Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
Data File : BF108338.D
Acq On : 21 Aug 2018 14:50
Operator : JU/SJ
Sample : J4521-24RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11979

Quant Time: Aug 21 15:20:22 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	168090	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	643379	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	329902	20.00	ng	-0.02
63) Phenanthrene-d10	11.55	188	690334	20.00	ng	-0.01
75) Chrysene-d12	14.20	240	535286	20.00	ng	-0.02
86) Perylene-d12	15.75	264	360856	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1193727	128.57	ng	0.02
7) Phenol-d6	6.63	99	1415134	114.70	ng	0.00
23) Nitrobenzene-d5	7.57	82	1212483	105.16	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	587849	178.64	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2080479	101.25	ng	-0.01
78) Terphenyl-d14	13.14	244	2646469	125.71	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.57	70	165416	19.826	ng	# 82
25) Isophorone	7.57	82	1207582	54.949	ng	# 64
31) Naphthalene	8.31	128	338593	11.572	ng	99
33) 4-Chloroaniline	8.31	127	43578	3.418	ng	# 32
50) 2,6-Dinitrotoluene	10.05	165	42116	8.760	ng	# 26
56) 2,4-Dinitrotoluene	10.05	165	42116	6.805	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	1282	5.798	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	38526	5.135	ng	# 1

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

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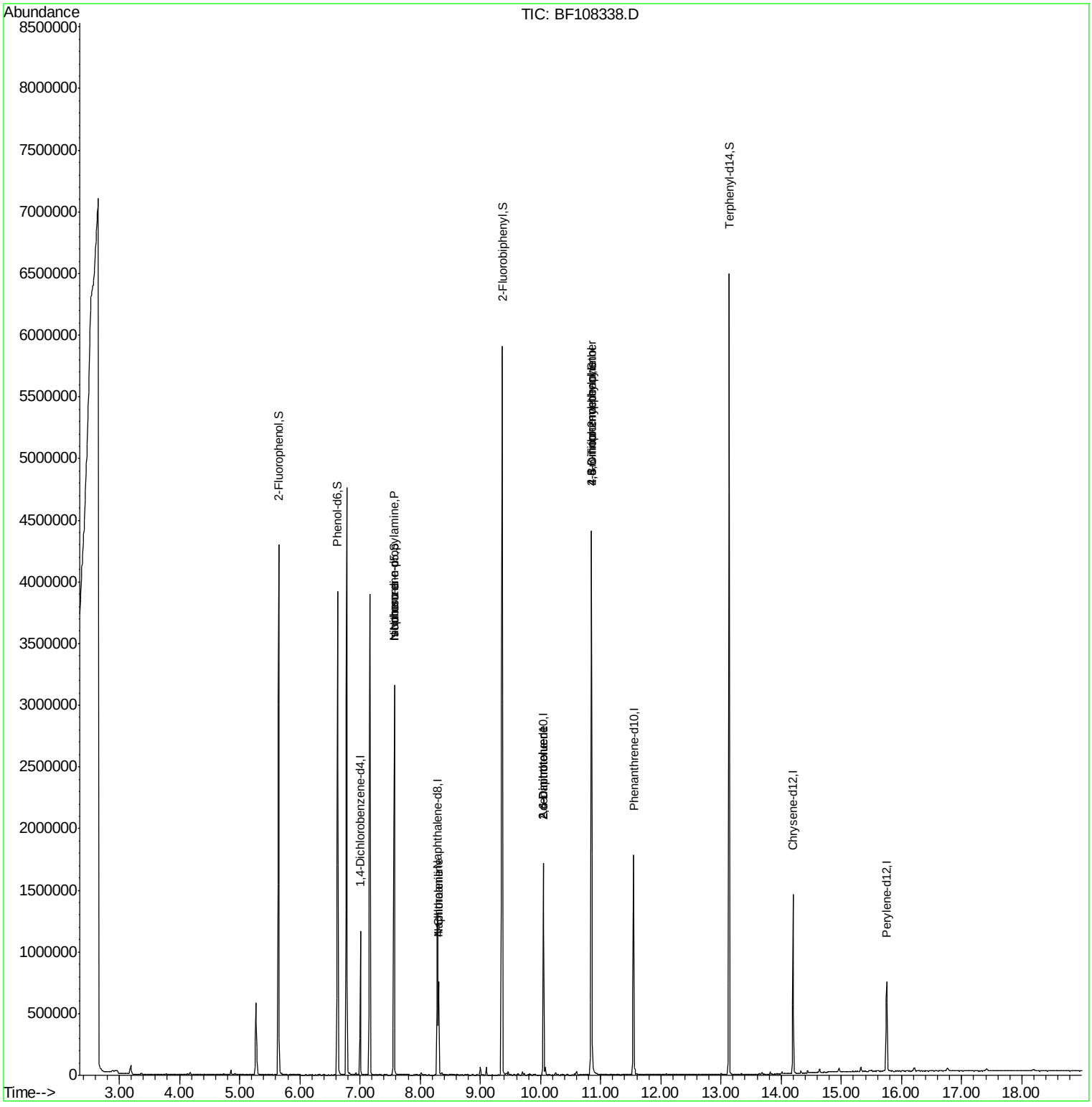
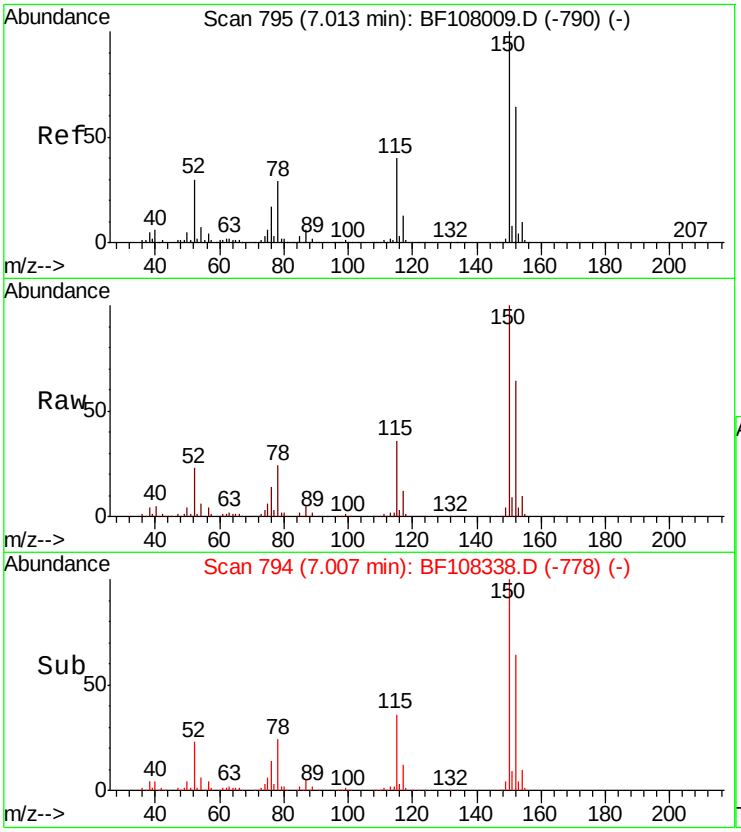


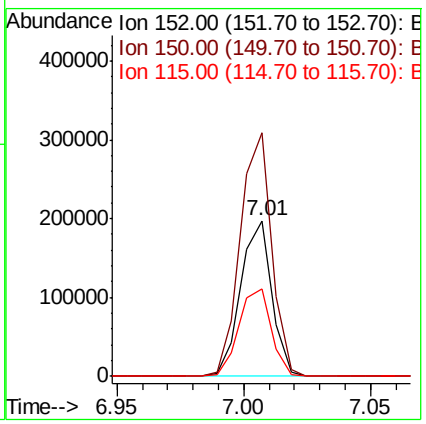


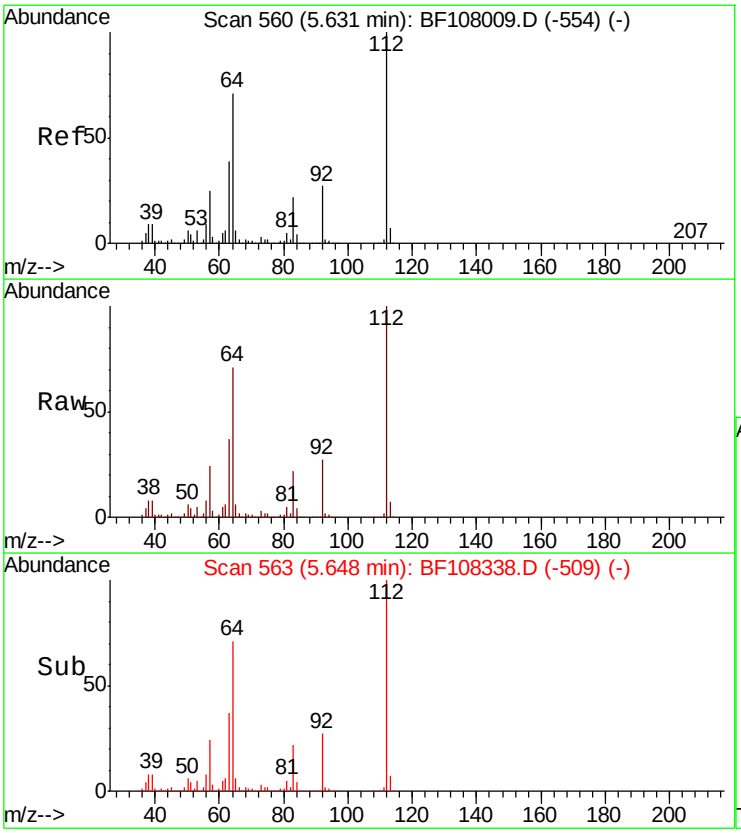
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF108338.D
Acq: 21 Aug 2018 14:50

Instrument :
BNA_F
ClientSampleId :
72-11979

Tgt Ion:152 Resp: 168090

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	56.4	50.1	75.1

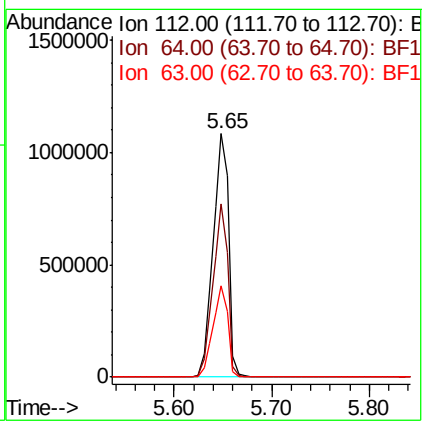


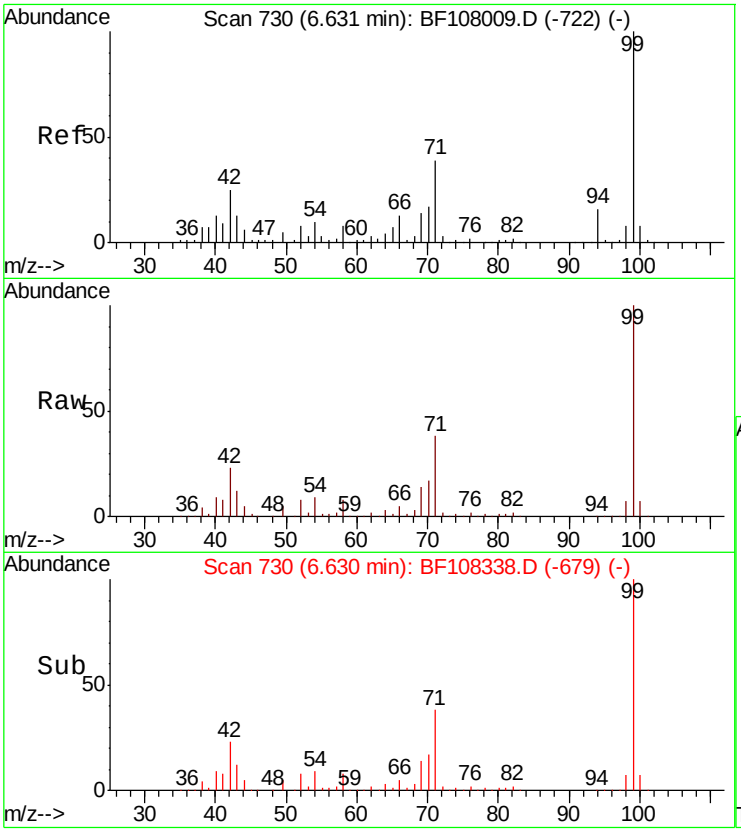


#5
2-Fluorophenol
Concen: 128.573 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108338.D
Acq: 21 Aug 2018 14:50

Tgt Ion:112 Resp: 1193727

Ion	Ratio	Lower	Upper
112	100		
64	71.0	47.9	71.9
63	37.5	23.7	35.5#



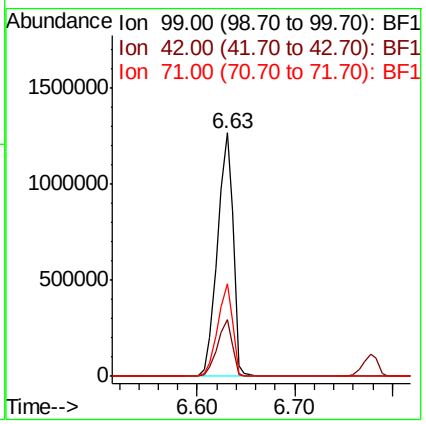


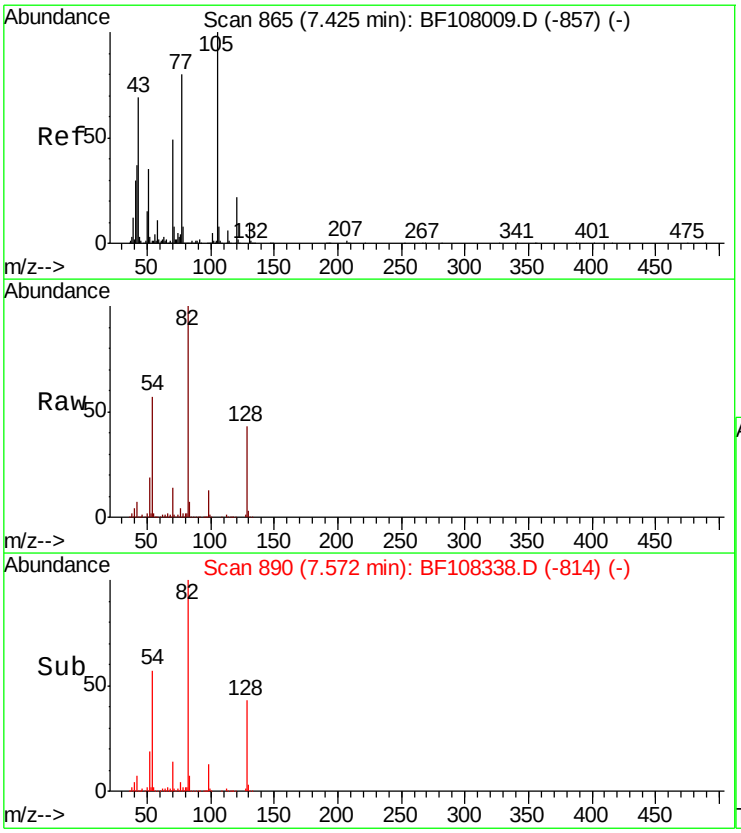
#7
Phenol-d6
Concen: 114.700 ng
RT: 6.63 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF108338.D
Acq: 21 Aug 2018 14:50

Instrument :
BNA_F
ClientSampleId :
72-11979

Tgt Ion: 99 Resp: 1415134

Ion	Ratio	Lower	Upper
99	100		
42	23.1	14.5	21.7#
71	38.1	25.4	38.0#

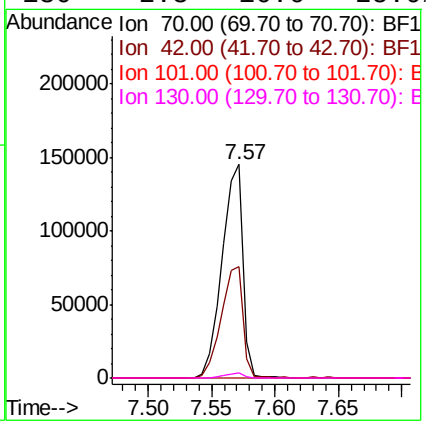


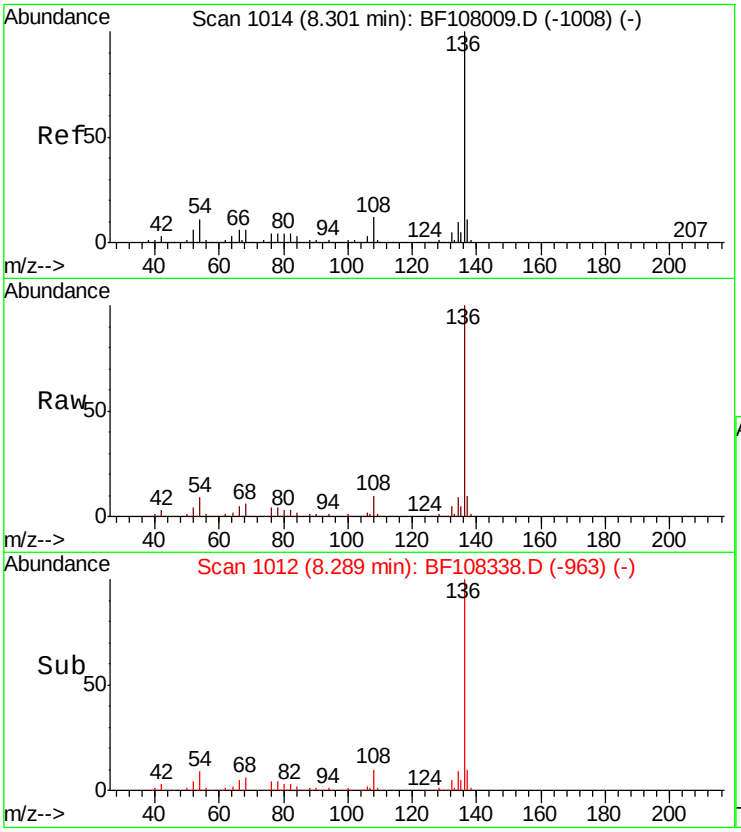


#19
n-Nitroso-di-n-propylamine
Concen: 19.826 ng
RT: 7.57 min Scan# 890
Delta R.T. 0.15 min
Lab File: BF108338.D
Acq: 21 Aug 2018 14:50

Tgt Ion: 70 Resp: 165416

Ion	Ratio	Lower	Upper
70	100		
42	52.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



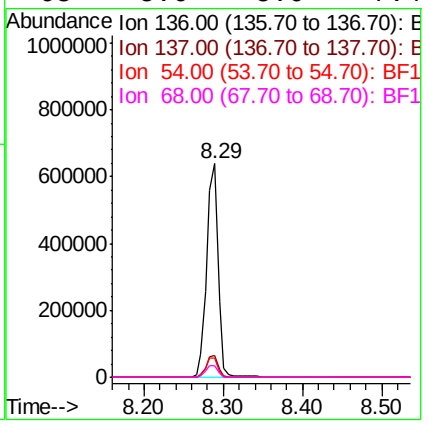


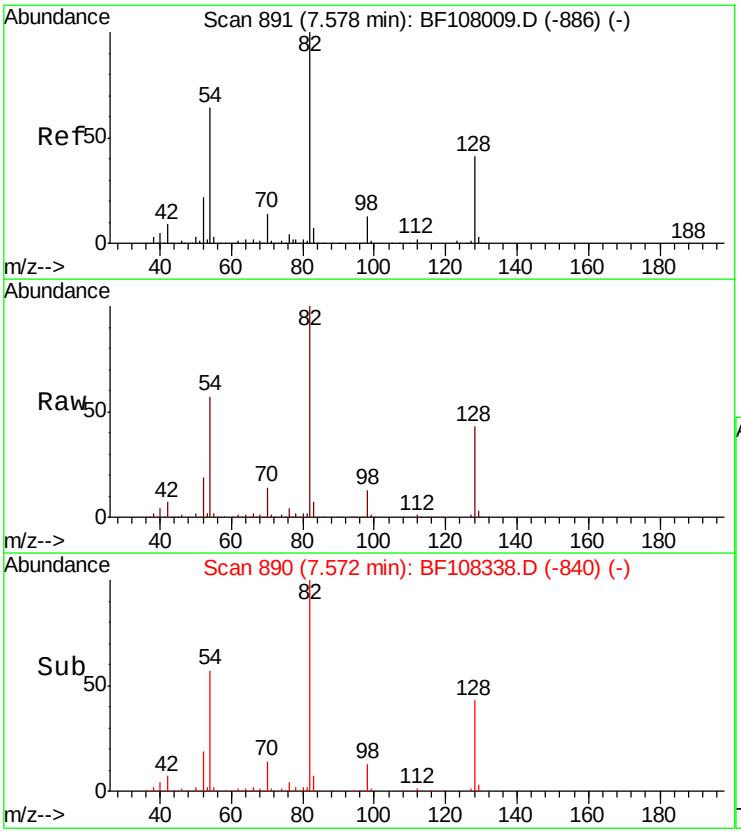
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF108338.D
Acq: 21 Aug 2018 14:50

Instrument :
BNA_F
ClientSampleId :
72-11979

Tgt Ion:136 Resp: 643379

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	9.1	6.6	9.8
68	5.6	5.0	7.4

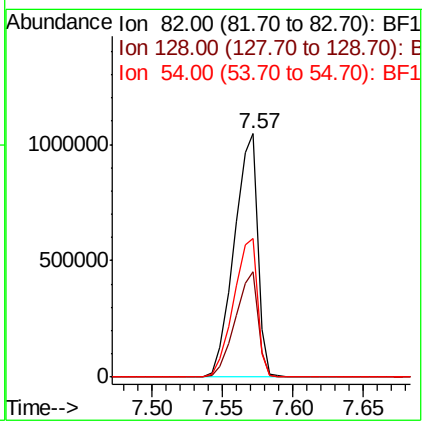


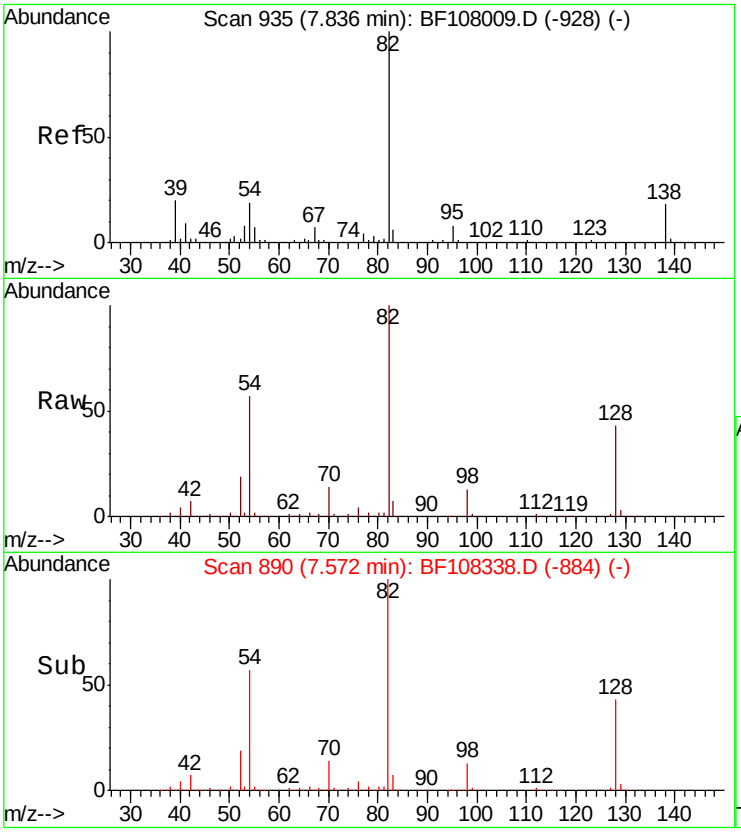


#23
Nitrobenzene-d5
Concen: 105.161 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF108338.D
Acq: 21 Aug 2018 14:50

Tgt Ion: 82 Resp: 1212483

Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	56.8	41.4	62.2



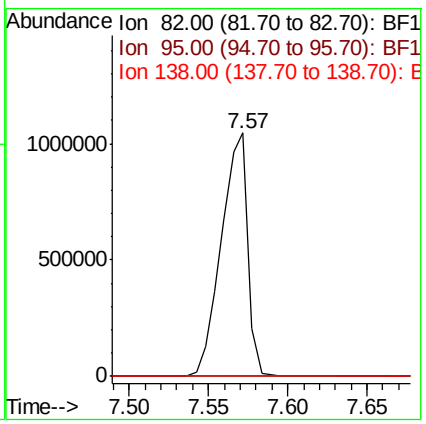


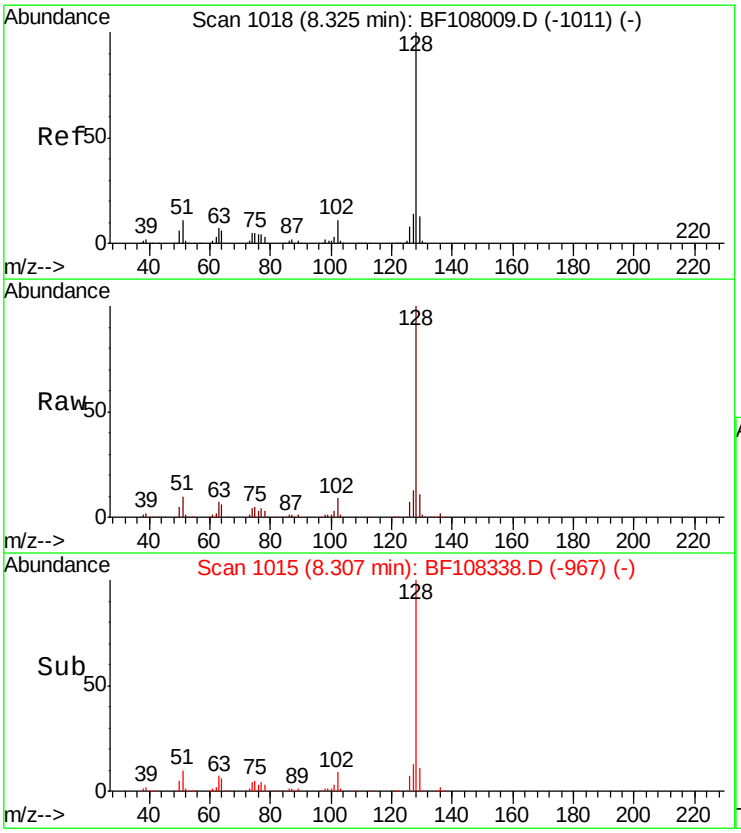
#25
Isophorone
Concen: 54.949 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.26 min
Lab File: BF108338.D
Acq: 21 Aug 2018 14:50

Instrument :
BNA_F
ClientSampleId :
72-11979

Tgt Ion: 82 Resp: 1207582

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

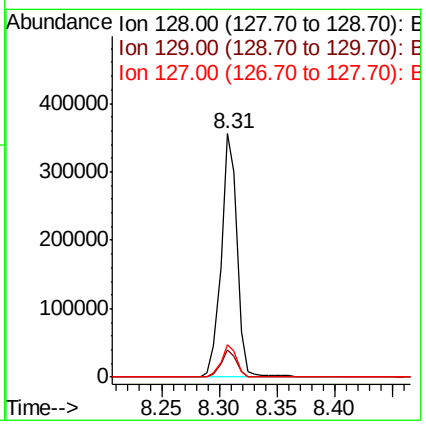


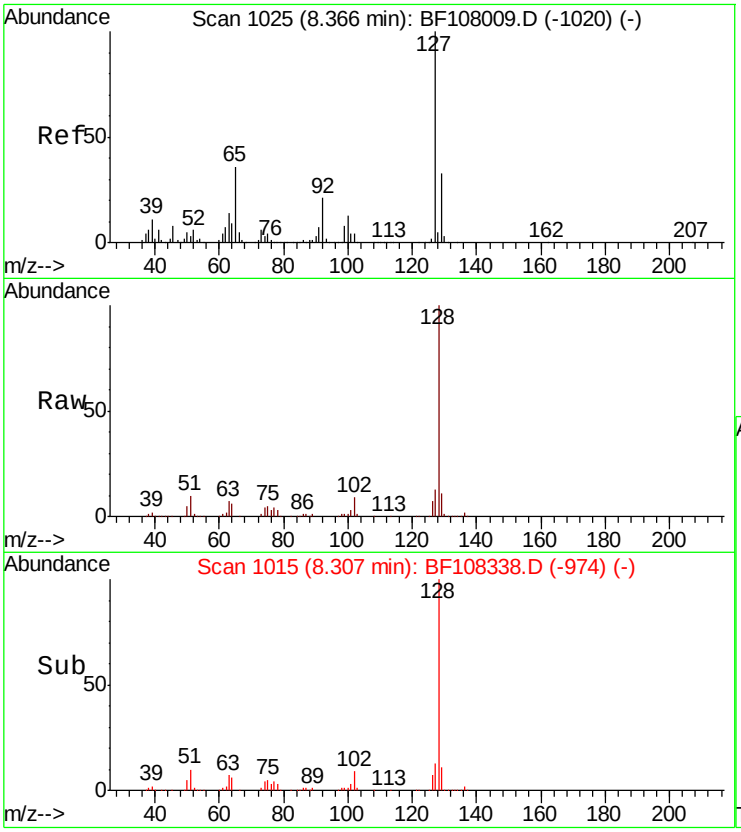


#31
Naphthalene
Concen: 11.572 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF108338.D
Acq: 21 Aug 2018 14:50

Tgt Ion:128 Resp: 338593

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.3	10.9	16.3



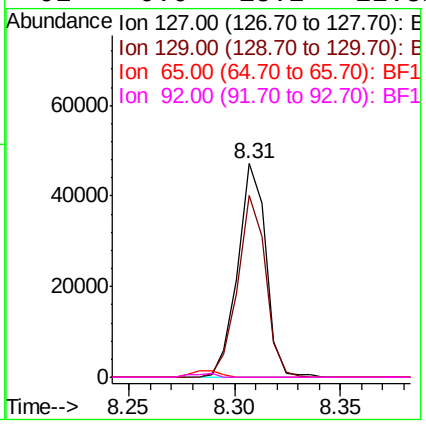


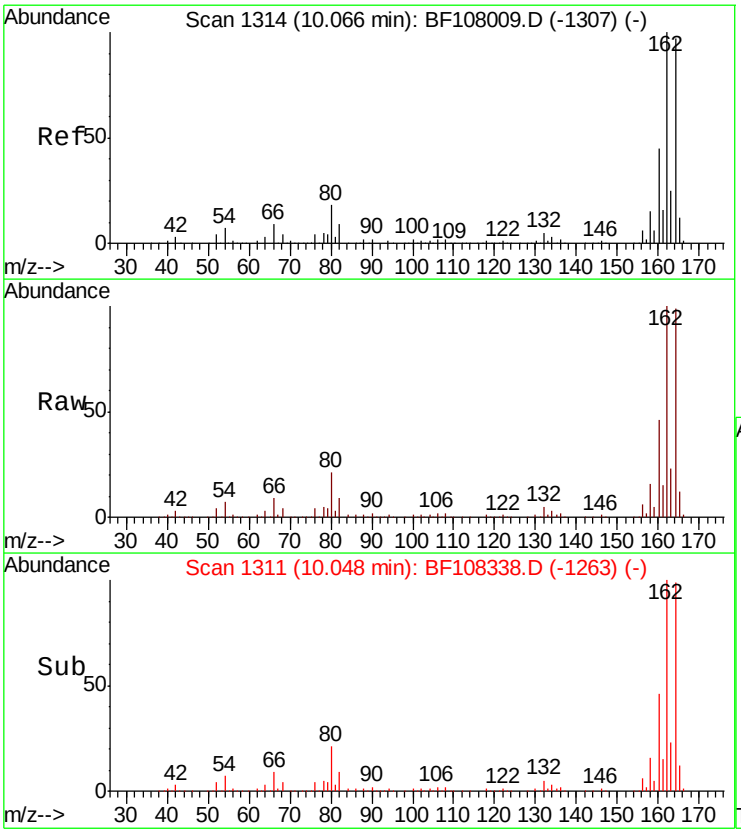
#33
4-Chloroaniline
Concen: 3.418 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.06 min
Lab File: BF108338.D
Acq: 21 Aug 2018 14:50

Instrument :
BNA_F
ClientSampleId :
72-11979

Tgt Ion:127 Resp: 43578

Ion	Ratio	Lower	Upper
127	100		
129	85.1	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

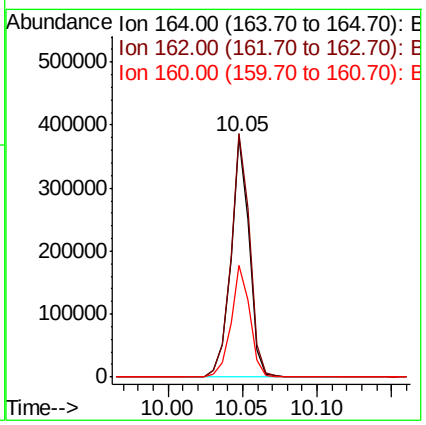


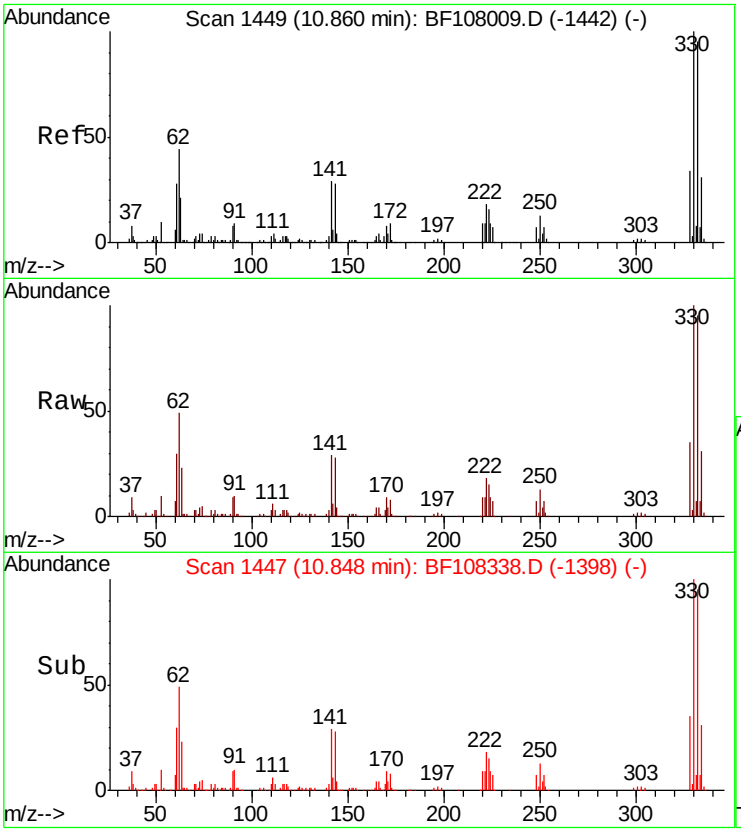


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF108338.D
Acq: 21 Aug 2018 14:50

Tgt Ion:164 Resp: 329902

Ion	Ratio	Lower	Upper
164	100		
162	101.3	86.1	129.1
160	46.3	38.3	57.5



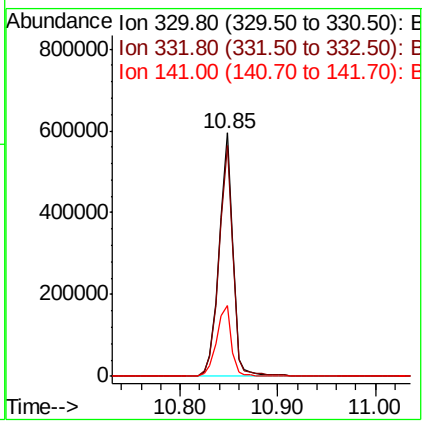


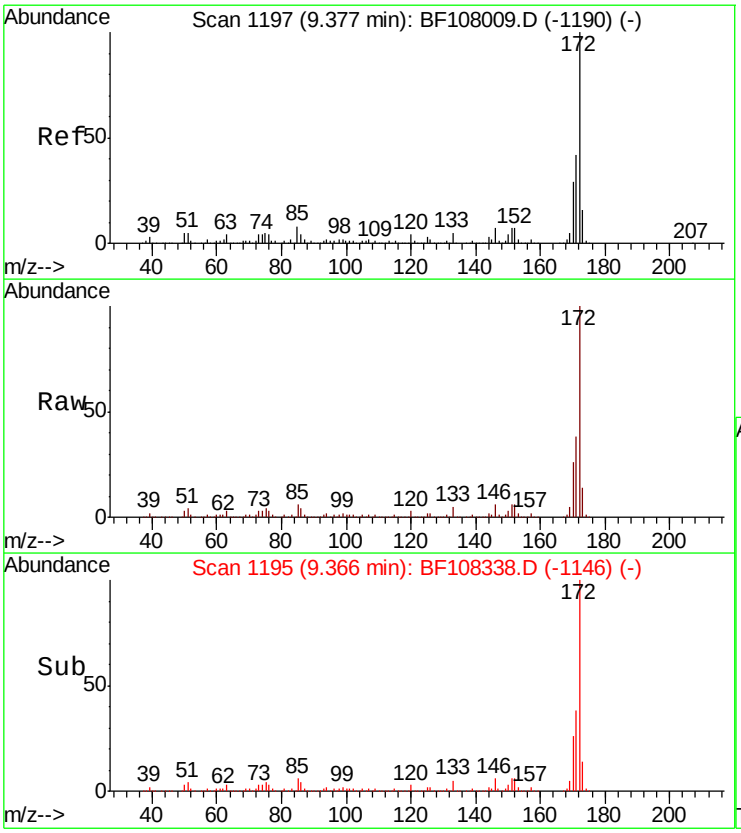
#41
2,4,6-Tribromophenol
Concen: 178.640 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF108338.D
Acq: 21 Aug 2018 14:50

Instrument :
BNA_F
ClientSampleId :
72-11979

Tgt Ion:330 Resp: 587849

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	31.4	29.9	44.9

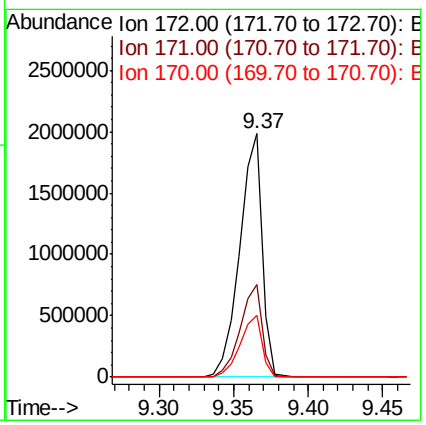


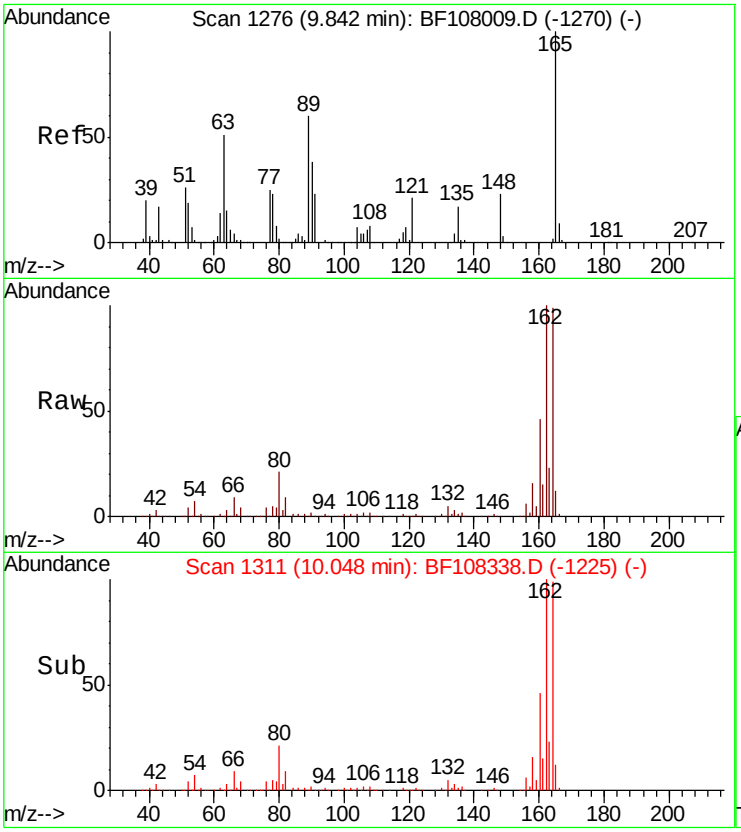


#44
2-Fluorobiphenyl
Concen: 101.247 ng
RT: 9.37 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF108338.D
Acq: 21 Aug 2018 14:50

Tgt Ion:172 Resp: 2080479

Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.7	44.5
170	25.6	19.6	29.4



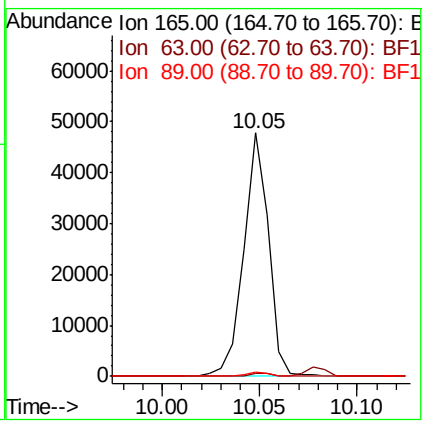


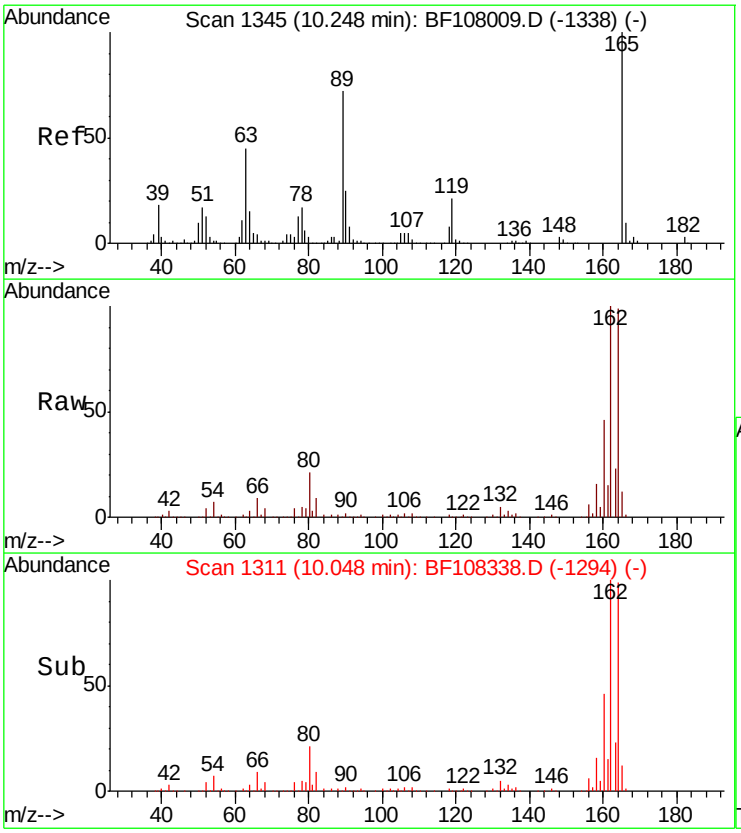
#50
2,6-Dinitrotoluene
Concen: 8.760 ng
RT: 10.05 min Scan# 1311
Delta R.T. 0.21 min
Lab File: BF108338.D
Acq: 21 Aug 2018 14:50

Instrument :
BNA_F
ClientSampleId :
72-11979

Tgt Ion:165 Resp: 42116

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.6	44.0	66.0#

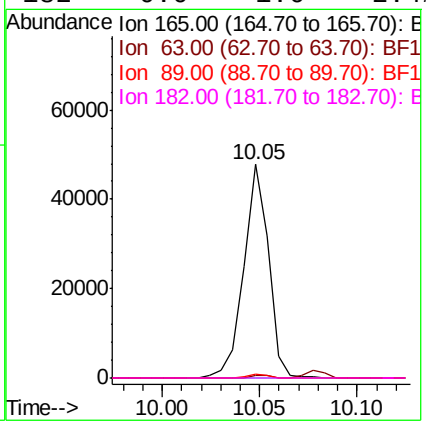


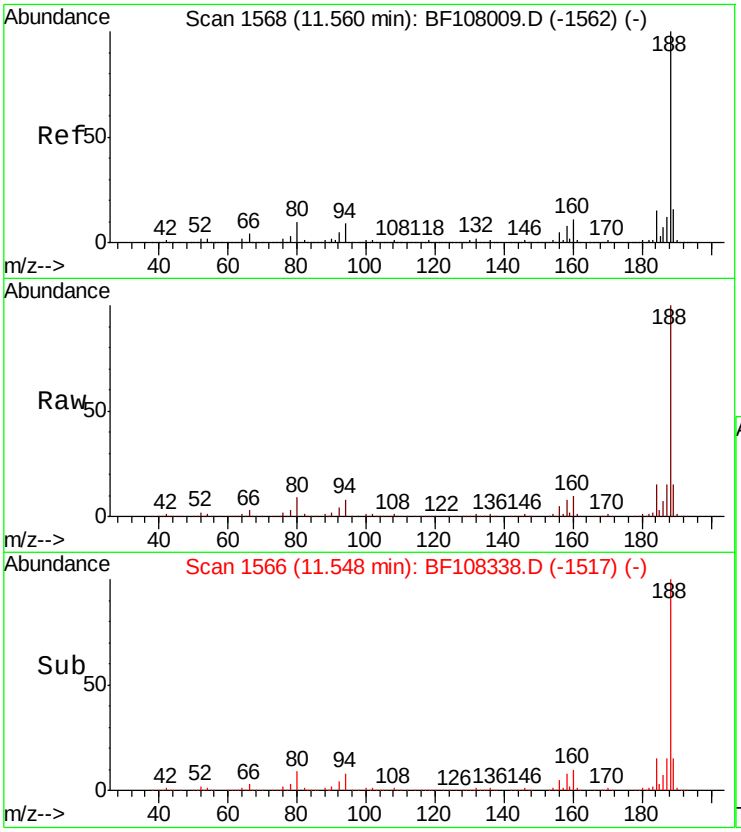


#56
2,4-Dinitrotoluene
Concen: 6.805 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.20 min
Lab File: BF108338.D
Acq: 21 Aug 2018 14:50

Tgt Ion:165 Resp: 42116

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



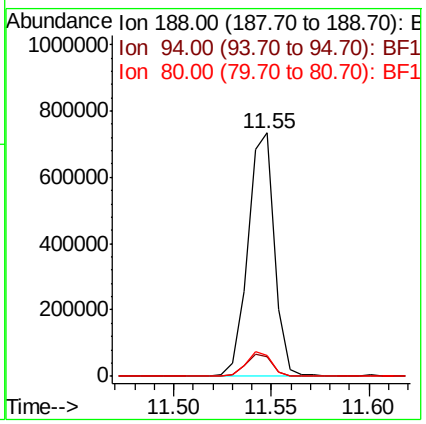


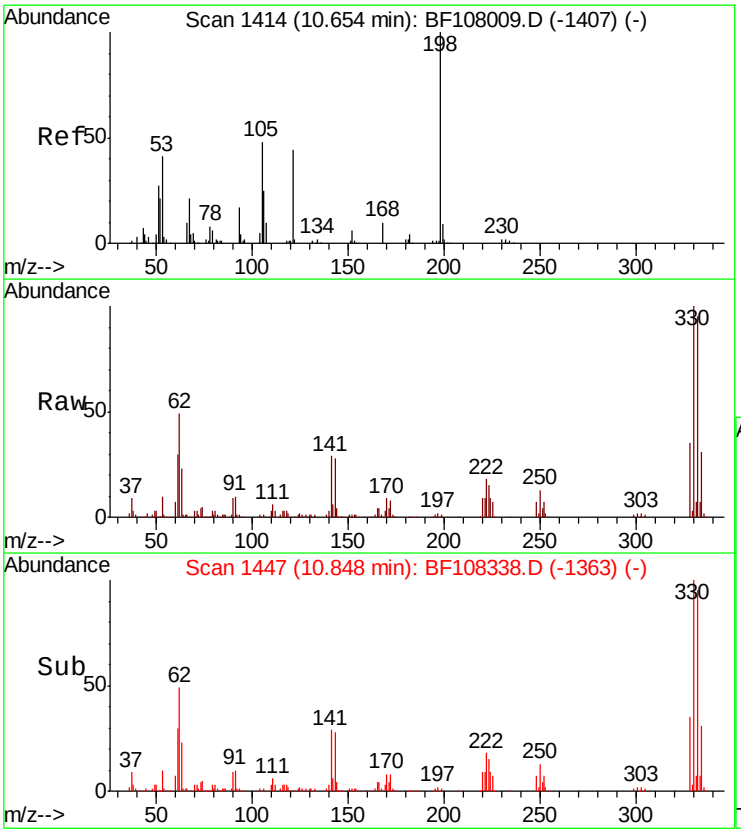
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF108338.D
Acq: 21 Aug 2018 14:50

Instrument :
BNA_F
ClientSampleId :
72-11979

Tgt Ion:188 Resp: 690334

Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	8.8	9.2	13.8#

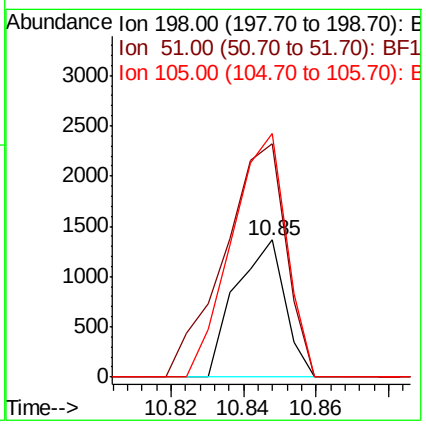


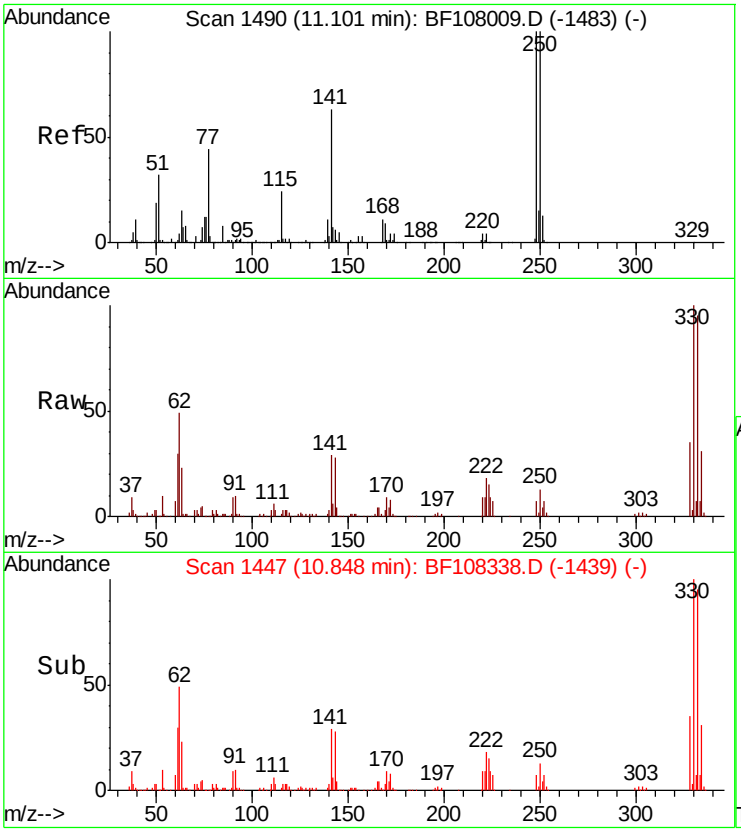


#64
4,6-Dinitro-2-methylphenol
Concen: 5.798 ng
RT: 10.85 min Scan# 1447
Delta R.T. 0.19 min
Lab File: BF108338.D
Acq: 21 Aug 2018 14:50

Tgt Ion:198 Resp: 1282

Ion	Ratio	Lower	Upper
198	100		
51	169.8	37.7	77.7#
105	177.4	36.3	76.3#



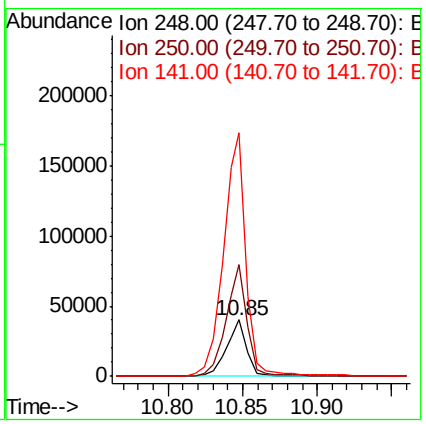


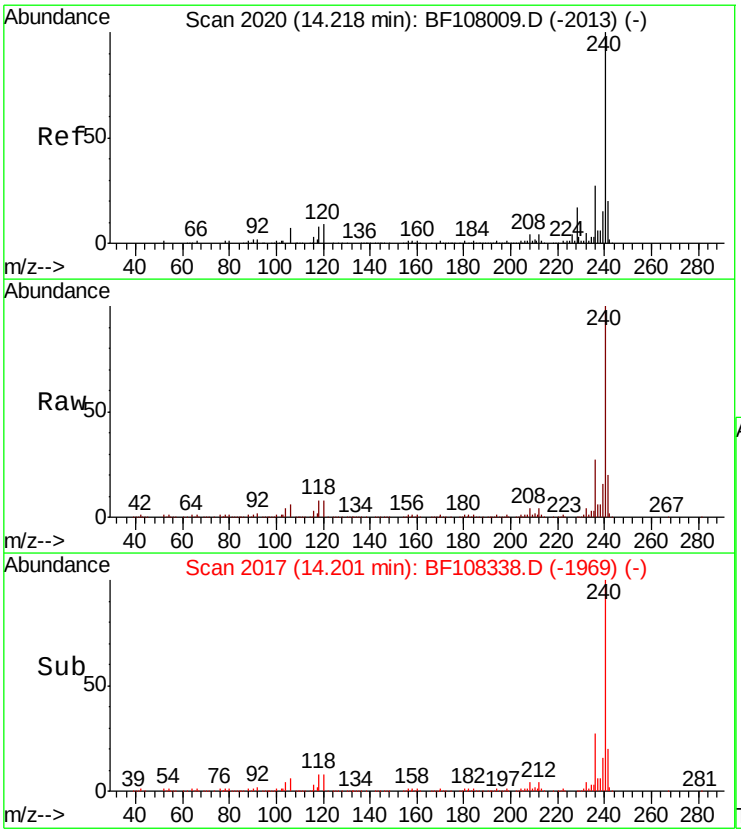
#66
4-Bromophenyl-phenylether
Concen: 5.135 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.25 min
Lab File: BF108338.D
Acq: 21 Aug 2018 14:50

Instrument :
BNA_F
ClientSampleId :
72-11979

Tgt Ion:248 Resp: 38526

Ion	Ratio	Lower	Upper
248	100		
250	197.9	76.9	115.3#
141	433.3	74.4	111.6#

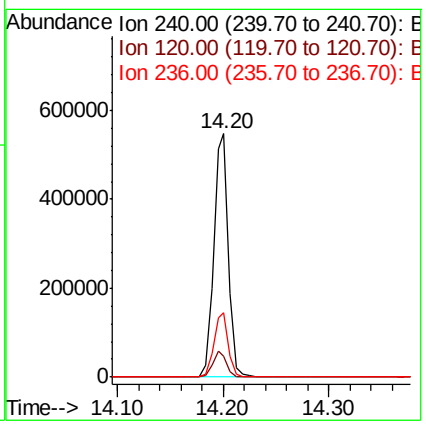


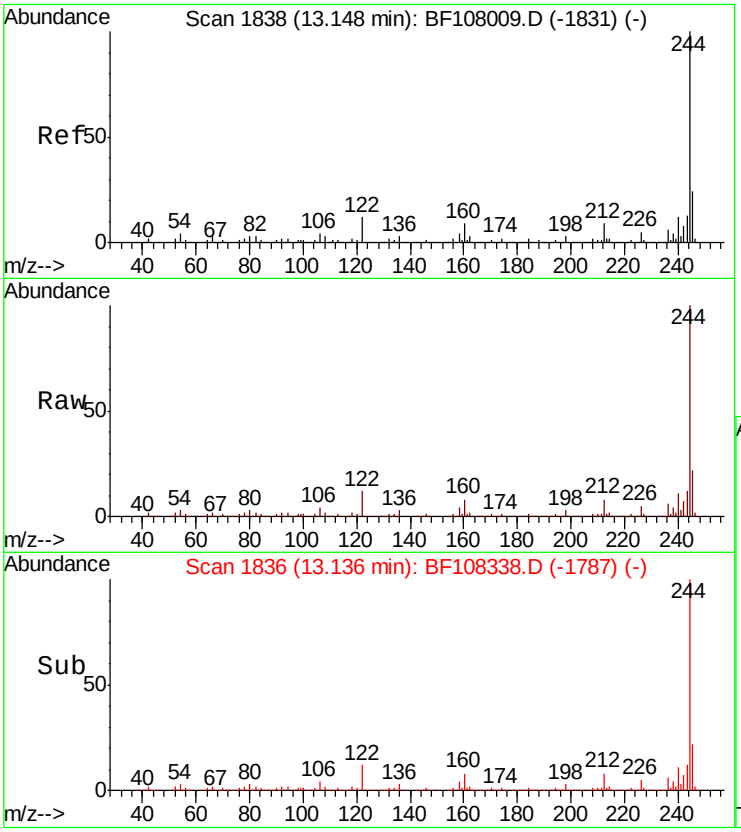


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF108338.D
Acq: 21 Aug 2018 14:50

Tgt Ion:240 Resp: 535286

Ion	Ratio	Lower	Upper
240	100		
120	8.5	9.5	14.3#
236	26.6	20.7	31.1



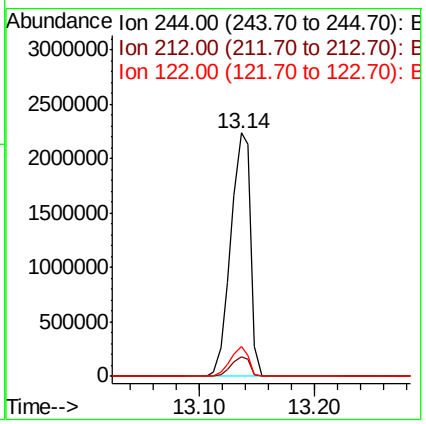


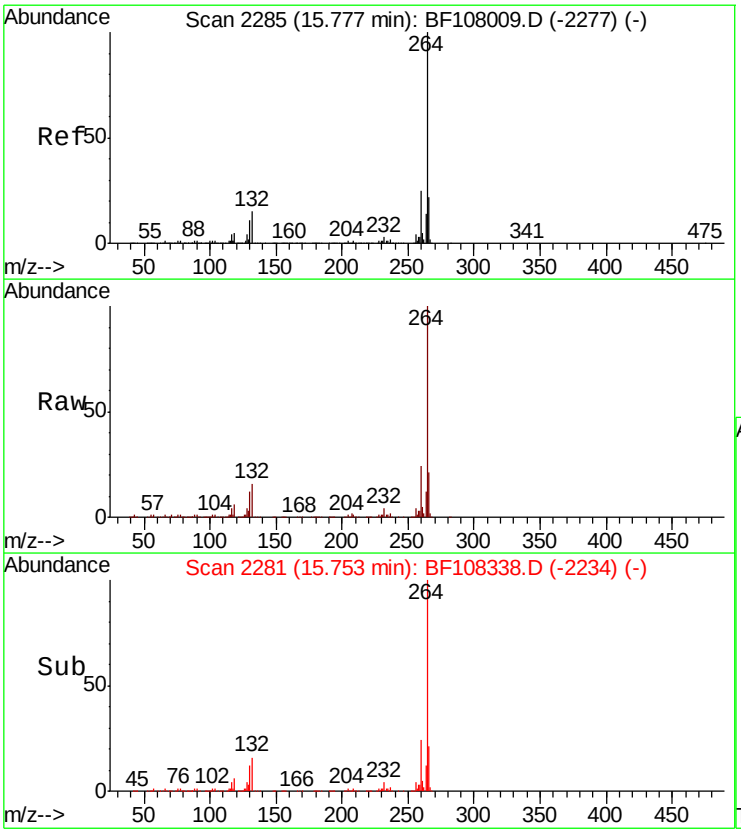
#78
Terphenyl-d14
Concen: 125.705 ng
RT: 13.14 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF108338.D
Acq: 21 Aug 2018 14:50

Instrument :
BNA_F
ClientSampleId :
72-11979

Tgt Ion:244 Resp: 2646469

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.4	8.0
122	12.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF108338.D
Acq: 21 Aug 2018 14:50

Tgt Ion:264 Resp: 360856

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.4	17.5	26.3