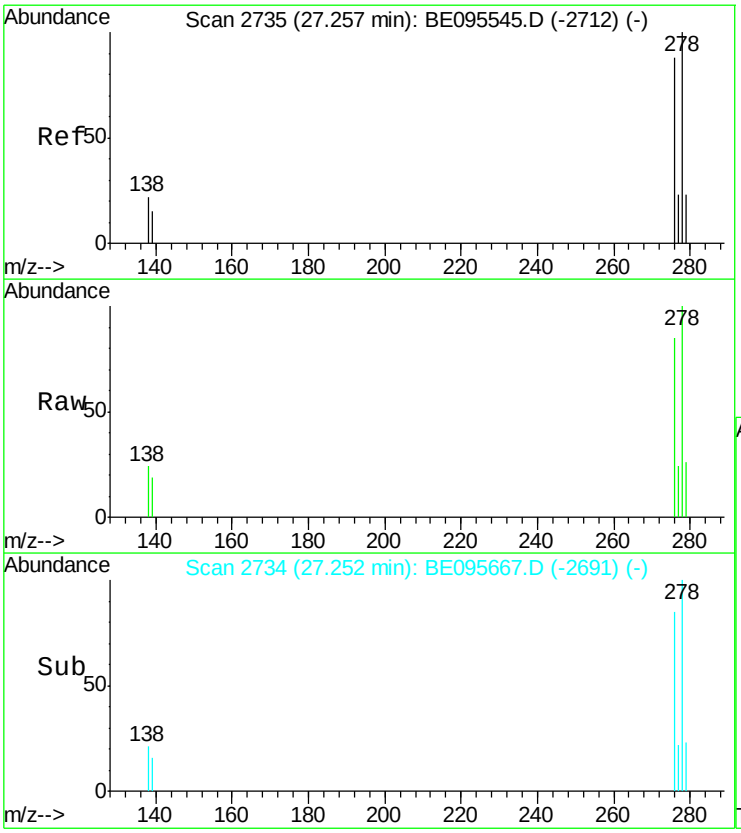
#37
Benzo(a)pyrene
Concen: 0.38 ng
RT: 24.31 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6233

Ion	Ratio	Lower	Upper
252	100		
253	25.7	16.0	24.0#
125	12.4	12.0	18.0

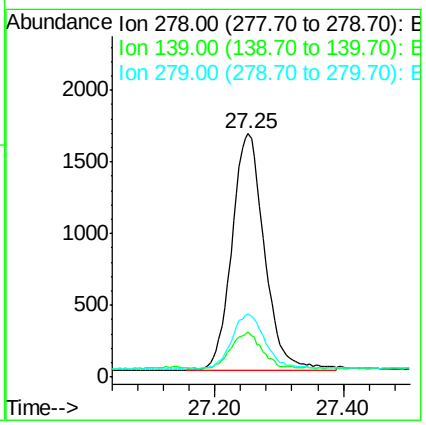


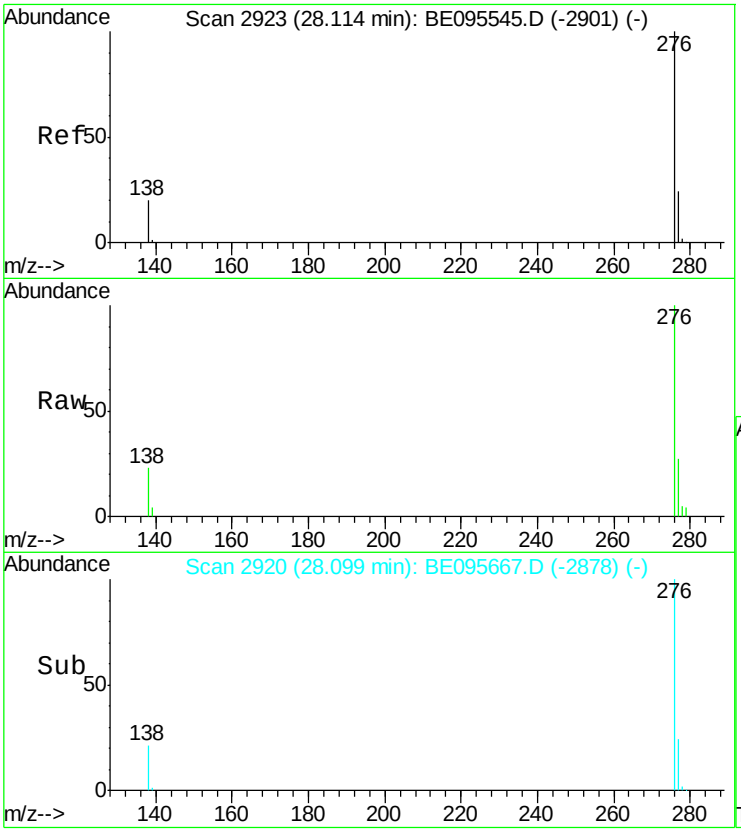


#38
Dibenzo(a,h)anthracene
Concen: 0.40 ng
RT: 27.25 min Scan# 2734
Delta R.T. -0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Tgt Ion:278 Resp: 5828

Ion	Ratio	Lower	Upper
278	100		
139	18.5	16.0	24.0
279	25.7	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.39 ng
RT: 28.10 min Scan# 2920
Delta R.T. -0.01 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 6128

Ion	Ratio	Lower	Upper
276	100		
277	26.9	16.0	24.0#
138	23.4	20.0	30.0