Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
Data File : BF108225.D
Acq On : 17 Aug 2018 5:04
Operator : JU/SJ
Sample : J4504-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 081418-DBRI-F-U-B

Quant Time: Aug 17 05:40:54 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 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	171967	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	635805	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	309637	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	570629	20.00	ng		0.00
75) Chrysene-d12	14.21	240	475173	20.00	ng		-0.01
86) Perylene-d12	15.77	264	372904	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	406572	42.80	ng		0.00
7) Phenol-d6	6.62	99	342054	27.10	ng		0.00
23) Nitrobenzene-d5	7.58	82	1105132	96.99	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	289261	93.66	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	2002691	103.84	ng		0.00
78) Terphenyl-d14	13.15	244	1891379	101.20	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	152060	17.815	ng	#	84
25) Isophorone	7.58	82	1105119	50.886	ng	#	64
49) Dimethylphthalate	9.76	163	117749	5.459	ng		98
50) 2,6-Dinitrotoluene	10.06	165	39985	8.861	ng	#	25
56) 2,4-Dinitrotoluene	10.06	165	39985	6.884	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.85	198	657	5.631	ng	#	1
66) 4-Bromophenyl-phenylether	10.85	248	19708	3.178	ng	#	1

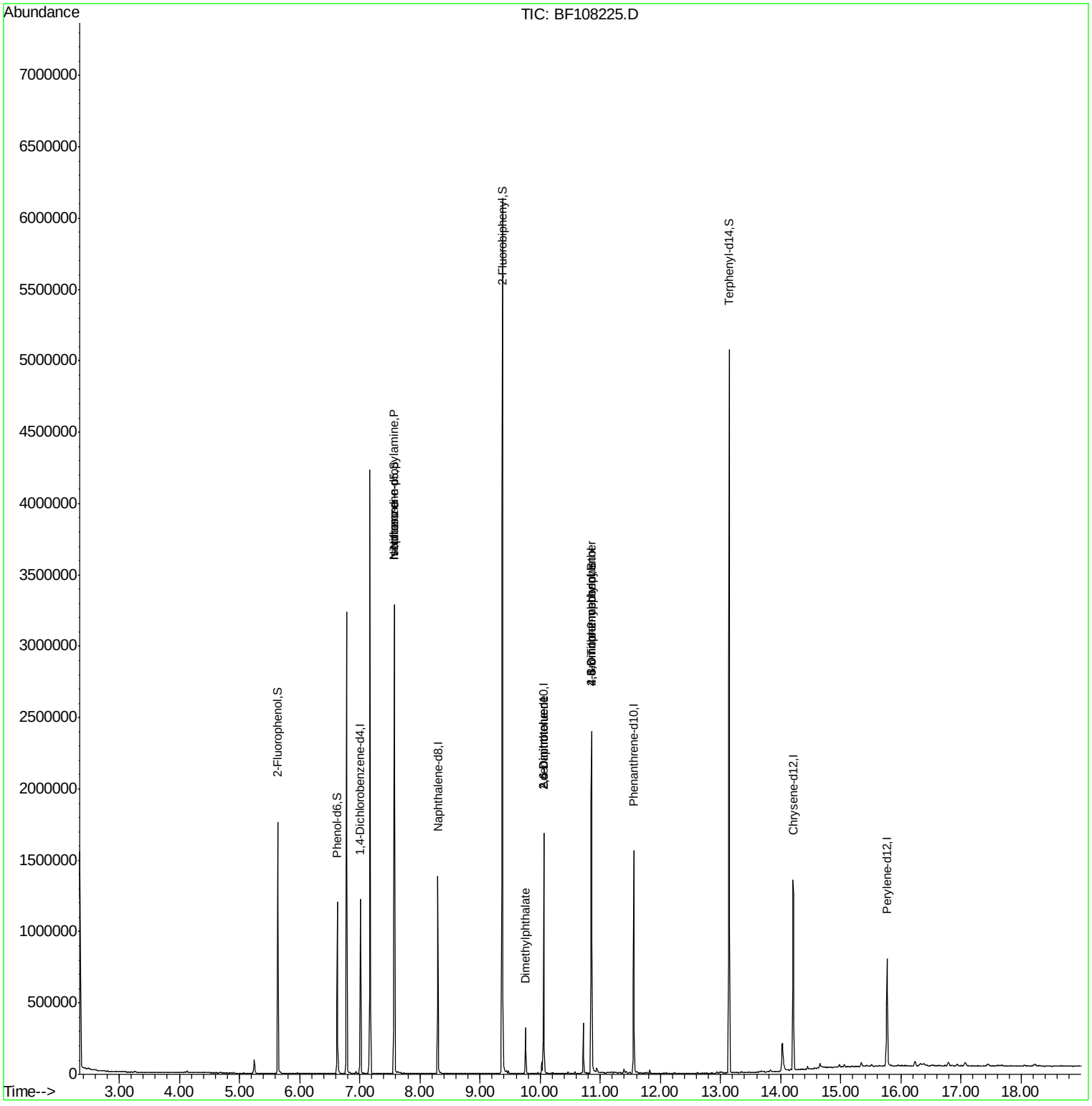
(#) = qualifier out of range (m) = manual integration (+) = signals summed

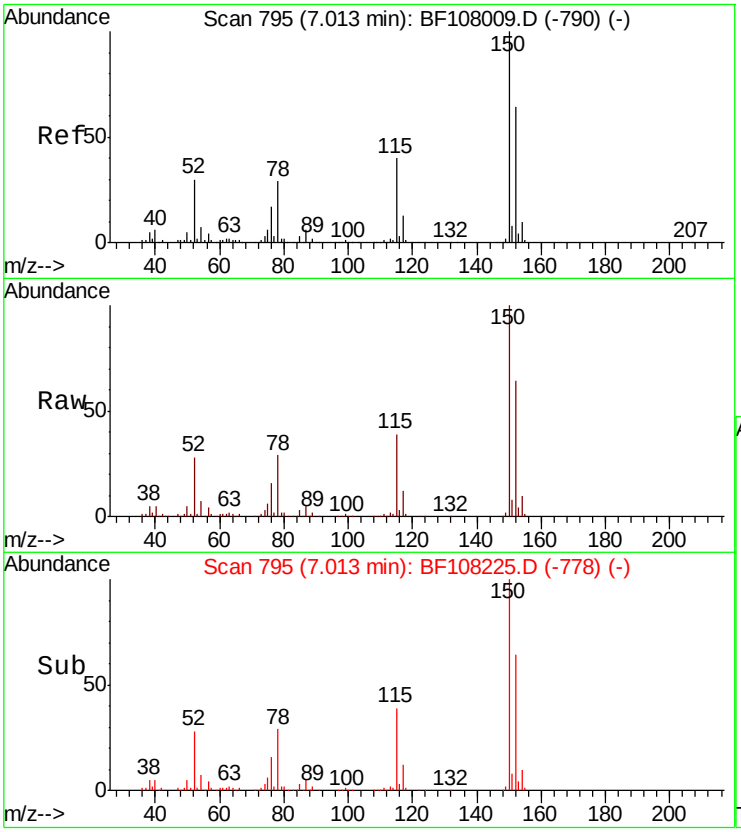
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
Data File : BF108225.D
Acq On : 17 Aug 2018 5:04
Operator : JU/SJ
Sample : J4504-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
081418-DBRI-F-U-B

Quant Time: Aug 17 05:40:54 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 08 12:24:24 2018
Response via : Initial Calibration



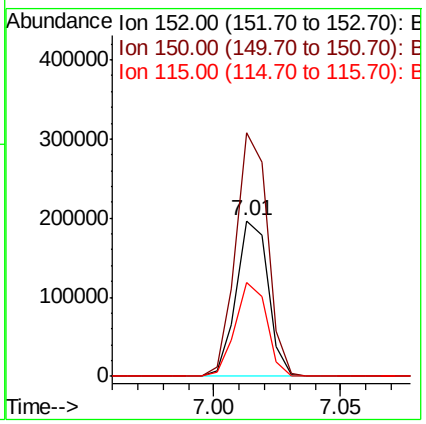


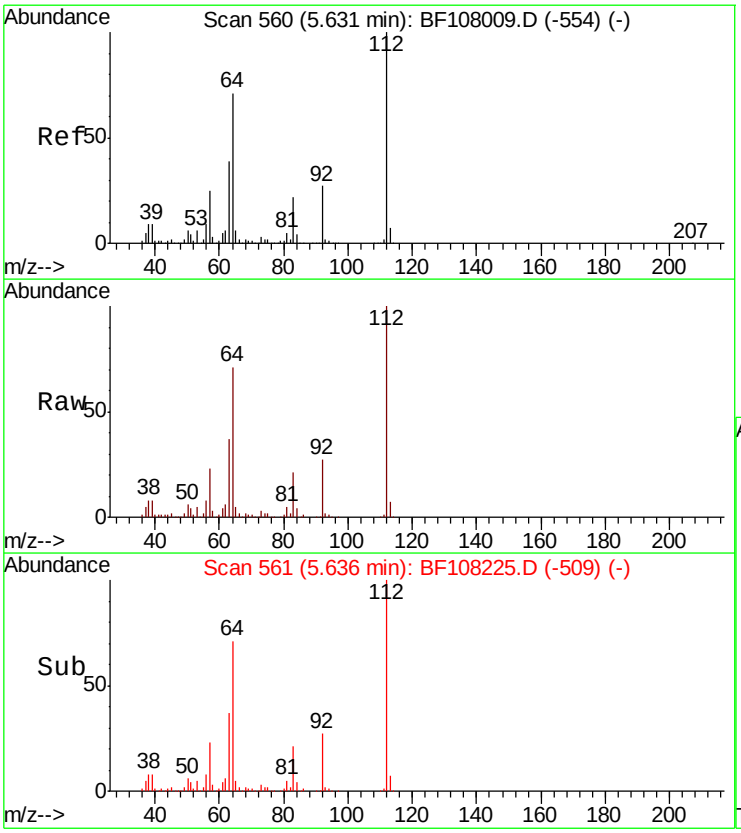
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF108225.D
Acq: 17 Aug 2018 5:04

Instrument :
BNA_F
ClientSampleId :
081418-DBRI-F-U-B

Tgt Ion:152 Resp: 171967

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	60.5	50.1	75.1

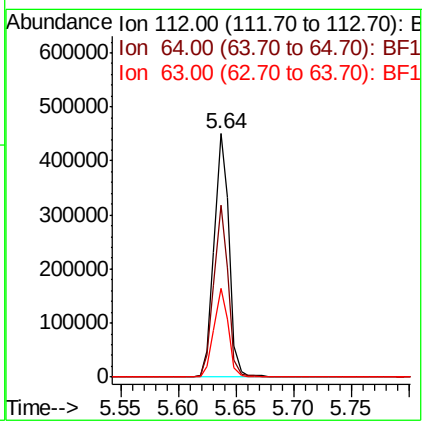


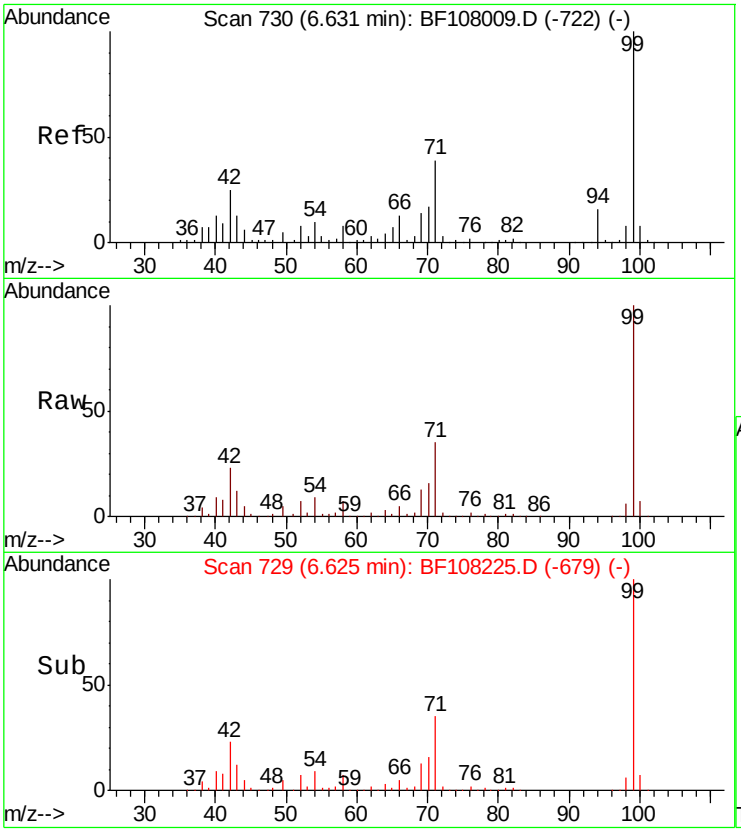


#5
2-Fluorophenol
Concen: 42.804 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108225.D
Acq: 17 Aug 2018 5:04

Tgt Ion:112 Resp: 406572

Ion	Ratio	Lower	Upper
112	100		
64	70.5	47.9	71.9
63	36.6	23.7	35.5#



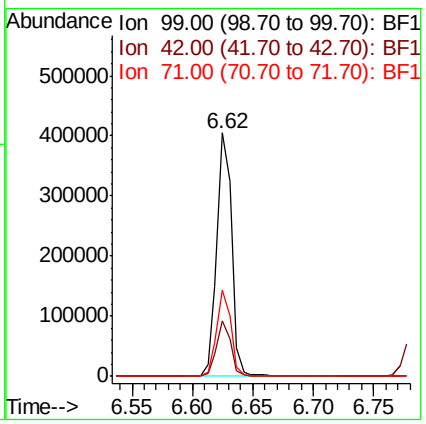


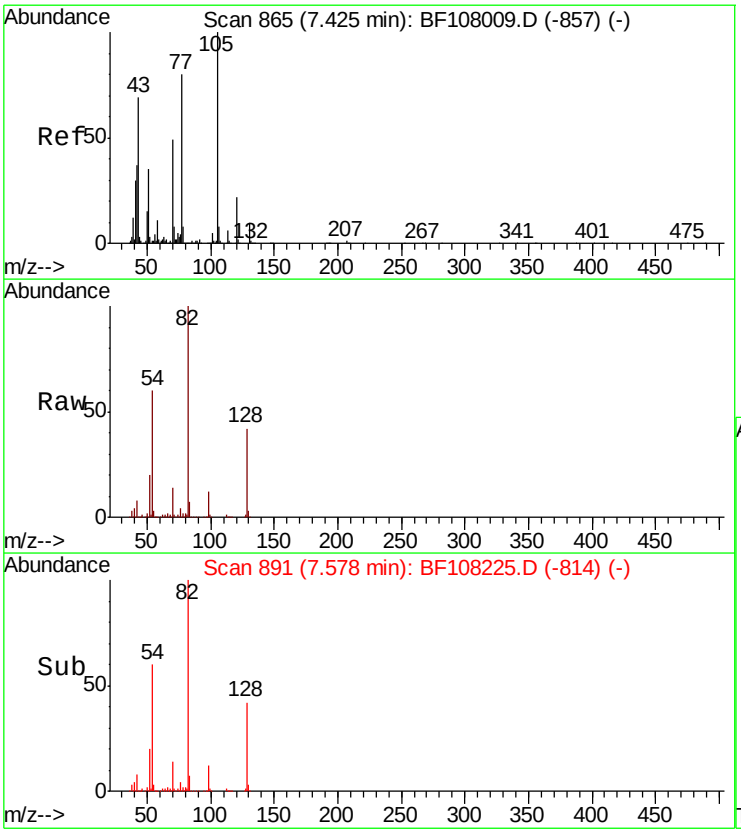
#7
Phenol-d6
Concen: 27.099 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF108225.D
Acq: 17 Aug 2018 5:04

Instrument :
BNA_F
ClientSampleId :
081418-DBRI-F-U-B

Tgt Ion: 99 Resp: 342054

Ion	Ratio	Lower	Upper
99	100		
42	22.7	14.5	21.7#
71	35.2	25.4	38.0

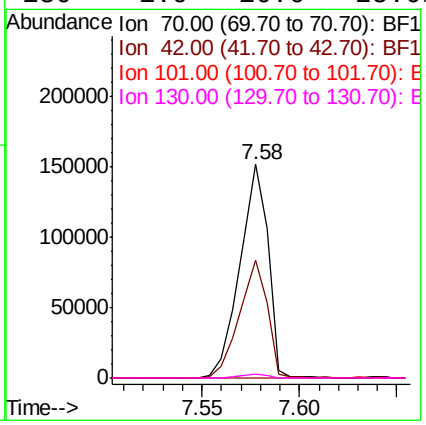


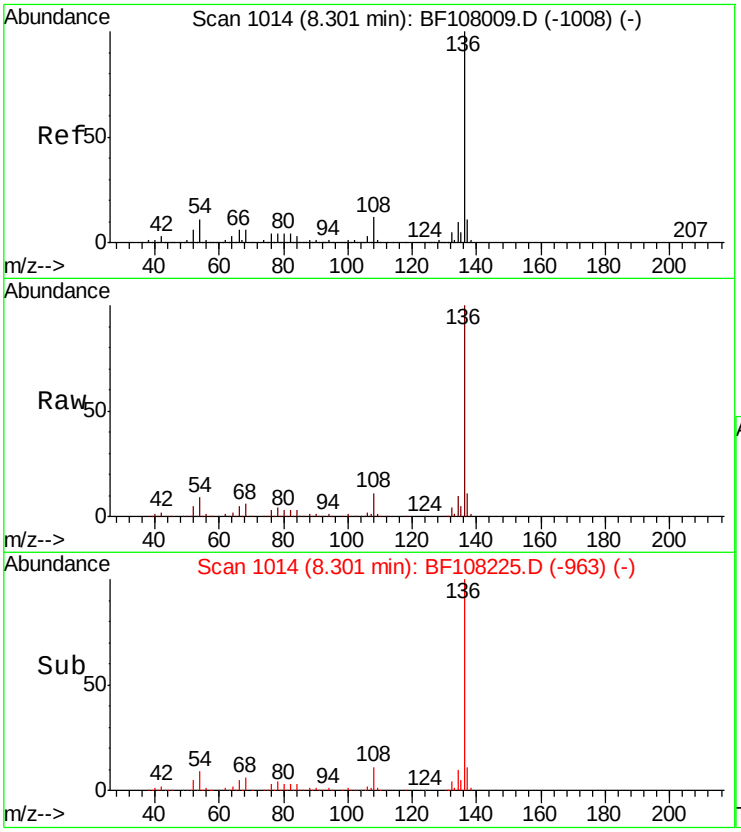


#19
n-Nitroso-di-n-propylamine
Concen: 17.815 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108225.D
Acq: 17 Aug 2018 5:04

Tgt Ion: 70 Resp: 152060

Ion	Ratio	Lower	Upper
70	100		
42	55.0	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



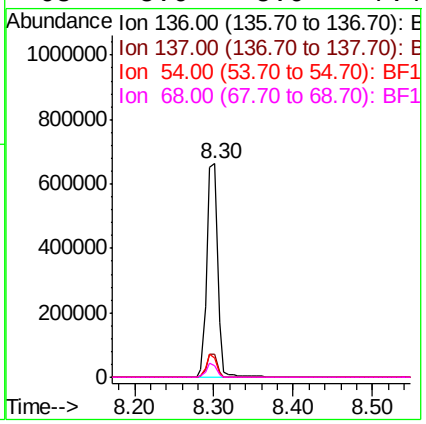


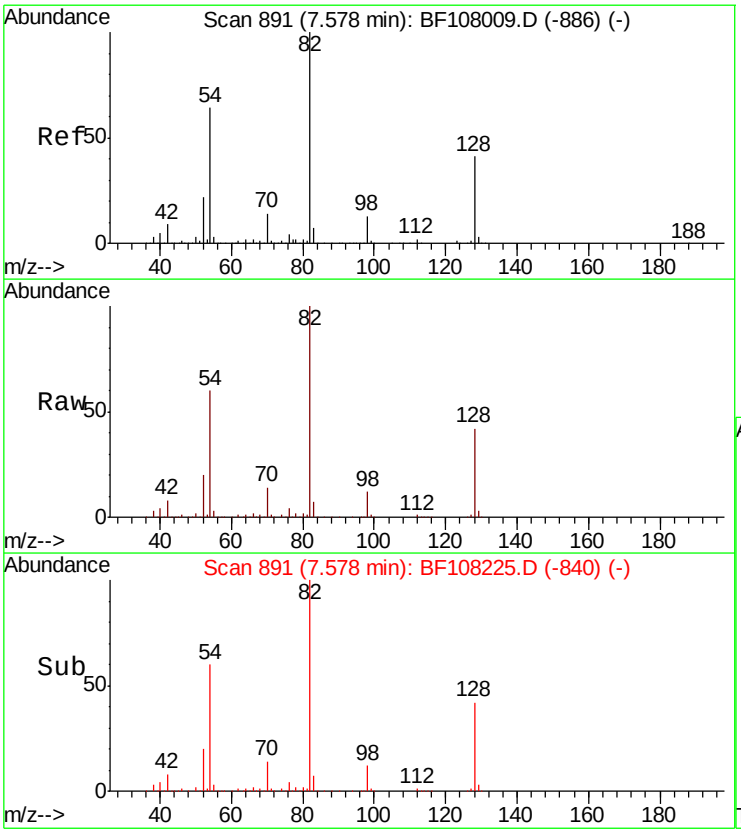
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF108225.D
Acq: 17 Aug 2018 5:04

Instrument :
BNA_F
ClientSampleId :
081418-DBRI-F-U-B

Tgt Ion:136 Resp: 635805

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.2	6.6	9.8
68	5.6	5.0	7.4

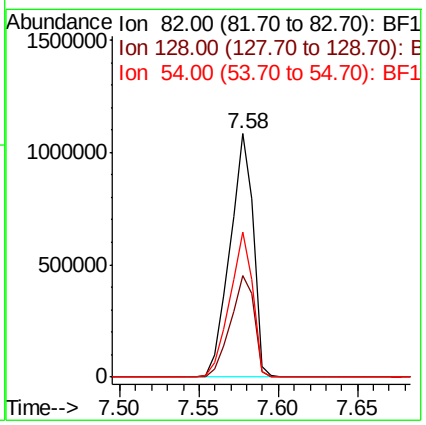


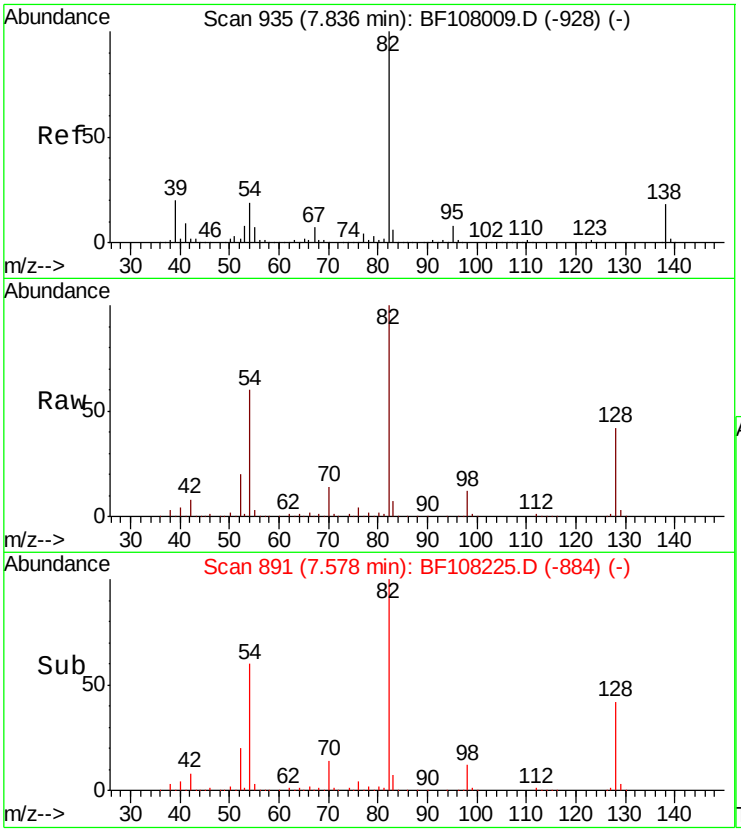


#23
Nitrobenzene-d5
Concen: 96.992 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF108225.D
Acq: 17 Aug 2018 5:04

Tgt Ion: 82 Resp: 1105132

Ion	Ratio	Lower	Upper
82	100		
128	41.9	36.1	54.1
54	59.6	41.4	62.2



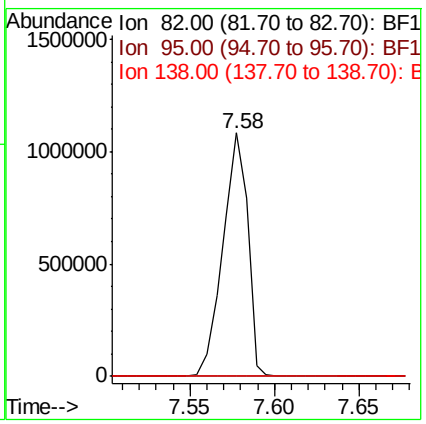


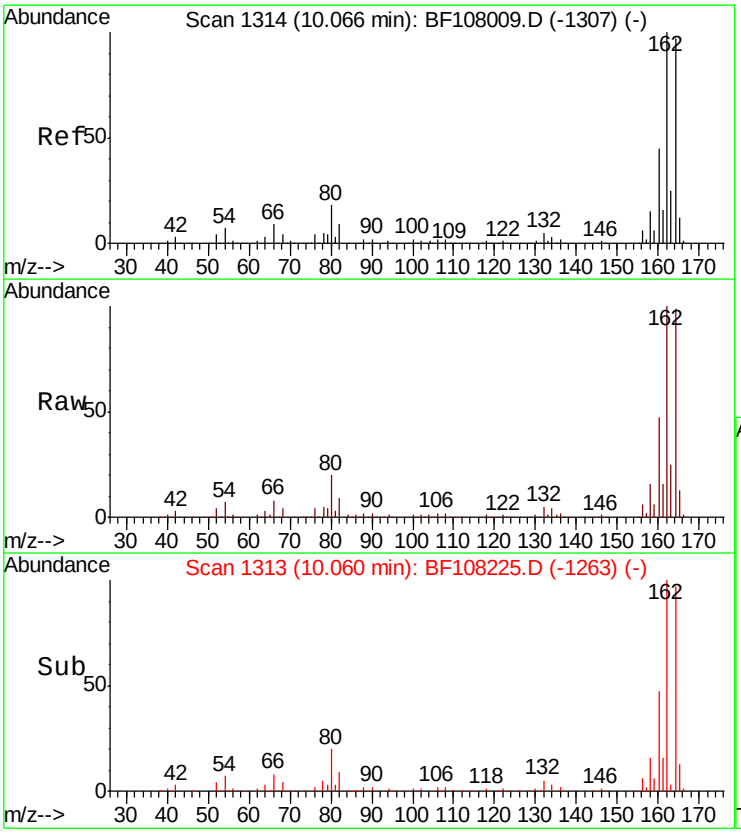
#25
Isophorone
Concen: 50.886 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108225.D
Acq: 17 Aug 2018 5:04

Instrument :
BNA_F
ClientSampleId :
081418-DBRI-F-U-B

Tgt Ion: 82 Resp: 1105119

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

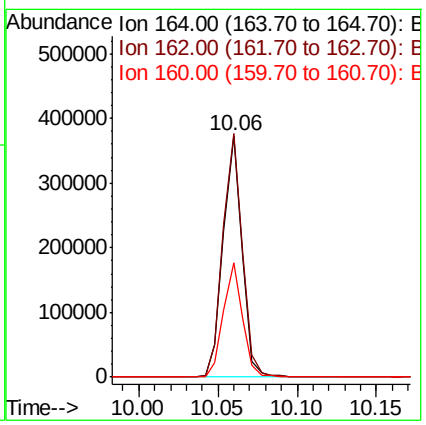


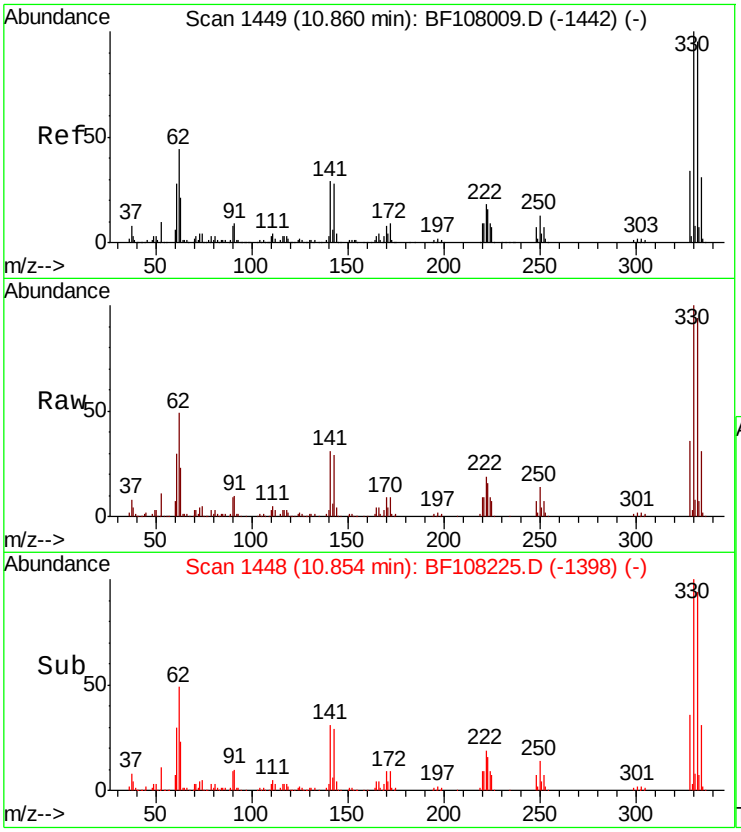


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108225.D
Acq: 17 Aug 2018 5:04

Tgt Ion:164 Resp: 309637

Ion	Ratio	Lower	Upper
164	100		
162	100.8	86.1	129.1
160	47.2	38.3	57.5



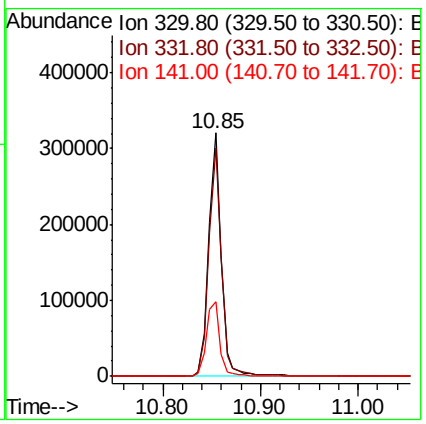


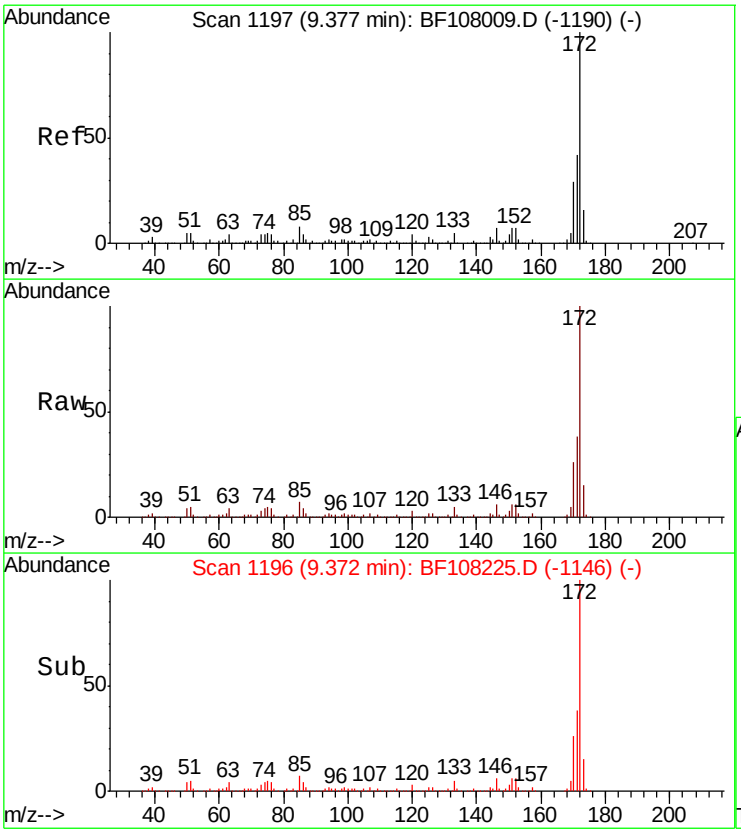
#41
2,4,6-Tribromophenol
Concen: 93.656 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF108225.D
Acq: 17 Aug 2018 5:04

Instrument :
BNA_F
ClientSampleId :
081418-DBRI-F-U-B

Tgt Ion:330 Resp: 289261

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	32.9	29.9	44.9

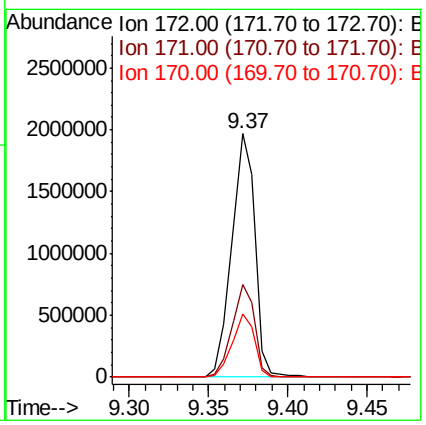


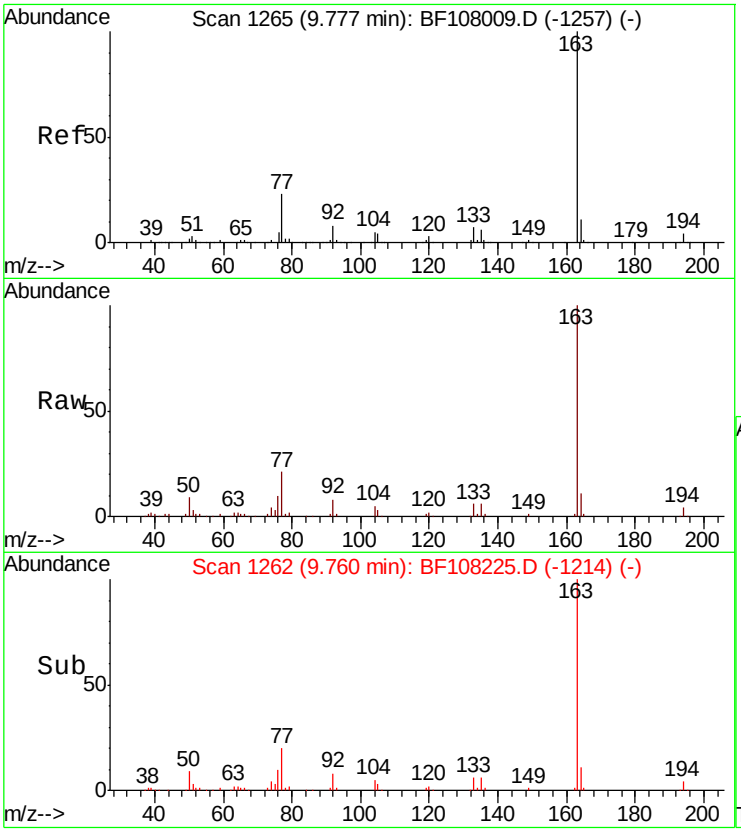


#44
2-Fluorobiphenyl
Concen: 103.840 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108225.D
Acq: 17 Aug 2018 5:04

Tgt Ion:172 Resp: 2002691

Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.7	44.5
170	25.7	19.6	29.4



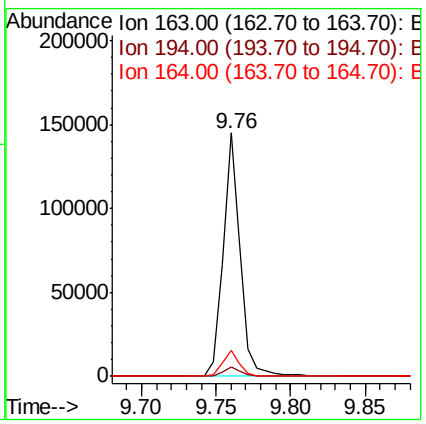


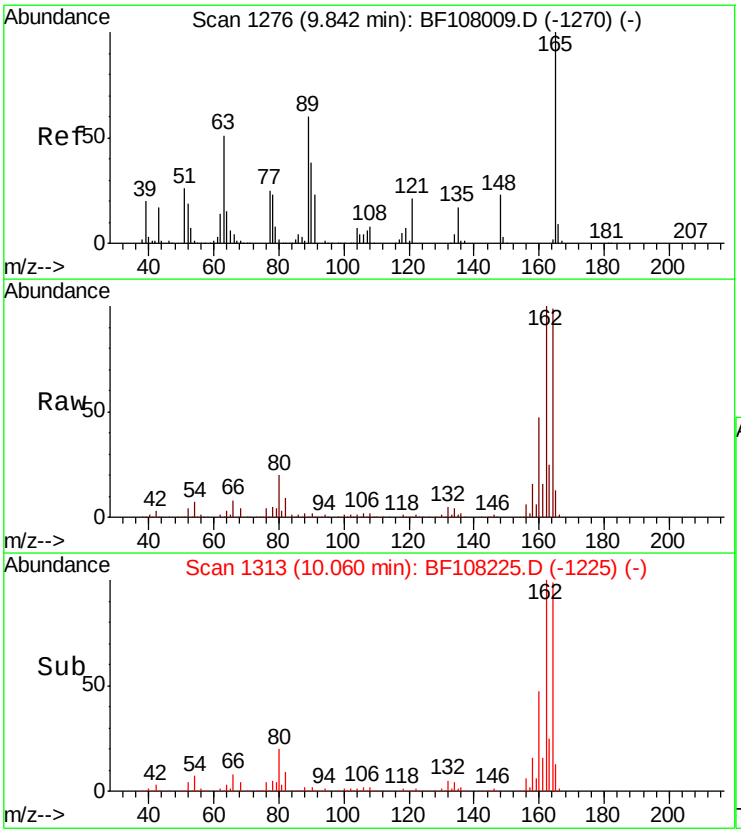
#49
Dimethylphthalate
Concen: 5.459 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108225.D
Acq: 17 Aug 2018 5:04

Instrument :
BNA_F
ClientSampleId :
081418-DBRI-F-U-B

Tgt Ion:163 Resp: 117749

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.8	8.2	12.2

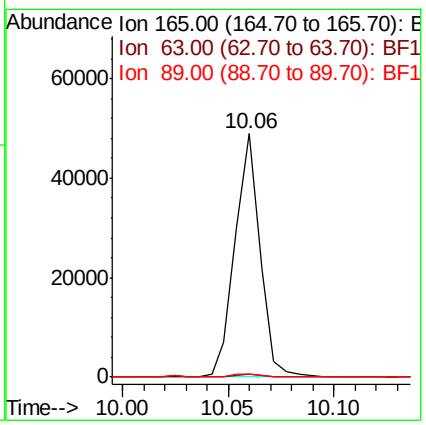


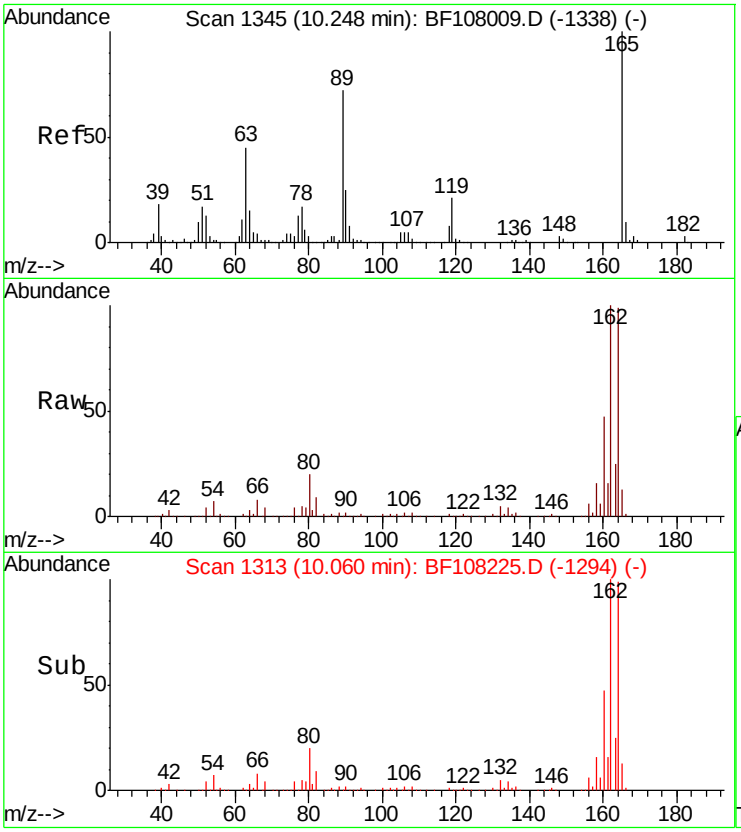


#50
2,6-Dinitrotoluene
Concen: 8.861 ng
RT: 10.06 min Scan# 1313
Delta R.T. 0.22 min
Lab File: BF108225.D
Acq: 17 Aug 2018 5:04

Tgt Ion:165 Resp: 39985

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.3	44.0	66.0#



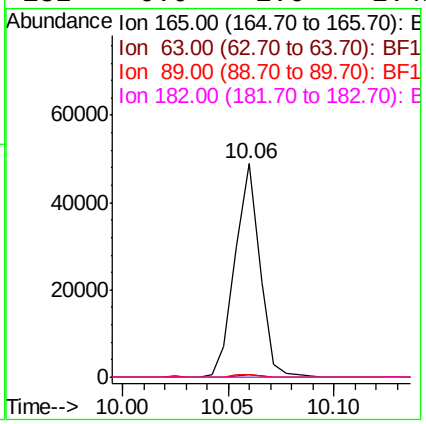


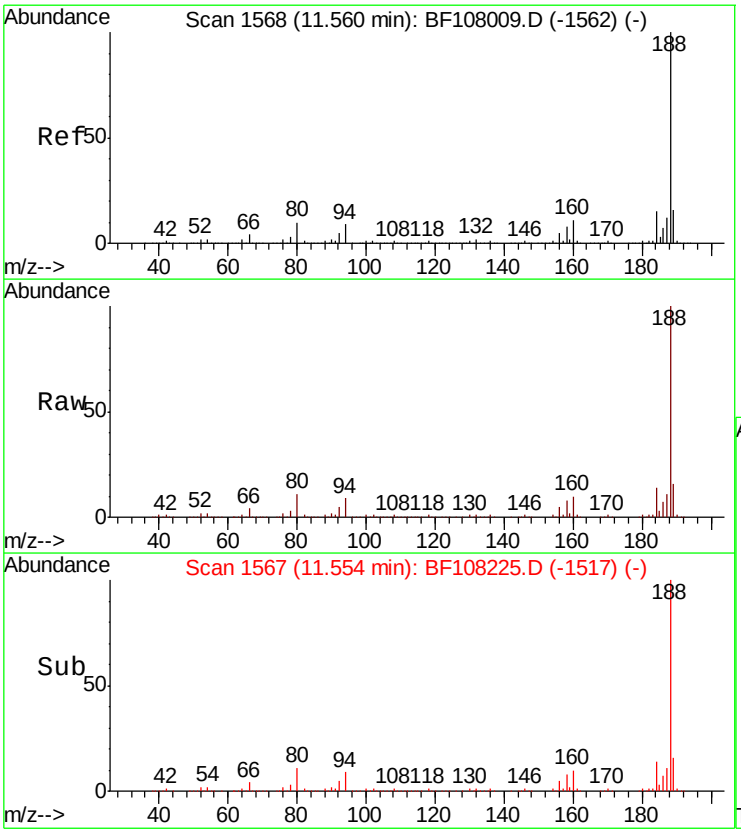
#56
2,4-Dinitrotoluene
Concen: 6.884 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108225.D
Acq: 17 Aug 2018 5:04

Instrument :
BNA_F
ClientSampleId :
081418-DBRI-F-U-B

Tgt Ion:165 Resp: 39985

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

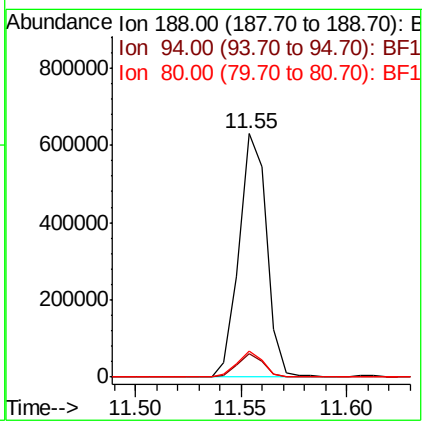


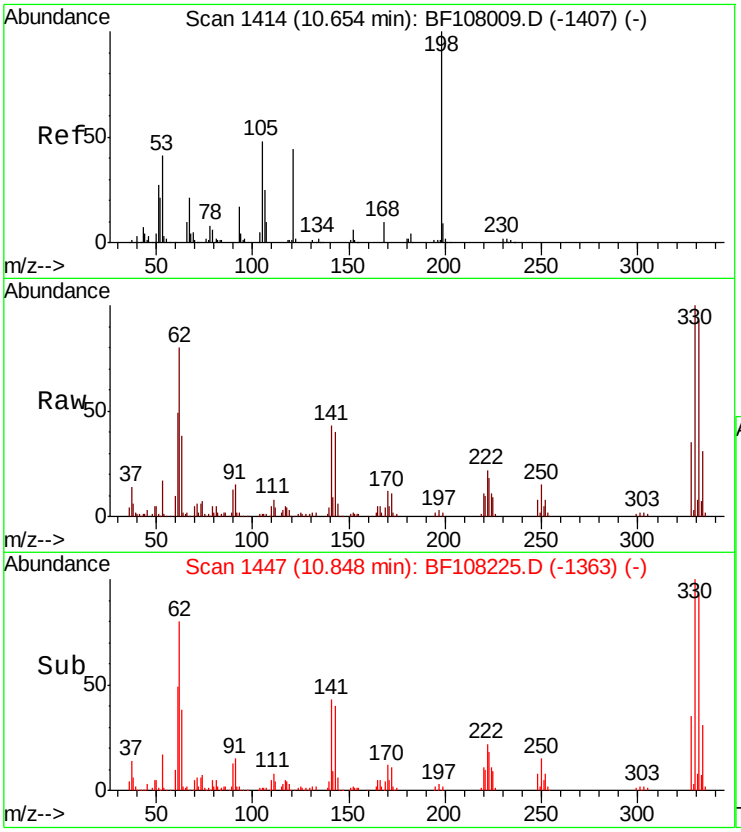


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108225.D
Acq: 17 Aug 2018 5:04

Tgt Ion:188 Resp: 570629

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.8	9.2	13.8



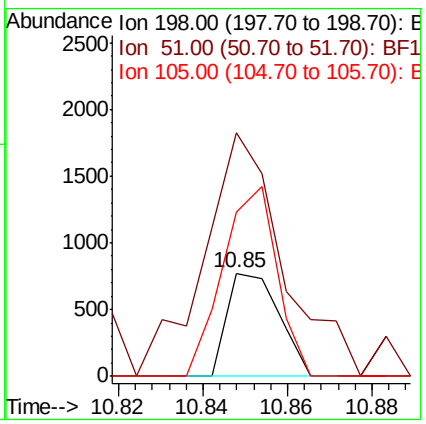


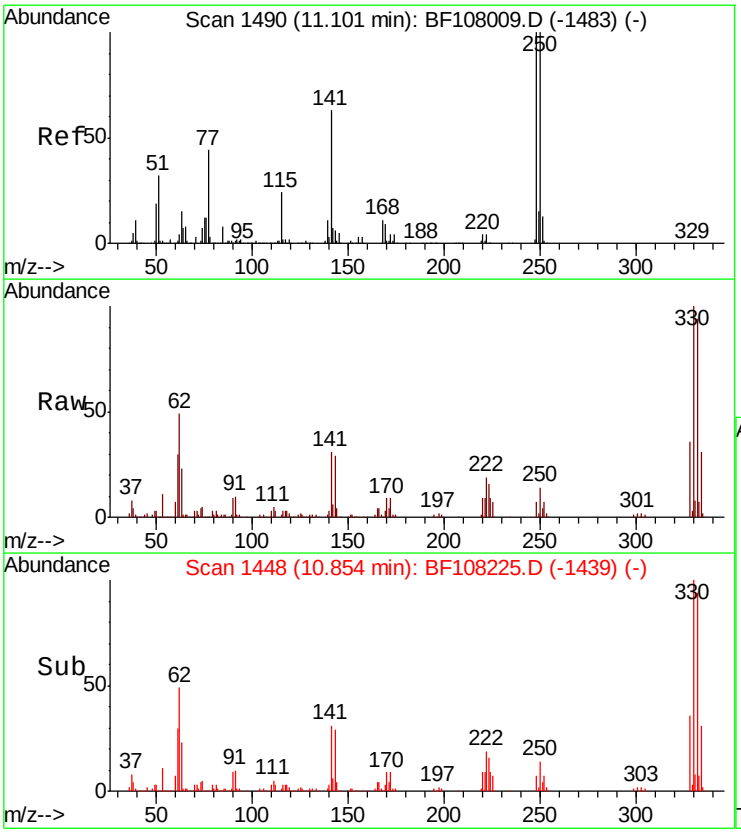
#64
4,6-Dinitro-2-methylphenol
Concen: 5.631 ng
RT: 10.85 min Scan# 1447
Delta R.T. 0.19 min
Lab File: BF108225.D
Acq: 17 Aug 2018 5:04

Instrument :
BNA_F
ClientSampleId :
081418-DBRI-F-U-B

Tgt Ion:198 Resp: 657

Ion	Ratio	Lower	Upper
198	100		
51	235.4	37.7	77.7#
105	159.1	36.3	76.3#

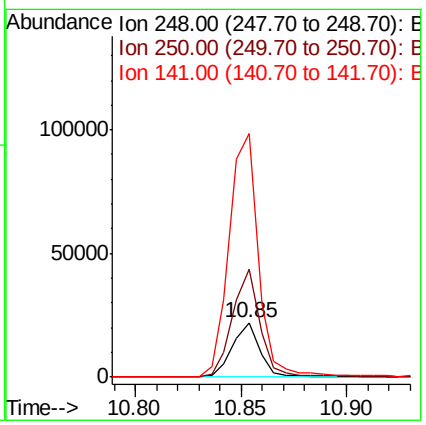


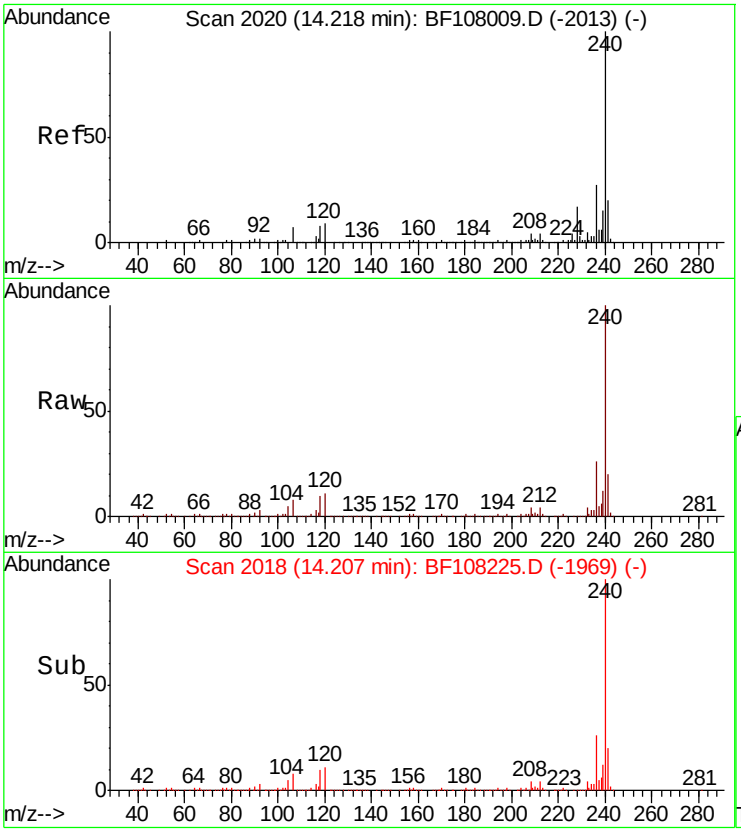


#66
4-Bromophenyl-phenylether
Concen: 3.178 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF108225.D
Acq: 17 Aug 2018 5:04

Tgt Ion:248 Resp: 19708

Ion	Ratio	Lower	Upper
248	100		
250	198.5	76.9	115.3#
141	448.7	74.4	111.6#



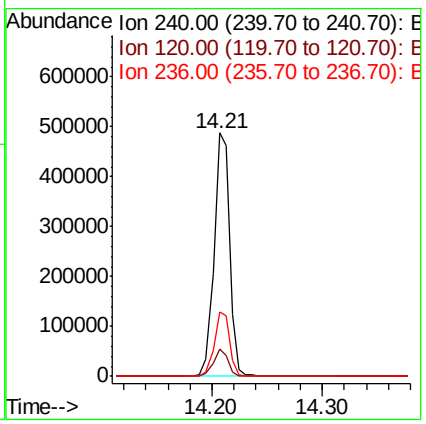


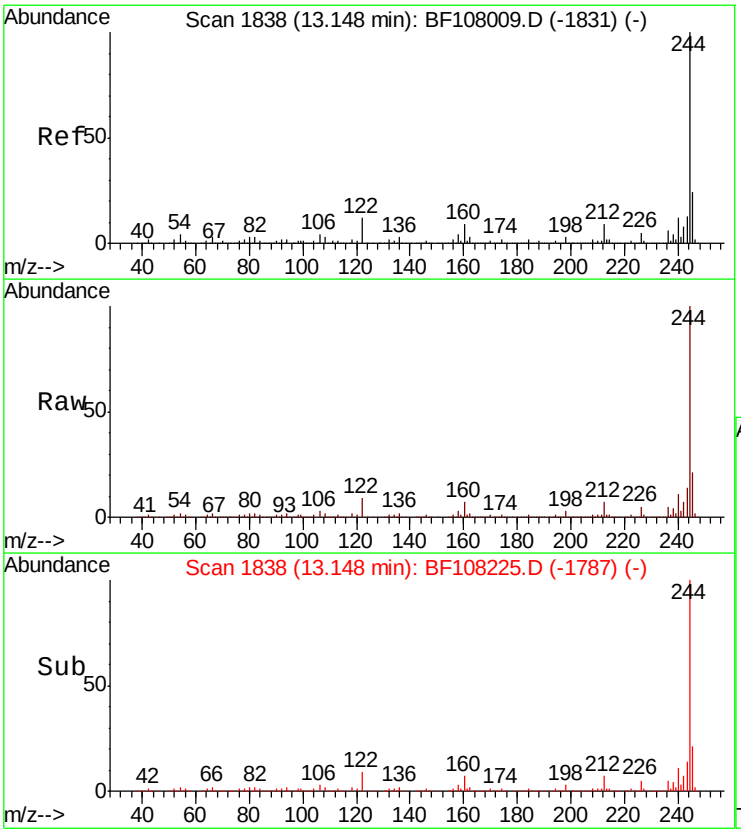
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF108225.D
Acq: 17 Aug 2018 5:04

Instrument :
BNA_F
ClientSampleId :
081418-DBRI-F-U-B

Tgt Ion:240 Resp: 475173

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	26.4	20.7	31.1

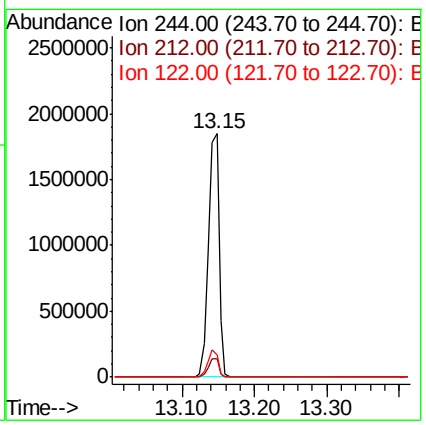


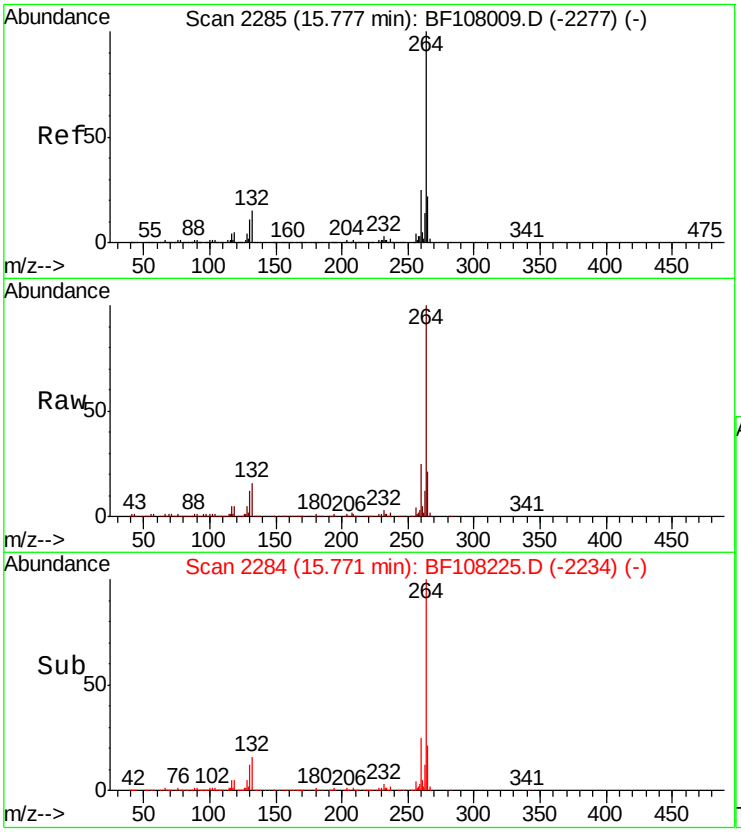


#78
Terphenyl-d14
Concen: 101.204 ng
RT: 13.15 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF108225.D
Acq: 17 Aug 2018 5:04

Tgt Ion:244 Resp: 1891379

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	9.3	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF108225.D
Acq: 17 Aug 2018 5:04

Instrument :
BNA_F
ClientSampleId :
081418-DBRI-F-U-B

Tgt Ion:264 Resp: 372904

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.0	17.5	26.3