Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073118\
Data File : BF107858.D
Acq On : 31 Jul 2018 19:13
Operator : JU/SJ
Sample : J4236-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-010-B

Quant Time: Aug 01 00:58:16 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	138226	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	543615	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	207967	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	380878	20.00	ng	0.00
75) Chrysene-d12	14.15	240	449226	20.00	ng	0.00
86) Perylene-d12	15.68	264	491271	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	483382	59.43	ng	0.00
7) Phenol-d6	6.60	99	646038	60.27	ng	0.00
23) Nitrobenzene-d5	7.52	82	368817	39.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	134250	47.51	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	687453	46.06	ng	0.00
78) Terphenyl-d14	13.08	244	663972	32.05	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.78	88	596	5.931	ng	# 1
19) n-Nitroso-di-n-propylamine	7.52	70	41295	6.073	ng	# 84
25) Isophorone	7.52	82	368817	23.811	ng	# 64
49) Dimethylphthalate	9.71	163	44426	2.844	ng	97
50) 2,6-Dinitrotoluene	10.00	165	25549	7.527	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	26374	5.912	ng	# 23
83) Bis(2-ethylhexyl)phthalate	14.10	149	54103	3.038	ng	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073118\
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FK-GF-01-010-B

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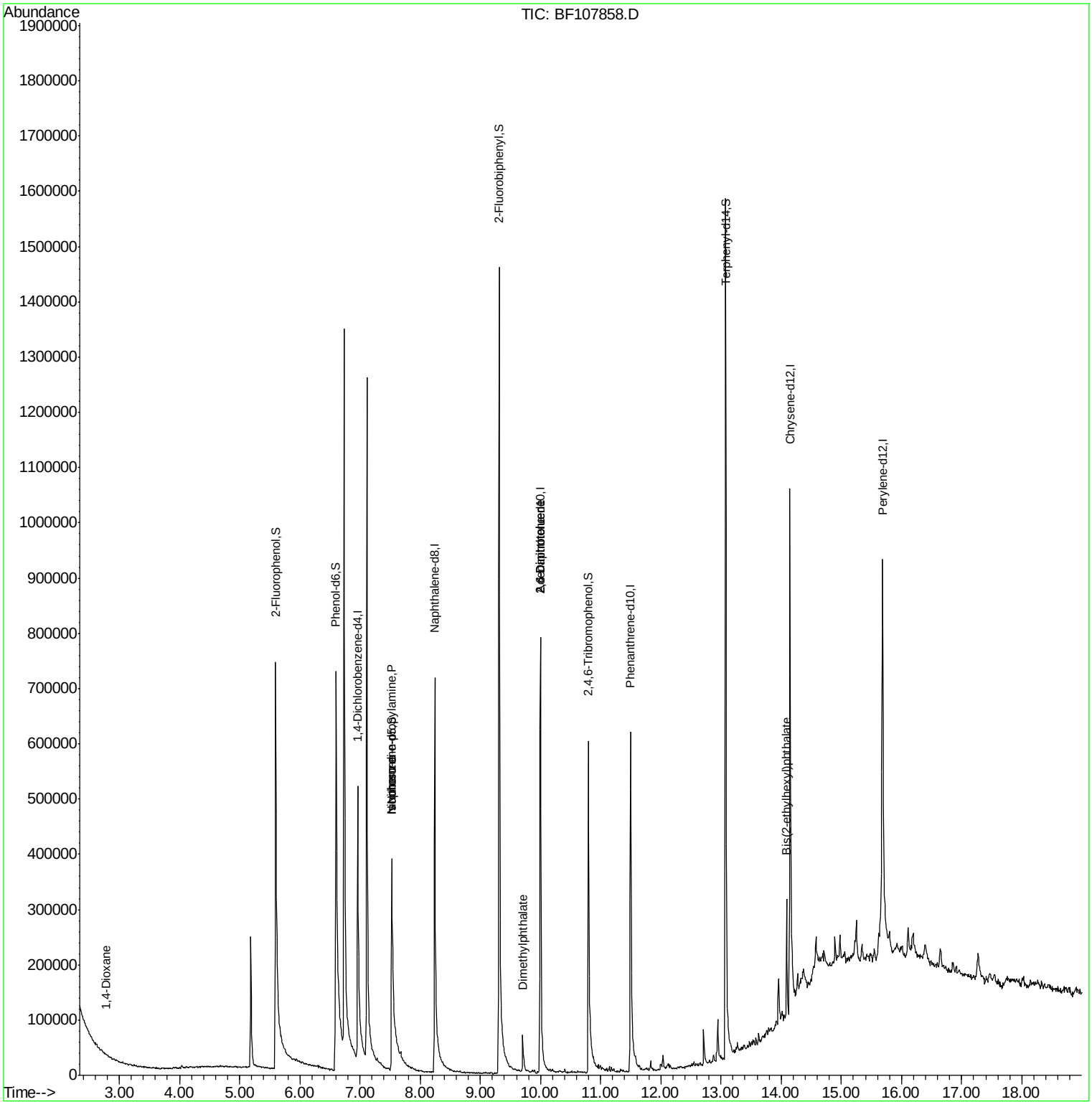
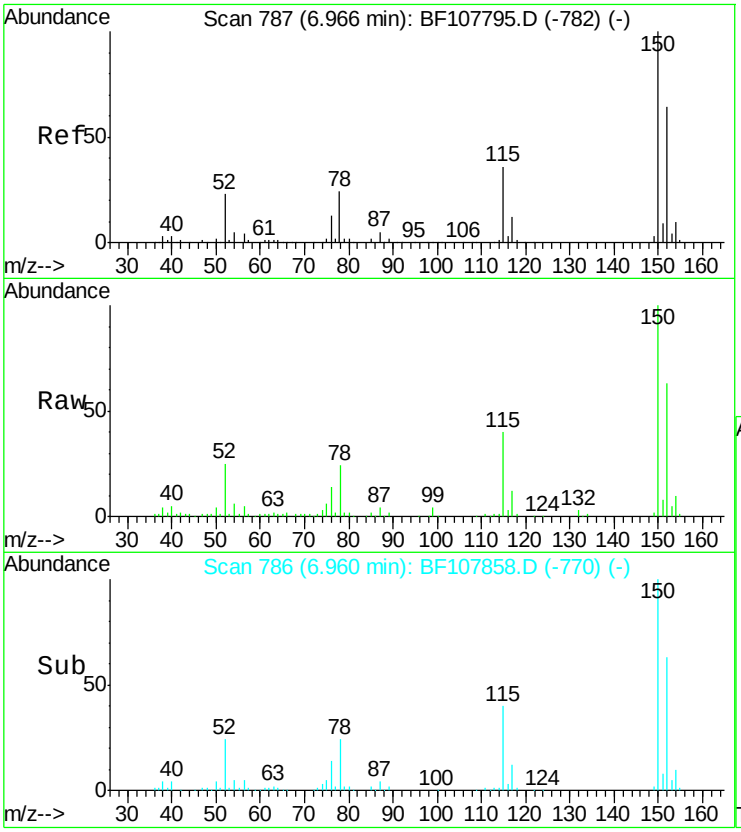


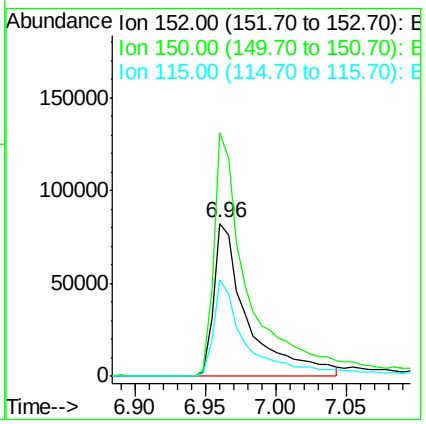


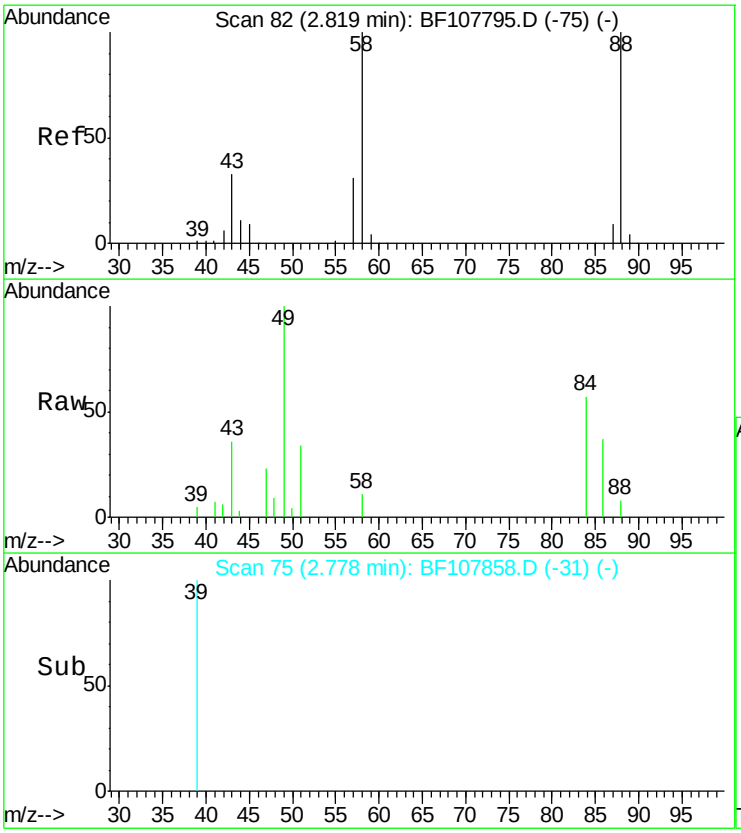
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107858.D
Acq: 31 Jul 2018 19:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-B

Tgt Ion:152 Resp: 138226

Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	63.2	50.1	75.1

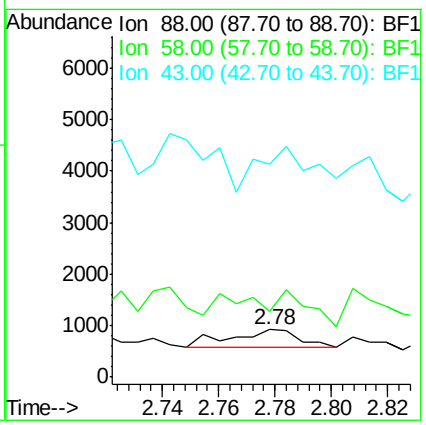


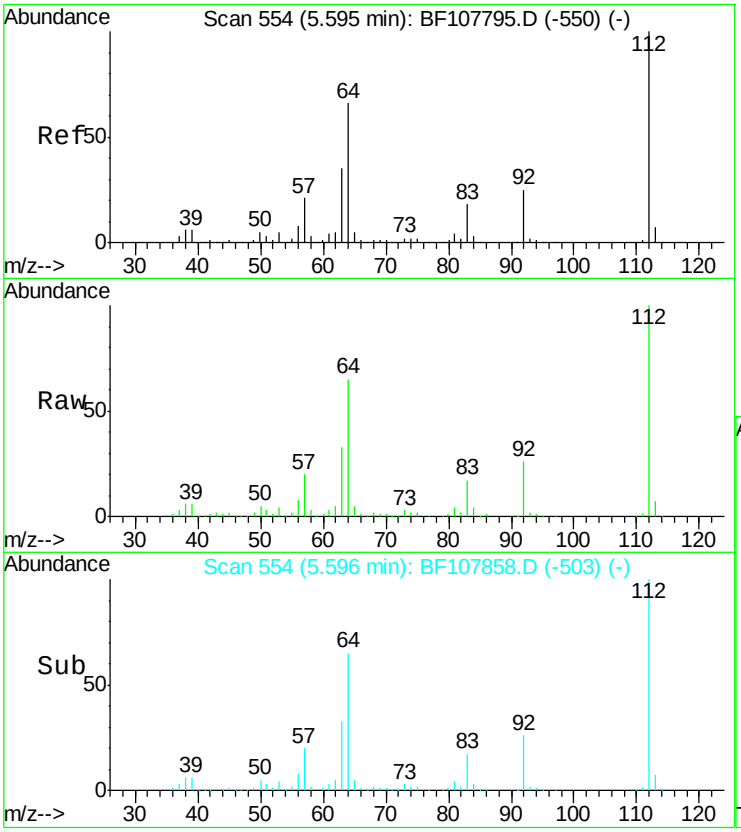


#2
1,4-Dioxane
Concen: 5.931 ng
RT: 2.78 min Scan# 75
Delta R.T. -0.04 min
Lab File: BF107858.D
Acq: 31 Jul 2018 19:13

Tgt Ion: 88 Resp: 596

Ion	Ratio	Lower	Upper
88	100		
58	0.0	62.6	93.8#
43	202.7	24.6	37.0#



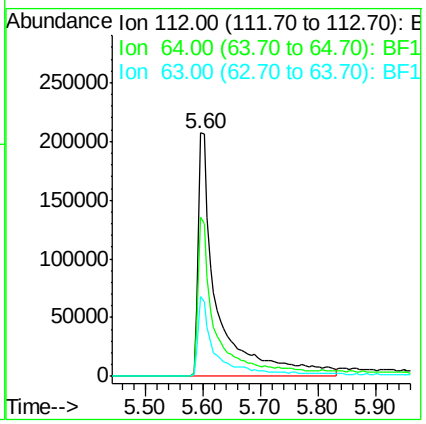


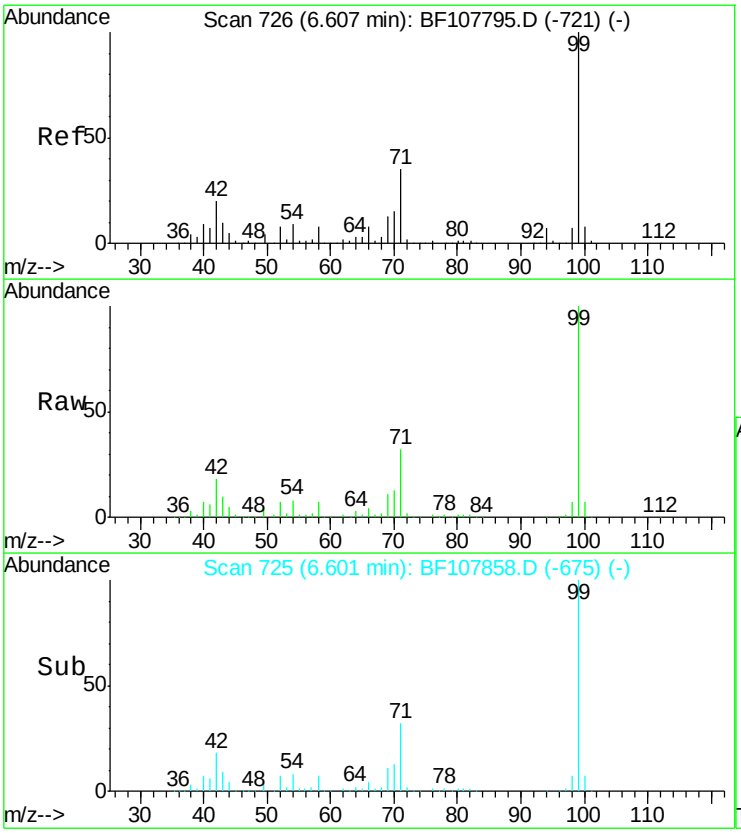
#5
2-Fluorophenol
Concen: 59.434 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF107858.D
Acq: 31 Jul 2018 19:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-B

Tgt Ion:112 Resp: 483382

Ion	Ratio	Lower	Upper
112	100		
64	65.5	47.9	71.9
63	33.0	23.7	35.5

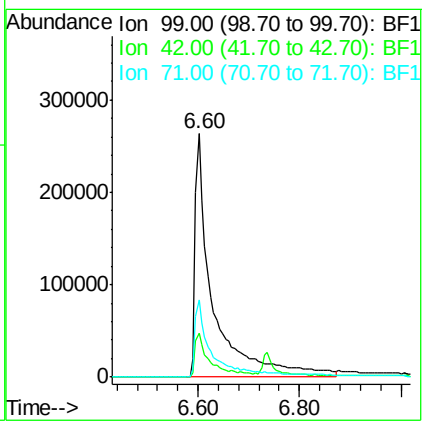


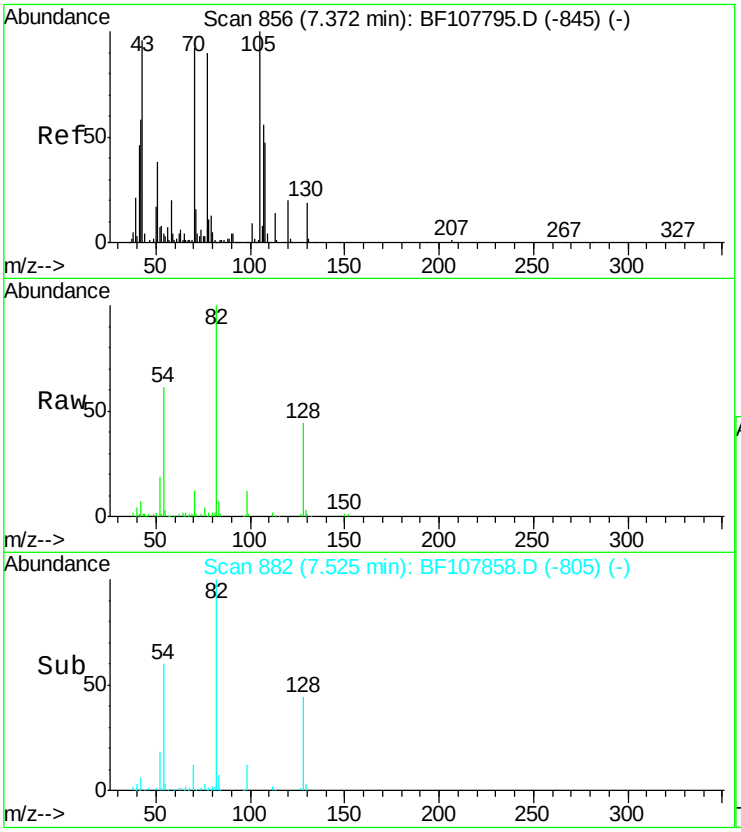


#7
Phenol-d6
Concen: 60.271 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107858.D
Acq: 31 Jul 2018 19:13

Tgt Ion: 99 Resp: 646038

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.5	21.7
71	31.7	25.4	38.0



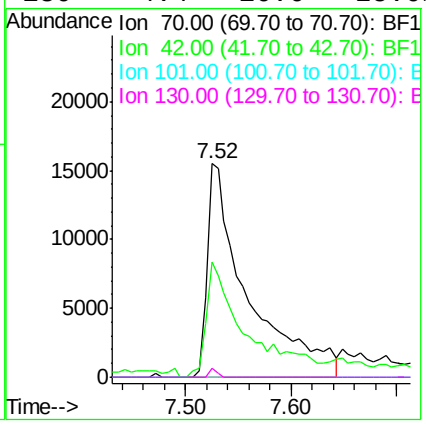


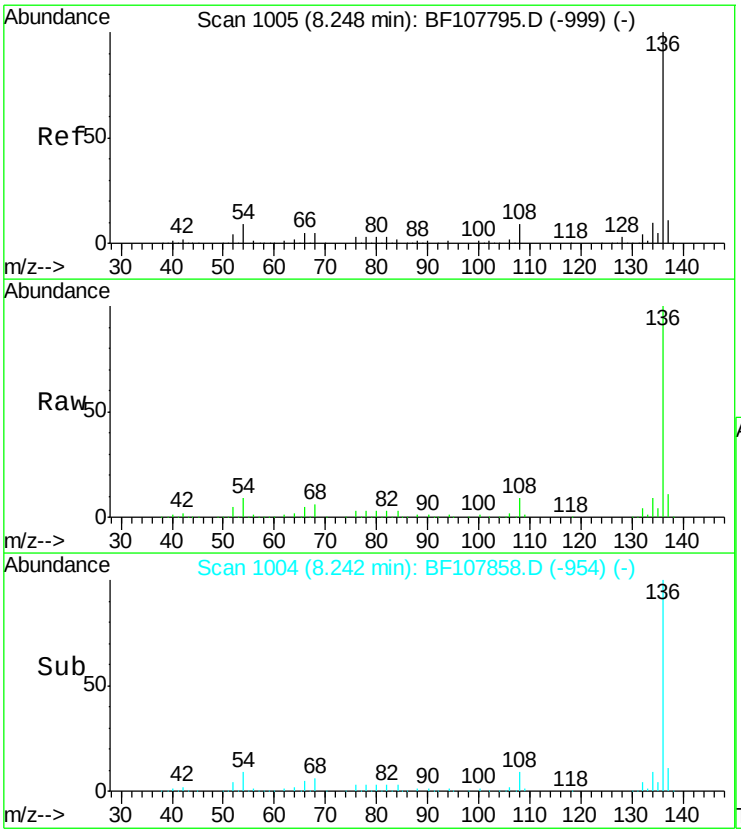
#19
n-Nitroso-di-n-propylamine
Concen: 6.073 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF107858.D
Acq: 31 Jul 2018 19:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-B

Tgt Ion: 70 Resp: 41295

Ion	Ratio	Lower	Upper
70	100		
42	53.8	47.5	71.3
101	0.0	7.4	11.2#
130	4.4	16.6	25.0#

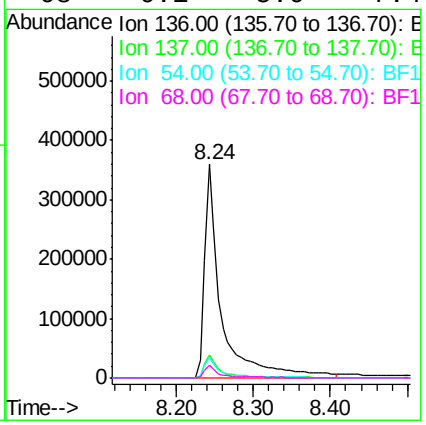


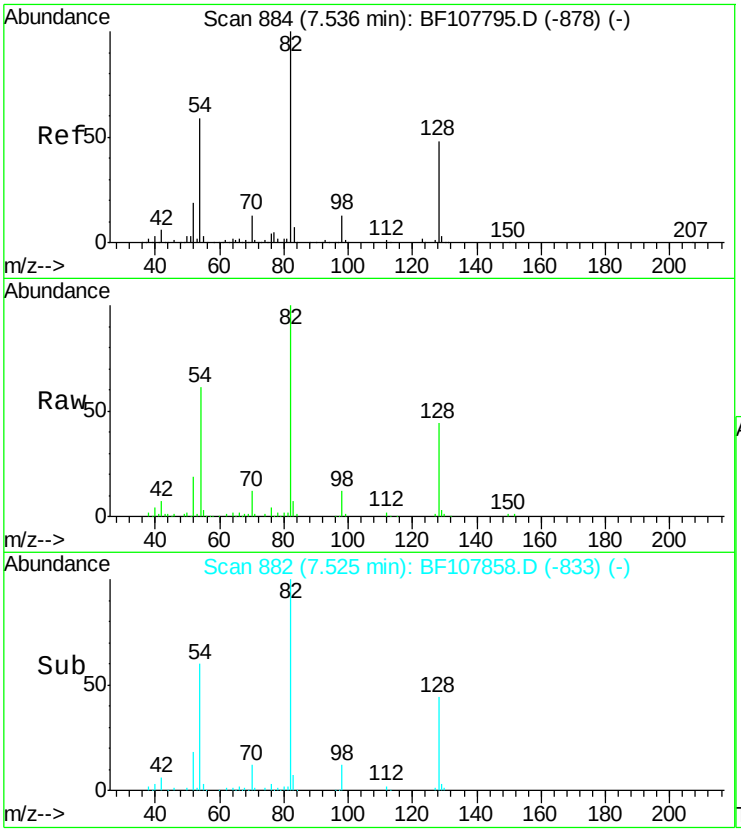


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107858.D
Acq: 31 Jul 2018 19:13

Tgt Ion:136 Resp: 543615

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.5	6.6	9.8
68	6.1	5.0	7.4



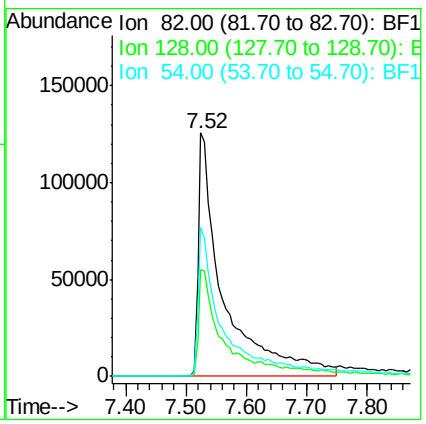


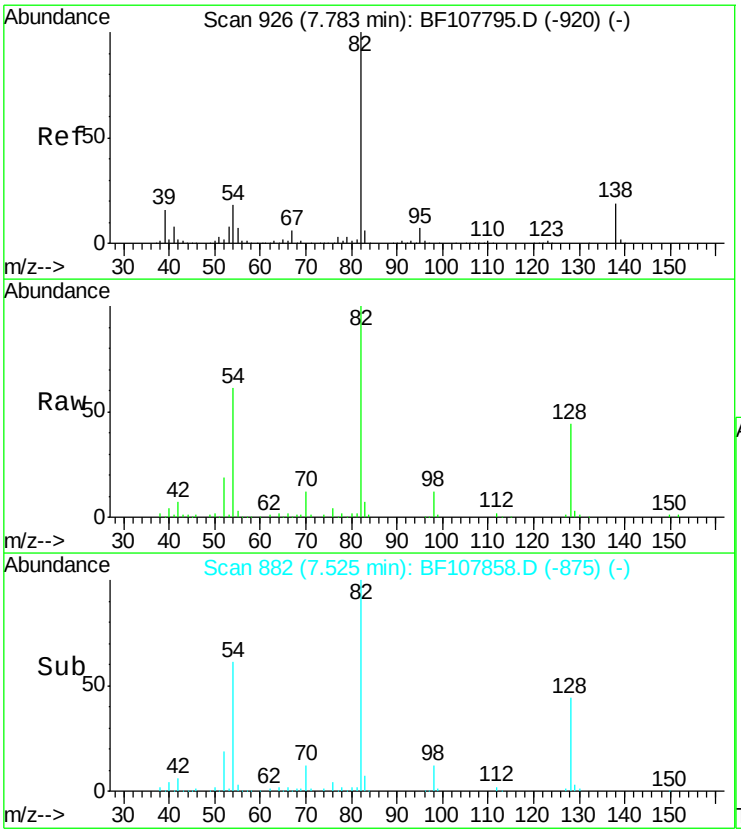
#23
Nitrobenzene-d5
Concen: 39.086 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107858.D
Acq: 31 Jul 2018 19:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-B

Tgt Ion: 82 Resp: 368817

Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	60.9	41.4	62.2

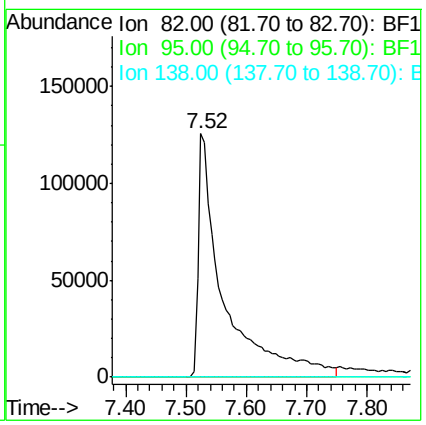


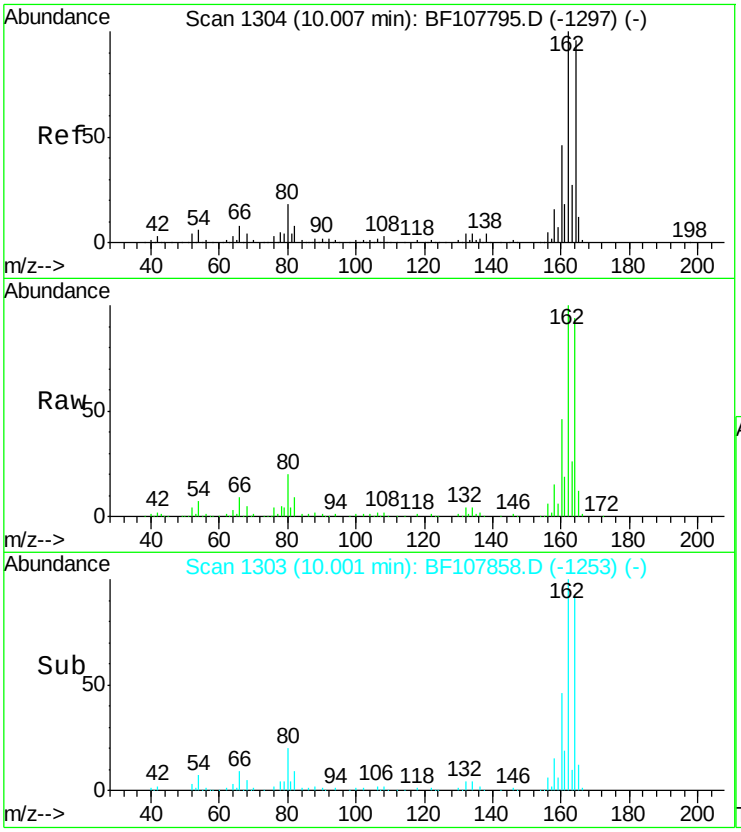


#25
Isophorone
Concen: 23.811 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF107858.D
Acq: 31 Jul 2018 19:13

Tgt Ion: 82 Resp: 368817

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



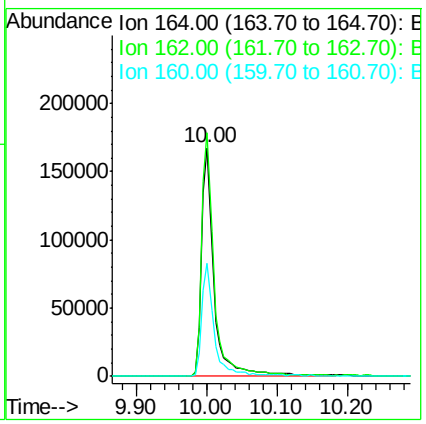


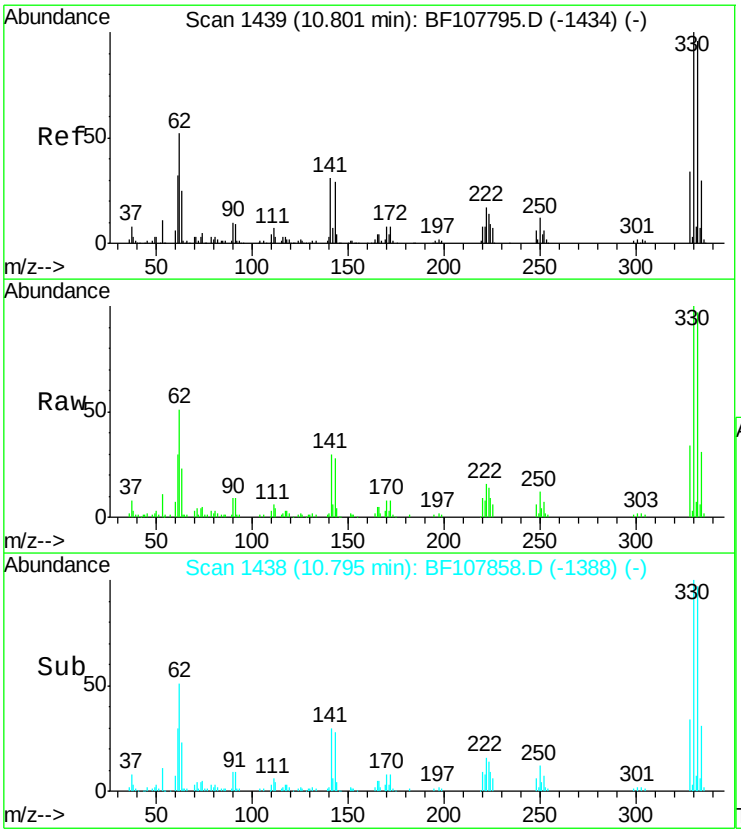
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107858.D
Acq: 31 Jul 2018 19:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-B

Tgt Ion:164 Resp: 207967

Ion	Ratio	Lower	Upper
164	100		
162	106.4	86.1	129.1
160	49.1	38.3	57.5

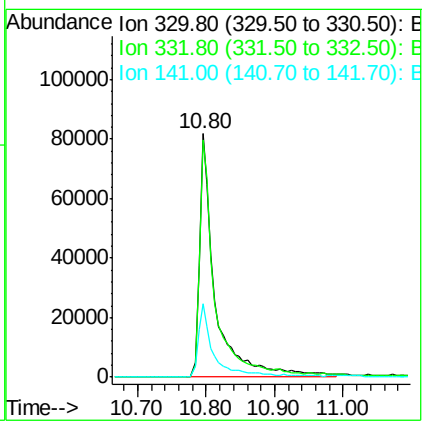


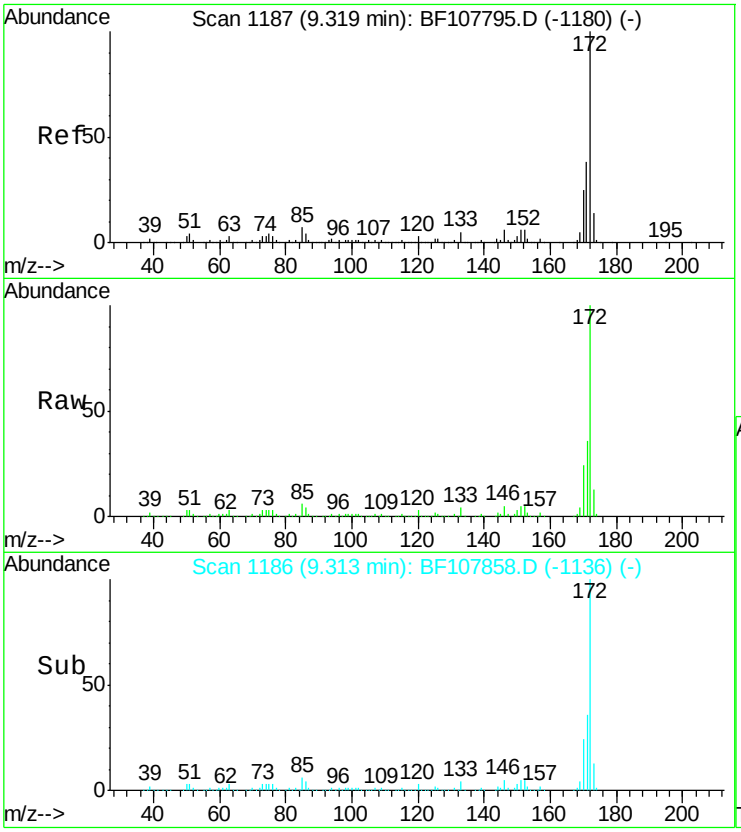


#41
2,4,6-Tribromophenol
Concen: 47.508 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107858.D
Acq: 31 Jul 2018 19:13

Tgt Ion:330 Resp: 134250

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	26.6	29.9	44.9#



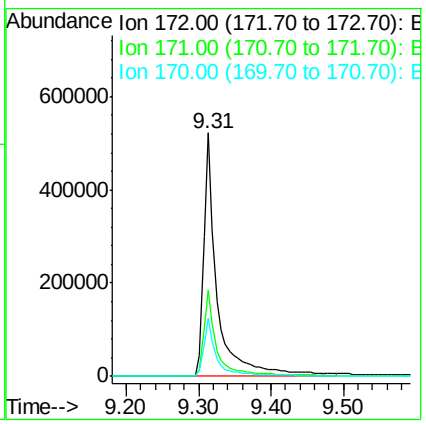


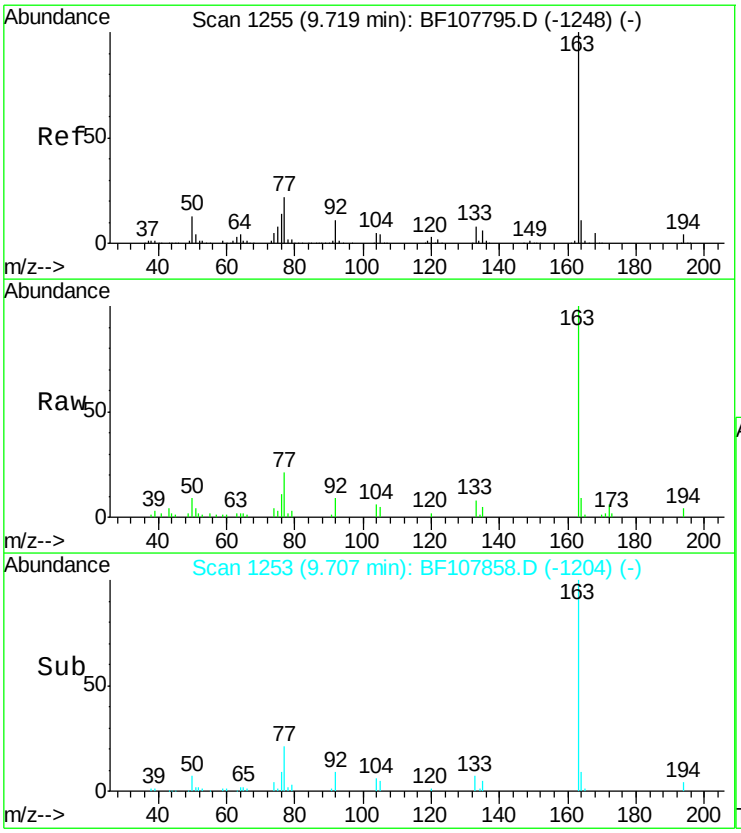
#44
2-Fluorobiphenyl
Concen: 46.063 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107858.D
Acq: 31 Jul 2018 19:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-B

Tgt Ion:172 Resp: 687453

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.6	19.6	29.4

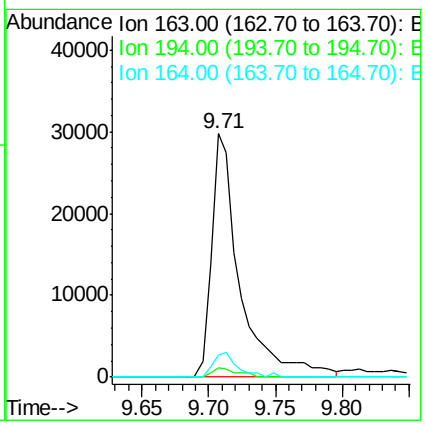


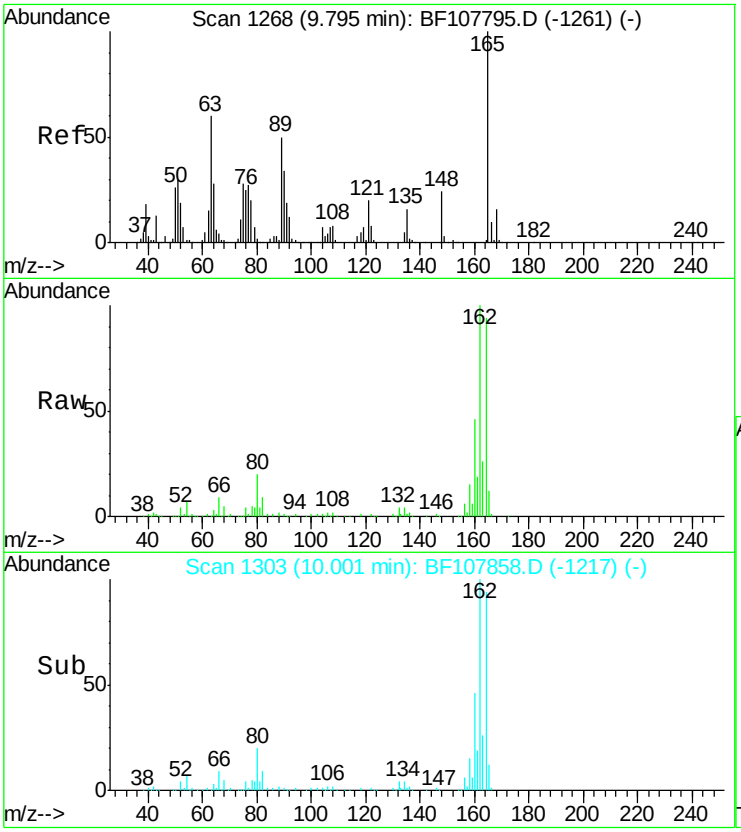


#49
Dimethylphthalate
Concen: 2.844 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107858.D
Acq: 31 Jul 2018 19:13

Tgt Ion:163 Resp: 44426

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.1	8.2	12.2



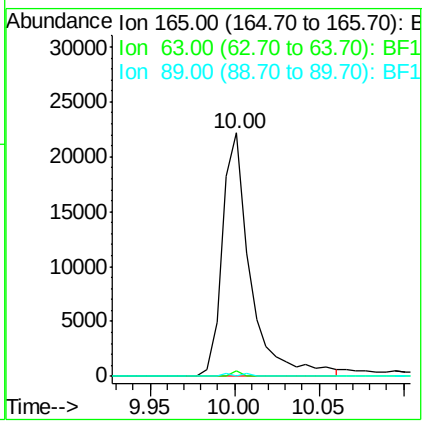


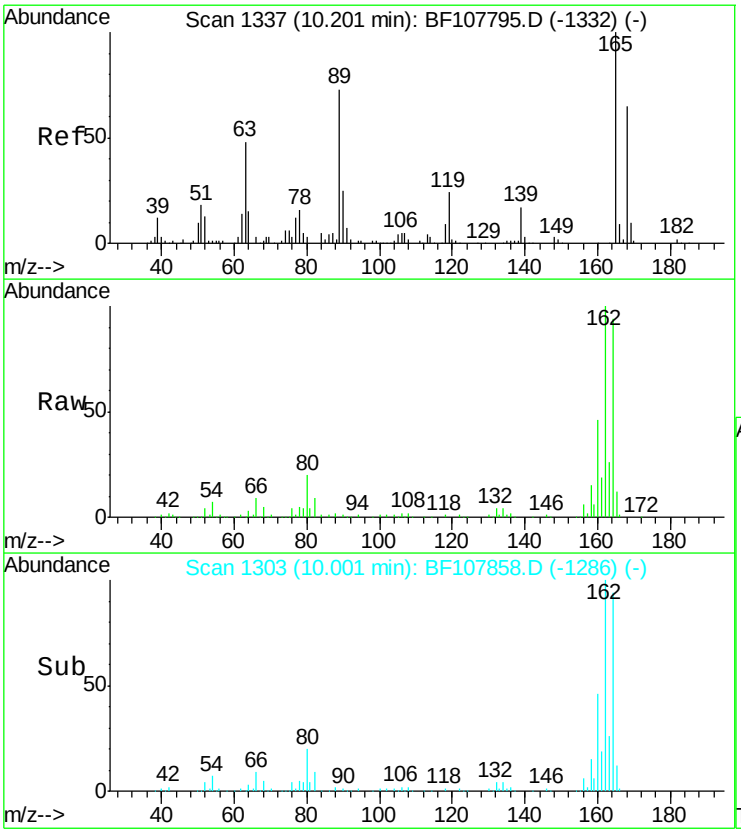
#50
2,6-Dinitrotoluene
Concen: 7.527 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF107858.D
Acq: 31 Jul 2018 19:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-B

Tgt Ion:165 Resp: 25549

Ion	Ratio	Lower	Upper
165	100		
63	2.2	44.7	67.1#
89	0.0	44.0	66.0#

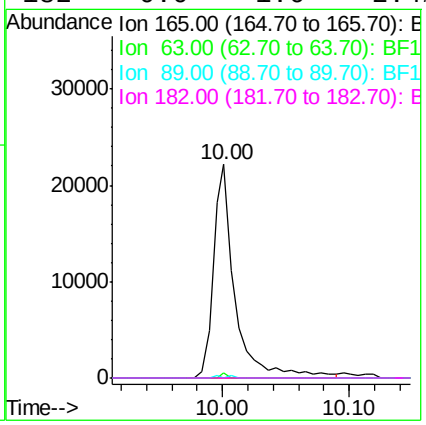


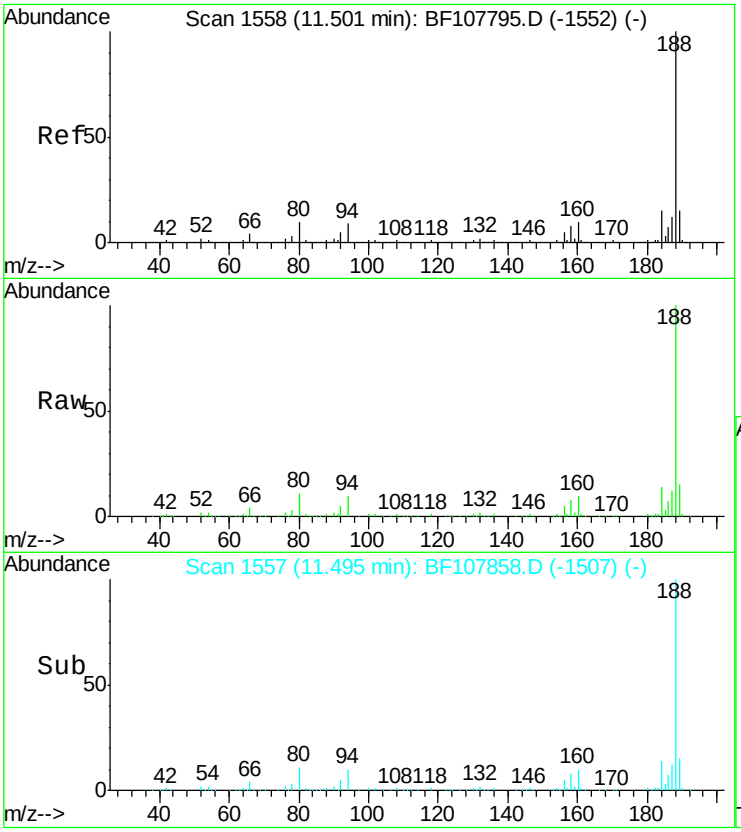


#56
2,4-Dinitrotoluene
Concen: 5.912 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF107858.D
Acq: 31 Jul 2018 19:13

Tgt Ion:165 Resp: 26374

Ion	Ratio	Lower	Upper
165	100		
63	2.2	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



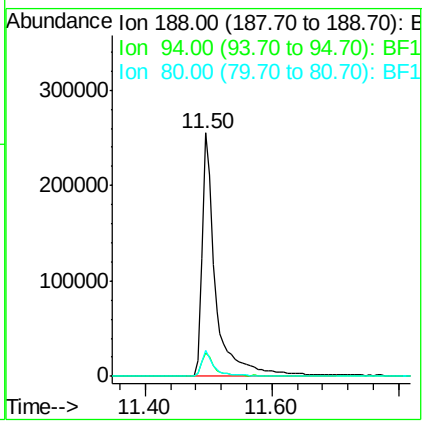


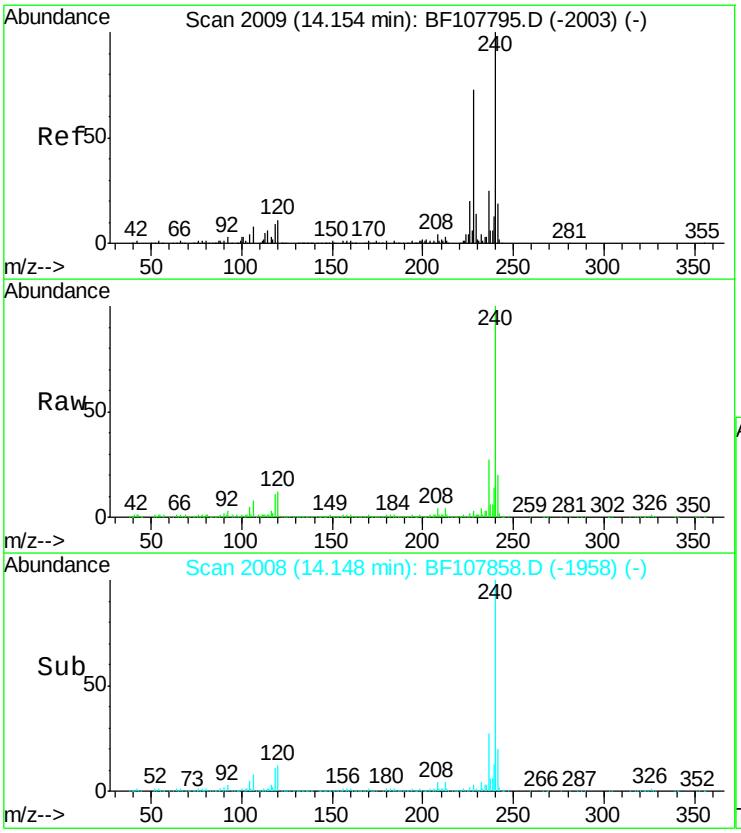
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107858.D
Acq: 31 Jul 2018 19:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-B

Tgt Ion:188 Resp: 380878

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.9	9.2	13.8

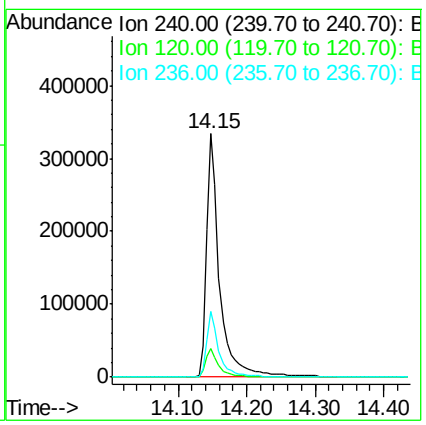


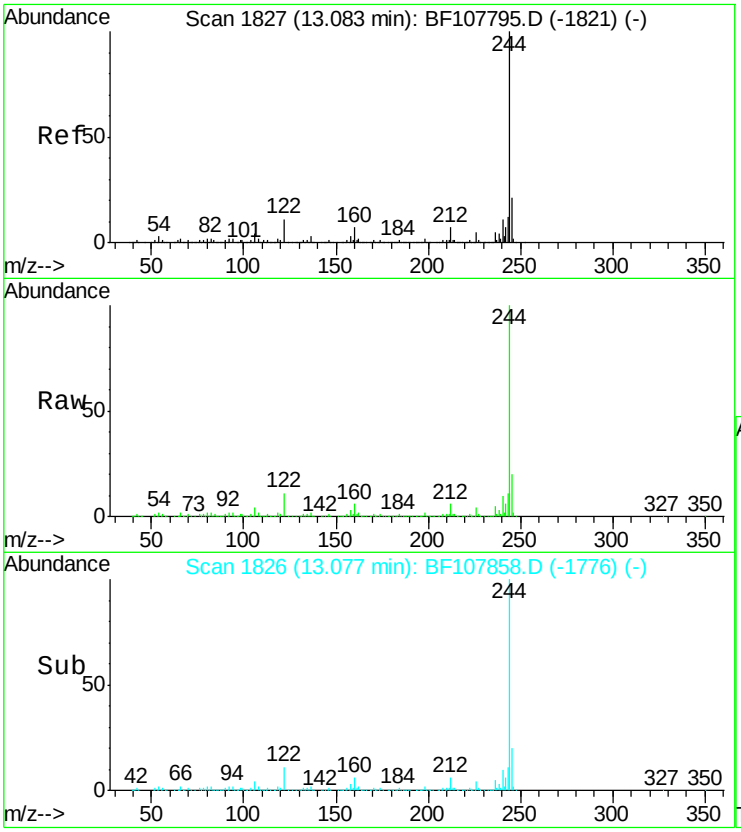


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107858.D
Acq: 31 Jul 2018 19:13

Tgt Ion:240 Resp: 449226

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	26.7	20.7	31.1



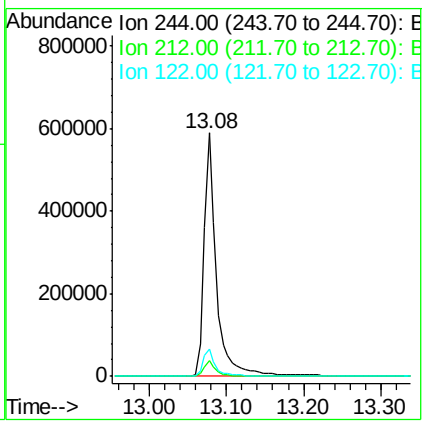


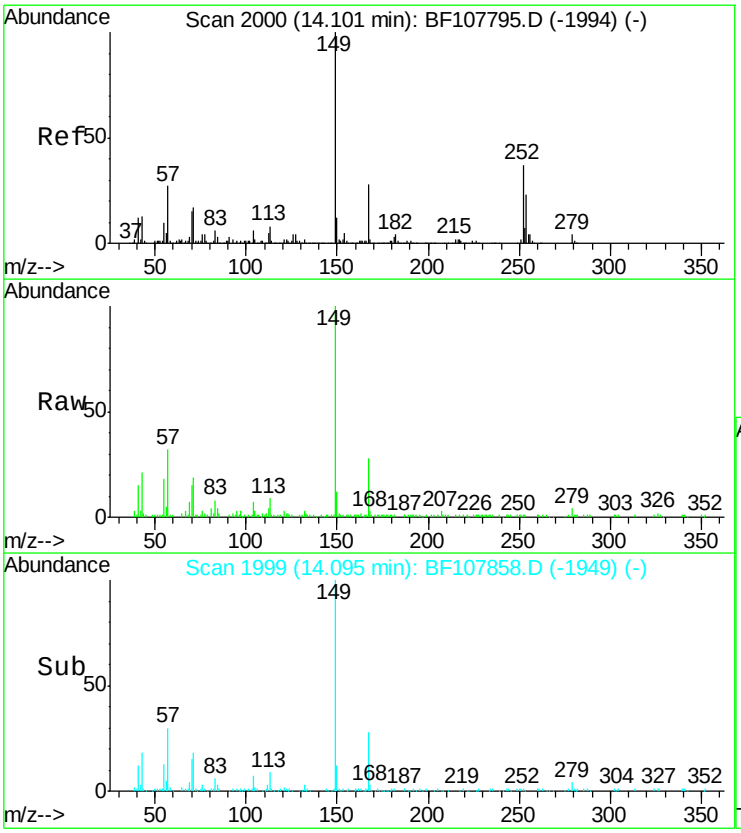
#78
Terphenyl-d14
Concen: 32.050 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107858.D
Acq: 31 Jul 2018 19:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-B

Tgt Ion:244 Resp: 663972

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	11.0	11.0	16.4

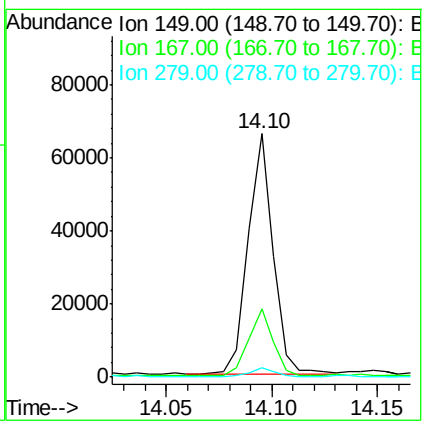


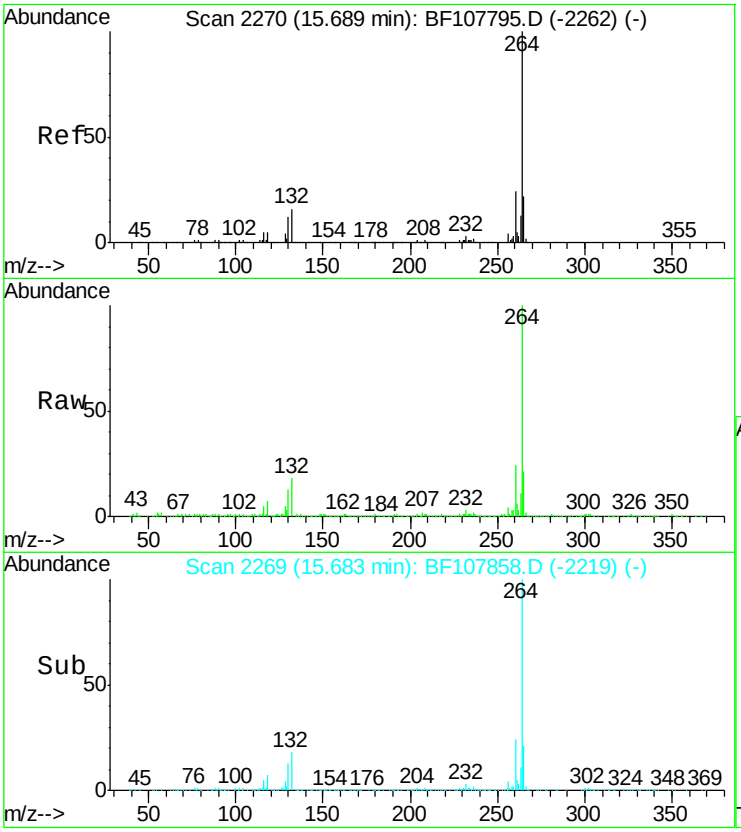


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.038 ng
RT: 14.10 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF107858.D
Acq: 31 Jul 2018 19:13

Tgt Ion:149 Resp: 54103

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.3	31.9
279	4.1	3.0	4.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF107858.D
Acq: 31 Jul 2018 19:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-B

Tgt Ion:264 Resp: 491271

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.4	17.5	26.3