Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
Data File : BF107433.D
Acq On : 17 Jul 2018 5:13
Operator : JU/SJ
Sample : J3633-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-1(0-6)

Quant Time: Jul 17 06:09:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 16 17:24:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	317969	20.00	ng	0.16
21) Naphthalene-d8	8.27	136	428331	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	188530	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	401243	20.00	ng	0.00
75) Chrysene-d12	14.17	240	373251	20.00	ng	0.01
86) Perylene-d12	15.71	264	229765	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	705715	33.71	ng	0.02
7) Phenol-d6	6.61	99	901396	33.30	ng	0.01
23) Nitrobenzene-d5	7.55	82	584737	72.80	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	158597	95.74	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	825147	71.22	ng	0.00
78) Terphenyl-d14	13.11	244	924313	61.53	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.55	70	95249	4.915	ng	# 72
25) Isophorone	7.55	82	584724	36.725	ng	# 64
49) Dimethylphthalate	9.73	163	153934	10.276	ng	# 99
53) 2,4-Dinitrophenol	9.90	184	153	2.470	ng	# 1
56) 2,4-Dinitrotoluene	10.02	165	26177	7.026	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.66	198	107	7.531	ng	# 24
66) 4-Bromophenyl-phenylether	10.82	248	18345	3.996	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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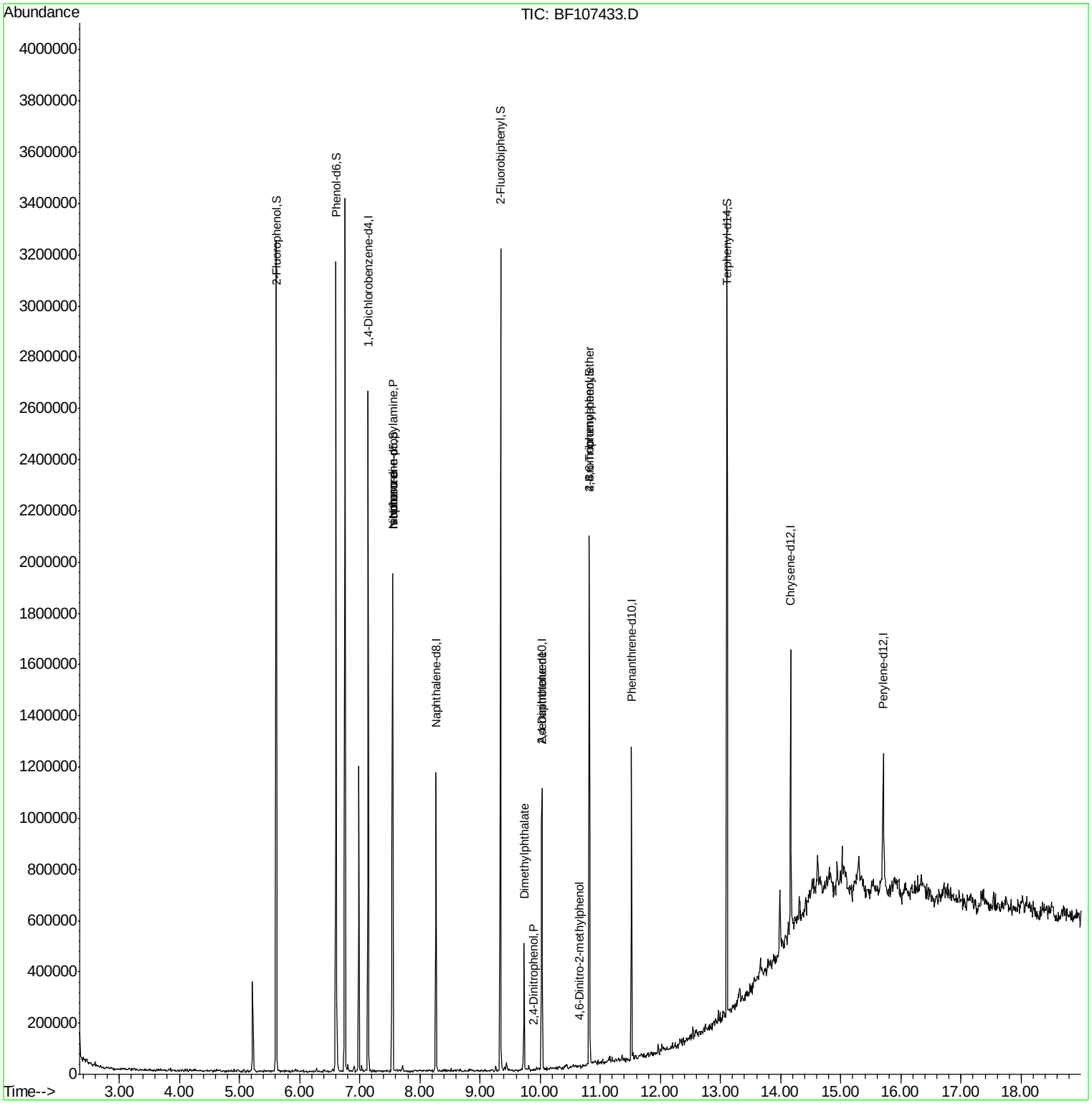
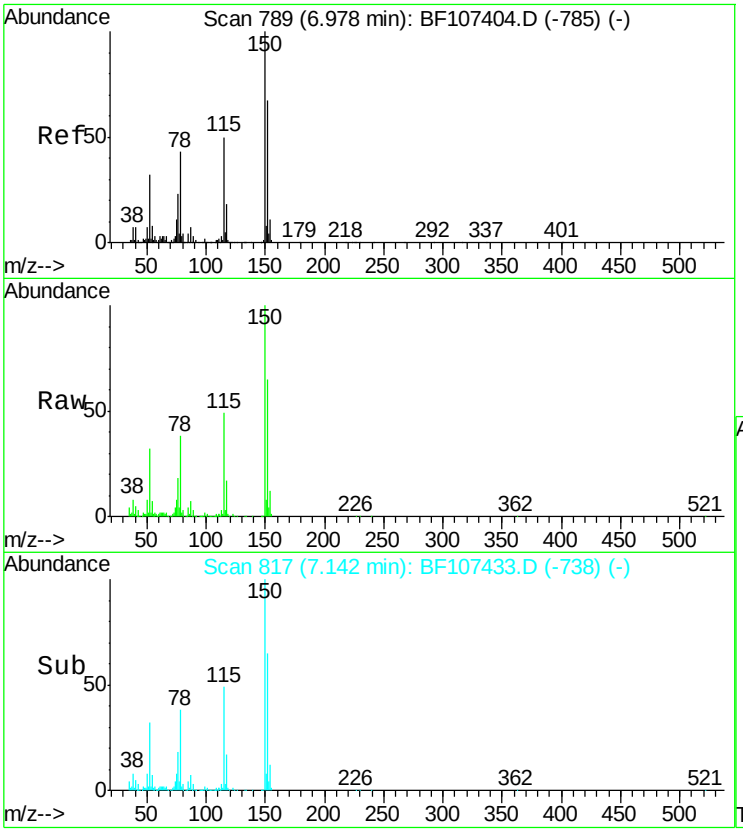


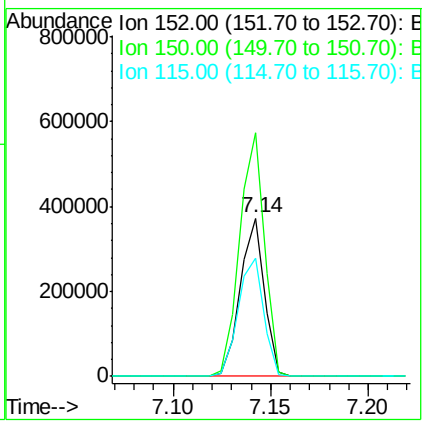


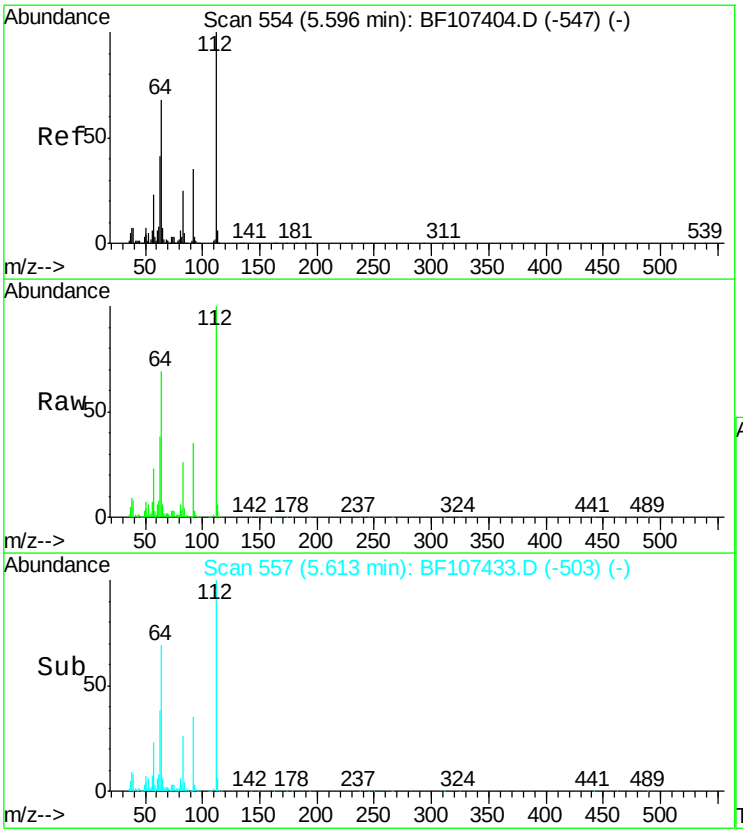
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.14 min Scan# 817
Delta R.T. 0.16 min
Lab File: BF107433.D
Acq: 17 Jul 2018 5:13

Instrument :
BNA_F
ClientSampleId :
A-1(0-6)

Tgt Ion:152 Resp: 317969

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	74.8	50.1	75.1

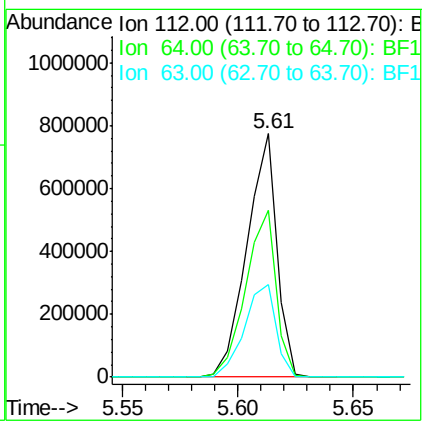


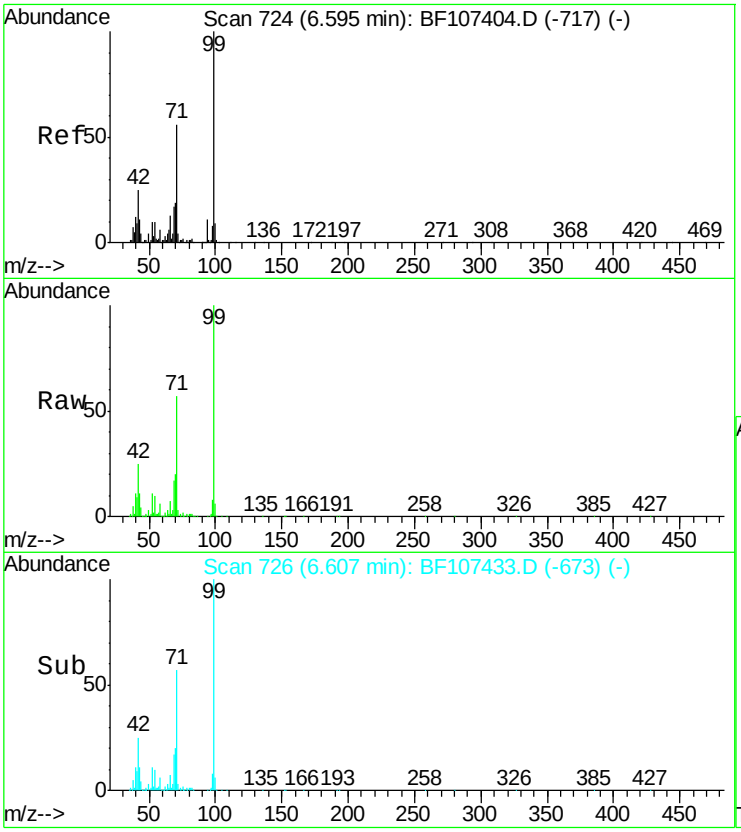


#5
2-Fluorophenol
Concen: 33.708 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF107433.D
Acq: 17 Jul 2018 5:13

Tgt Ion:112 Resp: 705715

Ion	Ratio	Lower	Upper
112	100		
64	68.8	47.9	71.9
63	38.2	23.7	35.5#



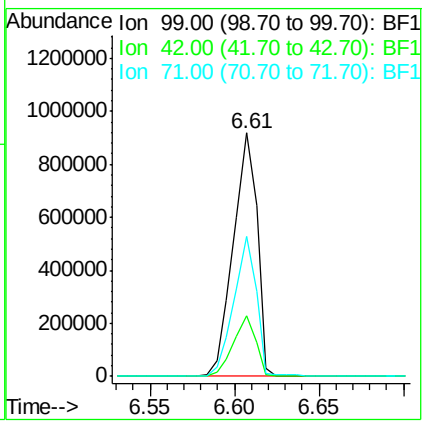


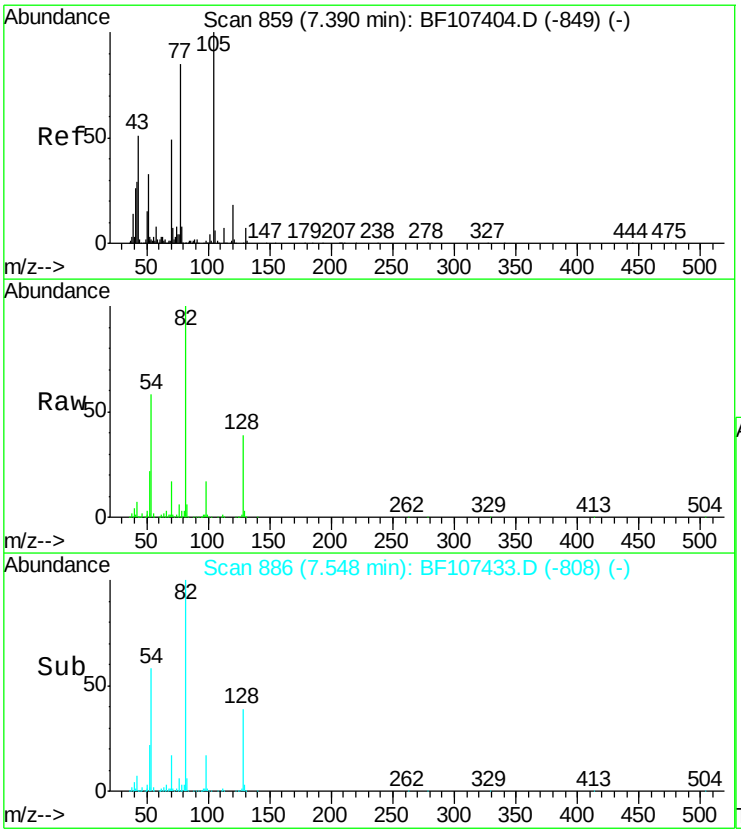
#7
Phenol-d6
Concen: 33.301 ng
RT: 6.61 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF107433.D
Acq: 17 Jul 2018 5:13

Instrument :
BNA_F
ClientSampleId :
A-1(0-6)

Tgt Ion: 99 Resp: 901396

Ion	Ratio	Lower	Upper
99	100		
42	24.8	14.5	21.7#
71	57.5	25.4	38.0#

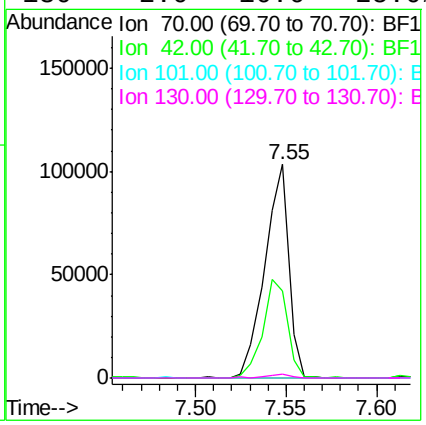


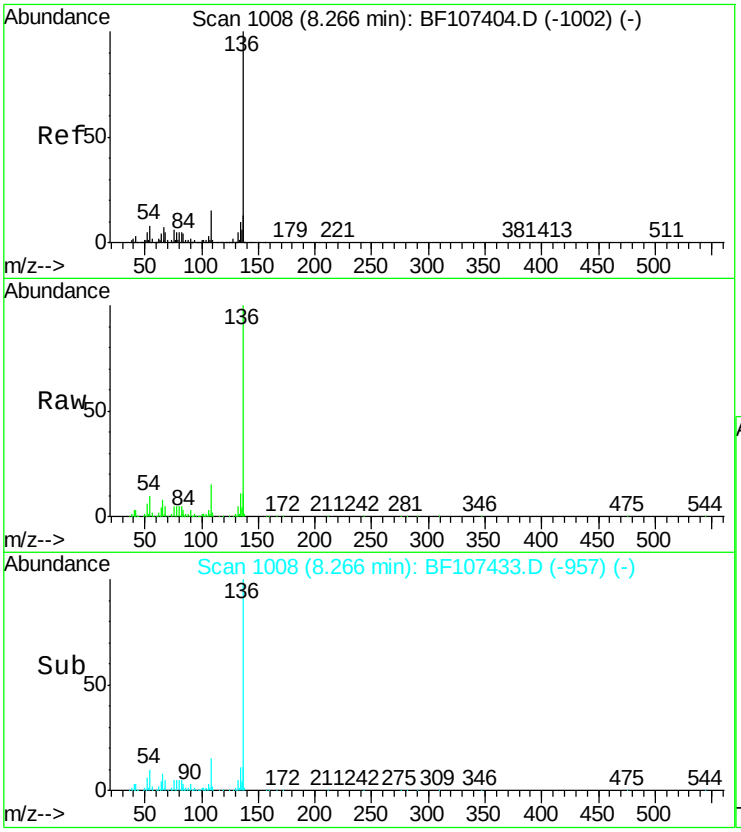


#19
n-Nitroso-di-n-propylamine
Concen: 4.915 ng
RT: 7.55 min Scan# 886
Delta R.T. 0.16 min
Lab File: BF107433.D
Acq: 17 Jul 2018 5:13

Tgt Ion: 70 Resp: 95249

Ion	Ratio	Lower	Upper
70	100		
42	40.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



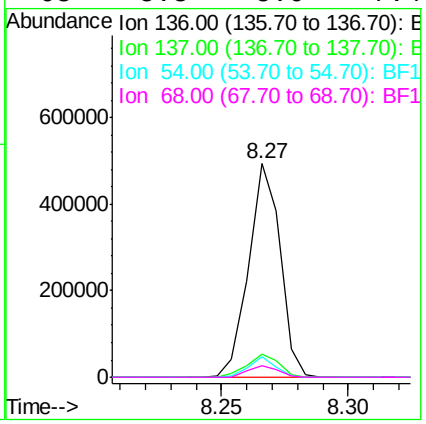


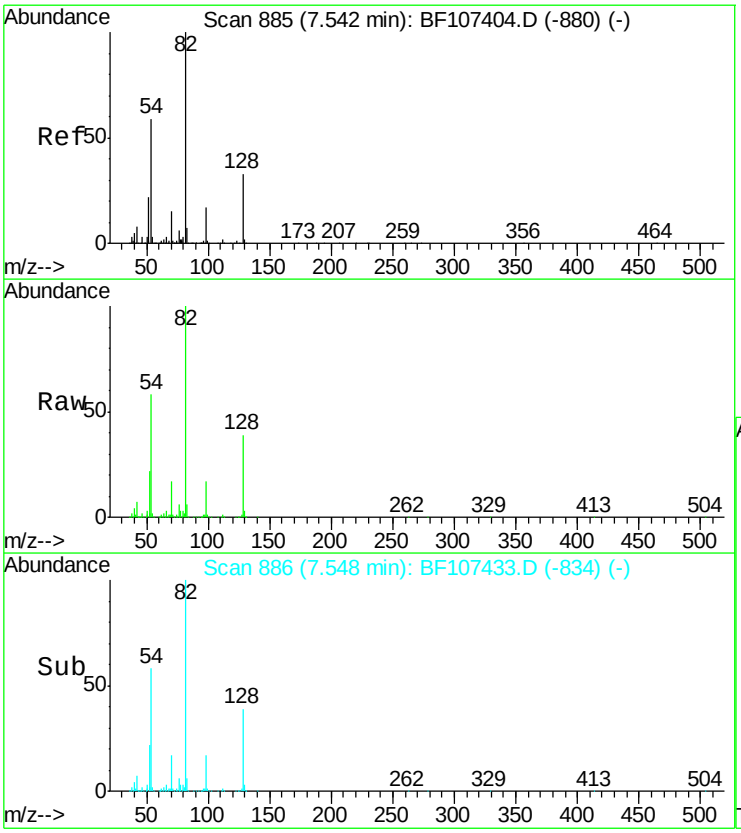
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF107433.D
Acq: 17 Jul 2018 5:13

Instrument :
BNA_F
ClientSampleId :
A-1(0-6)

Tgt Ion:136 Resp: 428331

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.7	6.6	9.8
68	5.3	5.0	7.4

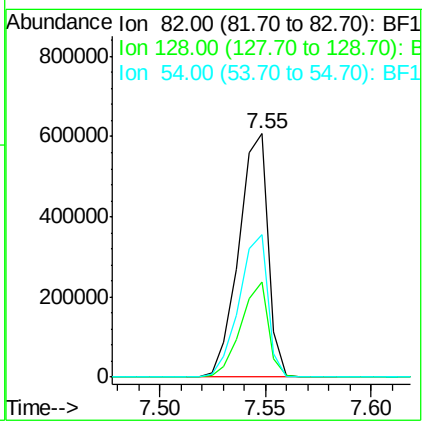


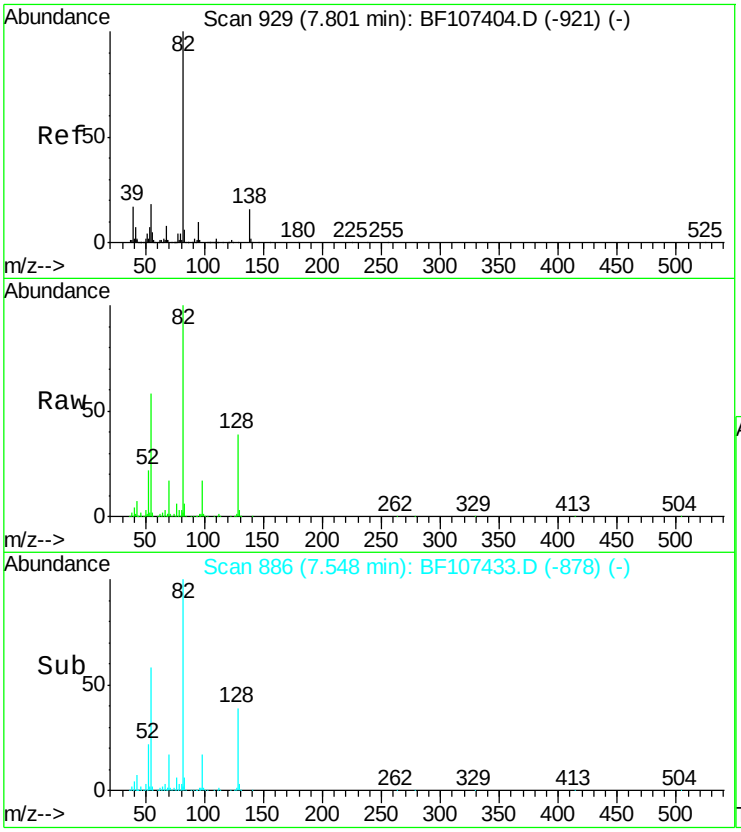


#23
Nitrobenzene-d5
Concen: 72.796 ng
RT: 7.55 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF107433.D
Acq: 17 Jul 2018 5:13

Tgt Ion: 82 Resp: 584737

Ion	Ratio	Lower	Upper
82	100		
128	38.9	36.1	54.1
54	58.4	41.4	62.2



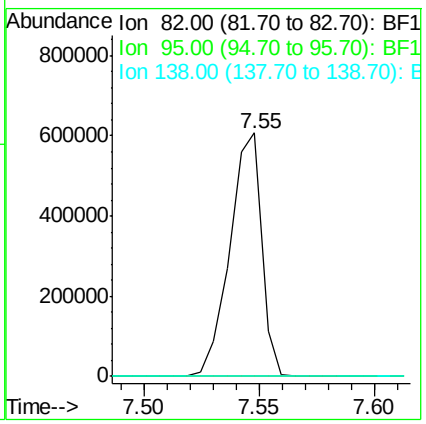


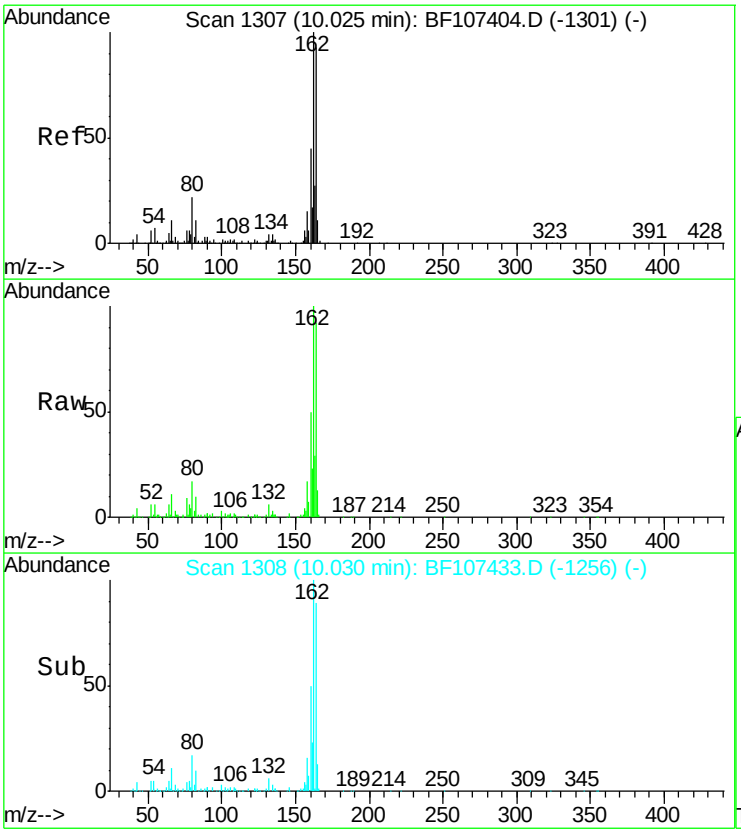
#25
Isophorone
Concen: 36.725 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.25 min
Lab File: BF107433.D
Acq: 17 Jul 2018 5:13

Instrument :
BNA_F
ClientSampleId :
A-1(0-6)

Tgt Ion: 82 Resp: 584724

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#

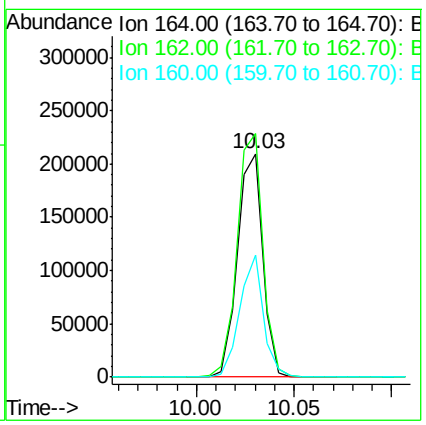


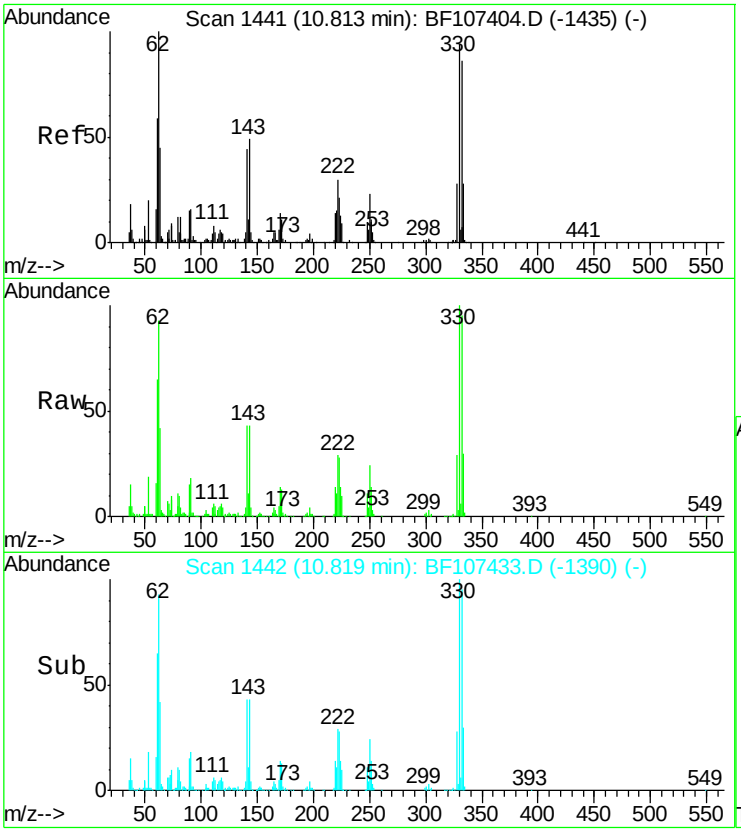


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF107433.D
Acq: 17 Jul 2018 5:13

Tgt Ion:164 Resp: 188530

Ion	Ratio	Lower	Upper
164	100		
162	108.9	86.1	129.1
160	54.6	38.3	57.5



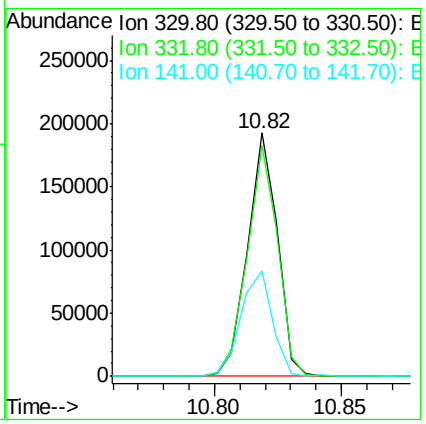


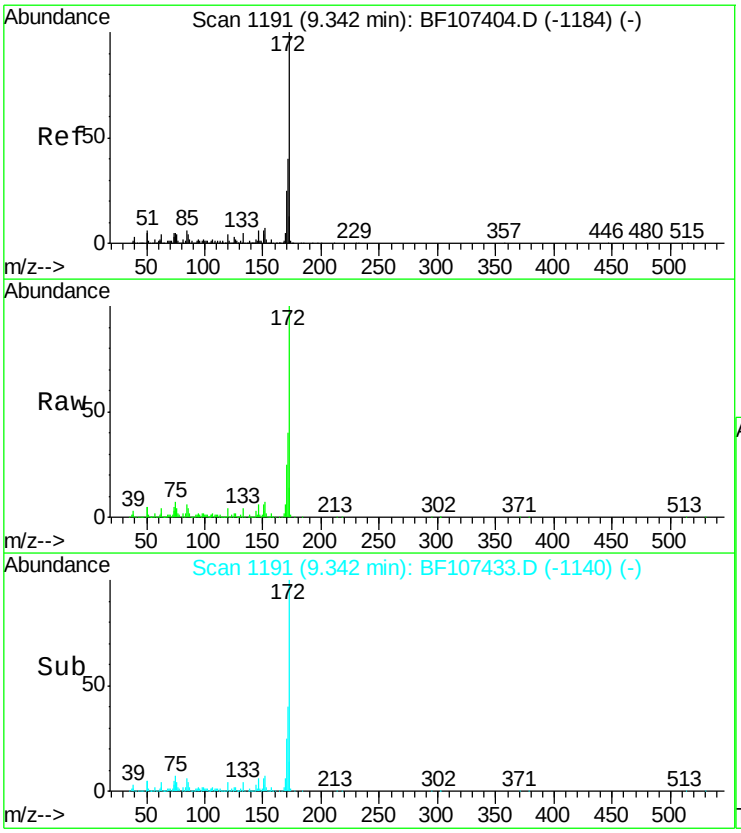
#41
2,4,6-Tribromophenol
Concen: 95.745 ng
RT: 10.82 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF107433.D
Acq: 17 Jul 2018 5:13

Instrument :
BNA_F
ClientSampleId :
A-1(0-6)

Tgt Ion:330 Resp: 158597

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	46.4	29.9	44.9#

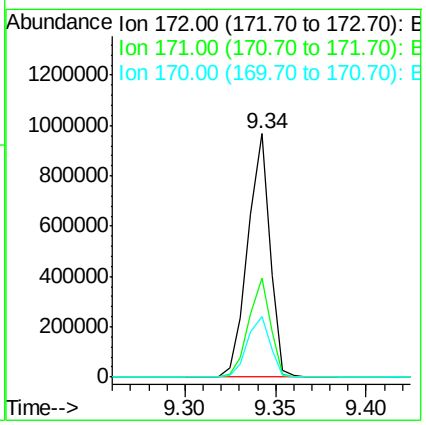


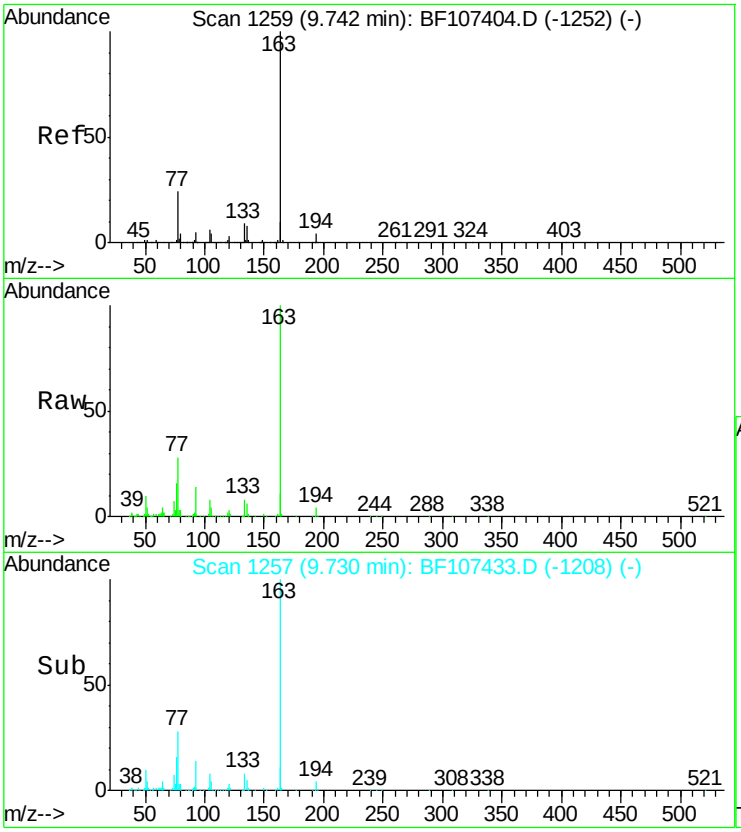


#44
2-Fluorobiphenyl
Concen: 71.218 ng
RT: 9.34 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF107433.D
Acq: 17 Jul 2018 5:13

Tgt Ion:172 Resp: 825147

Ion	Ratio	Lower	Upper
172	100		
171	40.4	29.7	44.5
170	25.0	19.6	29.4



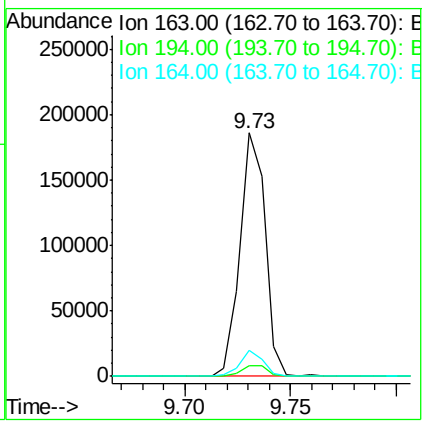


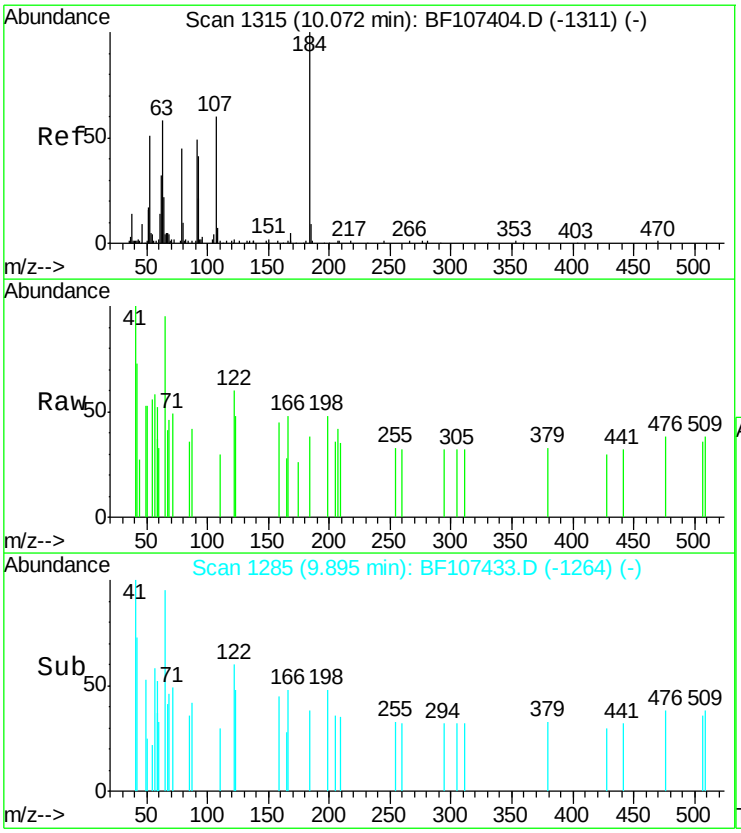
#49
Dimethylphthalate
Concen: 10.276 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF107433.D
Acq: 17 Jul 2018 5:13

Instrument :
BNA_F
ClientSampleId :
A-1(0-6)

Tgt Ion:163 Resp: 153934

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.5	8.2	12.2

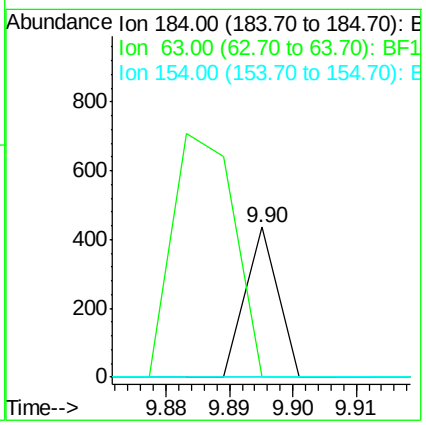


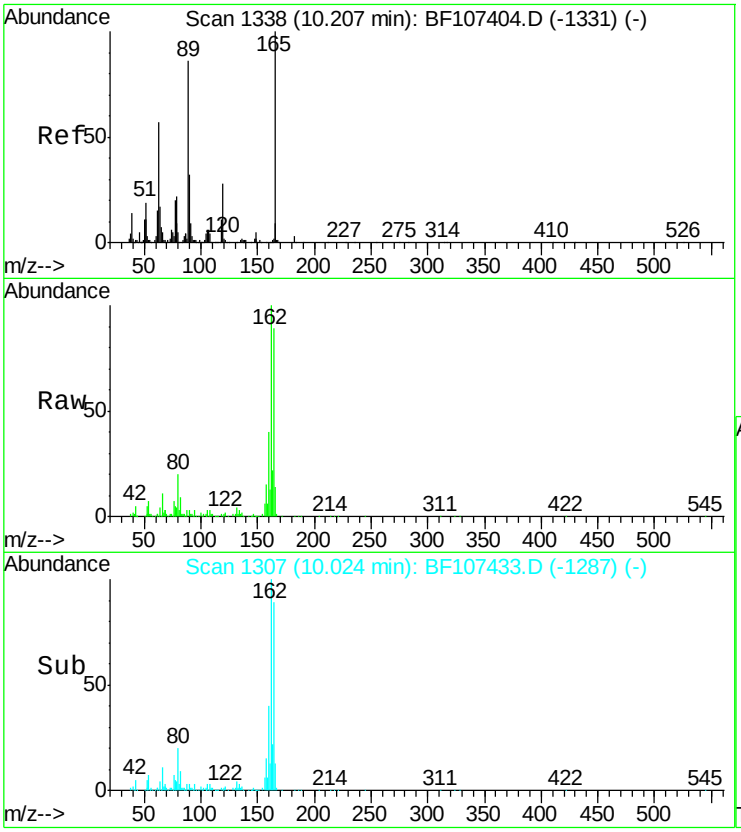


#53
2,4-Dinitrophenol
Concen: 2.470 ng
RT: 9.90 min Scan# 1285
Delta R.T. -0.18 min
Lab File: BF107433.D
Acq: 17 Jul 2018 5:13

Tgt Ion:184 Resp: 153

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	0.0	184.0	276.0#



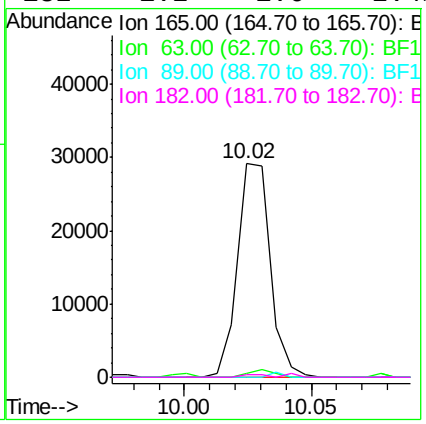


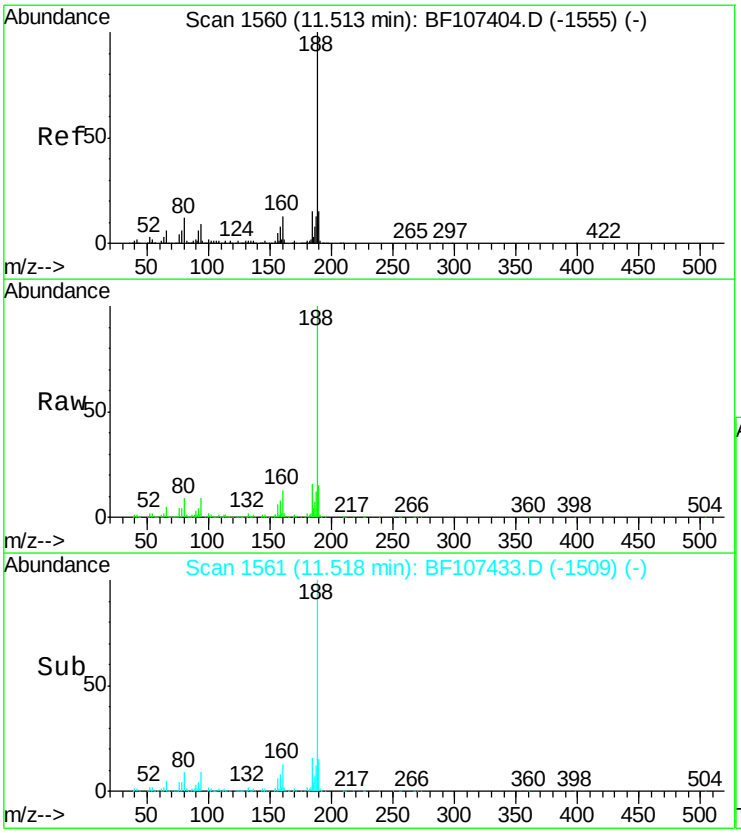
#56
2,4-Dinitrotoluene
Concen: 7.026 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.18 min
Lab File: BF107433.D
Acq: 17 Jul 2018 5:13

Instrument :
BNA_F
ClientSampleId :
A-1(0-6)

Tgt Ion:165 Resp: 26177

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

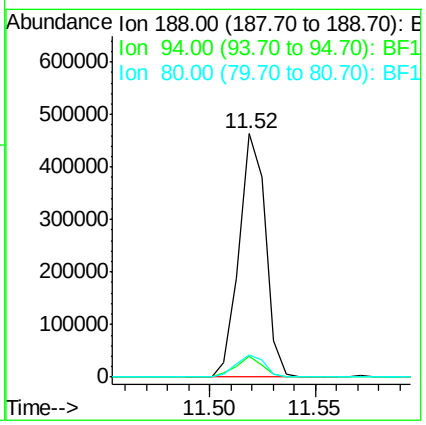


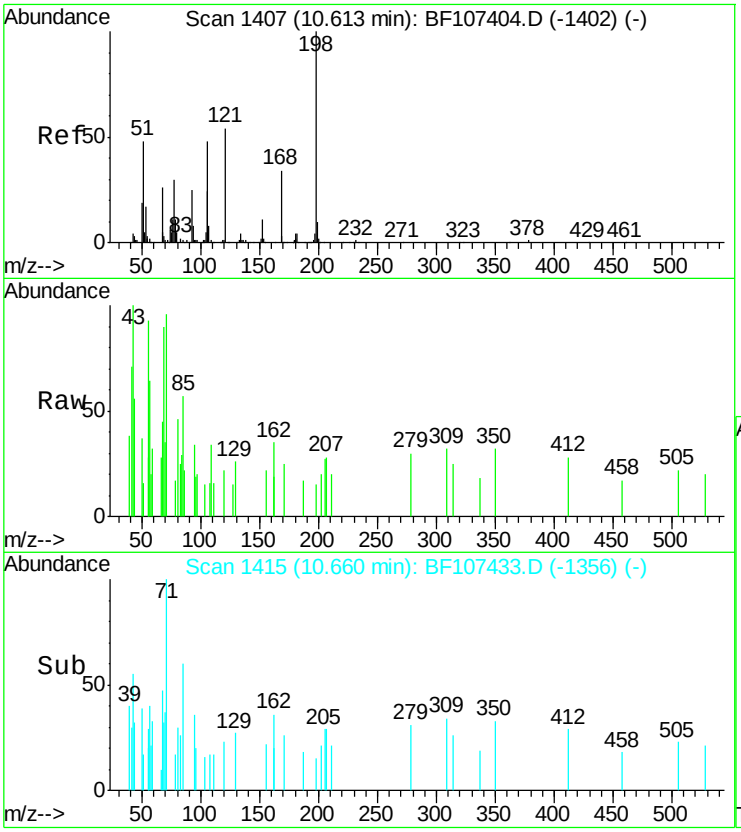


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF107433.D
Acq: 17 Jul 2018 5:13

Tgt Ion:188 Resp: 401243

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.2	9.2	13.8#



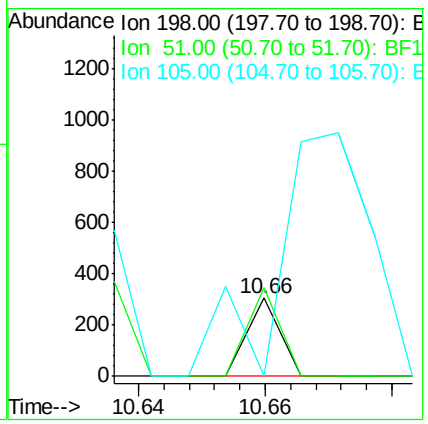


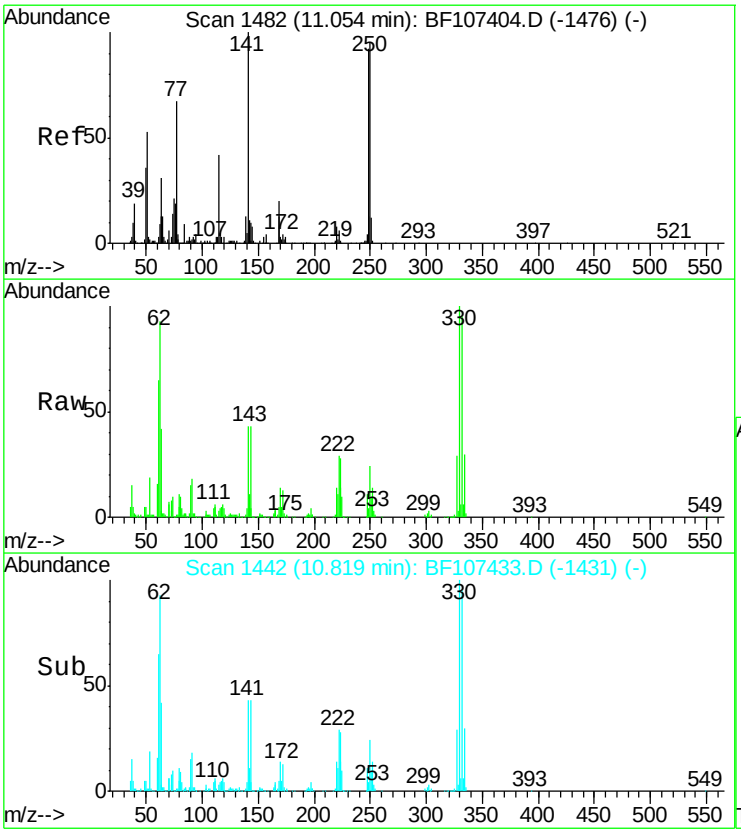
#64
4,6-Dinitro-2-methylphenol
Concen: 7.531 ng
RT: 10.66 min Scan# 1415
Delta R.T. 0.05 min
Lab File: BF107433.D
Acq: 17 Jul 2018 5:13

Instrument :
BNA_F
ClientSampleId :
A-1(0-6)

Tgt Ion:198 Resp: 107

Ion	Ratio	Lower	Upper
198	100		
51	113.5	37.7	77.7#
105	0.0	36.3	76.3#

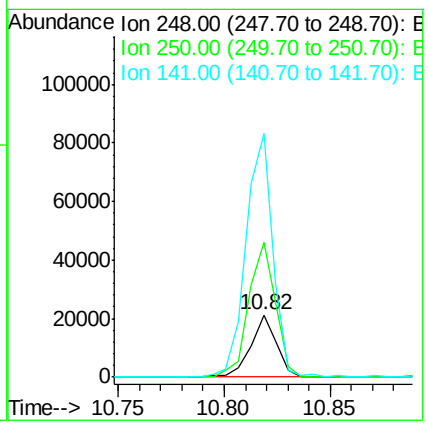


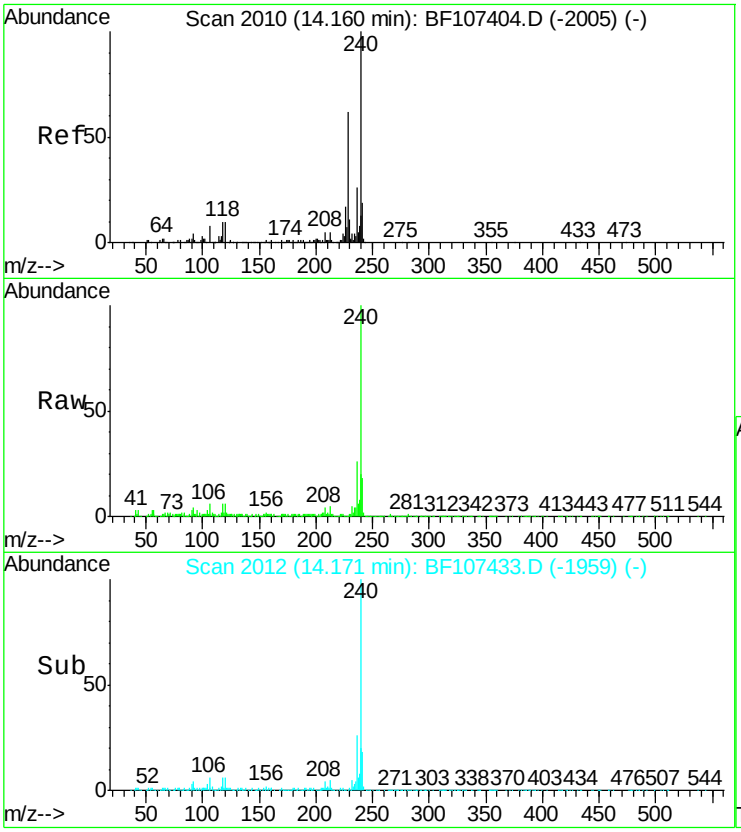


#66
4-Bromophenyl-phenylether
Concen: 3.996 ng
RT: 10.82 min Scan# 1442
Delta R.T. -0.24 min
Lab File: BF107433.D
Acq: 17 Jul 2018 5:13

Tgt Ion:248 Resp: 18345

Ion	Ratio	Lower	Upper
248	100		
250	216.6	76.9	115.3#
141	391.3	74.4	111.6#



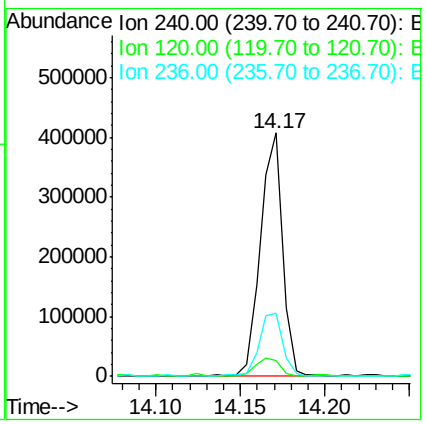


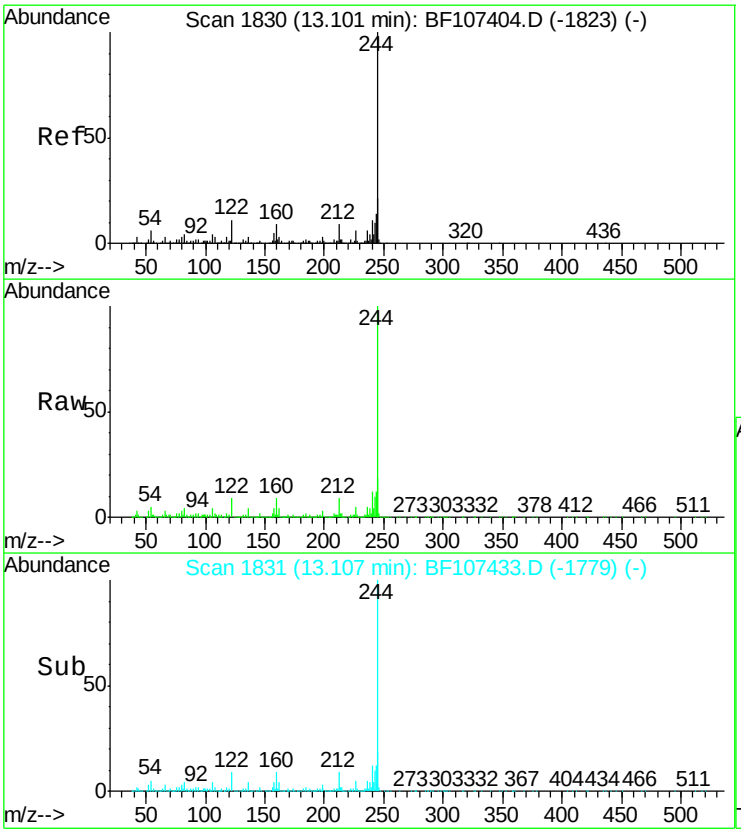
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF107433.D
Acq: 17 Jul 2018 5:13

Instrument :
BNA_F
ClientSampleId :
A-1(0-6)

Tgt Ion:240 Resp: 373251

Ion	Ratio	Lower	Upper
240	100		
120	6.5	9.5	14.3#
236	25.8	20.7	31.1

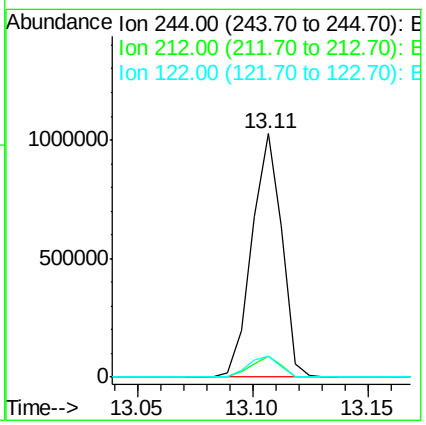


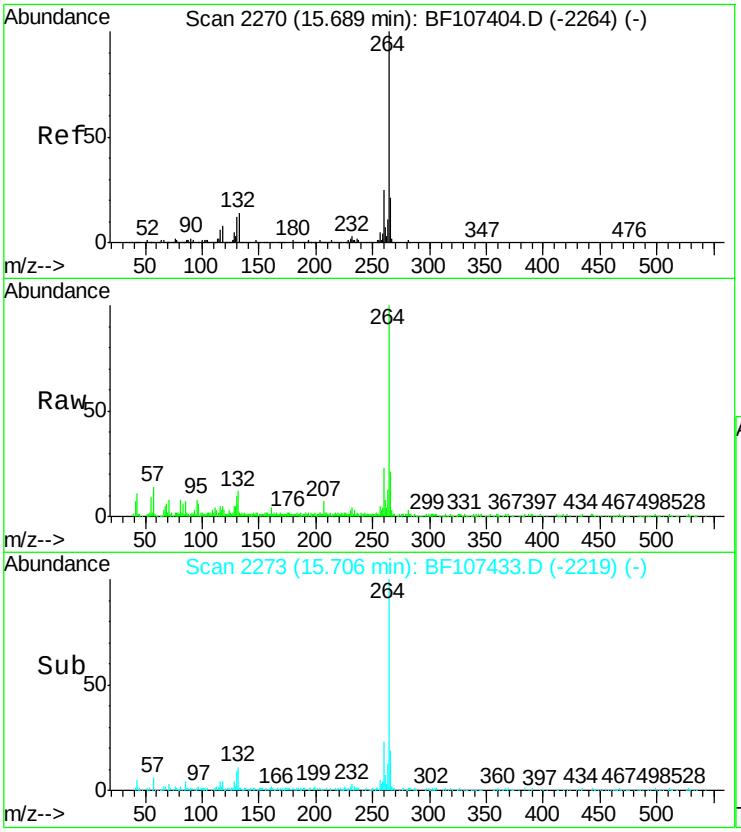


#78
Terphenyl-d14
Concen: 61.528 ng
RT: 13.11 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF107433.D
Acq: 17 Jul 2018 5:13

Tgt Ion:244 Resp: 924313

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.4	8.0#
122	8.7	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.02 min
Lab File: BF107433.D
Acq: 17 Jul 2018 5:13

Instrument :
BNA_F
ClientSampleId :
A-1(0-6)

Tgt Ion:264 Resp: 229765

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.3	17.5	26.3