Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073018\
Data File : BF107845.D
Acq On : 31 Jul 2018 11:56
Operator : JU/SJ
Sample : J4221-06
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A29

Quant Time: Jul 31 13:33:17 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	177550	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	773374	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	330082	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	599391	20.00	ng		0.00
75) Chrysene-d12	14.15	240	447889	20.00	ng		0.00
86) Perylene-d12	15.69	264	426580	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	582279	55.74	ng		0.00
7) Phenol-d6	6.61	99	503278	36.55	ng		0.00
23) Nitrobenzene-d5	7.53	82	1182418	88.08	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	492811	109.88	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	2046816	86.41	ng		0.00
78) Terphenyl-d14	13.08	244	1704338	82.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	1110	5.993	ng	#	68
9) Benzaldehyde	6.74	77	24987	3.008	ng	#	79
15) Benzyl Alcohol	7.12	79	17300	2.022	ng	#	45
19) n-Nitroso-di-n-propylamine	7.53	70	141661	16.219	ng	#	79
25) Isophorone	7.53	82	1201966	54.546	ng	#	64
49) Dimethylphthalate	9.71	163	90494	3.651	ng		99
50) 2,6-Dinitrotoluene	10.00	165	40592	7.535	ng	#	26
55) 4-Nitrophenol	10.14	139	1882	9.833	ng	#	9
56) 2,4-Dinitrotoluene	10.00	165	42146	5.952	ng	#	23
66) 4-Bromophenyl-phenylether	10.80	248	27996	4.007	ng	#	1

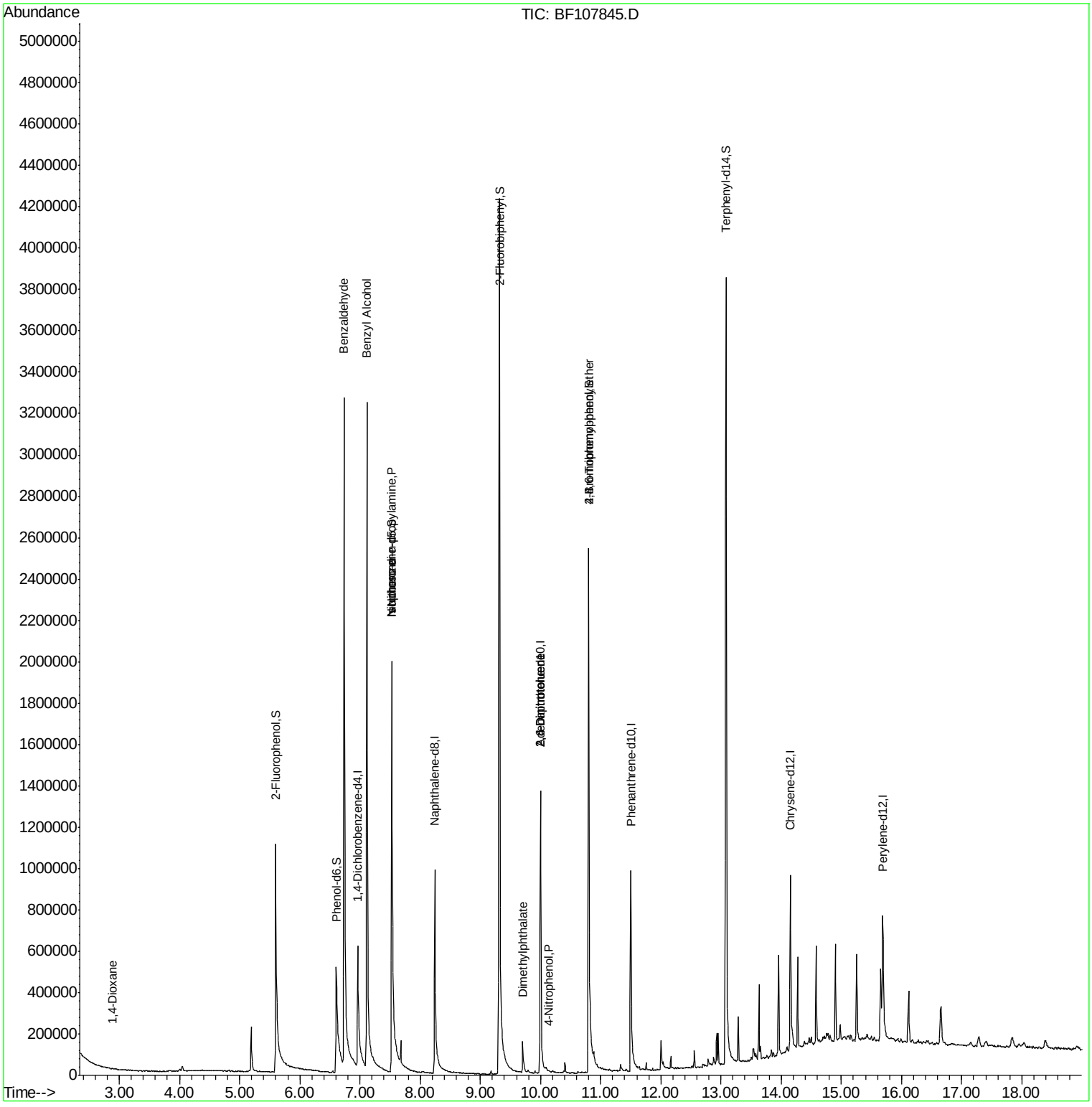
(#) = qualifier out of range (m) = manual integration (+) = signals summed

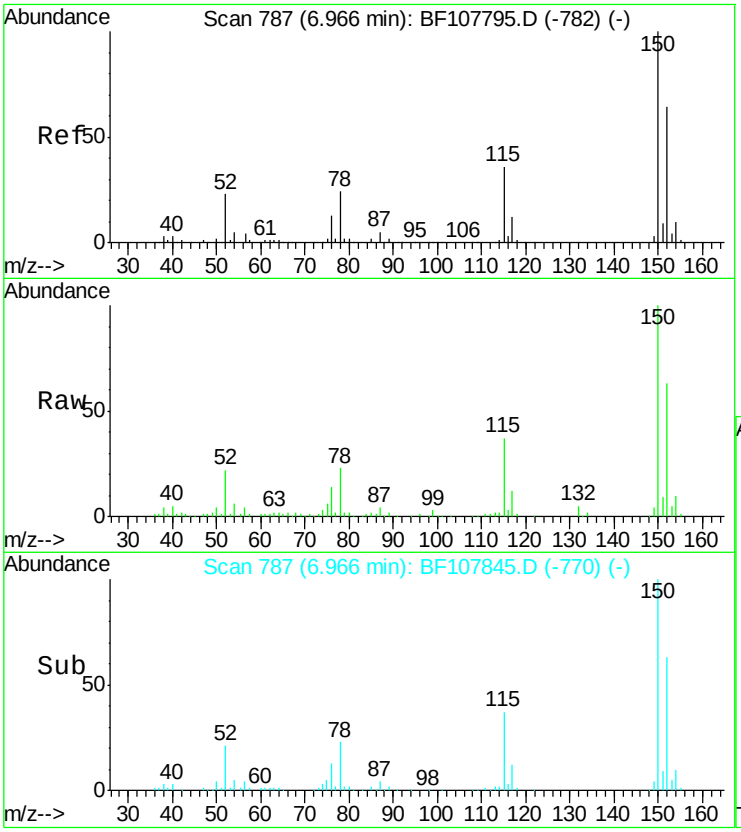
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073018\
Data File : BF107845.D
Acq On : 31 Jul 2018 11:56
Operator : JU/SJ
Sample : J4221-06
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-A29

Quant Time: Jul 31 13:33:17 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



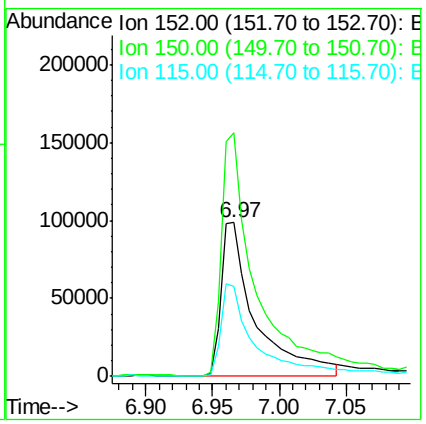


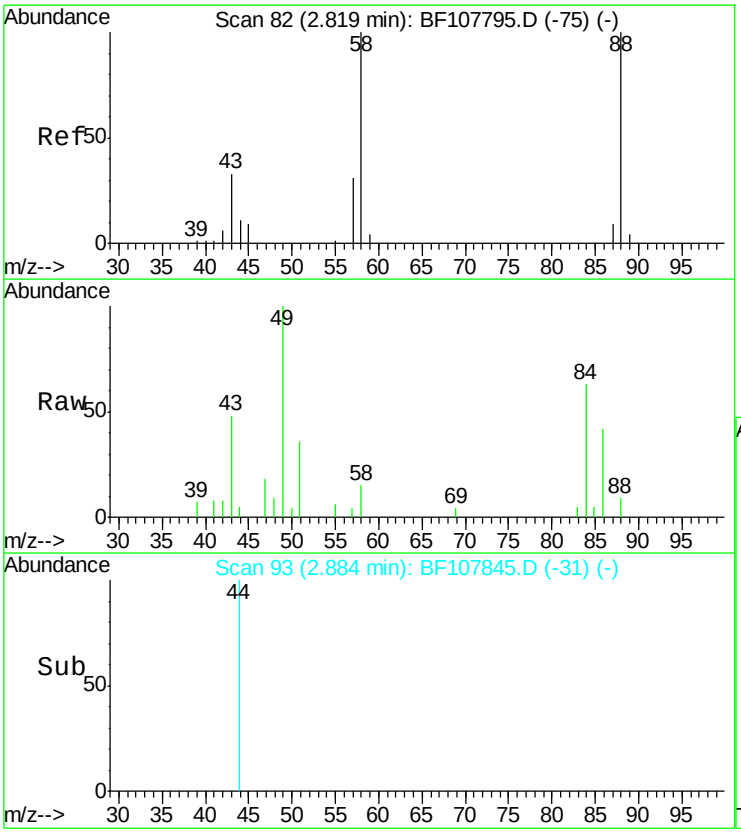
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Instrument :
BNA_F
ClientSampleId :
MW-A29

Tgt Ion:152 Resp: 177550

Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	58.6	50.1	75.1

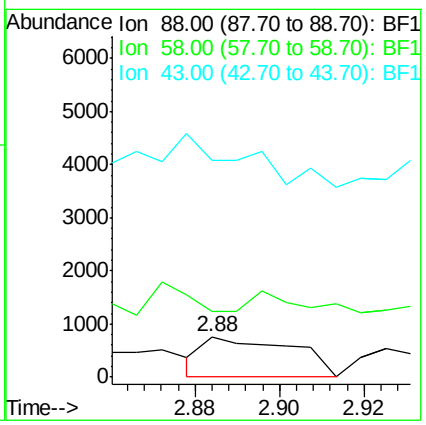


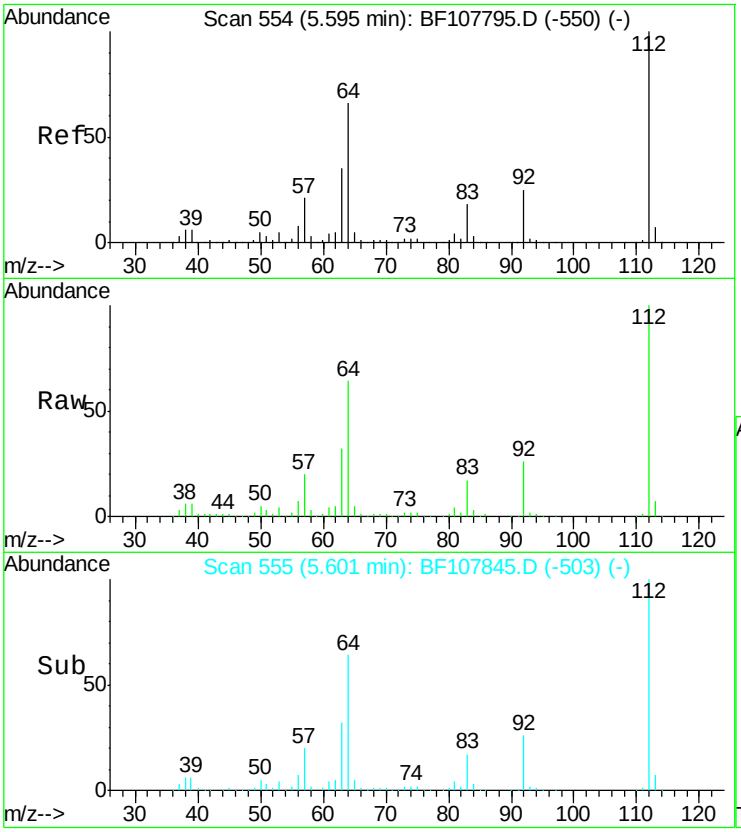


#2
1,4-Dioxane
Concen: 5.993 ng
RT: 2.88 min Scan# 93
Delta R.T. 0.06 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Tgt Ion: 88 Resp: 1110

Ion	Ratio	Lower	Upper
88	100		
58	59.2	62.6	93.8#
43	0.0	24.6	37.0#



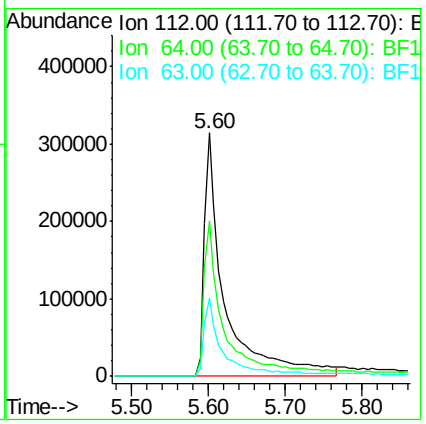


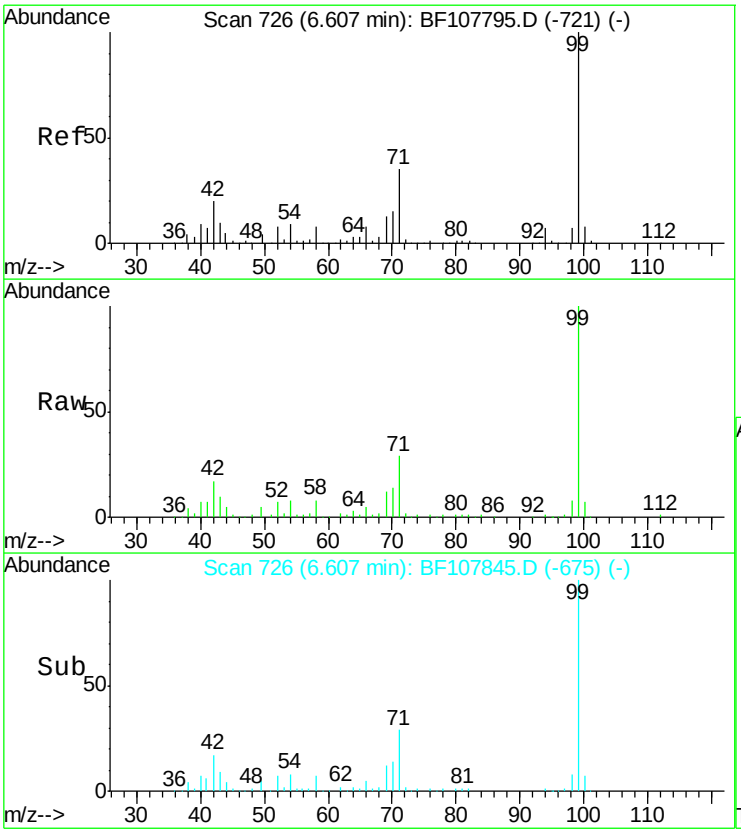
#5
2-Fluorophenol
Concen: 55.737 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Instrument :
BNA_F
ClientSampleId :
MW-A29

Tgt Ion:112 Resp: 582279

Ion	Ratio	Lower	Upper
112	100		
64	63.8	47.9	71.9
63	32.0	23.7	35.5

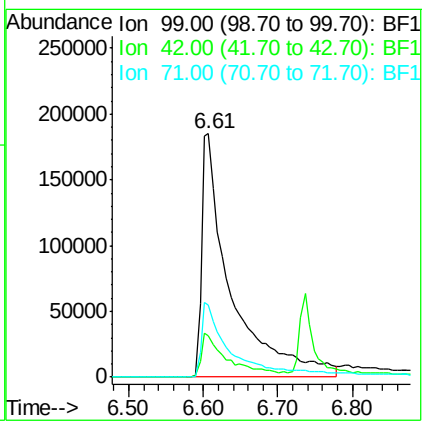


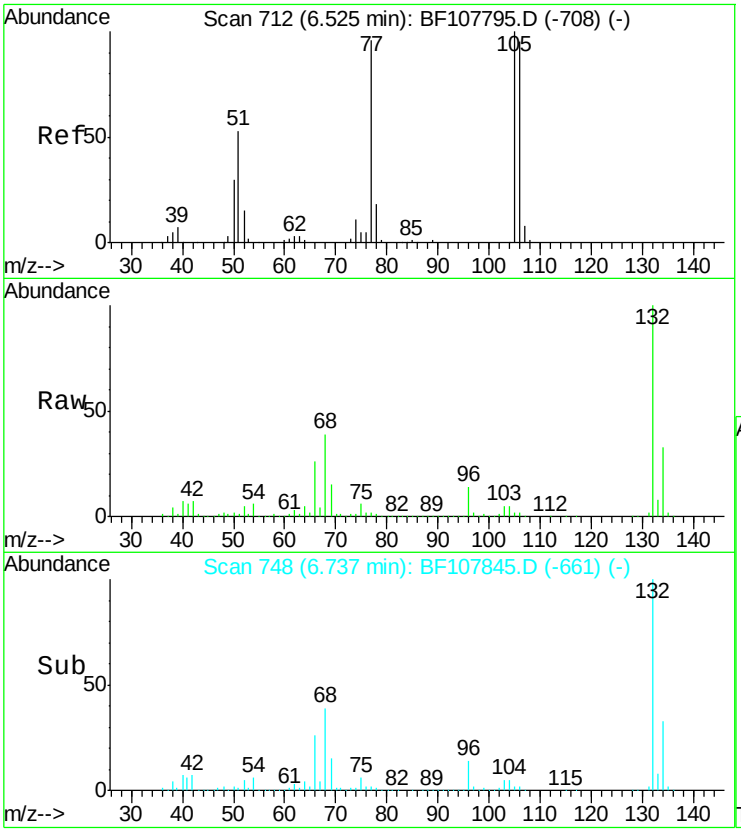


#7
Phenol-d6
Concen: 36.553 ng
RT: 6.61 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Tgt Ion: 99 Resp: 503278

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.5	21.7
71	29.4	25.4	38.0



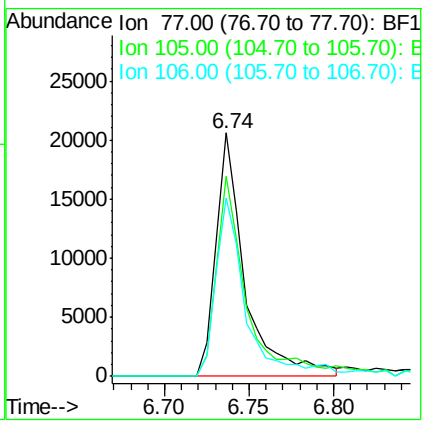


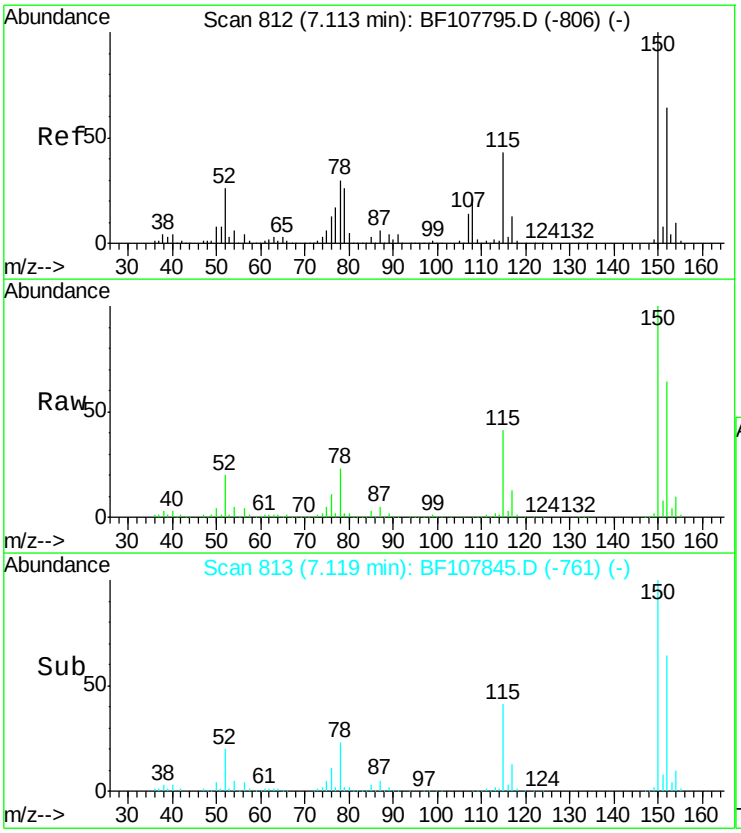
#9
Benzaldehyde
Concen: 3.008 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.21 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Instrument :
BNA_F
ClientSampleId :
MW-A29

Tgt Ion: 77 Resp: 24987

Ion	Ratio	Lower	Upper
77	100		
105	82.0	81.1	121.1
106	73.0	74.5	114.5#

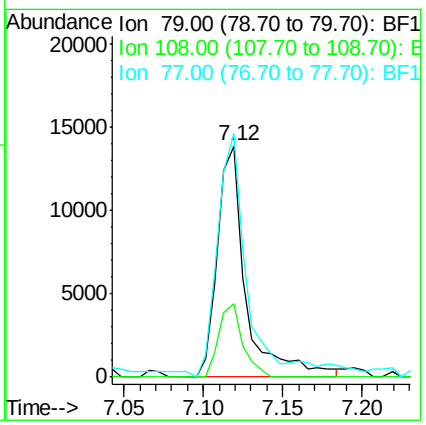


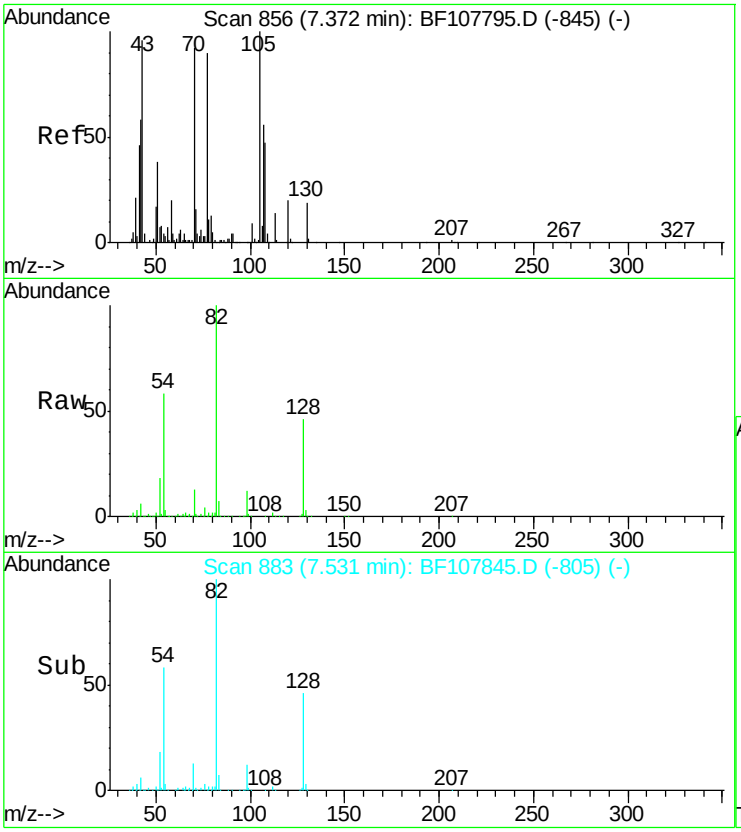


#15
Benzyl Alcohol
Concen: 2.022 ng
RT: 7.12 min Scan# 813
Delta R.T. 0.01 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Tgt Ion: 79 Resp: 17300

Ion	Ratio	Lower	Upper
79	100		
108	31.7	65.1	97.7#
77	105.3	50.6	75.8#



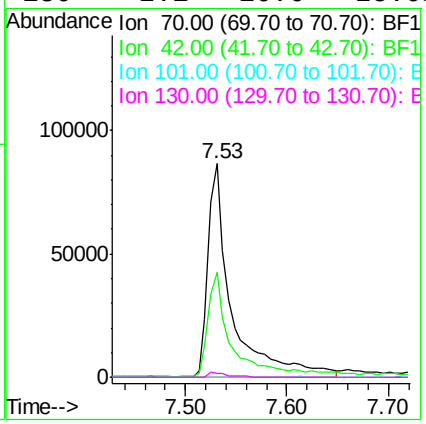


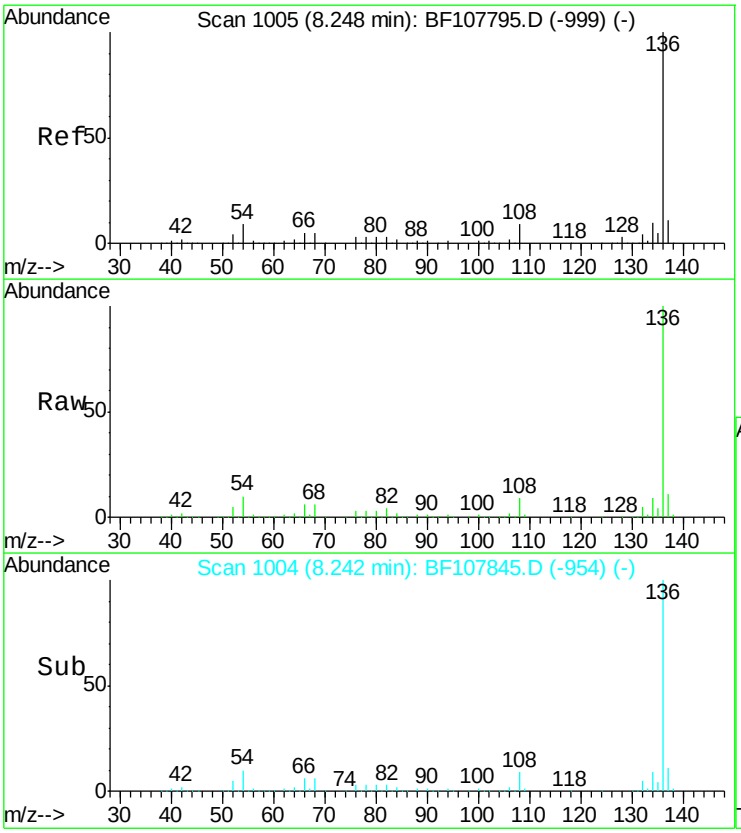
#19
n-Nitroso-di-n-propylamine
Concen: 16.219 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Instrument :
BNA_F
ClientSampleId :
MW-A29

Tgt Ion: 70 Resp: 141661

Ion	Ratio	Lower	Upper
70	100		
42	49.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

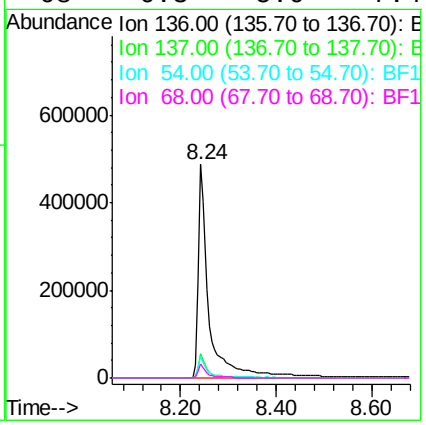


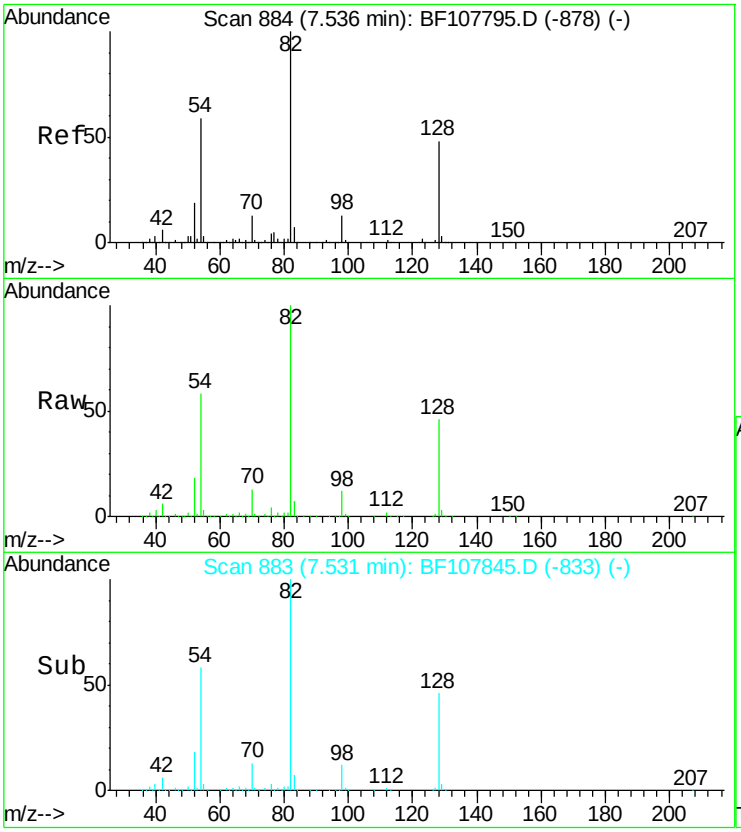


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Tgt Ion:136 Resp: 773374

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.2	6.6	9.8#
68	6.3	5.0	7.4



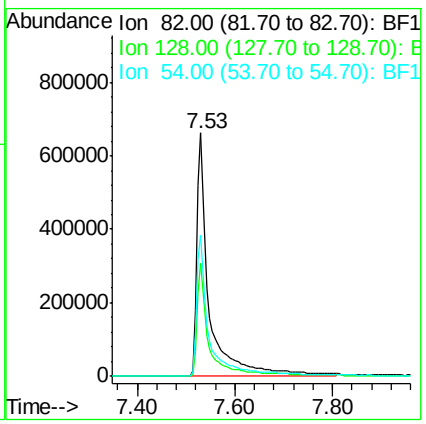


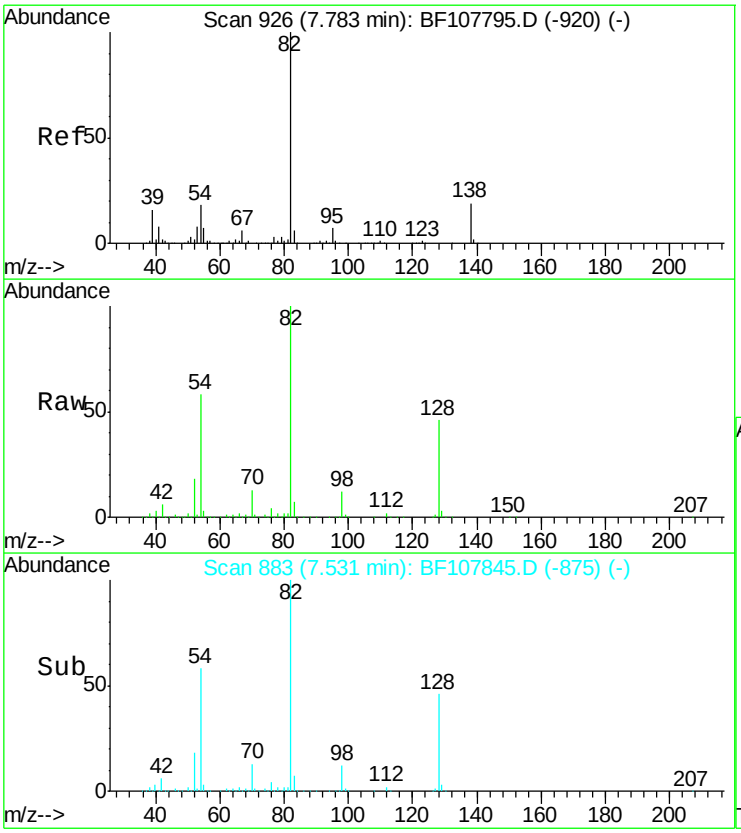
#23
Nitrobenzene-d5
Concen: 88.081 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Instrument :
BNA_F
ClientSampleId :
MW-A29

Tgt Ion: 82 Resp: 1182418

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	58.0	41.4	62.2

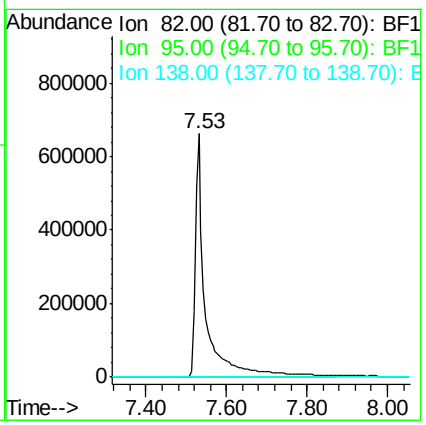


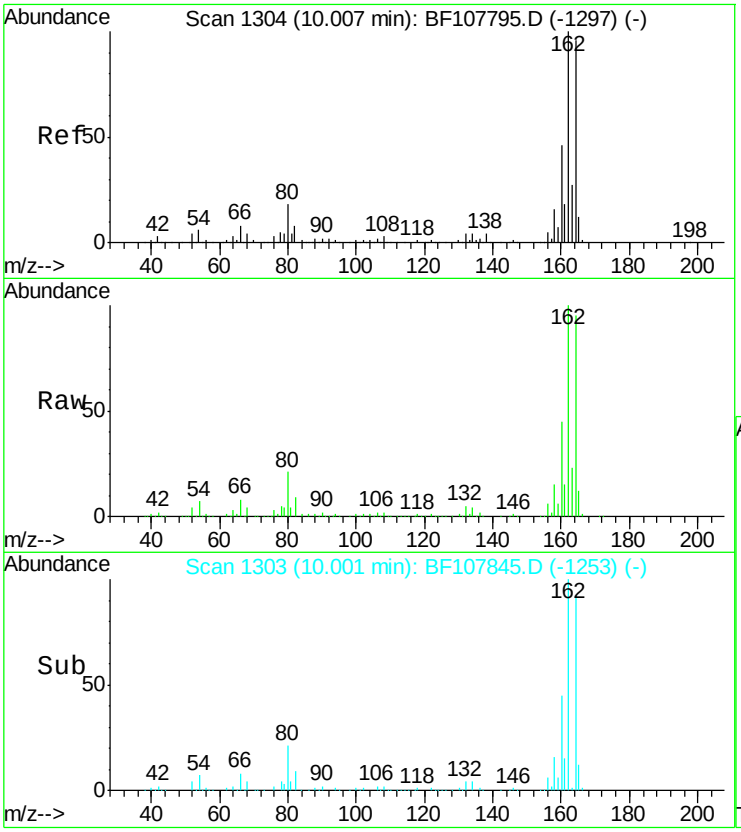


#25
Isophorone
Concen: 54.546 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Tgt Ion: 82 Resp: 1201966

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



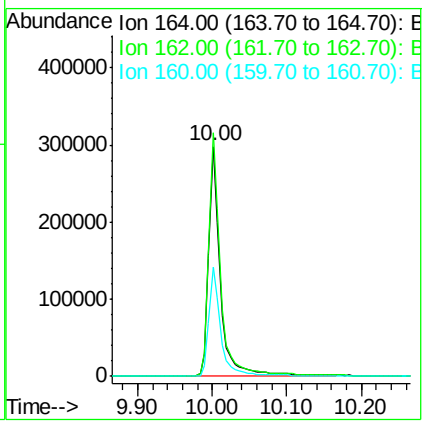


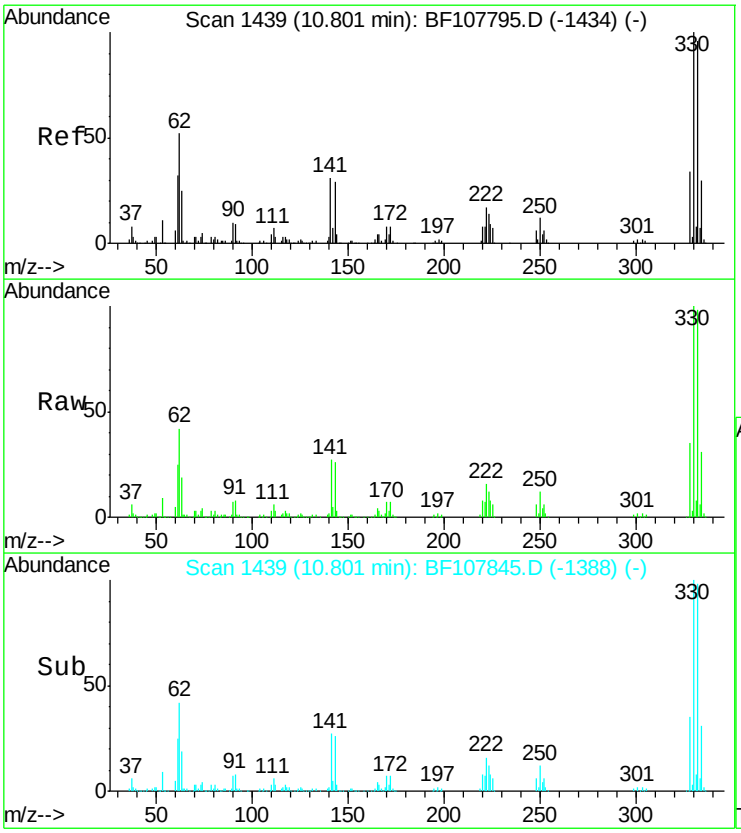
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Instrument :
BNA_F
ClientSampleId :
MW-A29

Tgt Ion:164 Resp: 330082

Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	47.3	38.3	57.5

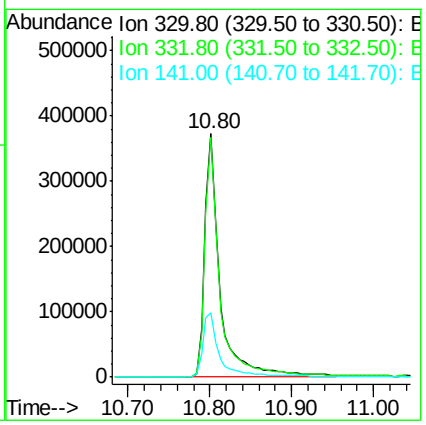


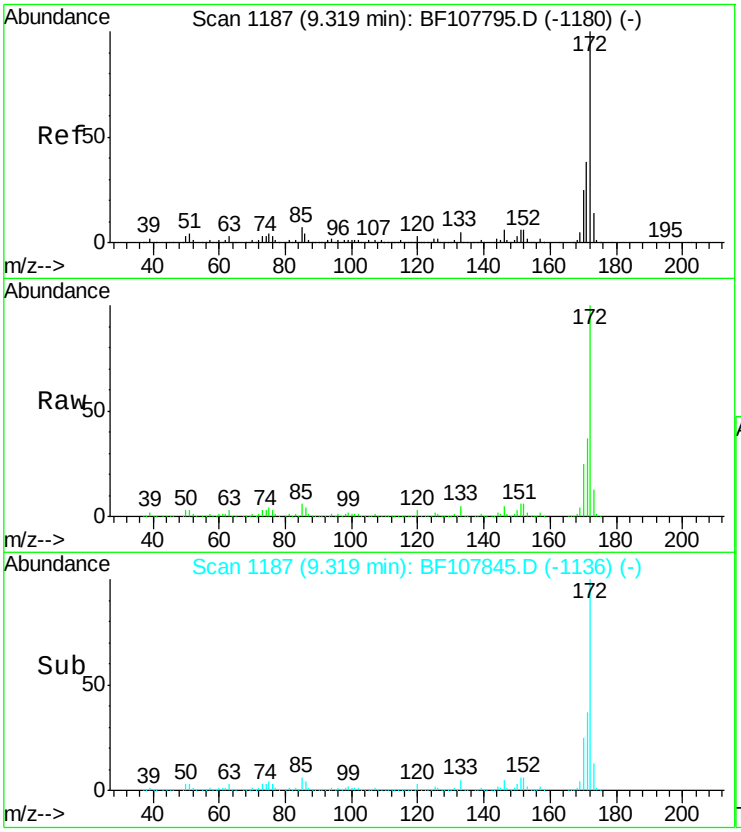


#41
2,4,6-Tribromophenol
Concen: 109.876 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Tgt Ion:330 Resp: 492811

Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.0	115.6
141	29.6	29.9	44.9#



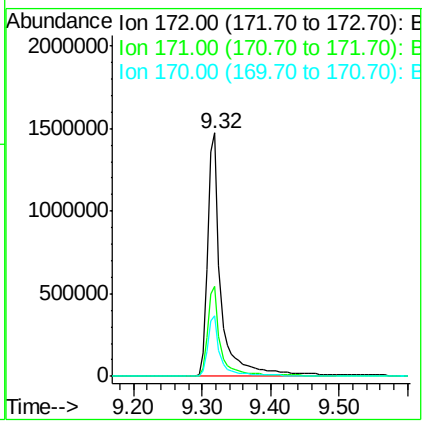


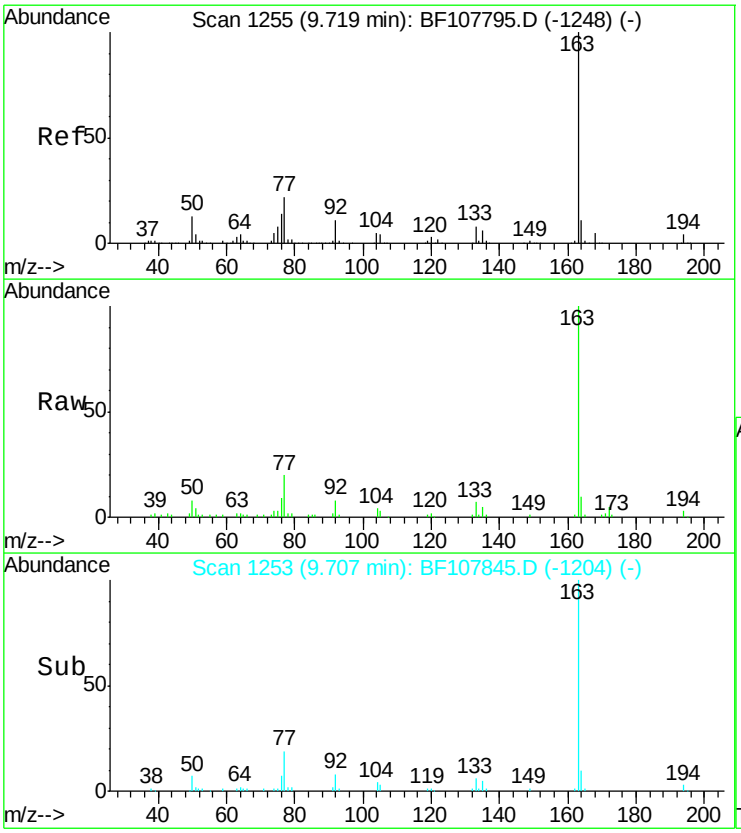
#44
2-Fluorobiphenyl
Concen: 86.409 ng
RT: 9.32 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Instrument :
BNA_F
ClientSampleId :
MW-A29

Tgt Ion:172 Resp: 2046816

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.9	19.6	29.4

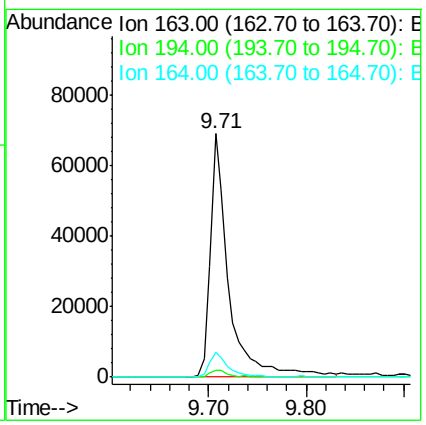


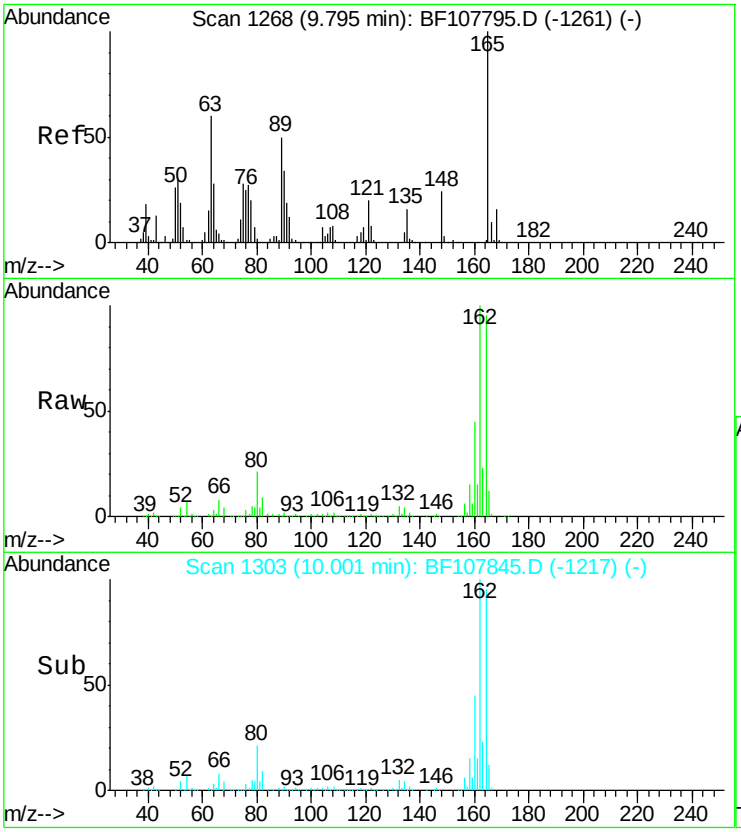


#49
Dimethylphthalate
Concen: 3.651 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Tgt Ion:163 Resp: 90494

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.7	4.1
164	10.1	8.2	12.2



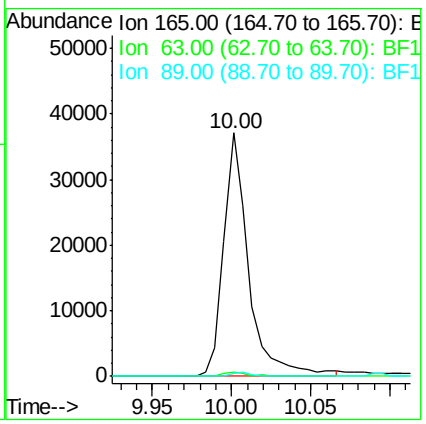


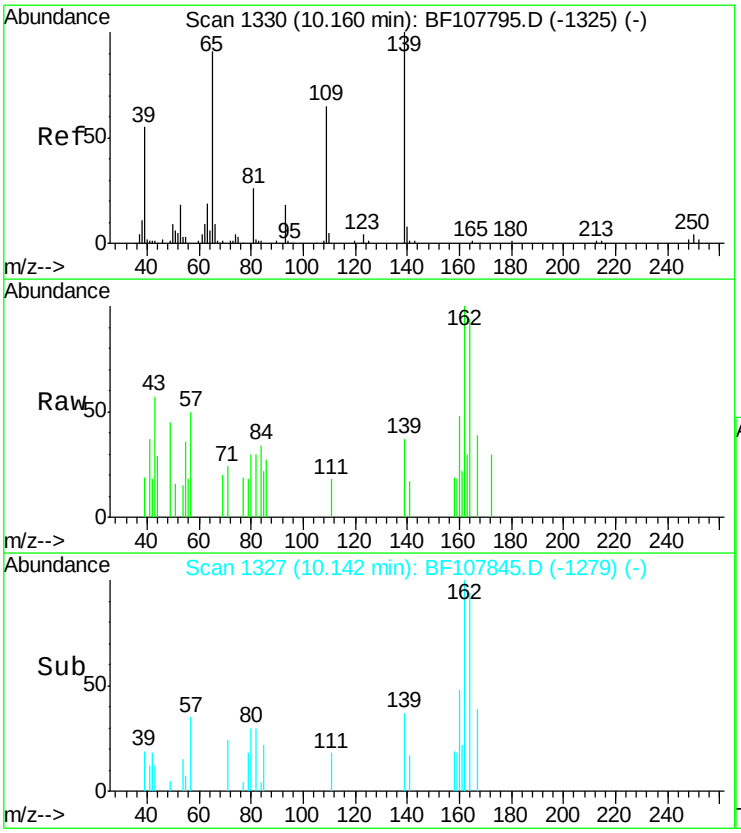
#50
2,6-Dinitrotoluene
Concen: 7.535 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Instrument :
BNA_F
ClientSampleId :
MW-A29

Tgt Ion:165 Resp: 40592

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.4	44.0	66.0#

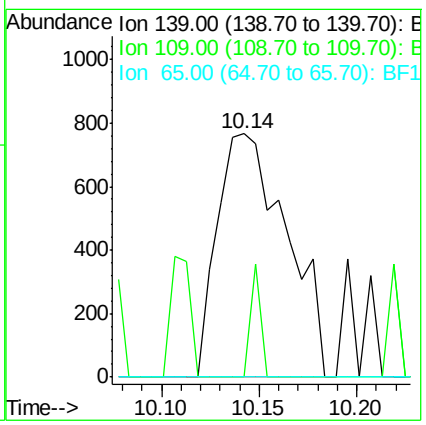


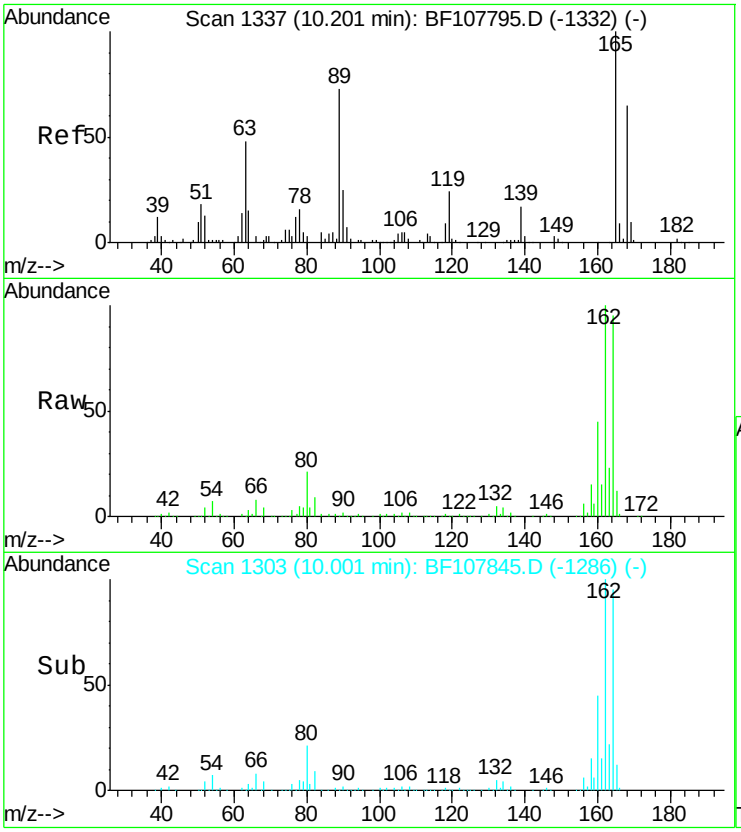


#55
4-Nitrophenol
Concen: 9.833 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Tgt Ion:139 Resp: 1882

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



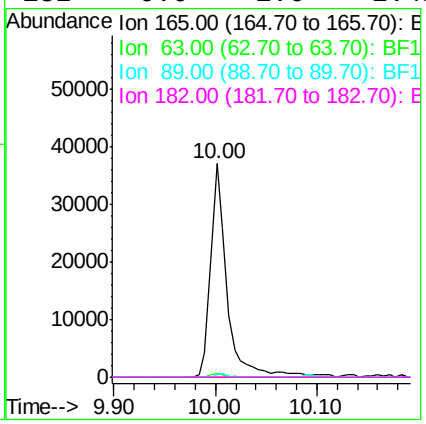


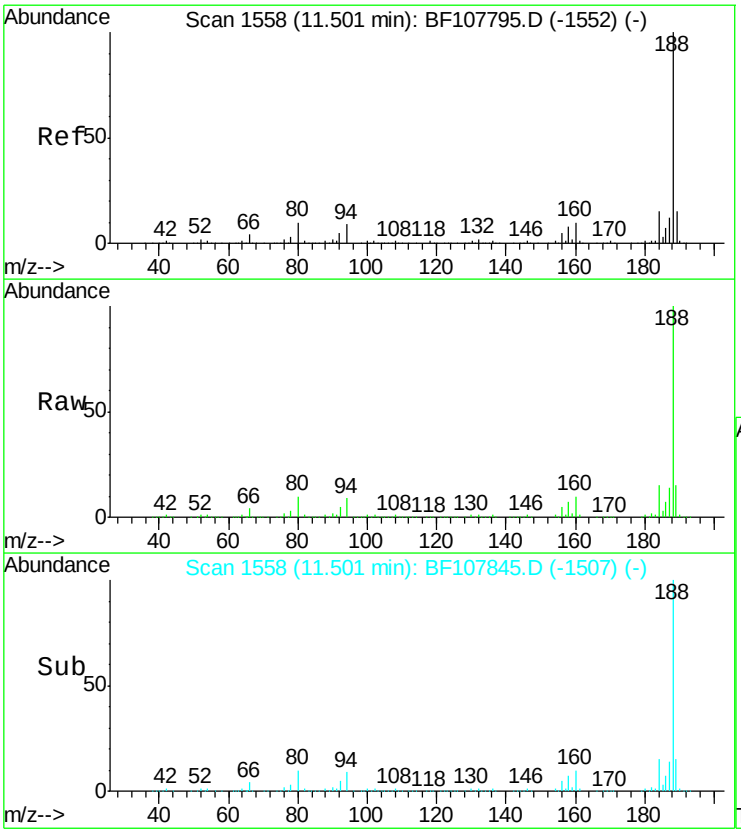
#56
2,4-Dinitrotoluene
Concen: 5.952 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Instrument :
BNA_F
ClientSampleId :
MW-A29

Tgt Ion:165 Resp: 42146

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

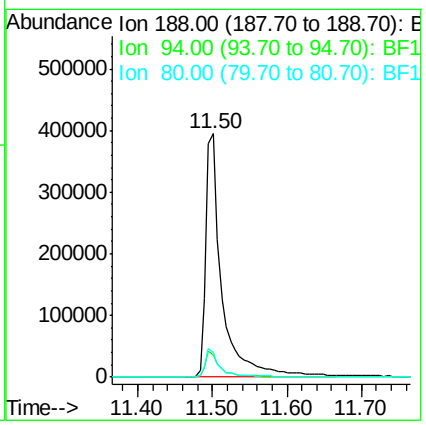


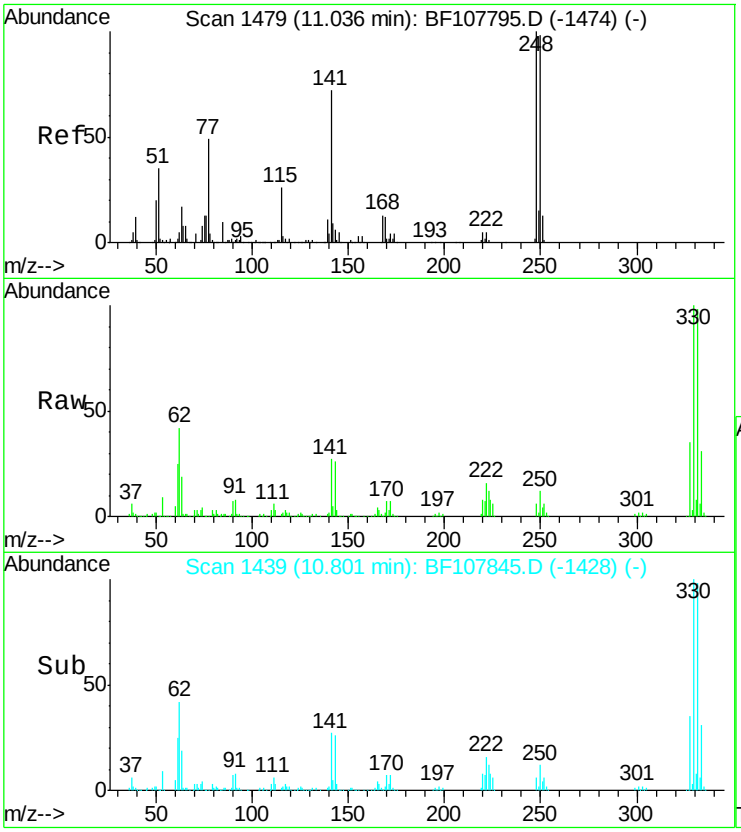


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Tgt Ion:188 Resp: 599391

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	10.1	9.2	13.8



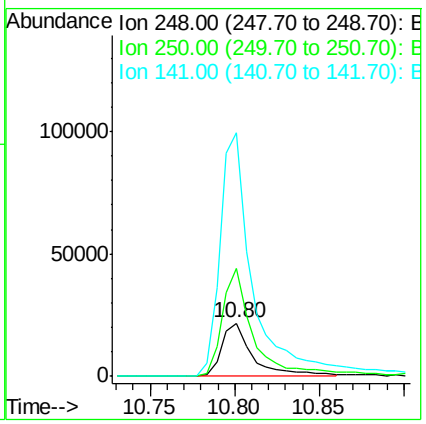


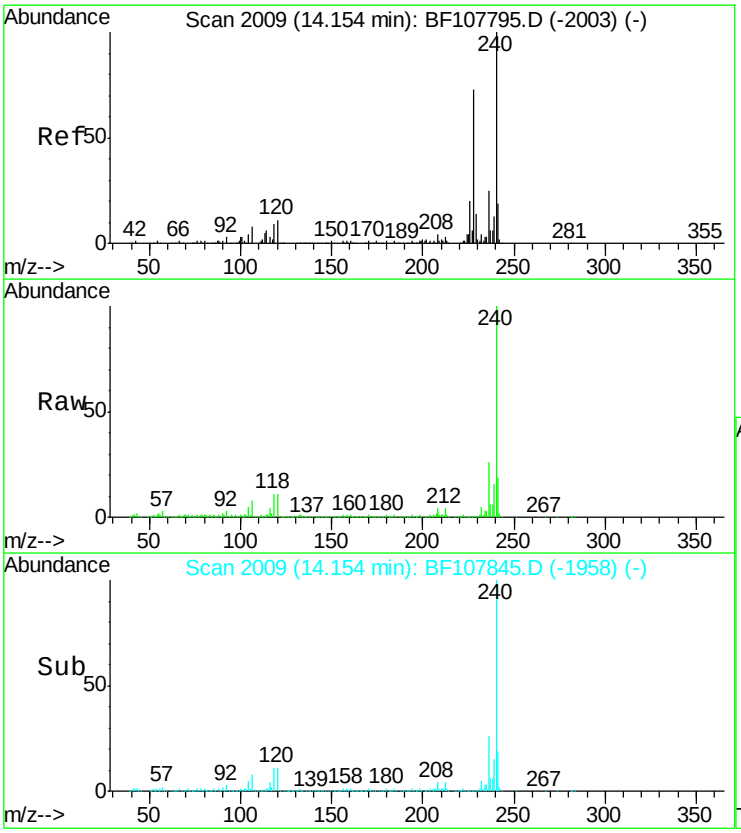
#66
4-Bromophenyl-phenylether
Concen: 4.007 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Instrument :
BNA_F
ClientSampleId :
MW-A29

Tgt Ion:248 Resp: 27996

Ion	Ratio	Lower	Upper
248	100		
250	202.0	76.9	115.3#
141	456.0	74.4	111.6#

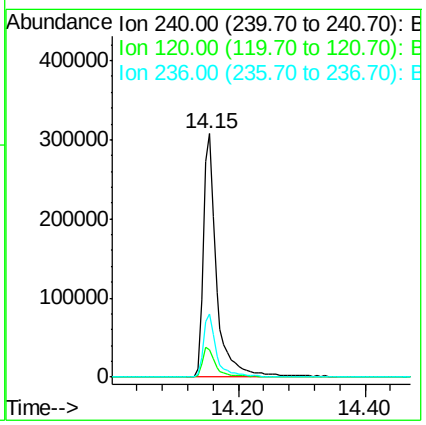


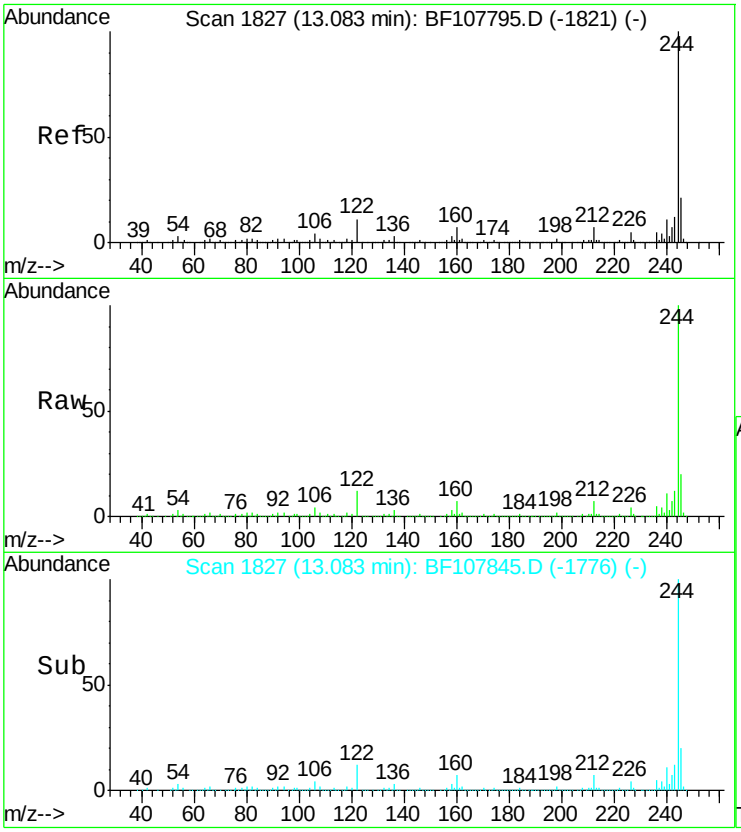


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Tgt Ion:240 Resp: 447889

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	26.0	20.7	31.1



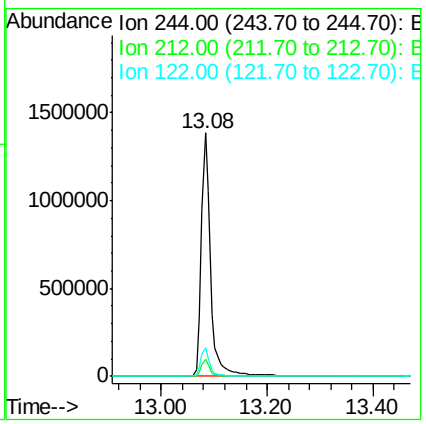


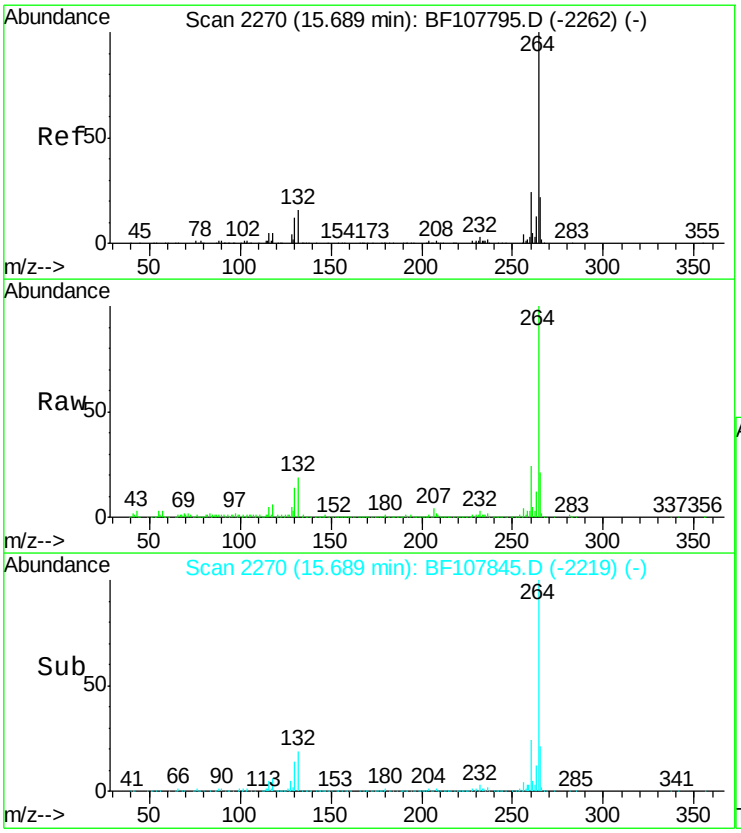
#78
Terphenyl-d14
Concen: 82.515 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Instrument :
BNA_F
ClientSampleId :
MW-A29

Tgt Ion:244 Resp: 1704338

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.7	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: BF107845.D
Acq: 31 Jul 2018 11:56

Tgt Ion:264 Resp: 426580

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	20.7	17.5	26.3