Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107691.D
Acq On : 26 Jul 2018 7:43
Operator : JU/SJ
Sample : J4133-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 26 08:42:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	171489	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	623613	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	241316	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	427522	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	352188	20.00	ng	-0.01
86) Perylene-d12	15.69	264	274139	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	410515	38.49	ng	-0.01
7) Phenol-d6	6.60	99	352333	27.51	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1089874	117.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	259596	94.60	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1869667	183.99	ng	-0.01
78) Terphenyl-d14	13.09	244	1277005	92.83	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	7.12	79	19407	2.223	ng	# 39
19) n-Nitroso-di-n-propylamine	7.53	70	140027	16.925	ng	# 80
25) Isophorone	7.54	82	1089874	55.240	ng	# 64
49) Dimethylphthalate	9.71	163	44300	2.436	ng	100
50) 2,6-Dinitrotoluene	10.01	165	29783	8.248	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	30043	6.893	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.80	198	158	8.743	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	14837	2.948	ng	# 1
73) Di-n-butylphthalate	12.05	149	1768	Below Cal		# 78

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

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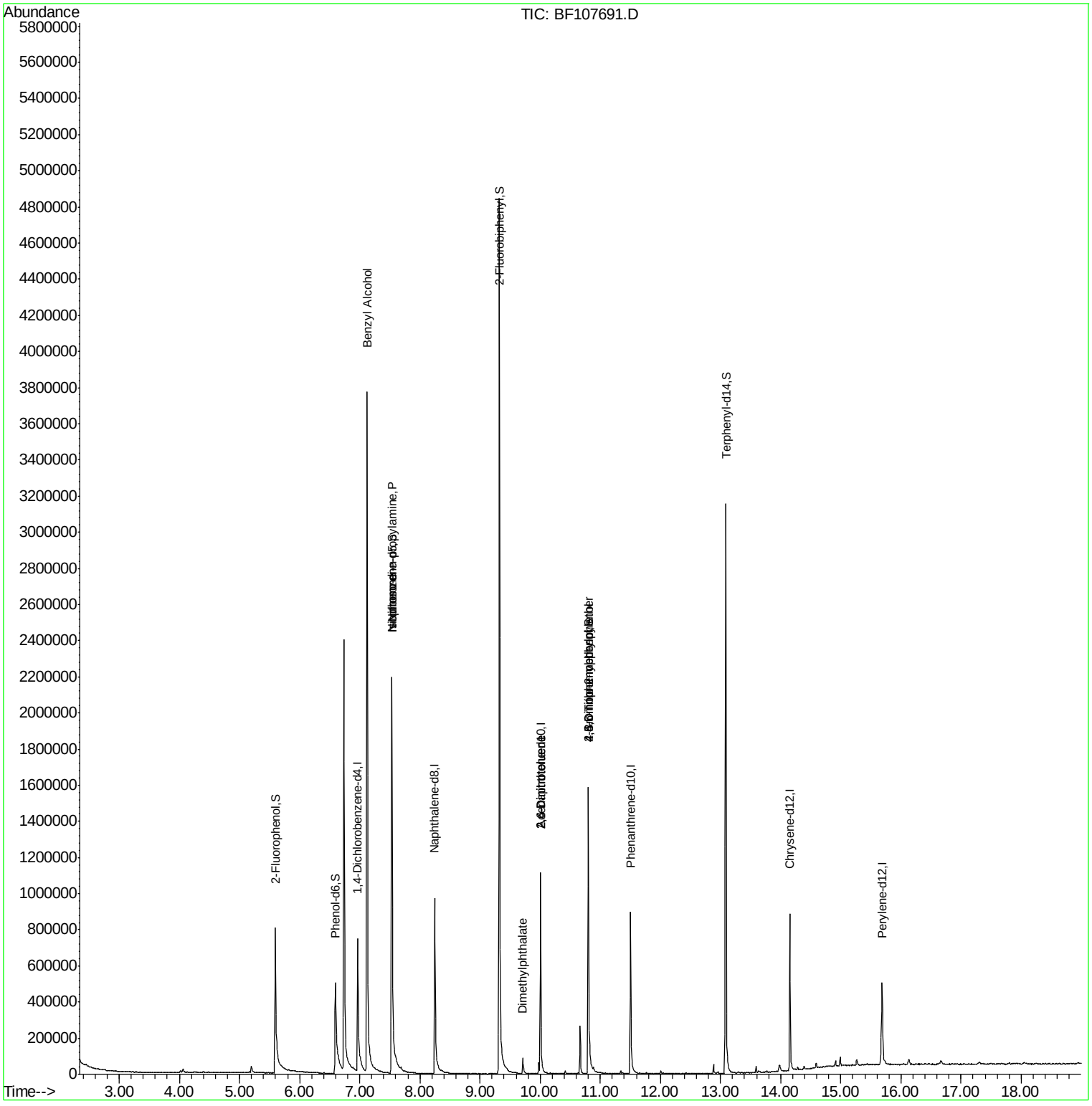
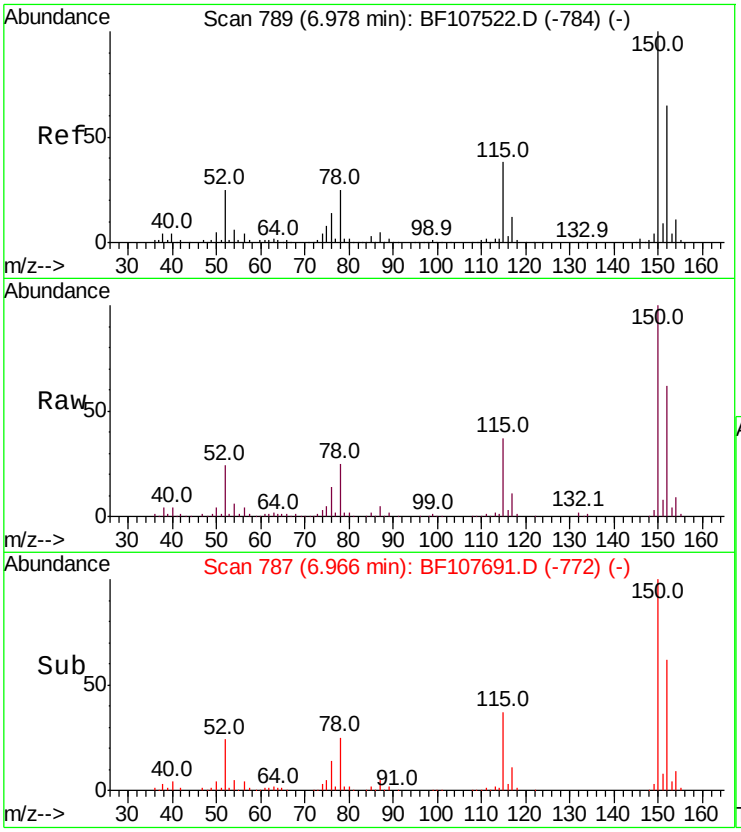
Response via : Initial Calibration



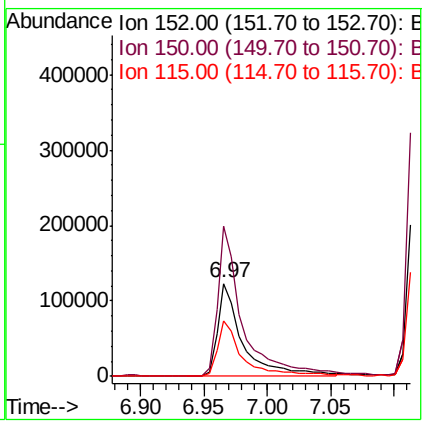


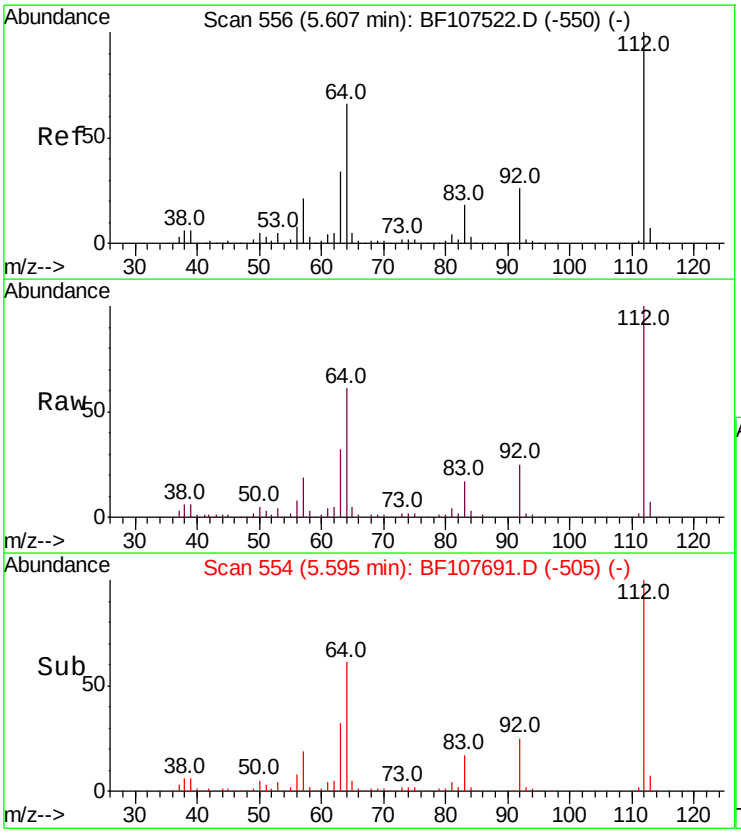
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107691.D
Acq: 26 Jul 2018 7:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 171489

Ion	Ratio	Lower	Upper
152	100		
150	162.4	124.6	186.8
115	59.7	50.1	75.1

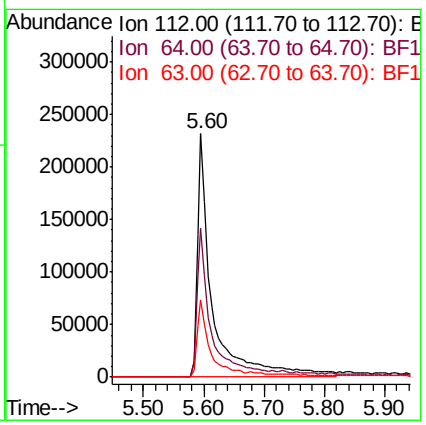


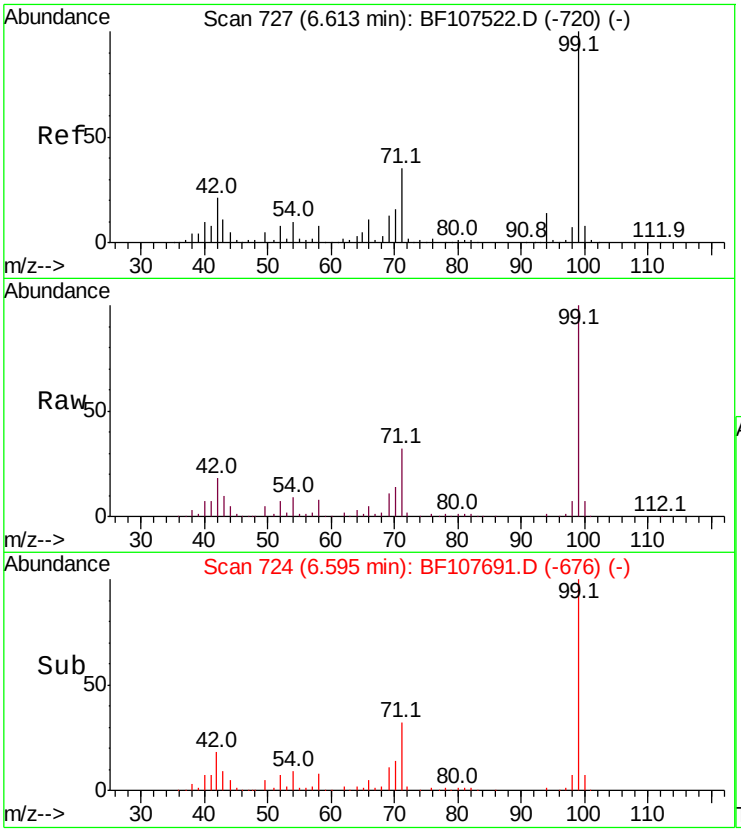


#5
2-Fluorophenol
Concen: 38.488 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107691.D
Acq: 26 Jul 2018 7:43

Tgt Ion:112 Resp: 410515

Ion	Ratio	Lower	Upper
112	100		
64	61.1	47.9	71.9
63	31.7	23.7	35.5



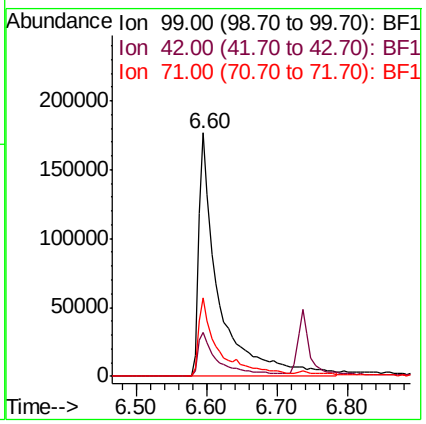


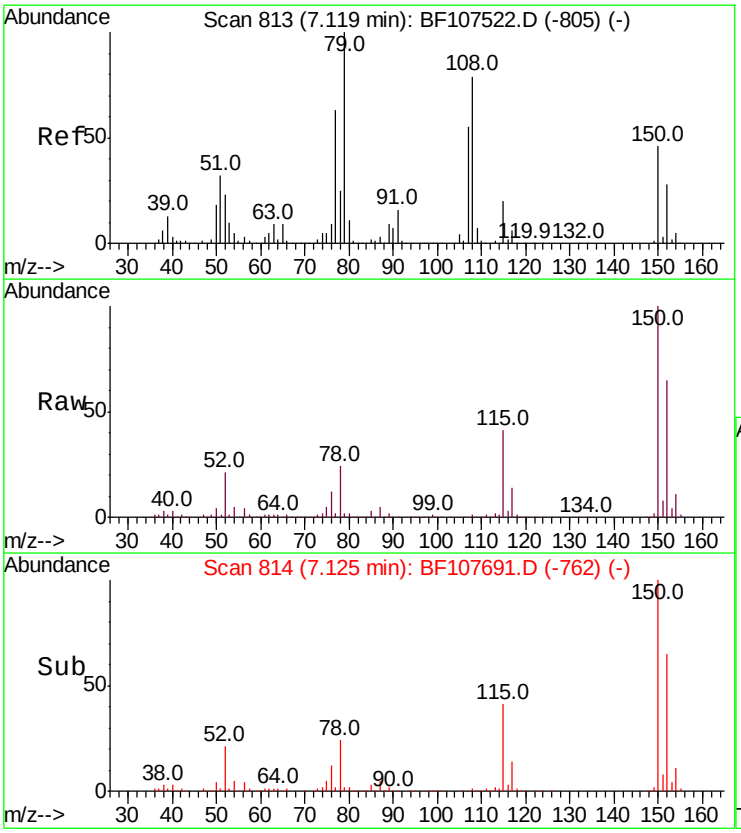
#7
Phenol-d6
Concen: 27.511 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107691.D
Acq: 26 Jul 2018 7:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 352333

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.5	21.7
71	32.1	25.4	38.0

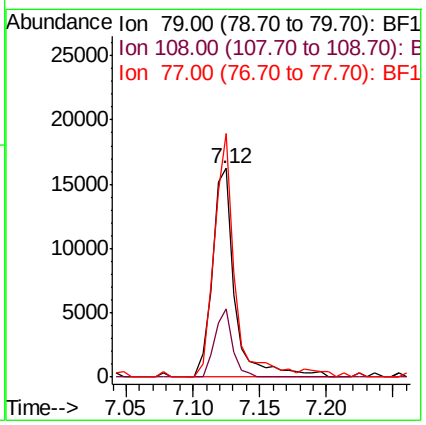


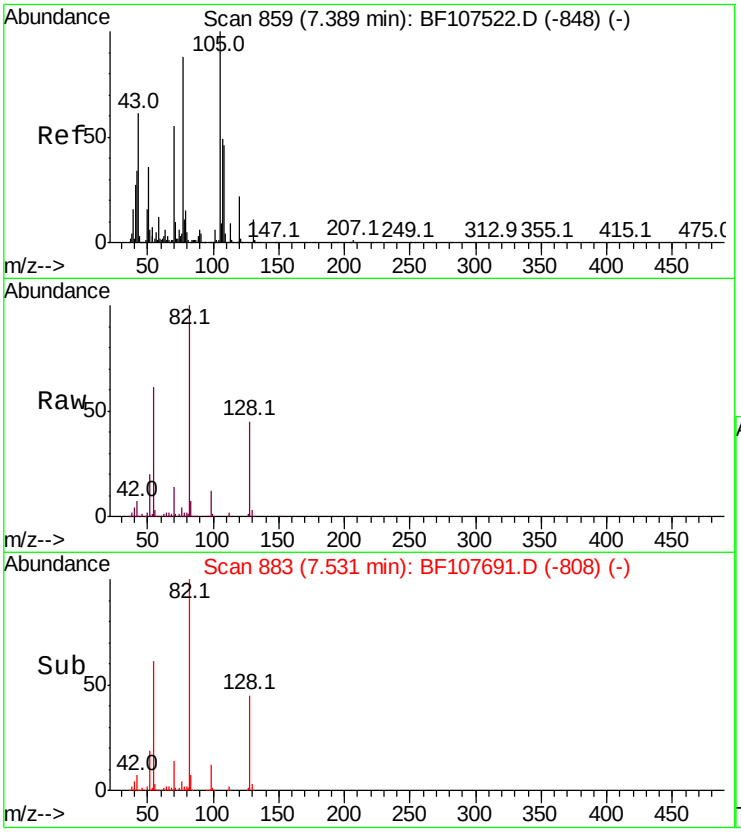


#15
Benzyl Alcohol
Concen: 2.223 ng
RT: 7.12 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF107691.D
Acq: 26 Jul 2018 7:43

Tgt Ion: 79 Resp: 19407

Ion	Ratio	Lower	Upper
79	100		
108	32.5	65.1	97.7#
77	116.6	50.6	75.8#



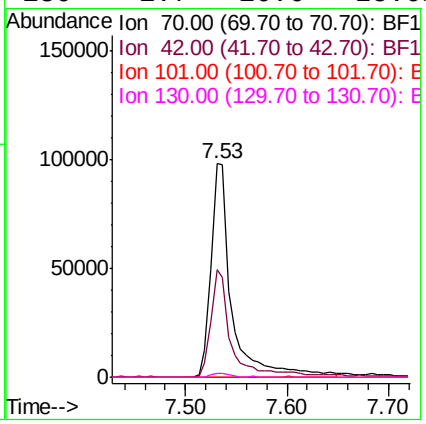


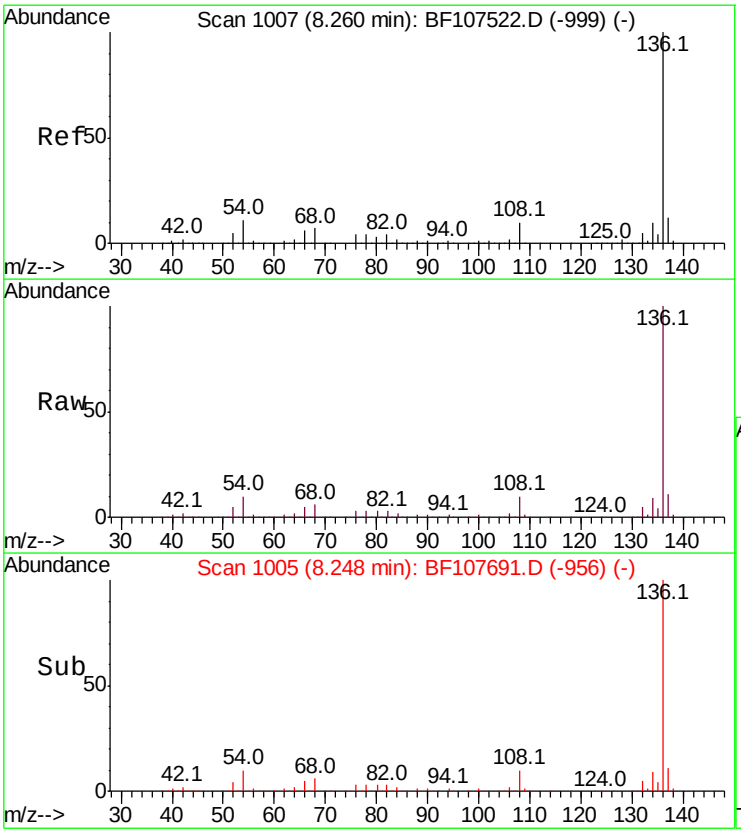
#19
n-Nitroso-di-n-propylamine
Concen: 16.925 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF107691.D
Acq: 26 Jul 2018 7:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 140027

Ion	Ratio	Lower	Upper
70	100		
42	50.2	47.5	71.3
101	0.0	7.4	11.2#
130	1.7	16.6	25.0#

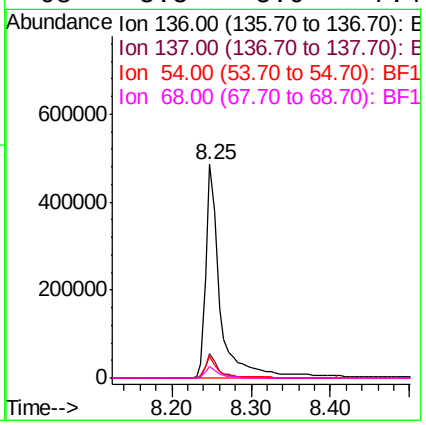


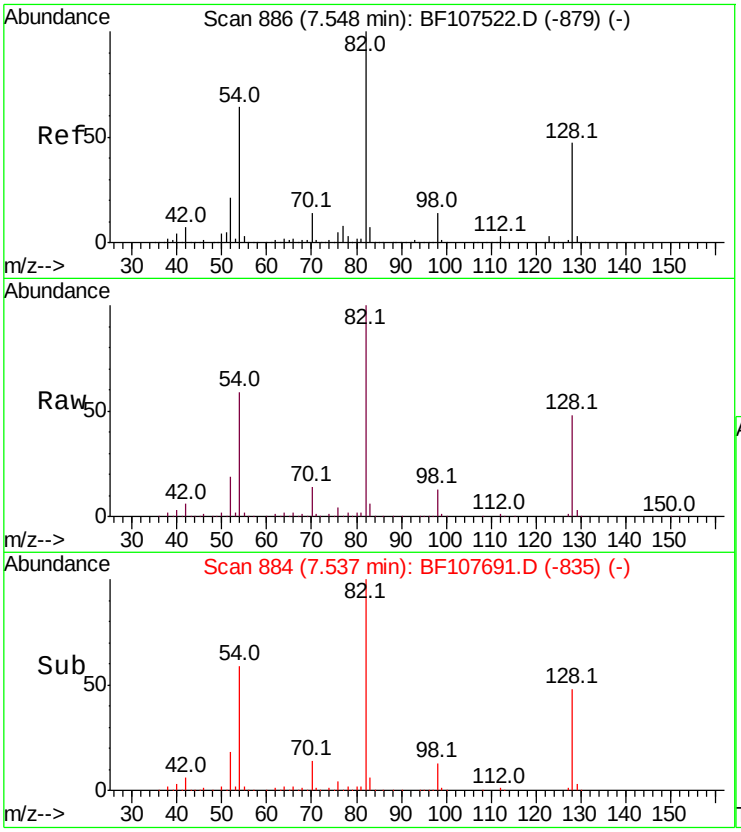


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107691.D
Acq: 26 Jul 2018 7:43

Tgt Ion:136 Resp: 623613

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.9	6.6	9.8#
68	5.5	5.0	7.4



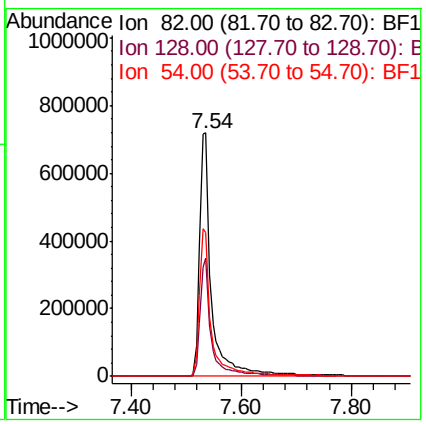


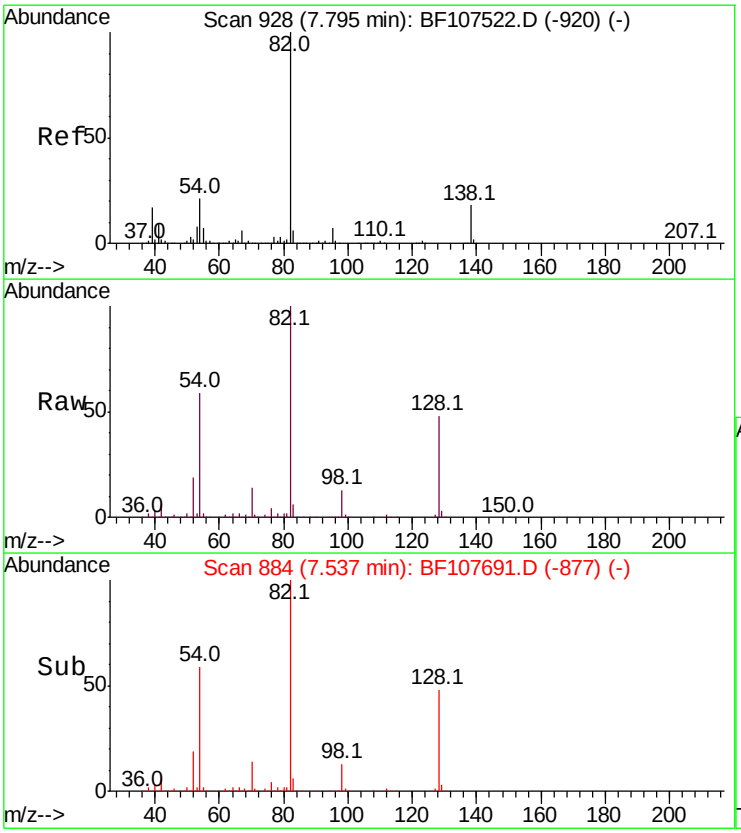
#23
Nitrobenzene-d5
Concen: 117.947 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107691.D
Acq: 26 Jul 2018 7:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1089874

Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	58.8	41.4	62.2

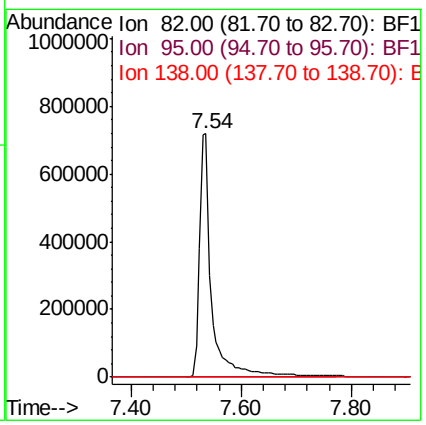


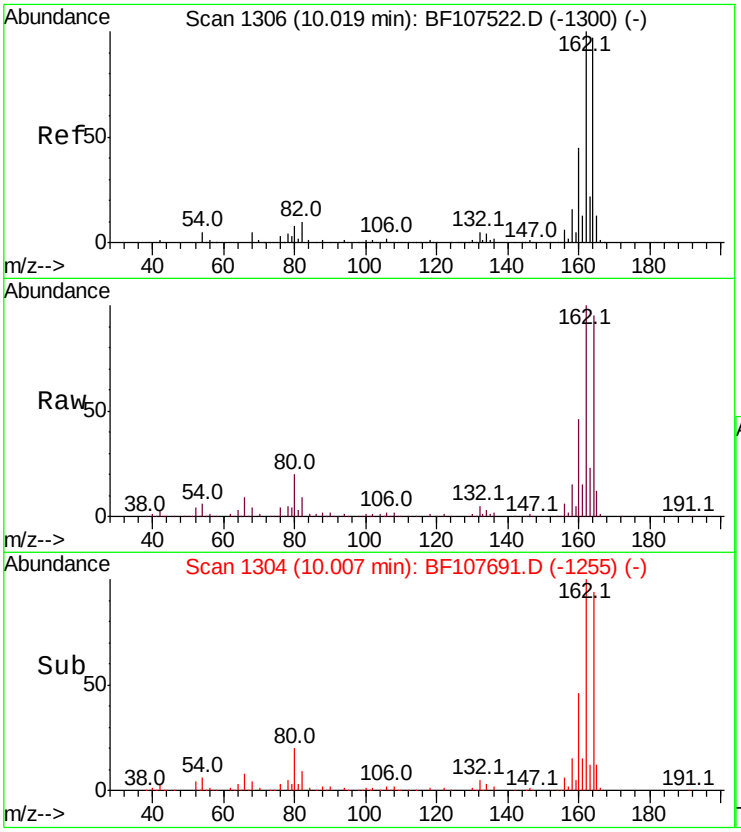


#25
Isophorone
Concen: 55.240 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF107691.D
Acq: 26 Jul 2018 7:43

Tgt Ion: 82 Resp: 1089874

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



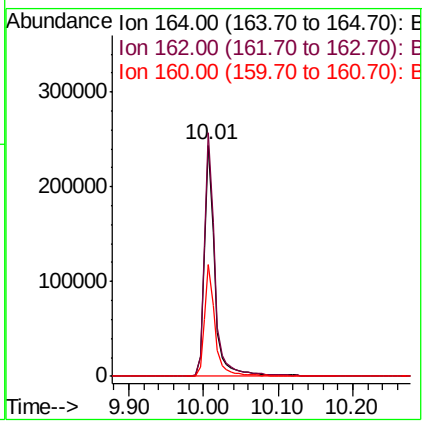


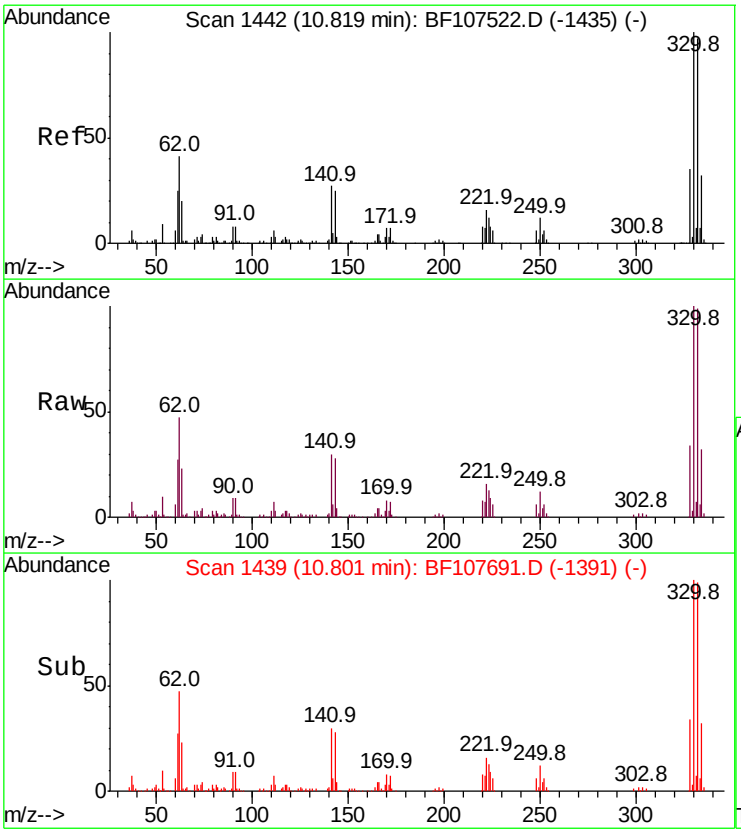
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107691.D
Acq: 26 Jul 2018 7:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 241316

Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	48.3	38.3	57.5

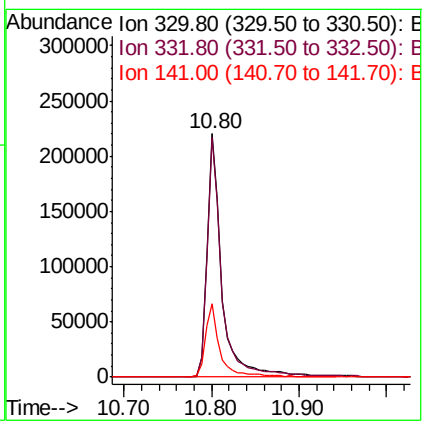


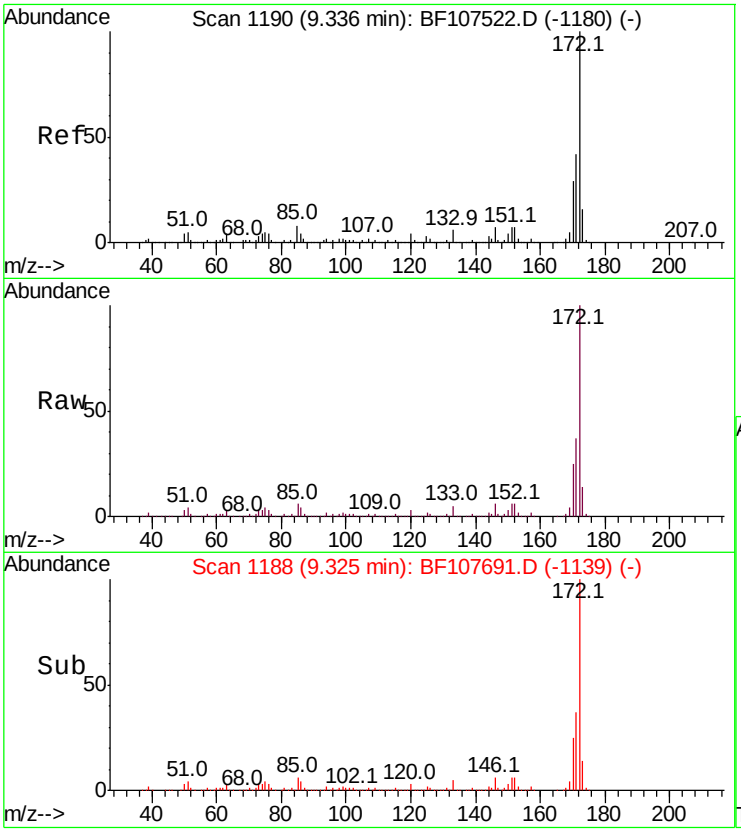


#41
2,4,6-Tribromophenol
Concen: 94.600 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF107691.D
Acq: 26 Jul 2018 7:43

Tgt Ion:330 Resp: 259596

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	30.1	29.9	44.9



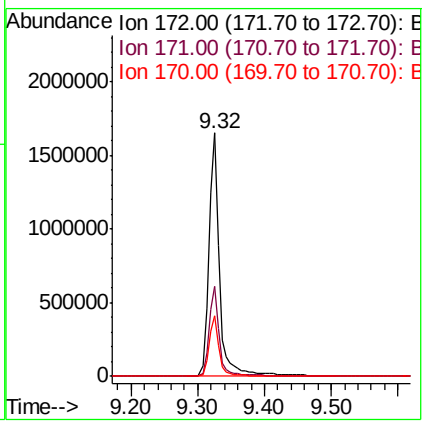


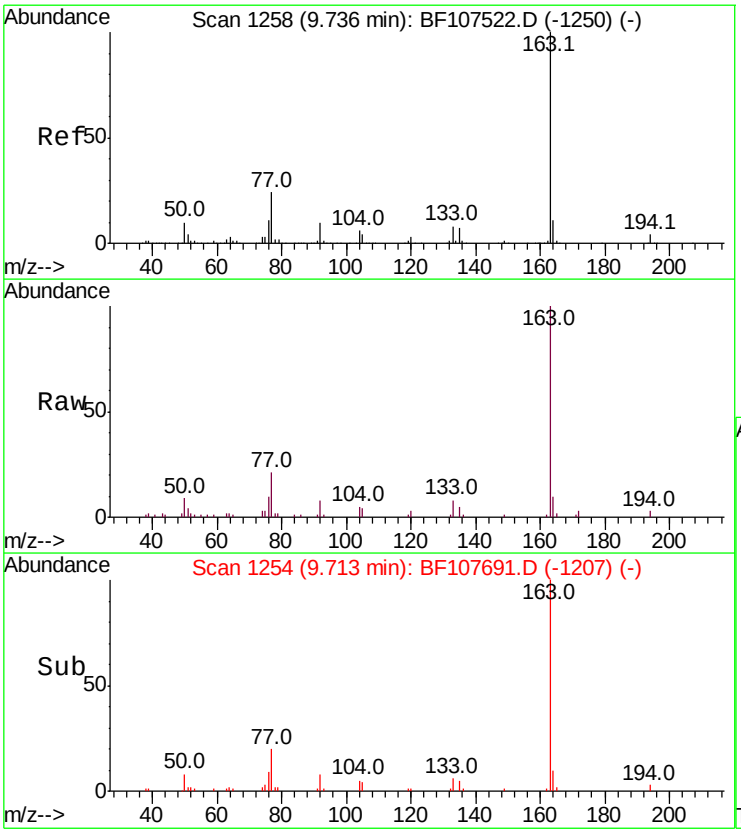
#44
2-Fluorobiphenyl
Concen: 183.993 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF107691.D
Acq: 26 Jul 2018 7:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1869667

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.8	19.6	29.4

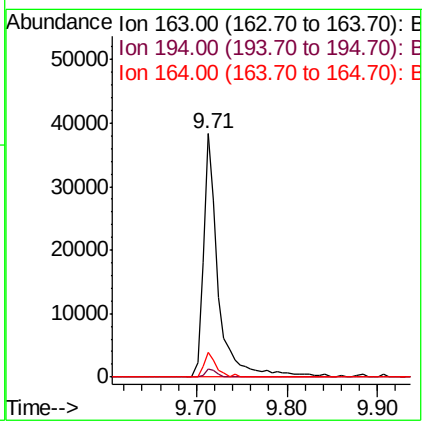


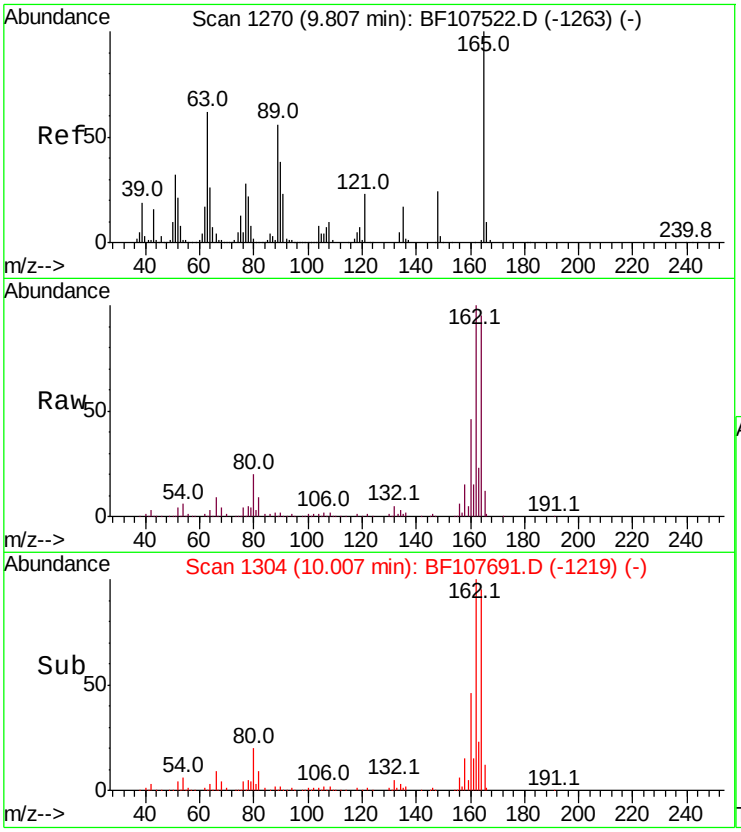


#49
Dimethylphthalate
Concen: 2.436 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107691.D
Acq: 26 Jul 2018 7:43

Tgt Ion:163 Resp: 44300

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.3	8.2	12.2



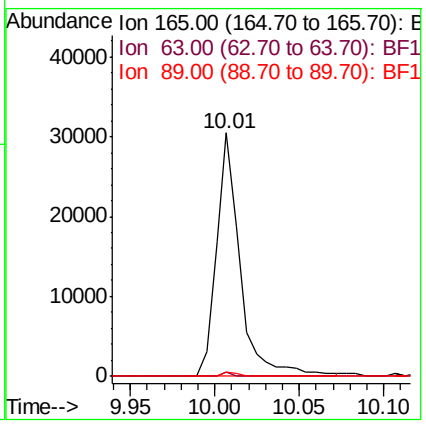


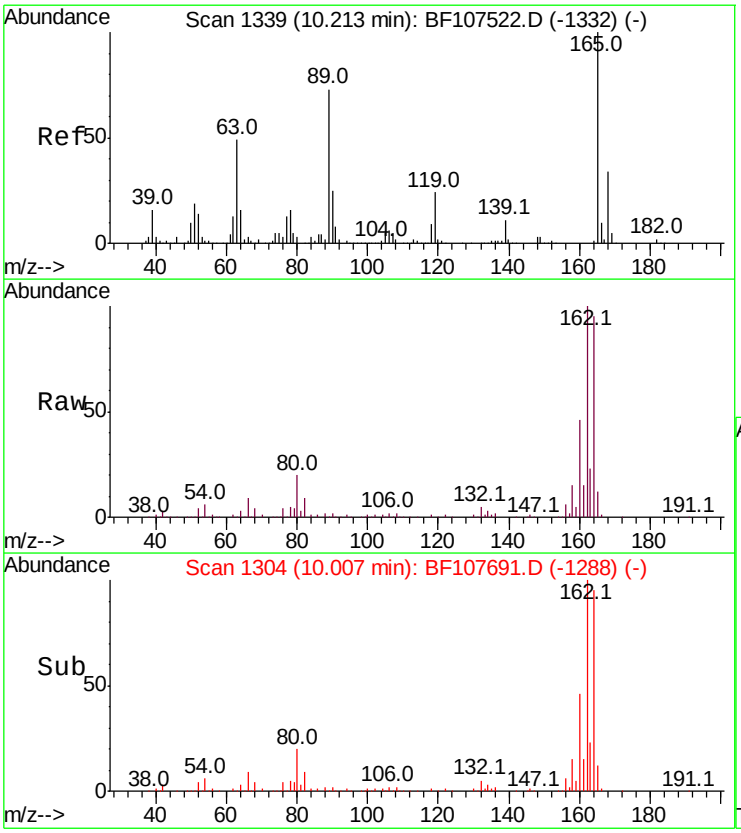
#50
2,6-Dinitrotoluene
Concen: 8.248 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF107691.D
Acq: 26 Jul 2018 7:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 29783

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.8	44.0	66.0#

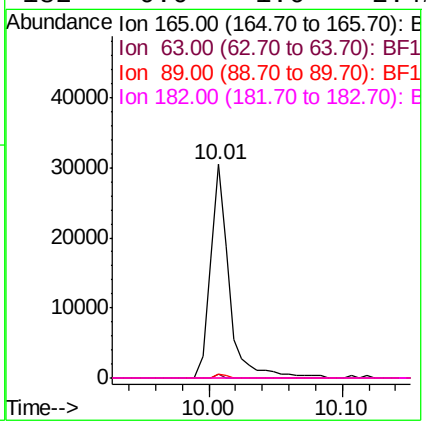


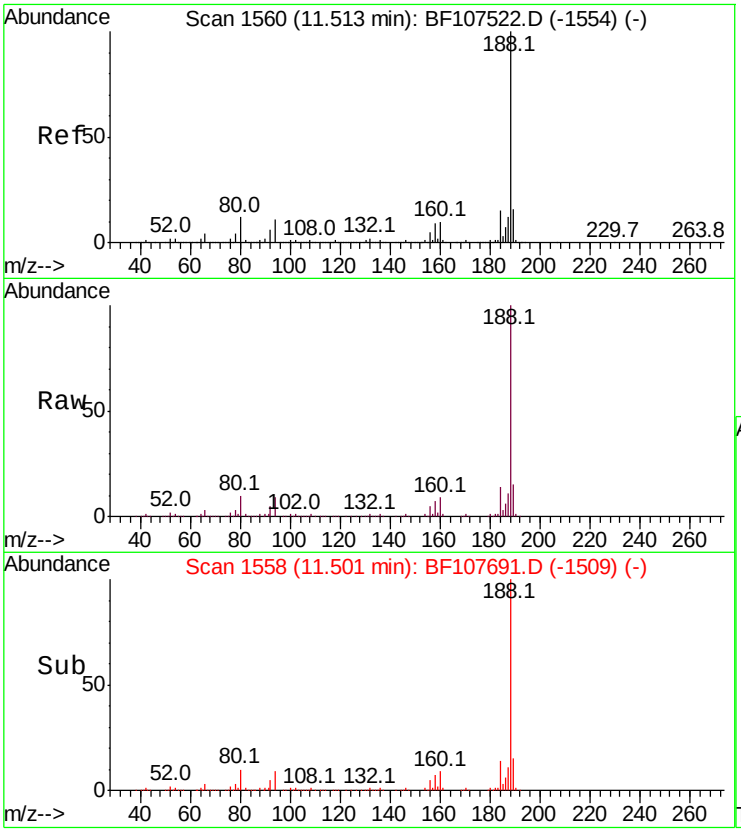


#56
2,4-Dinitrotoluene
Concen: 6.893 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.21 min
Lab File: BF107691.D
Acq: 26 Jul 2018 7:43

Tgt Ion:165 Resp: 30043

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



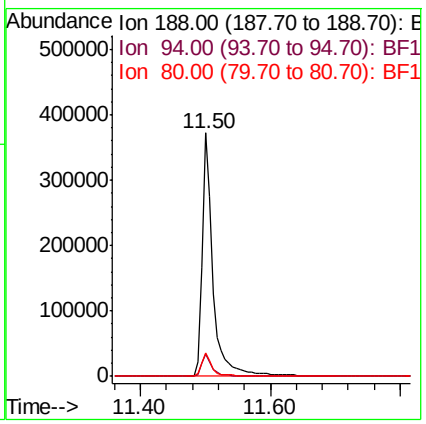


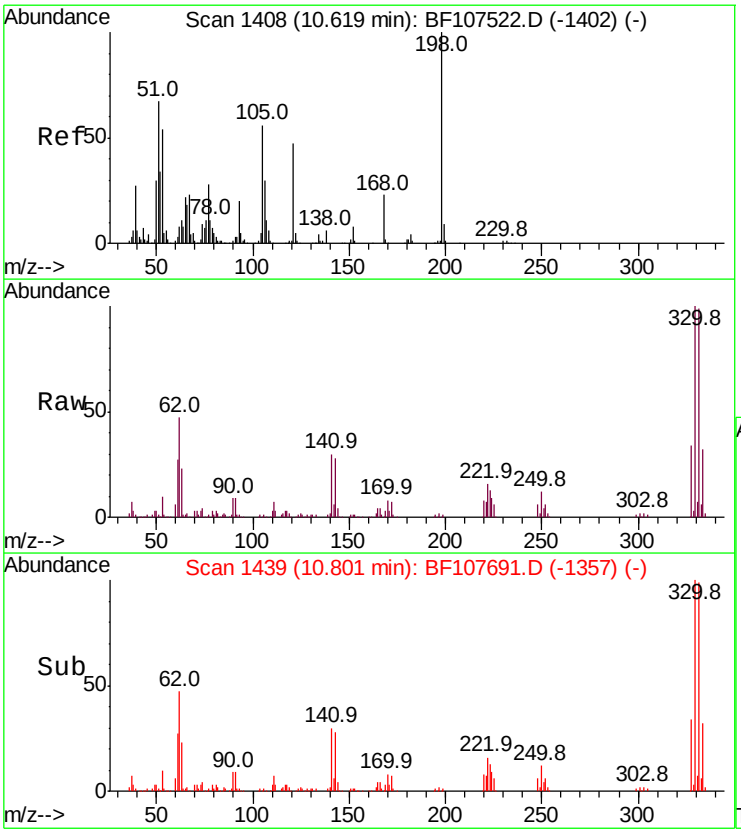
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107691.D
Acq: 26 Jul 2018 7:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 427522

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.9	9.2	13.8

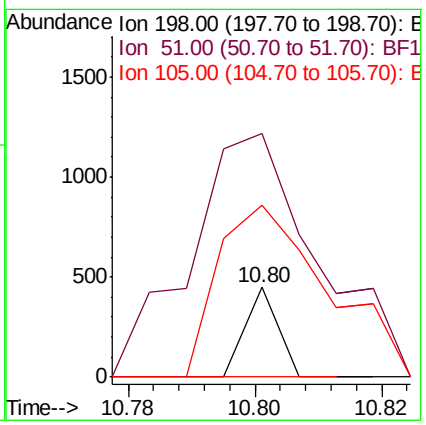


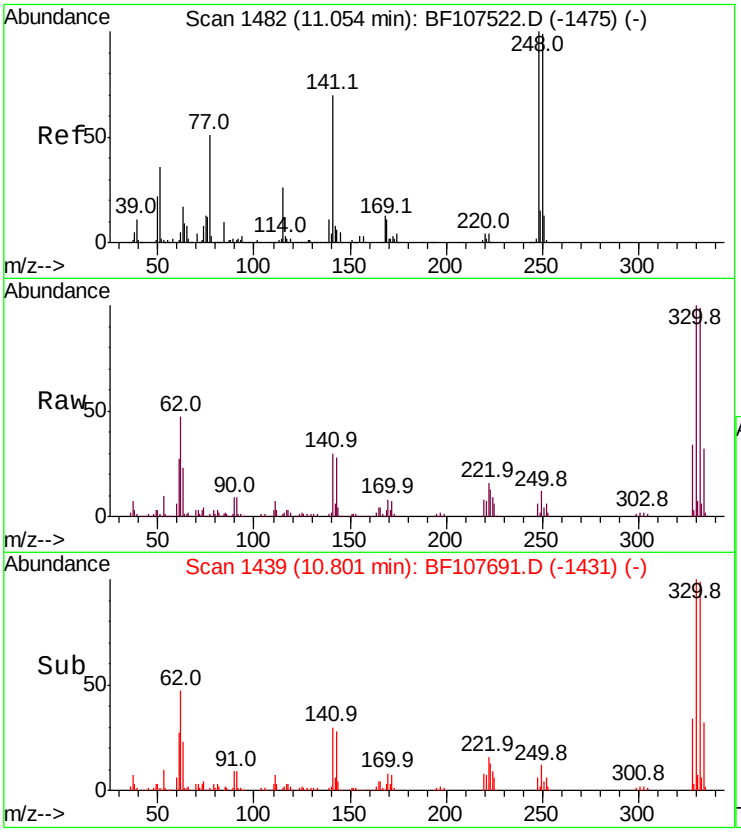


#64
4,6-Dinitro-2-methylphenol
Concen: 8.743 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.18 min
Lab File: BF107691.D
Acq: 26 Jul 2018 7:43

Tgt Ion:198 Resp: 158

Ion	Ratio	Lower	Upper
198	100		
51	272.5	37.7	77.7#
105	192.2	36.3	76.3#



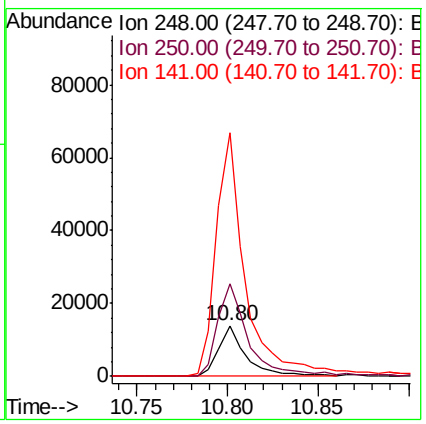


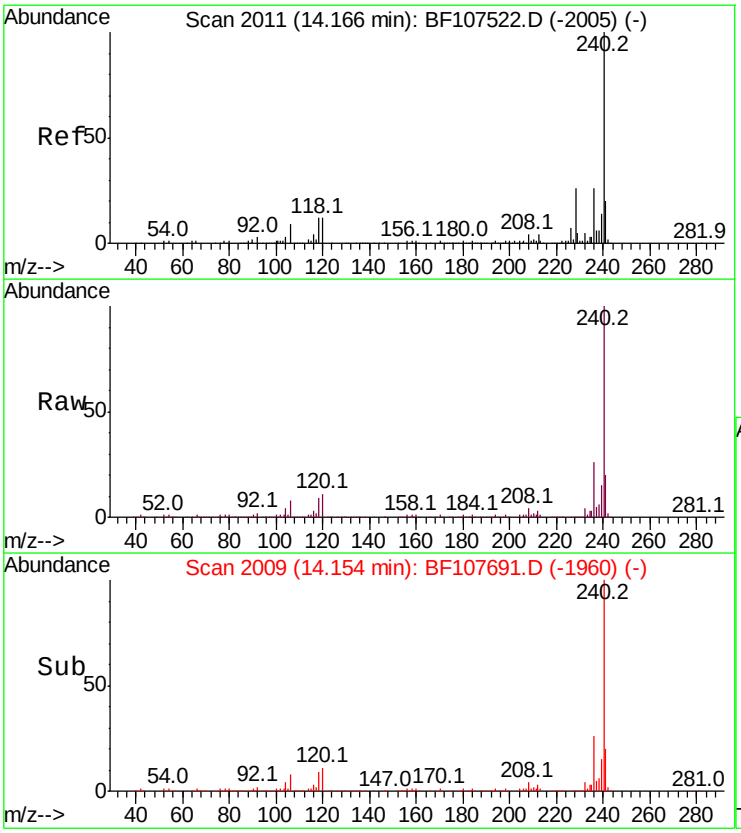
#66
4-Bromophenyl-phenylether
Concen: 2.948 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF107691.D
Acq: 26 Jul 2018 7:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 14837

Ion	Ratio	Lower	Upper
248	100		
250	184.6	76.9	115.3#
141	484.0	74.4	111.6#

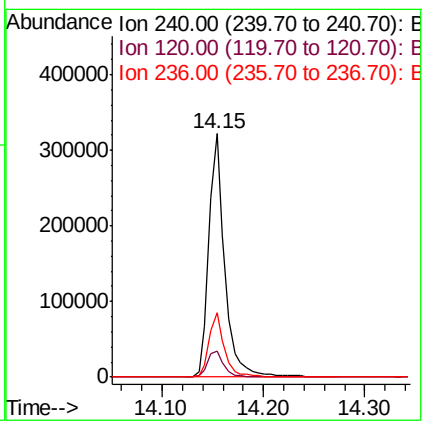


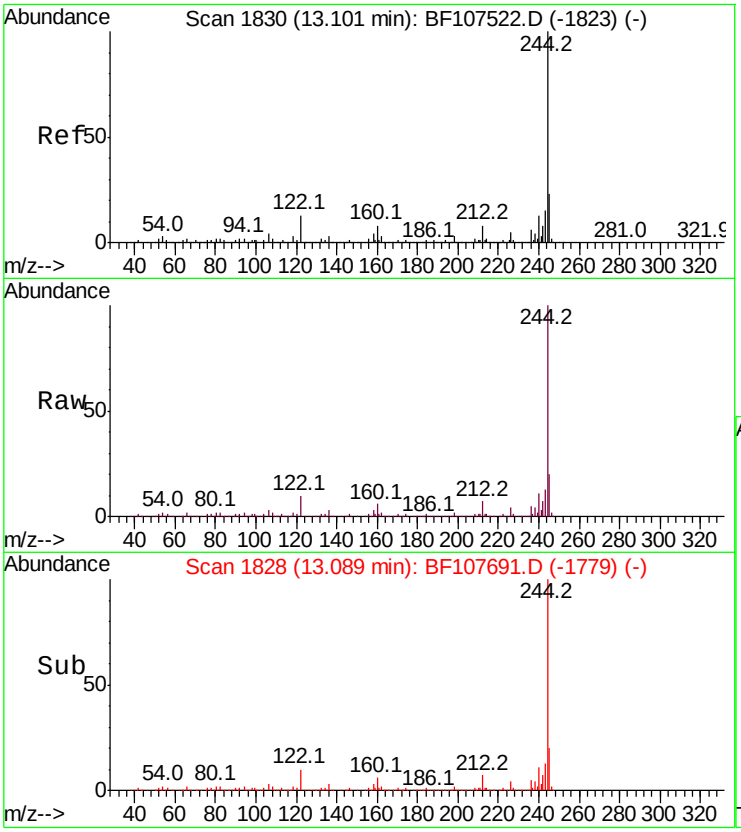


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107691.D
Acq: 26 Jul 2018 7:43

Tgt Ion:240 Resp: 352188

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	26.4	20.7	31.1



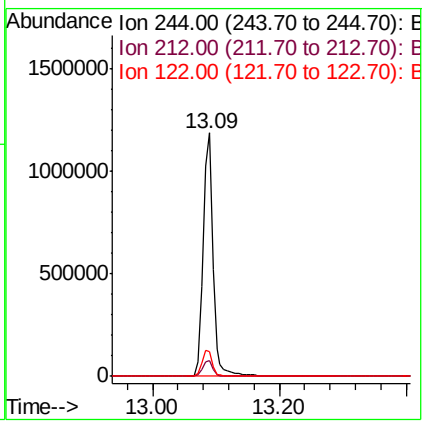


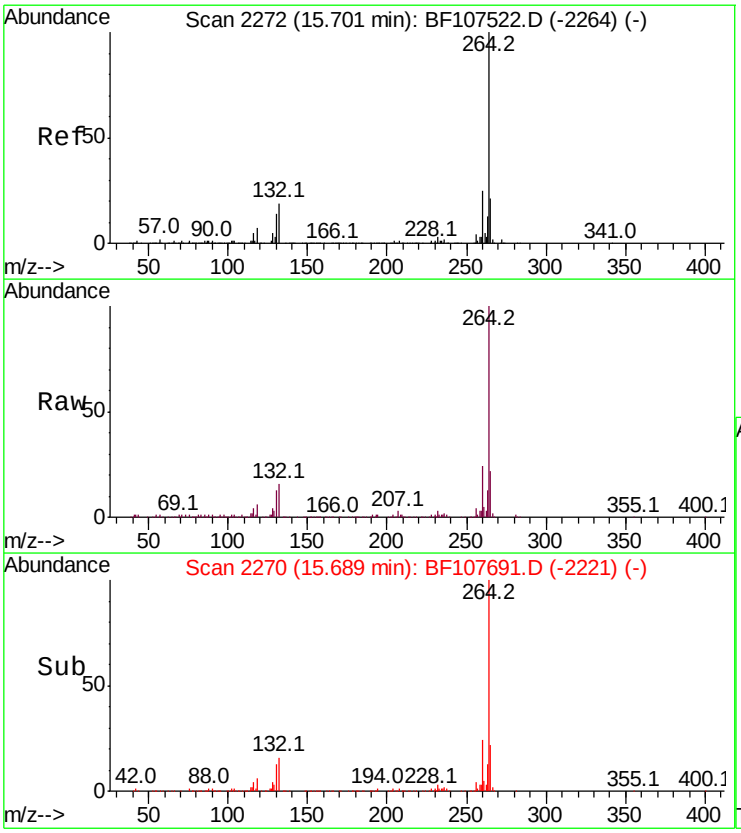
#78
Terphenyl-d14
Concen: 92.827 ng
RT: 13.09 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF107691.D
Acq: 26 Jul 2018 7:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1277005

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.4	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF107691.D
Acq: 26 Jul 2018 7:43

Tgt Ion:264 Resp: 274139

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.6	17.5	26.3