Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108533.D
Acq On : 28 Aug 2018 2:22
Operator : JU/SJ
Sample : J4659-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 28 03:10:58 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	106907	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	371285	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	155187	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	263745	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	274689	20.00	ng	-0.01
86) Perylene-d12	15.75	264	187208	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	223558	37.86	ng	0.00
7) Phenol-d6	6.61	99	176404	22.48	ng	-0.02
23) Nitrobenzene-d5	7.57	82	689315	103.60	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	135704	87.67	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1220917	126.31	ng	-0.01
78) Terphenyl-d14	13.12	244	1030503	95.39	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.57	70	93476	17.616	ng	# 79
25) Isophorone	7.57	82	689305	54.352	ng	# 64
49) Dimethylphthalate	9.75	163	30617	2.832	ng	# 98
50) 2,6-Dinitrotoluene	10.04	165	19266	8.518	ng	# 24
56) 2,4-Dinitrotoluene	10.04	165	19266	6.618	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.84	198	270	5.601	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	8925	3.114	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
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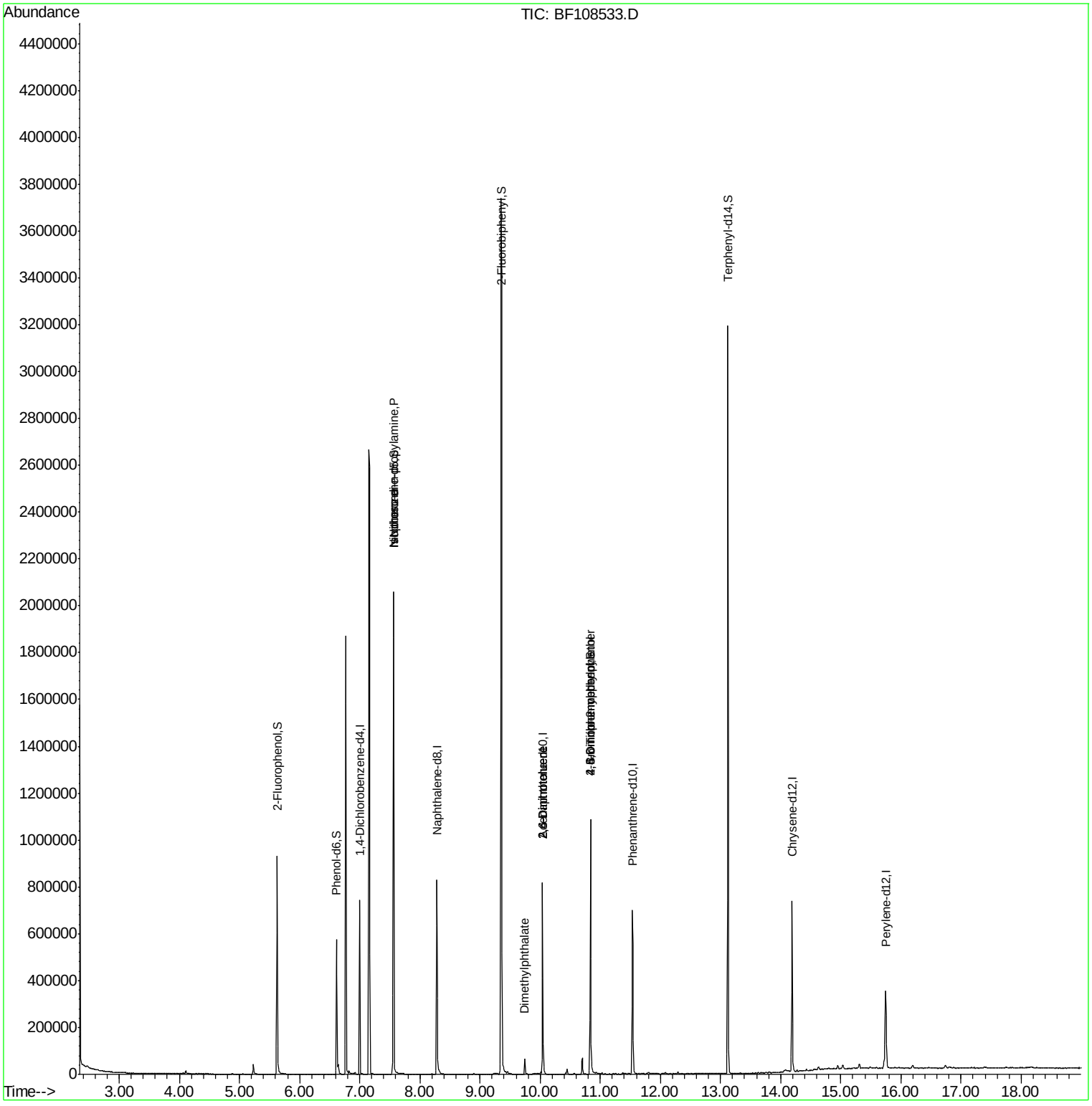
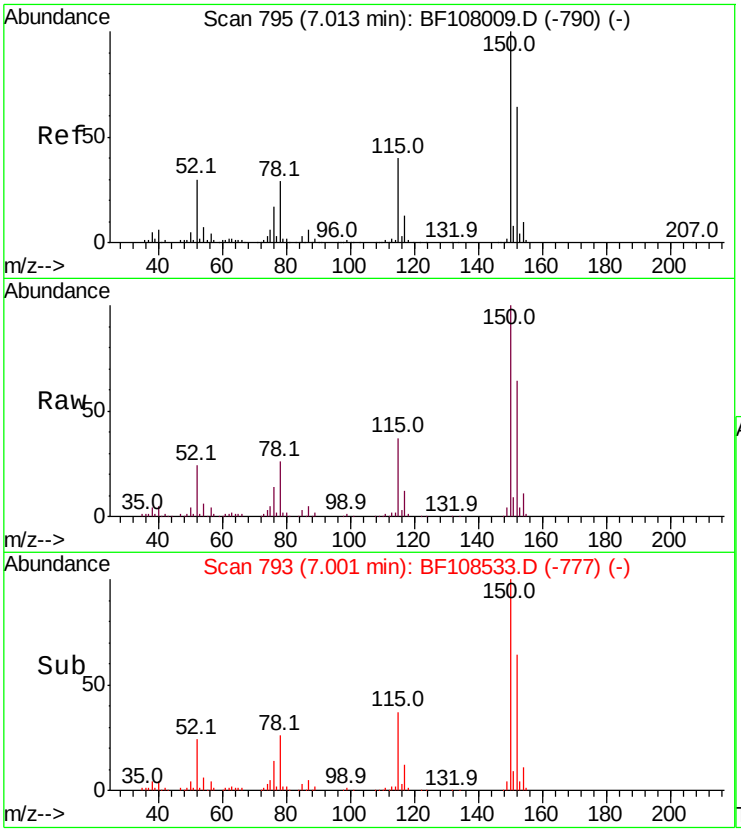


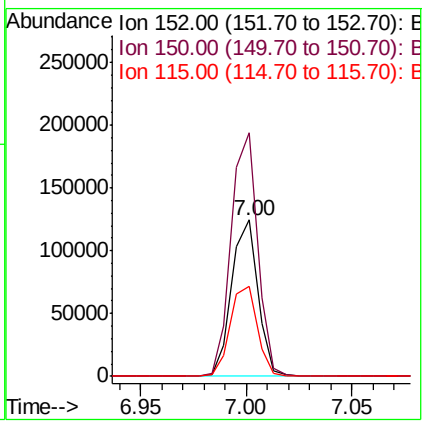


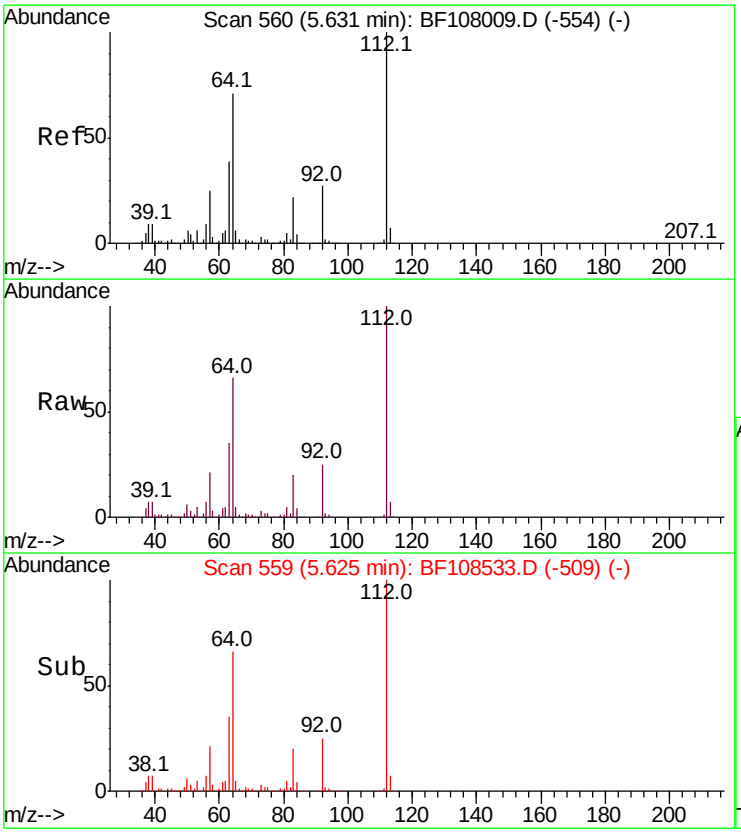
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108533.D
Acq: 28 Aug 2018 2:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 106907

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	57.6	50.1	75.1

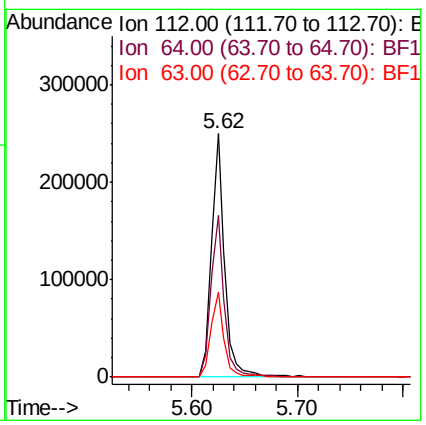


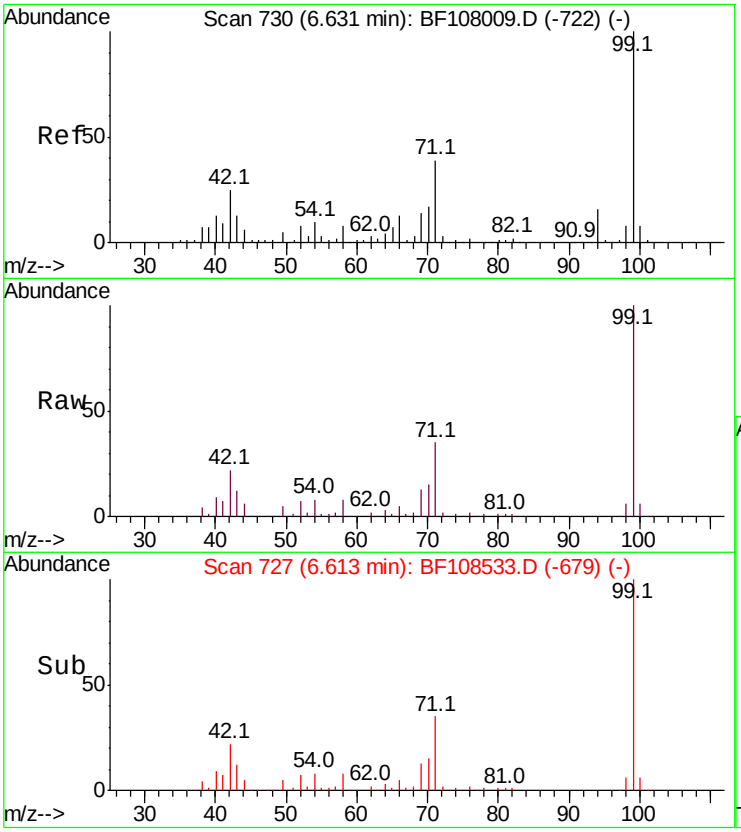


#5
2-Fluorophenol
Concen: 37.859 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108533.D
Acq: 28 Aug 2018 2:22

Tgt Ion:112 Resp: 223558

Ion	Ratio	Lower	Upper
112	100		
64	66.5	47.9	71.9
63	34.9	23.7	35.5



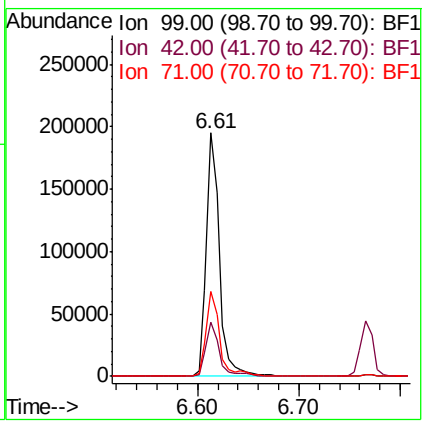


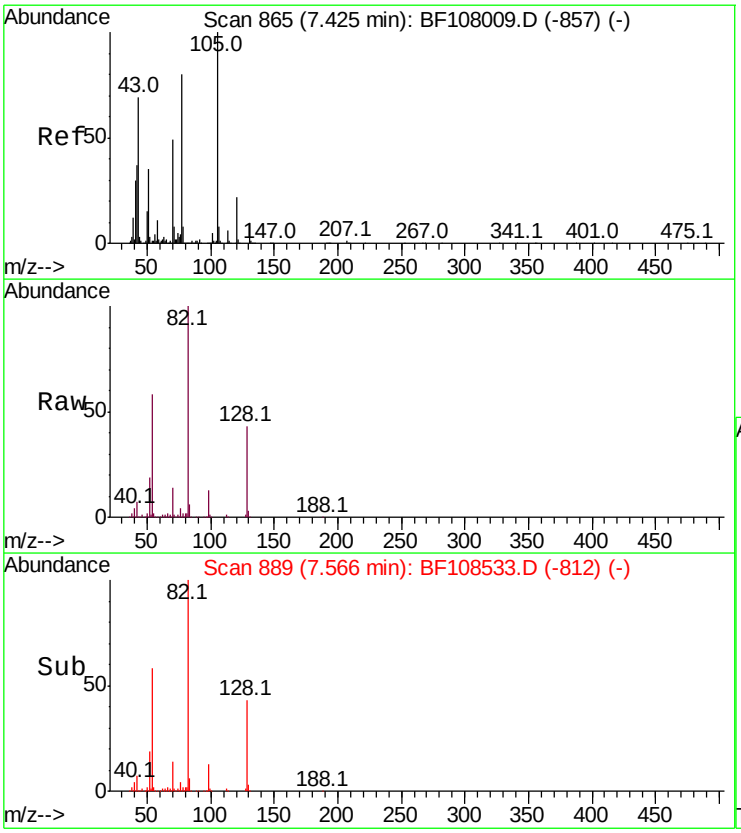
#7
Phenol-d6
Concen: 22.481 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF108533.D
Acq: 28 Aug 2018 2:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 176404

Ion	Ratio	Lower	Upper
99	100		
42	22.0	14.5	21.7#
71	35.0	25.4	38.0

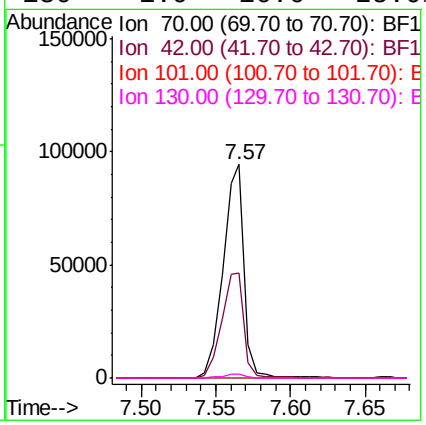


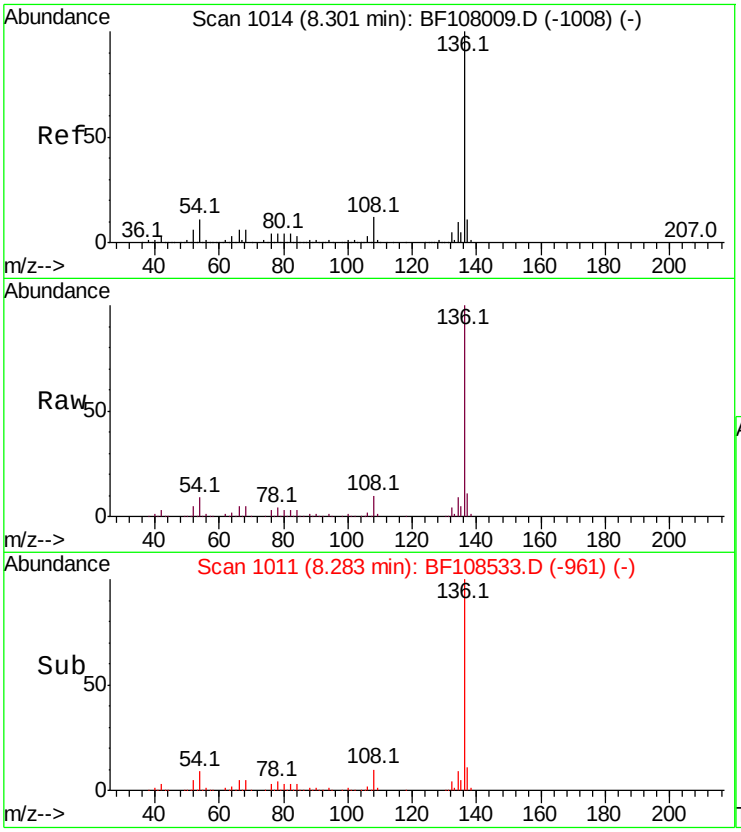


#19
n-Nitroso-di-n-propylamine
Concen: 17.616 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108533.D
Acq: 28 Aug 2018 2:22

Tgt Ion: 70 Resp: 93476

Ion	Ratio	Lower	Upper
70	100		
42	49.4	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



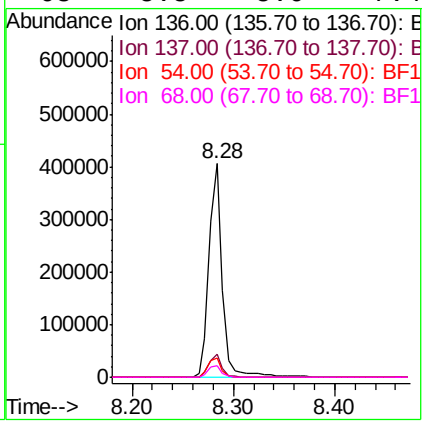


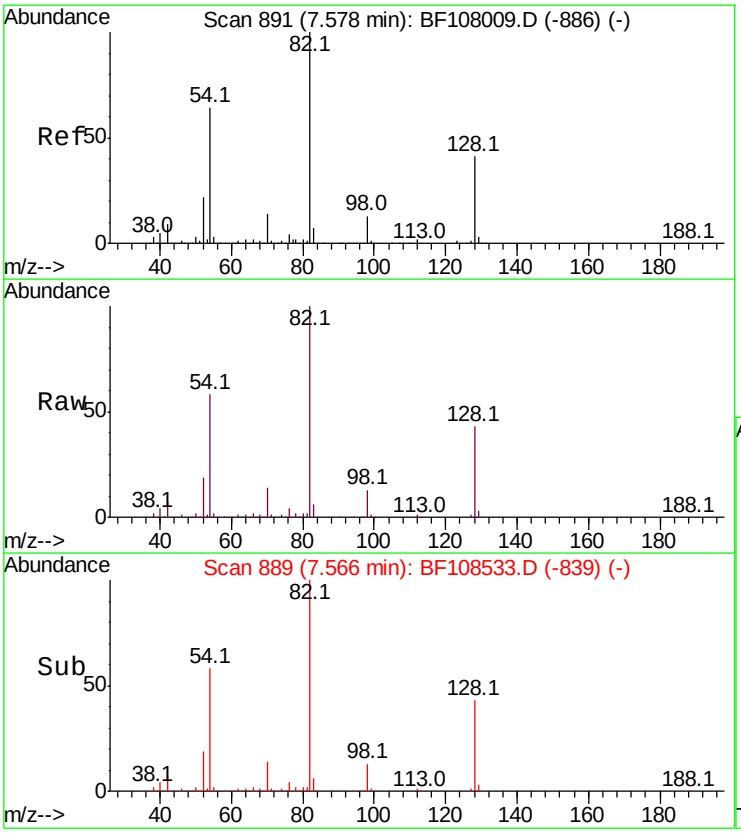
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108533.D
Acq: 28 Aug 2018 2:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 371285

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.2	6.6	9.8
68	5.5	5.0	7.4

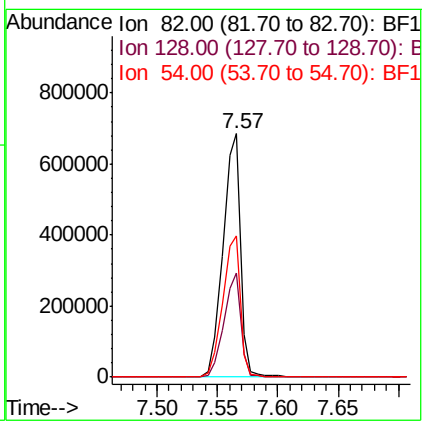


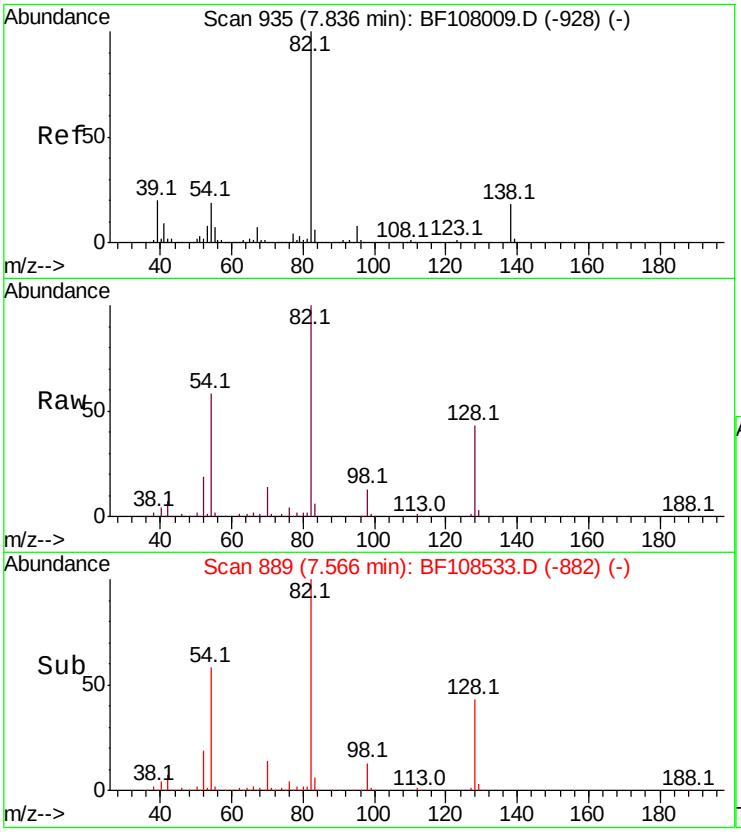


#23
Nitrobenzene-d5
Concen: 103.599 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108533.D
Acq: 28 Aug 2018 2:22

Tgt Ion: 82 Resp: 689315

Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	57.8	41.4	62.2



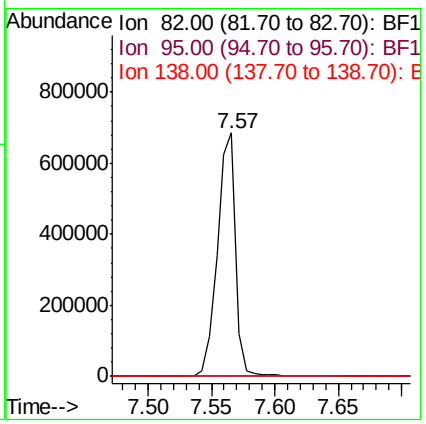


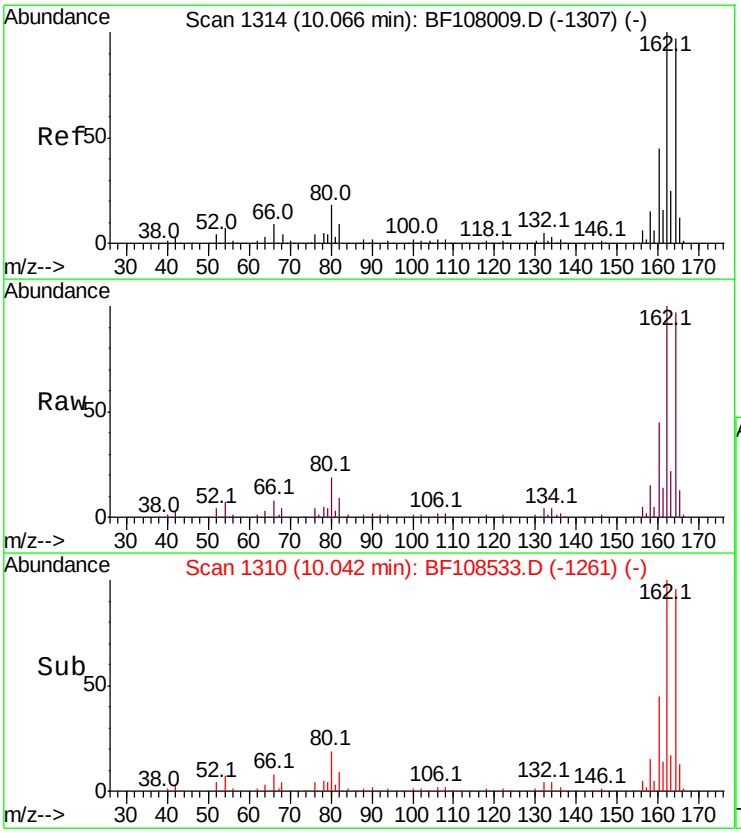
#25
Isophorone
Concen: 54.352 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108533.D
Acq: 28 Aug 2018 2:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 689305

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

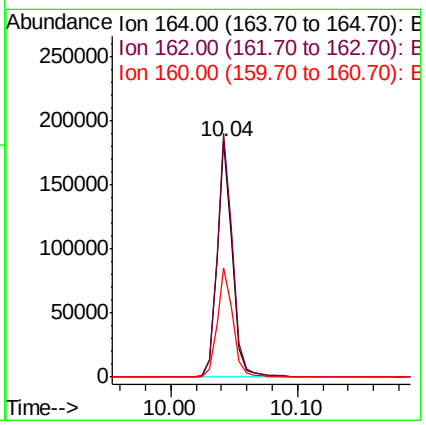


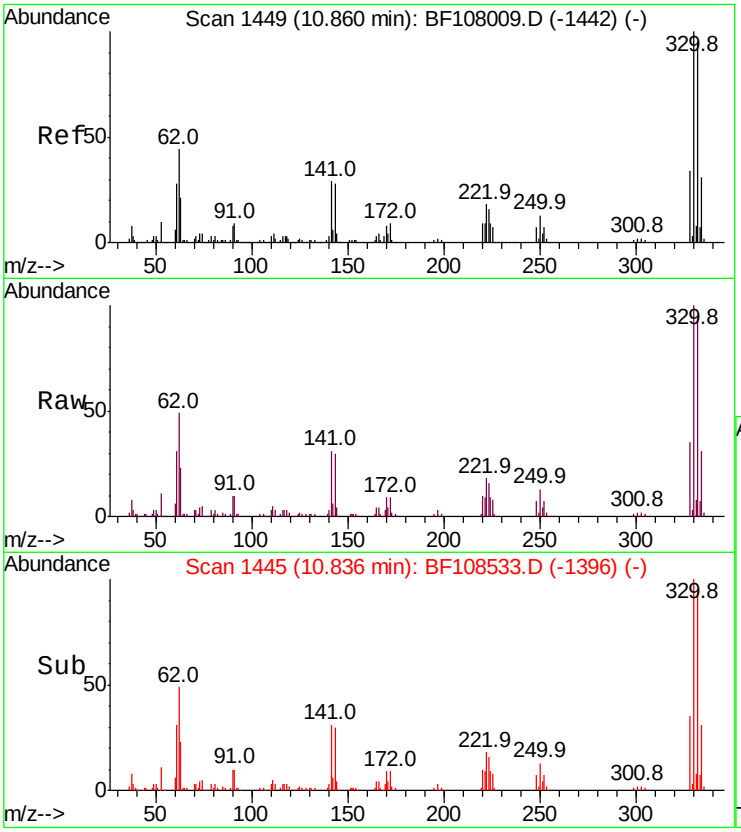


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108533.D
Acq: 28 Aug 2018 2:22

Tgt Ion:164 Resp: 155187

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	46.3	38.3	57.5



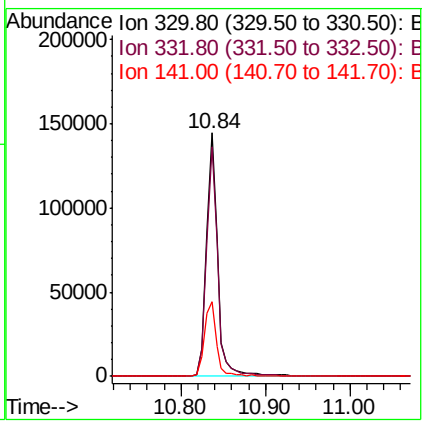


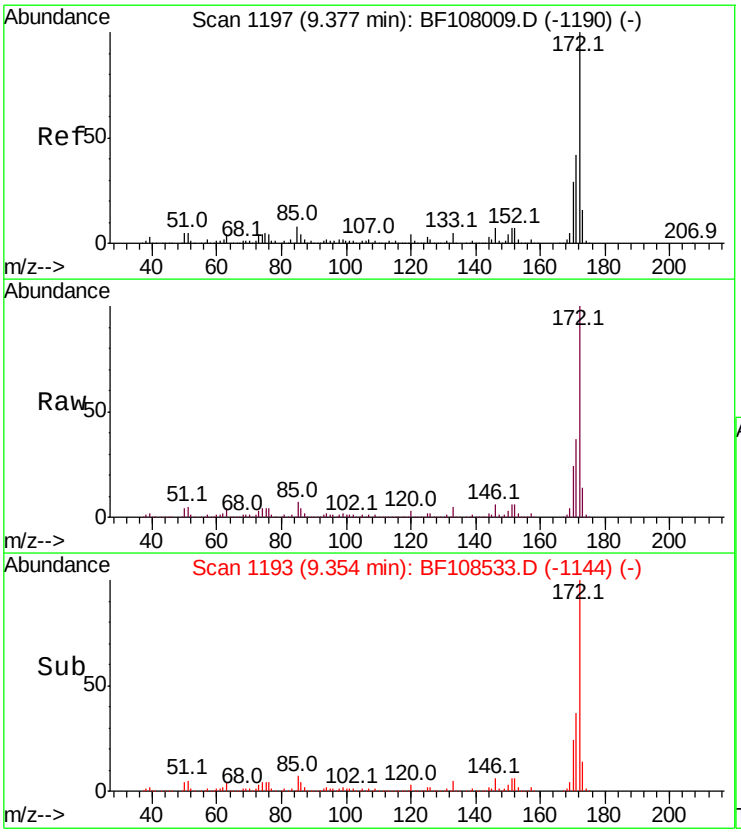
#41
2,4,6-Tribromophenol
Concen: 87.667 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108533.D
Acq: 28 Aug 2018 2:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 135704

Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	32.4	29.9	44.9

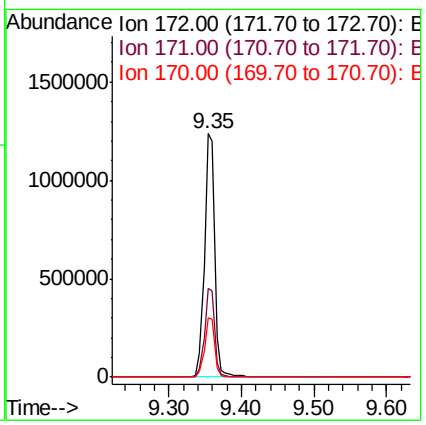


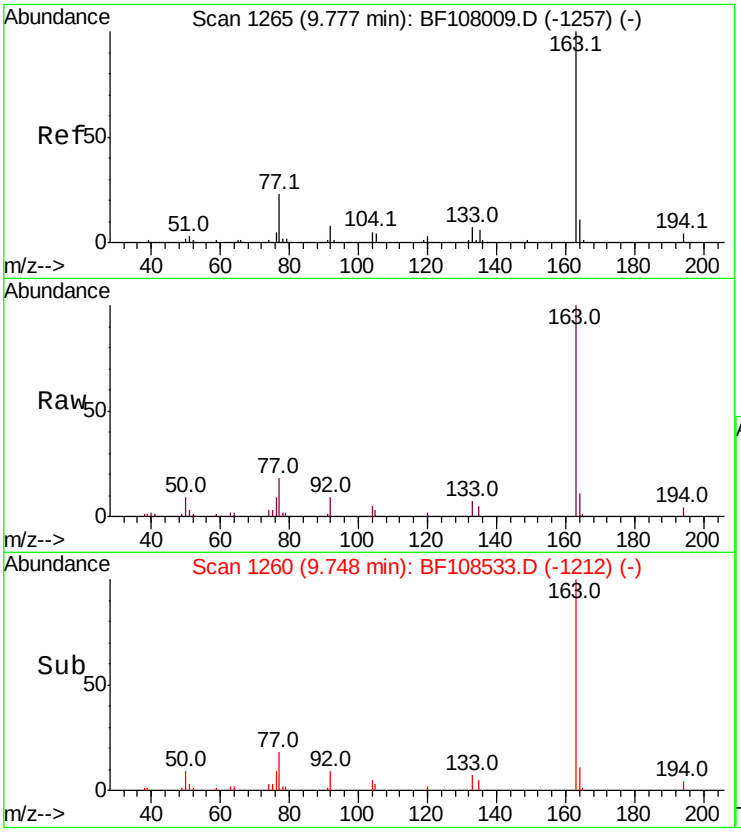


#44
2-Fluorobiphenyl
Concen: 126.309 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108533.D
Acq: 28 Aug 2018 2:22

Tgt Ion:172 Resp: 1220917

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.2	19.6	29.4



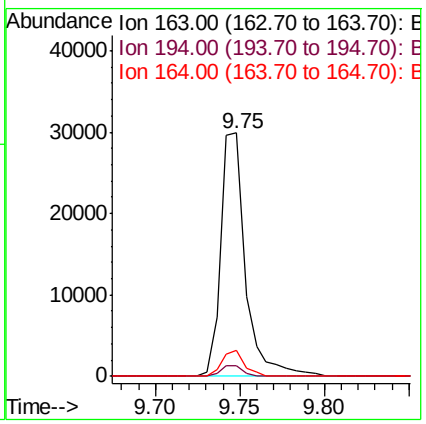


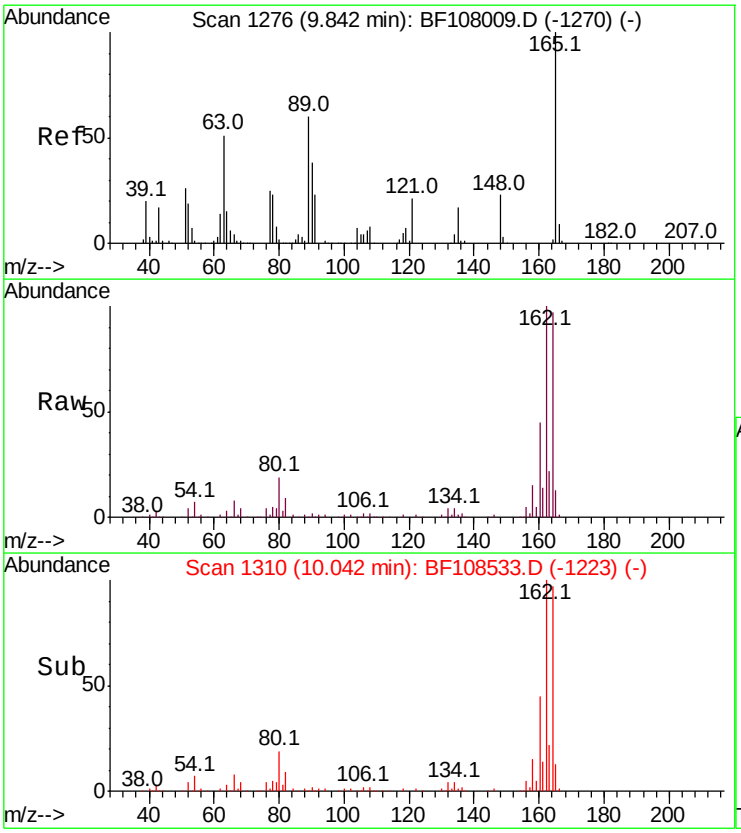
#49
Dimethylphthalate
Concen: 2.832 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108533.D
Acq: 28 Aug 2018 2:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 30617

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	10.8	8.2	12.2

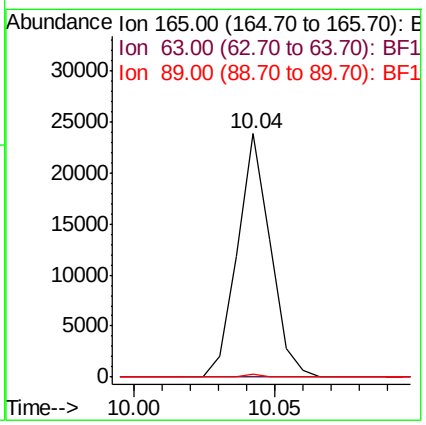


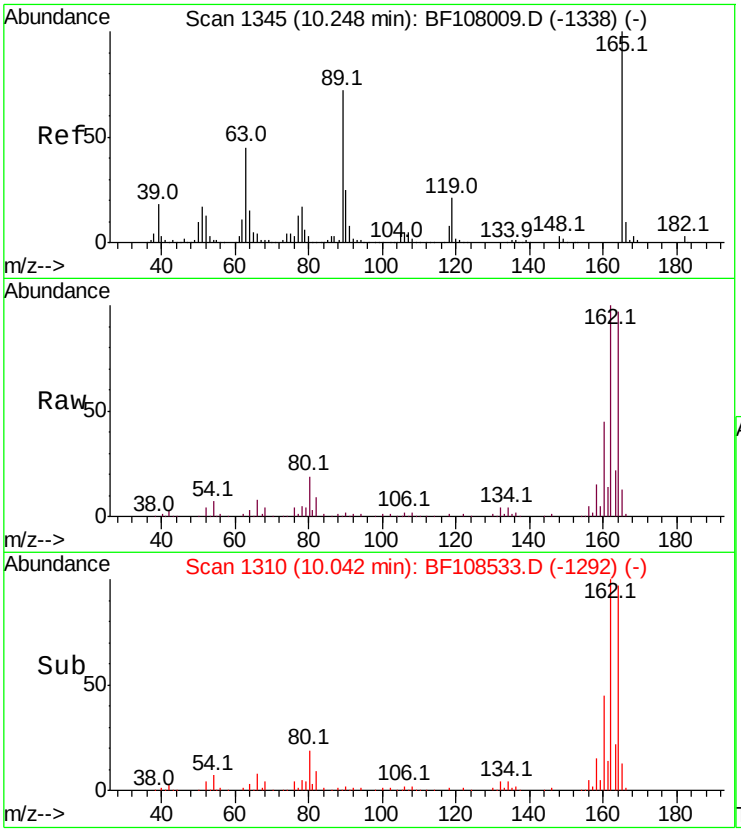


#50
2,6-Dinitrotoluene
Concen: 8.518 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108533.D
Acq: 28 Aug 2018 2:22

Tgt Ion:165 Resp: 19266

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.3	44.0	66.0#



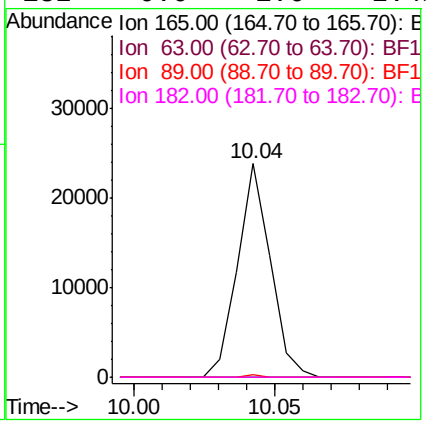


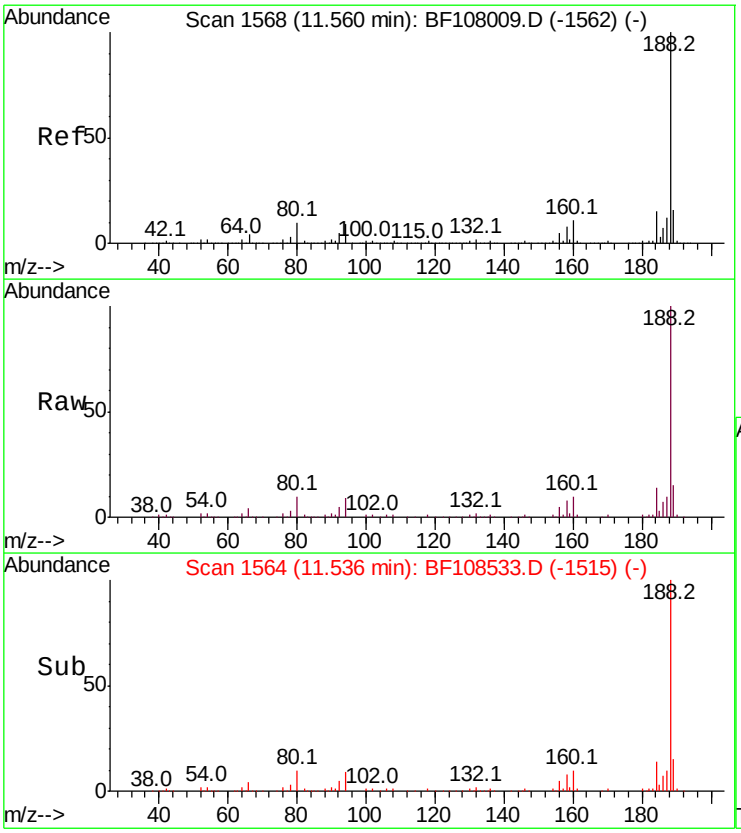
#56
2,4-Dinitrotoluene
Concen: 6.618 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108533.D
Acq: 28 Aug 2018 2:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19266

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

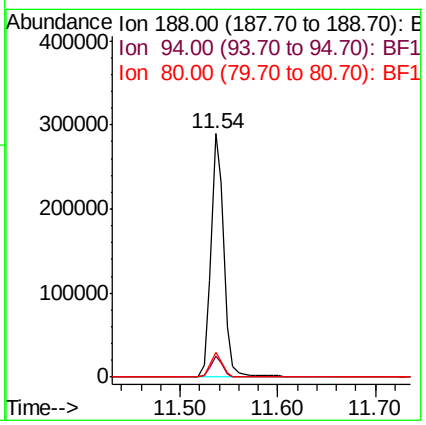


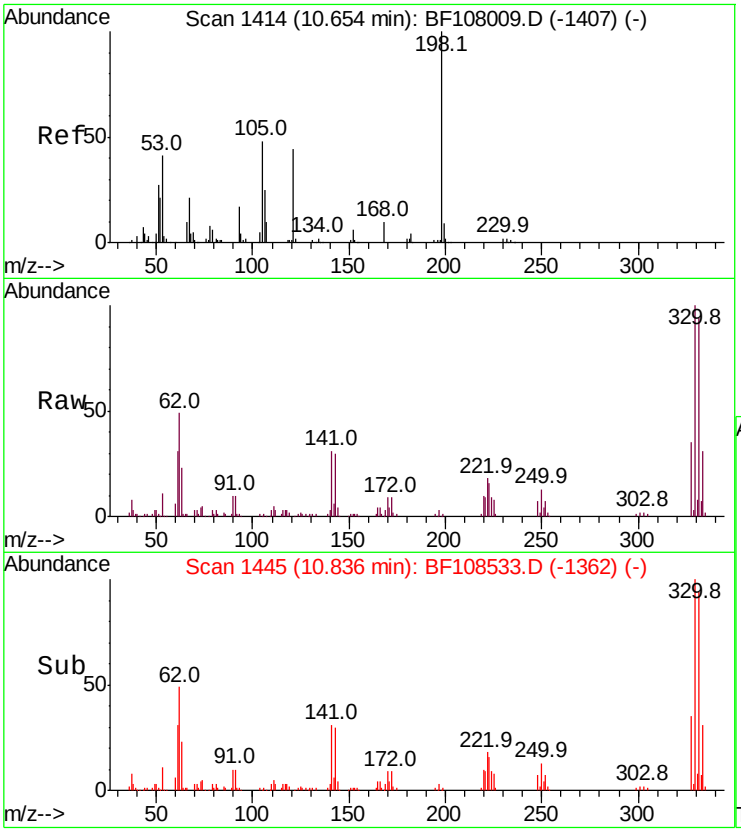


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108533.D
Acq: 28 Aug 2018 2:22

Tgt Ion:188 Resp: 263745

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	10.1	9.2	13.8



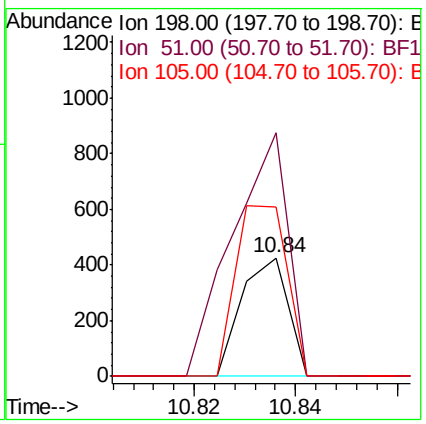


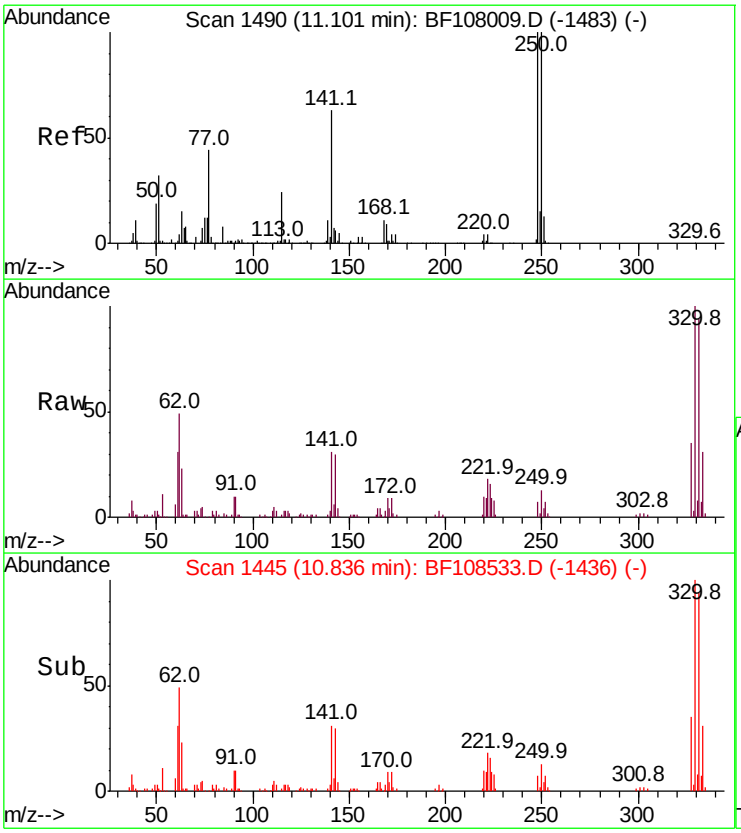
#64
4,6-Dinitro-2-methylphenol
Concen: 5.601 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108533.D
Acq: 28 Aug 2018 2:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 270

Ion	Ratio	Lower	Upper
198	100		
51	205.4	37.7	77.7#
105	143.2	36.3	76.3#

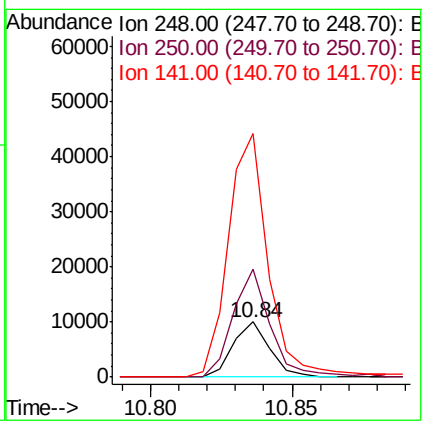


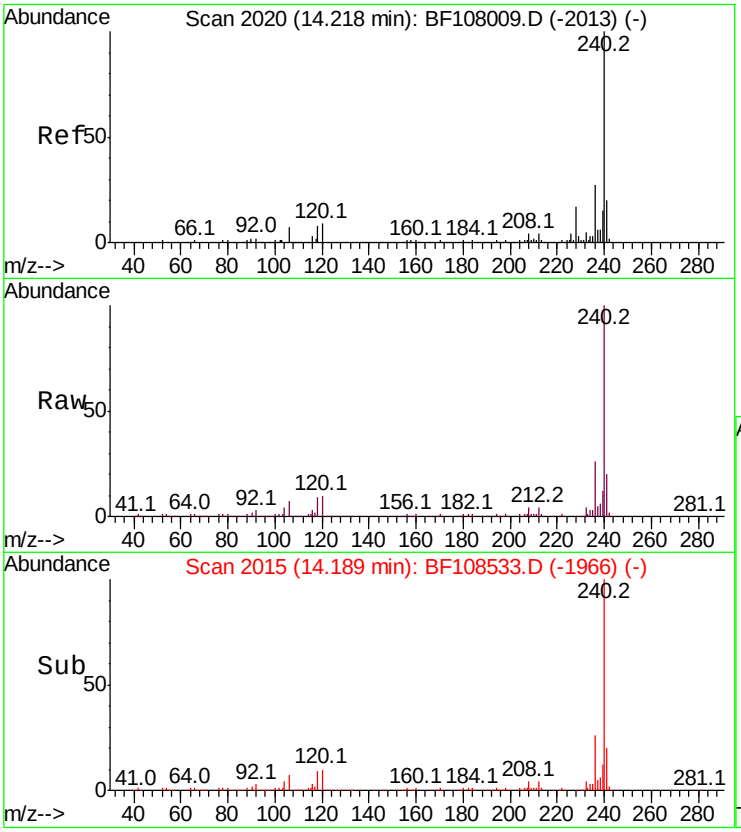


#66
4-Bromophenyl-phenylether
Concen: 3.114 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108533.D
Acq: 28 Aug 2018 2:22

Tgt Ion:248 Resp: 8925

Ion	Ratio	Lower	Upper
248	100		
250	195.3	76.9	115.3#
141	442.3	74.4	111.6#



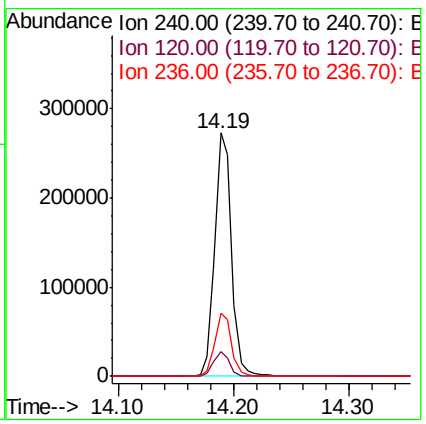


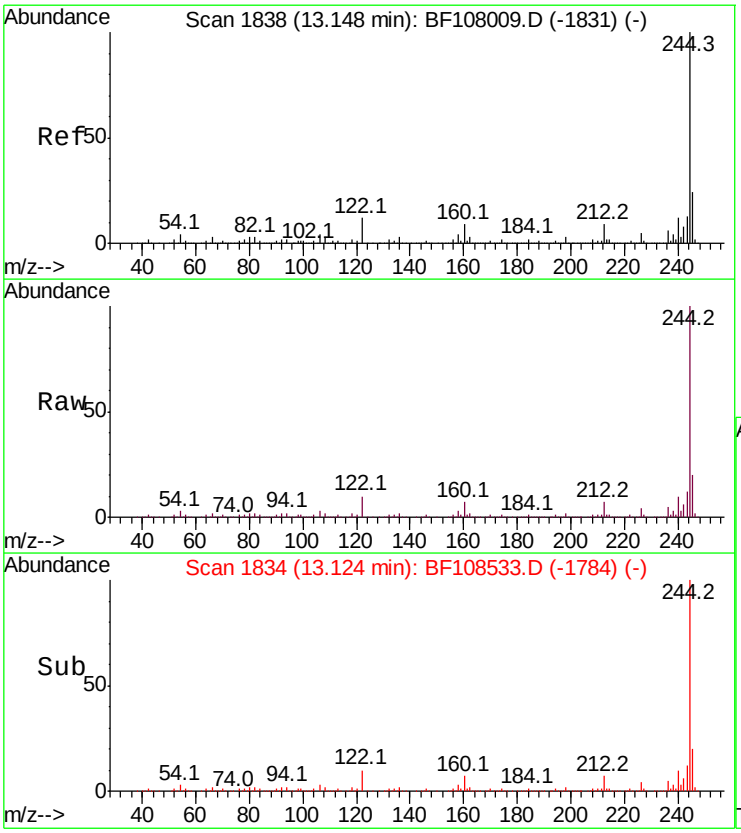
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108533.D
Acq: 28 Aug 2018 2:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 274689

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	26.0	20.7	31.1

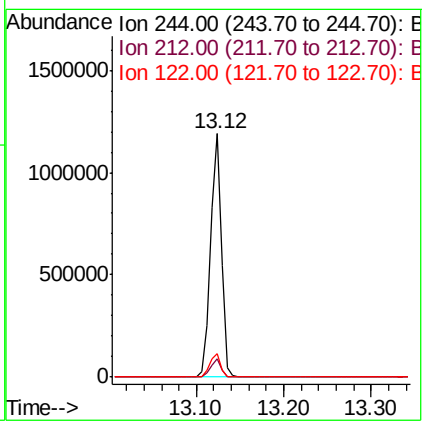


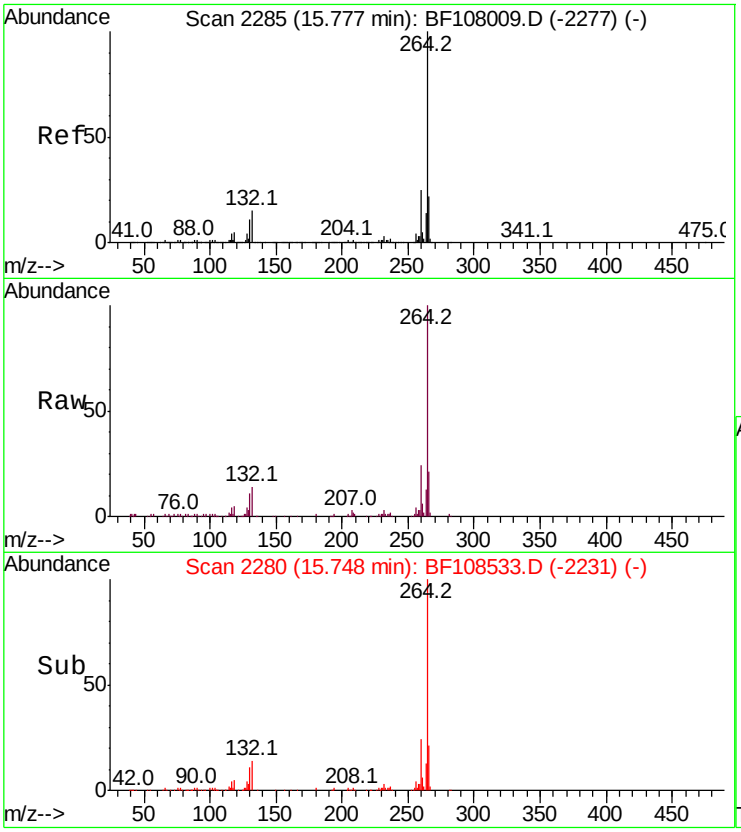


#78
Terphenyl-d14
Concen: 95.385 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108533.D
Acq: 28 Aug 2018 2:22

Tgt Ion:244 Resp: 1030503

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	9.7	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: BF108533.D
Acq: 28 Aug 2018 2:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 187208

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	17.5	26.3