Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071718\
Data File : BF107457.D
Acq On : 17 Jul 2018 18:47
Operator : JU/SJ
Sample : J4013-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-I-S

Quant Time: Jul 18 01:20:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 11:29:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	105959	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	394617	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	206273	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	416709	20.00	ng	0.00
75) Chrysene-d12	14.17	240	387463	20.00	ng	0.00
86) Perylene-d12	15.71	264	233814	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	557424	79.90	ng	0.00
7) Phenol-d6	6.61	99	731053	81.05	ng	0.00
23) Nitrobenzene-d5	7.55	82	511915	69.17	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	155907	86.02	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	845432	65.90	ng	0.00
78) Terphenyl-d14	13.11	244	954892	61.23	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.55	70	81295	12.587	ng	# 73
25) Isophorone	7.55	82	511906	34.899	ng	# 64
49) Dimethylphthalate	9.73	163	136599	8.335	ng	# 98
53) 2,4-Dinitrophenol	10.18	184	121	2.408	ng	# 1
56) 2,4-Dinitrotoluene	10.03	165	25742	6.315	ng	# 27
64) 4,6-Dinitro-2-methylphenol	10.81	198	508	7.681	ng	# 53
66) 4-Bromophenyl-phenylether	10.82	248	19426	4.075	ng	# 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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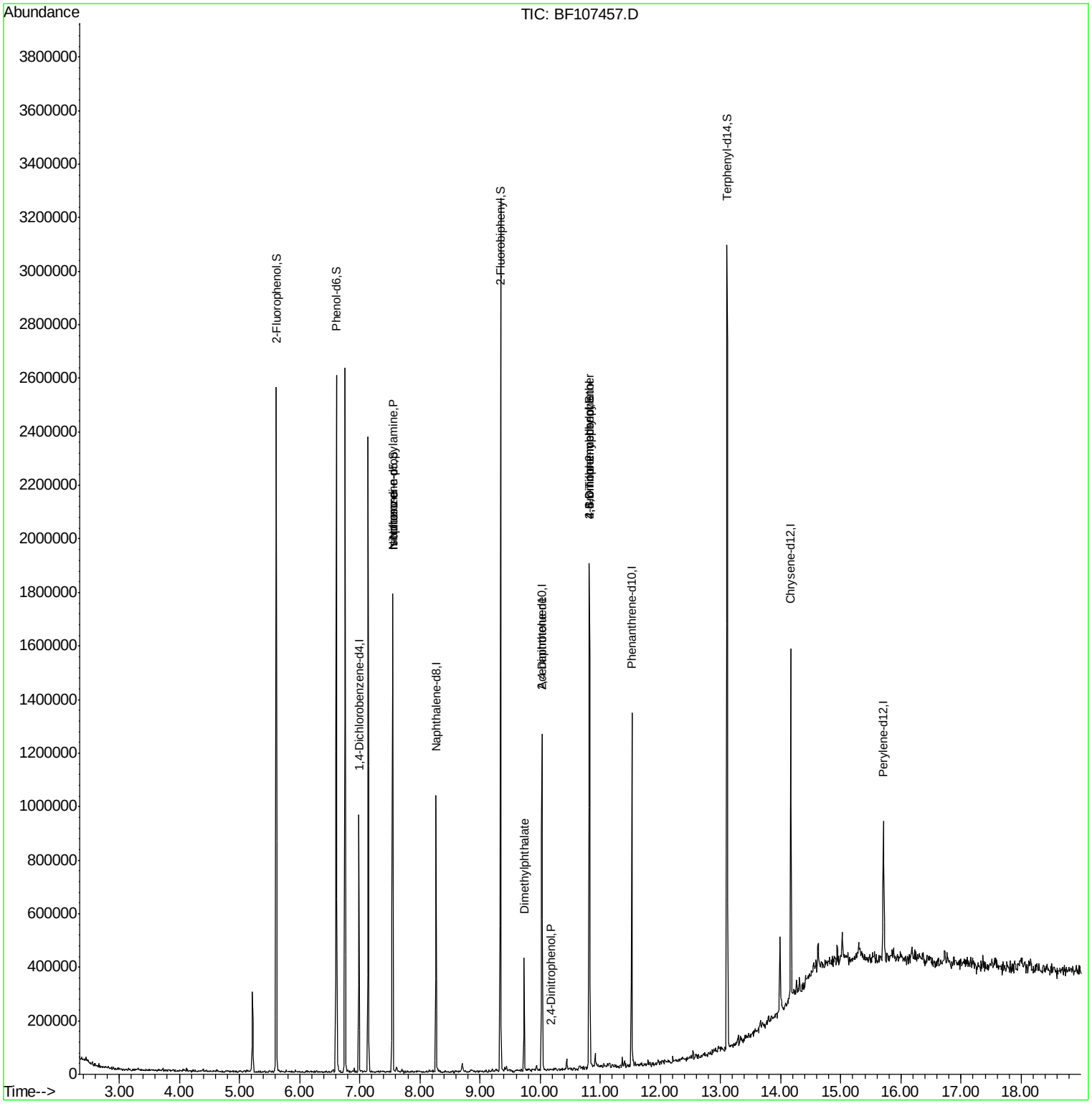
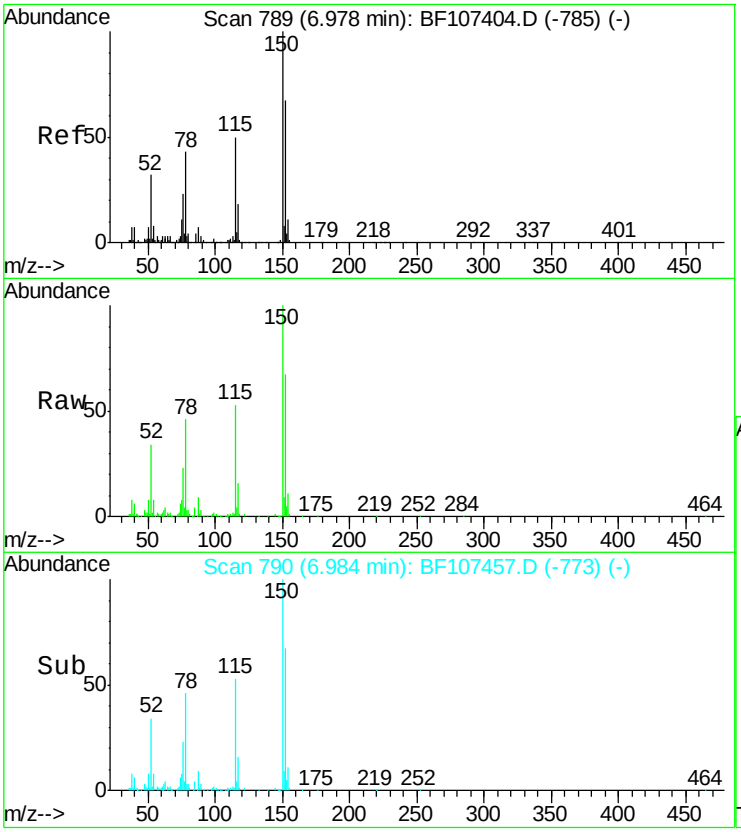


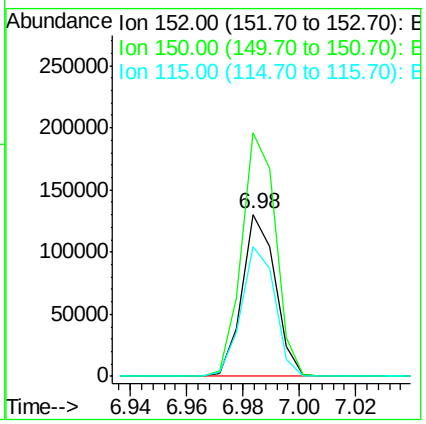


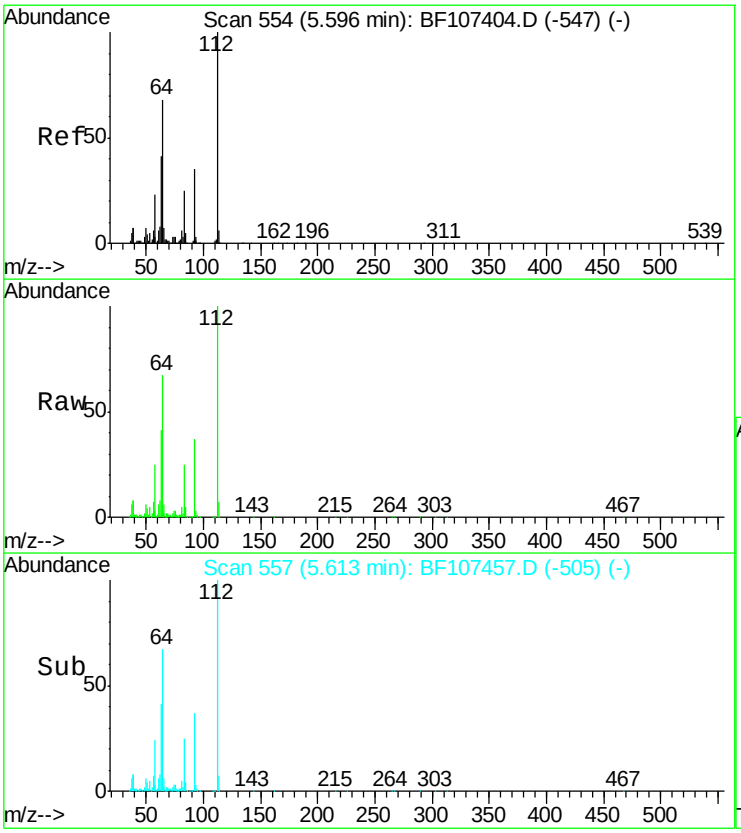
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF107457.D
Acq: 17 Jul 2018 18:47

Instrument :
BNA_F
ClientSampleId :
TP-I-S

Tgt Ion:152 Resp: 105959

Ion	Ratio	Lower	Upper
152	100		
150	150.1	124.6	186.8
115	79.7	50.1	75.1#

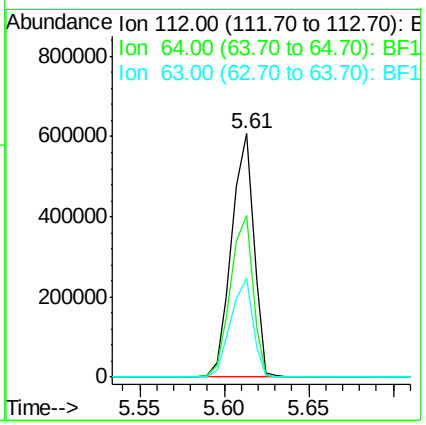


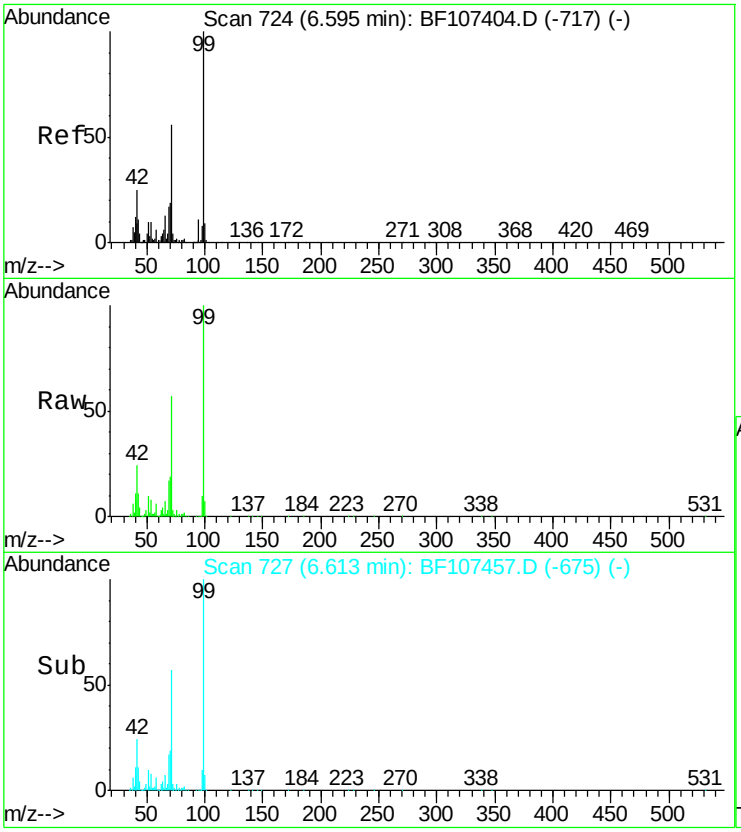


#5
2-Fluorophenol
Concen: 79.897 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107457.D
Acq: 17 Jul 2018 18:47

Tgt Ion:112 Resp: 557424

Ion	Ratio	Lower	Upper
112	100		
64	66.5	47.9	71.9
63	40.9	23.7	35.5#



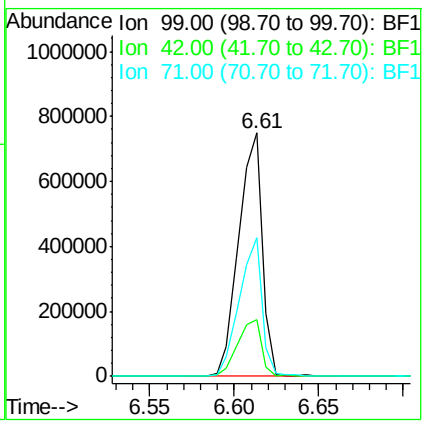


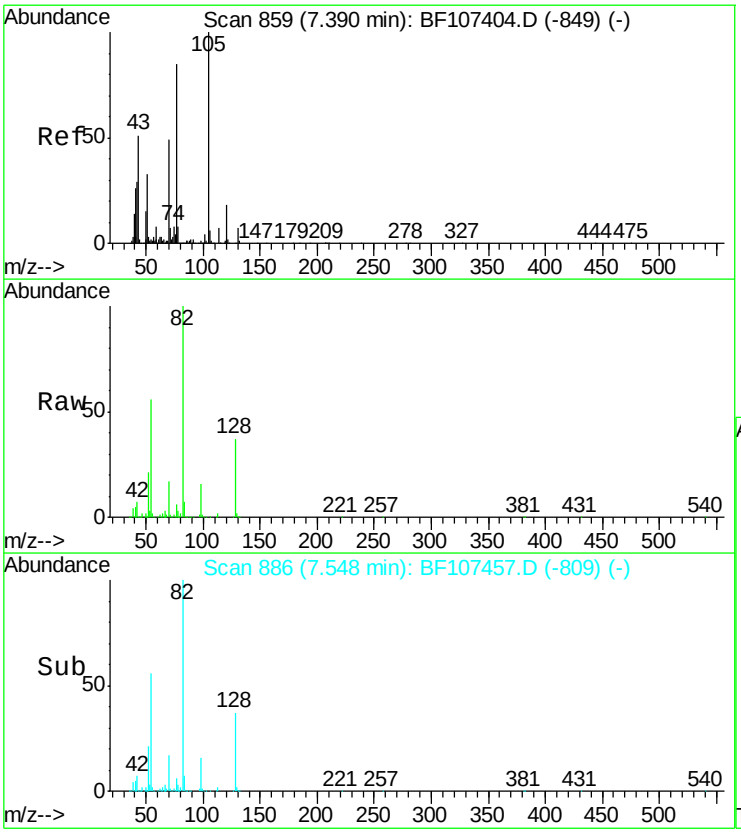
#7
Phenol-d6
Concen: 81.047 ng
RT: 6.61 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF107457.D
Acq: 17 Jul 2018 18:47

Instrument :
BNA_F
ClientSampleId :
TP-I-S

Tgt Ion: 99 Resp: 731053

Ion	Ratio	Lower	Upper
99	100		
42	23.5	14.5	21.7#
71	56.7	25.4	38.0#

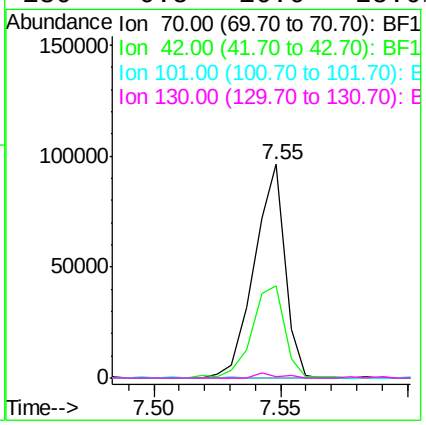


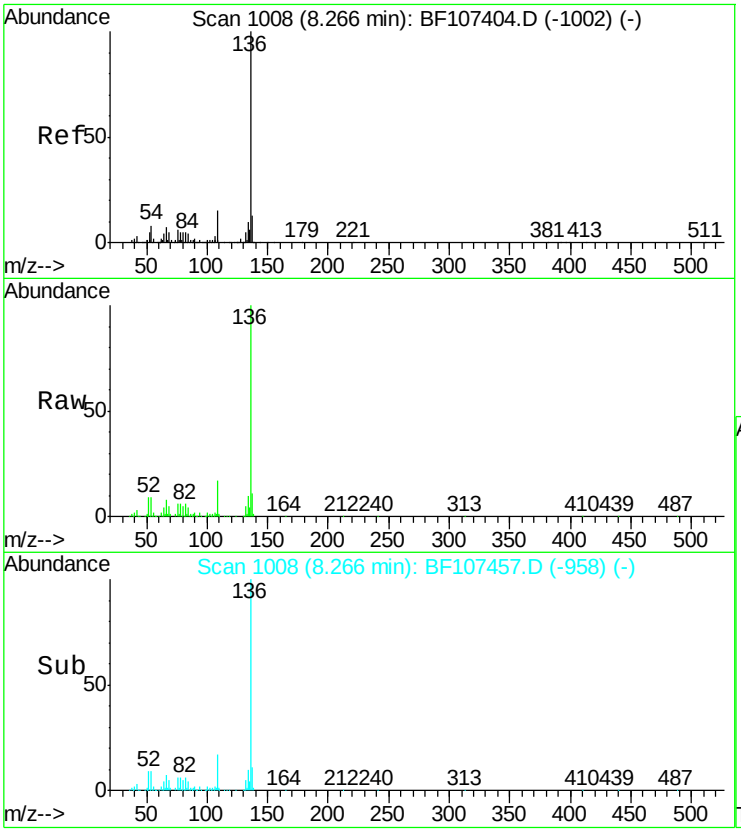


#19
n-Nitroso-di-n-propylamine
Concen: 12.587 ng
RT: 7.55 min Scan# 886
Delta R.T. 0.15 min
Lab File: BF107457.D
Acq: 17 Jul 2018 18:47

Tgt Ion: 70 Resp: 81295

Ion	Ratio	Lower	Upper
70	100		
42	43.3	47.5	71.3#
101	0.0	7.4	11.2#
130	0.5	16.6	25.0#



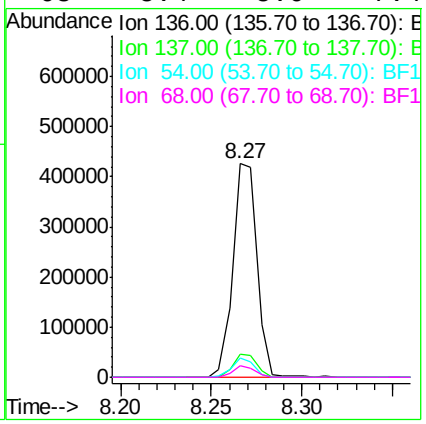


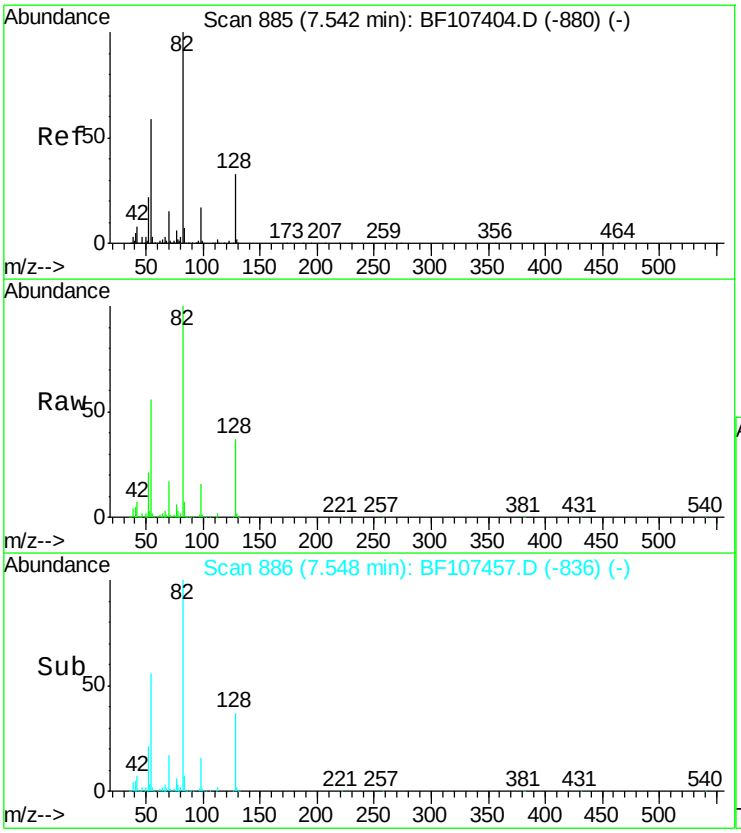
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF107457.D
Acq: 17 Jul 2018 18:47

Instrument :
BNA_F
ClientSampleId :
TP-I-S

Tgt Ion:136 Resp: 394617

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.2	6.6	9.8
68	5.4	5.0	7.4

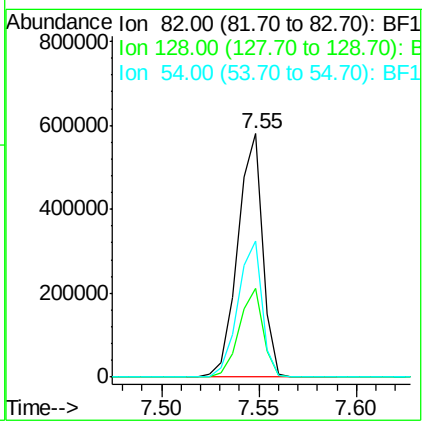


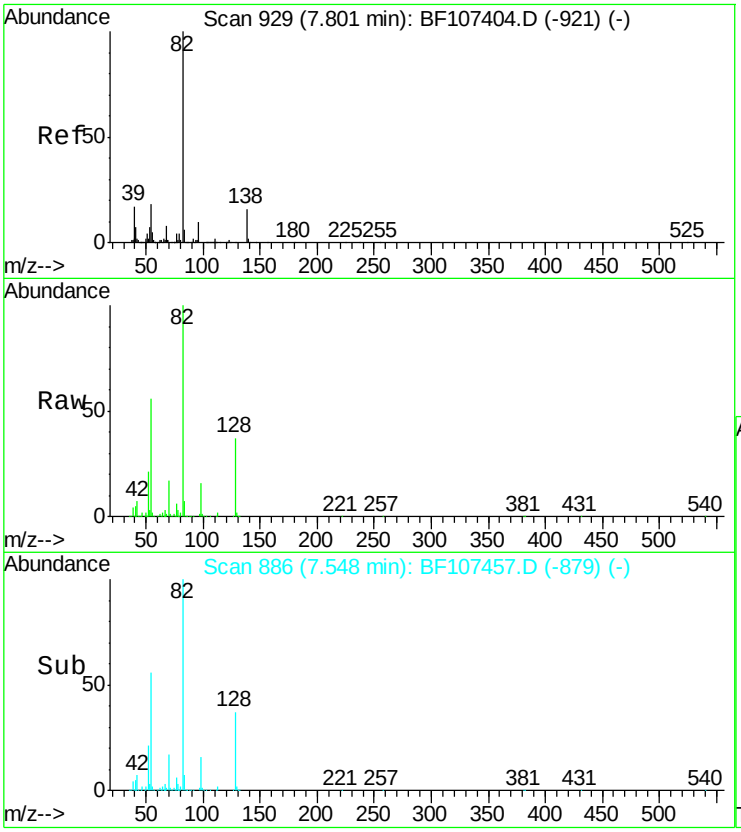


#23
Nitrobenzene-d5
Concen: 69.174 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF107457.D
Acq: 17 Jul 2018 18:47

Tgt Ion: 82 Resp: 511915

Ion	Ratio	Lower	Upper
82	100		
128	36.7	36.1	54.1
54	56.1	41.4	62.2



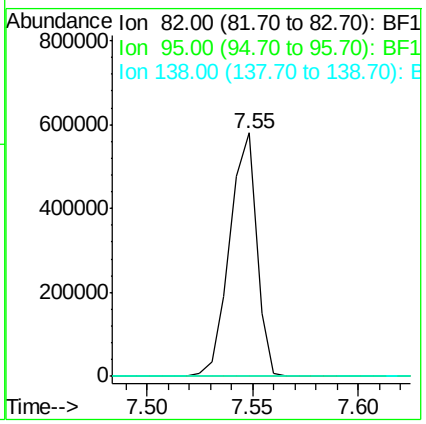


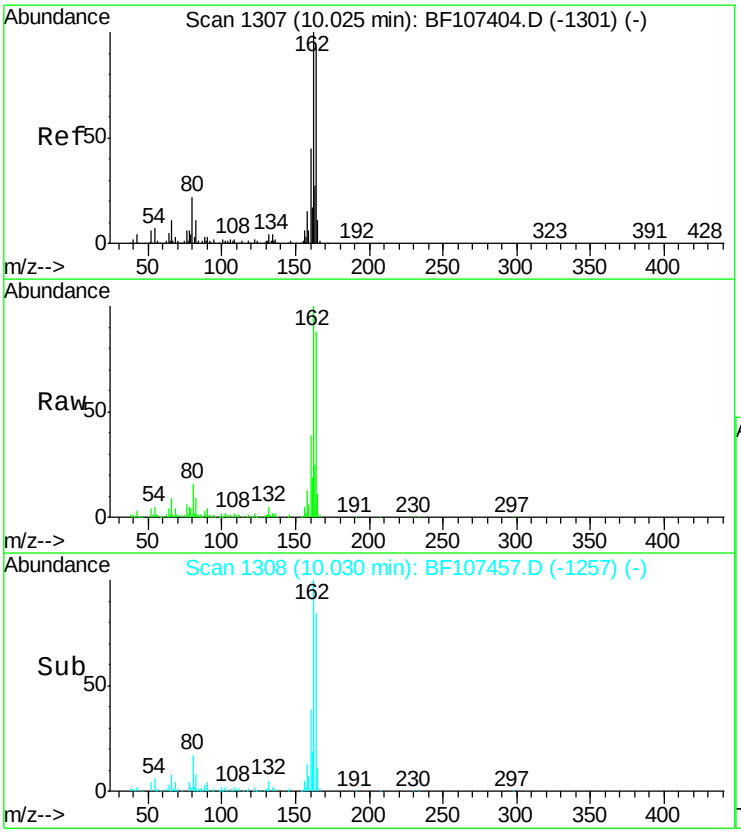
#25
Isophorone
Concen: 34.899 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF107457.D
Acq: 17 Jul 2018 18:47

Instrument :
BNA_F
ClientSampleId :
TP-I-S

Tgt Ion: 82 Resp: 511906

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

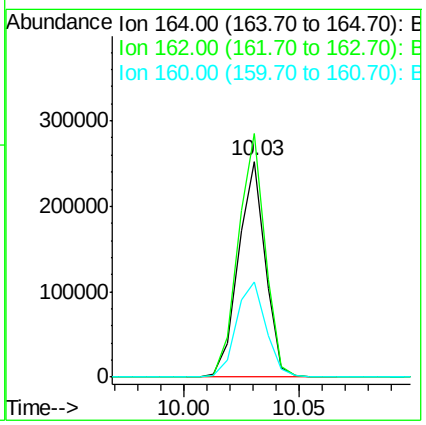


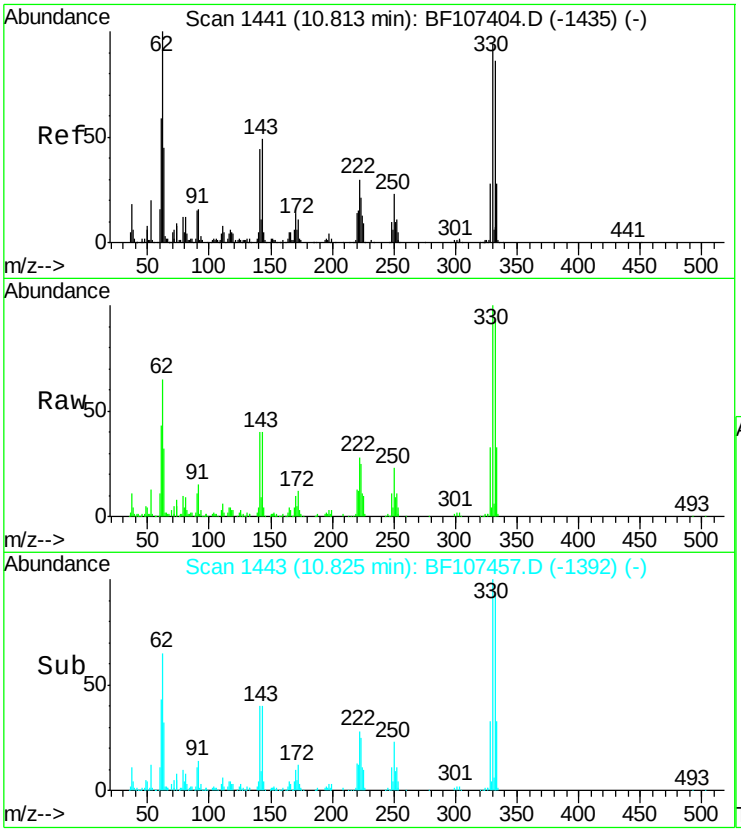


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF107457.D
Acq: 17 Jul 2018 18:47

Tgt Ion:164 Resp: 206273

Ion	Ratio	Lower	Upper
164	100		
162	113.0	86.1	129.1
160	44.1	38.3	57.5



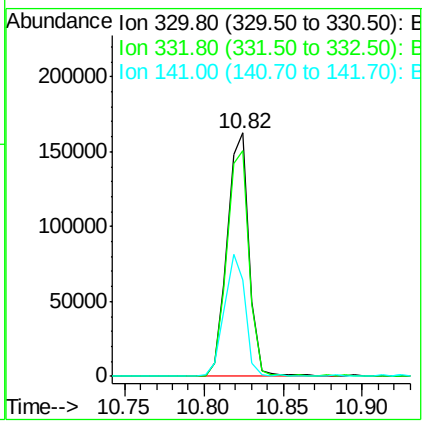


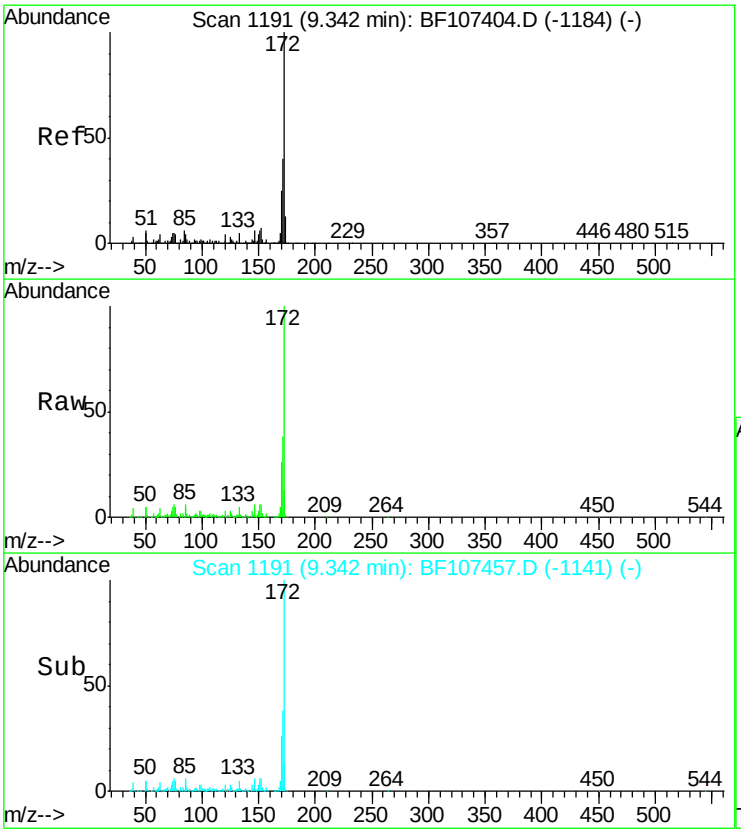
#41
2,4,6-Tribromophenol
Concen: 86.025 ng
RT: 10.82 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF107457.D
Acq: 17 Jul 2018 18:47

Instrument :
BNA_F
ClientSampleId :
TP-I-S

Tgt Ion:330 Resp: 155907

Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	47.8	29.9	44.9#

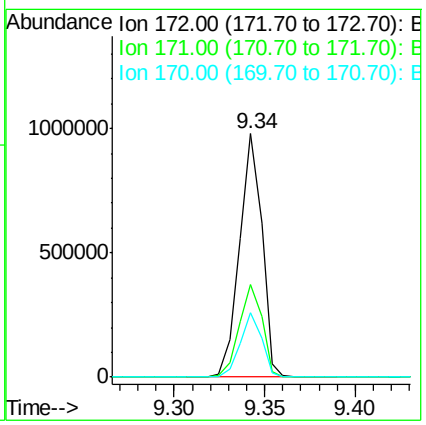


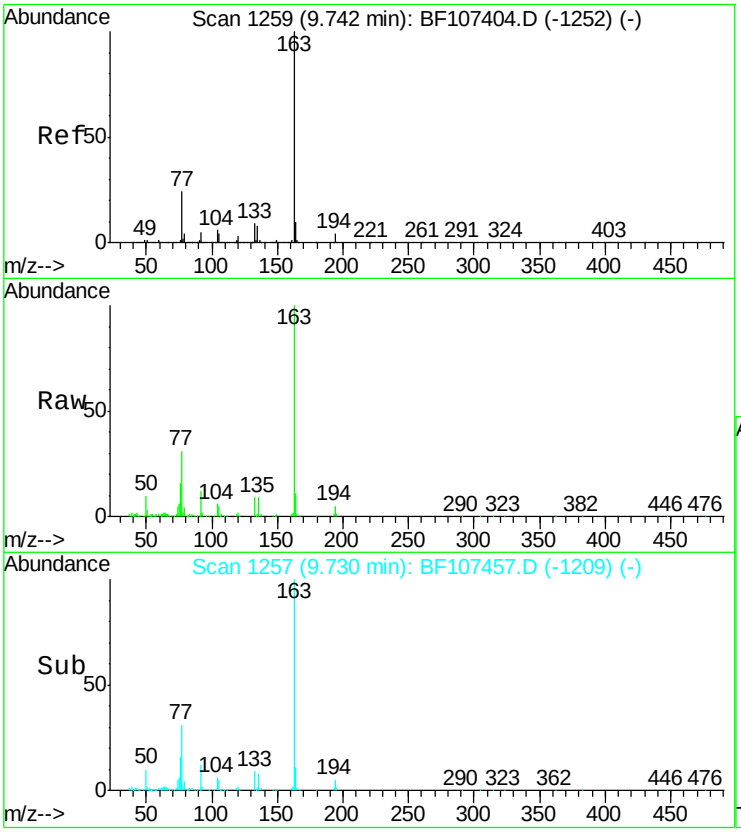


#44
2-Fluorobiphenyl
Concen: 65.902 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF107457.D
Acq: 17 Jul 2018 18:47

Tgt Ion:172 Resp: 845432

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.7	44.5
170	26.2	19.6	29.4



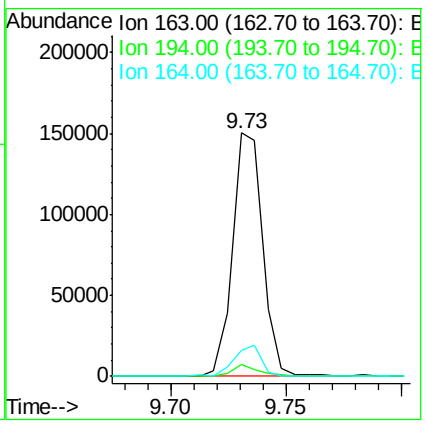


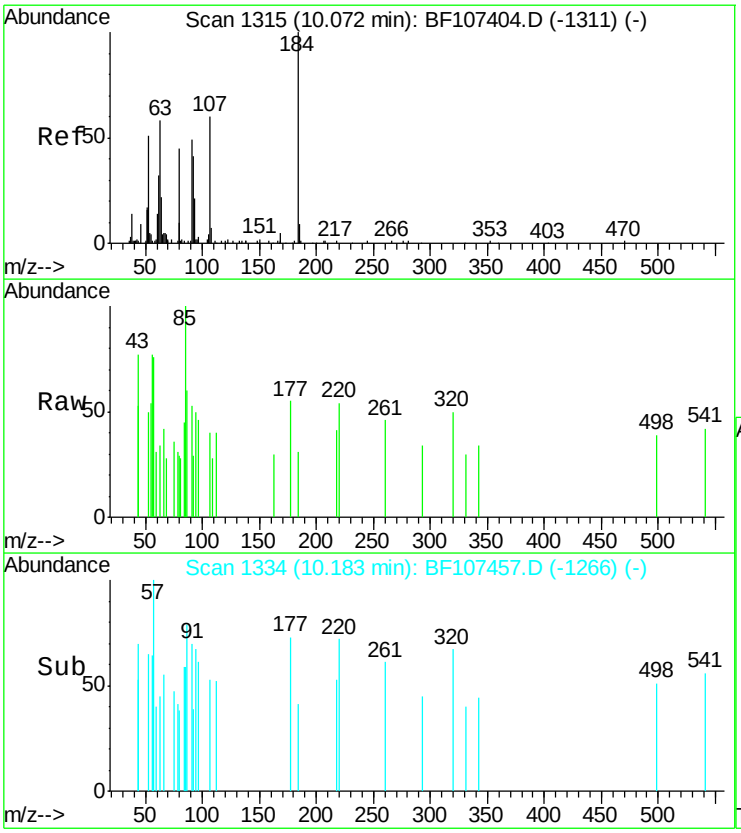
#49
Dimethylphthalate
Concen: 8.335 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF107457.D
Acq: 17 Jul 2018 18:47

Instrument :
BNA_F
ClientSampleId :
TP-I-S

Tgt Ion:163 Resp: 136599

Ion	Ratio	Lower	Upper
163	100		
194	4.7	2.7	4.1#
164	10.6	8.2	12.2

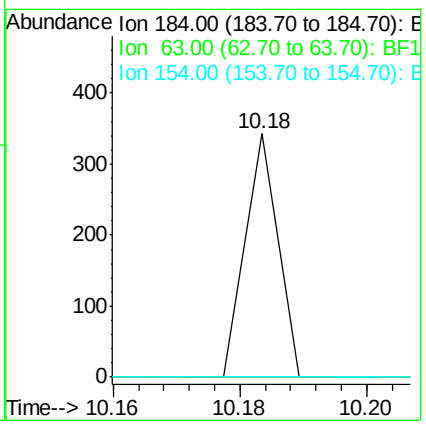


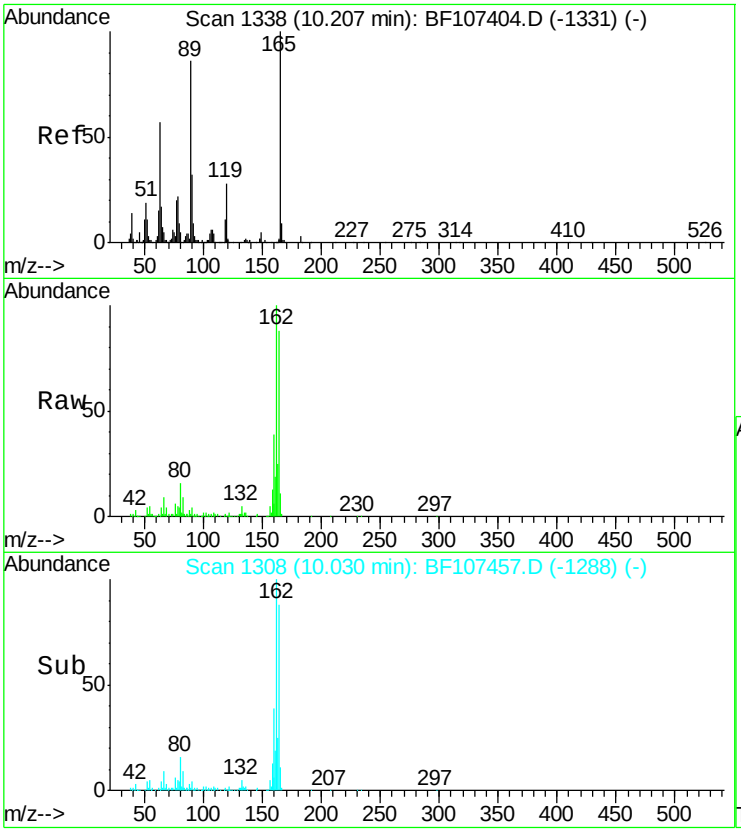


#53
2,4-Dinitrophenol
Concen: 2.408 ng
RT: 10.18 min Scan# 1334
Delta R.T. 0.10 min
Lab File: BF107457.D
Acq: 17 Jul 2018 18:47

Tgt Ion:184 Resp: 121

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



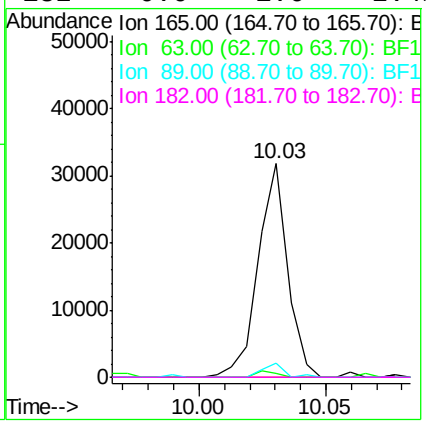


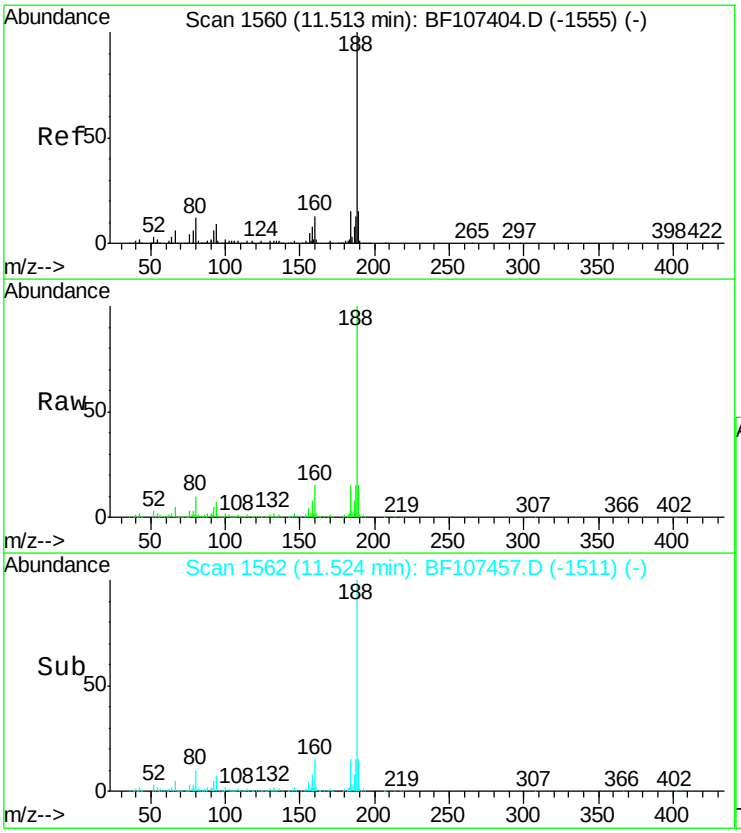
#56
2,4-Dinitrotoluene
Concen: 6.315 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.18 min
Lab File: BF107457.D
Acq: 17 Jul 2018 18:47

Instrument :
BNA_F
ClientSampleId :
TP-I-S

Tgt Ion:165 Resp: 25742

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	6.5	57.8	86.6#
182	0.0	1.6	2.4#

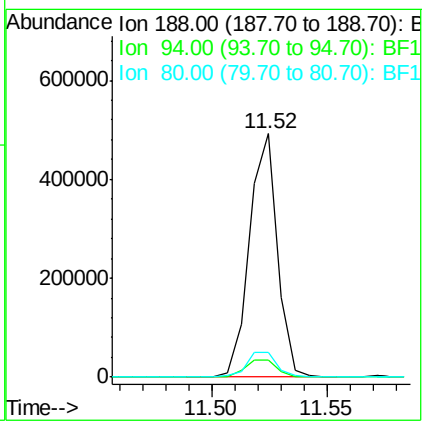


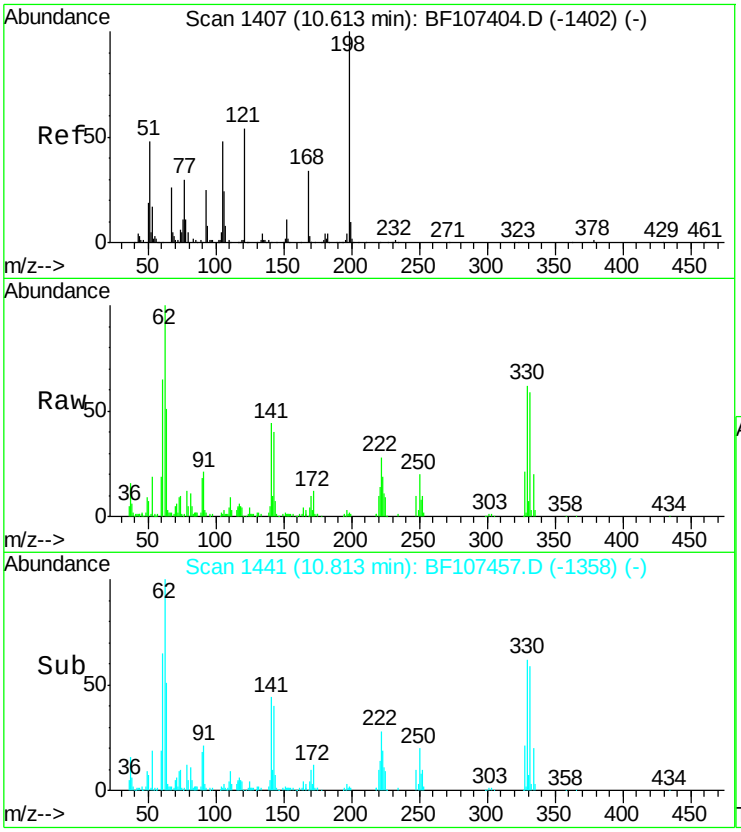


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF107457.D
Acq: 17 Jul 2018 18:47

Tgt Ion:188 Resp: 416709

Ion	Ratio	Lower	Upper
188	100		
94	6.8	8.5	12.7#
80	10.1	9.2	13.8



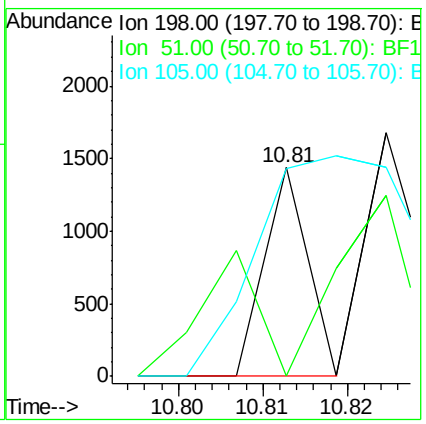


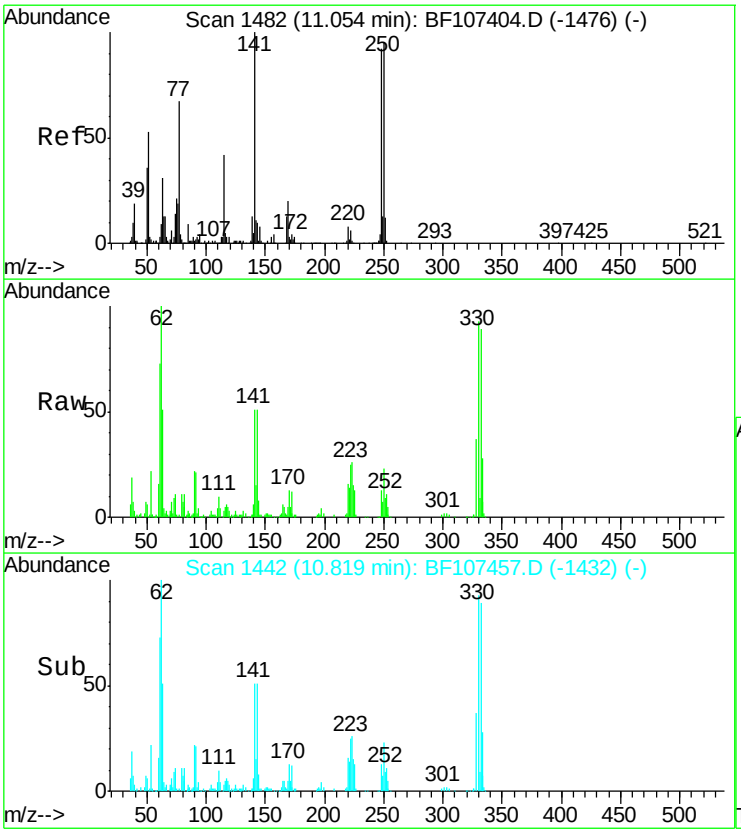
#64
4,6-Dinitro-2-methylphenol
Concen: 7.681 ng
RT: 10.81 min Scan# 1441
Delta R.T. 0.19 min
Lab File: BF107457.D
Acq: 17 Jul 2018 18:47

Instrument :
BNA_F
ClientSampleId :
TP-I-S

Tgt Ion:198 Resp: 508

Ion	Ratio	Lower	Upper
198	100		
51	0.0	37.7	77.7#
105	45.4	36.3	76.3

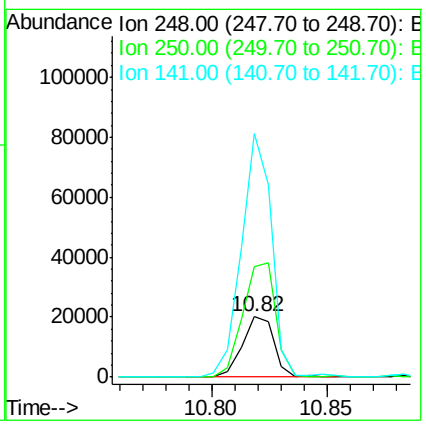


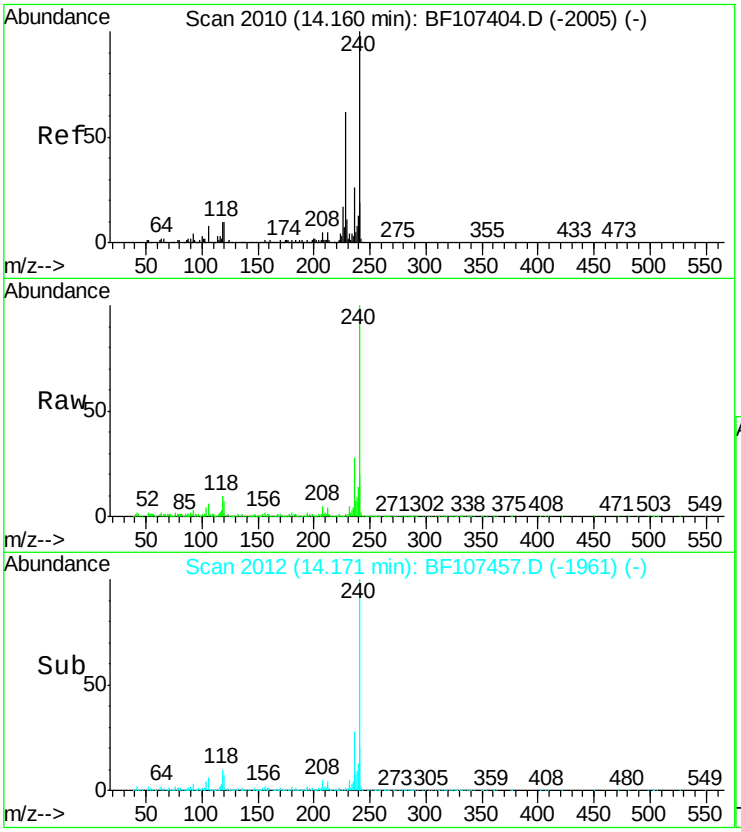


#66
4-Bromophenyl-phenylether
Concen: 4.075 ng
RT: 10.82 min Scan# 1442
Delta R.T. -0.24 min
Lab File: BF107457.D
Acq: 17 Jul 2018 18:47

Tgt Ion:248 Resp: 19426

Ion	Ratio	Lower	Upper
248	100		
250	183.8	76.9	115.3#
141	404.5	74.4	111.6#



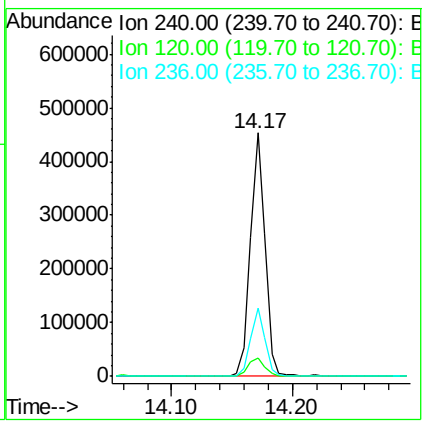


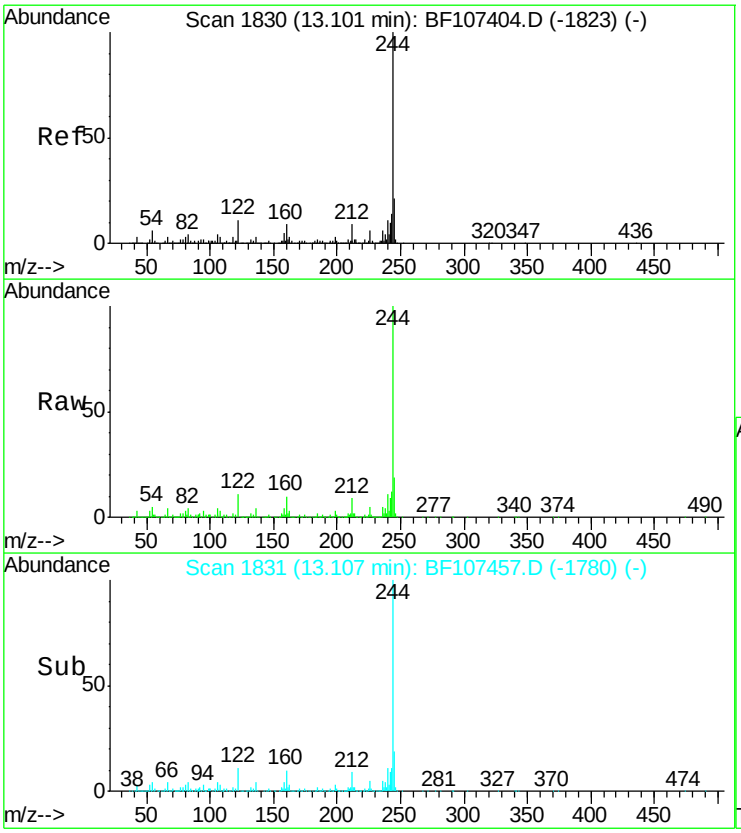
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF107457.D
Acq: 17 Jul 2018 18:47

Instrument :
BNA_F
ClientSampleId :
TP-I-S

Tgt Ion:240 Resp: 387463

Ion	Ratio	Lower	Upper
240	100		
120	7.4	9.5	14.3#
236	27.8	20.7	31.1

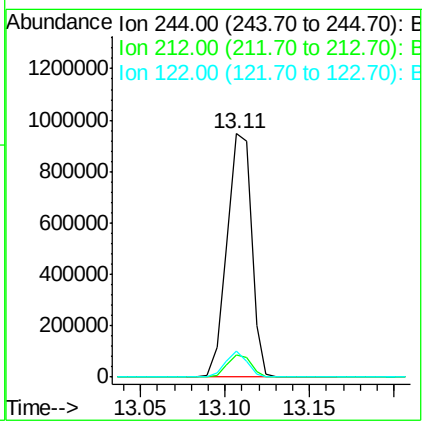


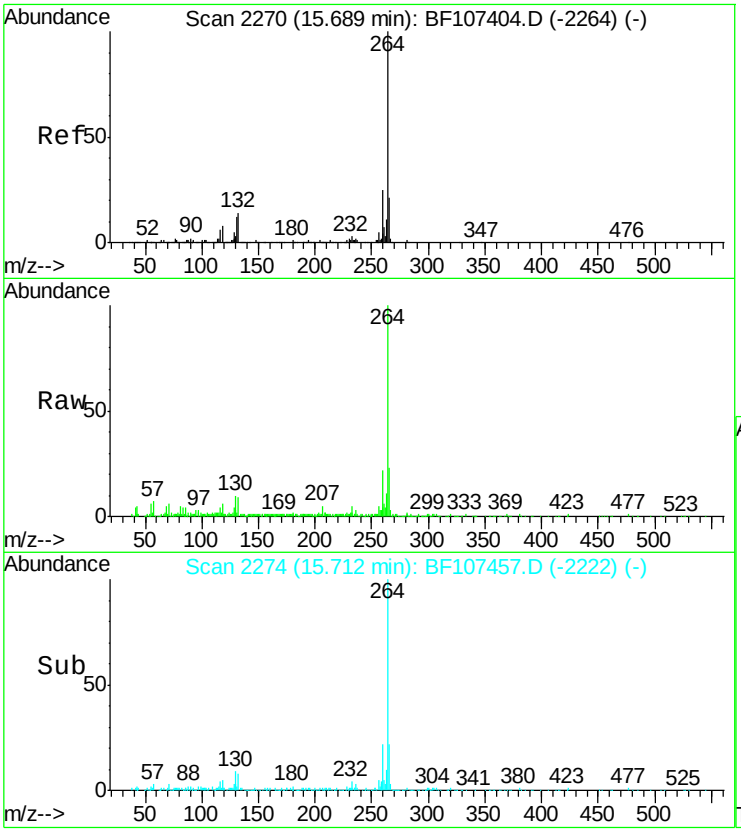


#78
Terphenyl-d14
Concen: 61.232 ng
RT: 13.11 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF107457.D
Acq: 17 Jul 2018 18:47

Tgt Ion:244 Resp: 954892

Ion	Ratio	Lower	Upper
244	100		
212	9.3	5.4	8.0#
122	10.5	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF107457.D
Acq: 17 Jul 2018 18:47

Instrument :
BNA_F
ClientSampleId :
TP-I-S

Tgt Ion:264 Resp: 233814

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	22.6	17.5	26.3