Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072618\
Data File : BF107734.D
Acq On : 27 Jul 2018 8:10
Operator : JU/SJ
Sample : PB111493BL
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 27 10:52:44 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	162546	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	682120	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	301577	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	536171	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	383838	20.00	ng	-0.02
86) Perylene-d12	15.67	264	392958	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	879168	86.96	ng	0.00
7) Phenol-d6	6.60	99	1209667	99.65	ng	-0.02
23) Nitrobenzene-d5	7.52	82	1129998	111.80	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	339929	99.12	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	2161705	152.45	ng	-0.02
78) Terphenyl-d14	13.08	244	1436306	95.80	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	7.11	79	16716	2.020	ng	# 49
19) n-Nitroso-di-n-propylamine	7.52	70	140689	17.940	ng	# 79
25) Isophorone	7.52	82	1135454	52.614	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	37754	8.366	ng	# 26
56) 2,4-Dinitrotoluene	10.00	165	38899	7.141	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.79	198	376	8.800	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	20352	3.225	ng	# 1
73) Di-n-butylphthalate	12.04	149	636	Below Cal		# 78

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

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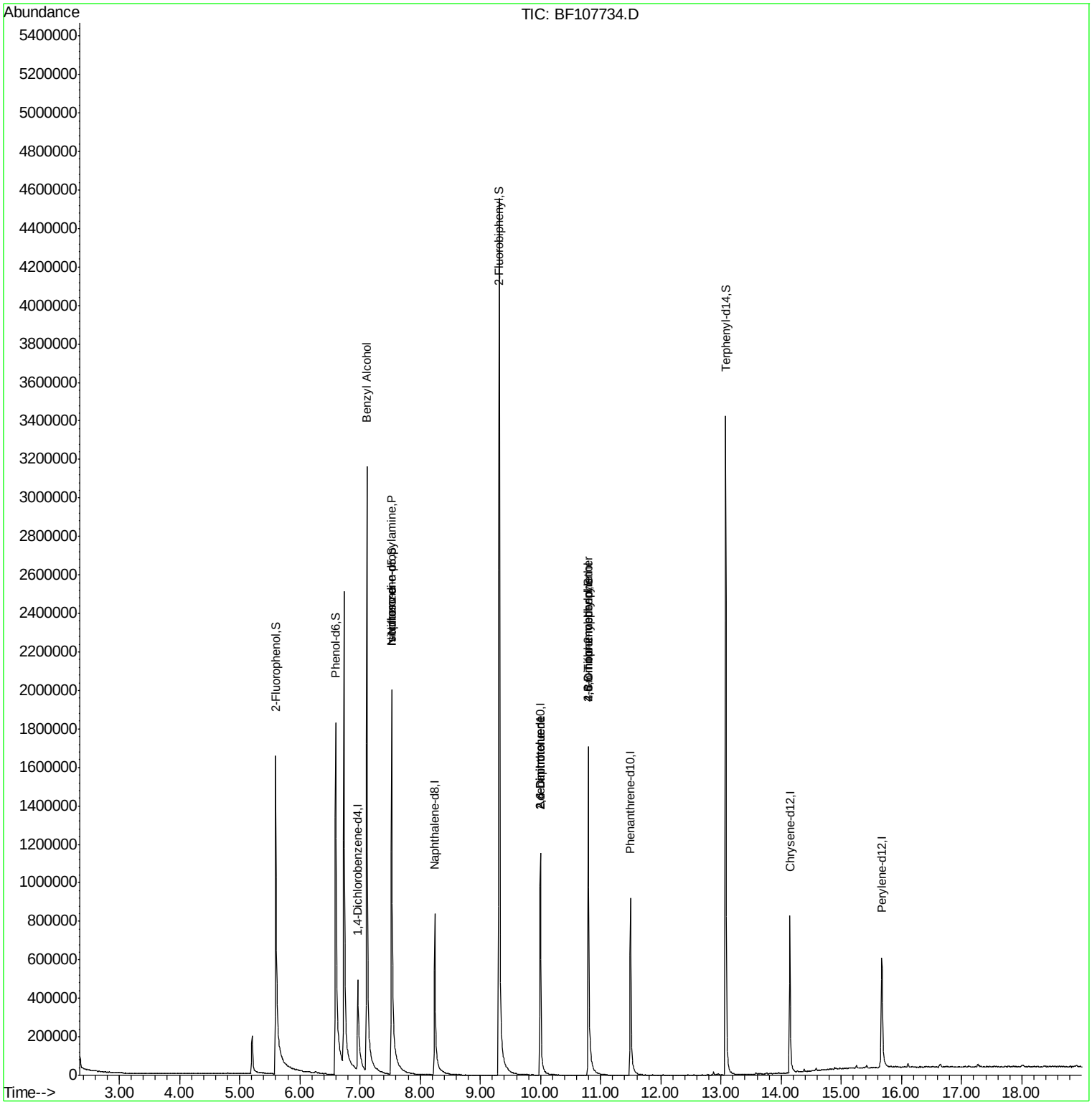
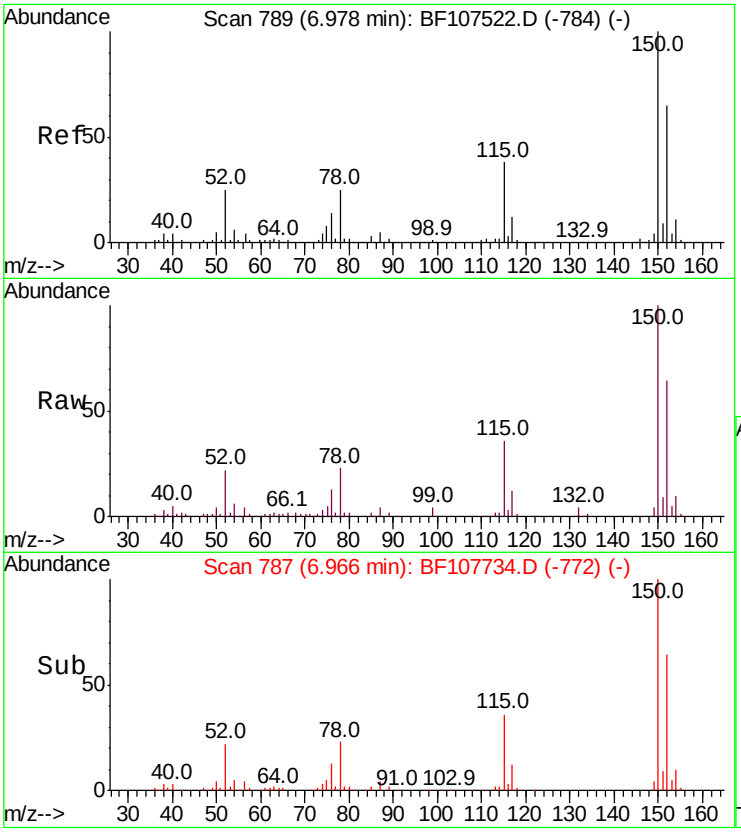


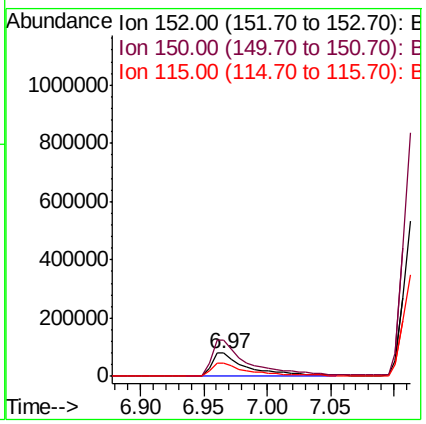


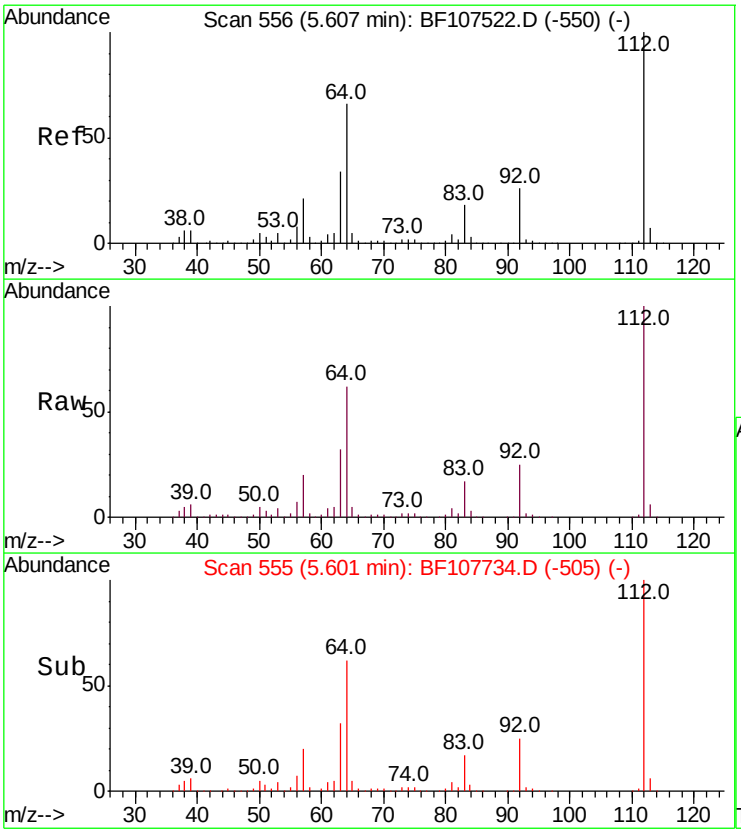
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107734.D
Acq: 27 Jul 2018 8:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 162546

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	56.4	50.1	75.1

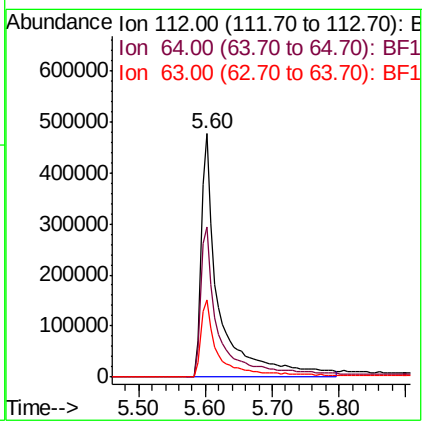


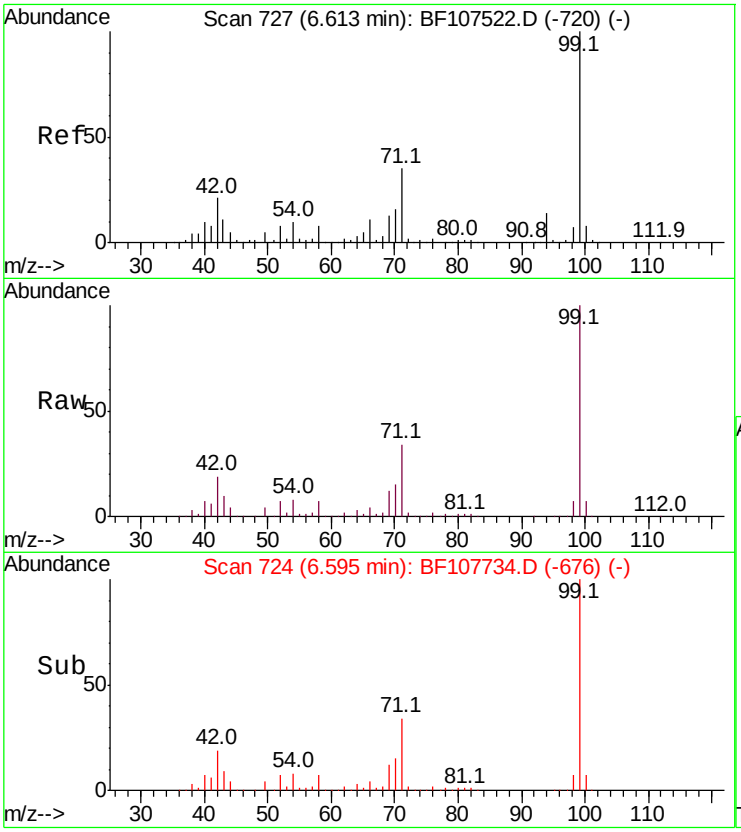


#5
2-Fluorophenol
Concen: 86.962 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107734.D
Acq: 27 Jul 2018 8:10

Tgt Ion:112 Resp: 879168

Ion	Ratio	Lower	Upper
112	100		
64	61.5	47.9	71.9
63	31.8	23.7	35.5



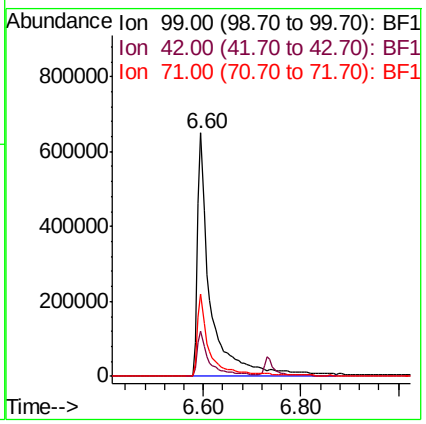


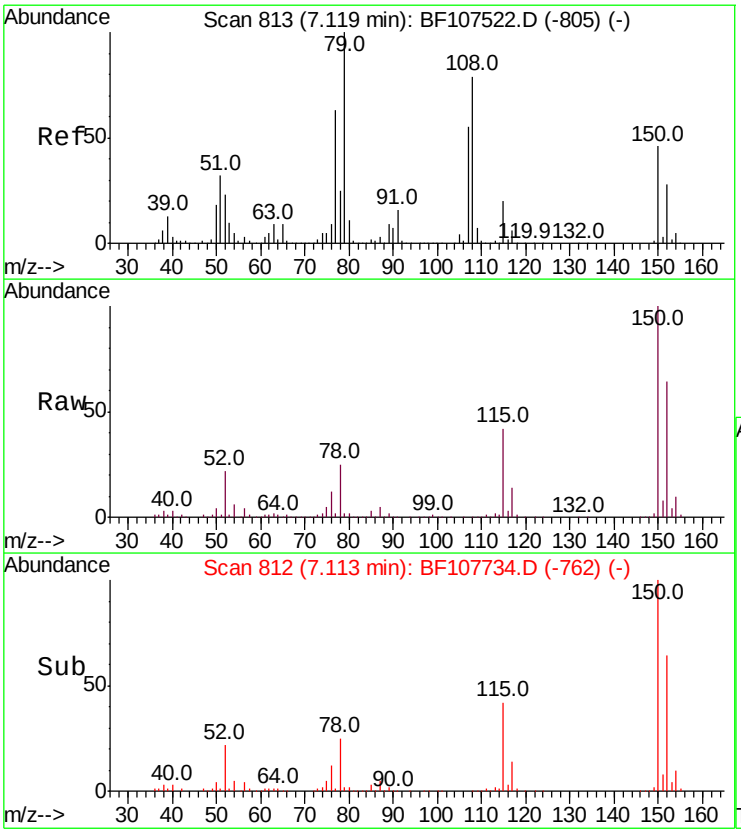
#7
Phenol-d6
Concen: 99.650 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107734.D
Acq: 27 Jul 2018 8:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1209667

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.5	21.7
71	33.7	25.4	38.0

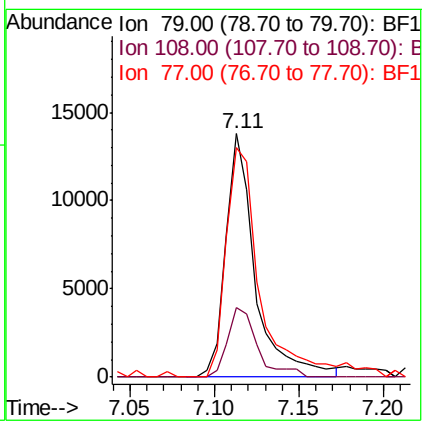


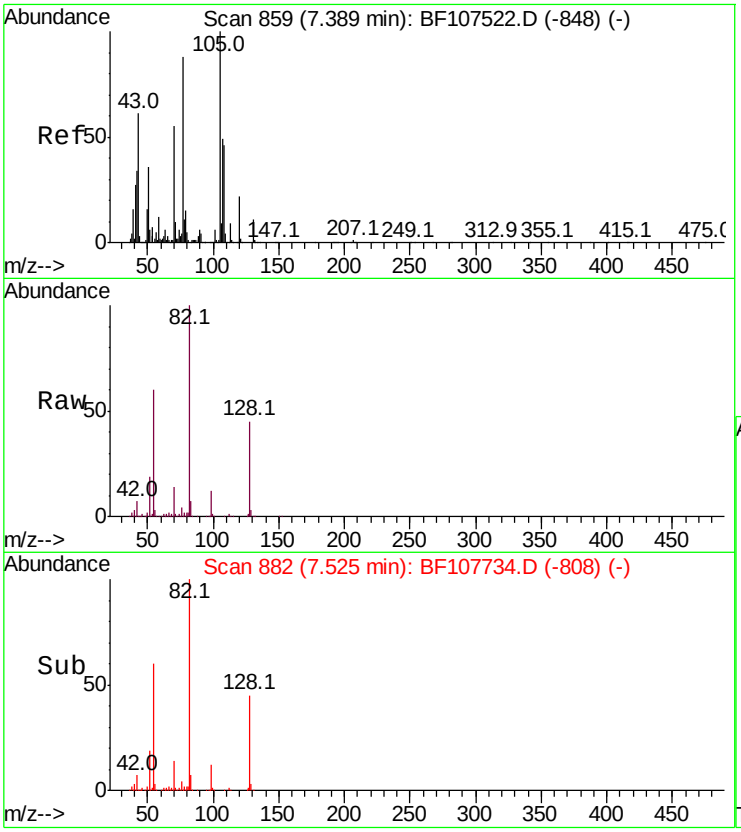


#15
Benzyl Alcohol
Concen: 2.020 ng
RT: 7.11 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF107734.D
Acq: 27 Jul 2018 8:10

Tgt Ion: 79 Resp: 16716

Ion	Ratio	Lower	Upper
79	100		
108	28.3	65.1	97.7#
77	94.1	50.6	75.8#



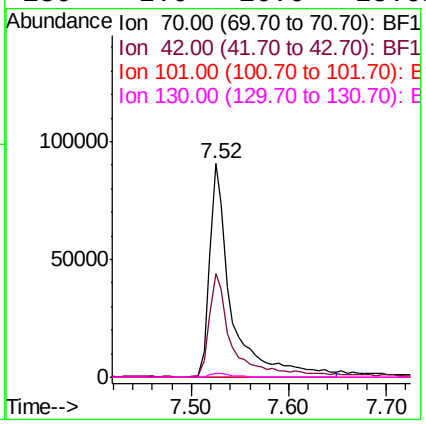


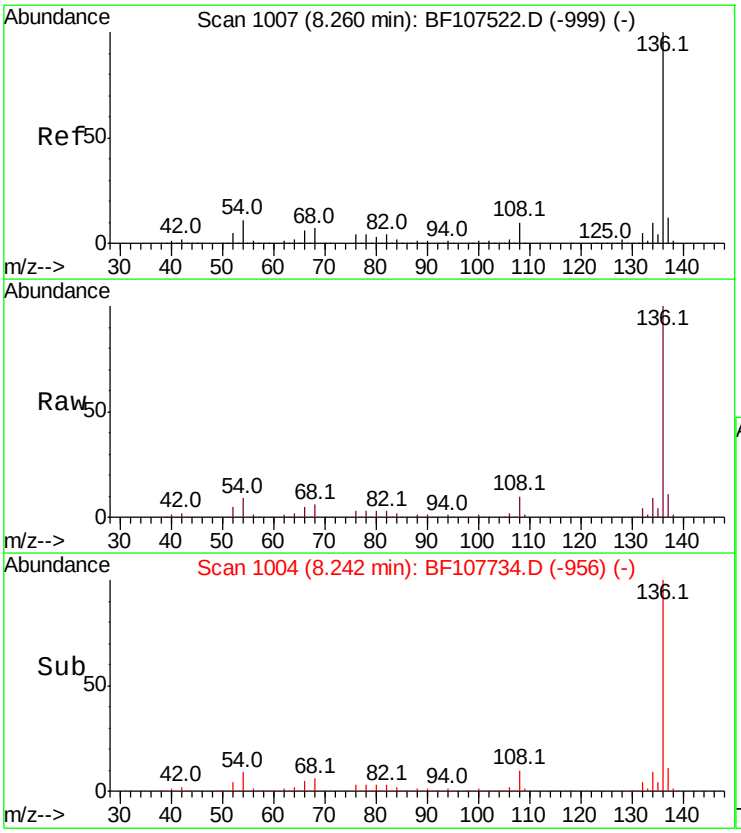
#19
n-Nitroso-di-n-propylamine
Concen: 17.940 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF107734.D
Acq: 27 Jul 2018 8:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 140689

Ion	Ratio	Lower	Upper
70	100		
42	48.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

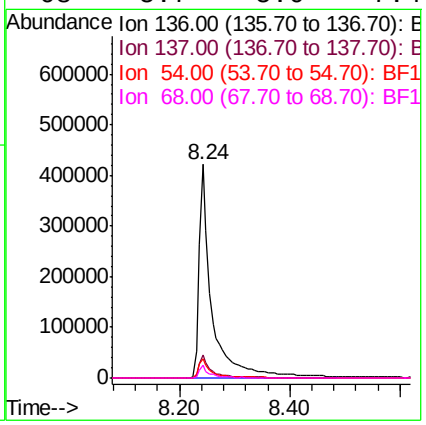


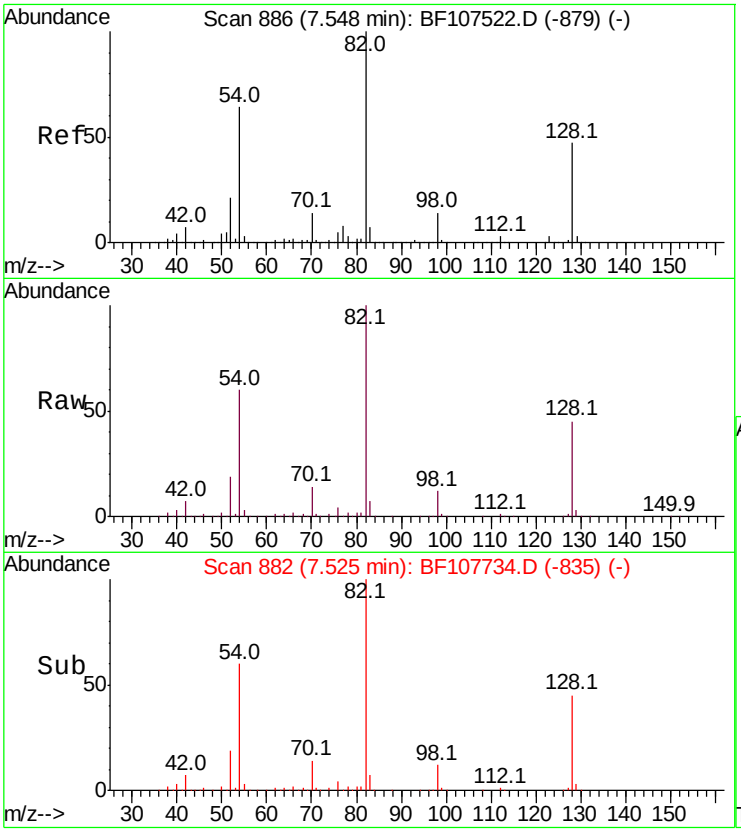


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107734.D
Acq: 27 Jul 2018 8:10

Tgt Ion:136 Resp: 682120

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.3	6.6	9.8
68	5.7	5.0	7.4



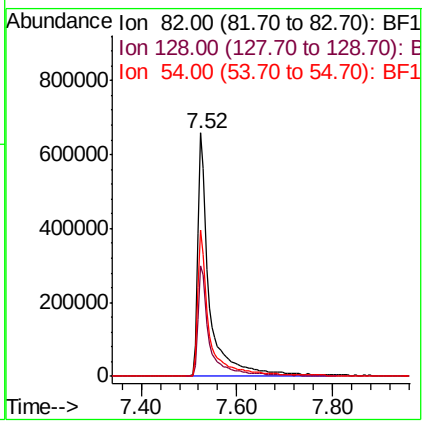


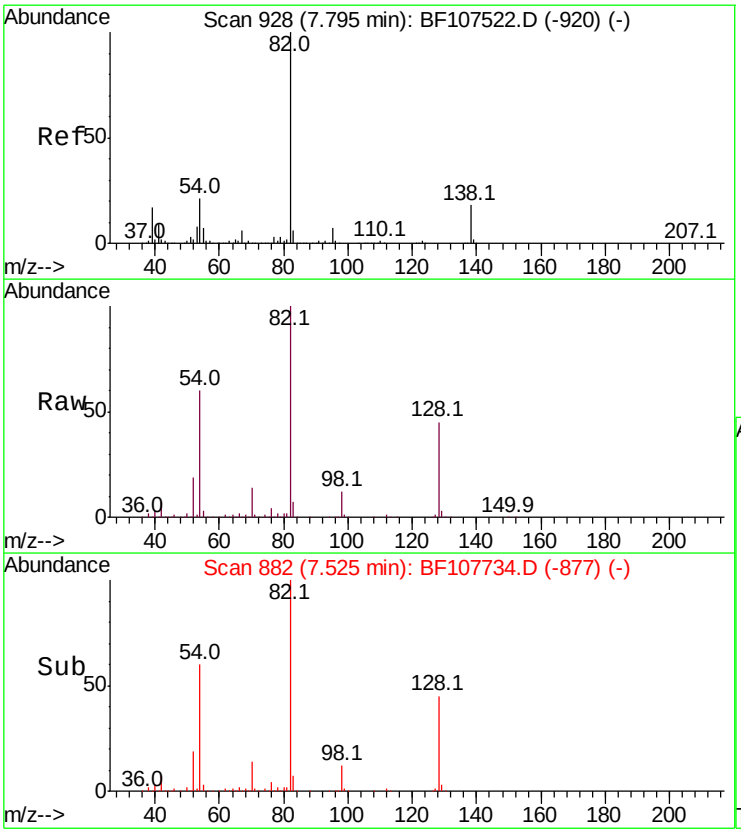
#23
Nitrobenzene-d5
Concen: 111.800 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107734.D
Acq: 27 Jul 2018 8:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1129998

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	59.9	41.4	62.2

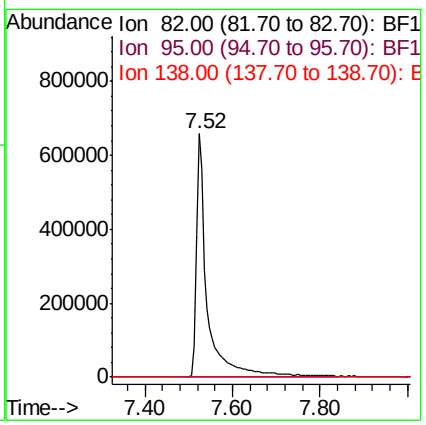


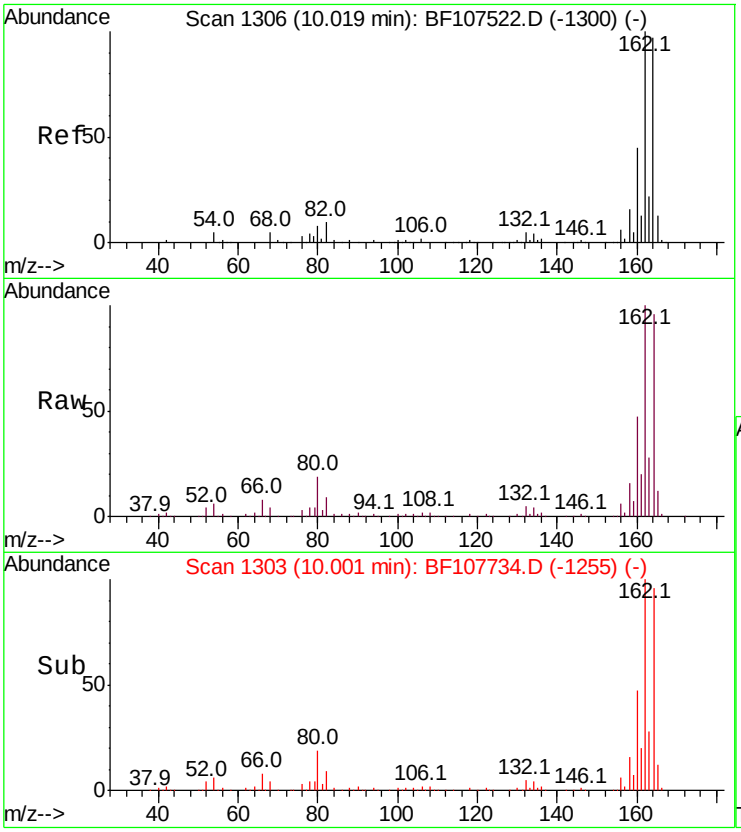


#25
Isophorone
Concen: 52.614 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF107734.D
Acq: 27 Jul 2018 8:10

Tgt Ion: 82 Resp: 1135454

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



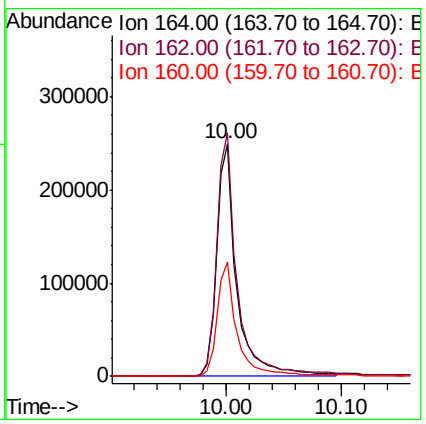


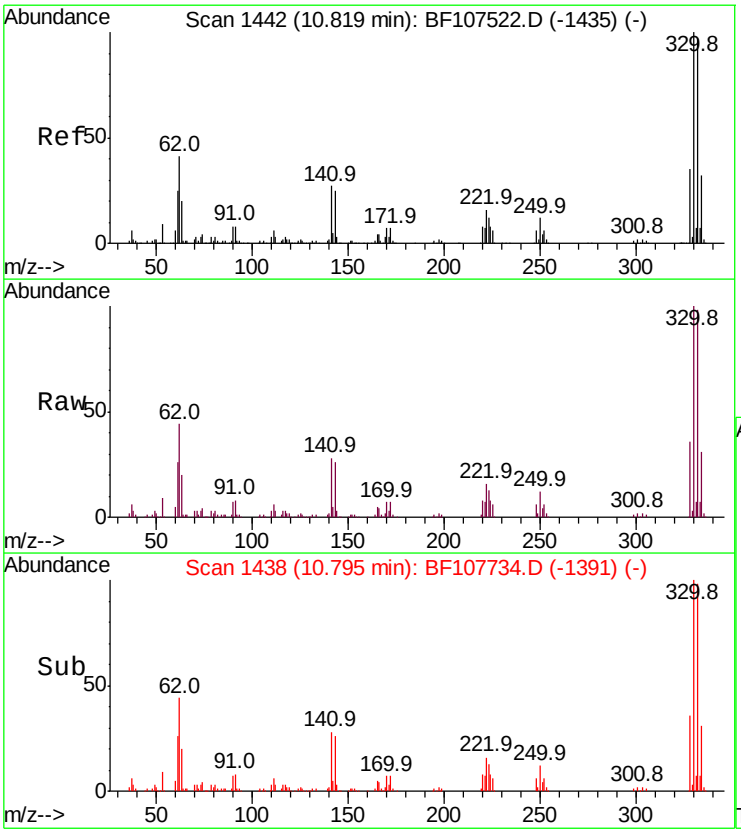
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107734.D
Acq: 27 Jul 2018 8:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 301577

Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	49.1	38.3	57.5

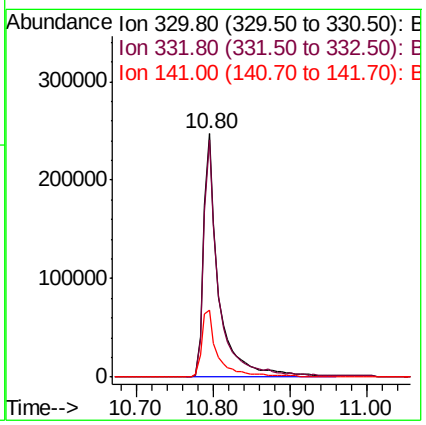


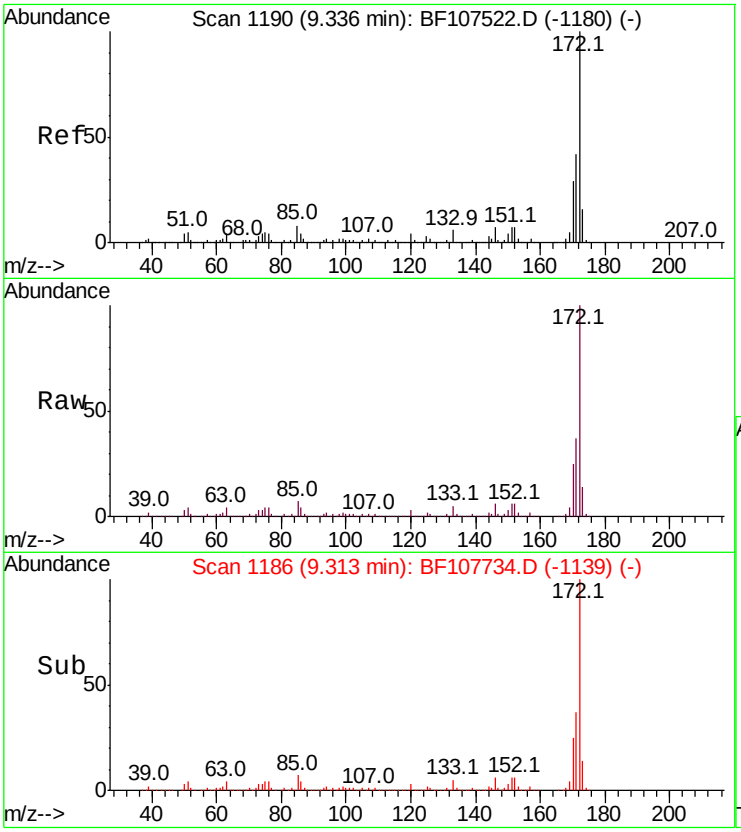


#41
2,4,6-Tribromophenol
Concen: 99.122 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF107734.D
Acq: 27 Jul 2018 8:10

Tgt Ion:330 Resp: 339929

Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.0	115.6
141	29.2	29.9	44.9#



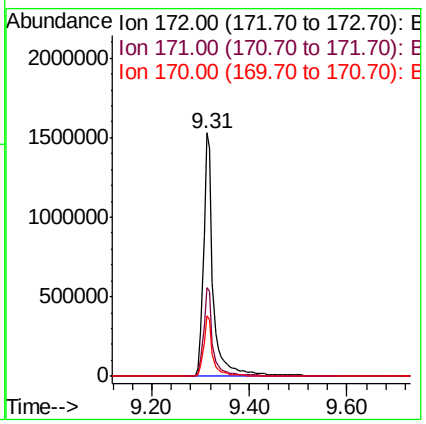


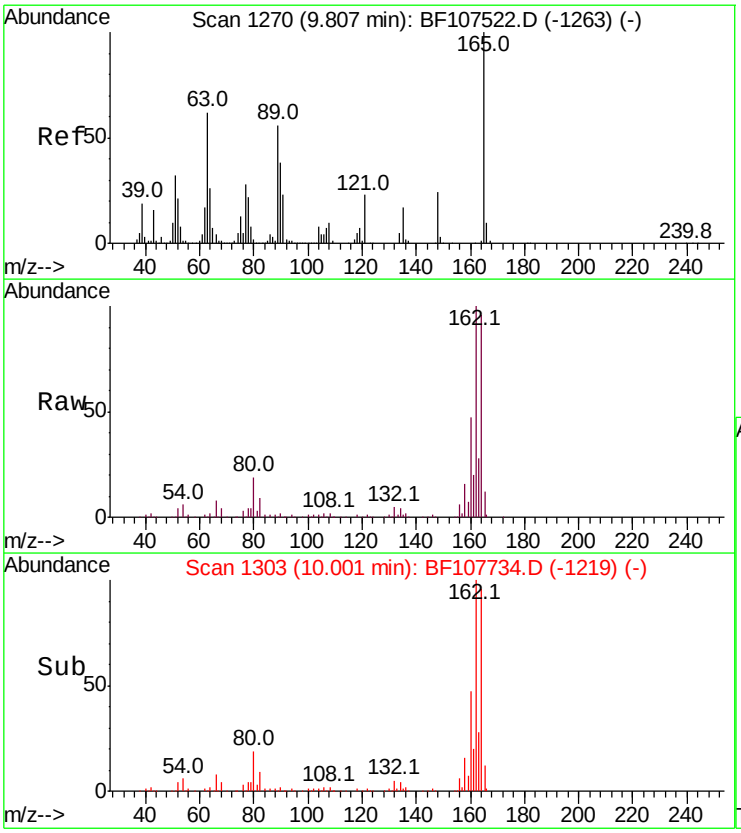
#44
2-Fluorobiphenyl
Concen: 152.452 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF107734.D
Acq: 27 Jul 2018 8:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2161705

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	25.1	19.6	29.4

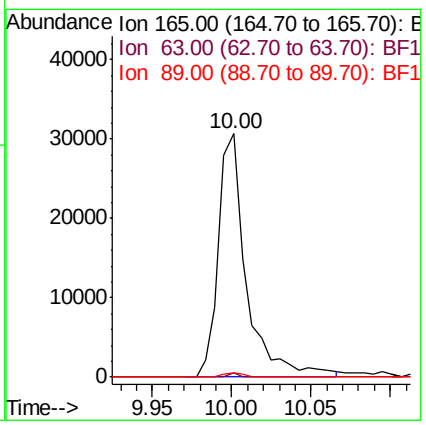


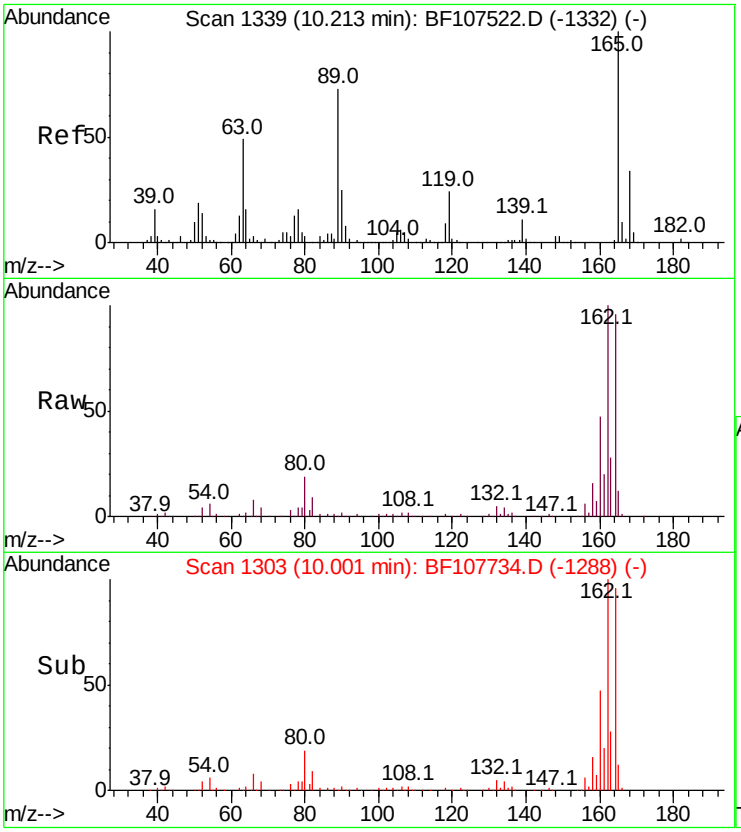


#50
2,6-Dinitrotoluene
Concen: 8.366 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.19 min
Lab File: BF107734.D
Acq: 27 Jul 2018 8:10

Tgt Ion:165 Resp: 37754

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.9	44.0	66.0#



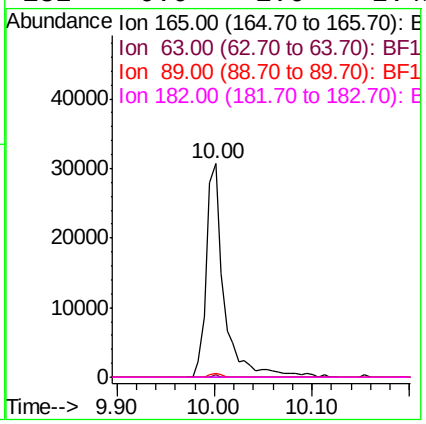


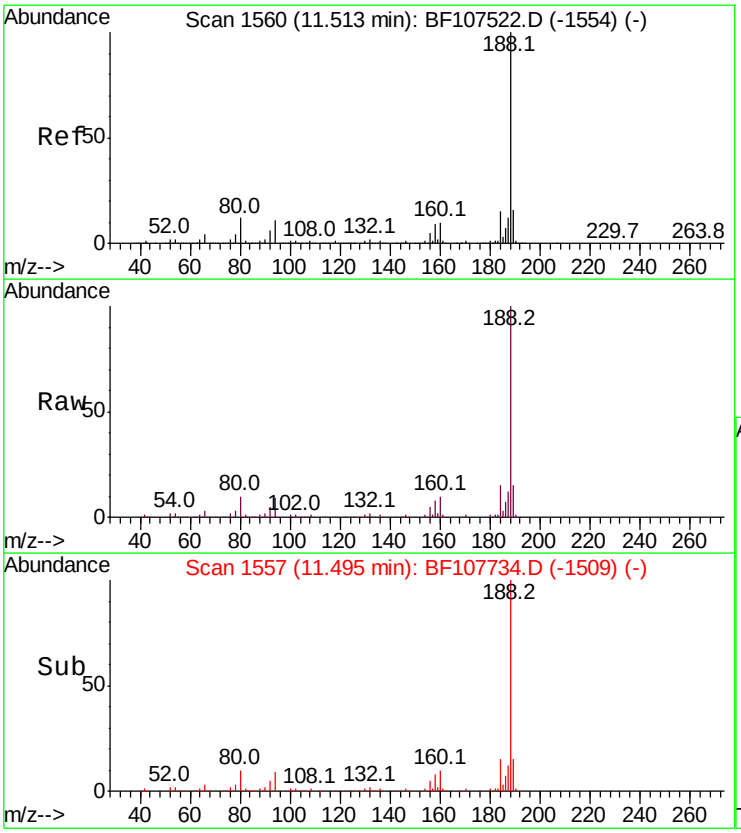
#56
2,4-Dinitrotoluene
Concen: 7.141 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF107734.D
Acq: 27 Jul 2018 8:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 38899

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

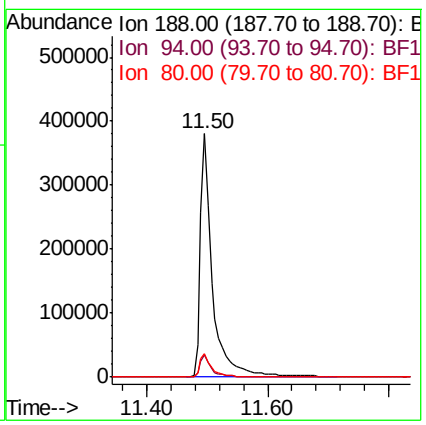


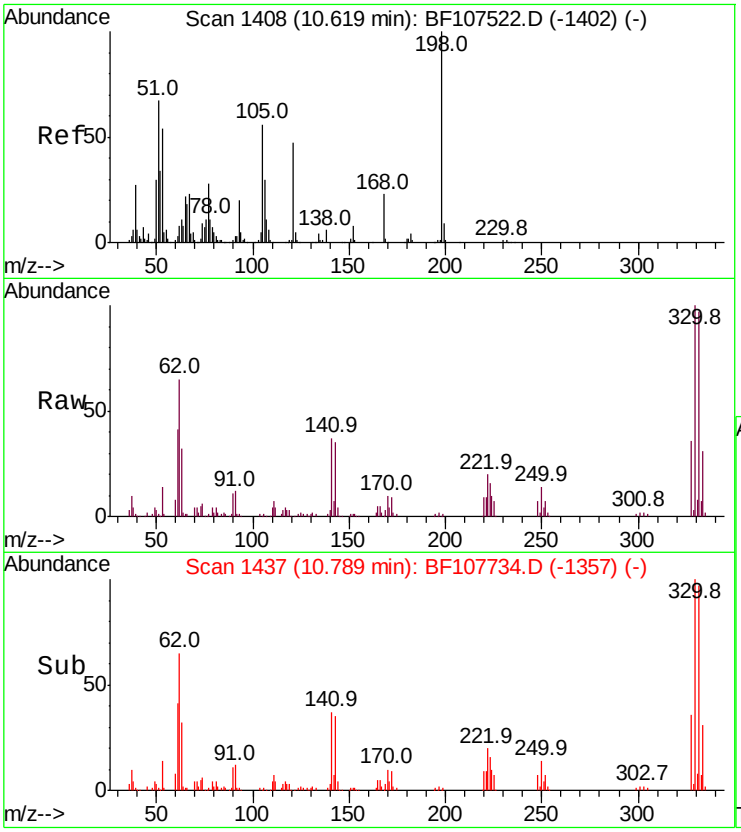


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107734.D
Acq: 27 Jul 2018 8:10

Tgt Ion:188 Resp: 536171

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.6	9.2	13.8



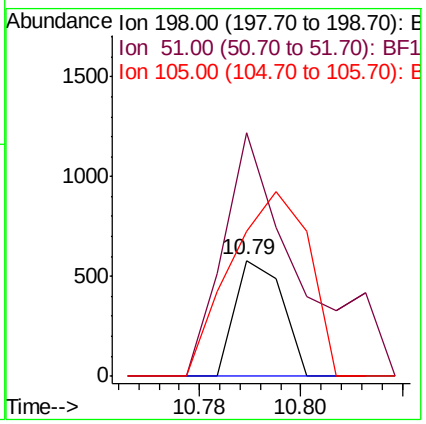


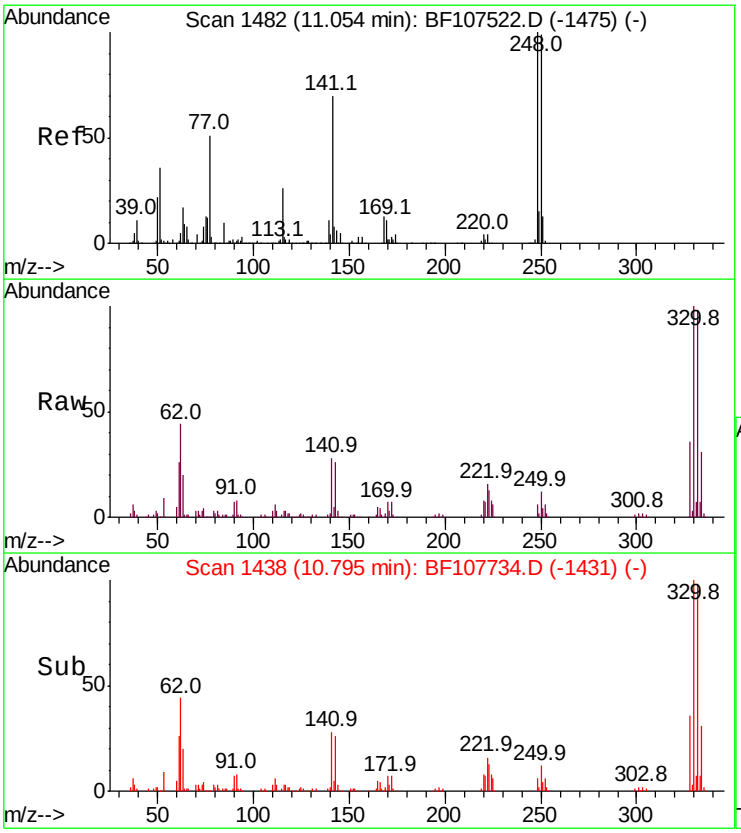
#64
4,6-Dinitro-2-methylphenol
Concen: 8.800 ng
RT: 10.79 min Scan# 1437
Delta R.T. 0.17 min
Lab File: BF107734.D
Acq: 27 Jul 2018 8:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 376

Ion	Ratio	Lower	Upper
198	100		
51	210.5	37.7	77.7#
105	125.9	36.3	76.3#

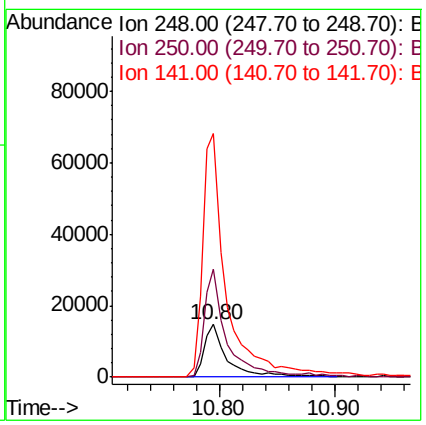


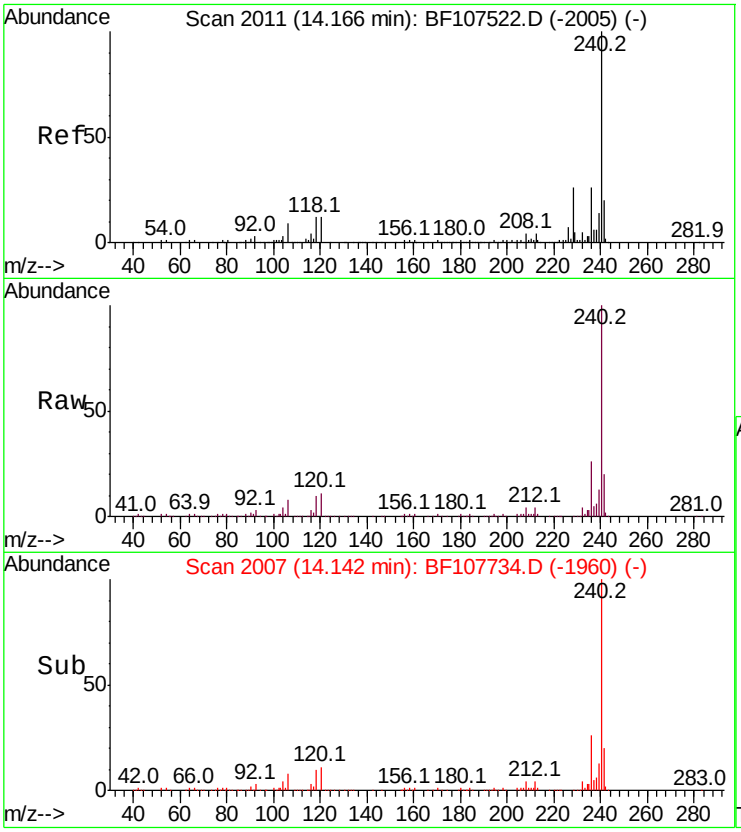


#66
4-Bromophenyl-phenylether
Concen: 3.225 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.26 min
Lab File: BF107734.D
Acq: 27 Jul 2018 8:10

Tgt Ion:248 Resp: 20352

Ion	Ratio	Lower	Upper
248	100		
250	204.7	76.9	115.3#
141	462.2	74.4	111.6#



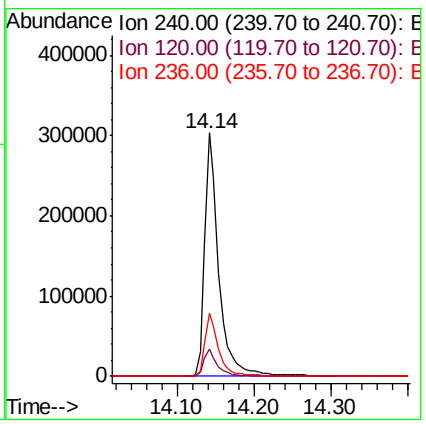


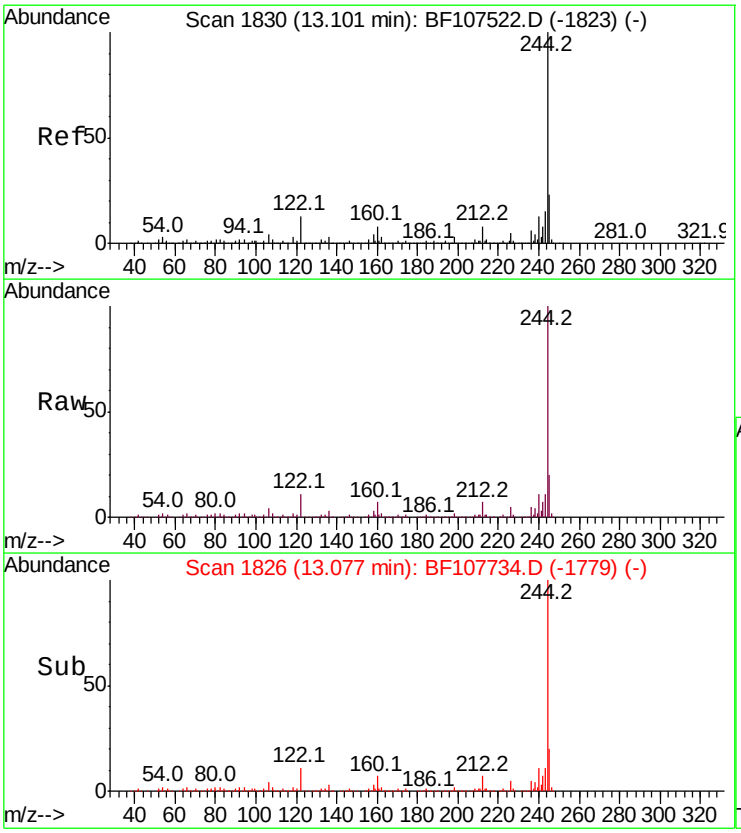
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107734.D
Acq: 27 Jul 2018 8:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 383838

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	26.1	20.7	31.1

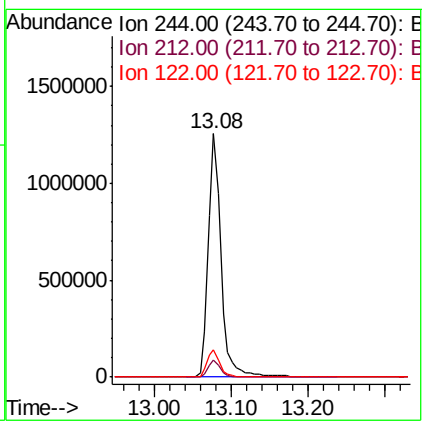


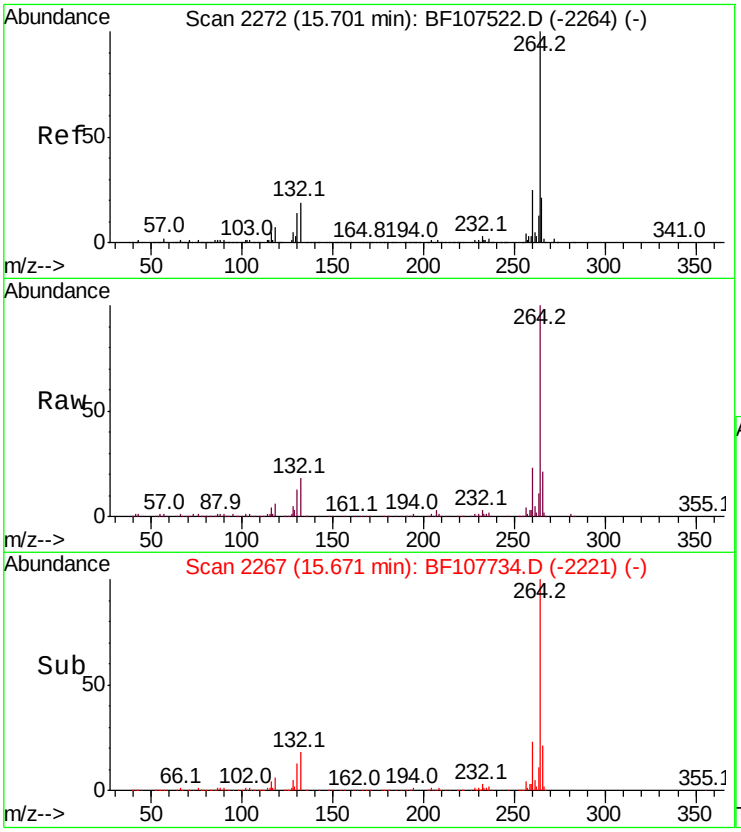


#78
Terphenyl-d14
Concen: 95.798 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF107734.D
Acq: 27 Jul 2018 8:10

Tgt Ion:244 Resp: 1436306

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.2	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.03 min
Lab File: BF107734.D
Acq: 27 Jul 2018 8:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 392958

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	17.5	26.3