Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082918\
Data File : BF108612.D
Acq On : 29 Aug 2018 18:43
Operator : JU/SJ
Sample : J4683-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 082718-SIDI-F-D-B

Quant Time: Aug 30 01:09:53 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	108742	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	410774	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	186051	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	300145	20.00	ng	0.00
75) Chrysene-d12	14.19	240	240006	20.00	ng	0.00
86) Perylene-d12	15.75	264	242710	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	255082	42.47	ng	0.00
7) Phenol-d6	6.62	99	234709	29.41	ng	0.00
23) Nitrobenzene-d5	7.57	82	803553	109.16	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	176308	95.00	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1438897	124.17	ng	-0.01
78) Terphenyl-d14	13.12	244	989975	104.88	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.77	77	12805	2.069	ng	# 77
19) n-Nitroso-di-n-propylamine	7.57	70	105905	19.621	ng	# 82
25) Isophorone	7.57	82	803549	57.269	ng	# 64
49) Dimethylphthalate	9.75	163	103332	7.973	ng	99
56) 2,4-Dinitrotoluene	10.04	165	22360	6.407	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	365	5.646	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	11057	3.390	ng	# 1

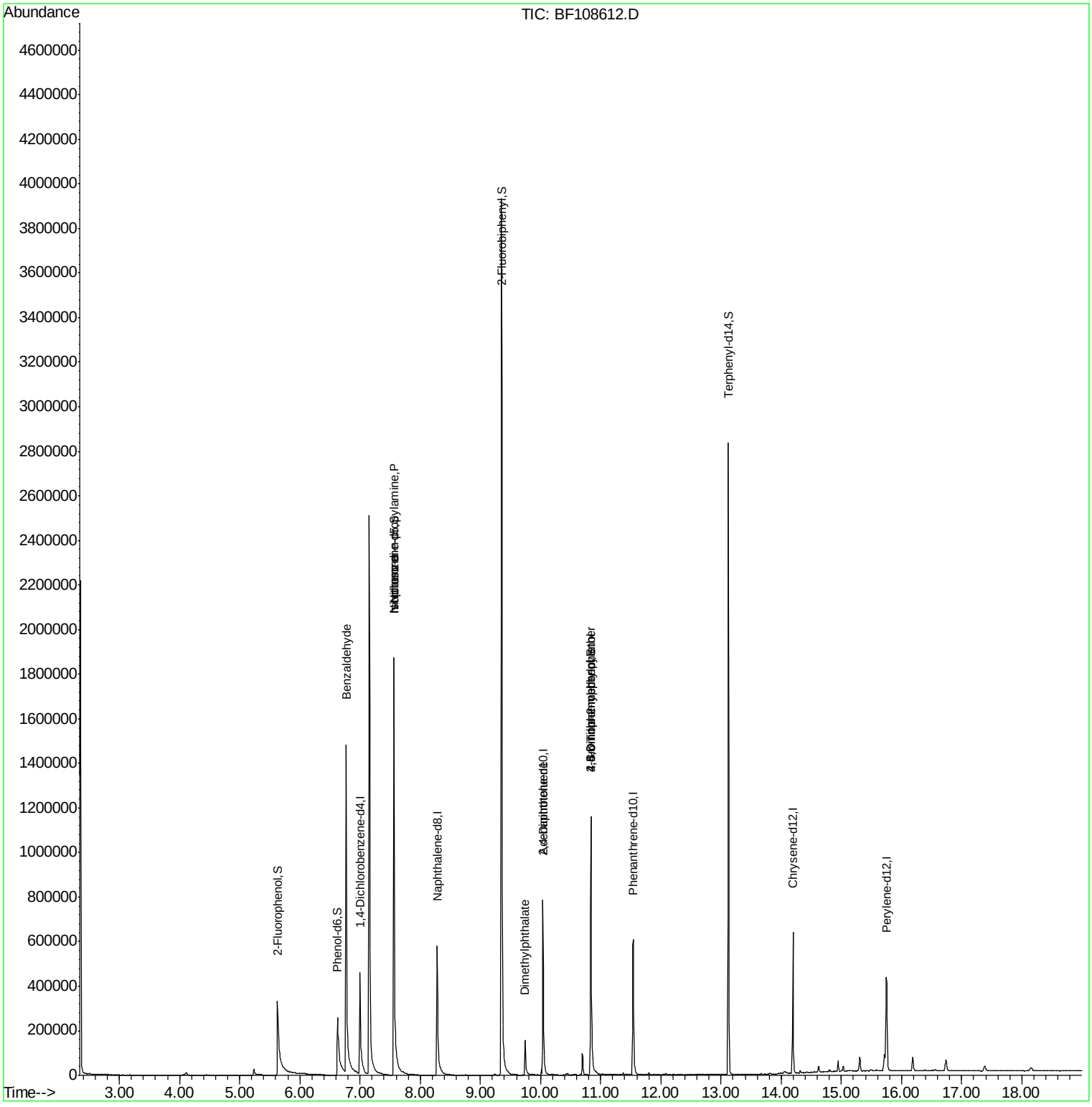
(#) = qualifier out of range (m) = manual integration (+) = signals summed

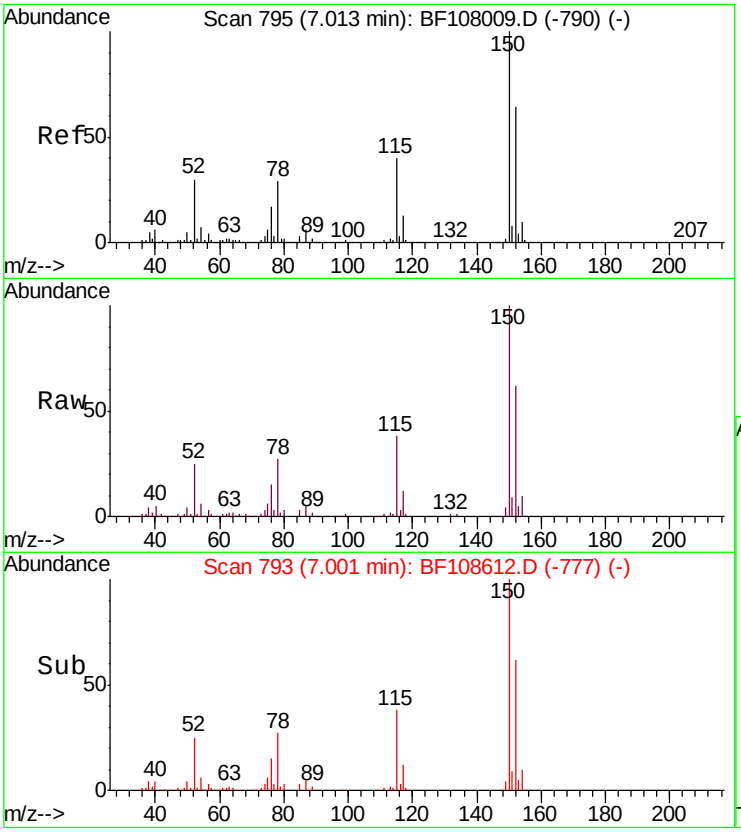
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082918\
Data File : BF108612.D
Acq On : 29 Aug 2018 18:43
Operator : JU/SJ
Sample : J4683-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
082718-SIDI-F-D-B

Quant Time: Aug 30 01:09:53 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



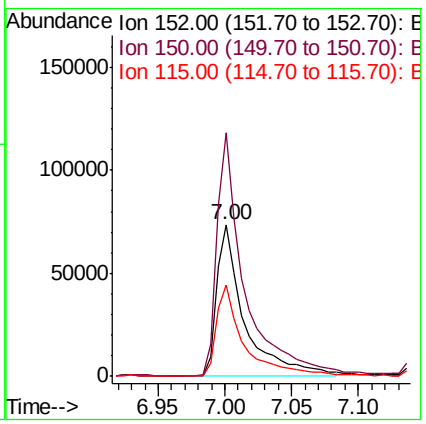


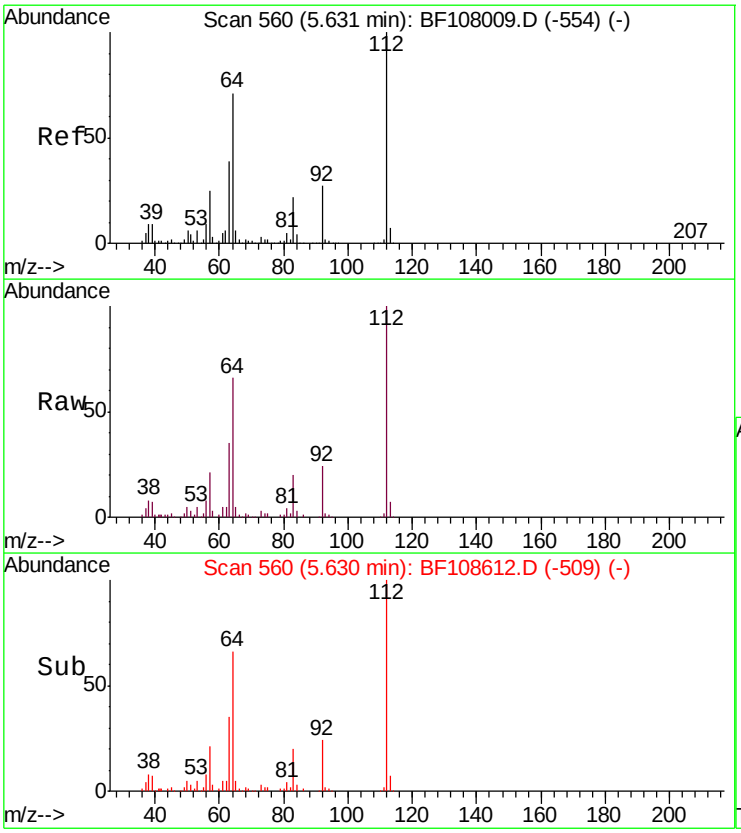
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108612.D
Acq: 29 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
082718-SIDI-F-D-B

Tgt Ion:152 Resp: 108742

Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.6	186.8
115	60.1	50.1	75.1

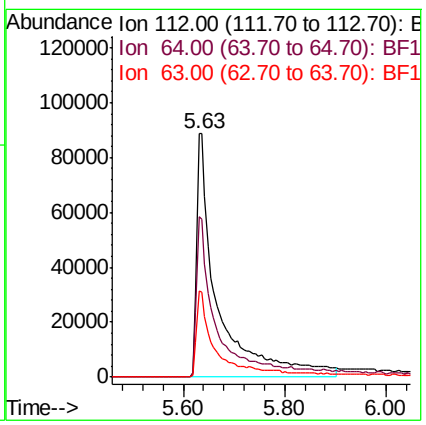


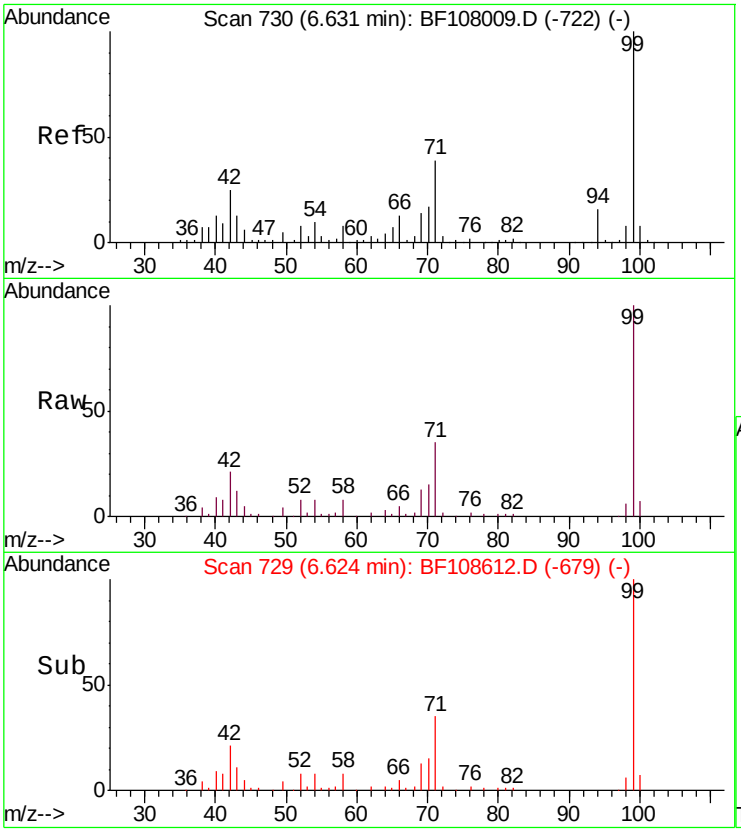


#5
2-Fluorophenol
Concen: 42.469 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108612.D
Acq: 29 Aug 2018 18:43

Tgt Ion:112 Resp: 255082

Ion	Ratio	Lower	Upper
112	100		
64	65.8	47.9	71.9
63	35.3	23.7	35.5



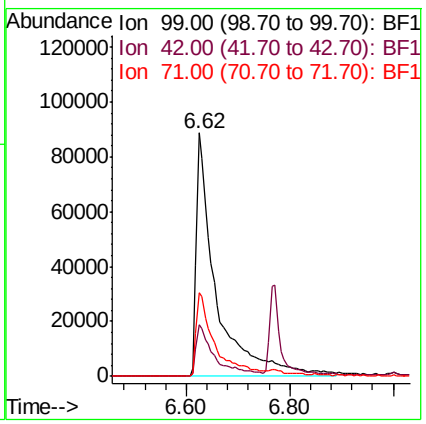


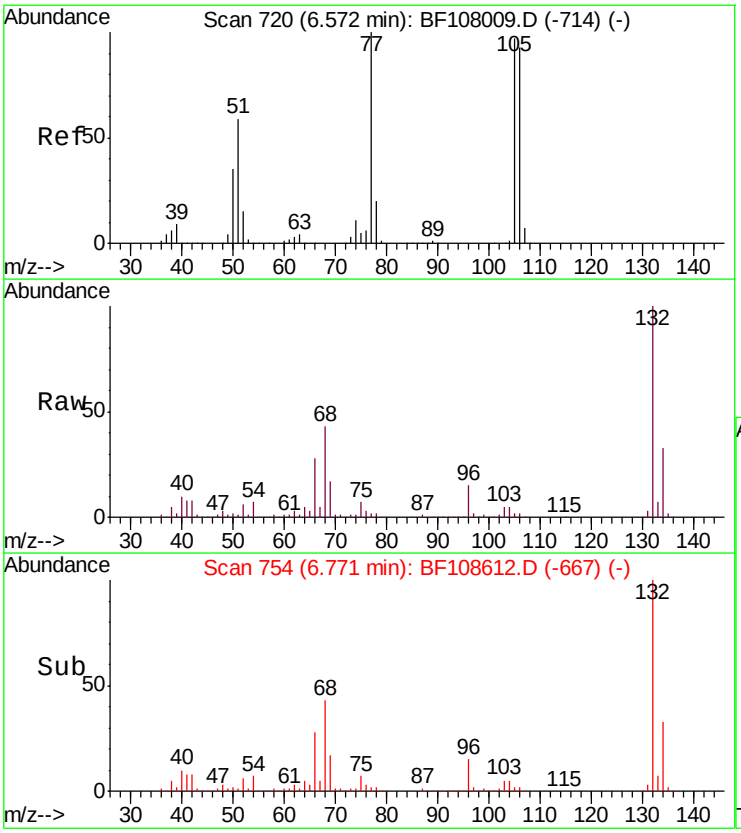
#7
Phenol-d6
Concen: 29.406 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF108612.D
Acq: 29 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
082718-SIDI-F-D-B

Tgt Ion: 99 Resp: 234709

Ion	Ratio	Lower	Upper
99	100		
42	21.3	14.5	21.7
71	34.5	25.4	38.0

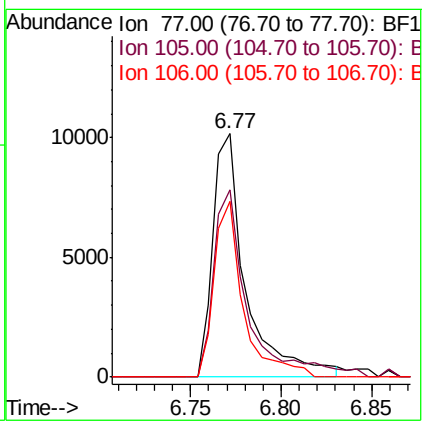


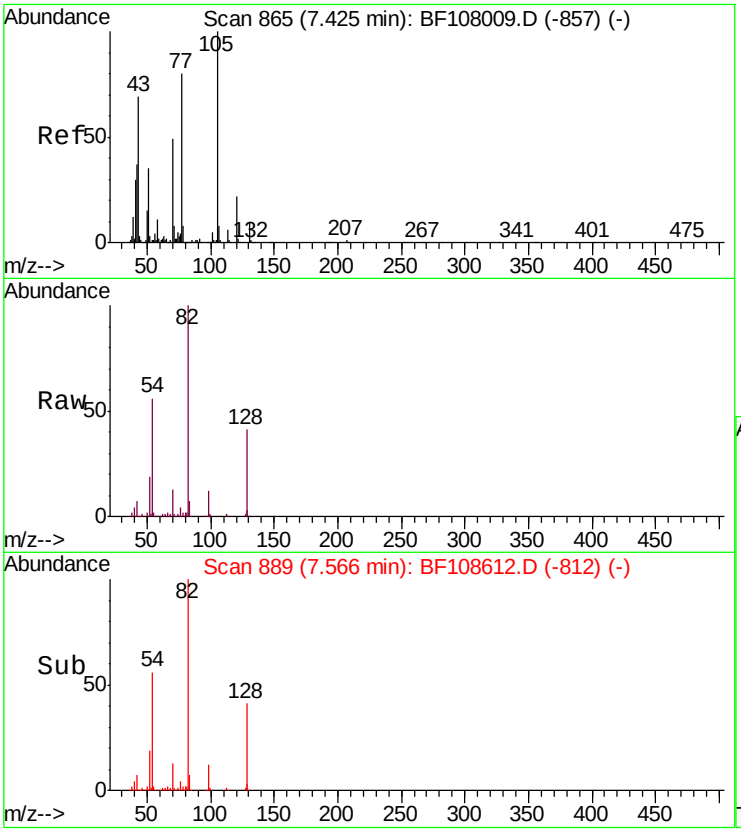


#9
Benzaldehyde
Concen: 2.069 ng
RT: 6.77 min Scan# 754
Delta R.T. 0.21 min
Lab File: BF108612.D
Acq: 29 Aug 2018 18:43

Tgt Ion: 77 Resp: 12805

Ion	Ratio	Lower	Upper
77	100		
105	77.1	81.1	121.1#
106	72.2	74.5	114.5#



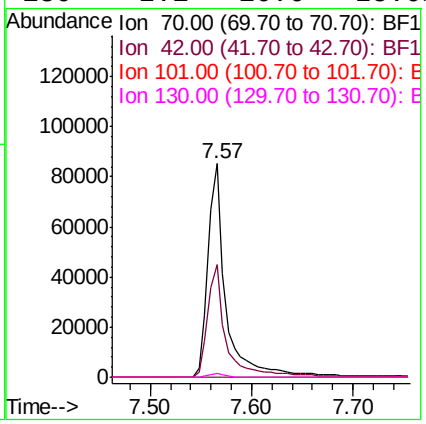


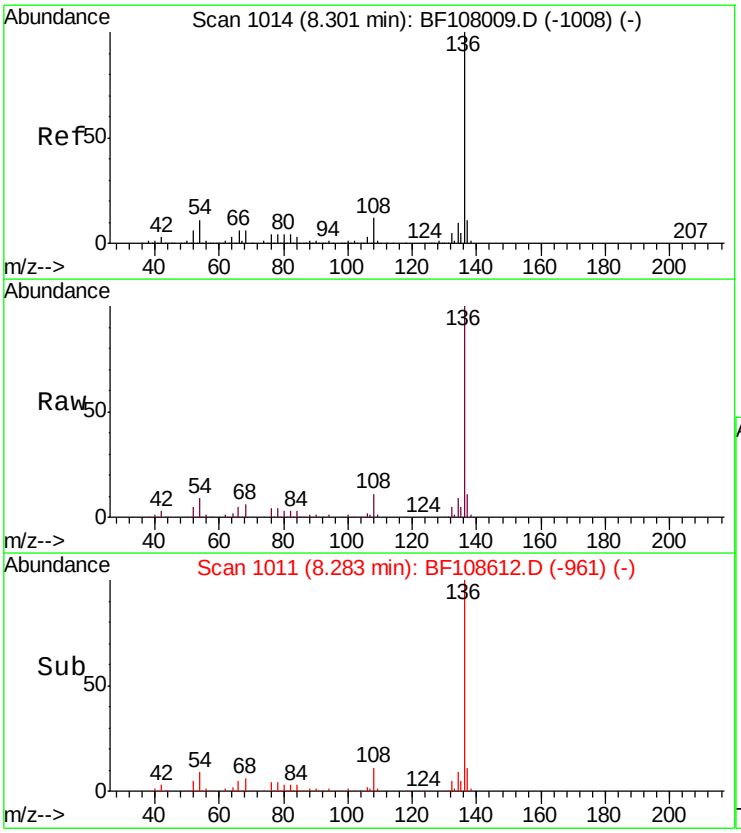
#19
n-Nitroso-di-n-propylamine
Concen: 19.621 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108612.D
Acq: 29 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
082718-SIDI-F-D-B

Tgt Ion: 70 Resp: 105905

Ion	Ratio	Lower	Upper
70	100		
42	52.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

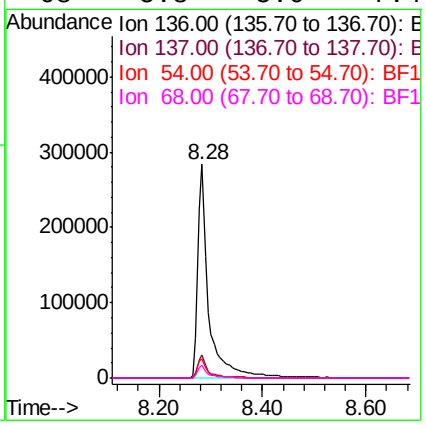


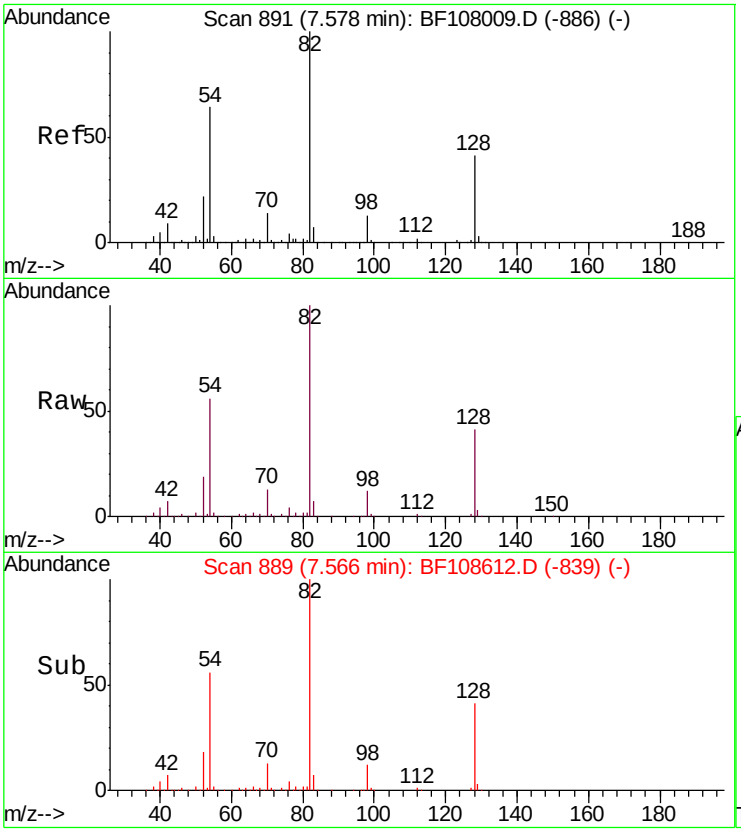


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108612.D
Acq: 29 Aug 2018 18:43

Tgt Ion:136 Resp: 410774

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.3	6.6	9.8
68	5.8	5.0	7.4



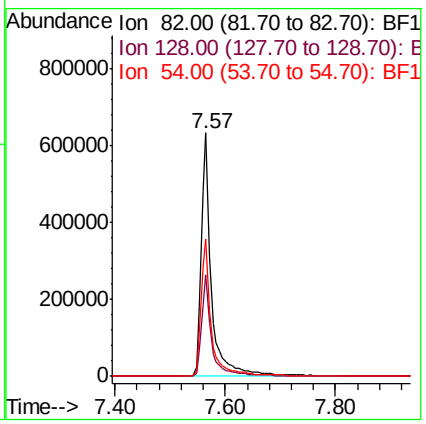


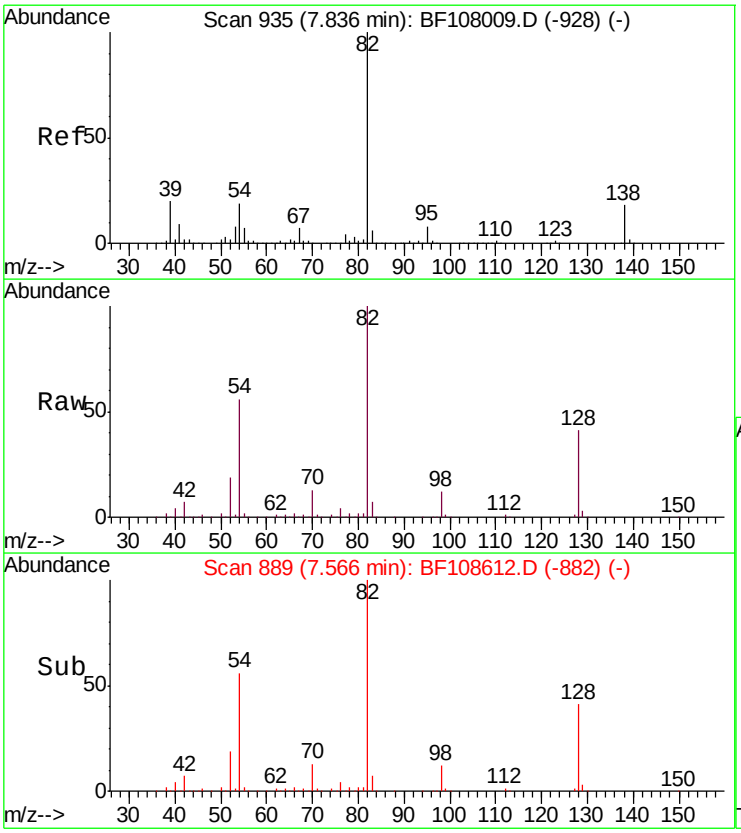
#23
Nitrobenzene-d5
Concen: 109.158 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108612.D
Acq: 29 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
082718-SIDI-F-D-B

Tgt Ion: 82 Resp: 803553

Ion	Ratio	Lower	Upper
82	100		
128	41.5	36.1	54.1
54	56.4	41.4	62.2

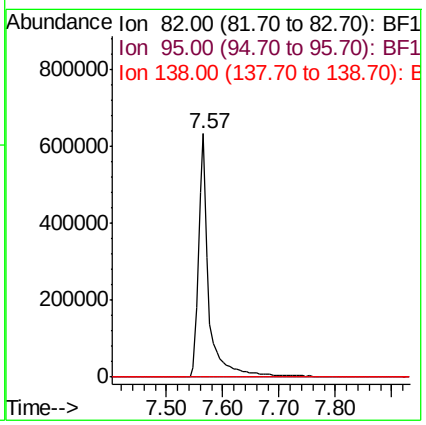


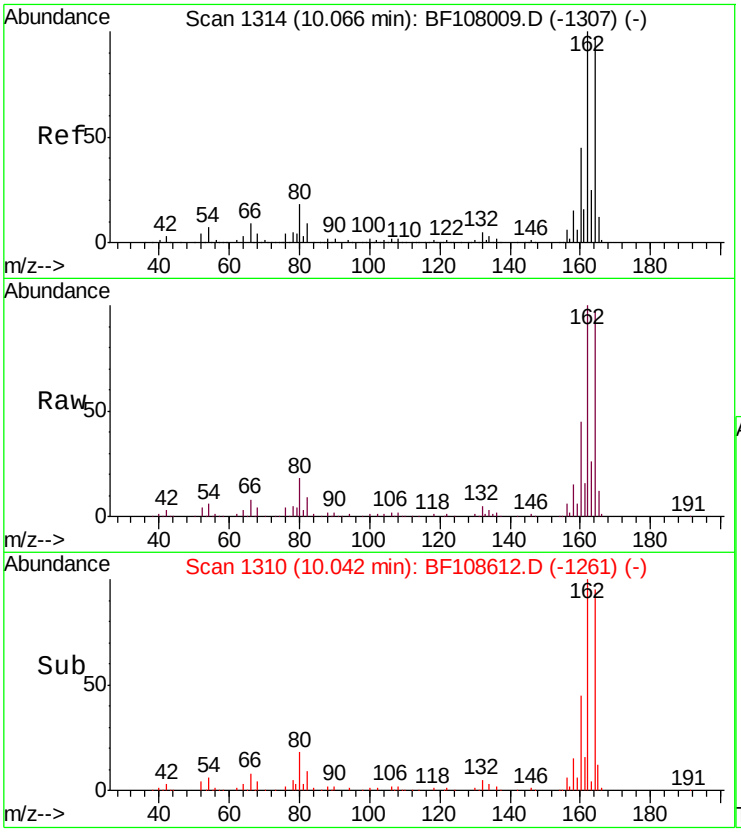


#25
Isophorone
Concen: 57.269 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108612.D
Acq: 29 Aug 2018 18:43

Tgt Ion: 82 Resp: 803549

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



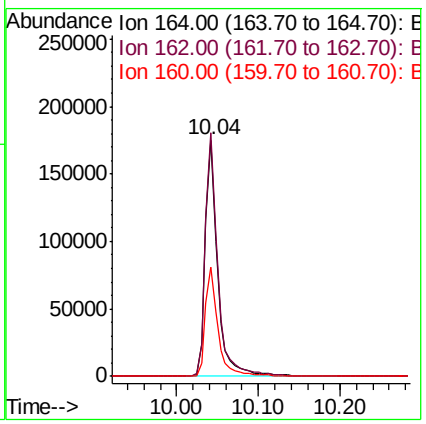


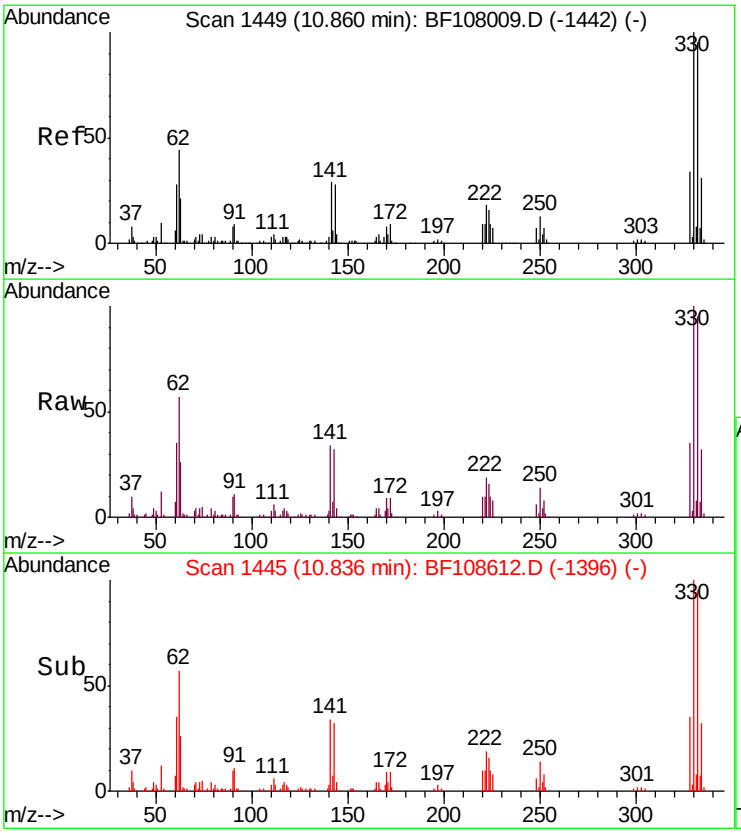
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108612.D
Acq: 29 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
082718-SIDI-F-D-B

Tgt Ion:164 Resp: 186051

Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	46.2	38.3	57.5

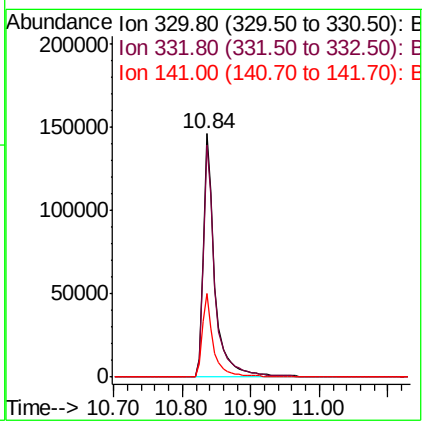


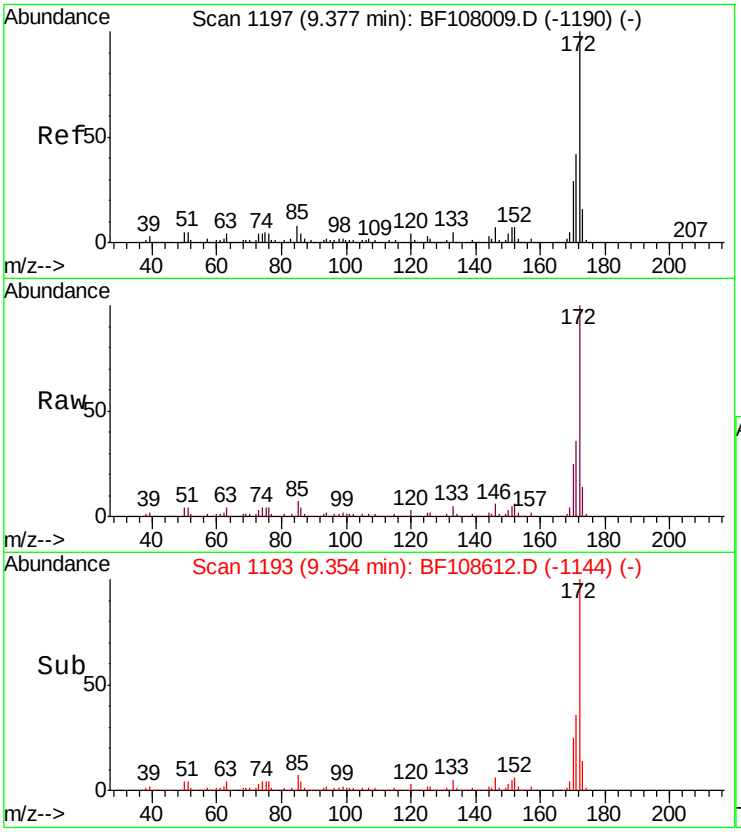


#41
2,4,6-Tribromophenol
Concen: 95.003 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108612.D
Acq: 29 Aug 2018 18:43

Tgt Ion:330 Resp: 176308

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	33.1	29.9	44.9



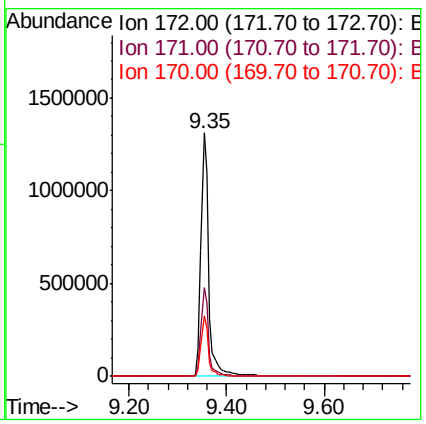


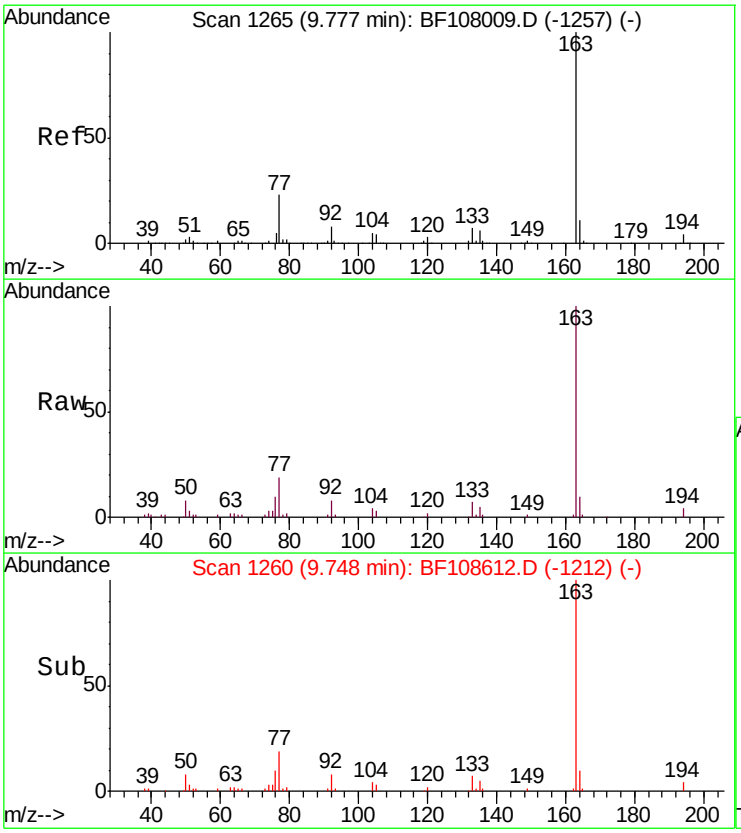
#44
2-Fluorobiphenyl
Concen: 124.165 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108612.D
Acq: 29 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
082718-SIDI-F-D-B

Tgt Ion:172 Resp: 1438897

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.7	19.6	29.4

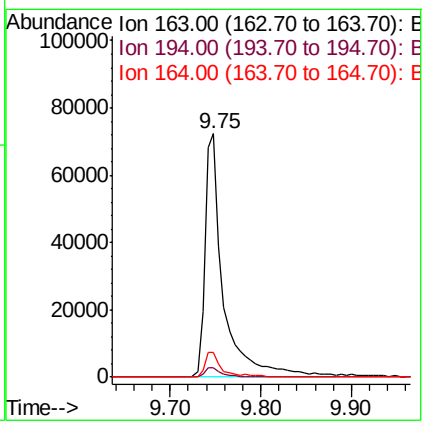


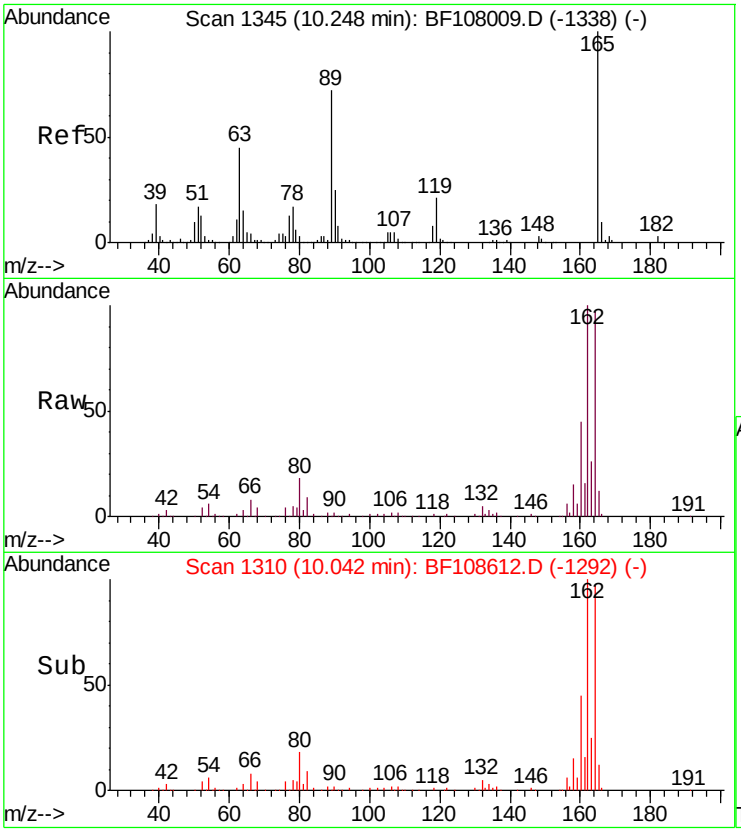


#49
Dimethylphthalate
Concen: 7.973 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108612.D
Acq: 29 Aug 2018 18:43

Tgt Ion:163 Resp: 103332

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.3	8.2	12.2



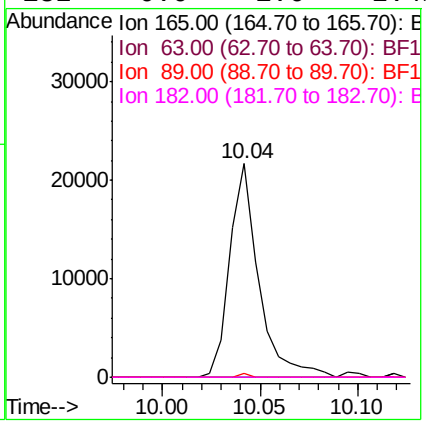


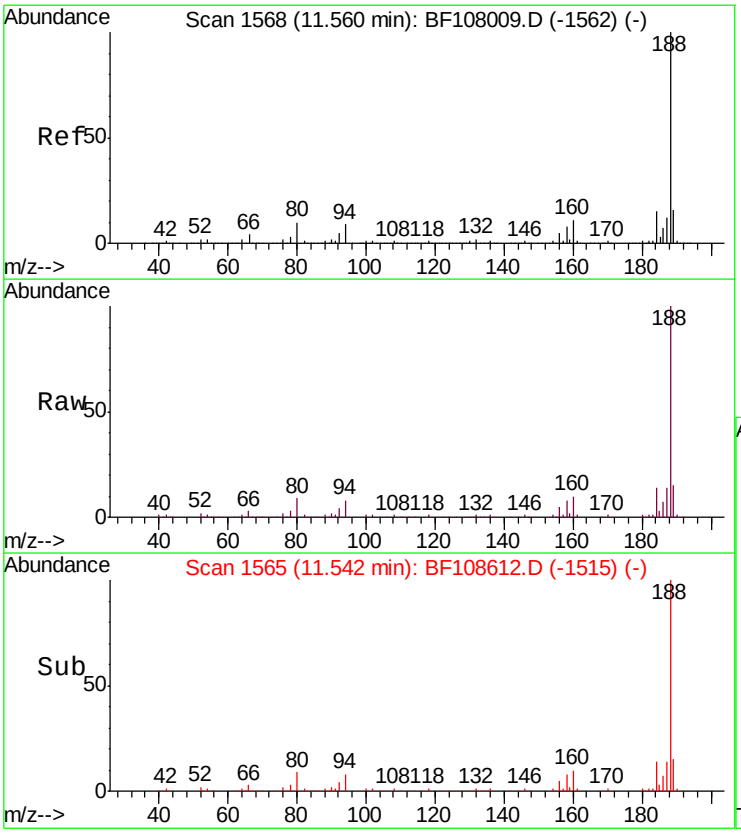
#56
2,4-Dinitrotoluene
Concen: 6.407 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108612.D
Acq: 29 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
082718-SIDI-F-D-B

Tgt Ion:165 Resp: 22360

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

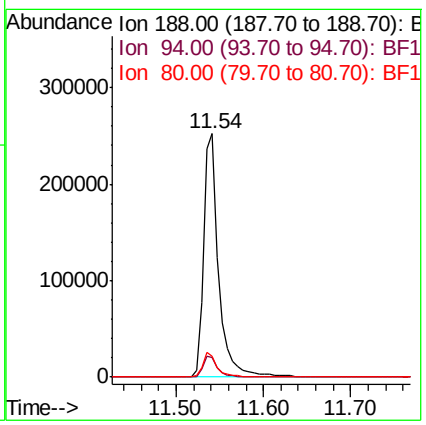


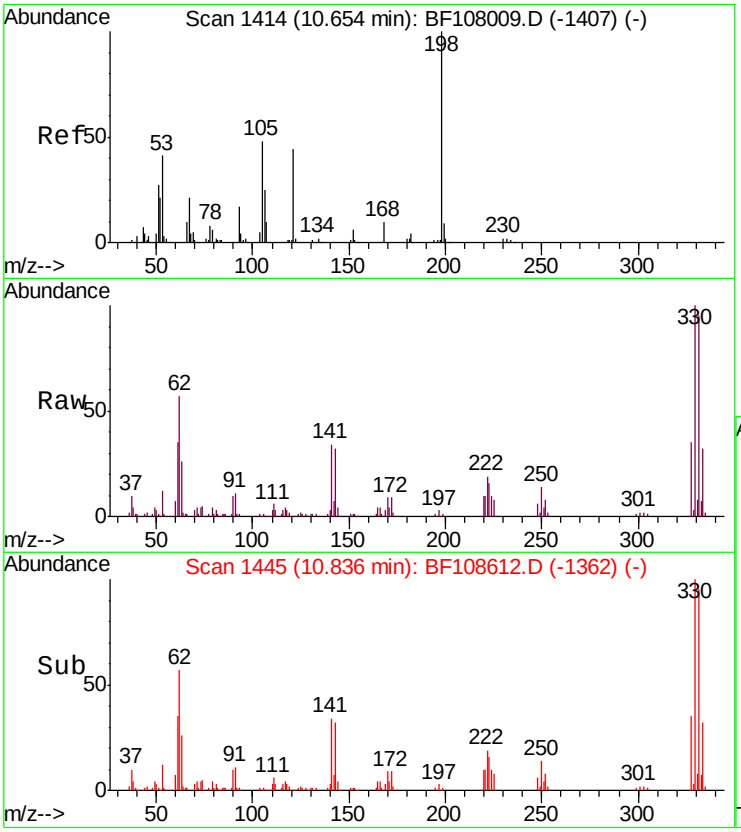


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108612.D
Acq: 29 Aug 2018 18:43

Tgt Ion:188 Resp: 300145

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	8.6	9.2	13.8#



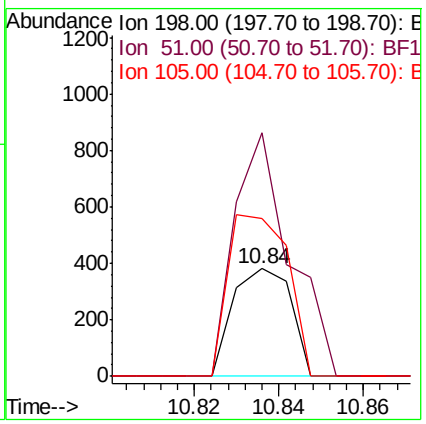


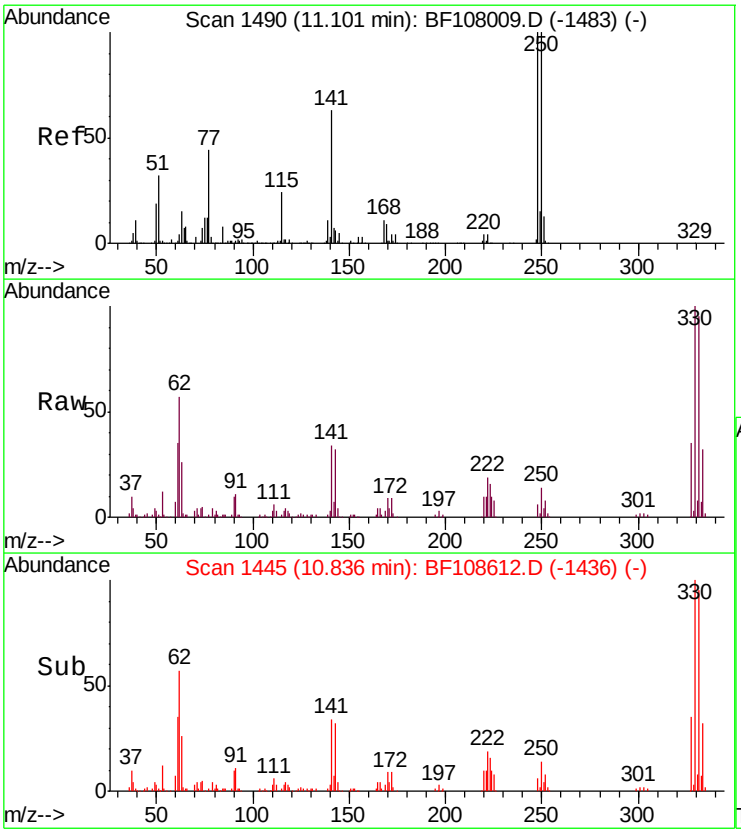
#64
4,6-Dinitro-2-methylphenol
Concen: 5.646 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108612.D
Acq: 29 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
082718-SIDI-F-D-B

Tgt Ion:198 Resp: 365

Ion	Ratio	Lower	Upper
198	100		
51	226.2	37.7	77.7#
105	146.7	36.3	76.3#

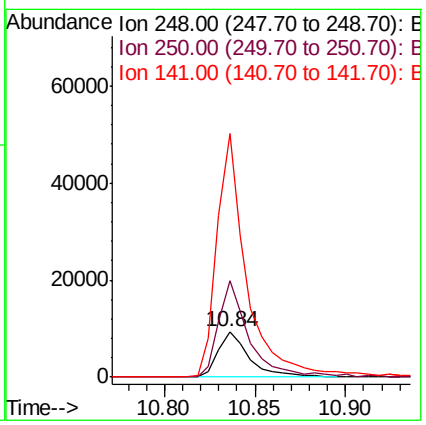


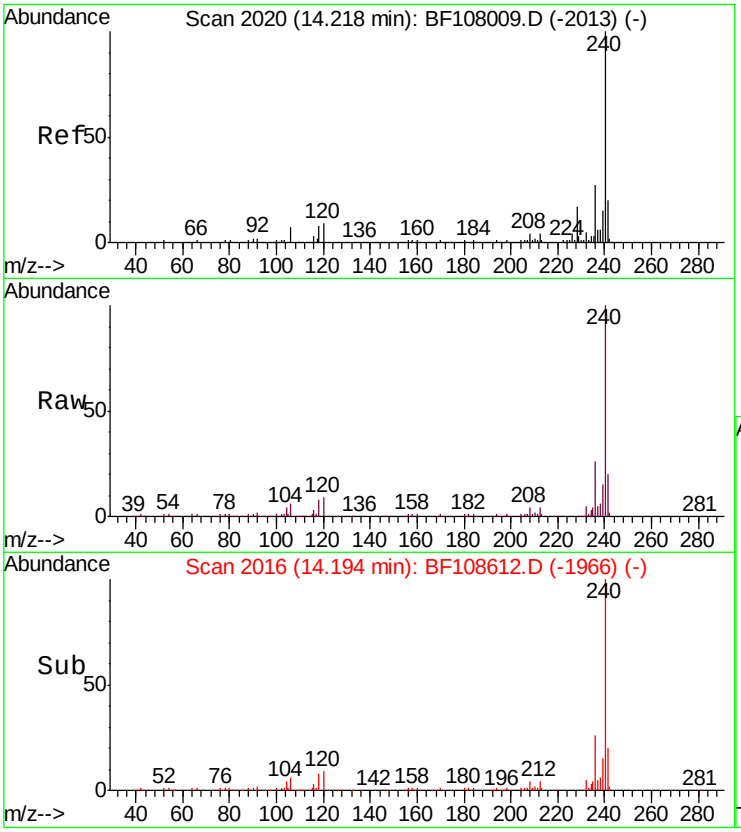


#66
4-Bromophenyl-phenylether
Concen: 3.390 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108612.D
Acq: 29 Aug 2018 18:43

Tgt Ion:248 Resp: 11057

Ion	Ratio	Lower	Upper
248	100		
250	210.7	76.9	115.3#
141	531.7	74.4	111.6#



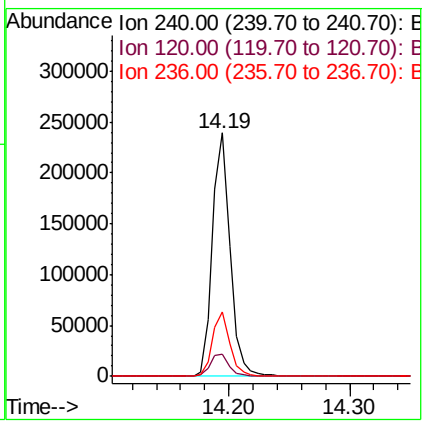


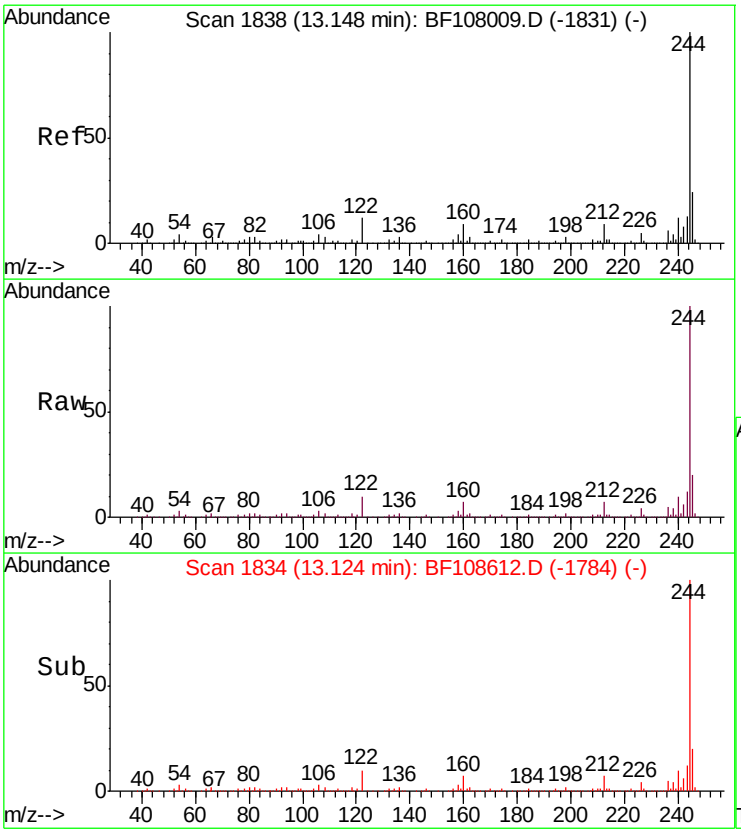
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108612.D
Acq: 29 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
082718-SIDI-F-D-B

Tgt Ion:240 Resp: 240006

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	26.4	20.7	31.1

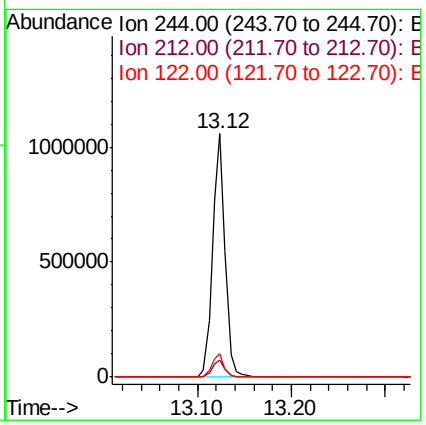


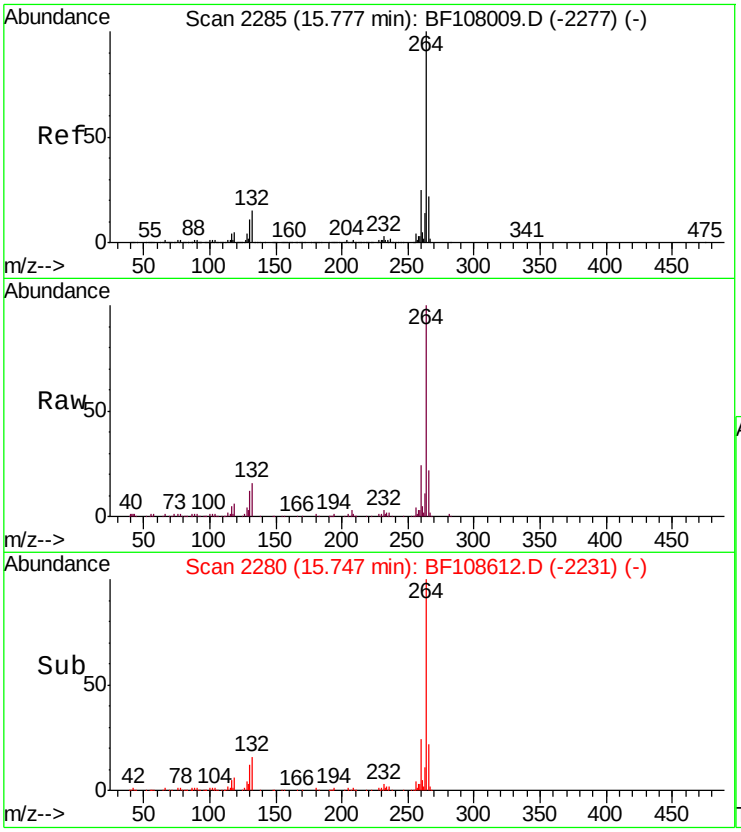


#78
Terphenyl-d14
Concen: 104.876 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108612.D
Acq: 29 Aug 2018 18:43

Tgt Ion:244 Resp: 989975

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	9.5	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108612.D
Acq: 29 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
082718-SIDI-F-D-B

Tgt Ion:264 Resp: 242710

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.6	17.5	26.3