Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080318\
Data File : BF107970.D
Acq On : 4 Aug 2018 6:21
Operator : JU/SJ
Sample : J4262-01DL 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-04DL

Quant Time: Aug 06 01:03:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	74416	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	348283	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	143497	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	257048	20.00	ng	0.00
75) Chrysene-d12	14.15	240	255232	20.00	ng	0.00
86) Perylene-d12	15.68	264	193182	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	70047	16.00	ng	0.02
7) Phenol-d6	6.64	99	86968	15.07	ng	0.03
23) Nitrobenzene-d5	7.52	82	232667	38.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	103875	53.27	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	518275	50.33	ng	-0.01
78) Terphenyl-d14	13.08	244	521328	44.29	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.58	88	132	5.850	ng	# 20
19) n-Nitroso-di-n-propylamine	7.52	70	27787	7.591	ng	# 80
25) Isophorone	7.52	82	232667	23.446	ng	# 64
31) Naphthalene	8.26	128	854239	52.764	ng	100
32) Benzoic acid	8.04	122	21336	8.684	ng	# 30
33) 4-Chloroaniline	8.26	127	108791	15.732	ng	# 37
37) 2-Methylnaphthalene	8.95	142	75397	7.414	ng	95
48) Acenaphthylene	9.86	152	39986	2.619	ng	# 93
51) Acenaphthene	10.02	154	135670	15.298	ng	100
54) Dibenzofuran	10.21	168	85671	6.250	ng	96
55) 4-Nitrophenol	10.21	139	31256	29.196	ng	# 13
57) Fluorene	10.55	166	89902	8.439	ng	97
70) Phenanthrene	11.52	178	104643	8.573	ng	99
71) Anthracene	11.52	178	104643	7.433	ng	100
72) Carbazole	11.74	167	181363	13.036	ng	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080318\
Data File : BF107970.D
Acq On : 4 Aug 2018 6:21
Operator : JU/SJ
Sample : J4262-01DL 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-04DL

Quant Time: Aug 06 01:03:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
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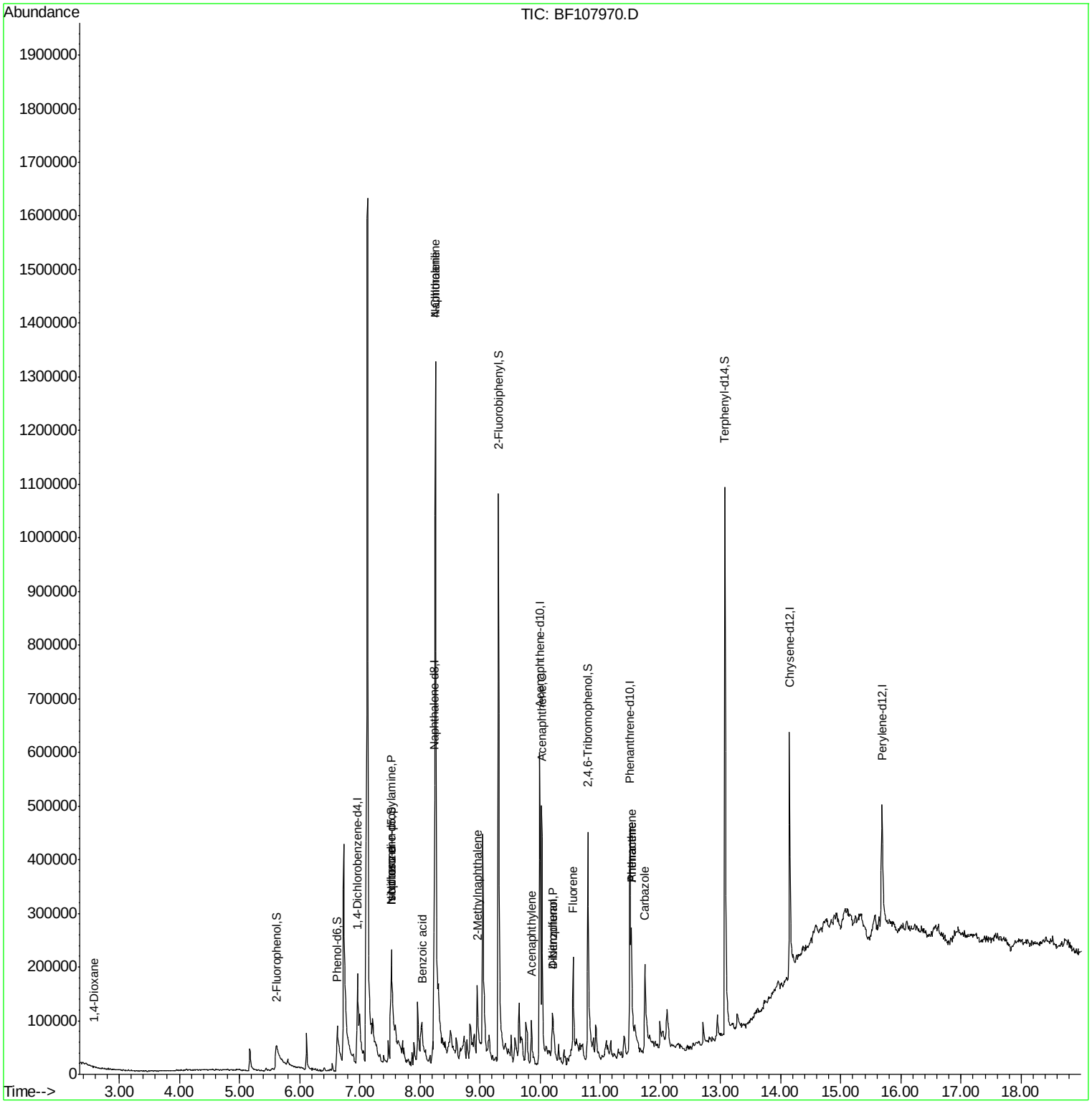
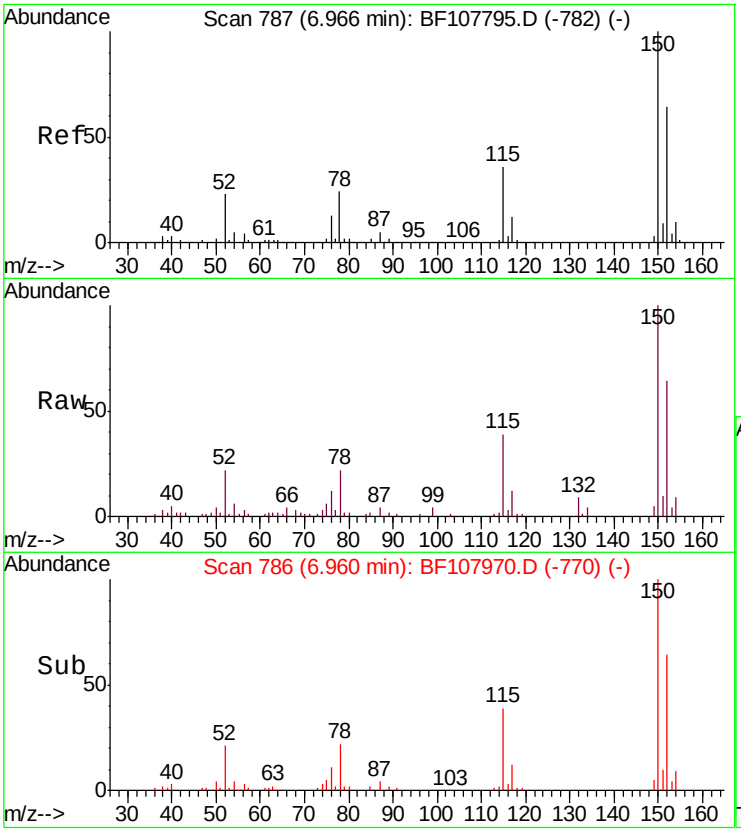


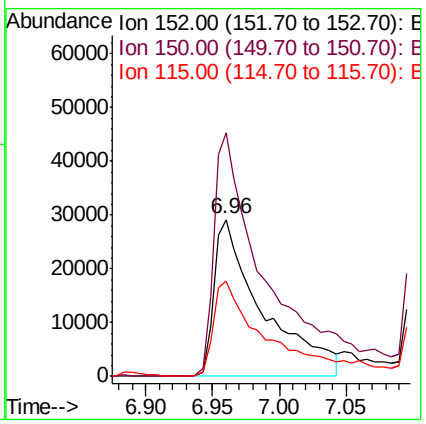


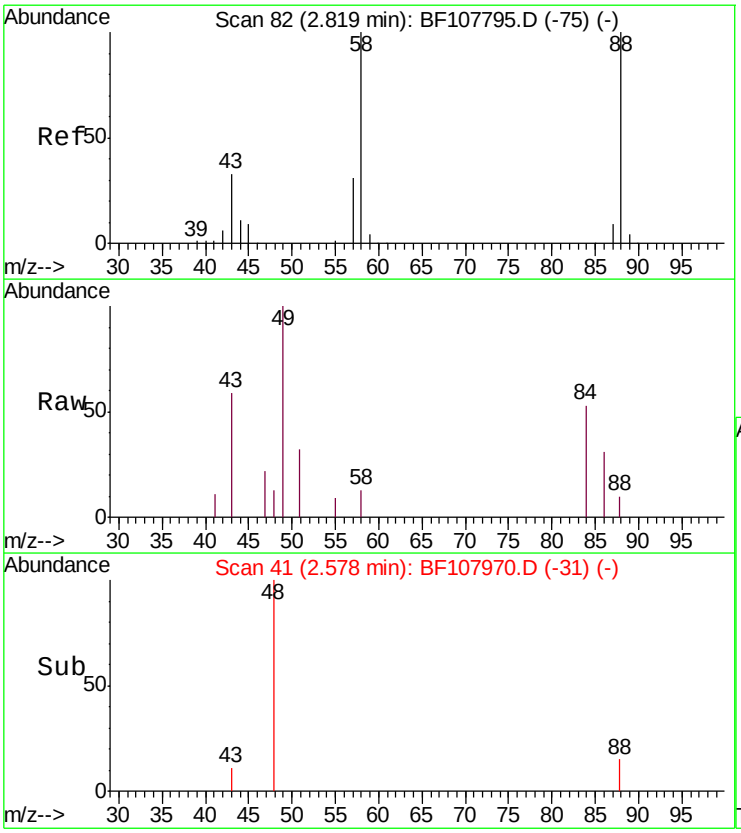
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107970.D
Acq: 4 Aug 2018 6:21

Instrument :
BNA_F
ClientSampleId :
GW-04DL

Tgt Ion:152 Resp: 74416

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	60.3	50.1	75.1

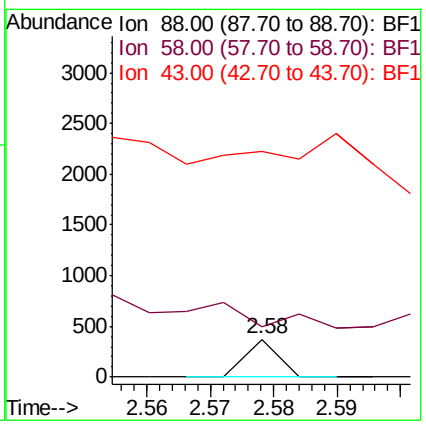


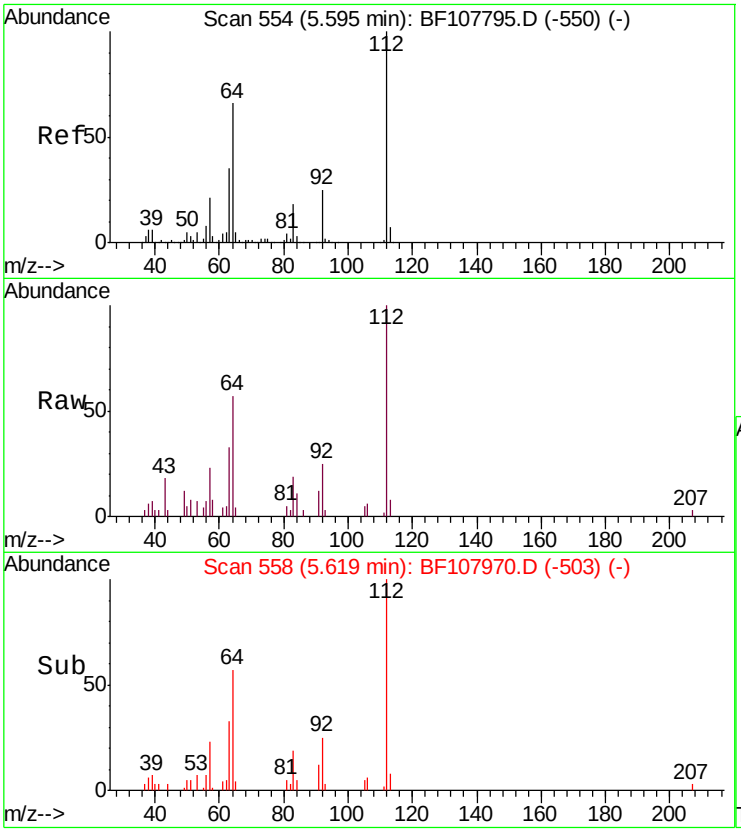


#2
1,4-Dioxane
Concen: 5.850 ng
RT: 2.58 min Scan# 41
Delta R.T. -0.24 min
Lab File: BF107970.D
Acq: 4 Aug 2018 6:21

Tgt Ion: 88 Resp: 132

Ion	Ratio	Lower	Upper
88	100		
58	0.0	62.6	93.8#
43	0.0	24.6	37.0#



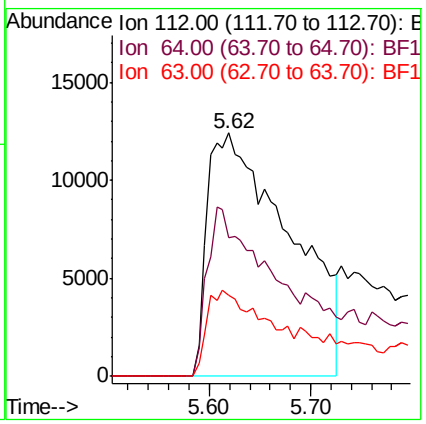


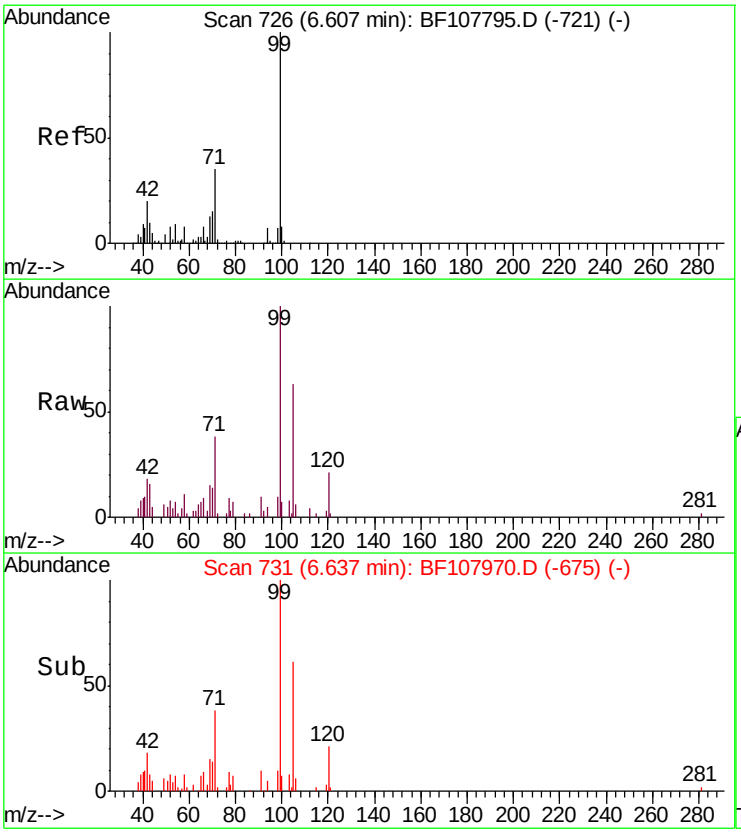
#5
2-Fluorophenol
Concen: 15.998 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF107970.D
Acq: 4 Aug 2018 6:21

Instrument :
BNA_F
ClientSampleId :
GW-04DL

Tgt Ion:112 Resp: 70047

Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.9	71.9
63	33.3	23.7	35.5

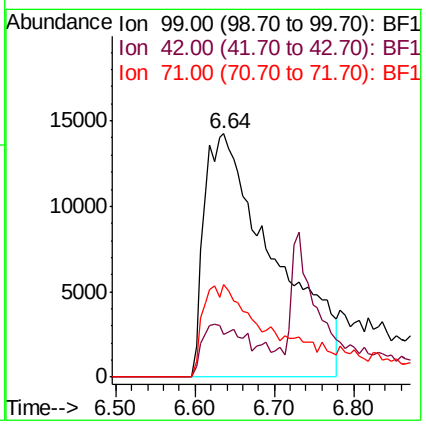


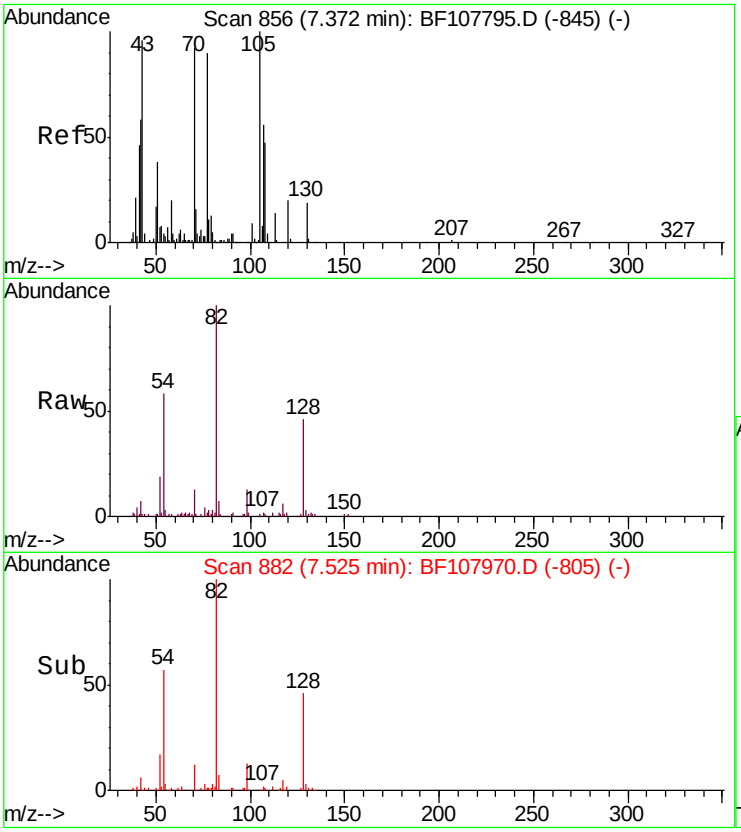


#7
Phenol-d6
Concen: 15.071 ng
RT: 6.64 min Scan# 731
Delta R.T. 0.03 min
Lab File: BF107970.D
Acq: 4 Aug 2018 6:21

Tgt Ion: 99 Resp: 86968

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.5	21.7
71	37.9	25.4	38.0



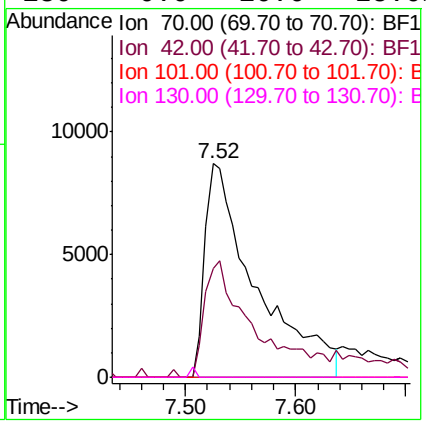


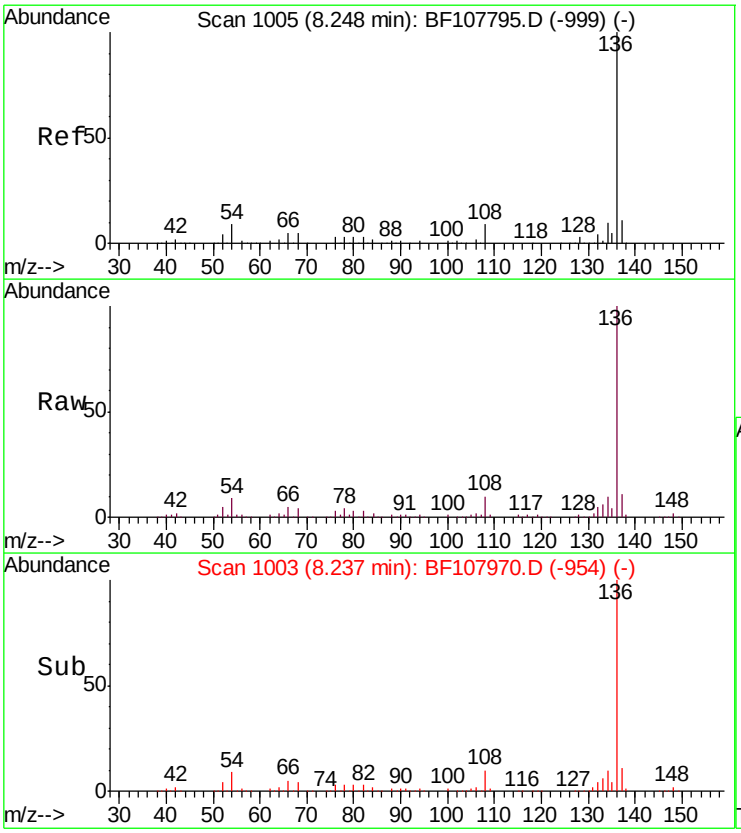
#19
n-Nitroso-di-n-propylamine
Concen: 7.591 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF107970.D
Acq: 4 Aug 2018 6:21

Instrument :
BNA_F
ClientSampleId :
GW-04DL

Tgt Ion: 70 Resp: 27787

Ion	Ratio	Lower	Upper
70	100		
42	51.2	47.5	71.3
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#

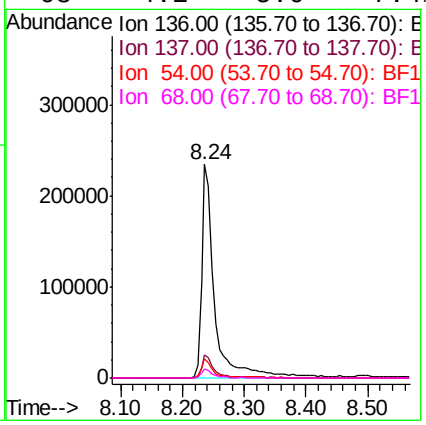


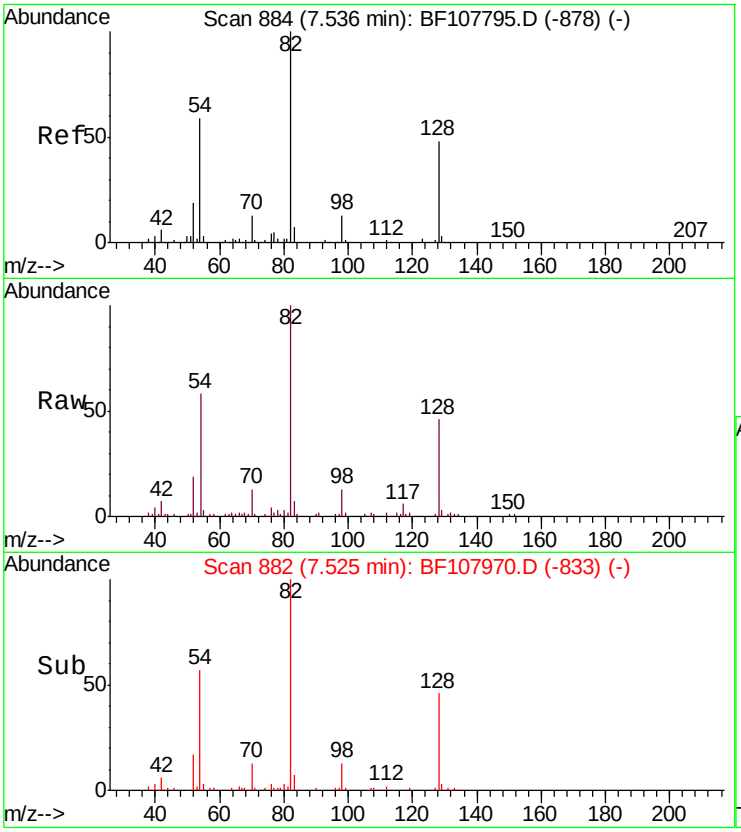


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107970.D
Acq: 4 Aug 2018 6:21

Tgt Ion:136 Resp: 348283

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.9	6.6	9.8
68	4.2	5.0	7.4#



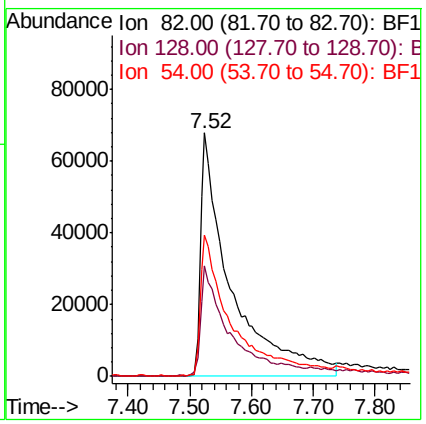


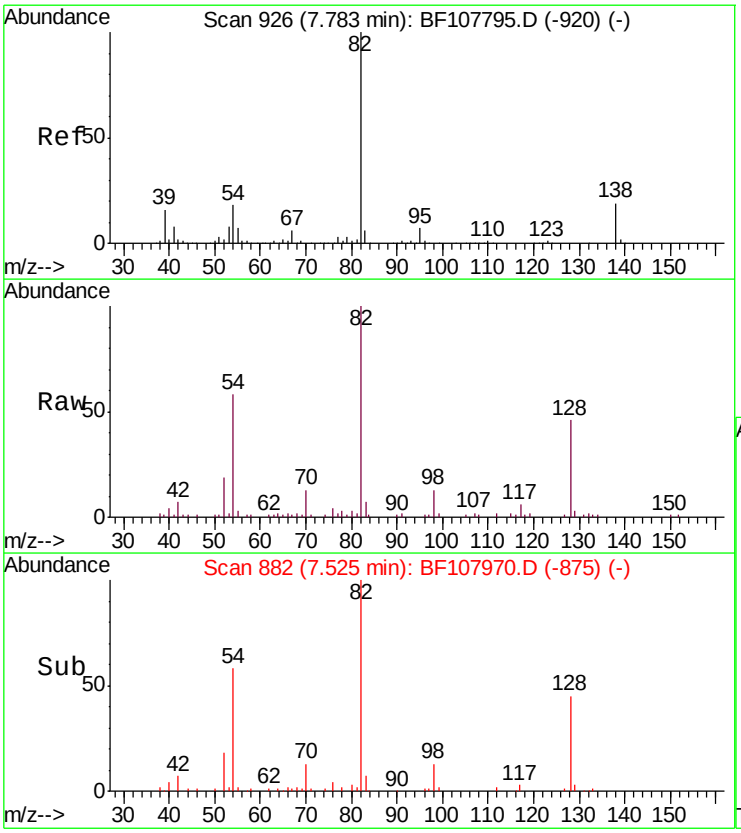
#23
Nitrobenzene-d5
Concen: 38.486 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107970.D
Acq: 4 Aug 2018 6:21

Instrument :
BNA_F
ClientSampleId :
GW-04DL

Tgt Ion: 82 Resp: 232667

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	57.9	41.4	62.2

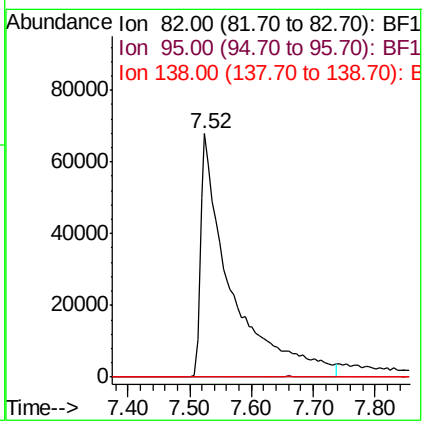


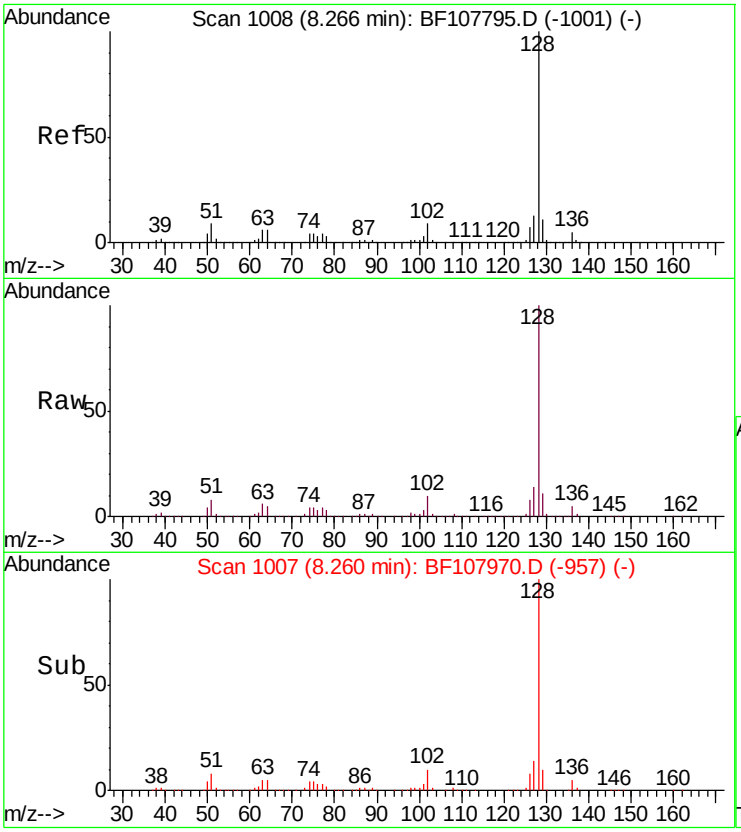


#25
Isophorone
Concen: 23.446 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF107970.D
Acq: 4 Aug 2018 6:21

Tgt Ion: 82 Resp: 232667

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



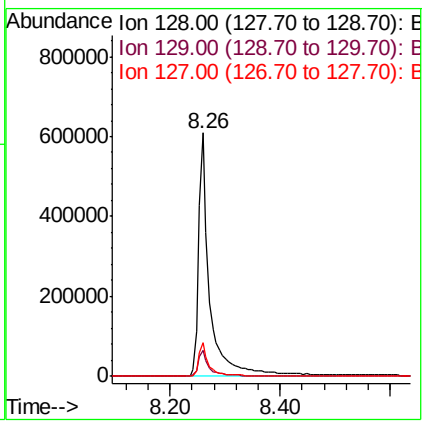


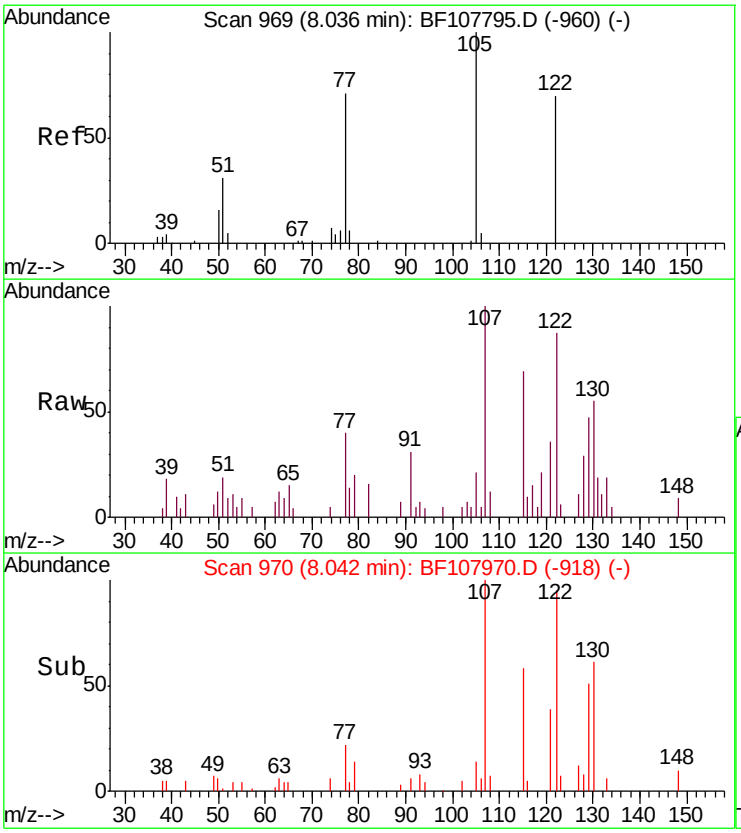
#31
Naphthalene
Concen: 52.764 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF107970.D
Acq: 4 Aug 2018 6:21

Instrument :
BNA_F
ClientSampleId :
GW-04DL

Tgt Ion:128 Resp: 854239

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.8	10.9	16.3

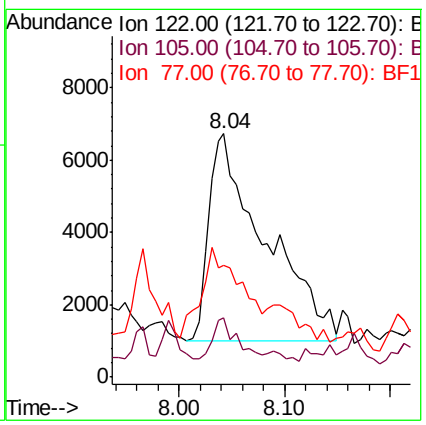


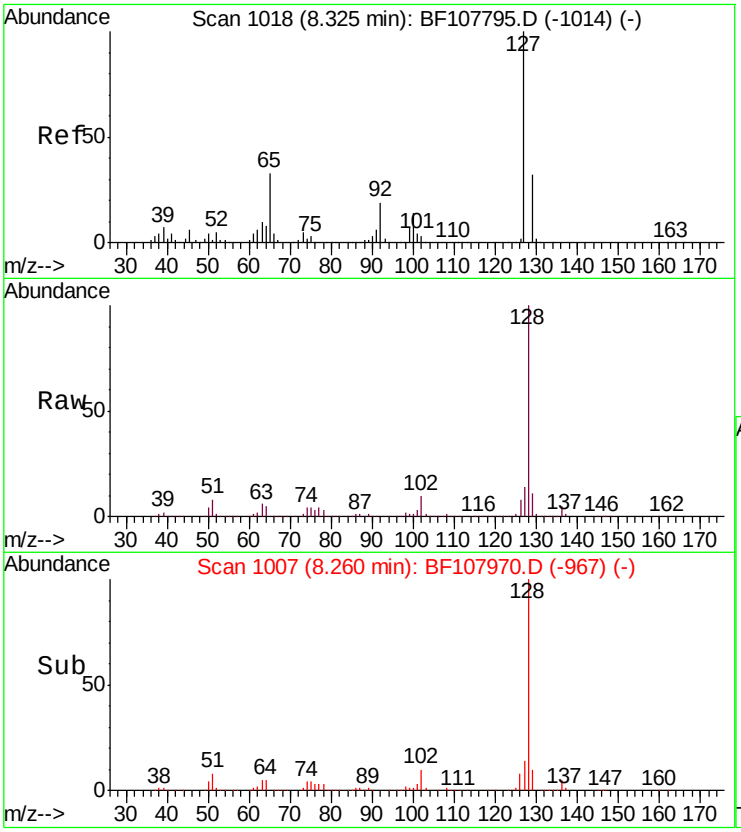


#32
Benzoic acid
Concen: 8.684 ng
RT: 8.04 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF107970.D
Acq: 4 Aug 2018 6:21

Tgt Ion:122 Resp: 21336

Ion	Ratio	Lower	Upper
122	100		
105	24.5	101.1	141.1#
77	45.7	70.7	110.7#



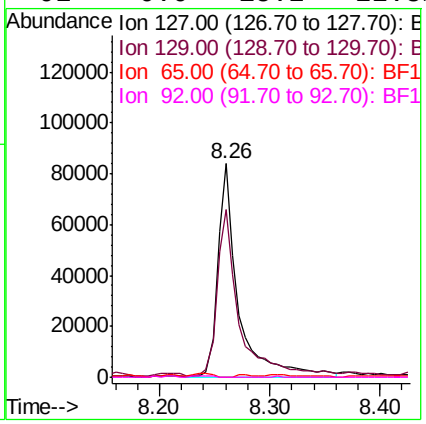


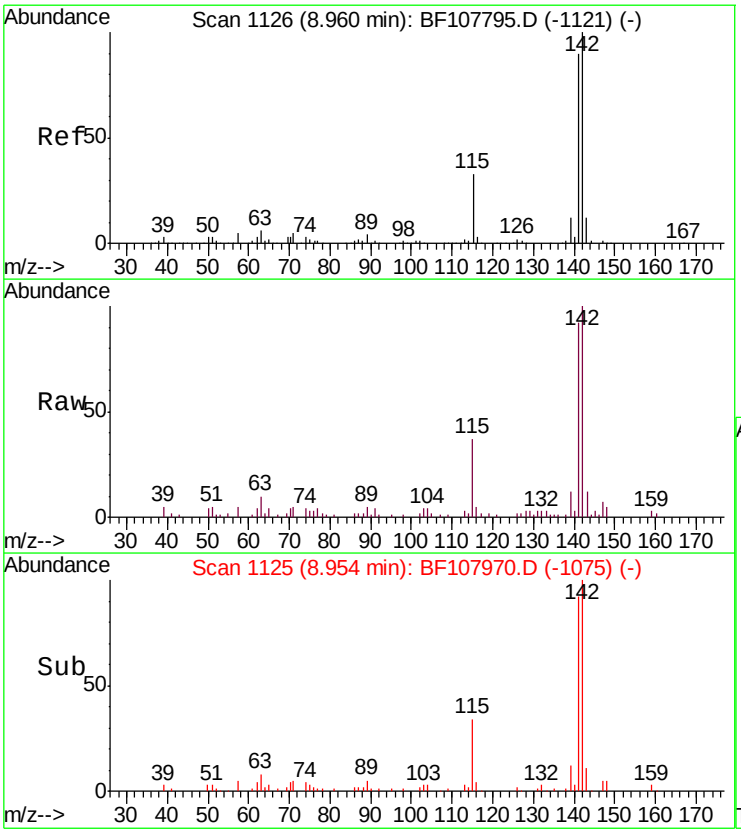
#33
4-Chloroaniline
Concen: 15.732 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.06 min
Lab File: BF107970.D
Acq: 4 Aug 2018 6:21

Instrument :
BNA_F
ClientSampleId :
GW-04DL

Tgt Ion:127 Resp: 108791

Ion	Ratio	Lower	Upper
127	100		
129	78.5	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

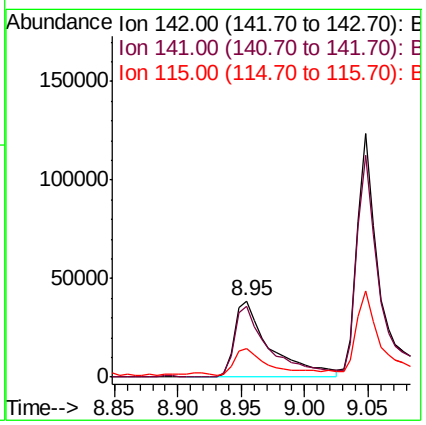


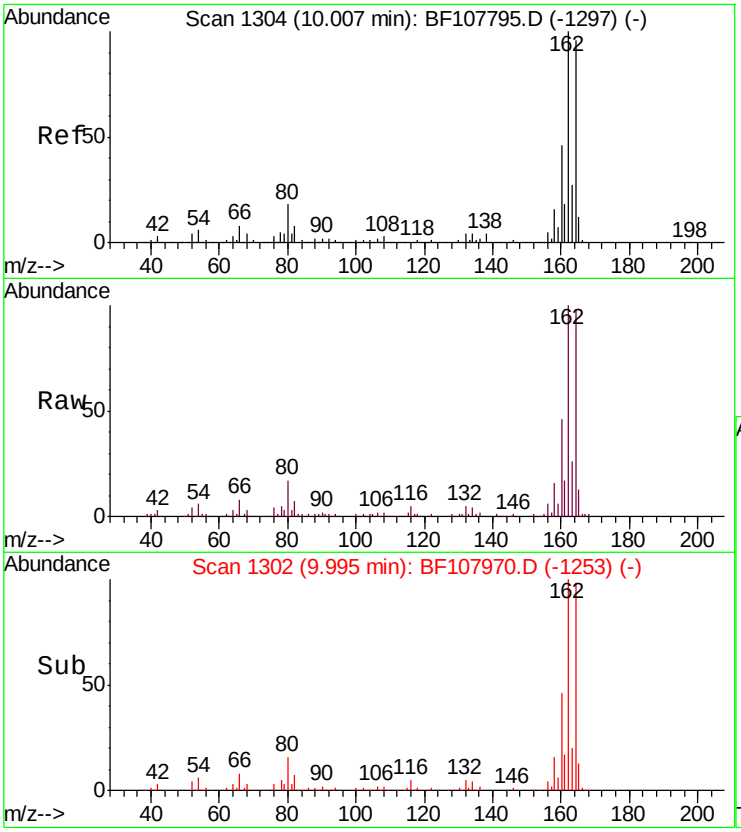


#37
2-Methylnaphthalene
Concen: 7.414 ng
RT: 8.95 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF107970.D
Acq: 4 Aug 2018 6:21

Tgt Ion:142 Resp: 75397

Ion	Ratio	Lower	Upper
142	100		
141	92.4	70.8	106.2
115	36.7	26.1	39.1



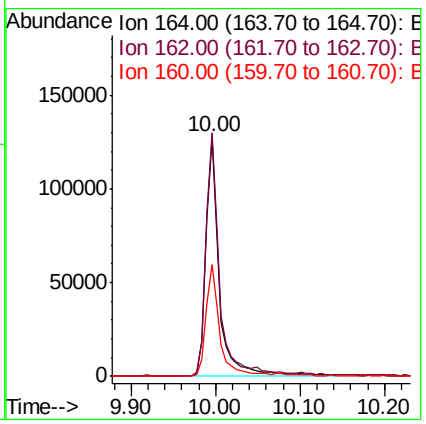


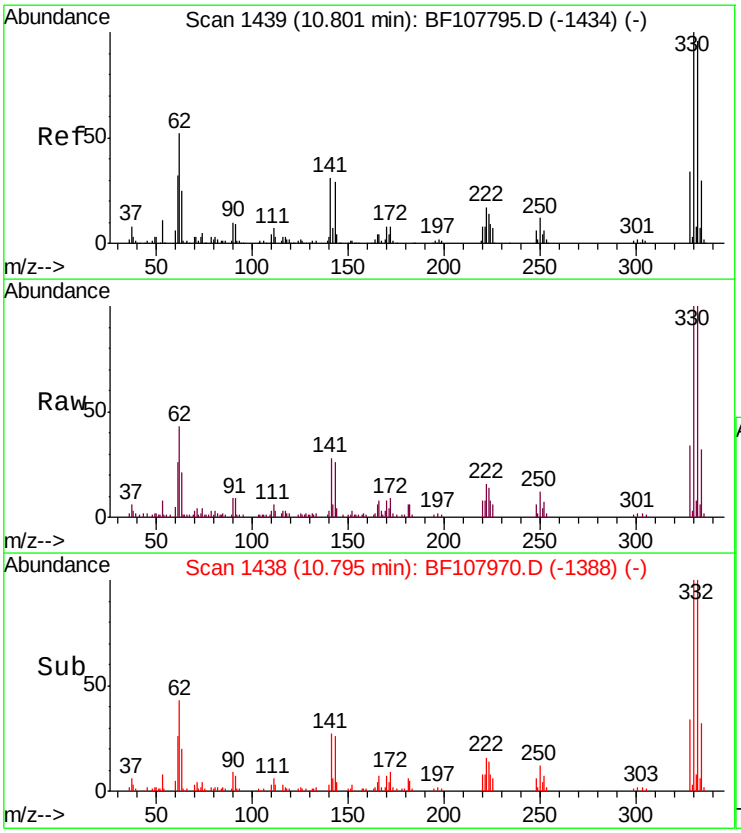
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107970.D
Acq: 4 Aug 2018 6:21

Instrument :
BNA_F
ClientSampleId :
GW-04DL

Tgt Ion:164 Resp: 143497

Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	46.7	38.3	57.5

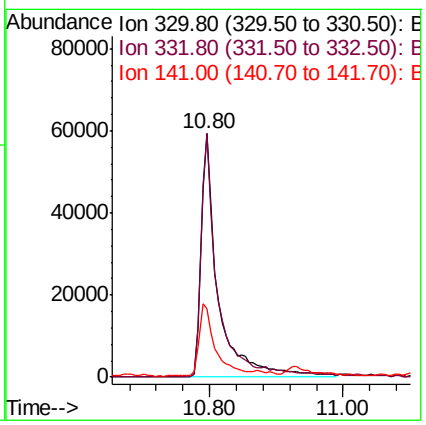


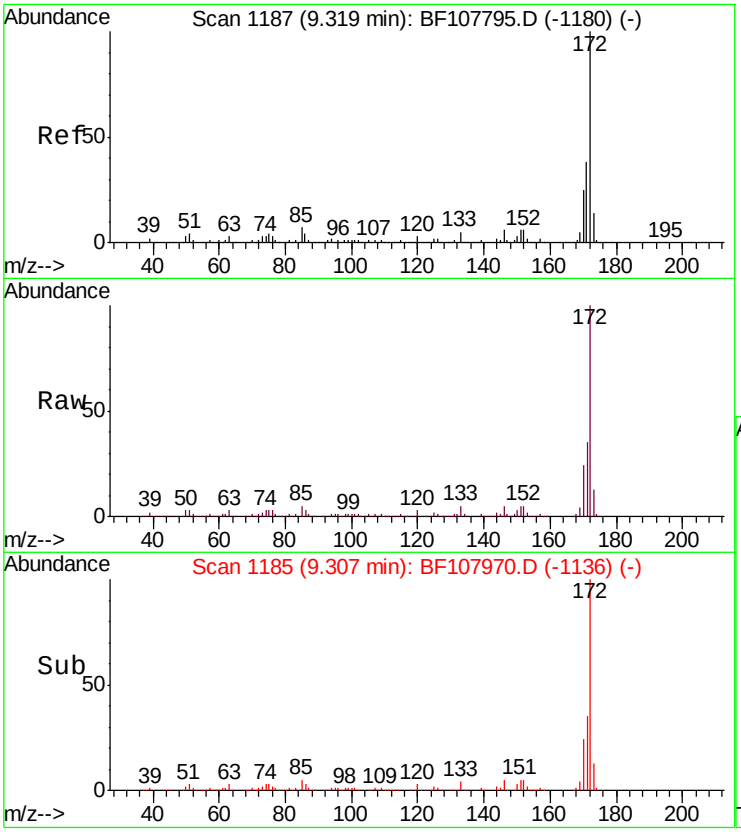


#41
2,4,6-Tribromophenol
Concen: 53.274 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107970.D
Acq: 4 Aug 2018 6:21

Tgt Ion:330 Resp: 103875

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	30.0	29.9	44.9



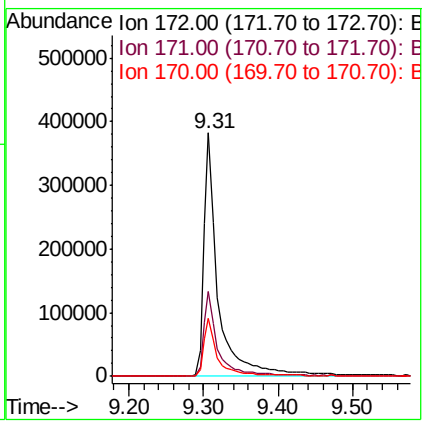


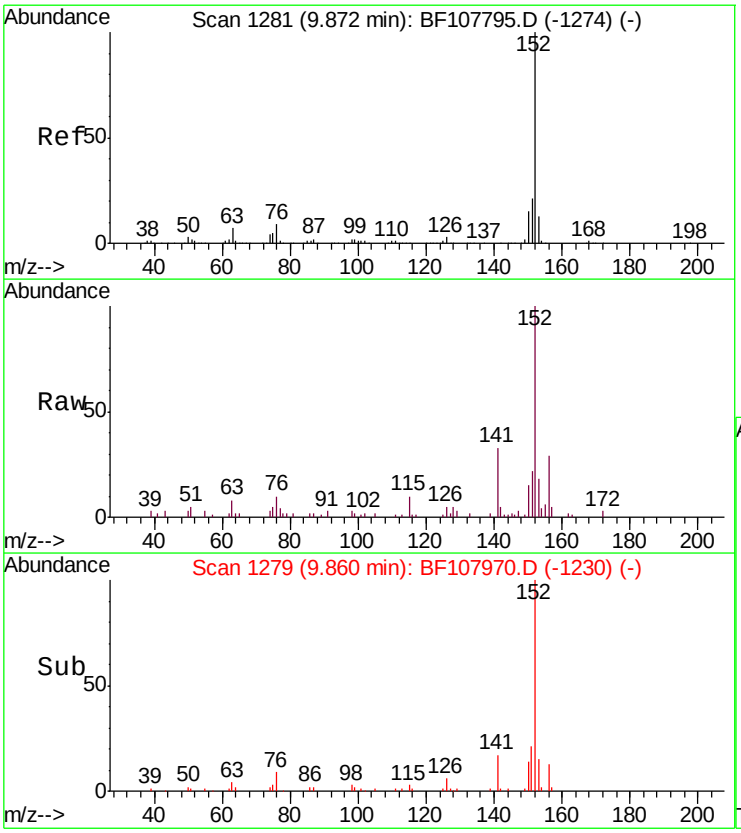
#44
2-Fluorobiphenyl
Concen: 50.329 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF107970.D
Acq: 4 Aug 2018 6:21

Instrument :
BNA_F
ClientSampleId :
GW-04DL

Tgt Ion:172 Resp: 518275

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	24.1	19.6	29.4

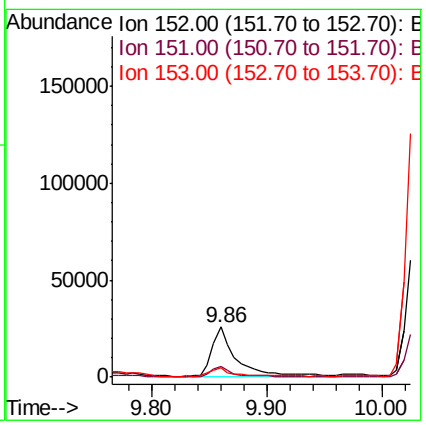


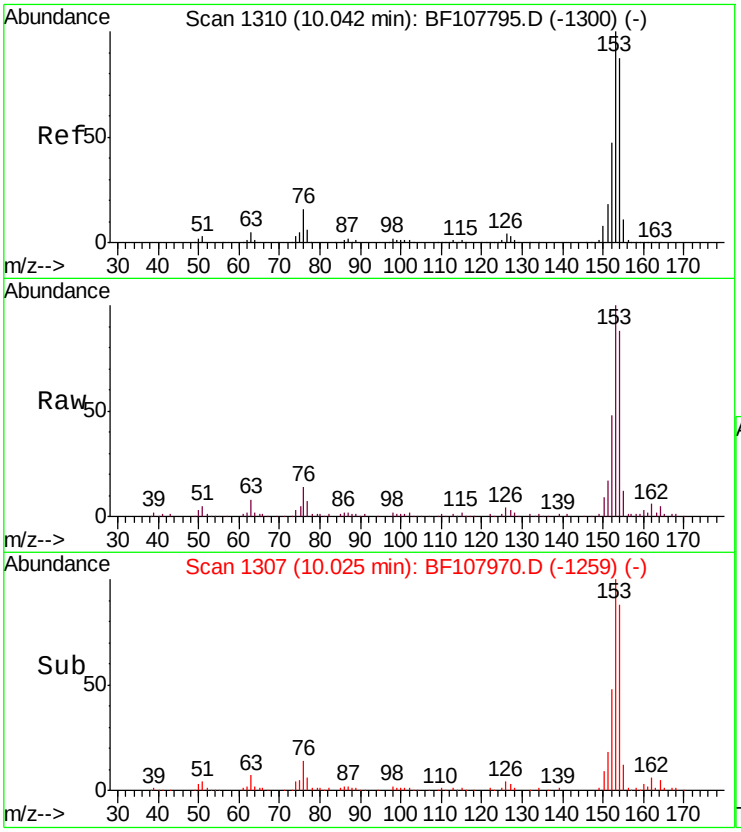


#48
Acenaphthylene
Concen: 2.619 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF107970.D
Acq: 4 Aug 2018 6:21

Tgt Ion:152 Resp: 39986

Ion	Ratio	Lower	Upper
152	100		
151	22.5	16.3	24.5
153	17.7	10.7	16.1#



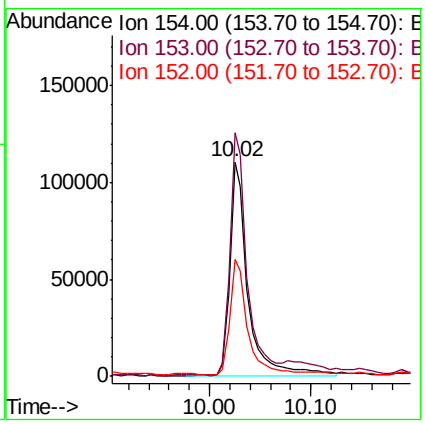


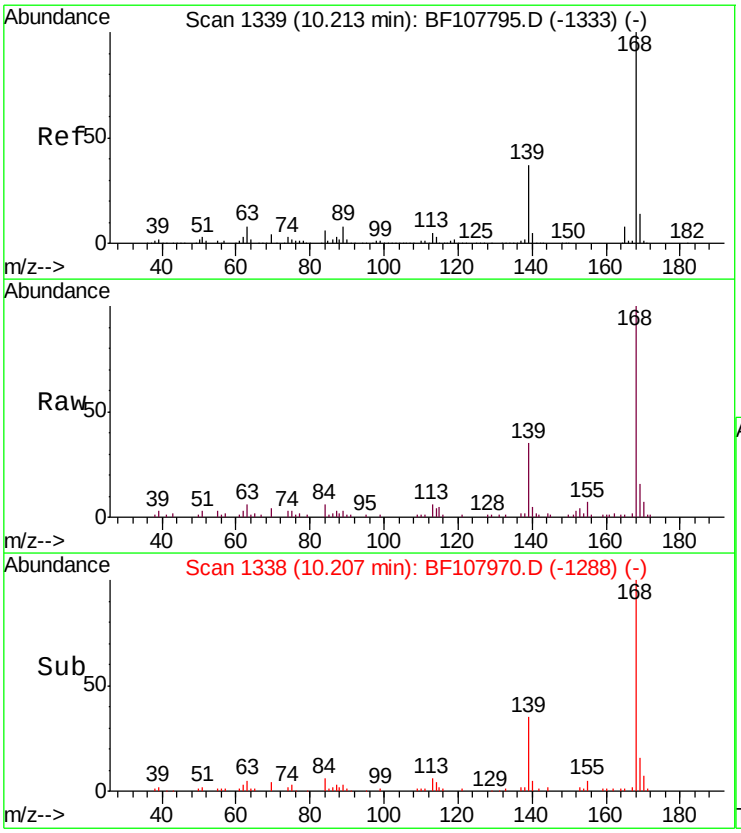
#51
Acenaphthene
Concen: 15.298 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF107970.D
Acq: 4 Aug 2018 6:21

Instrument :
BNA_F
ClientSampleId :
GW-04DL

Tgt Ion:154 Resp: 135670

Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.2	136.8
152	54.8	43.8	65.8

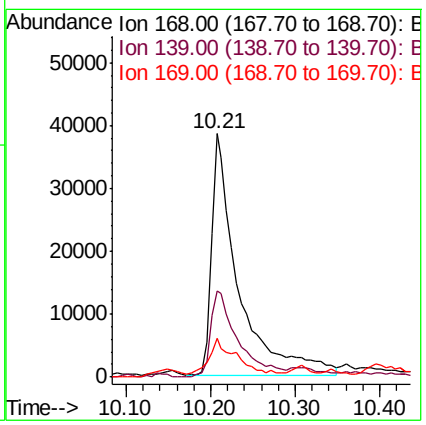


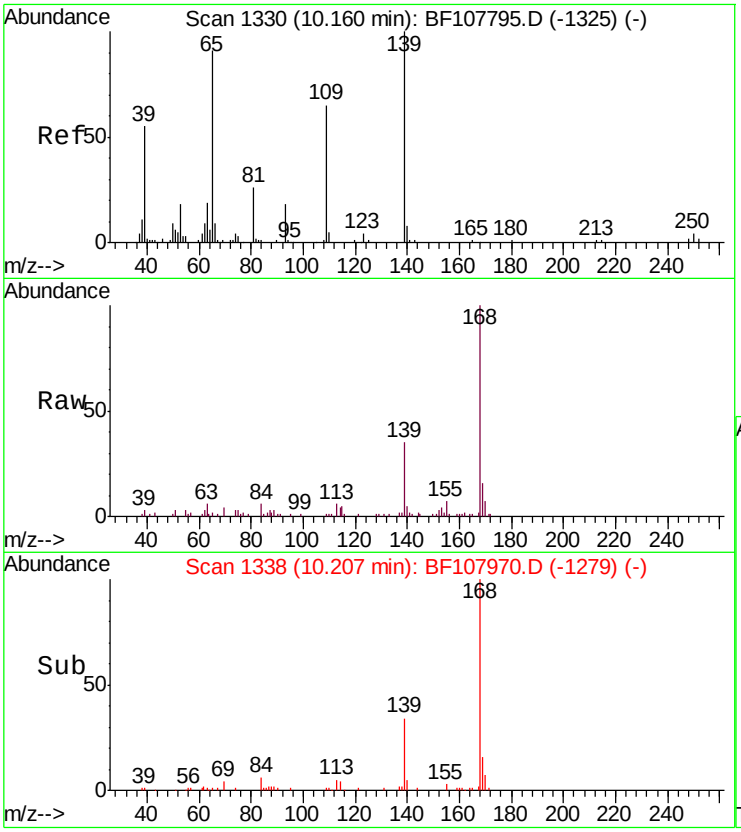


#54
Dibenzofuran
Concen: 6.250 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107970.D
Acq: 4 Aug 2018 6:21

Tgt Ion:168 Resp: 85671

Ion	Ratio	Lower	Upper
168	100		
139	35.2	30.1	45.1
169	15.8	10.9	16.3



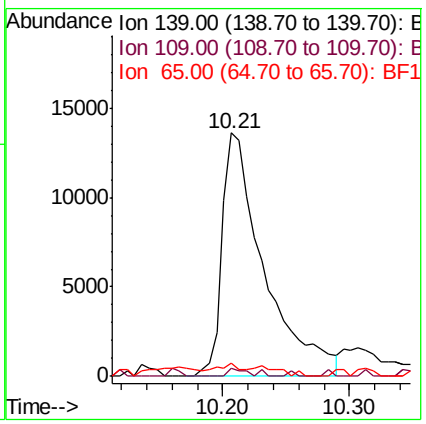


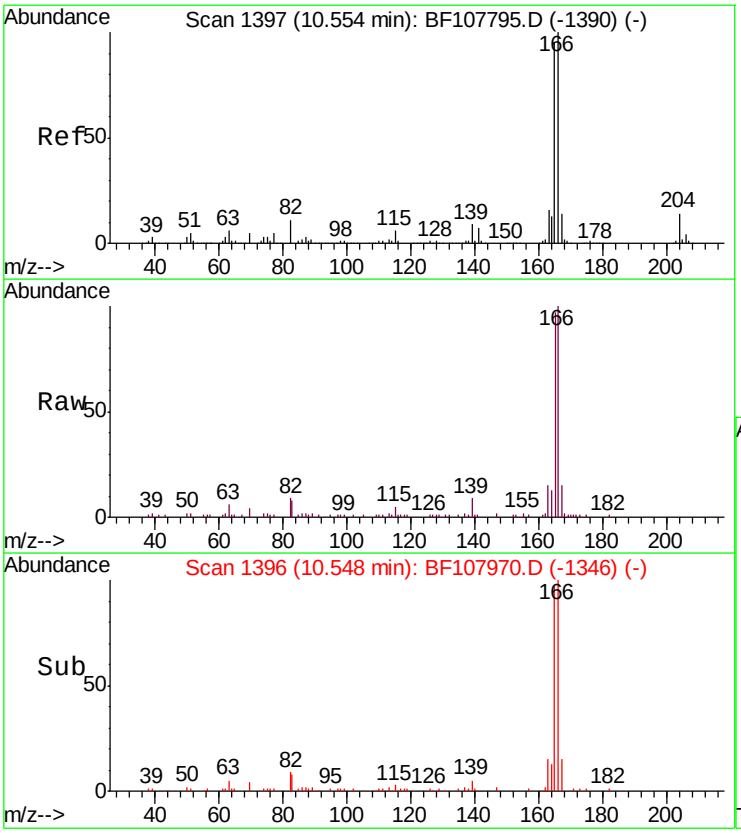
#55
4-Nitrophenol
Concen: 29.196 ng
RT: 10.21 min Scan# 1338
Delta R.T. 0.05 min
Lab File: BF107970.D
Acq: 4 Aug 2018 6:21

Instrument :
BNA_F
ClientSampleId :
GW-04DL

Tgt Ion:139 Resp: 31256

Ion	Ratio	Lower	Upper
139	100		
109	3.1	48.4	88.4#
65	5.2	72.6	112.6#

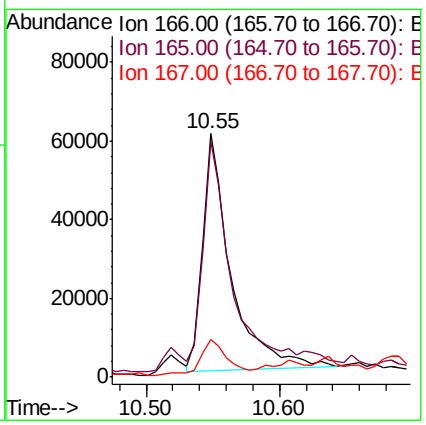


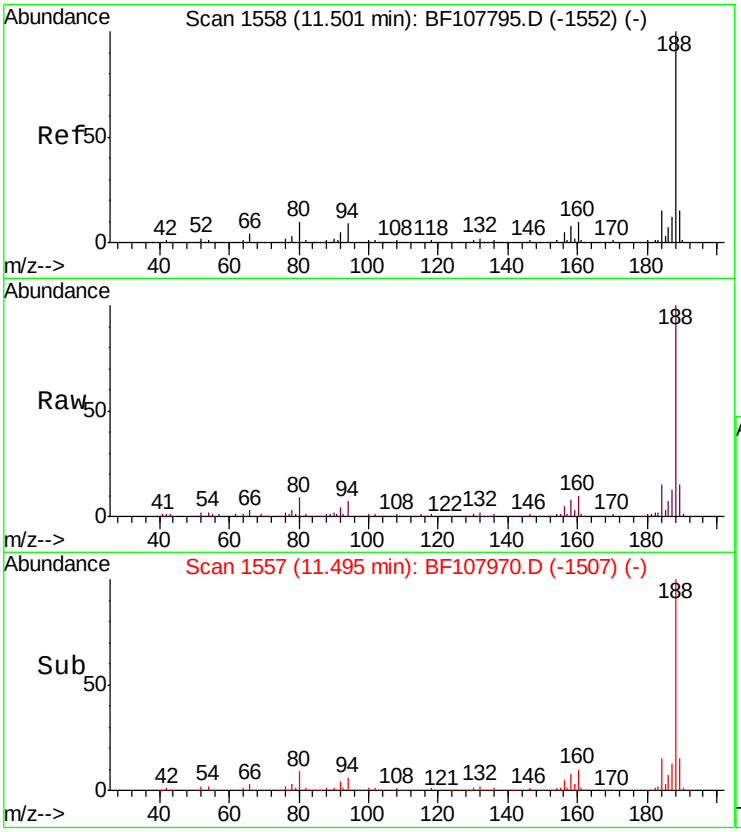


#57
Fluorene
Concen: 8.439 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF107970.D
Acq: 4 Aug 2018 6:21

Tgt Ion:166 Resp: 89902

Ion	Ratio	Lower	Upper
166	100		
165	96.9	79.8	119.8
167	15.4	10.6	16.0



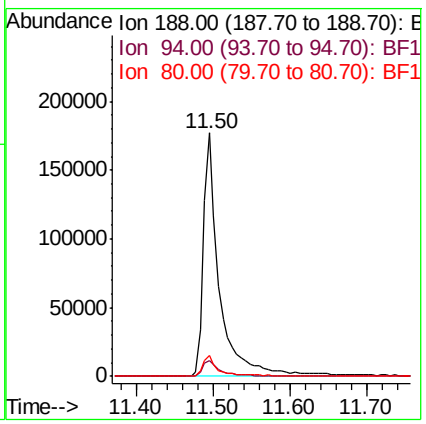


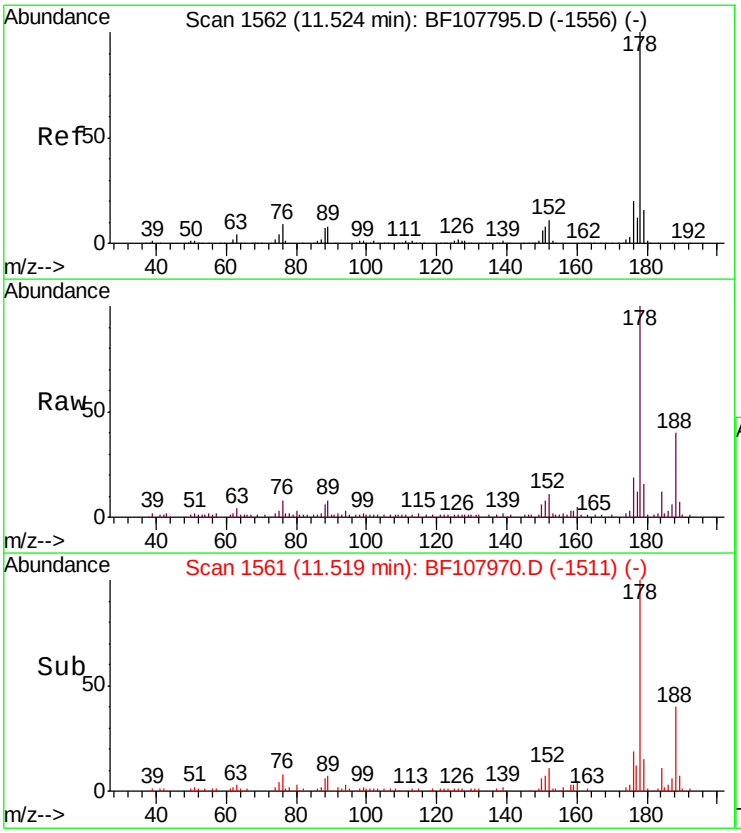
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107970.D
Acq: 4 Aug 2018 6:21

Instrument :
BNA_F
ClientSampleId :
GW-04DL

Tgt Ion:188 Resp: 257048

Ion	Ratio	Lower	Upper
188	100		
94	6.6	8.5	12.7#
80	8.6	9.2	13.8#

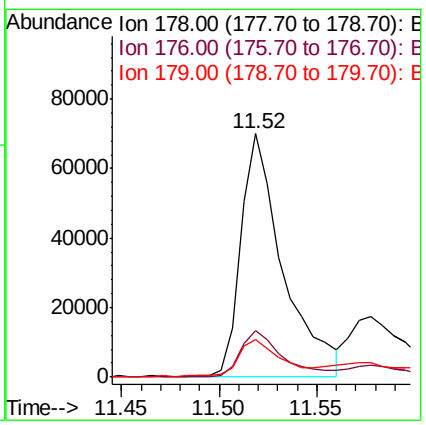


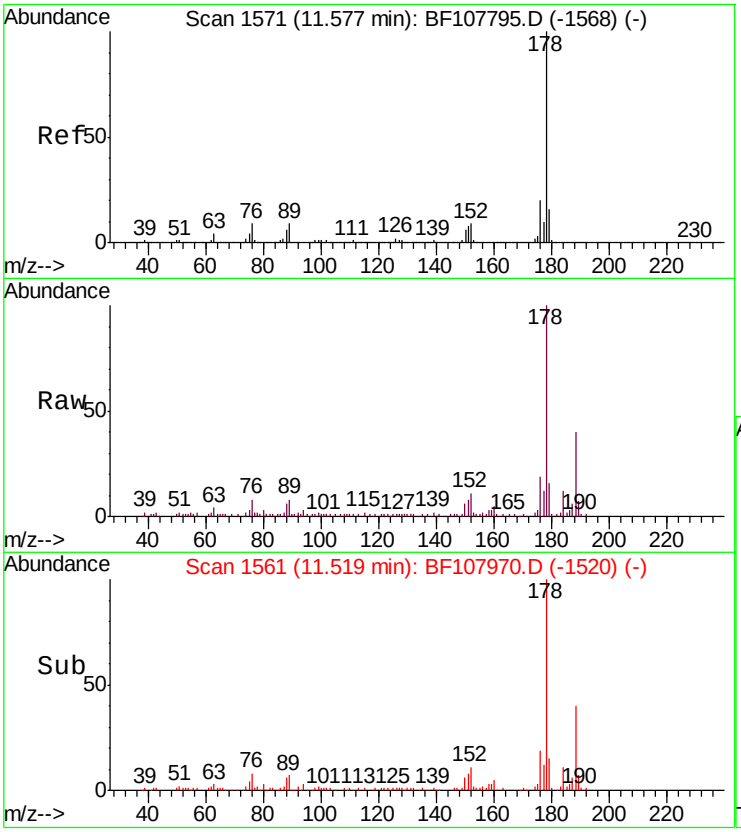


#70
Phenanthrene
Concen: 8.573 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107970.D
Acq: 4 Aug 2018 6:21

Tgt Ion:178 Resp: 104643

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.6	13.0	19.6



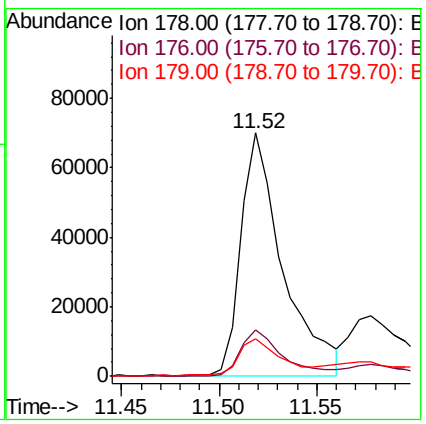


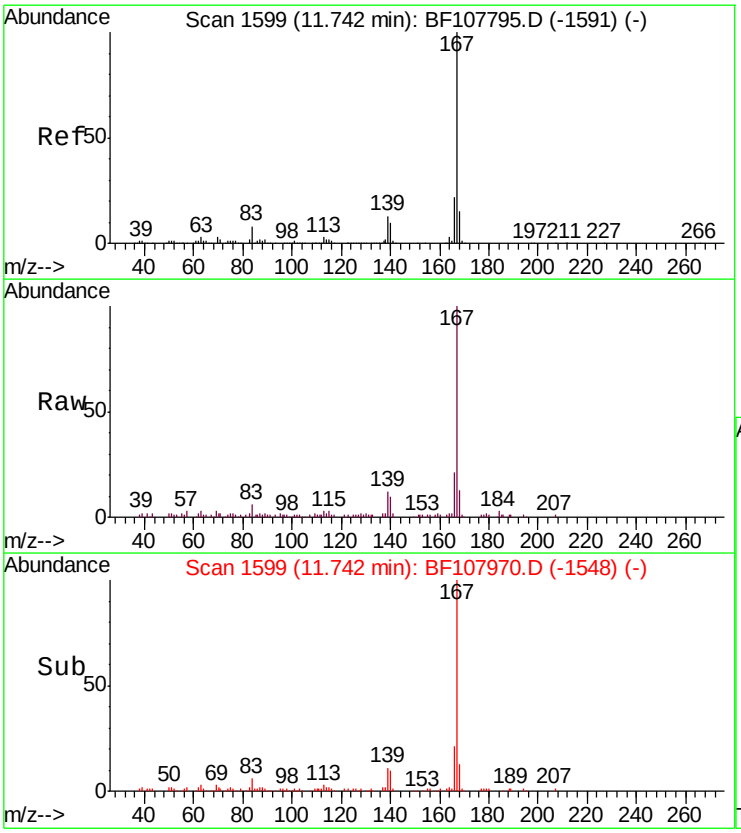
#71
Anthracene
Concen: 7.433 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.06 min
Lab File: BF107970.D
Acq: 4 Aug 2018 6:21

Instrument :
BNA_F
ClientSampleId :
GW-04DL

Tgt Ion:178 Resp: 104643

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.6	12.6	19.0

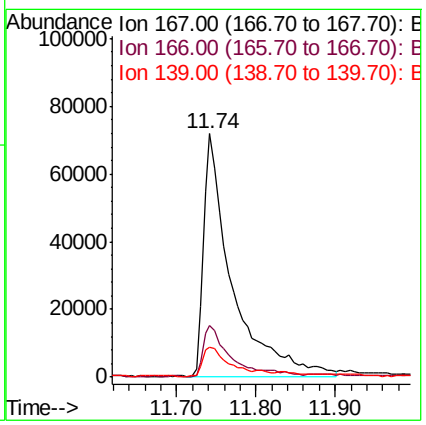


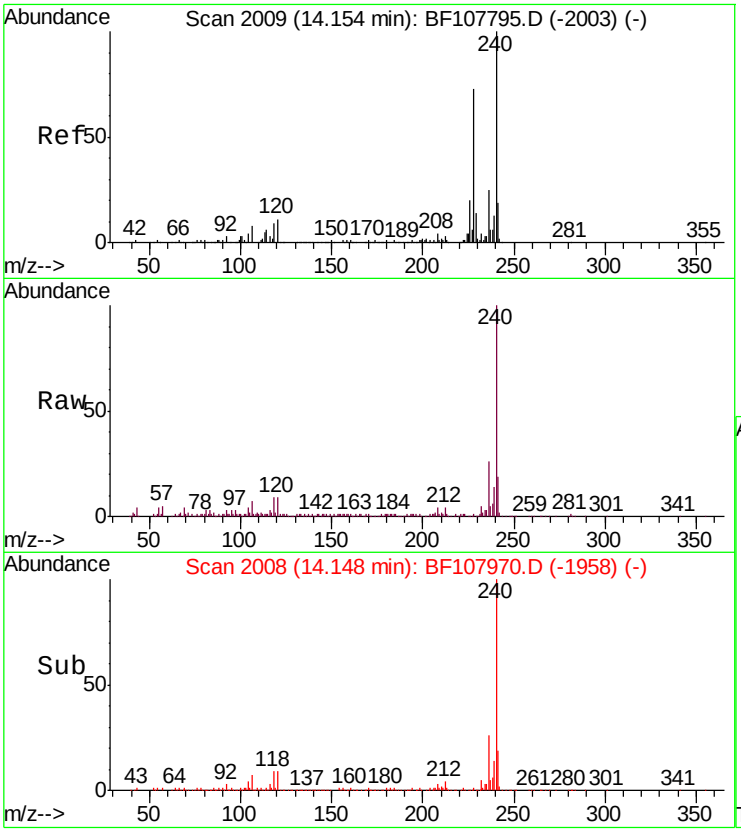


#72
Carbazole
Concen: 13.036 ng
RT: 11.74 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF107970.D
Acq: 4 Aug 2018 6:21

Tgt Ion:167 Resp: 181363

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.6	26.4
139	12.2	10.9	16.3



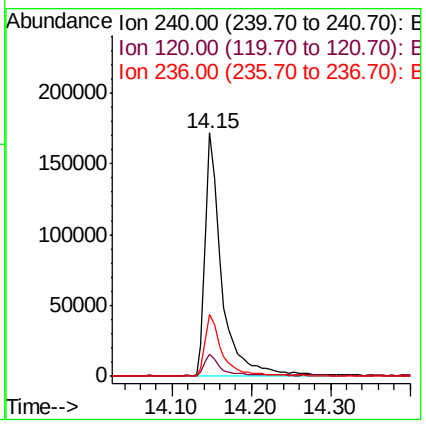


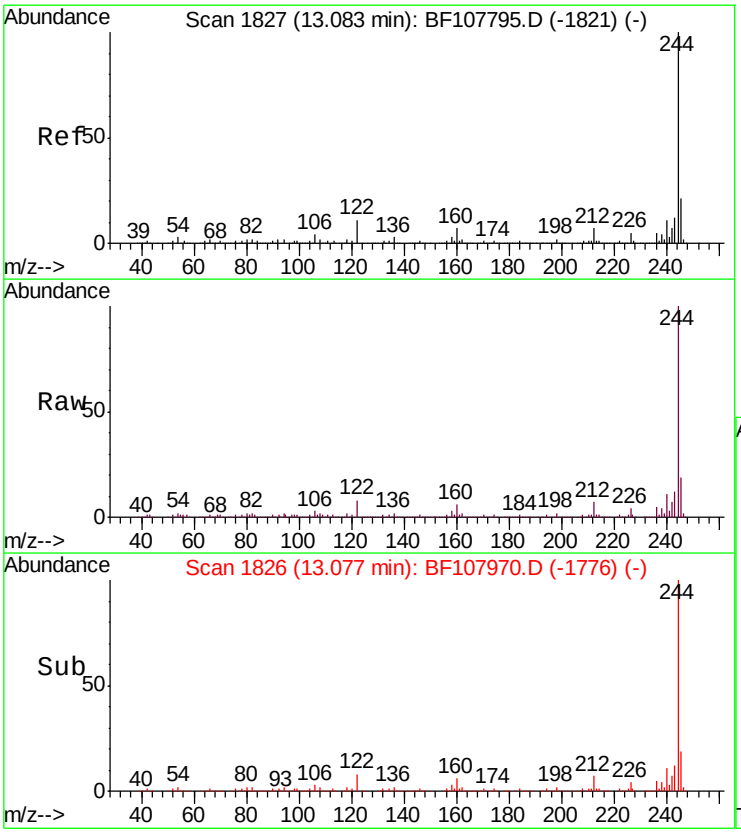
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107970.D
Acq: 4 Aug 2018 6:21

Instrument :
BNA_F
ClientSampleId :
GW-04DL

Tgt Ion:240 Resp: 255232

Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	25.6	20.7	31.1

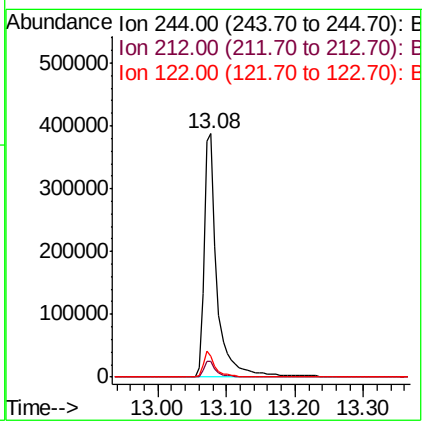


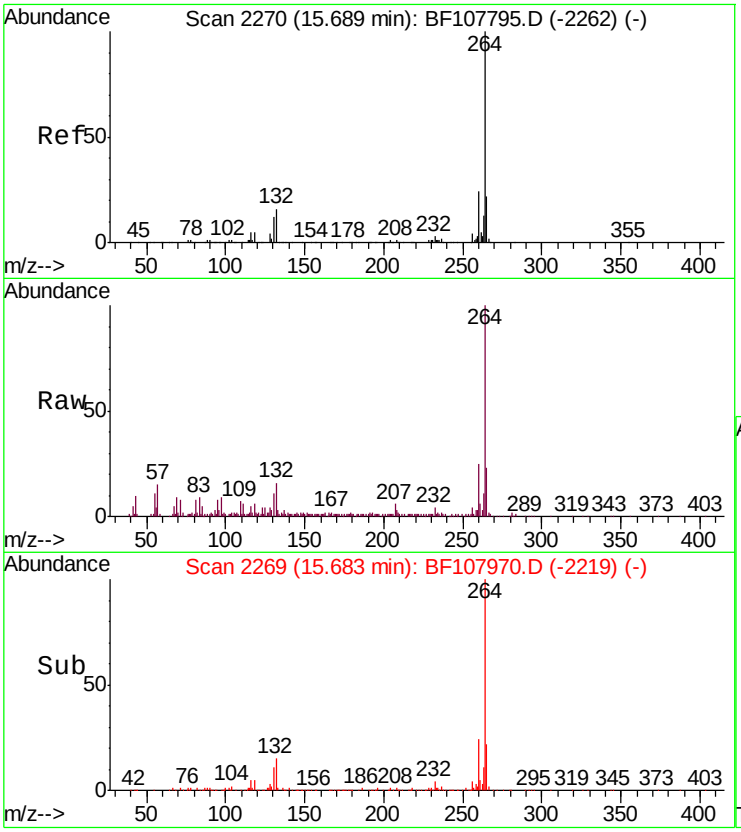


#78
Terphenyl-d14
Concen: 44.292 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107970.D
Acq: 4 Aug 2018 6:21

Tgt Ion:244 Resp: 521328

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	8.3	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF107970.D
Acq: 4 Aug 2018 6:21

Instrument :
BNA_F
ClientSampleId :
GW-04DL

Tgt Ion:264 Resp: 193182

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.7	17.5	26.3