Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107927.D
Acq On : 2 Aug 2018 23:23
Operator : JU/SJ
Sample : J4262-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-03

Quant Time: Aug 03 04:54:07 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	6.95	152	137522	20.00	ng		-0.01
21) Naphthalene-d8	8.24	136	556990	20.00	ng		-0.01
38) Acenaphthene-d10	9.99	164	221806	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	419504	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	366190	20.00	ng		-0.01
86) Perylene-d12	15.67	264	309627	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	415752	51.38	ng		0.00
7) Phenol-d6	6.61	99	324205	30.40	ng		0.00
23) Nitrobenzene-d5	7.52	82	872294	90.22	ng		-0.01
41) 2,4,6-Tribromophenol	10.79	330	340815	113.08	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	1572610	98.80	ng		-0.01
78) Terphenyl-d14	13.07	244	1441129	85.34	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.26	128	488218	18.856	ng		99
32) Benzoic acid	8.05	122	11800	3.994	ng	#	56
37) 2-Methylnaphthalene	8.95	142	62756	3.859	ng		98
49) Dimethylphthalate	9.70	163	57855	3.473	ng		99
51) Acenaphthene	10.02	154	35509	2.590	ng		97
57) Fluorene	10.55	166	38335	2.328	ng		100
70) Phenanthrene	11.52	178	43698	2.194	ng		97

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

Quantitation Report (QT/LSC Reviewed)

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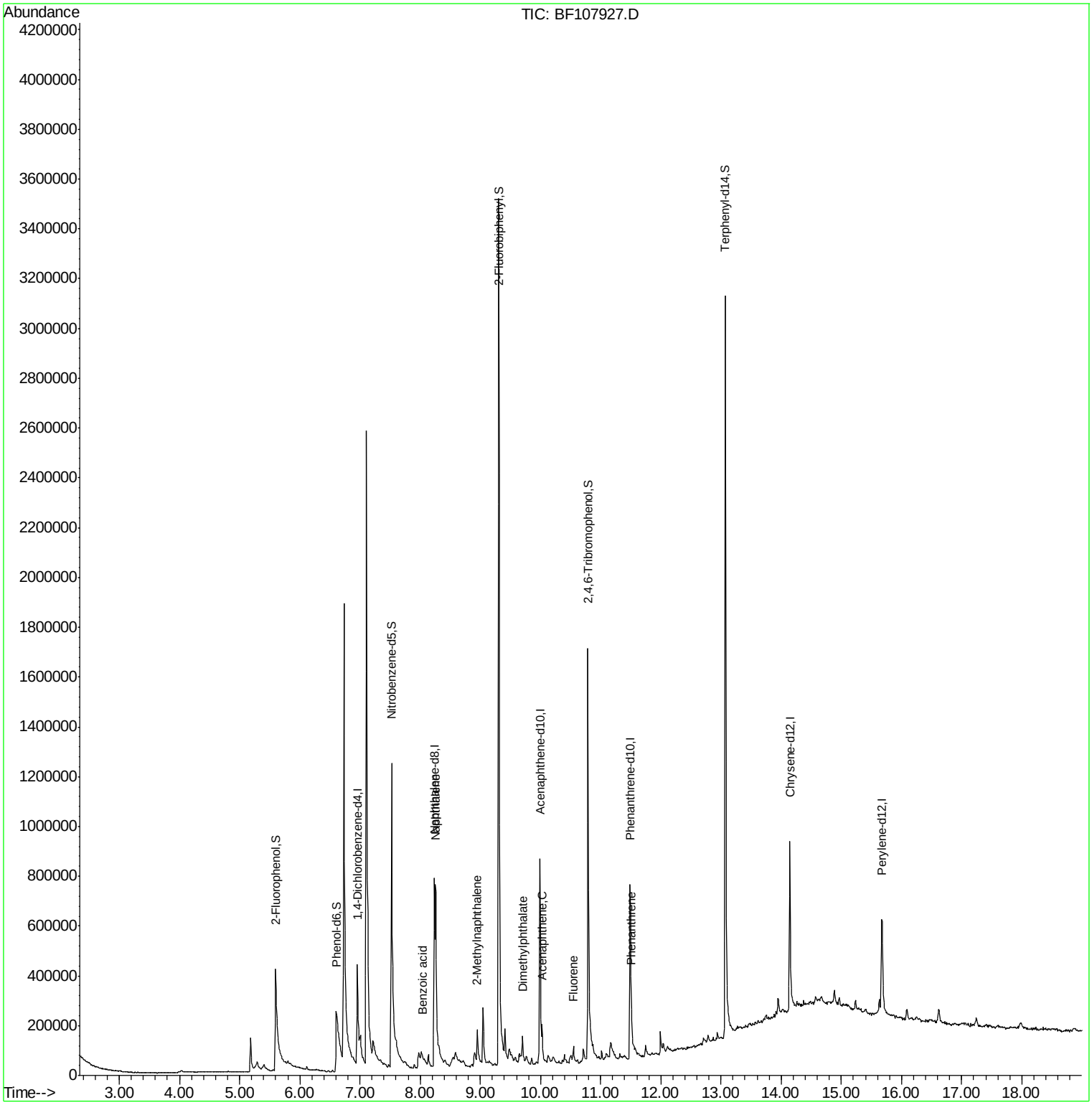
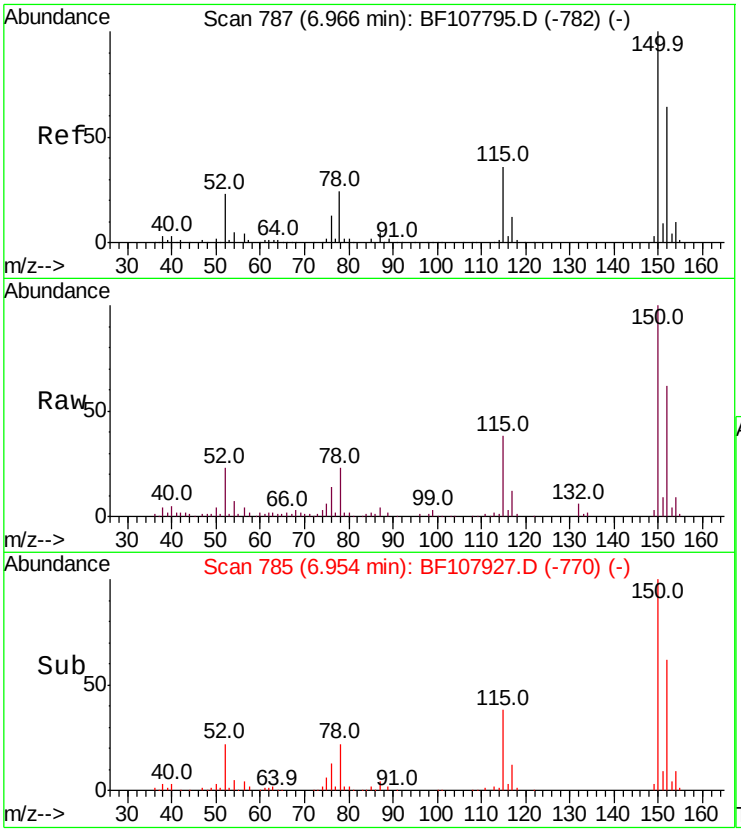


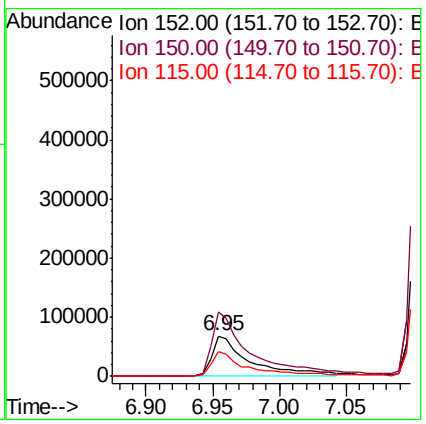


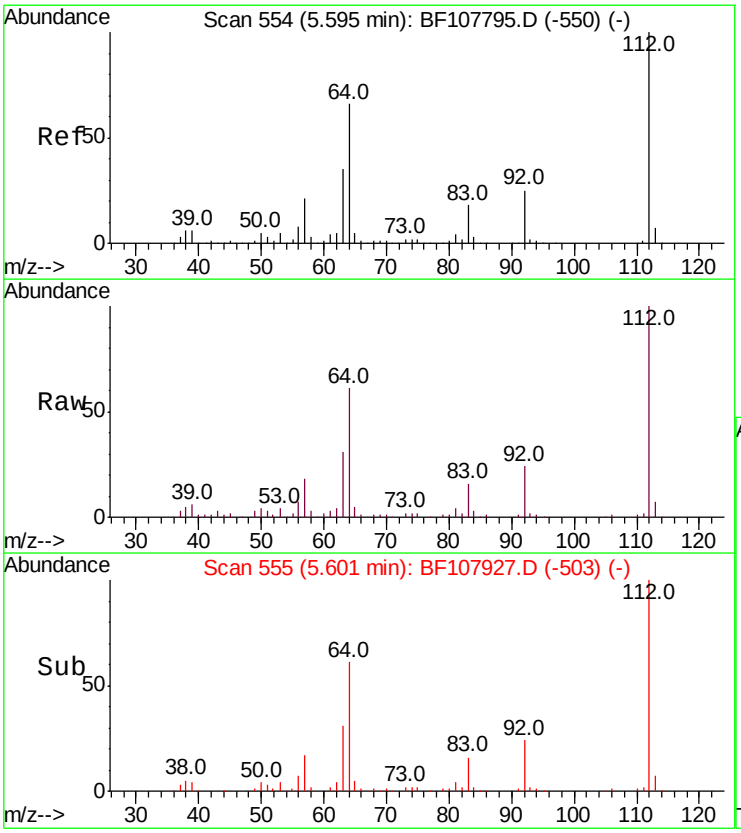
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107927.D
Acq: 2 Aug 2018 23:23

Instrument :
BNA_F
ClientSampleId :
GW-03

Tgt Ion:152 Resp: 137522

Ion	Ratio	Lower	Upper
152	100		
150	161.4	124.6	186.8
115	61.7	50.1	75.1

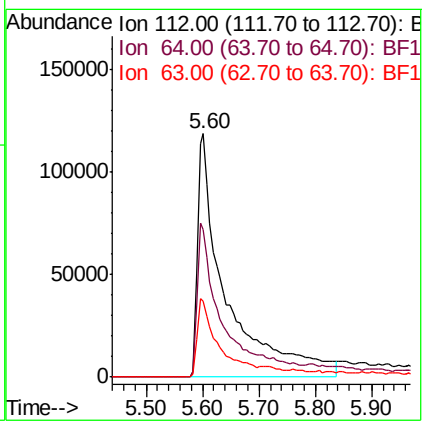


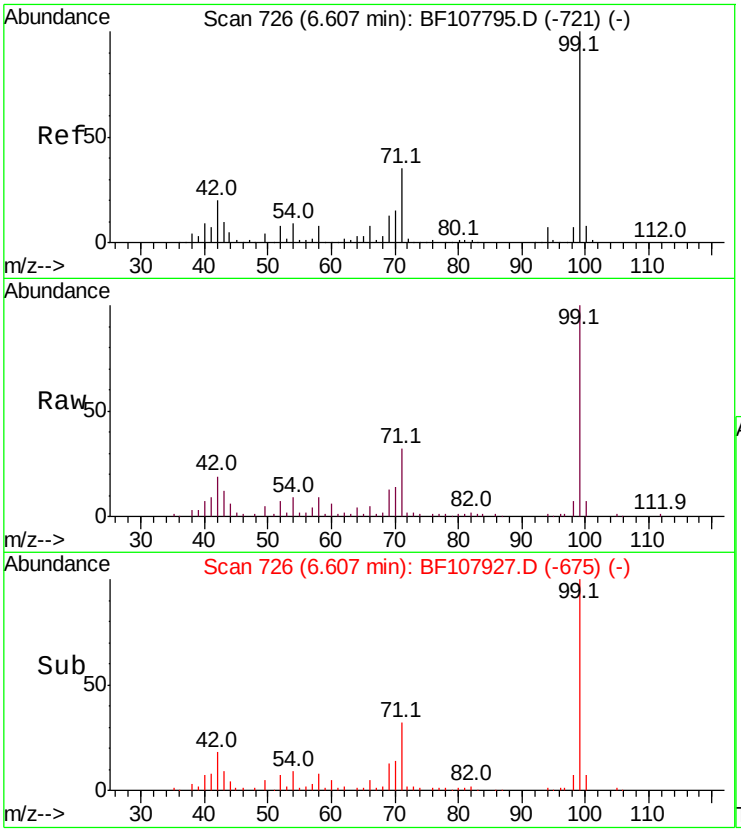


#5
2-Fluorophenol
Concen: 51.380 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107927.D
Acq: 2 Aug 2018 23:23

Tgt Ion:112 Resp: 415752

Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.9	71.9
63	31.1	23.7	35.5



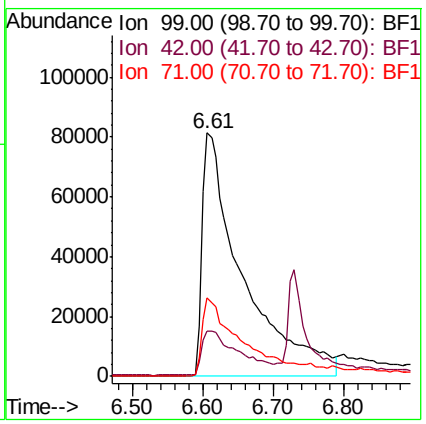


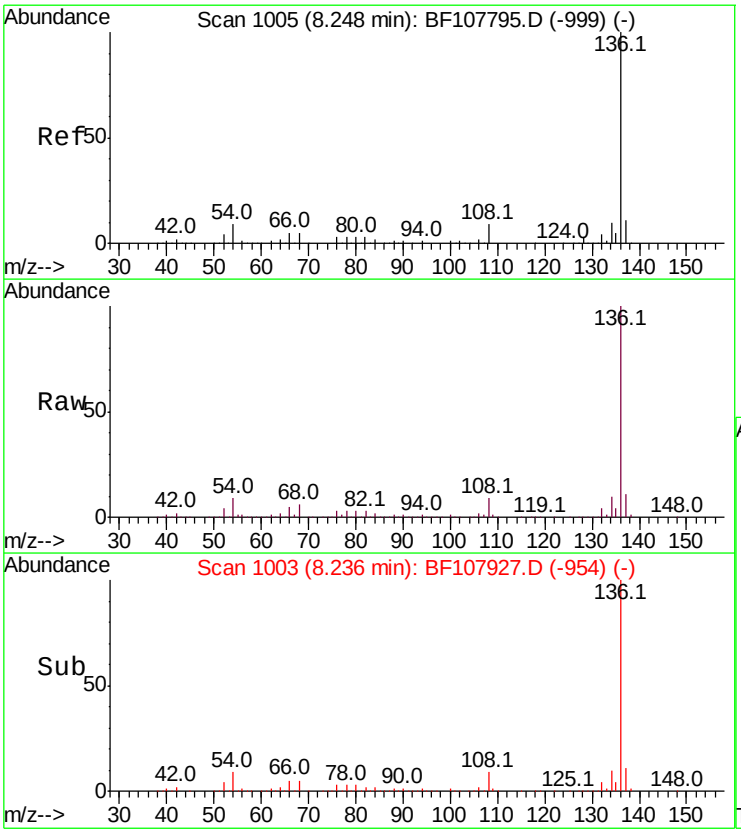
#7
Phenol-d6
Concen: 30.401 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF107927.D
Acq: 2 Aug 2018 23:23

Instrument :
BNA_F
ClientSampleId :
GW-03

Tgt Ion: 99 Resp: 324205

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	32.3	25.4	38.0

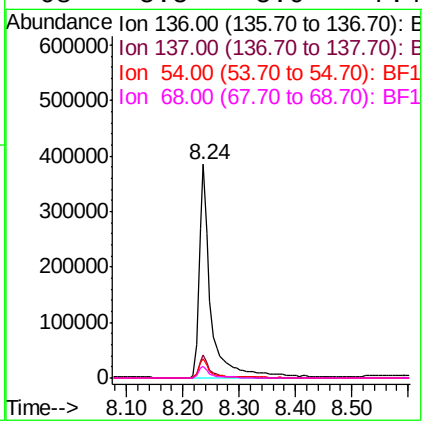


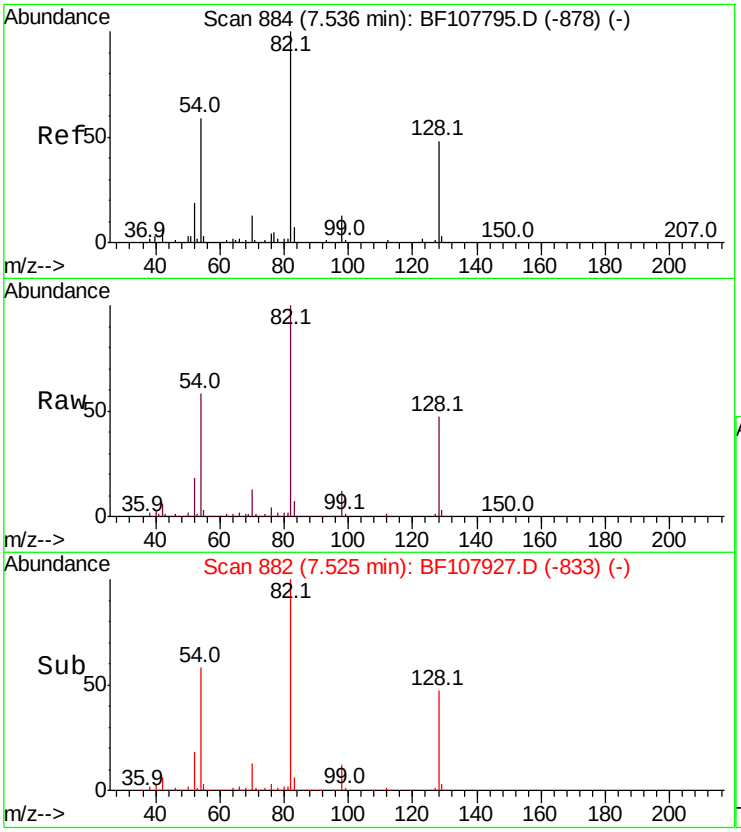


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107927.D
Acq: 2 Aug 2018 23:23

Tgt Ion:136 Resp: 556990

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.0	6.6	9.8
68	5.5	5.0	7.4



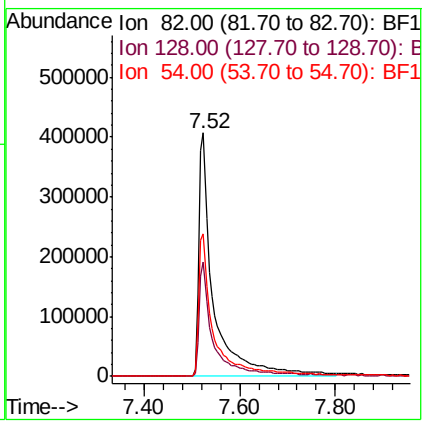


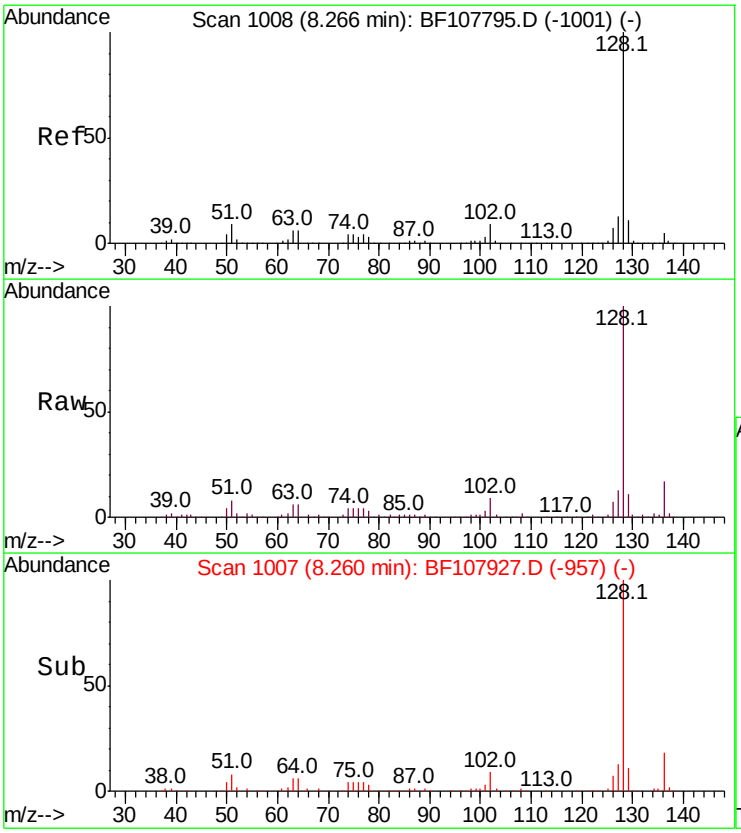
#23
Nitrobenzene-d5
Concen: 90.223 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107927.D
Acq: 2 Aug 2018 23:23

Instrument :
BNA_F
ClientSampleId :
GW-03

Tgt Ion: 82 Resp: 872294

Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	58.5	41.4	62.2

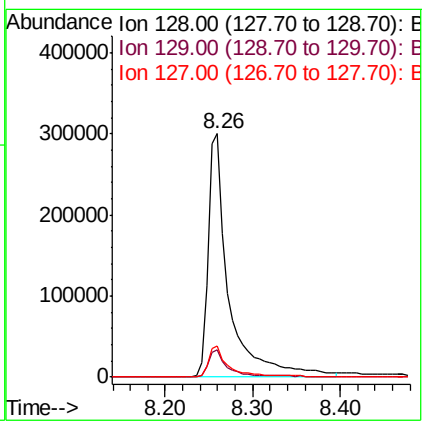


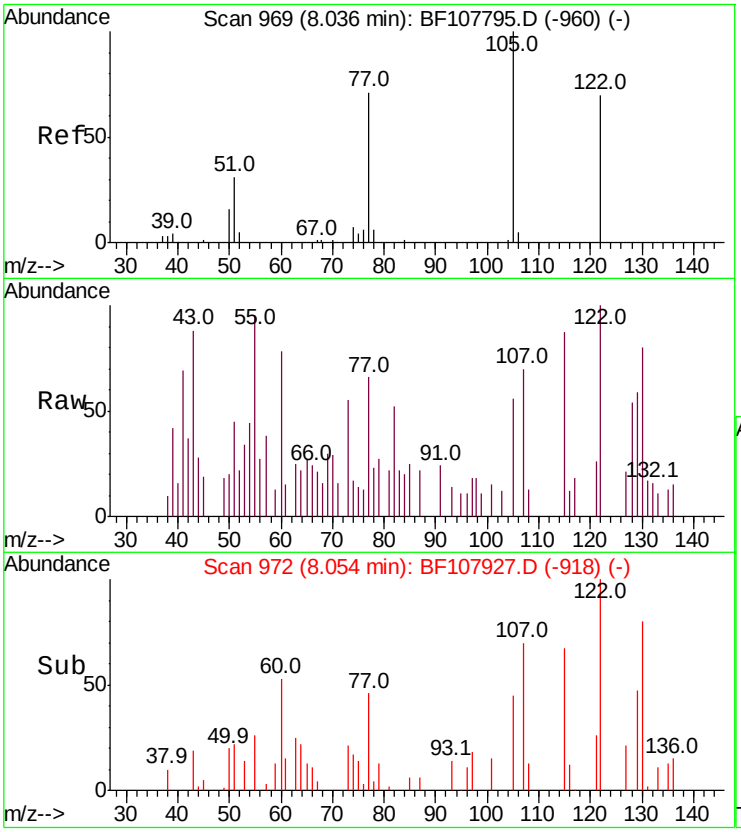


#31
Naphthalene
Concen: 18.856 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF107927.D
Acq: 2 Aug 2018 23:23

Tgt Ion:128 Resp: 488218

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.0	10.9	16.3



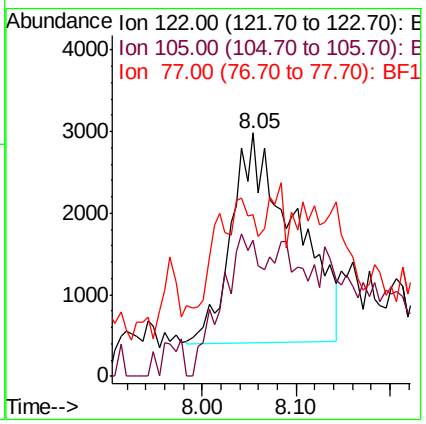


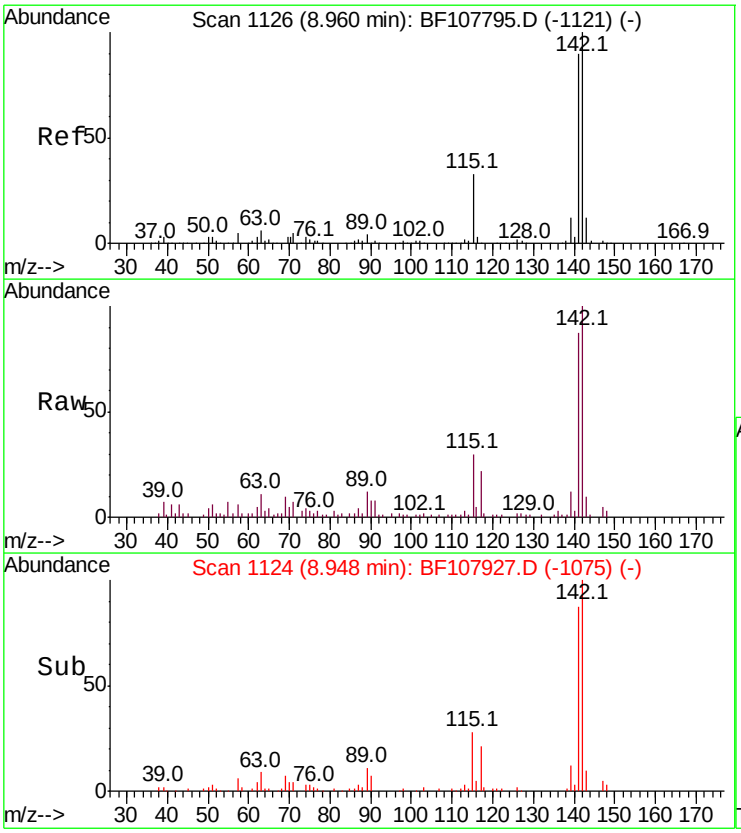
#32
Benzoic acid
Concen: 3.994 ng
RT: 8.05 min Scan# 972
Delta R.T. 0.02 min
Lab File: BF107927.D
Acq: 2 Aug 2018 23:23

Instrument :
BNA_F
ClientSampleId :
GW-03

Tgt Ion:122 Resp: 11800

Ion	Ratio	Lower	Upper
122	100		
105	55.8	101.1	141.1#
77	66.4	70.7	110.7#

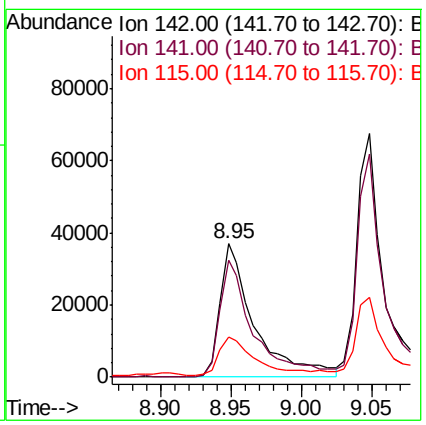


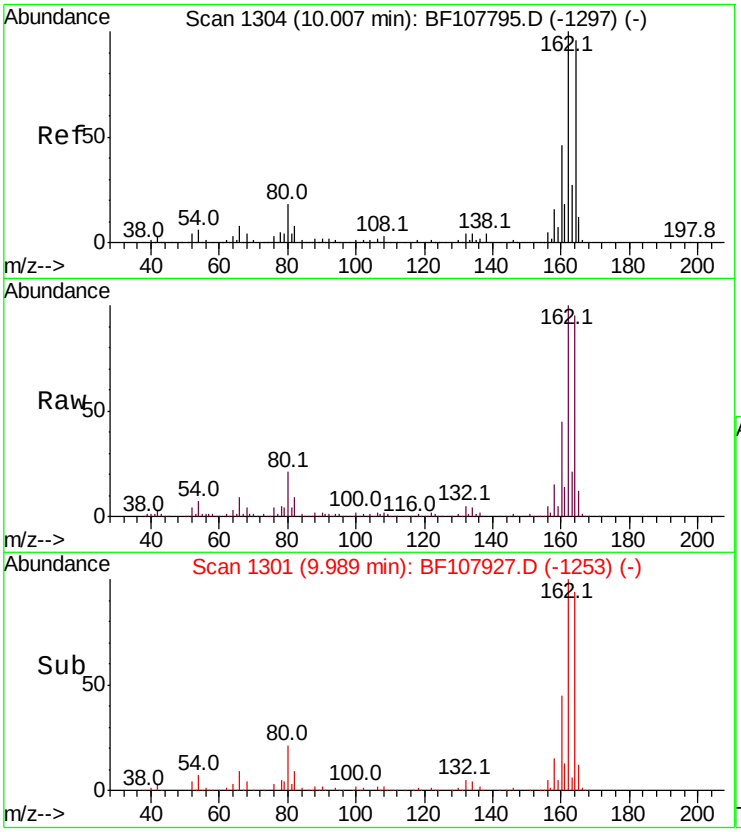


#37
2-Methylnaphthalene
Concen: 3.859 ng
RT: 8.95 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF107927.D
Acq: 2 Aug 2018 23:23

Tgt Ion:142 Resp: 62756

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.8	106.2
115	30.2	26.1	39.1



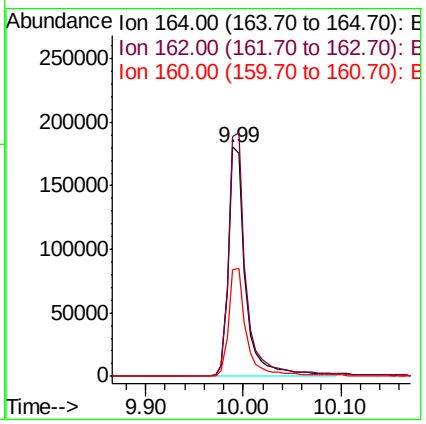


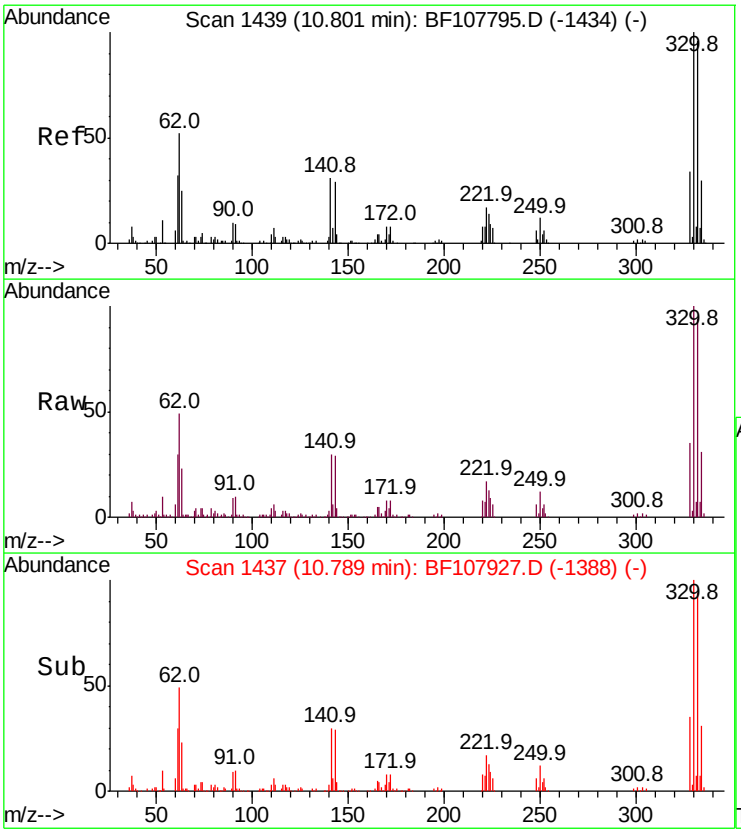
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107927.D
Acq: 2 Aug 2018 23:23

Instrument :
BNA_F
ClientSampleId :
GW-03

Tgt Ion:164 Resp: 221806

Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	46.8	38.3	57.5

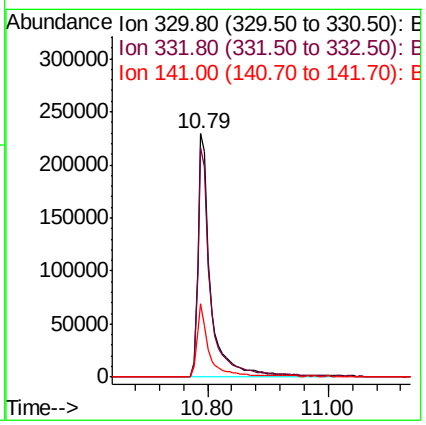


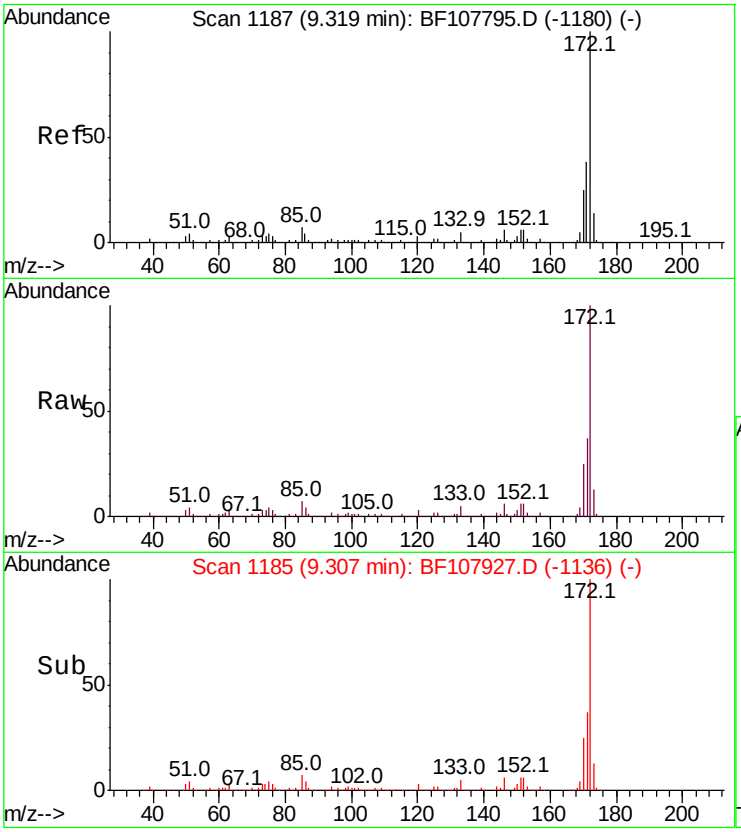


#41
2,4,6-Tribromophenol
Concen: 113.081 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF107927.D
Acq: 2 Aug 2018 23:23

Tgt Ion:330 Resp: 340815

Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.0	115.6
141	28.7	29.9	44.9#



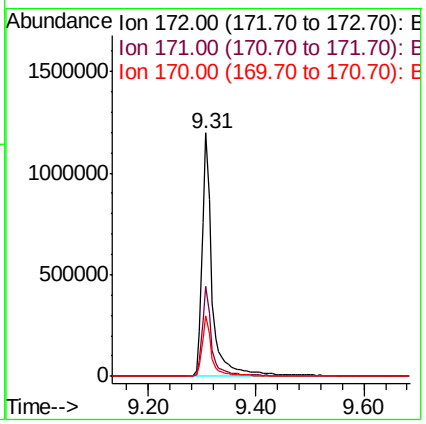


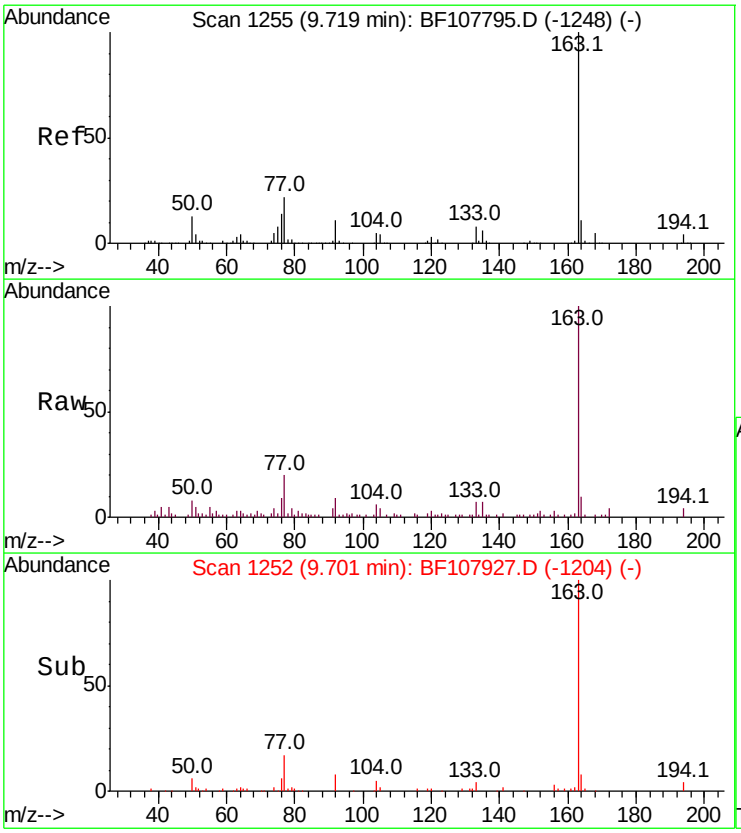
#44
2-Fluorobiphenyl
Concen: 98.799 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF107927.D
Acq: 2 Aug 2018 23:23

Instrument :
BNA_F
ClientSampleId :
GW-03

Tgt Ion:172 Resp: 1572610

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.7	19.6	29.4

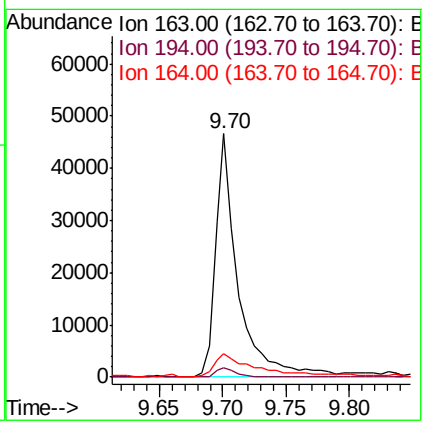


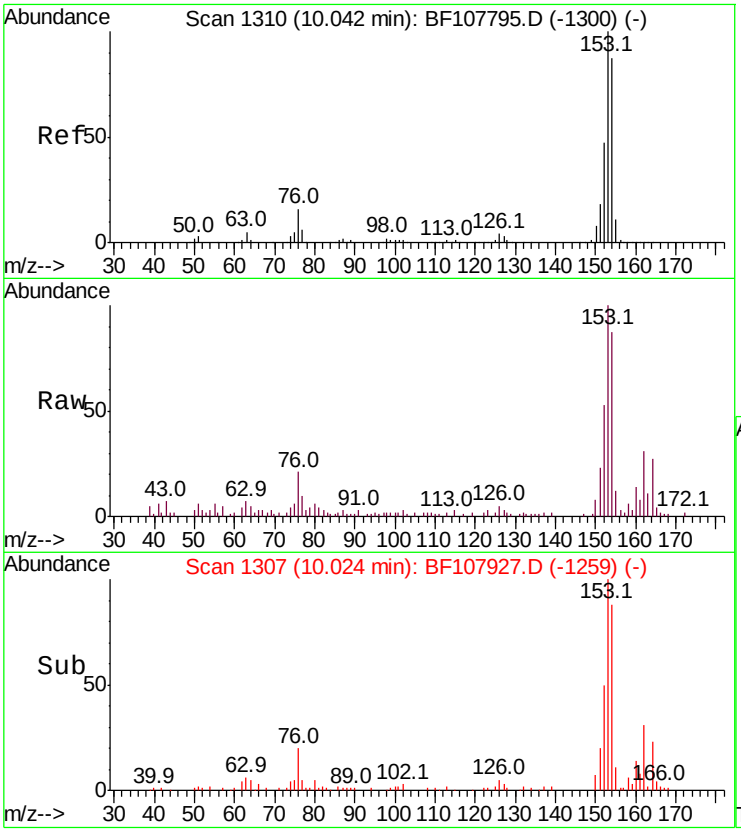


#49
Dimethylphthalate
Concen: 3.473 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107927.D
Acq: 2 Aug 2018 23:23

Tgt Ion:163 Resp: 57855

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.8	8.2	12.2



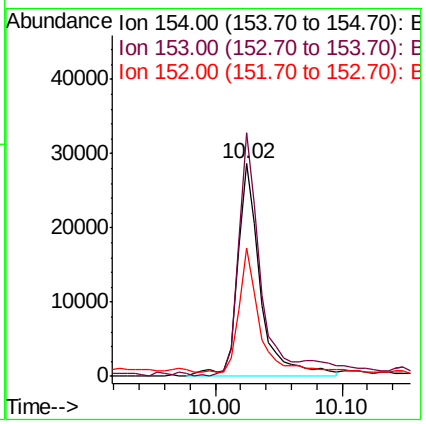


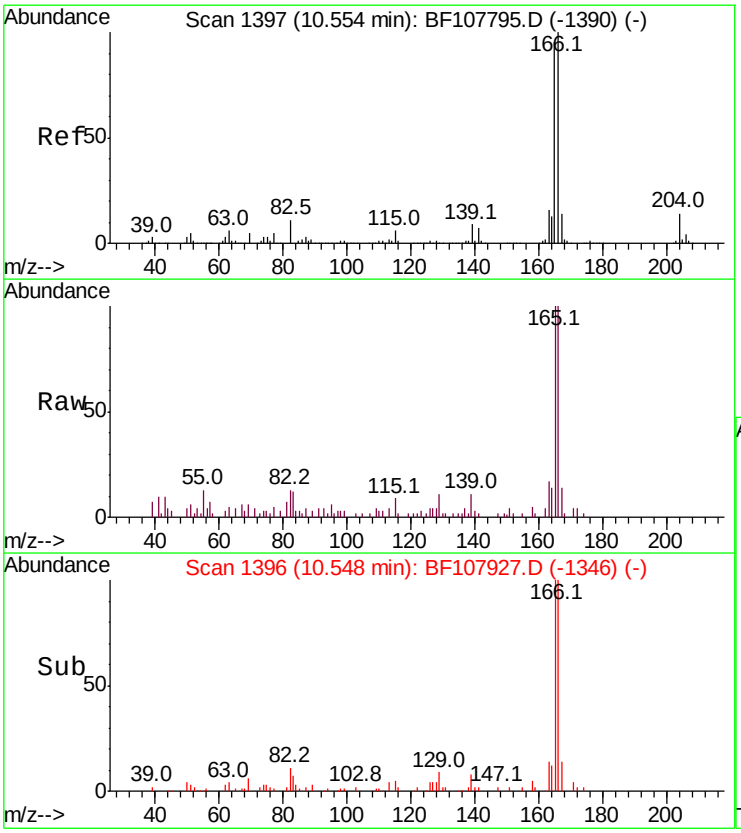
#51
Acenaphthene
Concen: 2.590 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF107927.D
Acq: 2 Aug 2018 23:23

Instrument :
BNA_F
ClientSampleId :
GW-03

Tgt Ion:154 Resp: 35509

Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.2	136.8
152	60.2	43.8	65.8

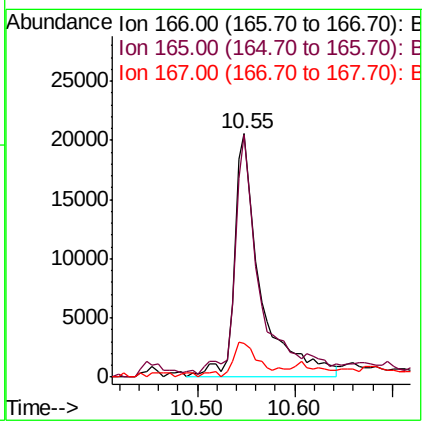


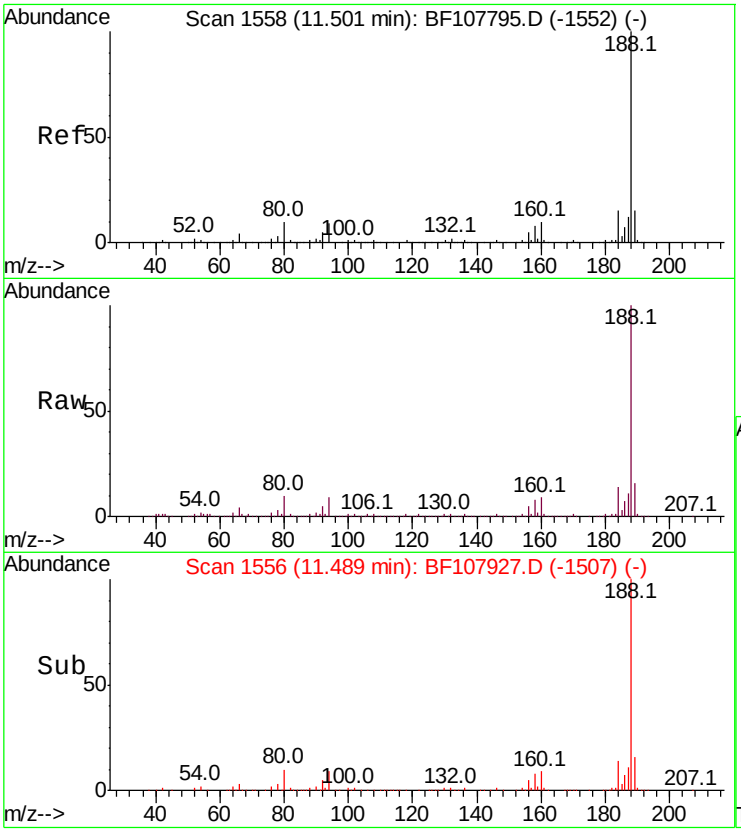


#57
Fluorene
Concen: 2.328 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF107927.D
Acq: 2 Aug 2018 23:23

Tgt Ion:166 Resp: 38335

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.8	119.8
167	14.1	10.6	16.0



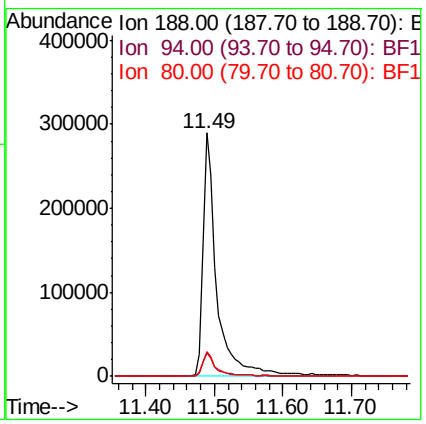


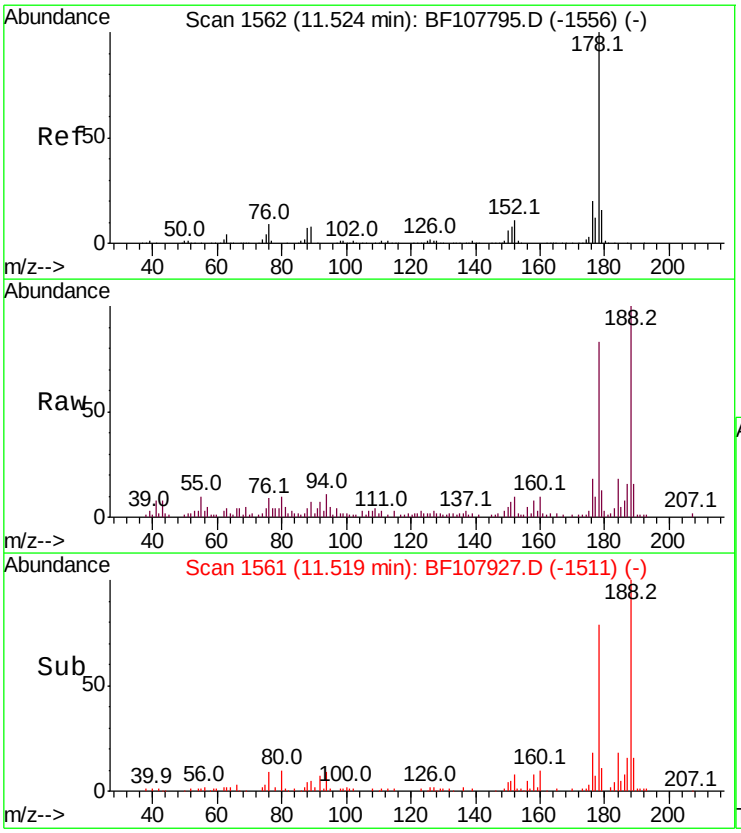
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107927.D
Acq: 2 Aug 2018 23:23

Instrument :
BNA_F
ClientSampleId :
GW-03

Tgt Ion:188 Resp: 419504

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.4	9.2	13.8

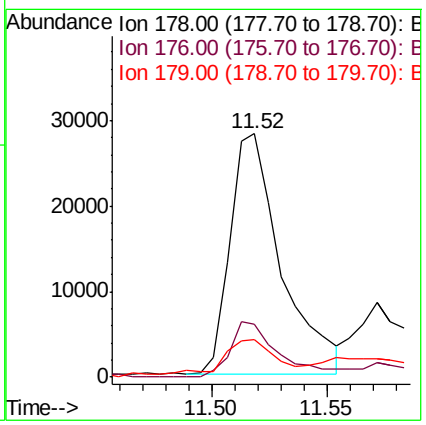


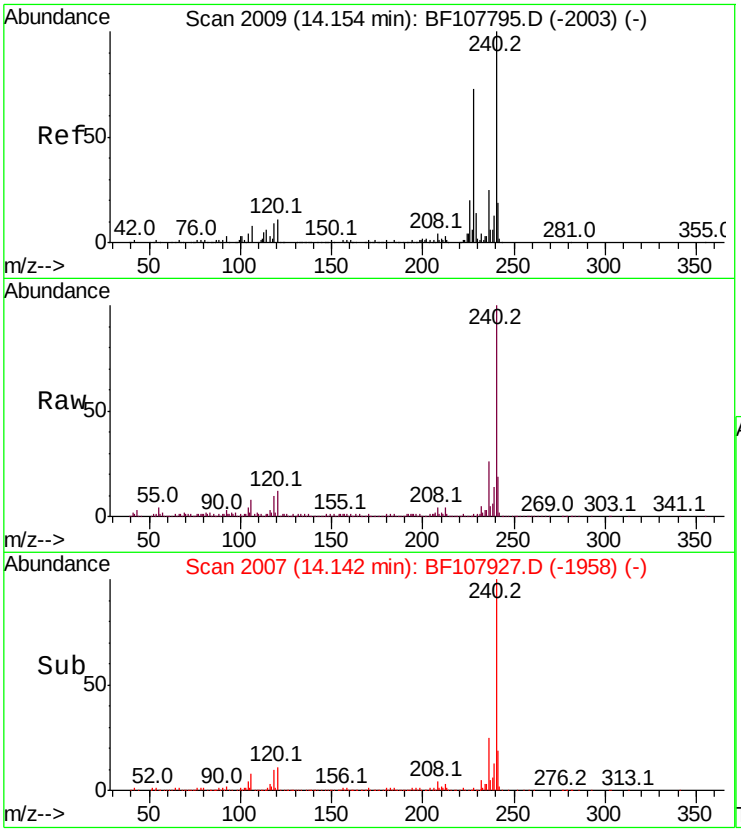


#70
Phenanthrene
Concen: 2.194 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107927.D
Acq: 2 Aug 2018 23:23

Tgt Ion:178 Resp: 43698

Ion	Ratio	Lower	Upper
178	100		
176	22.0	15.8	23.8
179	15.6	13.0	19.6



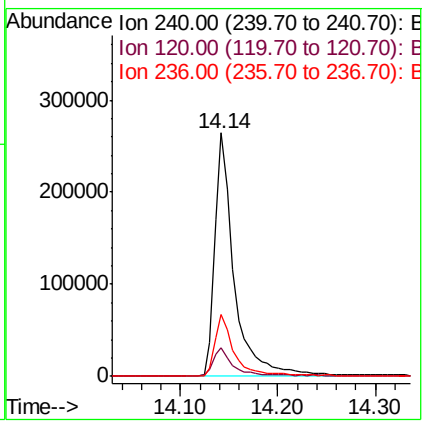


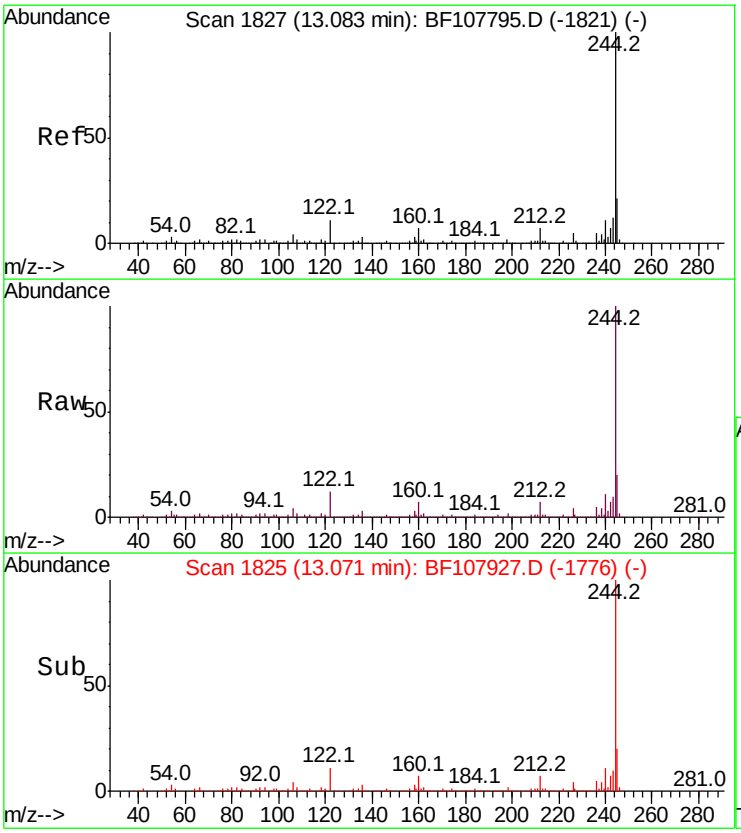
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107927.D
Acq: 2 Aug 2018 23:23

Instrument :
BNA_F
ClientSampleId :
GW-03

Tgt Ion:240 Resp: 366190

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	25.6	20.7	31.1

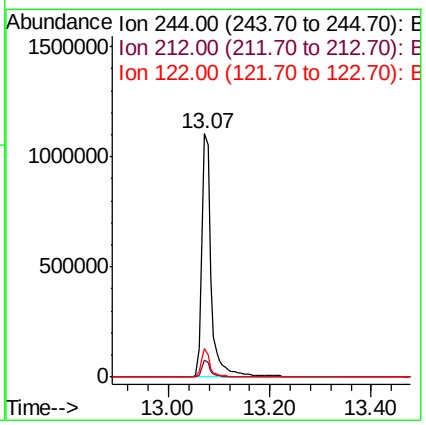


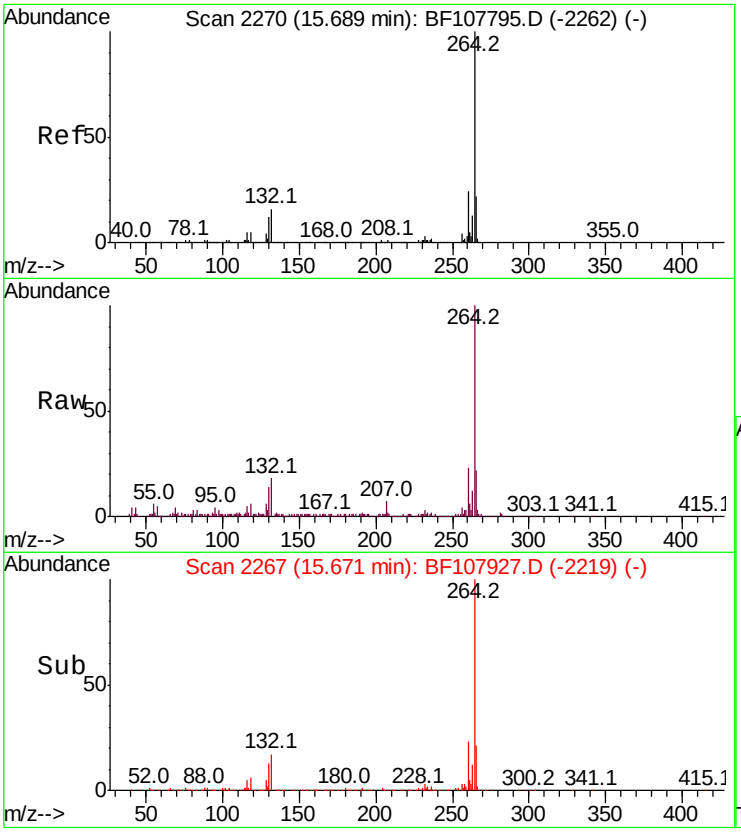


#78
Terphenyl-d14
Concen: 85.338 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107927.D
Acq: 2 Aug 2018 23:23

Tgt Ion:244 Resp: 1441129

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF107927.D
Acq: 2 Aug 2018 23:23

Instrument :
BNA_F
ClientSampleId :
GW-03

Tgt Ion:264 Resp: 309627

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.7	17.5	26.3