Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072618\
Data File : BF107736.D
Acq On : 27 Jul 2018 9:03
Operator : JU/SJ
Sample : J4142-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 27 10:53:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	182947	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	698544	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	317409	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	502601	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	438300	20.00	ng	-0.02
86) Perylene-d12	15.68	264	471351	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	525408	46.17	ng	-0.01
7) Phenol-d6	6.60	99	489014	35.79	ng	-0.01
23) Nitrobenzene-d5	7.53	82	994345	96.07	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	442586	122.62	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1879048	109.61	ng	-0.02
78) Terphenyl-d14	13.08	244	1408554	82.27	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.48	77	816	Below Cal	#	1
18) Hexachloroethane	7.48	117	32408	6.522	ng	# 1
22) Acetophenone	7.29	105	53706	3.274	ng	# 75
25) Isophorone	7.53	82	994345	44.992	ng	# 64
32) Benzoic acid	8.04	122	4895	8.518	ng	# 1
49) Dimethylphthalate	9.71	163	158180	6.612	ng	# 94
53) 2,4-Dinitrophenol	10.06	184	131	8.361	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.62	198	1717	9.260	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	26813	4.532	ng	# 1
73) Di-n-butylphthalate	12.04	149	2795	Below Cal	#	52
81) 3,3'-Dichlorobenzidine	14.05	252	215	Below Cal	#	45

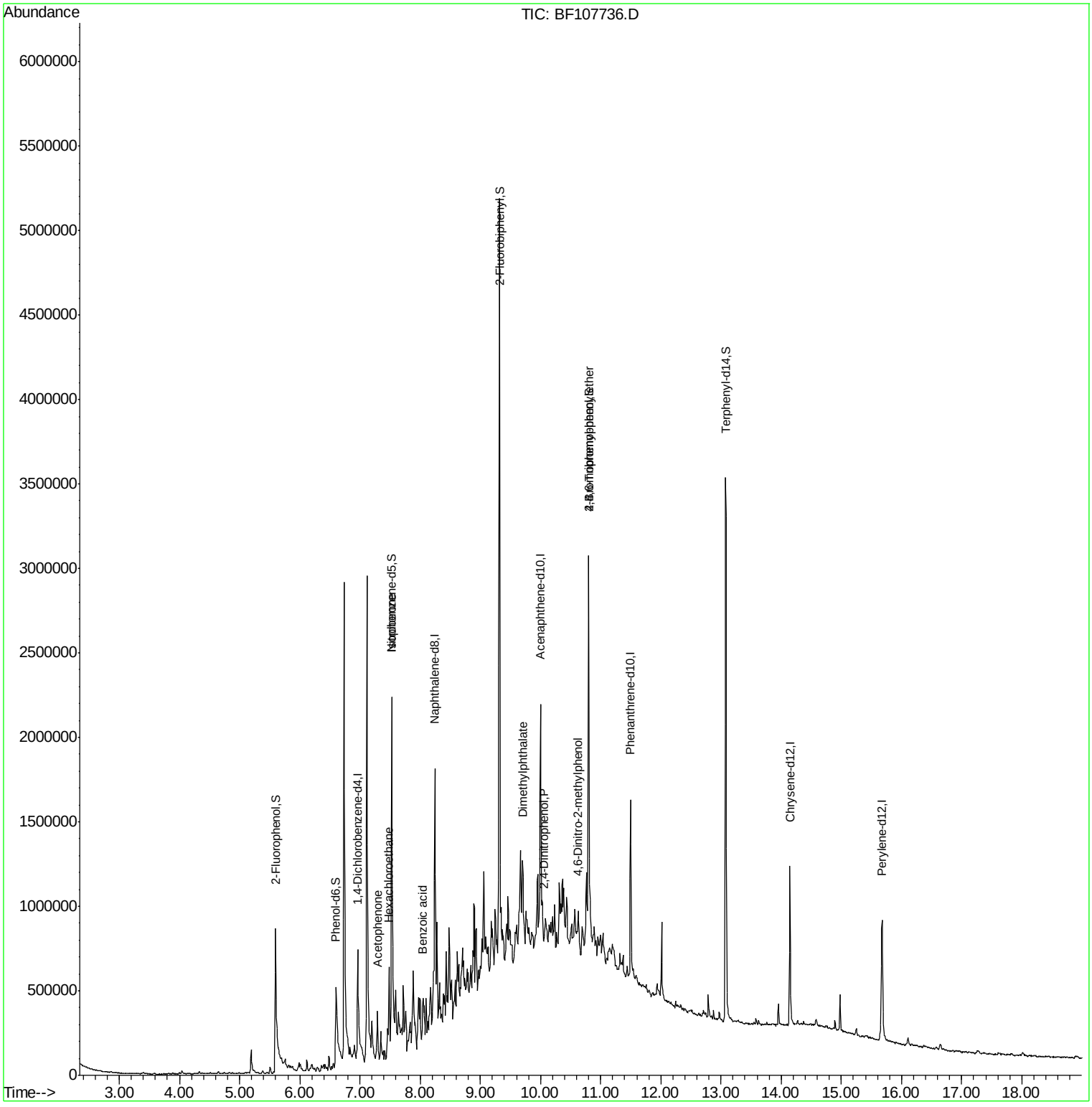
(#) = qualifier out of range (m) = manual integration (+) = signals summed

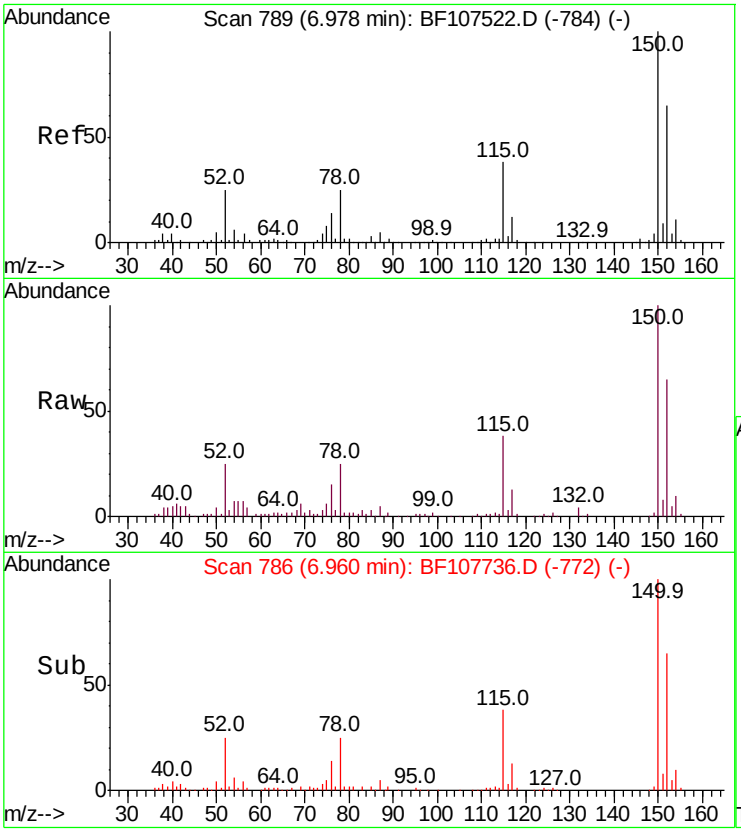
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072618\
Data File : BF107736.D
Acq On : 27 Jul 2018 9:03
Operator : JU/SJ
Sample : J4142-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 27 10:53:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration



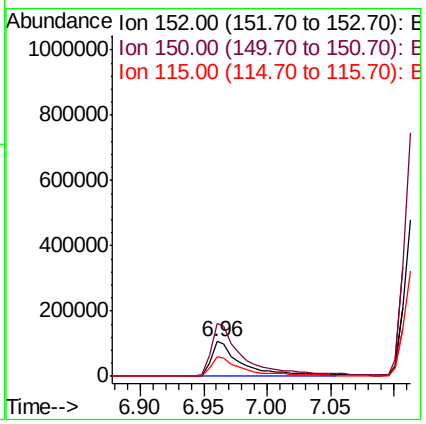


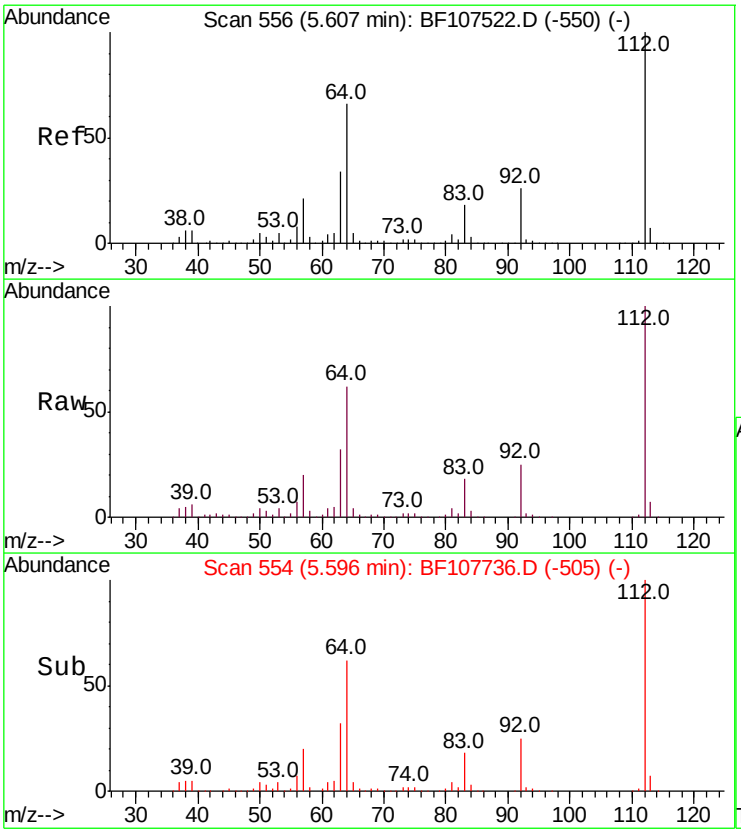
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107736.D
Acq: 27 Jul 2018 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 182947

Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	58.6	50.1	75.1

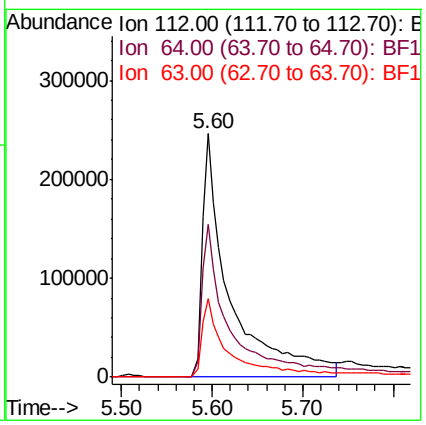


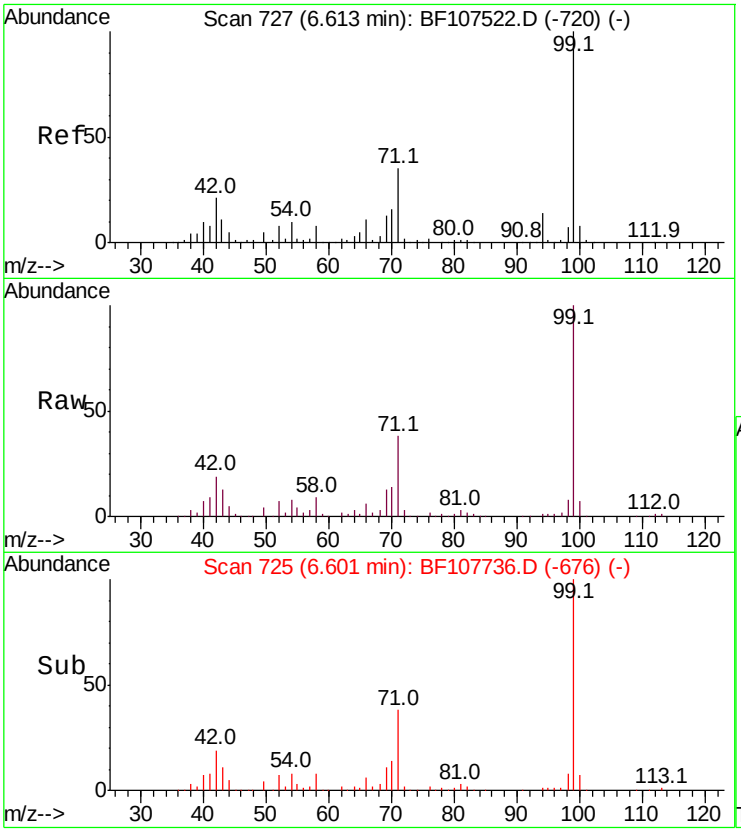


#5
2-Fluorophenol
Concen: 46.175 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107736.D
Acq: 27 Jul 2018 9:03

Tgt Ion:112 Resp: 525408

Ion	Ratio	Lower	Upper
112	100		
64	62.5	47.9	71.9
63	32.0	23.7	35.5



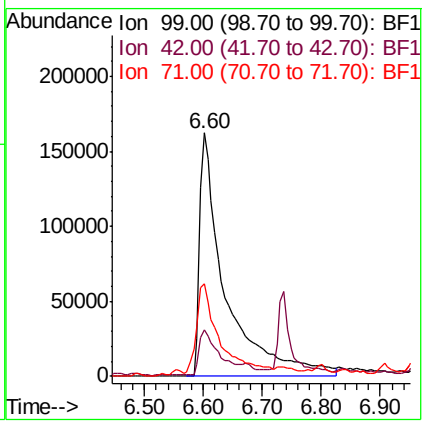


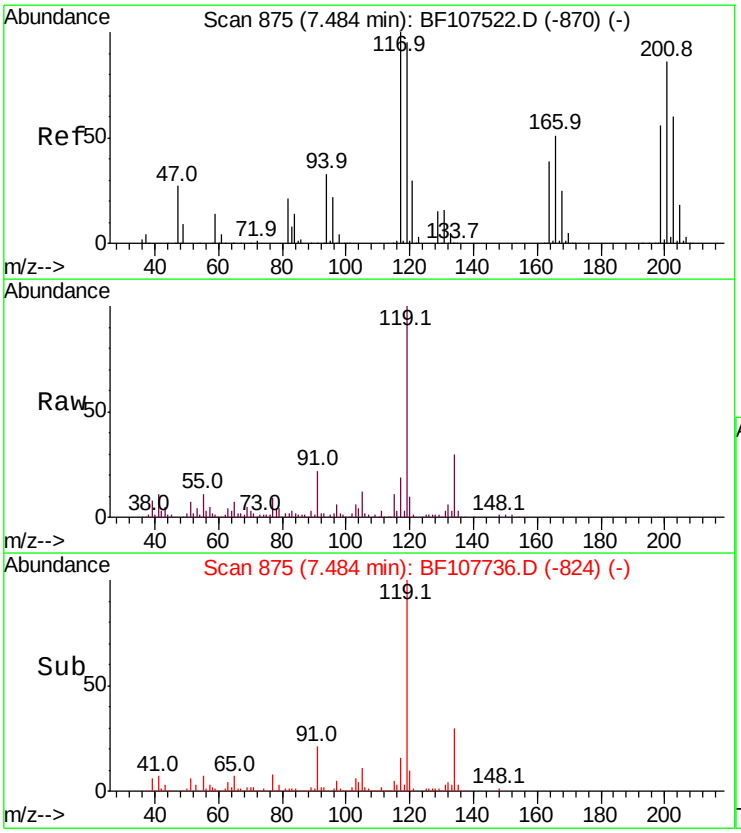
#7
Phenol-d6
Concen: 35.792 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107736.D
Acq: 27 Jul 2018 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 489014

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	37.9	25.4	38.0

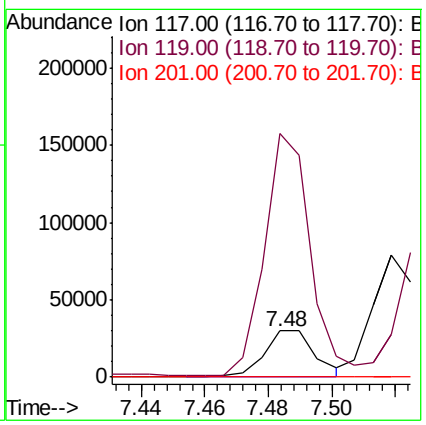


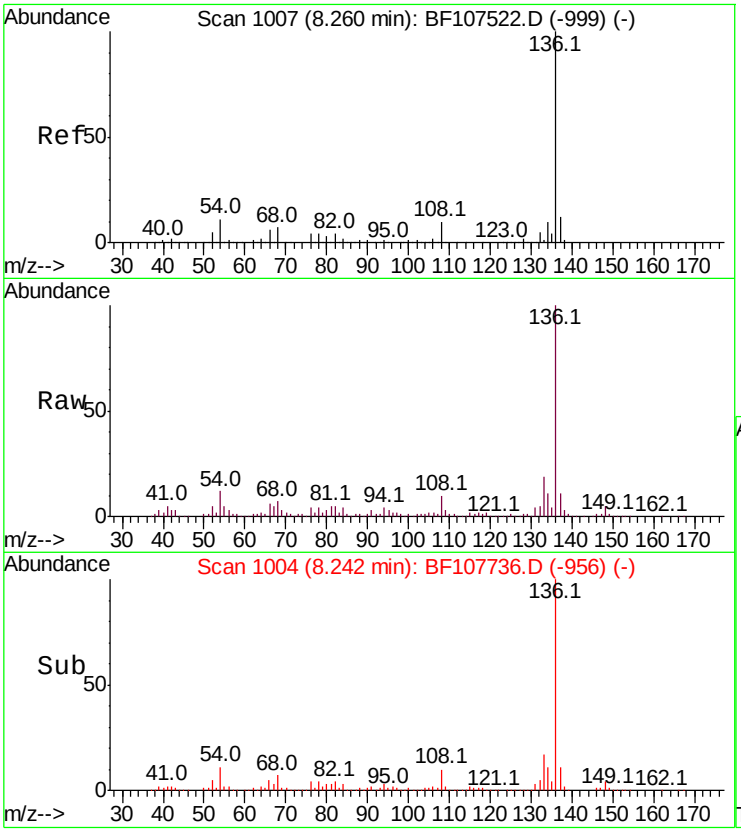


#18
Hexachloroethane
Concen: 6.522 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF107736.D
Acq: 27 Jul 2018 9:03

Tgt Ion:117 Resp: 32408

Ion	Ratio	Lower	Upper
117	100		
119	527.6	75.8	113.8#
201	0.0	75.7	113.5#



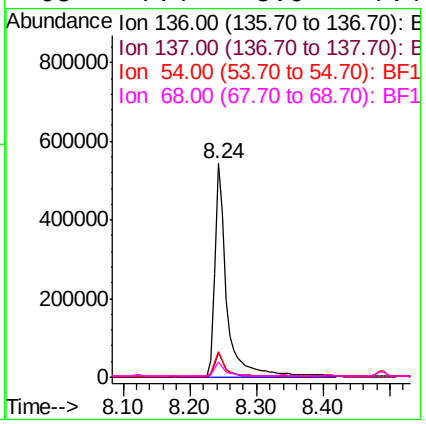


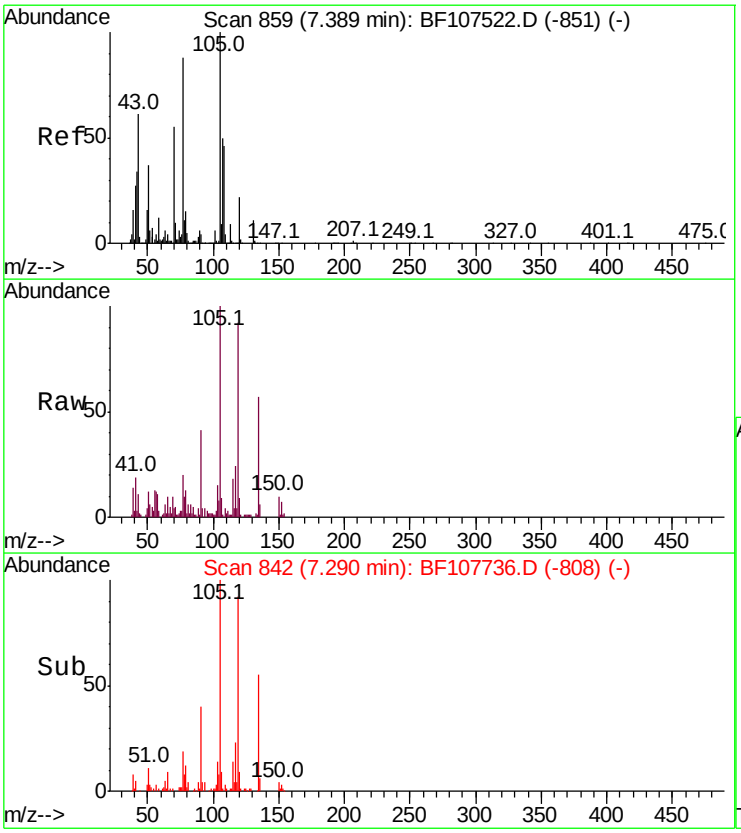
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107736.D
Acq: 27 Jul 2018 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 698544

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	11.7	6.6	9.8#
68	7.4	5.0	7.4

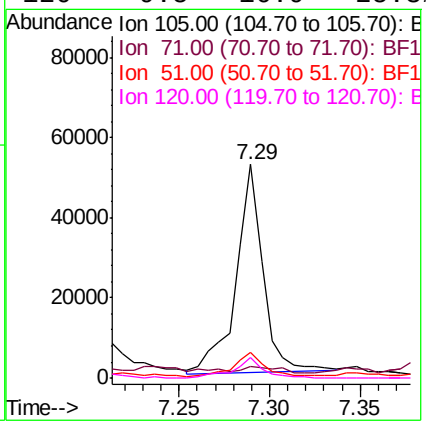


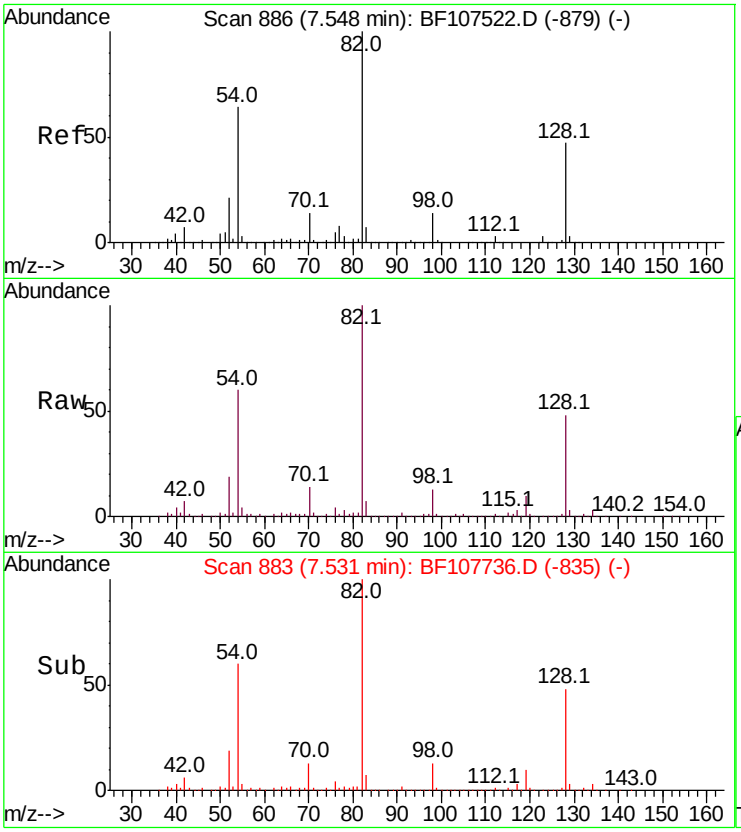


#22
Acetophenone
Concen: 3.274 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.10 min
Lab File: BF107736.D
Acq: 27 Jul 2018 9:03

Tgt Ion:105 Resp: 53706

Ion	Ratio	Lower	Upper
105	100		
71	5.2	4.4	6.6
51	12.1	22.3	33.5#
120	9.5	16.9	25.3#



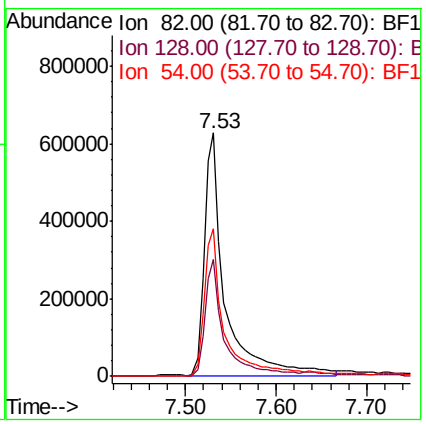


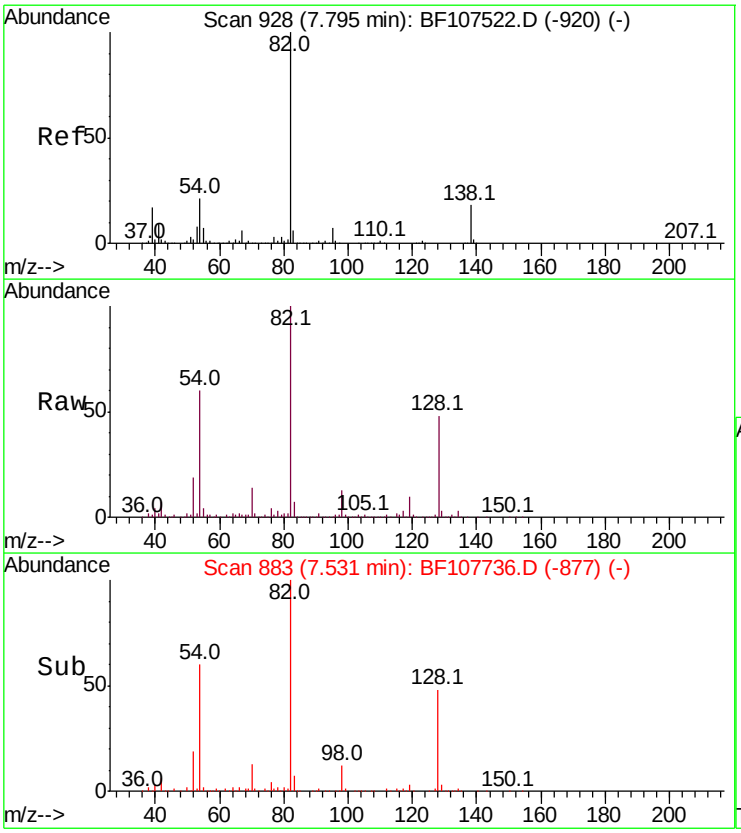
#23
Nitrobenzene-d5
Concen: 96.066 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107736.D
Acq: 27 Jul 2018 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 994345

Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.1	54.1
54	60.4	41.4	62.2

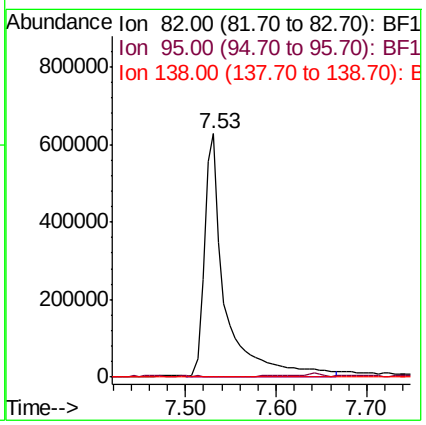


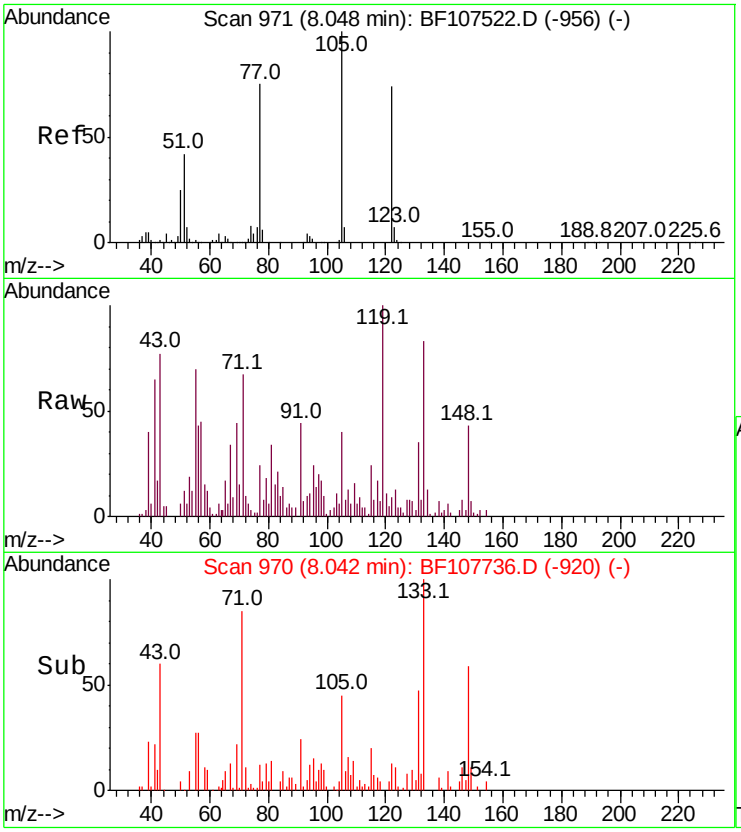


#25
Isophorone
Concen: 44.992 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF107736.D
Acq: 27 Jul 2018 9:03

Tgt Ion: 82 Resp: 994345

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.2	7.8#
138	0.0	14.9	22.3#



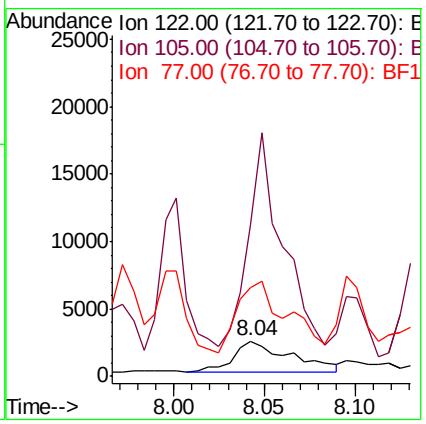


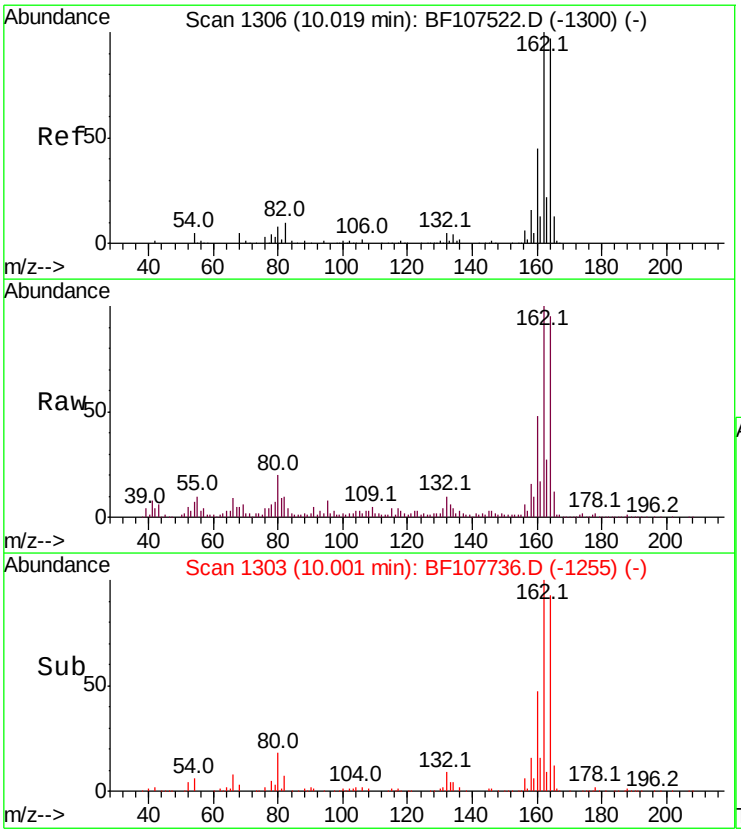
#32
Benzoic acid
Concen: 8.518 ng
RT: 8.04 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF107736.D
Acq: 27 Jul 2018 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 4895

Ion	Ratio	Lower	Upper
122	100		
105	433.3	101.1	141.1#
77	254.6	70.7	110.7#

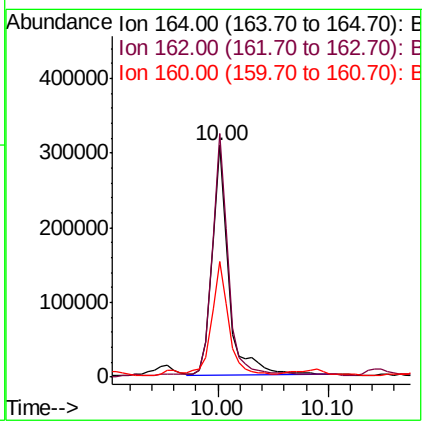


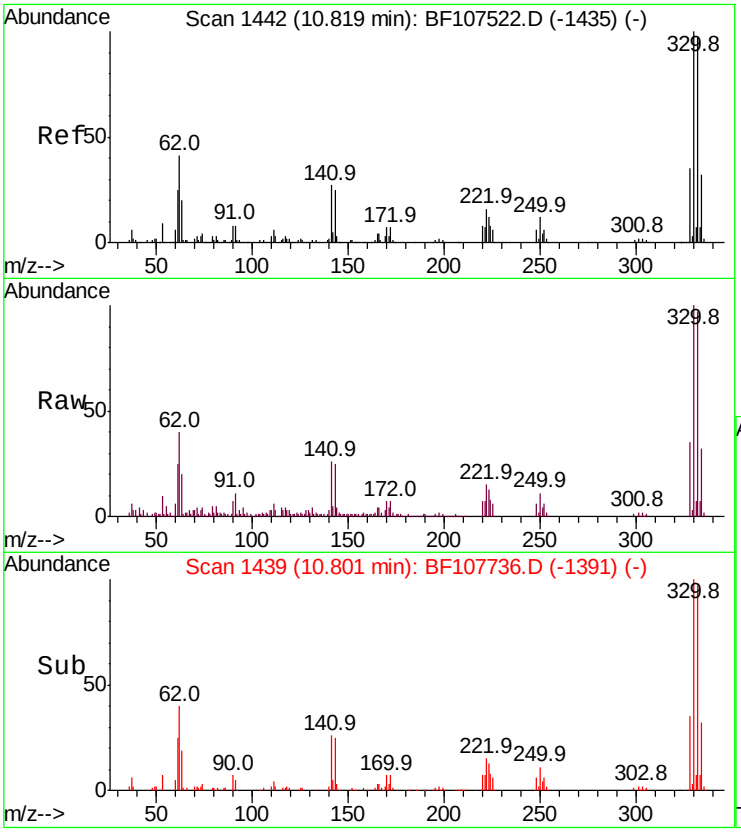


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107736.D
Acq: 27 Jul 2018 9:03

Tgt Ion:164 Resp: 317409

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	50.1	38.3	57.5



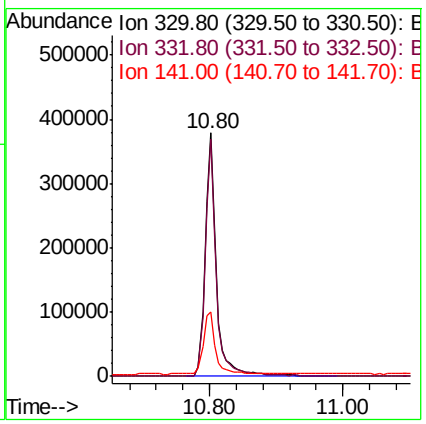


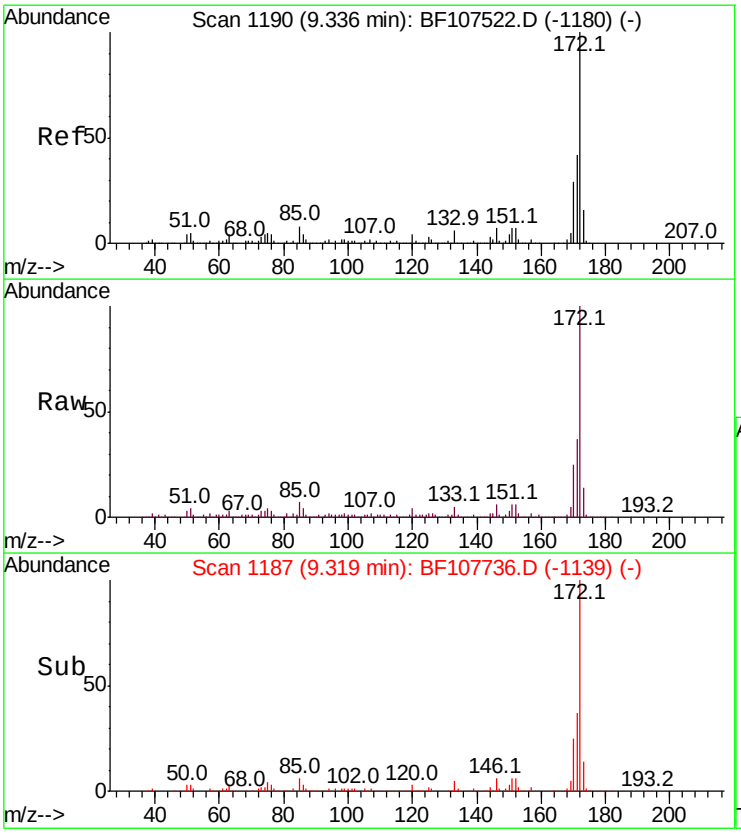
#41
2,4,6-Tribromophenol
Concen: 122.619 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF107736.D
Acq: 27 Jul 2018 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 442586

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	26.6	29.9	44.9#

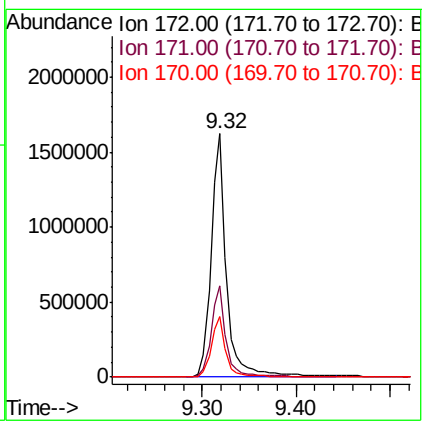


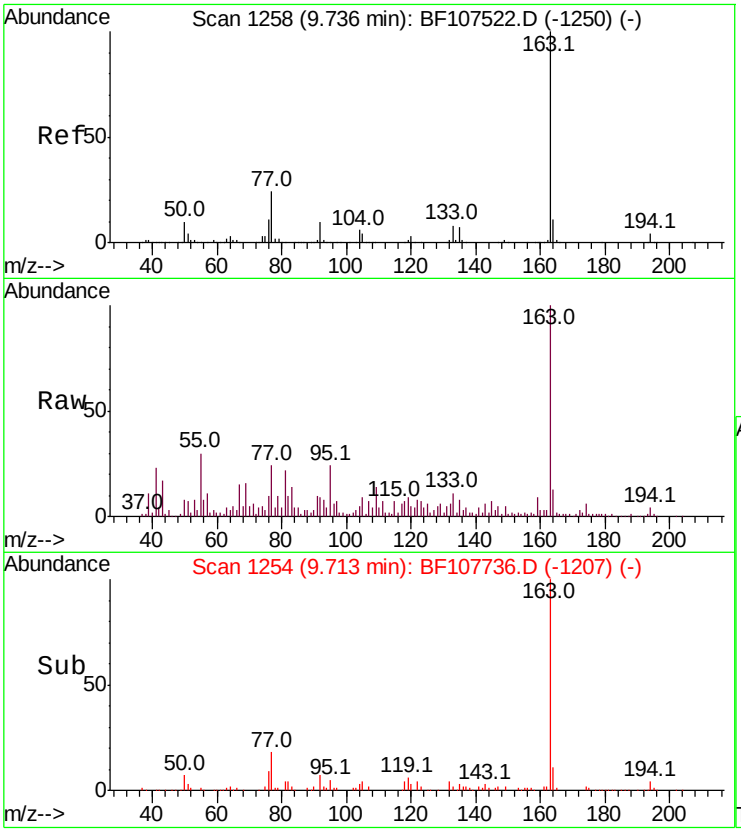


#44
2-Fluorobiphenyl
Concen: 109.610 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BF107736.D
Acq: 27 Jul 2018 9:03

Tgt Ion:172 Resp: 1879048

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	24.9	19.6	29.4

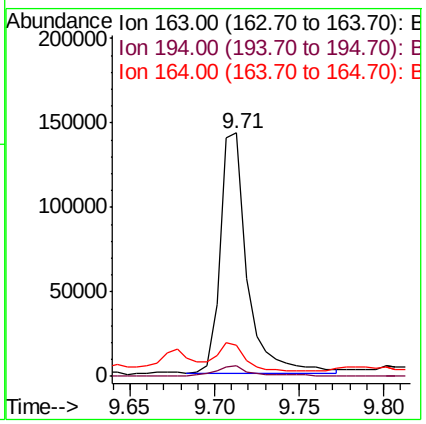




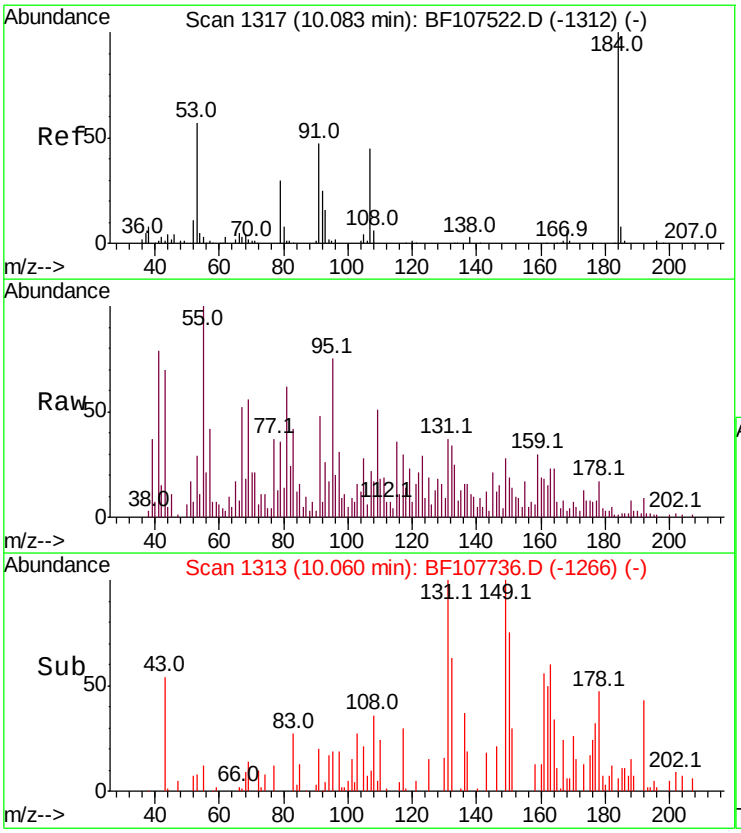
#49
Dimethylphthalate
Concen: 6.612 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107736.D
Acq: 27 Jul 2018 9:03

Tgt Ion:163 Resp: 158180

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	12.9	8.2	12.2#



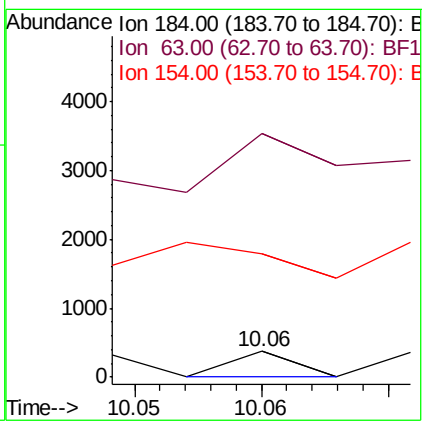
Instrument :
BNA_F
ClientSampleId :

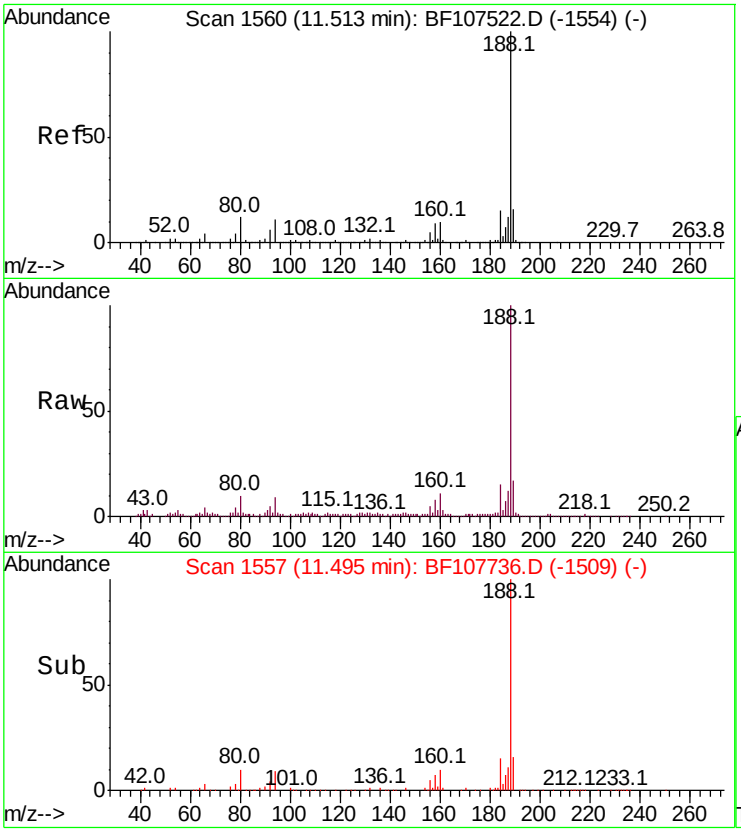


#53
2,4-Dinitrophenol
Concen: 8.361 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF107736.D
Acq: 27 Jul 2018 9:03

Tgt Ion:184 Resp: 131

Ion	Ratio	Lower	Upper
184	100		
63	950.5	54.2	81.2#
154	481.5	184.0	276.0#



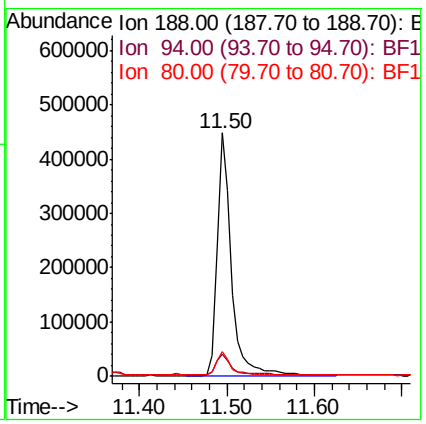


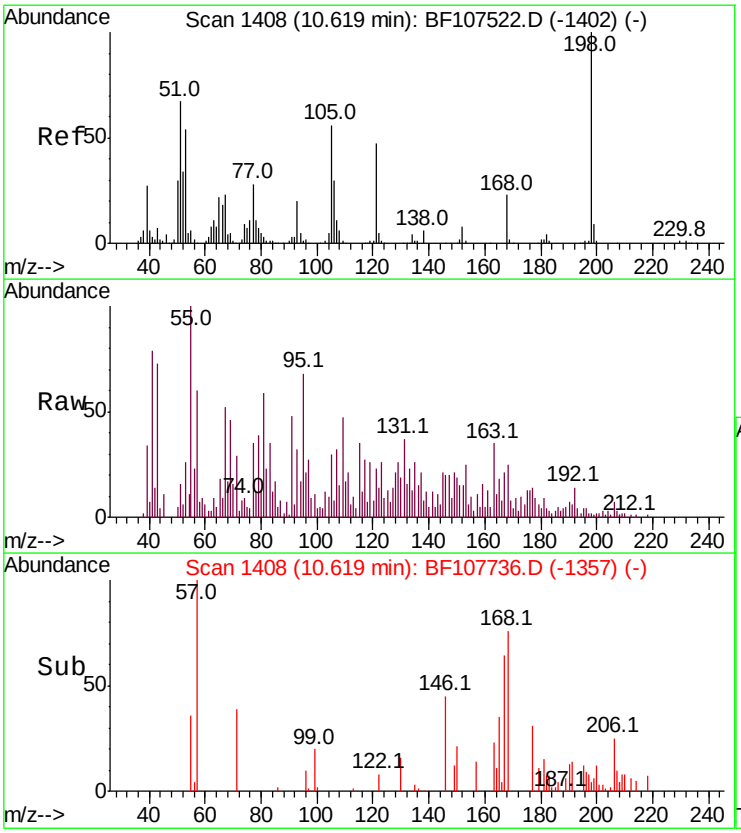
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107736.D
Acq: 27 Jul 2018 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 502601

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.2	9.2	13.8

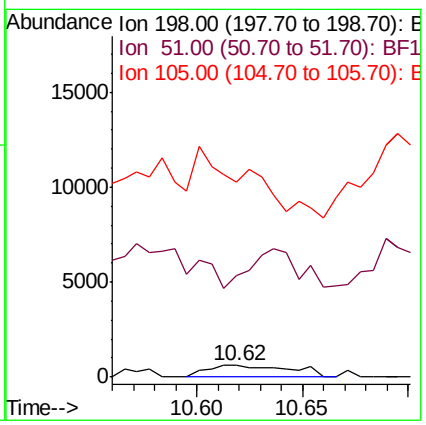


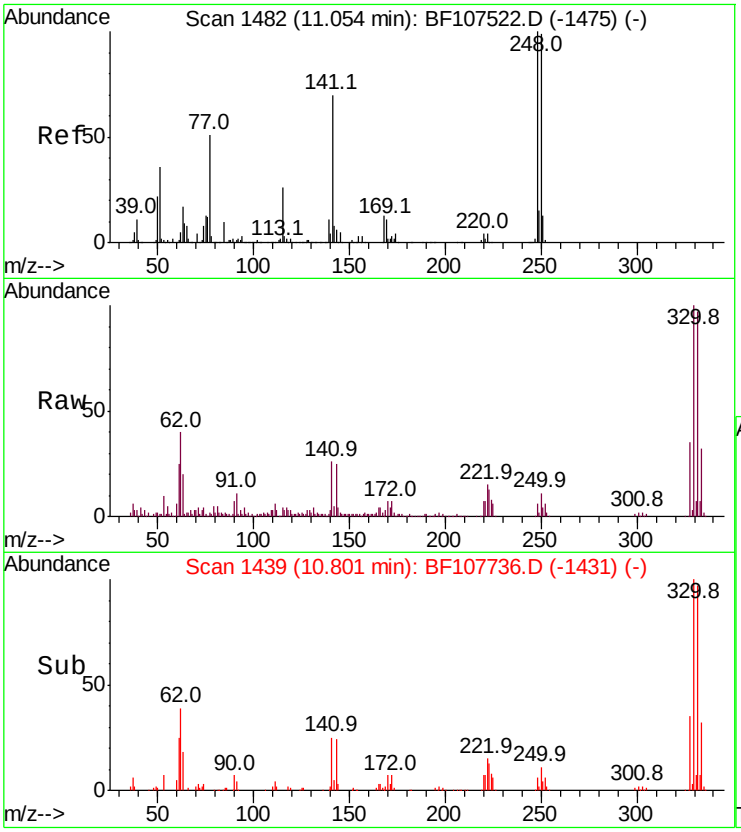


#64
4,6-Dinitro-2-methylphenol
Concen: 9.260 ng
RT: 10.62 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF107736.D
Acq: 27 Jul 2018 9:03

Tgt Ion:198 Resp: 1717

Ion	Ratio	Lower	Upper
198	100		
51	866.6	37.7	77.7#
105	1654.5	36.3	76.3#



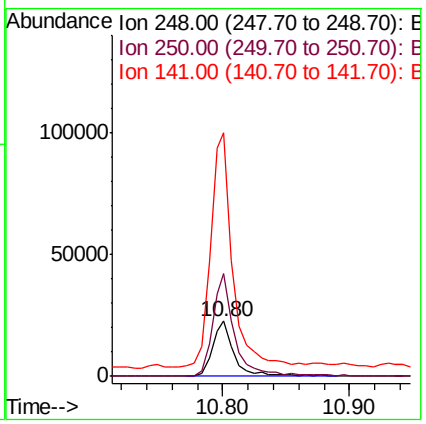


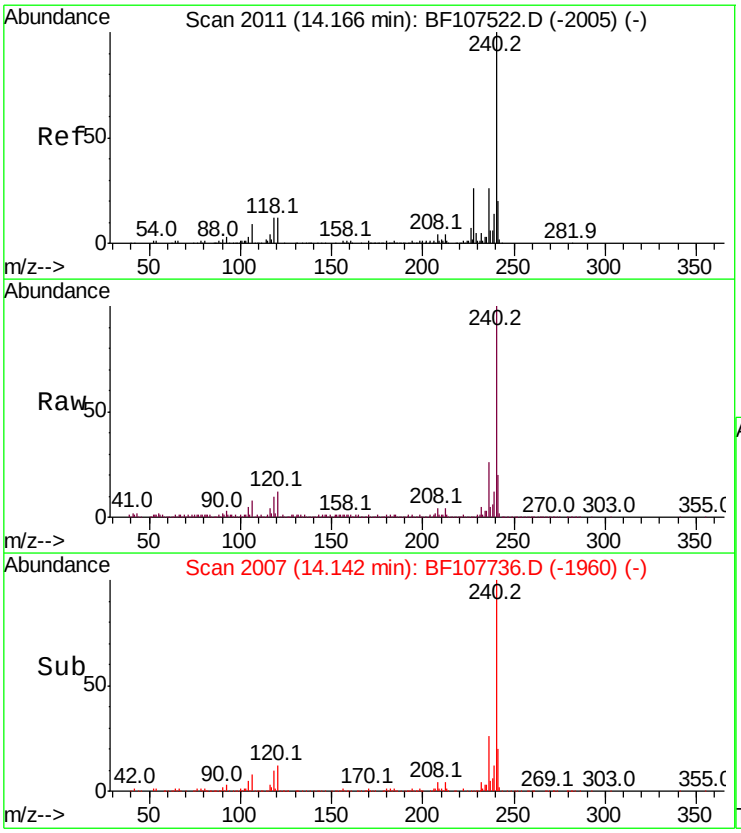
#66
4-Bromophenyl-phenylether
Concen: 4.532 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF107736.D
Acq: 27 Jul 2018 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 26813

Ion	Ratio	Lower	Upper
248	100		
250	185.8	76.9	115.3#
141	442.1	74.4	111.6#

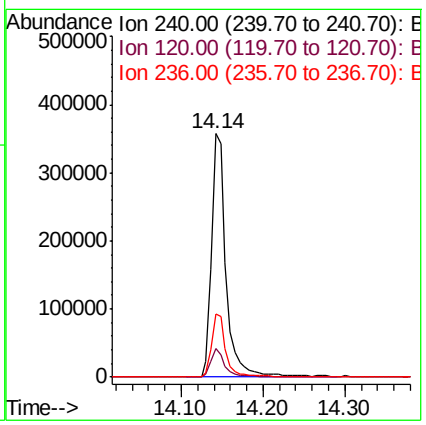


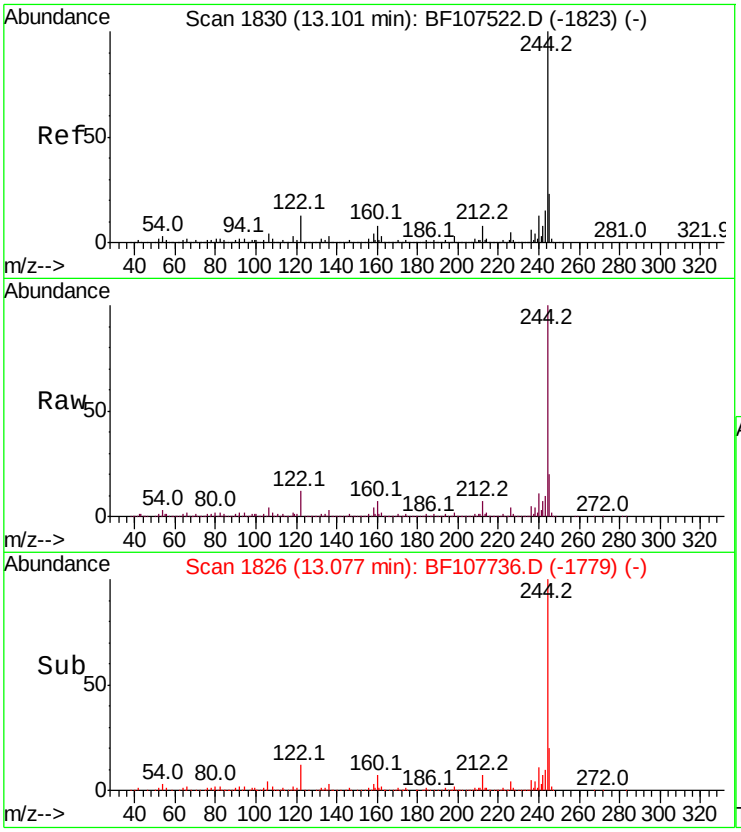


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107736.D
Acq: 27 Jul 2018 9:03

Tgt Ion:240 Resp: 438300

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.9	20.7	31.1



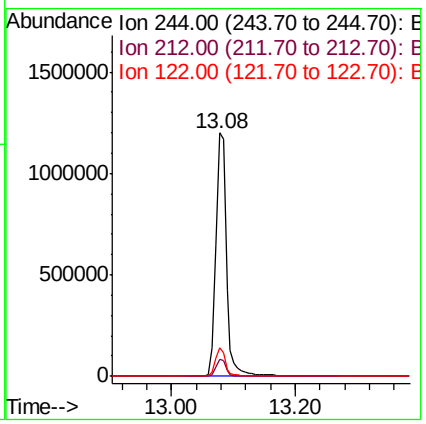


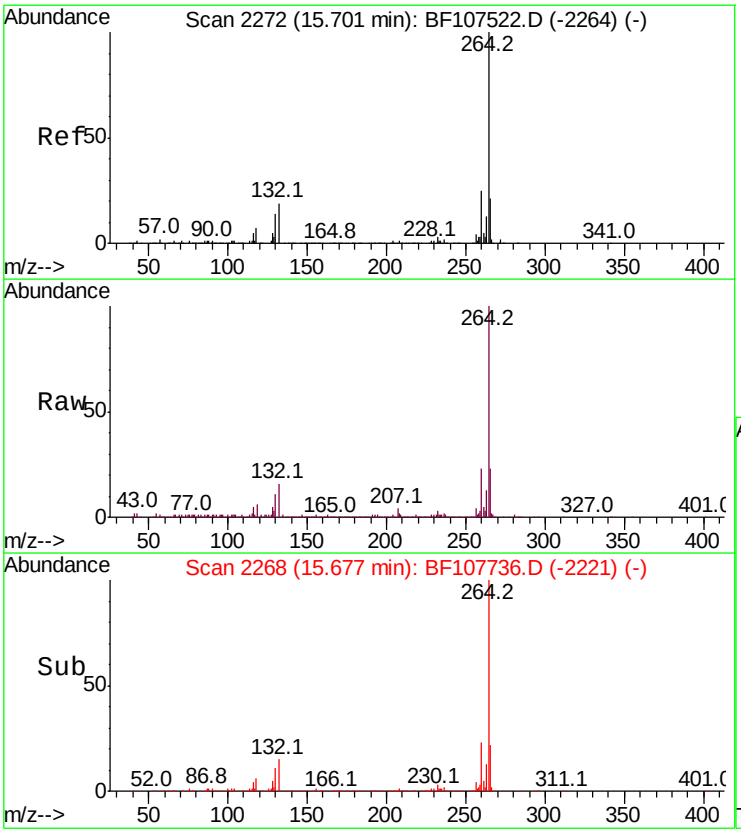
#78
Terphenyl-d14
Concen: 82.273 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF107736.D
Acq: 27 Jul 2018 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1408554

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF107736.D
Acq: 27 Jul 2018 9:03

Tgt Ion:264 Resp: 471351

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.5	17.5	26.3