Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
Data File : BF107434.D
Acq On : 17 Jul 2018 5:40
Operator : JU/SJ
Sample : J3633-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Jul 17 06:10:01 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	116555	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	391031	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	179159	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	372467	20.00	ng	0.00
75) Chrysene-d12	14.17	240	365793	20.00	ng	0.00
86) Perylene-d12	15.70	264	221415	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	687960	89.64	ng	0.02
7) Phenol-d6	6.61	99	841501	84.81	ng	0.01
23) Nitrobenzene-d5	7.54	82	564997	77.05	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	156093	99.16	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	817745	74.80	ng	0.00
78) Terphenyl-d14	13.11	244	872343	59.25	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.62	94	27150	2.552	ng	# 66
19) n-Nitroso-di-n-propylamine	7.55	70	93971	13.227	ng	# 71
25) Isophorone	7.54	82	564984	38.870	ng	# 64
49) Dimethylphthalate	9.73	163	189641	13.322	ng	# 94
53) 2,4-Dinitrophenol	10.04	184	298	2.706	ng	# 1
56) 2,4-Dinitrotoluene	10.02	165	22369	6.318	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	198	7.573	ng	# 23
66) 4-Bromophenyl-phenylether	10.82	248	17977	4.219	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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Operator : JU/SJ
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Misc :
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B-1(0-6)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 16 17:24:26 2018
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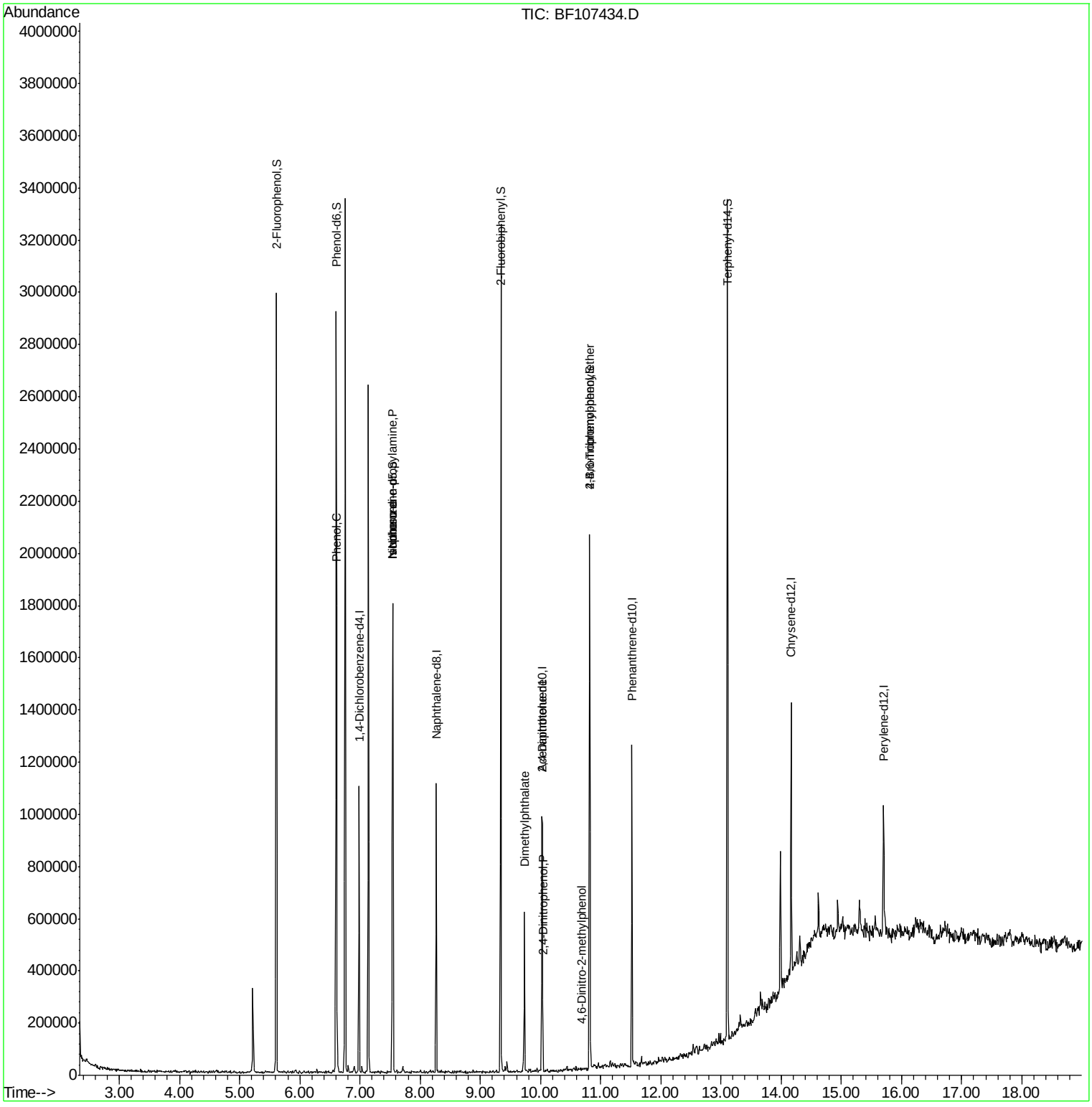
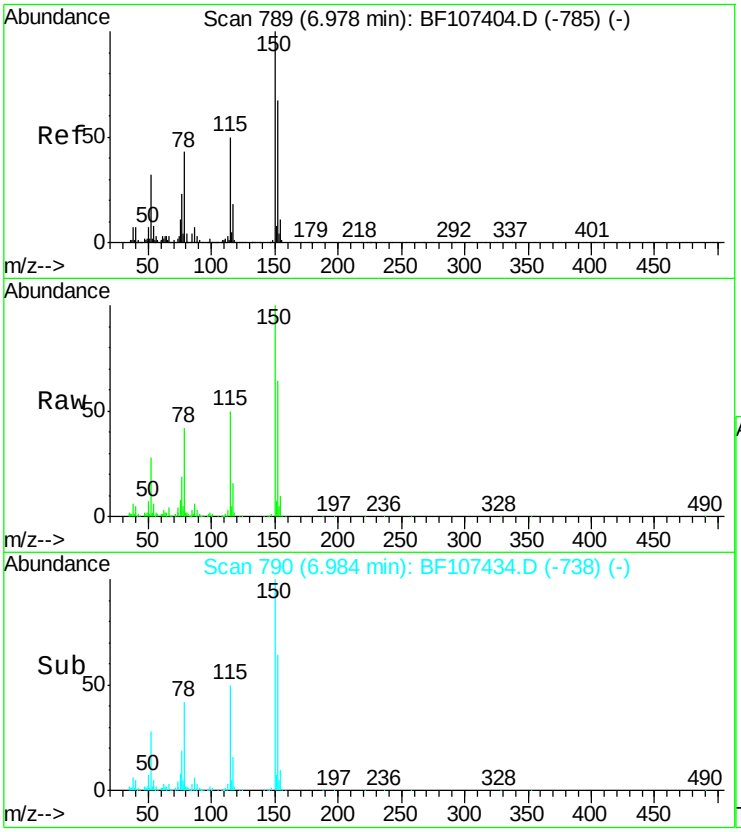


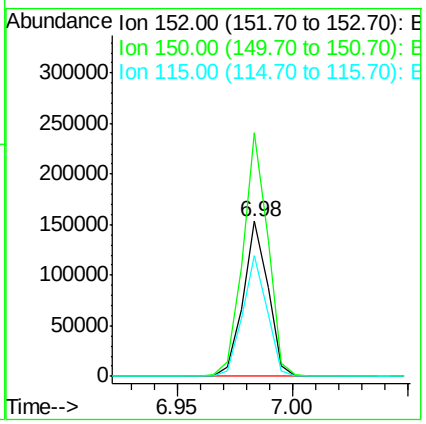


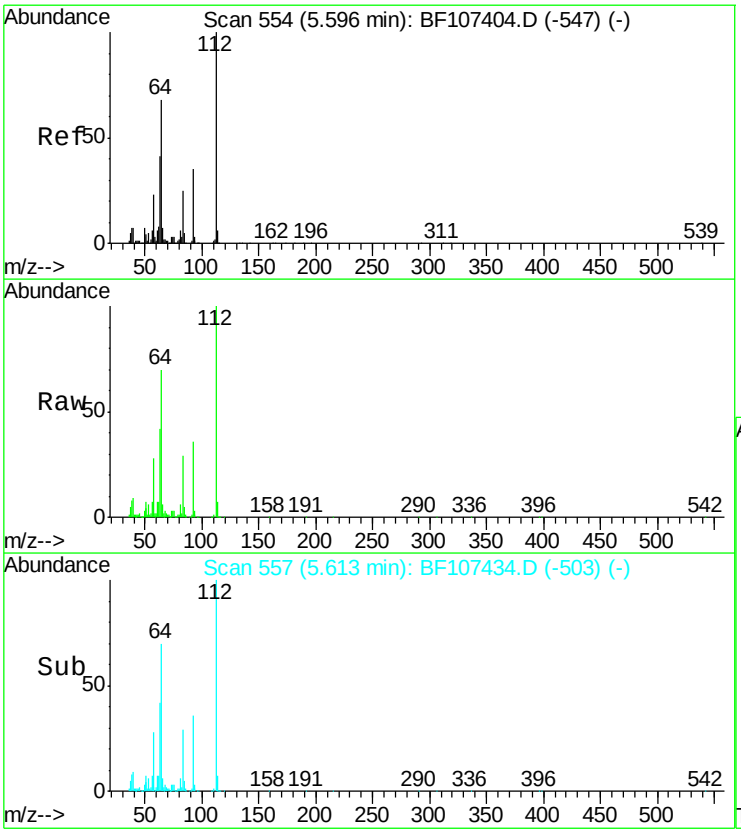
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF107434.D
Acq: 17 Jul 2018 5:40

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

Tgt Ion:152 Resp: 116555

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	78.1	50.1	75.1#

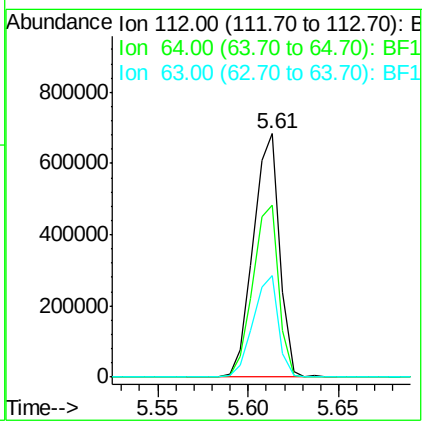


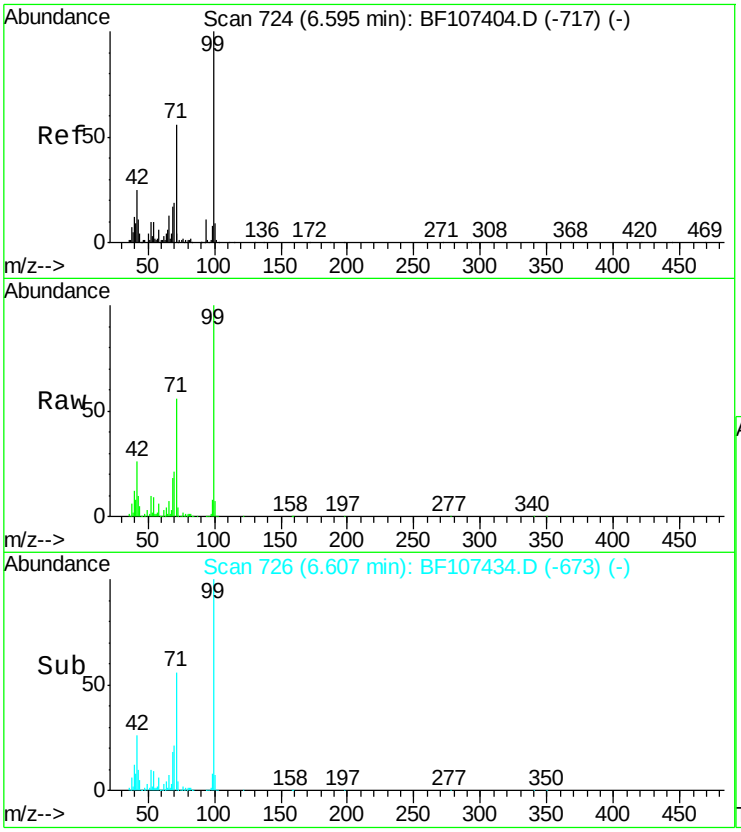


#5
2-Fluorophenol
Concen: 89.643 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF107434.D
Acq: 17 Jul 2018 5:40

Tgt Ion:112 Resp: 687960

Ion	Ratio	Lower	Upper
112	100		
64	70.4	47.9	71.9
63	41.9	23.7	35.5#



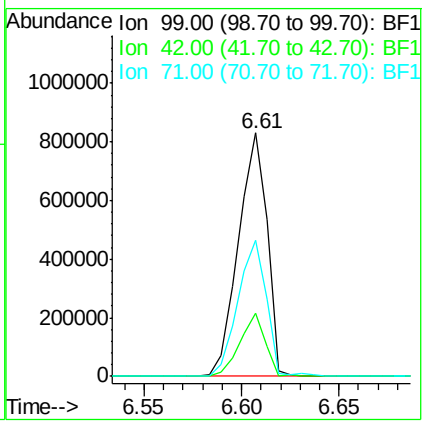


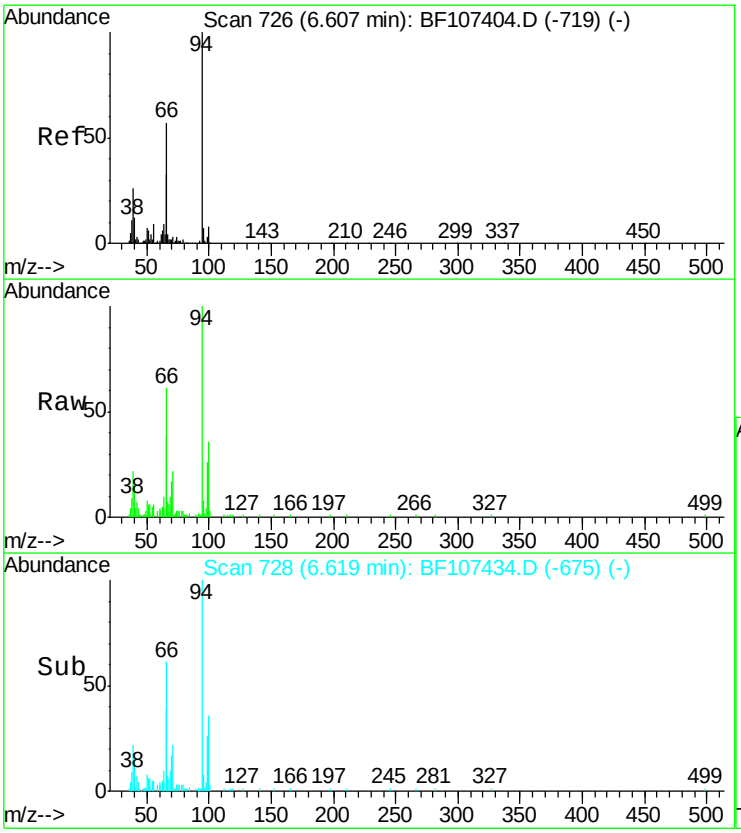
#7
Phenol-d6
Concen: 84.810 ng
RT: 6.61 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF107434.D
Acq: 17 Jul 2018 5:40

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

Tgt Ion: 99 Resp: 841501

Ion	Ratio	Lower	Upper
99	100		
42	26.0	14.5	21.7#
71	56.1	25.4	38.0#

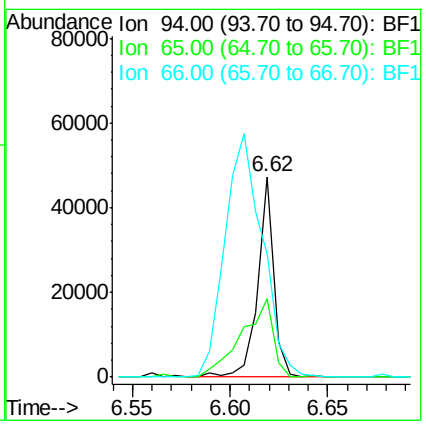


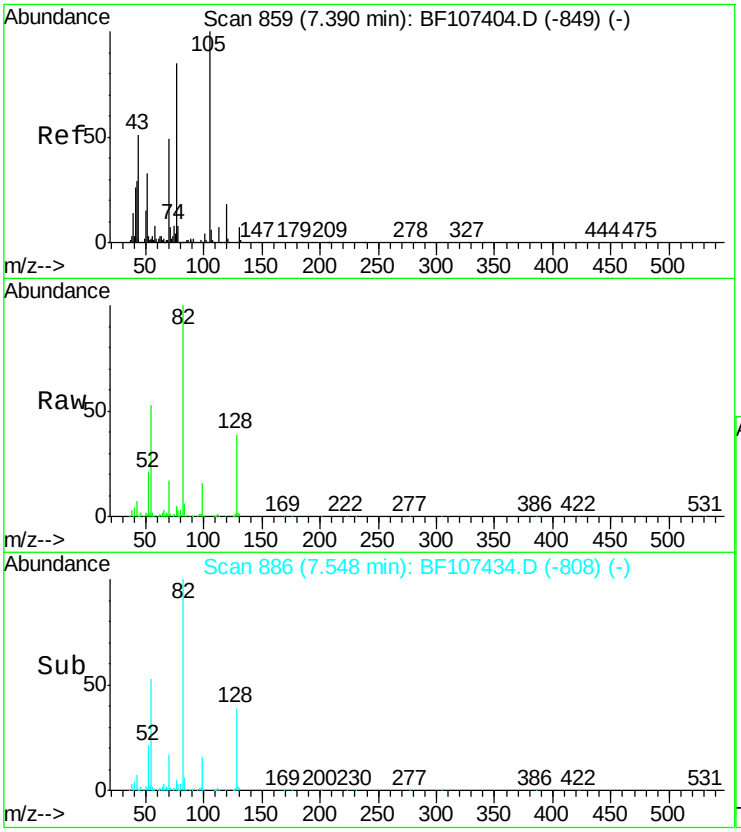


#10
Phenol
Concen: 2.552 ng
RT: 6.62 min Scan# 728
Delta R.T. 0.01 min
Lab File: BF107434.D
Acq: 17 Jul 2018 5:40

Tgt Ion: 94 Resp: 27150

Ion	Ratio	Lower	Upper
94	100		
65	39.3	7.9	47.9
66	61.4	16.2	56.2#



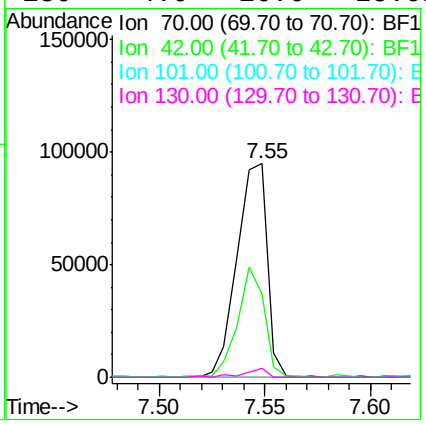


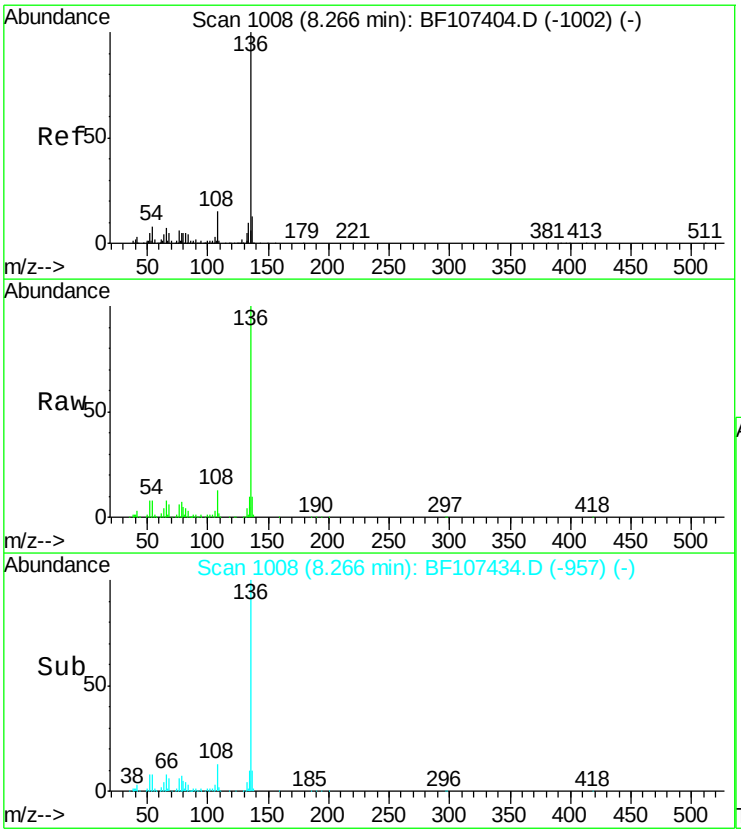
#19
n-Nitroso-di-n-propylamine
Concen: 13.227 ng
RT: 7.55 min Scan# 886
Delta R.T. 0.16 min
Lab File: BF107434.D
Acq: 17 Jul 2018 5:40

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

Tgt Ion: 70 Resp: 93971

Ion	Ratio	Lower	Upper
70	100		
42	39.2	47.5	71.3#
101	0.0	7.4	11.2#
130	4.0	16.6	25.0#

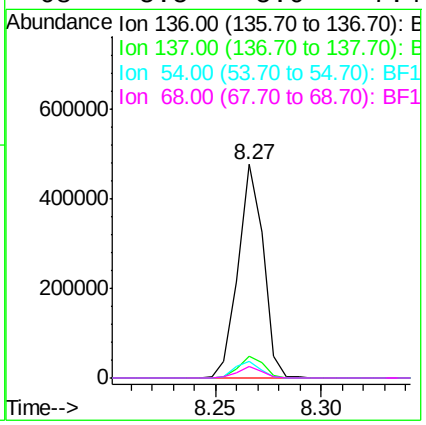


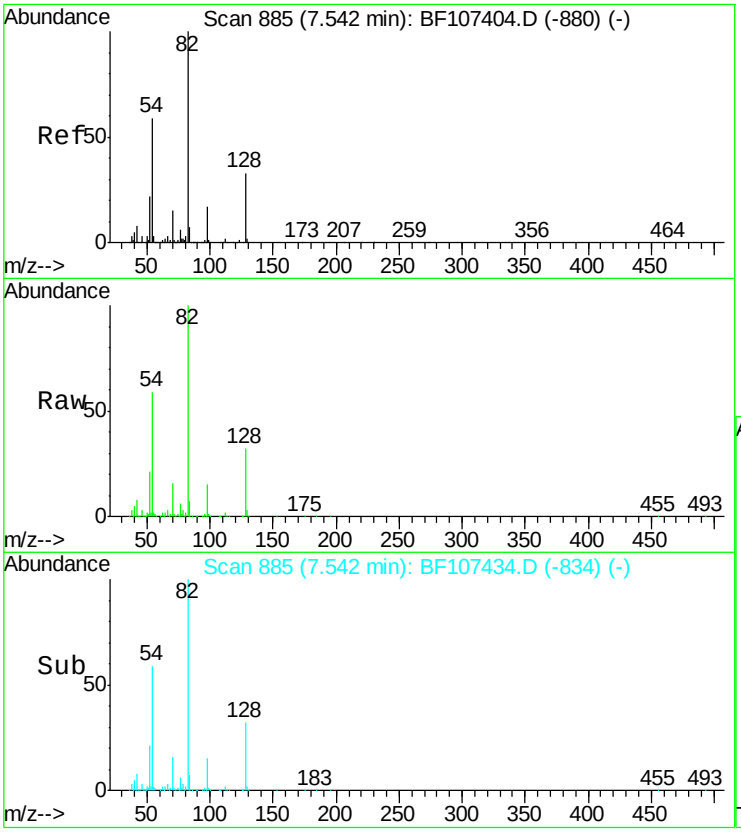


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF107434.D
Acq: 17 Jul 2018 5:40

Tgt Ion:136 Resp: 391031

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	8.0	6.6	9.8
68	5.5	5.0	7.4



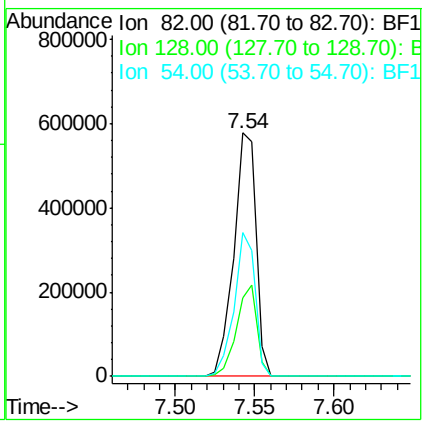


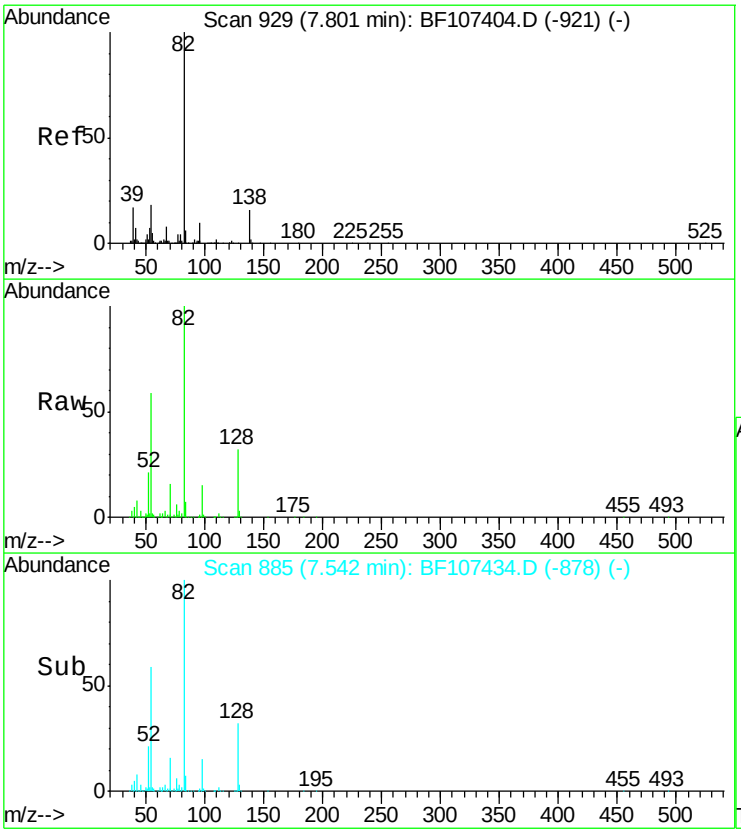
#23
Nitrobenzene-d5
Concen: 77.048 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF107434.D
Acq: 17 Jul 2018 5:40

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

Tgt Ion: 82 Resp: 564997

Ion	Ratio	Lower	Upper
82	100		
128	32.1	36.1	54.1#
54	58.9	41.4	62.2

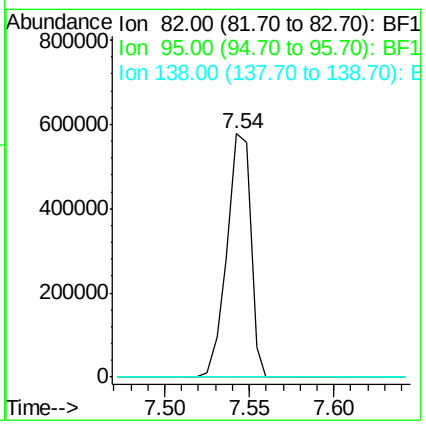


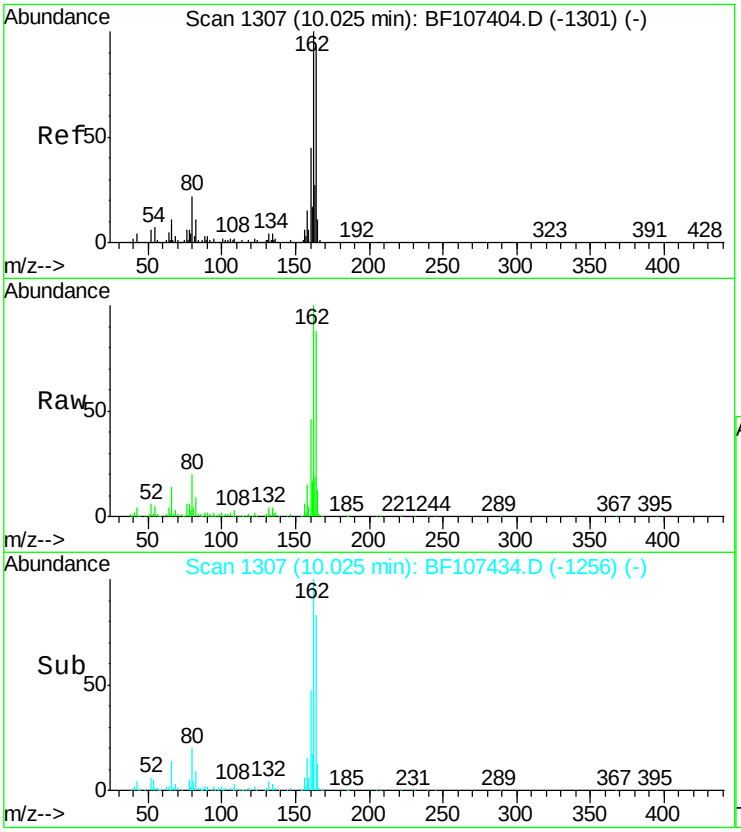


#25
Isophorone
Concen: 38.870 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF107434.D
Acq: 17 Jul 2018 5:40

Tgt Ion: 82 Resp: 564984

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



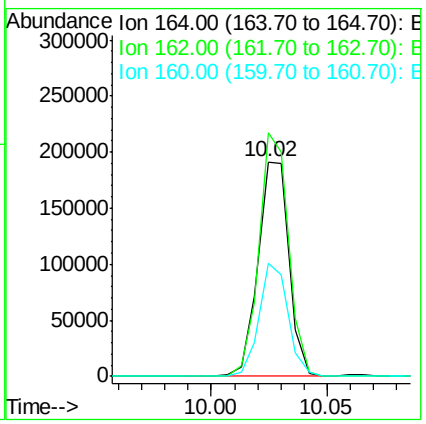


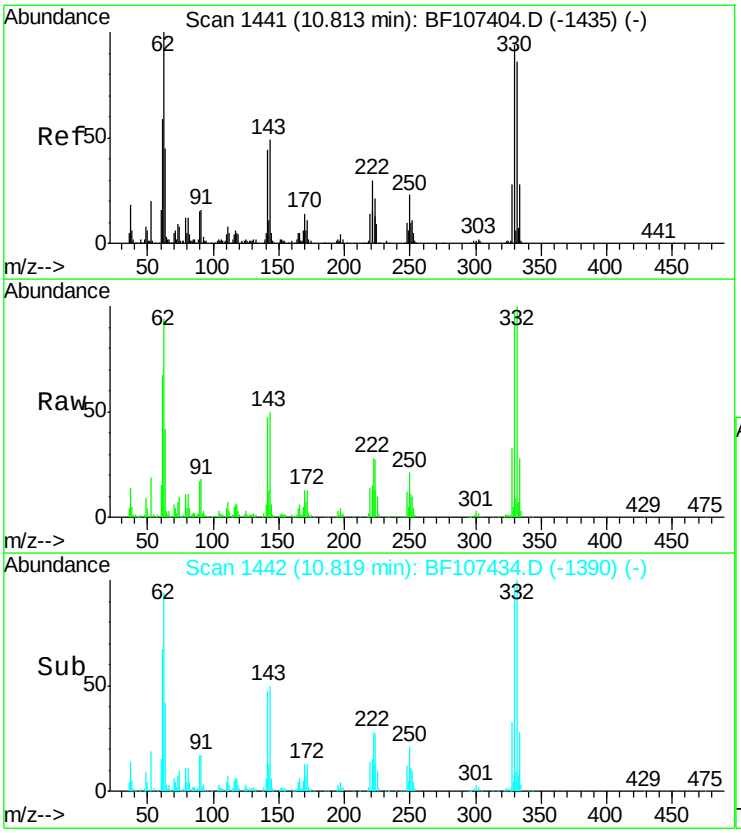
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BF107434.D
Acq: 17 Jul 2018 5:40

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

Tgt Ion:164 Resp: 179159

Ion	Ratio	Lower	Upper
164	100		
162	113.5	86.1	129.1
160	52.6	38.3	57.5

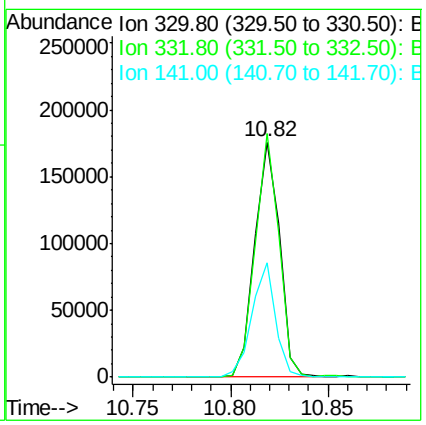


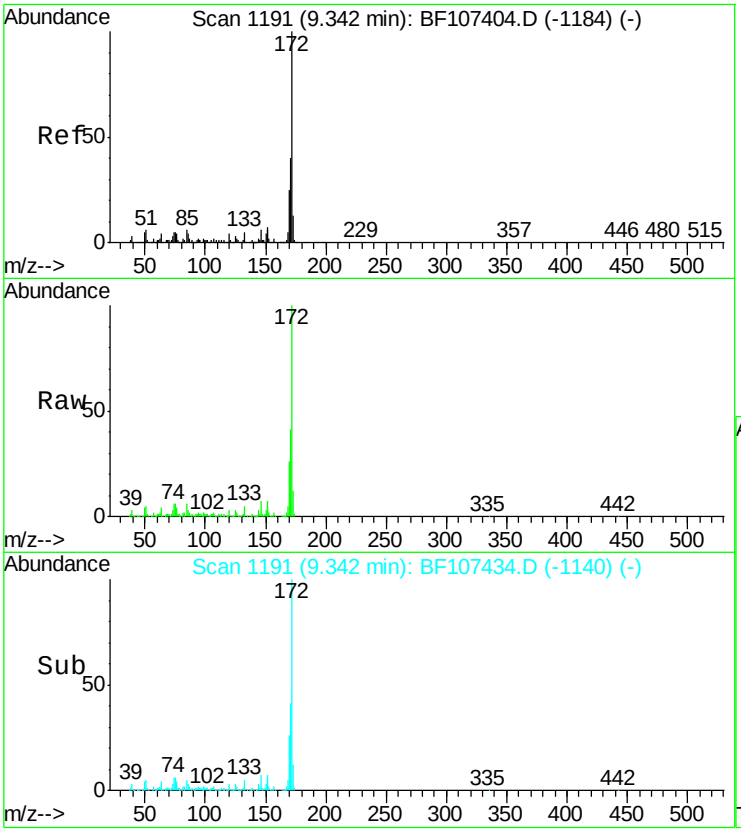


#41
2,4,6-Tribromophenol
Concen: 99.162 ng
RT: 10.82 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF107434.D
Acq: 17 Jul 2018 5:40

Tgt Ion:330 Resp: 156093

Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	46.0	29.9	44.9#



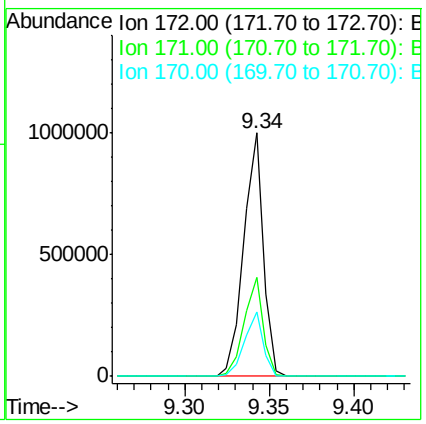


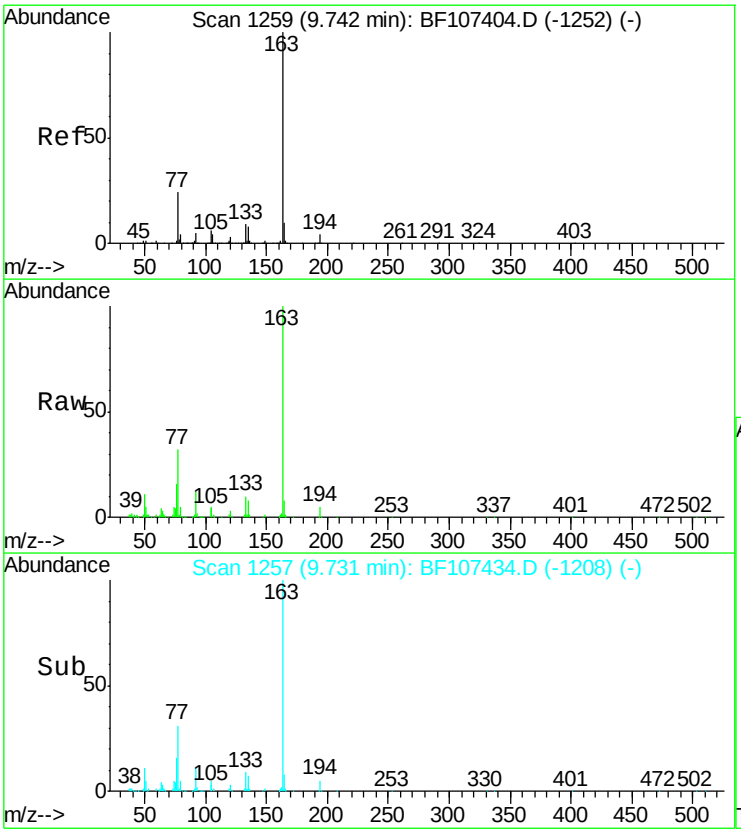
#44
2-Fluorobiphenyl
Concen: 74.803 ng
RT: 9.34 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF107434.D
Acq: 17 Jul 2018 5:40

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

Tgt Ion:172 Resp: 817745

Ion	Ratio	Lower	Upper
172	100		
171	40.5	29.7	44.5
170	26.3	19.6	29.4

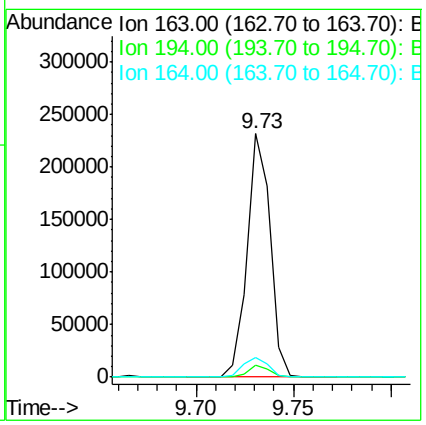


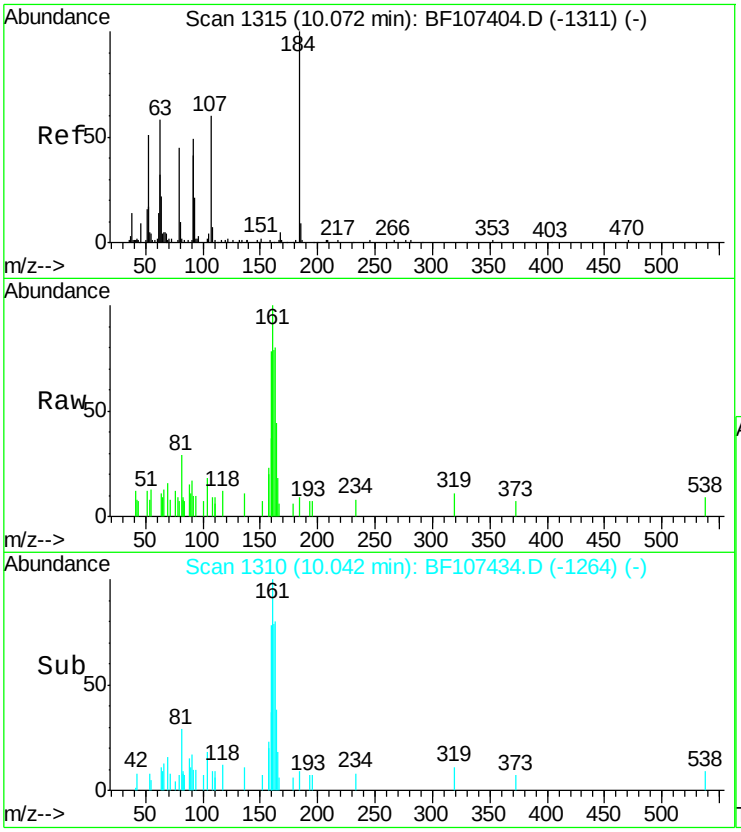


#49
Dimethylphthalate
Concen: 13.322 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF107434.D
Acq: 17 Jul 2018 5:40

Tgt Ion:163 Resp: 189641

Ion	Ratio	Lower	Upper
163	100		
194	5.1	2.7	4.1#
164	7.9	8.2	12.2#



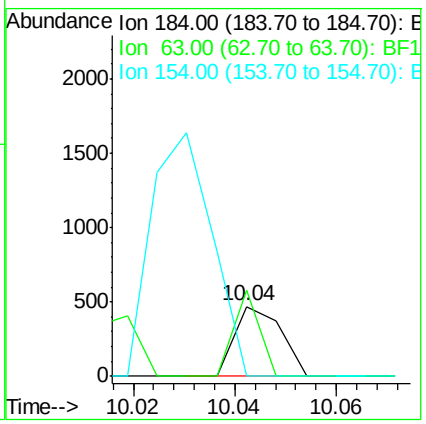


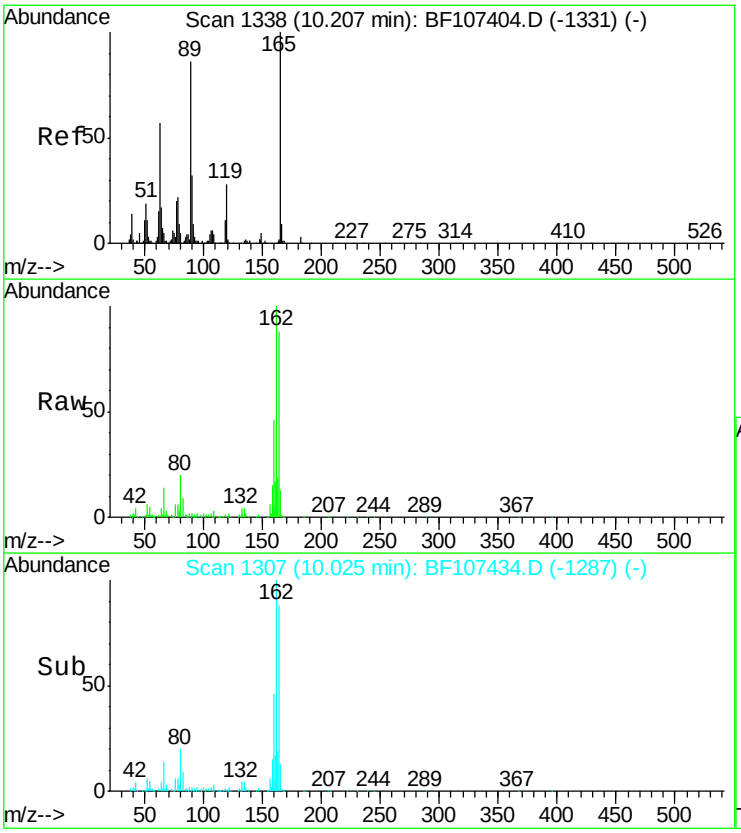
#53
2,4-Dinitrophenol
Concen: 2.706 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BF107434.D
Acq: 17 Jul 2018 5:40

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

Tgt Ion:184 Resp: 298

Ion	Ratio	Lower	Upper
184	100		
63	124.6	54.2	81.2#
154	0.0	184.0	276.0#

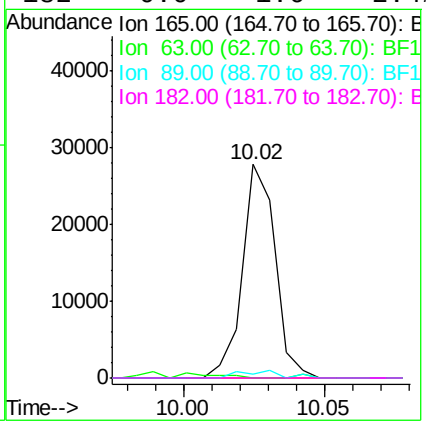


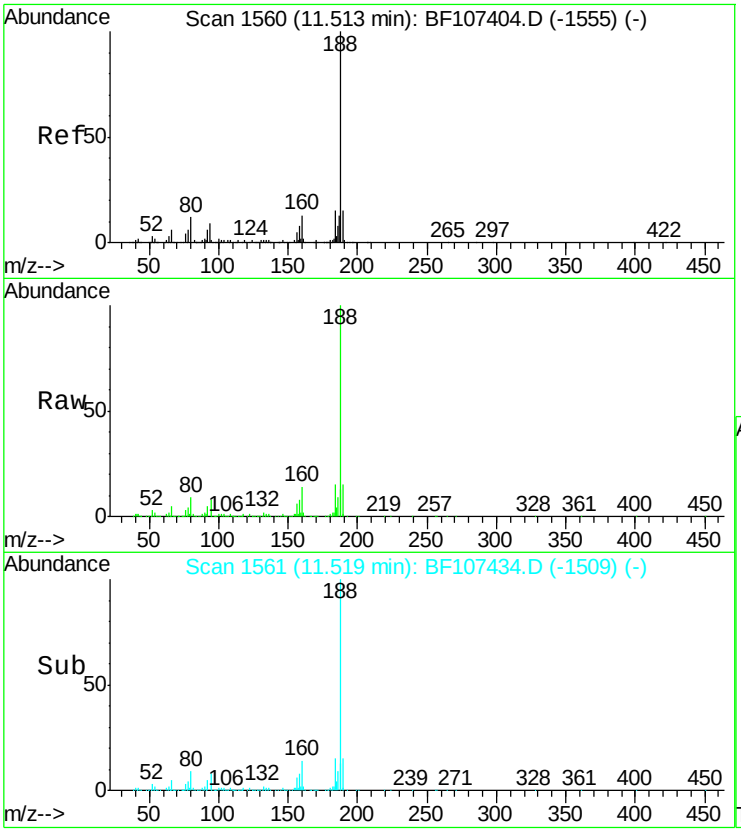


#56
2,4-Dinitrotoluene
Concen: 6.318 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.18 min
Lab File: BF107434.D
Acq: 17 Jul 2018 5:40

Tgt Ion:165 Resp: 22369

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#



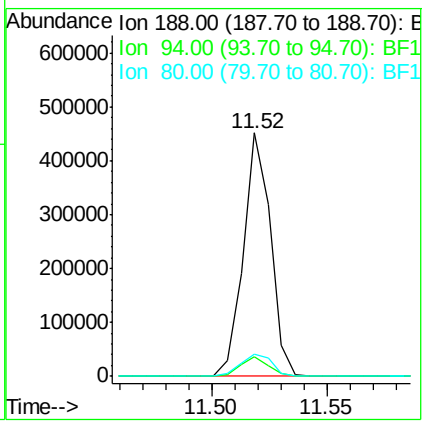


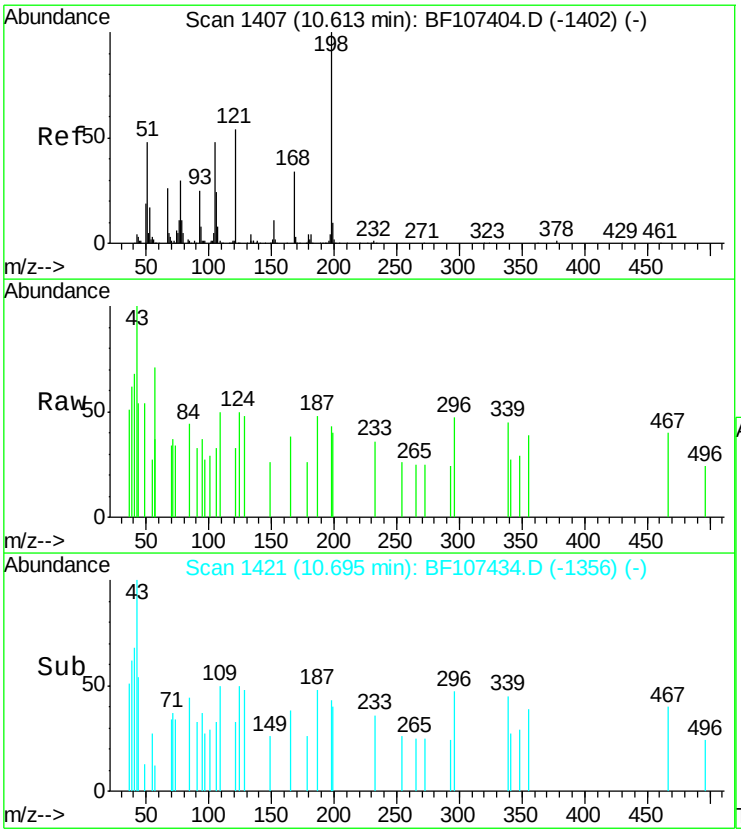
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF107434.D
Acq: 17 Jul 2018 5:40

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

Tgt Ion:188 Resp: 372467

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	9.1	9.2	13.8#

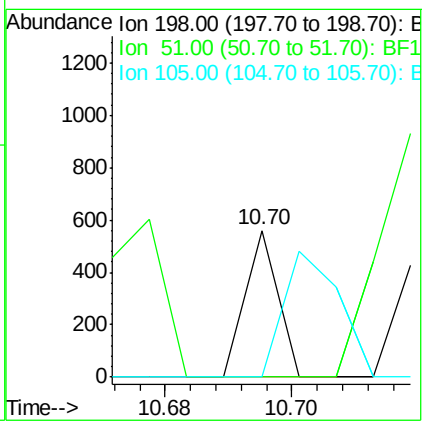


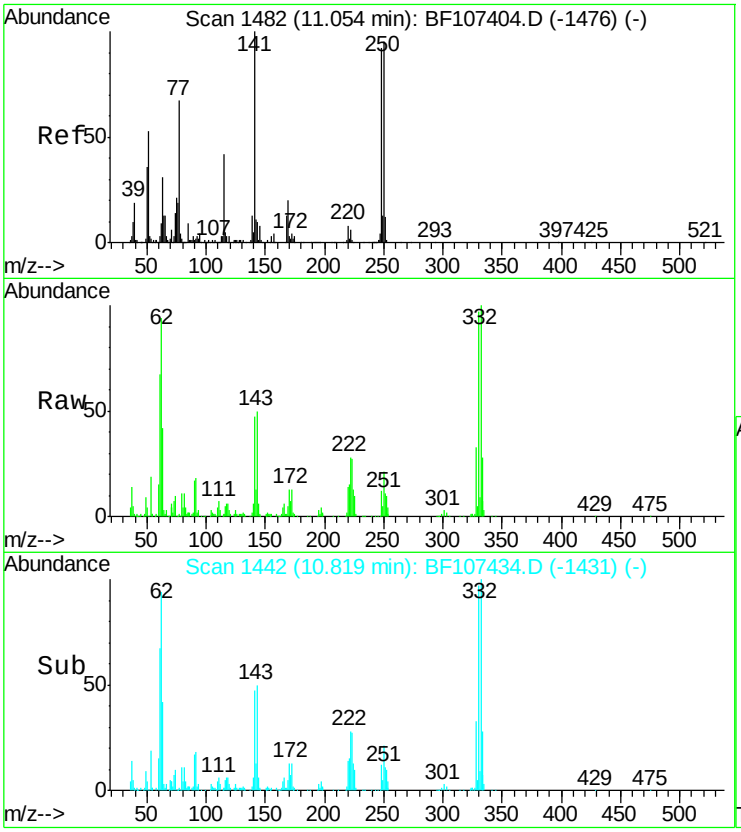


#64
4,6-Dinitro-2-methylphenol
Concen: 7.573 ng
RT: 10.70 min Scan# 1421
Delta R.T. 0.08 min
Lab File: BF107434.D
Acq: 17 Jul 2018 5:40

Tgt Ion:198 Resp: 198

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



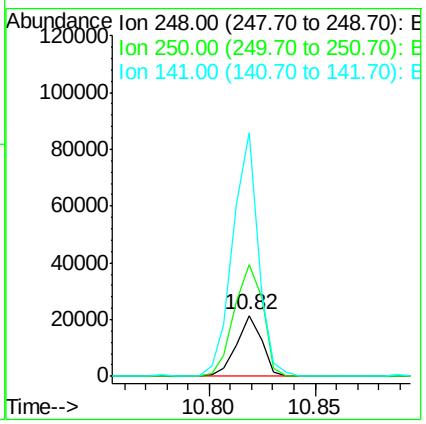


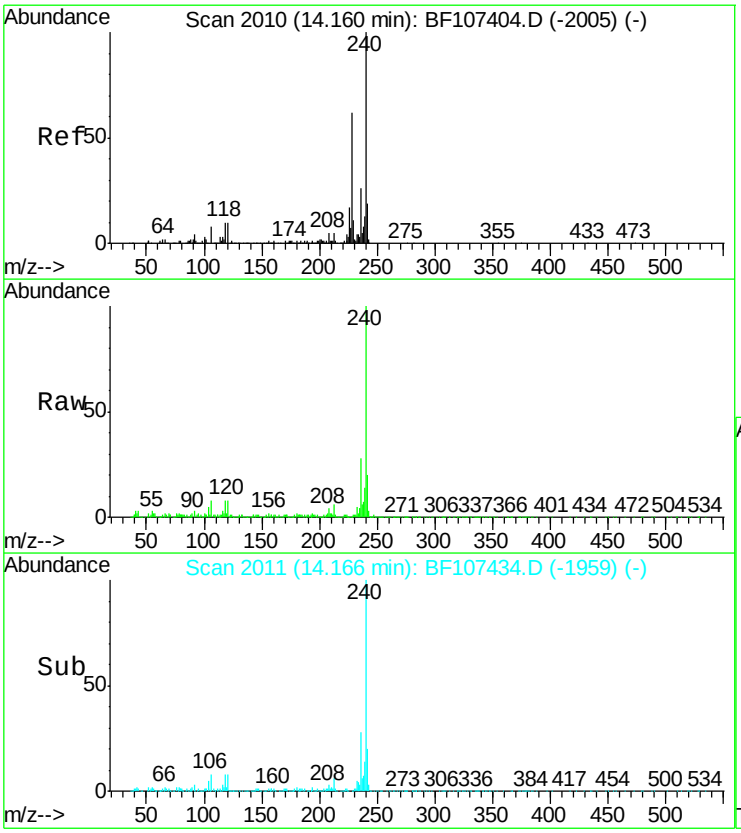
#66
4-Bromophenyl-phenylether
Concen: 4.219 ng
RT: 10.82 min Scan# 1442
Delta R.T. -0.24 min
Lab File: BF107434.D
Acq: 17 Jul 2018 5:40

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

Tgt Ion:248 Resp: 17977

Ion	Ratio	Lower	Upper
248	100		
250	182.6	76.9	115.3#
141	399.9	74.4	111.6#

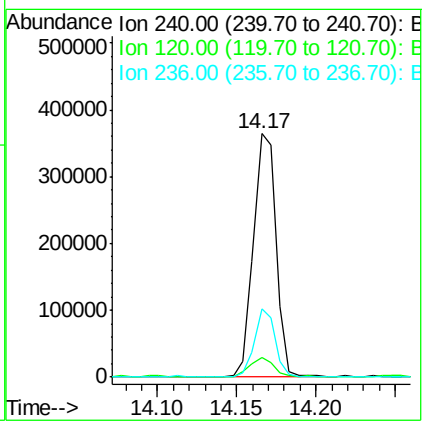


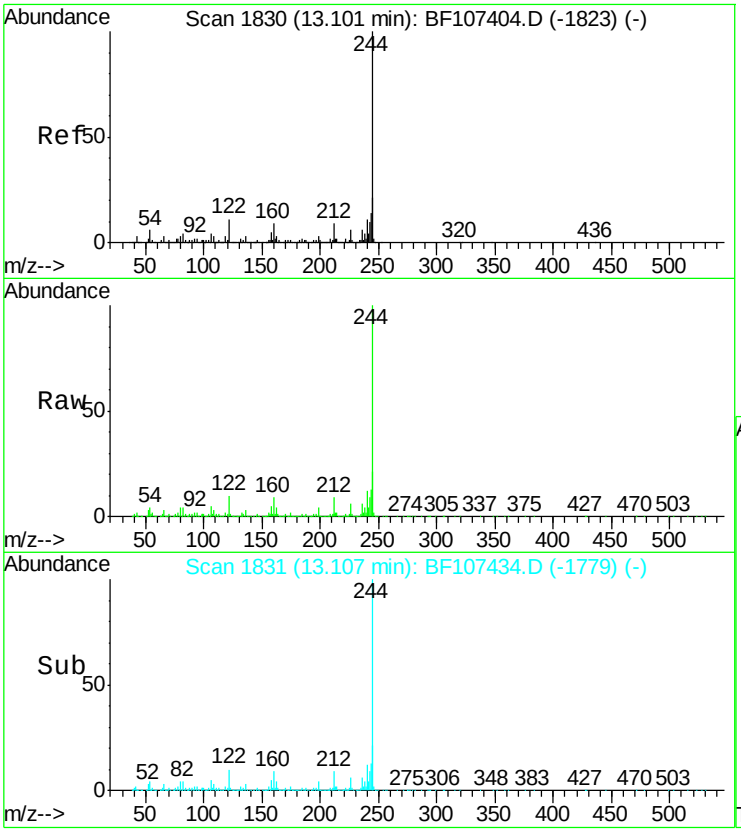


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF107434.D
Acq: 17 Jul 2018 5:40

Tgt Ion:240 Resp: 365793

Ion	Ratio	Lower	Upper
240	100		
120	8.3	9.5	14.3#
236	27.9	20.7	31.1



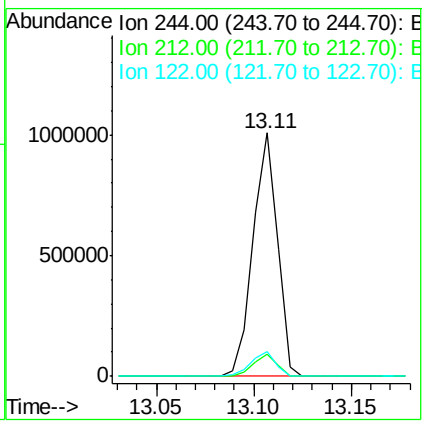


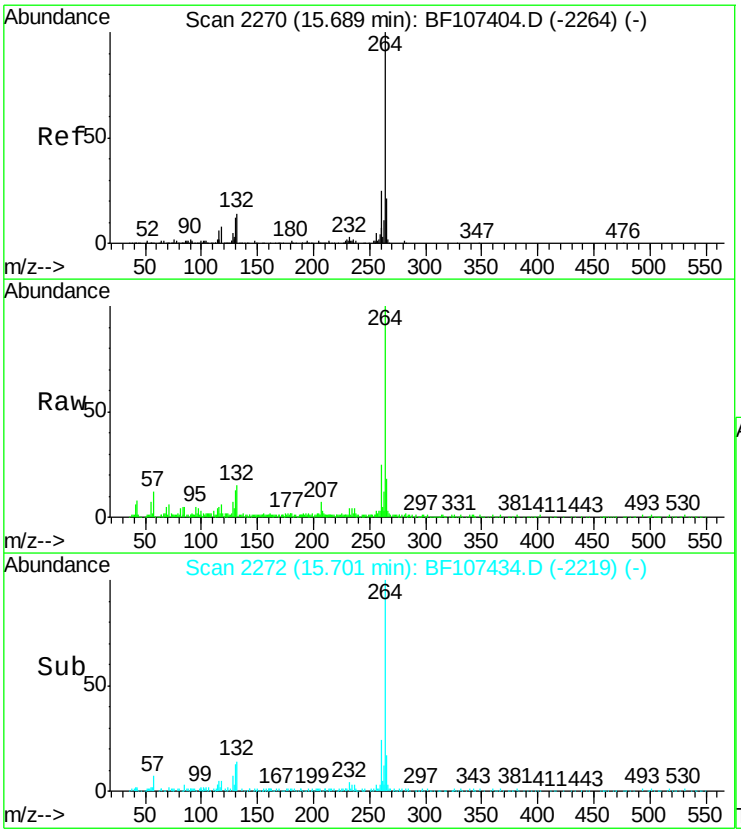
#78
Terphenyl-d14
Concen: 59.252 ng
RT: 13.11 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF107434.D
Acq: 17 Jul 2018 5:40

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

Tgt Ion:244 Resp: 872343

Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.4	8.0#
122	10.3	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF107434.D
Acq: 17 Jul 2018 5:40

Tgt Ion:264 Resp: 221415

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	18.3	17.5	26.3