Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
Data File : BF108452.D
Acq On : 24 Aug 2018 6:26
Operator : JU/SJ
Sample : J4582-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 082018-DBRI-E-D-S

Quant Time: Aug 24 07:58:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	135810	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	496669	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	231625	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	376625	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	288764	20.00	ng	-0.01
86) Perylene-d12	15.74	264	253981	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	299925	39.98	ng	0.00
7) Phenol-d6	6.61	99	253515	25.43	ng	-0.02
23) Nitrobenzene-d5	7.57	82	816122	91.69	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	172467	74.65	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	1477722	102.43	ng	0.00
78) Terphenyl-d14	13.12	244	1067549	94.00	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.57	70	111463	16.535	ng	# 81
25) Isophorone	7.57	82	816109	48.105	ng	# 64
49) Dimethylphthalate	9.75	163	46550	2.885	ng	99
50) 2,6-Dinitrotoluene	10.04	165	29547	8.753	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	29547	6.800	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.84	198	262	5.523	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	11036	2.696	ng	# 1

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

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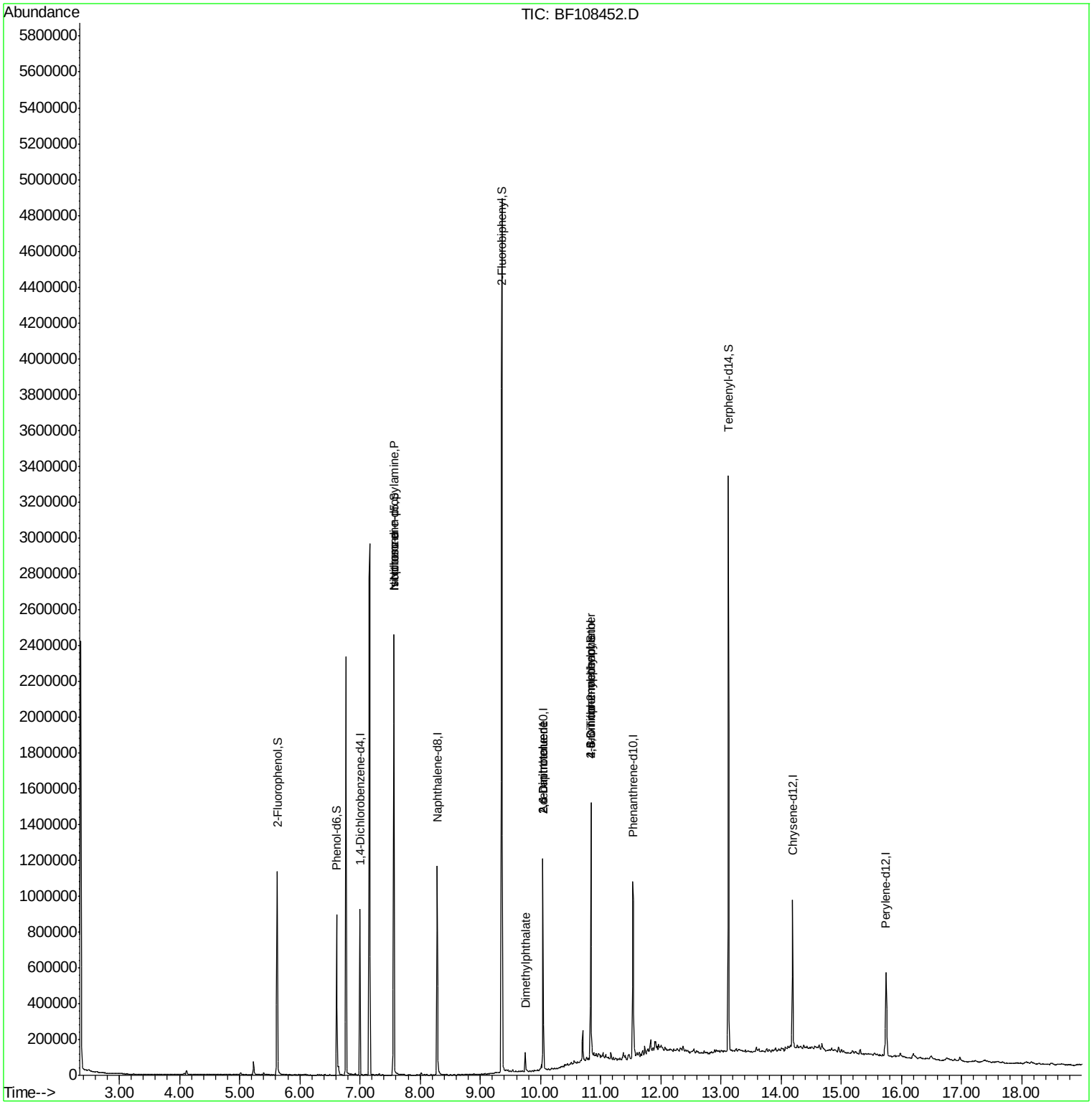
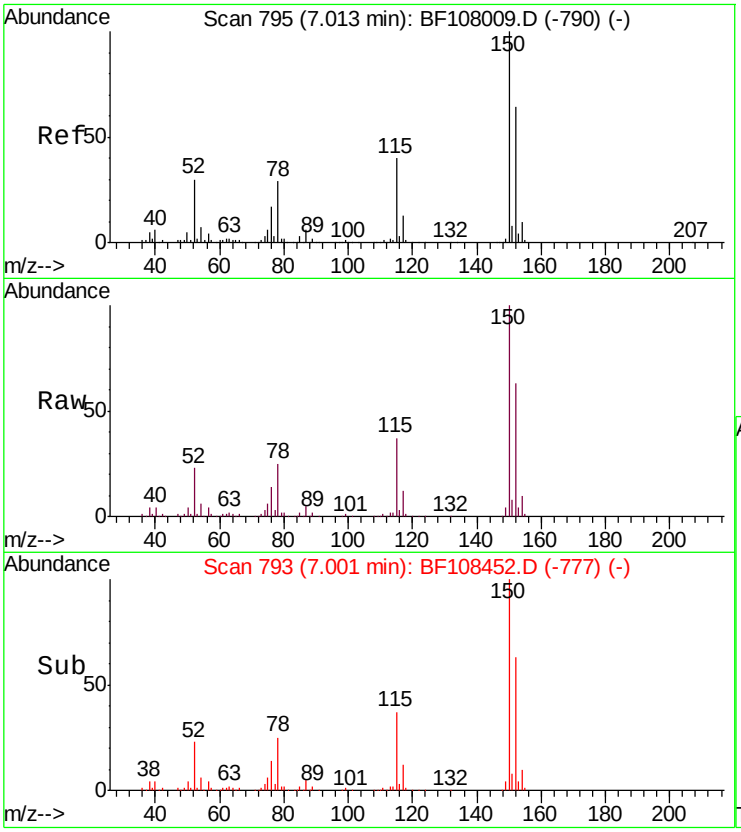


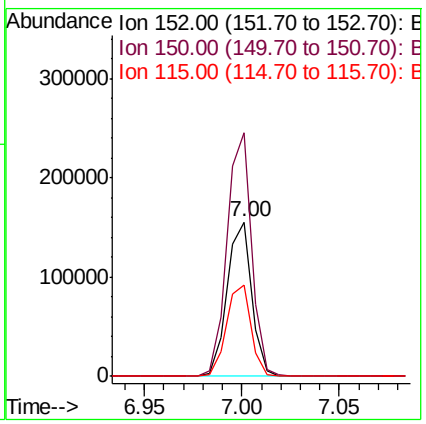


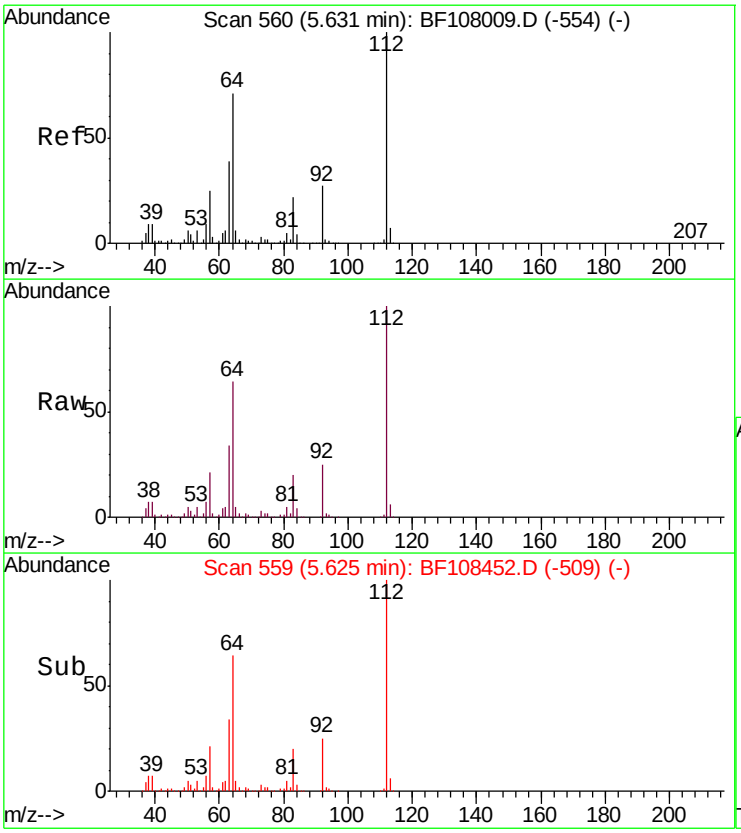
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108452.D
Acq: 24 Aug 2018 6:26

Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-D-S

Tgt Ion:152 Resp: 135810

Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	58.9	50.1	75.1

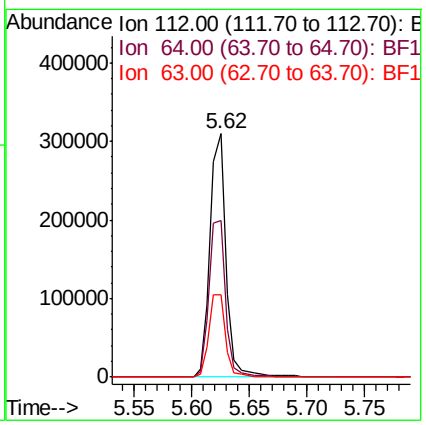


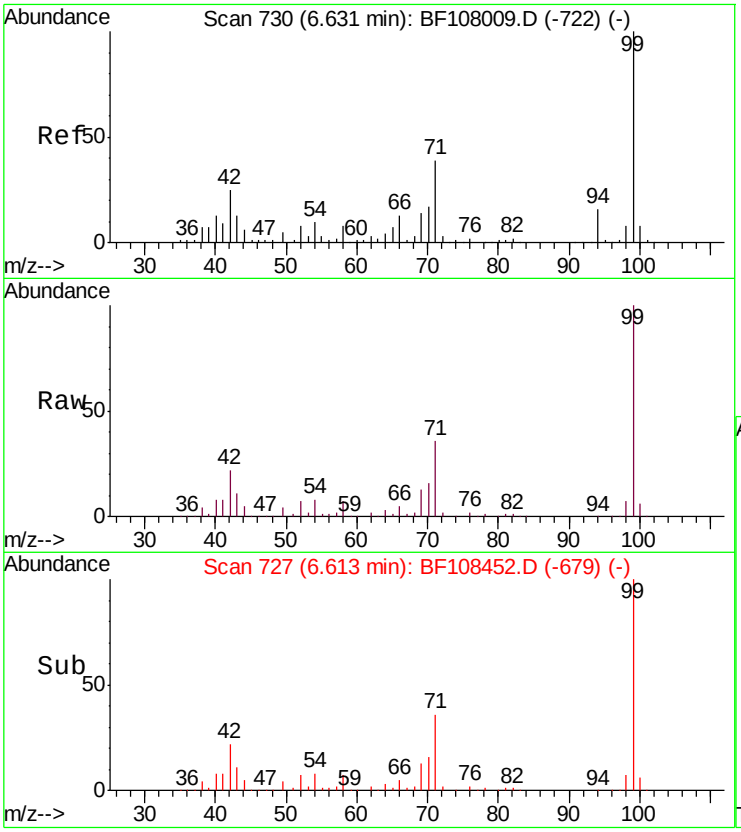


#5
2-Fluorophenol
Concen: 39.982 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108452.D
Acq: 24 Aug 2018 6:26

Tgt Ion:112 Resp: 299925

Ion	Ratio	Lower	Upper
112	100		
64	64.3	47.9	71.9
63	34.0	23.7	35.5



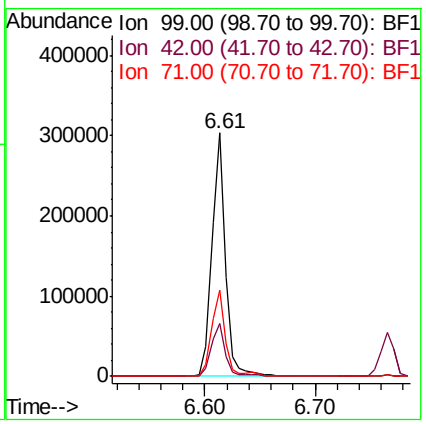


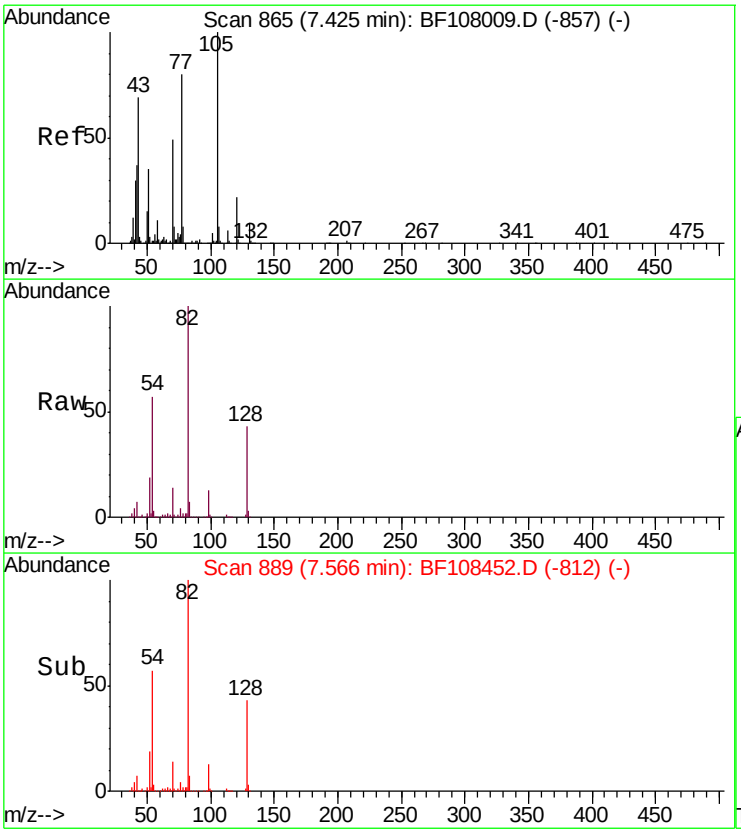
#7
Phenol-d6
Concen: 25.432 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF108452.D
Acq: 24 Aug 2018 6:26

Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-D-S

Tgt Ion: 99 Resp: 253515

Ion	Ratio	Lower	Upper
99	100		
42	21.6	14.5	21.7
71	35.5	25.4	38.0

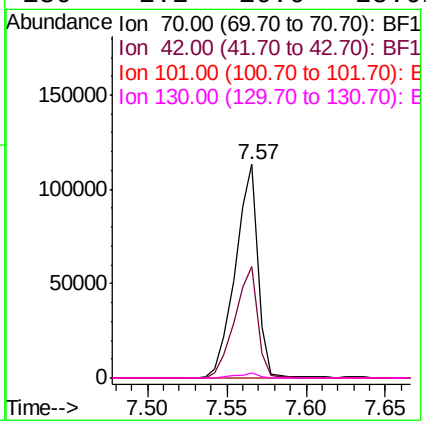


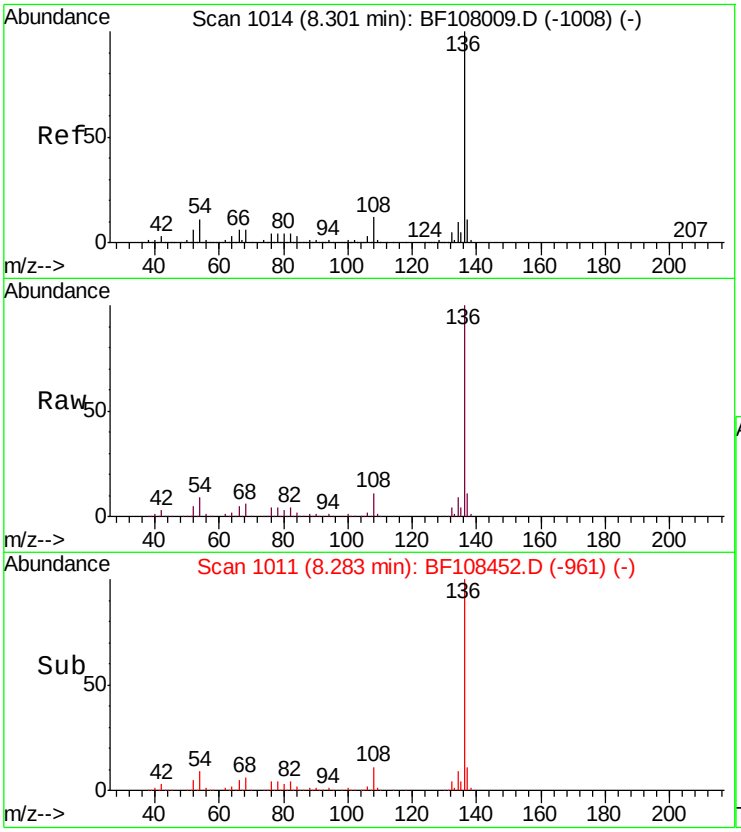


#19
n-Nitroso-di-n-propylamine
Concen: 16.535 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108452.D
Acq: 24 Aug 2018 6:26

Tgt Ion: 70 Resp: 111463

Ion	Ratio	Lower	Upper
70	100		
42	51.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



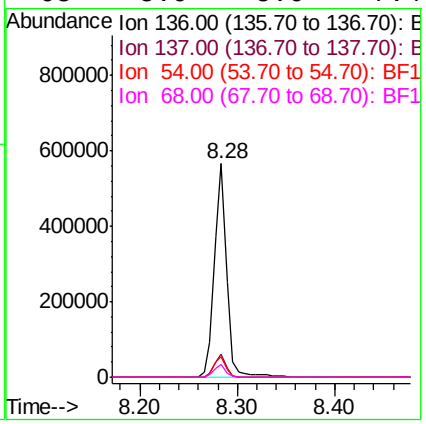


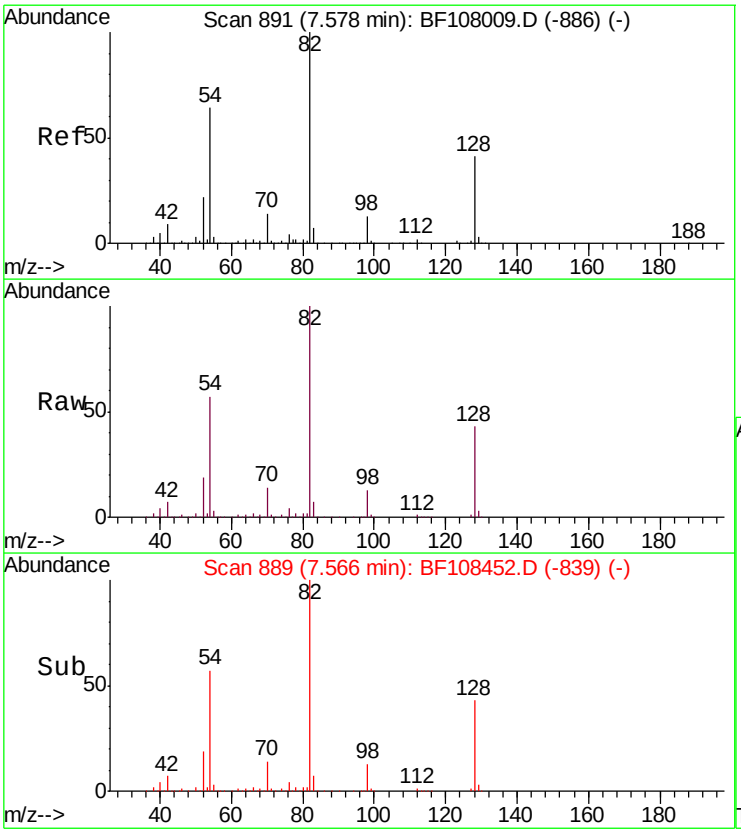
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108452.D
Acq: 24 Aug 2018 6:26

Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-D-S

Tgt Ion:136 Resp: 496669

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.4	6.6	9.8
68	5.9	5.0	7.4

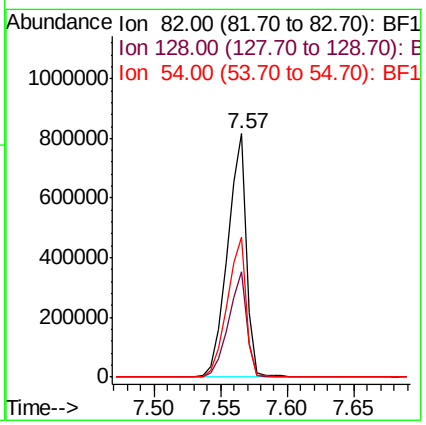


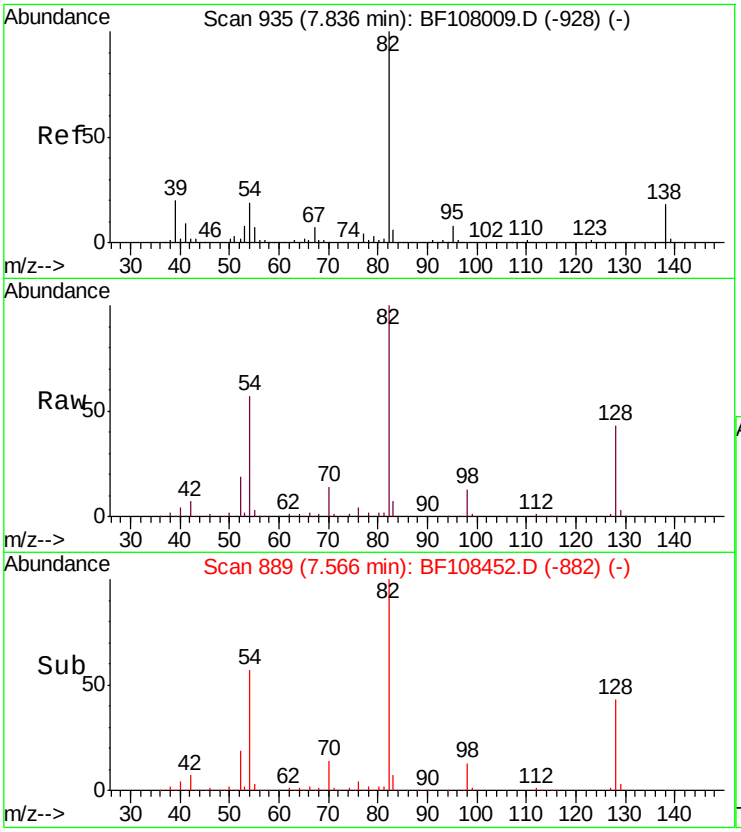


#23
Nitrobenzene-d5
Concen: 91.692 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108452.D
Acq: 24 Aug 2018 6:26

Tgt Ion: 82 Resp: 816122

Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	57.4	41.4	62.2



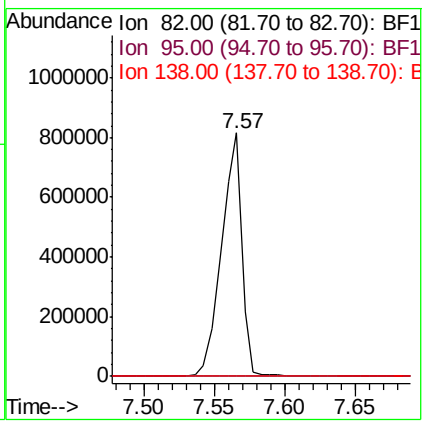


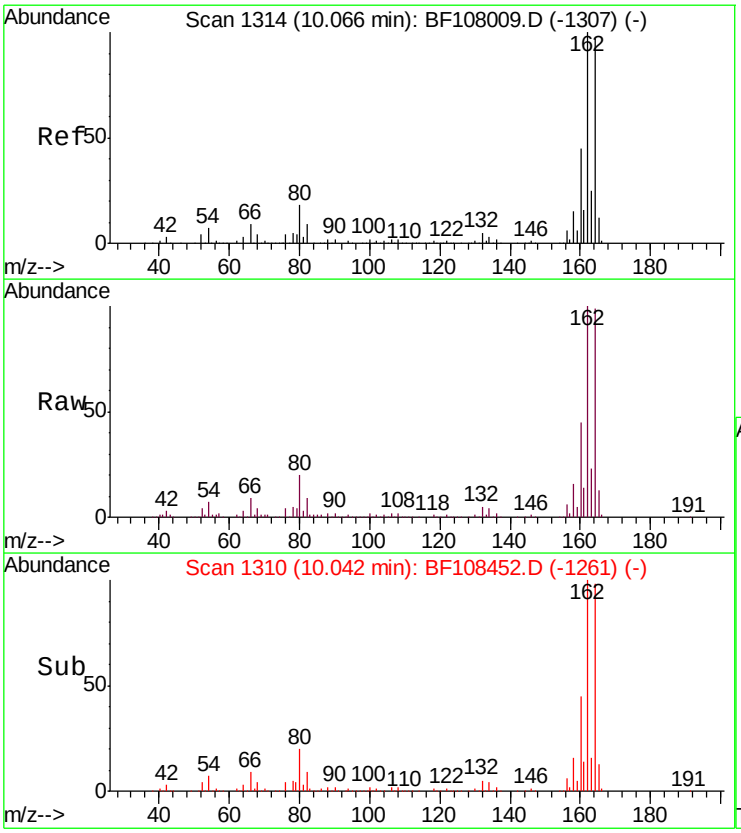
#25
Isophorone
Concen: 48.105 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108452.D
Acq: 24 Aug 2018 6:26

Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-D-S

Tgt Ion: 82 Resp: 816109

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

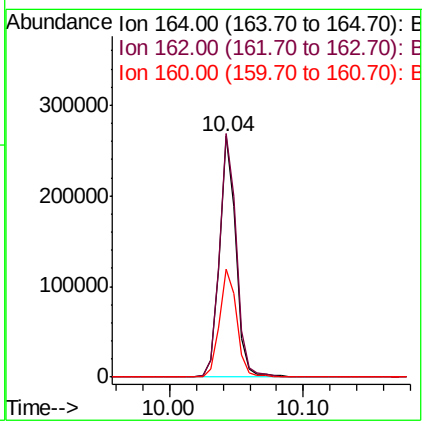


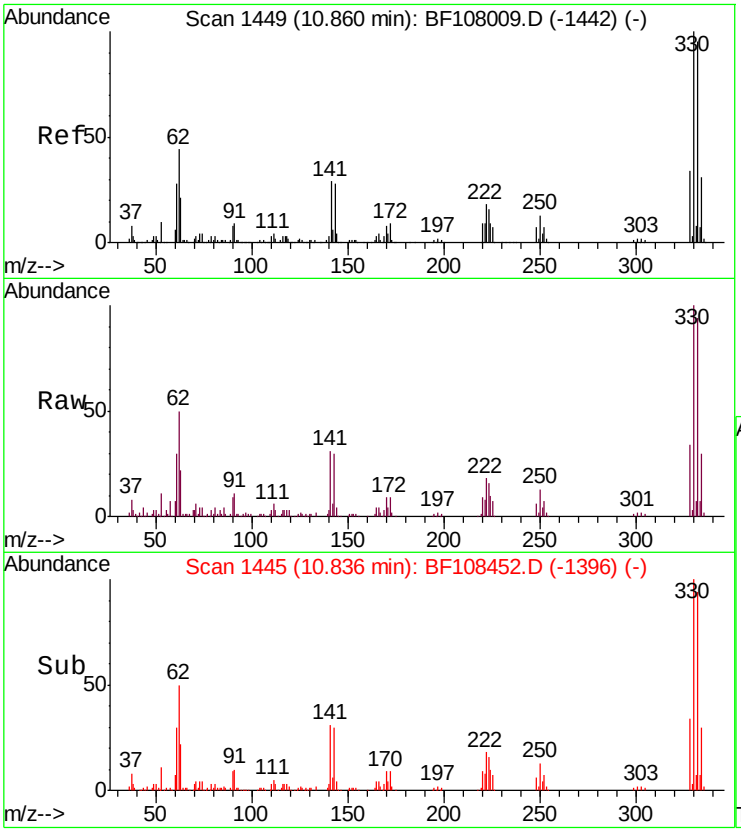


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108452.D
Acq: 24 Aug 2018 6:26

Tgt Ion:164 Resp: 231625

Ion	Ratio	Lower	Upper
164	100		
162	101.2	86.1	129.1
160	45.1	38.3	57.5



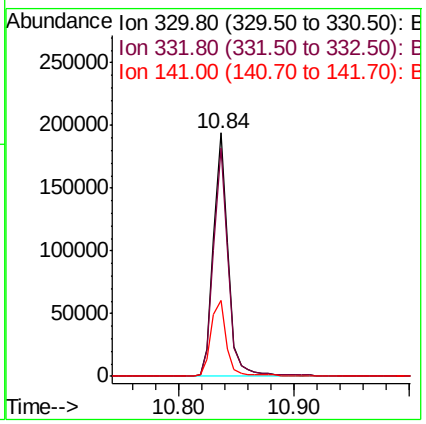


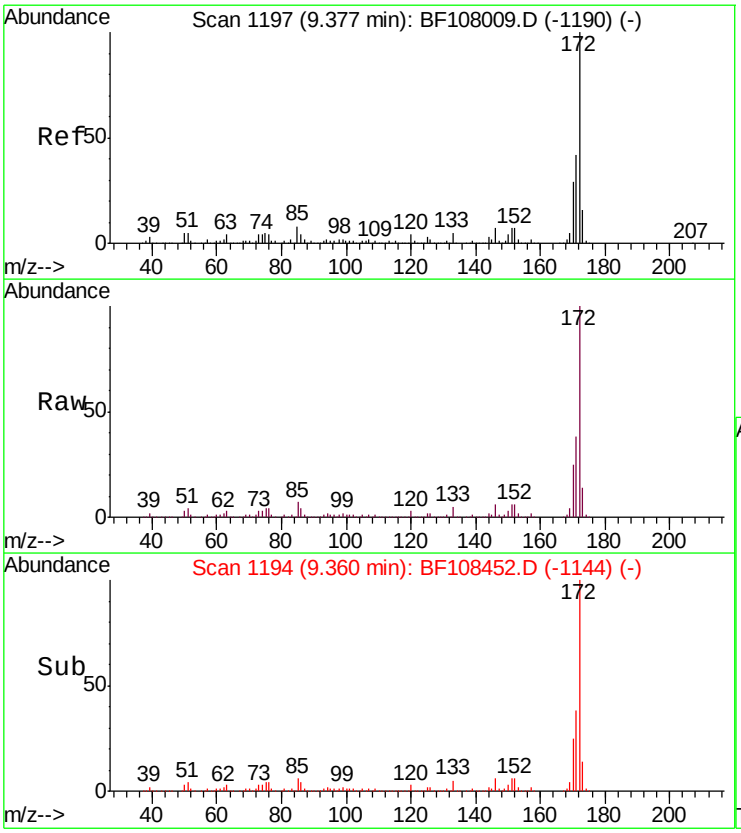
#41
2,4,6-Tribromophenol
Concen: 74.648 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108452.D
Acq: 24 Aug 2018 6:26

Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-D-S

Tgt Ion:330 Resp: 172467

Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.0	115.6
141	33.8	29.9	44.9

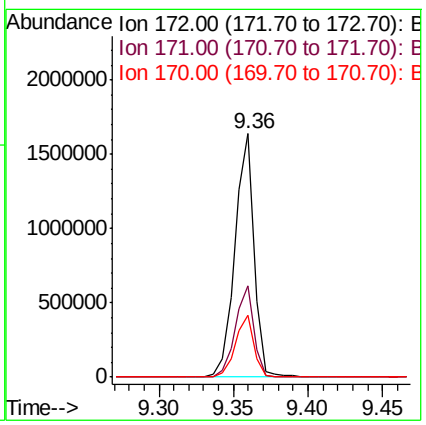


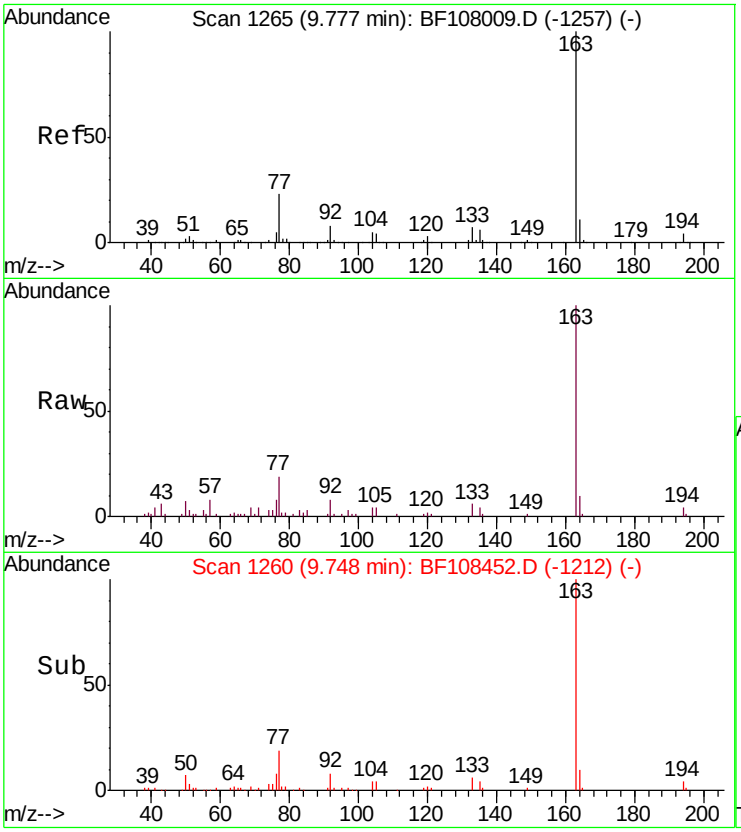


#44
2-Fluorobiphenyl
Concen: 102.426 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF108452.D
Acq: 24 Aug 2018 6:26

Tgt Ion:172 Resp: 1477722

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	25.3	19.6	29.4



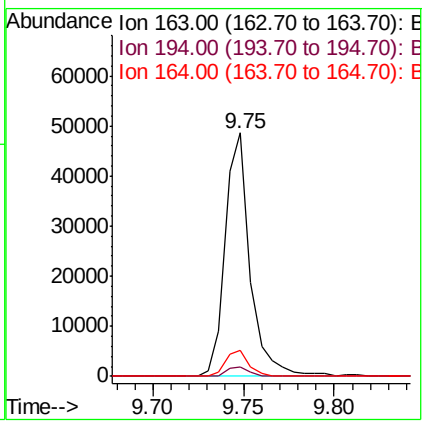


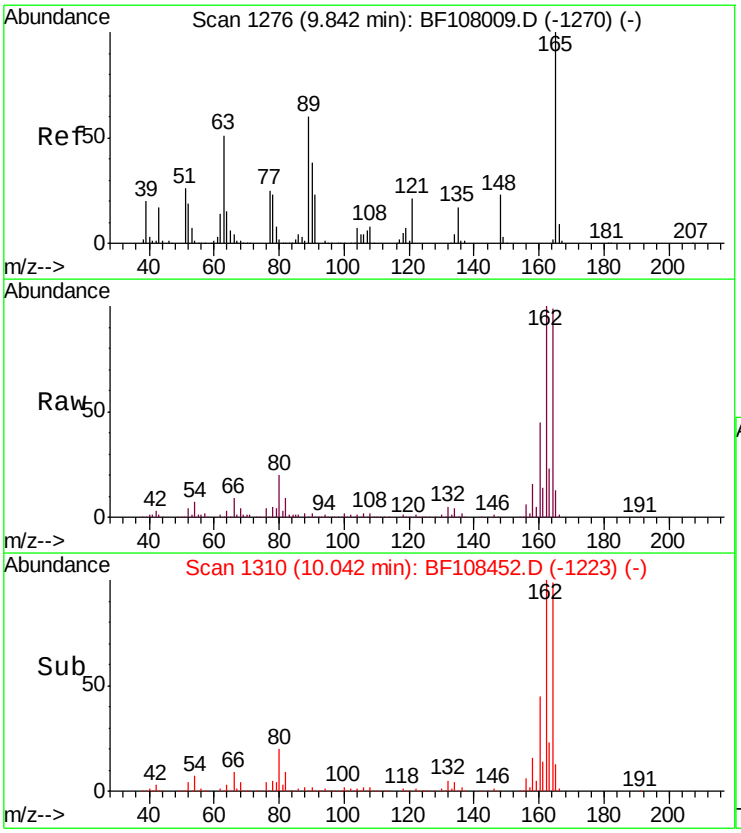
#49
Dimethylphthalate
Concen: 2.885 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108452.D
Acq: 24 Aug 2018 6:26

Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-D-S

Tgt Ion:163 Resp: 46550

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.4	8.2	12.2

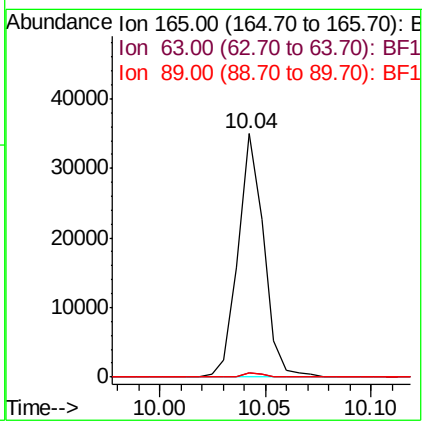


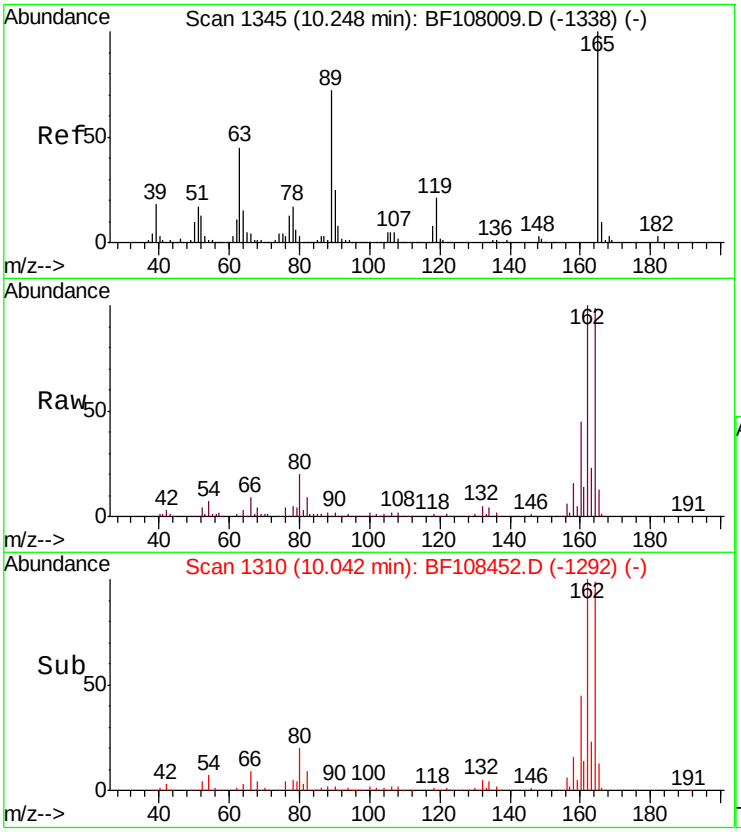


#50
2,6-Dinitrotoluene
Concen: 8.753 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108452.D
Acq: 24 Aug 2018 6:26

Tgt Ion:165 Resp: 29547

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.7	44.0	66.0#



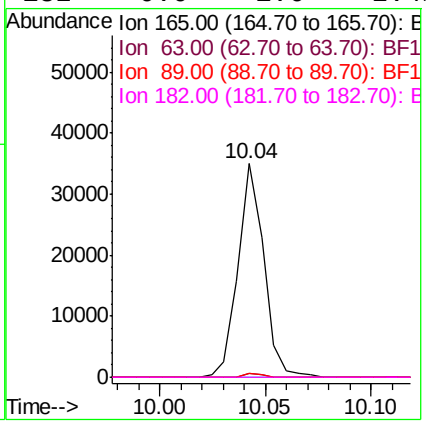


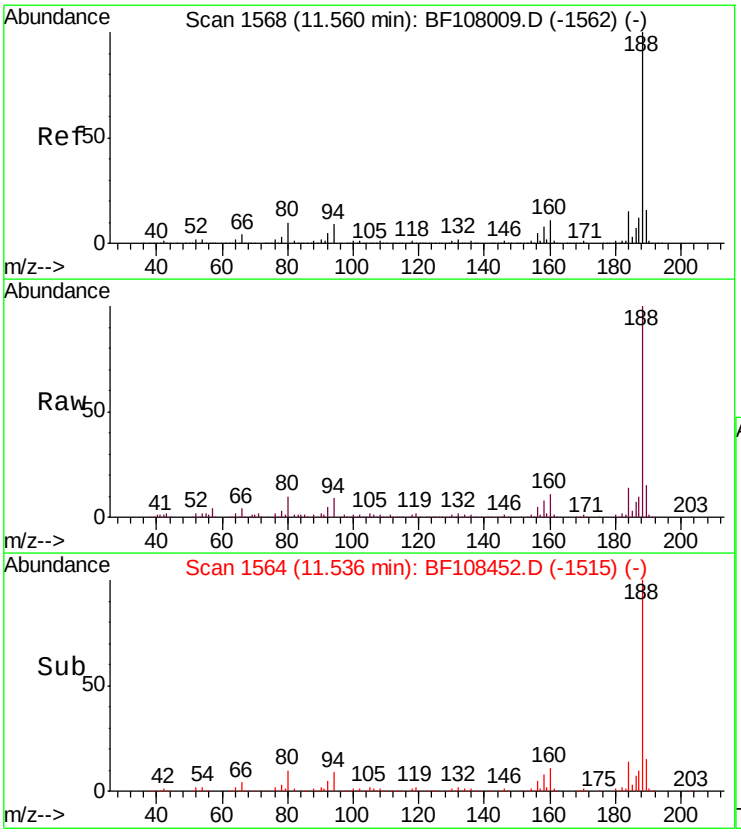
#56
2,4-Dinitrotoluene
Concen: 6.800 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108452.D
Acq: 24 Aug 2018 6:26

Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-D-S

Tgt Ion:165 Resp: 29547

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

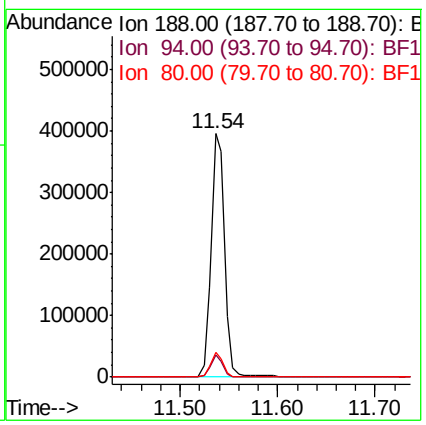


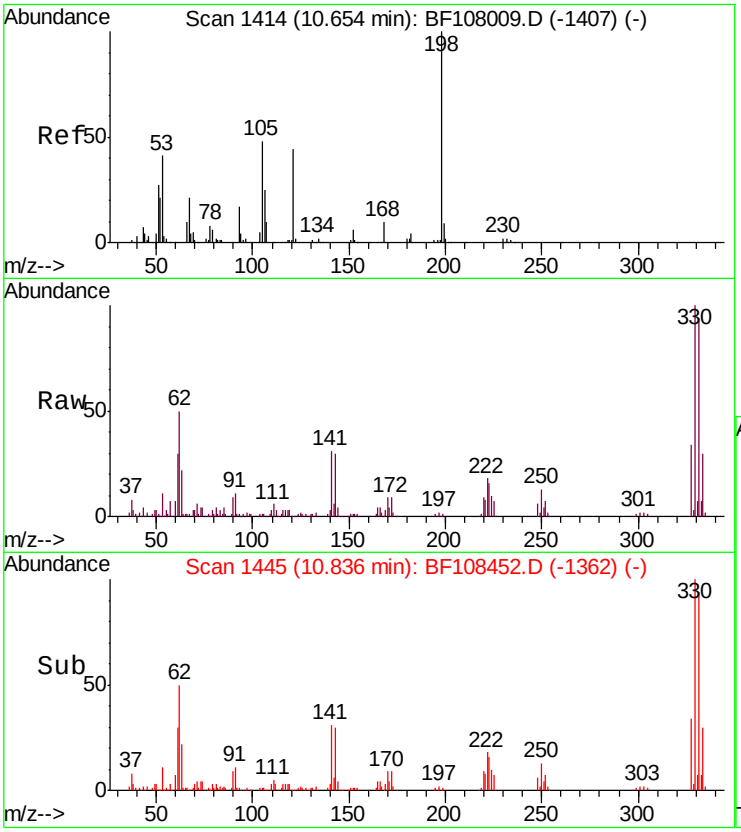


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108452.D
Acq: 24 Aug 2018 6:26

Tgt Ion:188 Resp: 376625

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	10.1	9.2	13.8



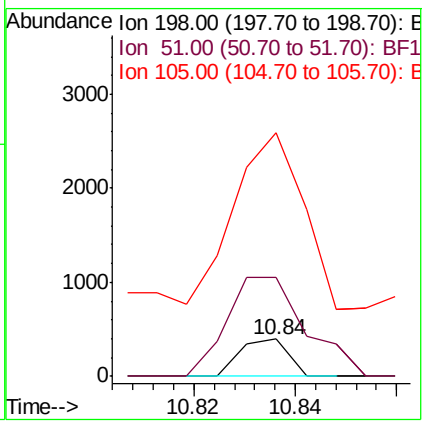


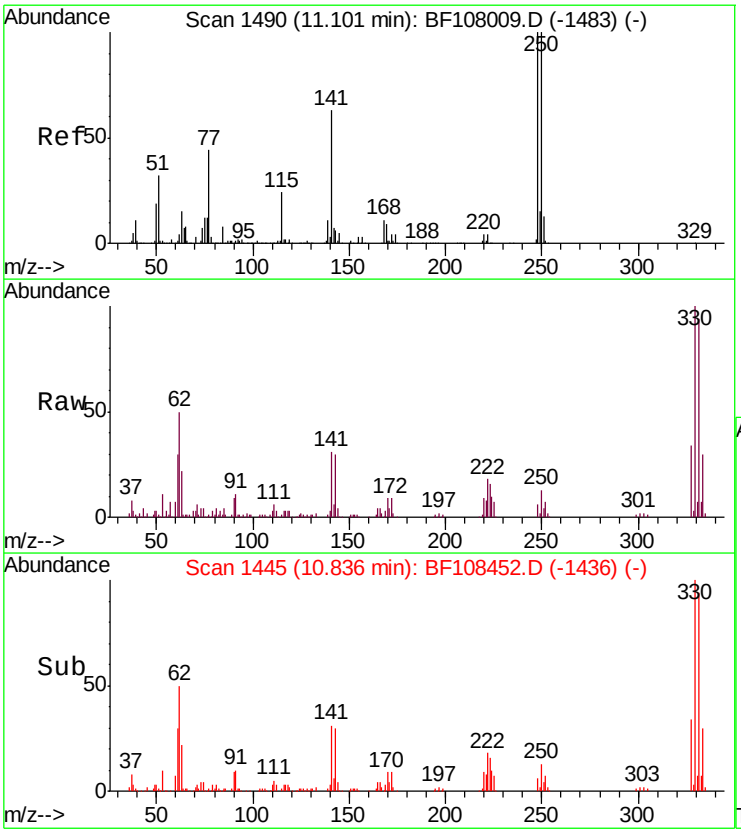
#64
4,6-Dinitro-2-methylphenol
Concen: 5.523 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108452.D
Acq: 24 Aug 2018 6:26

Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-D-S

Tgt Ion:198 Resp: 262

Ion	Ratio	Lower	Upper
198	100		
51	266.2	37.7	77.7#
105	659.0	36.3	76.3#

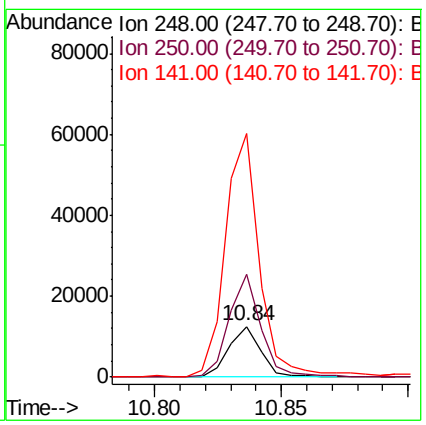


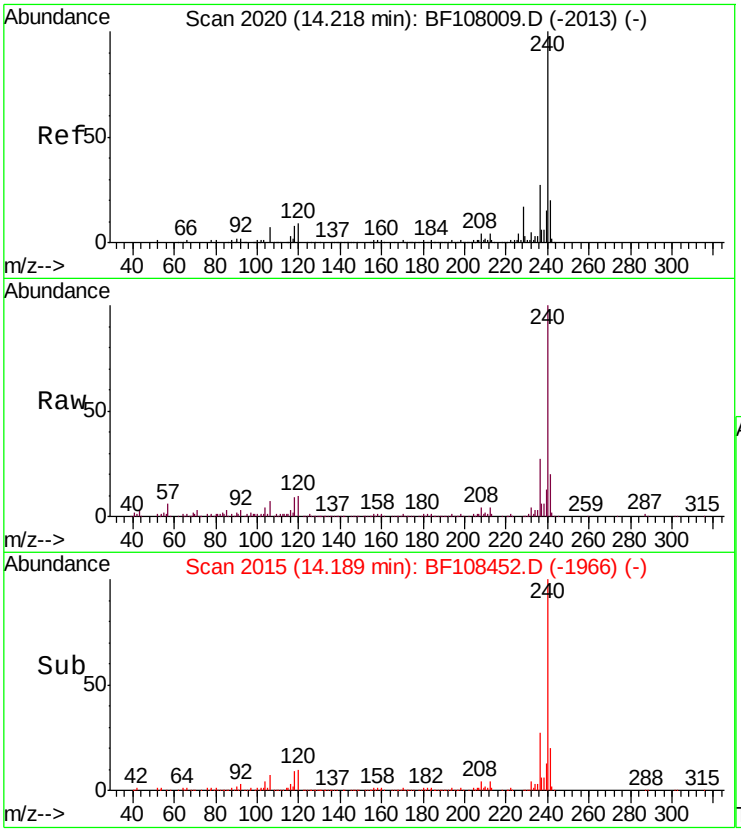


#66
4-Bromophenyl-phenylether
Concen: 2.696 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108452.D
Acq: 24 Aug 2018 6:26

Tgt Ion:248 Resp: 11036

Ion	Ratio	Lower	Upper
248	100		
250	203.9	76.9	115.3#
141	481.9	74.4	111.6#



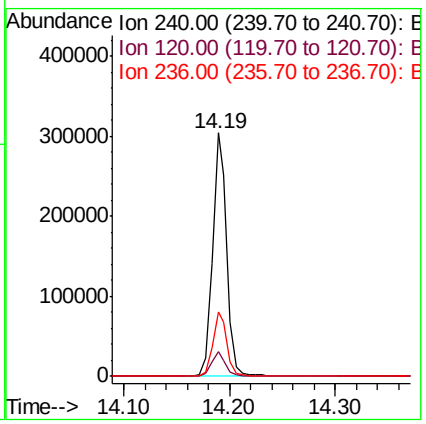


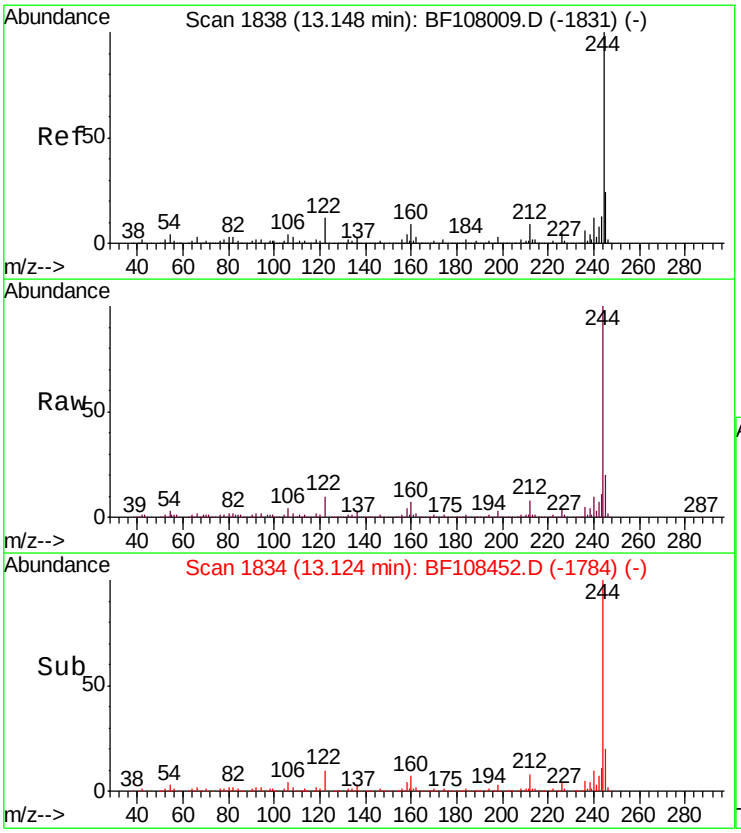
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108452.D
Acq: 24 Aug 2018 6:26

Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-D-S

Tgt Ion:240 Resp: 288764

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	26.5	20.7	31.1

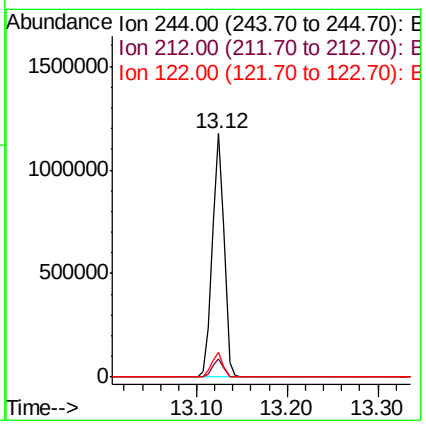


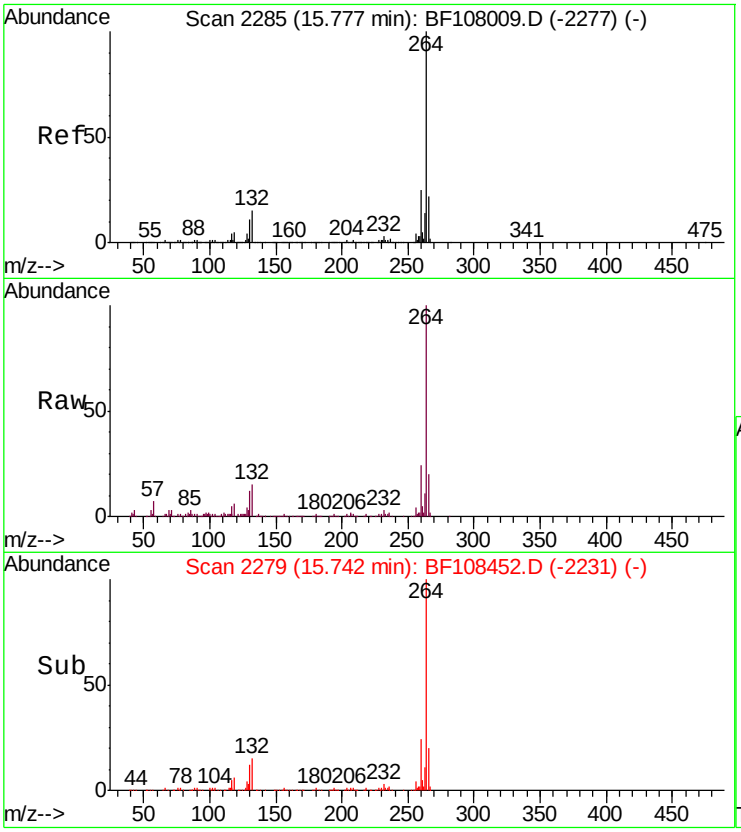


#78
Terphenyl-d14
Concen: 93.998 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108452.D
Acq: 24 Aug 2018 6:26

Tgt Ion:244 Resp: 1067549

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	10.1	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF108452.D
Acq: 24 Aug 2018 6:26

Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-D-S

Tgt Ion:264 Resp: 253981

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	20.5	17.5	26.3