Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072318\
Data File : BF107603.D
Acq On : 23 Jul 2018 22:01
Operator : JU/SJ
Sample : J3991-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1-A

Quant Time: Jul 24 03:23:07 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	6.98	152	202652	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	683520	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	263028	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	557859	20.00	ng	0.00
75) Chrysene-d12	14.17	240	454840	20.00	ng	0.00
86) Perylene-d12	15.71	264	339146	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1150720	91.30	ng	0.00
7) Phenol-d6	6.61	99	1372511	90.69	ng	0.00
23) Nitrobenzene-d5	7.54	82	805500	79.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	334887	111.96	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1334415	87.62	ng	0.00
78) Terphenyl-d14	13.10	244	1475577	83.05	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.61	77	2154	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.54	70	104469	10.685	ng	# 81
25) Isophorone	7.54	82	805495	37.248	ng	# 64
49) Dimethylphthalate	9.72	163	219755	11.086	ng	99
56) 2,4-Dinitrotoluene	10.02	165	33371	7.024	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.81	198	576	8.856	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	20737	3.158	ng	# 1
73) Di-n-butylphthalate	12.06	149	26488	Below Cal	#	96
74) Fluoranthene	12.73	202	63149	2.165	ng	100
81) 3,3'-Dichlorobenzidine	14.09	252	990	Below Cal	#	1
87) Benzo(b)fluoranthene	15.25	252	44600	2.403	ng	# 73
88) Benzo(k)fluoranthene	15.25	252	44600	2.453	ng	# 76

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072318\
Data File : BF107603.D
Acq On : 23 Jul 2018 22:01
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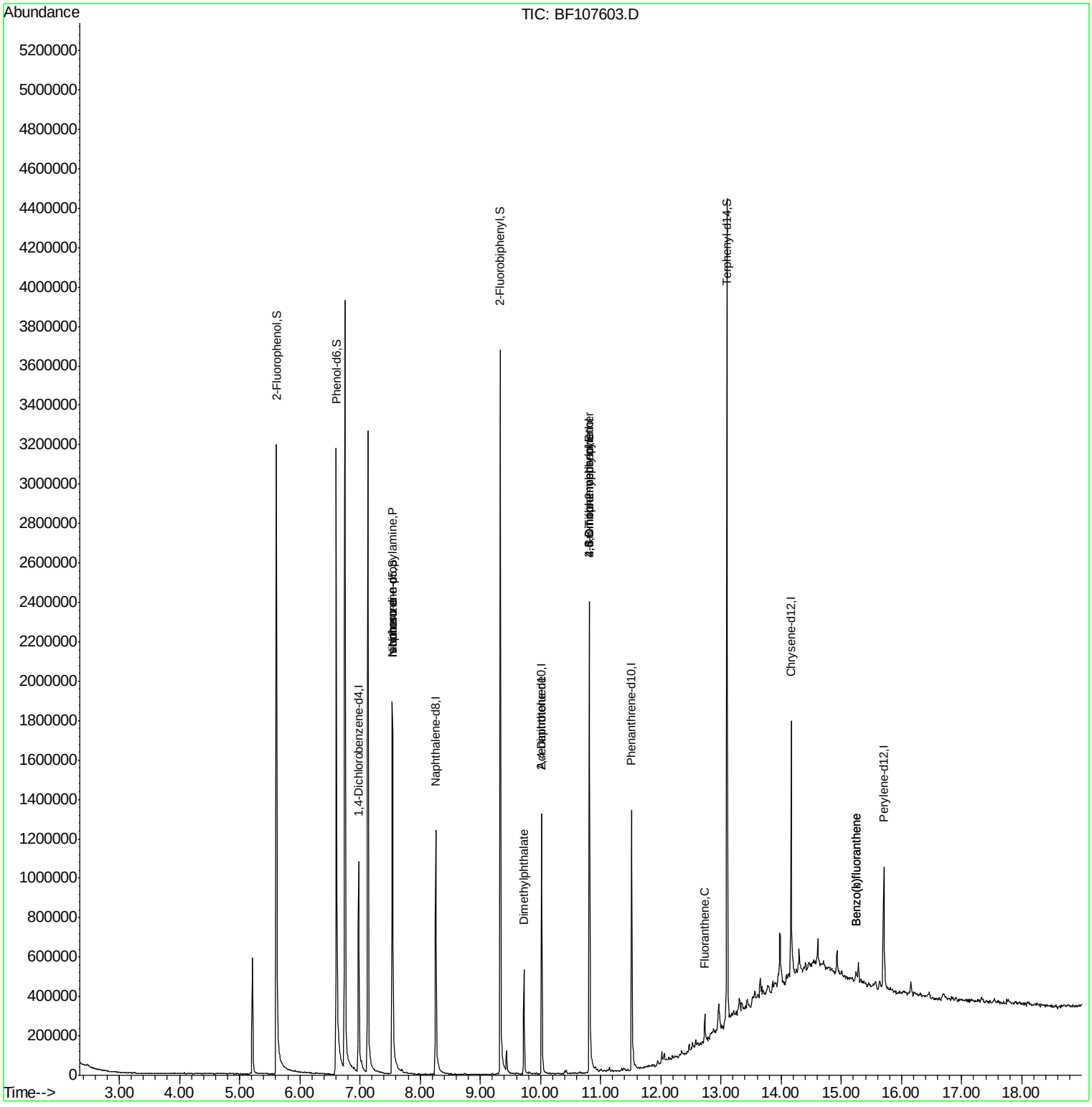
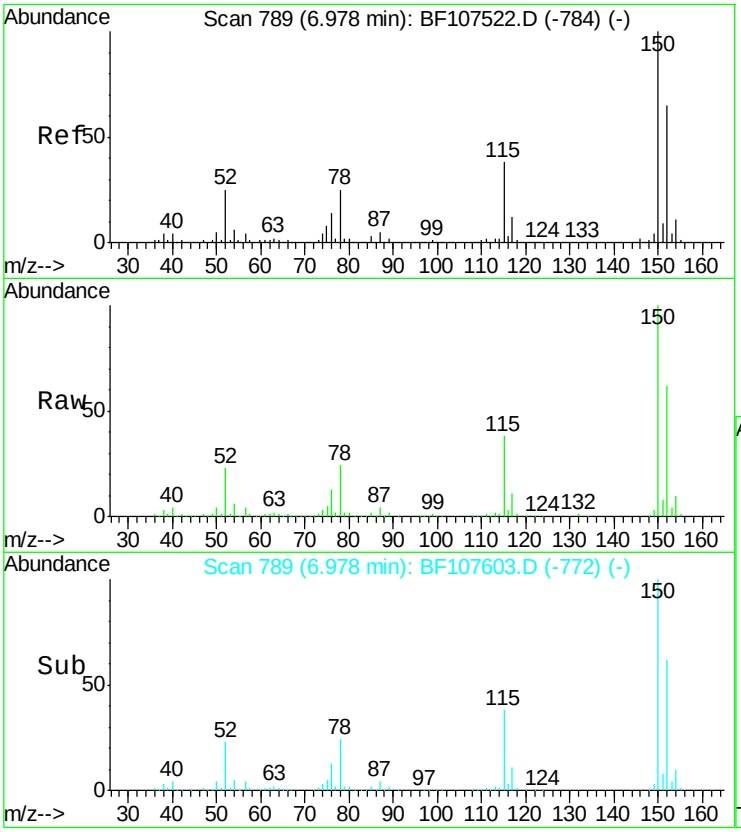
Sample : J3991-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-A

Quant Time: Jul 24 03:23:07 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



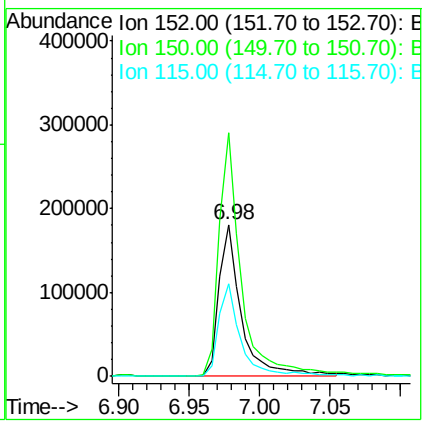


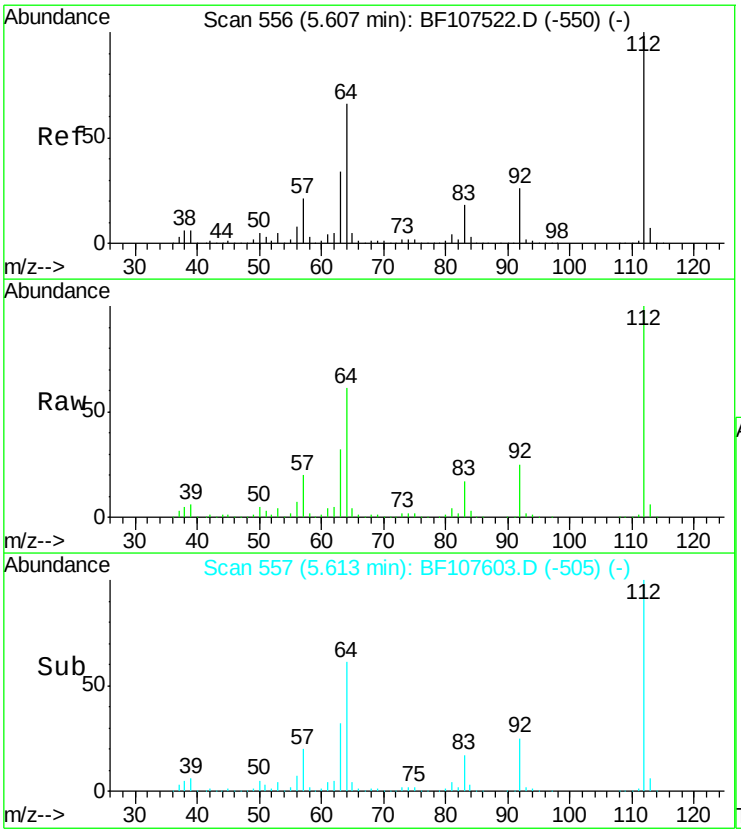
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF107603.D
Acq: 23 Jul 2018 22:01

Instrument :
BNA_F
ClientSampleId :
SB-1-A

Tgt Ion:152 Resp: 202652

Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	61.1	50.1	75.1

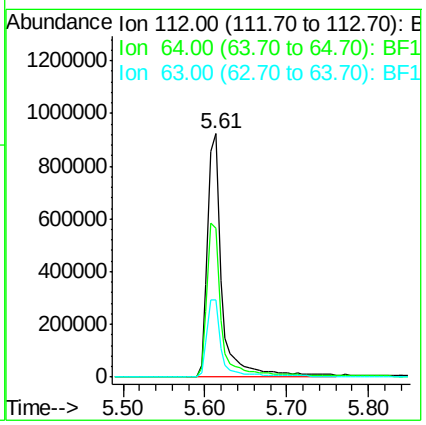


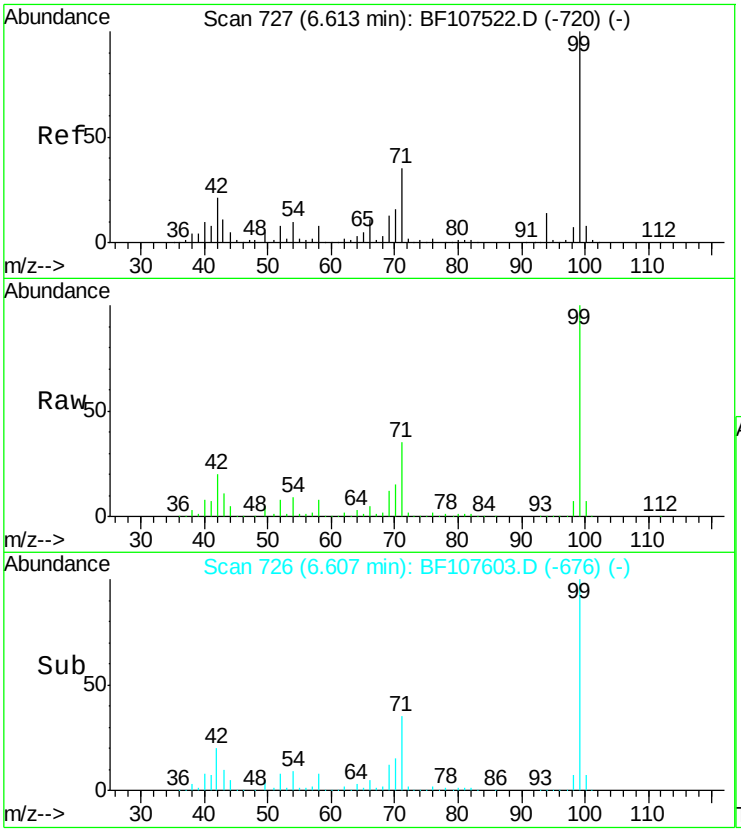


#5
2-Fluorophenol
Concen: 91.296 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107603.D
Acq: 23 Jul 2018 22:01

Tgt Ion:112 Resp: 1150720

Ion	Ratio	Lower	Upper
112	100		
64	61.3	47.9	71.9
63	31.9	23.7	35.5



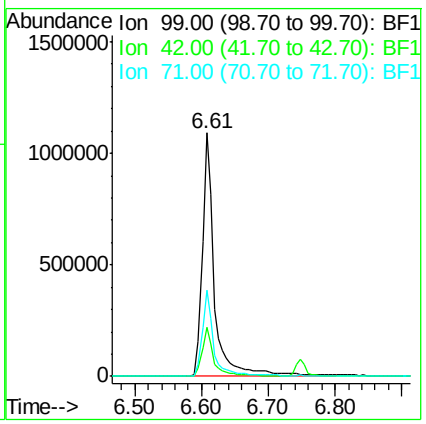


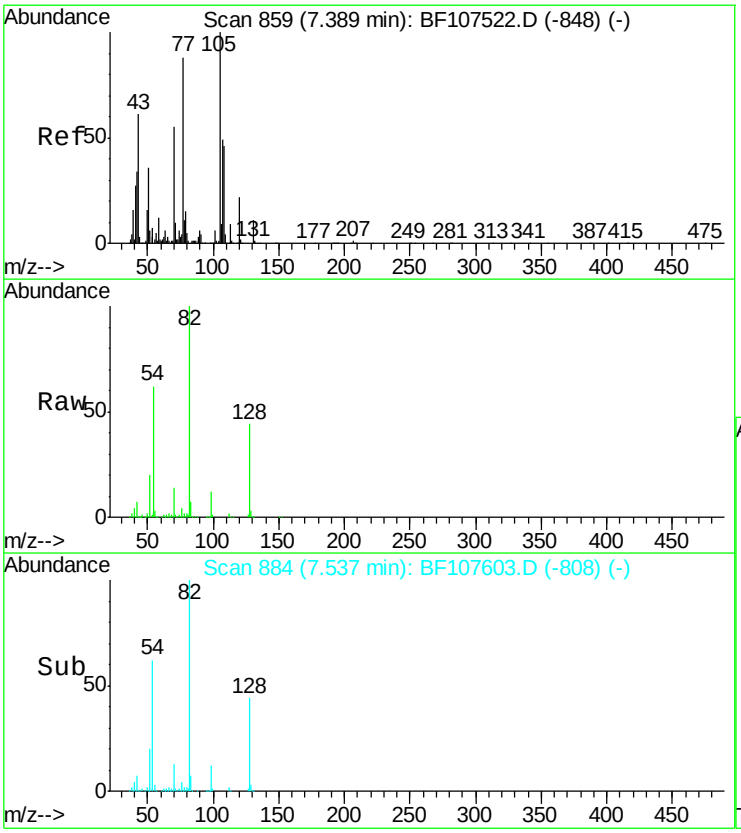
#7
Phenol-d6
Concen: 90.688 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF107603.D
Acq: 23 Jul 2018 22:01

Instrument :
BNA_F
ClientSampleId :
SB-1-A

Tgt Ion: 99 Resp: 1372511

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	35.2	25.4	38.0

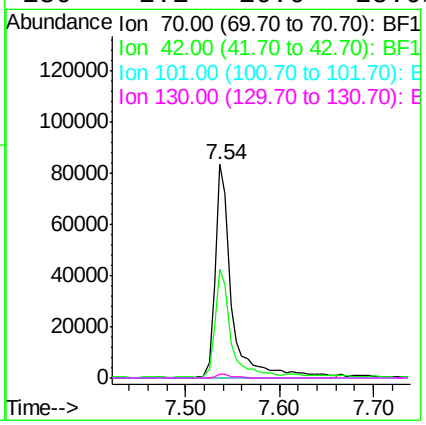


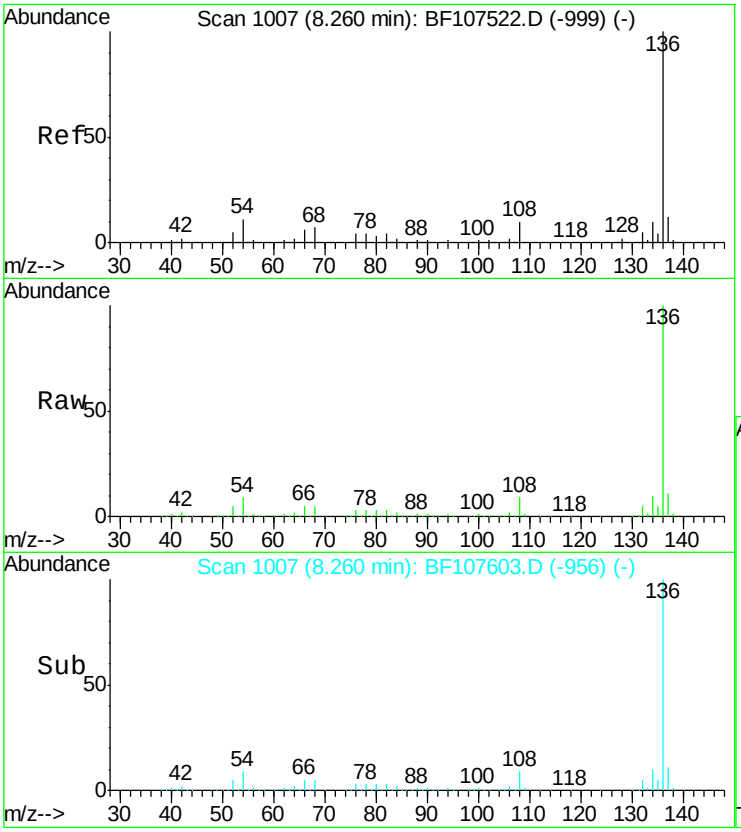


#19
n-Nitroso-di-n-propylamine
Concen: 10.685 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF107603.D
Acq: 23 Jul 2018 22:01

Tgt Ion: 70 Resp: 104469

Ion	Ratio	Lower	Upper
70	100		
42	51.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



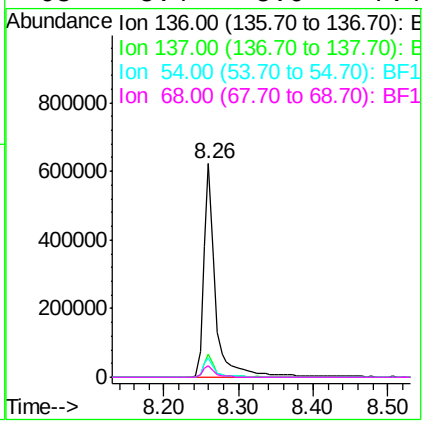


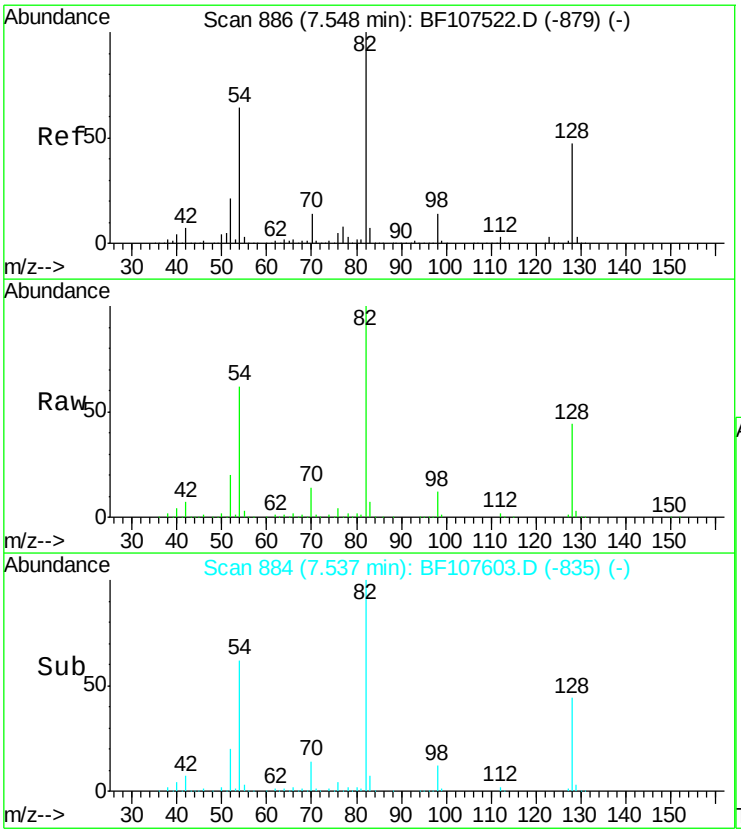
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF107603.D
Acq: 23 Jul 2018 22:01

Instrument :
BNA_F
ClientSampleId :
SB-1-A

Tgt Ion:136 Resp: 683520

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.2	6.6	9.8
68	5.4	5.0	7.4

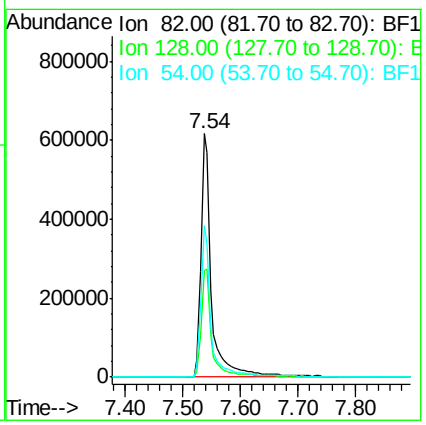


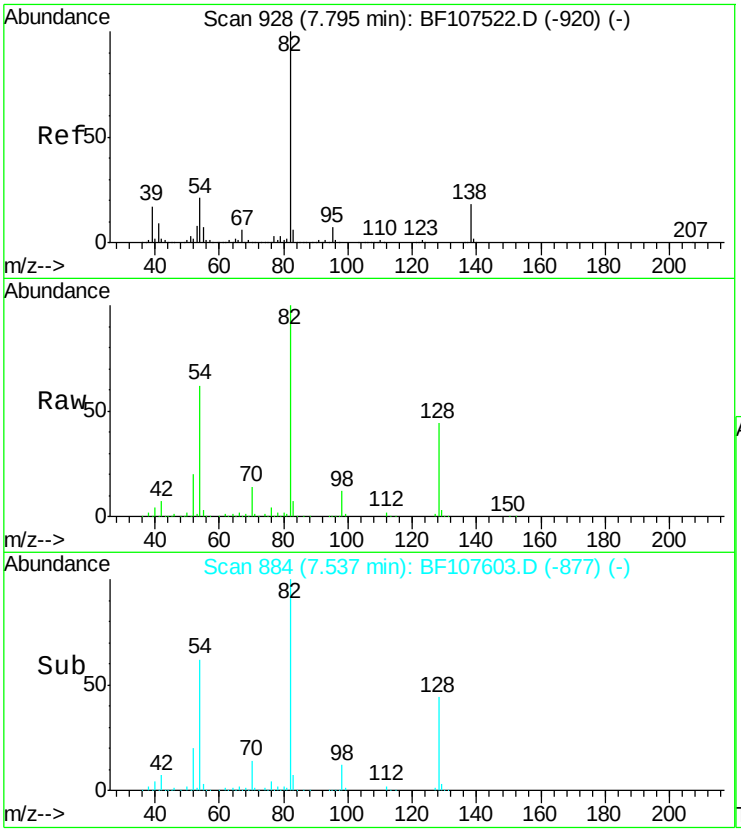


#23
Nitrobenzene-d5
Concen: 79.531 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107603.D
Acq: 23 Jul 2018 22:01

Tgt Ion: 82 Resp: 805500

Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.1	54.1
54	62.3	41.4	62.2#



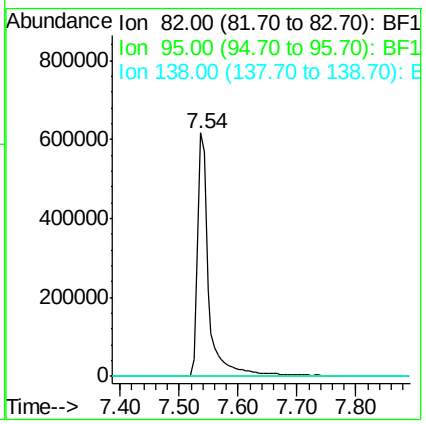


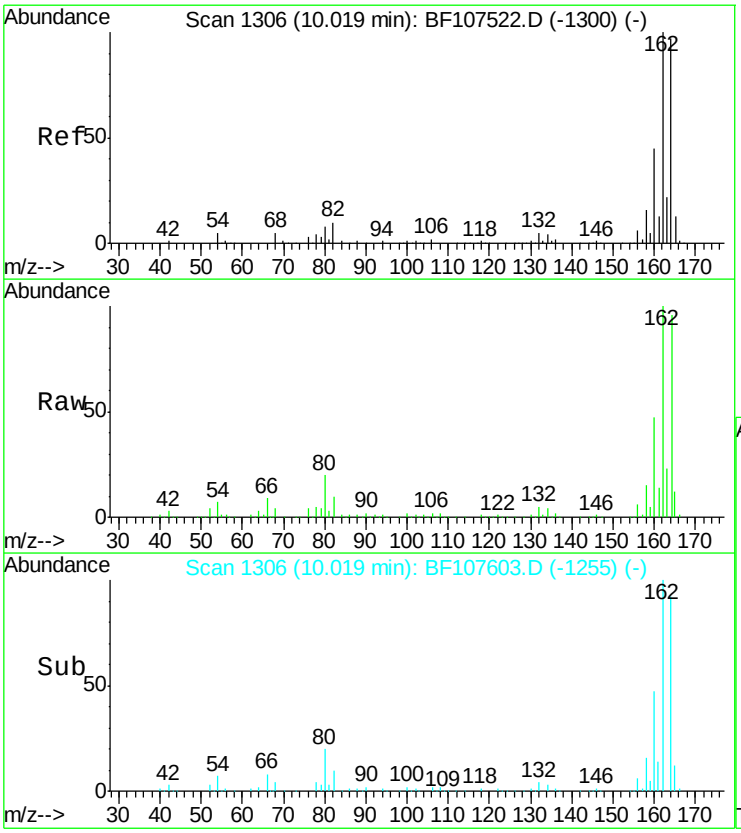
#25
Isophorone
Concen: 37.248 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF107603.D
Acq: 23 Jul 2018 22:01

Instrument :
BNA_F
ClientSampleId :
SB-1-A

Tgt Ion: 82 Resp: 805495

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

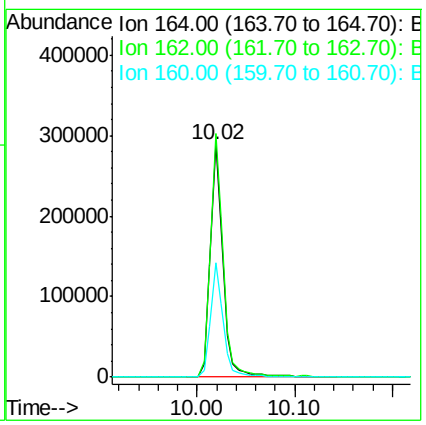


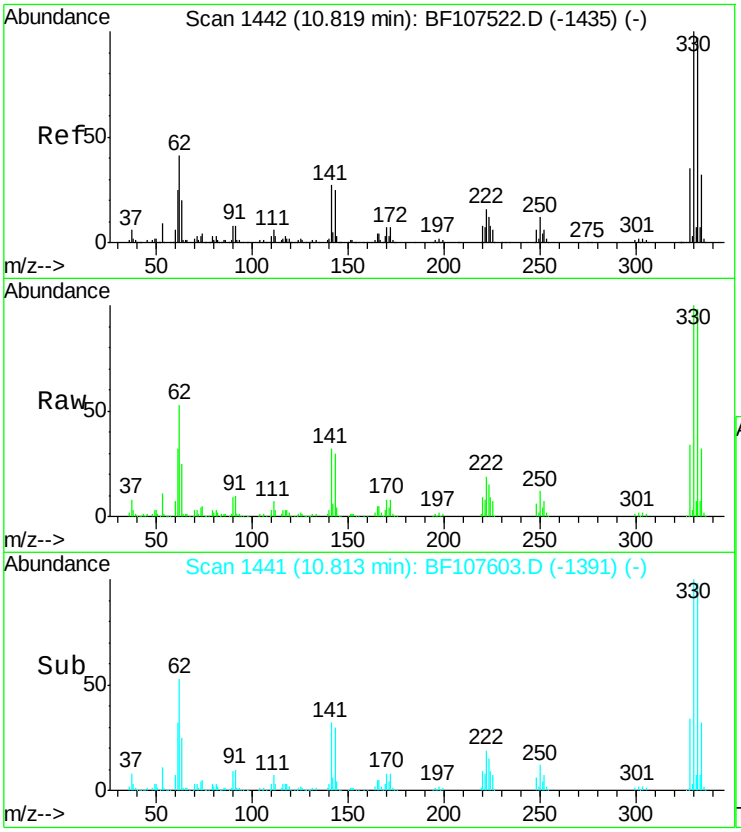


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF107603.D
Acq: 23 Jul 2018 22:01

Tgt Ion:164 Resp: 263028

Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	48.9	38.3	57.5



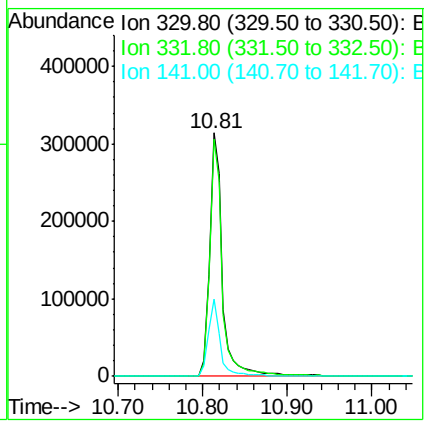


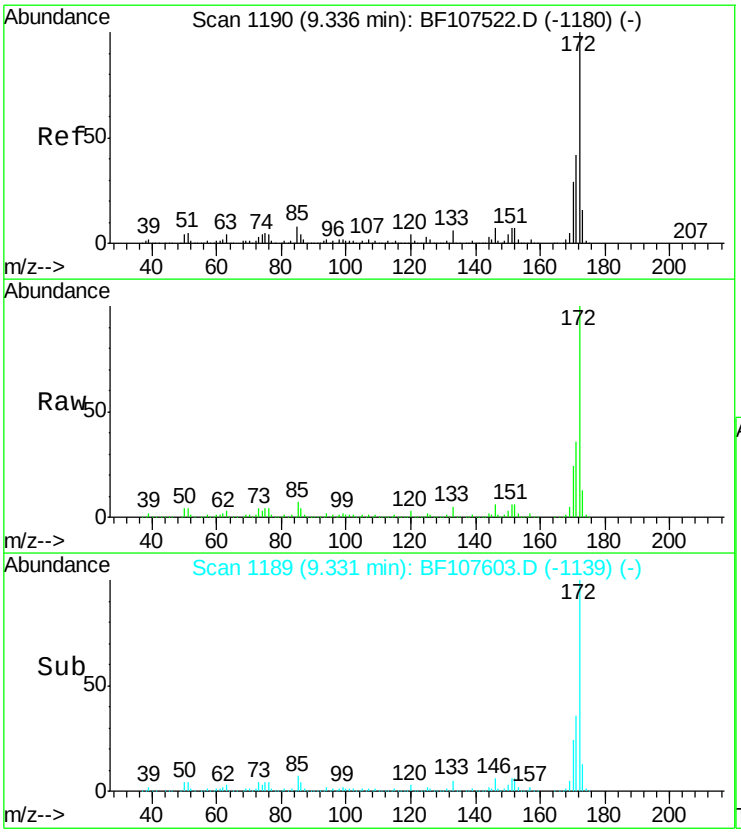
#41
2,4,6-Tribromophenol
Concen: 111.963 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF107603.D
Acq: 23 Jul 2018 22:01

Instrument :
BNA_F
ClientSampleId :
SB-1-A

Tgt Ion:330 Resp: 334887

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	29.8	29.9	44.9#

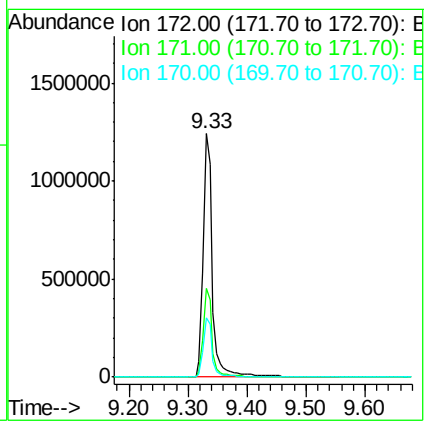


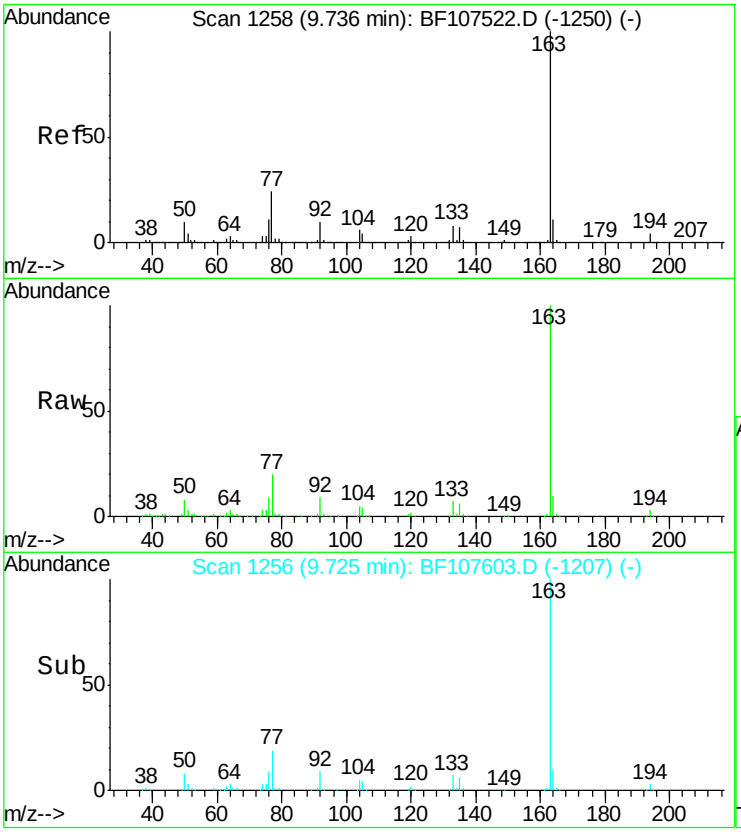


#44
2-Fluorobiphenyl
Concen: 87.619 ng
RT: 9.33 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF107603.D
Acq: 23 Jul 2018 22:01

Tgt Ion:172 Resp: 1334415

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.1	19.6	29.4



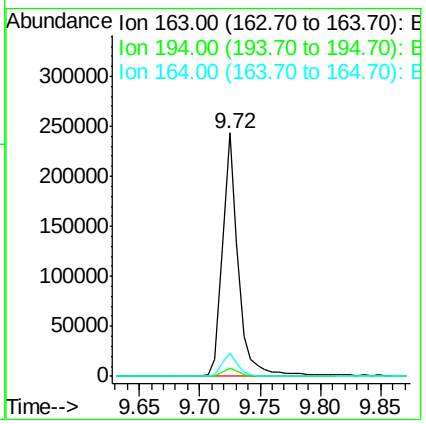


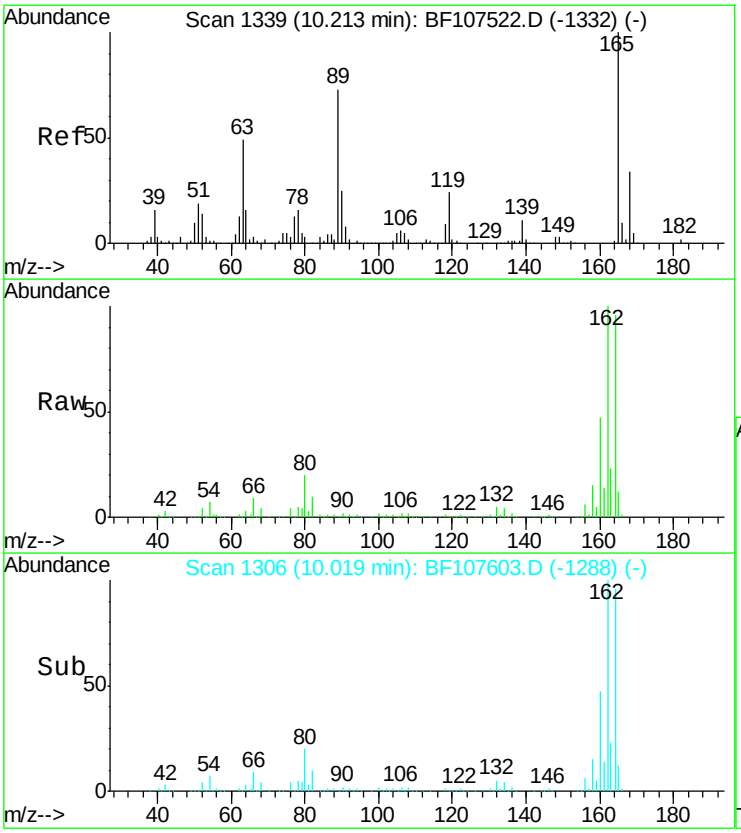
#49
Dimethylphthalate
Concen: 11.086 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF107603.D
Acq: 23 Jul 2018 22:01

Instrument :
BNA_F
ClientSampleId :
SB-1-A

Tgt Ion:163 Resp: 219755

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.8	8.2	12.2

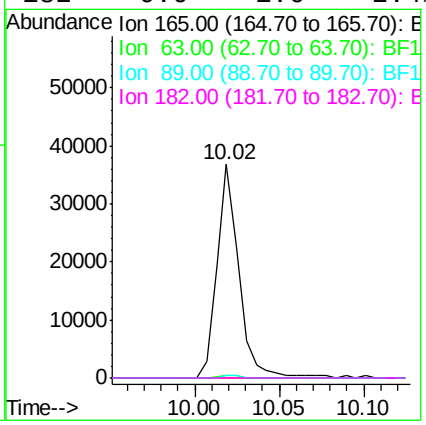


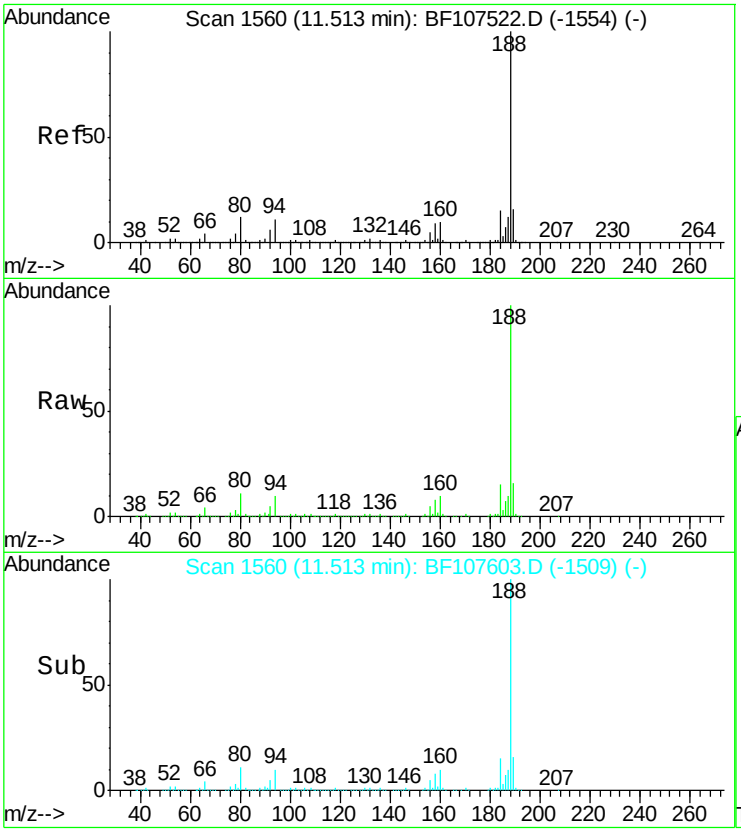


#56
2,4-Dinitrotoluene
Concen: 7.024 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.19 min
Lab File: BF107603.D
Acq: 23 Jul 2018 22:01

Tgt Ion:165 Resp: 33371

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



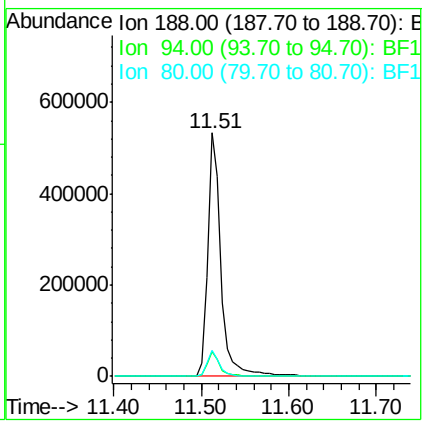


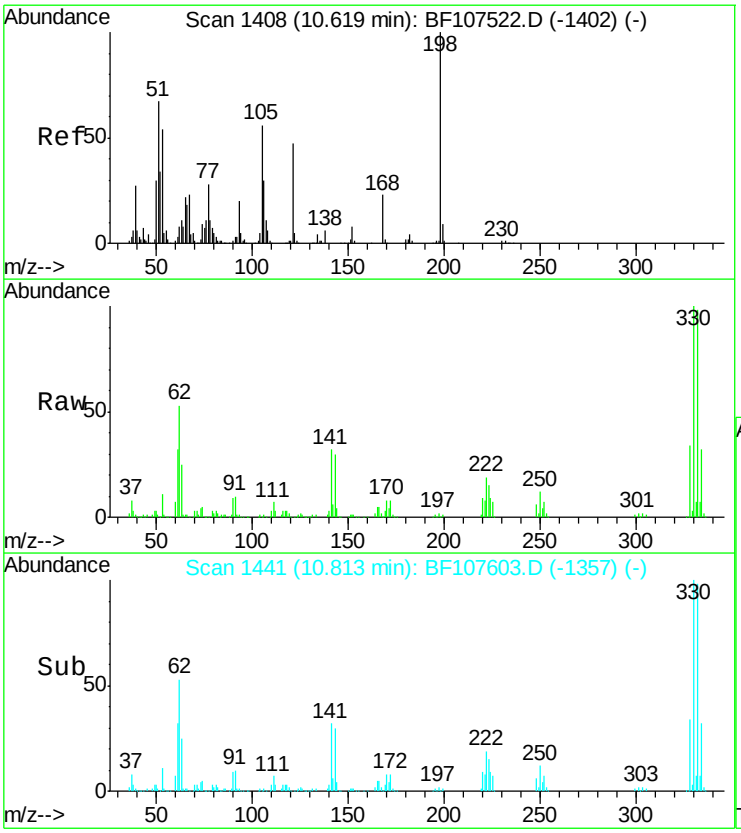
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF107603.D
Acq: 23 Jul 2018 22:01

Instrument :
BNA_F
ClientSampleId :
SB-1-A

Tgt Ion:188 Resp: 557859

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.9	9.2	13.8

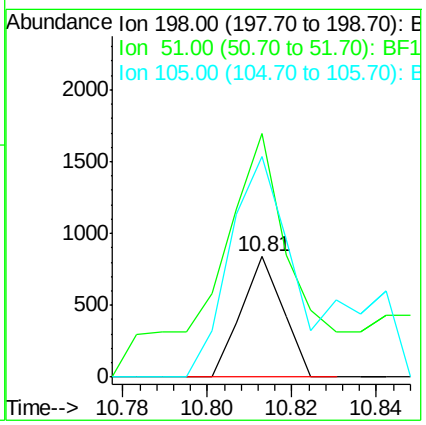


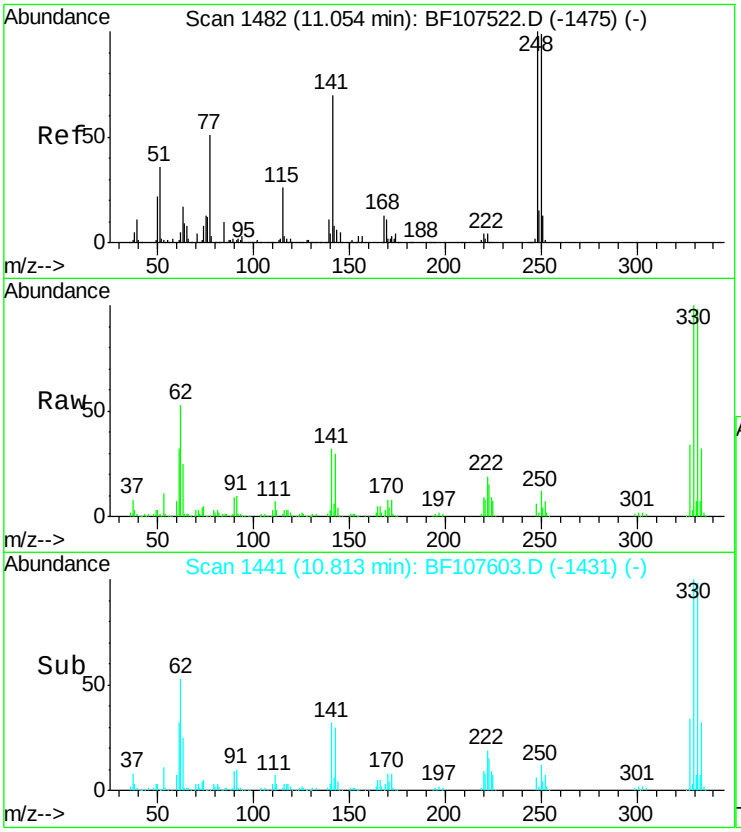


#64
4,6-Dinitro-2-methylphenol
Concen: 8.856 ng
RT: 10.81 min Scan# 1441
Delta R.T. 0.19 min
Lab File: BF107603.D
Acq: 23 Jul 2018 22:01

Tgt Ion:198 Resp: 576

Ion	Ratio	Lower	Upper
198	100		
51	202.5	37.7	77.7#
105	183.5	36.3	76.3#



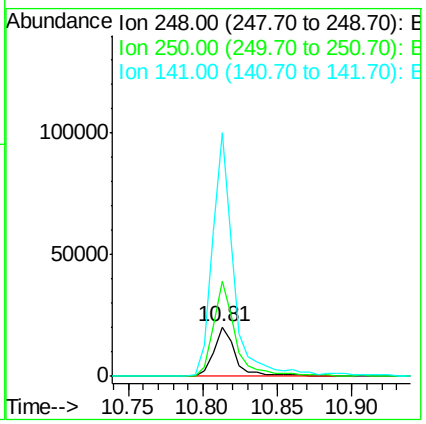


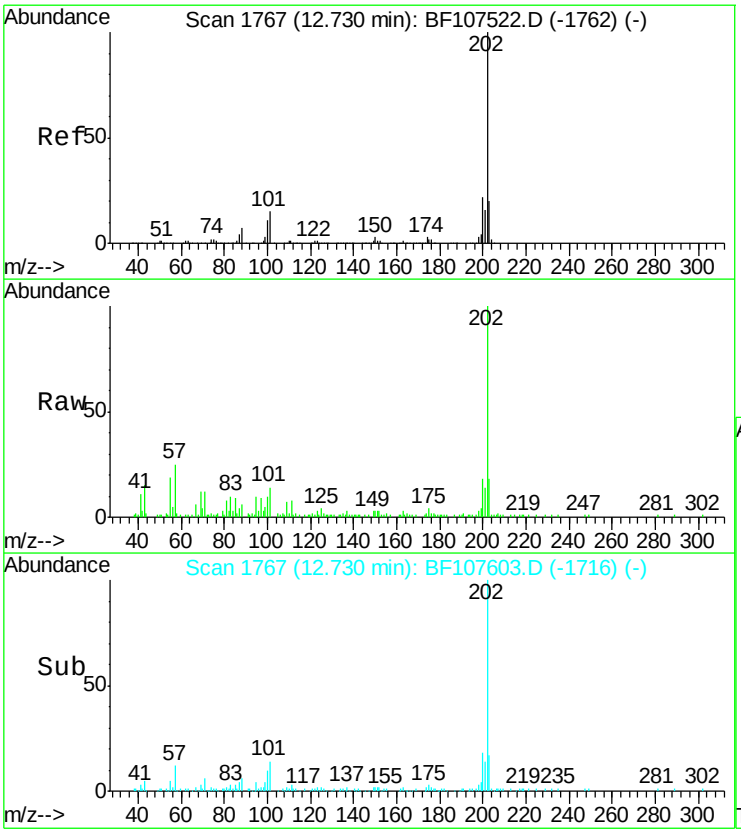
#66
4-Bromophenyl-phenylether
Concen: 3.158 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.24 min
Lab File: BF107603.D
Acq: 23 Jul 2018 22:01

Instrument :
BNA_F
ClientSampleId :
SB-1-A

Tgt Ion:248 Resp: 20737

Ion	Ratio	Lower	Upper
248	100		
250	192.5	76.9	115.3#
141	493.4	74.4	111.6#

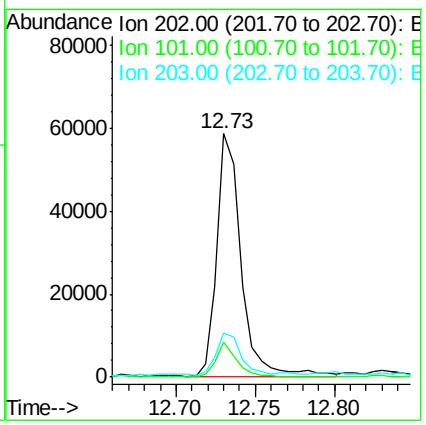


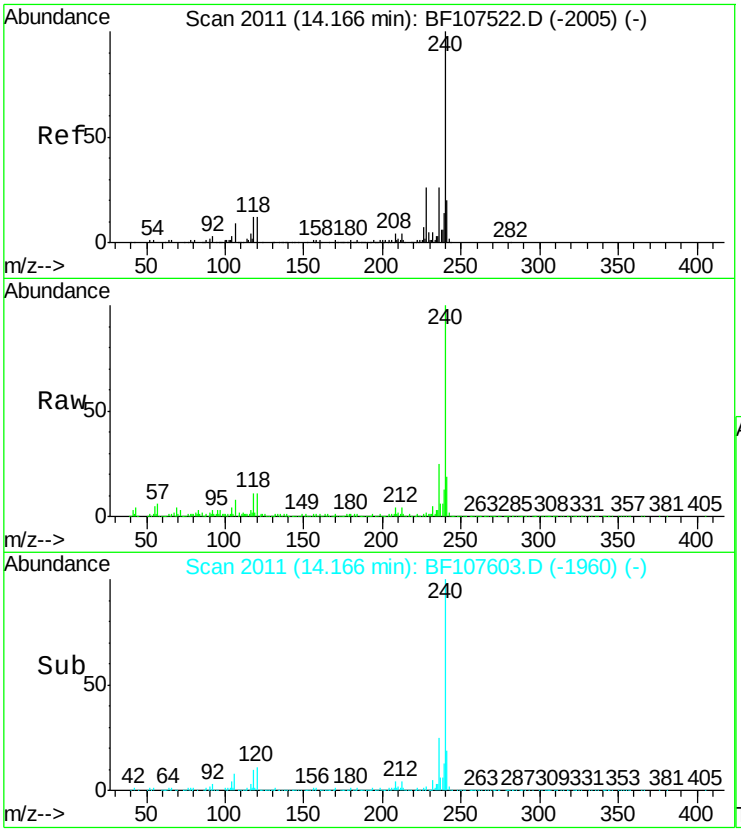


#74
Fluoranthene
Concen: 2.165 ng
RT: 12.73 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BF107603.D
Acq: 23 Jul 2018 22:01

Tgt Ion:202 Resp: 63149

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	34.1
203	17.8	0.0	38.1



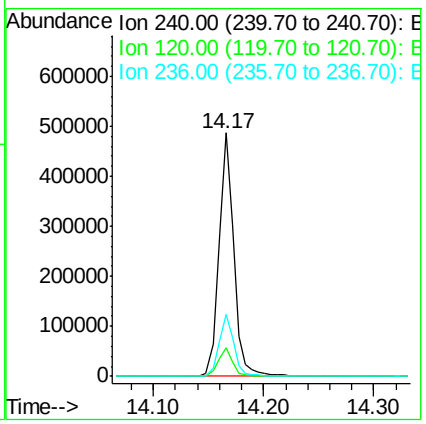


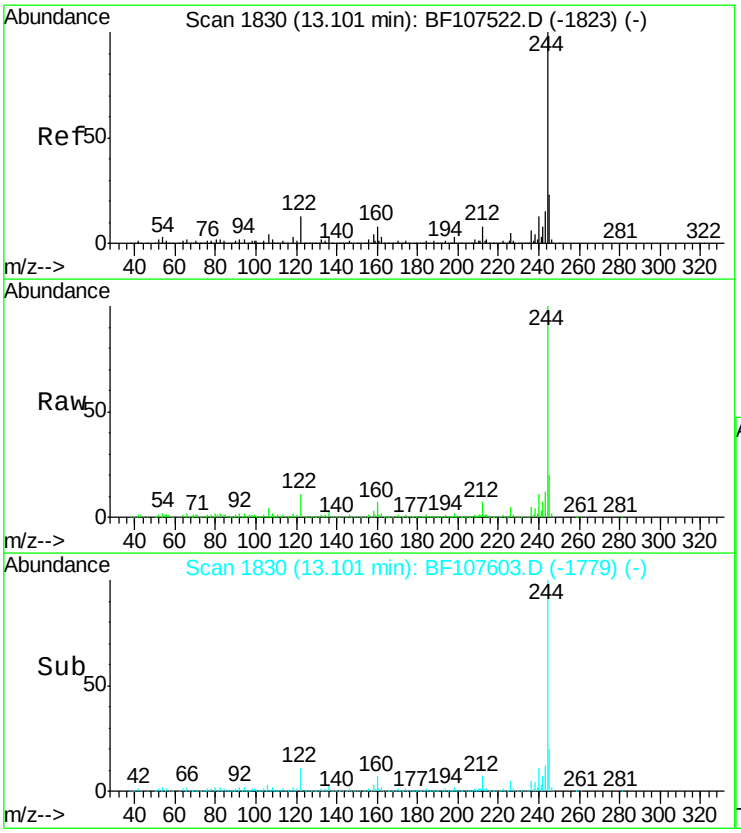
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF107603.D
Acq: 23 Jul 2018 22:01

Instrument :
BNA_F
ClientSampleId :
SB-1-A

Tgt Ion:240 Resp: 454840

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	25.4	20.7	31.1

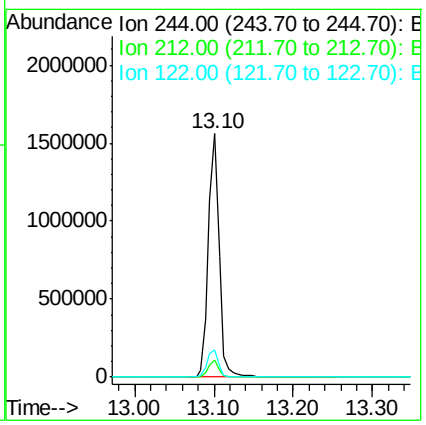


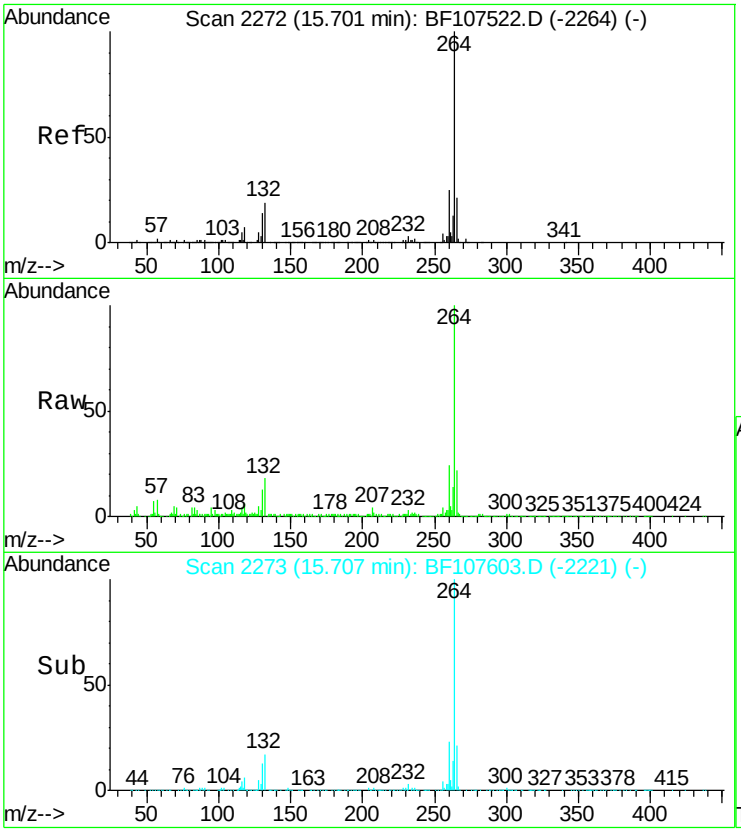


#78
Terphenyl-d14
Concen: 83.054 ng
RT: 13.10 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF107603.D
Acq: 23 Jul 2018 22:01

Tgt Ion:244 Resp: 1475577

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.1	11.0	16.4



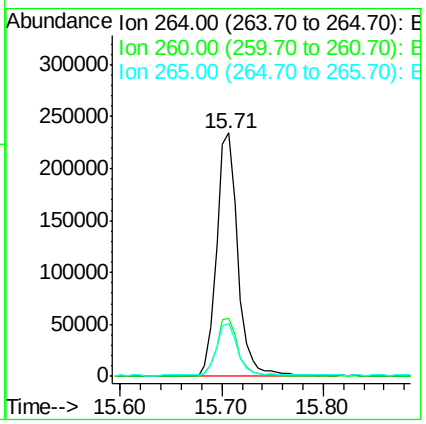


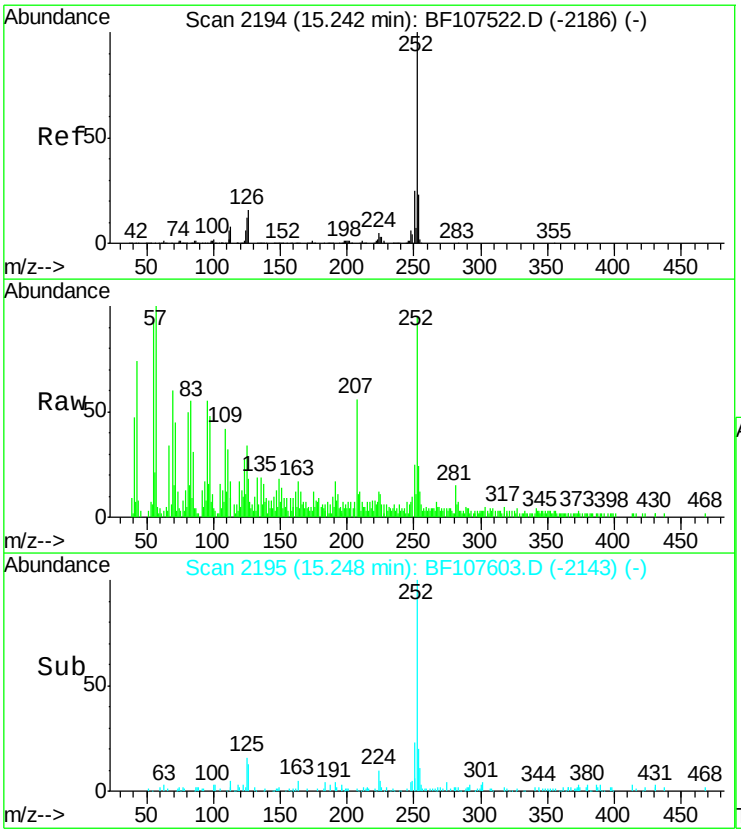
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF107603.D
Acq: 23 Jul 2018 22:01

Instrument :
BNA_F
ClientSampleId :
SB-1-A

Tgt Ion:264 Resp: 339146

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	17.5	26.3

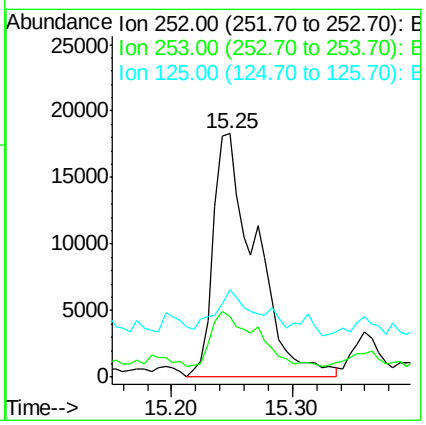


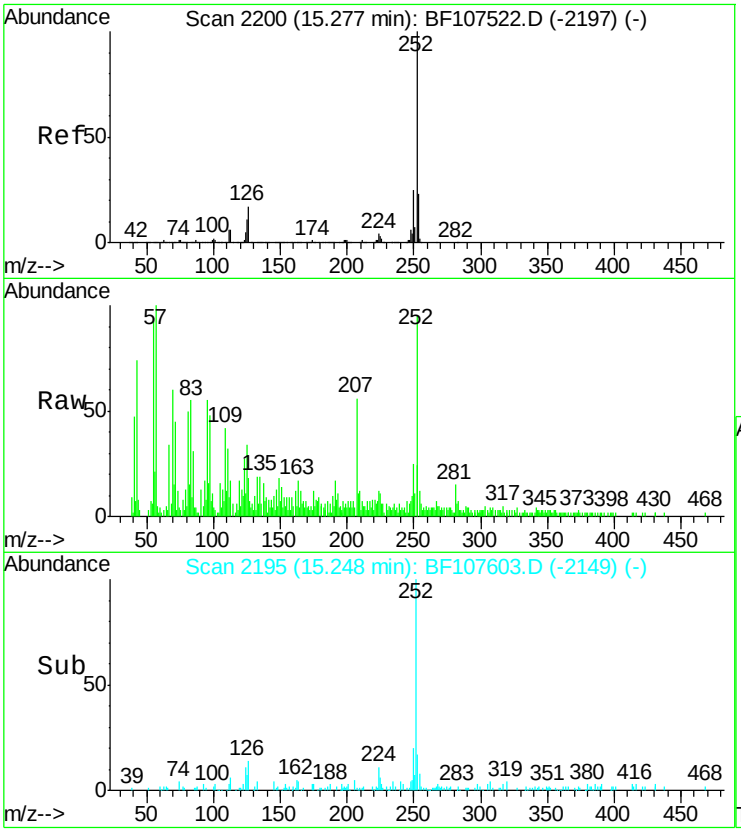


#87
Benzo(b)fluoranthene
Concen: 2.403 ng
RT: 15.25 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF107603.D
Acq: 23 Jul 2018 22:01

Tgt Ion:252 Resp: 44600

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.0	25.6
125	35.7	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.453 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.03 min
Lab File: BF107603.D
Acq: 23 Jul 2018 22:01

Instrument :
BNA_F
ClientSampleId :
SB-1-A

Tgt Ion:252 Resp: 44600

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.9	26.9
125	35.7	10.2	15.2#