Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071318\
Data File : BE096919.D
Acq On : 14 Jul 2018 1:21
Operator : SJ/JU
Sample : J3170-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : GW02-071118

Quant Time: Jul 14 04:06:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 13 17:02:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1941	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	9525	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	5415	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	15555	0.40	ng	0.01
27) Chrysene-d12	20.98	240	14629	0.40	ng	0.00
34) Perylene-d12	23.21	264	15419	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1118	0.26	ng	0.00
5) Phenol-d6	6.59	99	920	0.14	ng	0.00
8) Nitrobenzene-d5	8.53	82	3546	0.61	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	6779	0.49	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	877	0.63	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	9808	0.49	ng	0.00
25) Fluoranthene-d10	18.81	212	82792	0.60	ng	0.00
29) Terphenyl-d14	19.43	244	17065	0.60	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	24793	8.524	ng	# 89
6) bis(2-Chloroethyl)ether	6.84	93	258	0.036	ng	98
9) Naphthalene	10.20	128	5539	0.064	ng	# 97
12) 2-Methylnaphthalene	11.81	142	441	0.031	ng	# 89
32) Bis(2-ethylhexyl)phthalate	20.93	149	10978	0.378	ng	100

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

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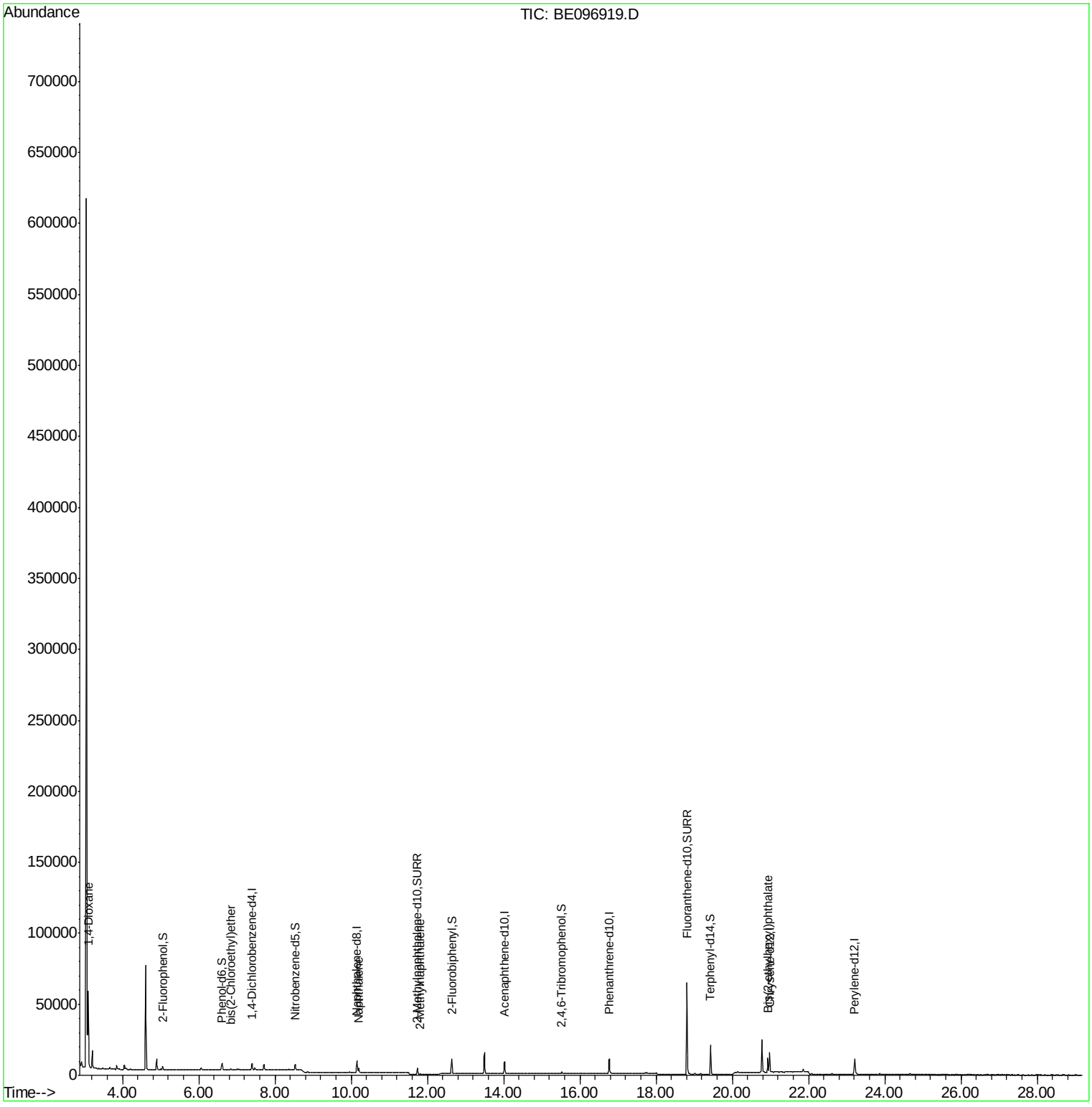
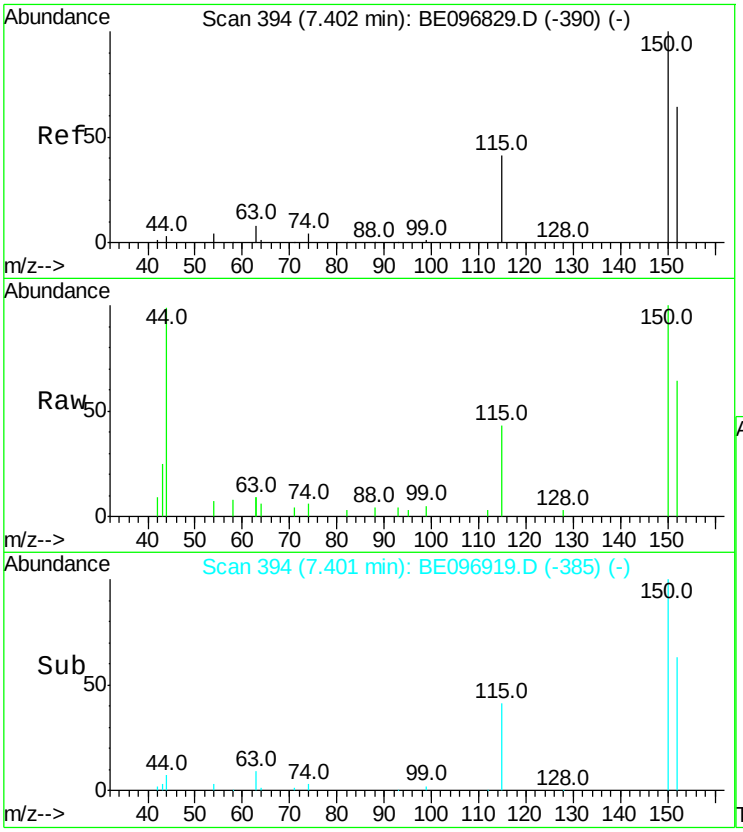


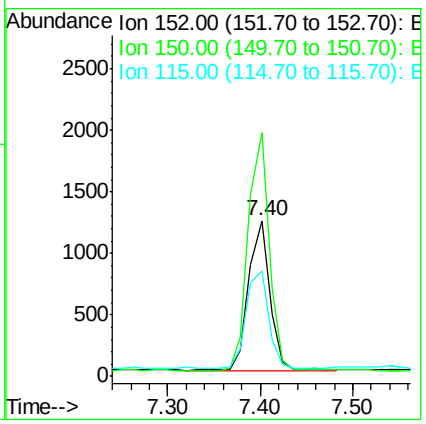


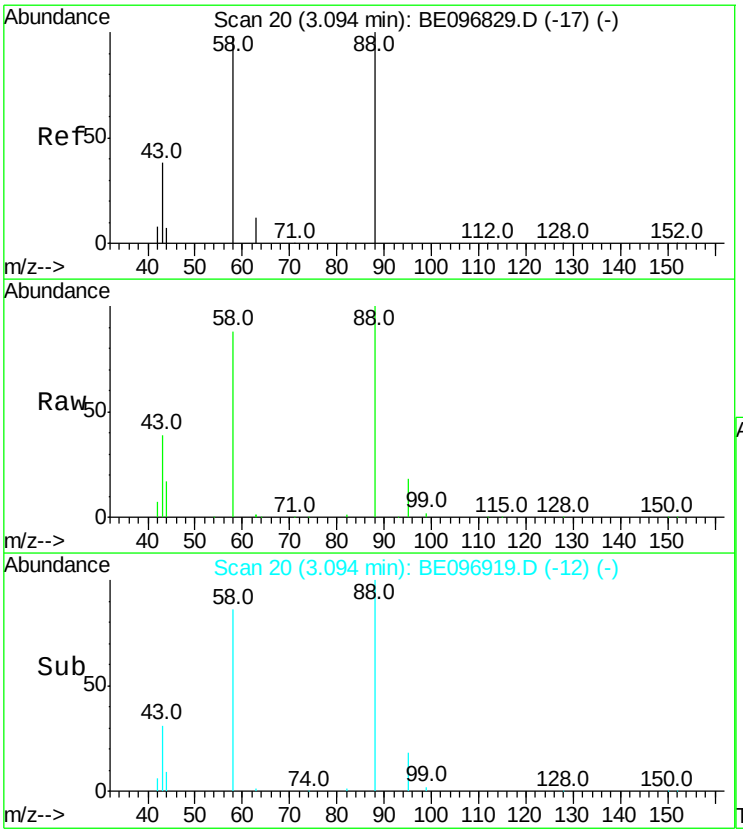
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.01 min
Lab File: BE096919.D
Acq: 14 Jul 2018 1:21

Instrument :
BNA_E
ClientSampleId :
GW02-071118

Tgt Ion:152 Resp: 1941

Ion	Ratio	Lower	Upper
152	100		
150	156.6	117.2	175.8
115	67.8	57.0	85.6

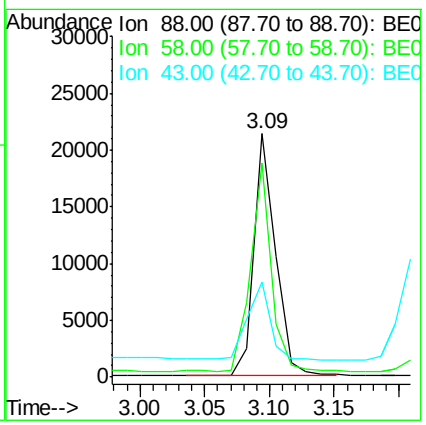


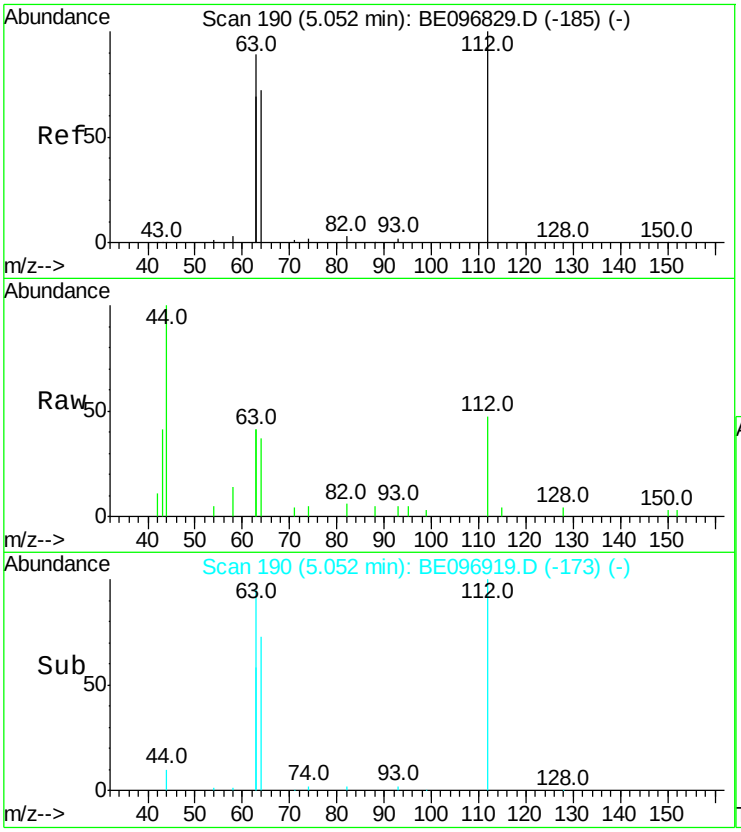


#2
1,4-Dioxane
Concen: 8.524 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE096919.D
Acq: 14 Jul 2018 1:21

Tgt Ion: 88 Resp: 24793

Ion	Ratio	Lower	Upper
88	100		
58	82.0	63.2	94.8
43	34.9	41.2	61.8#



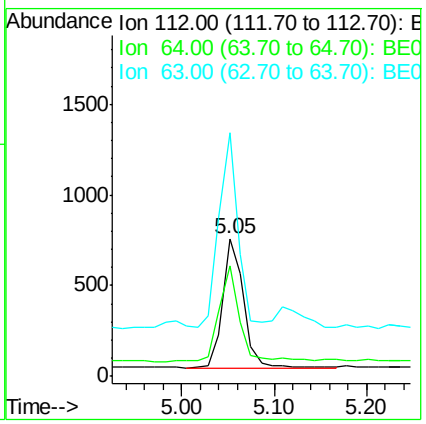


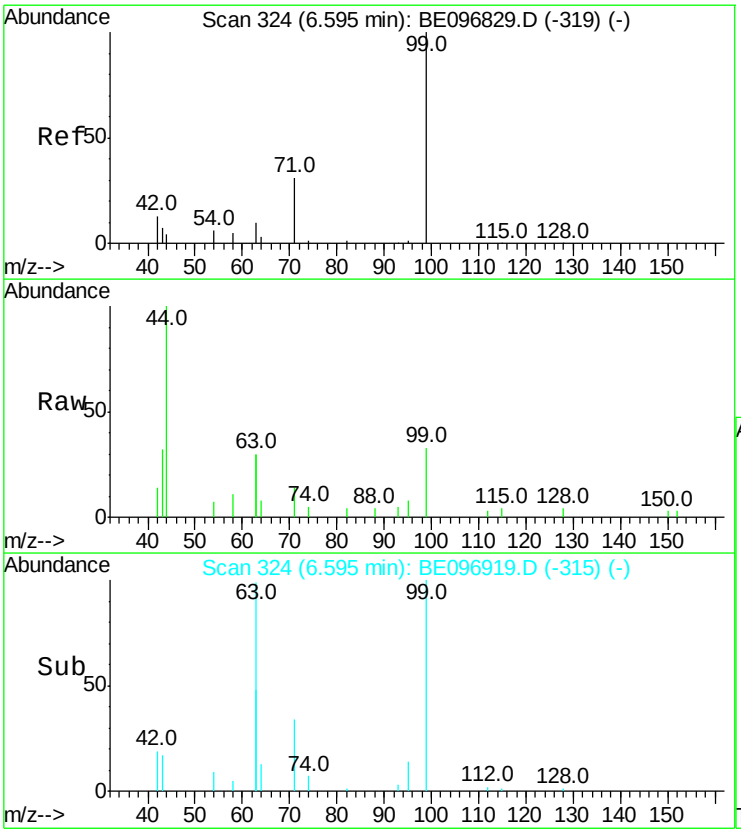
#4
2-Fluorophenol
Concen: 0.258 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE096919.D
Acq: 14 Jul 2018 1:21

Instrument :
BNA_E
ClientSampleId :
GW02-071118

Tgt Ion:112 Resp: 1118

Ion	Ratio	Lower	Upper
112	100		
64	72.7	60.1	90.1
63	139.8	116.8	175.2

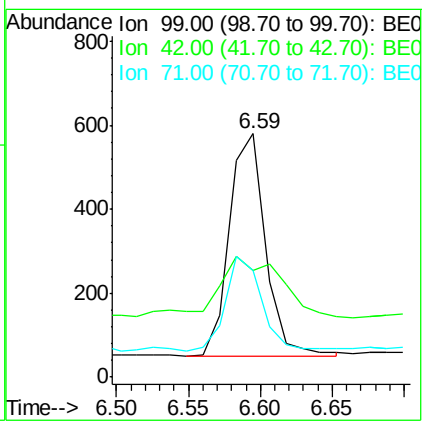


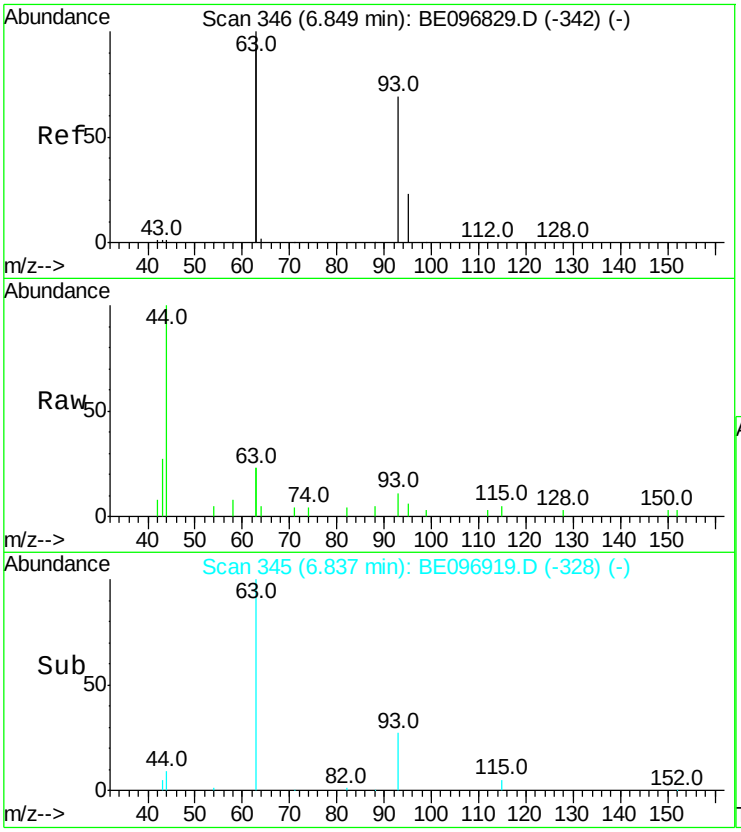


#5
Phenol-d6
Concen: 0.142 ng
RT: 6.59 min Scan# 324
Delta R.T. 0.01 min
Lab File: BE096919.D
Acq: 14 Jul 2018 1:21

Tgt Ion: 99 Resp: 920

Ion	Ratio	Lower	Upper
99	100		
42	46.1	20.2	30.2#
71	42.4	28.4	42.6



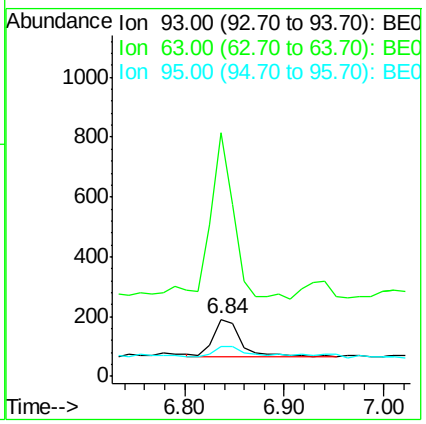


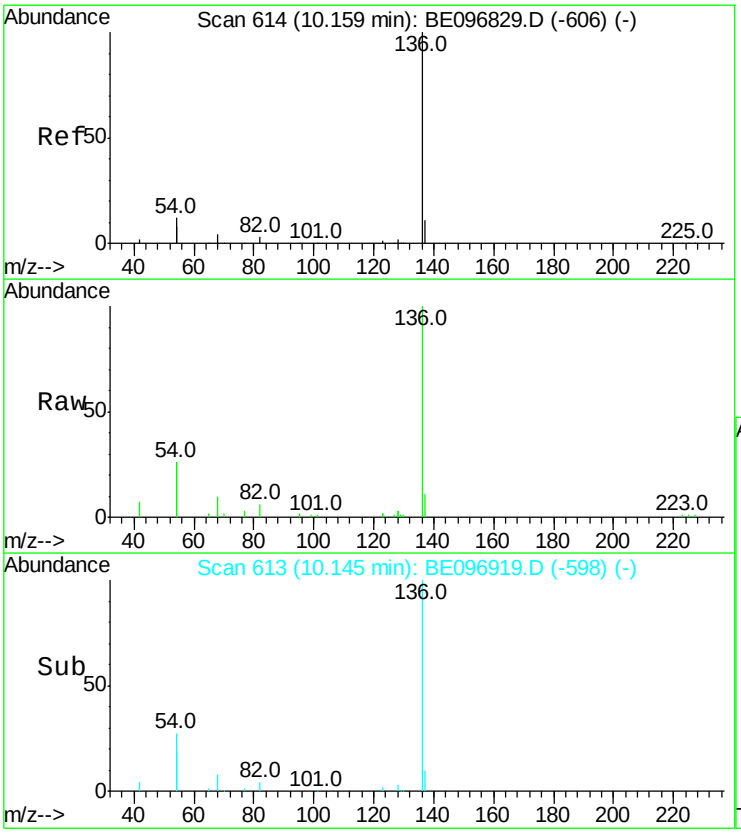
#6
bis(2-Chloroethyl)ether
Concen: 0.036 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE096919.D
Acq: 14 Jul 2018 1:21

Instrument :
BNA_E
ClientSampleId :
GW02-071118

Tgt Ion: 93 Resp: 258

Ion	Ratio	Lower	Upper
93	100		
63	339.1	275.3	412.9
95	29.1	25.2	37.8

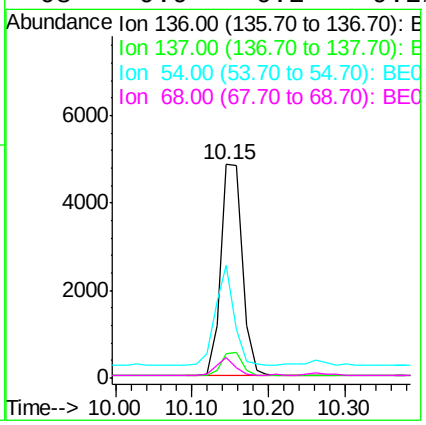


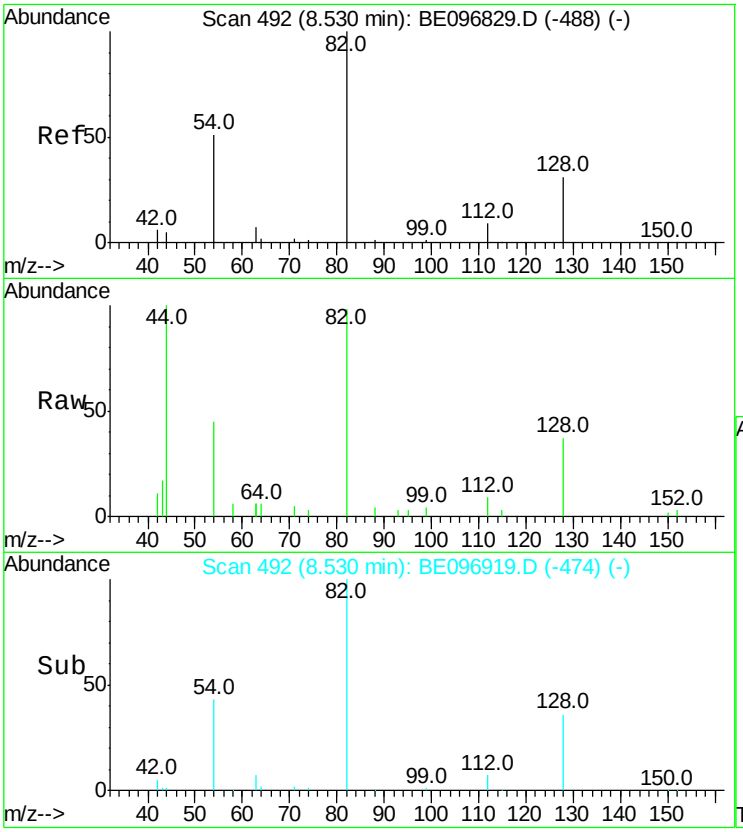


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE096919.D
Acq: 14 Jul 2018 1:21

Tgt Ion:136 Resp: 9525

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.5	14.3
54	52.5	29.1	43.7#
68	9.9	6.2	9.2#



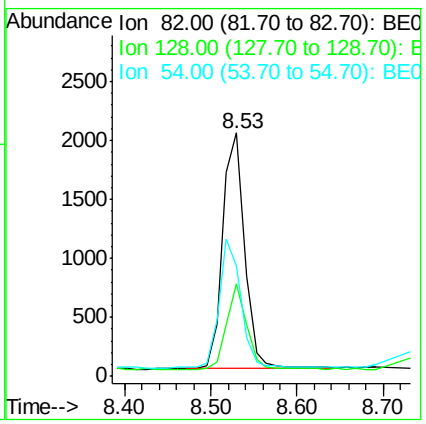


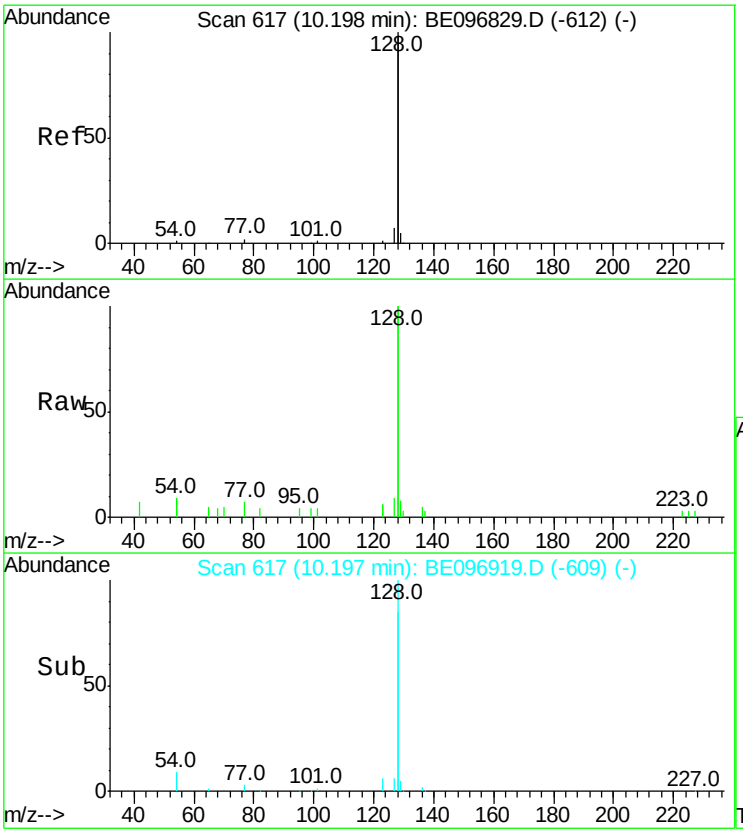
#8
Nitrobenzene-d5
Concen: 0.615 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.01 min
Lab File: BE096919.D
Acq: 14 Jul 2018 1:21

Instrument :
BNA_E
ClientSampleId :
GW02-071118

Tgt Ion: 82 Resp: 3546

Ion	Ratio	Lower	Upper
82	100		
128	38.0	24.0	36.0#
54	45.5	40.0	60.0

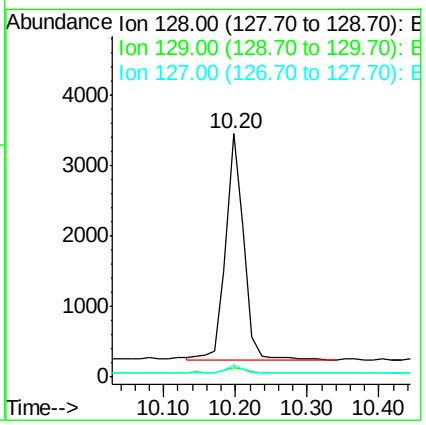


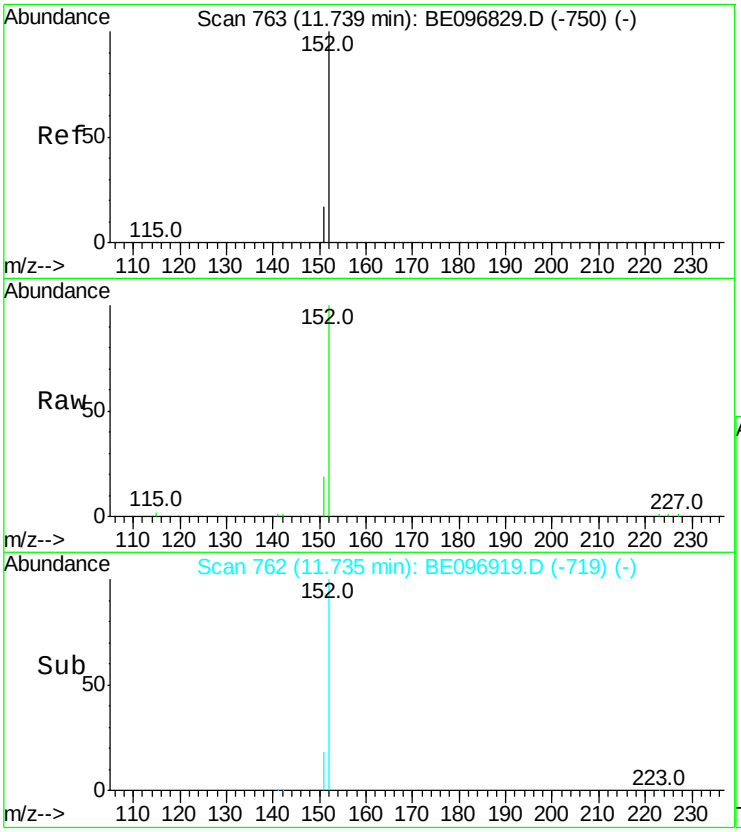


#9
Naphthalene
Concen: 0.064 ng
RT: 10.20 min Scan# 617
Delta R.T. -0.00 min
Lab File: BE096919.D
Acq: 14 Jul 2018 1:21

Tgt Ion:128 Resp: 5539

Ion	Ratio	Lower	Upper
128	100		
129	4.1	2.6	3.8#
127	4.6	2.8	4.2#



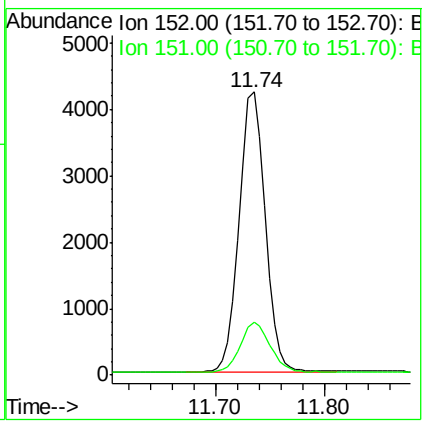


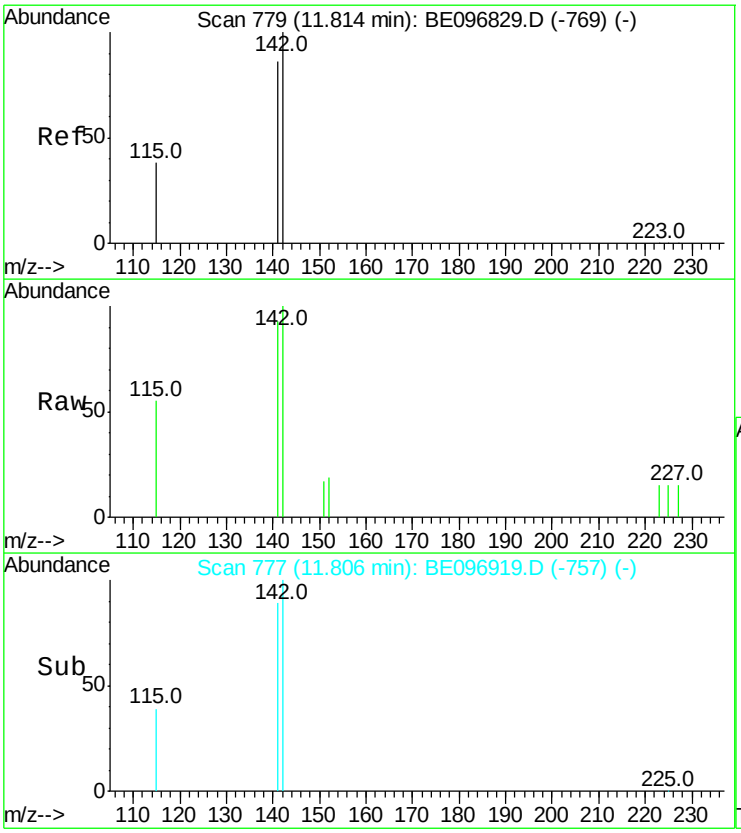
#11
2-Methylnaphthalene-d10
Concen: 0.495 ng
RT: 11.74 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE096919.D
Acq: 14 Jul 2018 1:21

Instrument :
BNA_E
ClientSampleId :
GW02-071118

Tgt Ion:152 Resp: 6779

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.4	23.0

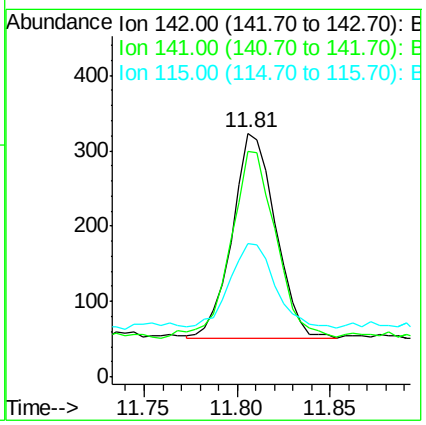


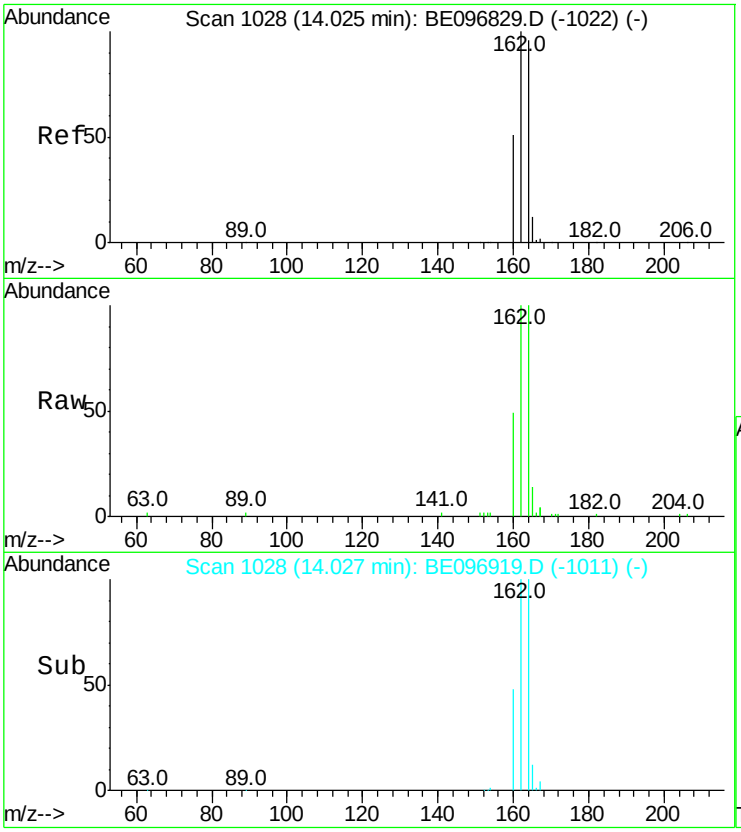


#12
2-Methylnaphthalene
Concen: 0.031 ng
RT: 11.81 min Scan# 777
Delta R.T. -0.00 min
Lab File: BE096919.D
Acq: 14 Jul 2018 1:21

Tgt Ion:142 Resp: 441

Ion	Ratio	Lower	Upper
142	100		
141	92.6	70.4	105.6
115	54.8	31.7	47.5#



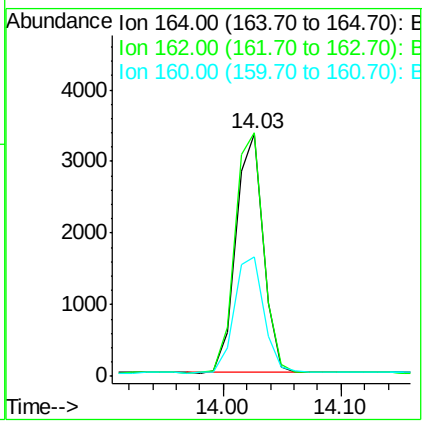


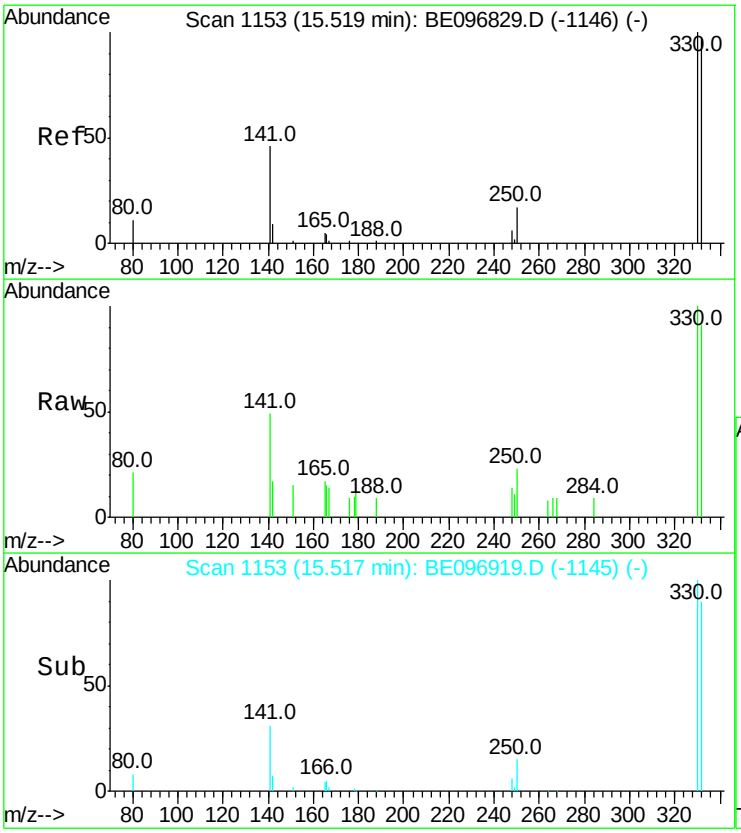
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE096919.D
Acq: 14 Jul 2018 1:21

Instrument :
BNA_E
ClientSampleId :
GW02-071118

Tgt Ion:164 Resp: 5415

Ion	Ratio	Lower	Upper
164	100		
162	100.2	83.1	124.7
160	49.0	37.1	55.7

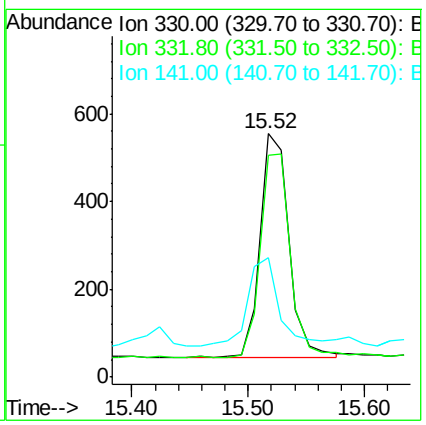


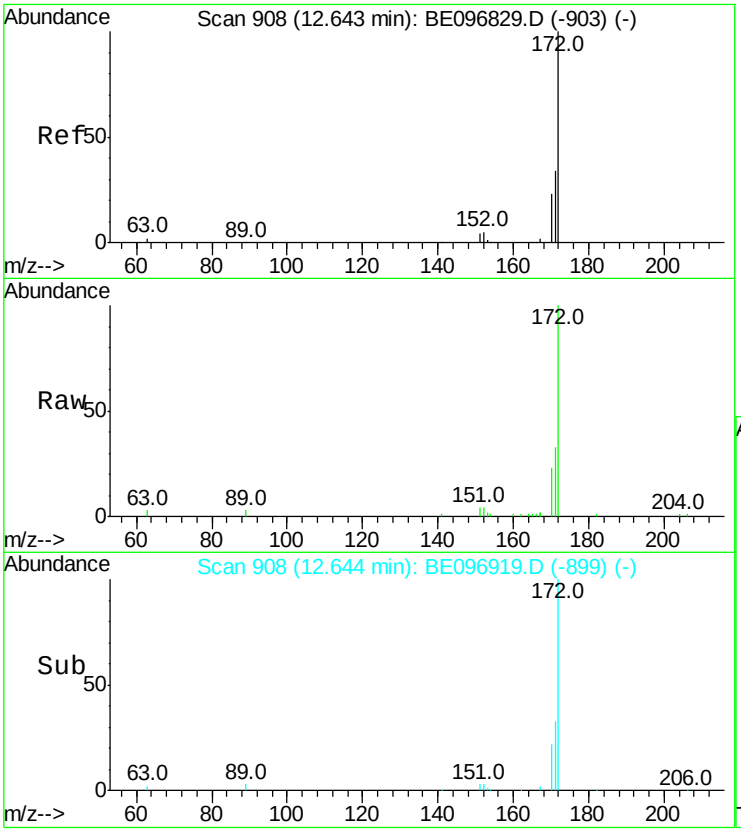


#14
2,4,6-Tribromophenol
Concen: 0.626 ng
RT: 15.52 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE096919.D
Acq: 14 Jul 2018 1:21

Tgt Ion:330 Resp: 877

Ion	Ratio	Lower	Upper
330	100		
332	94.5	152.7	229.1#
141	42.9	33.7	50.5



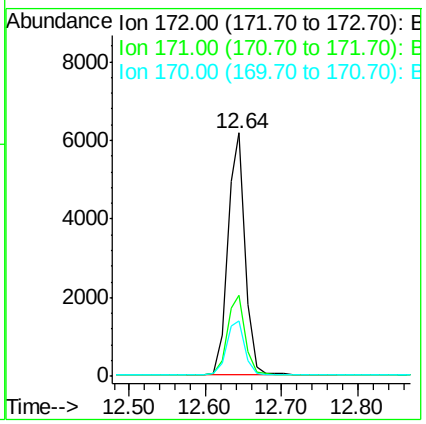


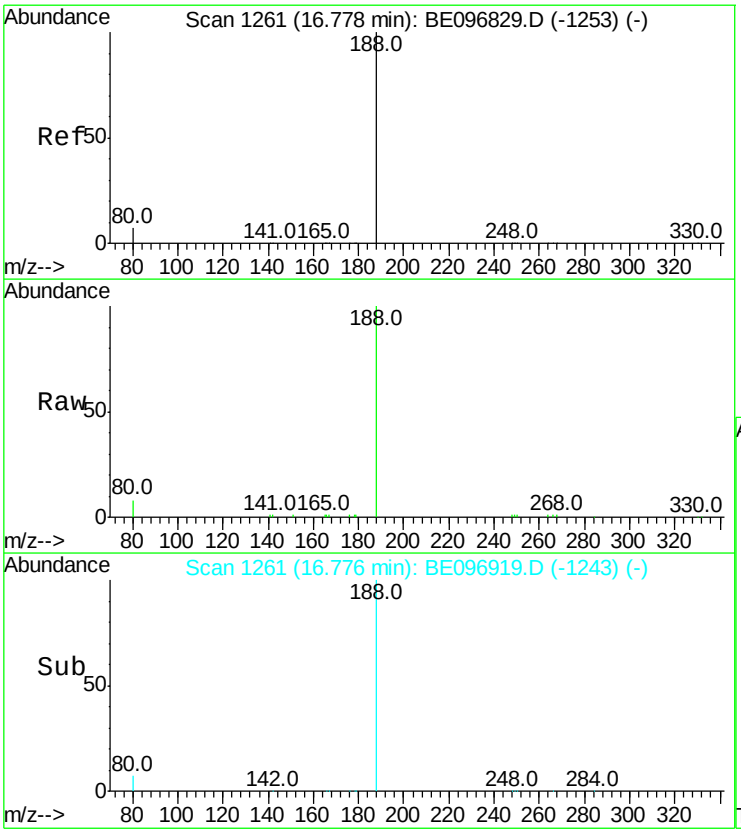
#15
2-Fluorobiphenyl
Concen: 0.495 ng
RT: 12.64 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE096919.D
Acq: 14 Jul 2018 1:21

Instrument :
BNA_E
ClientSampleId :
GW02-071118

Tgt Ion:172 Resp: 9808

Ion	Ratio	Lower	Upper
172	100		
171	33.3	29.9	44.9
170	22.6	21.8	32.8

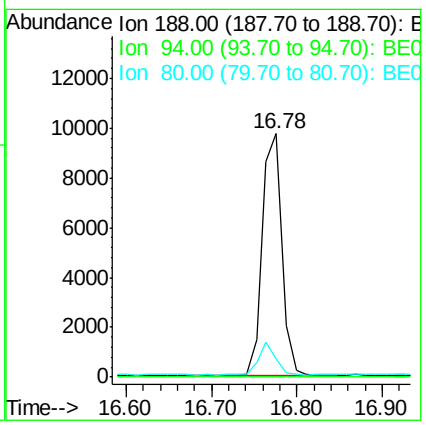


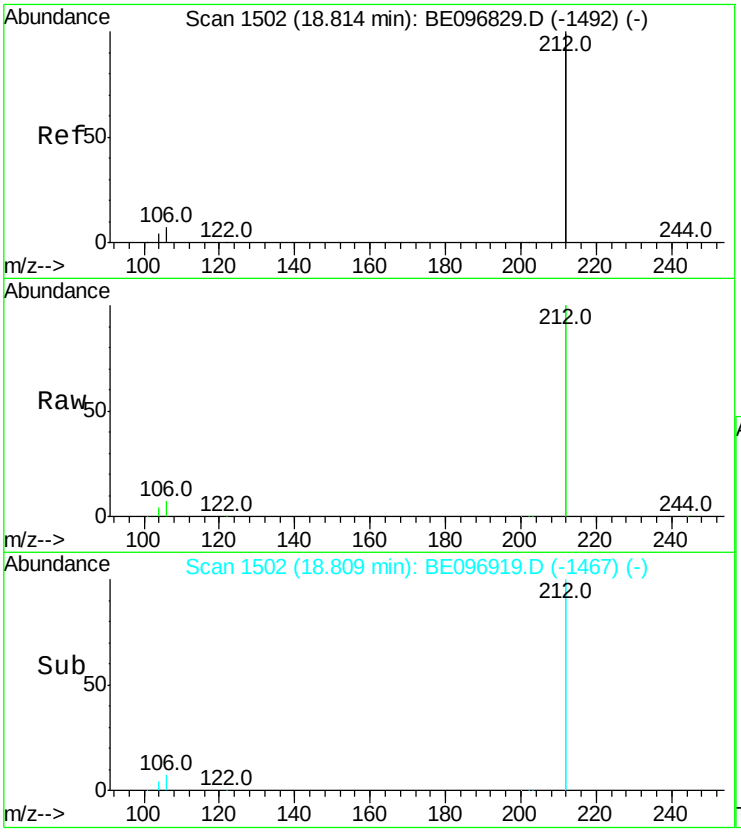


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BE096919.D
Acq: 14 Jul 2018 1:21

Tgt Ion:188 Resp: 15555

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	7.7	3.6	5.4#



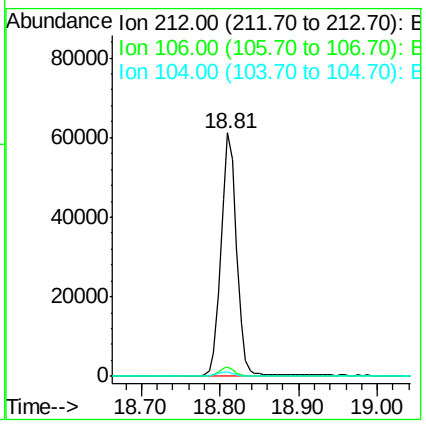


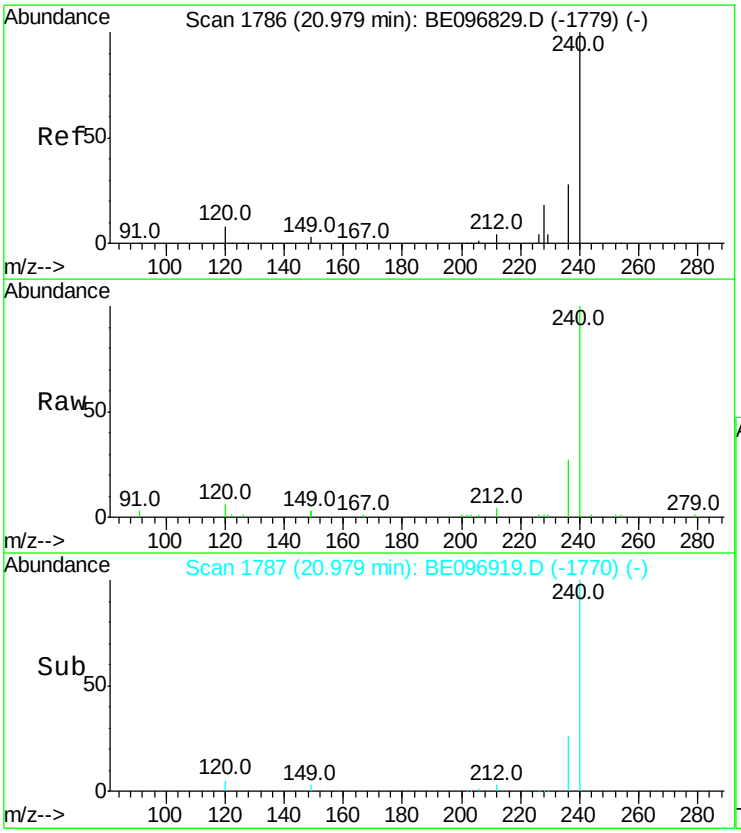
#25
Fluoranthene-d10
Concen: 0.605 ng
RT: 18.81 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE096919.D
Acq: 14 Jul 2018 1:21

Instrument :
BNA_E
ClientSampleId :
GW02-071118

Tgt Ion:212 Resp: 82792

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

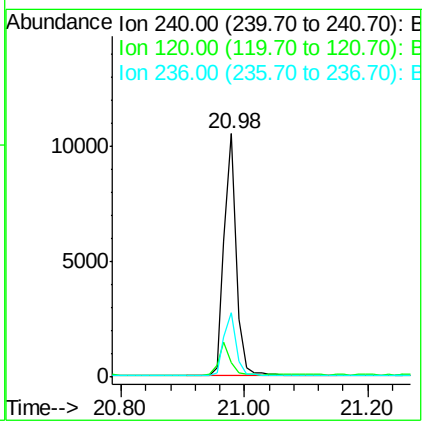


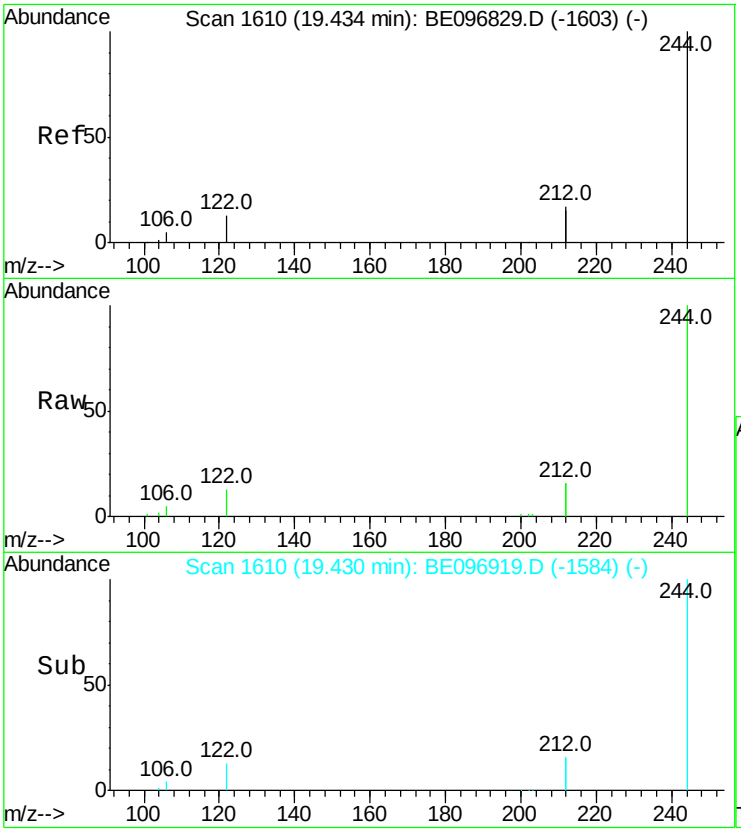


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE096919.D
Acq: 14 Jul 2018 1:21

Tgt Ion:240 Resp: 14629

Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.5	8.3
236	26.7	20.7	31.1



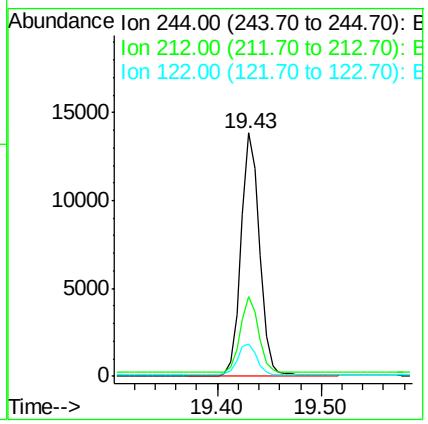


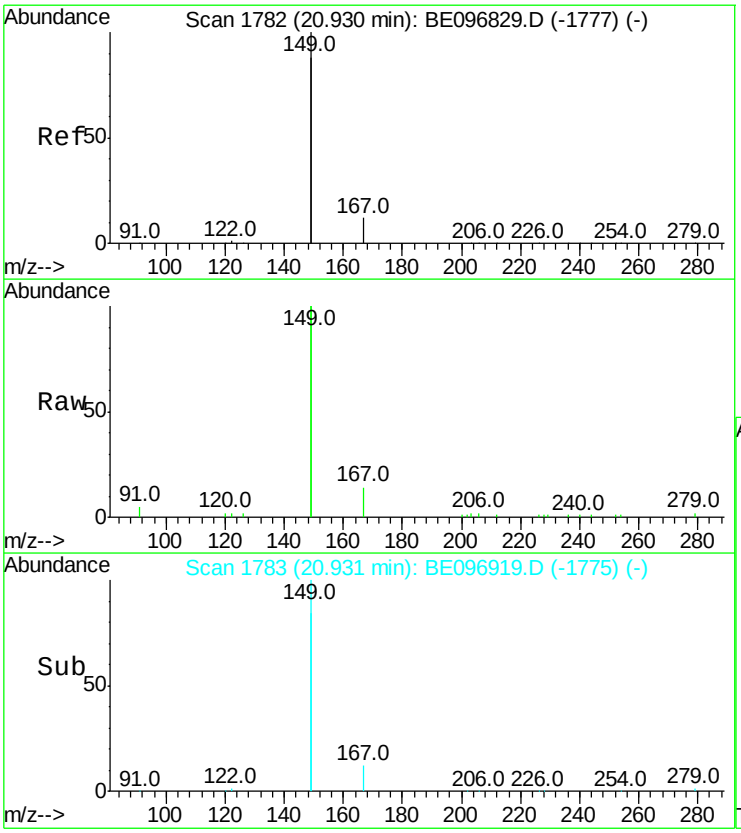
#29
Terphenyl-d14
Concen: 0.604 ng
RT: 19.43 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BE096919.D
Acq: 14 Jul 2018 1:21

Instrument :
BNA_E
ClientSampleId :
GW02-071118

Tgt Ion:244 Resp: 17065

Ion	Ratio	Lower	Upper
244	100		
212	32.7	25.4	38.0
122	13.2	8.1	12.1#

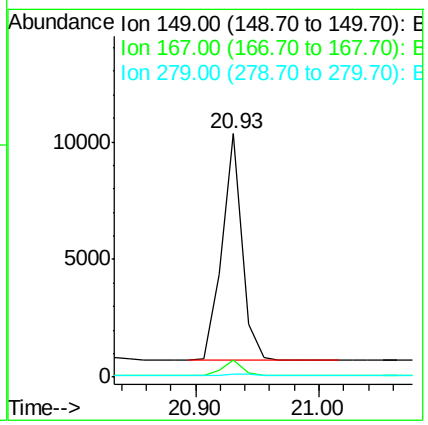


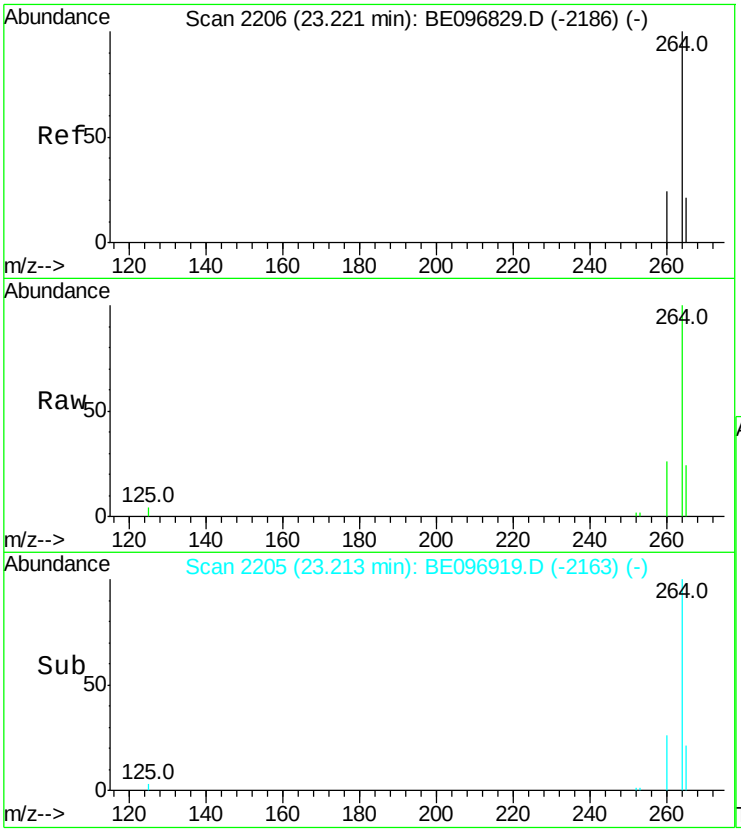


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.378 ng
RT: 20.93 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BE096919.D
Acq: 14 Jul 2018 1:21

Tgt Ion:149 Resp: 10978

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	0.9	0.7	1.1





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BE096919.D
Acq: 14 Jul 2018 1:21

Instrument :
BNA_E
ClientSampleId :
GW02-071118

Tgt Ion:264 Resp: 15419

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	24.0	22.8	34.2