Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
Data File : BF107427.D
Acq On : 17 Jul 2018 2:32
Operator : JU/SJ
Sample : J3975-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAR-7

Quant Time: Jul 17 04:06:37 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	6.98	152	102019	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	338876	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	167299	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	339949	20.00	ng	0.00
75) Chrysene-d12	14.17	240	358414	20.00	ng	0.00
86) Perylene-d12	15.69	264	232169	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	441745	65.76	ng	0.00
7) Phenol-d6	6.60	99	531947	61.25	ng	0.00
23) Nitrobenzene-d5	7.54	82	338321	53.24	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	101610	69.13	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	438596	37.68	ng	0.00
78) Terphenyl-d14	13.10	244	491874	34.10	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.54	70	54703	8.797	ng	# 76
25) Isophorone	7.54	82	338313	26.858	ng	# 64
49) Dimethylphthalate	9.73	163	119288	8.974	ng	# 99
53) 2,4-Dinitrophenol	10.05	184	109	2.426	ng	# 1
56) 2,4-Dinitrotoluene	10.02	165	20260	6.128	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.64	198	131	7.550	ng	# 23
66) 4-Bromophenyl-phenylether	10.81	248	12115	3.115	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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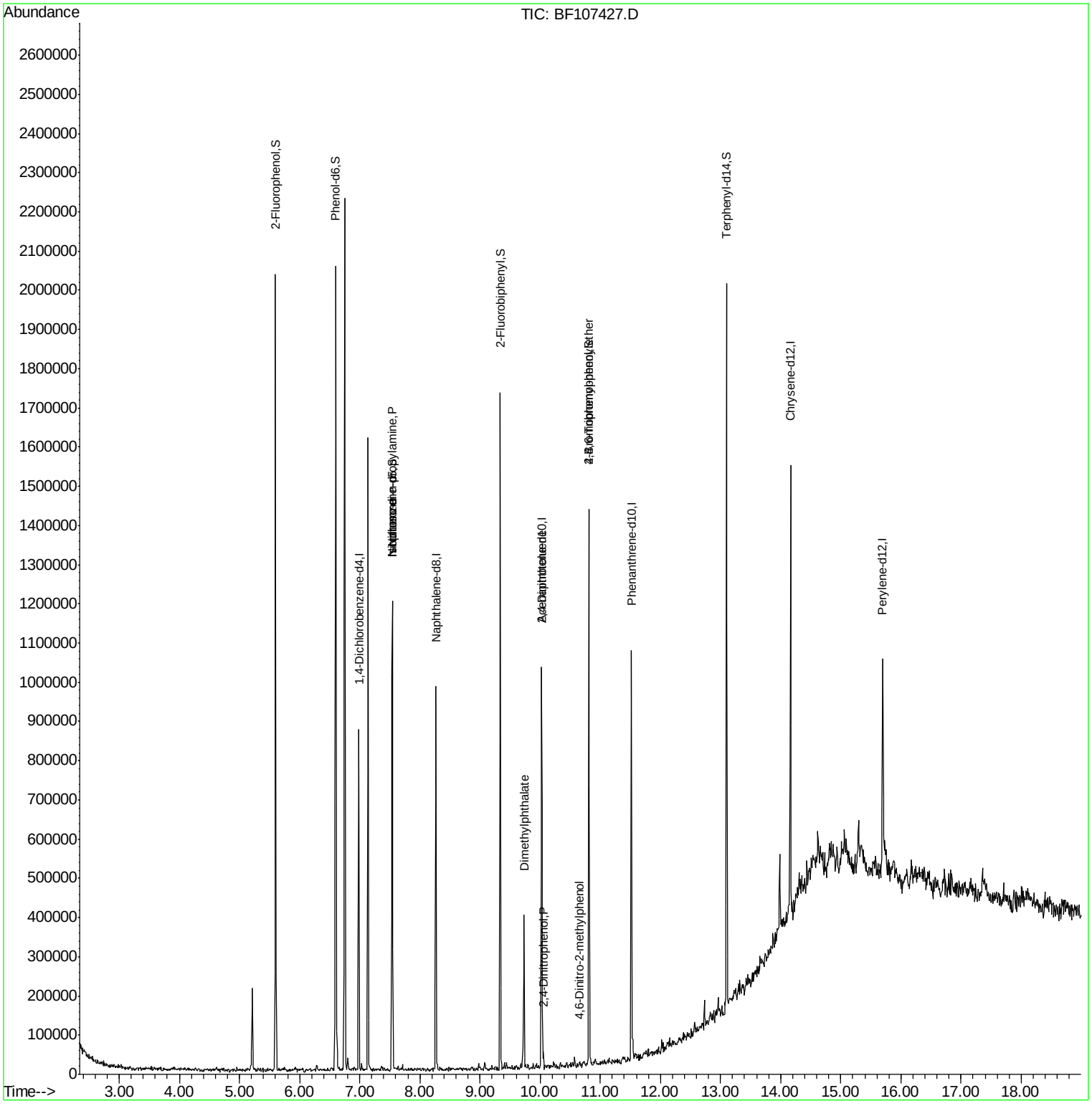
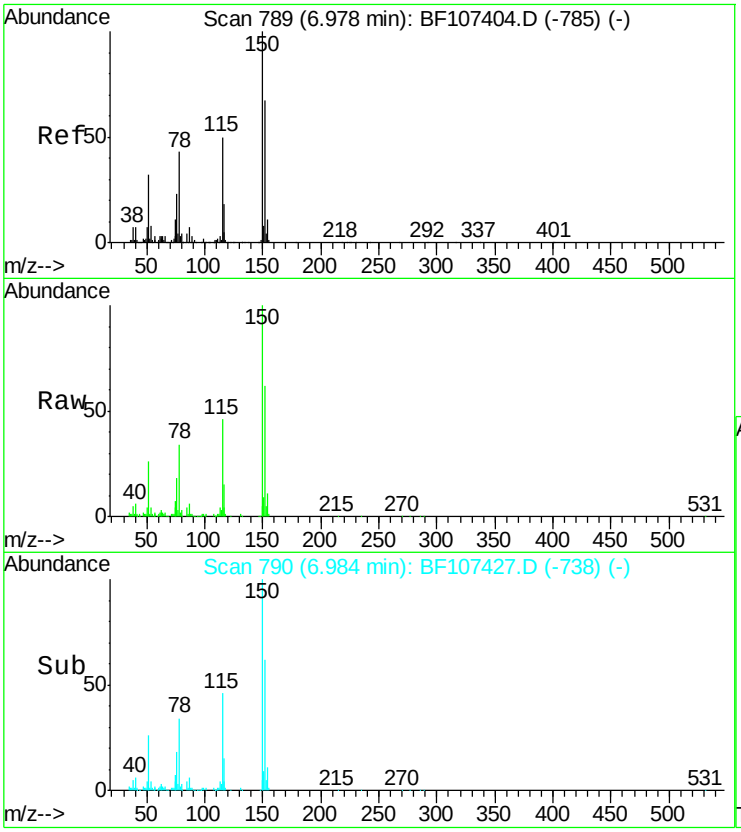


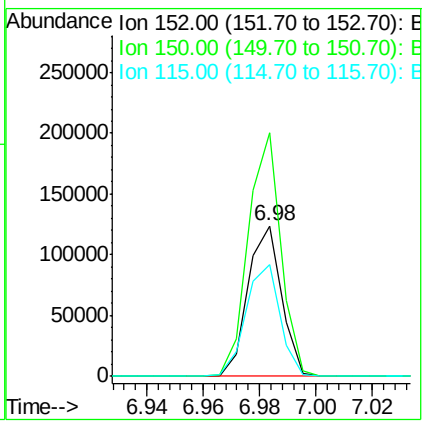


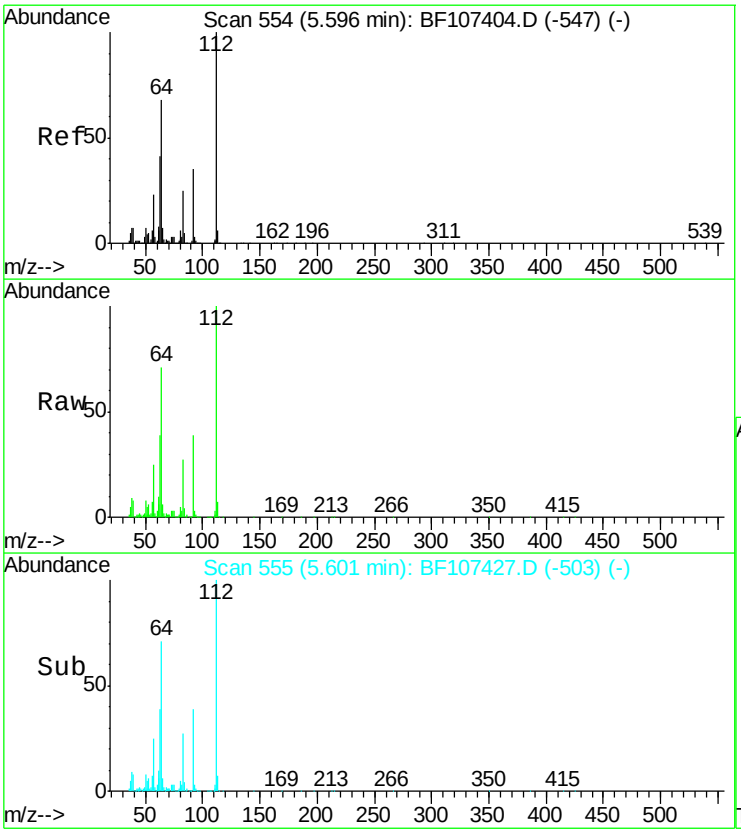
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF107427.D
Acq: 17 Jul 2018 2:32

Instrument :
BNA_F
ClientSampleId :
PAR-7

Tgt Ion:152 Resp: 102019

Ion	Ratio	Lower	Upper
152	100		
150	162.0	124.6	186.8
115	74.7	50.1	75.1

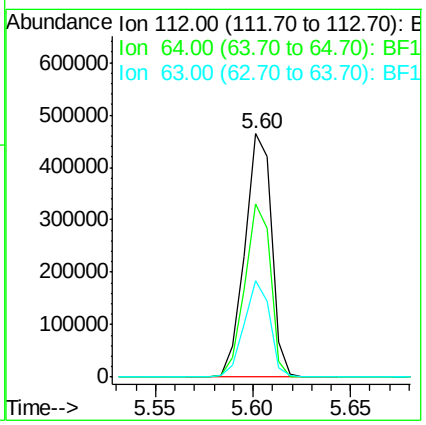


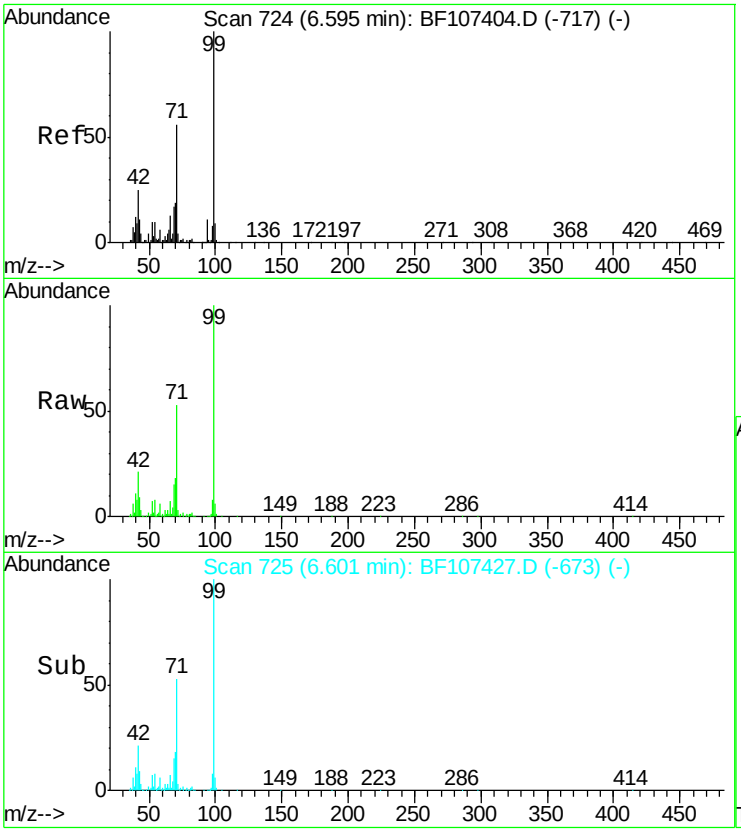


#5
2-Fluorophenol
Concen: 65.762 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107427.D
Acq: 17 Jul 2018 2:32

Tgt Ion:112 Resp: 441745

Ion	Ratio	Lower	Upper
112	100		
64	71.3	47.9	71.9
63	39.4	23.7	35.5#



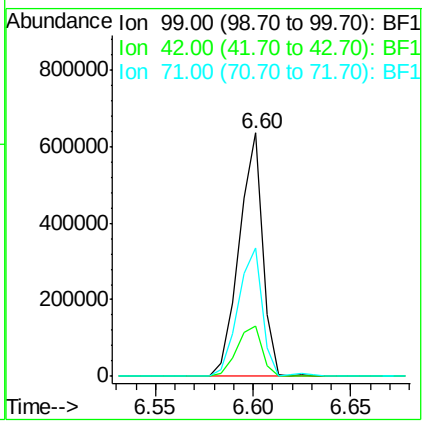


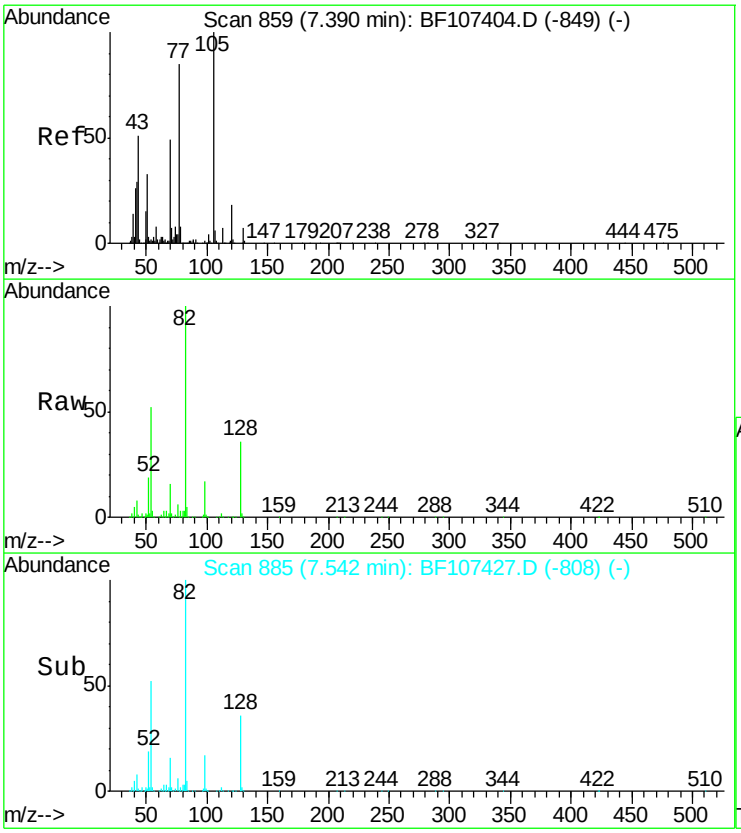
#7
Phenol-d6
Concen: 61.251 ng
RT: 6.60 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF107427.D
Acq: 17 Jul 2018 2:32

Instrument :
BNA_F
ClientSampleId :
PAR-7

Tgt Ion: 99 Resp: 531947

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	52.6	25.4	38.0#

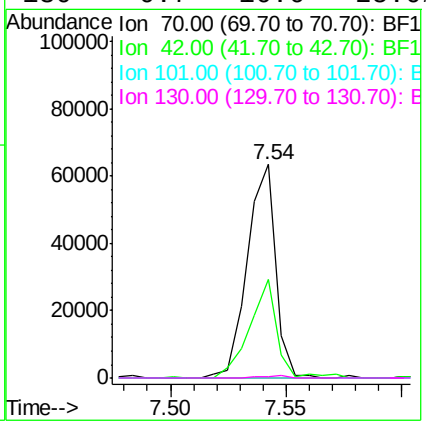


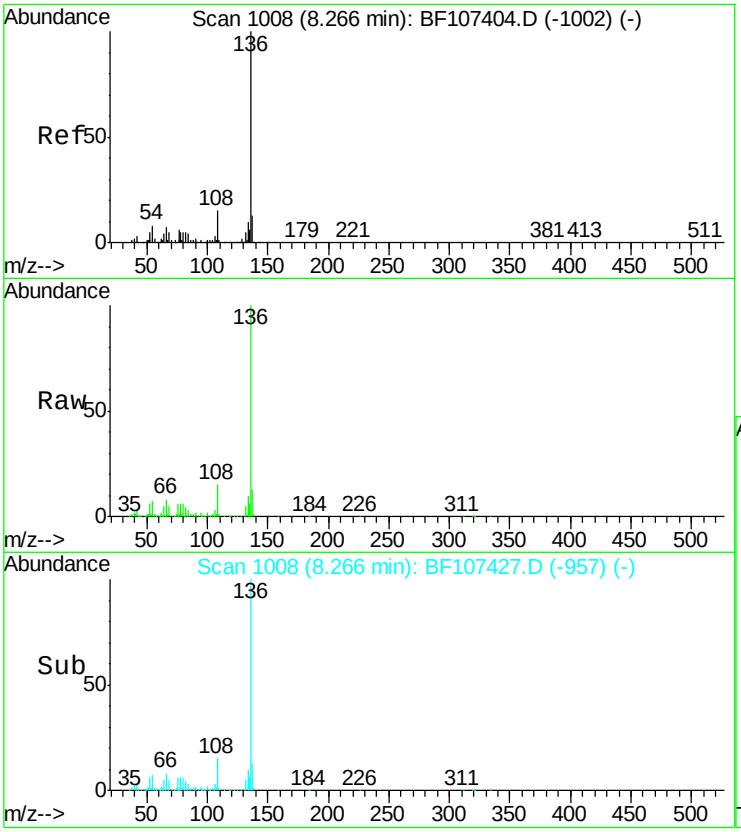


#19
n-Nitroso-di-n-propylamine
Concen: 8.797 ng
RT: 7.54 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF107427.D
Acq: 17 Jul 2018 2:32

Tgt Ion: 70 Resp: 54703

Ion	Ratio	Lower	Upper
70	100		
42	46.2	47.5	71.3#
101	0.0	7.4	11.2#
130	0.7	16.6	25.0#



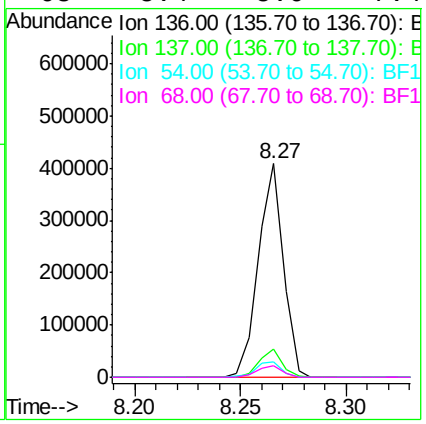


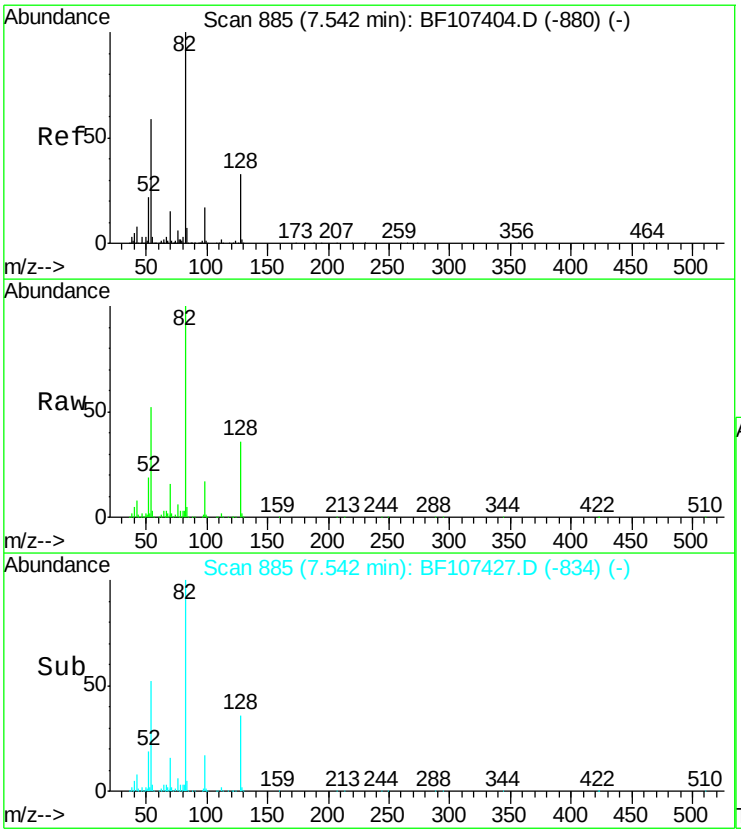
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF107427.D
Acq: 17 Jul 2018 2:32

Instrument :
BNA_F
ClientSampleId :
PAR-7

Tgt Ion:136 Resp: 338876

Ion	Ratio	Lower	Upper
136	100		
137	13.1	8.9	13.3
54	7.3	6.6	9.8
68	5.4	5.0	7.4

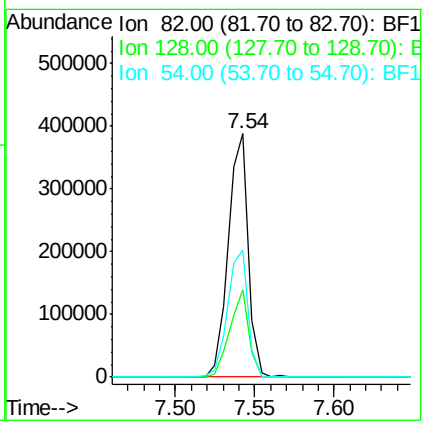


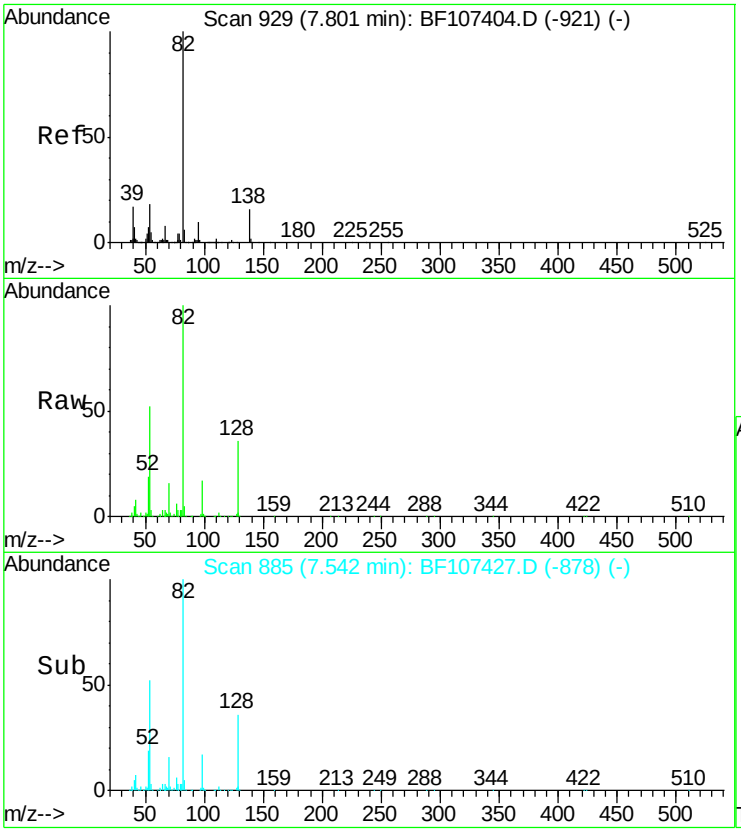


#23
Nitrobenzene-d5
Concen: 53.237 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF107427.D
Acq: 17 Jul 2018 2:32

Tgt Ion: 82 Resp: 338321

Ion	Ratio	Lower	Upper
82	100		
128	36.0	36.1	54.1#
54	52.3	41.4	62.2



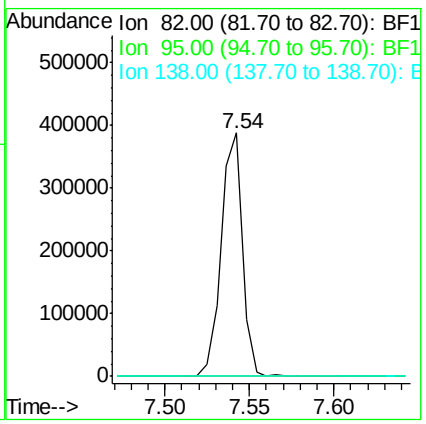


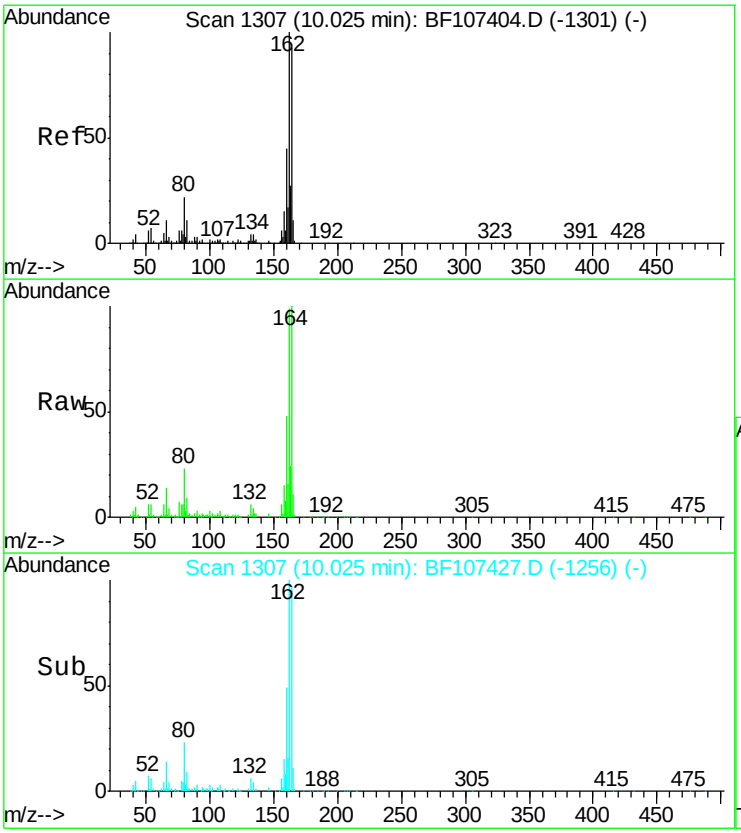
#25
Isophorone
Concen: 26.858 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF107427.D
Acq: 17 Jul 2018 2:32

Instrument :
BNA_F
ClientSampleId :
PAR-7

Tgt Ion: 82 Resp: 338313

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

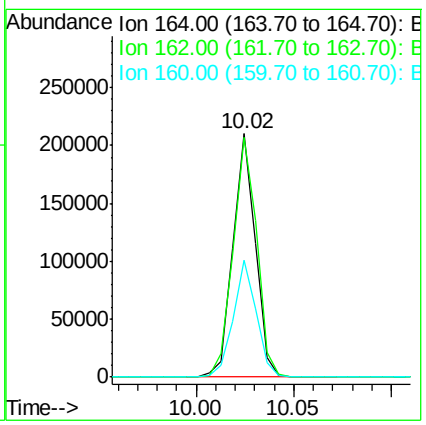


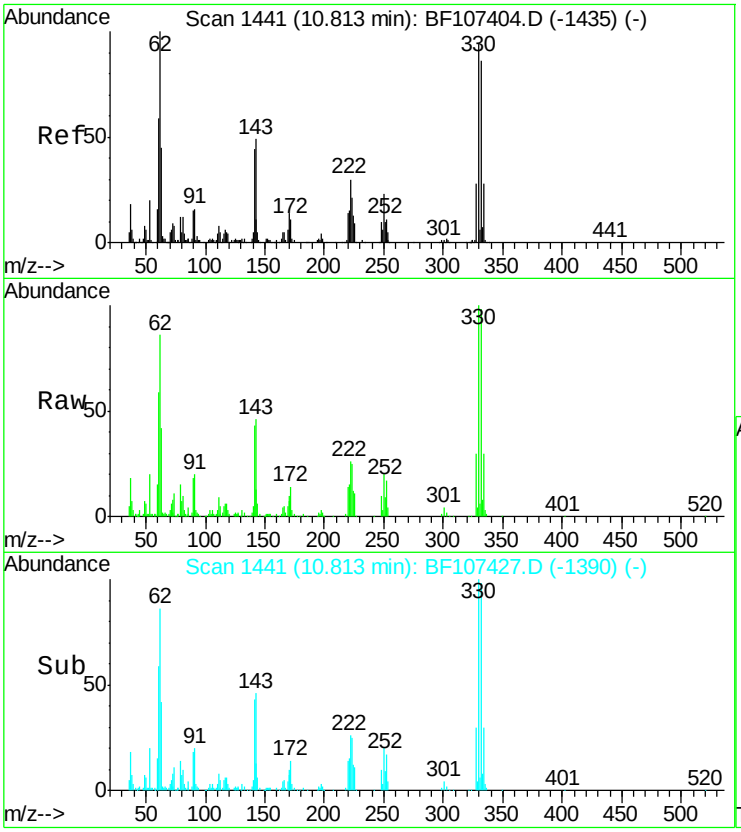


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BF107427.D
Acq: 17 Jul 2018 2:32

Tgt Ion:164 Resp: 167299

Ion	Ratio	Lower	Upper
164	100		
162	98.6	86.1	129.1
160	48.1	38.3	57.5



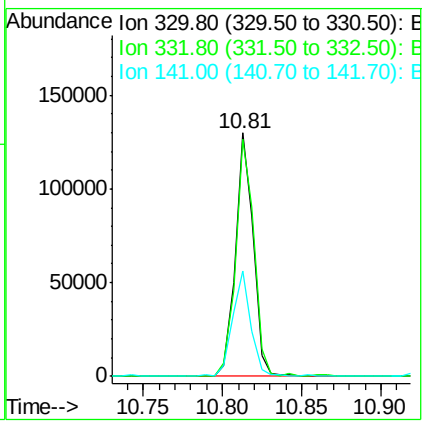


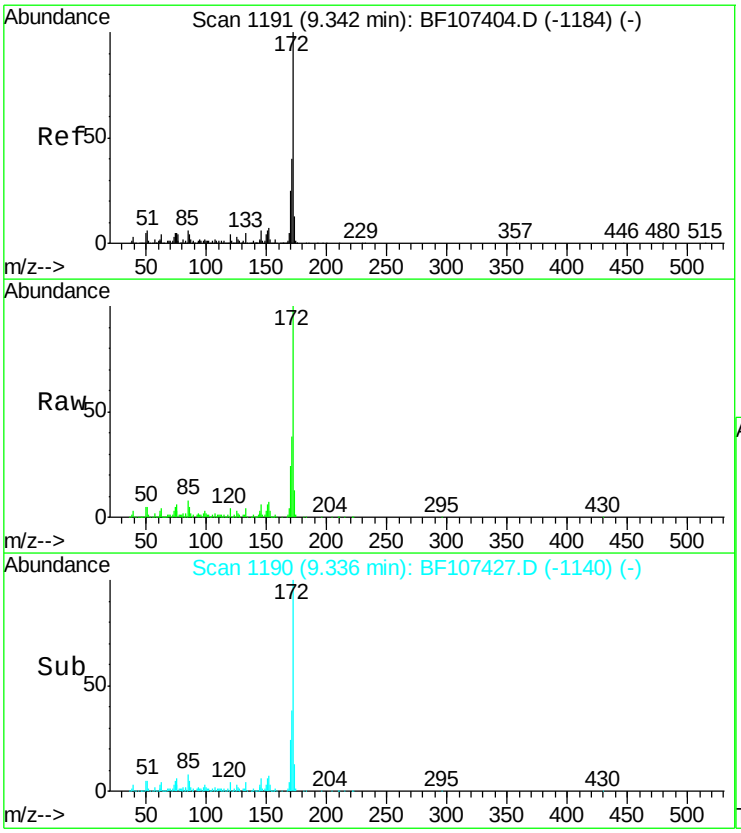
#41
2,4,6-Tribromophenol
Concen: 69.126 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF107427.D
Acq: 17 Jul 2018 2:32

Instrument :
BNA_F
ClientSampleId :
PAR-7

Tgt Ion:330 Resp: 101610

Ion	Ratio	Lower	Upper
330	100		
332	99.8	77.0	115.6
141	44.0	29.9	44.9

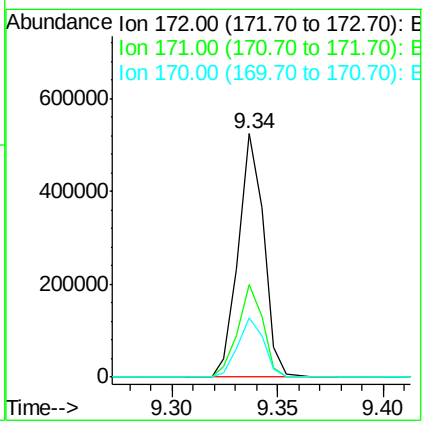


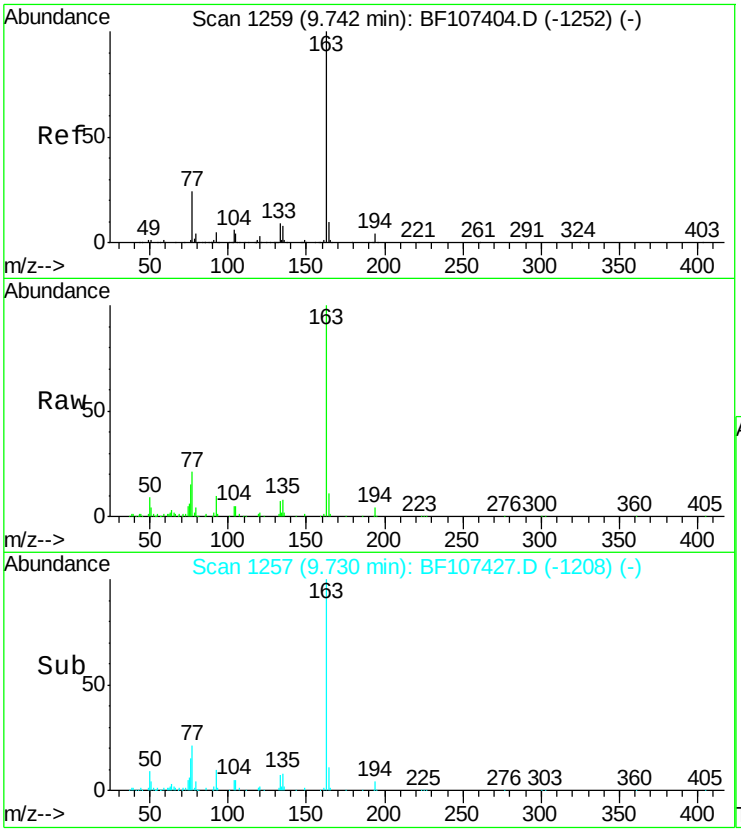


#44
2-Fluorobiphenyl
Concen: 37.677 ng
RT: 9.34 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF107427.D
Acq: 17 Jul 2018 2:32

Tgt Ion:172 Resp: 438596

Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.7	44.5
170	24.3	19.6	29.4



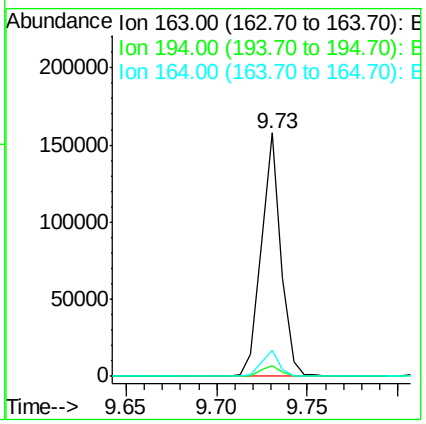


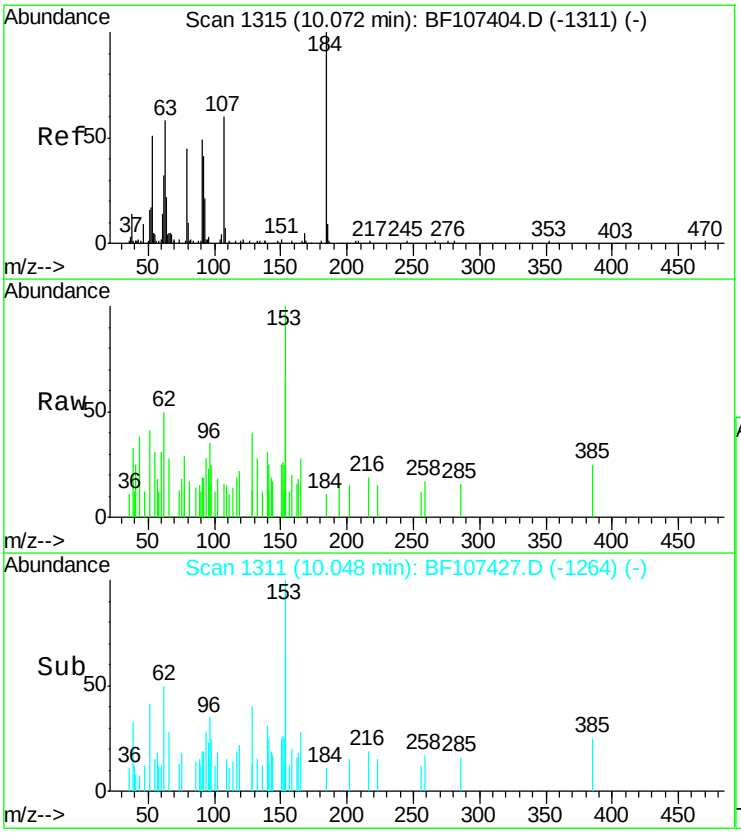
#49
Dimethylphthalate
Concen: 8.974 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF107427.D
Acq: 17 Jul 2018 2:32

Instrument :
BNA_F
ClientSampleId :
PAR-7

Tgt Ion:163 Resp: 119288

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

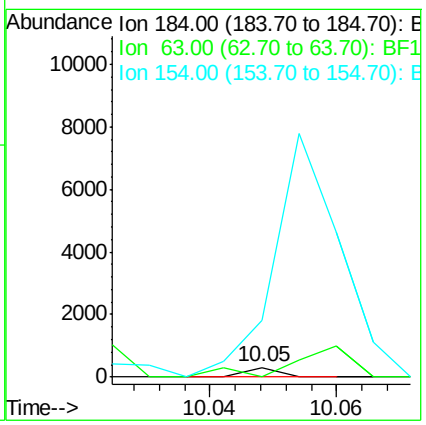


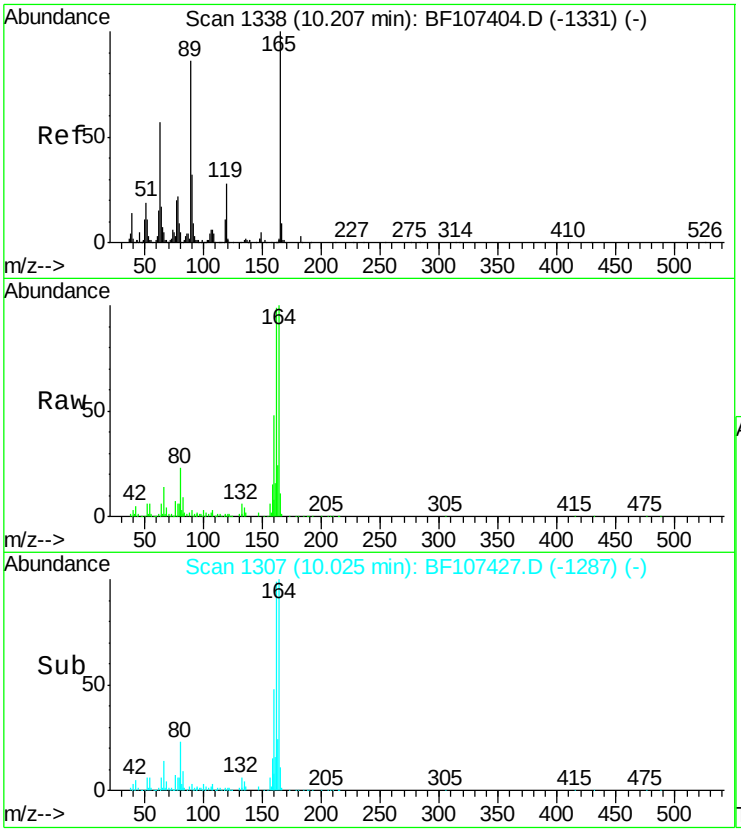


#53
2,4-Dinitrophenol
Concen: 2.426 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF107427.D
Acq: 17 Jul 2018 2:32

Tgt Ion:184 Resp: 109

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	578.7	184.0	276.0#



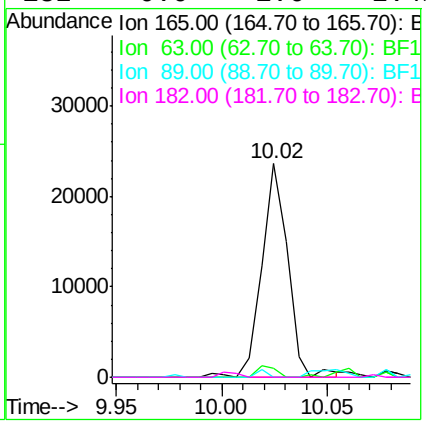


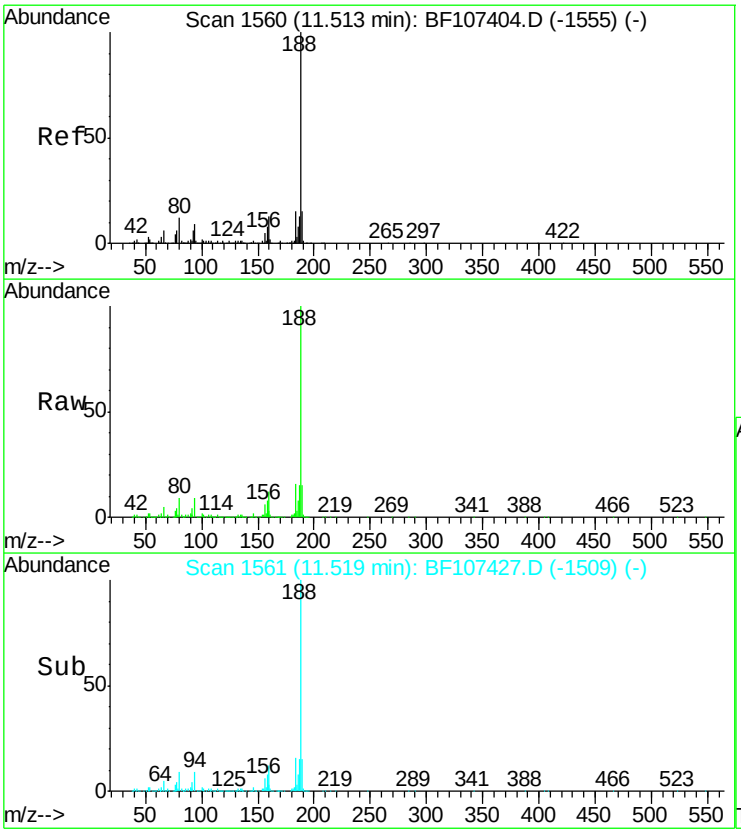
#56
2,4-Dinitrotoluene
Concen: 6.128 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.18 min
Lab File: BF107427.D
Acq: 17 Jul 2018 2:32

Instrument :
BNA_F
ClientSampleId :
PAR-7

Tgt Ion:165 Resp: 20260

Ion	Ratio	Lower	Upper
165	100		
63	4.4	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

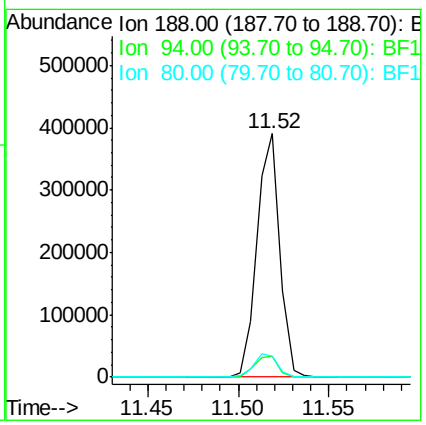


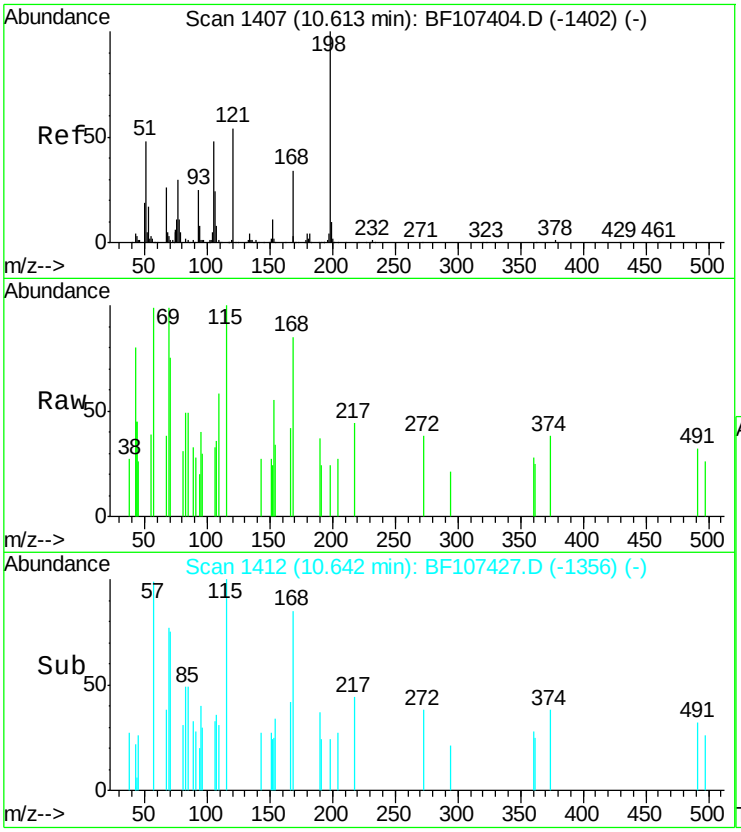


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF107427.D
Acq: 17 Jul 2018 2:32

Tgt Ion:188 Resp: 339949

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	8.7	9.2	13.8#



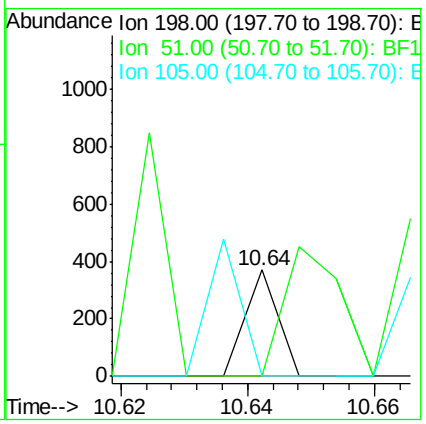


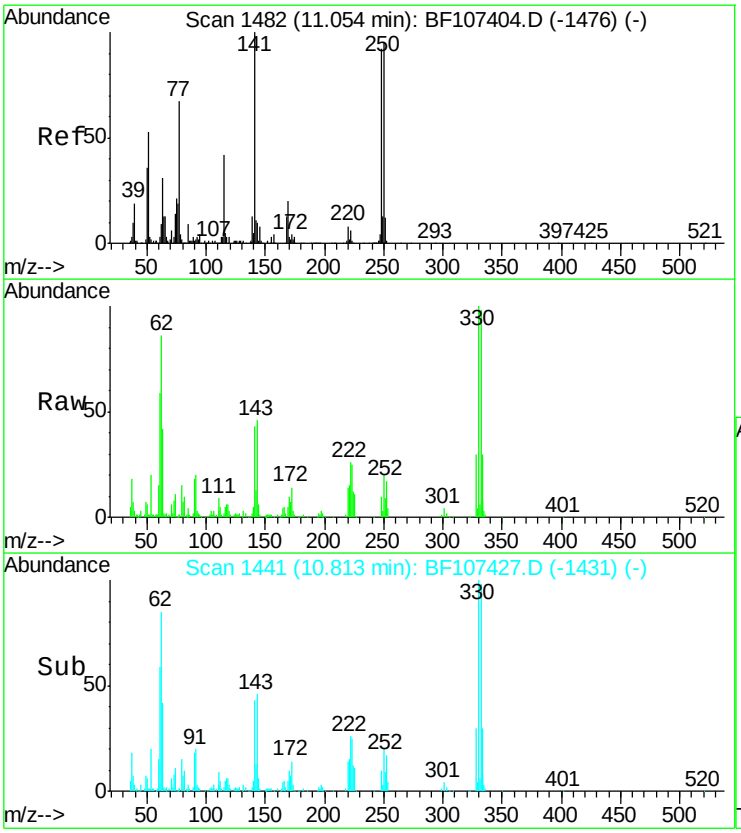
#64
4,6-Dinitro-2-methylphenol
Concen: 7.550 ng
RT: 10.64 min Scan# 1412
Delta R.T. 0.03 min
Lab File: BF107427.D
Acq: 17 Jul 2018 2:32

Instrument :
BNA_F
ClientSampleId :
PAR-7

Tgt Ion:198 Resp: 131

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

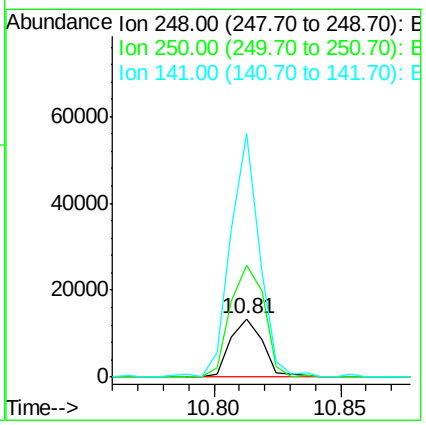


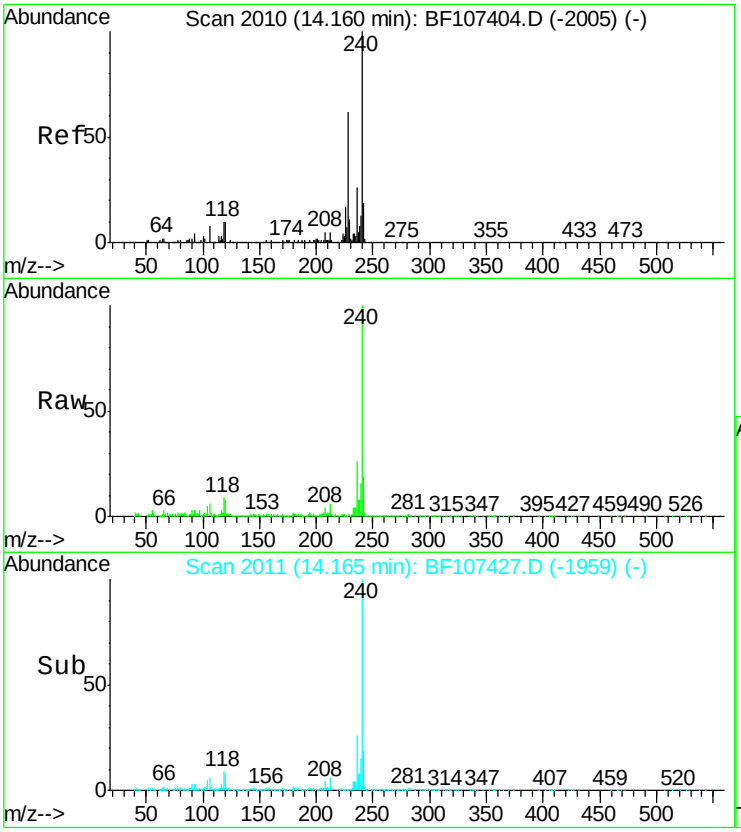


#66
4-Bromophenyl-phenylether
Concen: 3.115 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.24 min
Lab File: BF107427.D
Acq: 17 Jul 2018 2:32

Tgt Ion:248 Resp: 12115

Ion	Ratio	Lower	Upper
248	100		
250	192.3	76.9	115.3#
141	416.6	74.4	111.6#



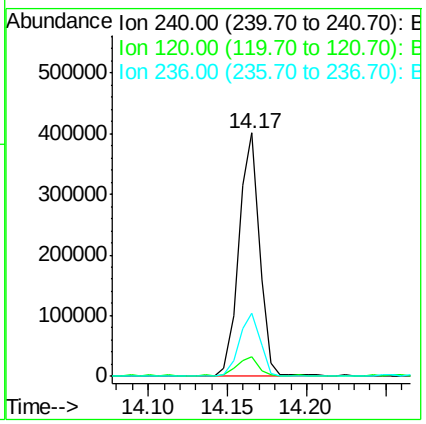


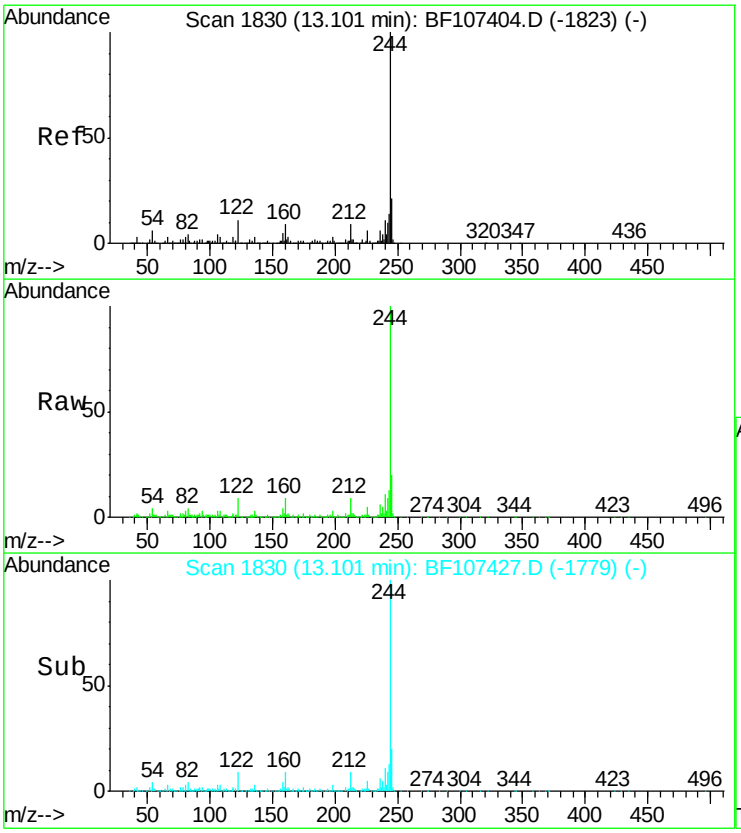
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF107427.D
Acq: 17 Jul 2018 2:32

Instrument :
BNA_F
ClientSampleId :
PAR-7

Tgt Ion:240 Resp: 358414

Ion	Ratio	Lower	Upper
240	100		
120	7.9	9.5	14.3#
236	25.7	20.7	31.1

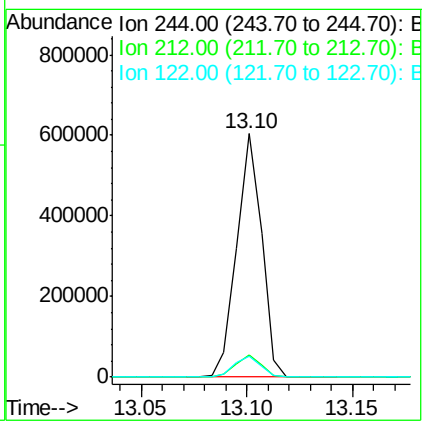


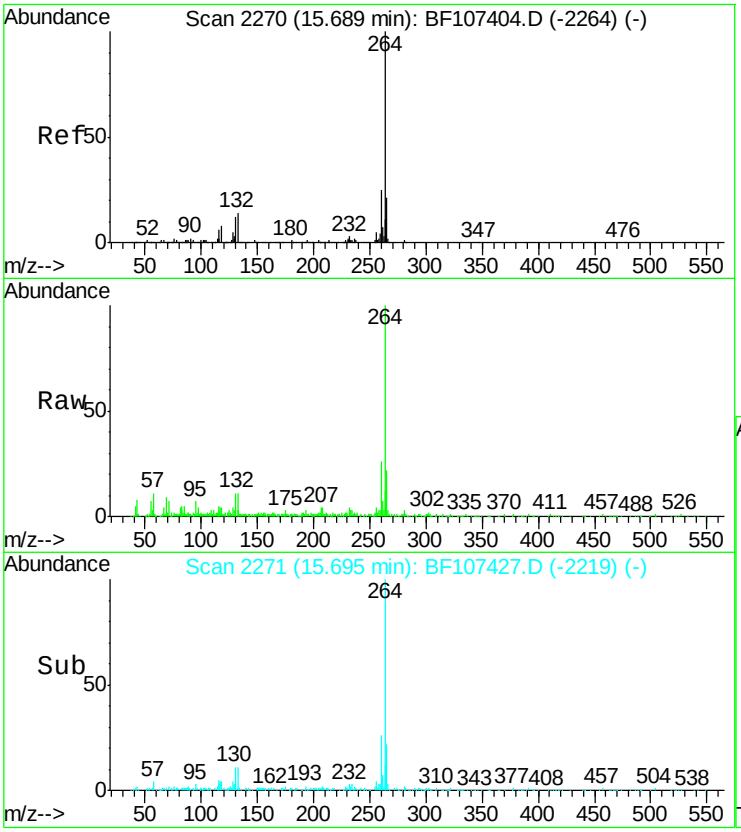


#78
Terphenyl-d14
Concen: 34.097 ng
RT: 13.10 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF107427.D
Acq: 17 Jul 2018 2:32

Tgt Ion:244 Resp: 491874

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.4	8.0#
122	8.7	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF107427.D
Acq: 17 Jul 2018 2:32

Instrument :
BNA_F
ClientSampleId :
PAR-7

Tgt Ion:264 Resp: 232169

Ion	Ratio	Lower	Upper
264	100		
260	26.0	19.2	28.8
265	21.9	17.5	26.3