Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108547.D
Acq On : 28 Aug 2018 8:39
Operator : JU/SJ
Sample : J4660-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 28 10:45:18 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	103921	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	352490	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	145340	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	246700	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	267037	20.00	ng	-0.01
86) Perylene-d12	15.74	264	187596	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	272951	47.55	ng	0.00
7) Phenol-d6	6.61	99	226115	29.64	ng	-0.02
23) Nitrobenzene-d5	7.56	82	682559	108.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	136812	94.37	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1214541	134.16	ng	-0.01
78) Terphenyl-d14	13.12	244	1046628	99.65	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.77	77	12422	2.100	ng	# 74
19) n-Nitroso-di-n-propylamine	7.56	70	91383	17.716	ng	# 84
25) Isophorone	7.56	82	682555	56.690	ng	# 64
49) Dimethylphthalate	9.74	163	33537	3.313	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	17754	8.382	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	17754	6.512	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.83	198	108	5.462	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	9095	3.392	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108547.D
Acq On : 28 Aug 2018 8:39
Operator : JU/SJ
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Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 28 10:45:18 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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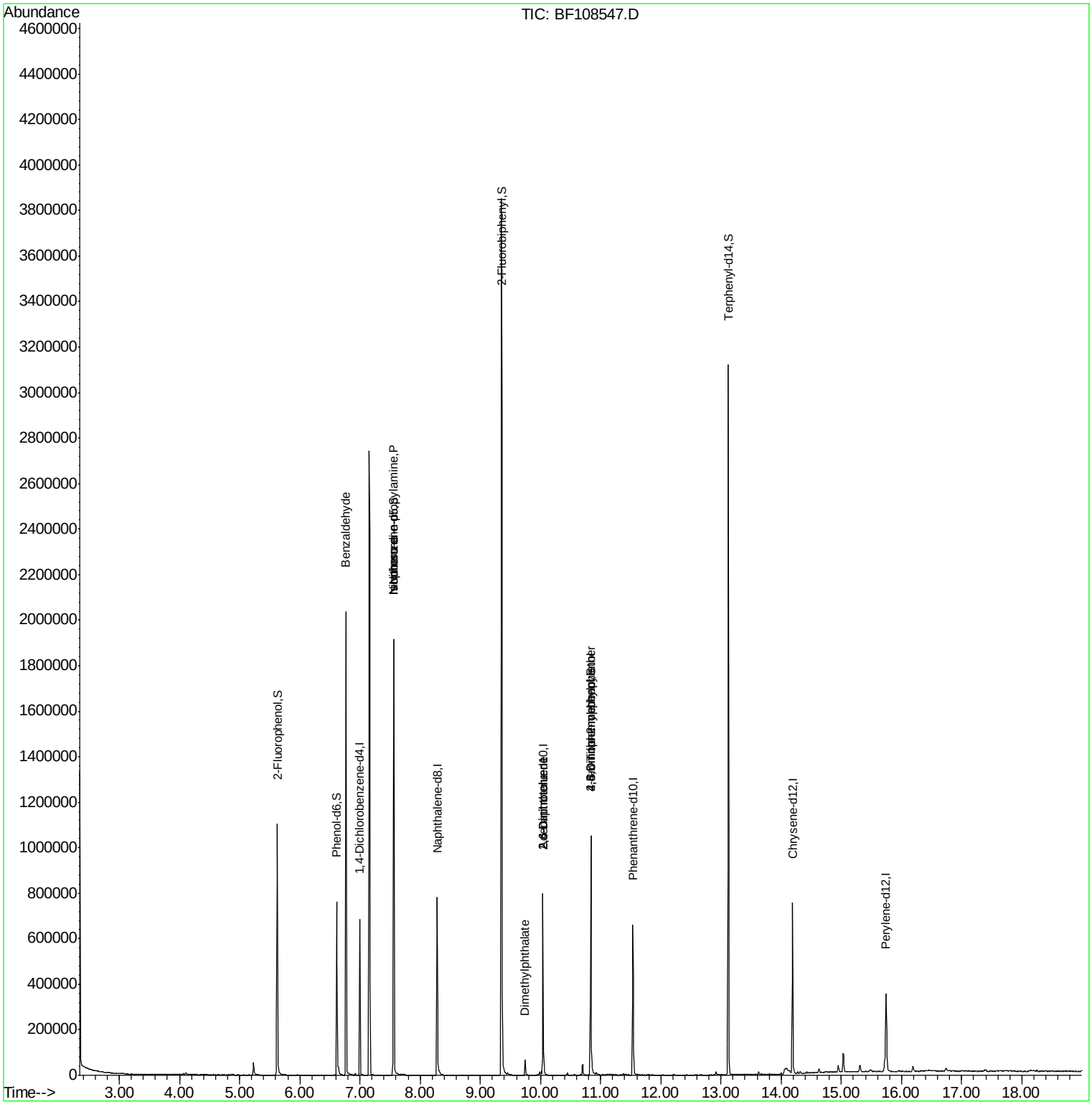
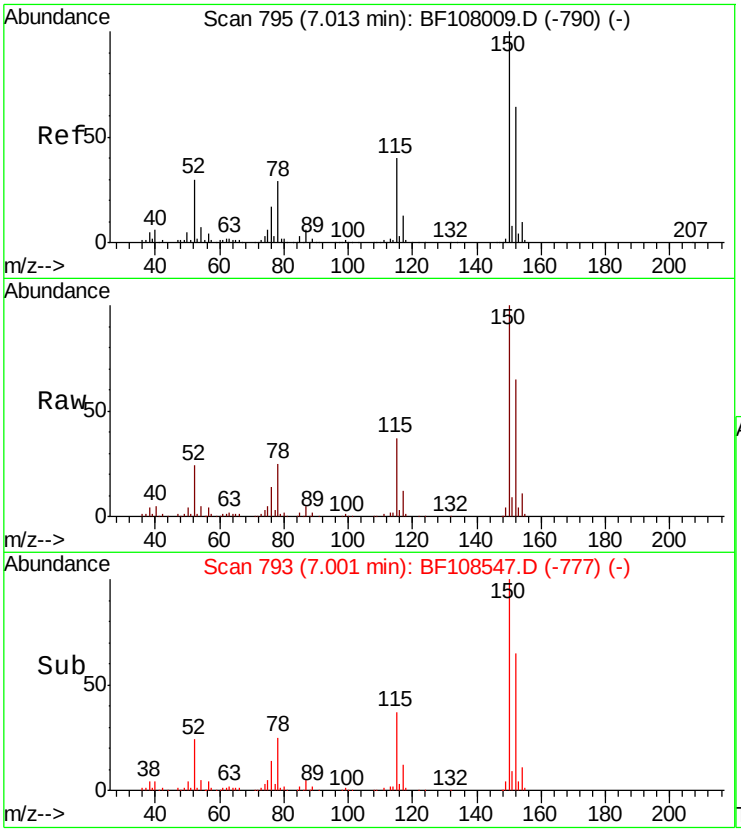


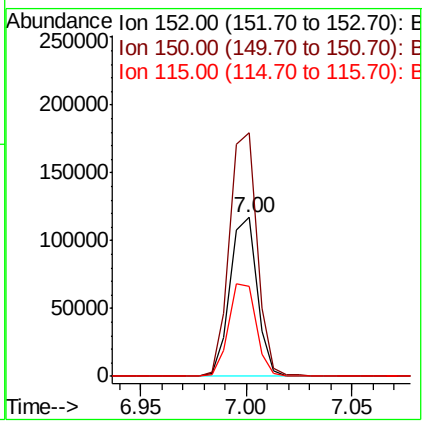


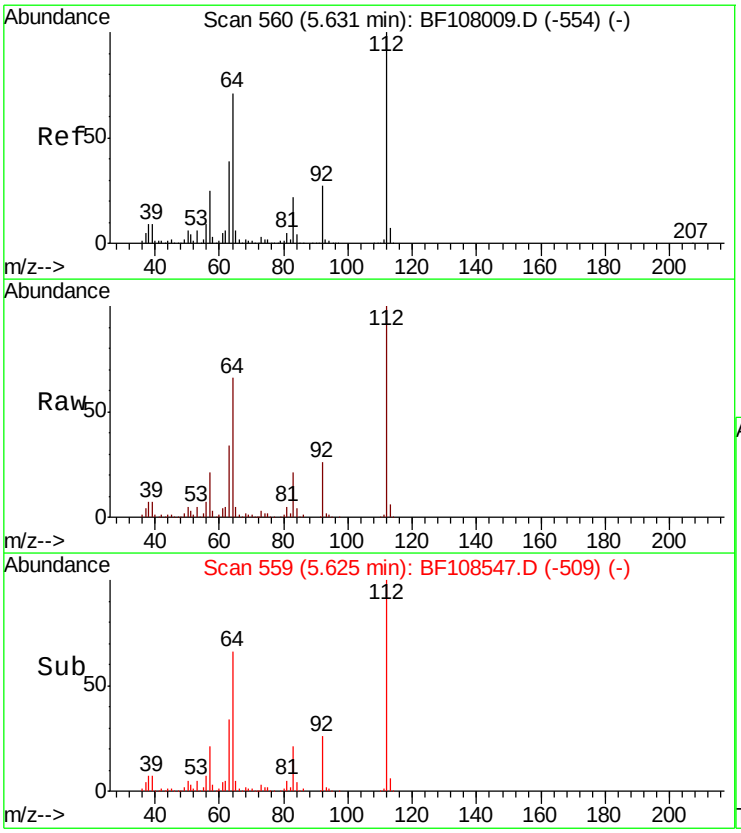
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 103921

Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	186.8
115	57.0	50.1	75.1

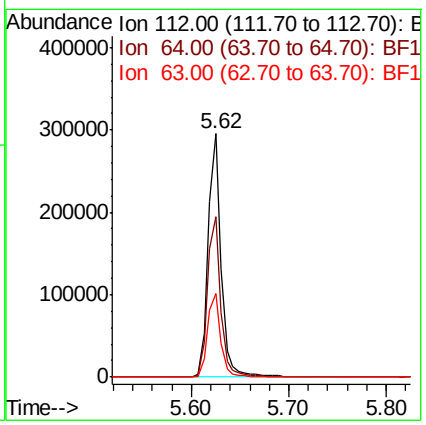


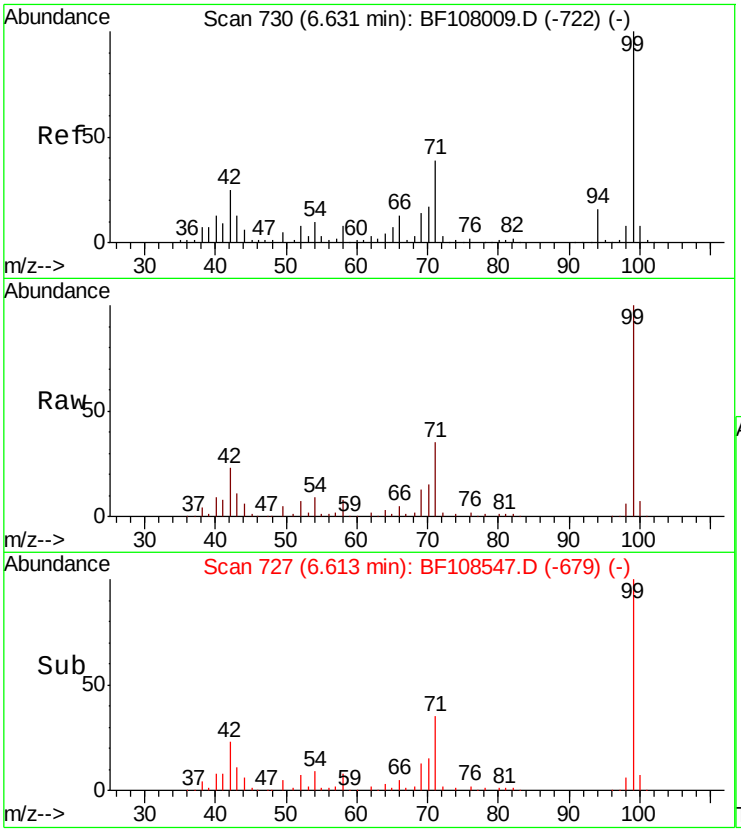


#5
2-Fluorophenol
Concen: 47.552 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

Tgt Ion:112 Resp: 272951

Ion	Ratio	Lower	Upper
112	100		
64	66.1	47.9	71.9
63	34.1	23.7	35.5



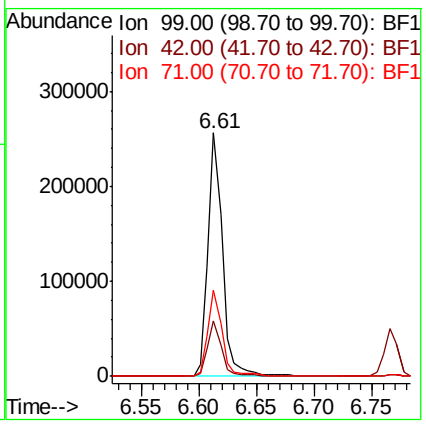


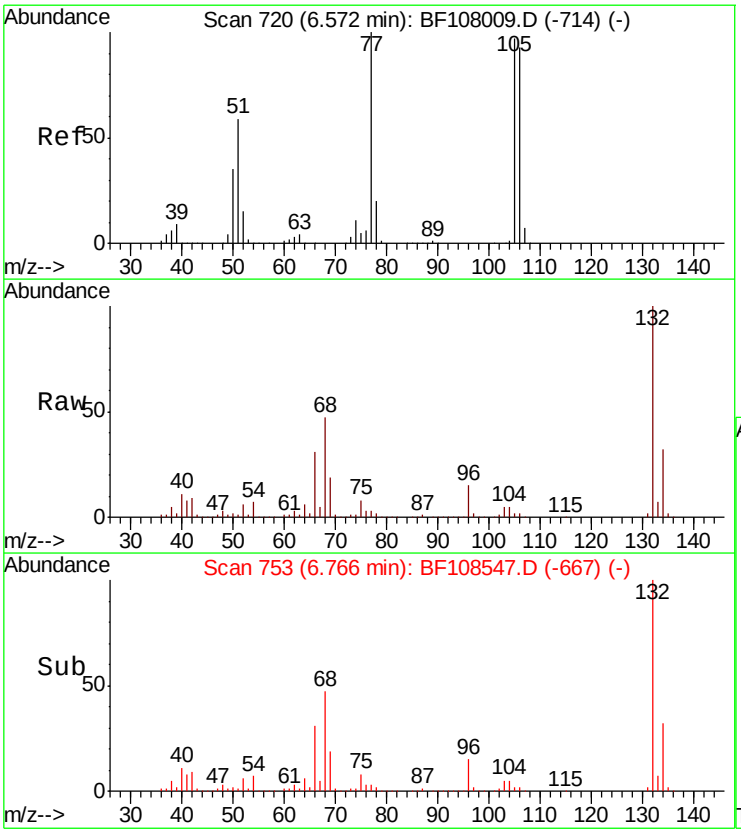
#7
Phenol-d6
Concen: 29.644 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 226115

Ion	Ratio	Lower	Upper
99	100		
42	22.6	14.5	21.7#
71	35.3	25.4	38.0

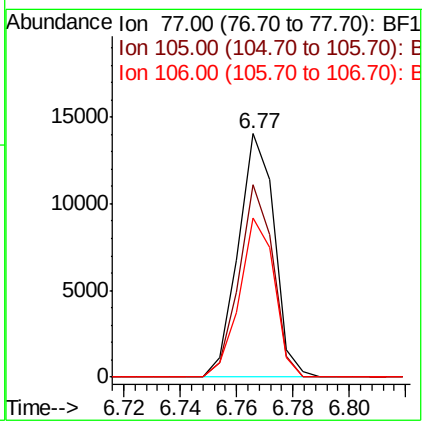


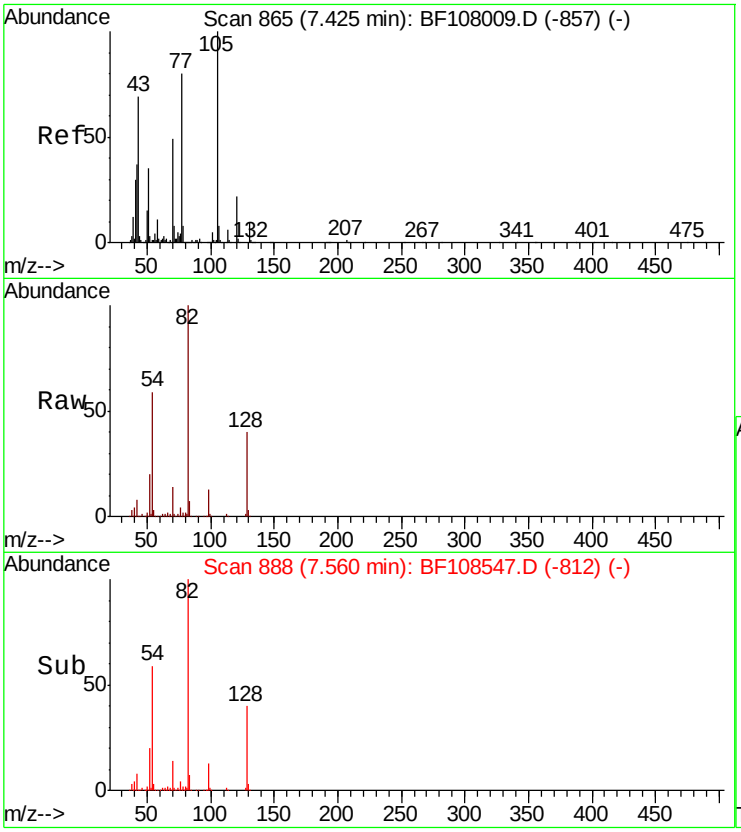


#9
Benzaldehyde
Concen: 2.100 ng
RT: 6.77 min Scan# 753
Delta R.T. 0.21 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

Tgt Ion: 77 Resp: 12422

Ion	Ratio	Lower	Upper
77	100		
105	78.8	81.1	121.1#
106	65.4	74.5	114.5#



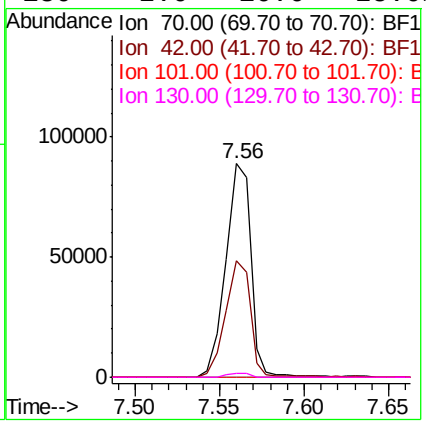


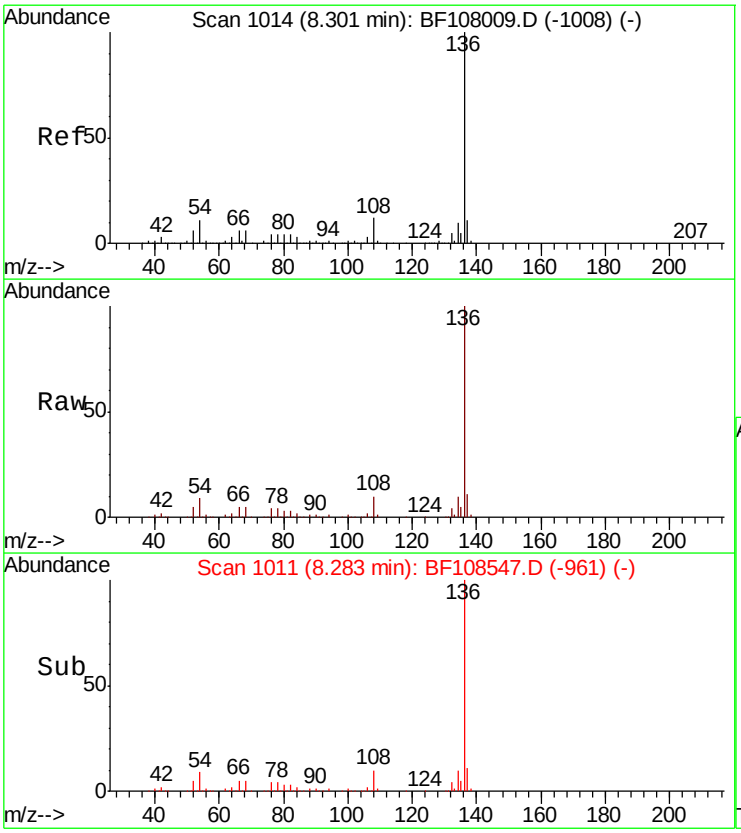
#19
n-Nitroso-di-n-propylamine
Concen: 17.716 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.15 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 91383

Ion	Ratio	Lower	Upper
70	100		
42	54.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

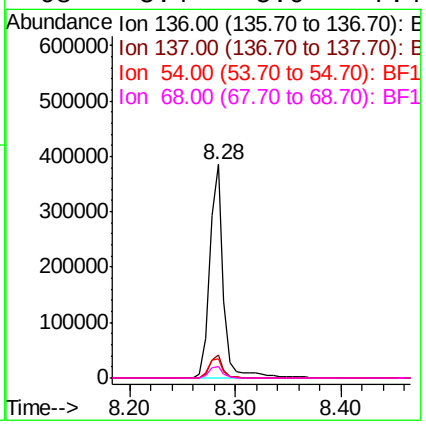


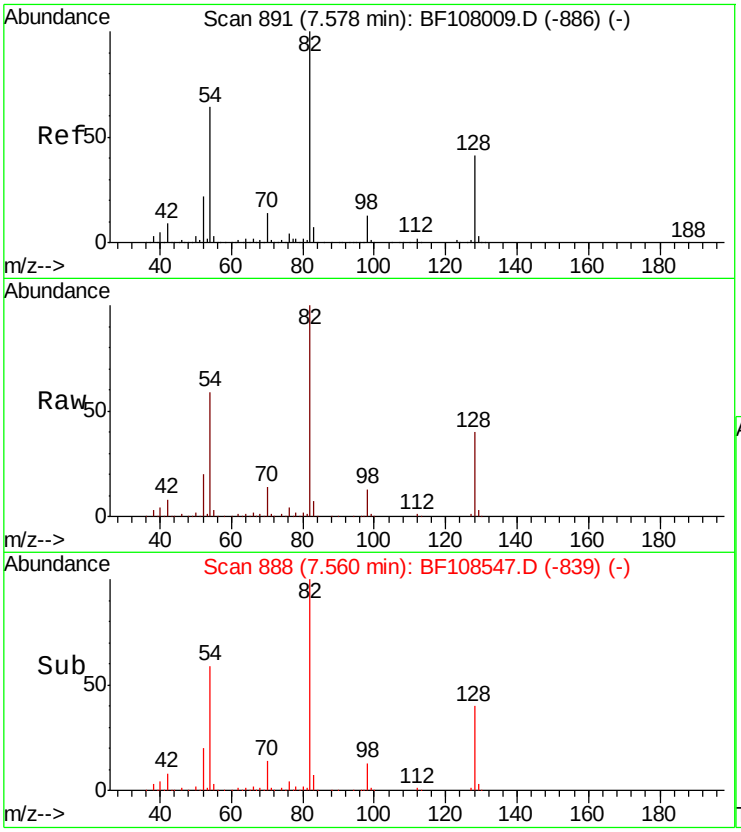


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

Tgt Ion:136 Resp: 352490

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.9	6.6	9.8
68	5.4	5.0	7.4



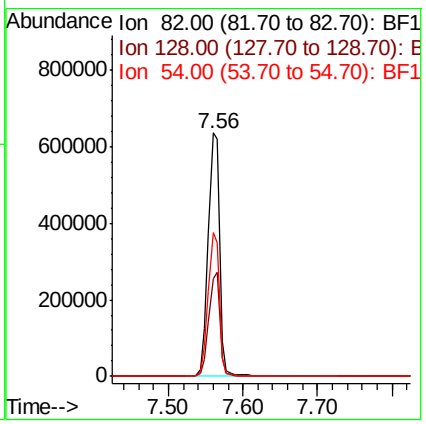


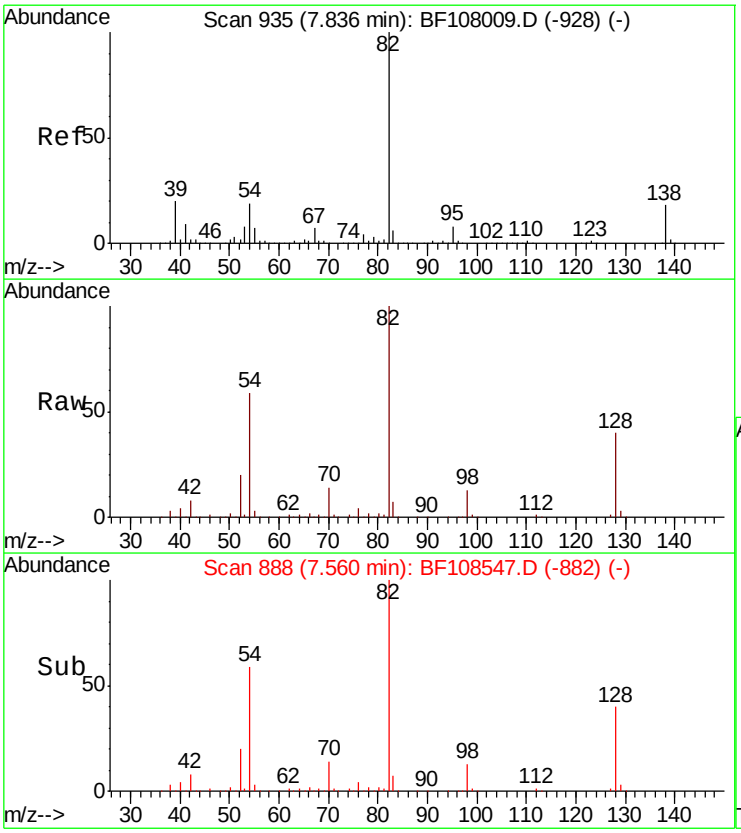
#23
Nitrobenzene-d5
Concen: 108.054 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 682559

Ion	Ratio	Lower	Upper
82	100		
128	40.1	36.1	54.1
54	59.3	41.4	62.2

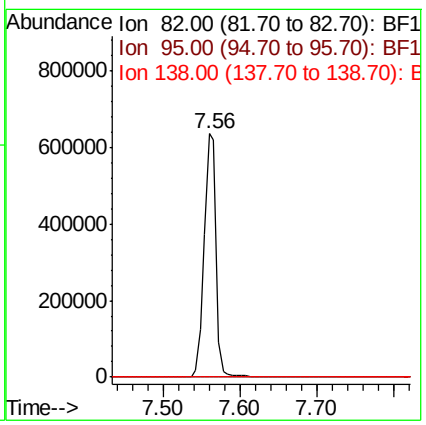


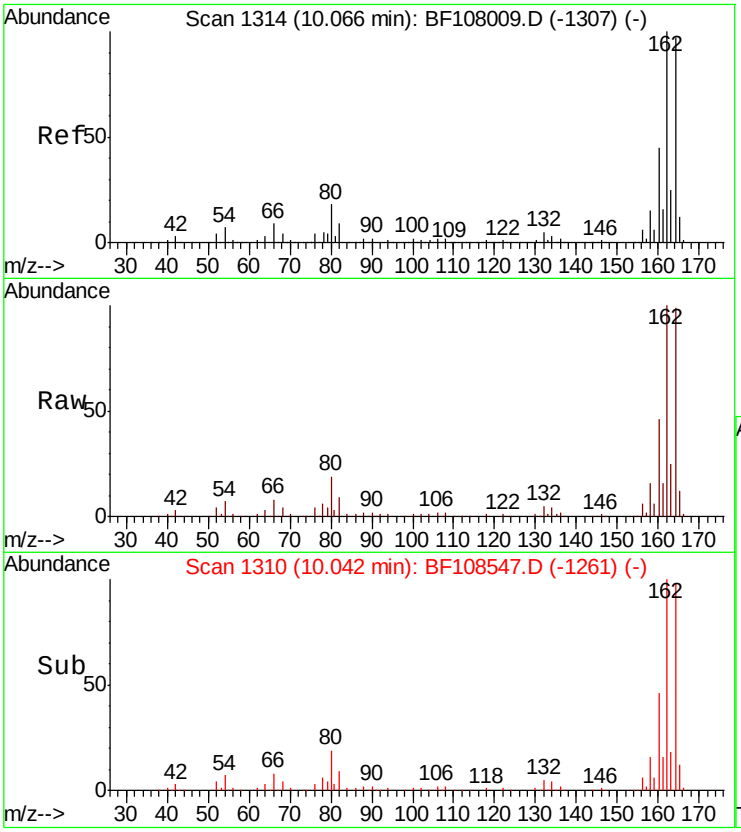


#25
Isophorone
Concen: 56.690 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

Tgt Ion: 82 Resp: 682555

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



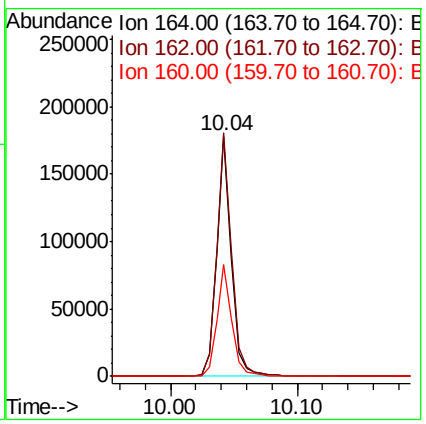


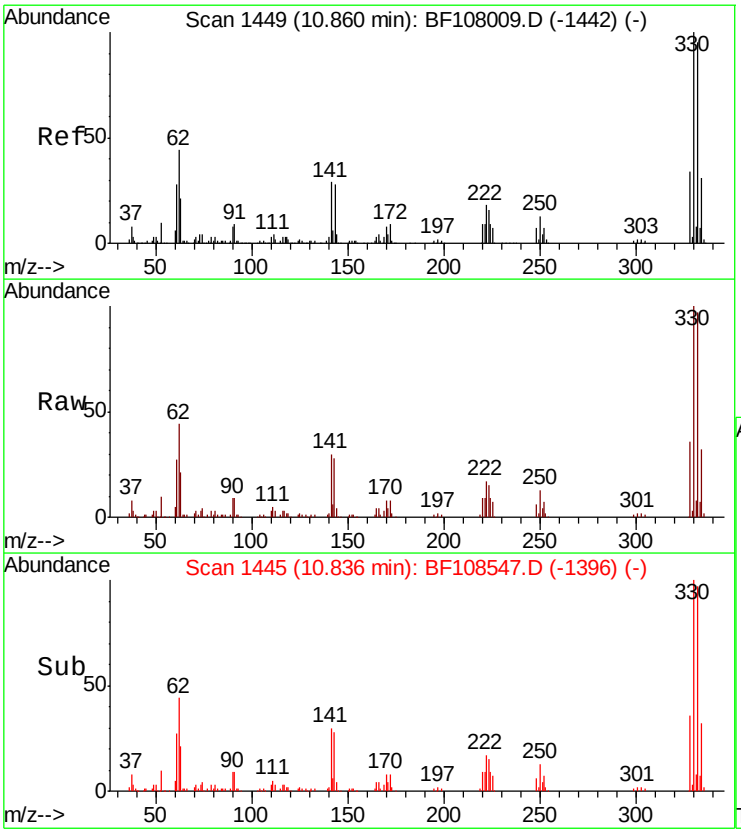
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 145340

Ion	Ratio	Lower	Upper
164	100		
162	101.3	86.1	129.1
160	46.4	38.3	57.5

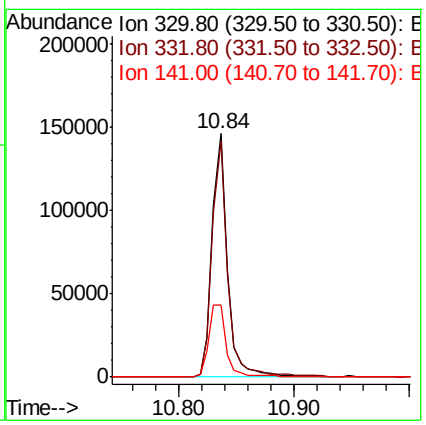


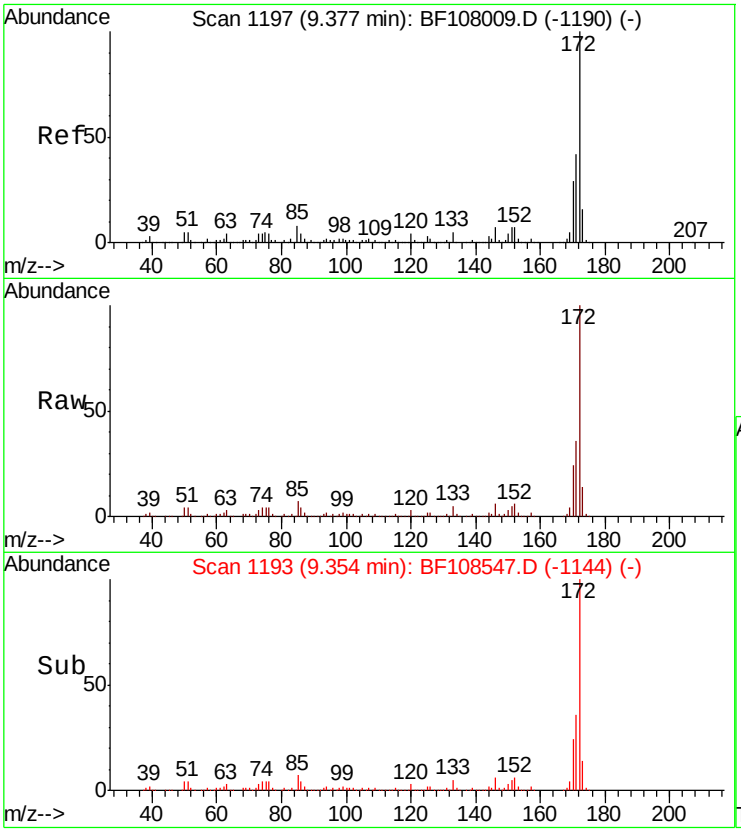


#41
2,4,6-Tribromophenol
Concen: 94.371 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

Tgt Ion:330 Resp: 136812

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	33.5	29.9	44.9



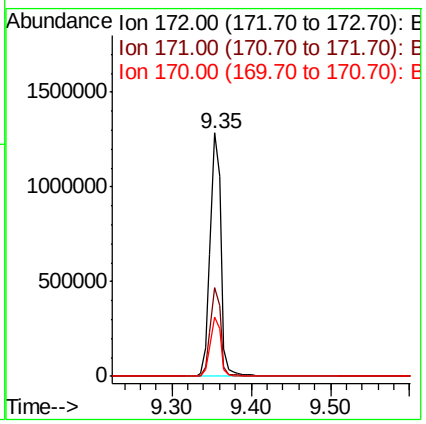


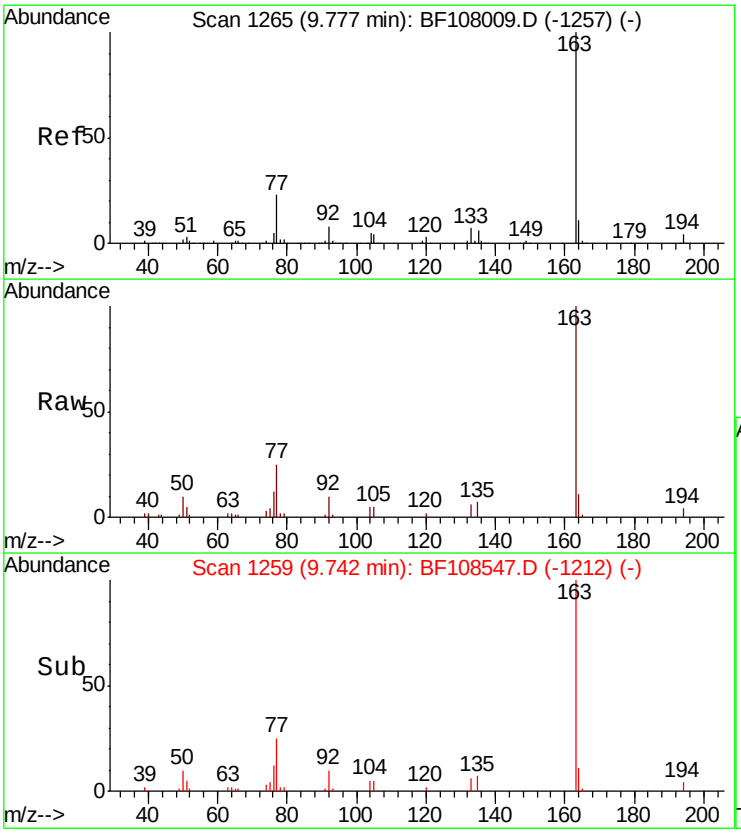
#44
2-Fluorobiphenyl
Concen: 134.162 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1214541

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.5	19.6	29.4

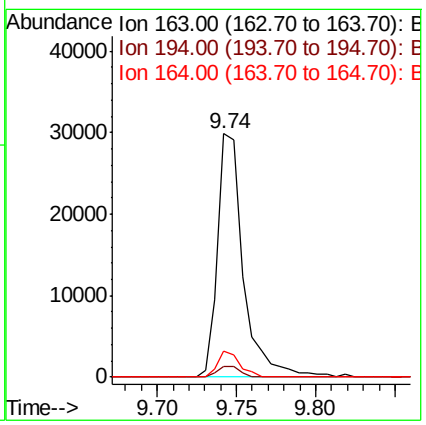


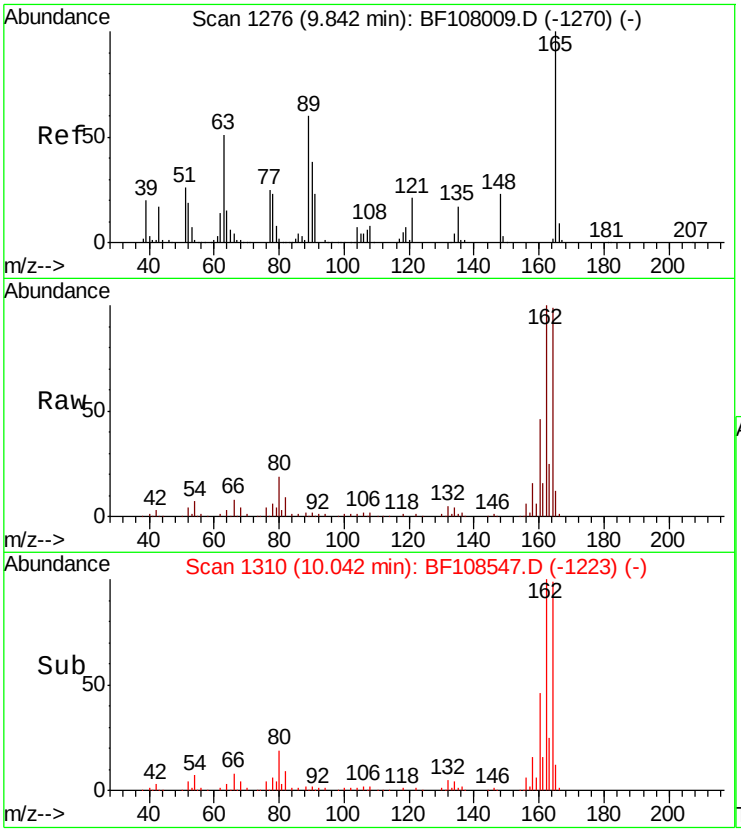


#49
Dimethylphthalate
Concen: 3.313 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

Tgt Ion:163 Resp: 33537

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.6	8.2	12.2



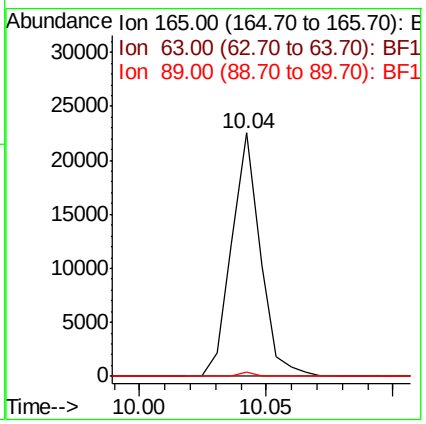


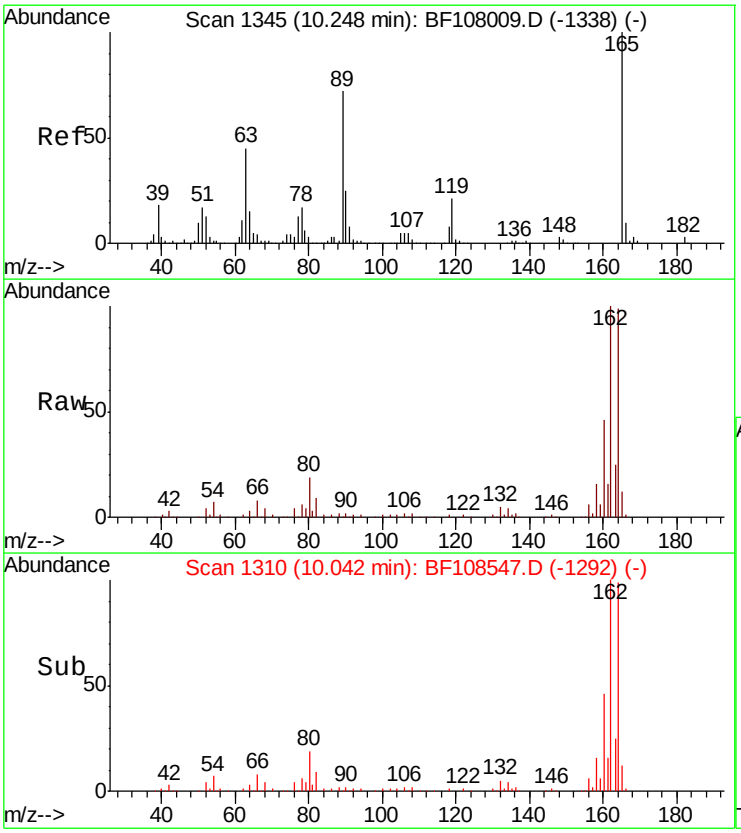
#50
2,6-Dinitrotoluene
Concen: 8.382 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 17754

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.6	44.0	66.0#

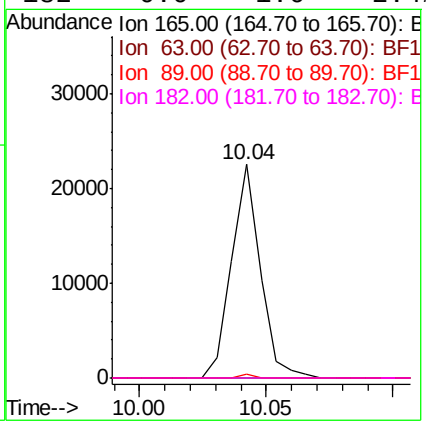


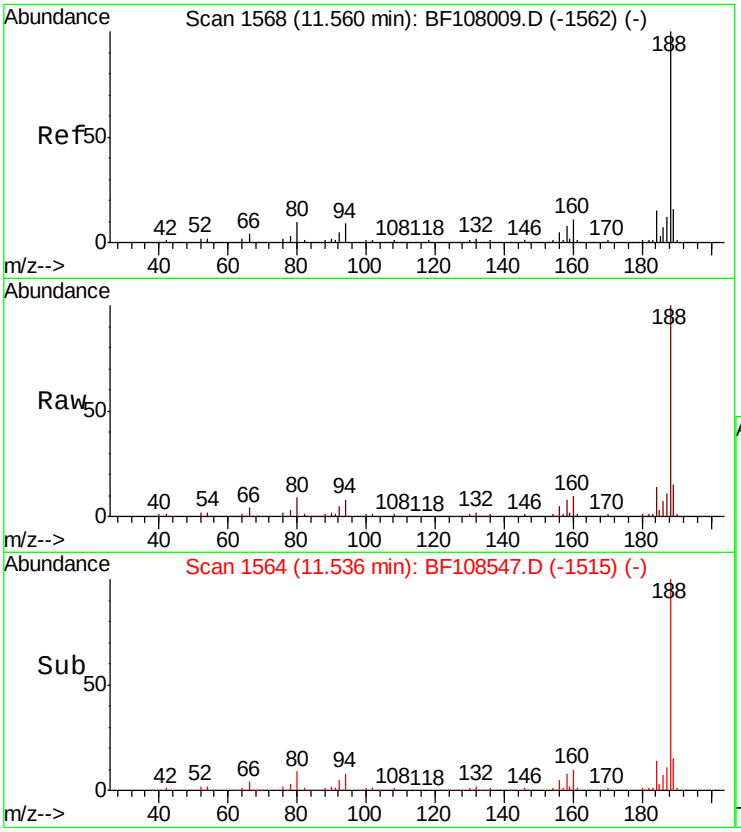


#56
2,4-Dinitrotoluene
Concen: 6.512 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

Tgt Ion:165 Resp: 17754

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



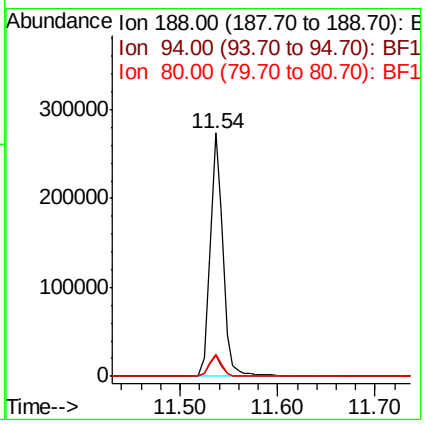


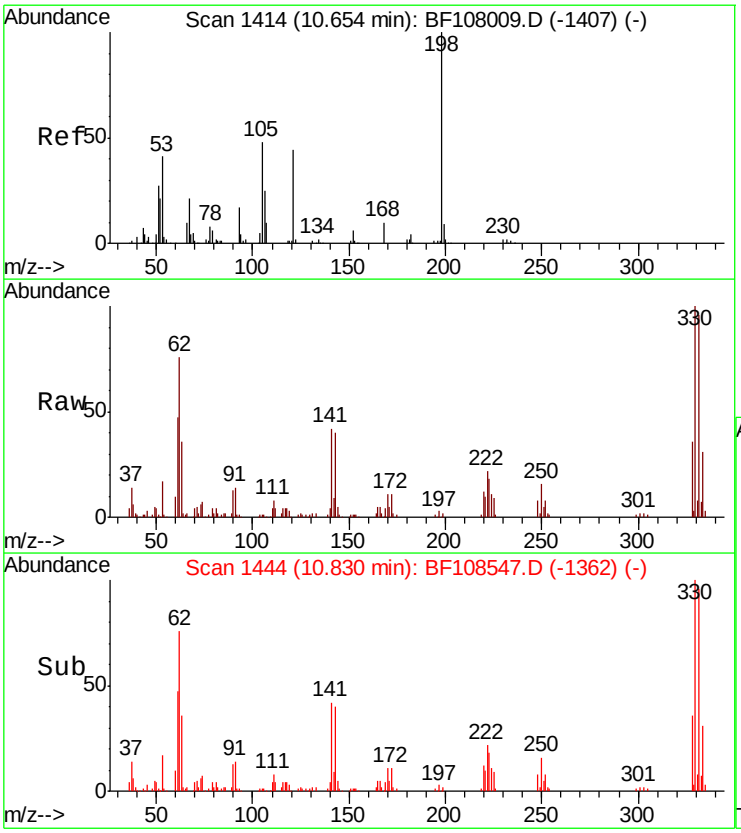
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 246700

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.1	9.2	13.8#

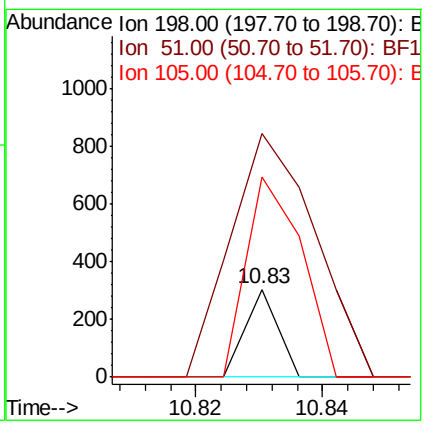


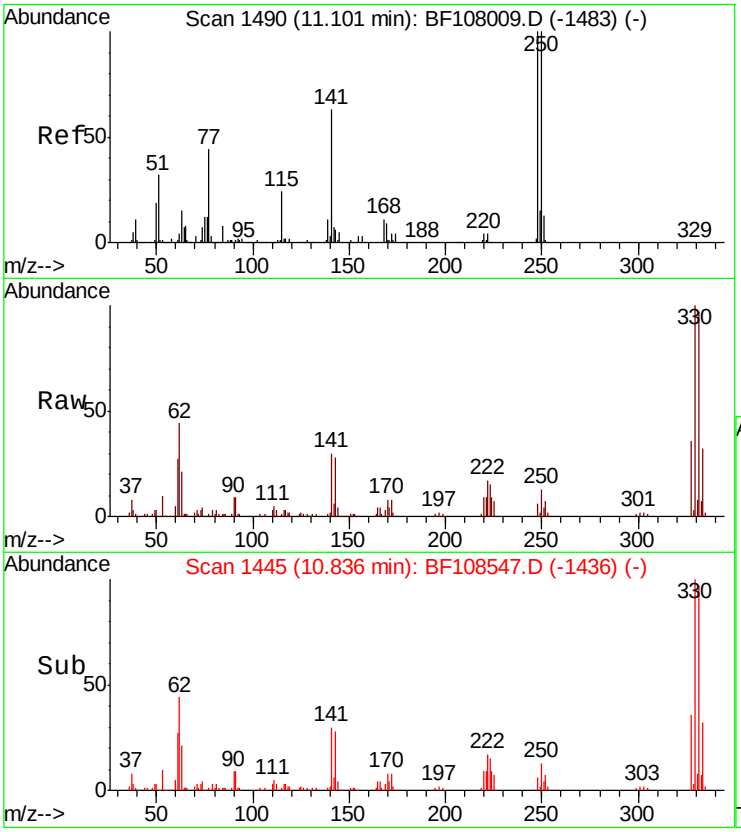


#64
4,6-Dinitro-2-methylphenol
Concen: 5.462 ng
RT: 10.83 min Scan# 1444
Delta R.T. 0.18 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

Tgt Ion:198 Resp: 108

Ion	Ratio	Lower	Upper
198	100		
51	276.4	37.7	77.7#
105	226.6	36.3	76.3#



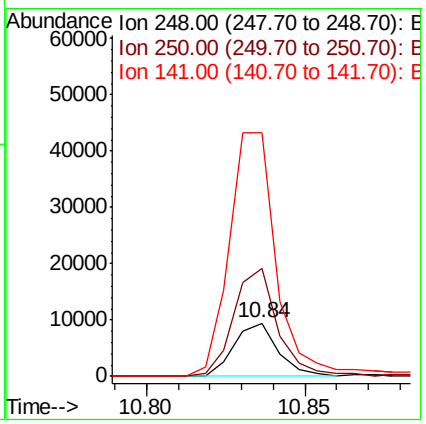


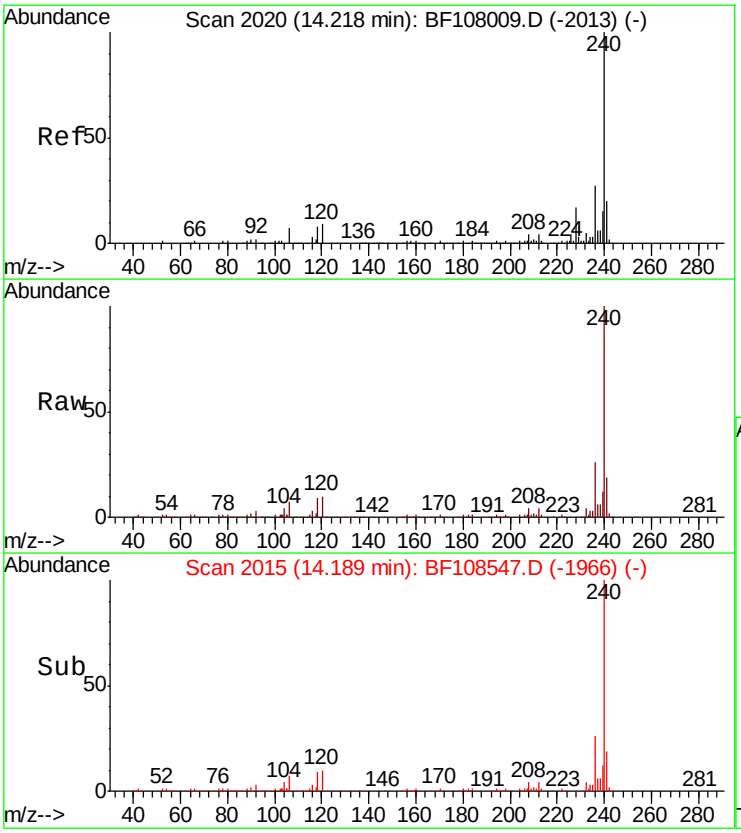
#66
4-Bromophenyl-phenylether
Concen: 3.392 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9095

Ion	Ratio	Lower	Upper
248	100		
250	204.0	76.9	115.3#
141	457.9	74.4	111.6#

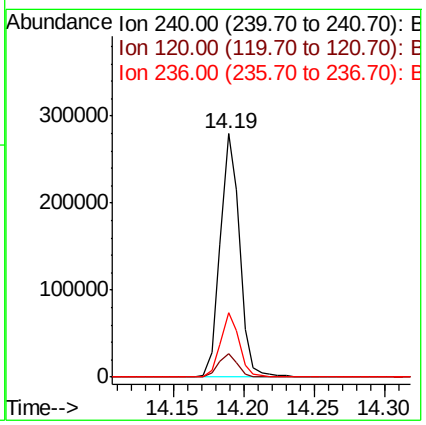


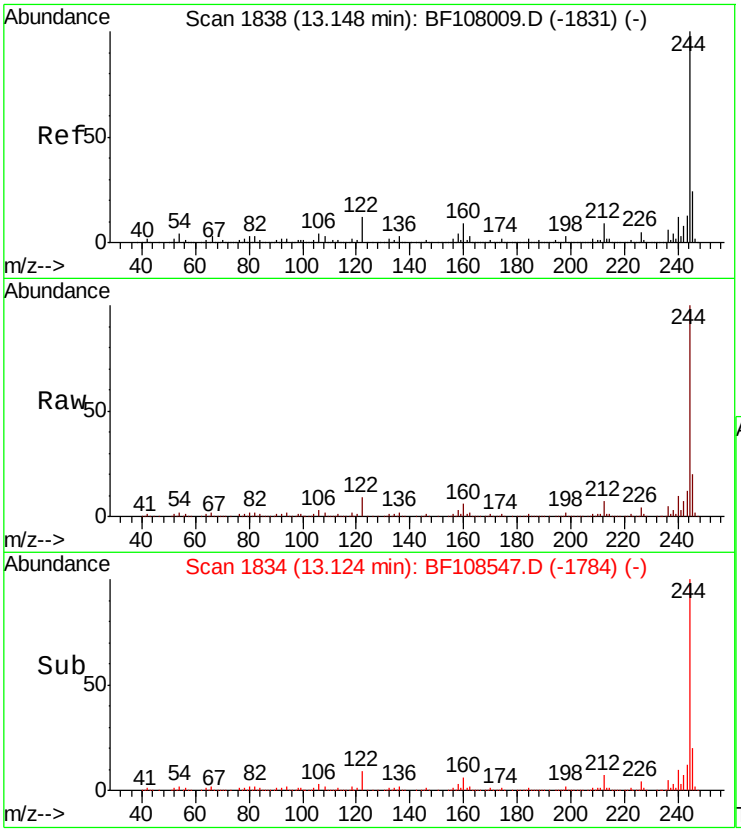


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

Tgt Ion:240 Resp: 267037

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	26.3	20.7	31.1



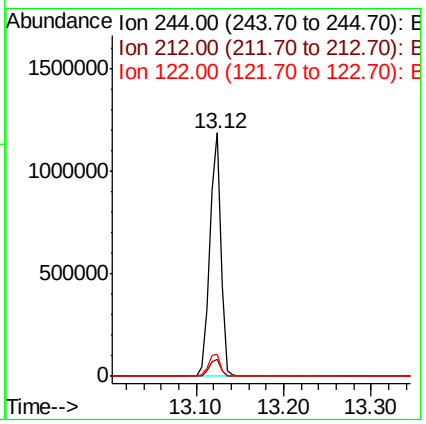


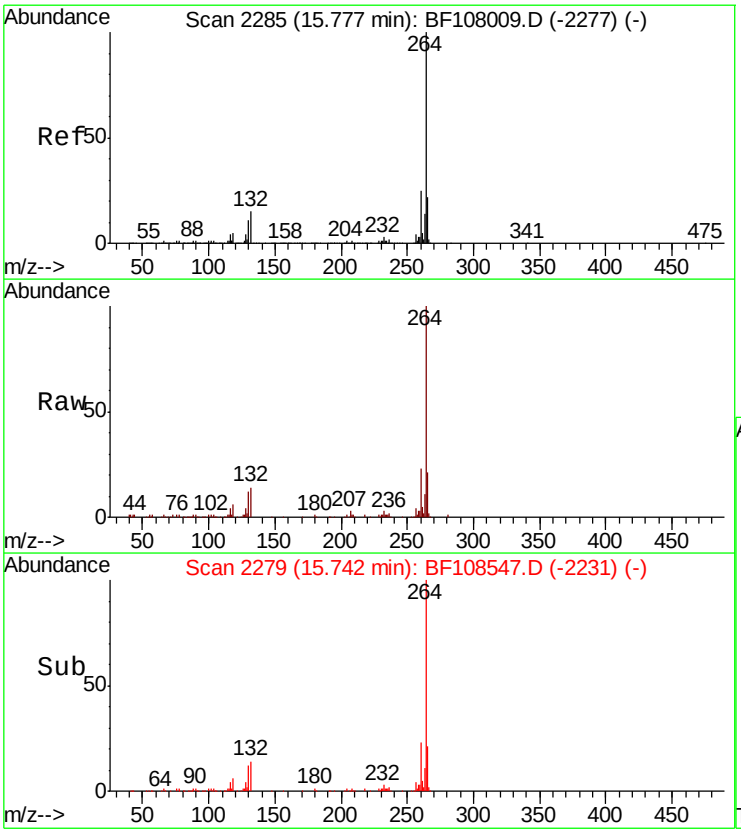
#78
Terphenyl-d14
Concen: 99.654 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1046628

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	9.0	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

Tgt Ion:264 Resp: 187596

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.9	17.5	26.3