Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073118\
Data File : BF107859.D
Acq On : 31 Jul 2018 19:40
Operator : JU/SJ
Sample : J4143-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-02(3-5)

Quant Time: Aug 01 00:58:28 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	171493	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	782040	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	348430	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	663191	20.00	ng		0.00
75) Chrysene-d12	14.15	240	439687	20.00	ng		0.00
86) Perylene-d12	15.69	264	519037	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	481963	47.76	ng		0.00
7) Phenol-d6	6.60	99	707483	53.20	ng		0.00
23) Nitrobenzene-d5	7.52	82	435410	32.08	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	201378	42.53	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	894869	35.79	ng		0.00
78) Terphenyl-d14	13.08	244	756464	37.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	304	5.850	ng	#	1
3) Pyridine	3.72	79	378	6.282	ng	#	1
19) n-Nitroso-di-n-propylamine	7.52	70	45029	5.338	ng	#	79
25) Isophorone	7.52	82	435410	19.540	ng	#	64
48) Acenaphthylene	9.87	152	111570	3.010	ng		98
49) Dimethylphthalate	9.71	163	74562	2.849	ng		100
50) 2,6-Dinitrotoluene	10.00	165	44731	7.866	ng	#	26
55) 4-Nitrophenol	10.21	139	4562	10.508	ng	#	9
56) 2,4-Dinitrotoluene	10.00	165	46385	6.206	ng	#	24
70) Phenanthrene	11.52	178	231593	7.354	ng		98
71) Anthracene	11.58	178	103878	2.860	ng		96
74) Fluoranthene	12.71	202	557102	15.059	ng		98
77) Pyrene	12.95	202	552211	17.441	ng		97
80) Benzo(a)anthracene	14.18	228	320733	12.877	ng		96
82) Chrysene	14.18	228	320733	11.939	ng		98
85) Indeno(1,2,3-cd)pyrene	17.27	276	254750	12.467	ng	#	88
87) Benzo(b)fluoranthene	15.23	252	677716	26.474	ng		96
88) Benzo(k)fluoranthene	15.23	252	677716	21.563	ng		99
89) Benzo(a)pyrene	15.62	252	402663	15.237	ng		97
91) Benzo(g,h,i)perylene	17.75	276	229243	10.278	ng		96

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-02(3-5)

Quant Time: Aug 01 00:58:28 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
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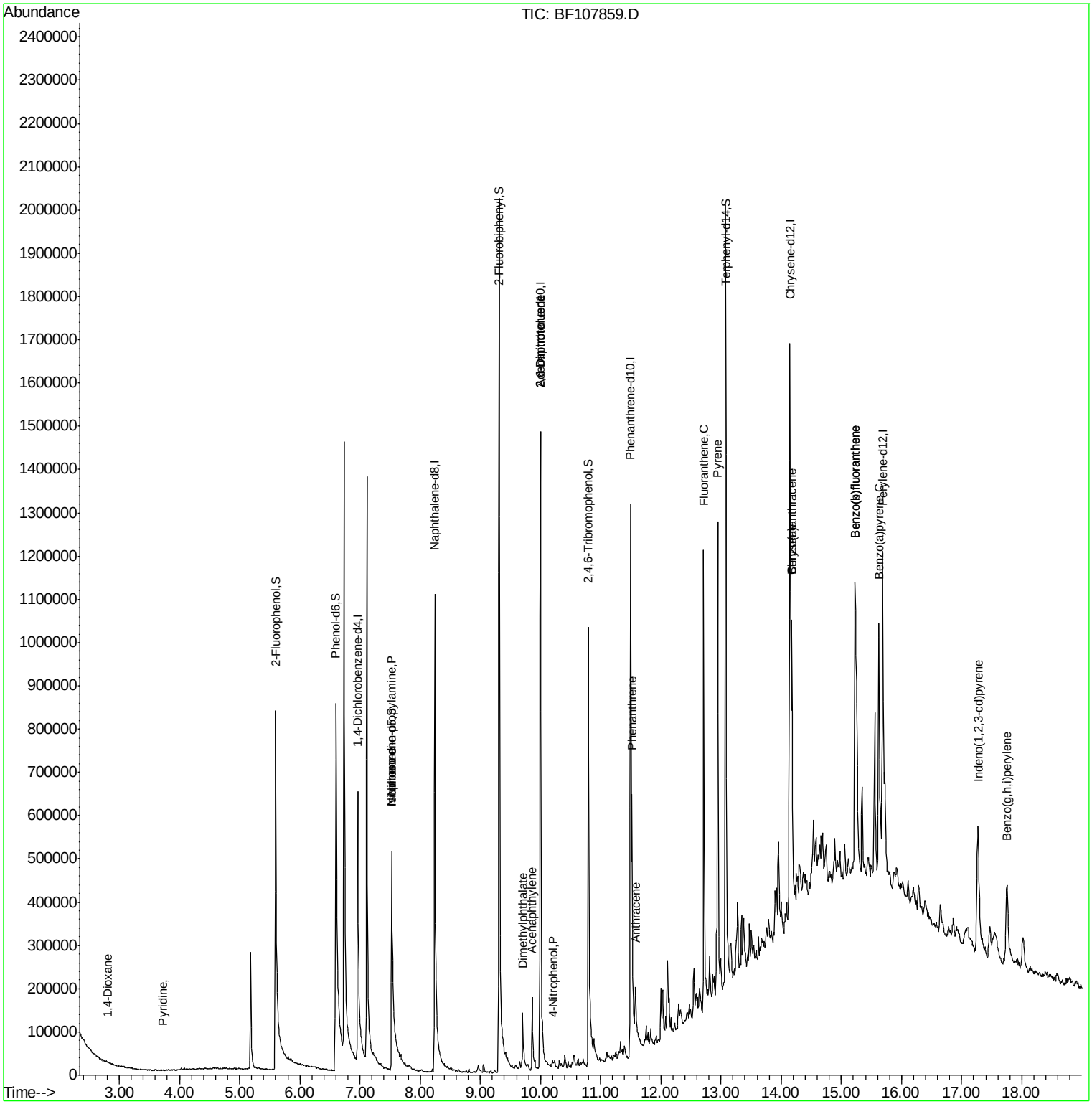
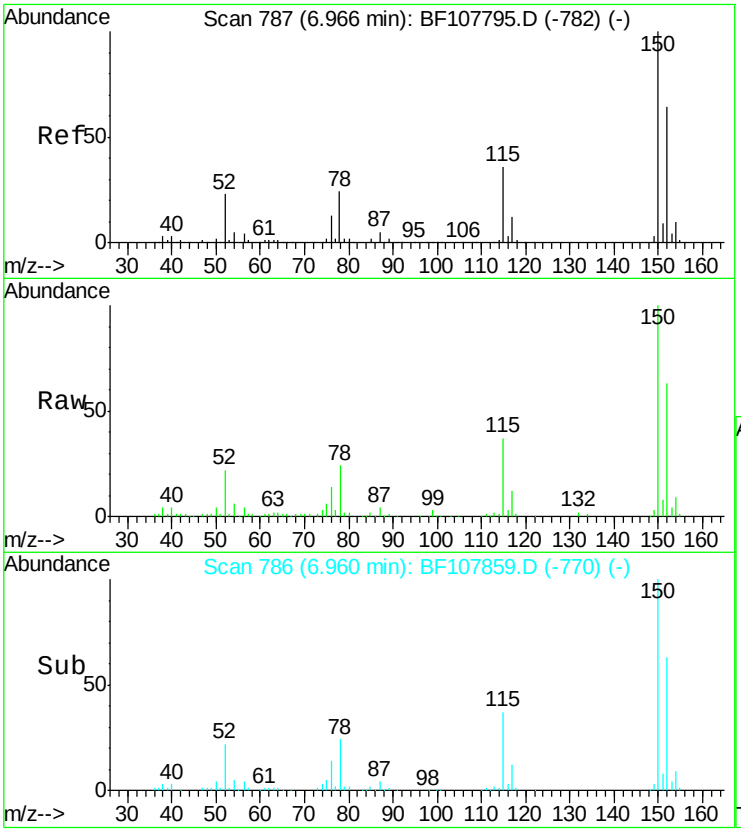


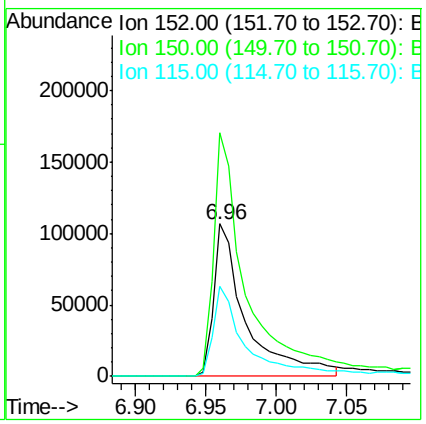


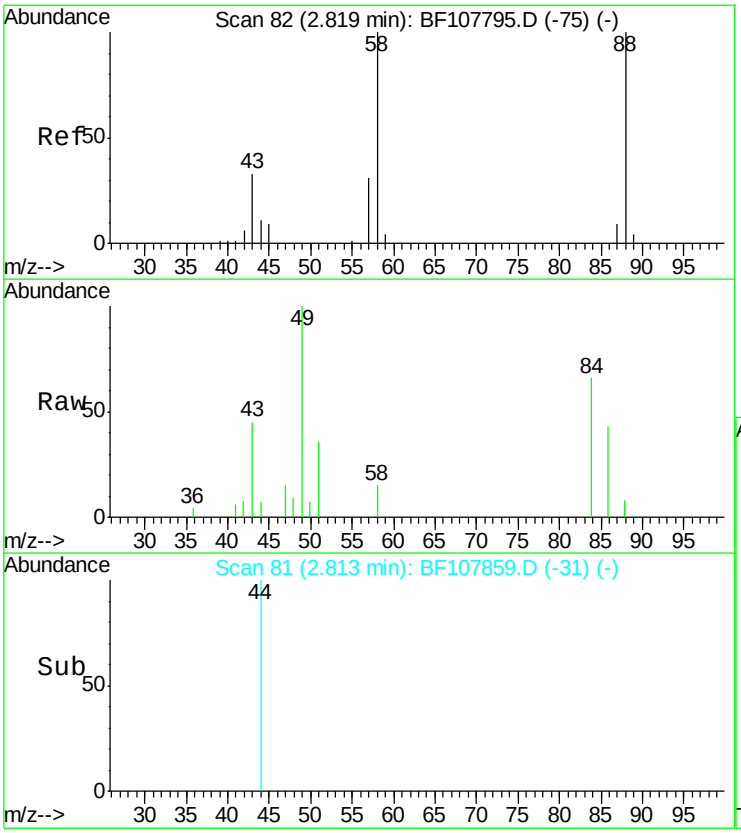
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Instrument :
BNA_F
ClientSampleId :
GW-02(3-5)

Tgt Ion:152 Resp: 171493

Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	59.3	50.1	75.1

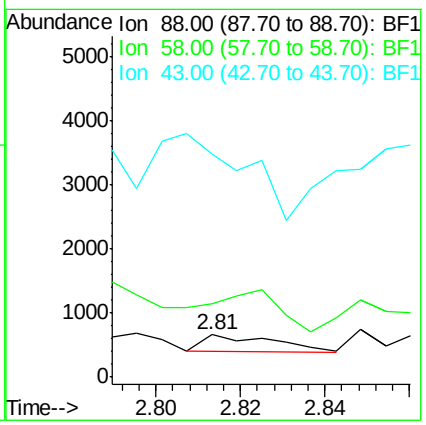


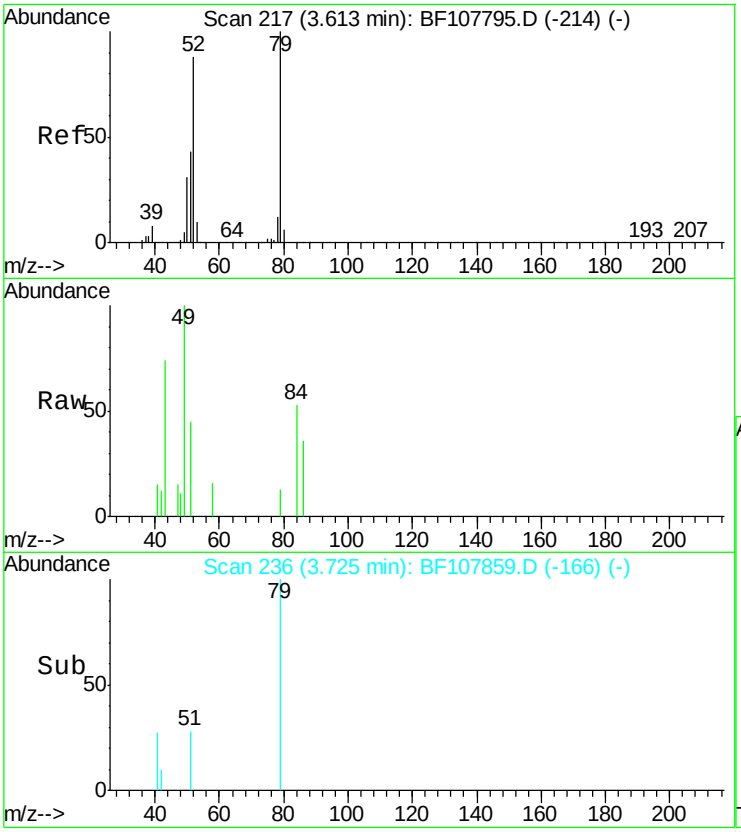


#2
1,4-Dioxane
Concen: 5.850 ng
RT: 2.81 min Scan# 81
Delta R.T. -0.01 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Tgt Ion: 88 Resp: 304

Ion	Ratio	Lower	Upper
88	100		
58	226.3	62.6	93.8#
43	620.1	24.6	37.0#



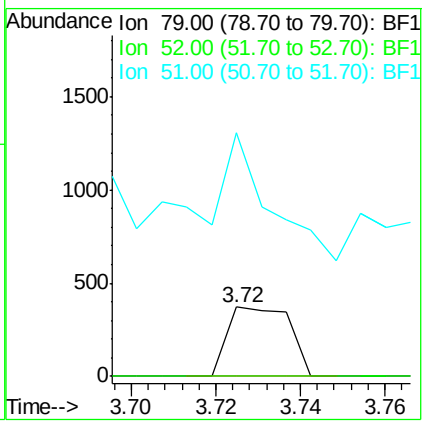


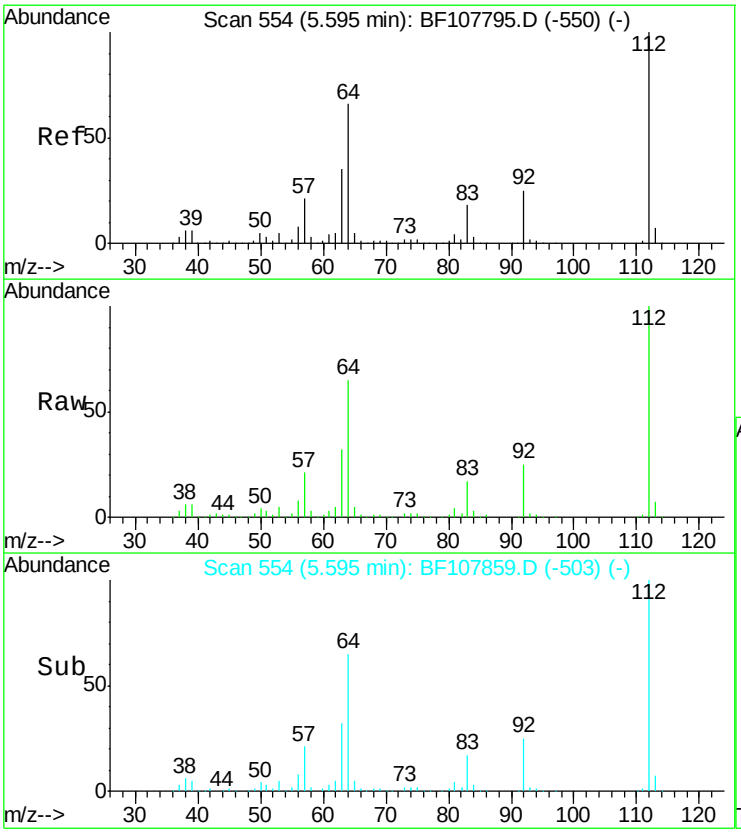
#3
Pyridine
Concen: 6.282 ng
RT: 3.72 min Scan# 236
Delta R.T. 0.11 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Instrument :
BNA_F
ClientSampleId :
GW-02(3-5)

Tgt Ion: 79 Resp: 378

Ion	Ratio	Lower	Upper
79	100		
52	0.0	59.8	89.6#
51	351.1	29.8	44.8#

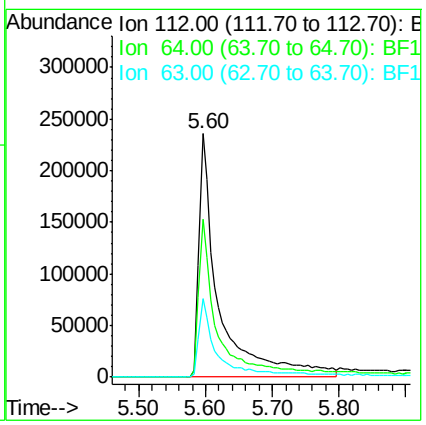


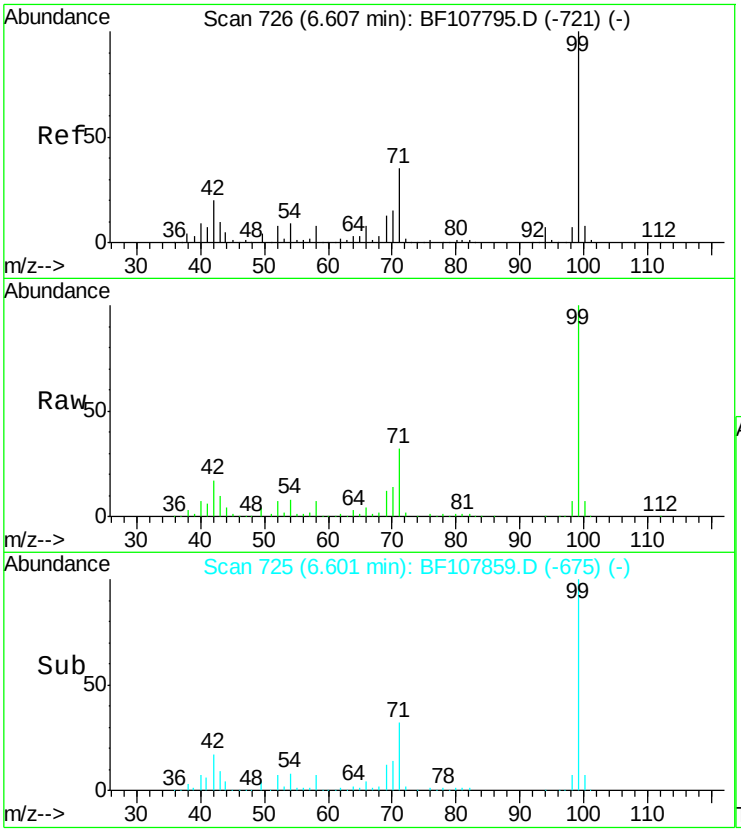


#5
2-Fluorophenol
Concen: 47.764 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Tgt Ion:112 Resp: 481963

Ion	Ratio	Lower	Upper
112	100		
64	64.8	47.9	71.9
63	32.4	23.7	35.5



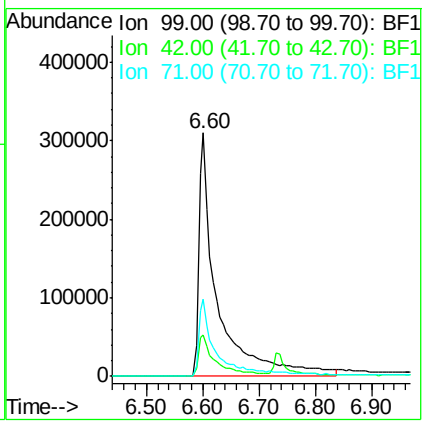


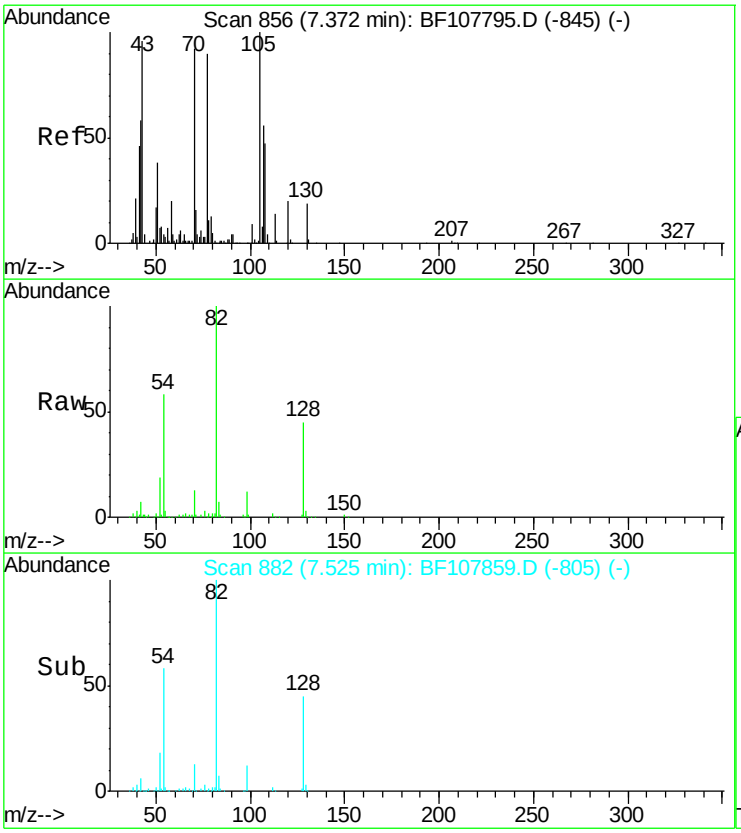
#7
Phenol-d6
Concen: 53.199 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Instrument :
BNA_F
ClientSampleId :
GW-02(3-5)

Tgt Ion: 99 Resp: 707483

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.5	21.7
71	31.7	25.4	38.0

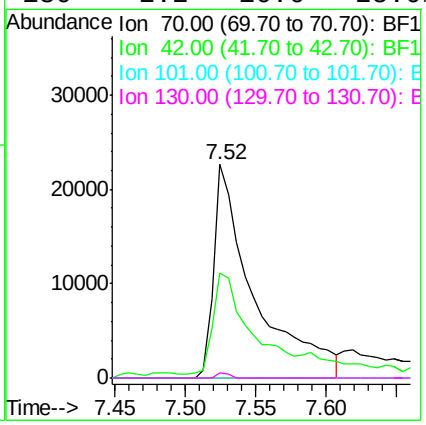


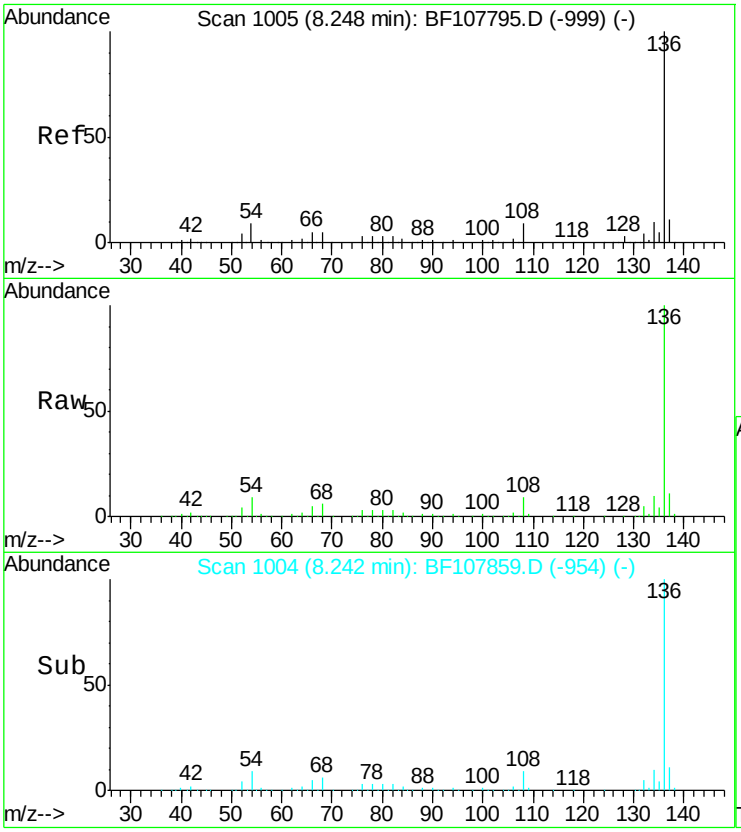


#19
n-Nitroso-di-n-propylamine
Concen: 5.338 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Tgt Ion: 70 Resp: 45029

Ion	Ratio	Lower	Upper
70	100		
42	49.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



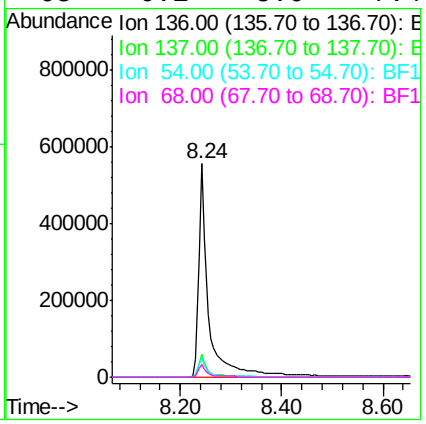


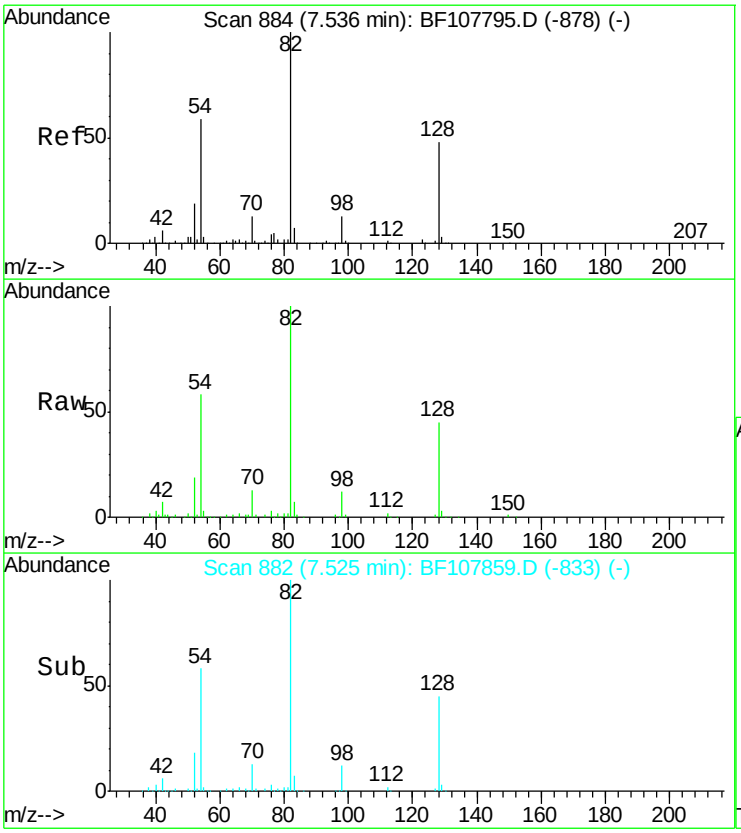
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Instrument :
BNA_F
ClientSampleId :
GW-02(3-5)

Tgt Ion:136 Resp: 782040

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.1	6.6	9.8
68	6.1	5.0	7.4

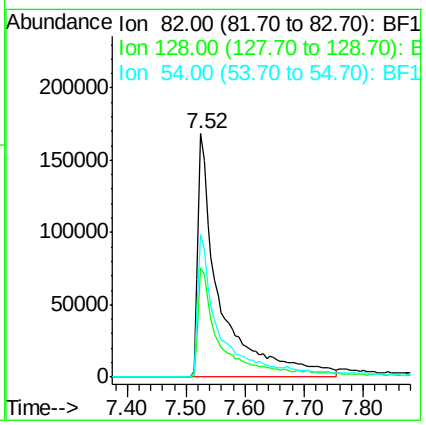


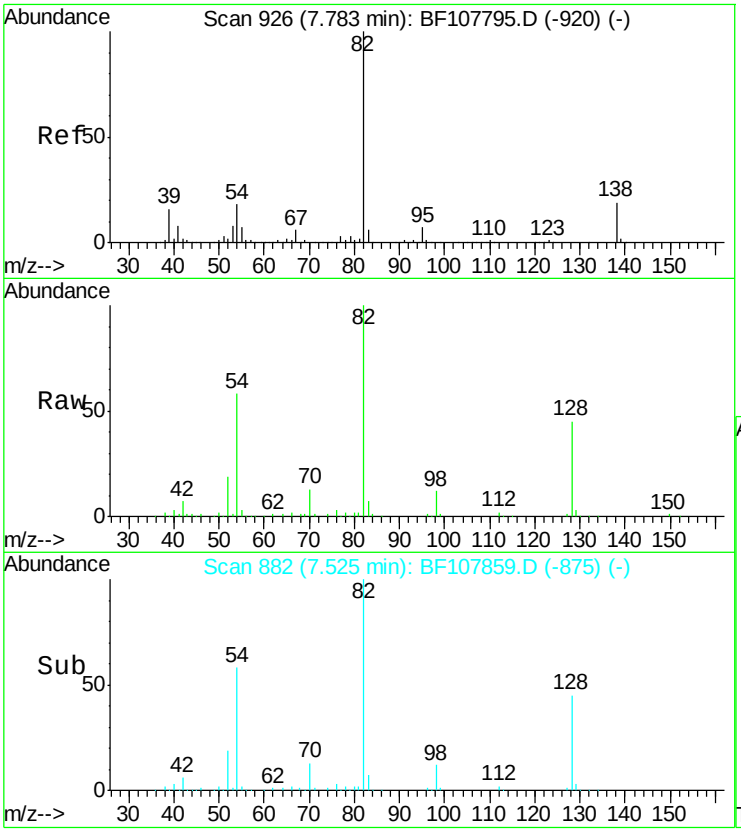


#23
Nitrobenzene-d5
Concen: 32.075 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Tgt Ion: 82 Resp: 435410

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	58.5	41.4	62.2



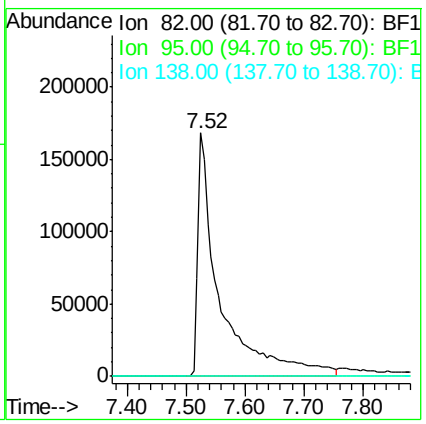


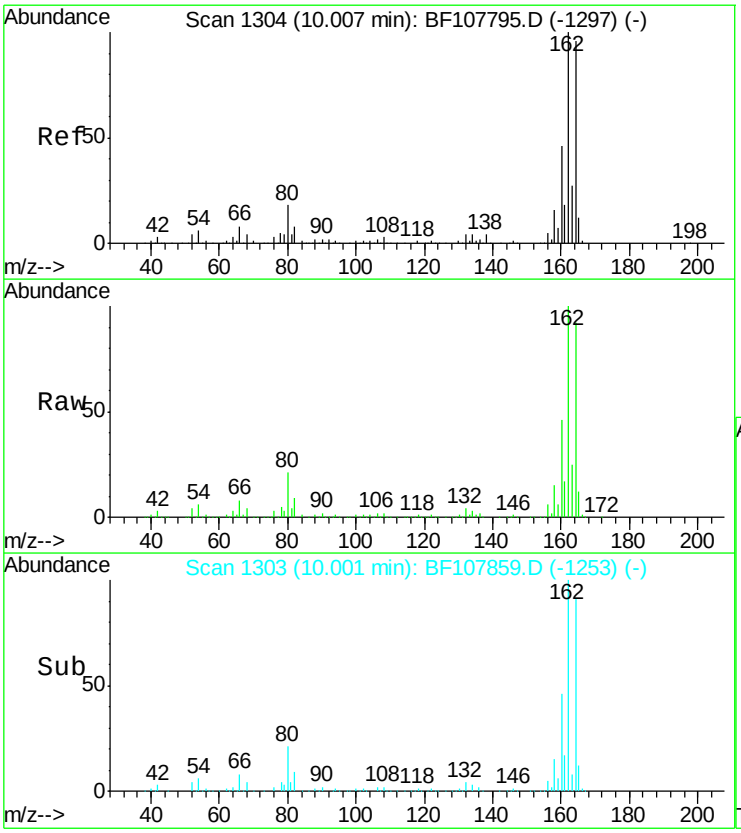
#25
Isophorone
Concen: 19.540 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Instrument :
BNA_F
ClientSampleId :
GW-02(3-5)

Tgt Ion: 82 Resp: 435410

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

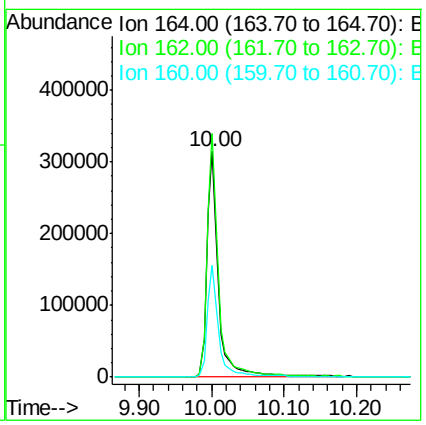


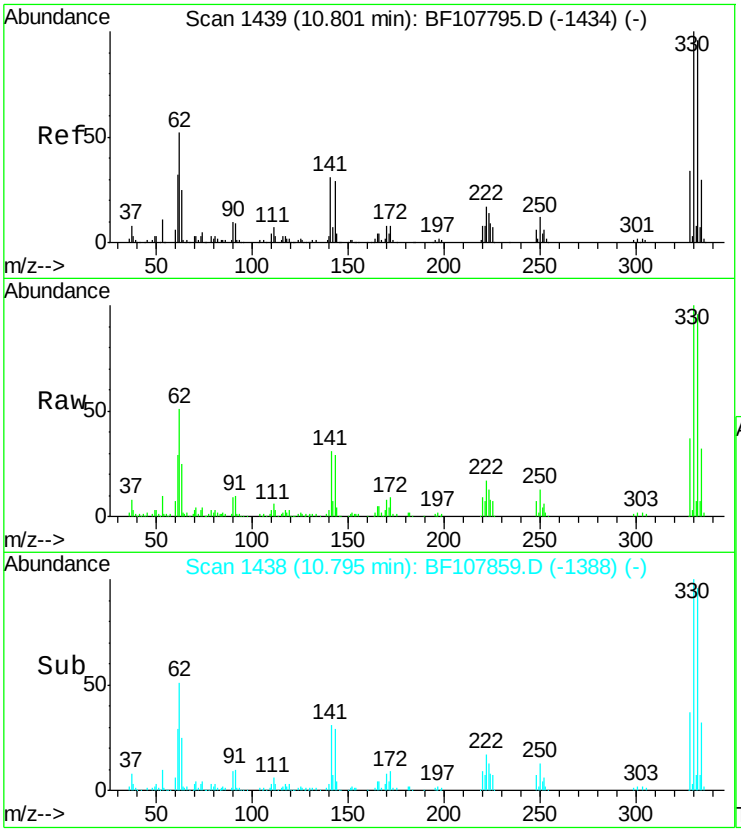


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Tgt Ion:164 Resp: 348430

Ion	Ratio	Lower	Upper
164	100		
162	108.1	86.1	129.1
160	49.8	38.3	57.5



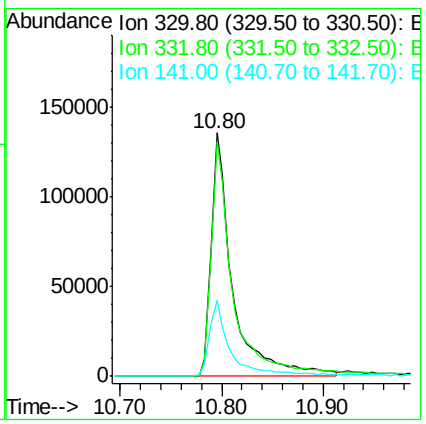


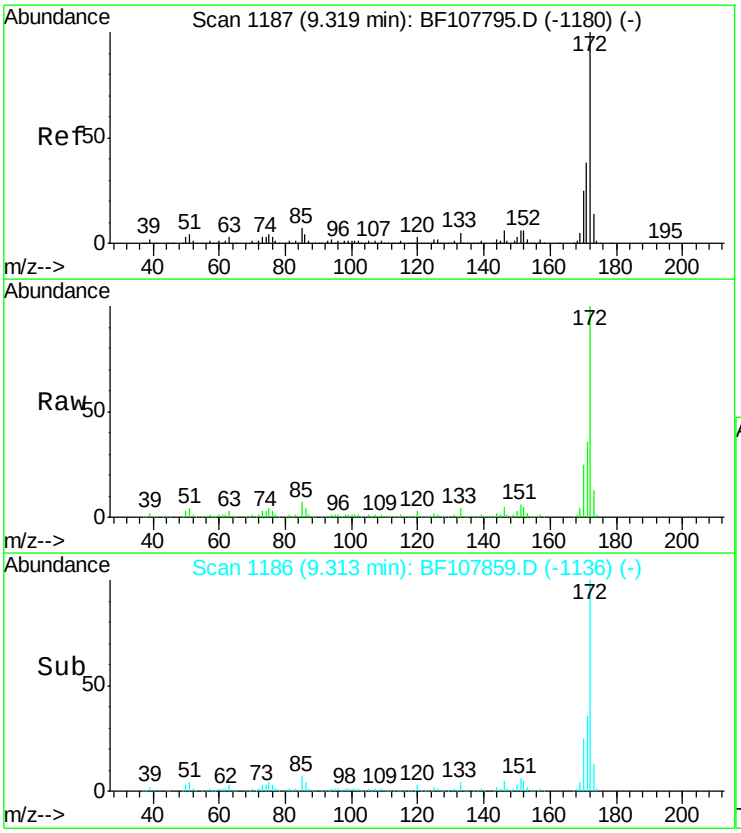
#41
2,4,6-Tribromophenol
Concen: 42.535 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Instrument :
BNA_F
ClientSampleId :
GW-02(3-5)

Tgt Ion:330 Resp: 201378

Ion	Ratio	Lower	Upper
330	100		
332	101.4	77.0	115.6
141	30.6	29.9	44.9

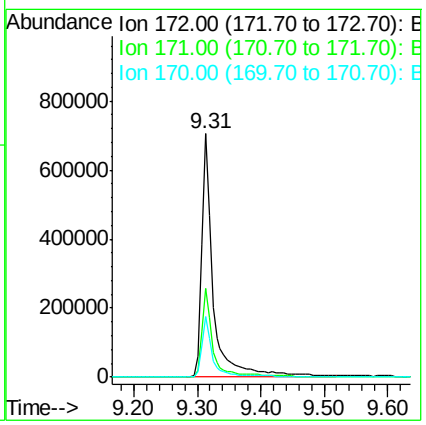


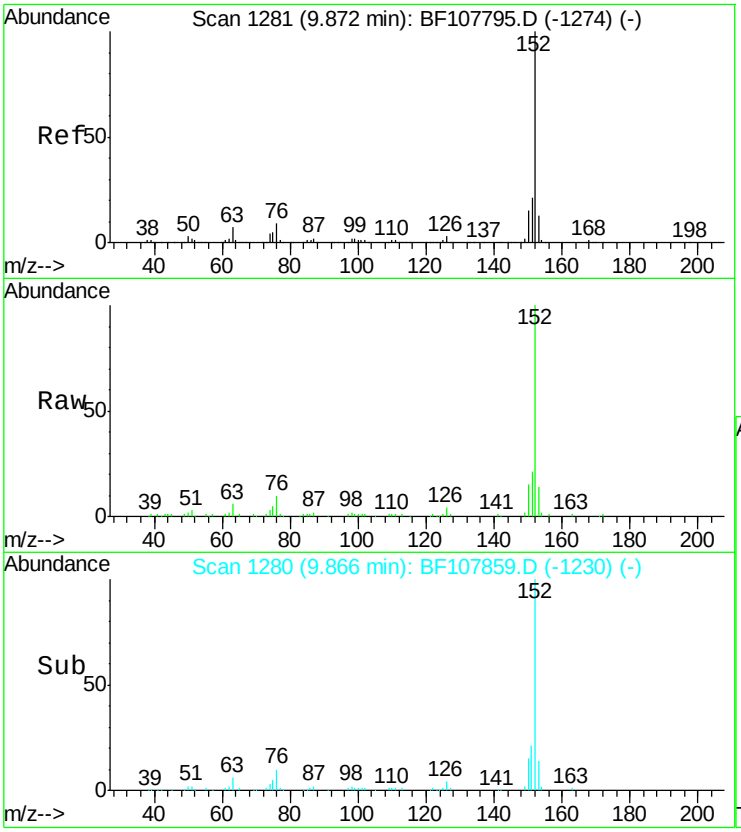


#44
2-Fluorobiphenyl
Concen: 35.789 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Tgt Ion:172 Resp: 894869

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.9	19.6	29.4



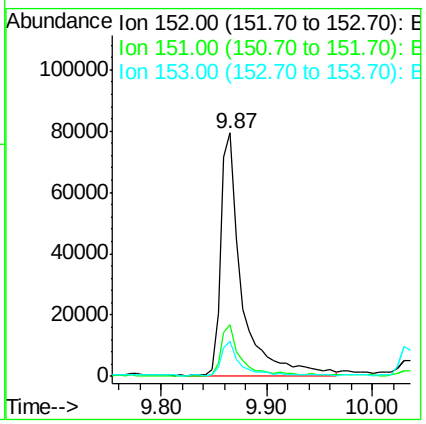


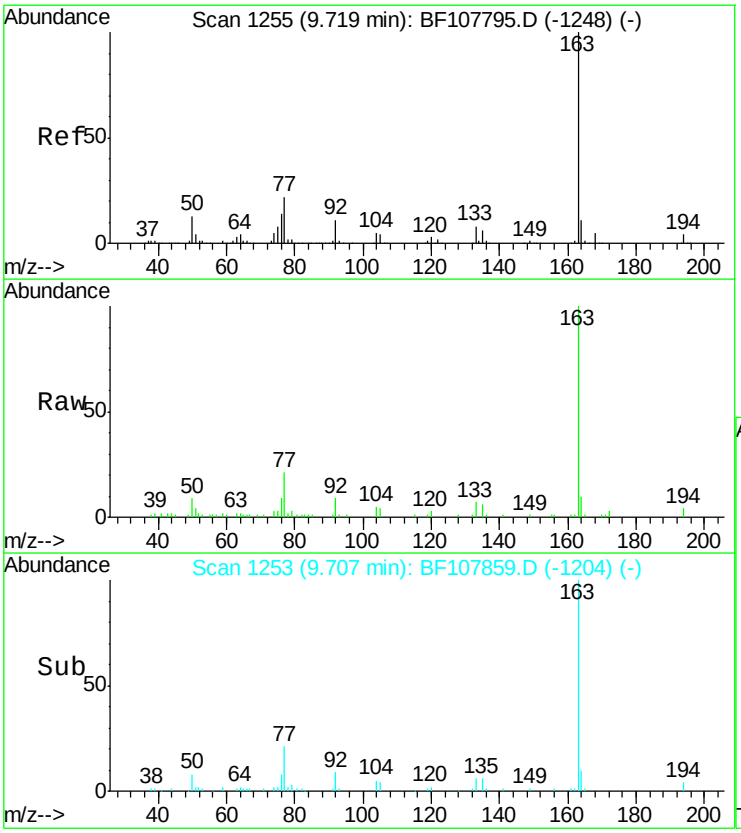
#48
Acenaphthylene
Concen: 3.010 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Instrument :
BNA_F
ClientSampleId :
GW-02(3-5)

Tgt Ion:152 Resp: 111570

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	14.2	10.7	16.1

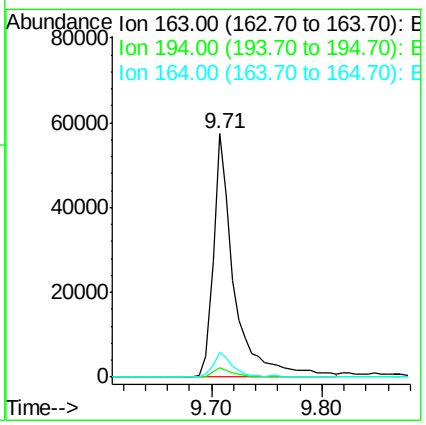


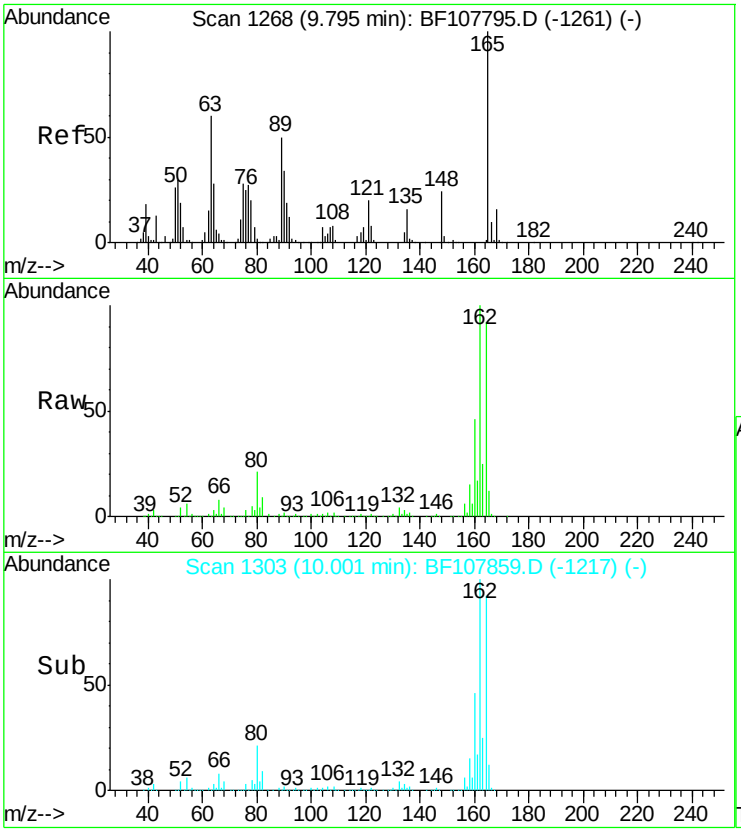


#49
Dimethylphthalate
Concen: 2.849 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Tgt Ion:163 Resp: 74562

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.1	8.2	12.2



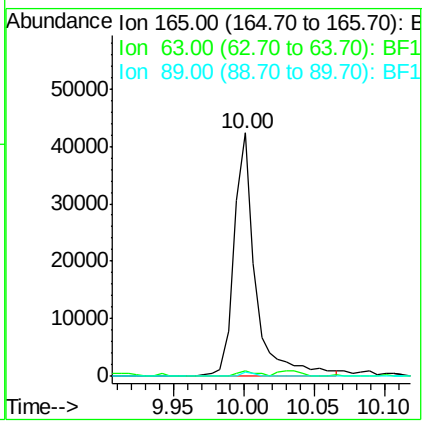


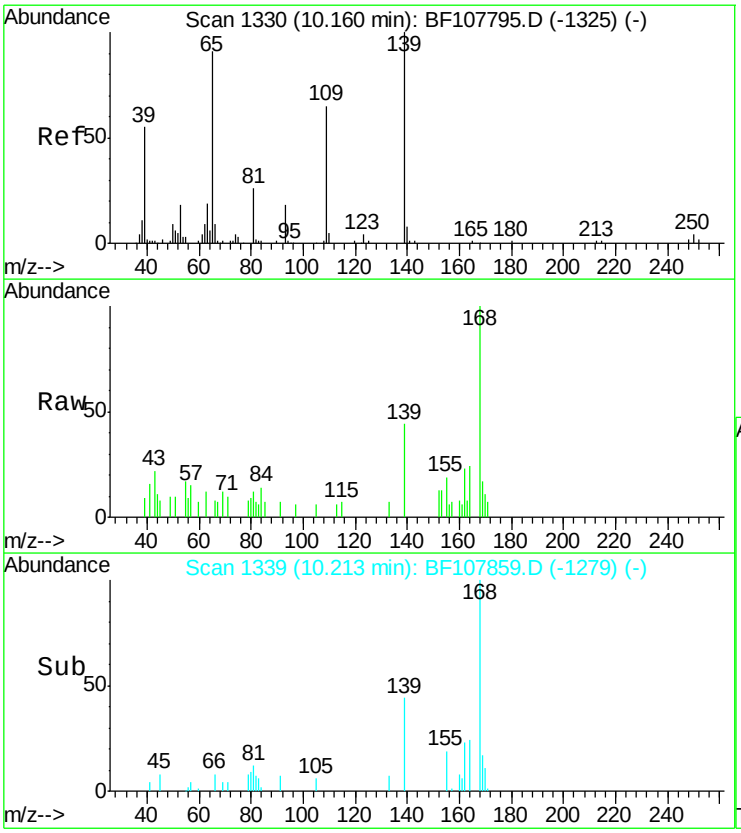
#50
2,6-Dinitrotoluene
Concen: 7.866 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Instrument :
BNA_F
ClientSampleId :
GW-02(3-5)

Tgt Ion:165 Resp: 44731

Ion	Ratio	Lower	Upper
165	100		
63	2.2	44.7	67.1#
89	1.8	44.0	66.0#

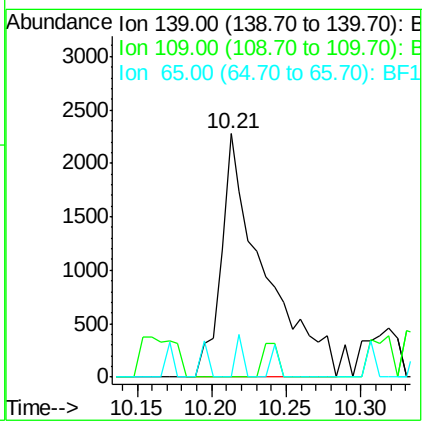


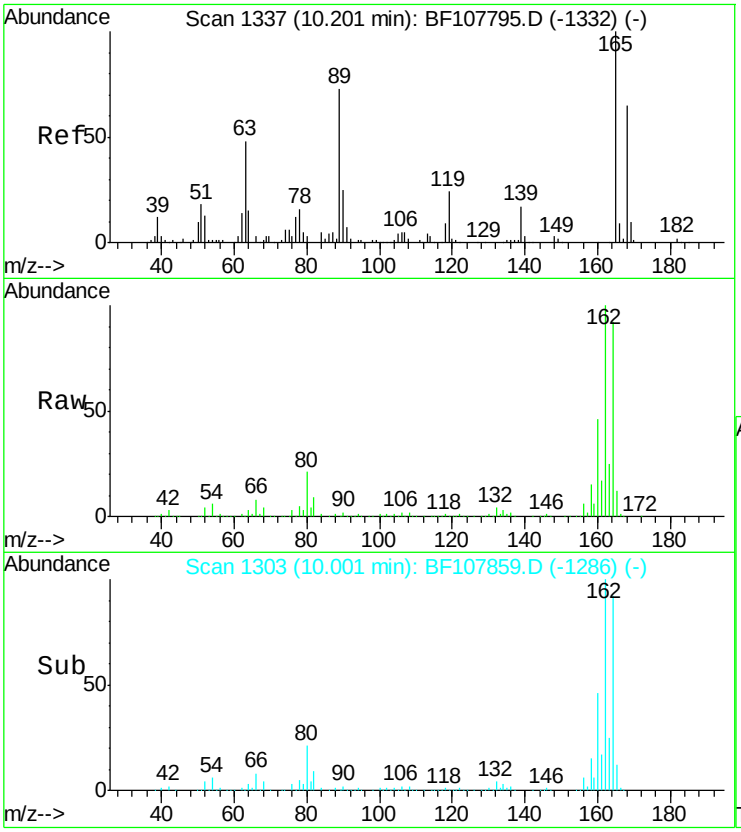


#55
4-Nitrophenol
Concen: 10.508 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.05 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Tgt Ion:139 Resp: 4562

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#



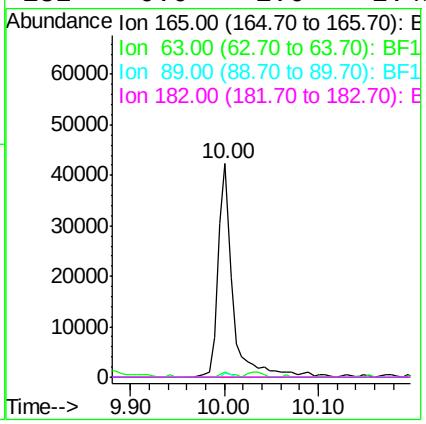


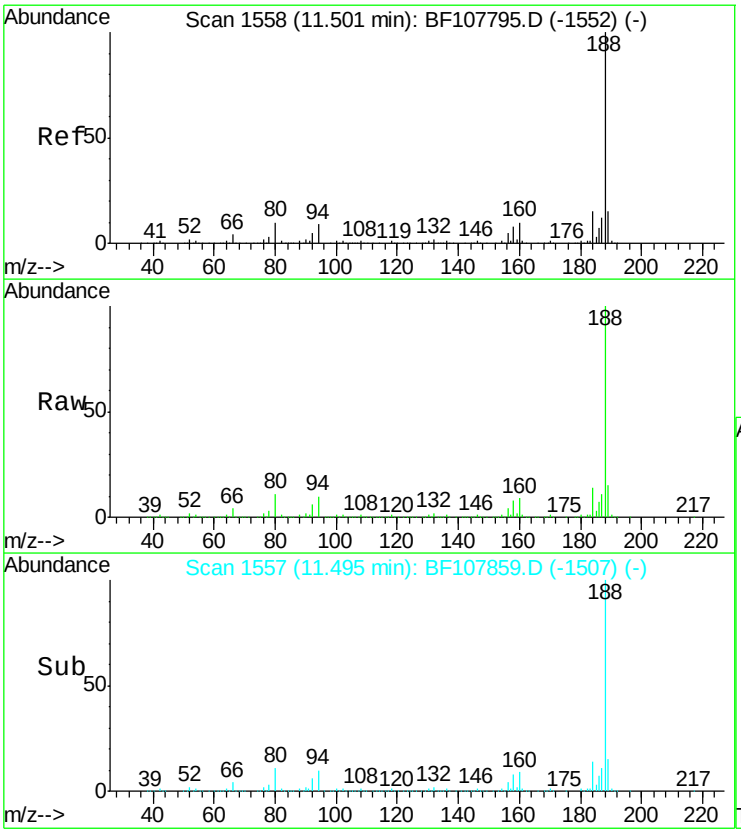
#56
2,4-Dinitrotoluene
Concen: 6.206 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Instrument :
BNA_F
ClientSampleId :
GW-02(3-5)

Tgt Ion:165 Resp: 46385

Ion	Ratio	Lower	Upper
165	100		
63	2.2	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

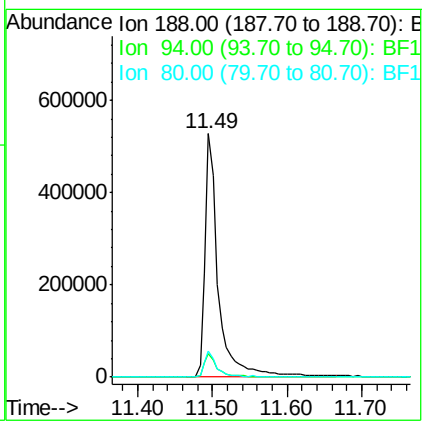


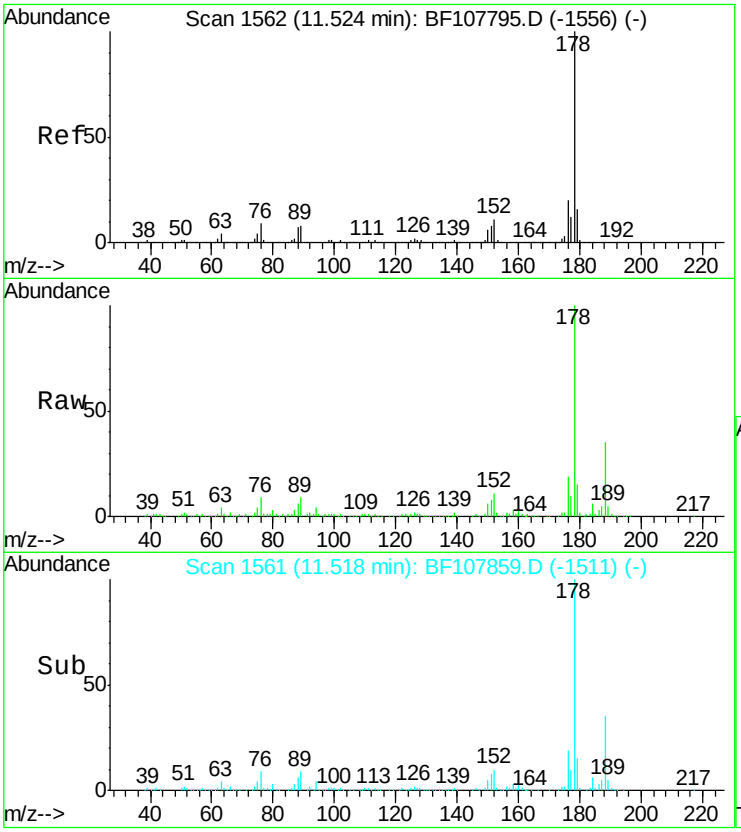


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Tgt Ion:188 Resp: 663191

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.8	9.2	13.8



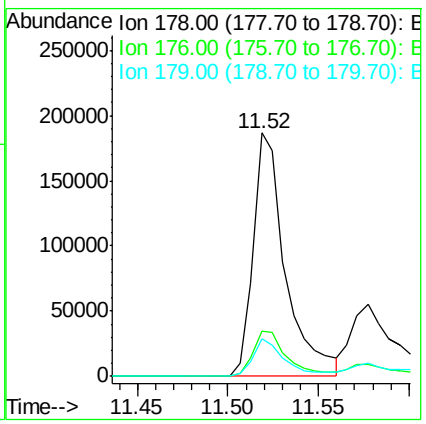


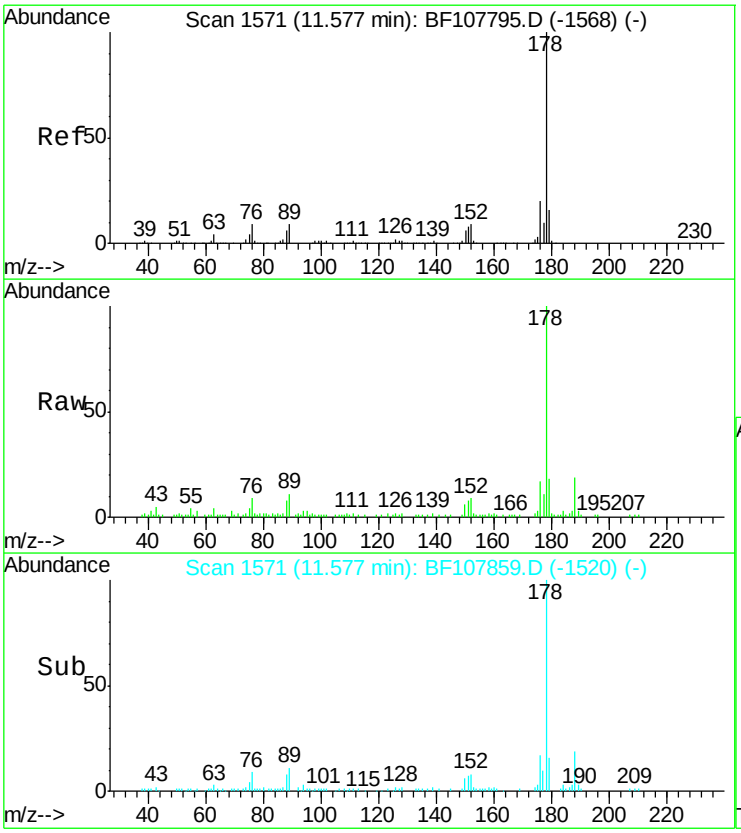
#70
Phenanthrene
Concen: 7.354 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Instrument :
BNA_F
ClientSampleId :
GW-02(3-5)

Tgt Ion:178 Resp: 231593

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.4	13.0	19.6

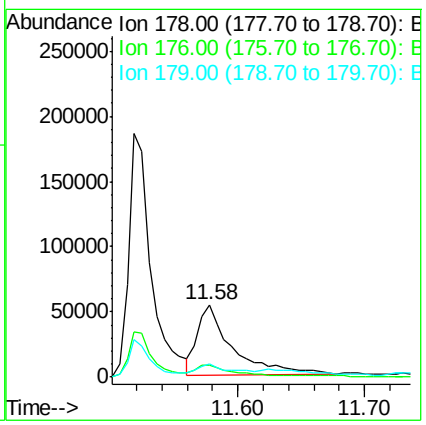


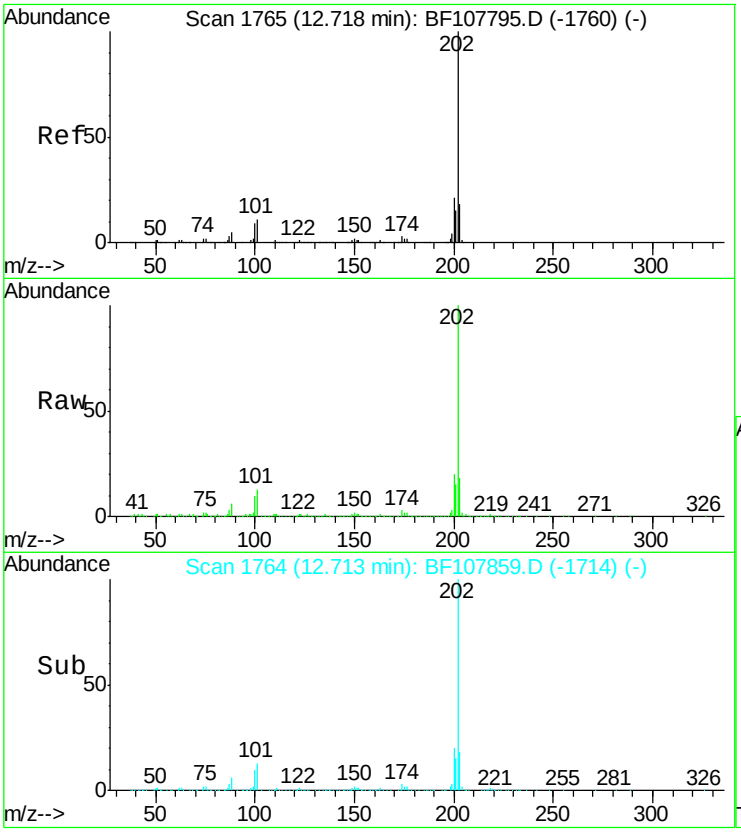


#71
Anthracene
Concen: 2.860 ng
RT: 11.58 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Tgt Ion:178 Resp: 103878

Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.4	23.2
179	17.5	12.6	19.0



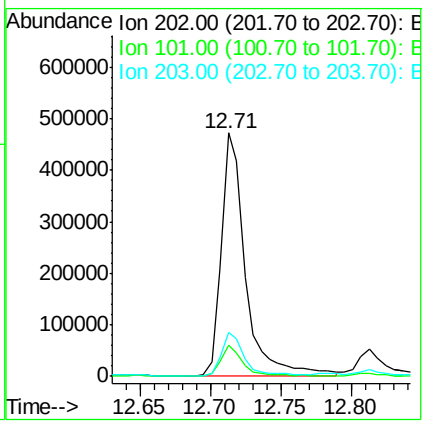


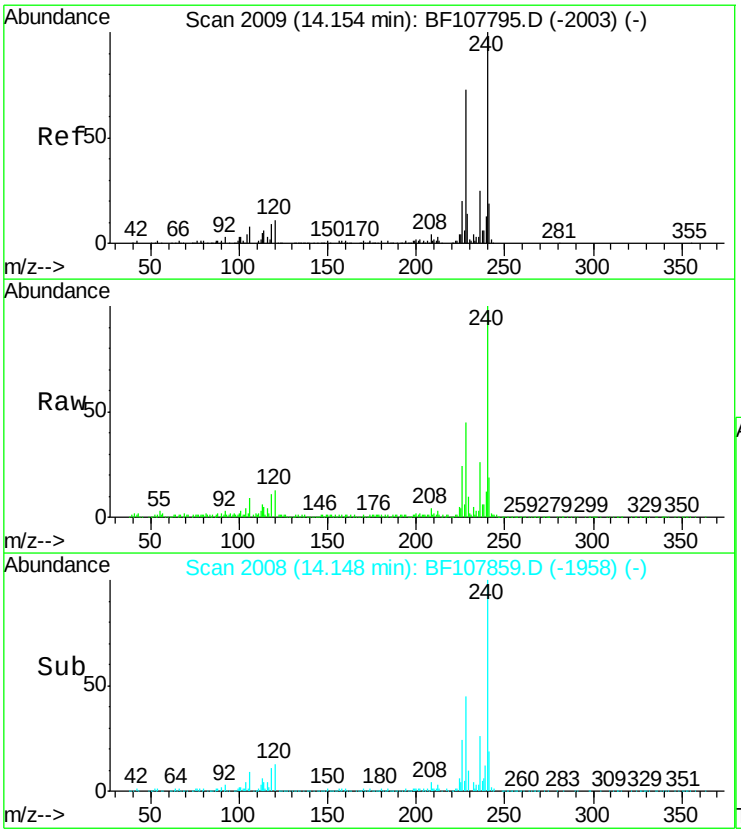
#74
Fluoranthene
Concen: 15.059 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Instrument :
BNA_F
ClientSampleId :
GW-02(3-5)

Tgt Ion:202 Resp: 557102

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.1
203	17.8	0.0	38.1

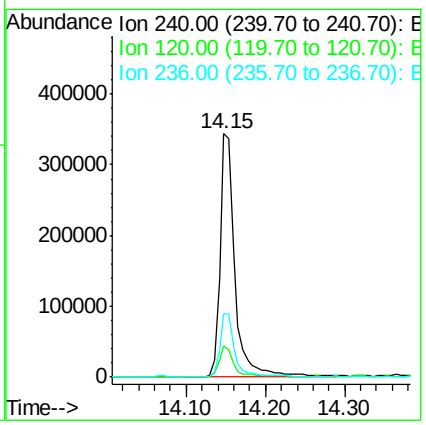


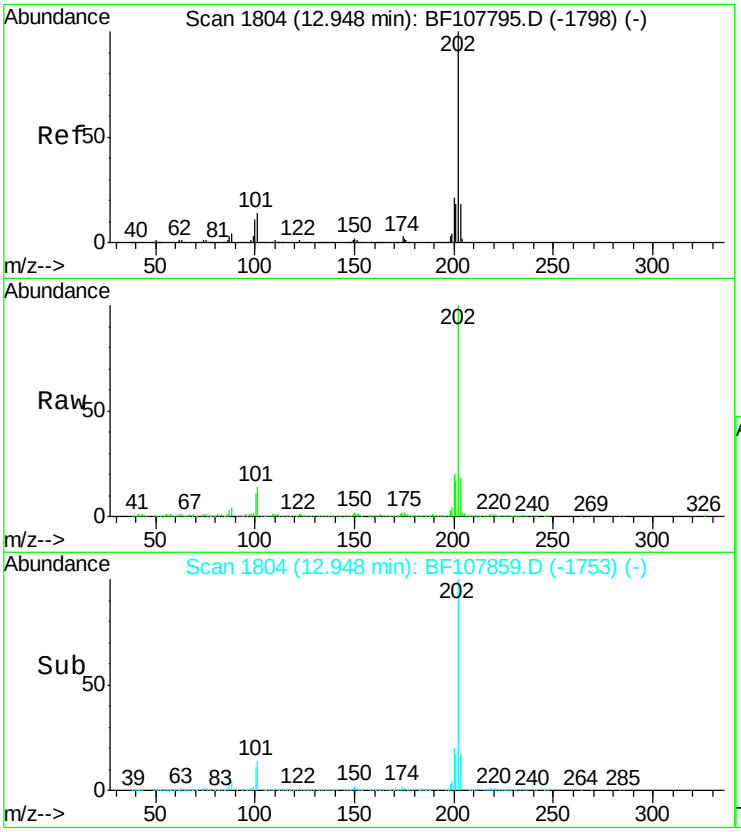


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Tgt Ion:240 Resp: 439687

Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.5	14.3
236	25.7	20.7	31.1



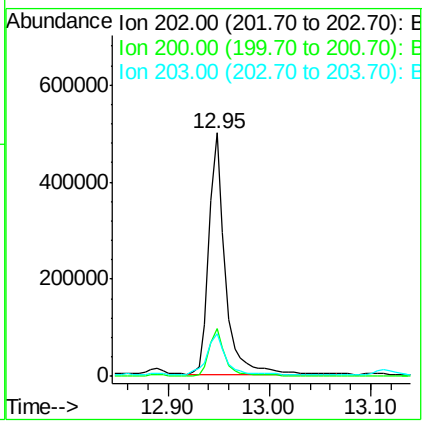


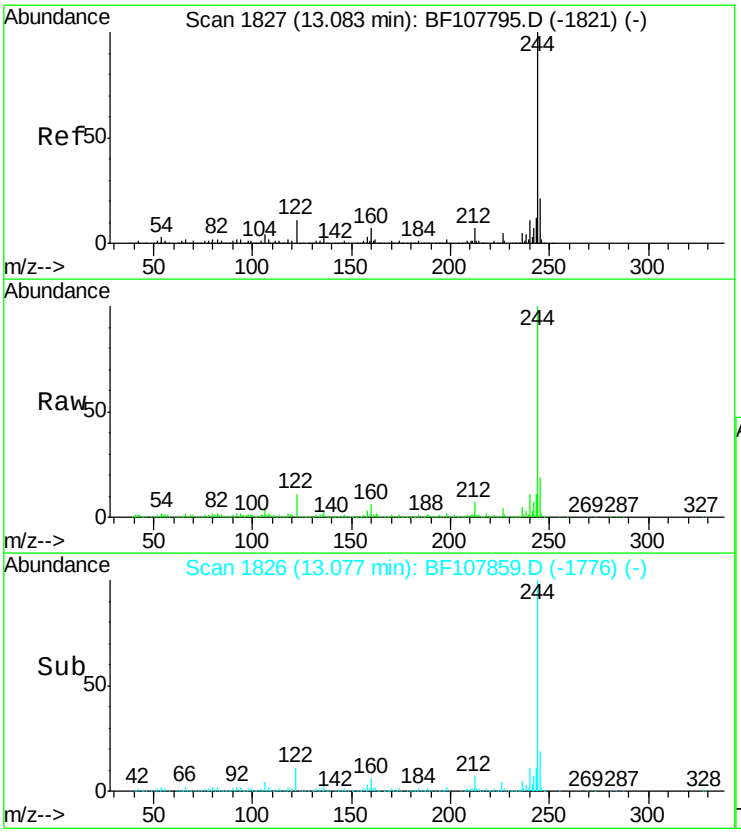
#77
Pyrene
Concen: 17.441 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Instrument :
BNA_F
ClientSampleId :
GW-02(3-5)

Tgt Ion:202 Resp: 552211

Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.4	26.2
203	17.5	14.3	21.5

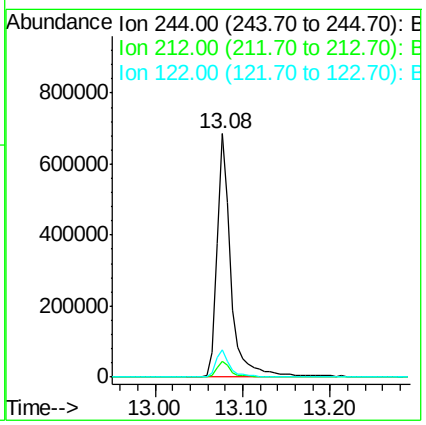


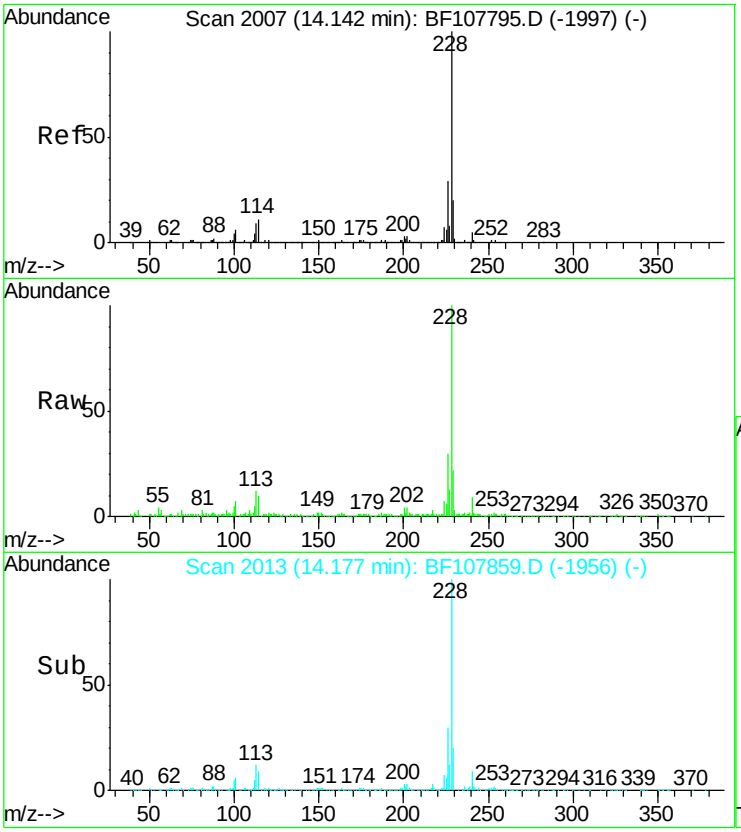


#78
Terphenyl-d14
Concen: 37.307 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Tgt Ion:244 Resp: 756464

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.2	11.0	16.4



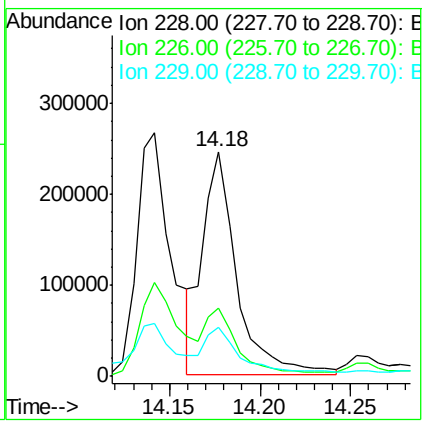


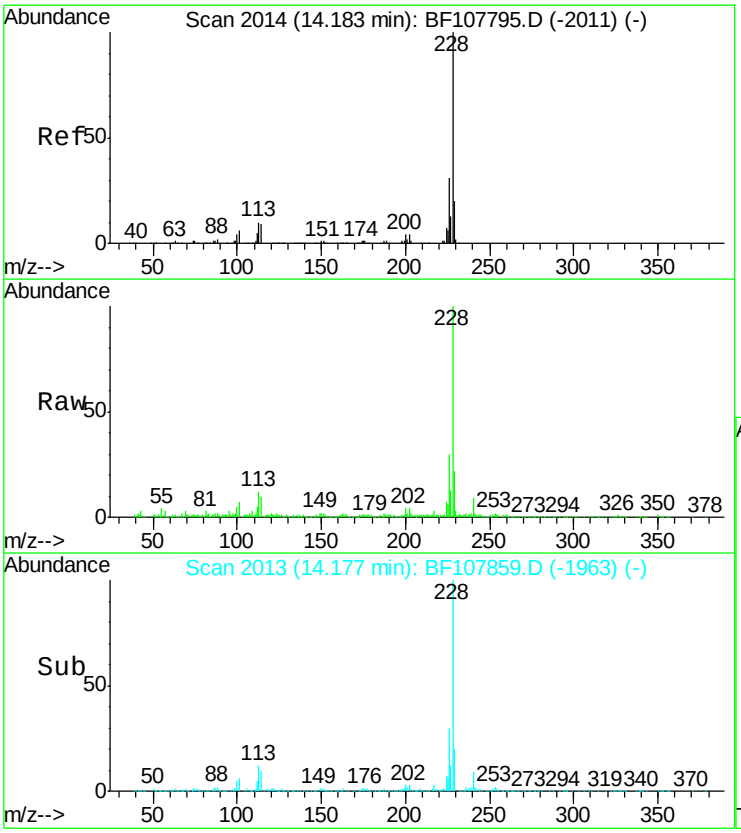
#80
Benzo(a)anthracene
Concen: 12.877 ng
RT: 14.18 min Scan# 2013
Delta R.T. 0.04 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Instrument :
BNA_F
ClientSampleId :
GW-02(3-5)

Tgt Ion:228 Resp: 320733

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.6	33.8
229	21.6	15.8	23.6

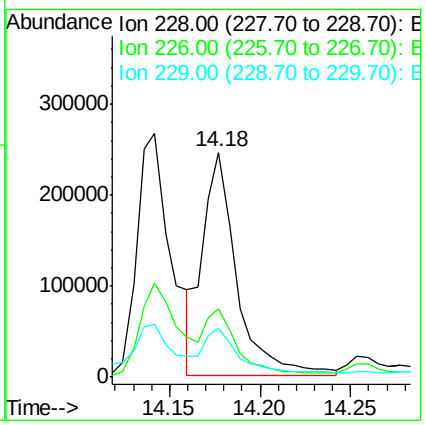


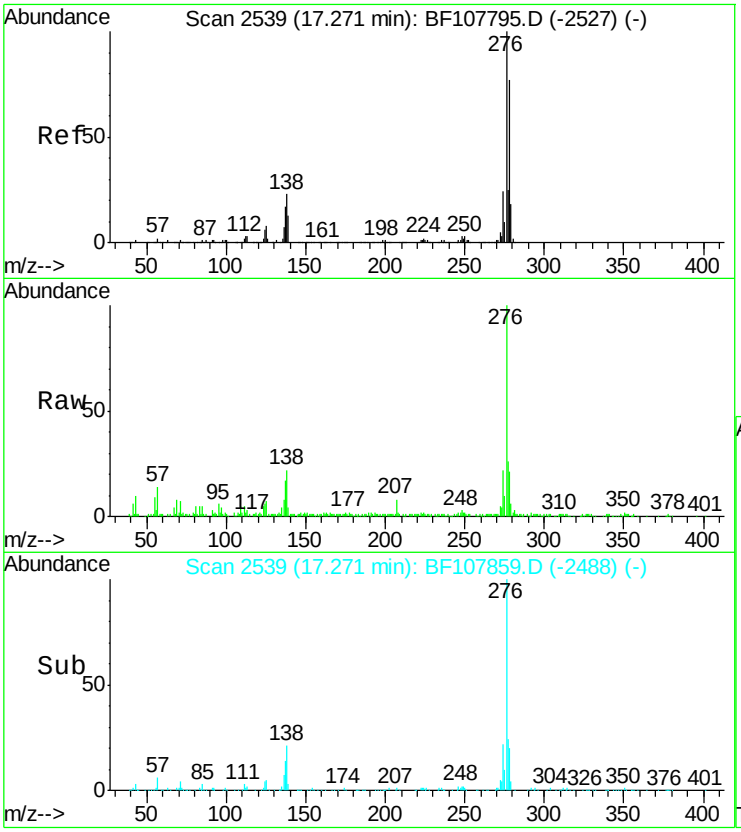


#82
Chrysene
Concen: 11.939 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Tgt Ion:228 Resp: 320733

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	21.6	16.2	24.4



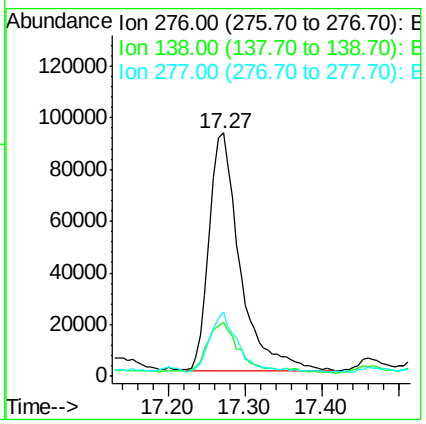


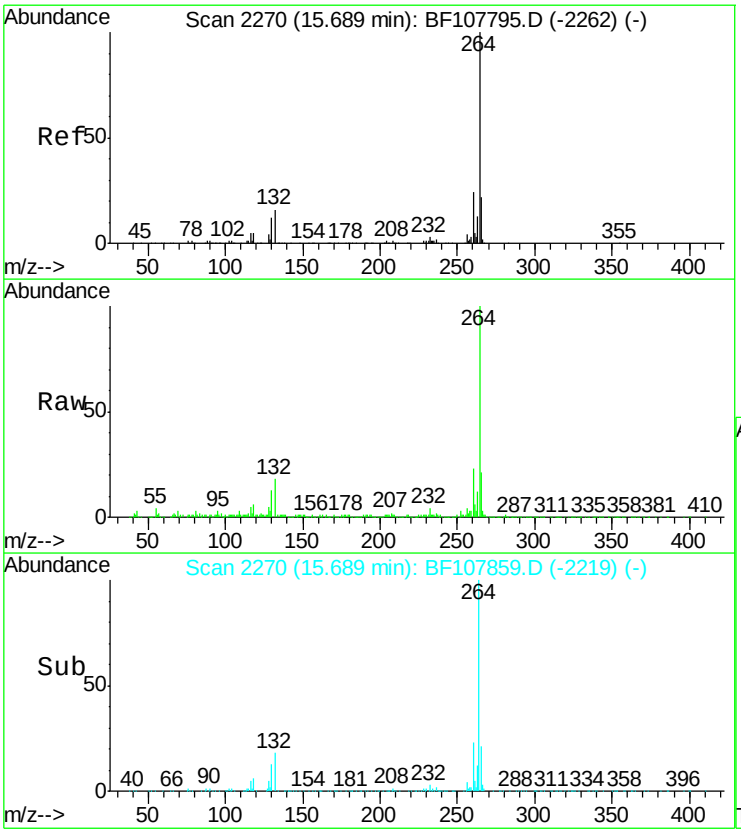
#85
Indeno(1,2,3-cd)pyrene
Concen: 12.467 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Instrument :
BNA_F
ClientSampleId :
GW-02(3-5)

Tgt Ion:276 Resp: 254750

Ion	Ratio	Lower	Upper
276	100		
138	21.0	25.0	37.6#
277	22.8	20.1	30.1

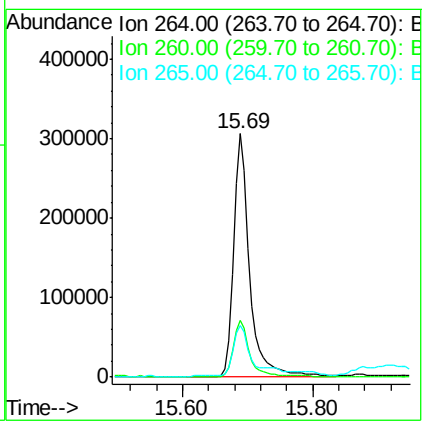


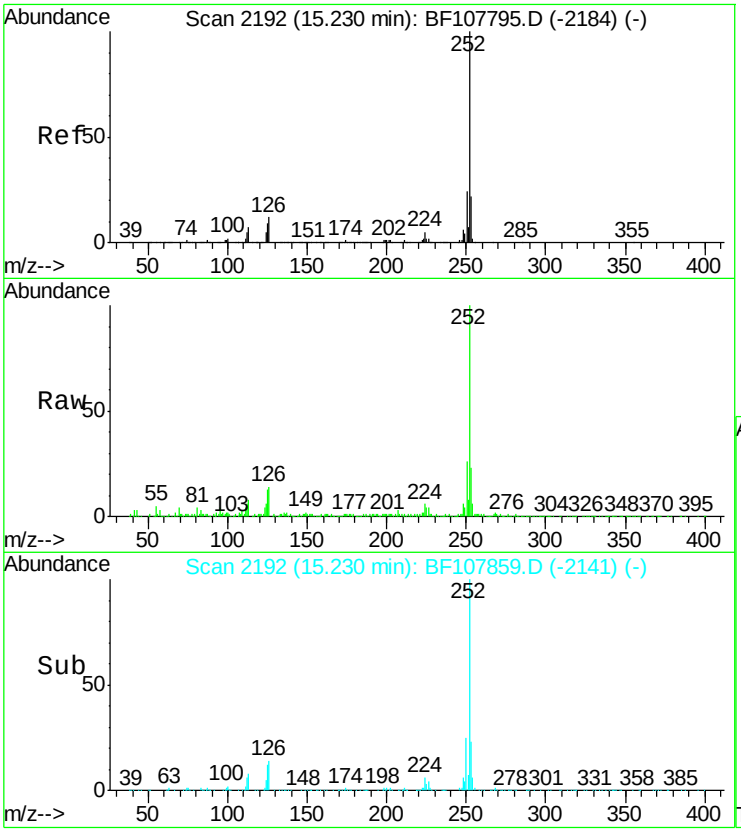


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Tgt Ion:264 Resp: 519037

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.2	17.5	26.3



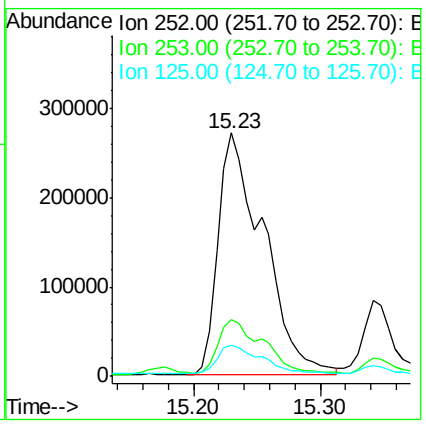


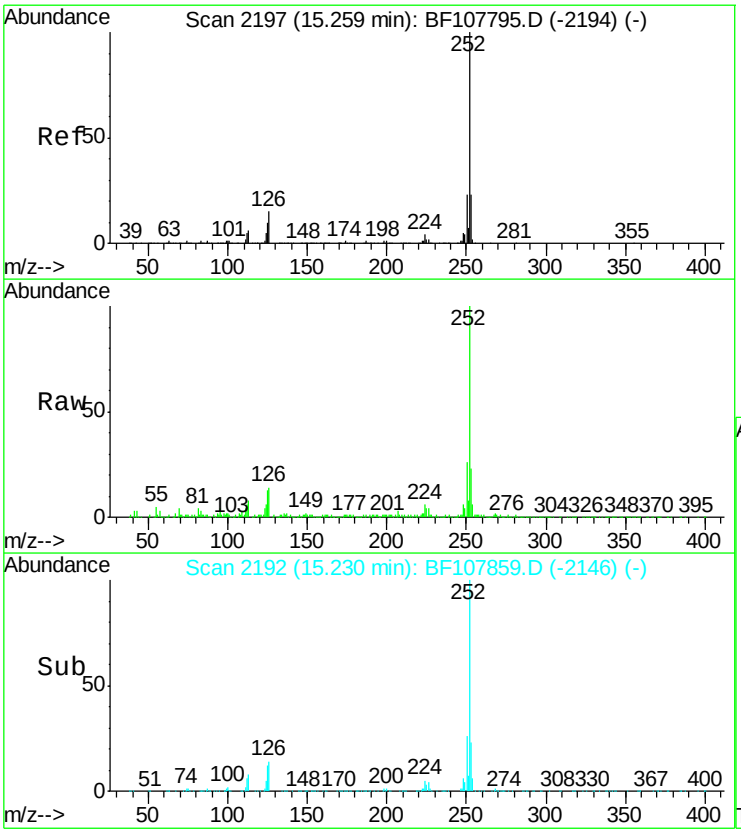
#87
Benzo(b)fluoranthene
Concen: 26.474 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Instrument :
BNA_F
ClientSampleId :
GW-02(3-5)

Tgt Ion:252 Resp: 677716

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	12.8	9.0	13.6

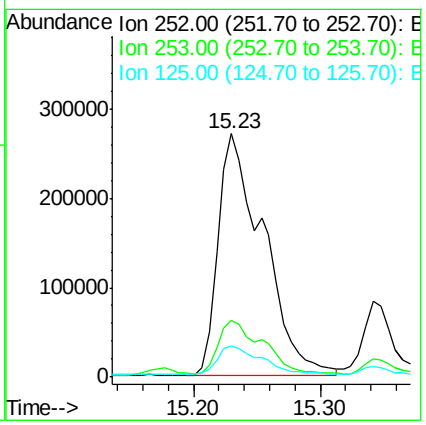


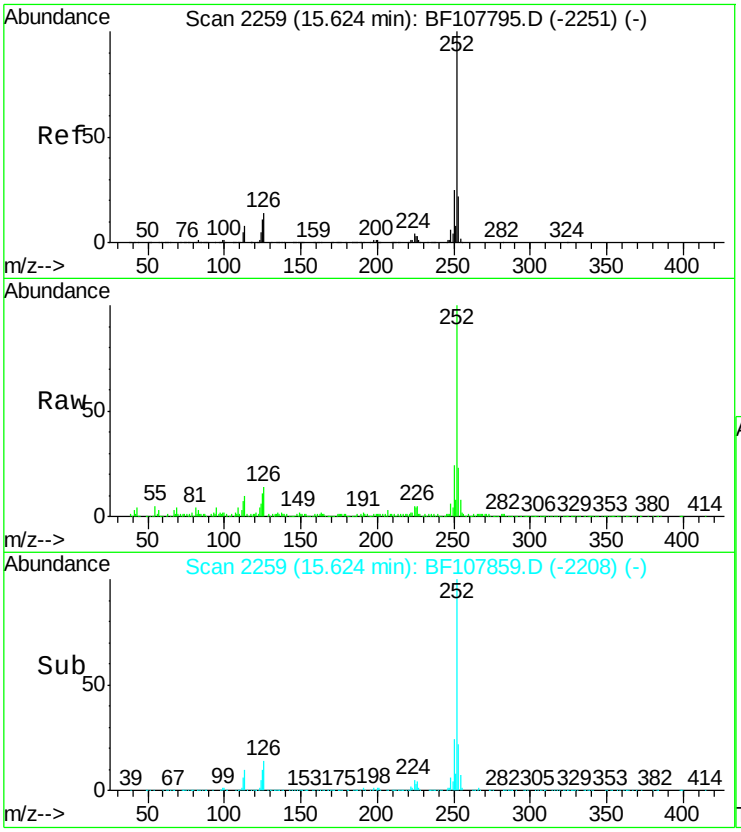


#88
Benzo(k)fluoranthene
Concen: 21.563 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Tgt Ion:252 Resp: 677716

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	12.8	10.2	15.2



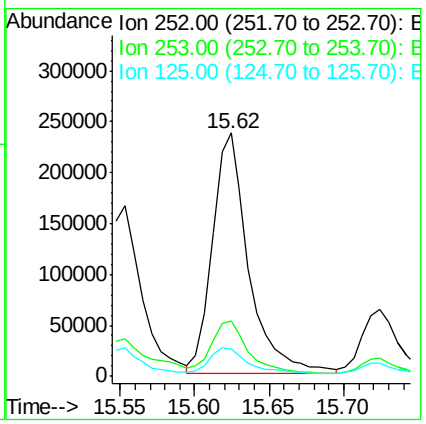


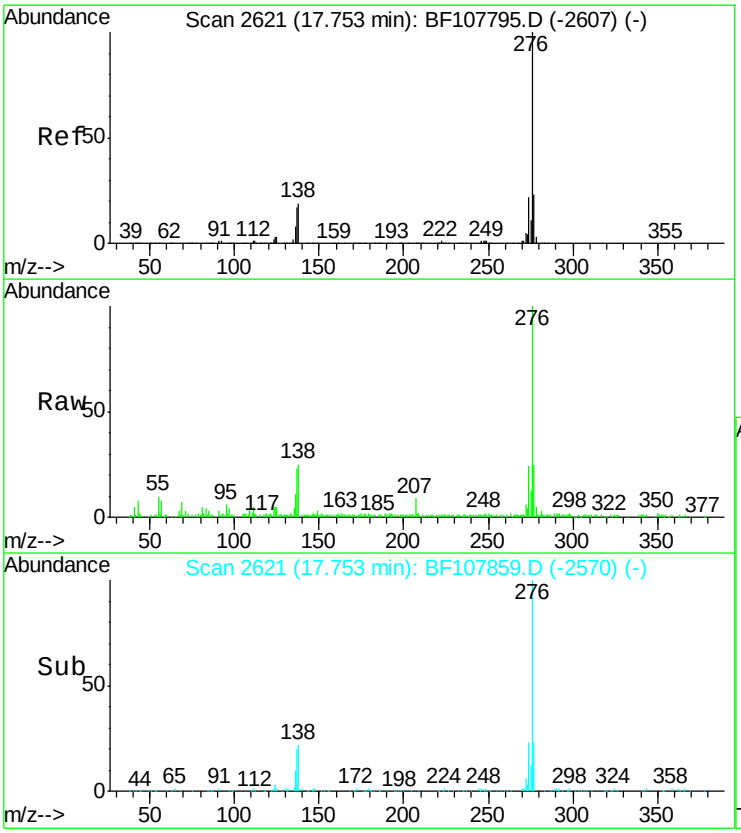
#89
Benzo(a)pyrene
Concen: 15.237 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Instrument :
BNA_F
ClientSampleId :
GW-02(3-5)

Tgt Ion:252 Resp: 402663

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	11.0	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 10.278 ng
RT: 17.75 min Scan# 2621
Delta R.T. -0.00 min
Lab File: BF107859.D
Acq: 31 Jul 2018 19:40

Tgt Ion:276 Resp: 229243

Ion	Ratio	Lower	Upper
276	100		
277	24.7	17.9	26.9
138	25.1	21.8	32.8