Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073018\
Data File : BF107843.D
Acq On : 31 Jul 2018 11:04
Operator : JU/SJ
Sample : J4221-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A09

Quant Time: Jul 31 11:58:11 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	6.97	152	173625	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	714700	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	265536	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	444094	20.00	ng		0.00
75) Chrysene-d12	14.15	240	464160	20.00	ng		0.00
86) Perylene-d12	15.69	264	401330	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	609021	59.61	ng		0.00
7) Phenol-d6	6.60	99	511332	37.98	ng		0.00
23) Nitrobenzene-d5	7.53	82	1143800	92.20	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	382639	106.05	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1957261	102.71	ng		0.00
78) Terphenyl-d14	13.08	244	1582481	73.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	489	5.883	ng	#	20
9) Benzaldehyde	6.74	77	23850	2.936	ng		84
15) Benzyl Alcohol	7.12	79	18025	2.154	ng	#	41
19) n-Nitroso-di-n-propylamine	7.53	70	137721	16.125	ng	#	75
25) Isophorone	7.53	82	1143800	56.168	ng	#	64
49) Dimethylphthalate	9.71	163	56774	2.847	ng		100
50) 2,6-Dinitrotoluene	10.00	165	32850	7.580	ng	#	25
55) 4-Nitrophenol	10.14	139	2656	10.226	ng	#	9
56) 2,4-Dinitrotoluene	10.00	165	33011	5.795	ng	#	23
66) 4-Bromophenyl-phenylether	10.80	248	22585	4.363	ng	#	1

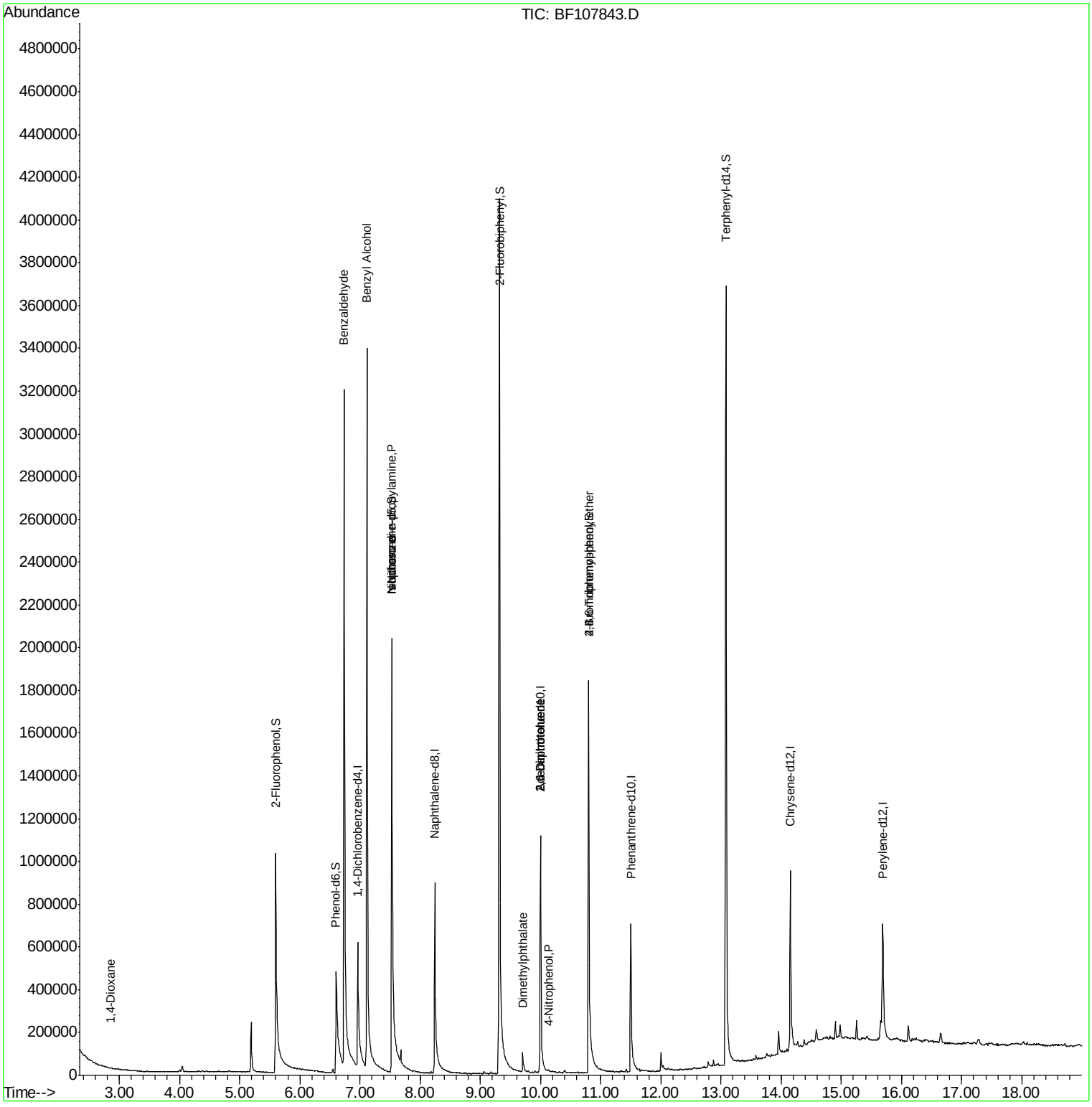
(#) = qualifier out of range (m) = manual integration (+) = signals summed

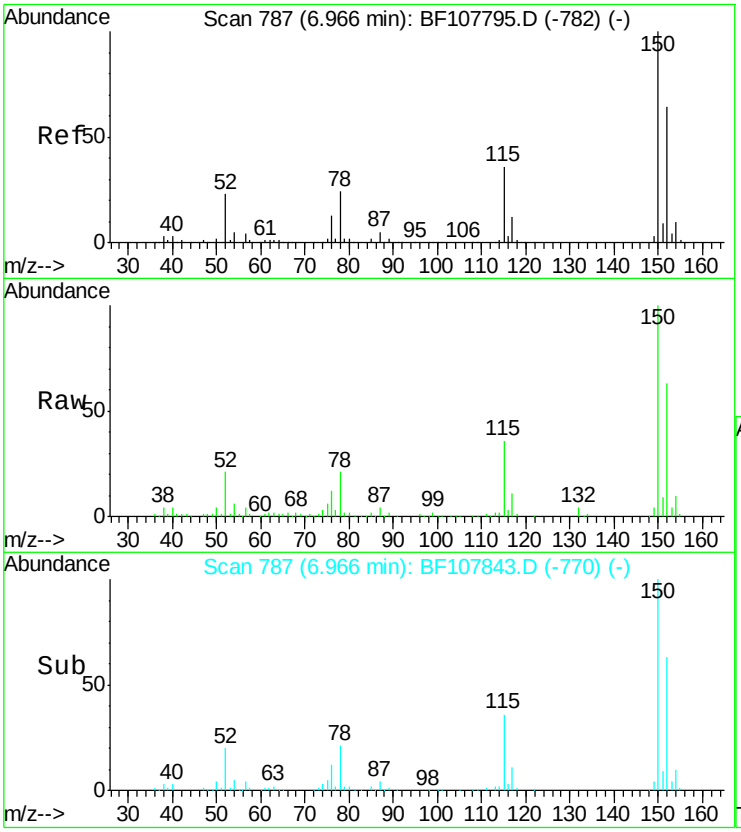
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073018\
Data File : BF107843.D
Acq On : 31 Jul 2018 11:04
Operator : JU/SJ
Sample : J4221-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-A09

Quant Time: Jul 31 11:58:11 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



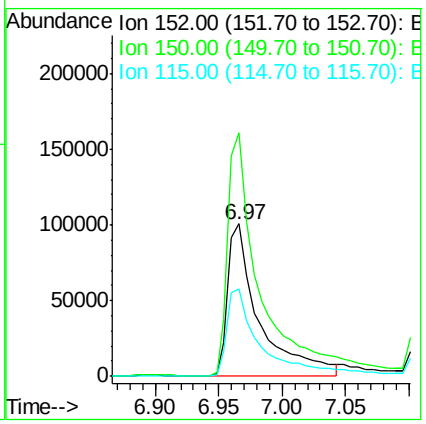


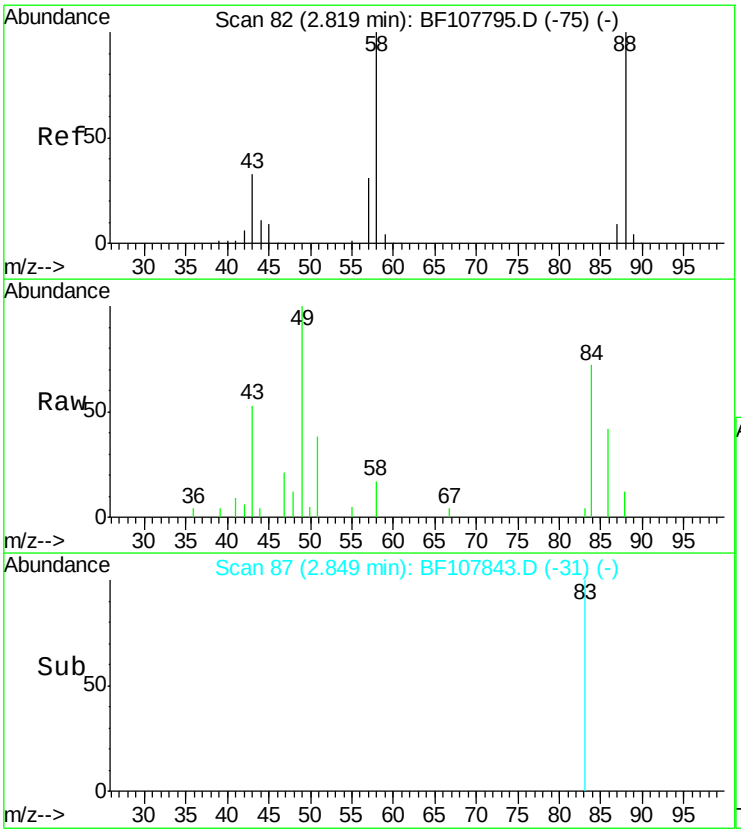
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107843.D
Acq: 31 Jul 2018 11:04

Instrument :
BNA_F
ClientSampleId :
MW-A09

Tgt Ion:152 Resp: 173625

Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.6	186.8
115	57.4	50.1	75.1

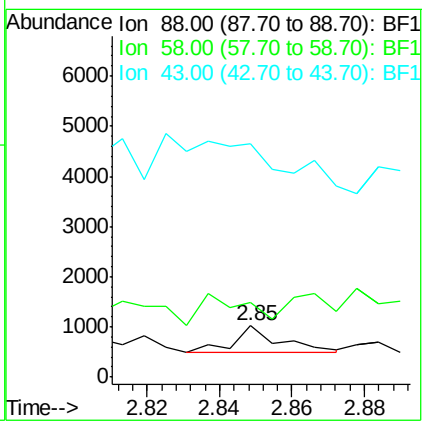


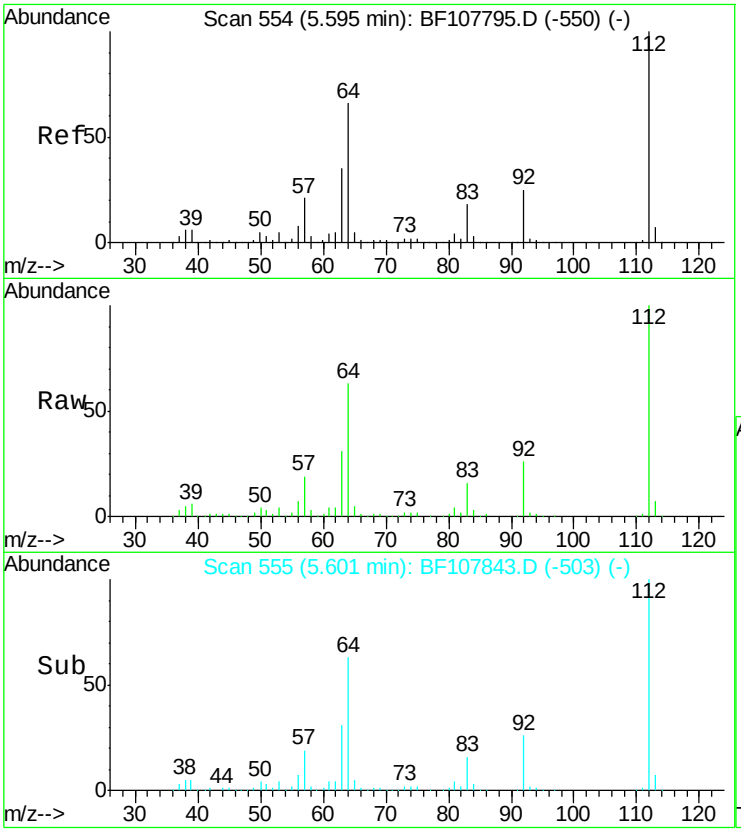


#2
1,4-Dioxane
Concen: 5.883 ng
RT: 2.85 min Scan# 87
Delta R.T. 0.03 min
Lab File: BF107843.D
Acq: 31 Jul 2018 11:04

Tgt Ion: 88 Resp: 489

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



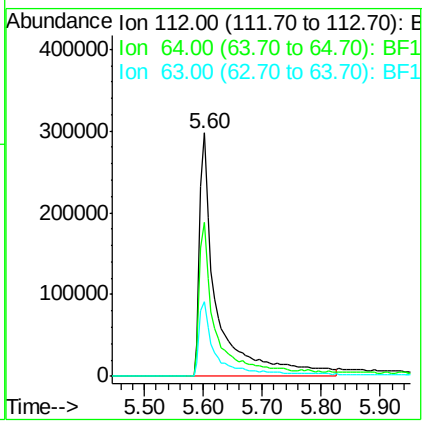


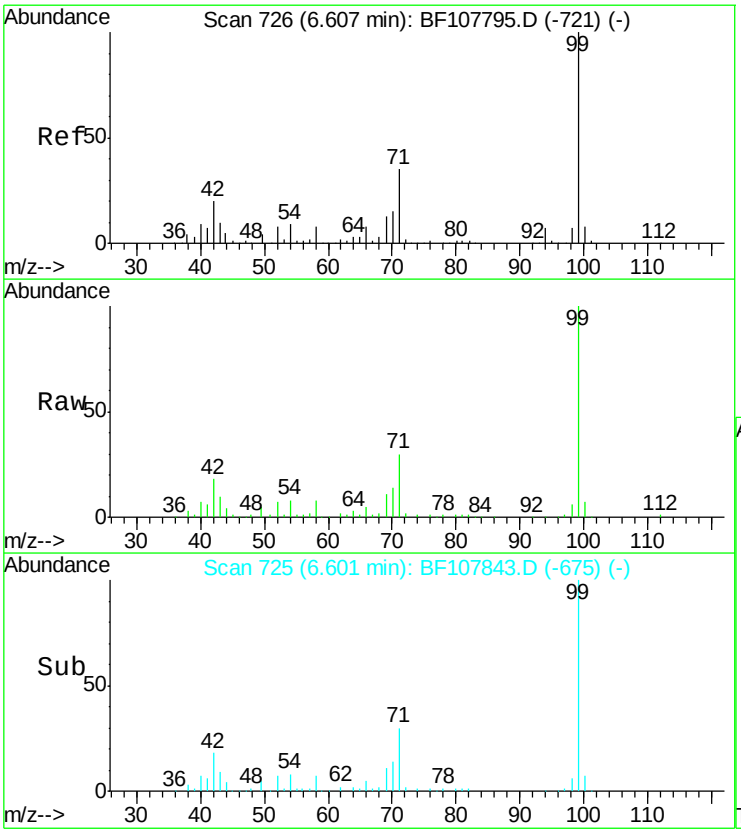
#5
2-Fluorophenol
Concen: 59.615 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107843.D
Acq: 31 Jul 2018 11:04

Instrument :
BNA_F
ClientSampleId :
MW-A09

Tgt Ion:112 Resp: 609021

Ion	Ratio	Lower	Upper
112	100		
64	63.5	47.9	71.9
63	30.9	23.7	35.5

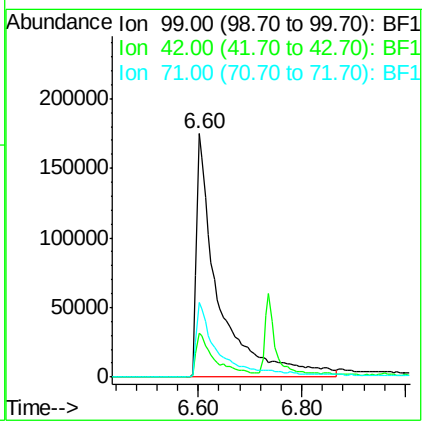


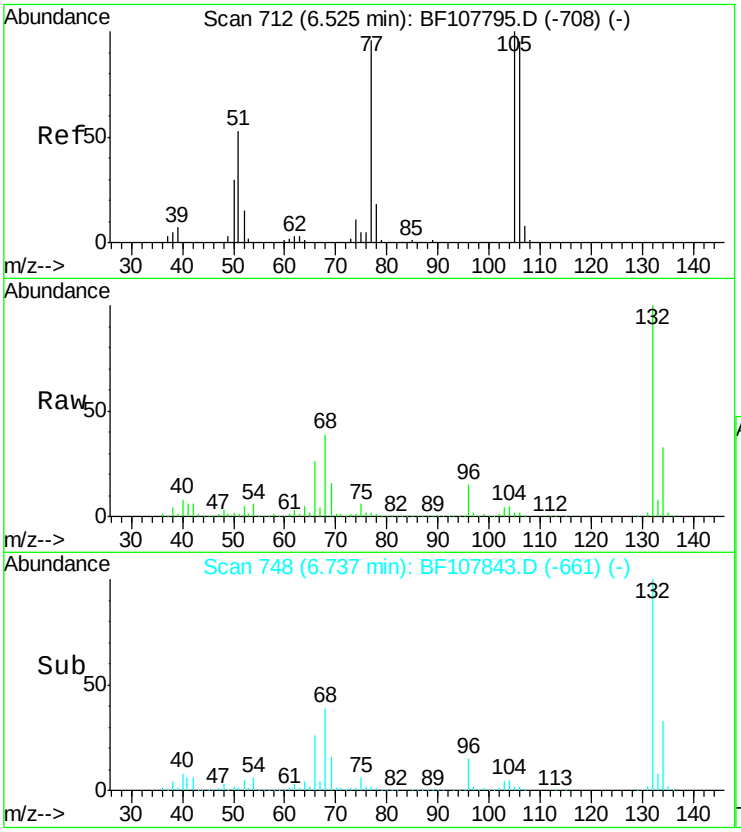


#7
Phenol-d6
Concen: 37.978 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107843.D
Acq: 31 Jul 2018 11:04

Tgt Ion: 99 Resp: 511332

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.5	21.7
71	30.5	25.4	38.0



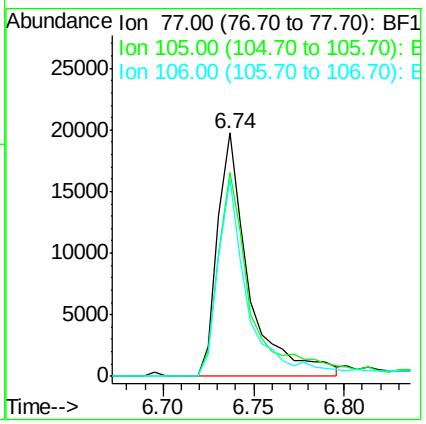


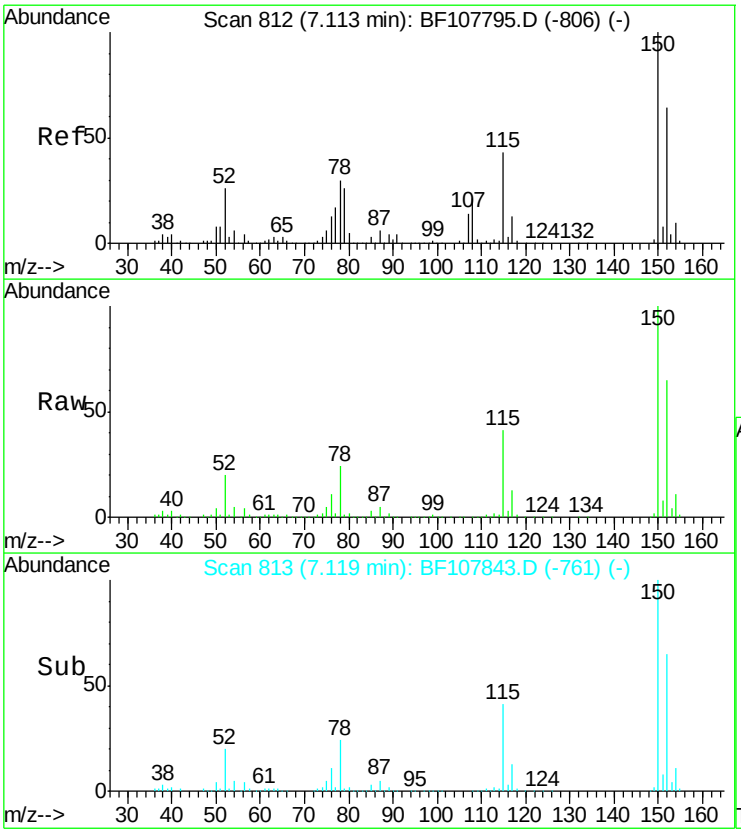
#9
Benzaldehyde
Concen: 2.936 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.21 min
Lab File: BF107843.D
Acq: 31 Jul 2018 11:04

Instrument :
BNA_F
ClientSampleId :
MW-A09

Tgt Ion: 77 Resp: 23850

Ion	Ratio	Lower	Upper
77	100		
105	83.8	81.1	121.1
106	81.1	74.5	114.5

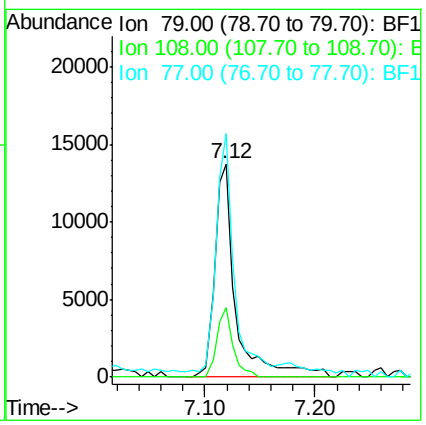


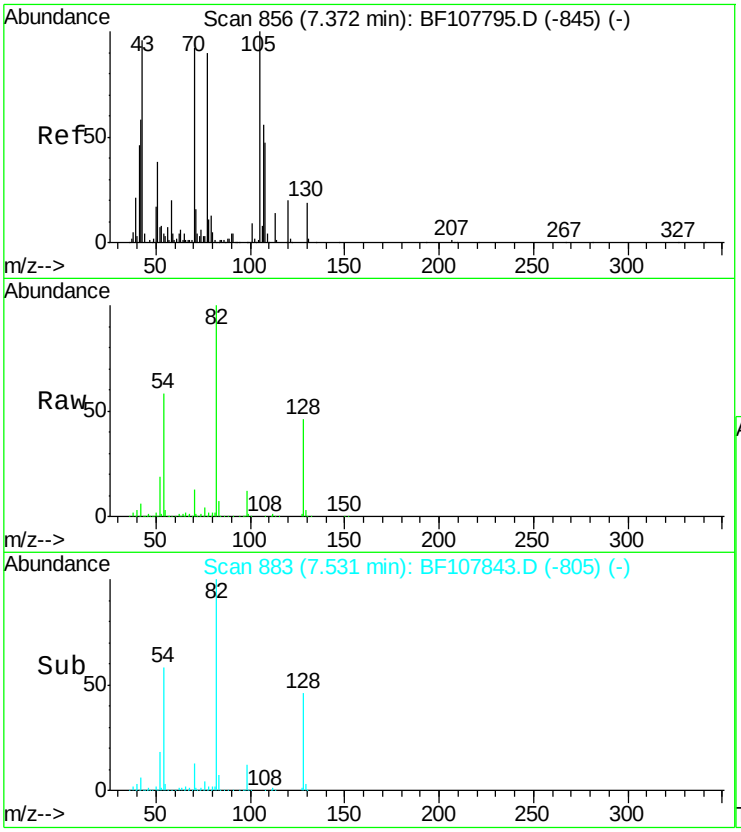


#15
Benzyl Alcohol
Concen: 2.154 ng
RT: 7.12 min Scan# 813
Delta R.T. 0.01 min
Lab File: BF107843.D
Acq: 31 Jul 2018 11:04

Tgt Ion: 79 Resp: 18025

Ion	Ratio	Lower	Upper
79	100		
108	32.8	65.1	97.7#
77	114.2	50.6	75.8#



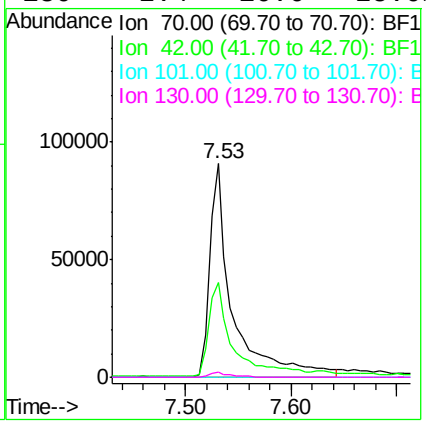


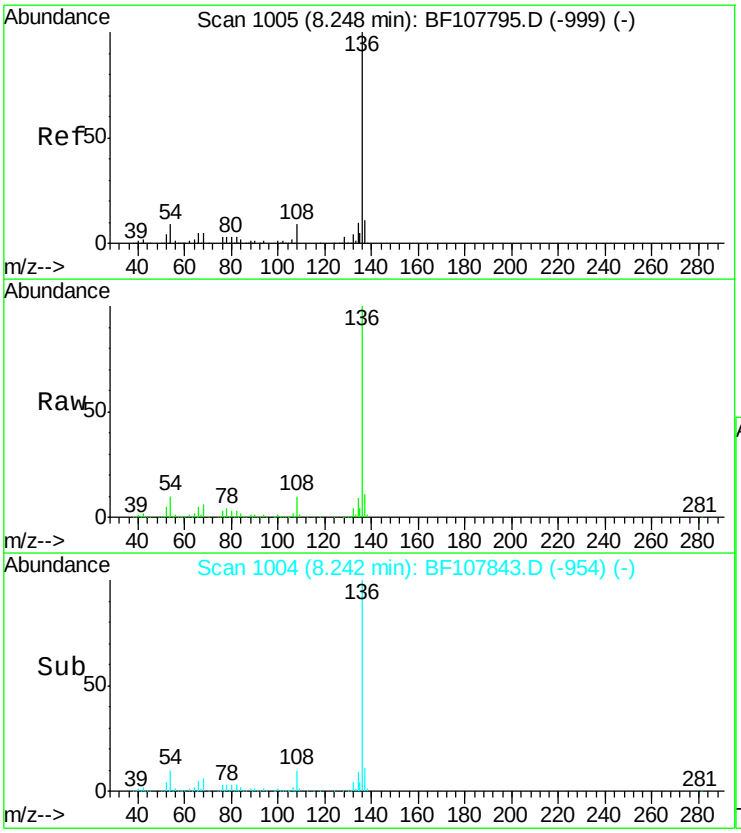
#19
n-Nitroso-di-n-propylamine
Concen: 16.125 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF107843.D
Acq: 31 Jul 2018 11:04

Instrument :
BNA_F
ClientSampleId :
MW-A09

Tgt Ion: 70 Resp: 137721

Ion	Ratio	Lower	Upper
70	100		
42	44.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

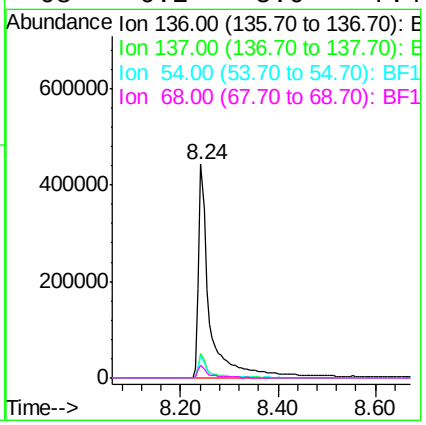


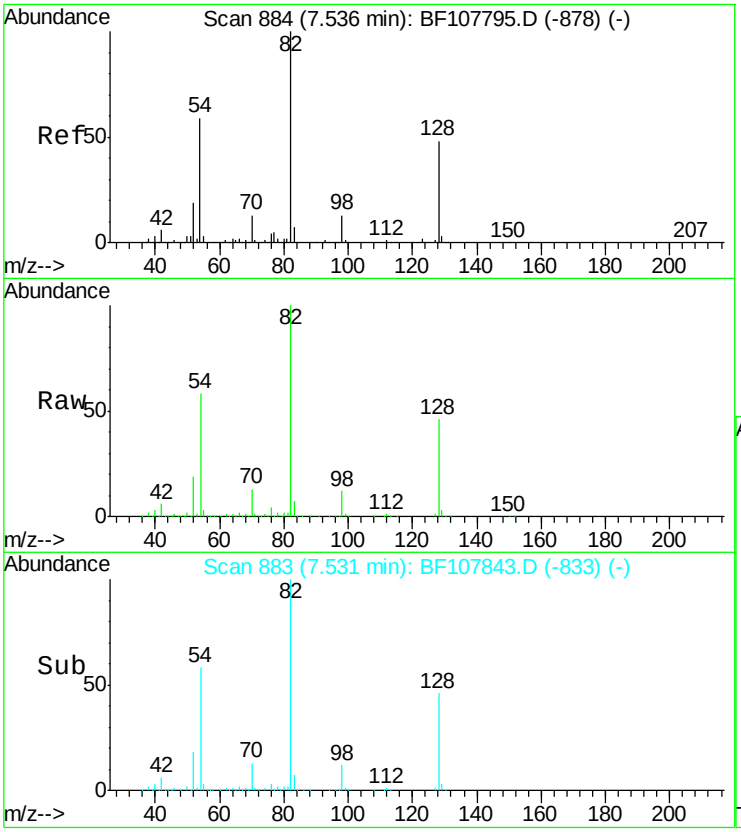


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107843.D
Acq: 31 Jul 2018 11:04

Tgt Ion:136 Resp: 714700

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.9	6.6	9.8#
68	6.2	5.0	7.4



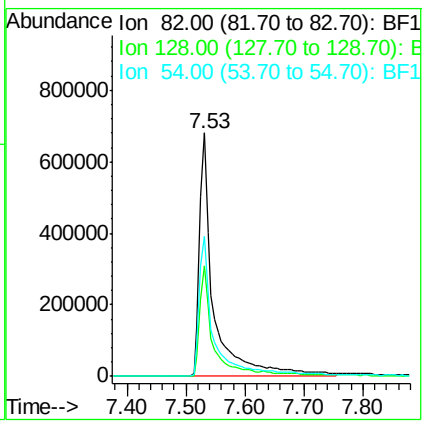


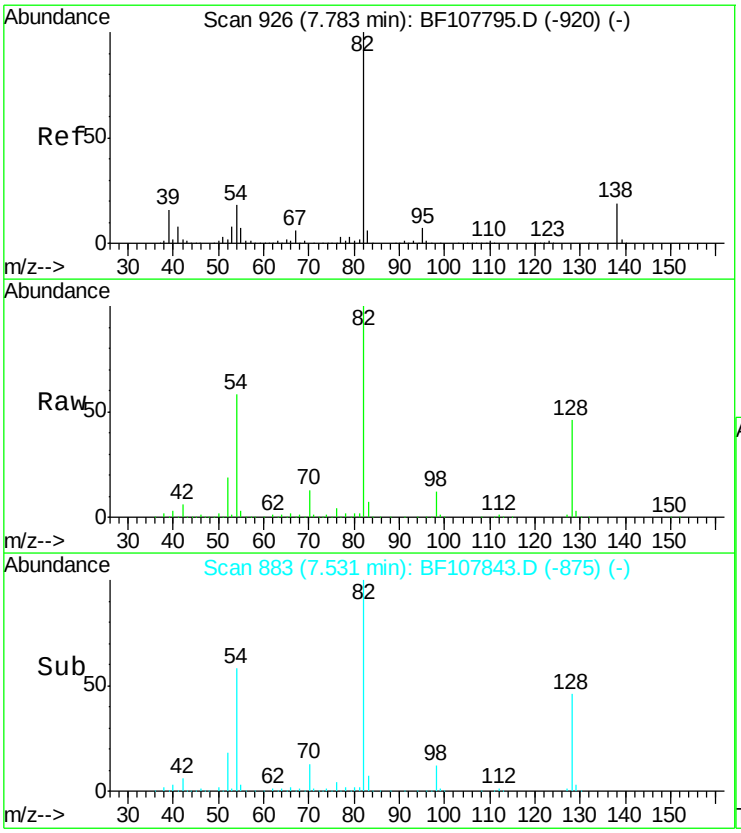
#23
Nitrobenzene-d5
Concen: 92.199 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107843.D
Acq: 31 Jul 2018 11:04

Instrument :
BNA_F
ClientSampleId :
MW-A09

Tgt Ion: 82 Resp: 1143800

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	57.7	41.4	62.2

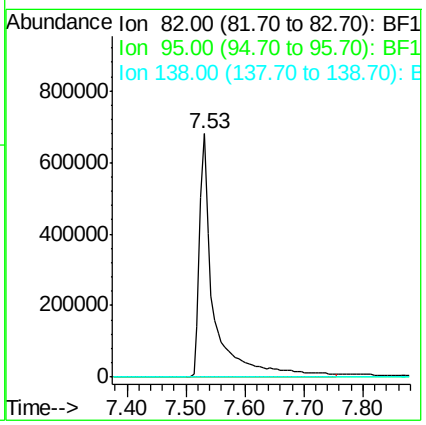


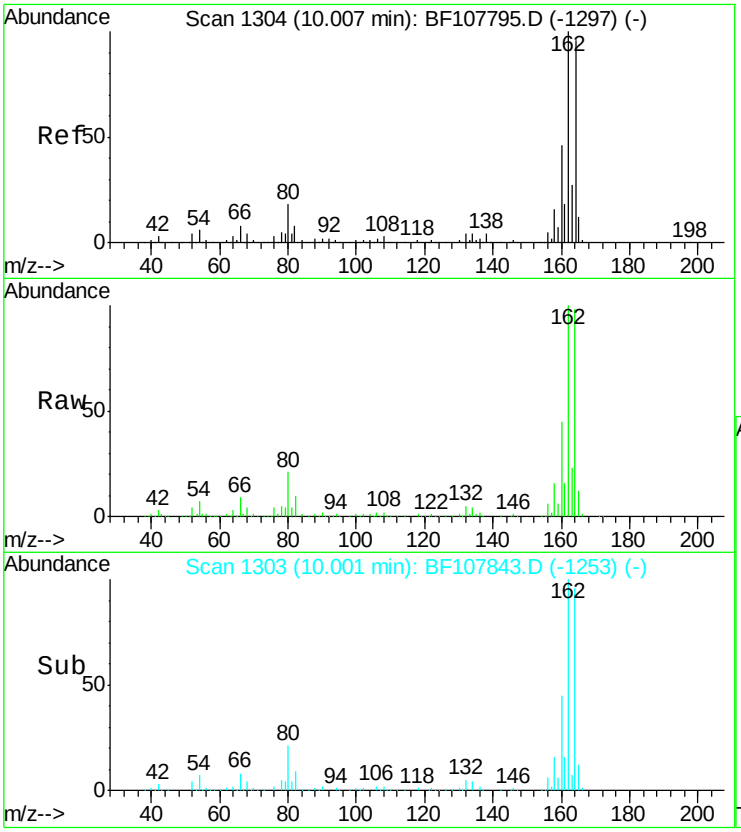


#25
Isophorone
Concen: 56.168 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF107843.D
Acq: 31 Jul 2018 11:04

Tgt Ion: 82 Resp: 1143800

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



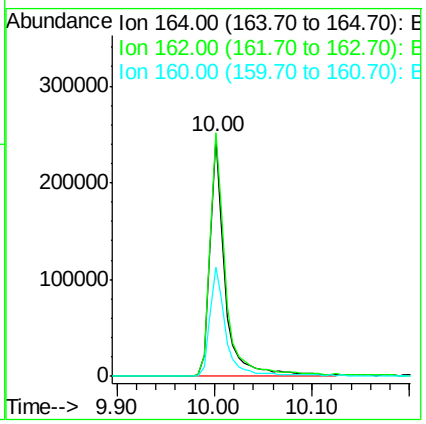


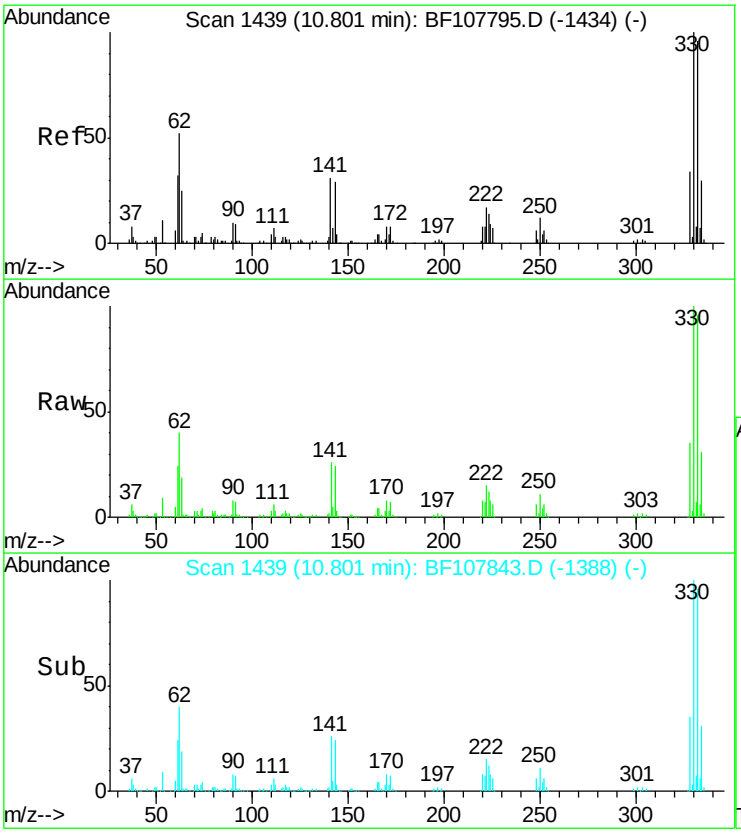
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107843.D
Acq: 31 Jul 2018 11:04

Instrument :
BNA_F
ClientSampleId :
MW-A09

Tgt Ion:164 Resp: 265536

Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	45.8	38.3	57.5

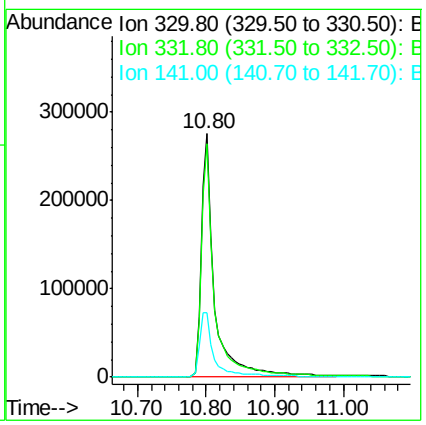


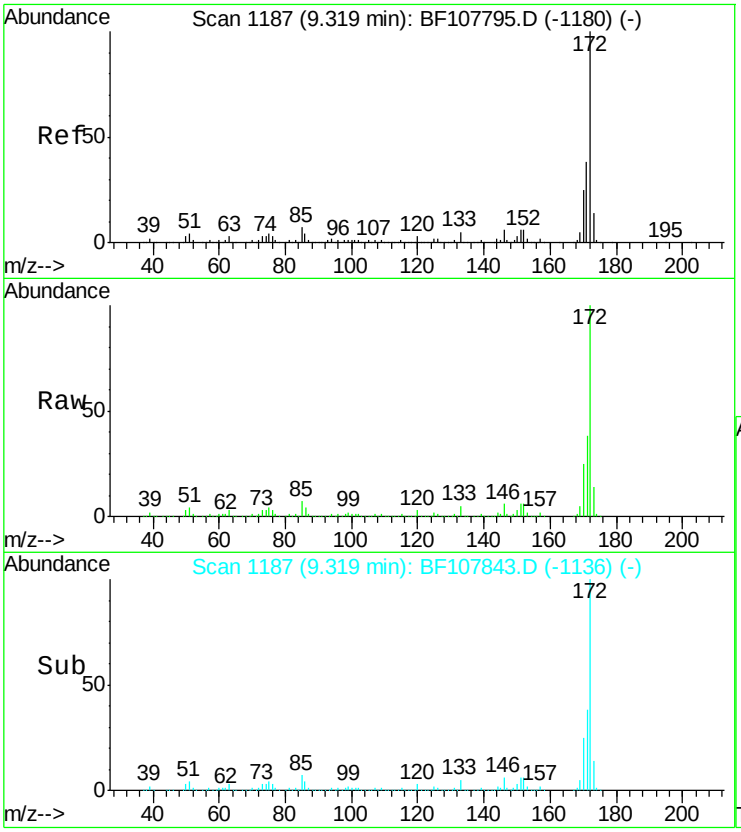


#41
2,4,6-Tribromophenol
Concen: 106.050 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF107843.D
Acq: 31 Jul 2018 11:04

Tgt Ion:330 Resp: 382639

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	29.8	29.9	44.9#



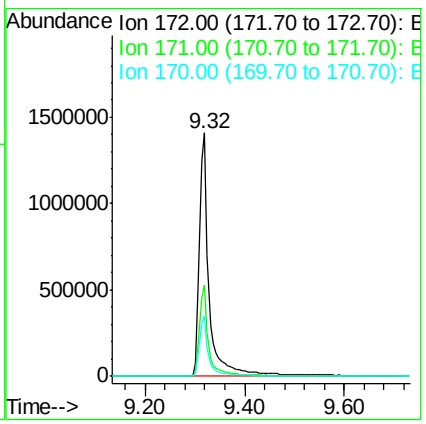


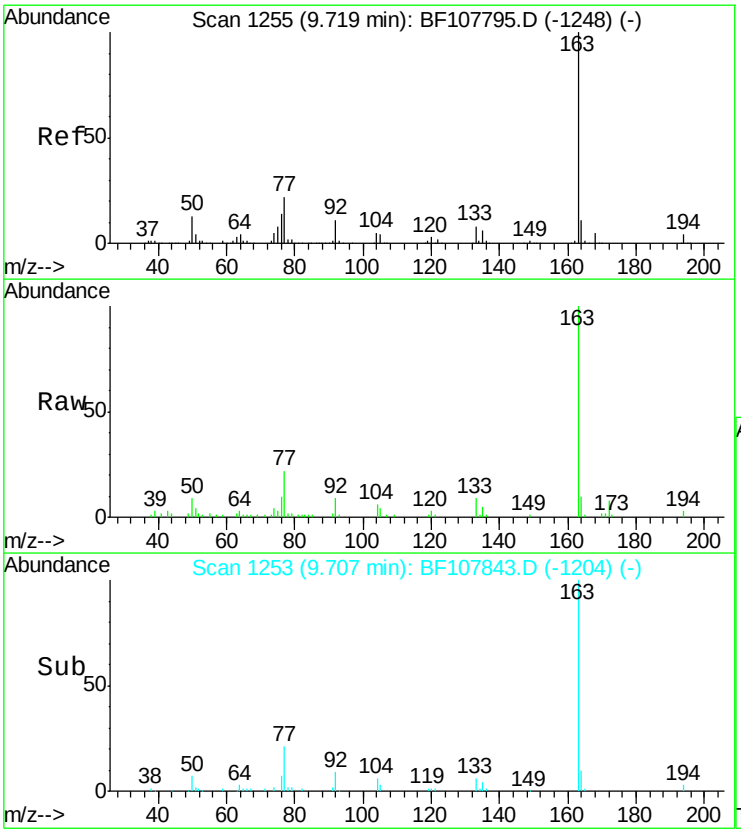
#44
2-Fluorobiphenyl
Concen: 102.714 ng
RT: 9.32 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF107843.D
Acq: 31 Jul 2018 11:04

Instrument :
BNA_F
ClientSampleId :
MW-A09

Tgt Ion:172 Resp: 1957261

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	24.8	19.6	29.4

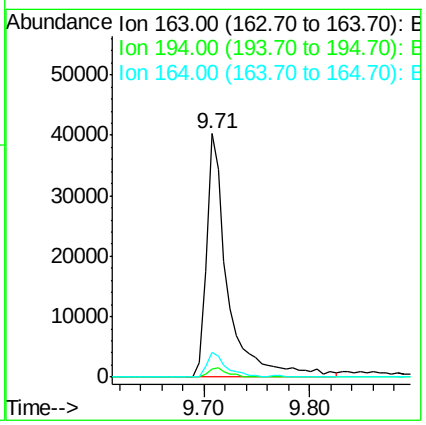


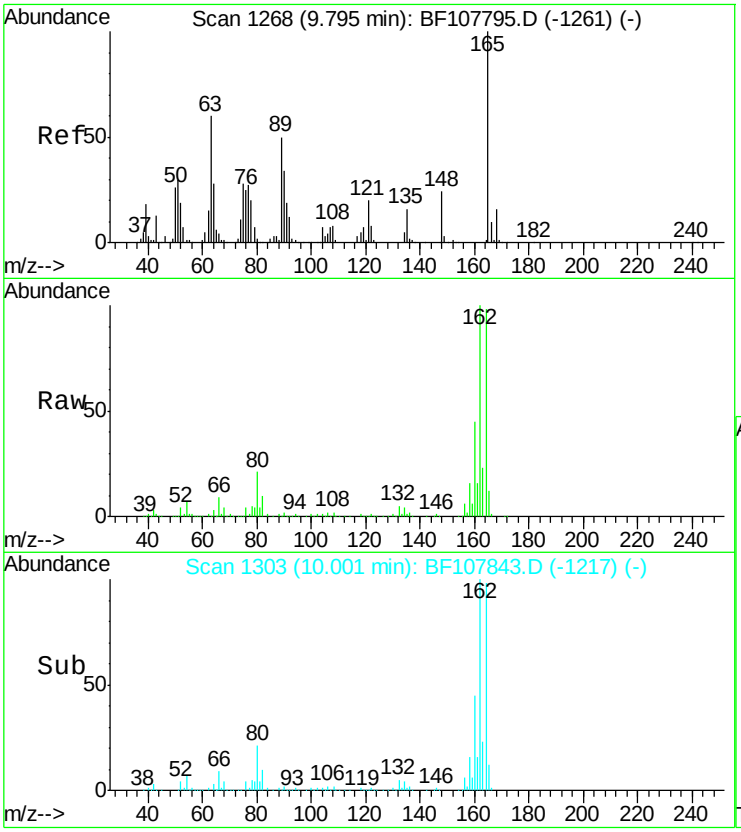


#49
Dimethylphthalate
Concen: 2.847 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107843.D
Acq: 31 Jul 2018 11:04

Tgt Ion:163 Resp: 56774

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.3	8.2	12.2



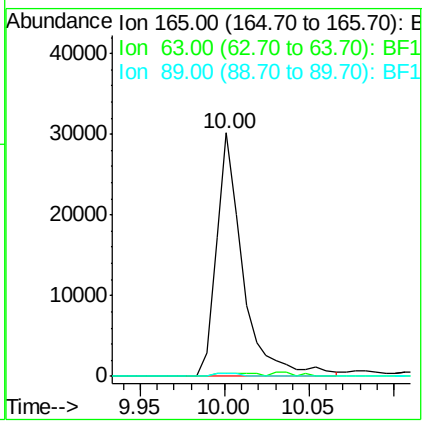


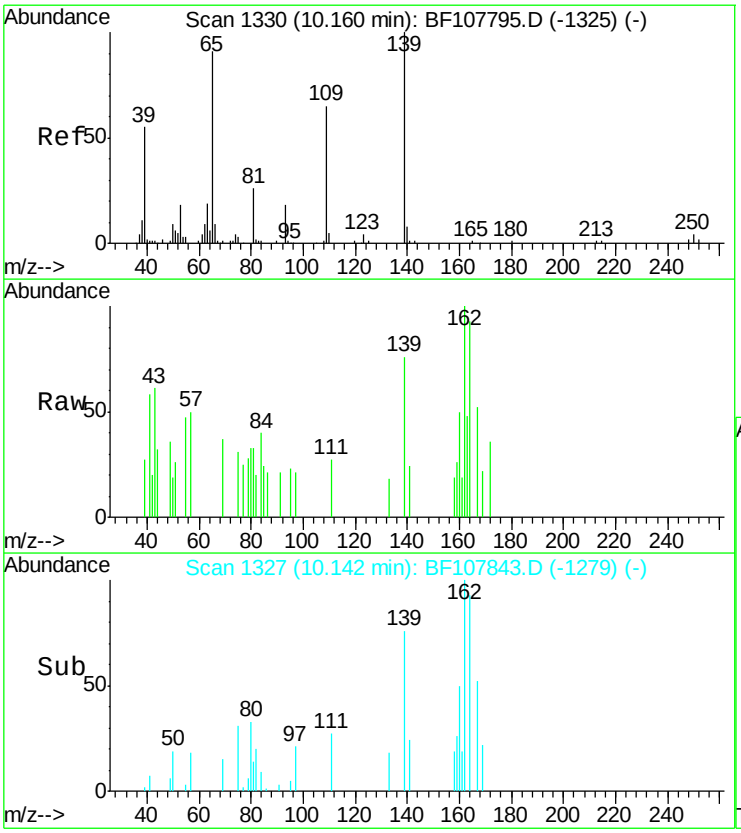
#50
2,6-Dinitrotoluene
Concen: 7.580 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF107843.D
Acq: 31 Jul 2018 11:04

Instrument :
BNA_F
ClientSampleId :
MW-A09

Tgt Ion:165 Resp: 32850

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.3	44.0	66.0#

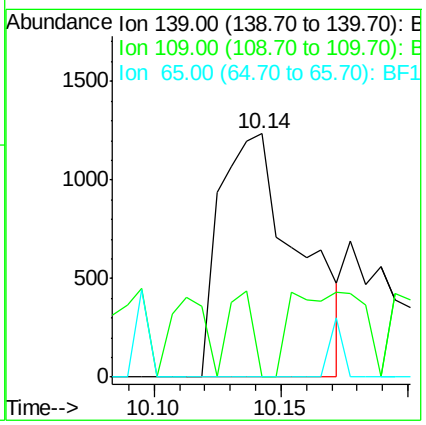


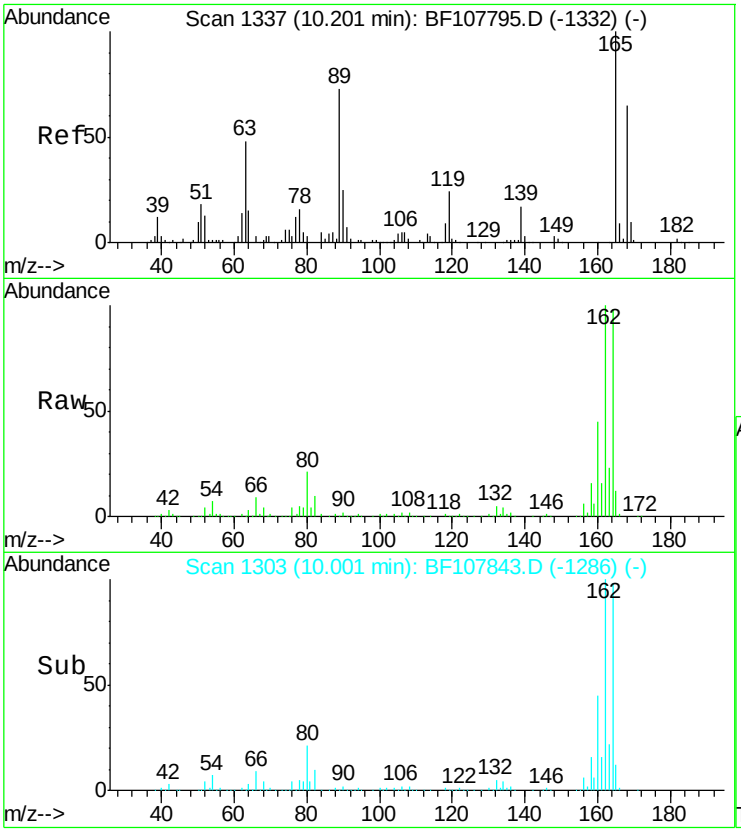


#55
4-Nitrophenol
Concen: 10.226 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BF107843.D
Acq: 31 Jul 2018 11:04

Tgt Ion:139 Resp: 2656

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



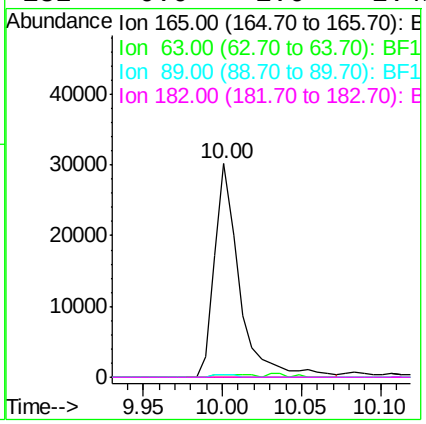


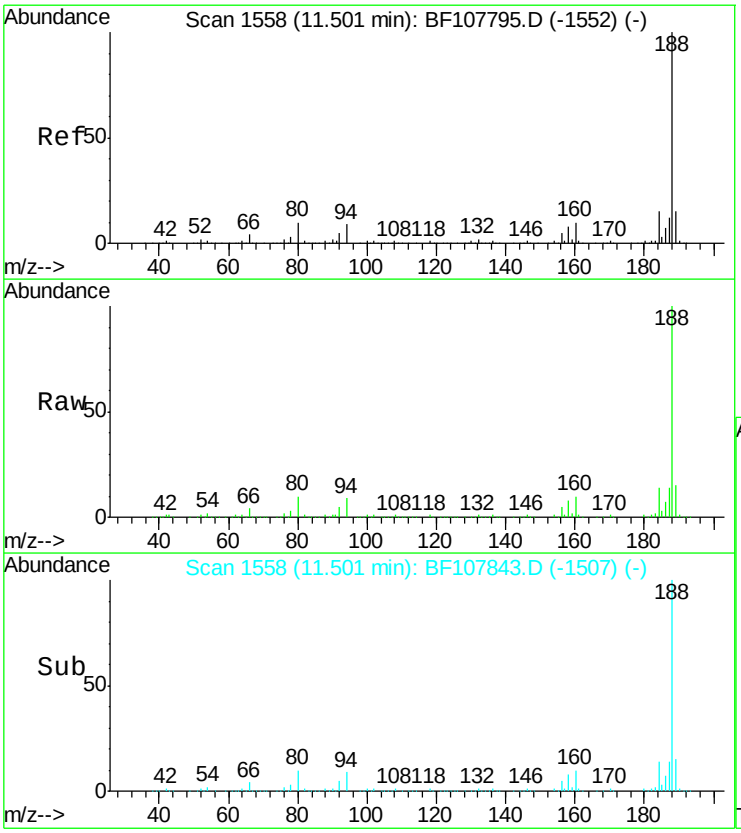
#56
2,4-Dinitrotoluene
Concen: 5.795 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF107843.D
Acq: 31 Jul 2018 11:04

Instrument :
BNA_F
ClientSampleId :
MW-A09

Tgt Ion:165 Resp: 33011

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

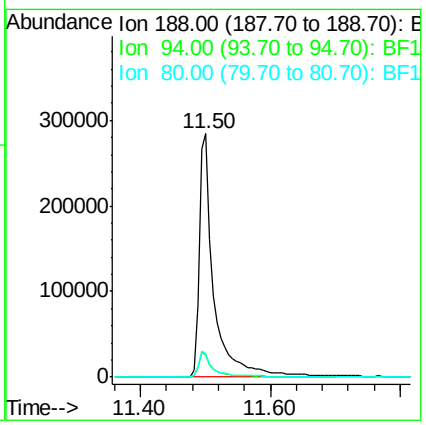


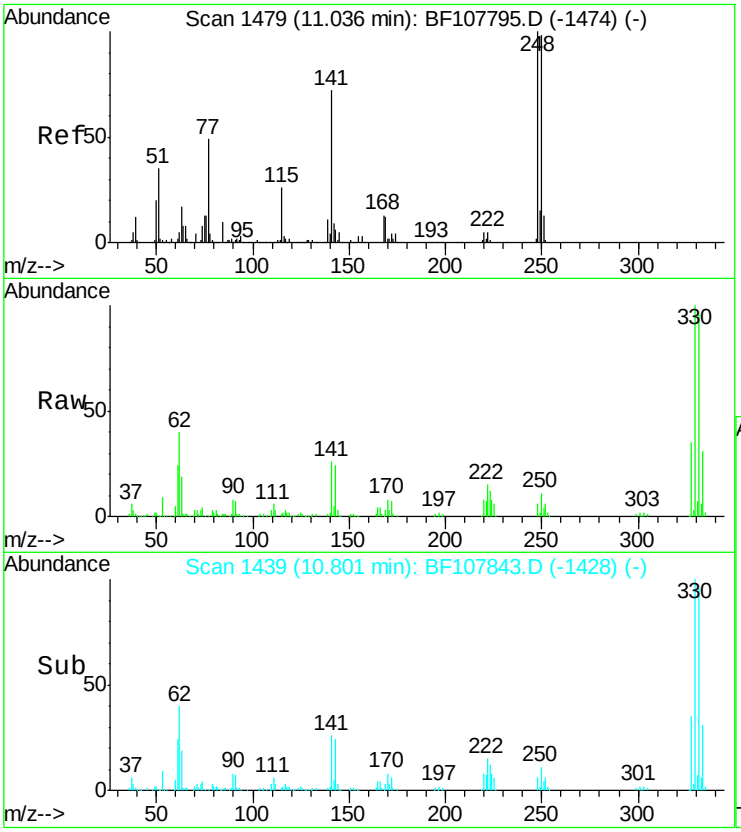


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107843.D
Acq: 31 Jul 2018 11:04

Tgt Ion:188 Resp: 444094

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.6	9.2	13.8



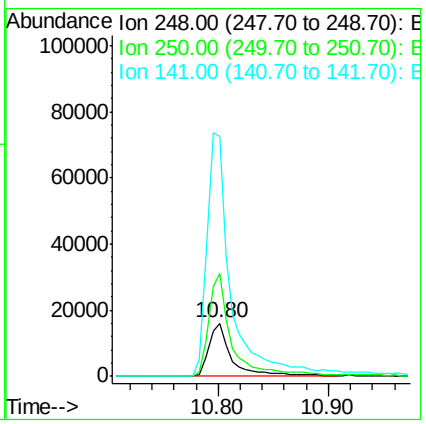


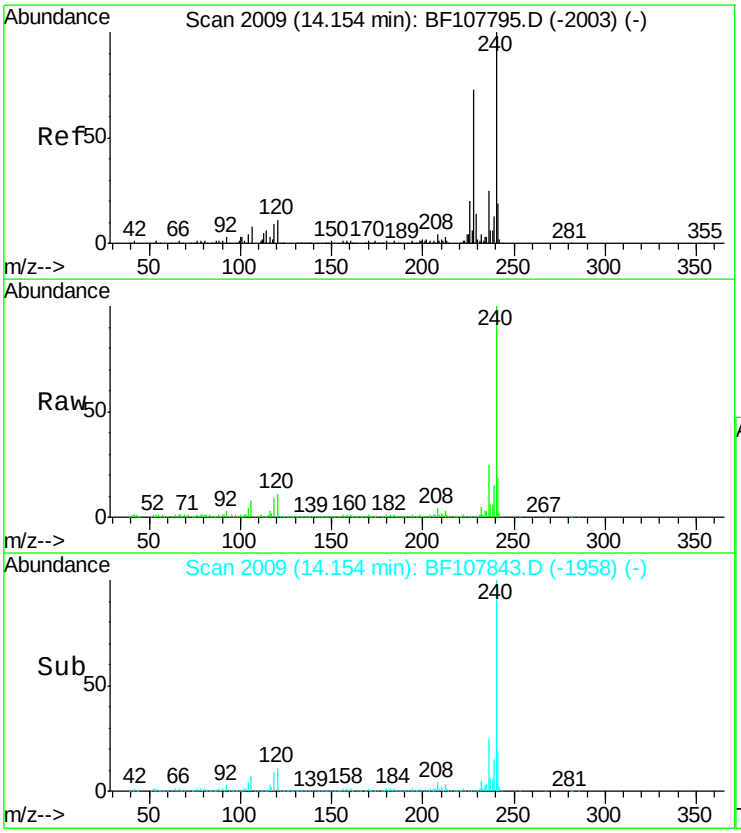
#66
4-Bromophenyl-phenylether
Concen: 4.363 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF107843.D
Acq: 31 Jul 2018 11:04

Instrument :
BNA_F
ClientSampleId :
MW-A09

Tgt Ion:248 Resp: 22585

Ion	Ratio	Lower	Upper
248	100		
250	192.3	76.9	115.3#
141	450.1	74.4	111.6#

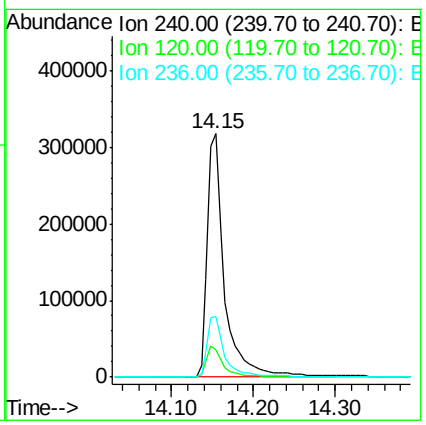


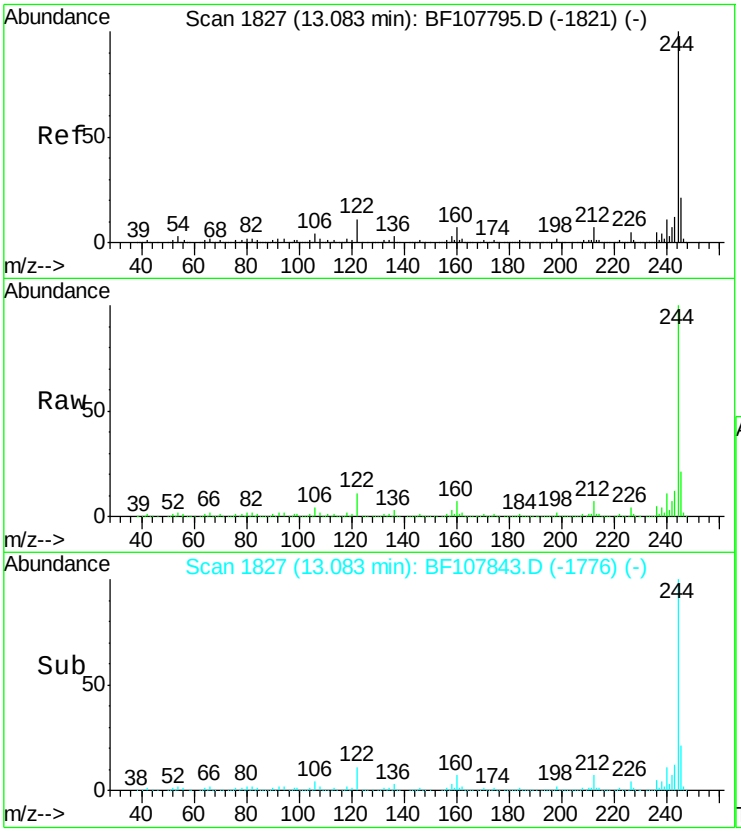


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107843.D
Acq: 31 Jul 2018 11:04

Tgt Ion:240 Resp: 464160

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	25.1	20.7	31.1



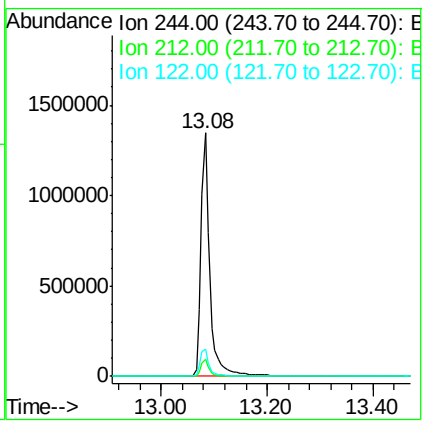


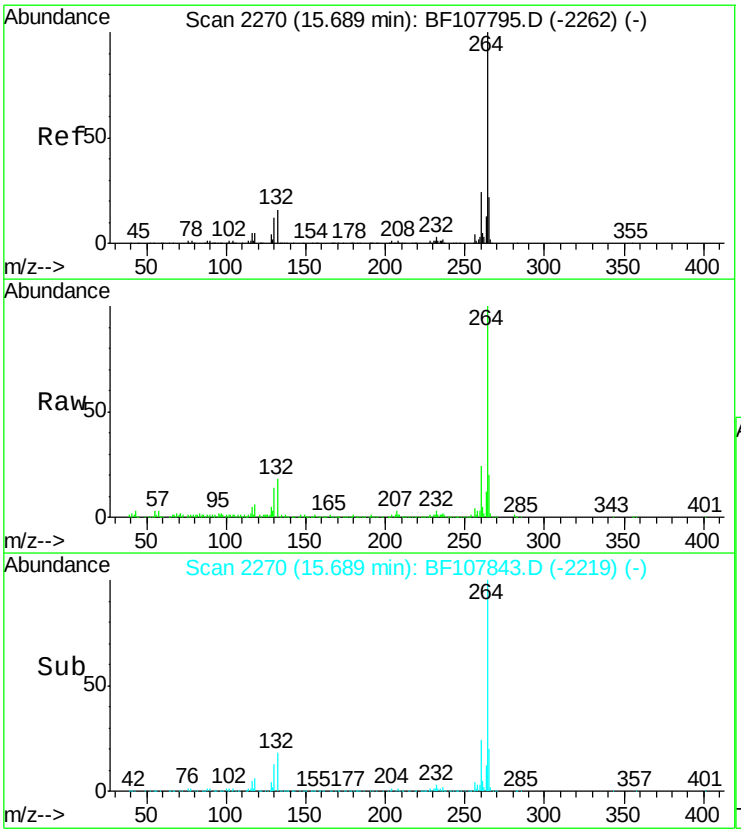
#78
Terphenyl-d14
Concen: 73.929 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF107843.D
Acq: 31 Jul 2018 11:04

Instrument :
BNA_F
ClientSampleId :
MW-A09

Tgt Ion:244 Resp: 1582481

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF107843.D
Acq: 31 Jul 2018 11:04

Tgt Ion:264 Resp: 401330

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.4	17.5	26.3