Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
Data File : BF108556.D
Acq On : 28 Aug 2018 15:38
Operator : JU/SJ
Sample : J4538-04RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 28 16:30:14 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	114624	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	437525	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	220220	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	405850	20.00	ng	0.00
75) Chrysene-d12	14.19	240	268297	20.00	ng	0.00
86) Perylene-d12	15.75	264	287920	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	541946	85.60	ng	0.01
7) Phenol-d6	6.64	99	723522	86.00	ng	0.00
23) Nitrobenzene-d5	7.56	82	465867	59.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	200698	91.37	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	888180	64.75	ng	-0.01
78) Terphenyl-d14	13.12	244	740916	70.21	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.56	70	62473	10.981	ng	# 84
25) Isophorone	7.56	82	465860	31.172	ng	# 64
49) Dimethylphthalate	9.75	163	63876	4.164	ng	100
50) 2,6-Dinitrotoluene	10.04	165	28276	8.810	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	28276	6.845	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	334	5.553	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	13621	3.088	ng	# 1

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

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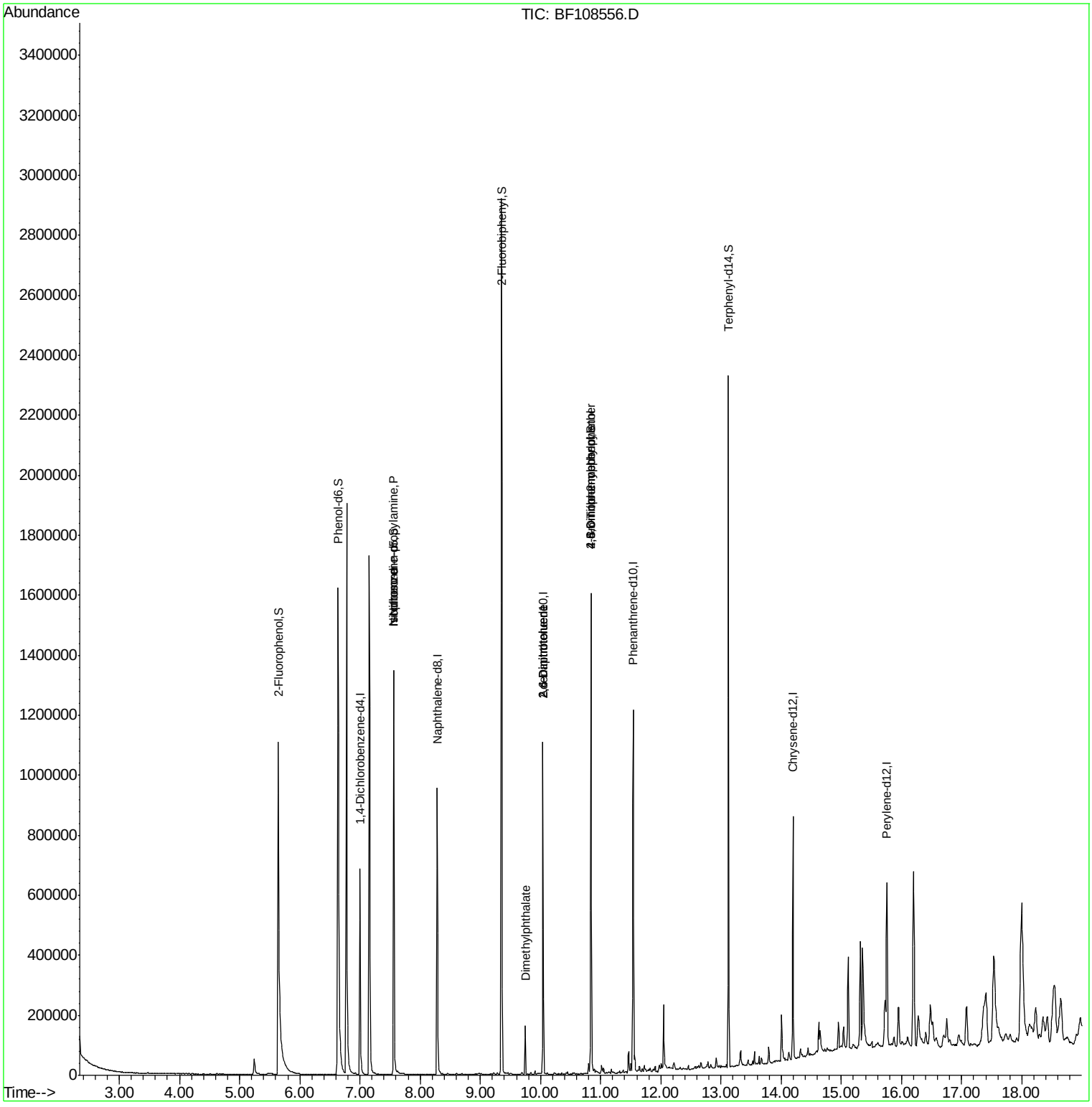
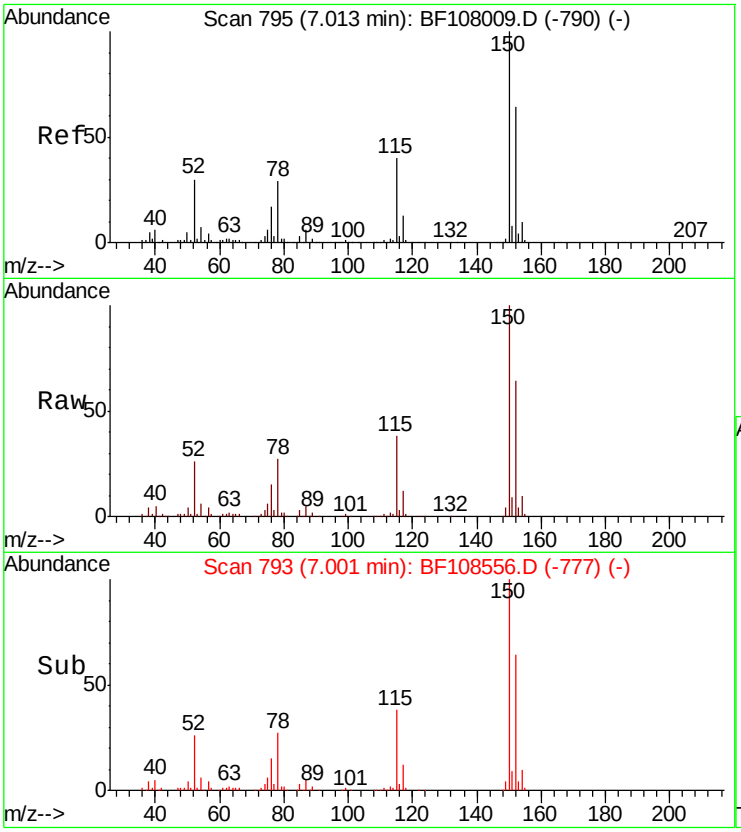


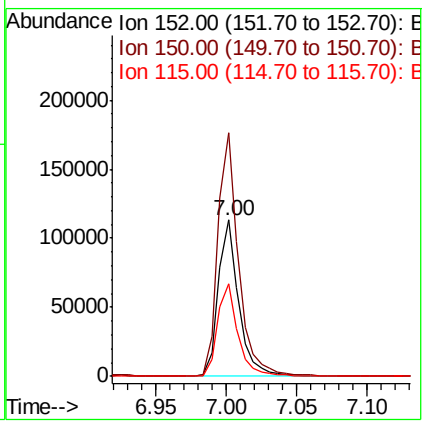


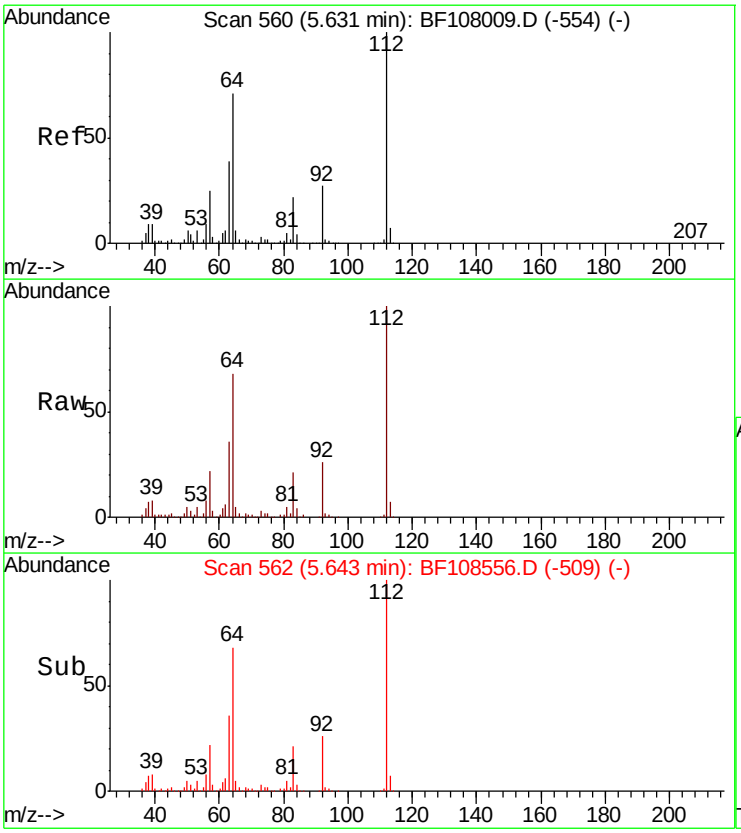
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108556.D
Acq: 28 Aug 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 114624

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	59.5	50.1	75.1

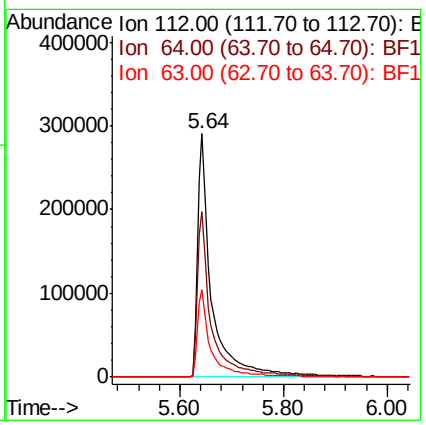


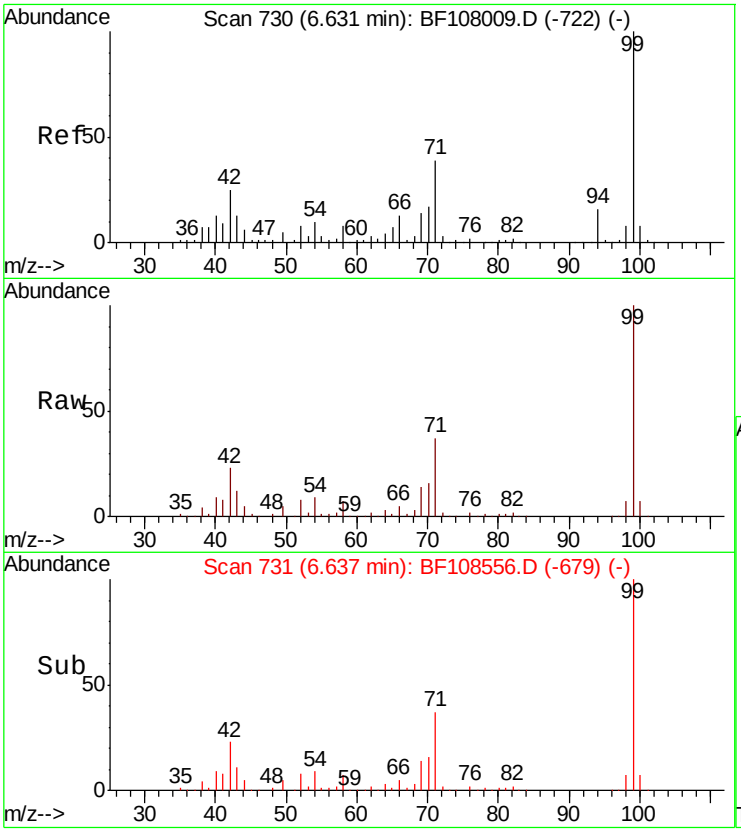


#5
2-Fluorophenol
Concen: 85.599 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108556.D
Acq: 28 Aug 2018 15:38

Tgt Ion:112 Resp: 541946

Ion	Ratio	Lower	Upper
112	100		
64	68.0	47.9	71.9
63	35.8	23.7	35.5#



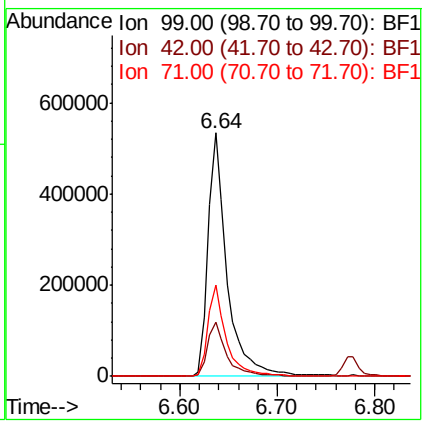


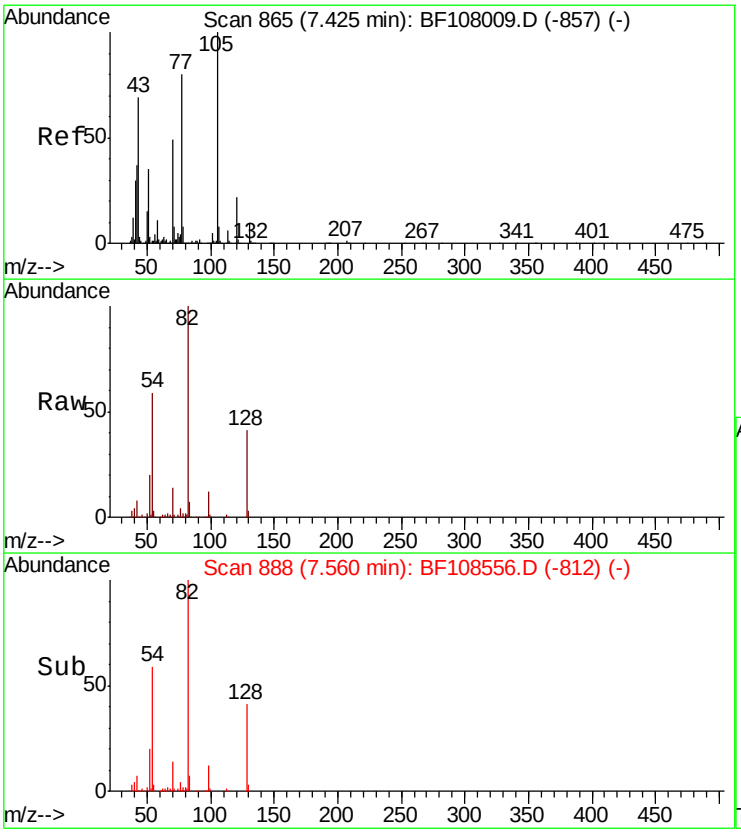
#7
Phenol-d6
Concen: 85.997 ng
RT: 6.64 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF108556.D
Acq: 28 Aug 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 723522

Ion	Ratio	Lower	Upper
99	100		
42	22.5	14.5	21.7#
71	37.4	25.4	38.0

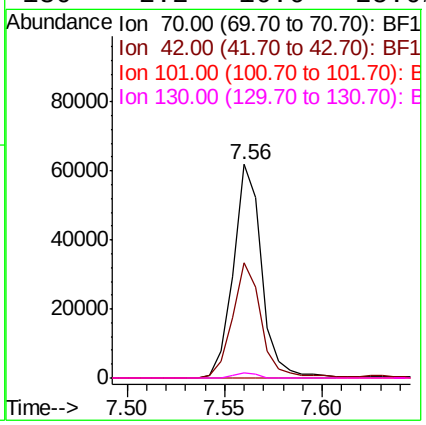


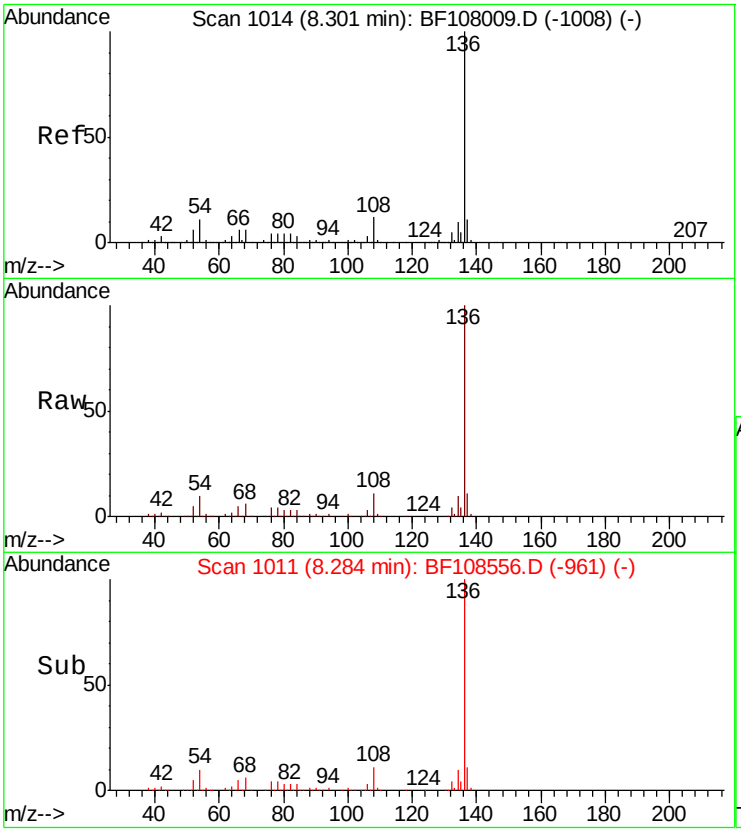


#19
n-Nitroso-di-n-propylamine
Concen: 10.981 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.15 min
Lab File: BF108556.D
Acq: 28 Aug 2018 15:38

Tgt Ion: 70 Resp: 62473

Ion	Ratio	Lower	Upper
70	100		
42	54.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



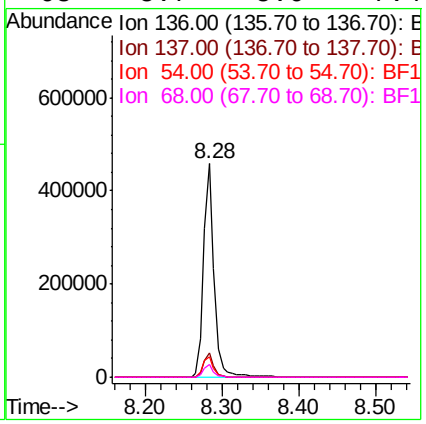


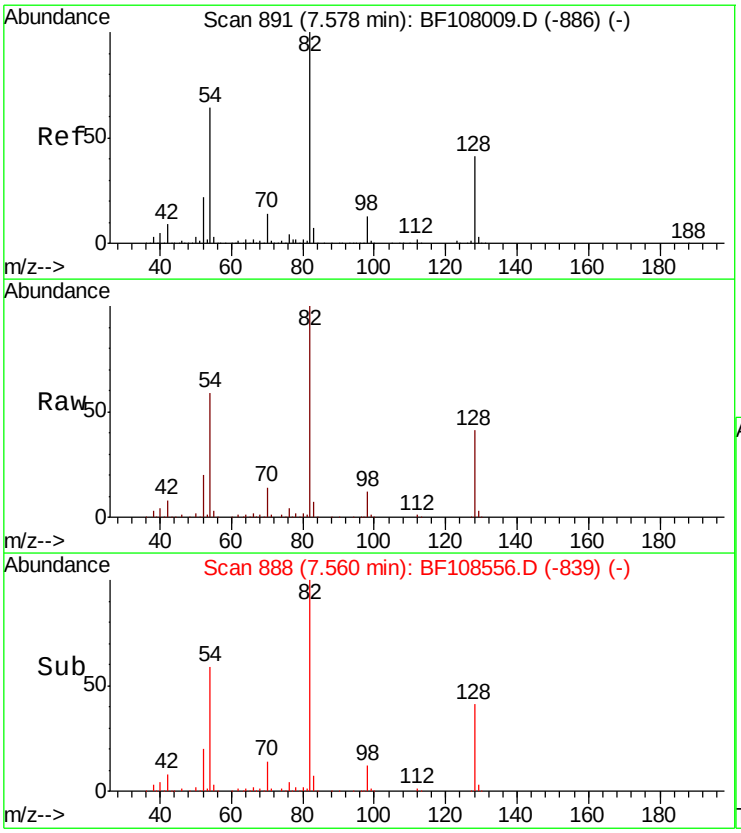
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108556.D
Acq: 28 Aug 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 437525

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.8	6.6	9.8
68	5.7	5.0	7.4

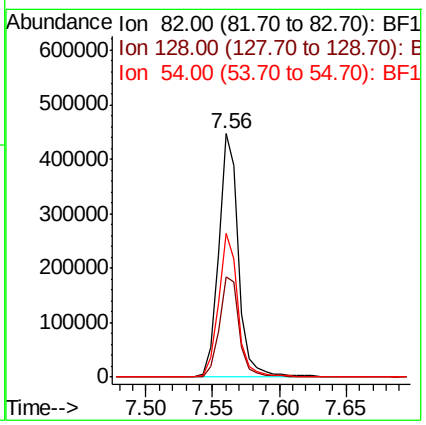


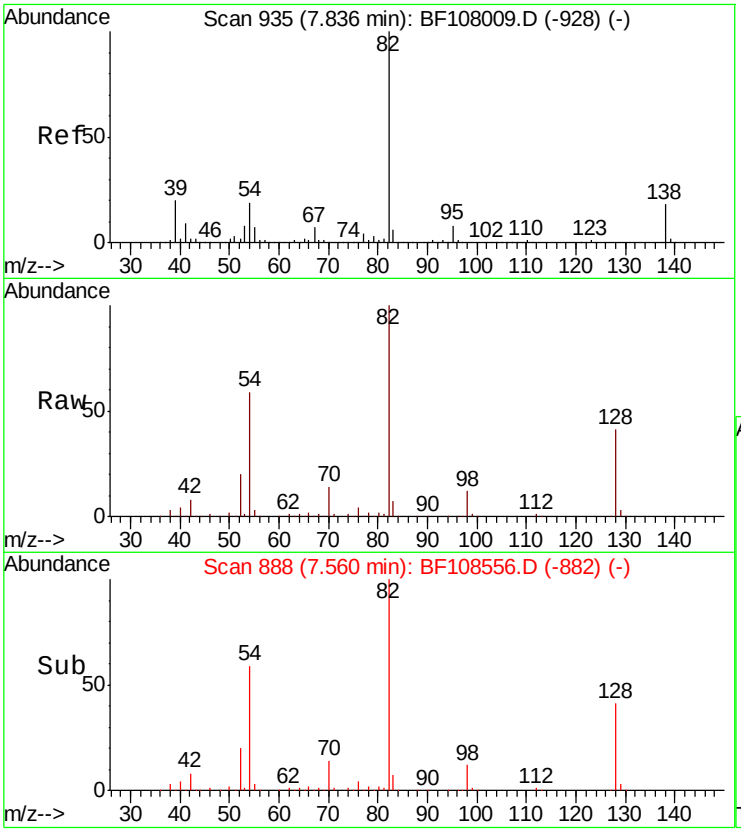


#23
Nitrobenzene-d5
Concen: 59.416 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108556.D
Acq: 28 Aug 2018 15:38

Tgt Ion: 82 Resp: 465867

Ion	Ratio	Lower	Upper
82	100		
128	41.0	36.1	54.1
54	59.3	41.4	62.2



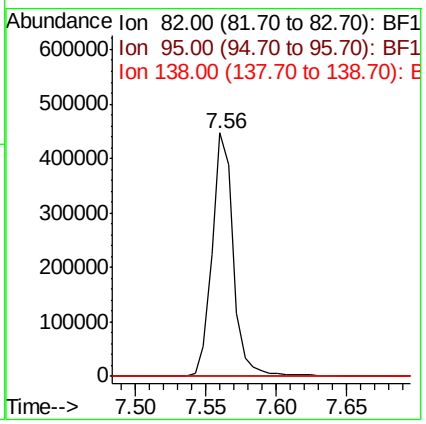


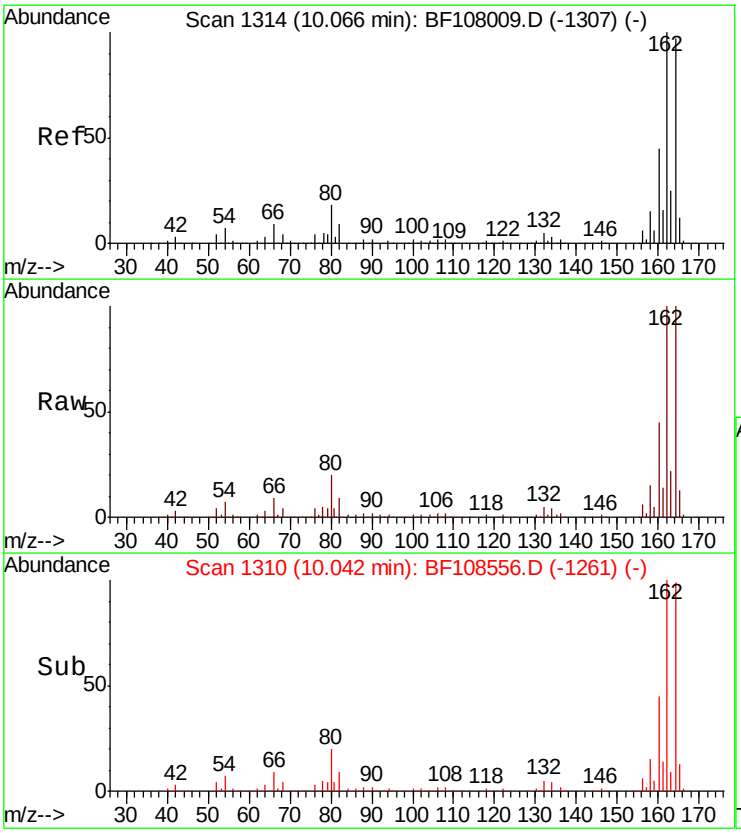
#25
Isophorone
Concen: 31.172 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108556.D
Acq: 28 Aug 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 465860

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

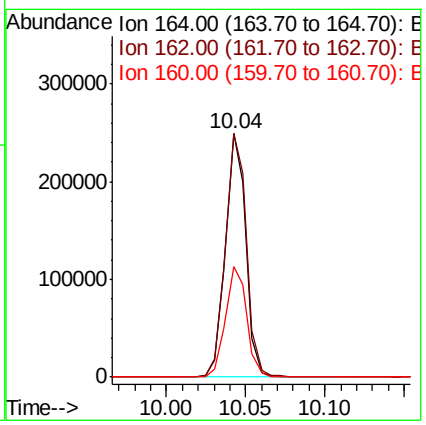


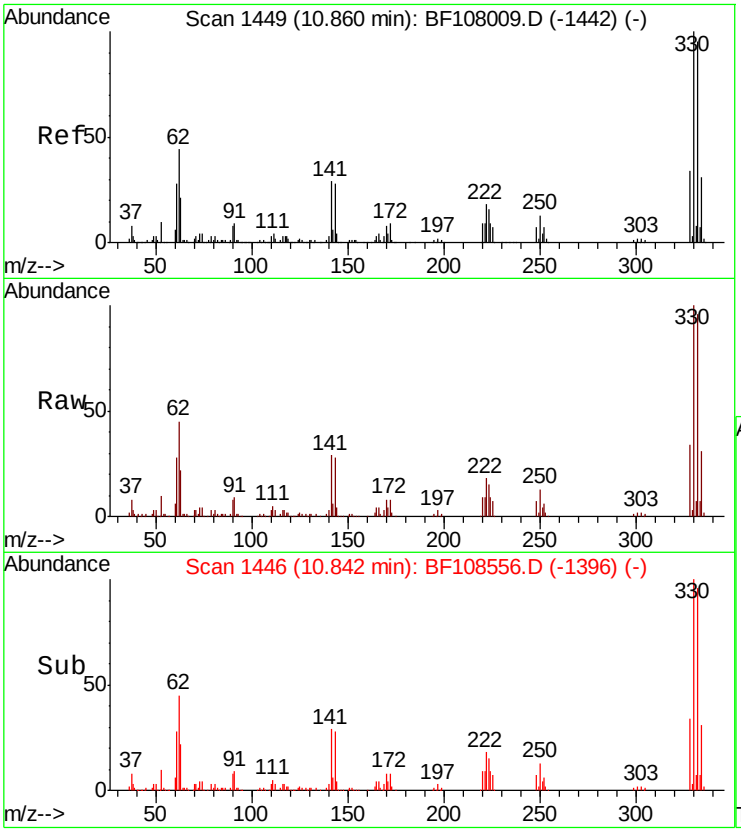


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108556.D
Acq: 28 Aug 2018 15:38

Tgt Ion:164 Resp: 220220

Ion	Ratio	Lower	Upper
164	100		
162	100.1	86.1	129.1
160	45.2	38.3	57.5



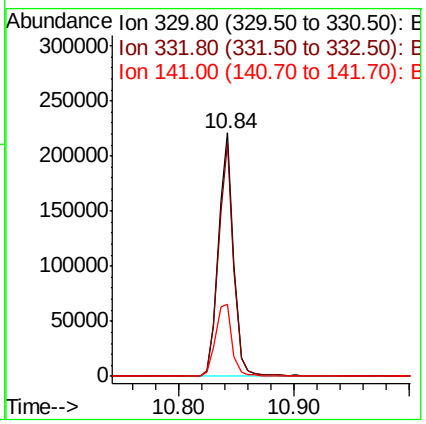


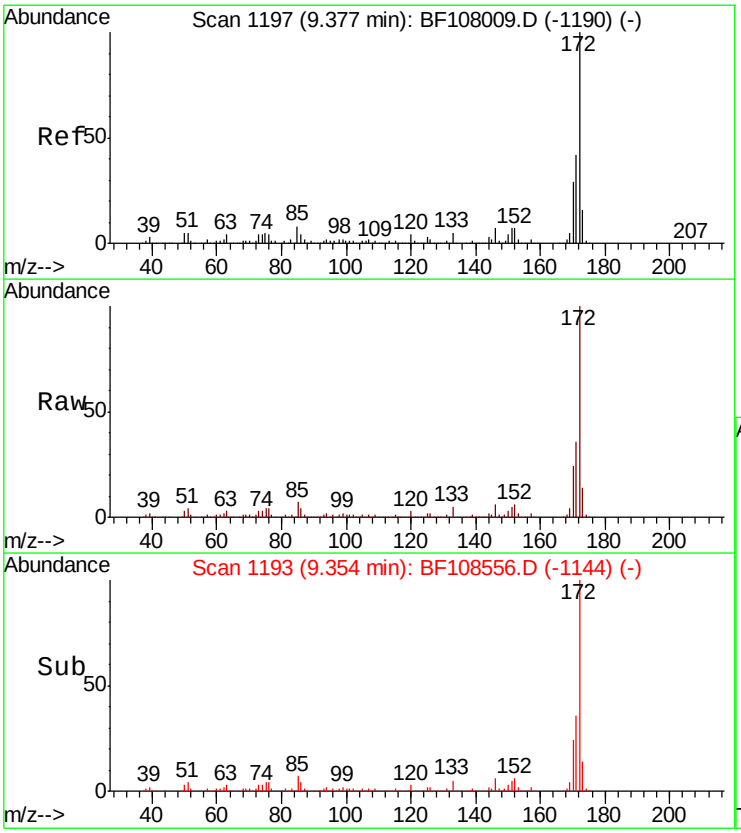
#41
2,4,6-Tribromophenol
Concen: 91.366 ng
RT: 10.84 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF108556.D
Acq: 28 Aug 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 200698

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	32.5	29.9	44.9

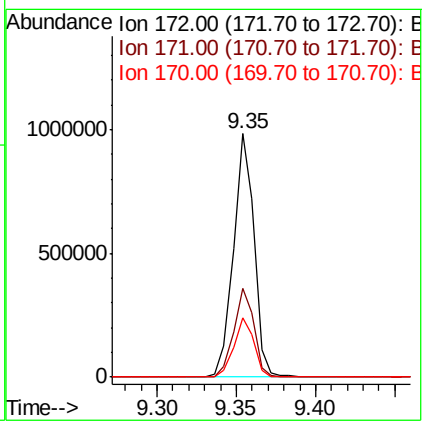


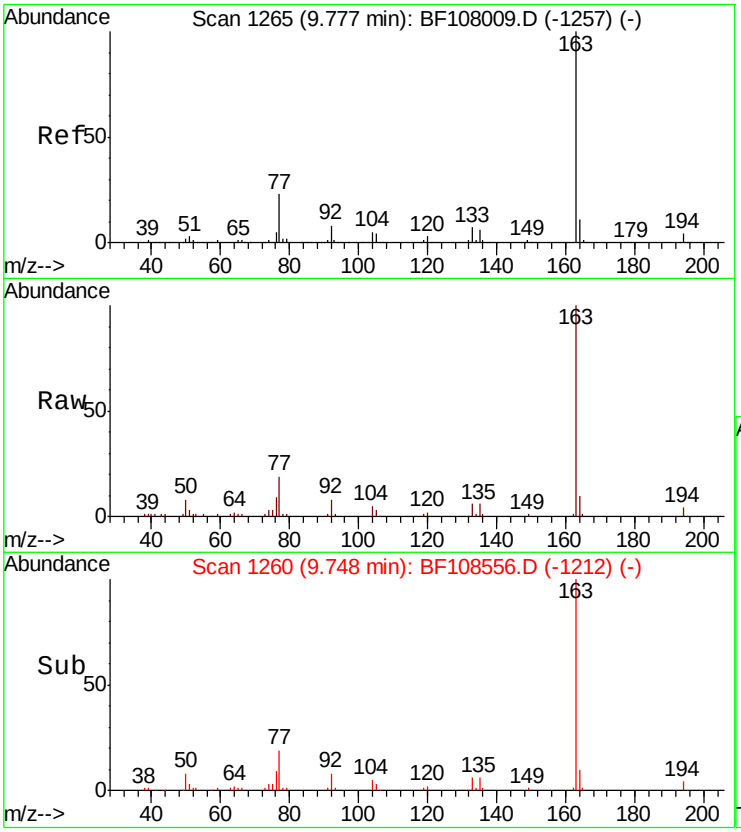


#44
2-Fluorobiphenyl
Concen: 64.751 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108556.D
Acq: 28 Aug 2018 15:38

Tgt Ion:172 Resp: 888180

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.3	19.6	29.4



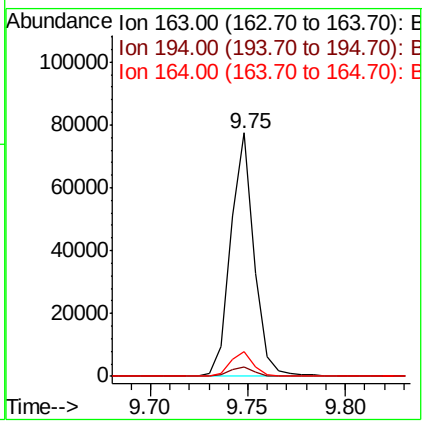


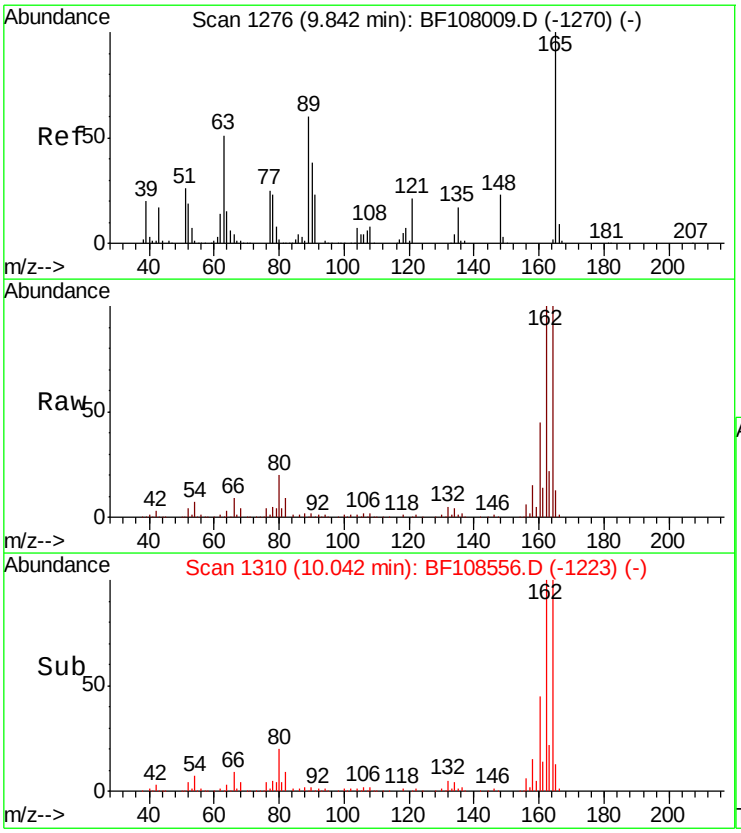
#49
Dimethylphthalate
Concen: 4.164 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108556.D
Acq: 28 Aug 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 63876

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.1	8.2	12.2

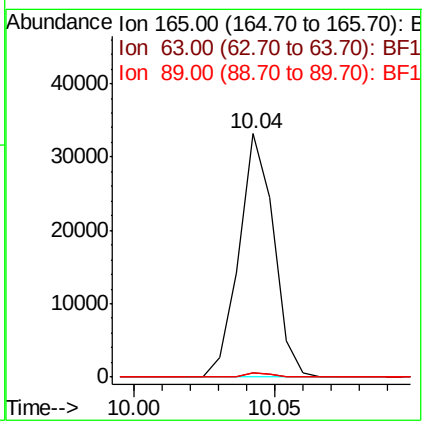


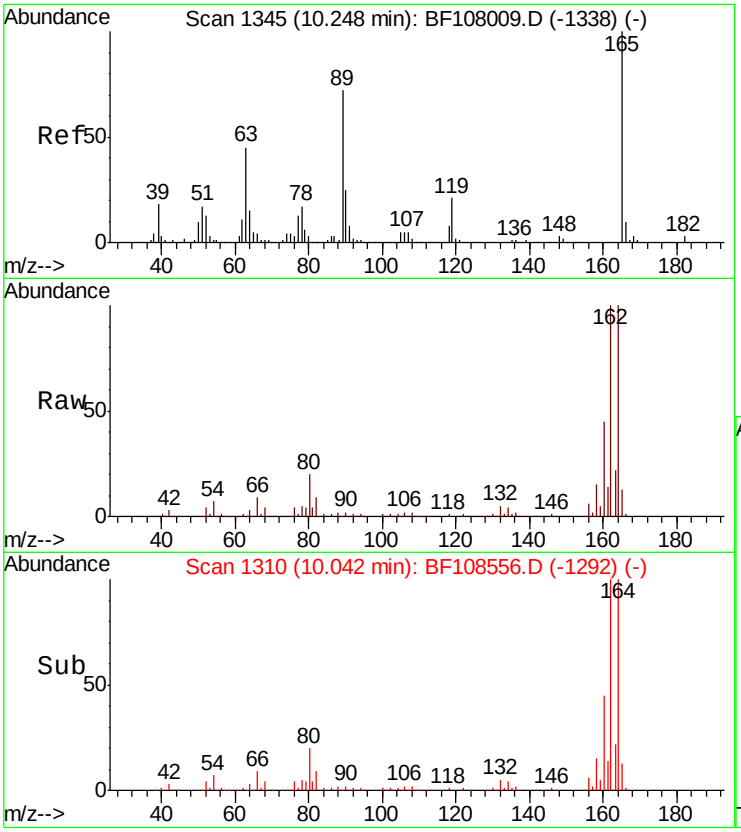


#50
2,6-Dinitrotoluene
Concen: 8.810 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108556.D
Acq: 28 Aug 2018 15:38

Tgt Ion:165 Resp: 28276

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



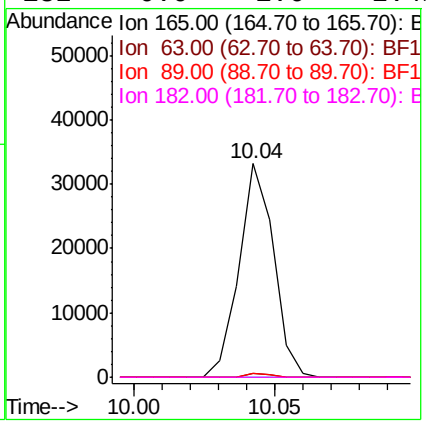


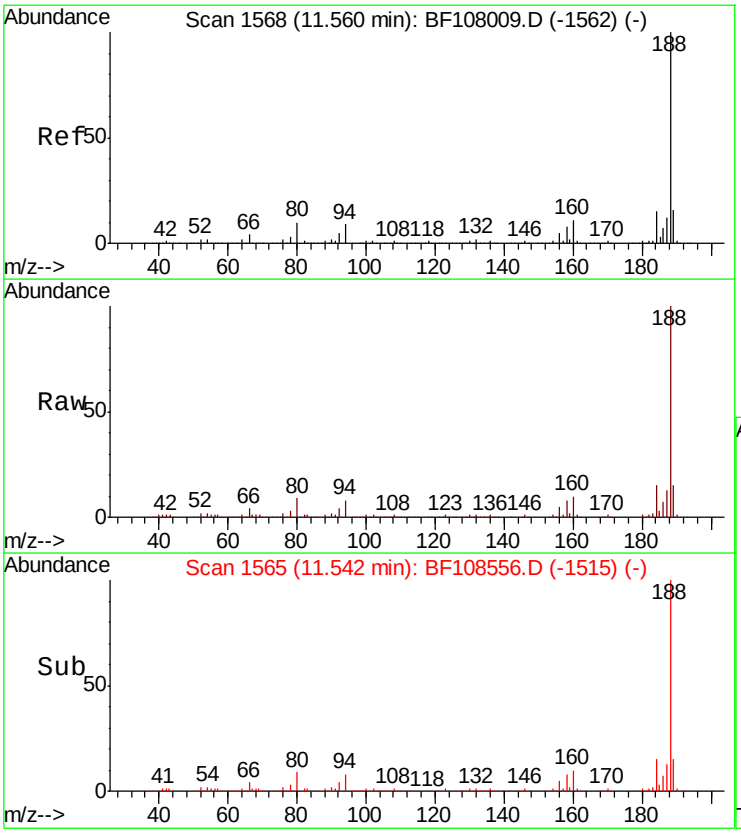
#56
2,4-Dinitrotoluene
Concen: 6.845 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108556.D
Acq: 28 Aug 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 28276

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

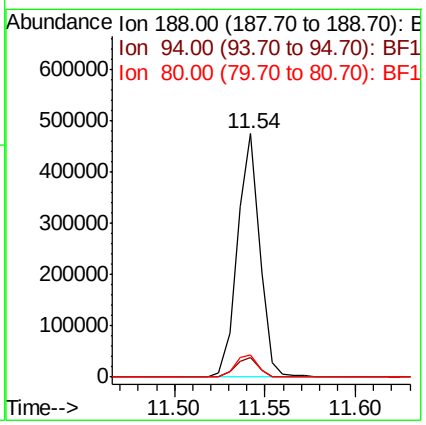


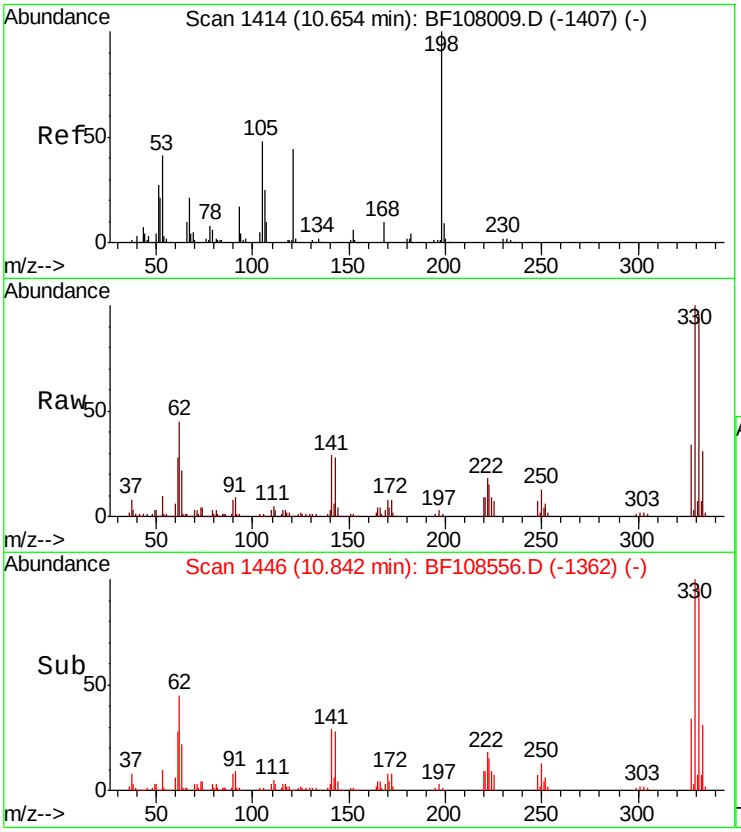


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108556.D
Acq: 28 Aug 2018 15:38

Tgt Ion:188 Resp: 405850

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	9.3	9.2	13.8



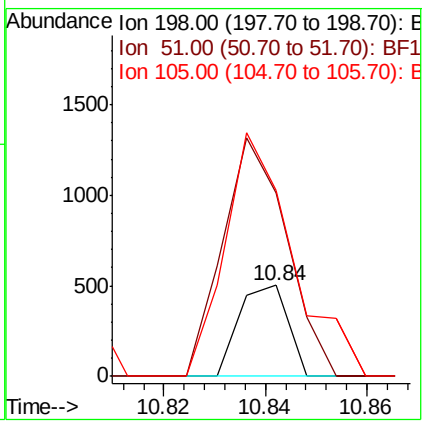


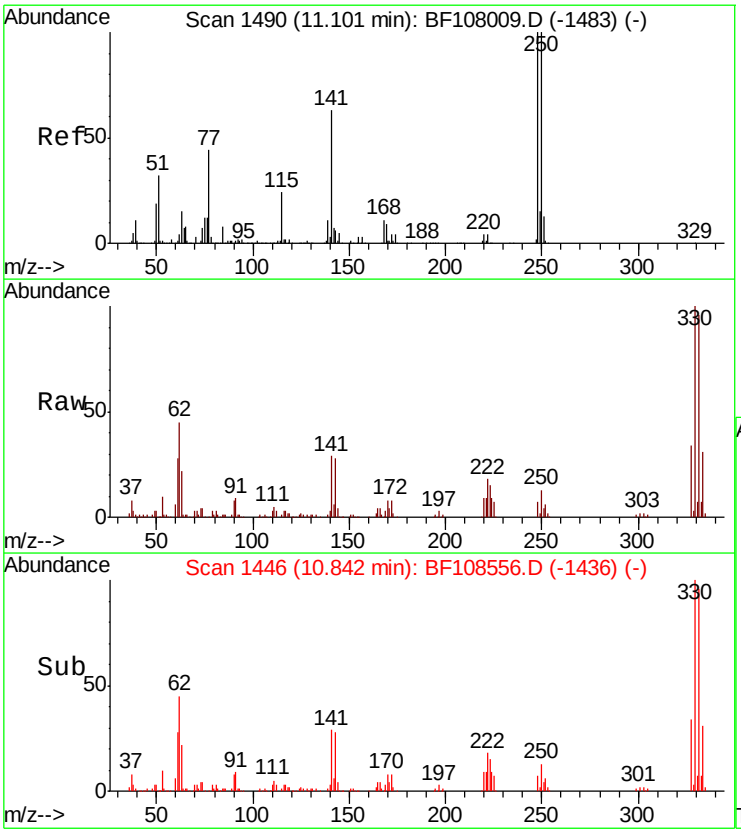
#64
4,6-Dinitro-2-methylphenol
Concen: 5.553 ng
RT: 10.84 min Scan# 1446
Delta R.T. 0.19 min
Lab File: BF108556.D
Acq: 28 Aug 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 334

Ion	Ratio	Lower	Upper
198	100		
51	202.2	37.7	77.7#
105	205.6	36.3	76.3#

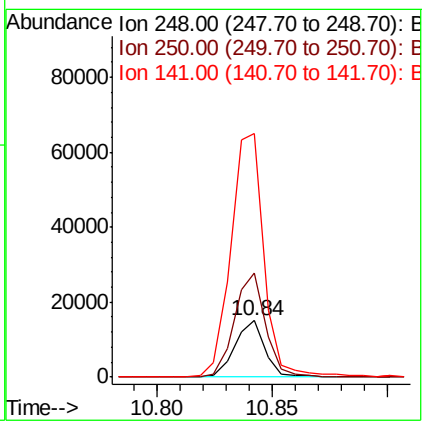


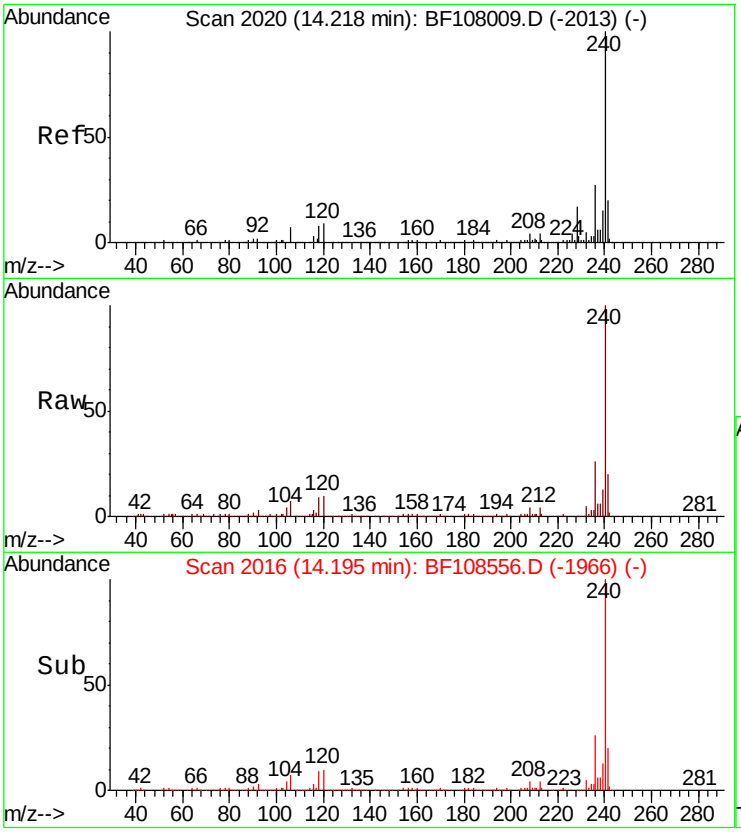


#66
4-Bromophenyl-phenylether
Concen: 3.088 ng
RT: 10.84 min Scan# 1446
Delta R.T. -0.24 min
Lab File: BF108556.D
Acq: 28 Aug 2018 15:38

Tgt Ion:248 Resp: 13621

Ion	Ratio	Lower	Upper
248	100		
250	185.8	76.9	115.3#
141	432.4	74.4	111.6#



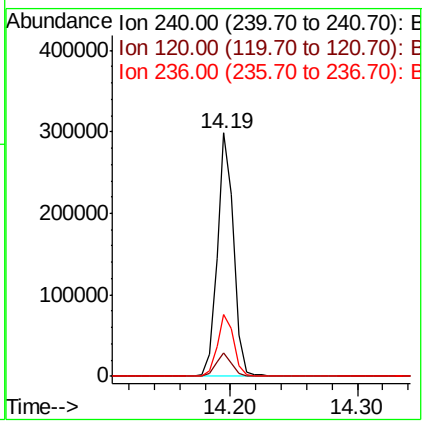


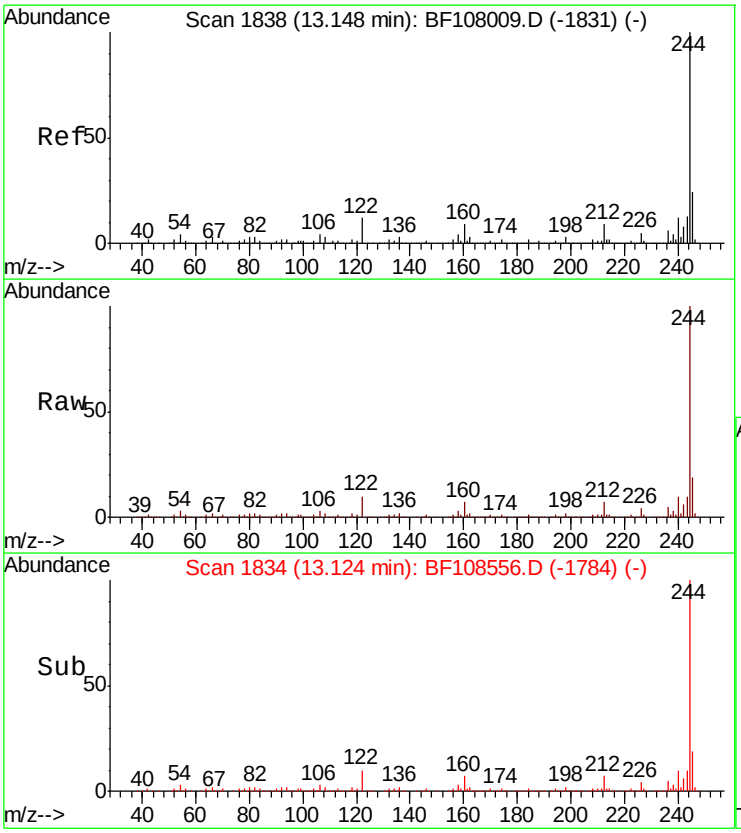
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108556.D
Acq: 28 Aug 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 268297

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.5	14.3
236	25.6	20.7	31.1

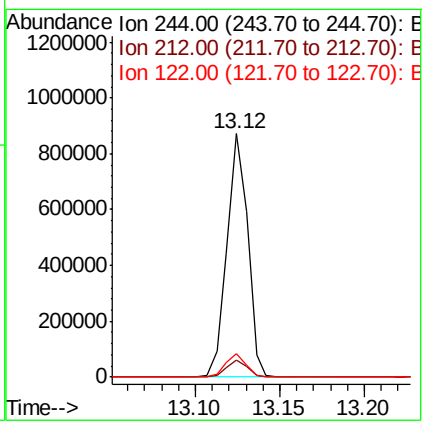


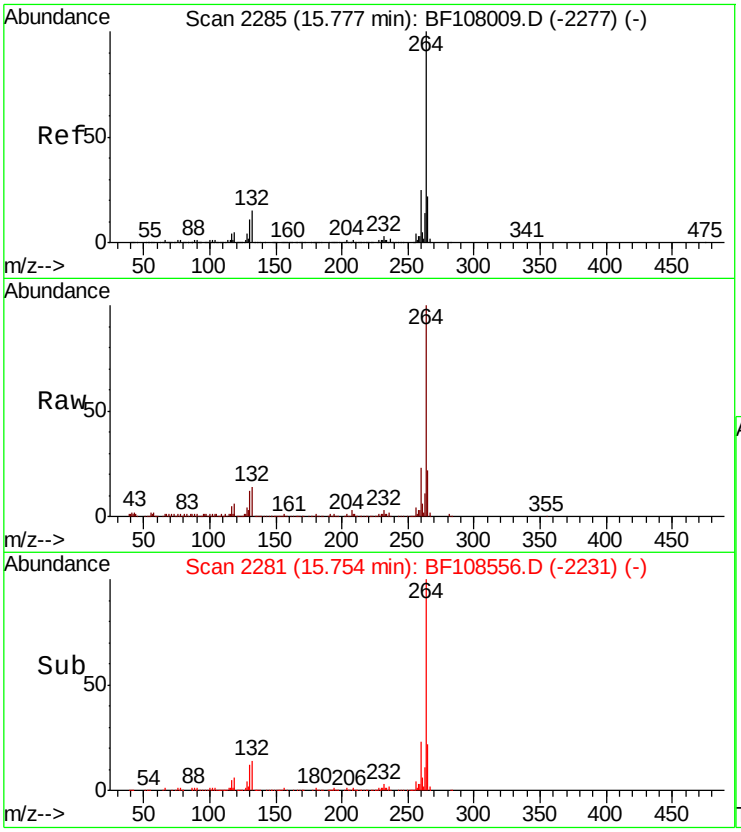


#78
Terphenyl-d14
Concen: 70.214 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108556.D
Acq: 28 Aug 2018 15:38

Tgt Ion:244 Resp: 740916

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	9.5	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF108556.D
Acq: 28 Aug 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 287920

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.9	17.5	26.3