Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107497.D
Acq On : 19 Jul 2018 6:16
Operator : JU/SJ
Sample : J4027-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 19 06:40:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 11:55:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	119429	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	448998	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	218108	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	413238	20.00	ng		0.00
75) Chrysene-d12	14.17	240	323508	20.00	ng		-0.01
86) Perylene-d12	15.71	264	301617	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	644504	81.96	ng		0.00
7) Phenol-d6	6.61	99	827666	81.41	ng		0.00
23) Nitrobenzene-d5	7.55	82	637893	75.76	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	185831	96.97	ng		-0.01
44) 2-Fluorobiphenyl	9.34	172	1099036	83.87	ng		0.00
78) Terphenyl-d14	13.11	244	963143	73.97	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.75	77	24034	2.939	ng		90
19) n-Nitroso-di-n-propylamine	7.55	70	107032	14.703	ng	#	74
25) Isophorone	7.55	82	637313	38.186	ng	#	64
49) Dimethylphthalate	9.73	163	261960	15.116	ng		99
53) 2,4-Dinitrophenol	10.08	184	115	2.391	ng	#	1
56) 2,4-Dinitrotoluene	10.02	165	27472	6.374	ng	#	26
64) 4,6-Dinitro-2-methylphenol	10.82	198	1050	7.889	ng	#	1
66) 4-Bromophenyl-phenylether	10.82	248	24190	5.117	ng	#	1

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

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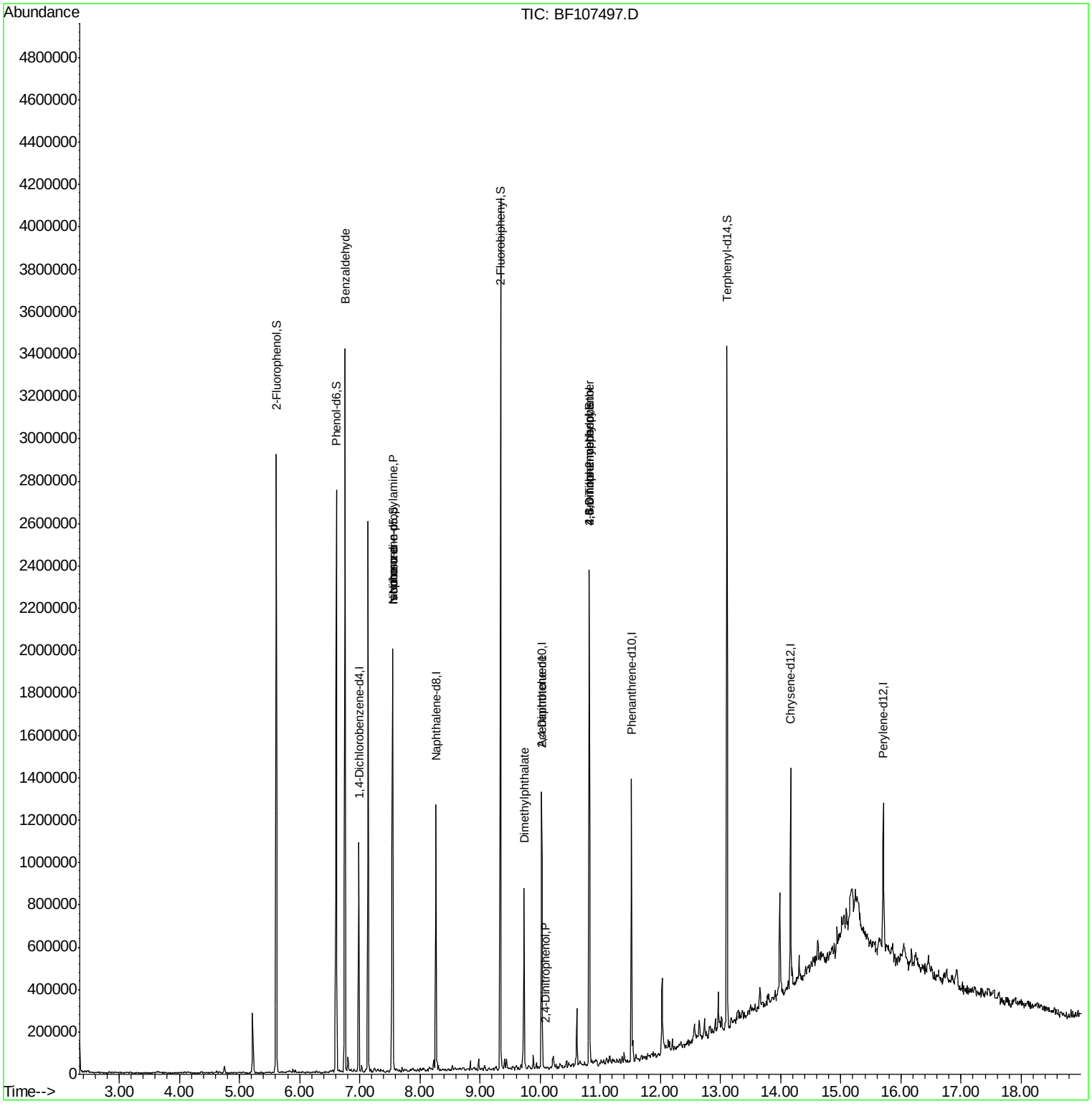
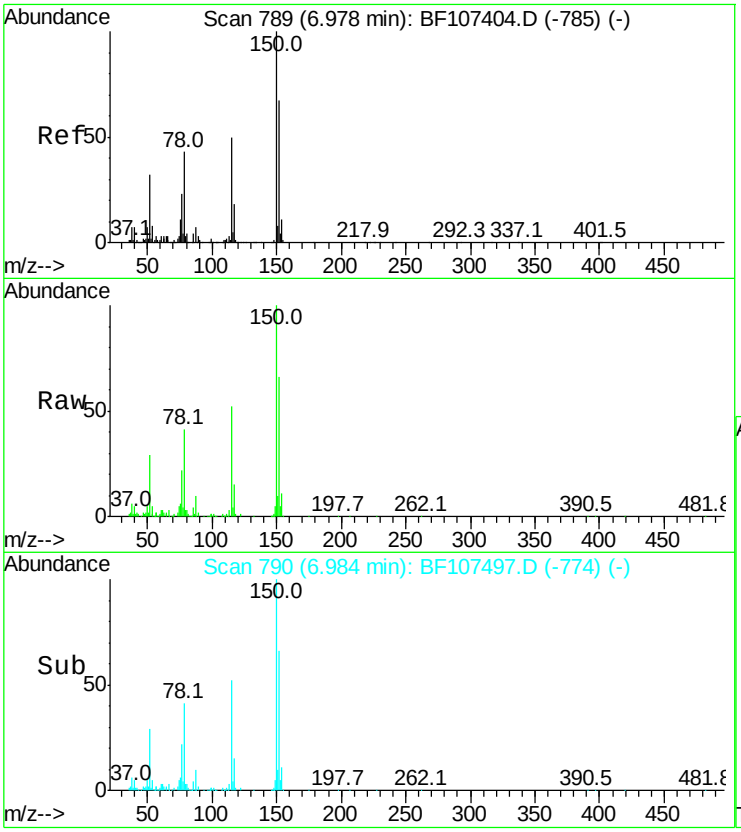


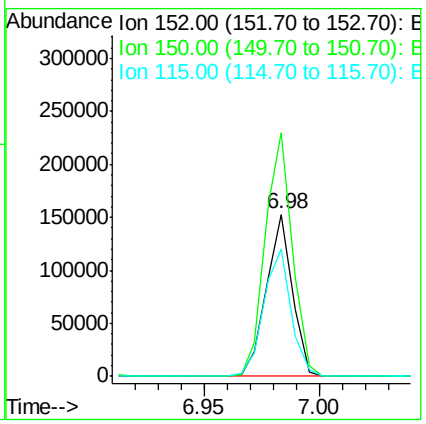


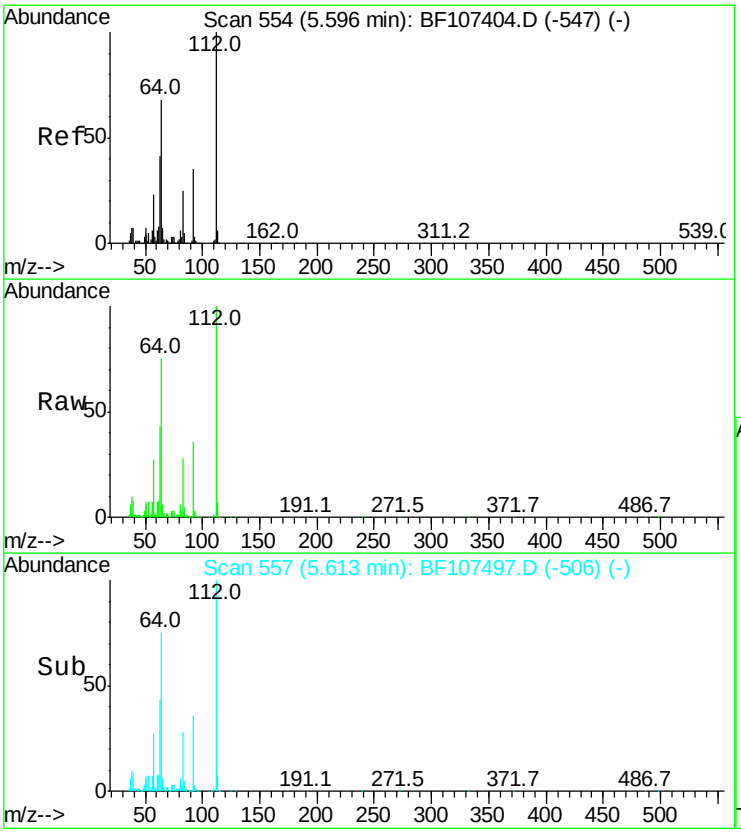
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF107497.D
Acq: 19 Jul 2018 6:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 119429

Ion	Ratio	Lower	Upper
152	100		
150	150.6	124.6	186.8
115	79.0	50.1	75.1#

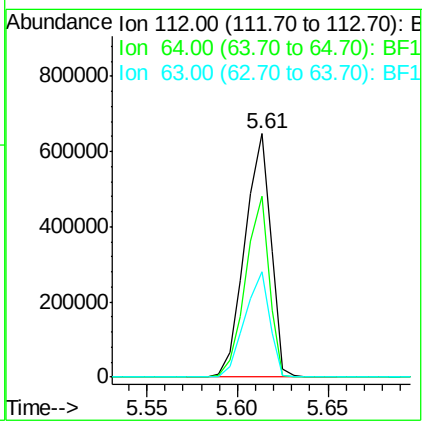


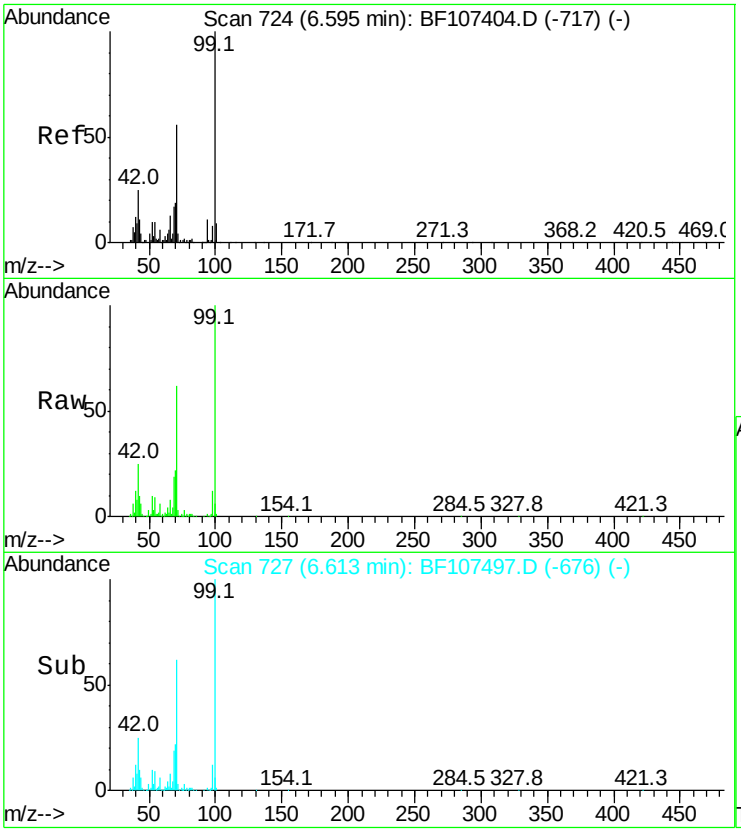


#5
2-Fluorophenol
Concen: 81.960 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF107497.D
Acq: 19 Jul 2018 6:16

Tgt Ion:112 Resp: 644504

Ion	Ratio	Lower	Upper
112	100		
64	74.6	47.9	71.9#
63	43.1	23.7	35.5#



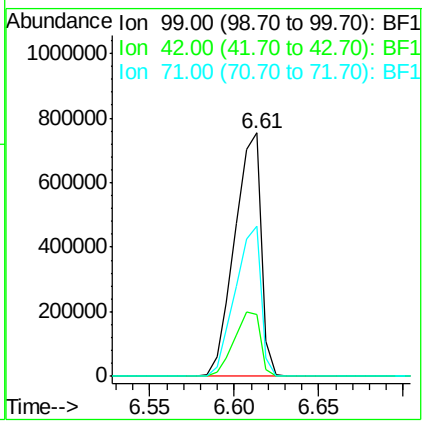


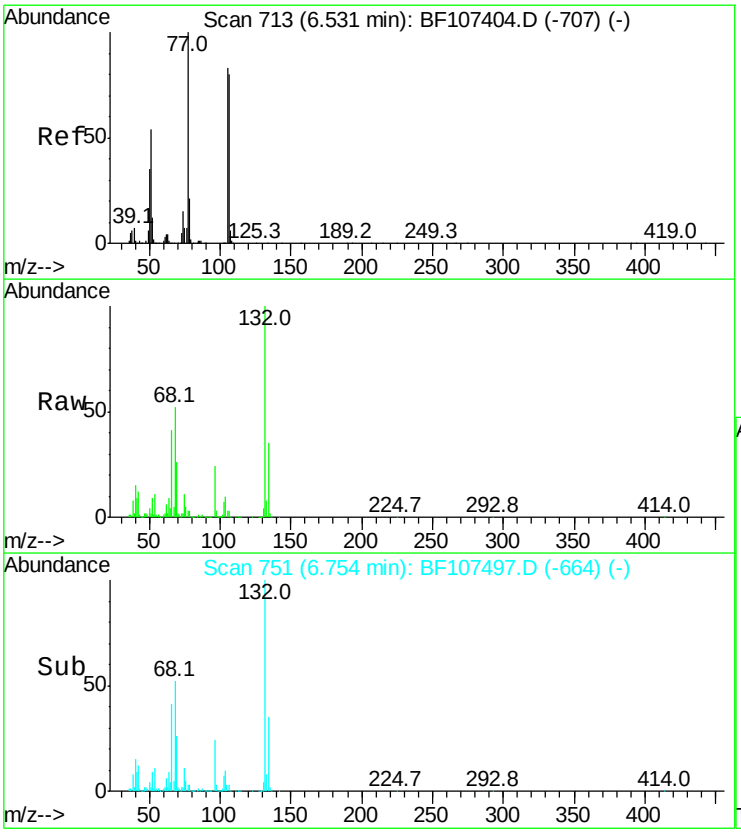
#7
Phenol-d6
Concen: 81.408 ng
RT: 6.61 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF107497.D
Acq: 19 Jul 2018 6:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 827666

Ion	Ratio	Lower	Upper
99	100		
42	25.4	14.5	21.7#
71	61.7	25.4	38.0#

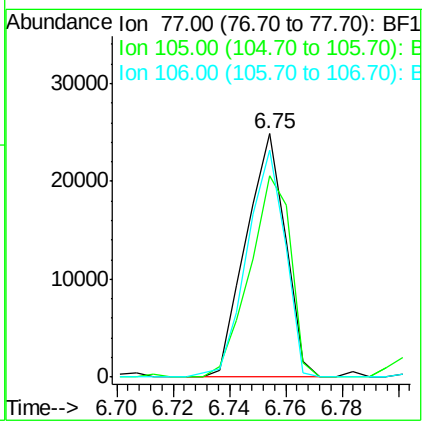


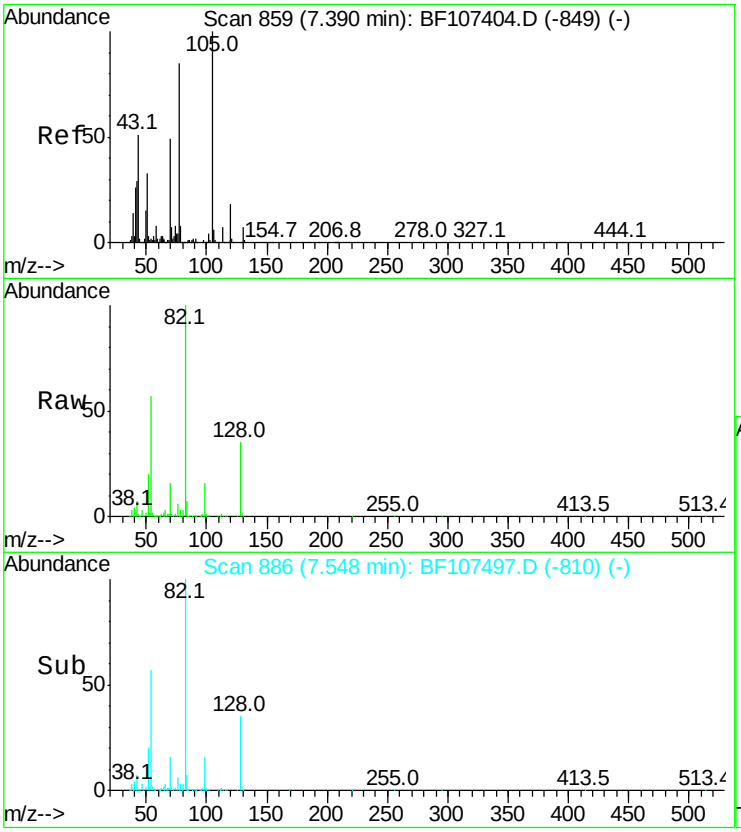


#9
Benzaldehyde
Concen: 2.939 ng
RT: 6.75 min Scan# 751
Delta R.T. 0.21 min
Lab File: BF107497.D
Acq: 19 Jul 2018 6:16

Tgt Ion: 77 Resp: 24034

Ion	Ratio	Lower	Upper
77	100		
105	83.0	81.1	121.1
106	93.1	74.5	114.5



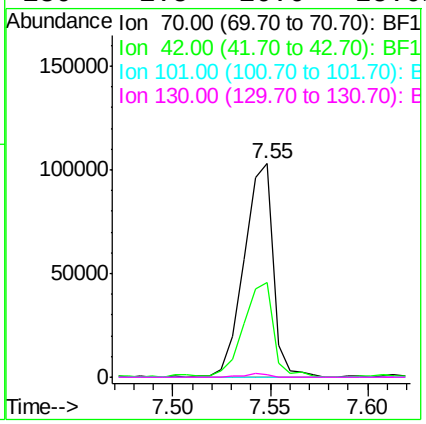


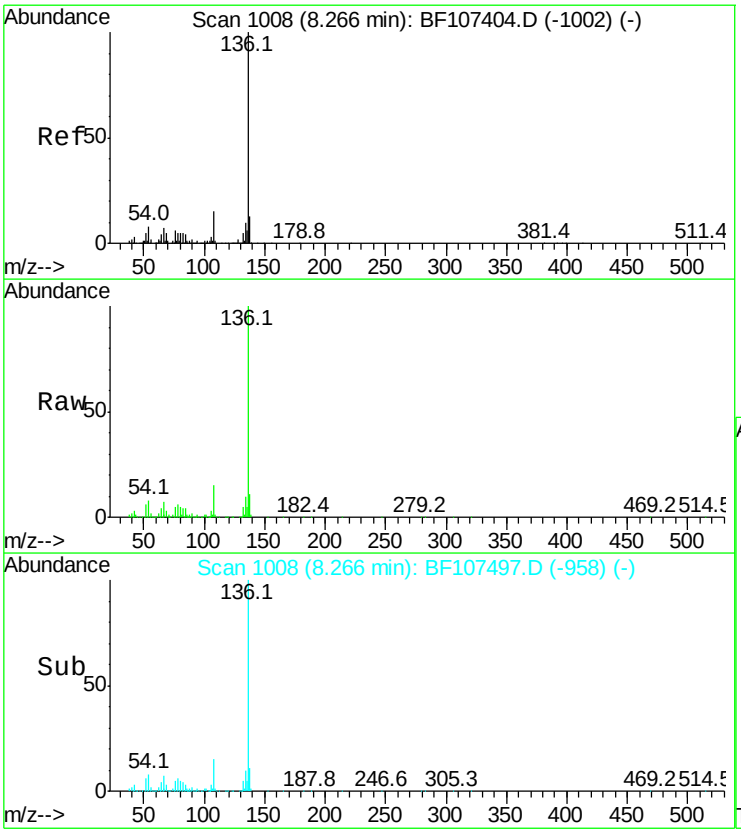
#19
n-Nitroso-di-n-propylamine
Concen: 14.703 ng
RT: 7.55 min Scan# 886
Delta R.T. 0.15 min
Lab File: BF107497.D
Acq: 19 Jul 2018 6:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 107032

Ion	Ratio	Lower	Upper
70	100		
42	44.1	47.5	71.3#
101	0.0	7.4	11.2#
130	1.5	16.6	25.0#

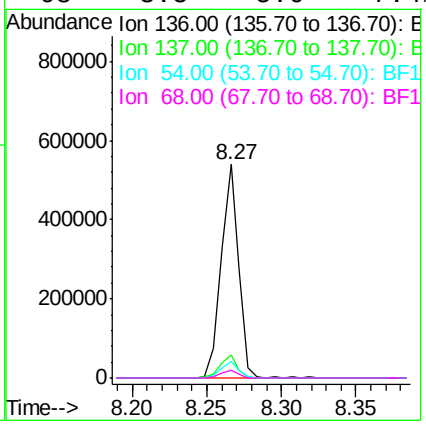


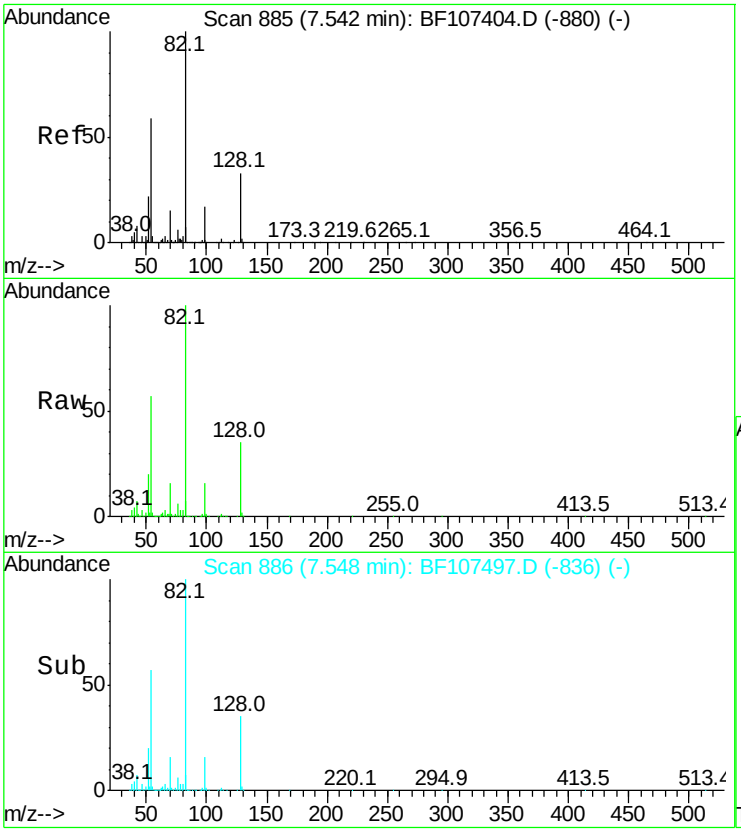


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF107497.D
Acq: 19 Jul 2018 6:16

Tgt Ion:136 Resp: 448998

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.0	6.6	9.8
68	3.5	5.0	7.4#



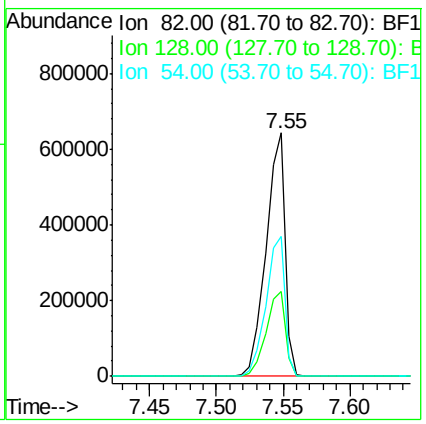


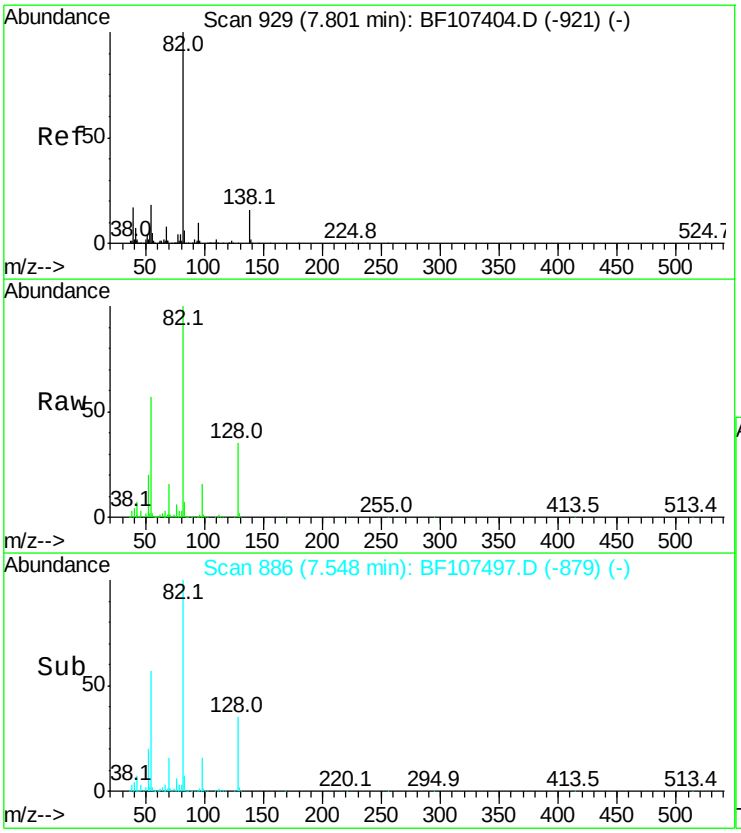
#23
Nitrobenzene-d5
Concen: 75.758 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF107497.D
Acq: 19 Jul 2018 6:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 637893

Ion	Ratio	Lower	Upper
82	100		
128	34.9	36.1	54.1#
54	57.2	41.4	62.2

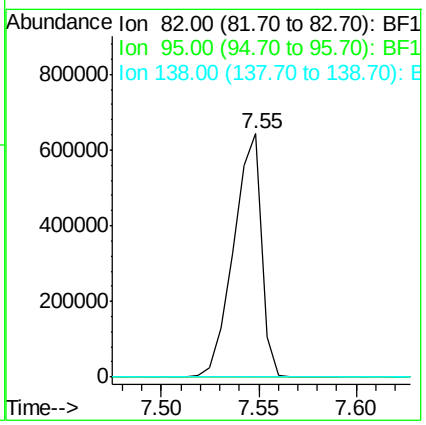


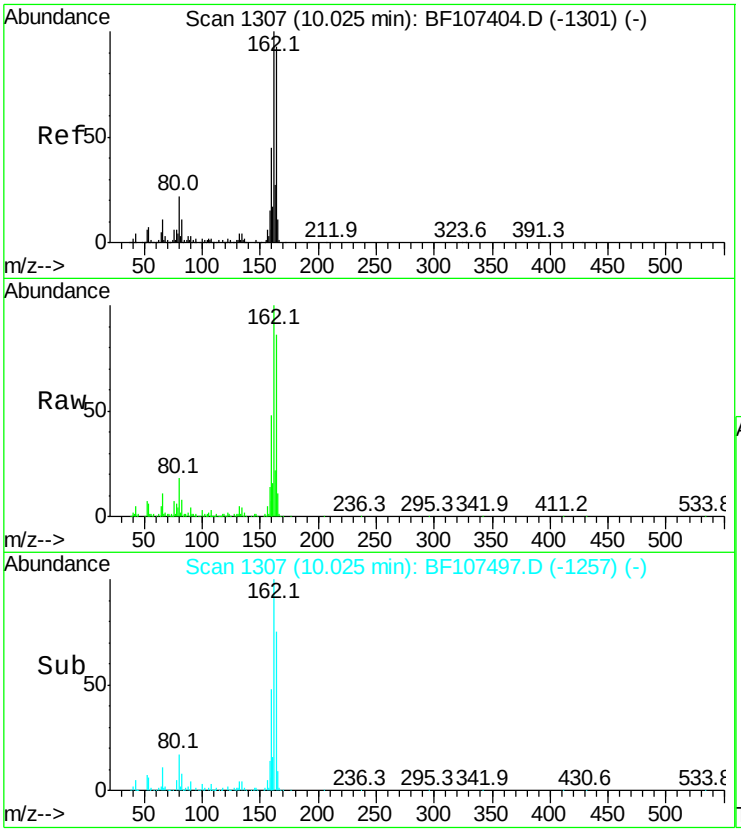


#25
Isophorone
Concen: 38.186 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF107497.D
Acq: 19 Jul 2018 6:16

Tgt Ion: 82 Resp: 637313

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



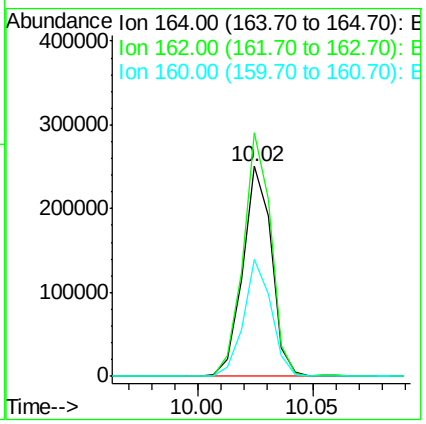


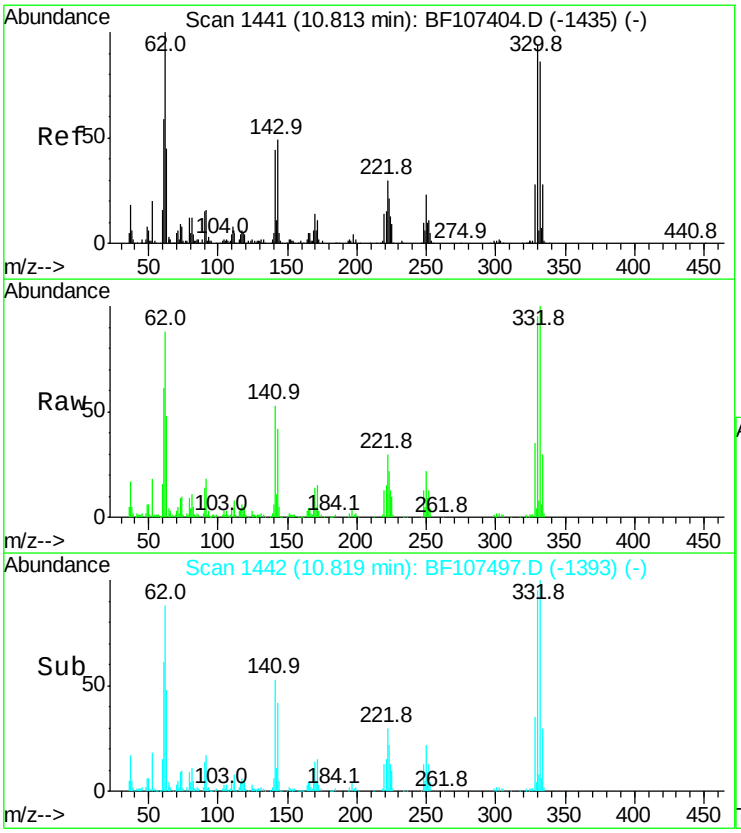
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF107497.D
Acq: 19 Jul 2018 6:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 218108

Ion	Ratio	Lower	Upper
164	100		
162	115.8	86.1	129.1
160	55.4	38.3	57.5

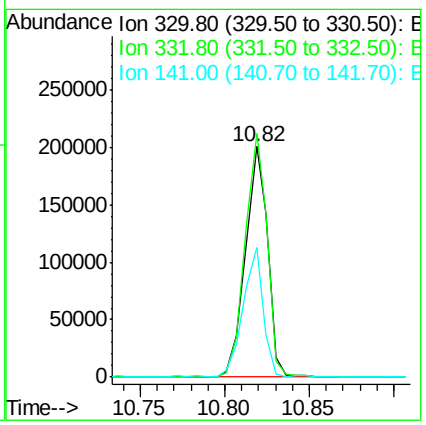


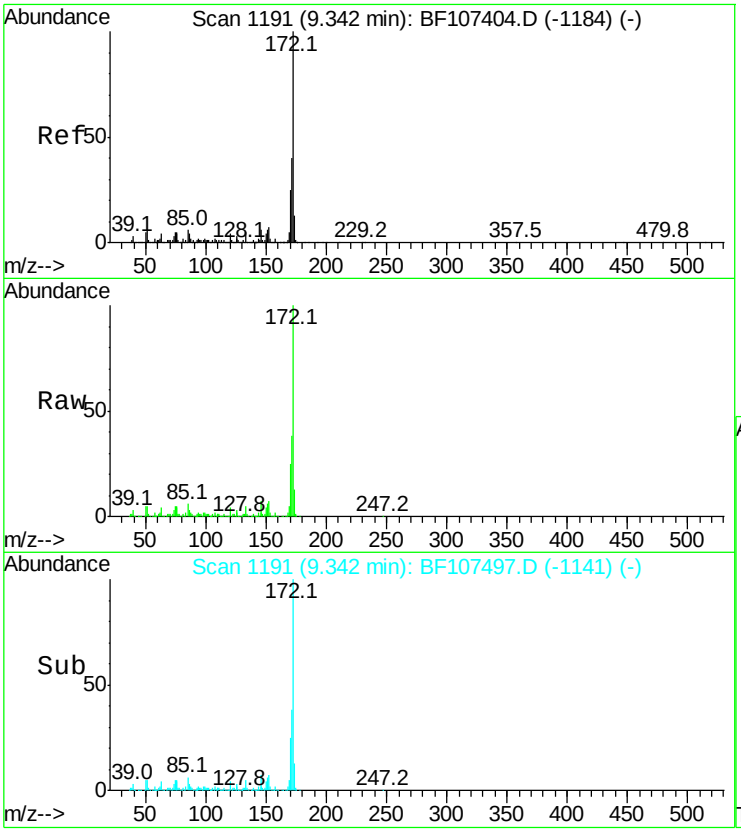


#41
2,4,6-Tribromophenol
Concen: 96.972 ng
RT: 10.82 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF107497.D
Acq: 19 Jul 2018 6:16

Tgt Ion:330 Resp: 185831

Ion	Ratio	Lower	Upper
330	100		
332	103.8	77.0	115.6
141	51.6	29.9	44.9#



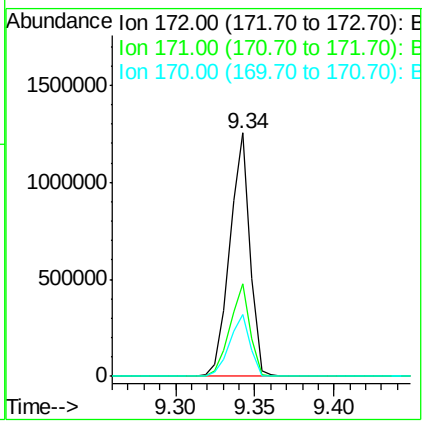


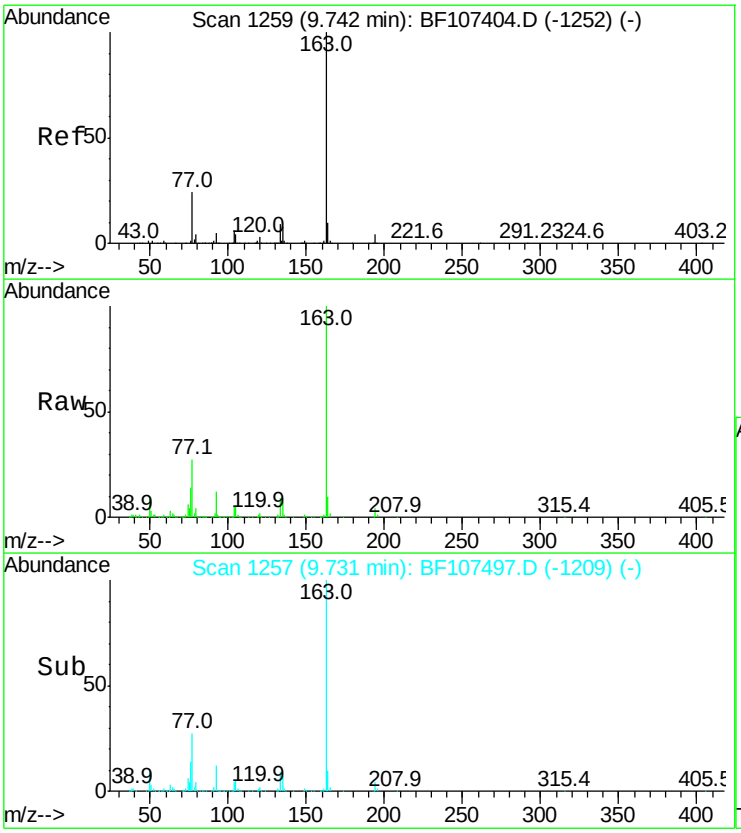
#44
2-Fluorobiphenyl
Concen: 83.873 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF107497.D
Acq: 19 Jul 2018 6:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1099036

Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.7	44.5
170	25.2	19.6	29.4

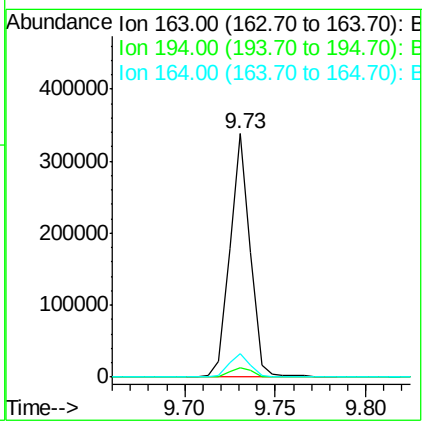


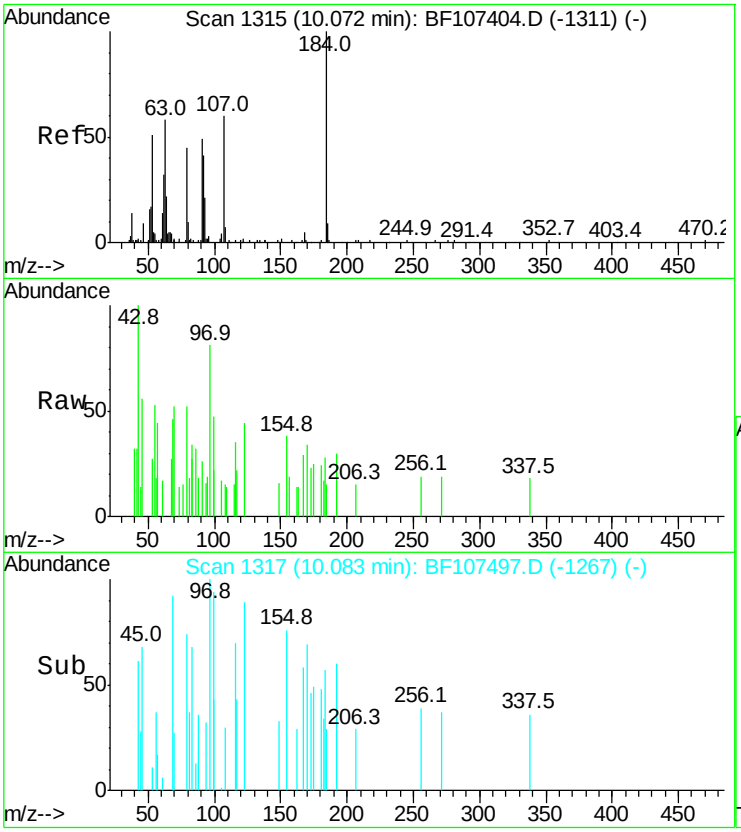


#49
Dimethylphthalate
Concen: 15.116 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF107497.D
Acq: 19 Jul 2018 6:16

Tgt Ion:163 Resp: 261960

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.7	8.2	12.2



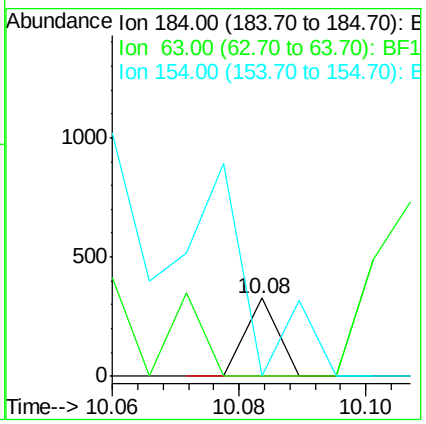


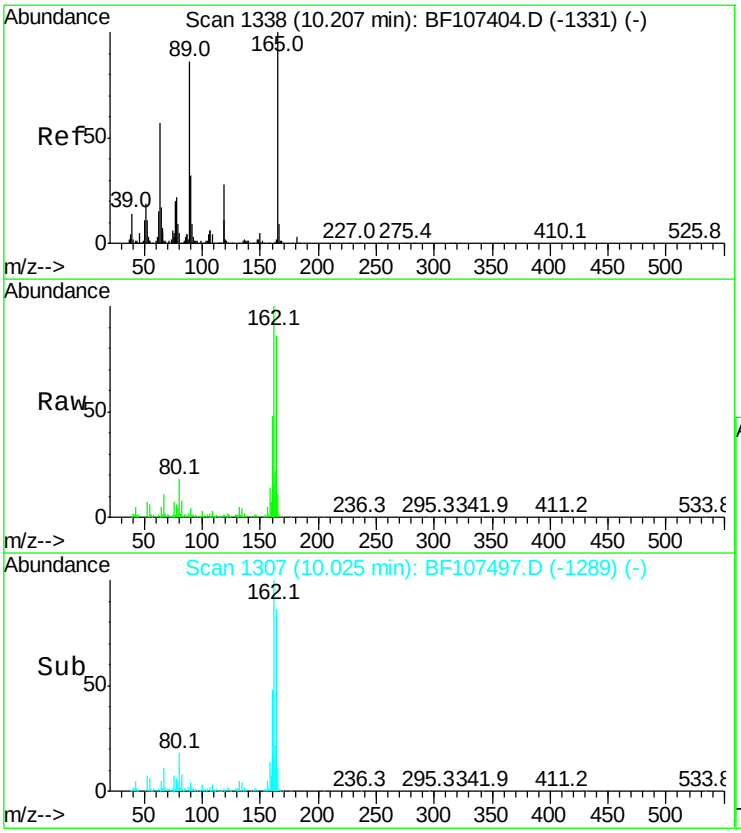
#53
2,4-Dinitrophenol
Concen: 2.391 ng
RT: 10.08 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF107497.D
Acq: 19 Jul 2018 6:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 115

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

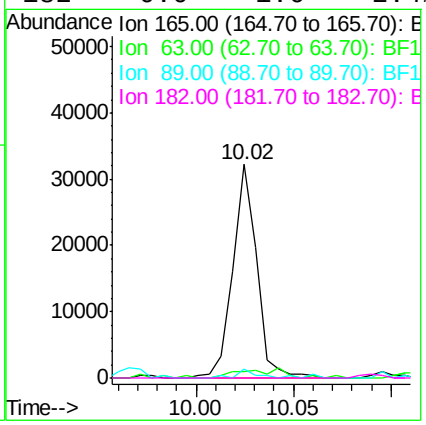


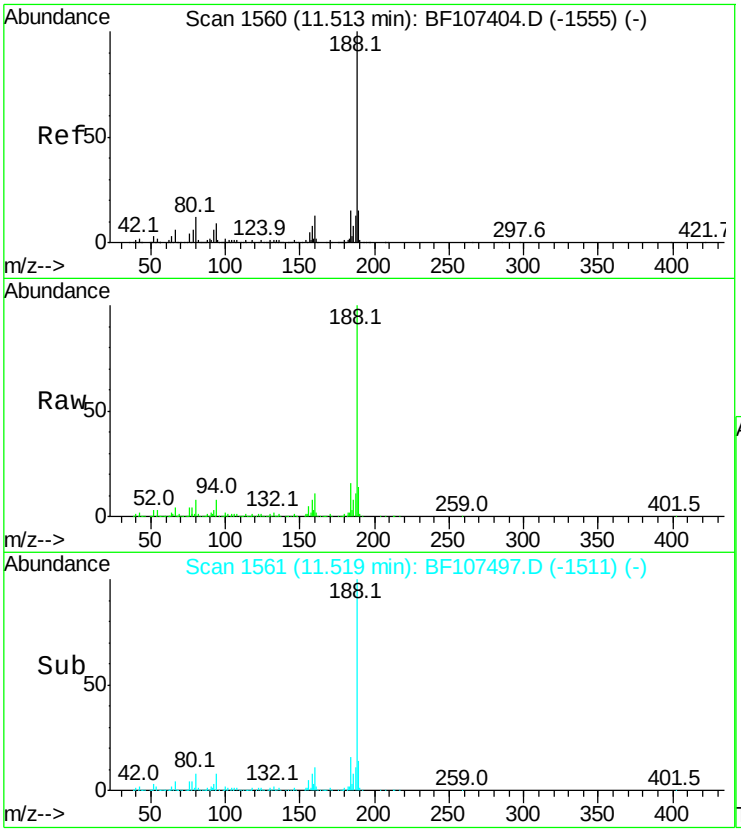


#56
2,4-Dinitrotoluene
Concen: 6.374 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.19 min
Lab File: BF107497.D
Acq: 19 Jul 2018 6:16

Tgt Ion:165 Resp: 27472

Ion	Ratio	Lower	Upper
165	100		
63	2.8	36.4	54.6#
89	4.4	57.8	86.6#
182	0.0	1.6	2.4#



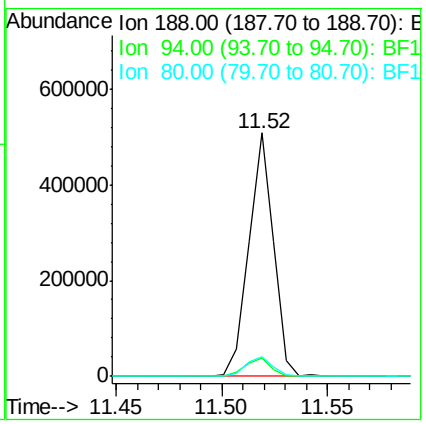


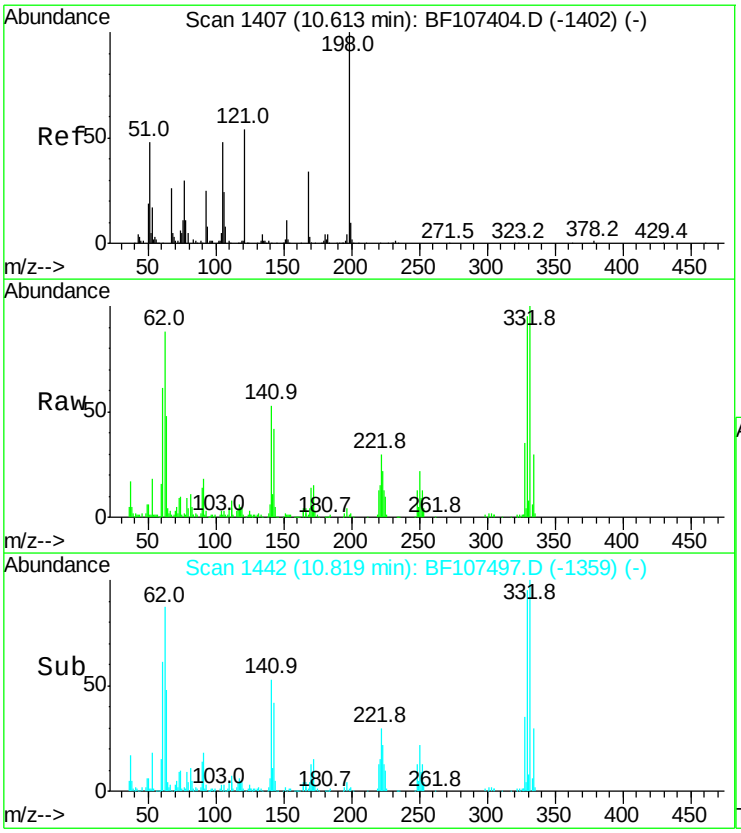
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107497.D
Acq: 19 Jul 2018 6:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 413238

Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.1	9.2	13.8#

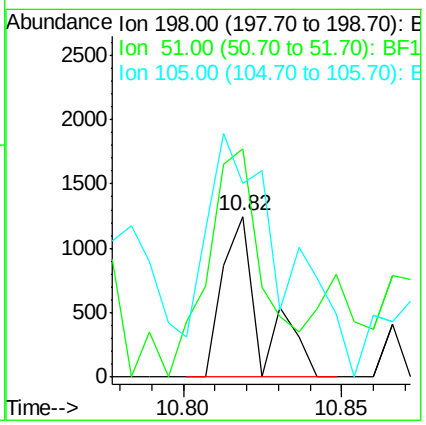


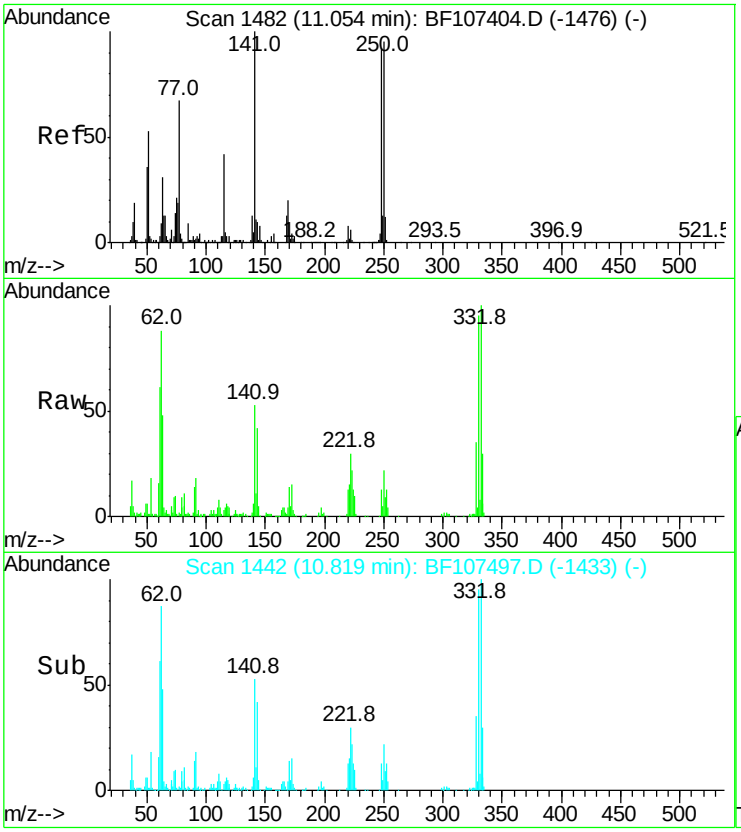


#64
4,6-Dinitro-2-methylphenol
Concen: 7.889 ng
RT: 10.82 min Scan# 1442
Delta R.T. 0.19 min
Lab File: BF107497.D
Acq: 19 Jul 2018 6:16

Tgt Ion:198 Resp: 1050

Ion	Ratio	Lower	Upper
198	100		
51	142.1	37.7	77.7#
105	120.4	36.3	76.3#



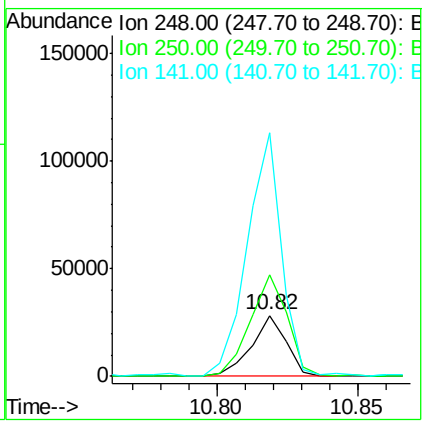


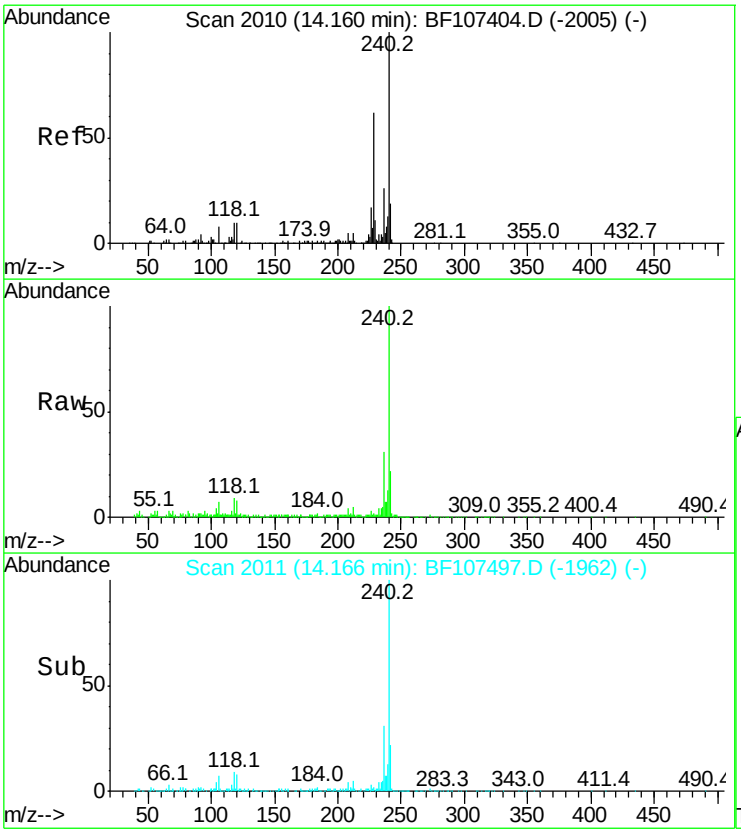
#66
4-Bromophenyl-phenylether
Concen: 5.117 ng
RT: 10.82 min Scan# 1442
Delta R.T. -0.25 min
Lab File: BF107497.D
Acq: 19 Jul 2018 6:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 24190

Ion	Ratio	Lower	Upper
248	100		
250	166.5	76.9	115.3#
141	399.9	74.4	111.6#

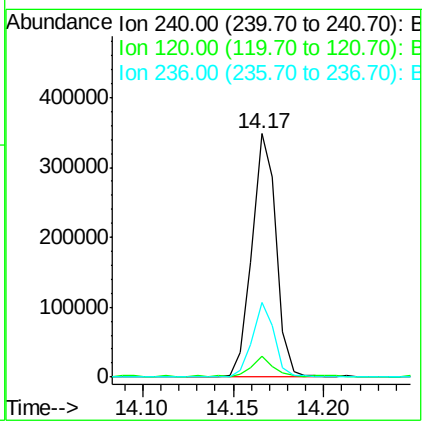


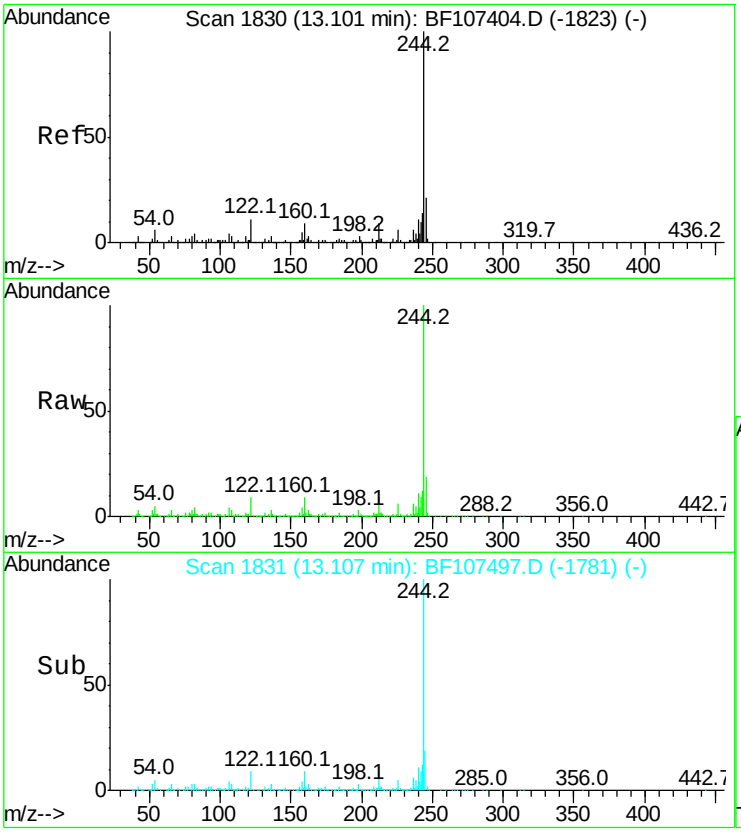


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF107497.D
Acq: 19 Jul 2018 6:16

Tgt Ion:240 Resp: 323508

Ion	Ratio	Lower	Upper
240	100		
120	8.5	9.5	14.3#
236	30.6	20.7	31.1



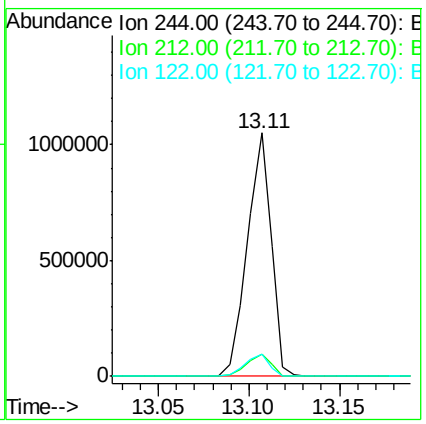


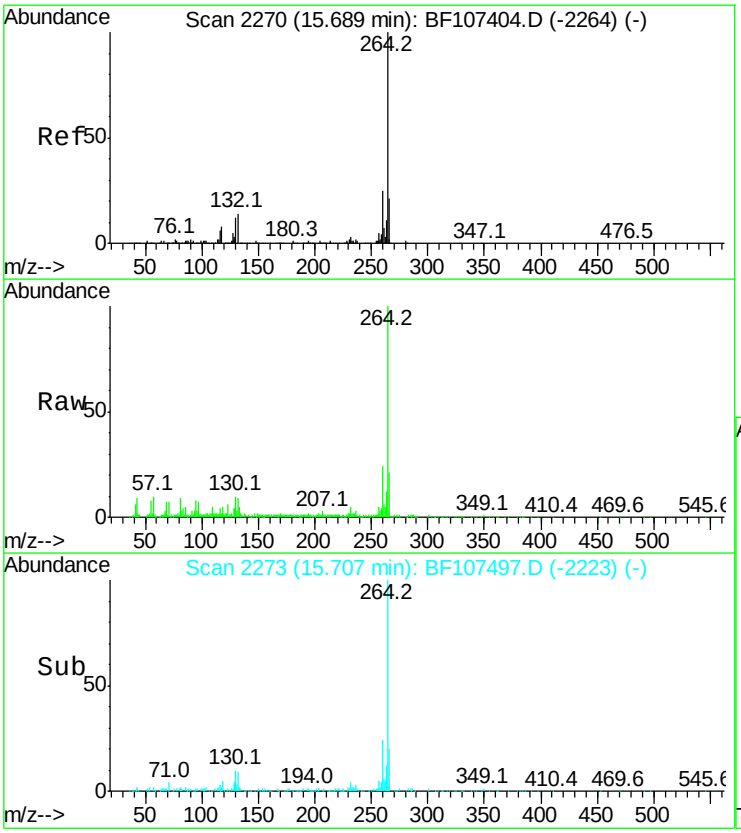
#78
Terphenyl-d14
Concen: 73.970 ng
RT: 13.11 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF107497.D
Acq: 19 Jul 2018 6:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 963143

Ion	Ratio	Lower	Upper
244	100		
212	9.3	5.4	8.0#
122	8.9	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: BF107497.D
Acq: 19 Jul 2018 6:16

Tgt Ion:264 Resp: 301617

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.7	17.5	26.3