Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
Data File : BE096945.D
Acq On : 16 Jul 2018 19:33
Operator : SJ/JU
Sample : J3170-14RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : GW02-071118RE

Quant Time: Jul 17 16:42:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 15:02:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	2036	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	9687	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	5189	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	14867	0.40	ng		-0.01
27) Chrysene-d12	20.98	240	13512	0.40	ng		0.00
34) Perylene-d12	23.21	264	13910	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	987	0.20	ng		0.00
5) Phenol-d6	6.59	99	872	0.12	ng		0.00
8) Nitrobenzene-d5	8.52	82	3462	0.49	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	6692	0.47	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	674	0.56	ng		0.00
15) 2-Fluorobiphenyl	12.64	172	9771	0.51	ng		0.00
25) Fluoranthene-d10	18.81	212	78147	0.60	ng		0.00
29) Terphenyl-d14	19.43	244	16130	0.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	25589	8.780	ng	#	88
3) n-Nitrosodimethylamine	3.36	42	73	0.022	ng	#	20
6) bis(2-Chloroethyl)ether	6.84	93	274	0.038	ng		91
9) Naphthalene	10.20	128	5400	0.062	ng	#	97
10) Hexachlorobutadiene	10.44	225	6	0.002	ng	#	56
12) 2-Methylnaphthalene	11.81	142	439	0.030	ng	#	92
16) Acenaphthylene	13.74	152	72	0.003	ng	#	54
17) Acenaphthene	14.08	154	66	0.004	ng	#	72
18) Fluorene	15.08	166	164	0.010	ng	#	83
20) 4-Bromophenyl-phenylether	16.00	248	3	0.000	ng	#	24
21) Hexachlorobenzene	16.08	284	9	0.001	ng	#	1
22) Pentachlorophenol	16.44	266	34	0.008	ng		97
23) Phenanthrene	16.81	178	694	0.019	ng	#	82
24) Anthracene	16.91	178	78	0.003	ng	#	77
26) Fluoranthene	18.84	202	175	0.005	ng	#	85
28) Pyrene	19.20	202	144	0.004	ng	#	84
30) Benzo(a)anthracene	20.97	228	129	0.004	ng	#	29
31) Chrysene	20.97	228	96	0.003	ng	#	29
32) Bis(2-ethylhexyl)phthalate	20.93	149	8392	0.261	ng	#	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	23	0.001	ng	#	74
35) Benzo(b)fluoranthene	22.54	252	96	0.003	ng	#	1
36) Benzo(k)fluoranthene	22.61	252	129	0.003	ng	#	1
37) Benzo(a)pyrene	23.10	252	11	0.102	ng	#	1
38) Dibenzo(a,h)anthracene	25.53	278	24	0.118	ng	#	1
39) Benzo(g,h,i)perylene	26.20	276	17	0.001	ng	#	1

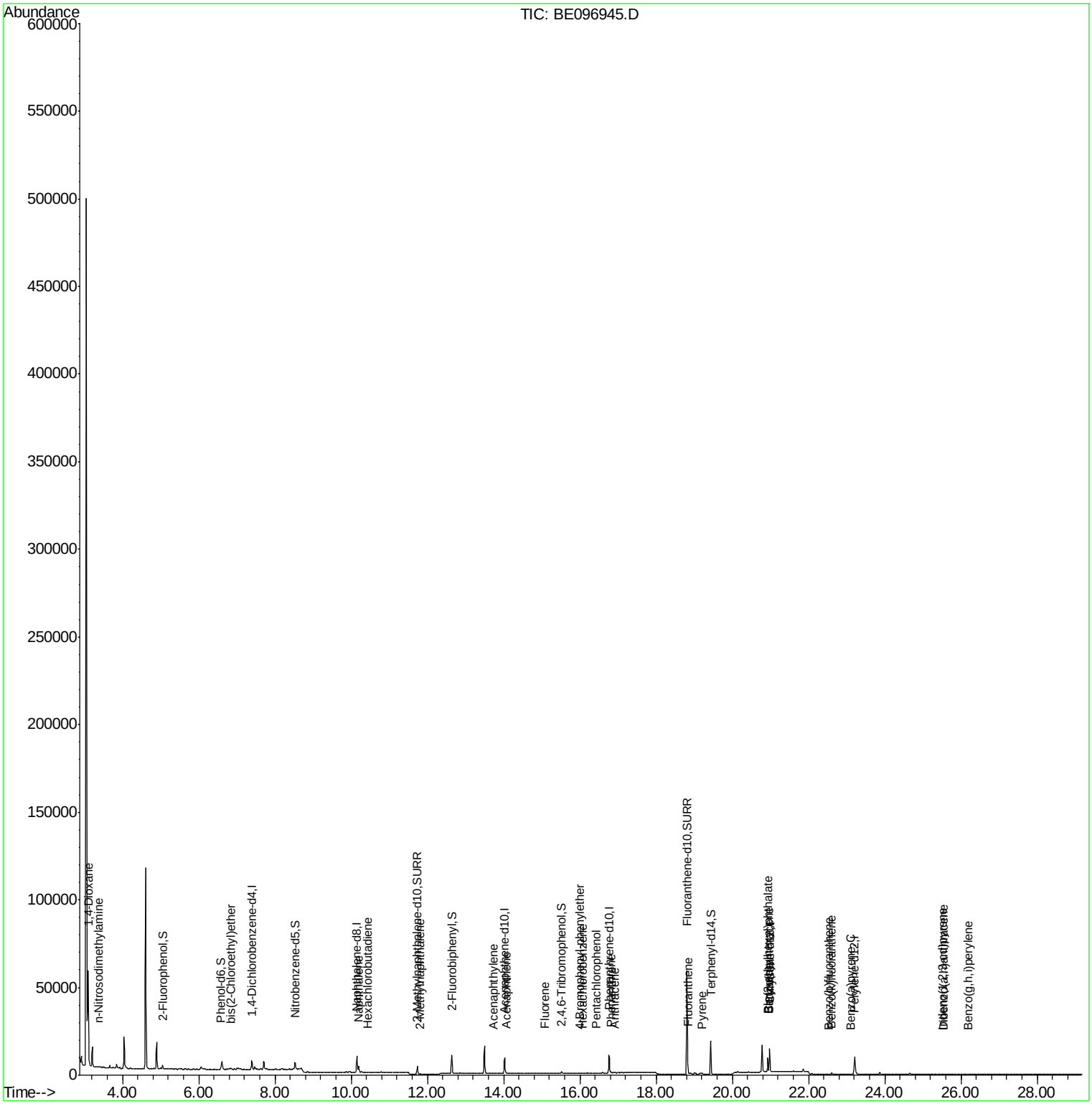
(#) = qualifier out of range (m) = manual integration (+) = signals summed

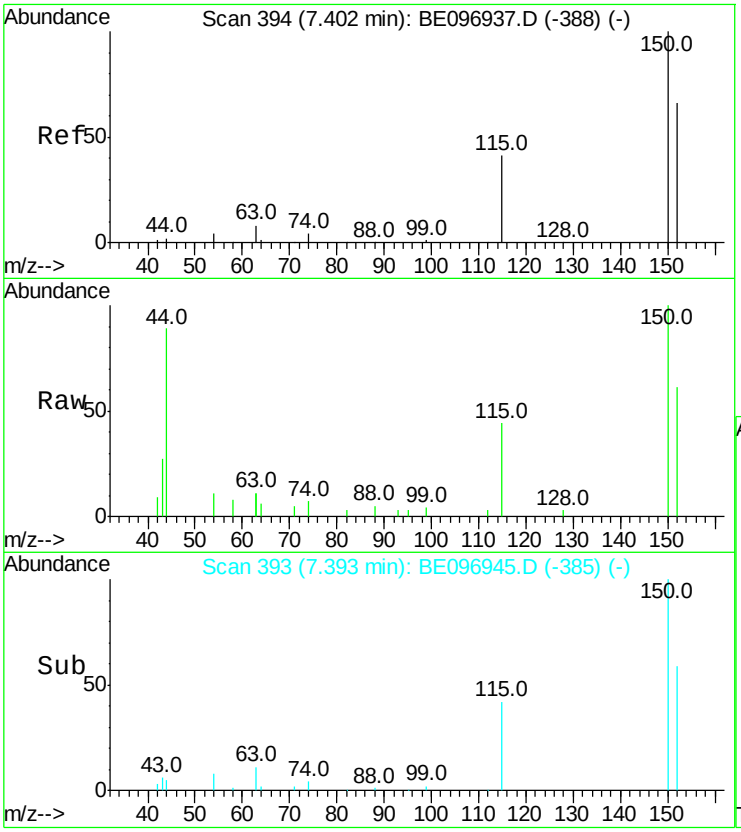
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
Data File : BE096945.D
Acq On : 16 Jul 2018 19:33
Operator : SJ/JU
Sample : J3170-14RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
GW02-071118RE

Quant Time: Jul 17 16:42:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 15:02:56 2018
Response via : Initial Calibration



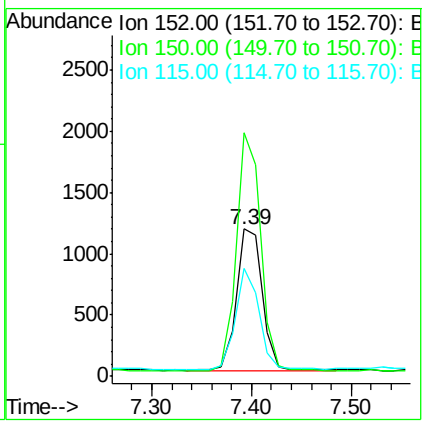


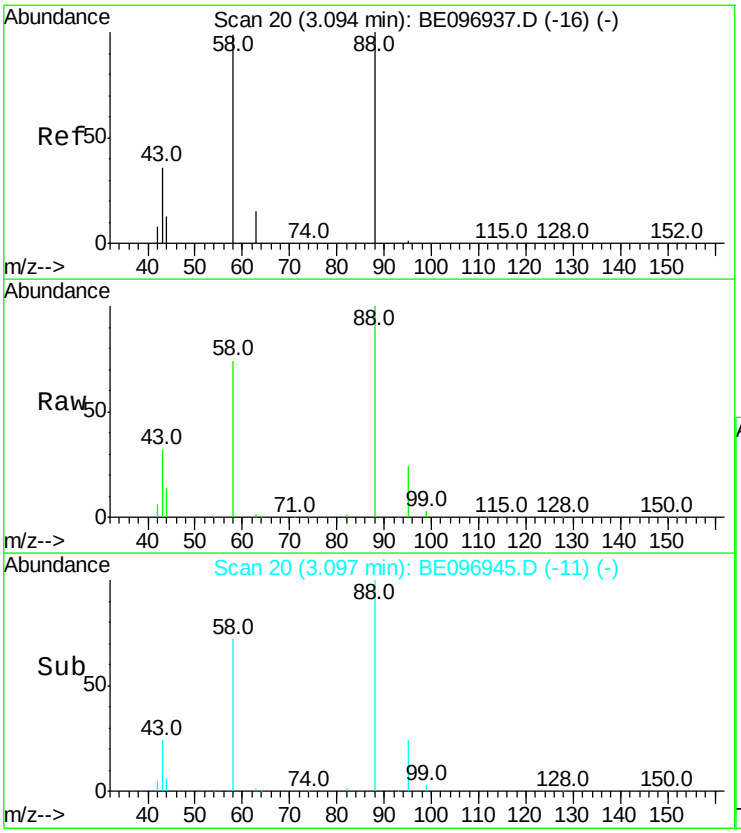
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.01 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Instrument :
BNA_E
ClientSampleId :
GW02-071118RE

Tgt Ion:152 Resp: 2036

Ion	Ratio	Lower	Upper
152	100		
150	165.2	117.2	175.8
115	73.3	57.0	85.6

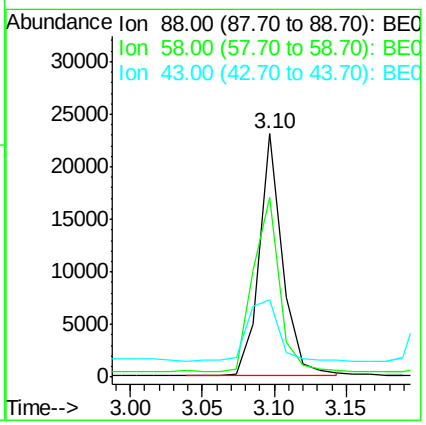


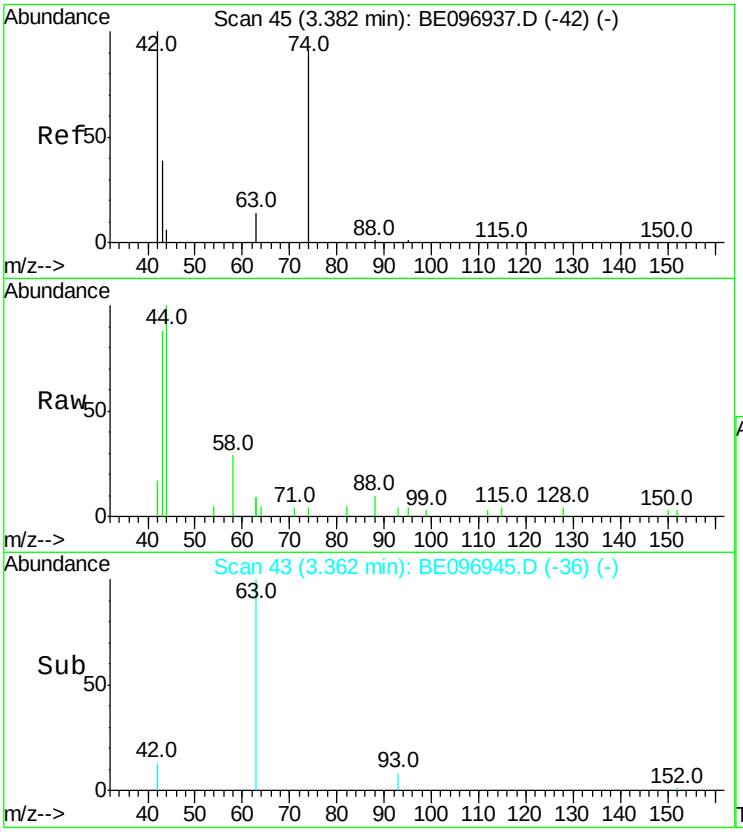


#2
1,4-Dioxane
Concen: 8.780 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Tgt Ion: 88 Resp: 25589

Ion	Ratio	Lower	Upper
88	100		
58	81.7	63.2	94.8
43	33.9	41.2	61.8#



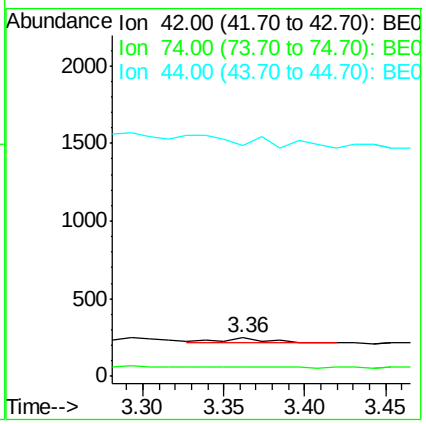


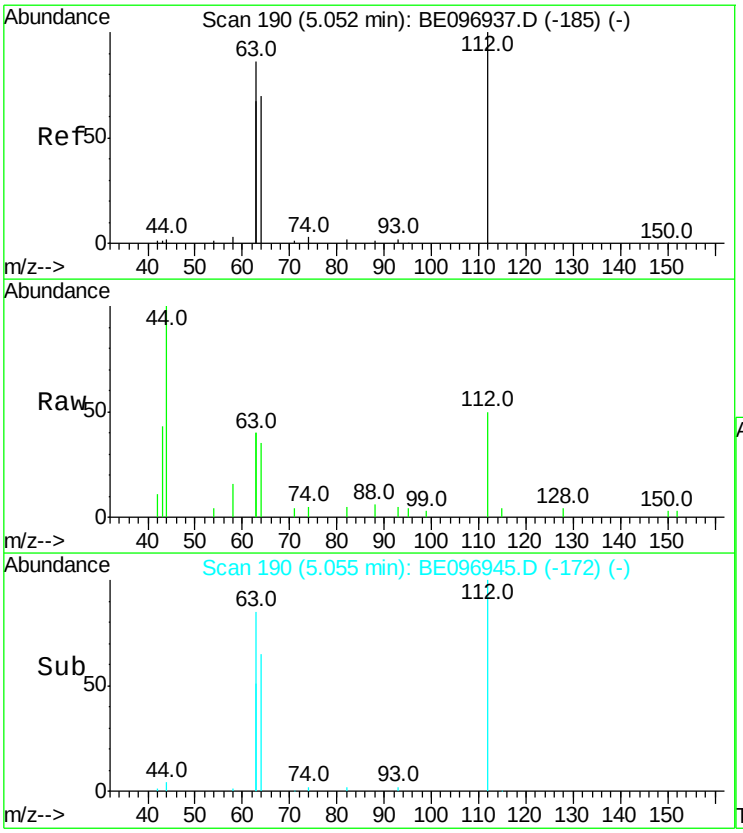
#3
n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.02 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Instrument :
BNA_E
ClientSampleId :
GW02-071118RE

Tgt Ion: 42 Resp: 73

Ion	Ratio	Lower	Upper
42	100		
74	24.7	96.0	144.0#
44	0.0	12.0	18.0#

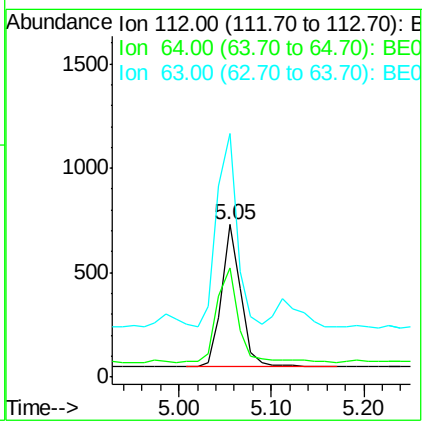


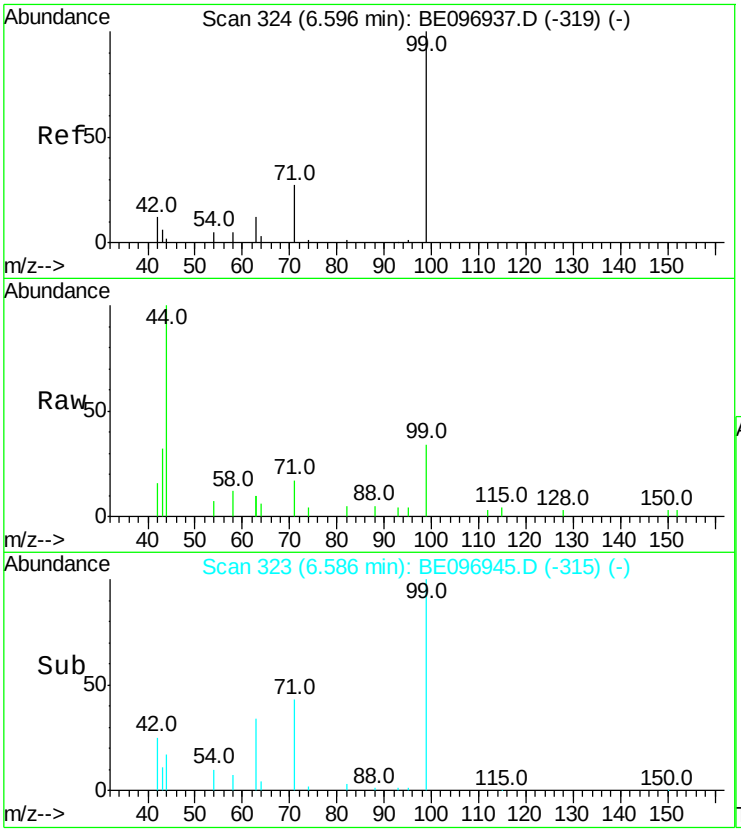


#4
2-Fluorophenol
Concen: 0.203 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Tgt Ion:112 Resp: 987

Ion	Ratio	Lower	Upper
112	100		
64	74.7	60.1	90.1
63	142.2	116.8	175.2



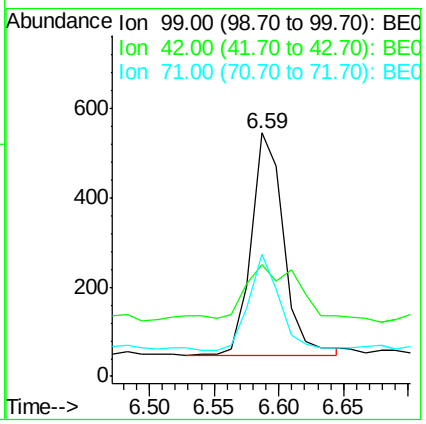


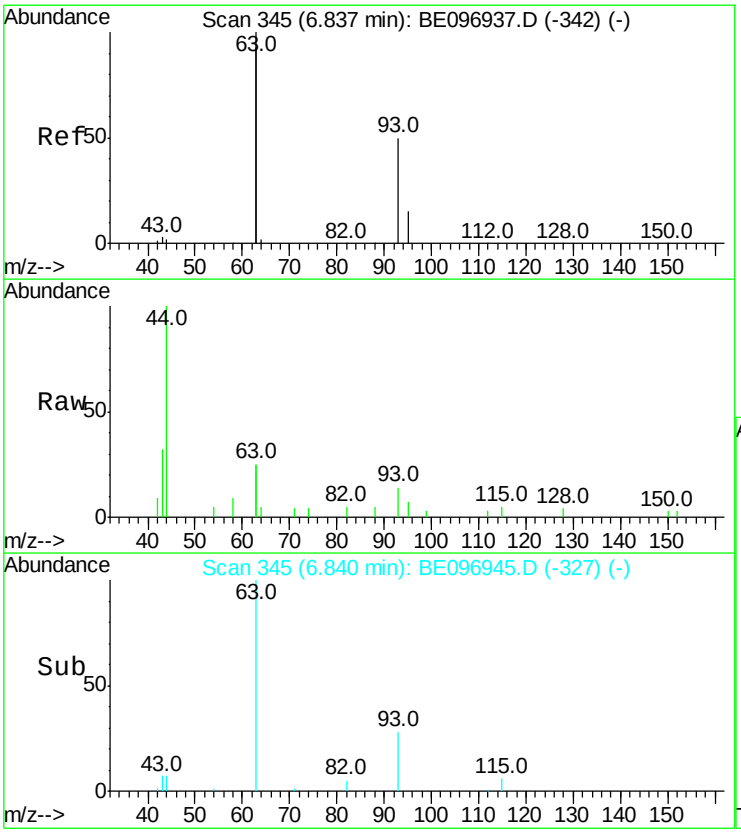
#5
Phenol-d6
Concen: 0.117 ng
RT: 6.59 min Scan# 323
Delta R.T. -0.01 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Instrument :
BNA_E
ClientSampleId :
GW02-071118RE

Tgt Ion: 99 Resp: 872

Ion	Ratio	Lower	Upper
99	100		
42	41.2	20.2	30.2#
71	40.6	28.4	42.6

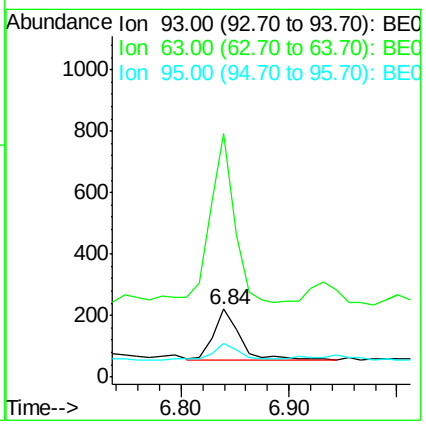


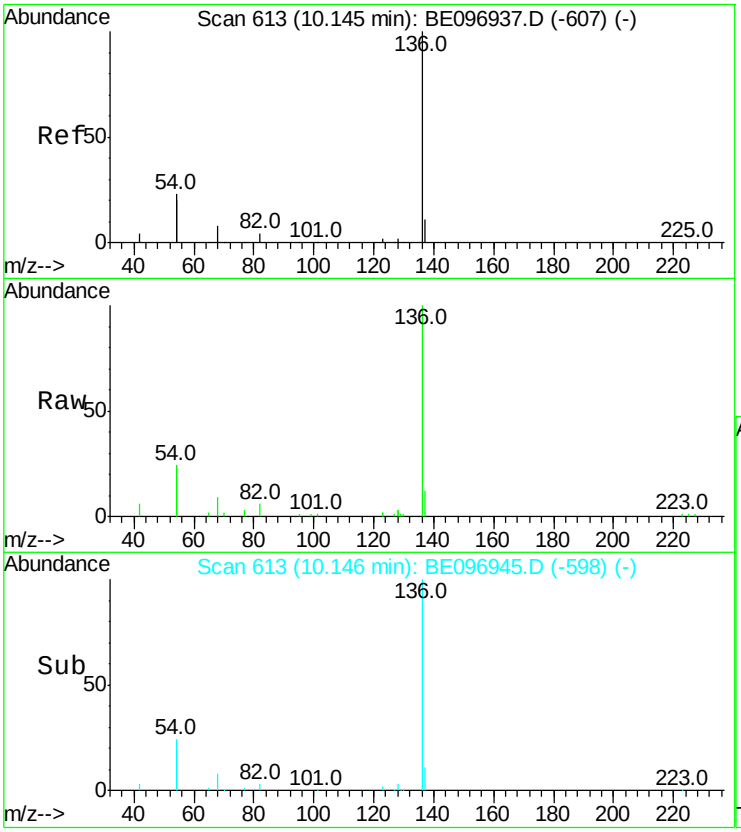


#6
bis(2-Chloroethyl)ether
Concen: 0.038 ng
RT: 6.84 min Scan# 345
Delta R.T. 0.00 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Tgt Ion: 93 Resp: 274

Ion	Ratio	Lower	Upper
93	100		
63	325.9	275.3	412.9
95	36.5	25.2	37.8



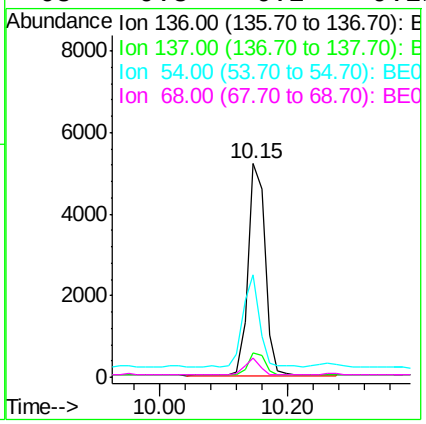


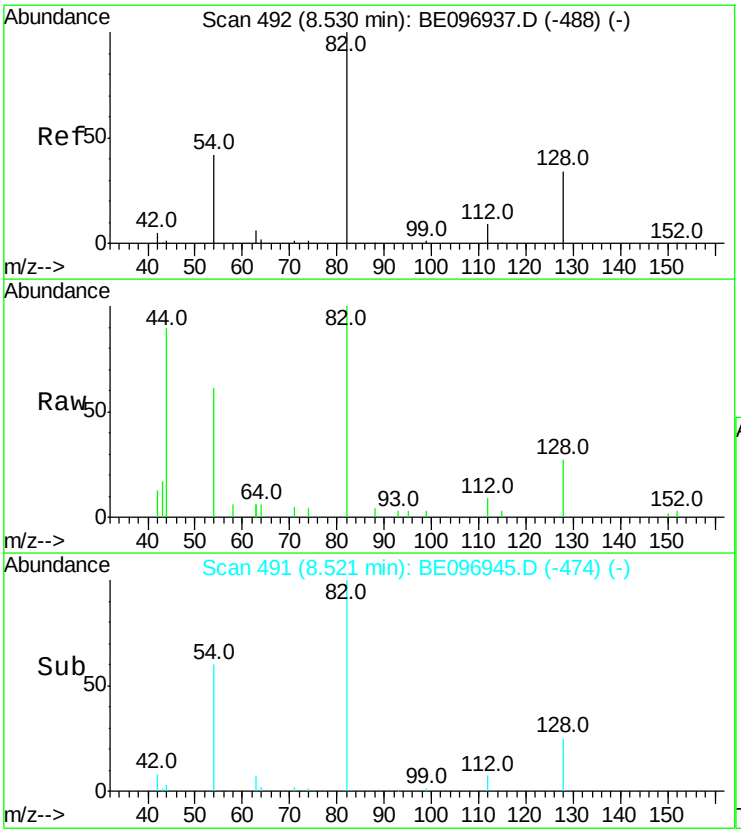
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Instrument :
BNA_E
ClientSampleId :
GW02-071118RE

Tgt Ion:136 Resp: 9687

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.5	14.3
54	47.9	29.1	43.7#
68	9.3	6.2	9.2#

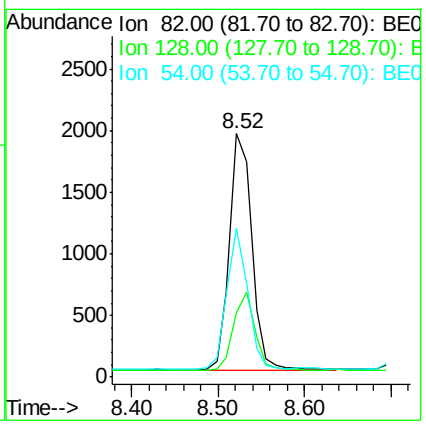


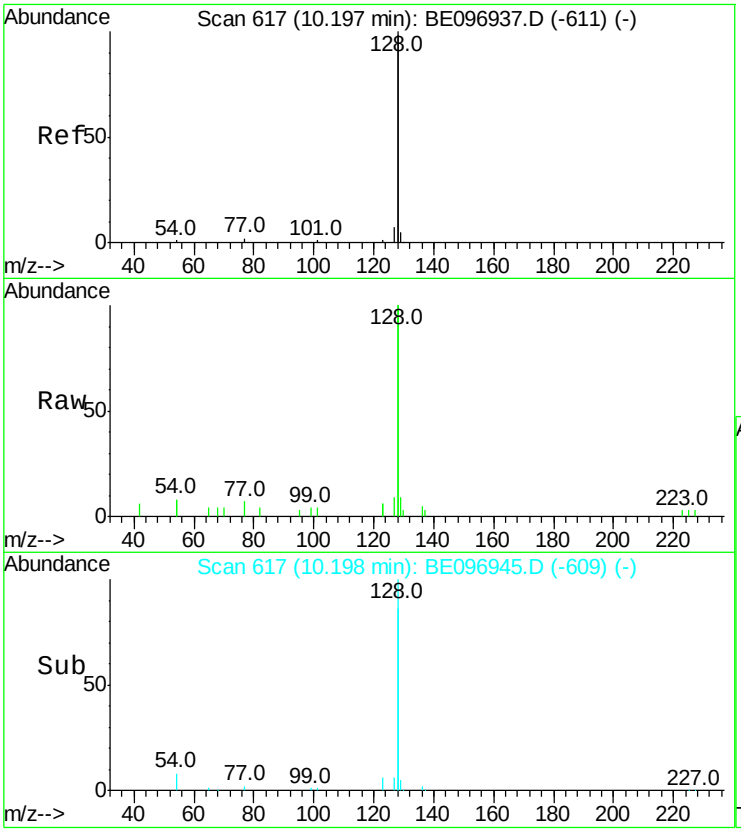


#8
Nitrobenzene-d5
Concen: 0.490 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.01 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Tgt Ion: 82 Resp: 3462

Ion	Ratio	Lower	Upper
82	100		
128	26.5	24.0	36.0
54	61.2	40.0	60.0#



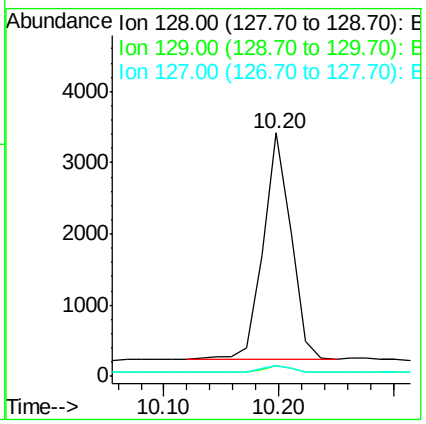


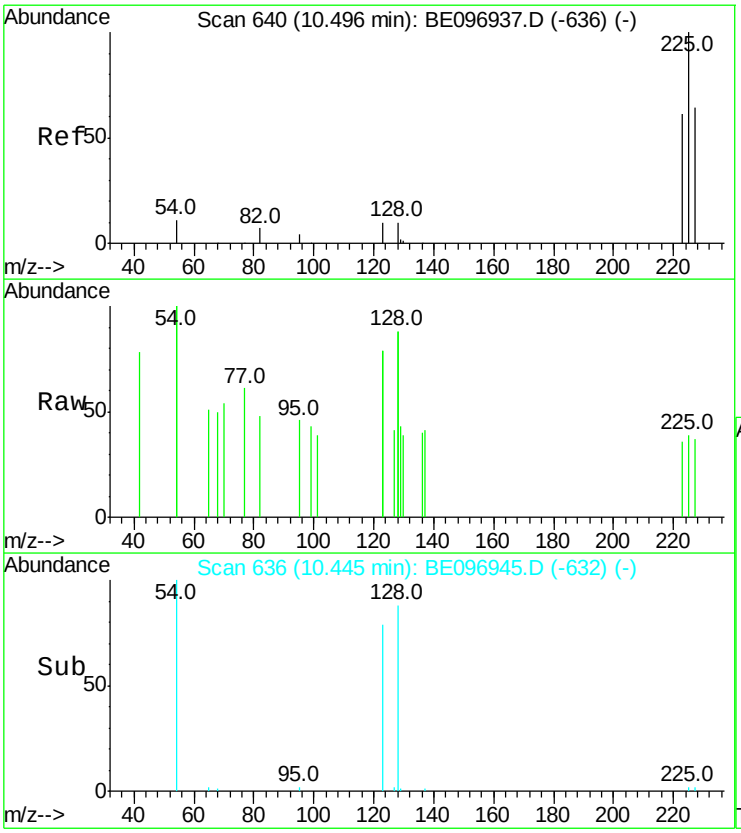
#9
Naphthalene
Concen: 0.062 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Instrument :
BNA_E
ClientSampleId :
GW02-071118RE

Tgt Ion:128 Resp: 5400

Ion	Ratio	Lower	Upper
128	100		
129	4.3	2.6	3.8#
127	4.5	2.8	4.2#

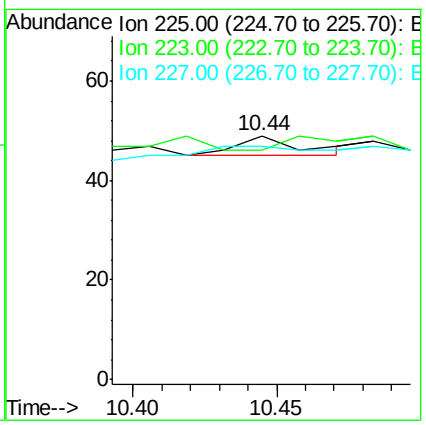


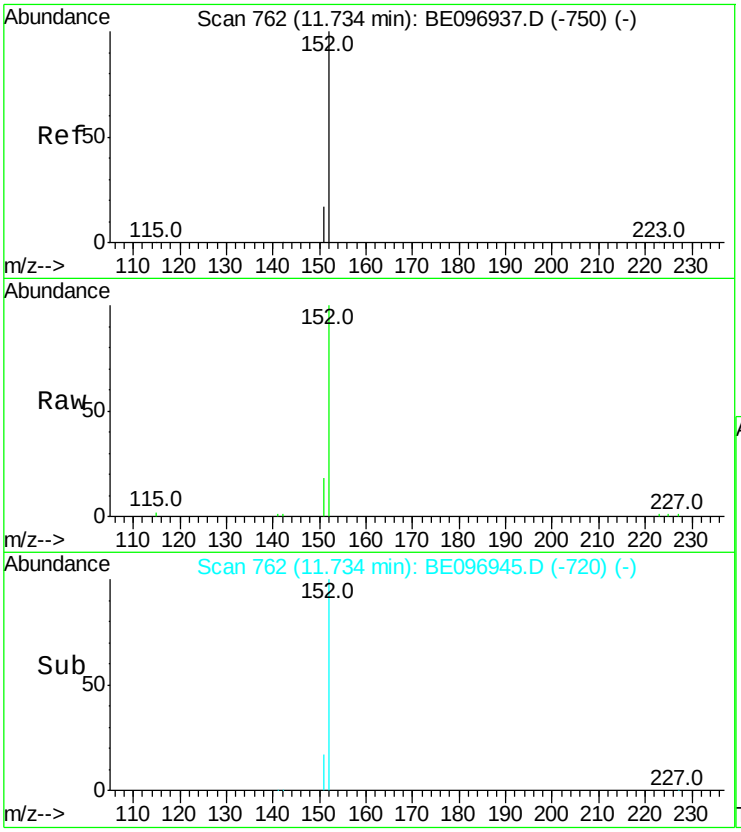


#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 10.44 min Scan# 636
Delta R.T. -0.05 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Tgt Ion:225 Resp: 6

Ion	Ratio	Lower	Upper
225	100		
223	0.0	53.0	79.6#
227	66.7	51.4	77.2



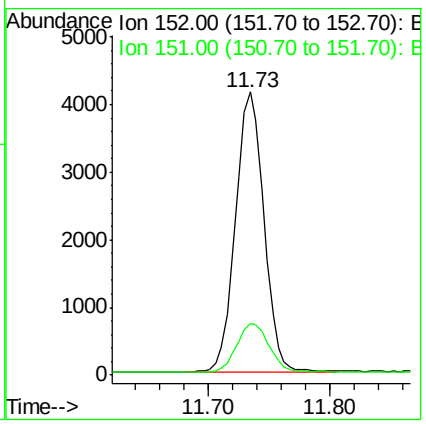


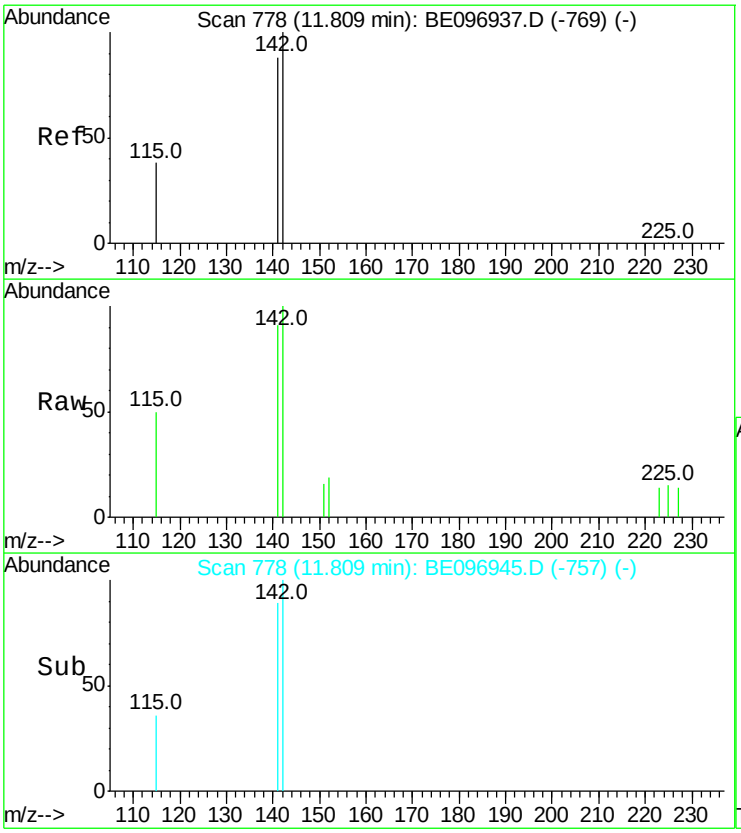
#11
2-Methylnaphthalene-d10
Concen: 0.474 ng
RT: 11.73 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Instrument :
BNA_E
ClientSampleId :
GW02-071118RE

Tgt Ion:152 Resp: 6692

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0

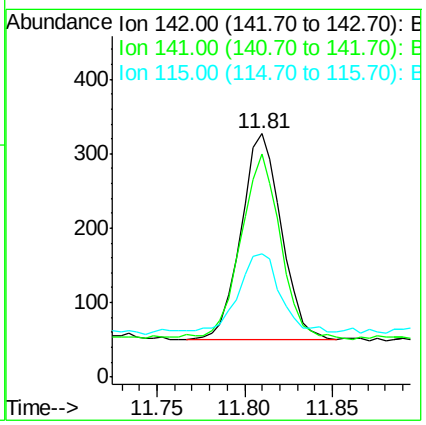


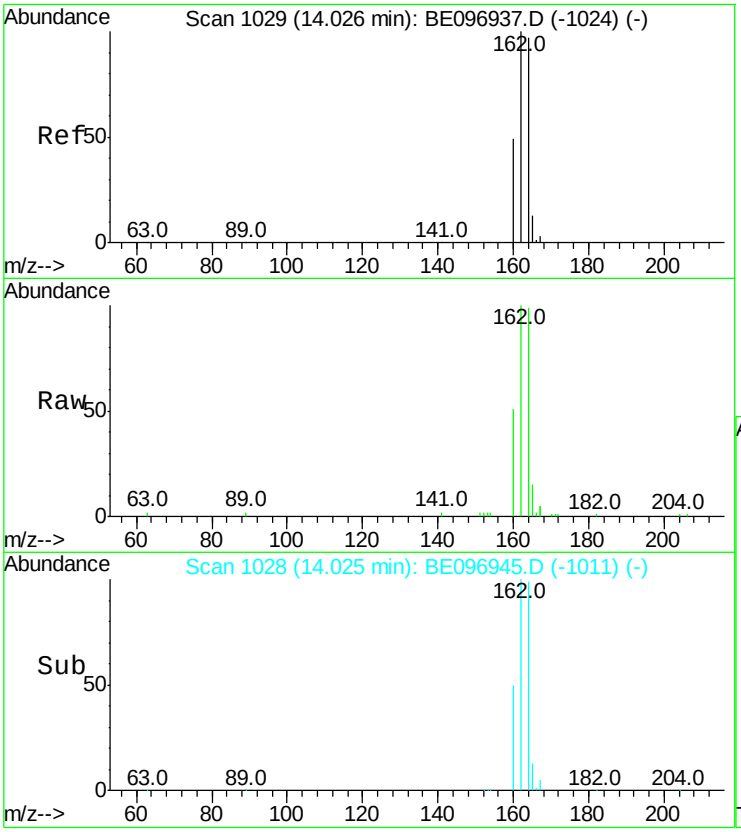


#12
2-Methylnaphthalene
Concen: 0.030 ng
RT: 11.81 min Scan# 778
Delta R.T. 0.00 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Tgt Ion:142 Resp: 439

Ion	Ratio	Lower	Upper
142	100		
141	91.4	70.4	105.6
115	50.5	31.7	47.5#



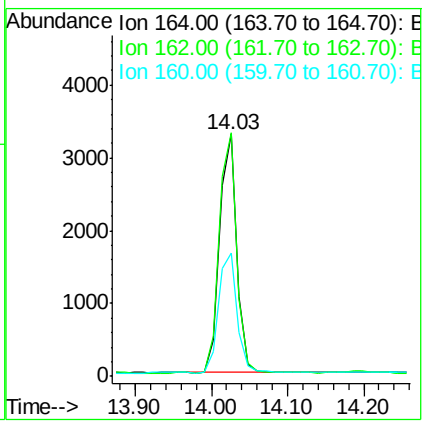


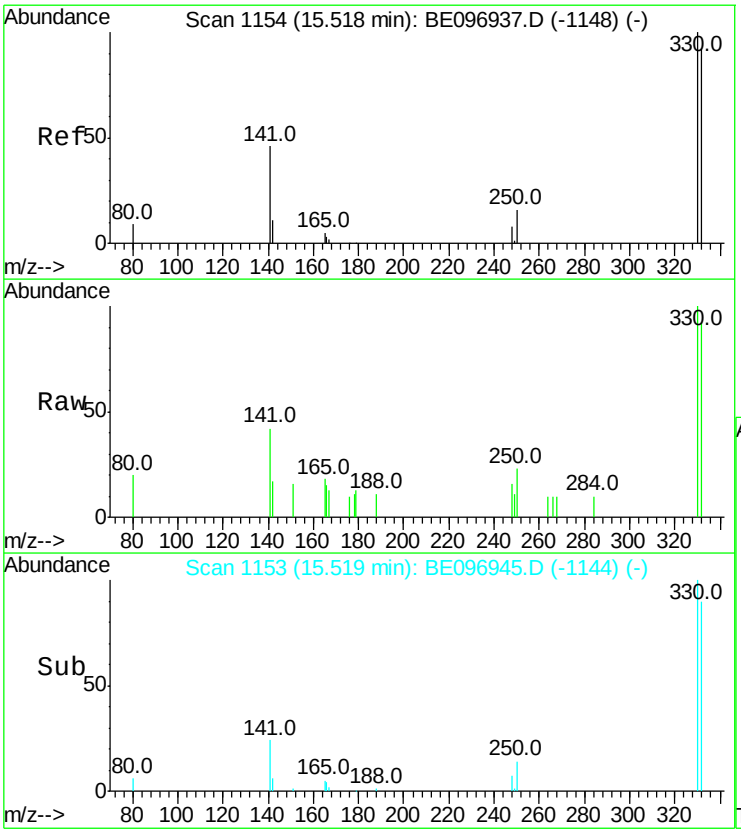
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Instrument :
BNA_E
ClientSampleId :
GW02-071118RE

Tgt Ion:164 Resp: 5189

Ion	Ratio	Lower	Upper
164	100		
162	100.5	83.1	124.7
160	50.8	37.1	55.7

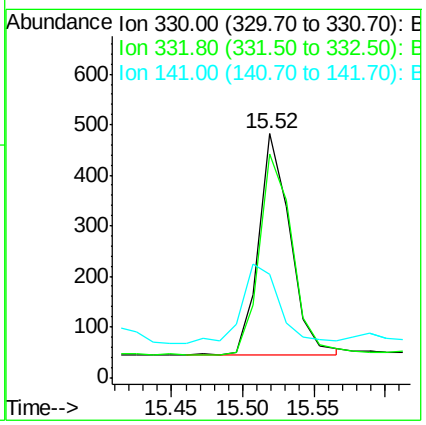


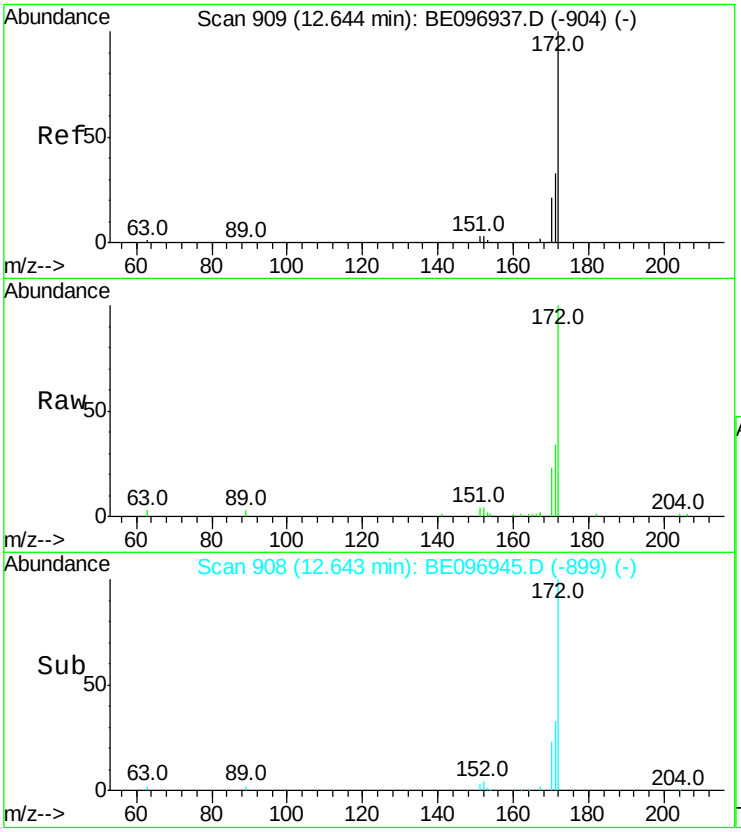


#14
2,4,6-Tribromophenol
Concen: 0.558 ng
RT: 15.52 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Tgt Ion:330 Resp: 674

Ion	Ratio	Lower	Upper
330	100		
332	95.0	152.7	229.1#
141	41.8	33.7	50.5



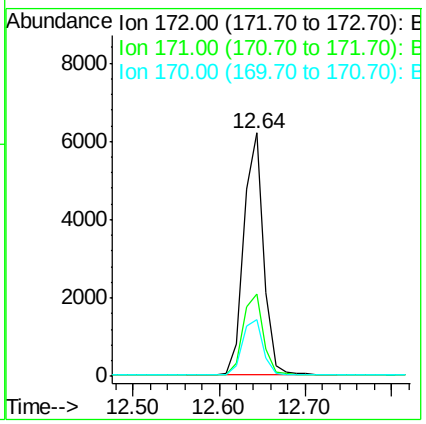


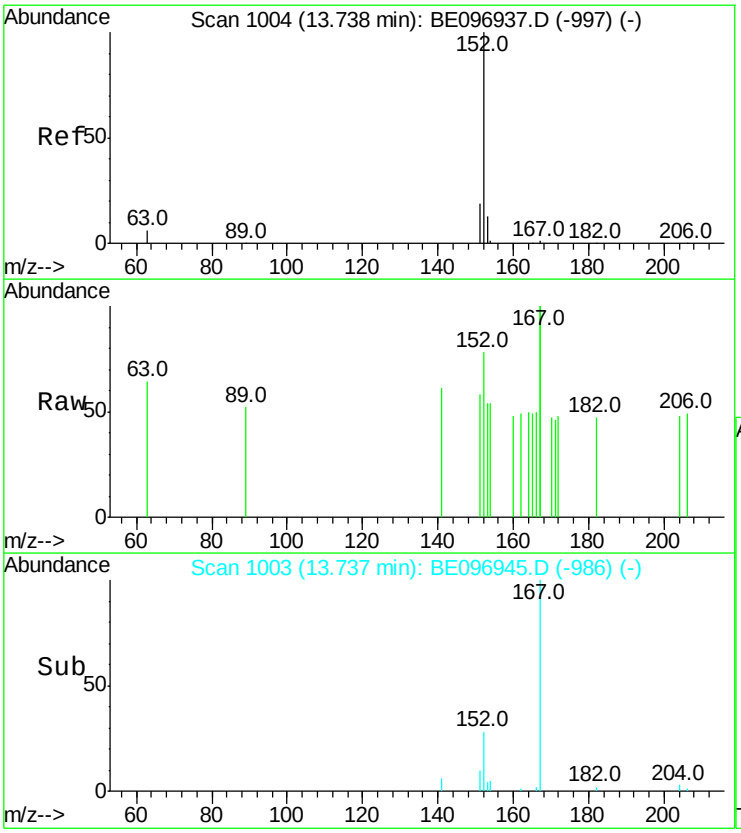
#15
2-Fluorobiphenyl
Concen: 0.506 ng
RT: 12.64 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Instrument :
BNA_E
ClientSampleId :
GW02-071118RE

Tgt Ion:172 Resp: 9771

Ion	Ratio	Lower	Upper
172	100		
171	33.8	29.9	44.9
170	23.3	21.8	32.8

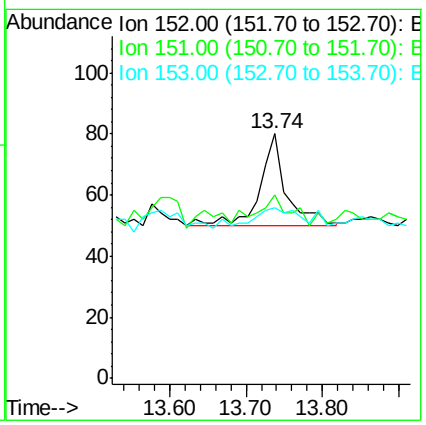


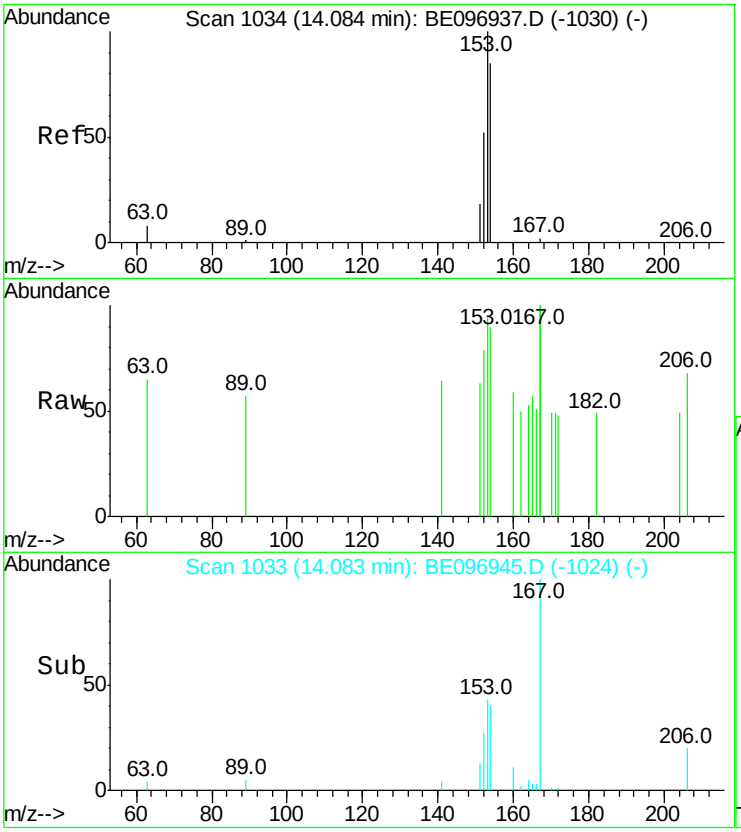


#16
Acenaphthylene
Concen: 0.003 ng
RT: 13.74 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Tgt Ion:152 Resp: 72

Ion	Ratio	Lower	Upper
152	100		
151	40.3	15.7	23.5#
153	31.9	10.5	15.7#



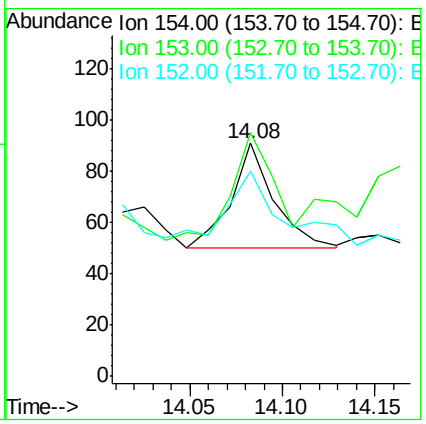


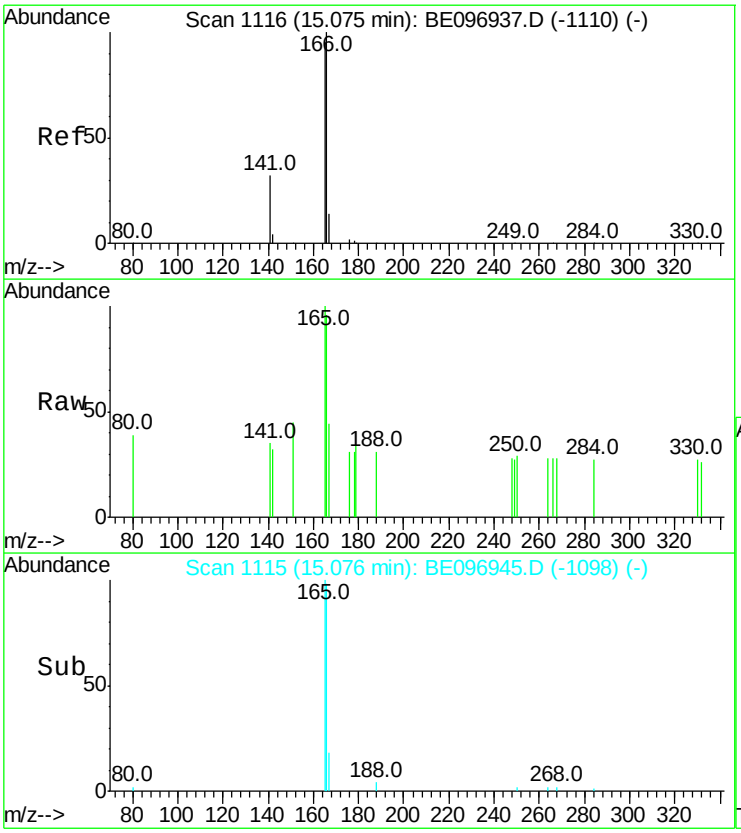
#17
Acenaphthene
Concen: 0.004 ng
RT: 14.08 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Instrument :
BNA_E
ClientSampleId :
GW02-071118RE

Tgt Ion:154 Resp: 66

Ion	Ratio	Lower	Upper
154	100		
153	98.5	89.2	133.8
152	95.5	42.0	63.0#

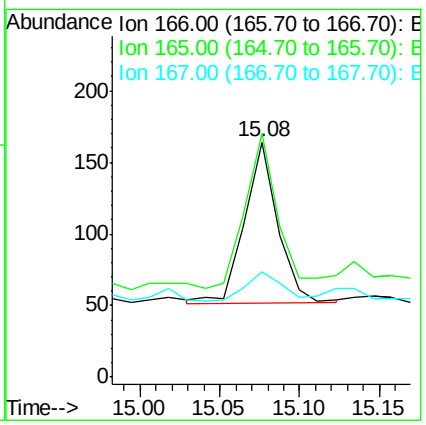


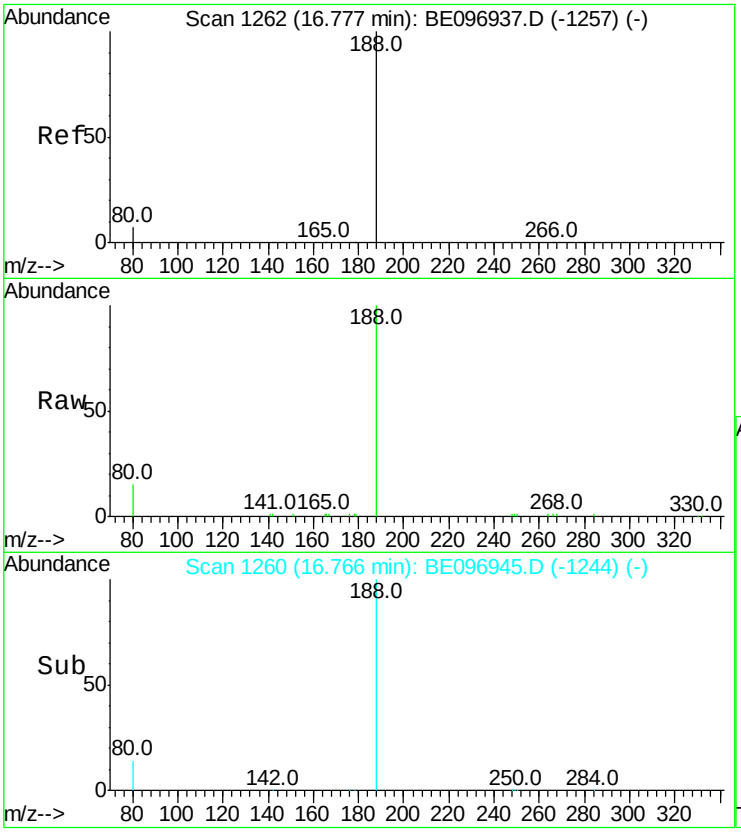


#18
Fluorene
Concen: 0.010 ng
RT: 15.08 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Tgt Ion:166 Resp: 164

Ion	Ratio	Lower	Upper
166	100		
165	94.5	77.8	116.6
167	22.0	42.4	63.6#



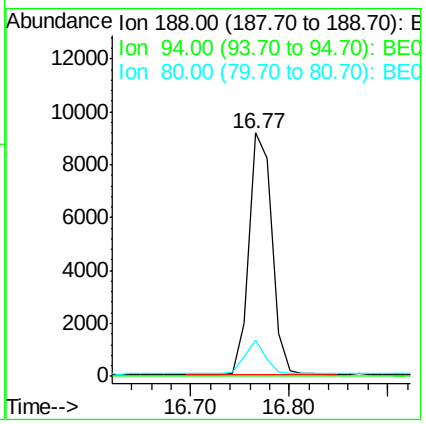


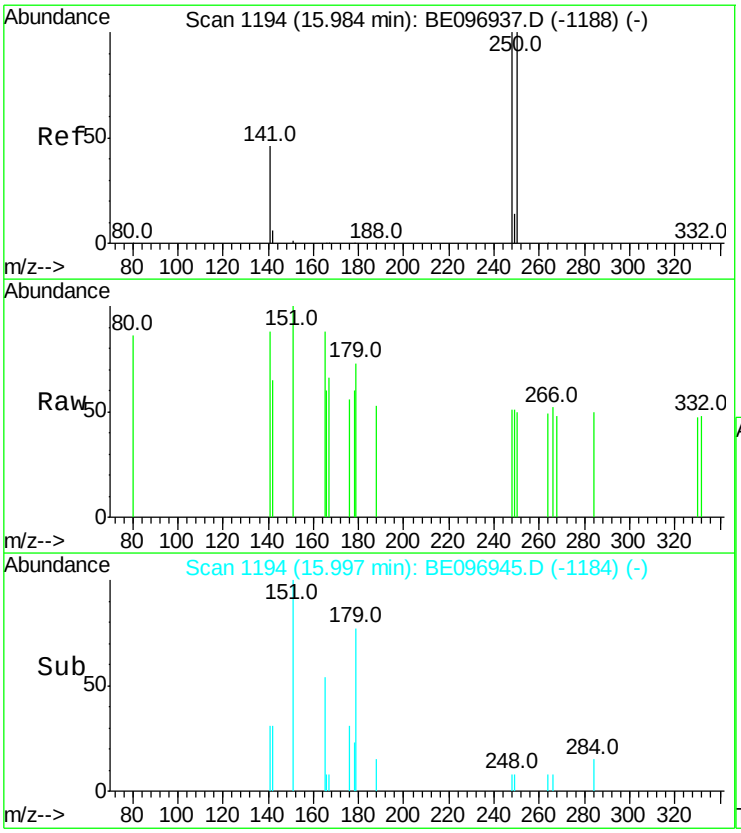
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Instrument :
BNA_E
ClientSampleId :
GW02-071118RE

Tgt Ion:188 Resp: 14867

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	15.0	3.6	5.4#

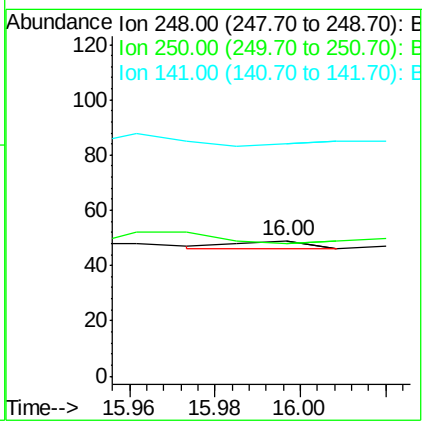


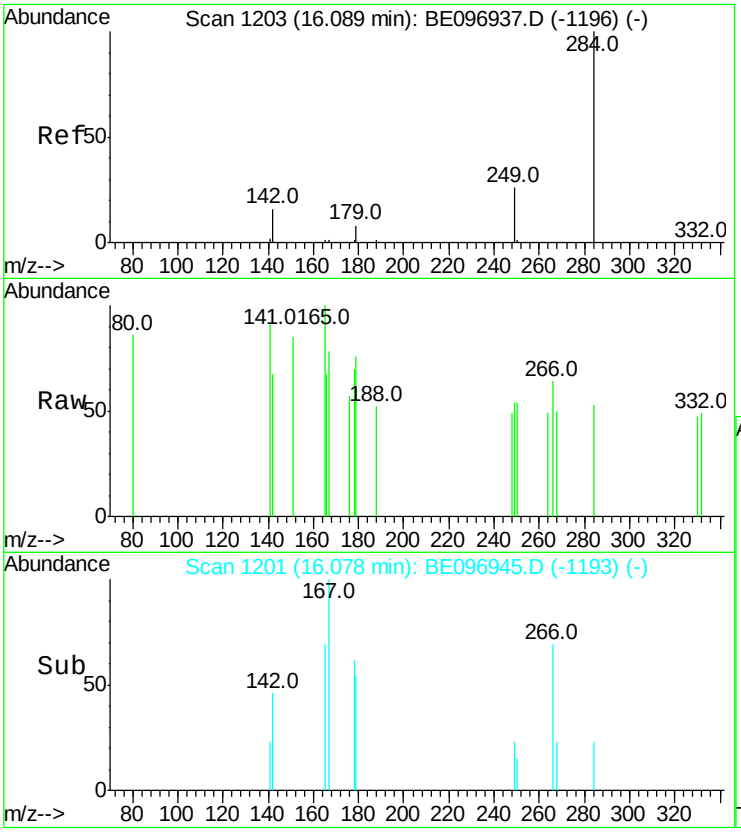


#20
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.00 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Tgt Ion:248 Resp: 3

Ion	Ratio	Lower	Upper
248	100		
250	98.0	62.7	94.1#
141	171.4	48.2	72.2#



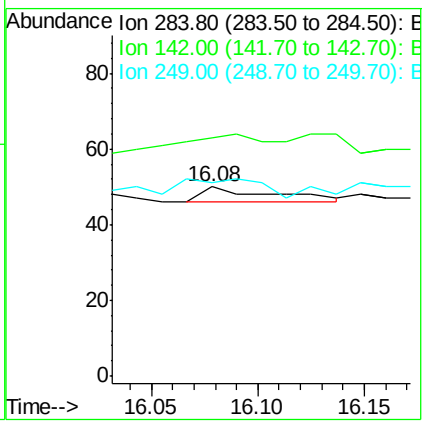


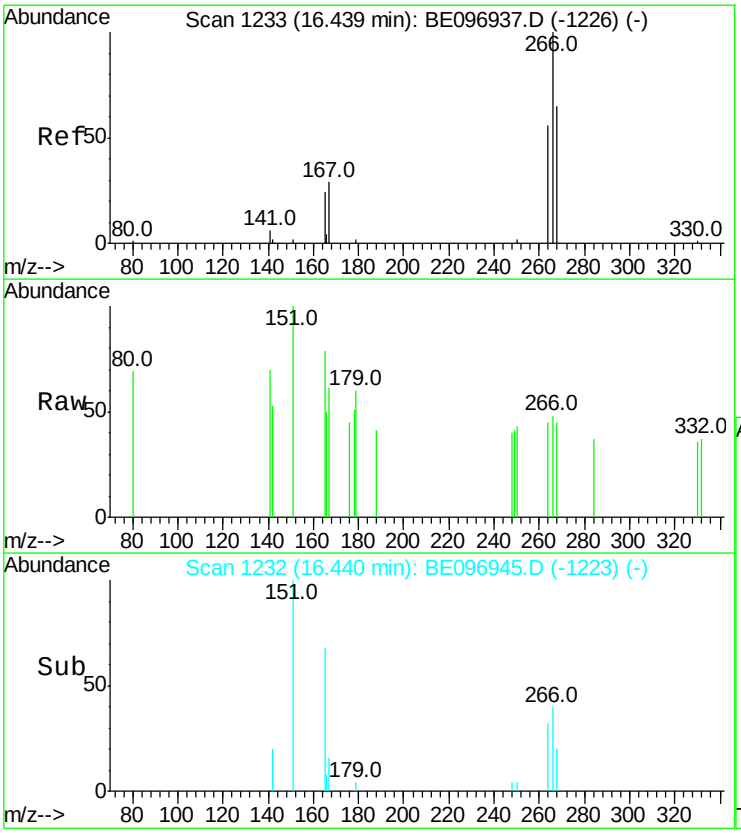
#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.08 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Instrument :
BNA_E
ClientSampleId :
GW02-071118RE

Tgt Ion:284 Resp: 9

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.1	33.1#
249	211.1	34.8	52.2#

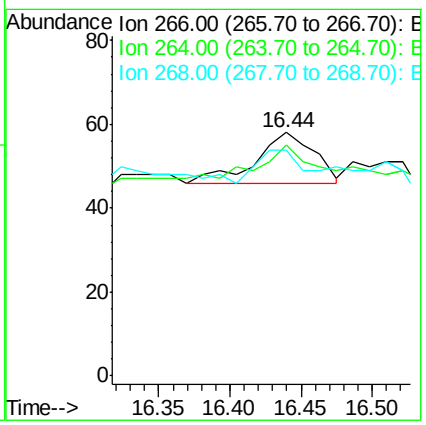


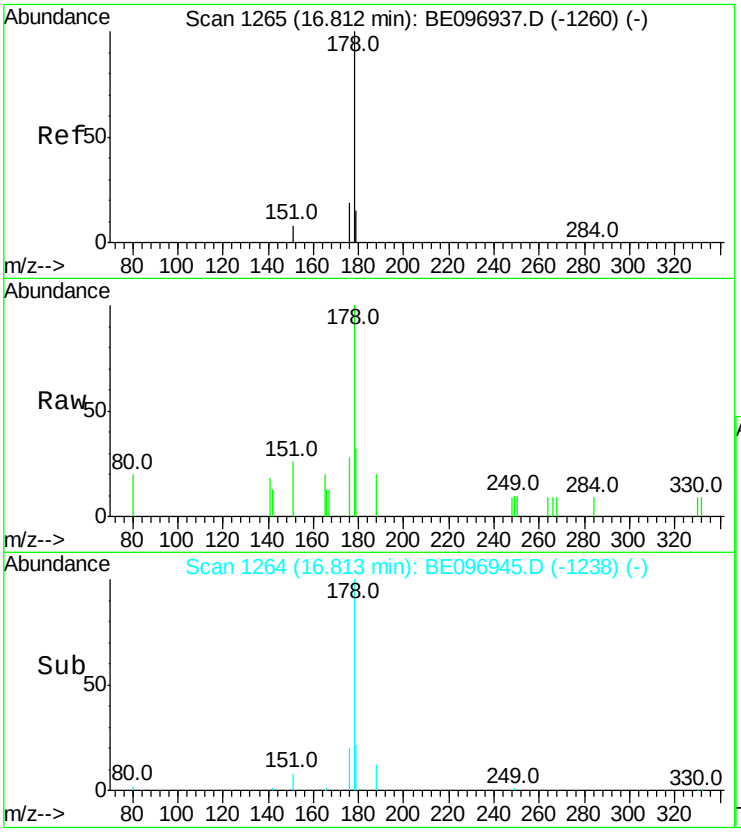


#22
Pentachlorophenol
Concen: 0.008 ng
RT: 16.44 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Tgt Ion:266 Resp: 34

Ion	Ratio	Lower	Upper
266	100		
264	94.8	72.5	108.7
268	93.1	73.8	110.6



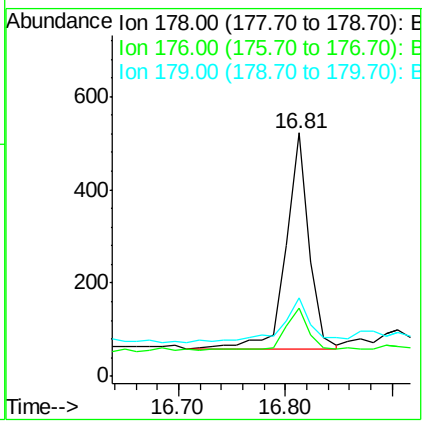


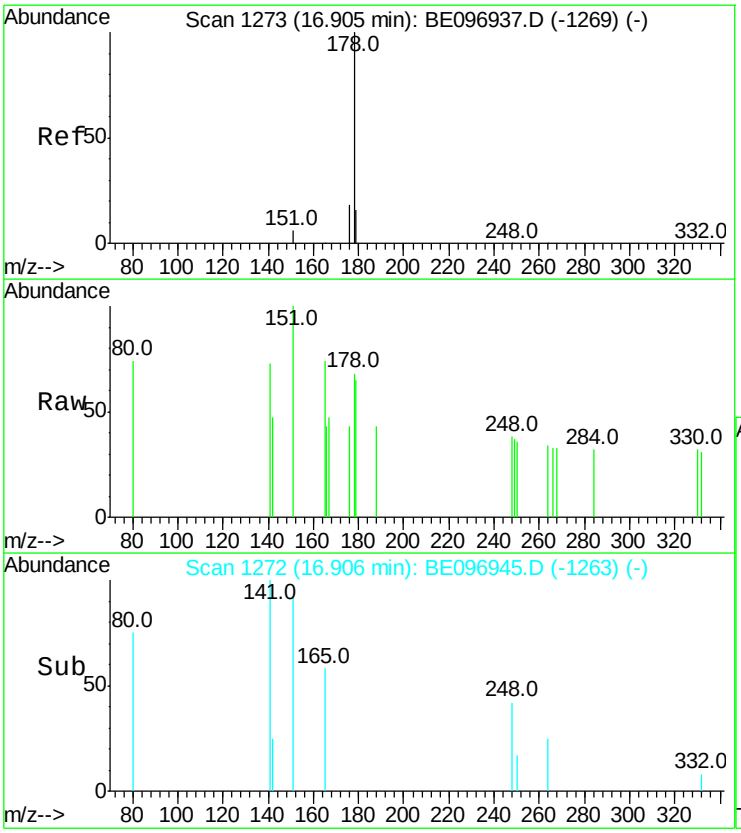
#23
Phenanthrene
Concen: 0.019 ng
RT: 16.81 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Instrument :
BNA_E
ClientSampleId :
GW02-071118RE

Tgt Ion:178 Resp: 694

Ion	Ratio	Lower	Upper
178	100		
176	22.3	15.1	22.7
179	28.0	11.8	17.6#

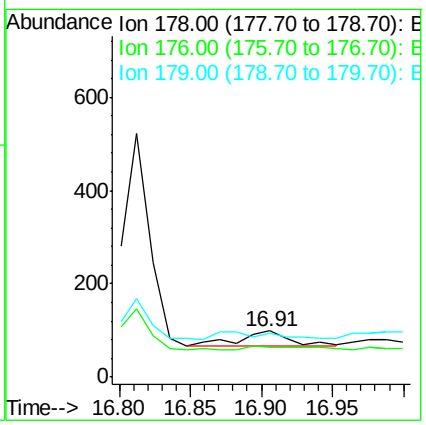


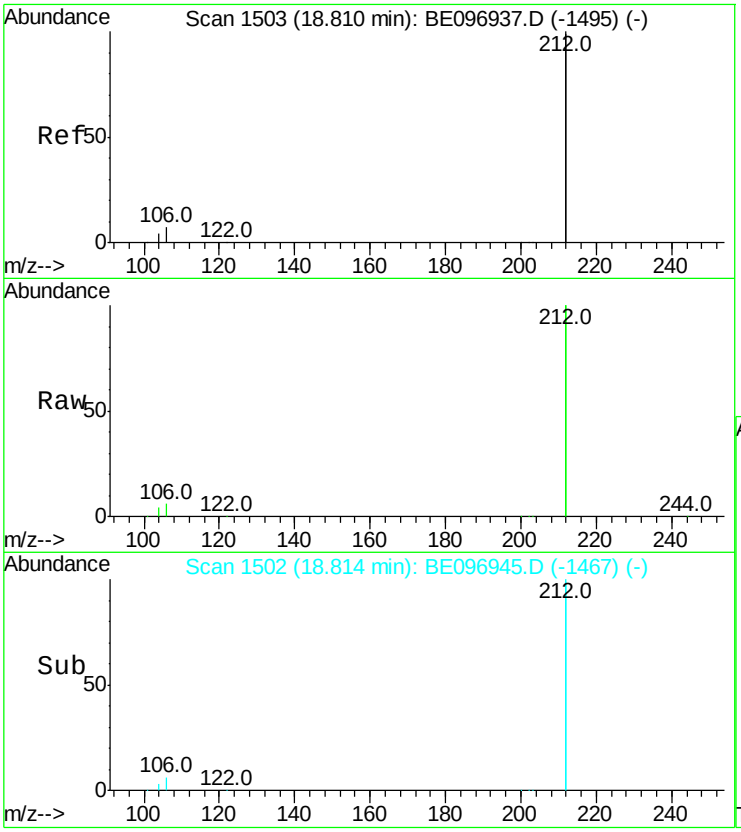


#24
Anthracene
Concen: 0.003 ng
RT: 16.91 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Tgt Ion:178 Resp: 78

Ion	Ratio	Lower	Upper
178	100		
176	12.8	12.8	19.2
179	0.0	13.0	19.6#



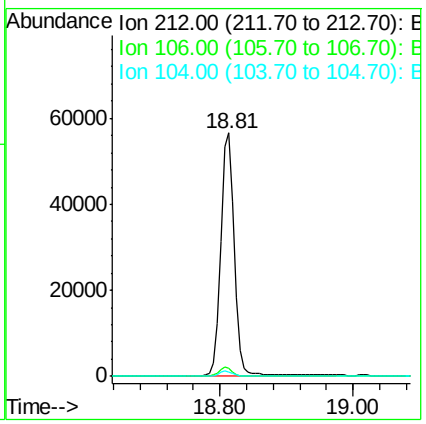


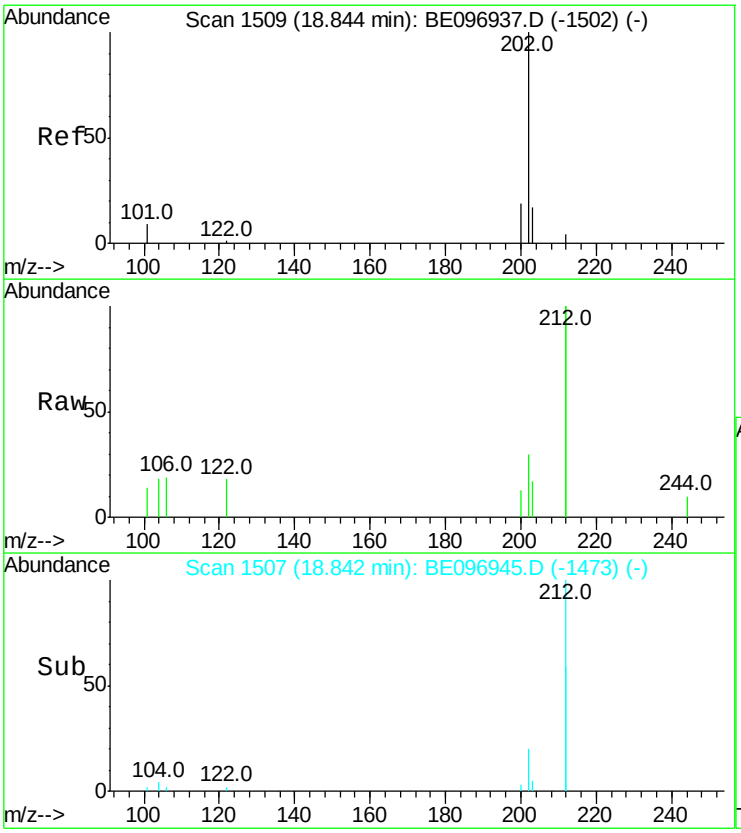
#25
Fluoranthene-d10
Concen: 0.604 ng
RT: 18.81 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Instrument :
BNA_E
ClientSampleId :
GW02-071118RE

Tgt Ion:212 Resp: 78147

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	1.9	1.6	2.4

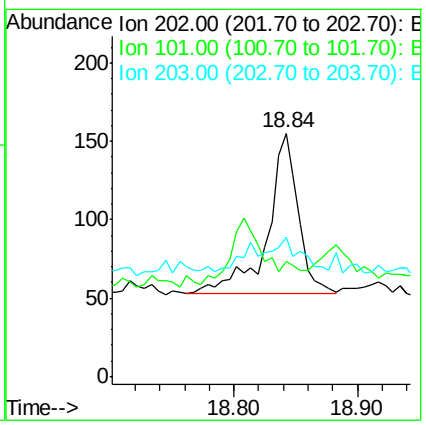


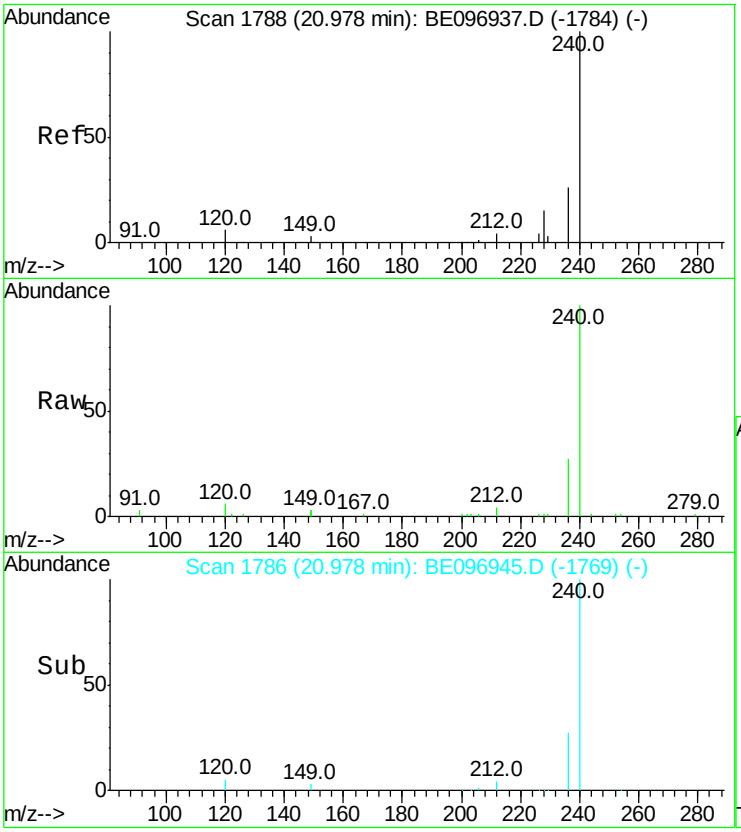


#26
Fluoranthene
Concen: 0.005 ng
RT: 18.84 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Tgt Ion:202 Resp: 175

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.8	14.8#
203	16.0	13.7	20.5



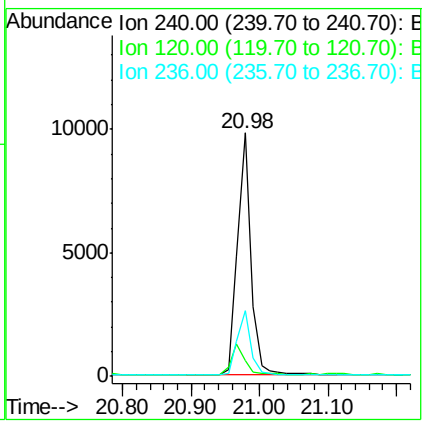


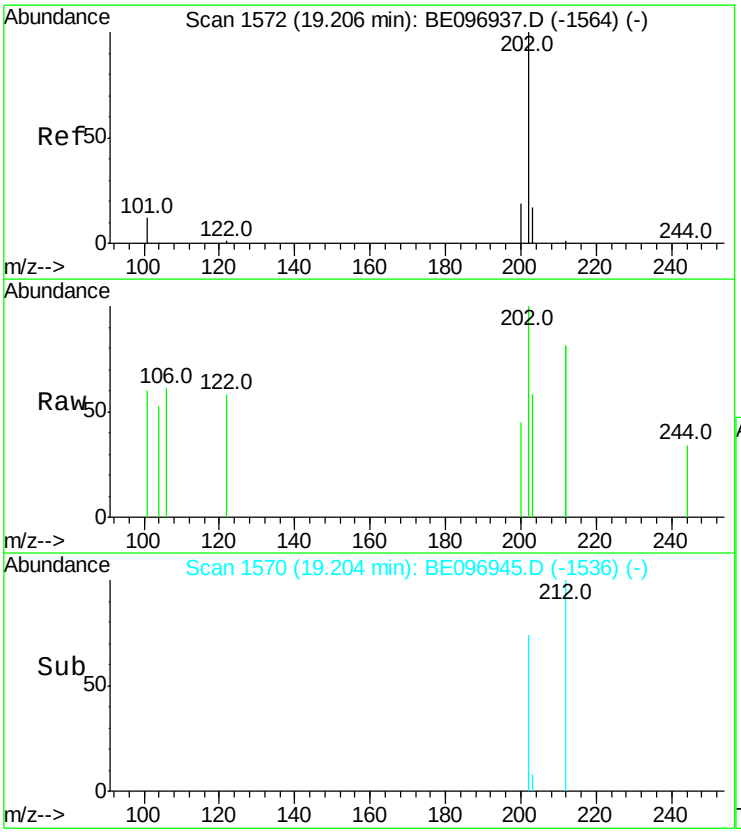
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Instrument :
BNA_E
ClientSampleId :
GW02-071118RE

Tgt Ion:240 Resp: 13512

Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.5	8.3
236	27.0	20.7	31.1

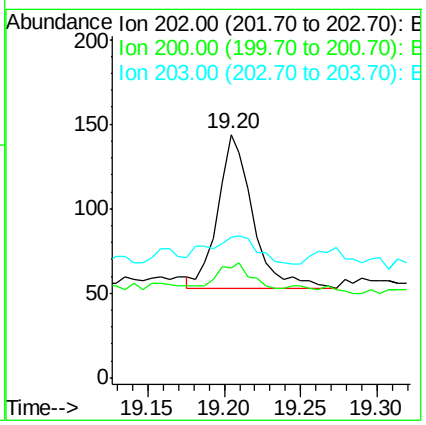


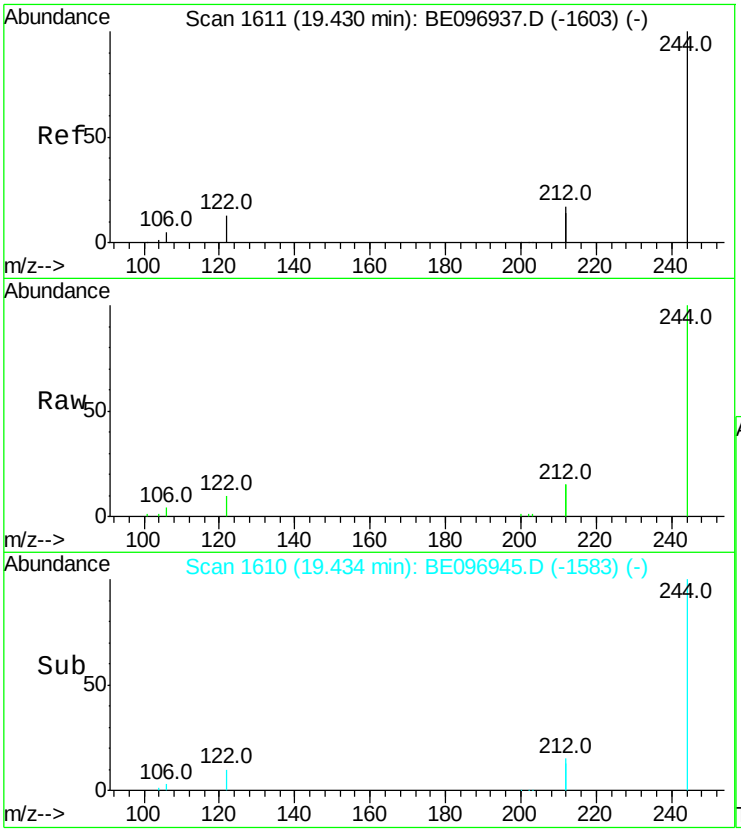


#28
Pyrene
Concen: 0.004 ng
RT: 19.20 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Tgt Ion:202 Resp: 144

Ion	Ratio	Lower	Upper
202	100		
200	14.6	16.6	25.0#
203	25.7	13.8	20.8#



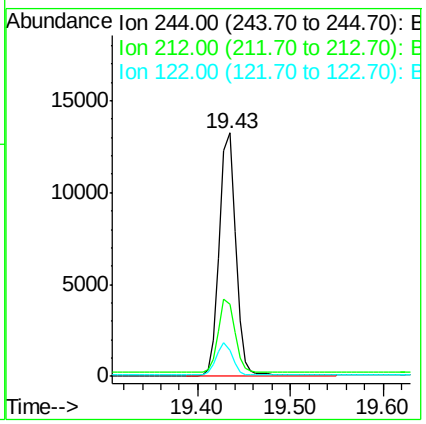


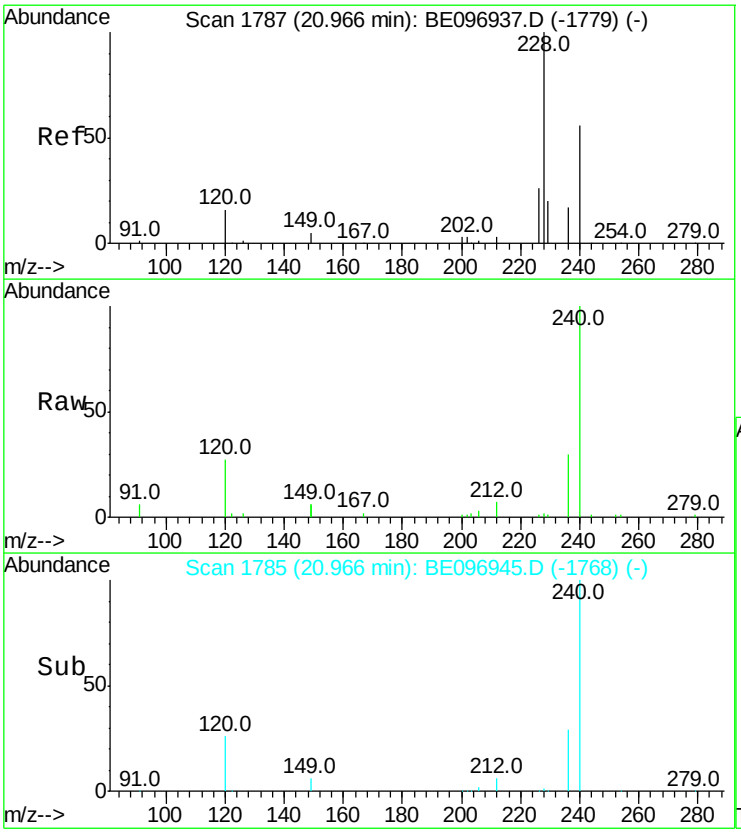
#29
Terphenyl-d14
Concen: 0.619 ng
RT: 19.43 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Instrument :
BNA_E
ClientSampleId :
GW02-071118RE

Tgt Ion:244 Resp: 16130

Ion	Ratio	Lower	Upper
244	100		
212	29.8	25.4	38.0
122	10.5	8.1	12.1

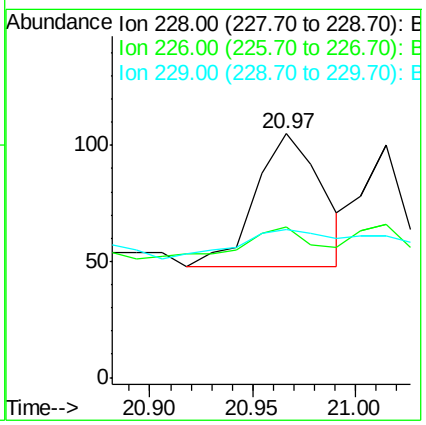


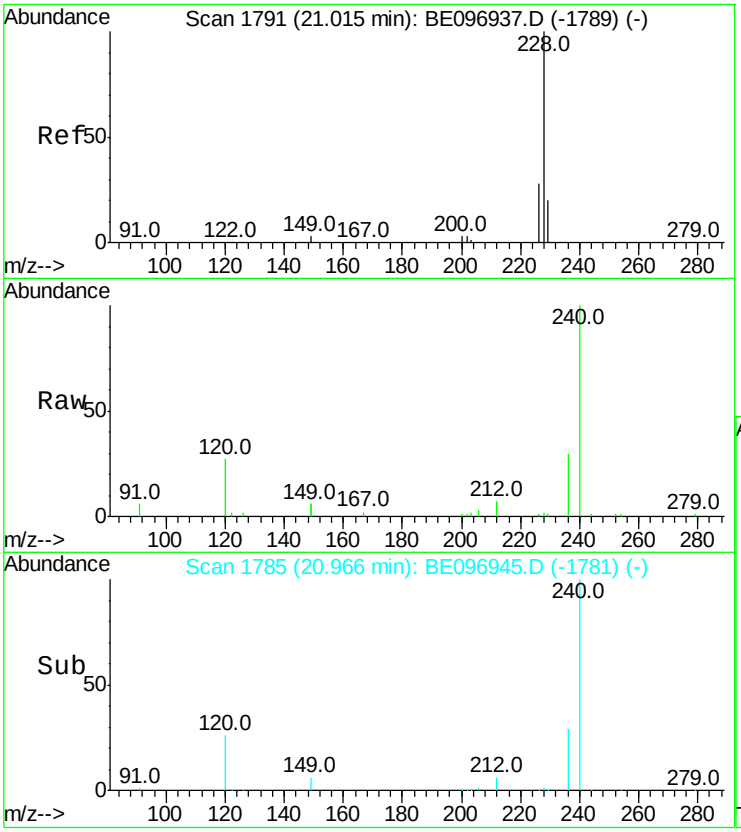


#30
Benzo(a)anthracene
Concen: 0.004 ng
RT: 20.97 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Tgt Ion:228 Resp: 129

Ion	Ratio	Lower	Upper
228	100		
226	61.9	24.0	36.0#
229	61.0	16.0	24.0#



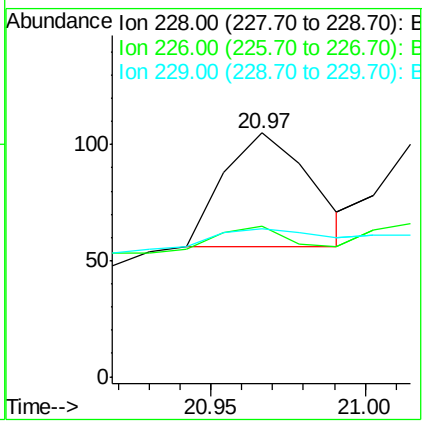


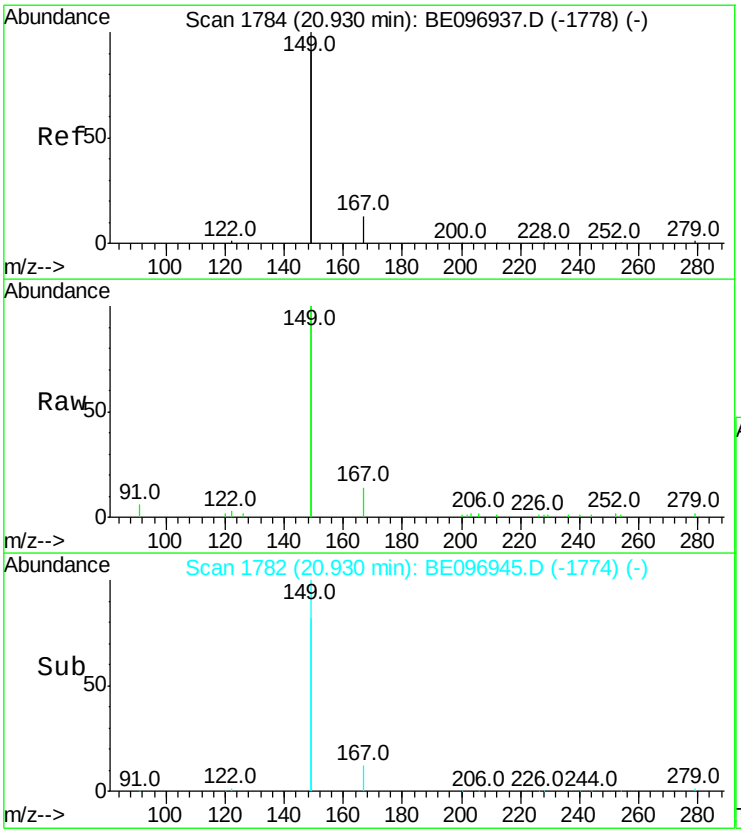
#31
Chrysene
Concen: 0.003 ng
RT: 20.97 min Scan# 1785
Delta R.T. -0.05 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Instrument :
BNA_E
ClientSampleId :
GW02-071118RE

Tgt Ion:228 Resp: 96

Ion	Ratio	Lower	Upper
228	100		
226	61.9	24.0	36.0#
229	61.0	16.0	24.0#

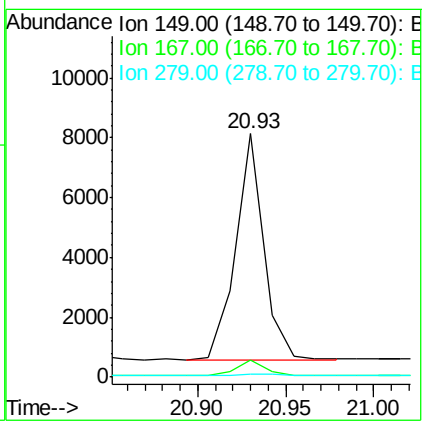


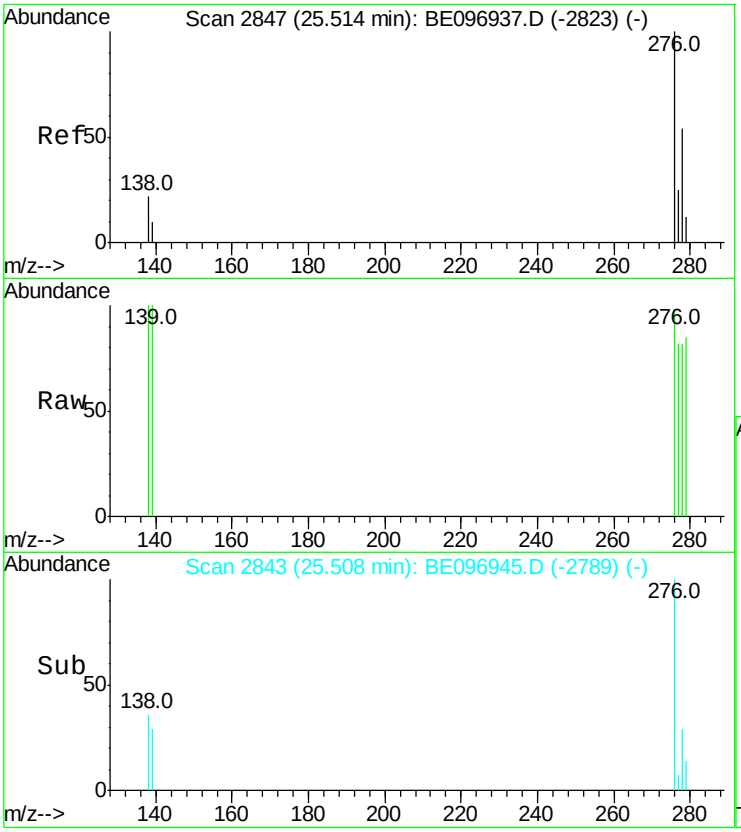


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.261 ng
RT: 20.93 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Tgt Ion:149 Resp: 8392

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



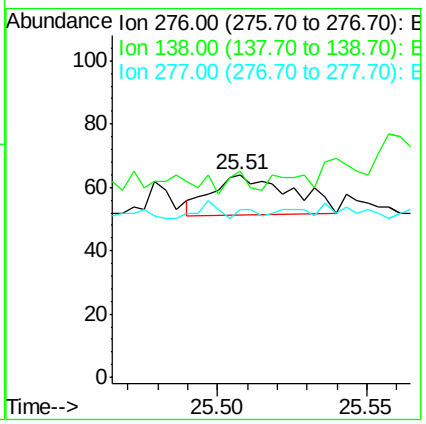


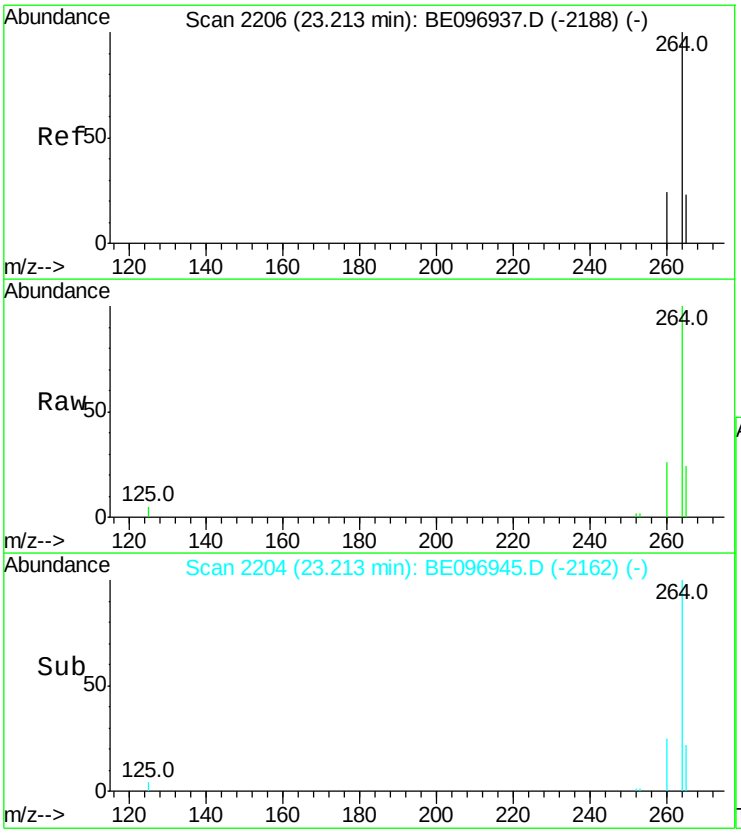
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng
RT: 25.51 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Instrument :
BNA_E
ClientSampleId :
GW02-071118RE

Tgt Ion:276 Resp: 23

Ion	Ratio	Lower	Upper
276	100		
138	13.0	22.5	33.7#
277	13.0	19.9	29.9#

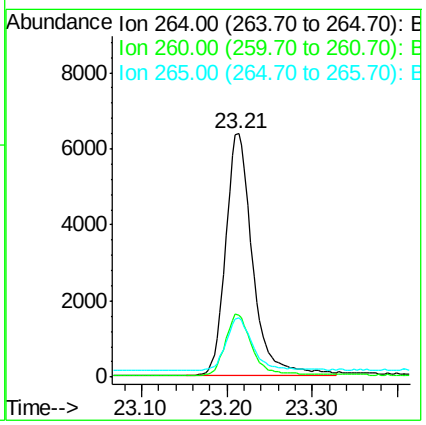


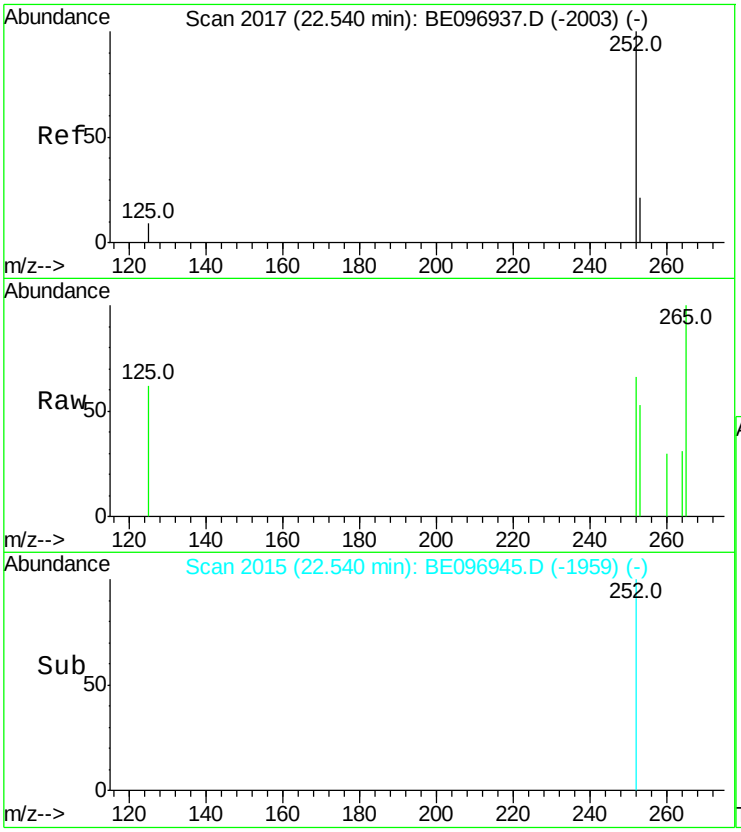


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Tgt Ion:264 Resp: 13910

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.5	30.7
265	24.2	22.8	34.2



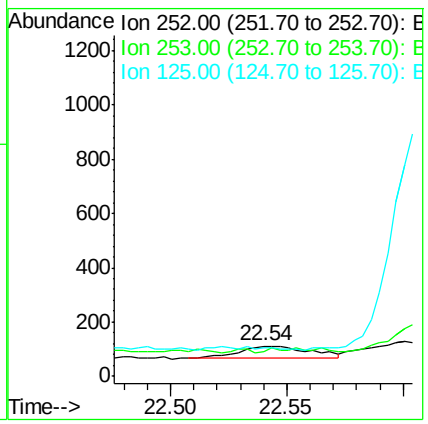


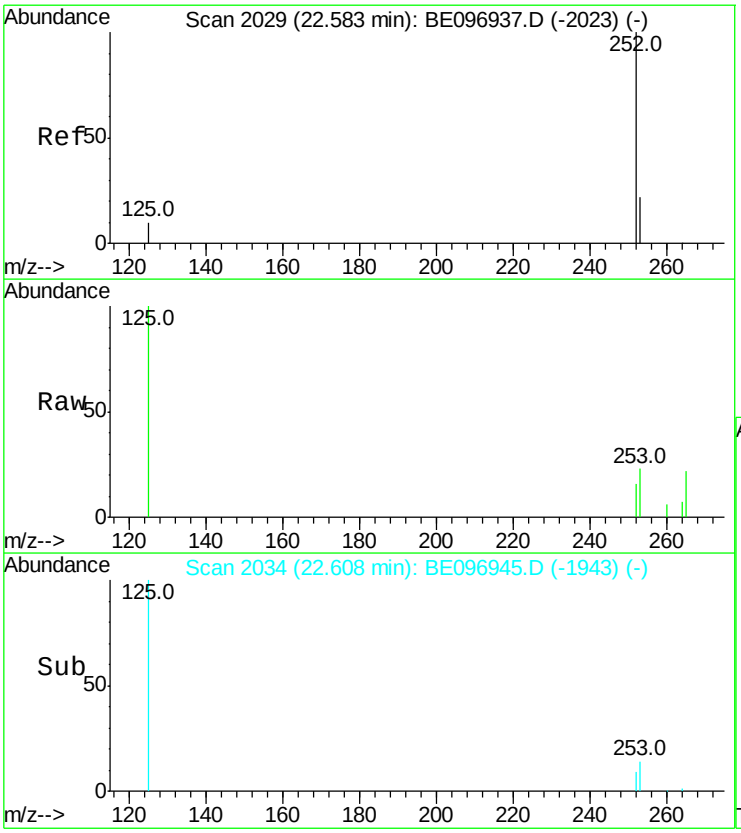
#35
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 22.54 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Instrument :
BNA_E
ClientSampleId :
GW02-071118RE

Tgt Ion:252 Resp: 96

Ion	Ratio	Lower	Upper
252	100		
253	80.4	20.0	30.0#
125	93.8	16.0	24.0#

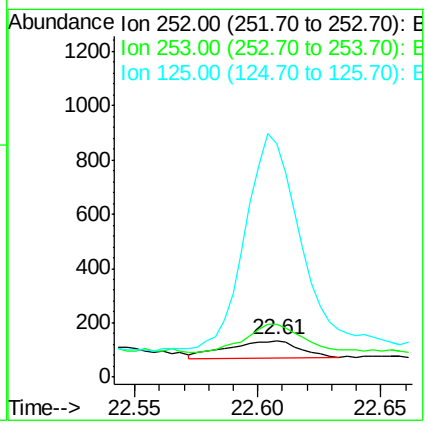


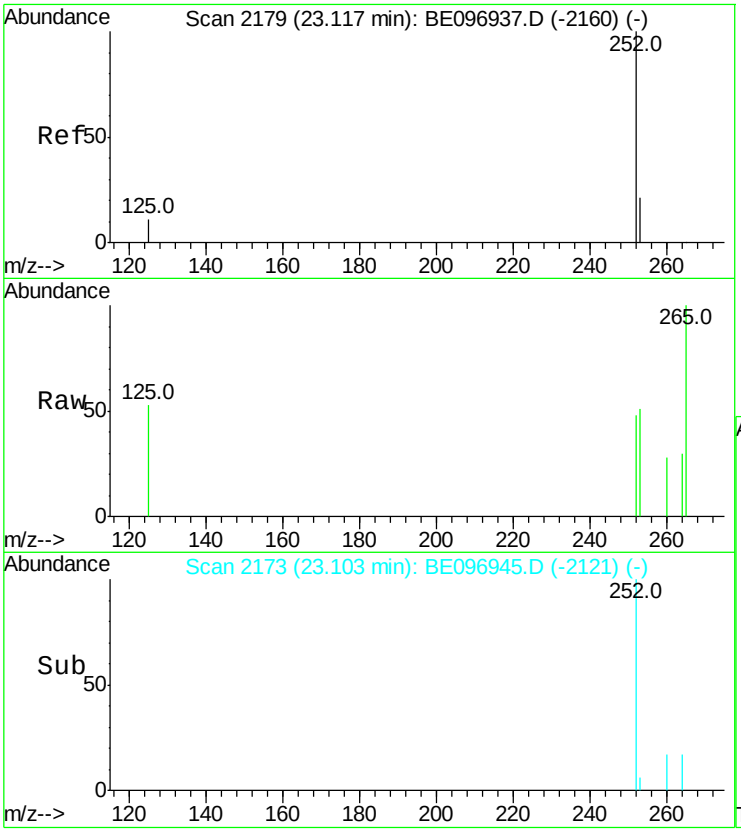


#36
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 22.61 min Scan# 2034
Delta R.T. 0.02 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Tgt Ion:252 Resp: 129

Ion	Ratio	Lower	Upper
252	100		
253	143.7	16.0	24.0#
125	636.3	8.0	12.0#



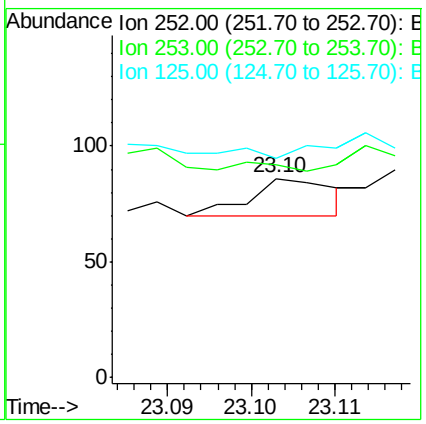


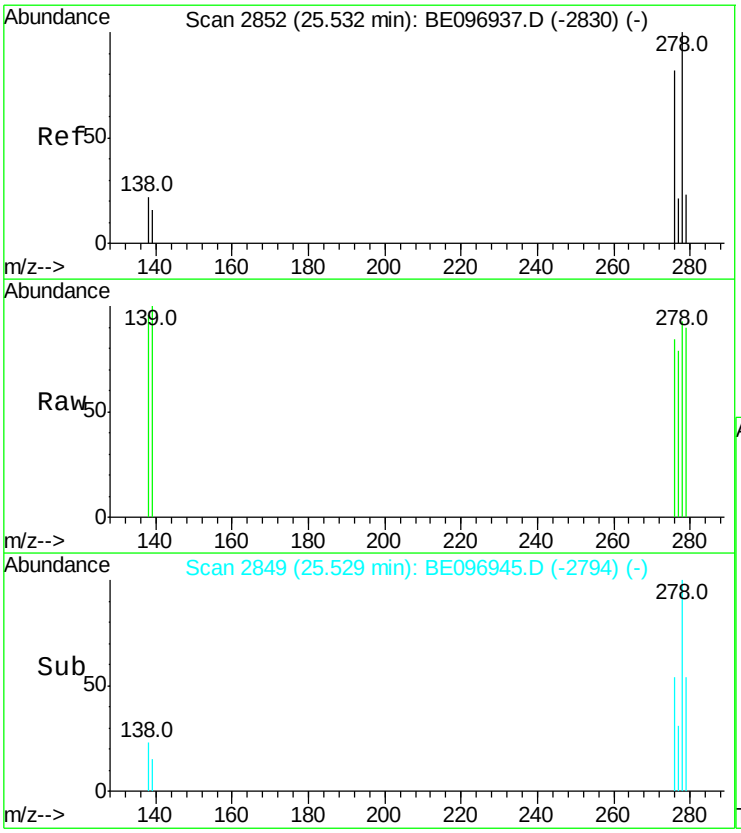
#37
Benzo(a)pyrene
Concen: 0.102 ng
RT: 23.10 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Instrument :
BNA_E
ClientSampleId :
GW02-071118RE

Tgt Ion:252 Resp: 11

Ion	Ratio	Lower	Upper
252	100		
253	107.0	16.0	24.0#
125	110.5	12.0	18.0#

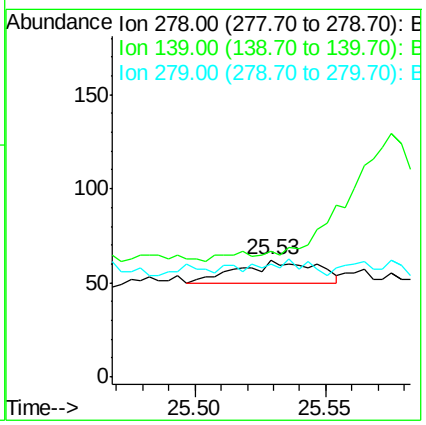


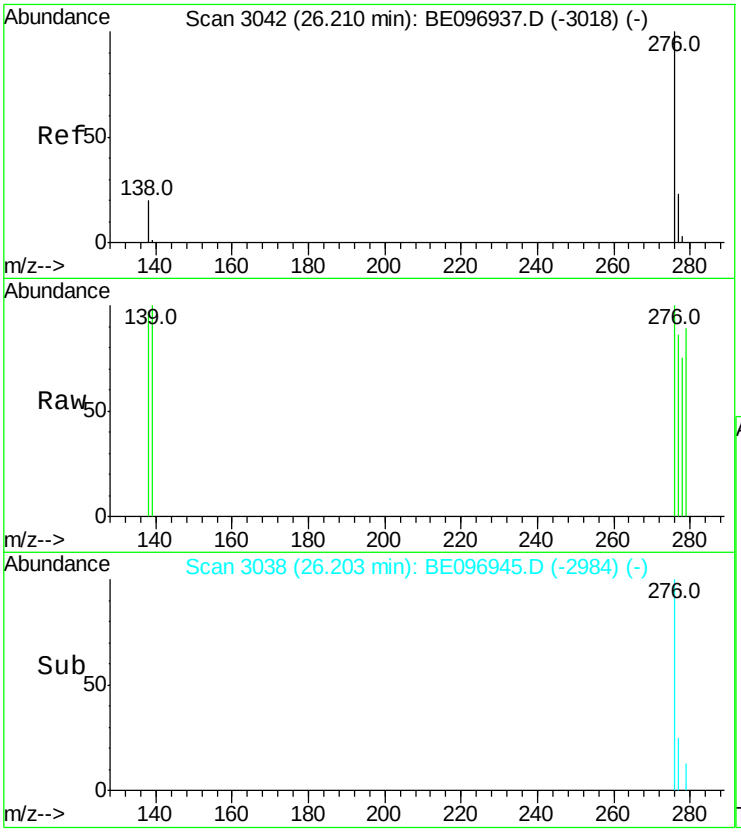


#38
Dibenzo(a,h)anthracene
Concen: 0.118 ng
RT: 25.53 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Tgt Ion:278 Resp: 24

Ion	Ratio	Lower	Upper
278	100		
139	108.1	16.0	24.0#
279	96.8	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.001 ng
RT: 26.20 min Scan# 3038
Delta R.T. -0.01 min
Lab File: BE096945.D
Acq: 16 Jul 2018 19:33

Instrument :
BNA_E
ClientSampleId :
GW02-071118RE

Tgt Ion:276 Resp: 17

Ion	Ratio	Lower	Upper
276	100		
277	85.9	16.0	24.0#
138	96.9	20.0	30.0#