Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071218\
Data File : BF107347.D
Acq On : 12 Jul 2018 18:54
Operator : JU/SJ
Sample : J3832-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-071018

Quant Time: Jul 13 02:31:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 11 16:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	60912	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	218021	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	94126	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	181275	20.00	ng		0.00
75) Chrysene-d12	14.14	240	181892	20.00	ng		0.00
86) Perylene-d12	15.68	264	124494	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	227079	63.13	ng		0.00
7) Phenol-d6	6.58	99	274140	61.03	ng		0.00
23) Nitrobenzene-d5	7.50	82	164951	42.05	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	62861	57.62	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	281225	43.34	ng		0.00
78) Terphenyl-d14	13.07	244	328914	43.80	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.50	70	21197	7.158	ng	#	73
25) Isophorone	7.50	82	164951	23.861	ng	#	64
49) Dimethylphthalate	9.68	163	46628	6.605	ng		98
56) 2,4-Dinitrotoluene	9.98	165	11914	6.106	ng	#	21
70) Phenanthrene	11.50	178	18377	2.102	ng		98
74) Fluoranthene	12.70	202	33194	3.444	ng		97
77) Pyrene	12.94	202	31520	2.628	ng		98
87) Benzo(b)fluoranthene	15.22	252	23925	3.094	ng	#	78
88) Benzo(k)fluoranthene	15.22	252	23925	3.249	ng	#	82

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071218\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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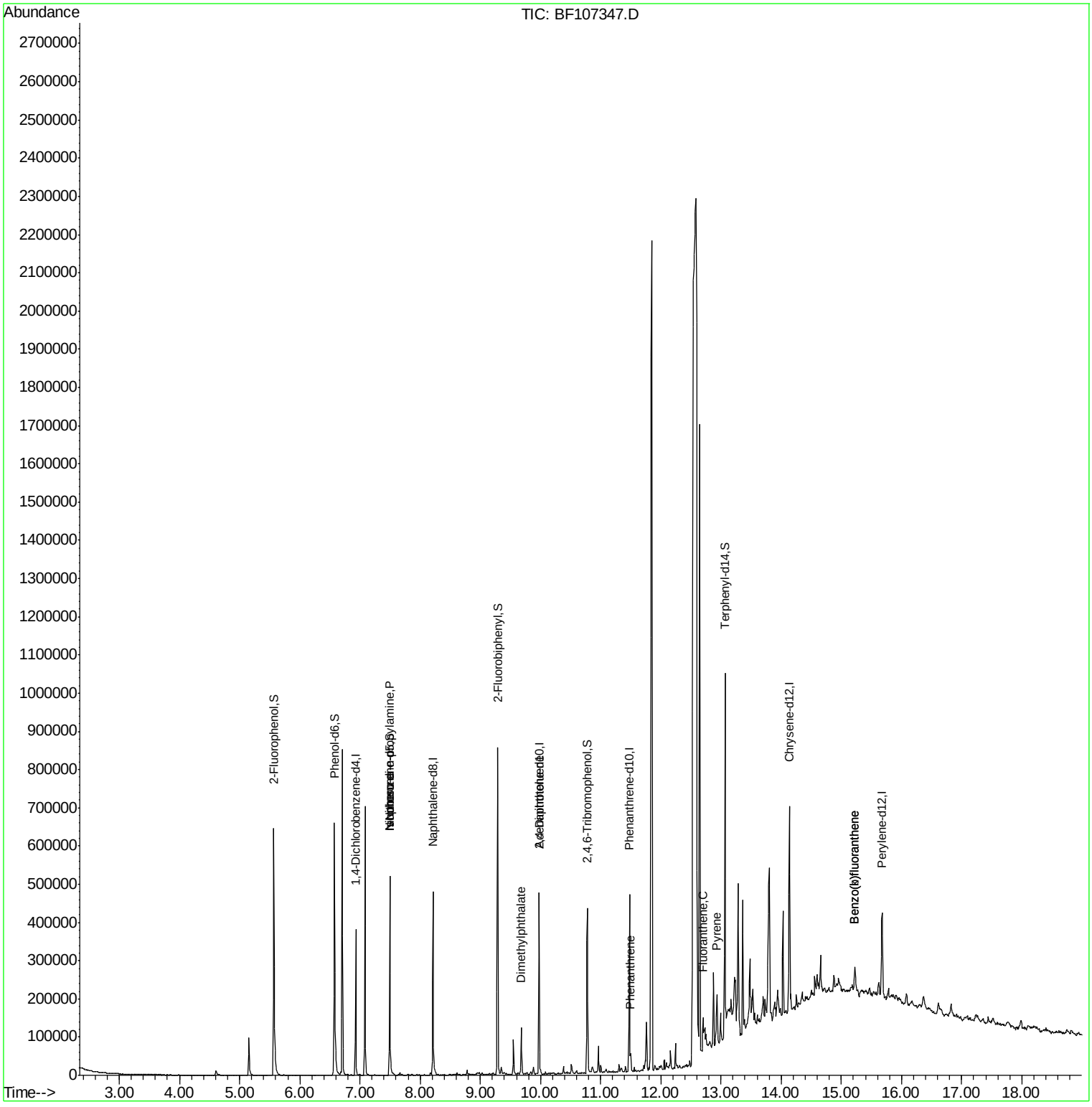
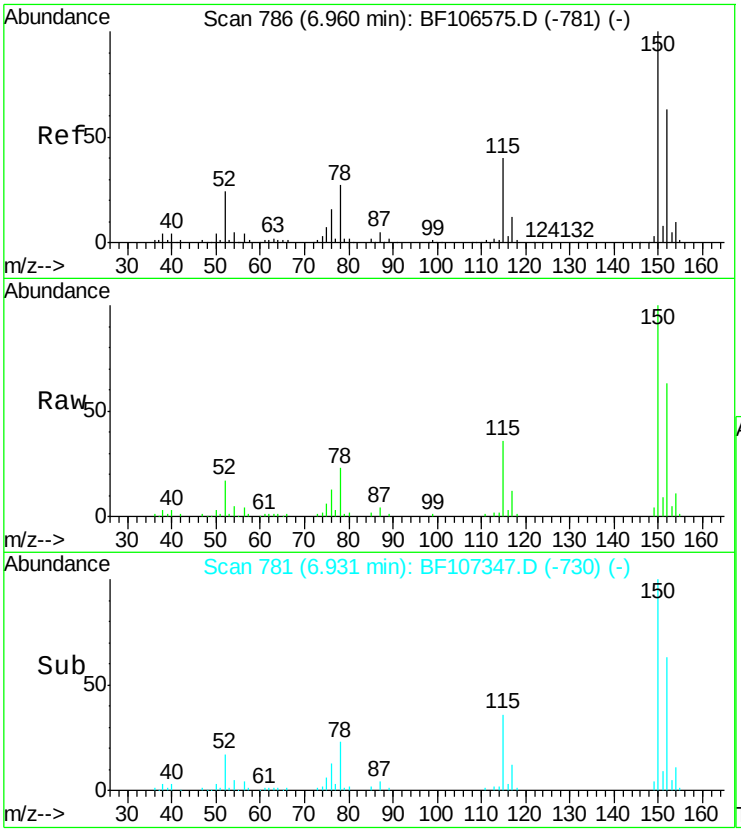


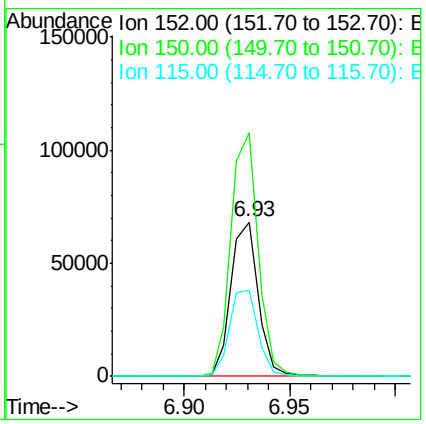


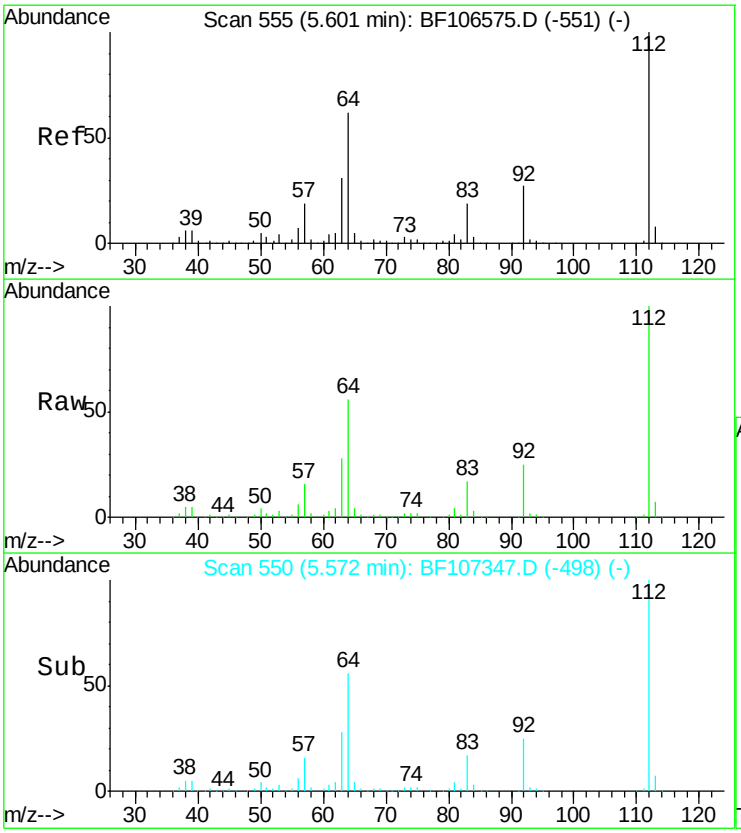
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF107347.D
Acq: 12 Jul 2018 18:54

Instrument :
BNA_F
ClientSampleId :
TR-05-071018

Tgt Ion:152 Resp: 60912

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	56.3	50.1	75.1

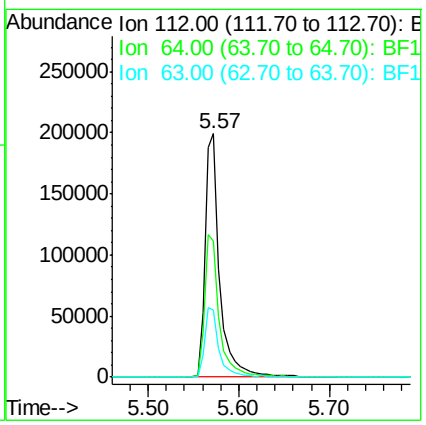


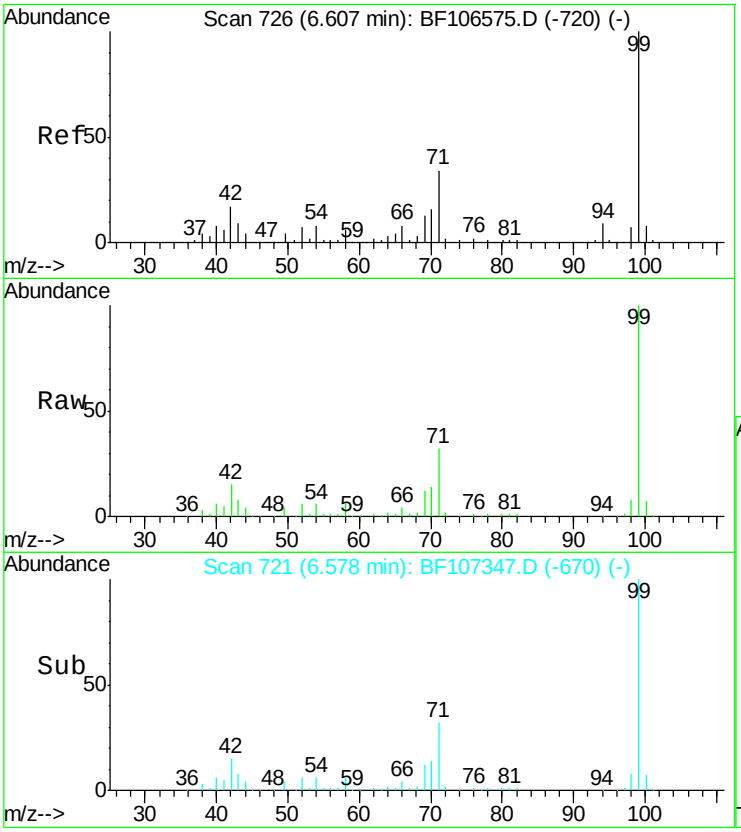


#5
2-Fluorophenol
Concen: 63.127 ng
RT: 5.57 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF107347.D
Acq: 12 Jul 2018 18:54

Tgt Ion:112 Resp: 227079

Ion	Ratio	Lower	Upper
112	100		
64	55.8	47.9	71.9
63	27.7	23.7	35.5



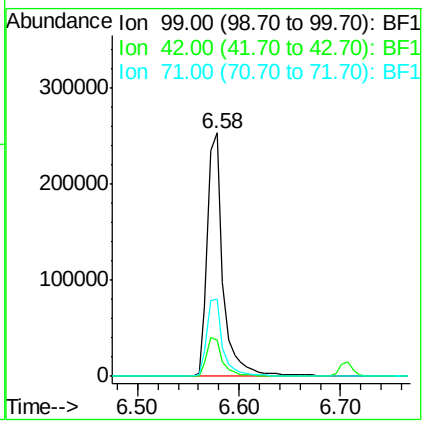


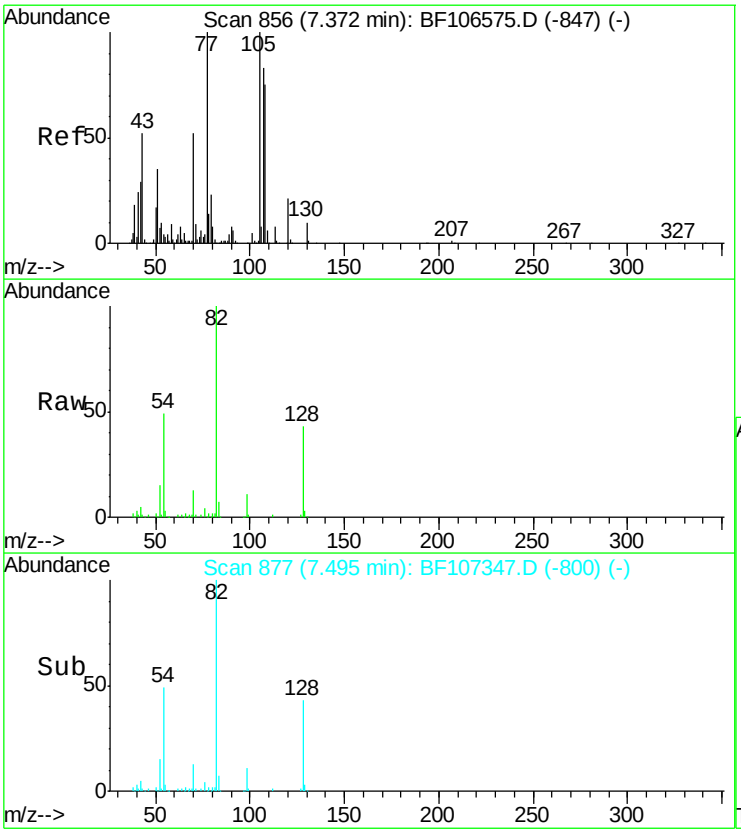
#7
Phenol-d6
Concen: 61.026 ng
RT: 6.58 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF107347.D
Acq: 12 Jul 2018 18:54

Instrument :
BNA_F
ClientSampleId :
TR-05-071018

Tgt Ion: 99 Resp: 274140

Ion	Ratio	Lower	Upper
99	100		
42	14.8	14.5	21.7
71	31.7	25.4	38.0

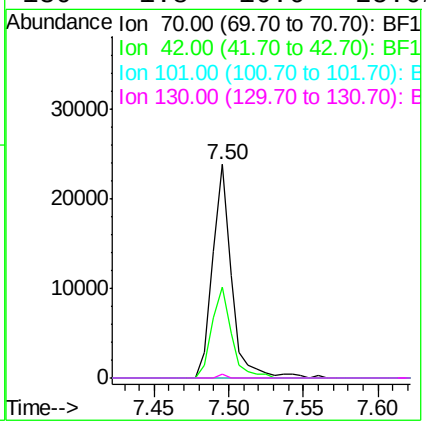


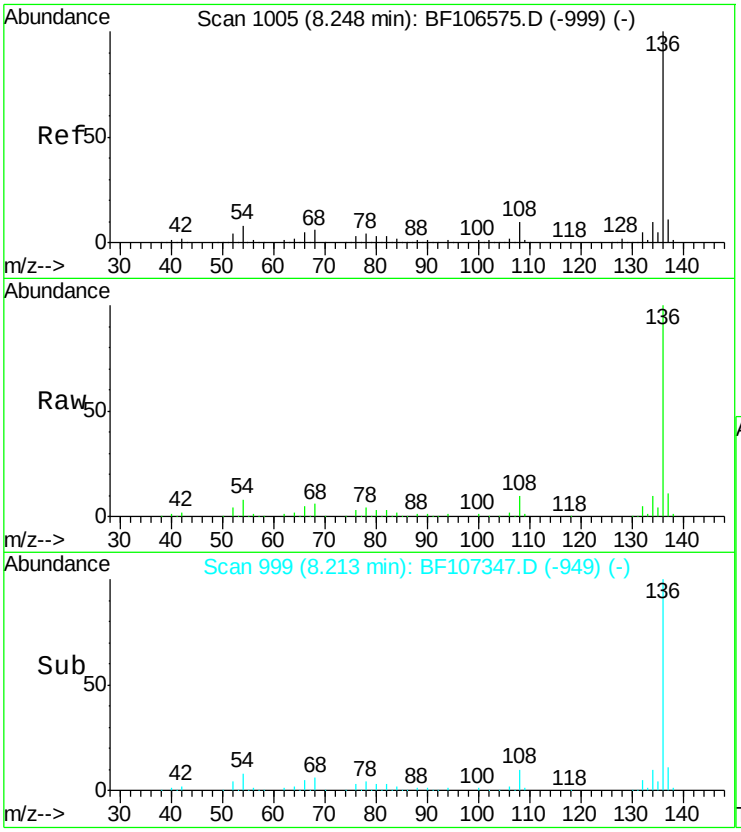


#19
n-Nitroso-di-n-propylamine
Concen: 7.158 ng
RT: 7.50 min Scan# 877
Delta R.T. 0.15 min
Lab File: BF107347.D
Acq: 12 Jul 2018 18:54

Tgt Ion: 70 Resp: 21197

Ion	Ratio	Lower	Upper
70	100		
42	42.4	47.5	71.3#
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#



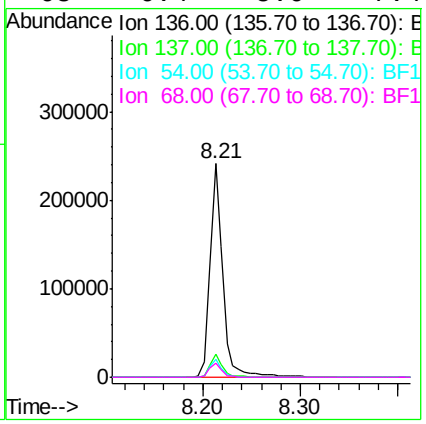


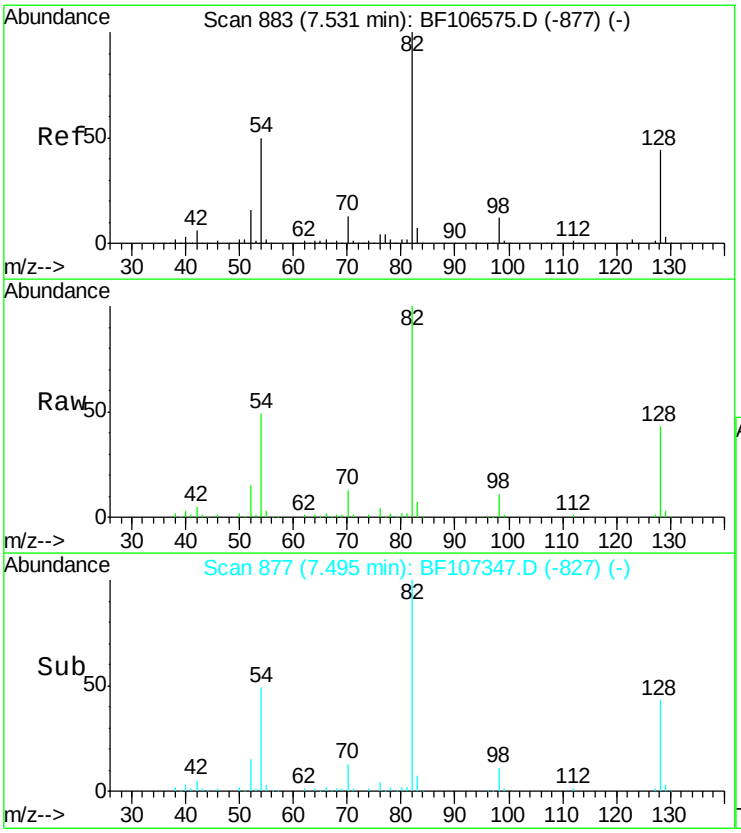
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF107347.D
Acq: 12 Jul 2018 18:54

Instrument :
BNA_F
ClientSampleId :
TR-05-071018

Tgt Ion:136 Resp: 218021

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.3	6.6	9.8
68	6.4	5.0	7.4

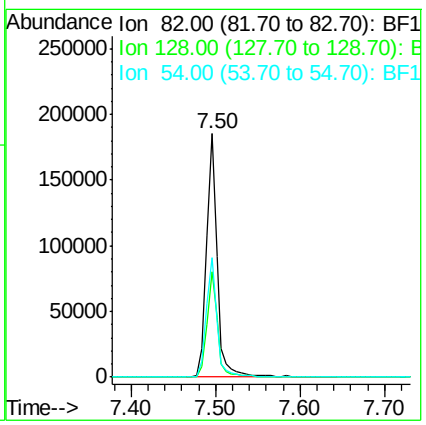


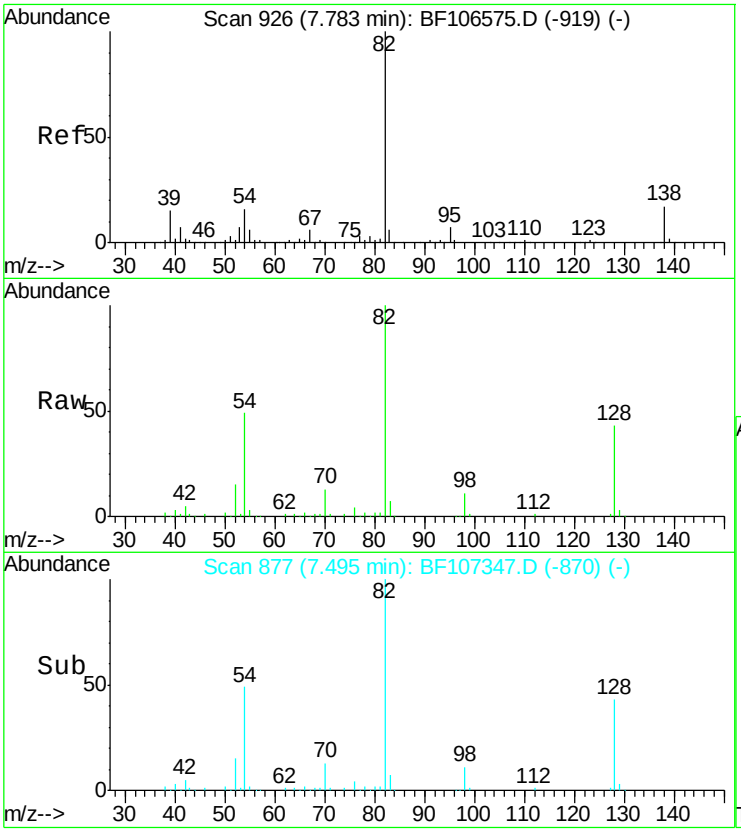


#23
Nitrobenzene-d5
Concen: 42.046 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF107347.D
Acq: 12 Jul 2018 18:54

Tgt Ion: 82 Resp: 164951

Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	49.1	41.4	62.2



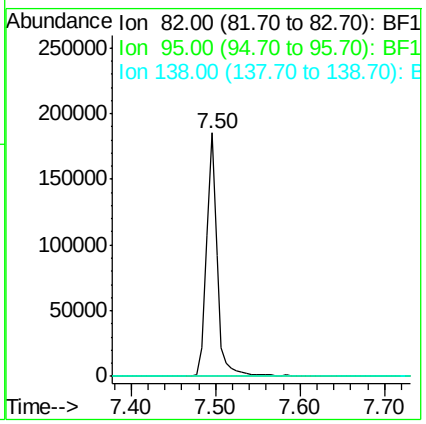


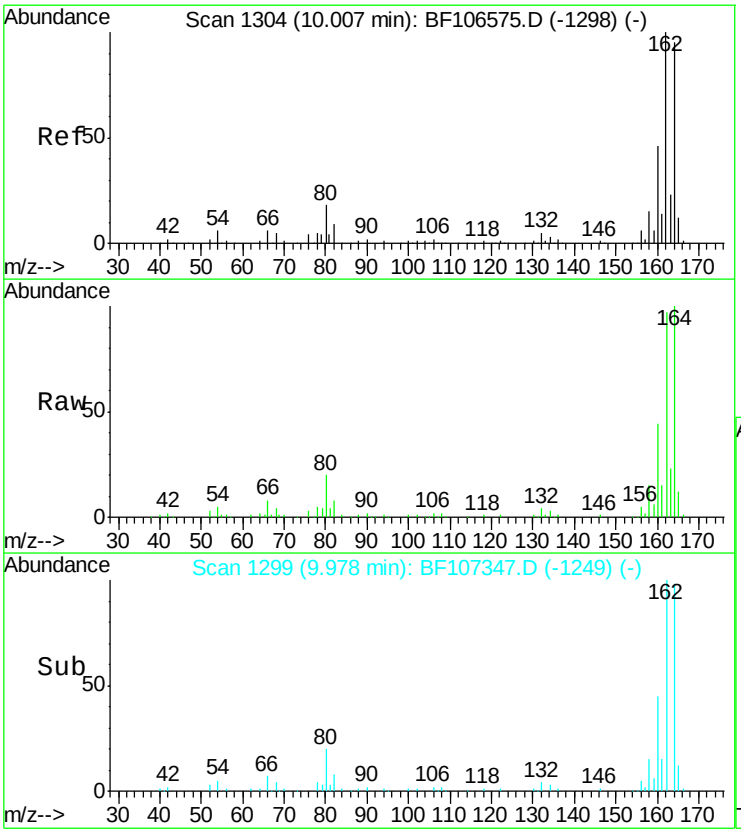
#25
Isophorone
Concen: 23.861 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.26 min
Lab File: BF107347.D
Acq: 12 Jul 2018 18:54

Instrument :
BNA_F
ClientSampleId :
TR-05-071018

Tgt Ion: 82 Resp: 164951

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

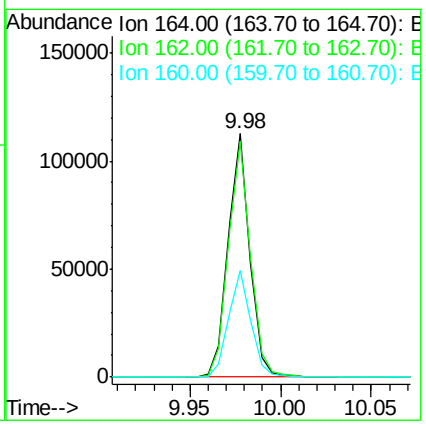


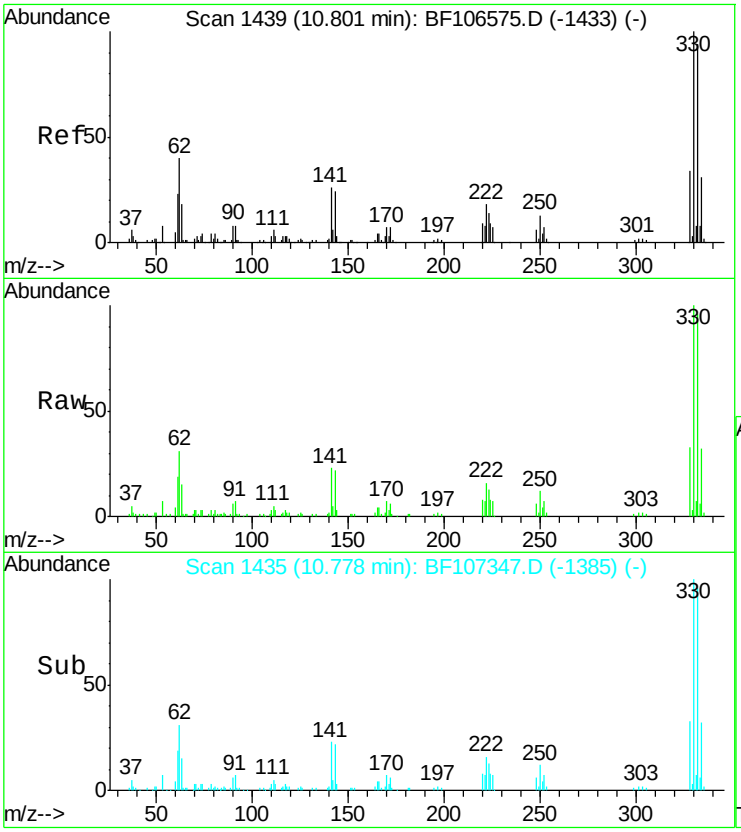


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF107347.D
Acq: 12 Jul 2018 18:54

Tgt Ion:164 Resp: 94126

Ion	Ratio	Lower	Upper
164	100		
162	97.0	86.1	129.1
160	43.7	38.3	57.5



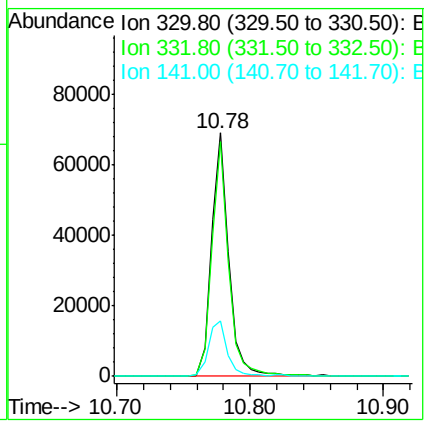


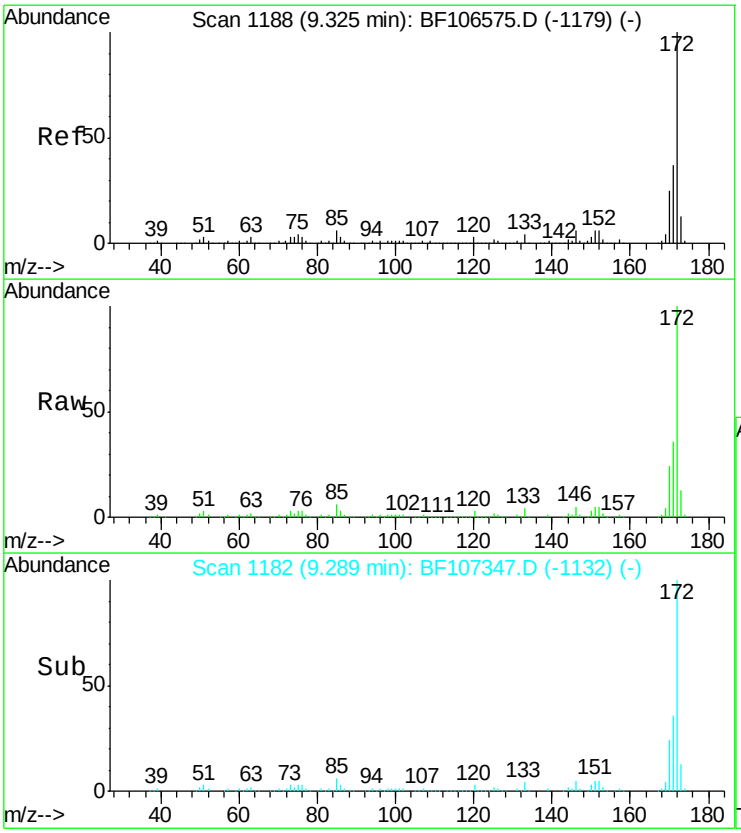
#41
2,4,6-Tribromophenol
Concen: 57.621 ng
RT: 10.78 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF107347.D
Acq: 12 Jul 2018 18:54

Instrument :
BNA_F
ClientSampleId :
TR-05-071018

Tgt Ion:330 Resp: 62861

Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	24.6	29.9	44.9#

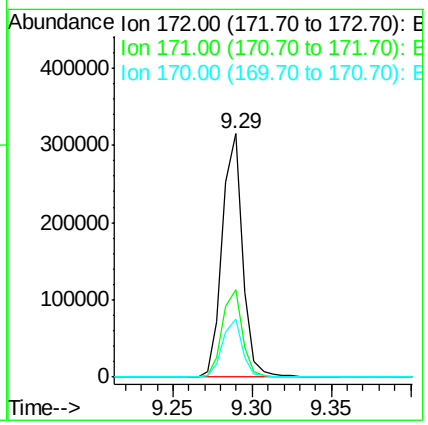


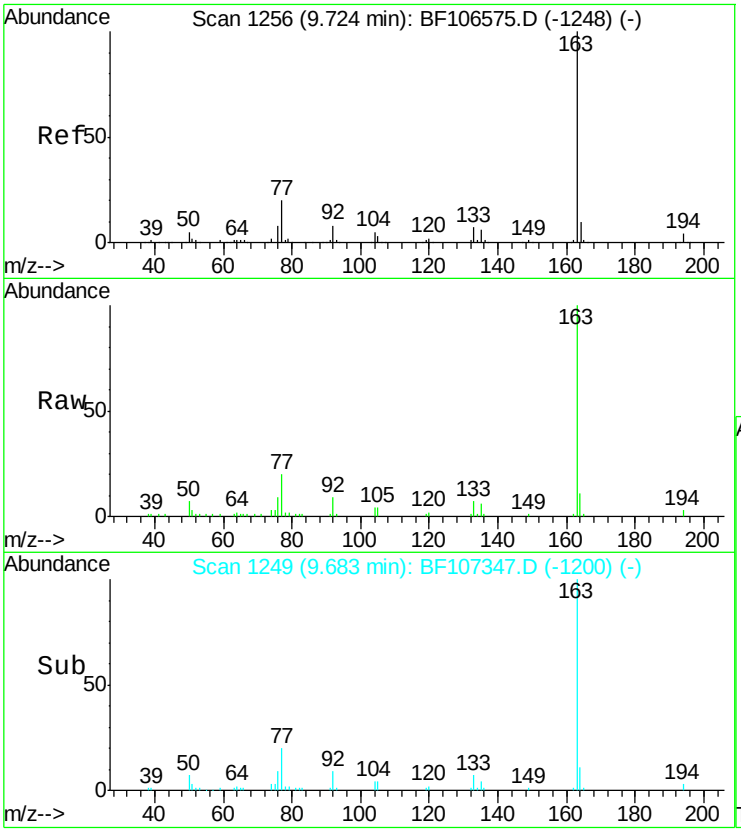


#44
2-Fluorobiphenyl
Concen: 43.342 ng
RT: 9.29 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF107347.D
Acq: 12 Jul 2018 18:54

Tgt Ion:172 Resp: 281225

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.8	19.6	29.4



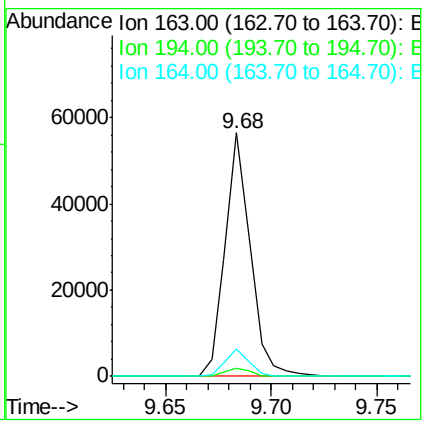


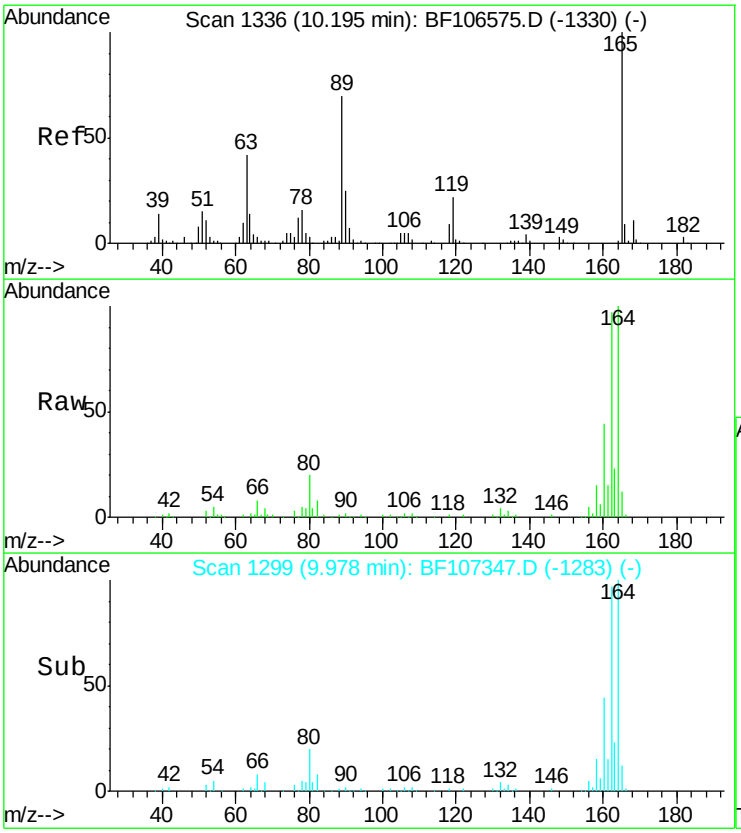
#49
Dimethylphthalate
Concen: 6.605 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF107347.D
Acq: 12 Jul 2018 18:54

Instrument :
BNA_F
ClientSampleId :
TR-05-071018

Tgt Ion:163 Resp: 46628

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	11.0	8.2	12.2

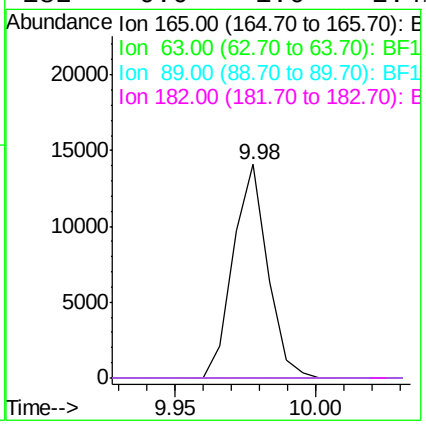


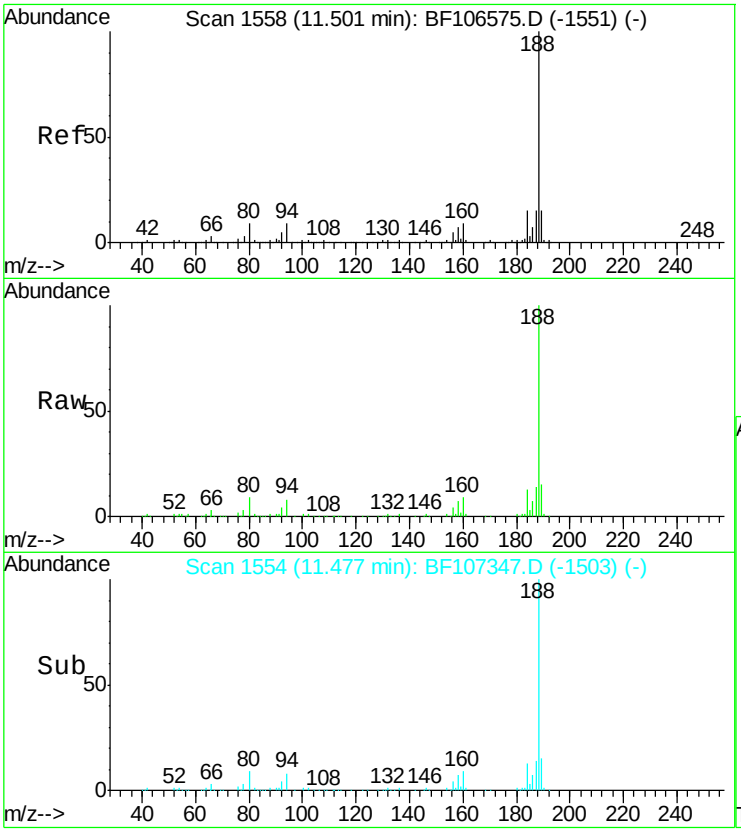


#56
2,4-Dinitrotoluene
Concen: 6.106 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF107347.D
Acq: 12 Jul 2018 18:54

Tgt Ion:165 Resp: 11914

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



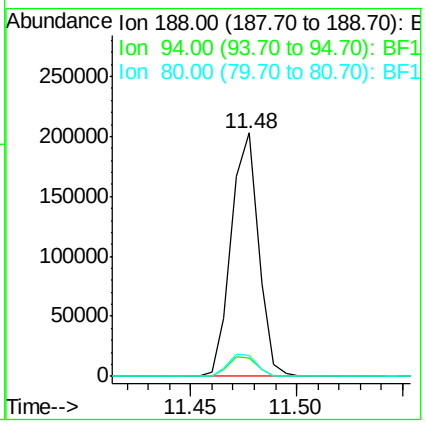


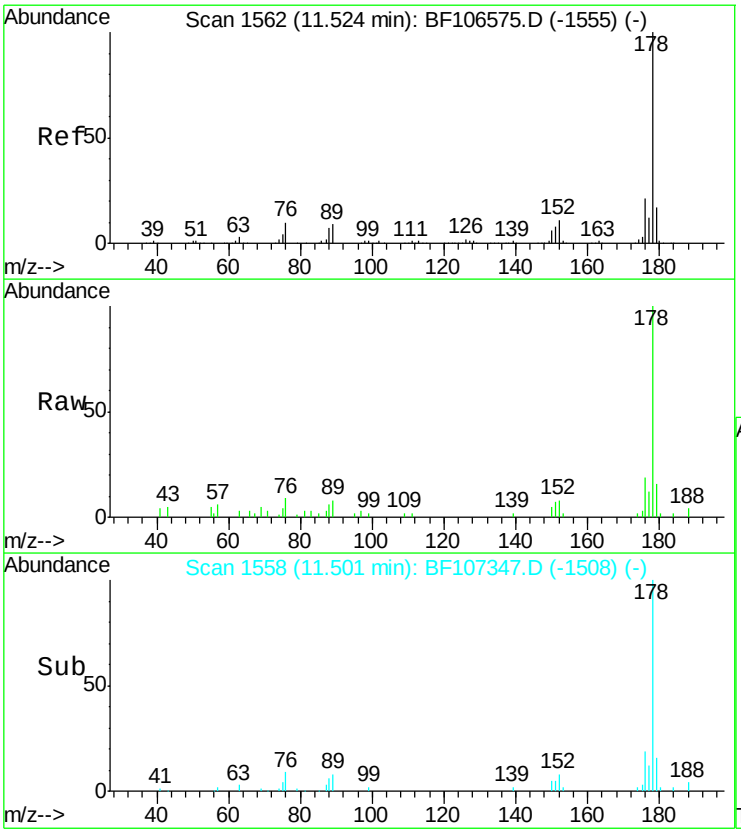
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. 0.00 min
Lab File: BF107347.D
Acq: 12 Jul 2018 18:54

Instrument :
BNA_F
ClientSampleId :
TR-05-071018

Tgt Ion:188 Resp: 181275

Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.8	9.2	13.8#

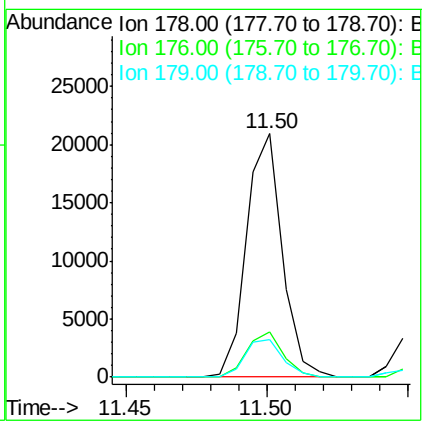


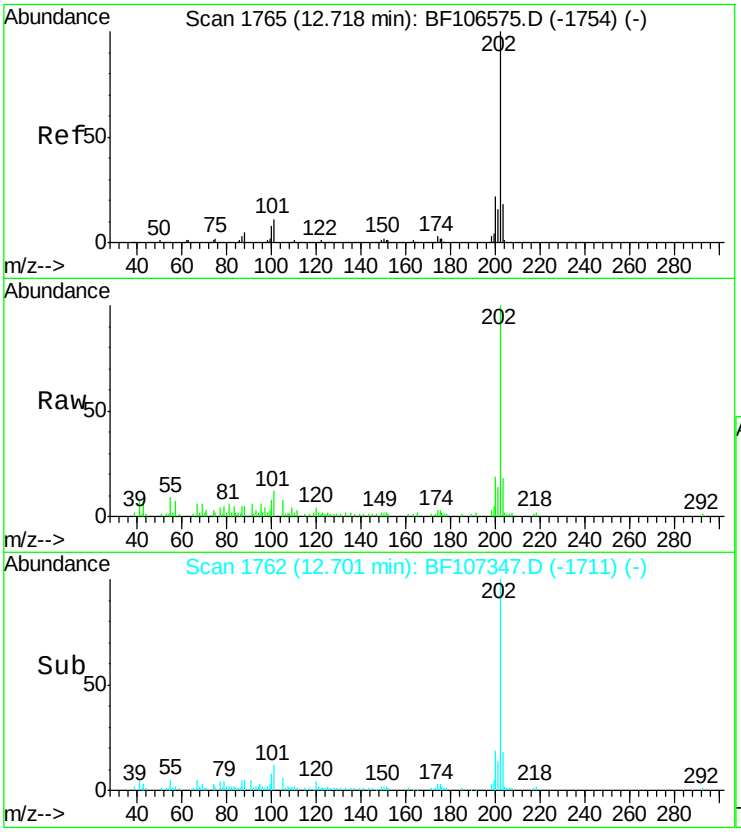


#70
Phenanthrene
Concen: 2.102 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107347.D
Acq: 12 Jul 2018 18:54

Tgt Ion:178 Resp: 18377

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.5	13.0	19.6



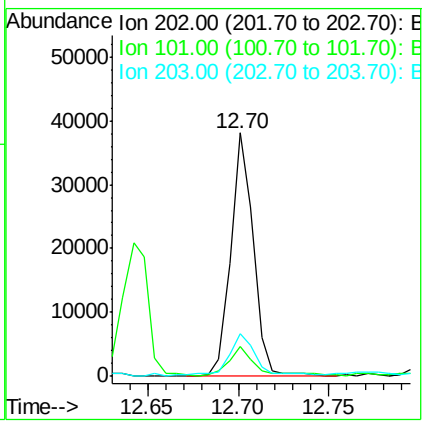


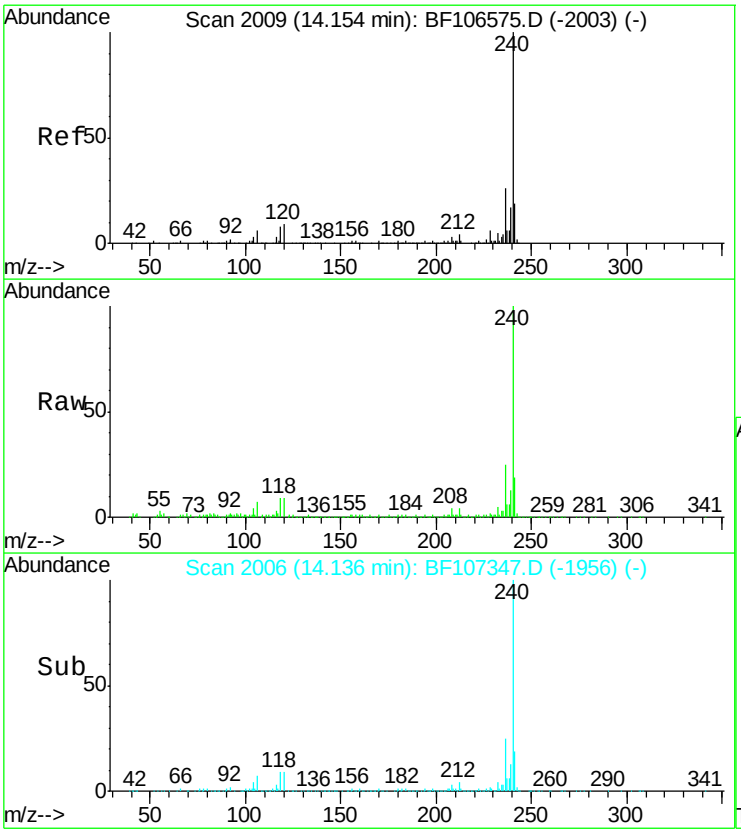
#74
Fluoranthene
Concen: 3.444 ng
RT: 12.70 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF107347.D
Acq: 12 Jul 2018 18:54

Instrument :
BNA_F
ClientSampleId :
TR-05-071018

Tgt Ion:202 Resp: 33194

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.1
203	17.6	0.0	38.1

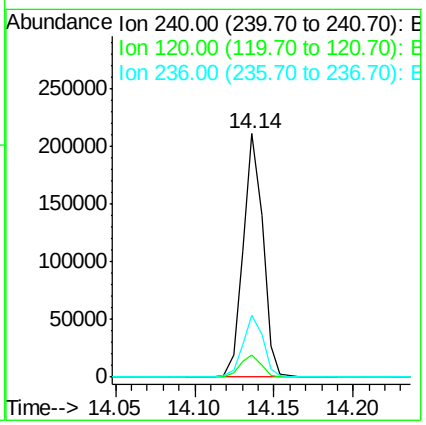


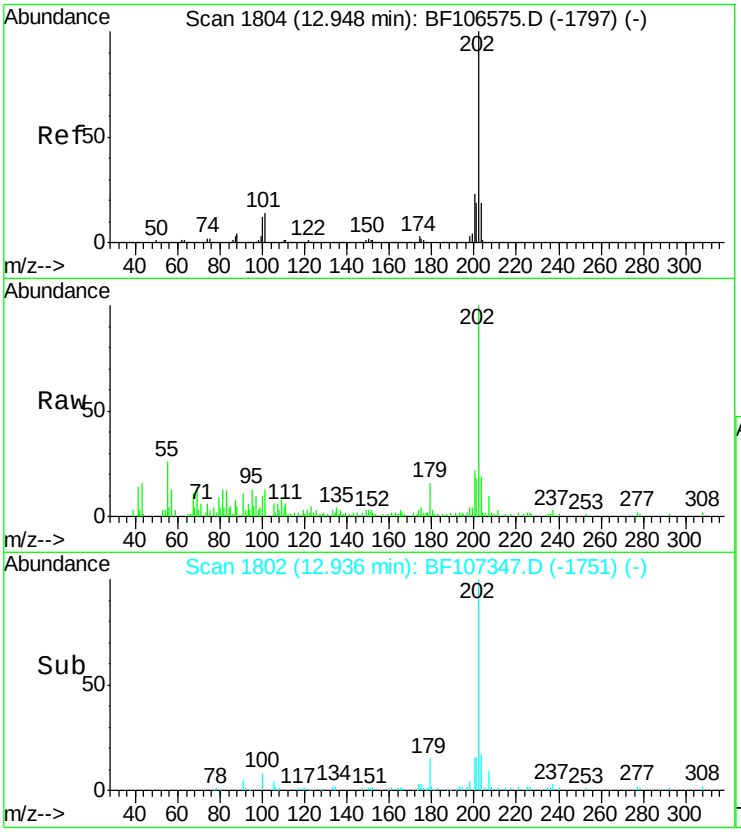


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF107347.D
Acq: 12 Jul 2018 18:54

Tgt Ion:240 Resp: 181892

Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	25.3	20.7	31.1



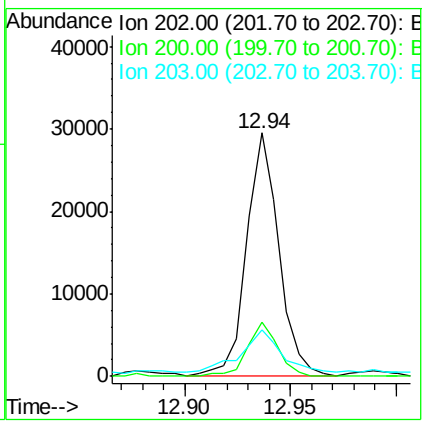


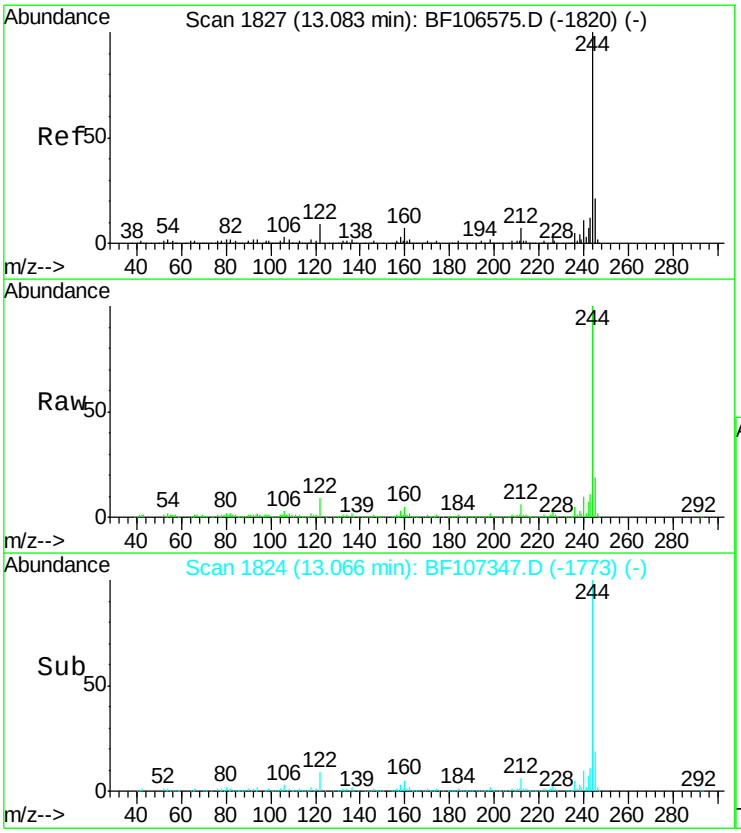
#77
Pyrene
Concen: 2.628 ng
RT: 12.94 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BF107347.D
Acq: 12 Jul 2018 18:54

Instrument :
BNA_F
ClientSampleId :
TR-05-071018

Tgt Ion:202 Resp: 31520

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	19.0	14.3	21.5

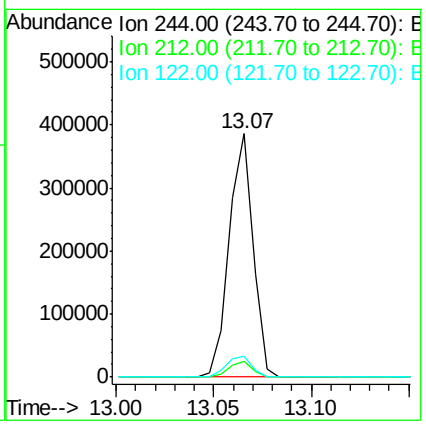


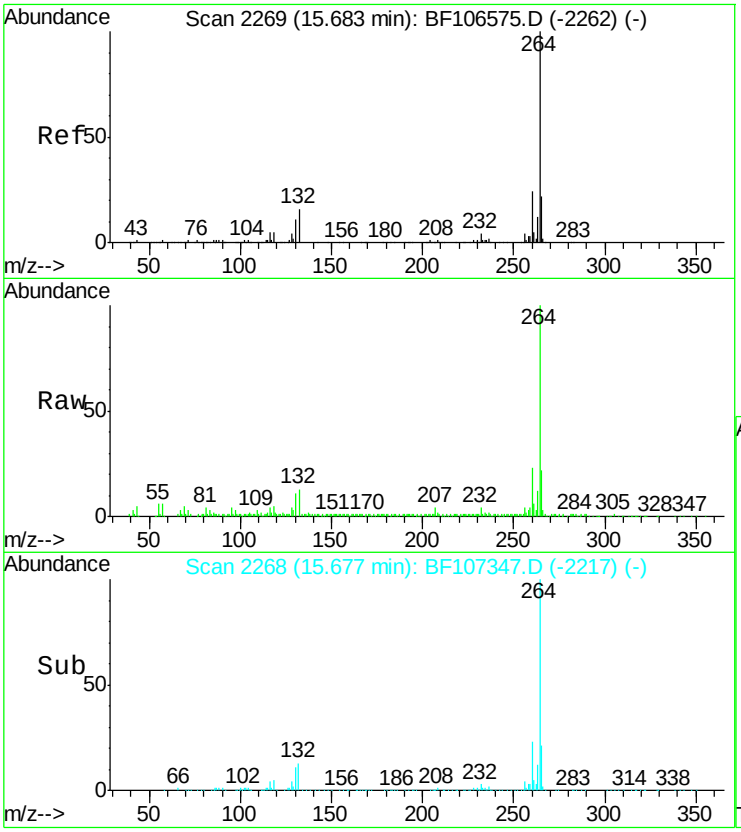


#78
Terphenyl-d14
Concen: 43.802 ng
RT: 13.07 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BF107347.D
Acq: 12 Jul 2018 18:54

Tgt Ion:244 Resp: 328914

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	8.8	11.0	16.4#



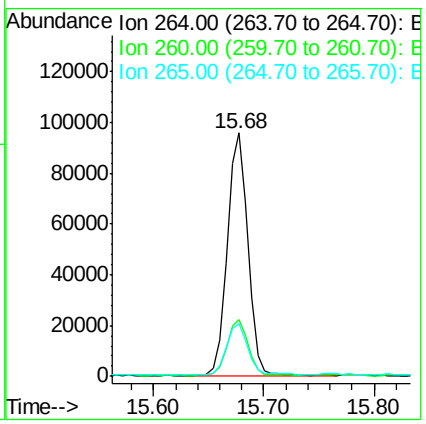


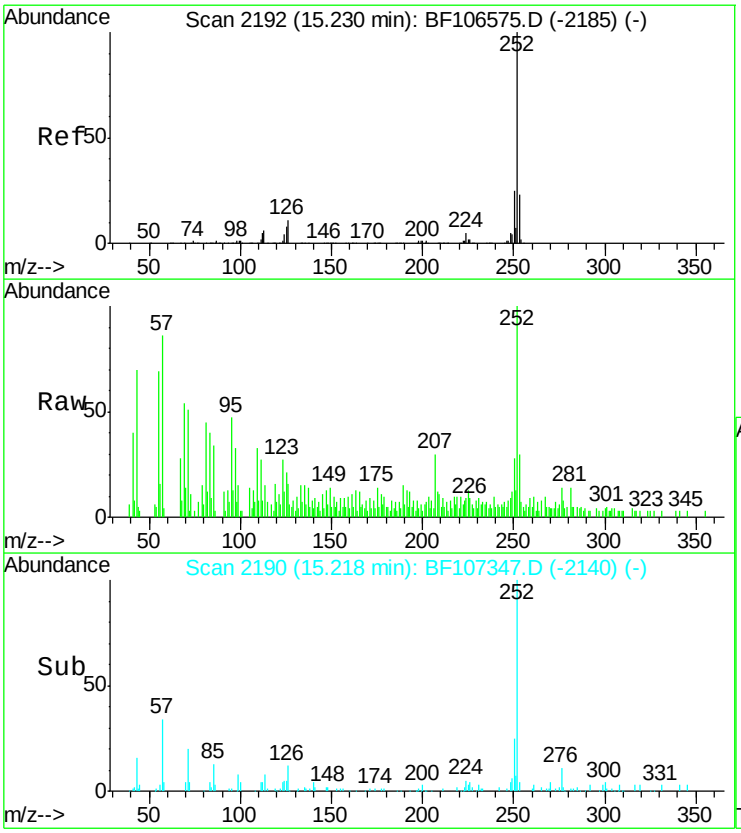
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF107347.D
Acq: 12 Jul 2018 18:54

Instrument :
BNA_F
ClientSampleId :
TR-05-071018

Tgt Ion:264 Resp: 124494

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.7	17.5	26.3

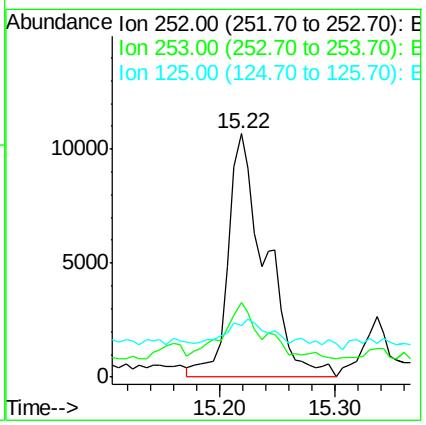


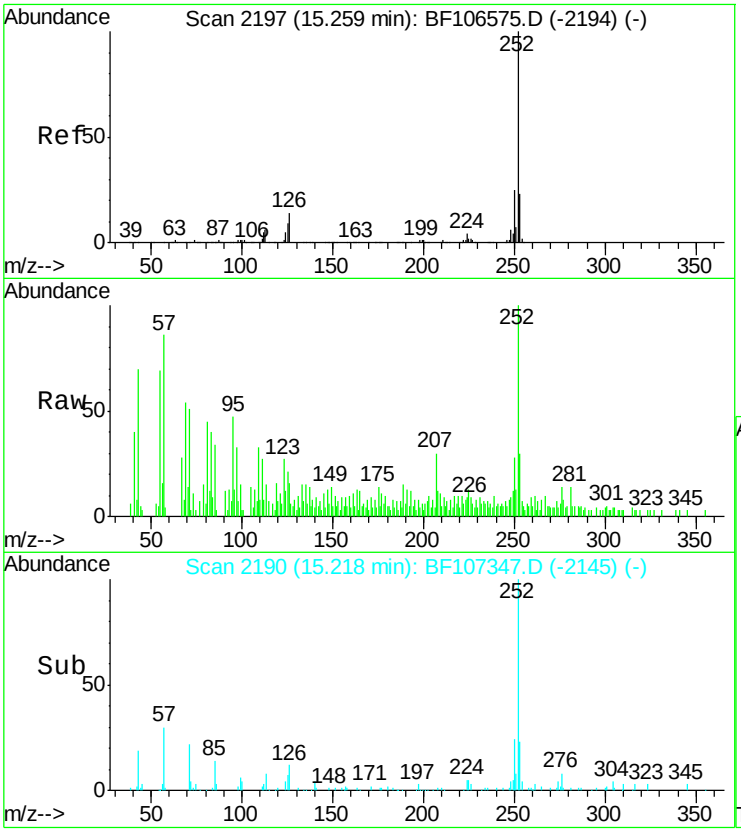


#87
Benzo(b)fluoranthene
Concen: 3.094 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF107347.D
Acq: 12 Jul 2018 18:54

Tgt Ion:252 Resp: 23925

Ion	Ratio	Lower	Upper
252	100		
253	30.4	17.0	25.6#
125	21.2	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 3.249 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF107347.D
Acq: 12 Jul 2018 18:54

Instrument :
BNA_F
ClientSampleId :
TR-05-071018

Tgt Ion:252 Resp: 23925

Ion	Ratio	Lower	Upper
252	100		
253	30.4	17.9	26.9#
125	21.2	10.2	15.2#