Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
Data File : BF108229.D
Acq On : 17 Aug 2018 6:54
Operator : JU/SJ
Sample : J4504-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: Aug 17 07:27:18 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	174570	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	646651	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	304318	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	572030	20.00	ng		0.00
75) Chrysene-d12	14.21	240	485206	20.00	ng		-0.01
86) Perylene-d12	15.77	264	372308	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	405937	42.10	ng		0.00
7) Phenol-d6	6.62	99	333844	26.05	ng		0.00
23) Nitrobenzene-d5	7.58	82	1120271	96.67	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	297854	98.12	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	2006442	105.85	ng		0.00
78) Terphenyl-d14	13.15	244	1916146	100.41	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.64	94	36705	2.769	ng		89
19) n-Nitroso-di-n-propylamine	7.58	70	151651	17.502	ng	#	85
25) Isophorone	7.58	82	1118203	50.625	ng	#	64
49) Dimethylphthalate	9.76	163	95273	4.494	ng		99
50) 2,6-Dinitrotoluene	10.06	165	38740	8.735	ng	#	26
56) 2,4-Dinitrotoluene	10.06	165	38741	6.786	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.85	198	570	5.594	ng	#	1
66) 4-Bromophenyl-phenylether	10.85	248	20018	3.220	ng	#	1

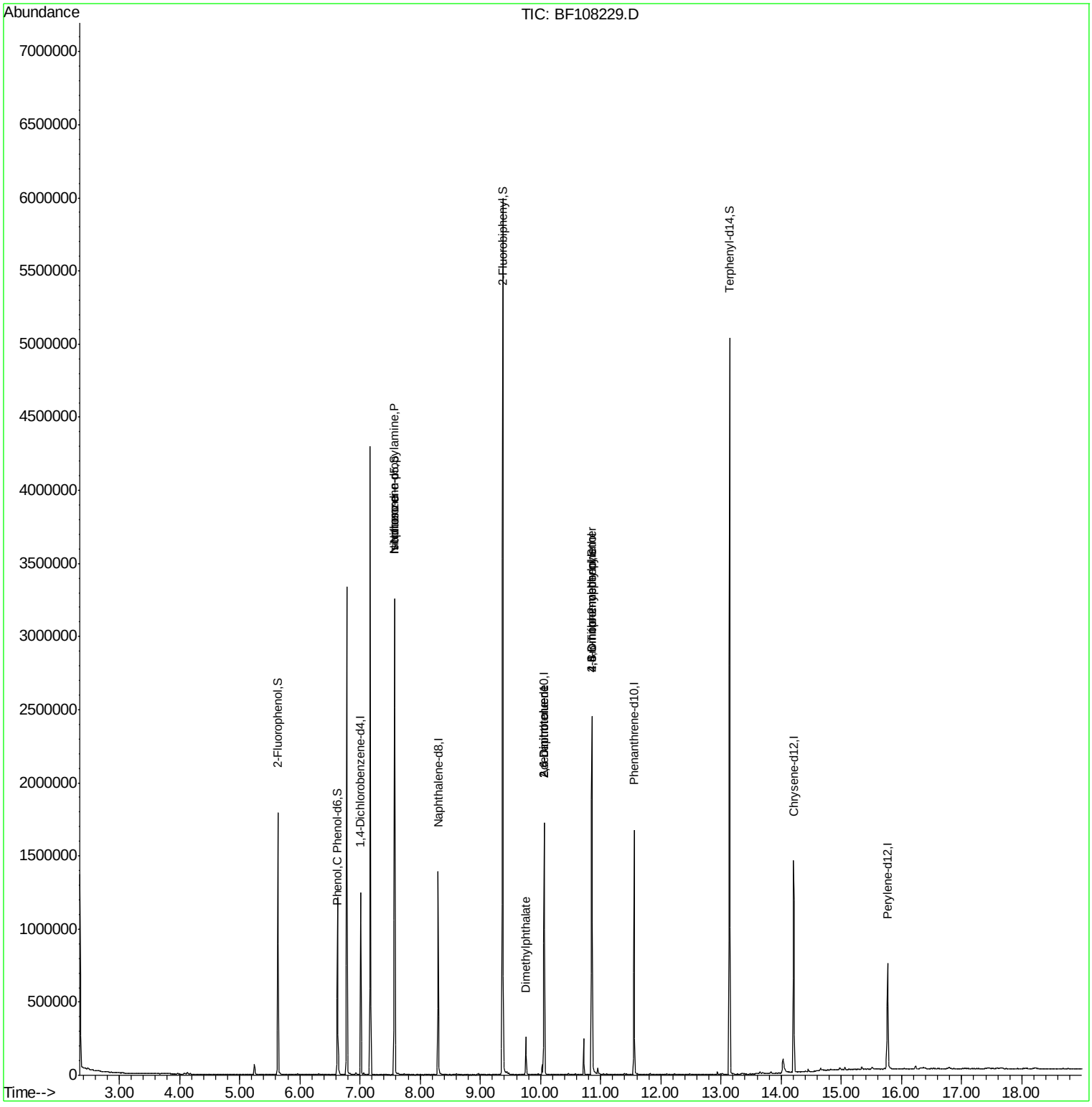
(#) = qualifier out of range (m) = manual integration (+) = signals summed

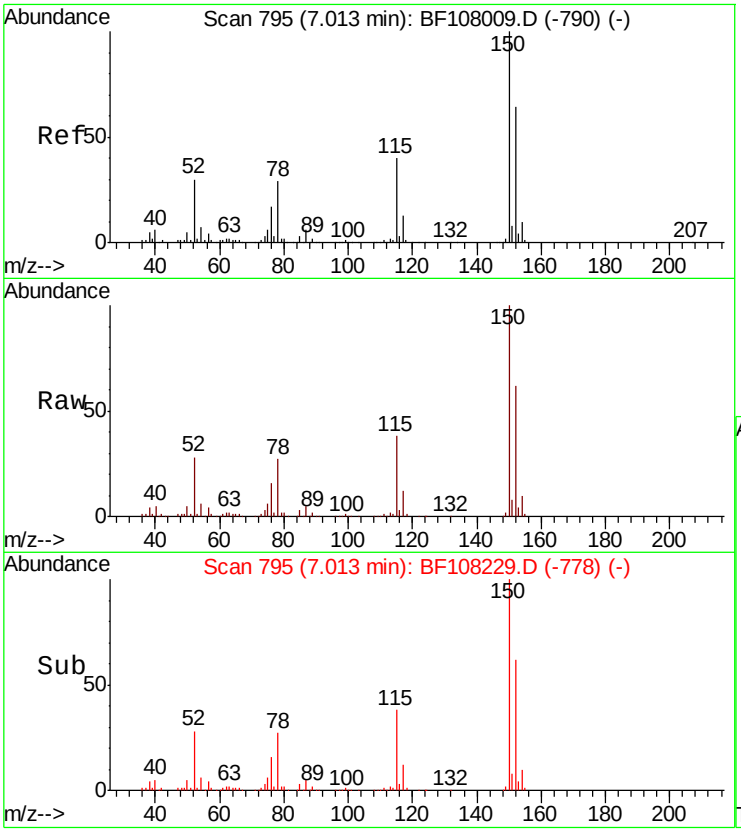
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
Data File : BF108229.D
Acq On : 17 Aug 2018 6:54
Operator : JU/SJ
Sample : J4504-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: Aug 17 07:27:18 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



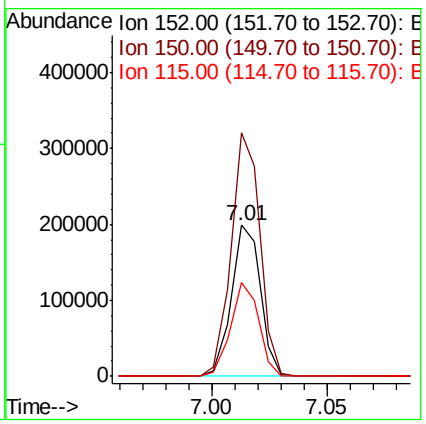


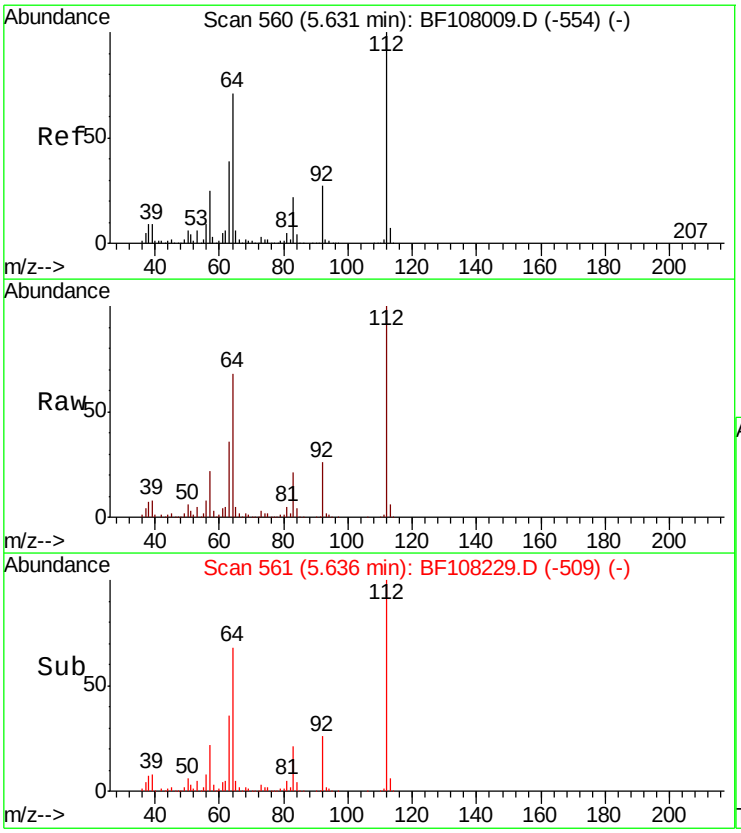
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF108229.D
Acq: 17 Aug 2018 6:54

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

Tgt Ion:152 Resp: 174570

Ion	Ratio	Lower	Upper
152	100		
150	161.4	124.6	186.8
115	61.9	50.1	75.1

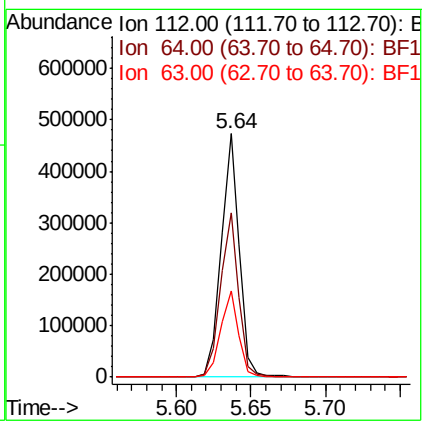


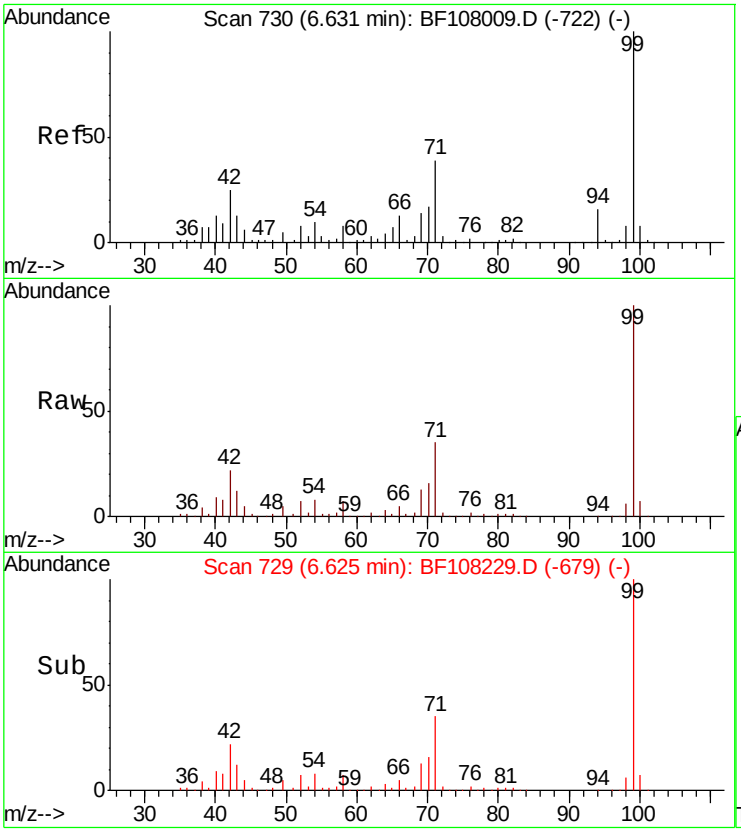


#5
2-Fluorophenol
Concen: 42.099 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108229.D
Acq: 17 Aug 2018 6:54

Tgt Ion:112 Resp: 405937

Ion	Ratio	Lower	Upper
112	100		
64	67.7	47.9	71.9
63	35.7	23.7	35.5#



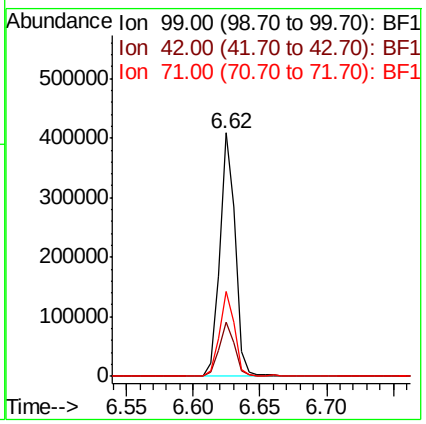


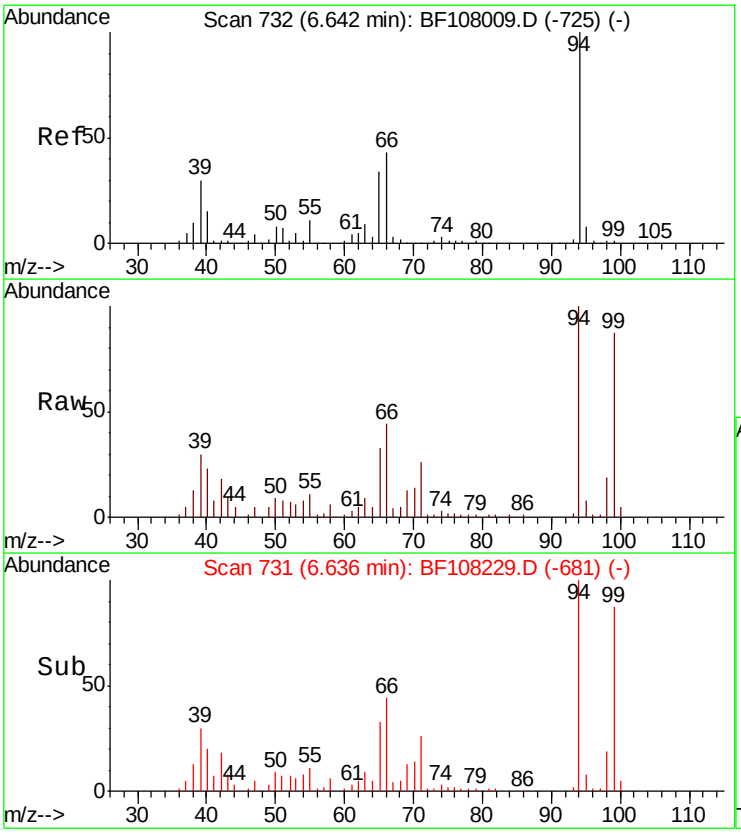
#7
Phenol-d6
Concen: 26.054 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF108229.D
Acq: 17 Aug 2018 6:54

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

Tgt Ion: 99 Resp: 333844

Ion	Ratio	Lower	Upper
99	100		
42	22.3	14.5	21.7#
71	34.7	25.4	38.0

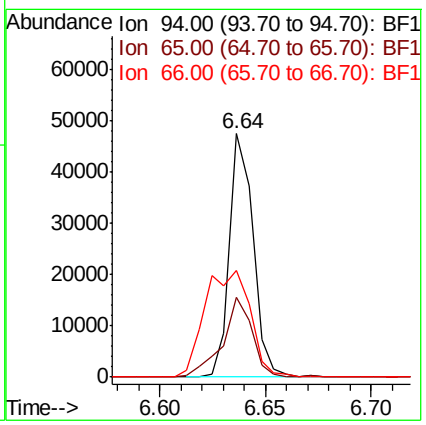


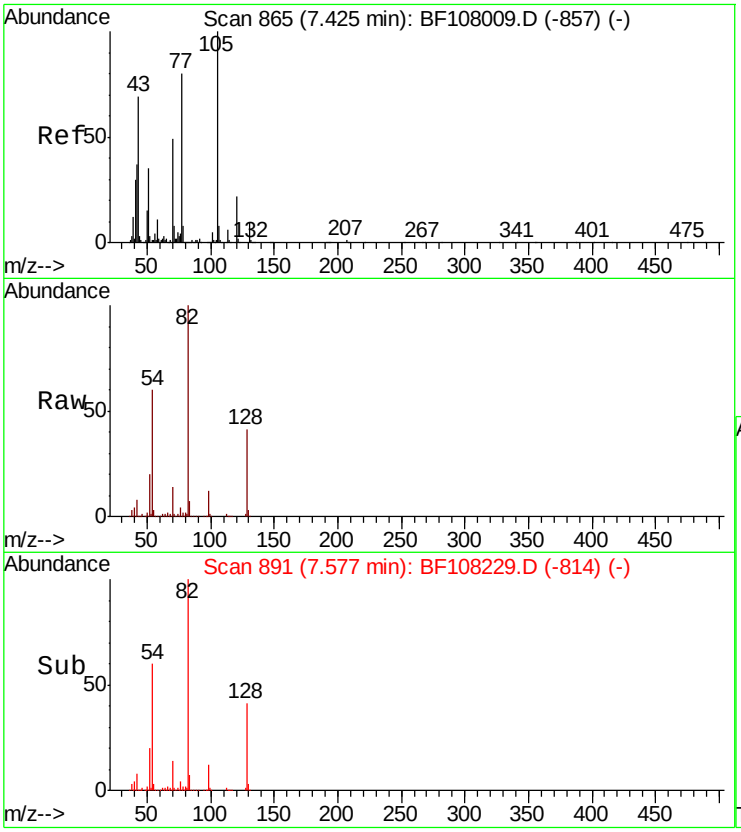


#10
Phenol
Concen: 2.769 ng
RT: 6.64 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF108229.D
Acq: 17 Aug 2018 6:54

Tgt Ion: 94 Resp: 36705

Ion	Ratio	Lower	Upper
94	100		
65	32.6	7.9	47.9
66	43.8	16.2	56.2



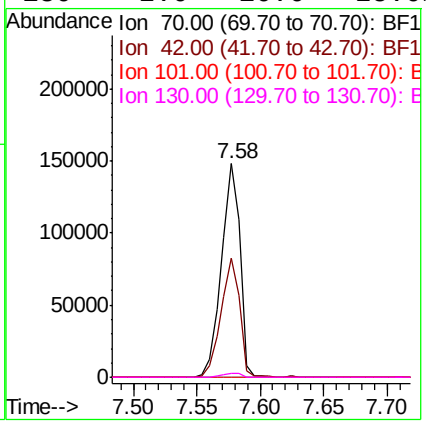


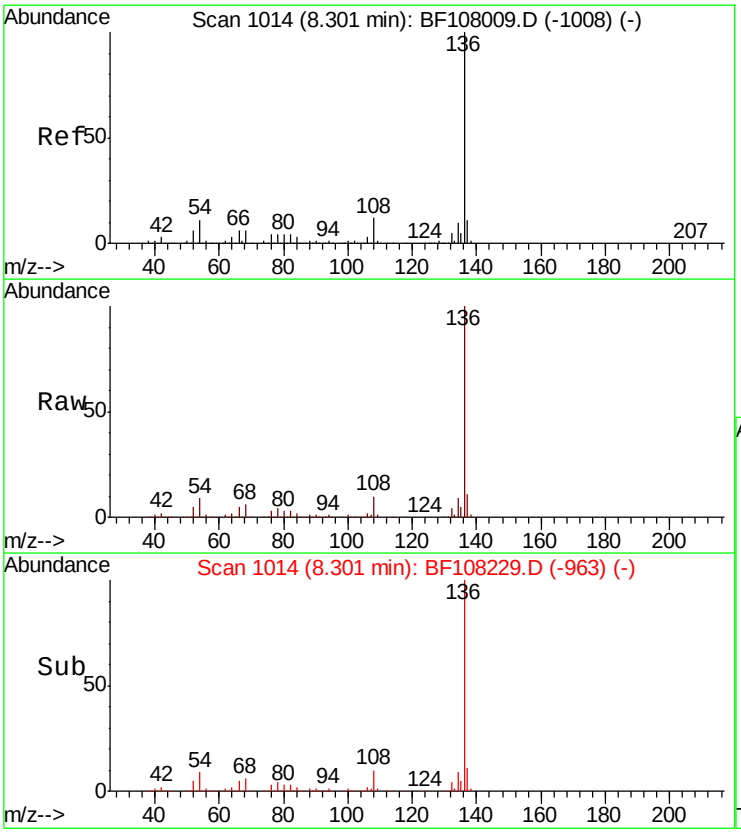
#19
n-Nitroso-di-n-propylamine
Concen: 17.502 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108229.D
Acq: 17 Aug 2018 6:54

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

Tgt Ion: 70 Resp: 151651

Ion	Ratio	Lower	Upper
70	100		
42	56.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

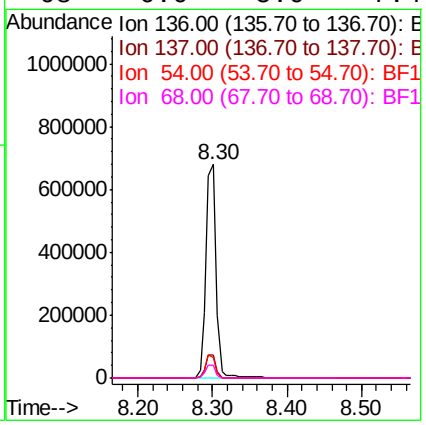


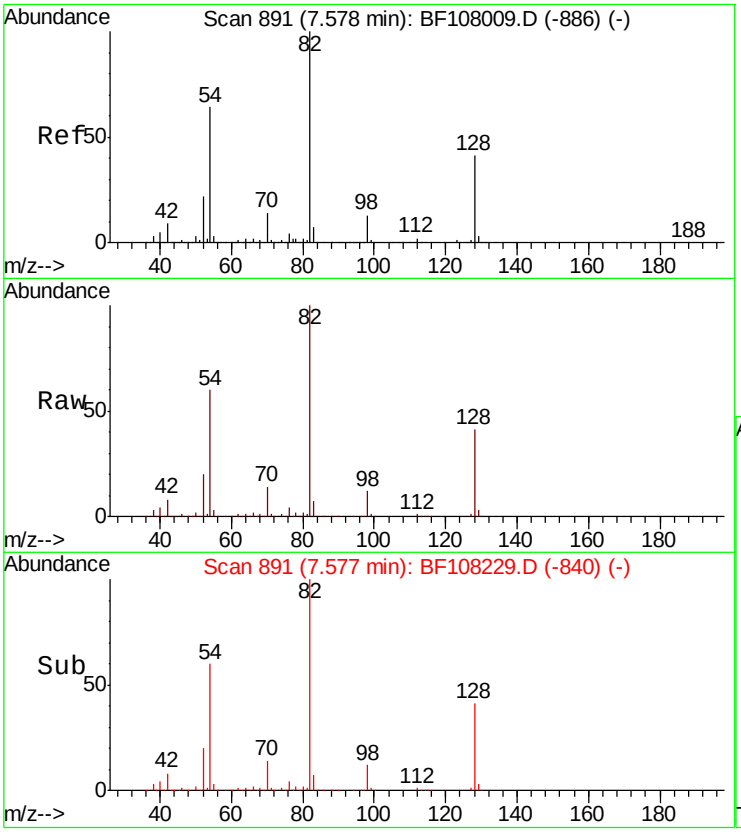


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF108229.D
Acq: 17 Aug 2018 6:54

Tgt Ion:136 Resp: 646651

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.3	6.6	9.8
68	6.0	5.0	7.4



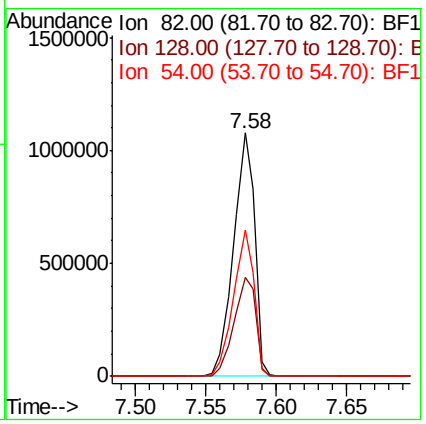


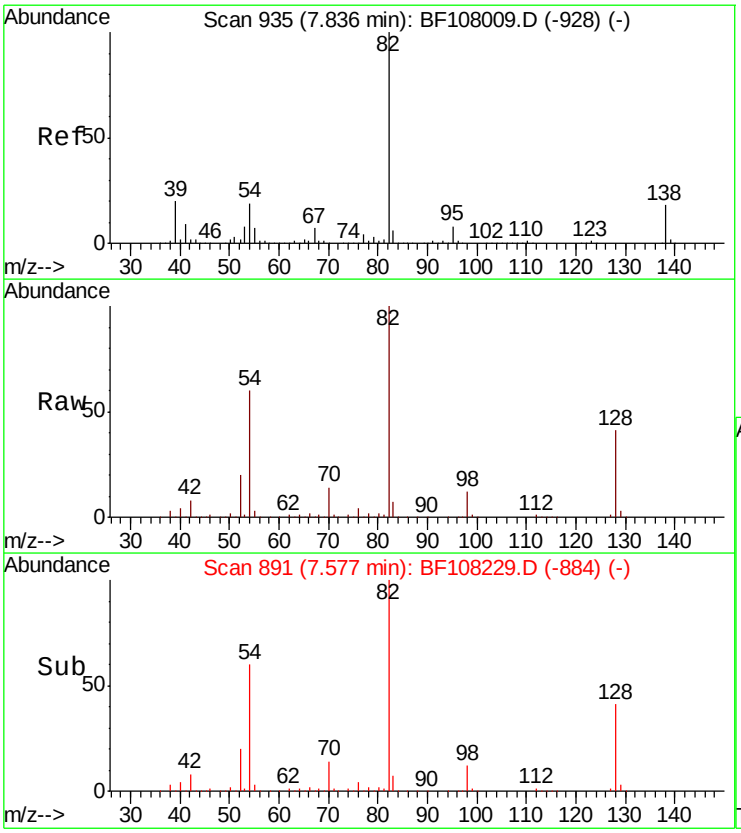
#23
Nitrobenzene-d5
Concen: 96.672 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF108229.D
Acq: 17 Aug 2018 6:54

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

Tgt Ion: 82 Resp: 1120271

Ion	Ratio	Lower	Upper
82	100		
128	40.5	36.1	54.1
54	60.1	41.4	62.2

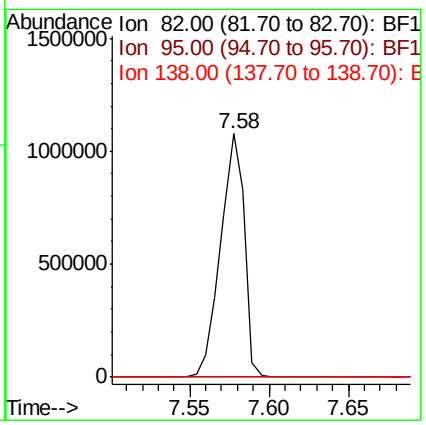


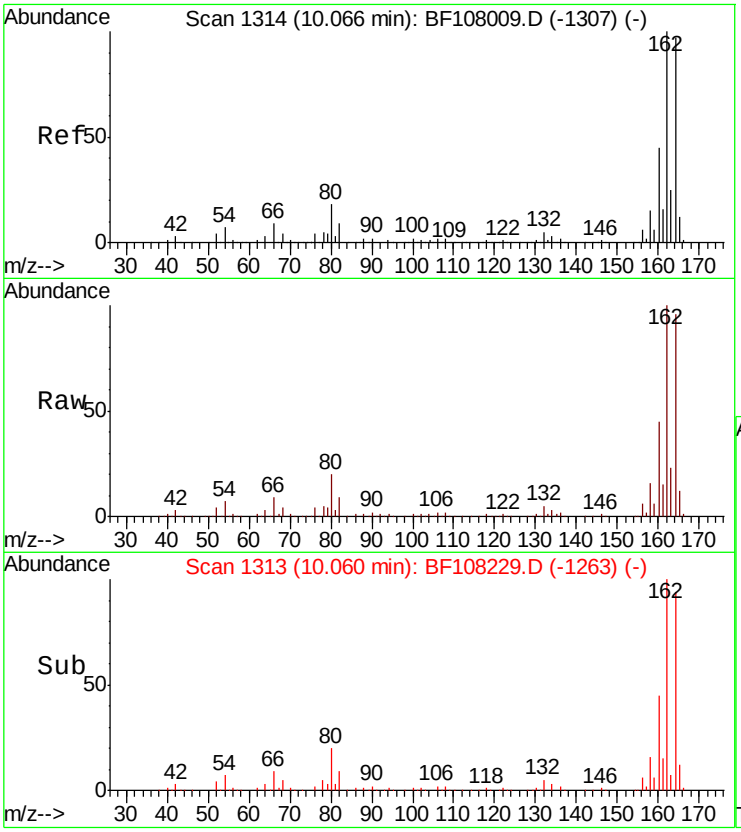


#25
Isophorone
Concen: 50.625 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108229.D
Acq: 17 Aug 2018 6:54

Tgt Ion: 82 Resp: 1118203

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



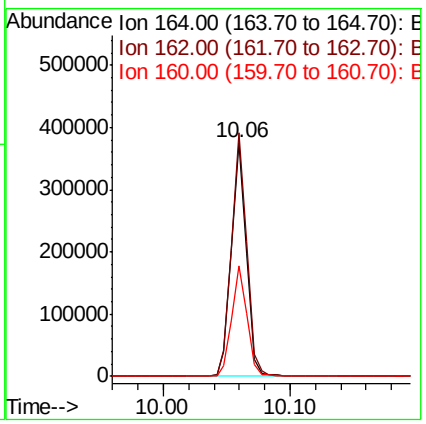


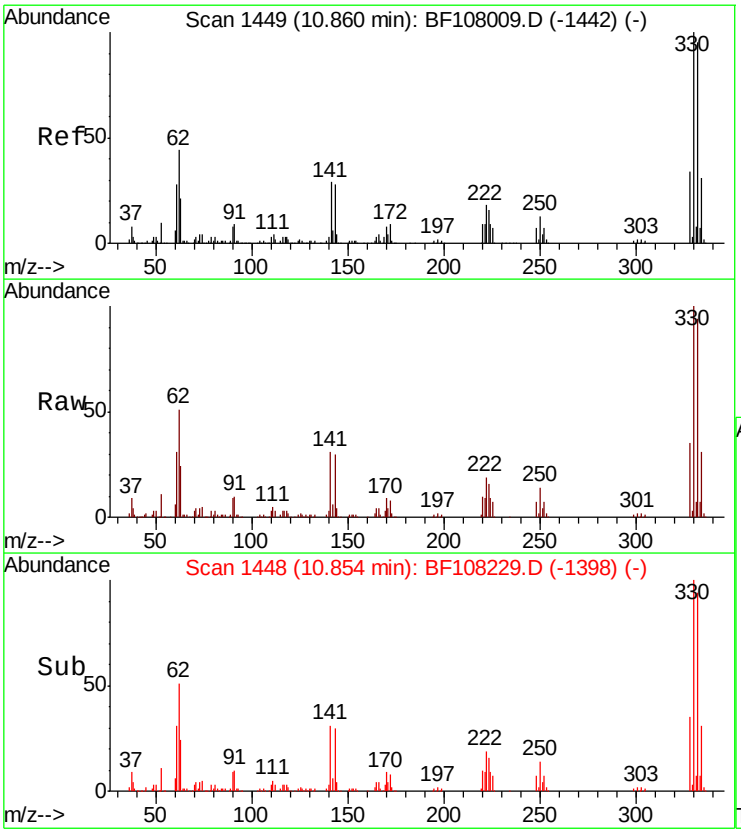
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108229.D
Acq: 17 Aug 2018 6:54

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

Tgt Ion:164 Resp: 304318

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	47.4	38.3	57.5

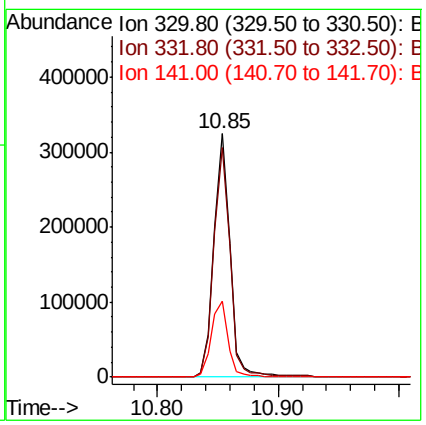


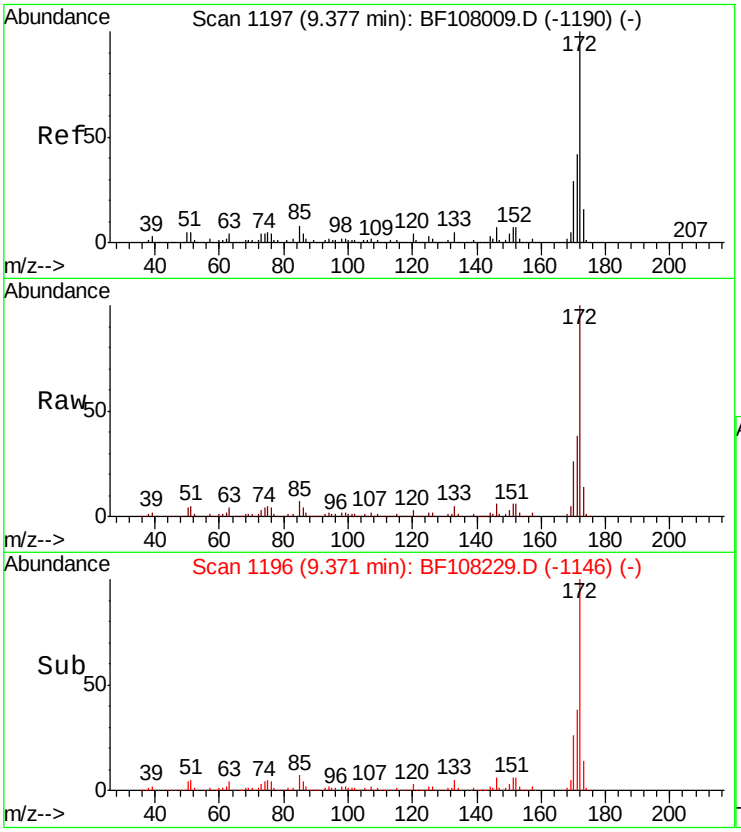


#41
2,4,6-Tribromophenol
Concen: 98.124 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF108229.D
Acq: 17 Aug 2018 6:54

Tgt Ion:330 Resp: 297854

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	32.9	29.9	44.9



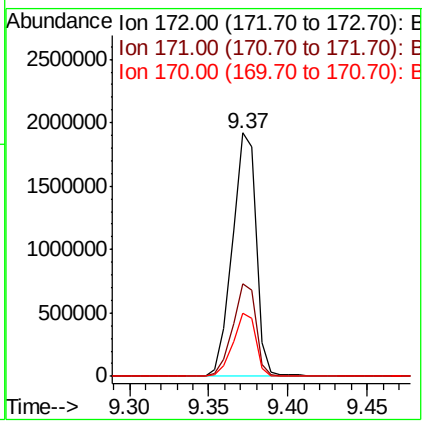


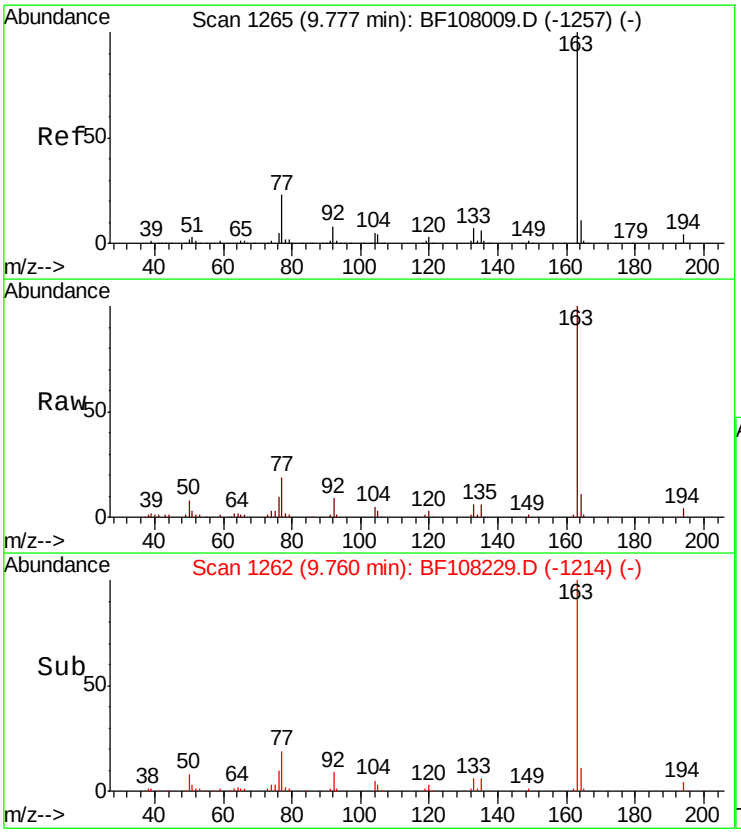
#44
2-Fluorobiphenyl
Concen: 105.852 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108229.D
Acq: 17 Aug 2018 6:54

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

Tgt Ion:172 Resp: 2006442

Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.7	44.5
170	25.9	19.6	29.4

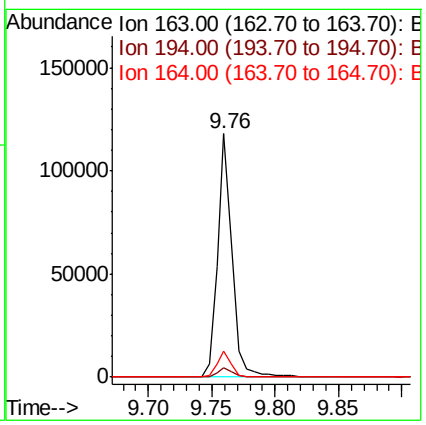


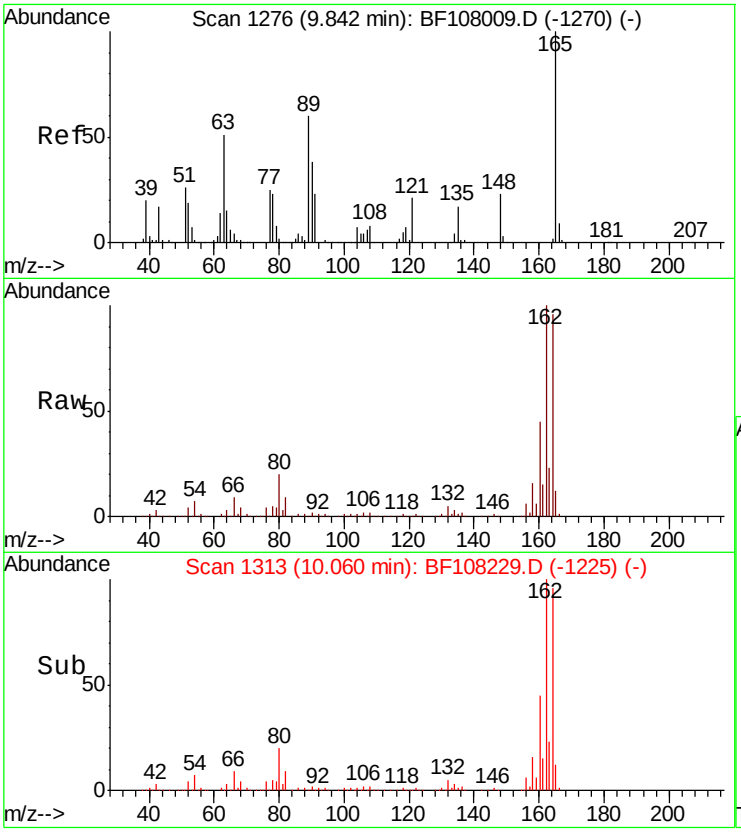


#49
Dimethylphthalate
Concen: 4.494 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108229.D
Acq: 17 Aug 2018 6:54

Tgt Ion:163 Resp: 95273

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.5	8.2	12.2



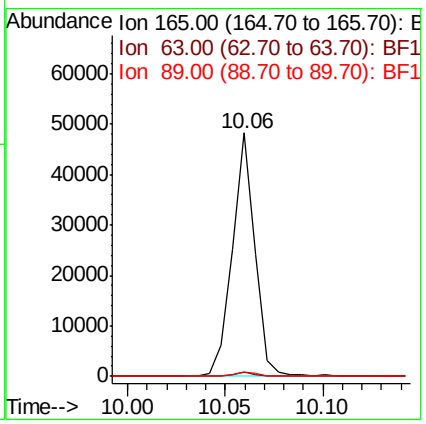


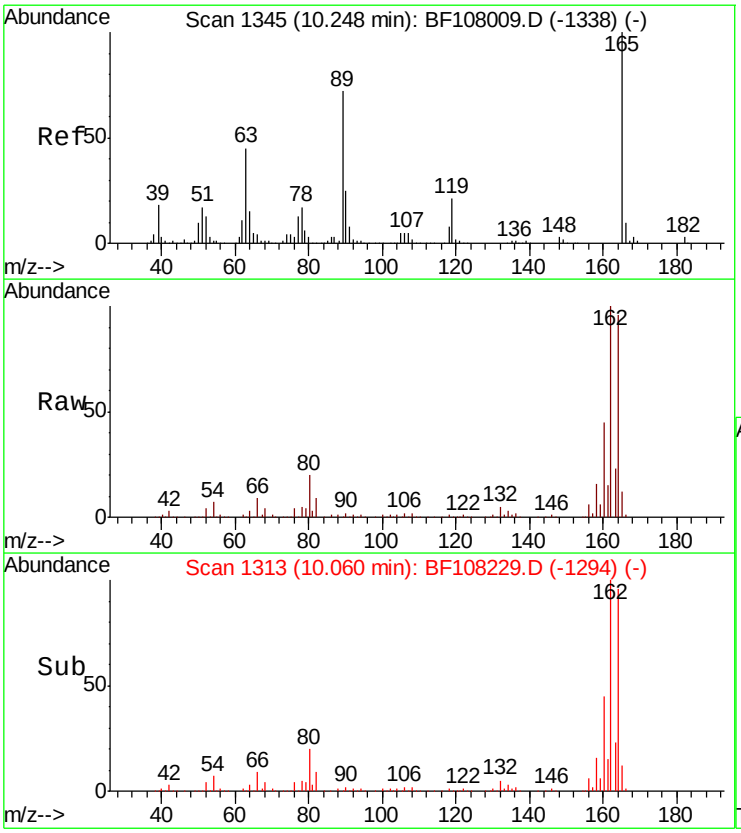
#50
2,6-Dinitrotoluene
Concen: 8.735 ng
RT: 10.06 min Scan# 1313
Delta R.T. 0.22 min
Lab File: BF108229.D
Acq: 17 Aug 2018 6:54

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

Tgt Ion:165 Resp: 38740

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.7	44.0	66.0#

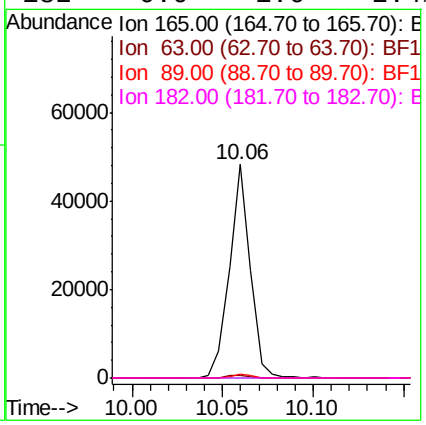


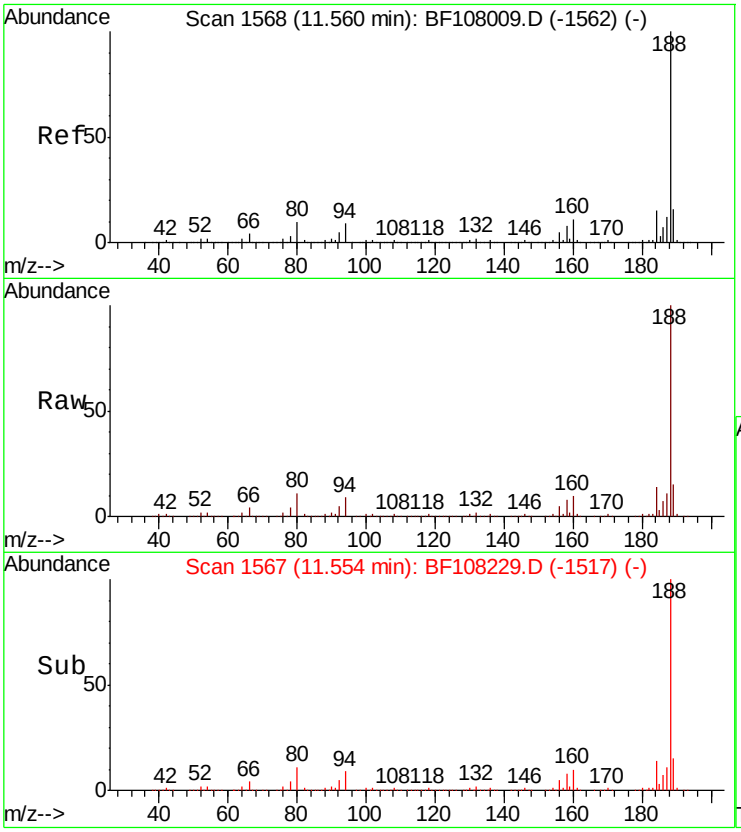


#56
2,4-Dinitrotoluene
Concen: 6.786 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108229.D
Acq: 17 Aug 2018 6:54

Tgt Ion:165 Resp: 38741

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



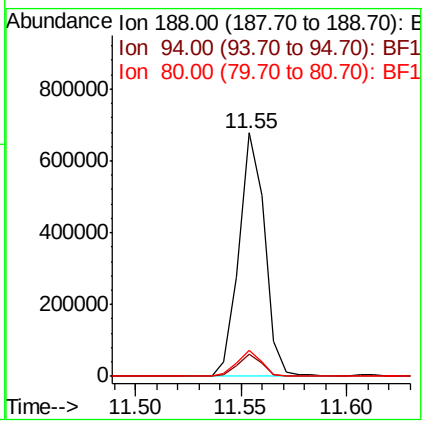


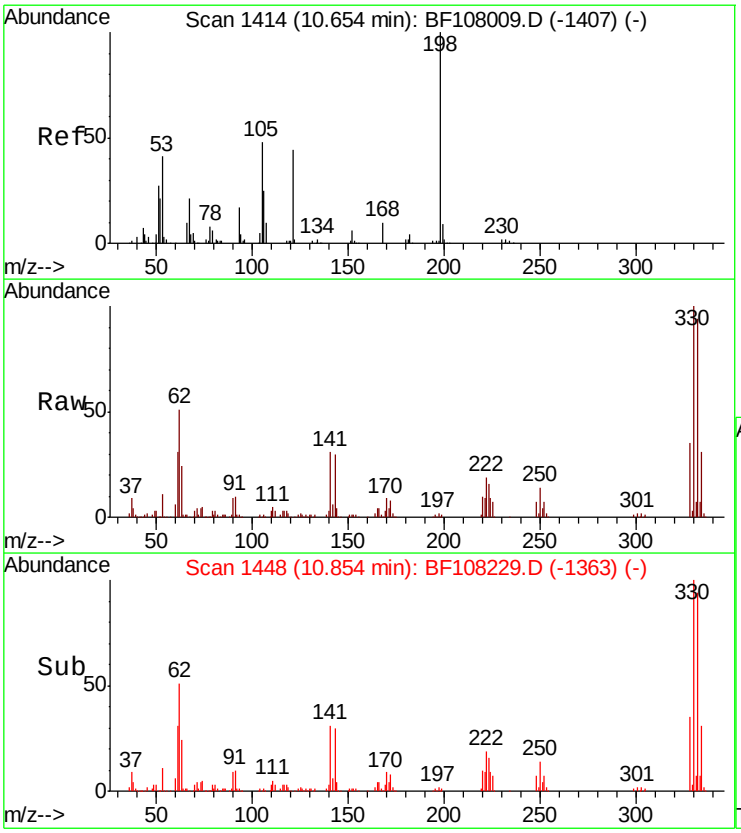
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108229.D
Acq: 17 Aug 2018 6:54

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

Tgt Ion:188 Resp: 572030

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	10.7	9.2	13.8

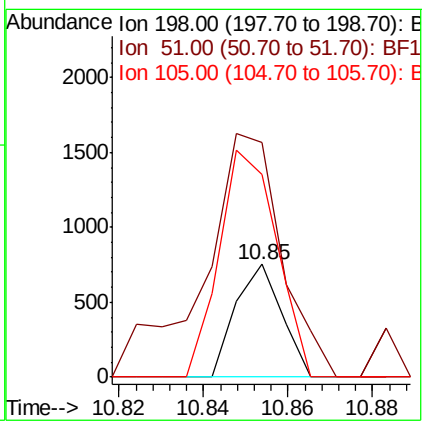


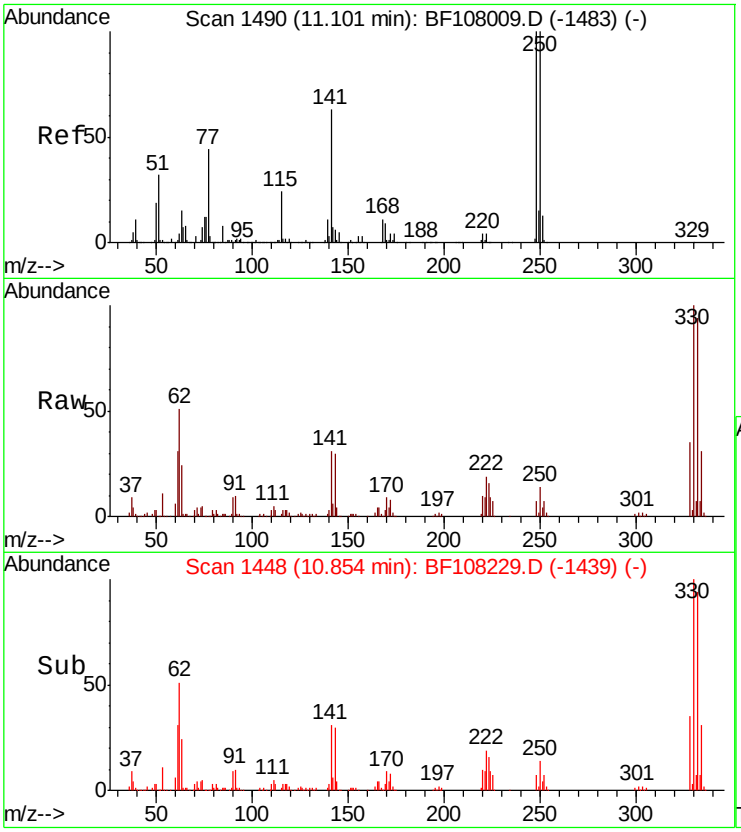


#64
4,6-Dinitro-2-methylphenol
Concen: 5.594 ng
RT: 10.85 min Scan# 1448
Delta R.T. 0.20 min
Lab File: BF108229.D
Acq: 17 Aug 2018 6:54

Tgt Ion:198 Resp: 570

Ion	Ratio	Lower	Upper
198	100		
51	208.0	37.7	77.7#
105	180.1	36.3	76.3#



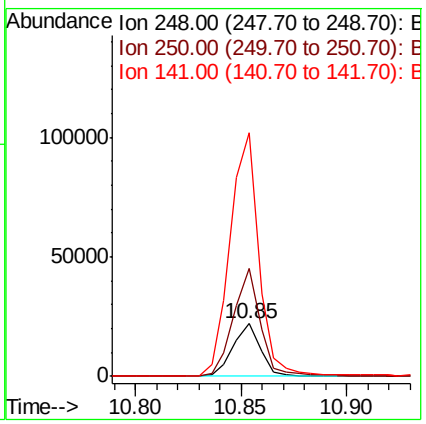


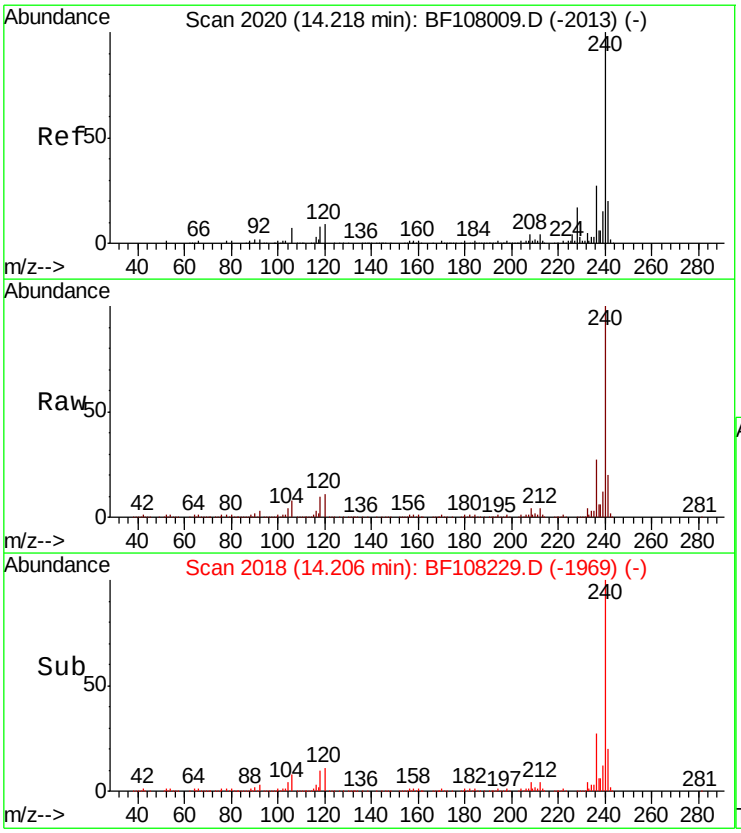
#66
4-Bromophenyl-phenylether
Concen: 3.220 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF108229.D
Acq: 17 Aug 2018 6:54

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

Tgt Ion:248 Resp: 20018

Ion	Ratio	Lower	Upper
248	100		
250	205.1	76.9	115.3#
141	464.2	74.4	111.6#

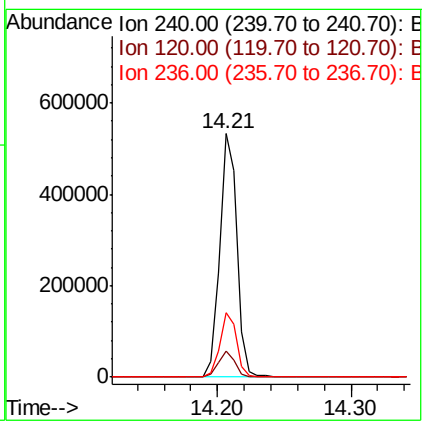


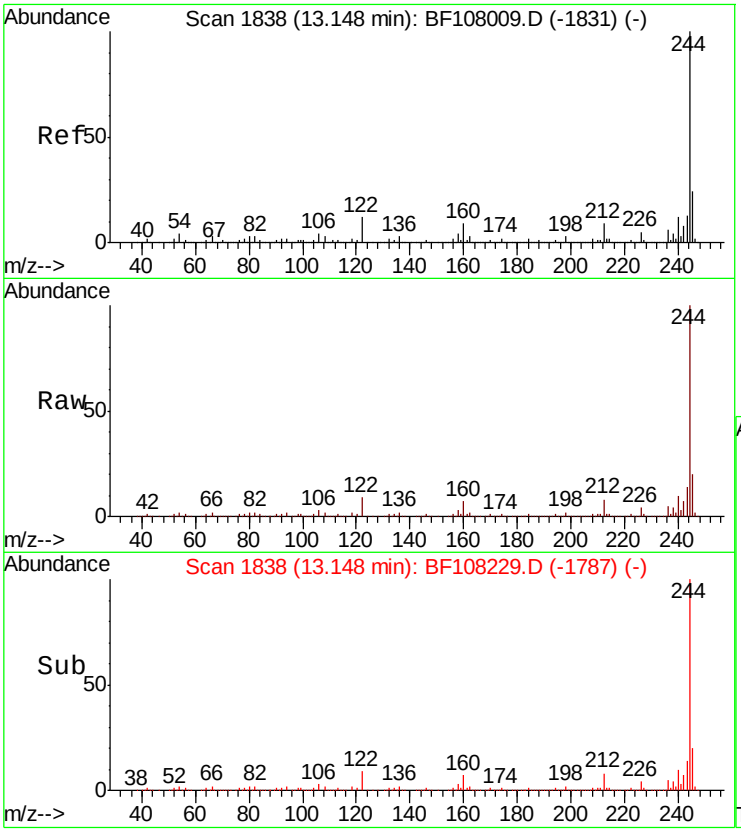


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF108229.D
Acq: 17 Aug 2018 6:54

Tgt Ion:240 Resp: 485206

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	26.6	20.7	31.1



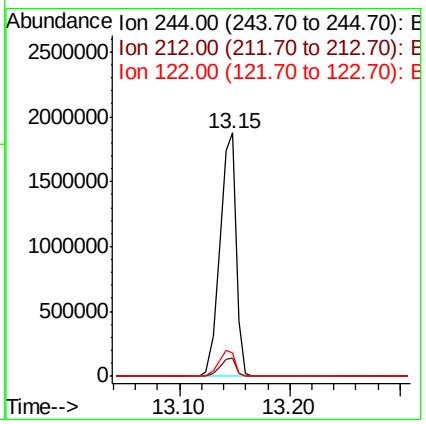


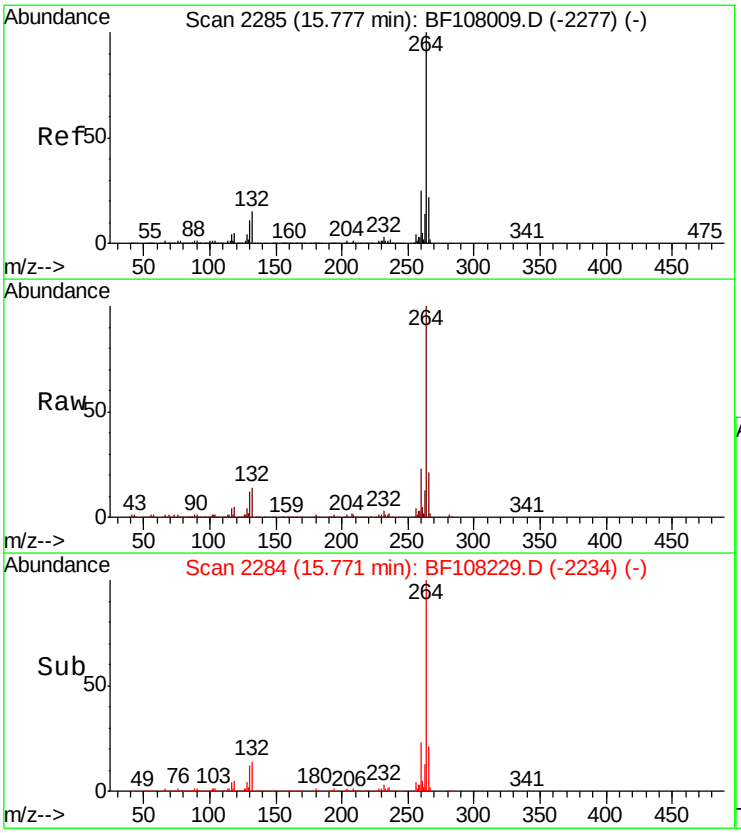
#78
Terphenyl-d14
Concen: 100.410 ng
RT: 13.15 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF108229.D
Acq: 17 Aug 2018 6:54

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

Tgt Ion:244 Resp: 1916146

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	9.5	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: BF108229.D
Acq: 17 Aug 2018 6:54

Tgt Ion:264 Resp: 372308

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.0	17.5	26.3