Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
Data File : BF108598.D
Acq On : 29 Aug 2018 12:18
Operator : JU/SJ
Sample : PB112423BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 29 12:52:38 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	141702	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	551518	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	288096	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	602213	20.00	ng	0.00
75) Chrysene-d12	14.19	240	490427	20.00	ng	0.00
86) Perylene-d12	15.75	264	361089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	929991	118.82	ng	0.01
7) Phenol-d6	6.63	99	1308878	125.84	ng	0.00
23) Nitrobenzene-d5	7.57	82	881054	89.14	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	417930	145.43	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1699181	94.69	ng	-0.01
78) Terphenyl-d14	13.13	244	1931284	100.13	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.57	70	114056	16.216	ng	# 83
25) Isophorone	7.57	82	881537	46.794	ng	# 64
50) 2,6-Dinitrotoluene	10.04	165	36048	8.586	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	36383	6.732	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.84	198	866	5.699	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	27389	4.185	ng	# 1

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

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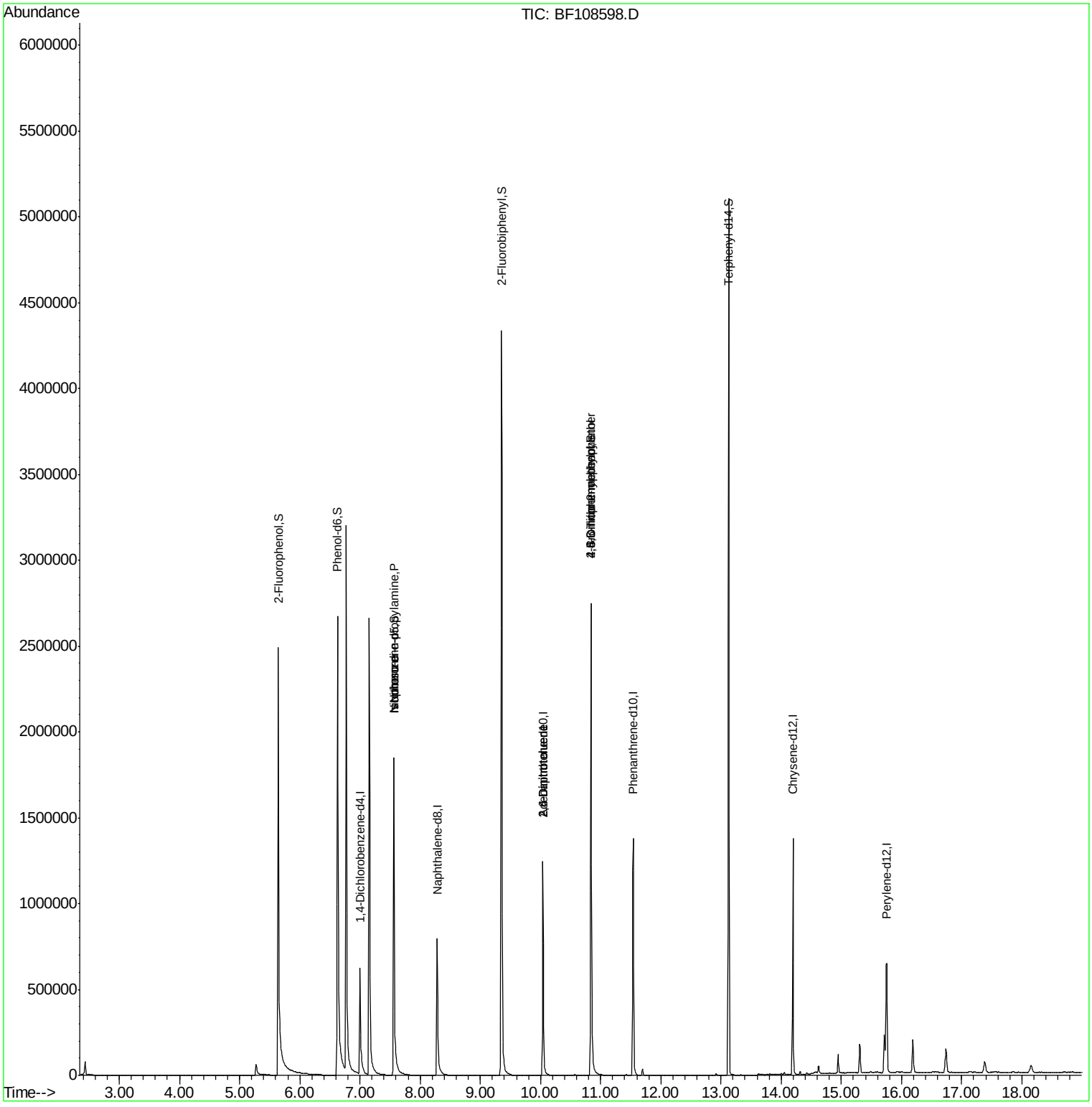
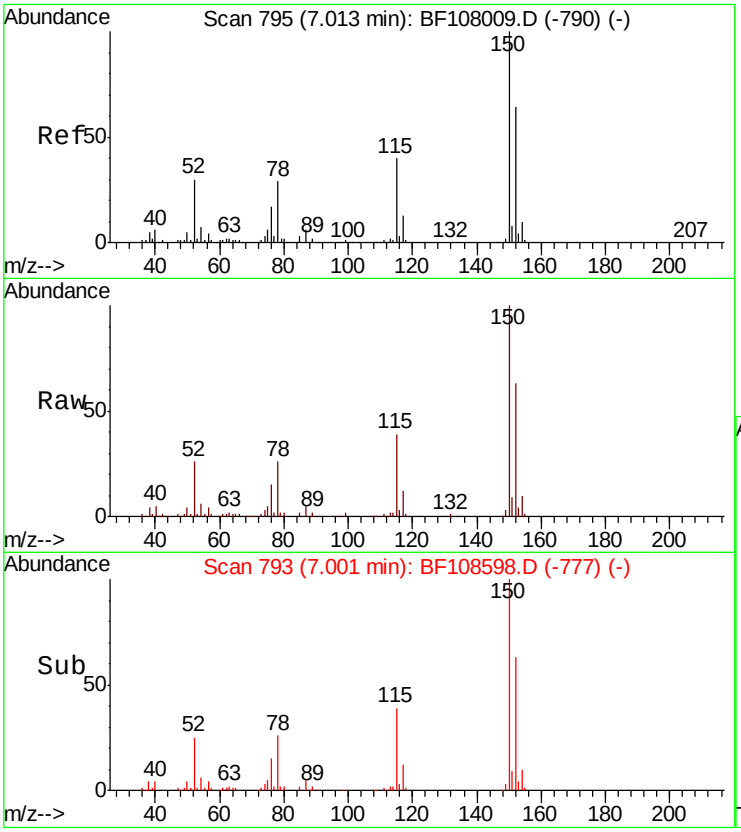


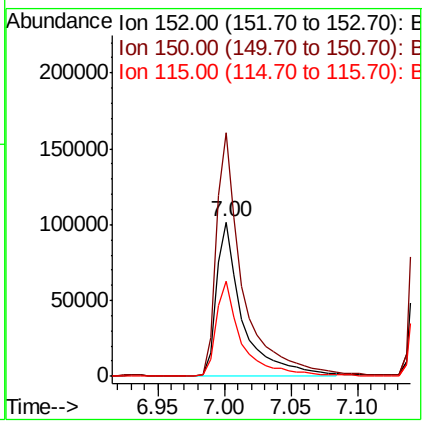


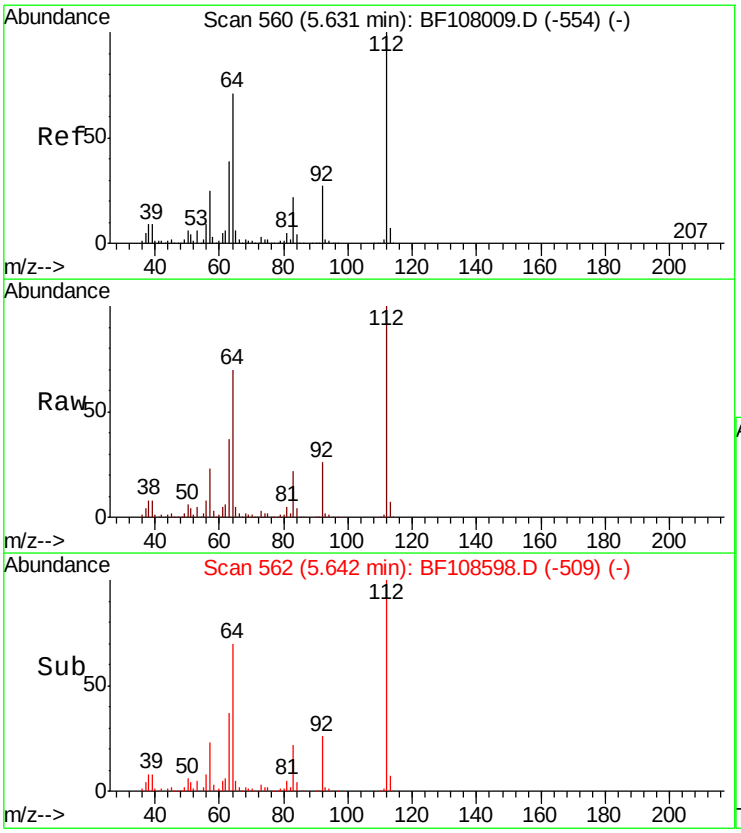
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108598.D
Acq: 29 Aug 2018 12:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 141702

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	62.0	50.1	75.1

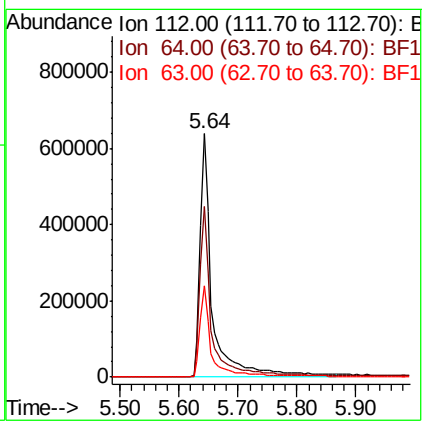


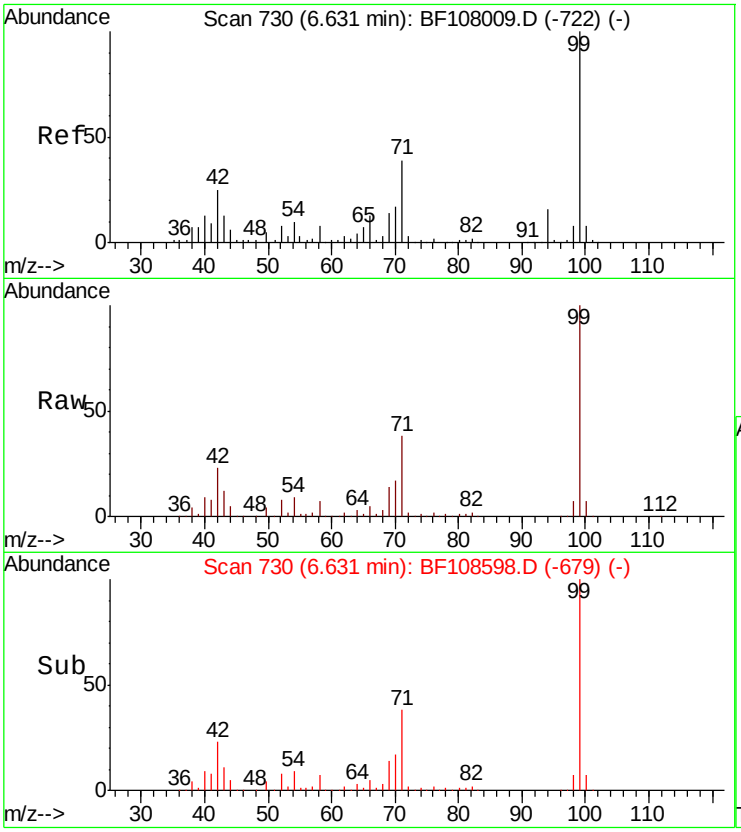


#5
2-Fluorophenol
Concen: 118.820 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108598.D
Acq: 29 Aug 2018 12:18

Tgt Ion:112 Resp: 929991

Ion	Ratio	Lower	Upper
112	100		
64	70.0	47.9	71.9
63	37.4	23.7	35.5#



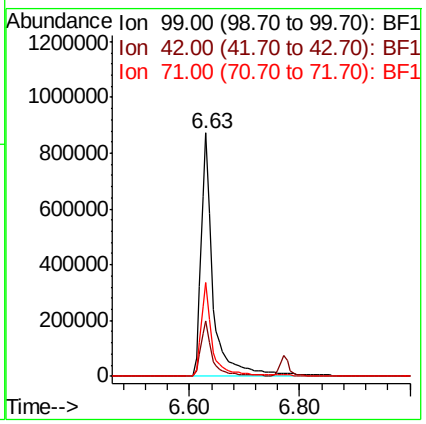


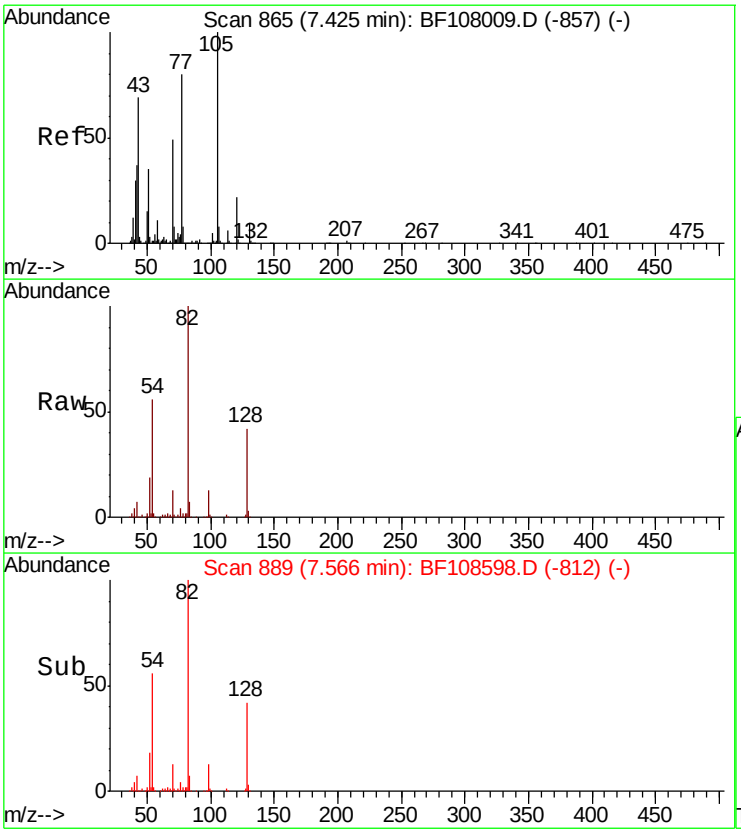
#7
Phenol-d6
Concen: 125.843 ng
RT: 6.63 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF108598.D
Acq: 29 Aug 2018 12:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1308878

Ion	Ratio	Lower	Upper
99	100		
42	22.7	14.5	21.7#
71	38.4	25.4	38.0#

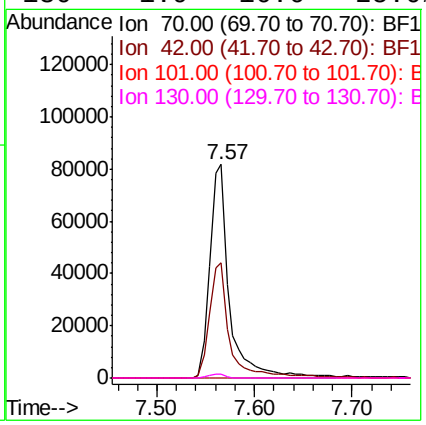


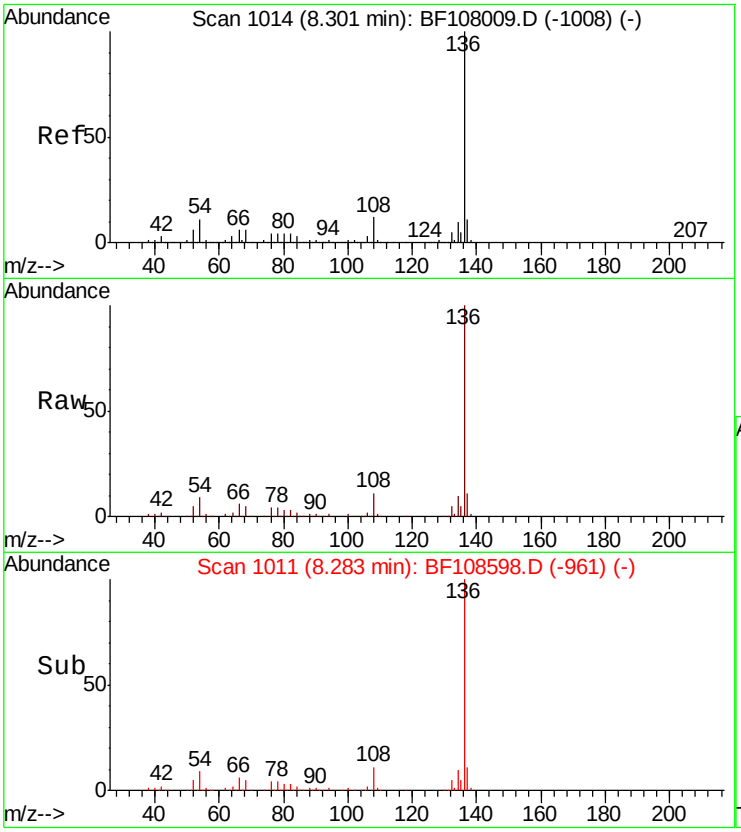


#19
n-Nitroso-di-n-propylamine
Concen: 16.216 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108598.D
Acq: 29 Aug 2018 12:18

Tgt Ion: 70 Resp: 114056

Ion	Ratio	Lower	Upper
70	100		
42	53.8	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



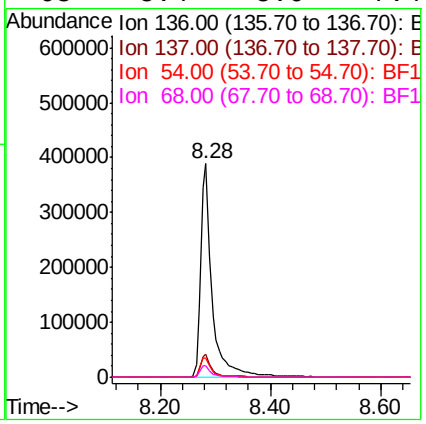


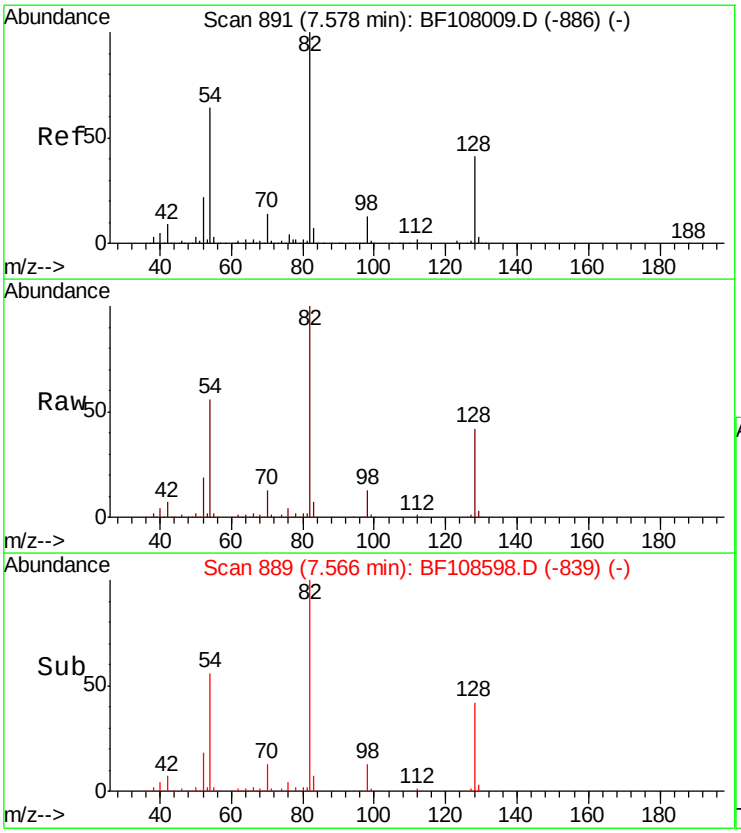
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108598.D
Acq: 29 Aug 2018 12:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 551518

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.0	6.6	9.8
68	5.4	5.0	7.4

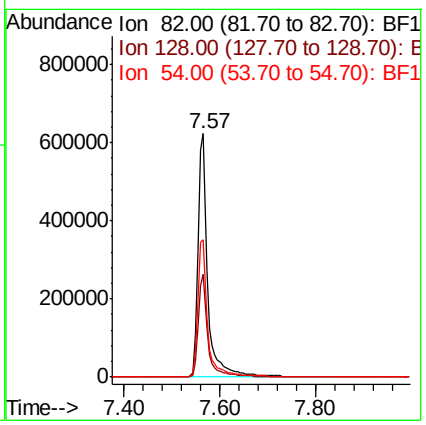


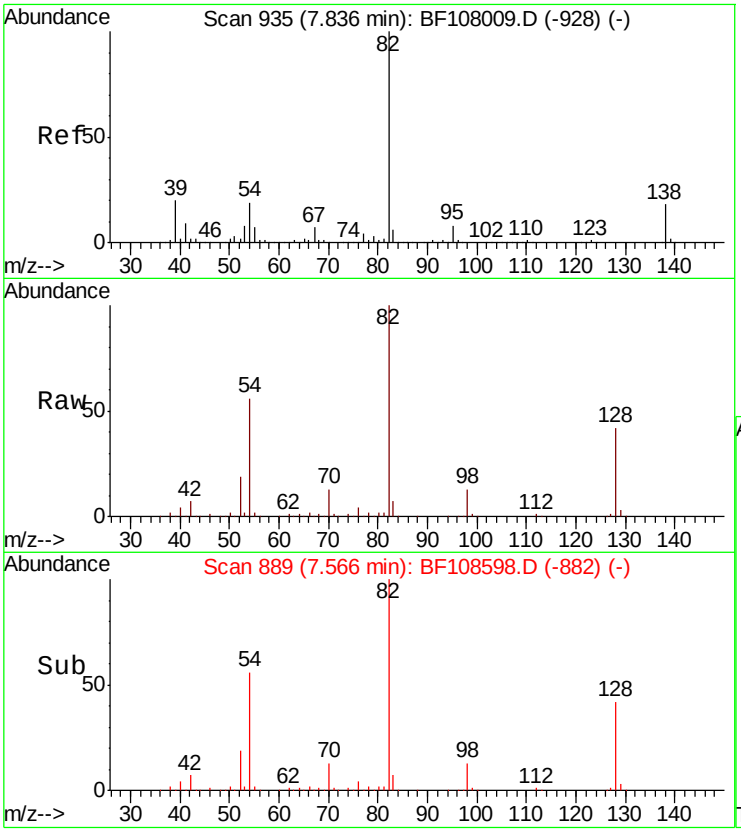


#23
Nitrobenzene-d5
Concen: 89.143 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108598.D
Acq: 29 Aug 2018 12:18

Tgt Ion: 82 Resp: 881054

Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	56.3	41.4	62.2



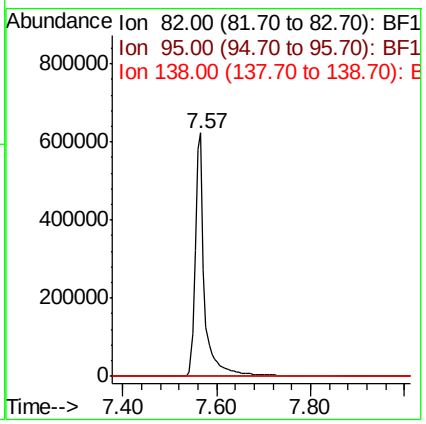


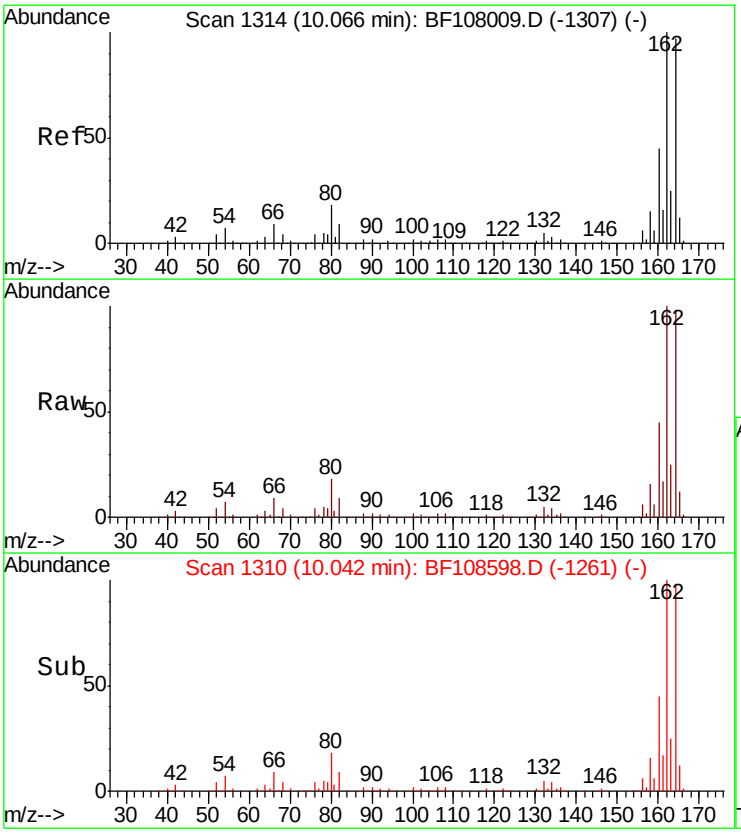
#25
Isophorone
Concen: 46.794 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108598.D
Acq: 29 Aug 2018 12:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 881537

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

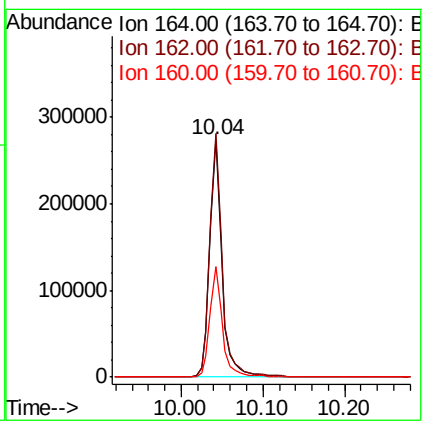


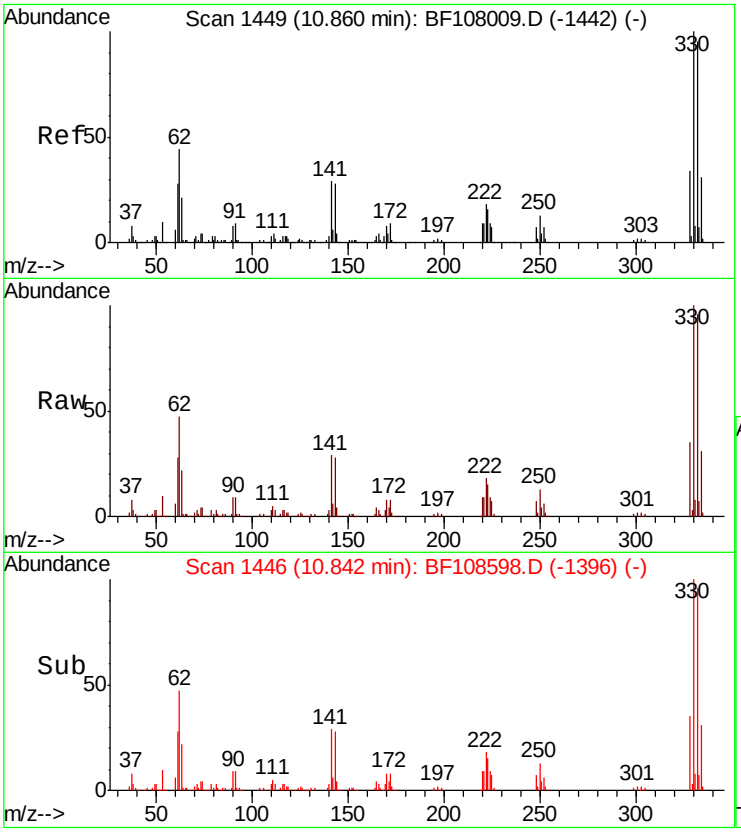


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108598.D
Acq: 29 Aug 2018 12:18

Tgt Ion:164 Resp: 288096

Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	46.4	38.3	57.5



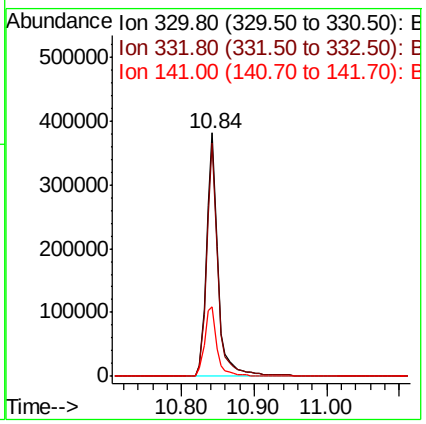


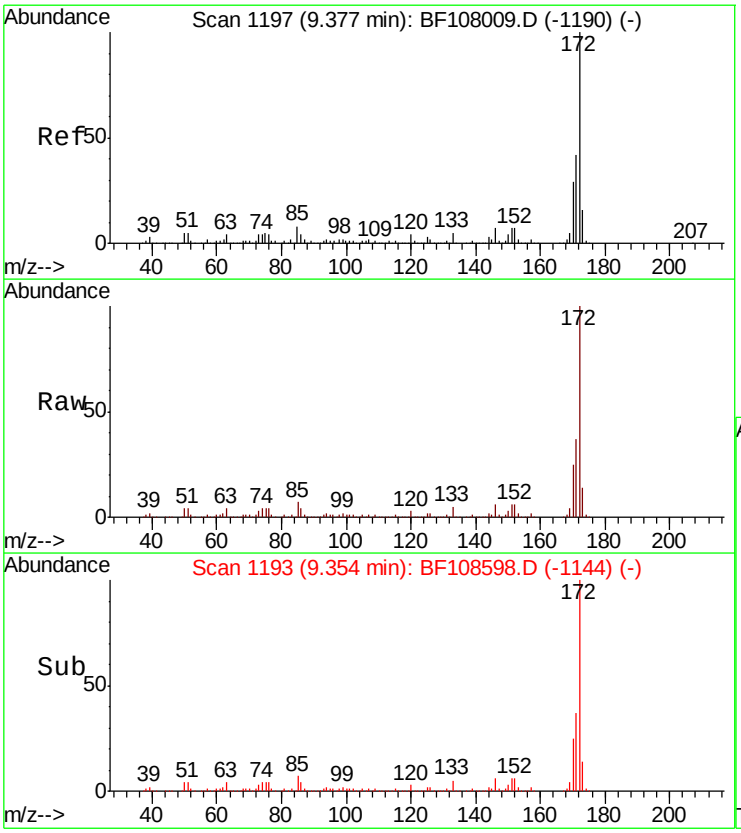
#41
2,4,6-Tribromophenol
Concen: 145.434 ng
RT: 10.84 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF108598.D
Acq: 29 Aug 2018 12:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 417930

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	31.7	29.9	44.9

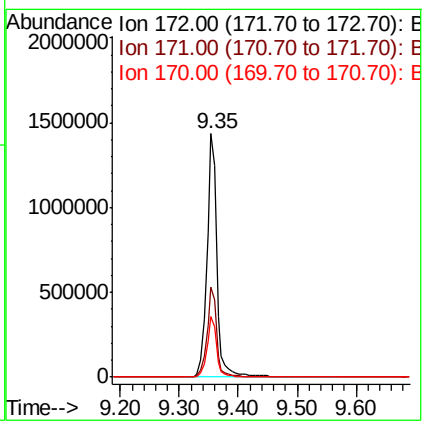


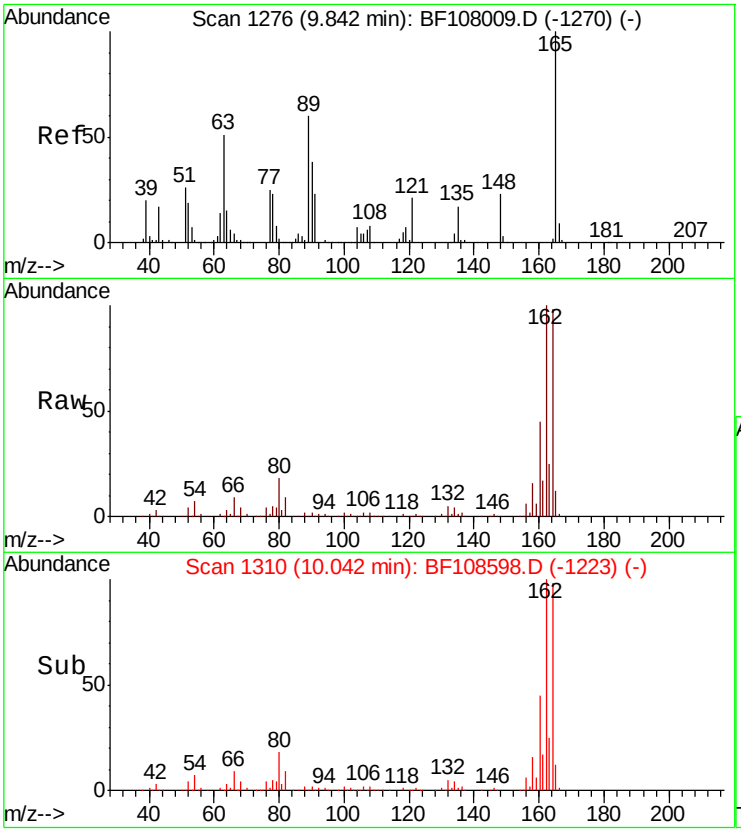


#44
2-Fluorobiphenyl
Concen: 94.690 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108598.D
Acq: 29 Aug 2018 12:18

Tgt Ion:172 Resp: 1699181

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	25.0	19.6	29.4



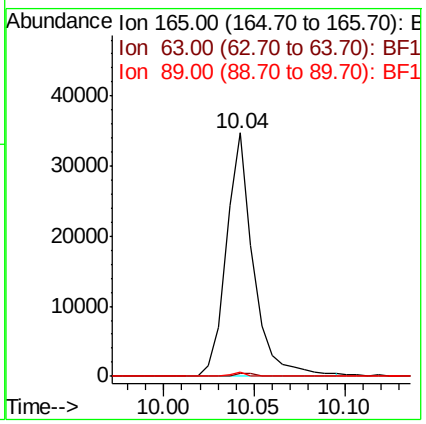


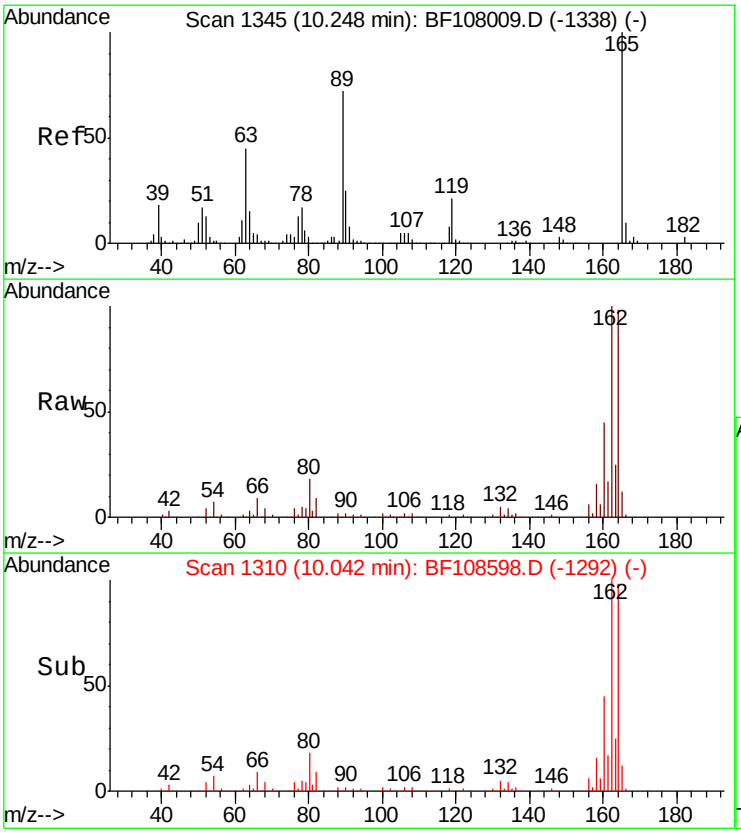
#50
2,6-Dinitrotoluene
Concen: 8.586 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108598.D
Acq: 29 Aug 2018 12:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 36048

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.9	44.0	66.0#

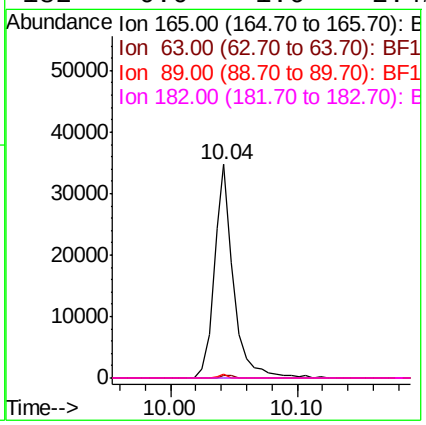


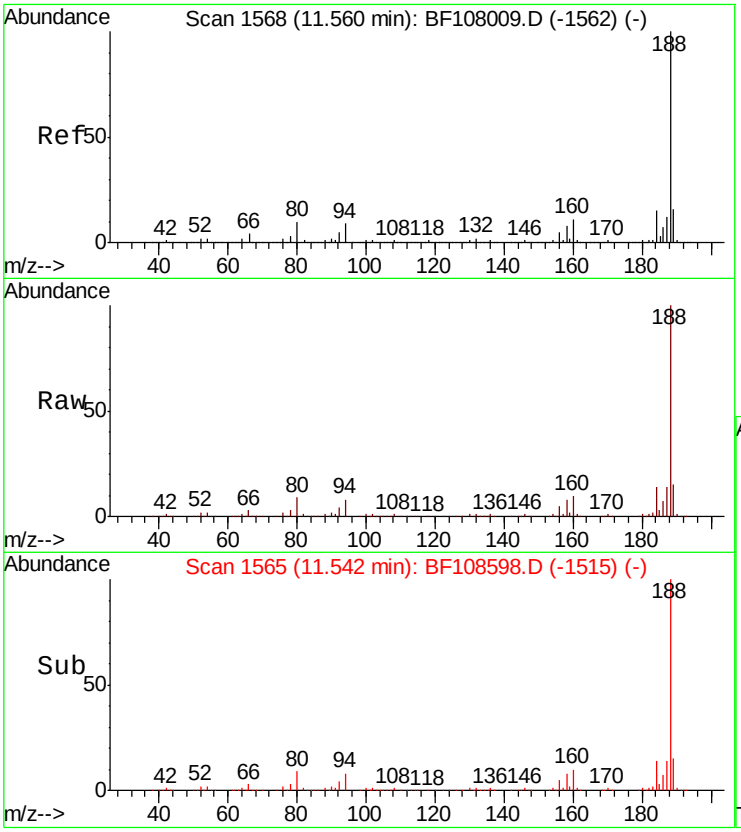


#56
2,4-Dinitrotoluene
Concen: 6.732 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108598.D
Acq: 29 Aug 2018 12:18

Tgt Ion:165 Resp: 36383

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#



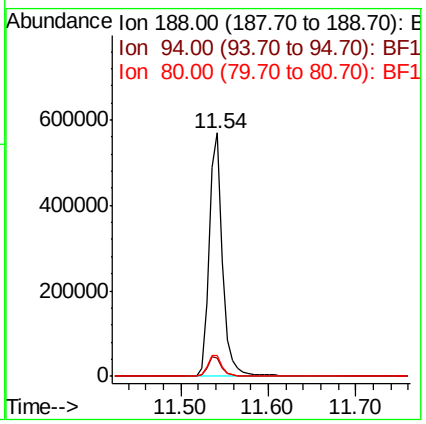


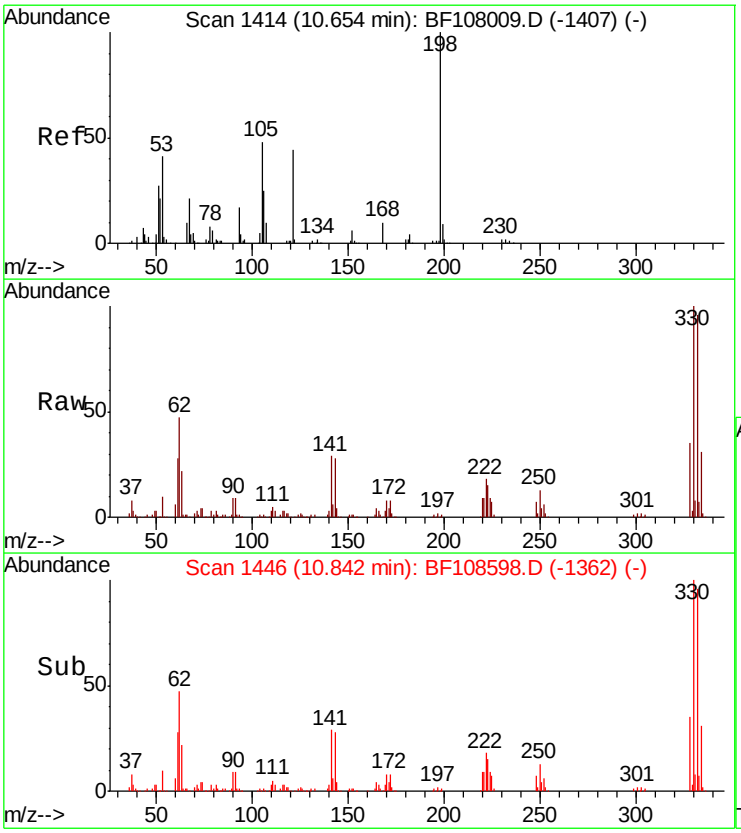
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108598.D
Acq: 29 Aug 2018 12:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 602213

Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	8.7	9.2	13.8#

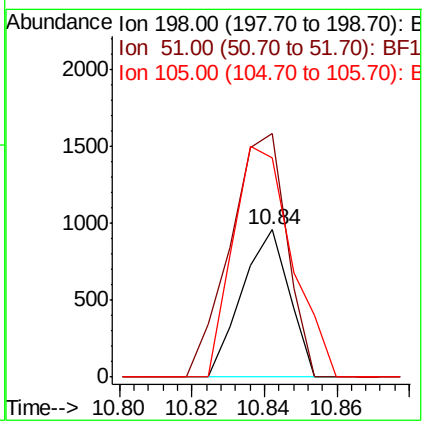


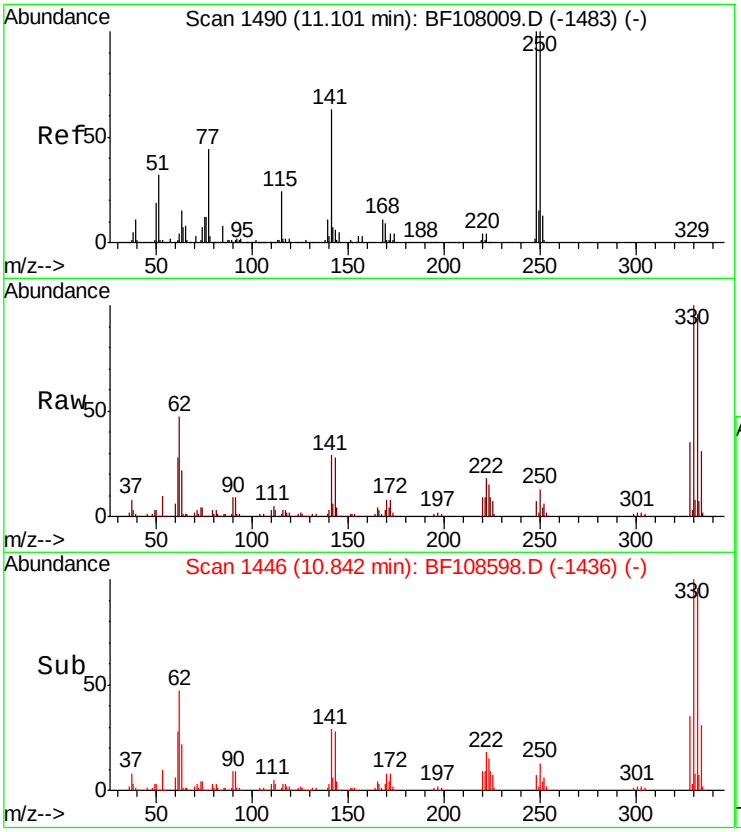


#64
4,6-Dinitro-2-methylphenol
Concen: 5.699 ng
RT: 10.84 min Scan# 1446
Delta R.T. 0.19 min
Lab File: BF108598.D
Acq: 29 Aug 2018 12:18

Tgt Ion:198 Resp: 866

Ion	Ratio	Lower	Upper
198	100		
51	165.0	37.7	77.7#
105	148.8	36.3	76.3#



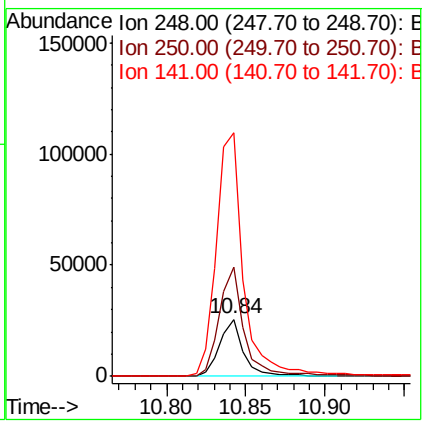


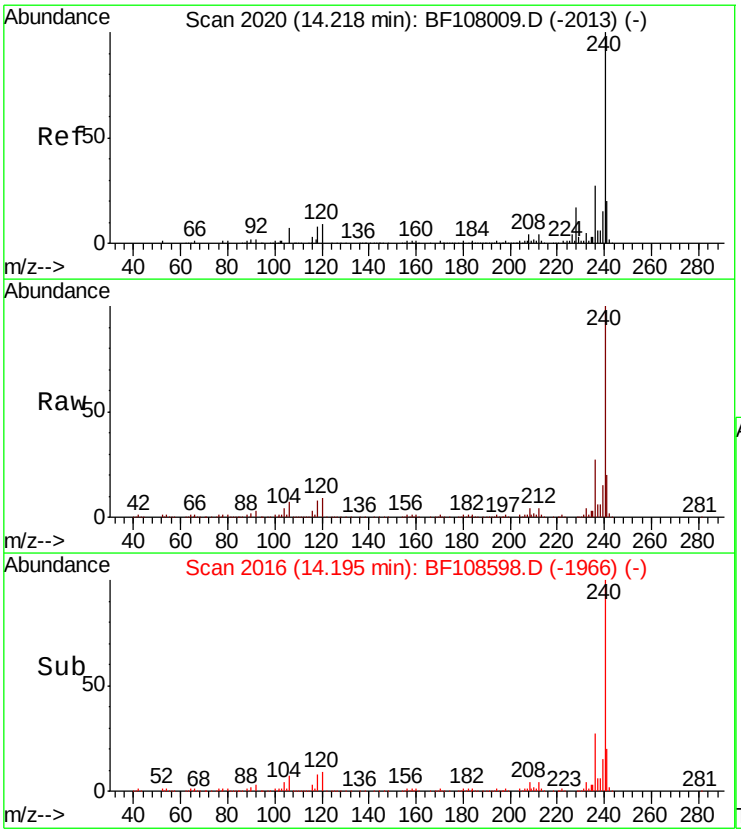
#66
4-Bromophenyl-phenylether
Concen: 4.185 ng
RT: 10.84 min Scan# 1446
Delta R.T. -0.24 min
Lab File: BF108598.D
Acq: 29 Aug 2018 12:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 27389

Ion	Ratio	Lower	Upper
248	100		
250	191.7	76.9	115.3#
141	425.6	74.4	111.6#

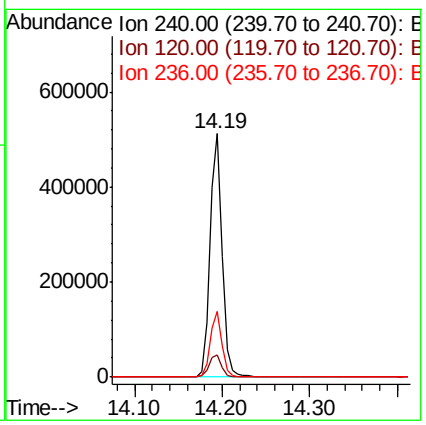


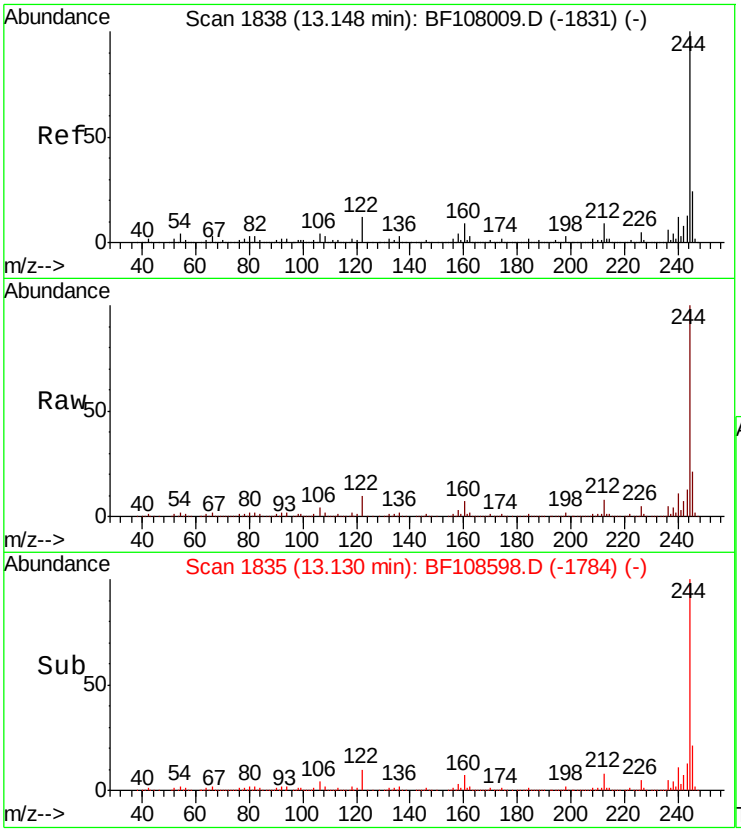


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108598.D
Acq: 29 Aug 2018 12:18

Tgt Ion:240 Resp: 490427

Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	26.9	20.7	31.1



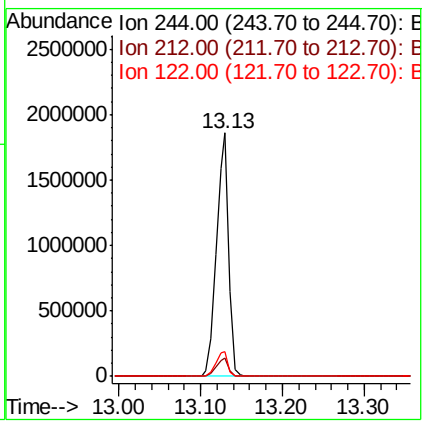


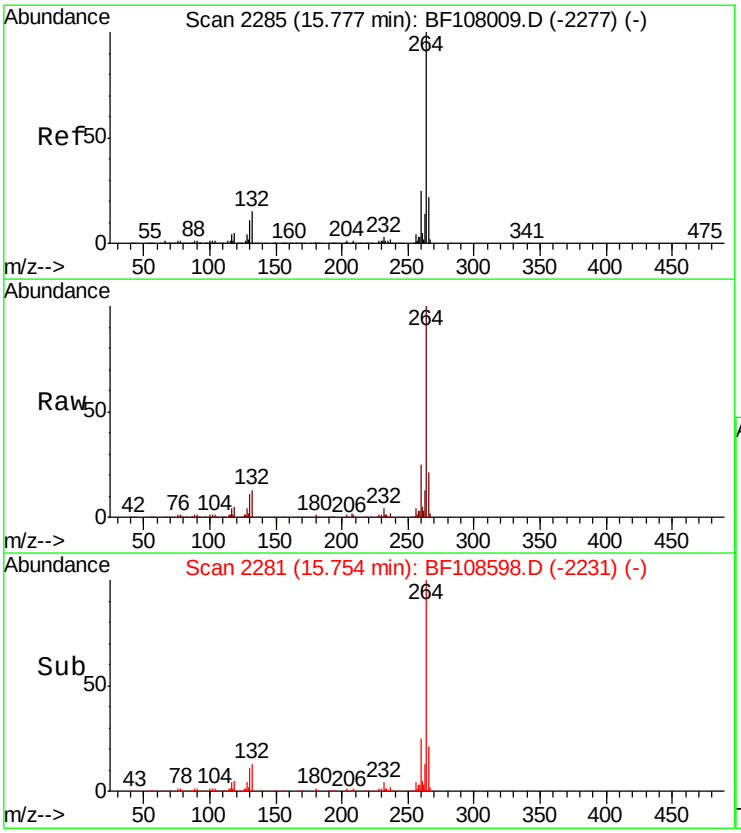
#78
Terphenyl-d14
Concen: 100.125 ng
RT: 13.13 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BF108598.D
Acq: 29 Aug 2018 12:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1931284

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	9.9	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: BF108598.D
Acq: 29 Aug 2018 12:18

Tgt Ion:264 Resp: 361089

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.4	17.5	26.3