Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
Data File : BF107562.D
Acq On : 21 Jul 2018 8:57
Operator : JU/SJ
Sample : J4061-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 071718-DBRI-E-U-M

Quant Time: Jul 23 03:27:01 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	339489	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1251107	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	499978	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	874393	20.00	ng	0.00
75) Chrysene-d12	14.16	240	740202	20.00	ng	0.00
86) Perylene-d12	15.69	264	548946	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	896136	42.44	ng	0.00
7) Phenol-d6	6.60	99	814839	32.14	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1917593	103.44	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	493785	86.85	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	2985678	111.08	ng	0.00
78) Terphenyl-d14	13.10	244	2443039	84.50	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	1417	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.54	70	262730	16.041	ng	# 77
25) Isophorone	7.54	82	1917580	48.445	ng	# 64
32) Benzoic acid	8.26	122	284	7.920	ng	# 1
49) Dimethylphthalate	9.72	163	351842	9.337	ng	99
56) 2,4-Dinitrotoluene	10.02	165	62859	6.961	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.81	198	878	8.851	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	30741	2.987	ng	# 1
73) Di-n-butylphthalate	12.06	149	1789	Below Cal	#	78

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

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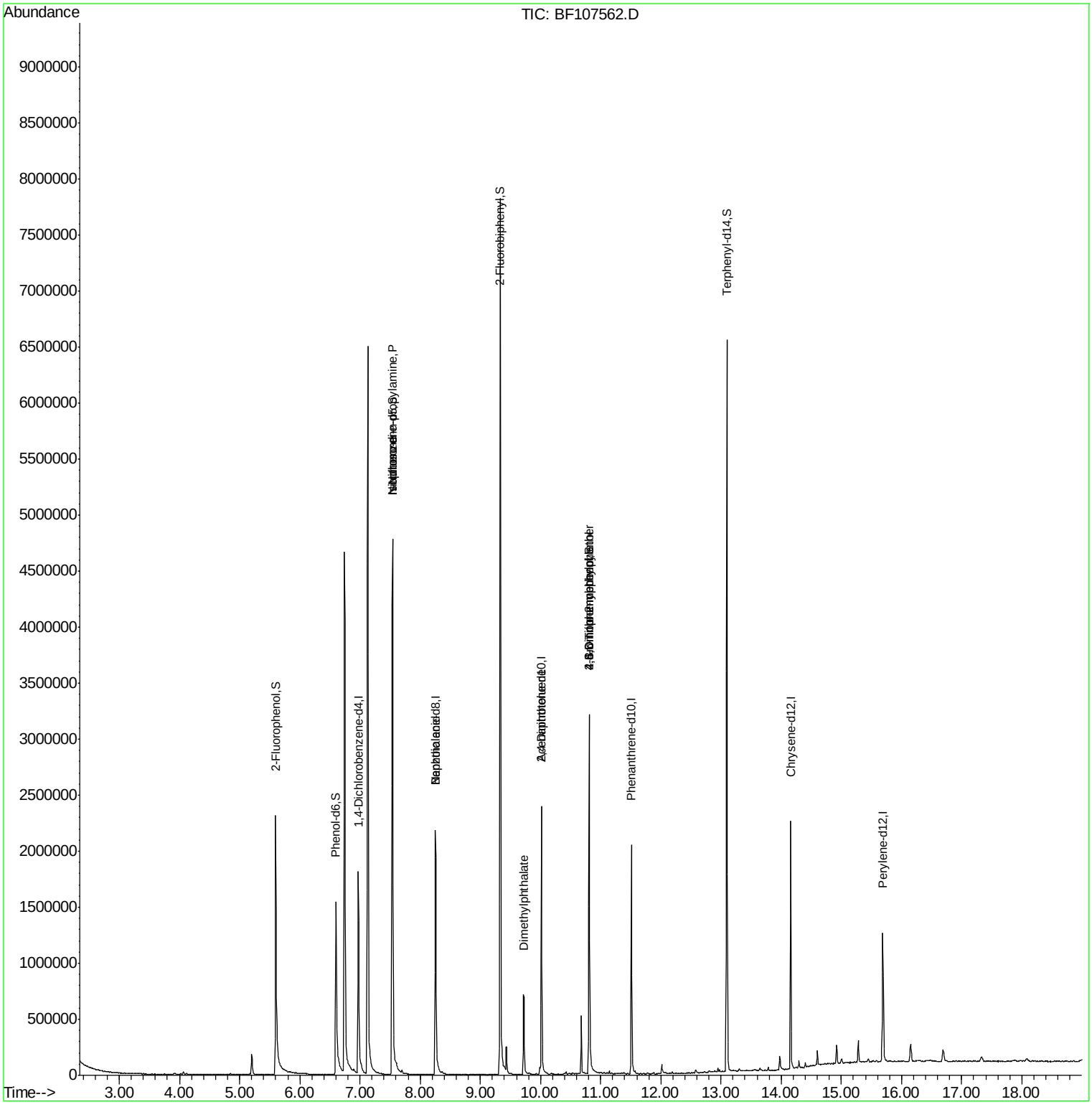
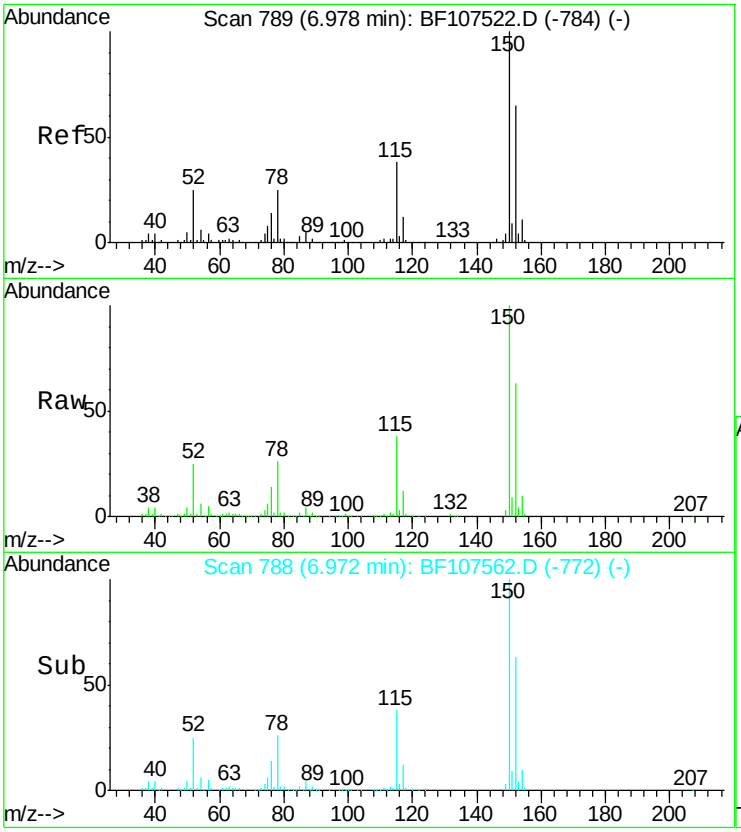


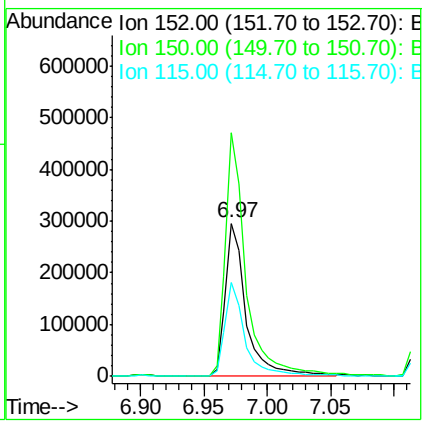


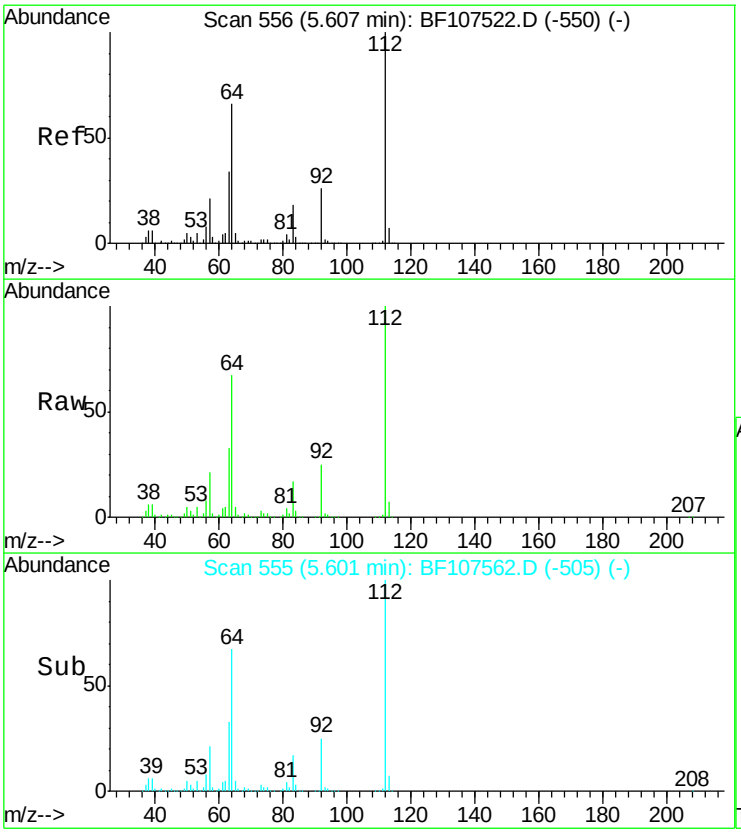
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107562.D
Acq: 21 Jul 2018 8:57

Instrument :
BNA_F
ClientSampleId :
071718-DBRI-E-U-M

Tgt Ion:152 Resp: 339489

Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	61.1	50.1	75.1

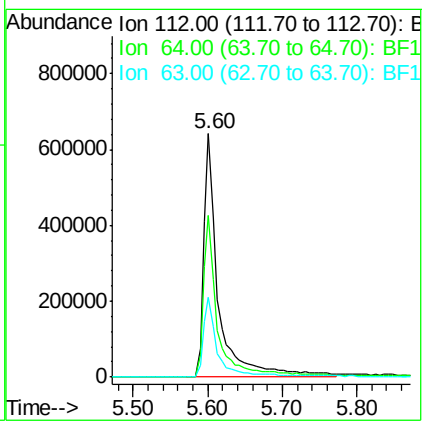


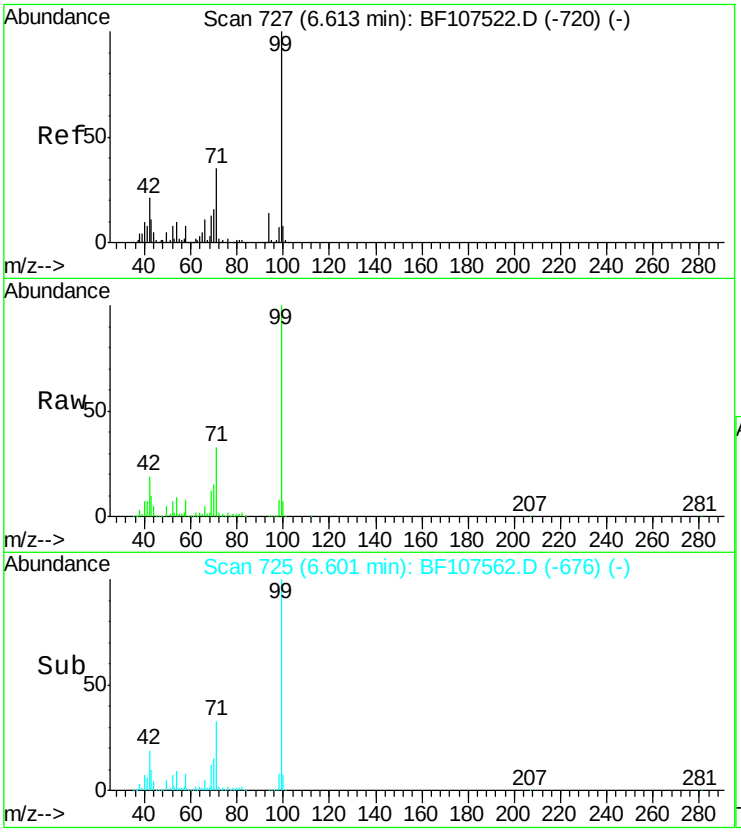


#5
2-Fluorophenol
Concen: 42.441 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107562.D
Acq: 21 Jul 2018 8:57

Tgt Ion:112 Resp: 896136

Ion	Ratio	Lower	Upper
112	100		
64	66.6	47.9	71.9
63	33.0	23.7	35.5



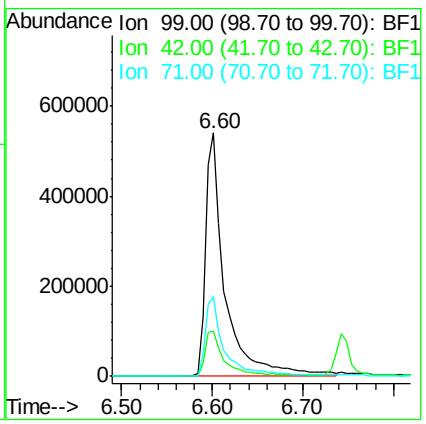


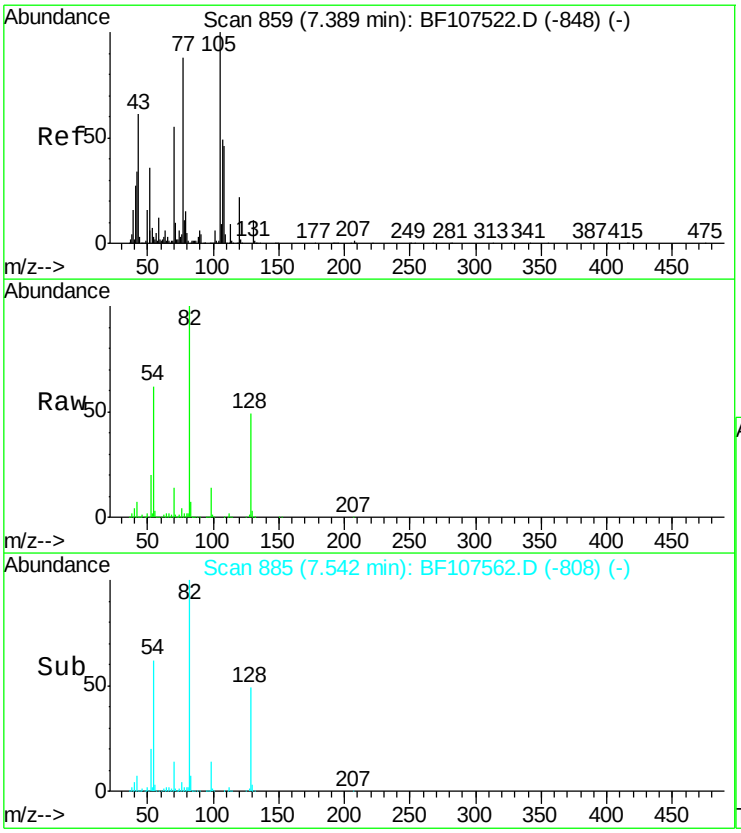
#7
Phenol-d6
Concen: 32.139 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107562.D
Acq: 21 Jul 2018 8:57

Instrument :
BNA_F
ClientSampleId :
071718-DBRI-E-U-M

Tgt Ion: 99 Resp: 814839

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	32.5	25.4	38.0

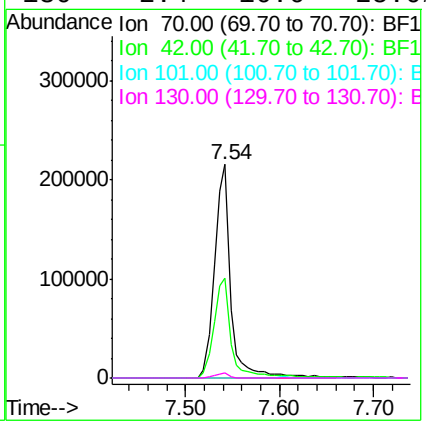


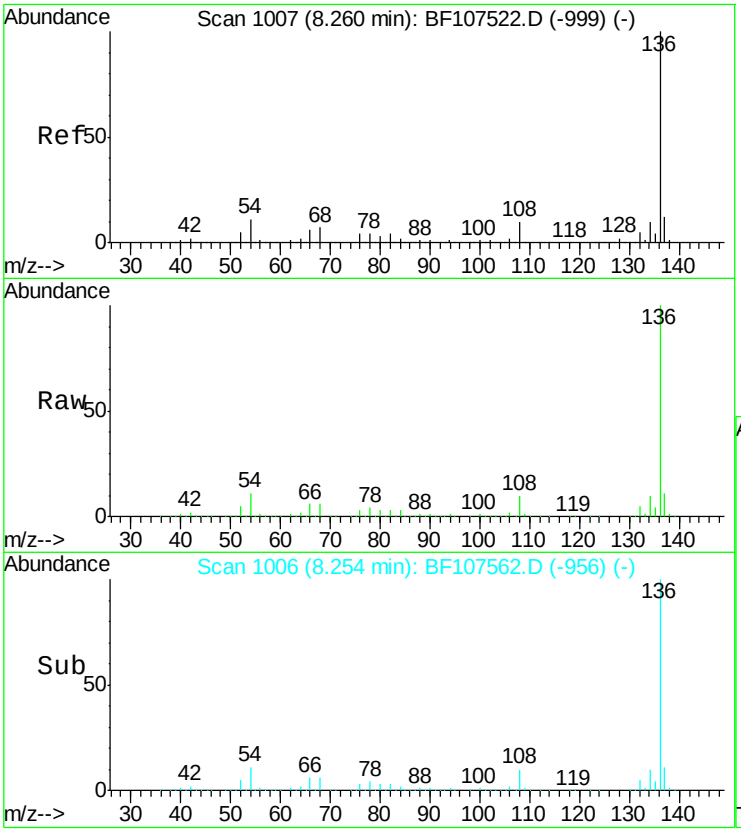


#19
n-Nitroso-di-n-propylamine
Concen: 16.041 ng
RT: 7.54 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF107562.D
Acq: 21 Jul 2018 8:57

Tgt Ion: 70 Resp: 262730

Ion	Ratio	Lower	Upper
70	100		
42	46.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



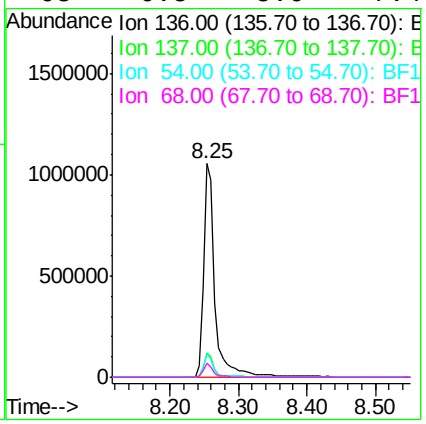


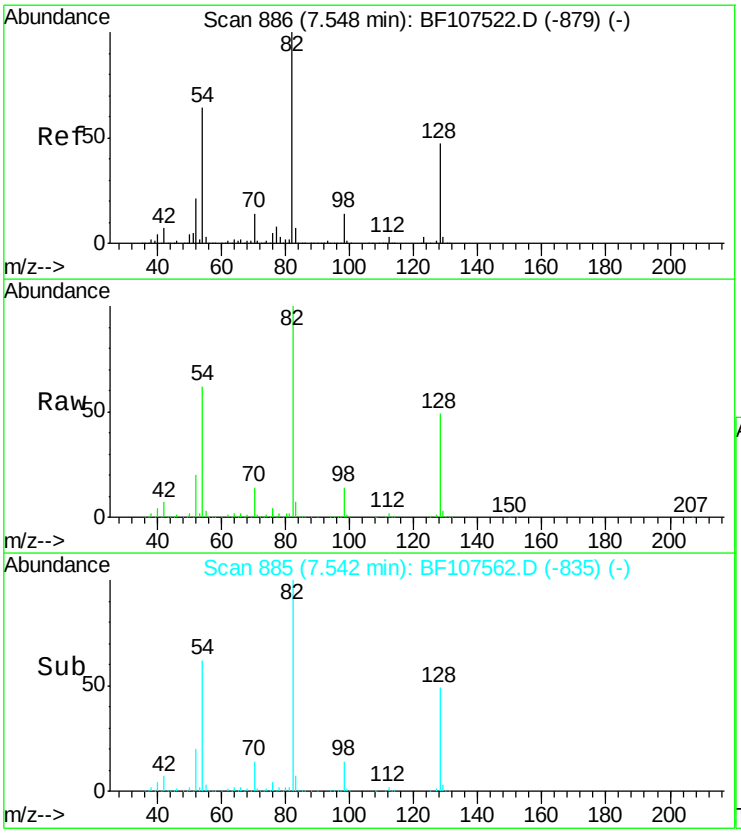
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF107562.D
Acq: 21 Jul 2018 8:57

Instrument :
BNA_F
ClientSampleId :
071718-DBRI-E-U-M

Tgt Ion:136 Resp: 1251107

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	10.6	6.6	9.8#
68	6.5	5.0	7.4

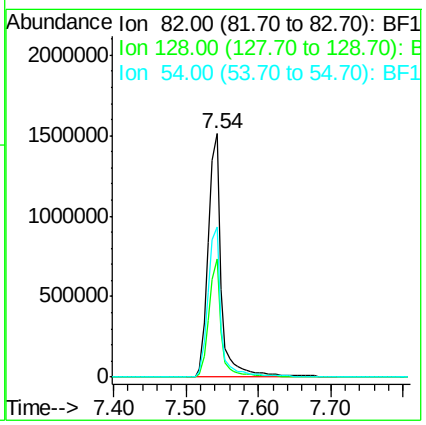


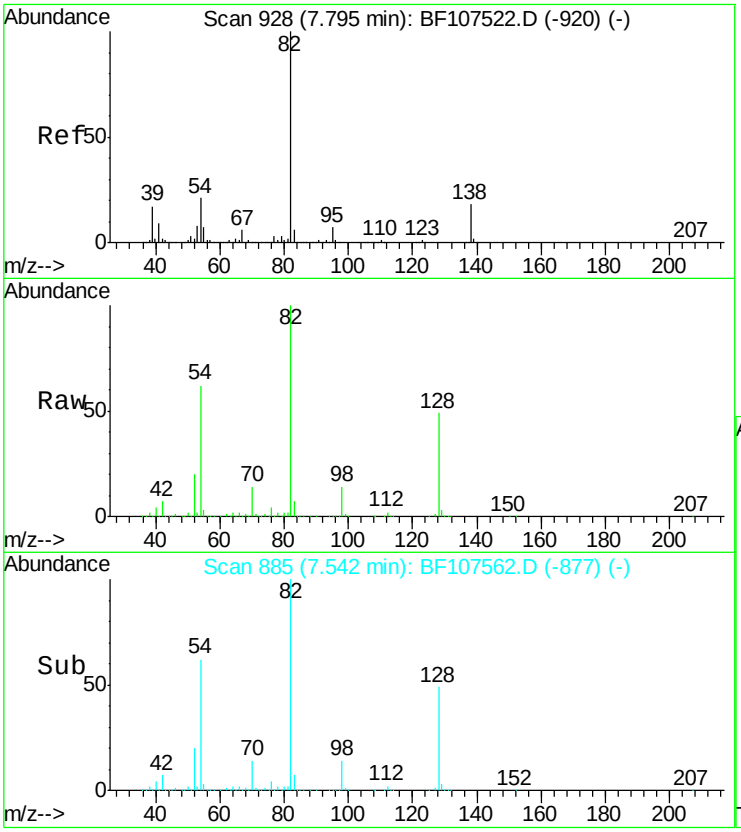


#23
Nitrobenzene-d5
Concen: 103.439 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF107562.D
Acq: 21 Jul 2018 8:57

Tgt Ion: 82 Resp: 1917593

Ion	Ratio	Lower	Upper
82	100		
128	48.7	36.1	54.1
54	61.8	41.4	62.2



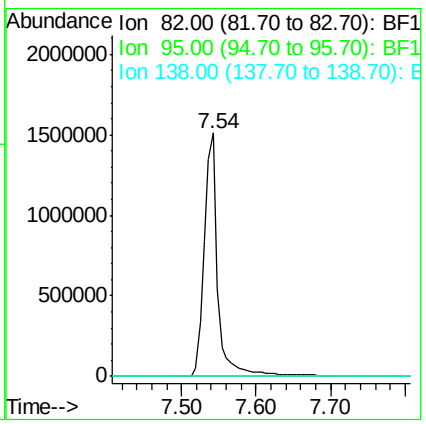


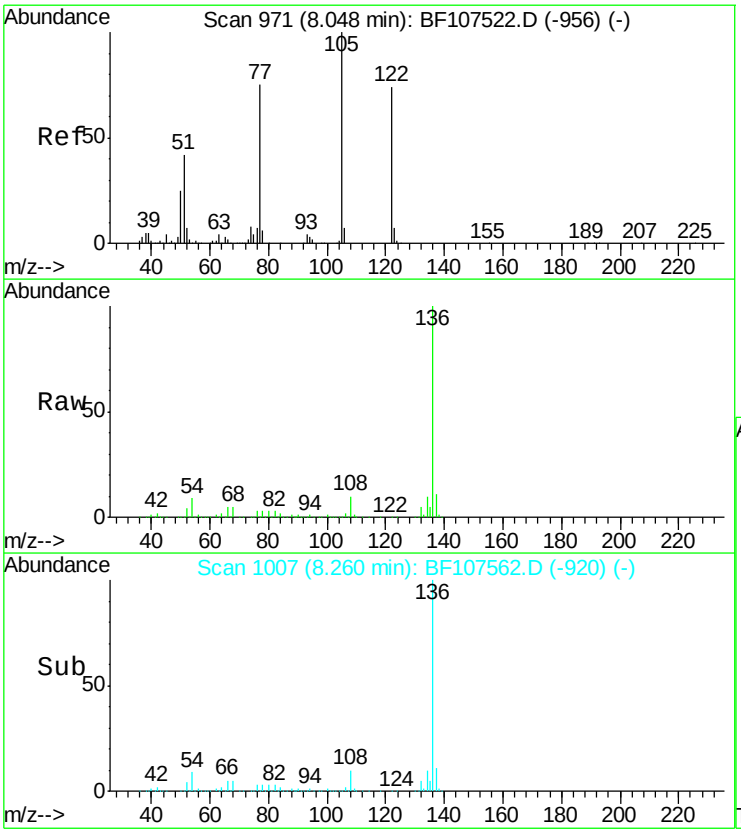
#25
Isophorone
Concen: 48.445 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.25 min
Lab File: BF107562.D
Acq: 21 Jul 2018 8:57

Instrument :
BNA_F
ClientSampleId :
071718-DBRI-E-U-M

Tgt Ion: 82 Resp: 1917580

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

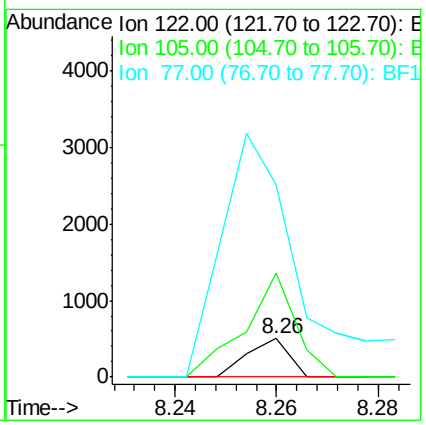


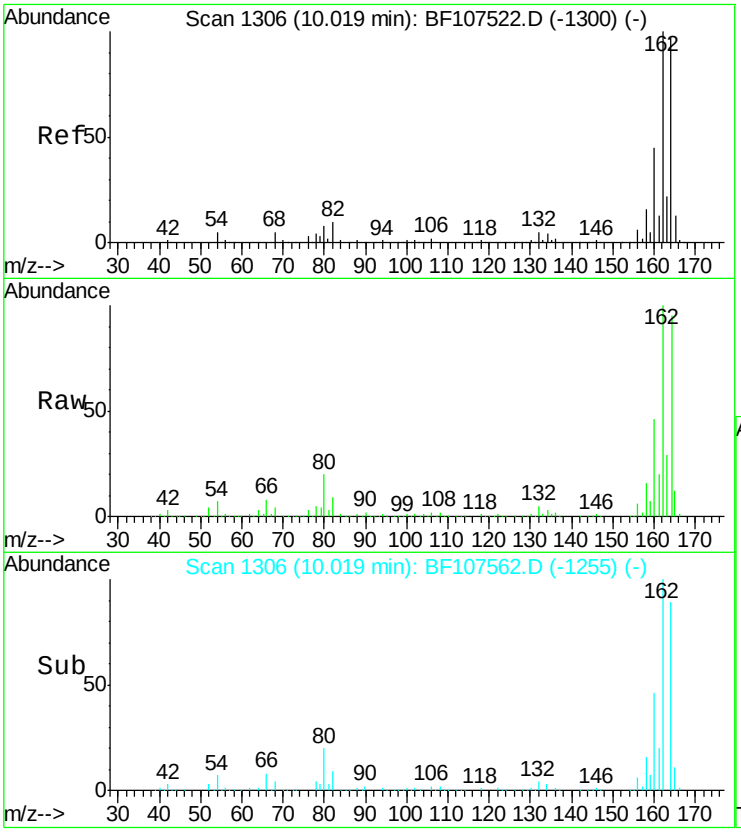


#32
Benzoic acid
Concen: 7.920 ng
RT: 8.26 min Scan# 1007
Delta R.T. 0.21 min
Lab File: BF107562.D
Acq: 21 Jul 2018 8:57

Tgt Ion:122 Resp: 284

Ion	Ratio	Lower	Upper
122	100		
105	271.8	101.1	141.1#
77	502.6	70.7	110.7#



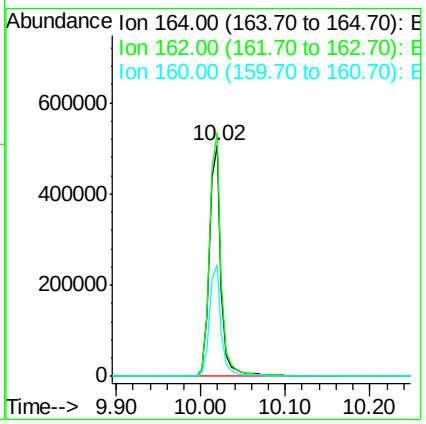


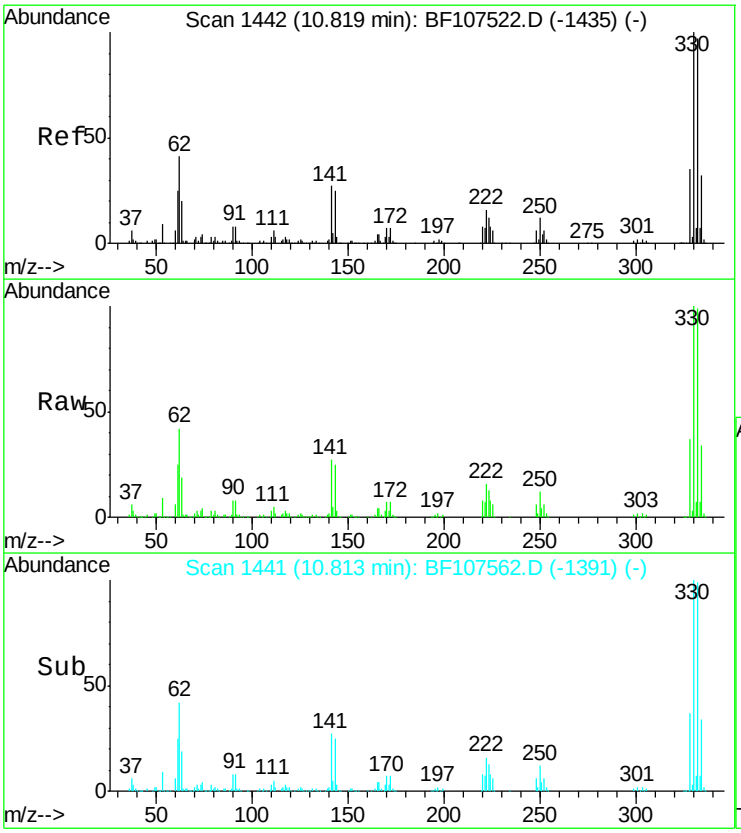
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF107562.D
Acq: 21 Jul 2018 8:57

Instrument :
BNA_F
ClientSampleId :
071718-DBRI-E-U-M

Tgt Ion:164 Resp: 499978

Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	48.2	38.3	57.5

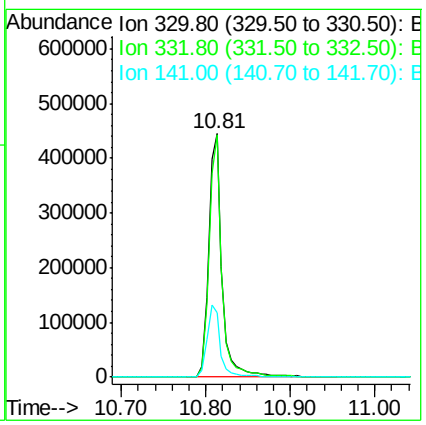


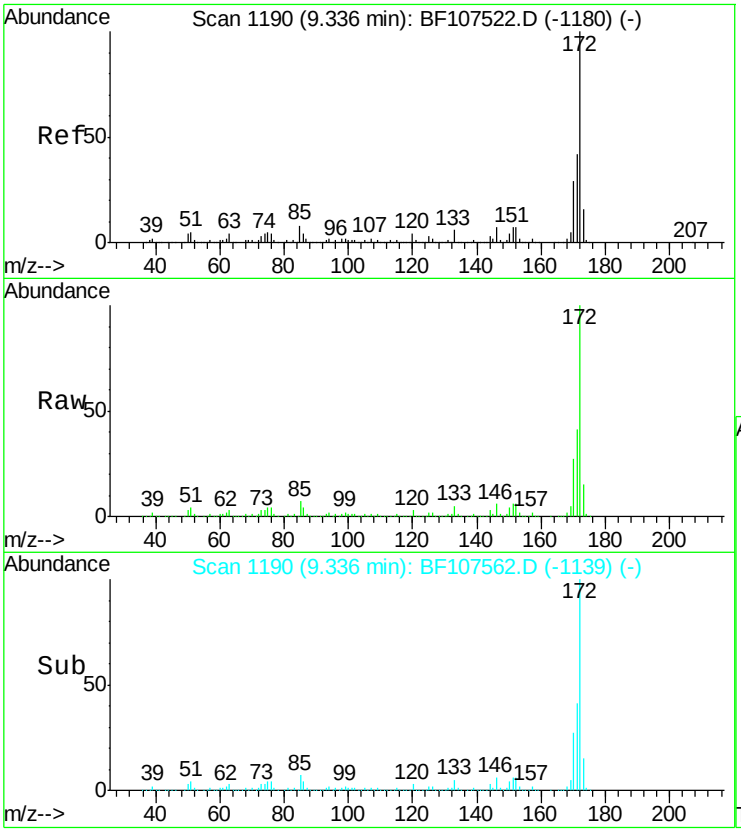


#41
2,4,6-Tribromophenol
Concen: 86.849 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF107562.D
Acq: 21 Jul 2018 8:57

Tgt Ion:330 Resp: 493785

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	30.2	29.9	44.9



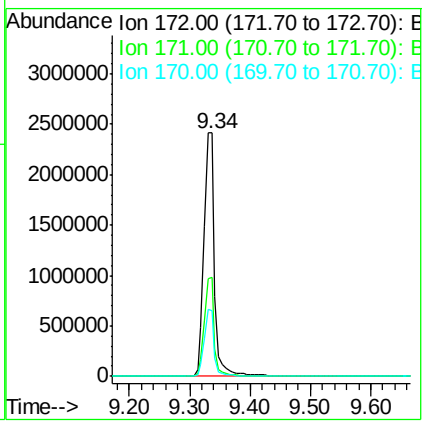


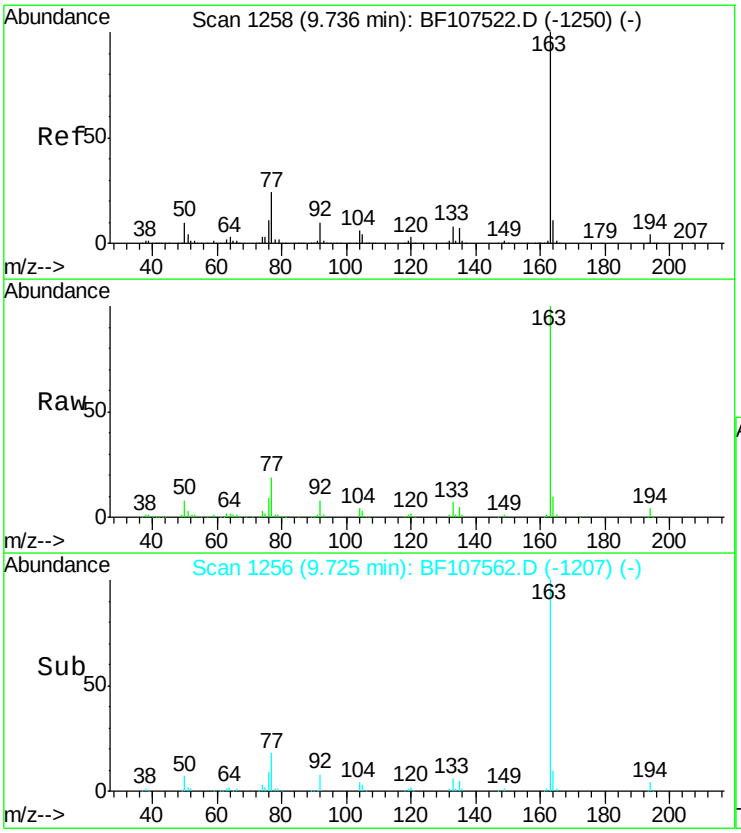
#44
2-Fluorobiphenyl
Concen: 111.081 ng
RT: 9.34 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF107562.D
Acq: 21 Jul 2018 8:57

Instrument :
BNA_F
ClientSampleId :
071718-DBRI-E-U-M

Tgt Ion:172 Resp: 2985678

Ion	Ratio	Lower	Upper
172	100		
171	40.7	29.7	44.5
170	27.2	19.6	29.4

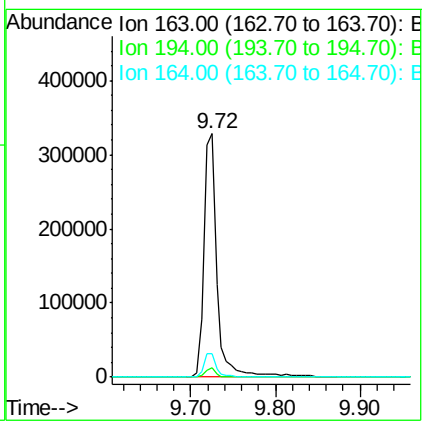


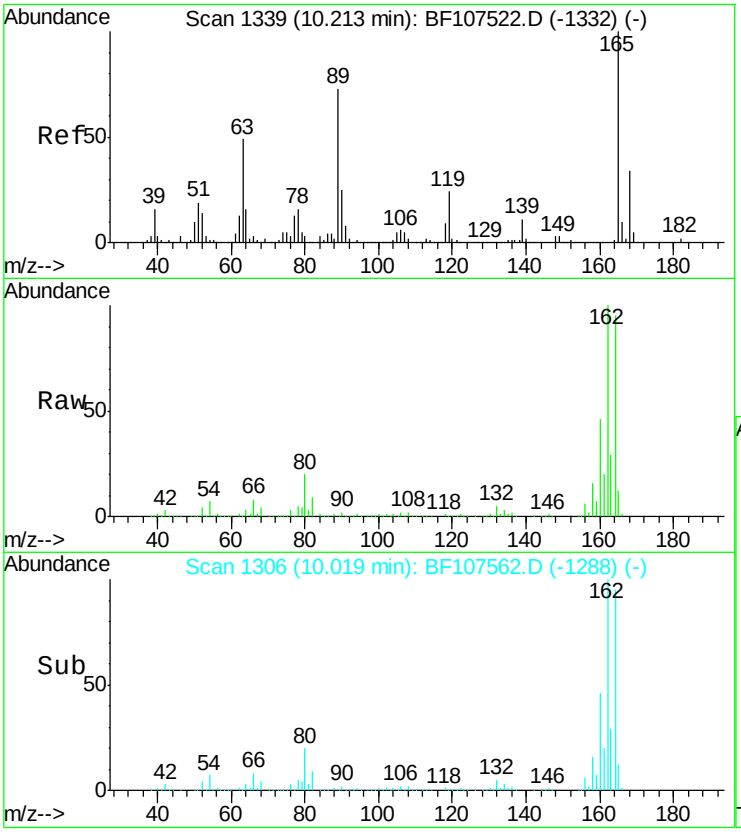


#49
Dimethylphthalate
Concen: 9.337 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF107562.D
Acq: 21 Jul 2018 8:57

Tgt Ion:163 Resp: 351842

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.6	8.2	12.2



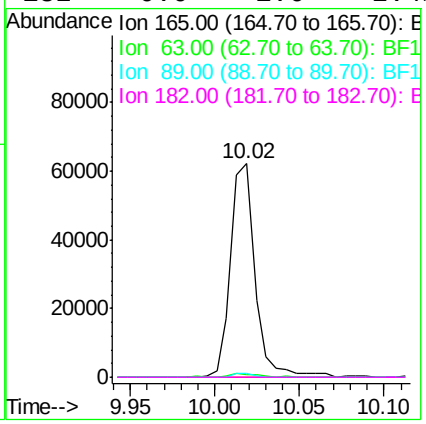


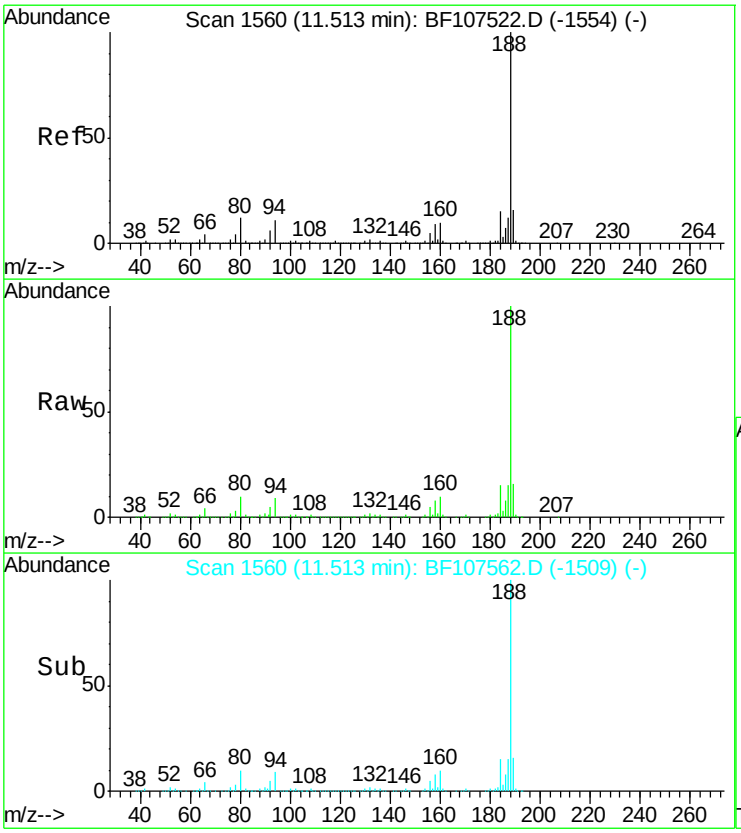
#56
2,4-Dinitrotoluene
Concen: 6.961 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.19 min
Lab File: BF107562.D
Acq: 21 Jul 2018 8:57

Instrument :
BNA_F
ClientSampleId :
071718-DBRI-E-U-M

Tgt Ion:165 Resp: 62859

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

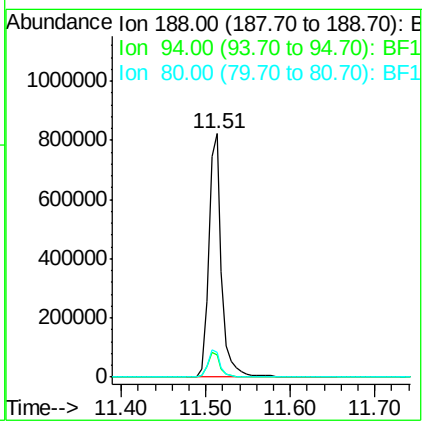


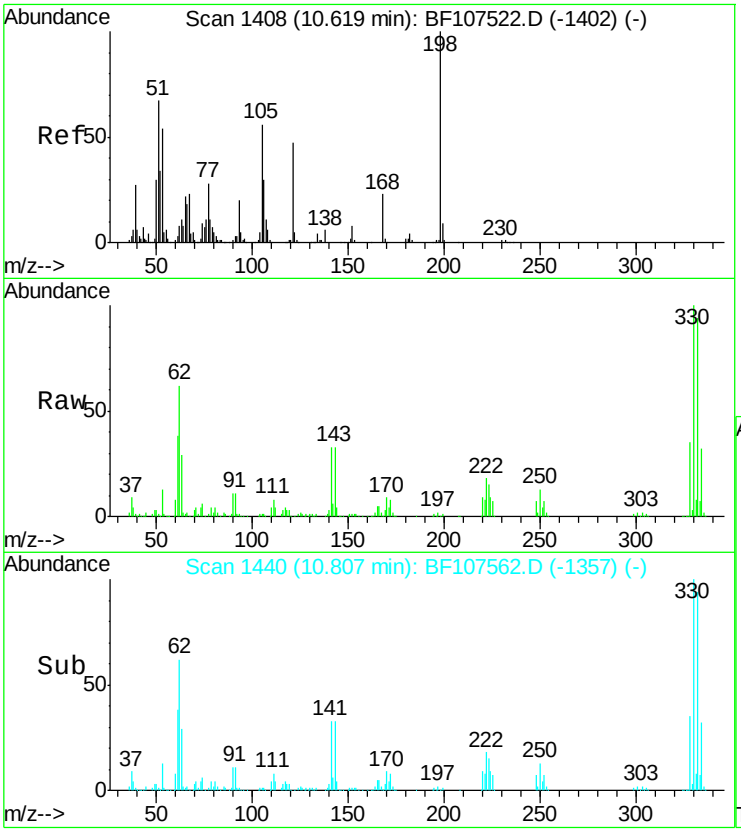


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF107562.D
Acq: 21 Jul 2018 8:57

Tgt Ion:188 Resp: 874393

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.0	9.2	13.8



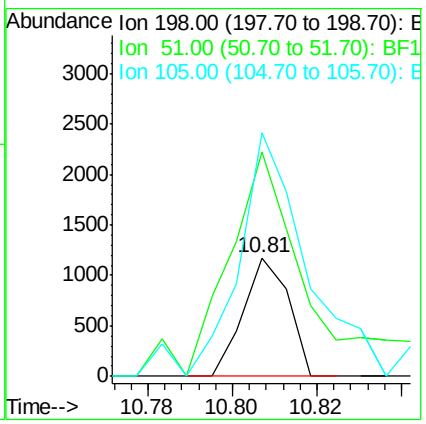


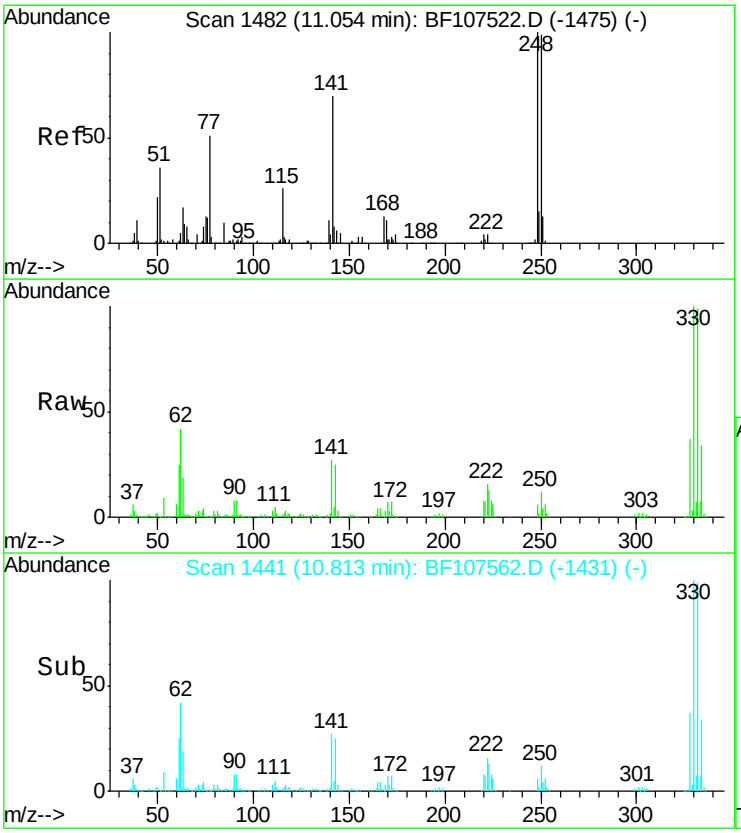
#64
4,6-Dinitro-2-methylphenol
Concen: 8.851 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.19 min
Lab File: BF107562.D
Acq: 21 Jul 2018 8:57

Instrument :
BNA_F
ClientSampleId :
071718-DBRI-E-U-M

Tgt Ion:198 Resp: 878

Ion	Ratio	Lower	Upper
198	100		
51	189.1	37.7	77.7#
105	204.9	36.3	76.3#

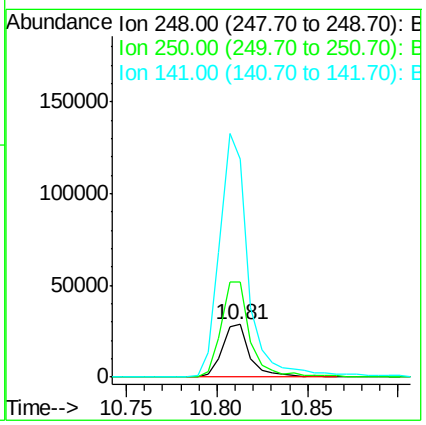


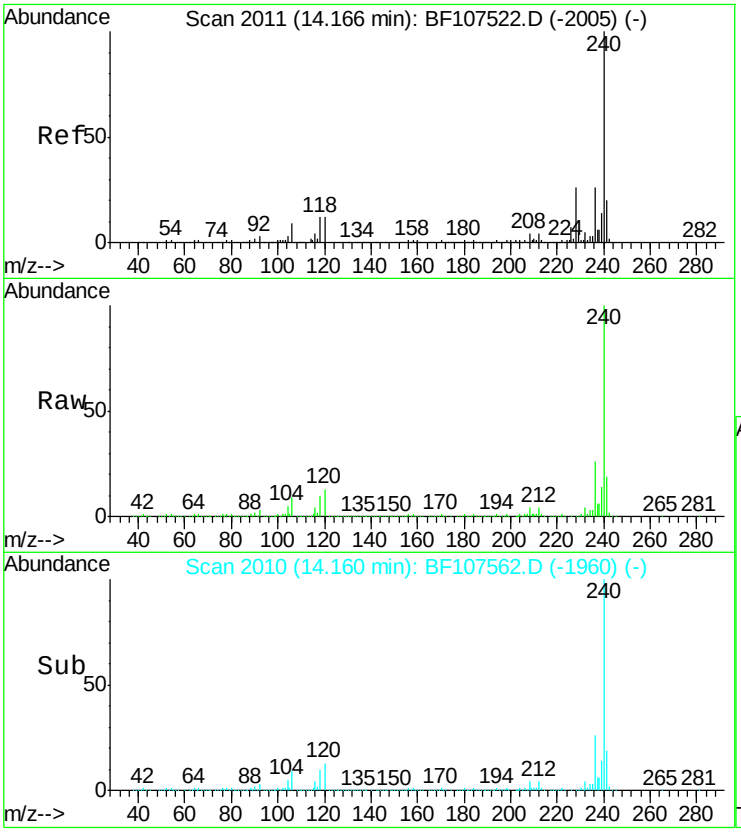


#66
4-Bromophenyl-phenylether
Concen: 2.987 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.24 min
Lab File: BF107562.D
Acq: 21 Jul 2018 8:57

Tgt Ion:248 Resp: 30741

Ion	Ratio	Lower	Upper
248	100		
250	182.2	76.9	115.3#
141	415.7	74.4	111.6#



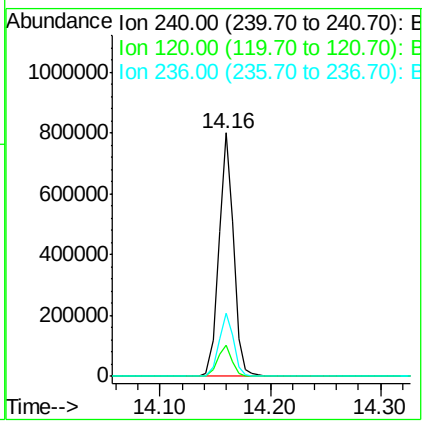


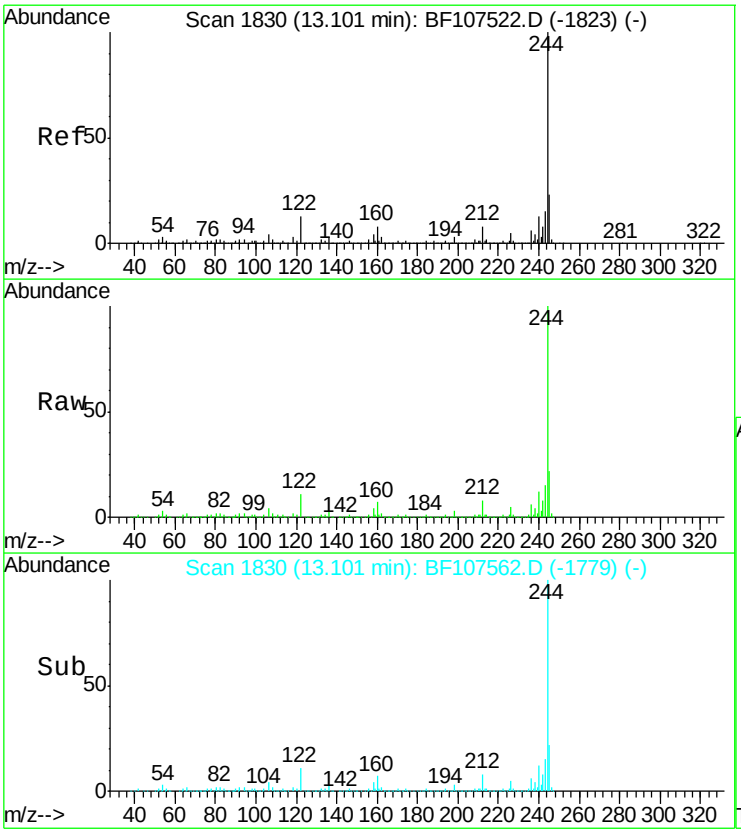
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107562.D
Acq: 21 Jul 2018 8:57

Instrument :
BNA_F
ClientSampleId :
071718-DBRI-E-U-M

Tgt Ion:240 Resp: 740202

Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.5	14.3
236	26.0	20.7	31.1

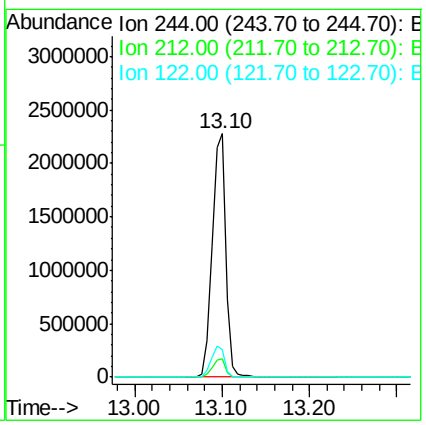


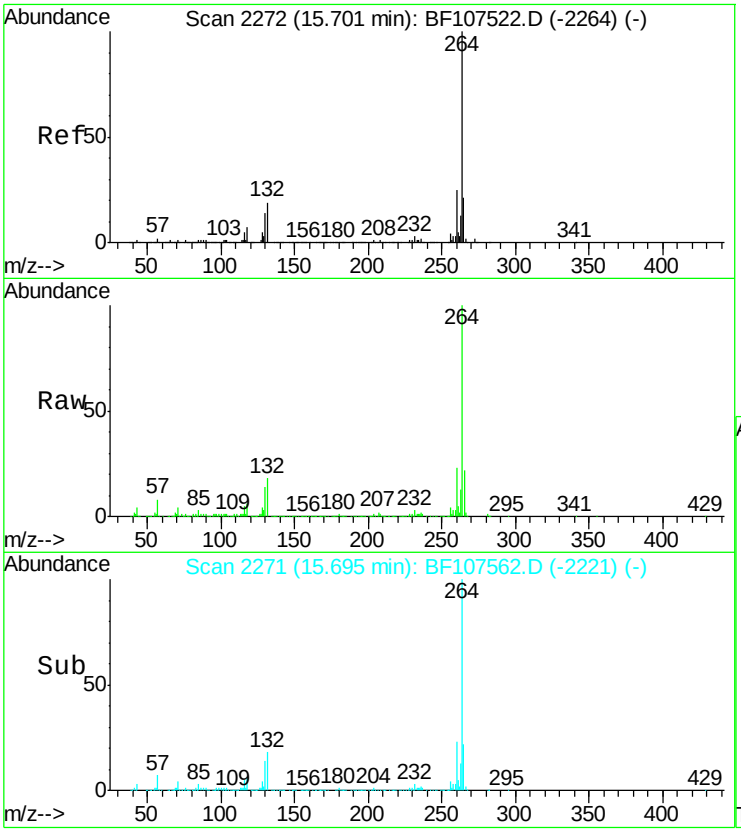


#78
Terphenyl-d14
Concen: 84.496 ng
RT: 13.10 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF107562.D
Acq: 21 Jul 2018 8:57

Tgt Ion:244 Resp: 2443039

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	11.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF107562.D
Acq: 21 Jul 2018 8:57

Instrument :
BNA_F
ClientSampleId :
071718-DBRI-E-U-M

Tgt Ion:264 Resp: 548946

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.7	17.5	26.3