Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
Data File : BF109535.D
Acq On : 3 Oct 2018 7:07
Operator : JU/SJ
Sample : J5187-14
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 03 09:12:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	95204	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	351486	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	152132	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	261127	20.00	ng	0.00
75) Chrysene-d12	13.83	240	222131	20.00	ng	-0.01
86) Perylene-d12	15.23	264	236036	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	251385	43.49	ng	0.00
7) Phenol-d6	6.34	99	208859	28.32	ng	-0.02
23) Nitrobenzene-d5	7.27	82	658045	110.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	150438	100.31	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1148120	113.82	ng	-0.02
78) Terphenyl-d14	12.79	244	927373	102.46	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	11143	2.352	ng	# 72
19) n-Nitroso-di-n-propylamine	7.26	70	89636	18.547	ng	# 75
25) Isophorone	7.27	82	642045	59.881	ng	# 64
49) Dimethylphthalate	9.45	163	24209	2.188	ng	# 94
50) 2,6-Dinitrotoluene	9.73	165	18817	8.586	ng	# 25
56) 2,4-Dinitrotoluene	9.73	165	18817	6.786	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.51	198	257	6.732	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9039	3.117	ng	# 1

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

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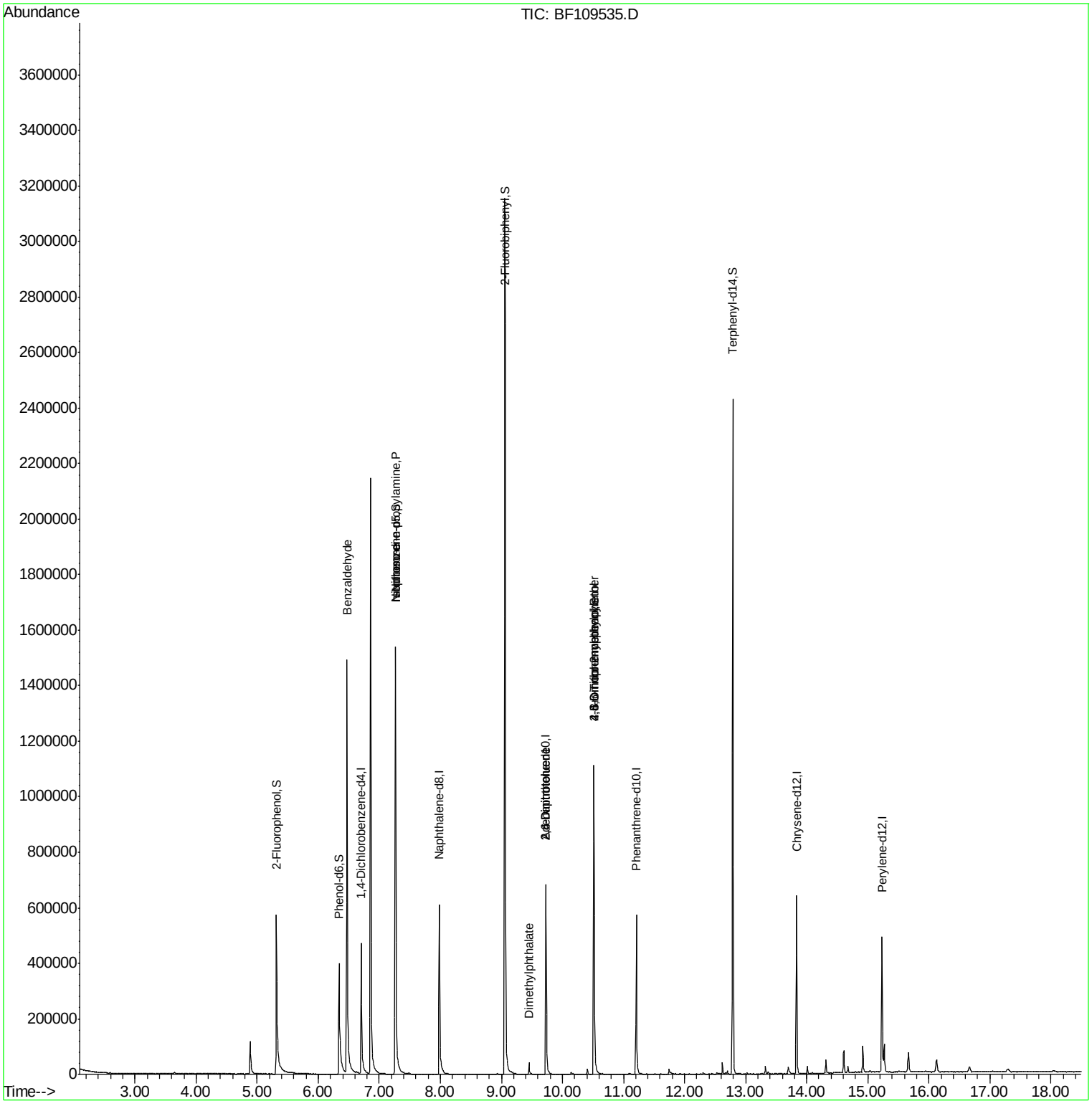
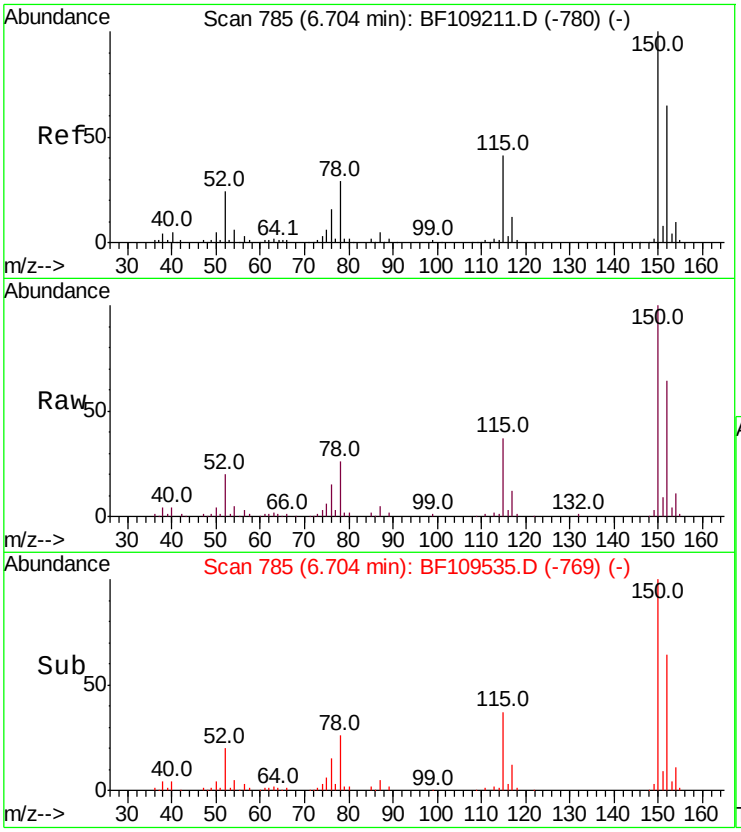


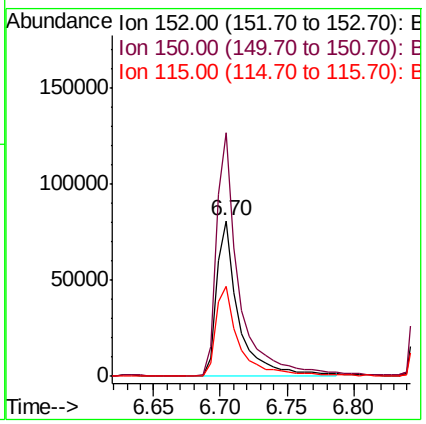


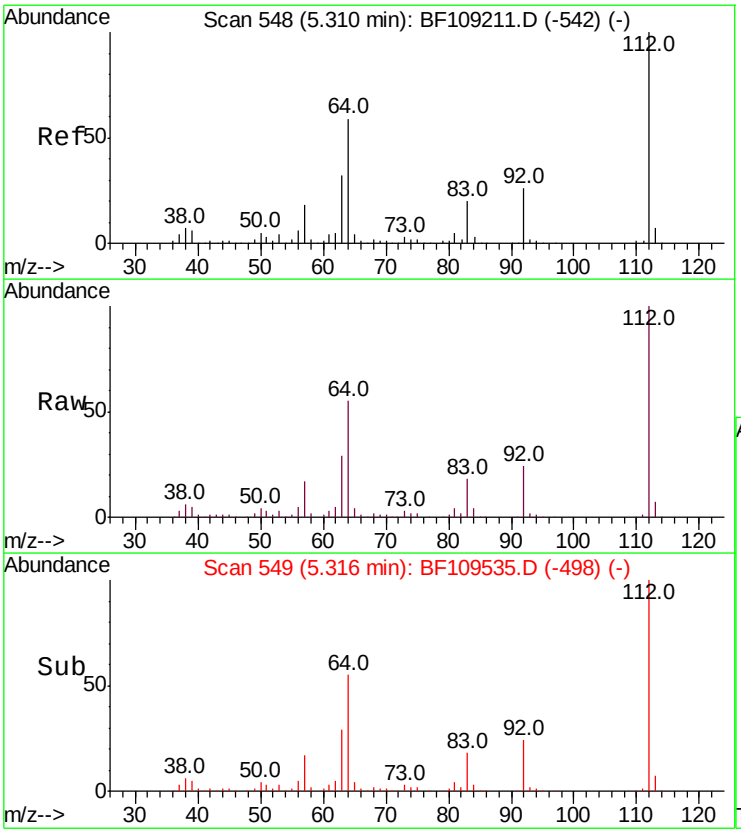
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109535.D
Acq: 3 Oct 2018 7:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 95204

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	57.7	50.1	75.1

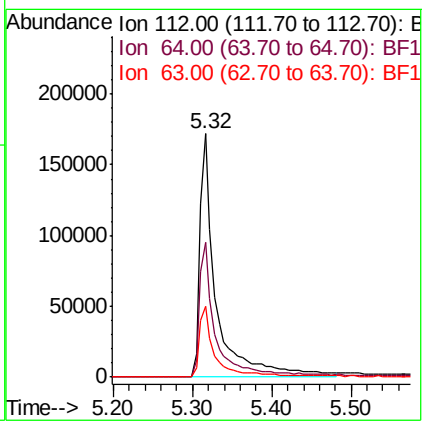


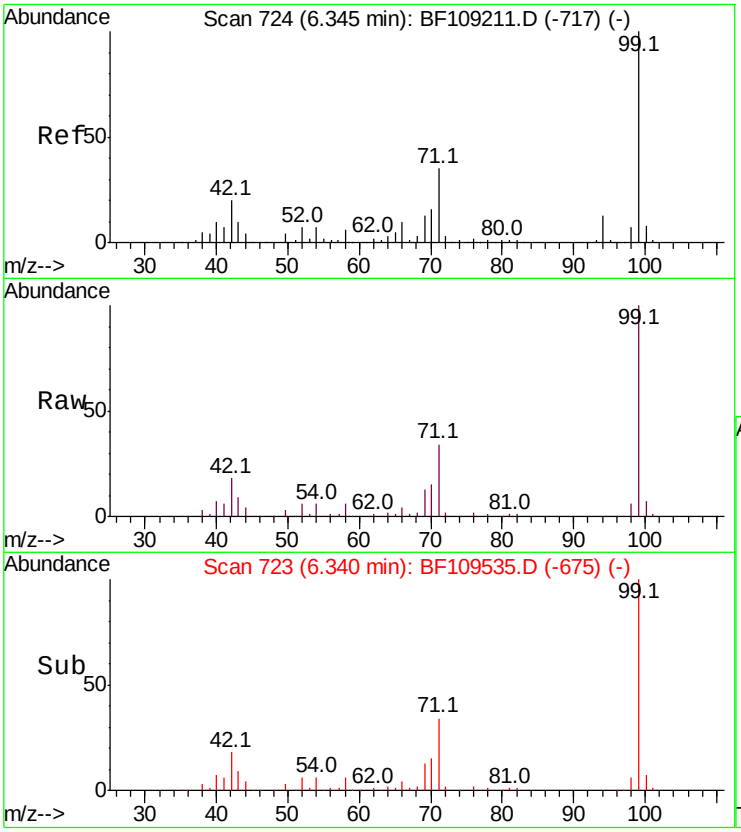


#5
2-Fluorophenol
Concen: 43.491 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109535.D
Acq: 3 Oct 2018 7:07

Tgt Ion:112 Resp: 251385

Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.9	71.9
63	28.9	23.7	35.5



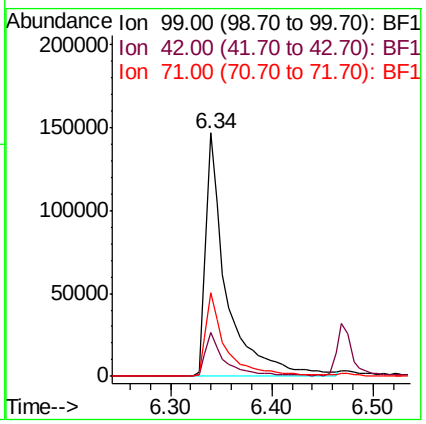


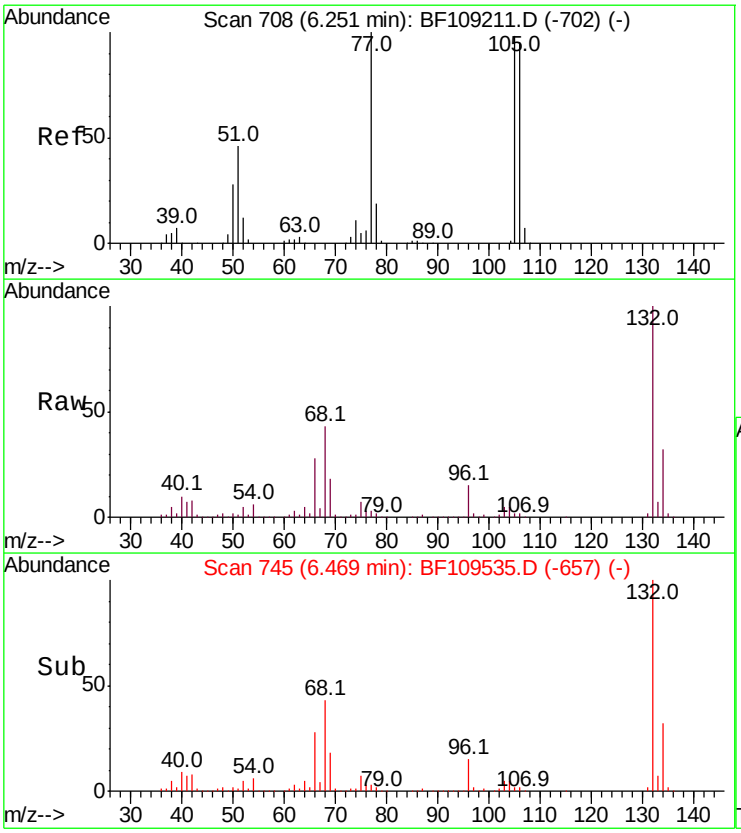
#7
Phenol-d6
Concen: 28.317 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF109535.D
Acq: 3 Oct 2018 7:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 208859

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.5	21.7
71	34.2	25.4	38.0

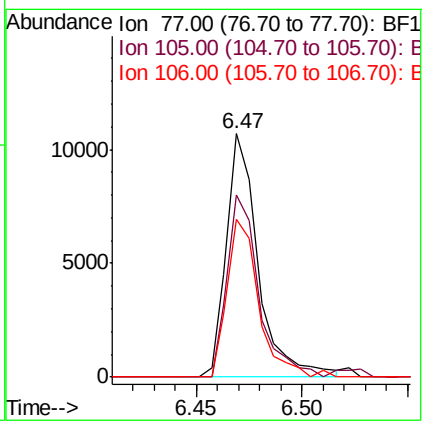


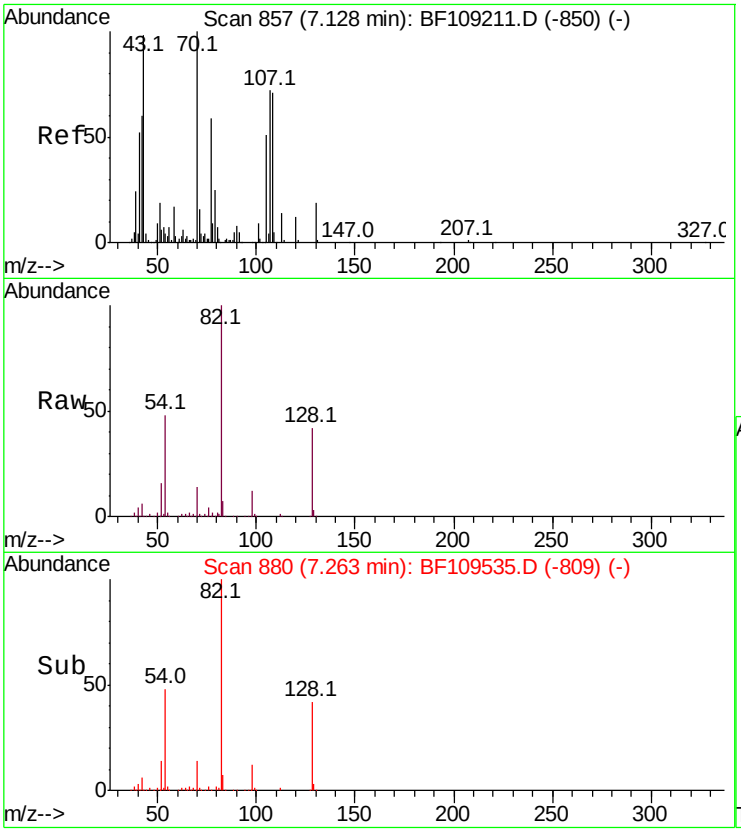


#9
Benzaldehyde
Concen: 2.352 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.22 min
Lab File: BF109535.D
Acq: 3 Oct 2018 7:07

Tgt Ion: 77 Resp: 11143

Ion	Ratio	Lower	Upper
77	100		
105	74.9	81.1	121.1#
106	64.6	74.5	114.5#



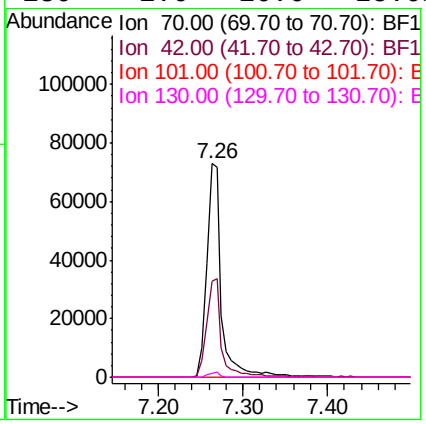


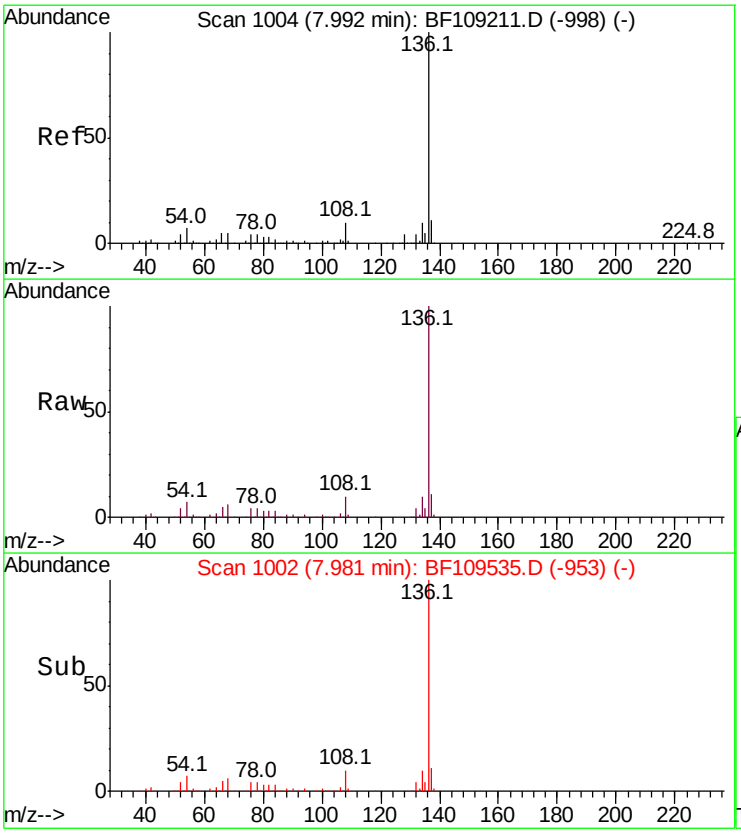
#19
n-Nitroso-di-n-propylamine
Concen: 18.547 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109535.D
Acq: 3 Oct 2018 7:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 89636

Ion	Ratio	Lower	Upper
70	100		
42	44.8	47.5	71.3#
101	0.0	7.4	11.2#
130	1.6	16.6	25.0#

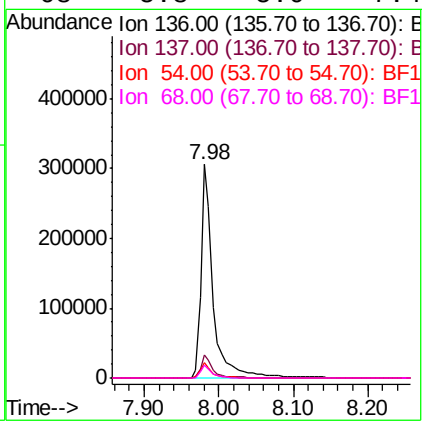


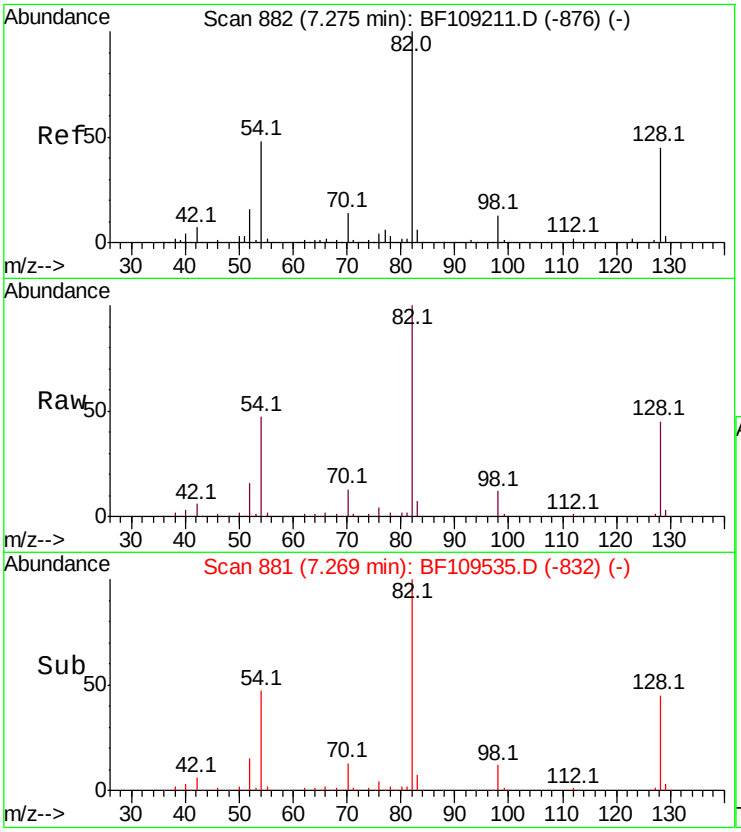


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109535.D
Acq: 3 Oct 2018 7:07

Tgt Ion:136 Resp: 351486

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.3	6.6	9.8
68	5.8	5.0	7.4



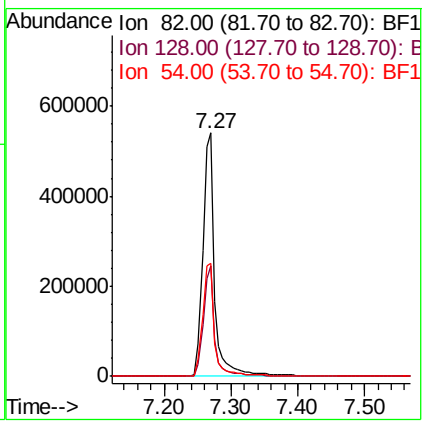


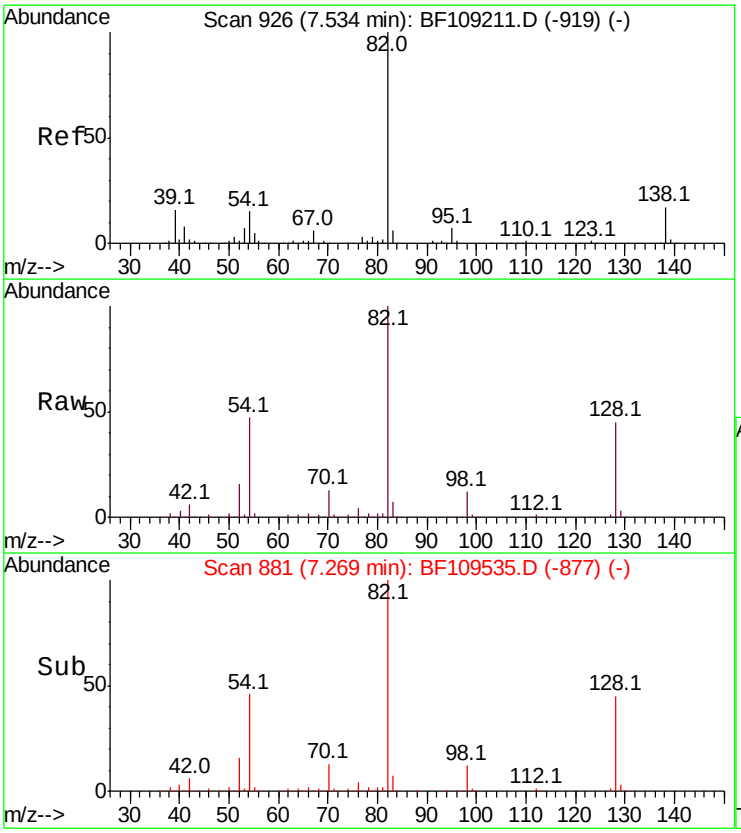
#23
Nitrobenzene-d5
Concen: 110.518 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109535.D
Acq: 3 Oct 2018 7:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 658045

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	46.6	41.4	62.2

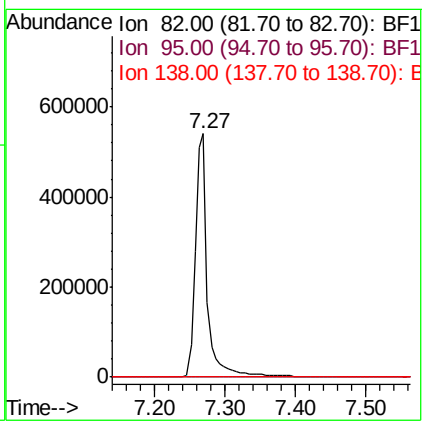


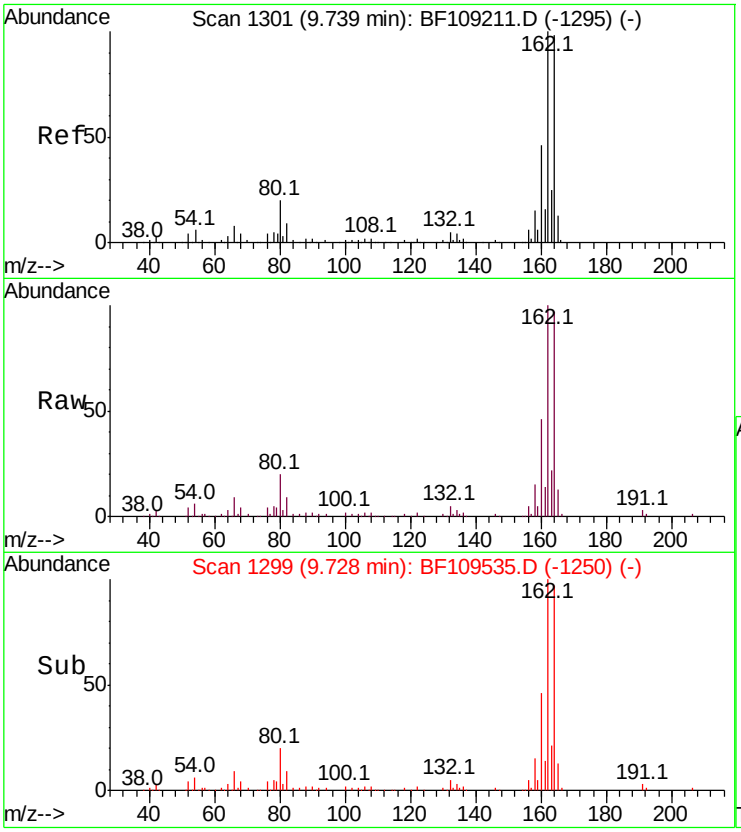


#25
Isophorone
Concen: 59.881 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109535.D
Acq: 3 Oct 2018 7:07

Tgt Ion: 82 Resp: 642045

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



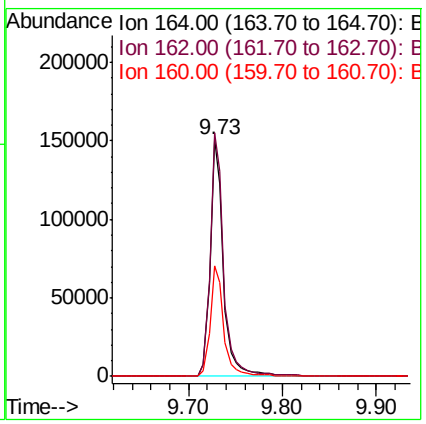


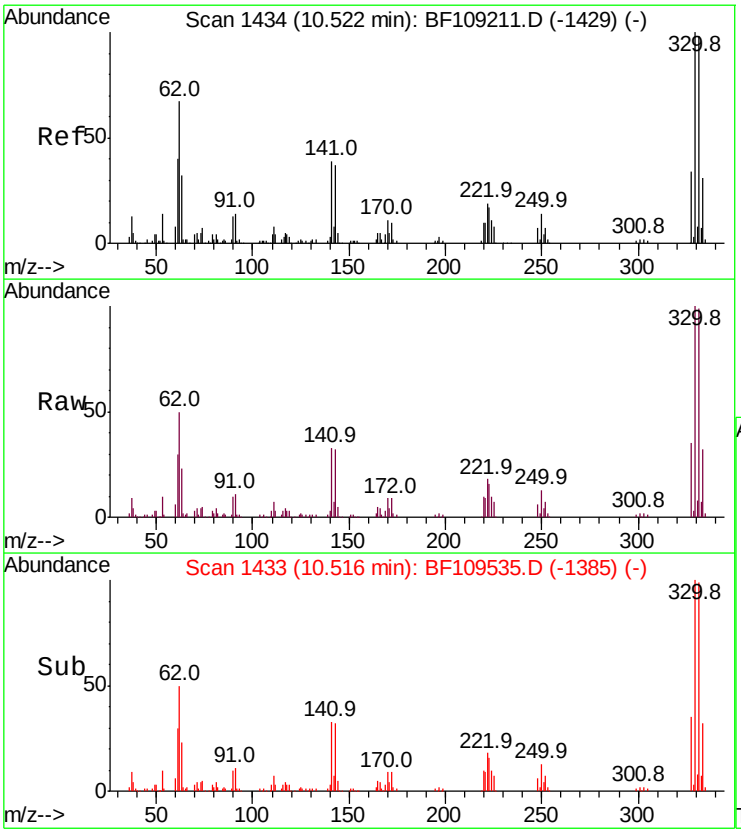
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109535.D
Acq: 3 Oct 2018 7:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 152132

Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	46.8	38.3	57.5

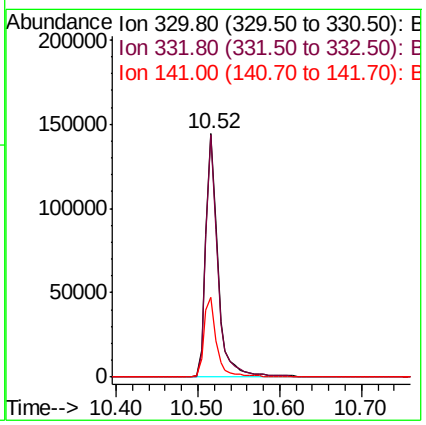


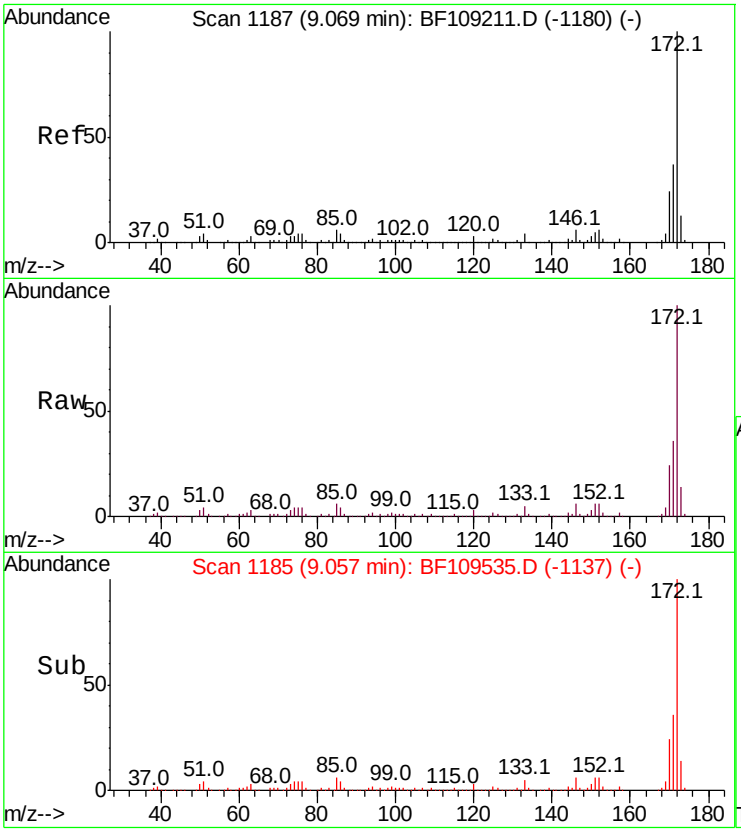


#41
2,4,6-Tribromophenol
Concen: 100.312 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF109535.D
Acq: 3 Oct 2018 7:07

Tgt Ion:330 Resp: 150438

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	34.1	29.9	44.9



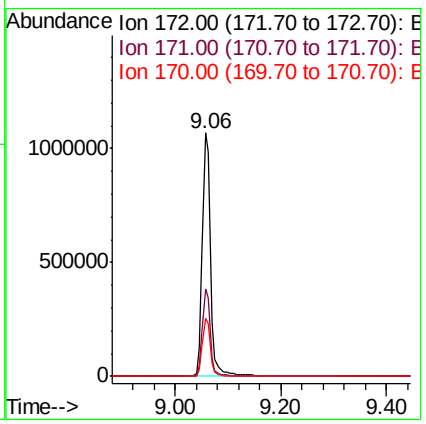


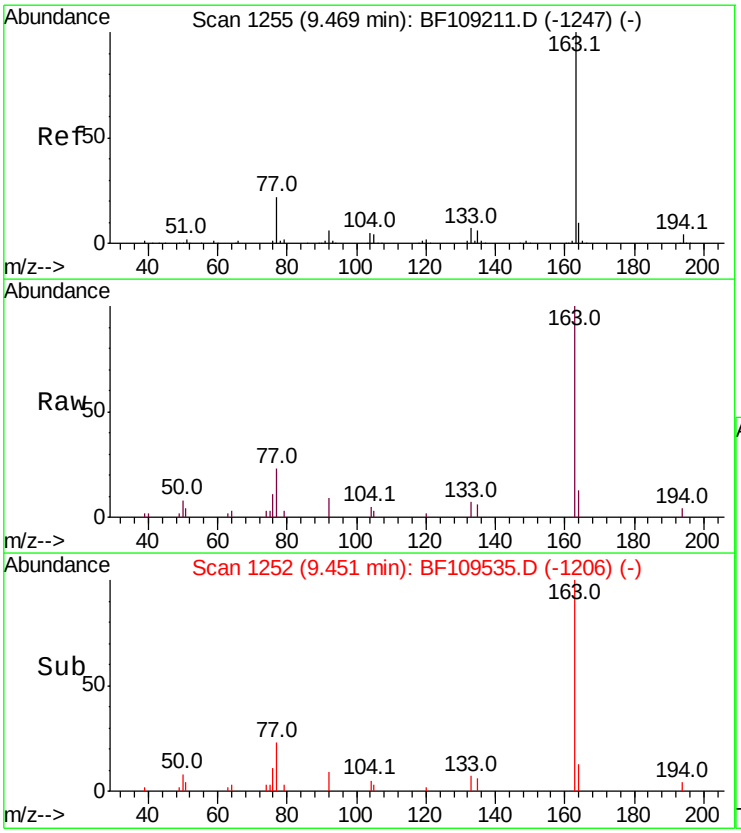
#44
2-Fluorobiphenyl
Concen: 113.821 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109535.D
Acq: 3 Oct 2018 7:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1148120

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.9	19.6	29.4

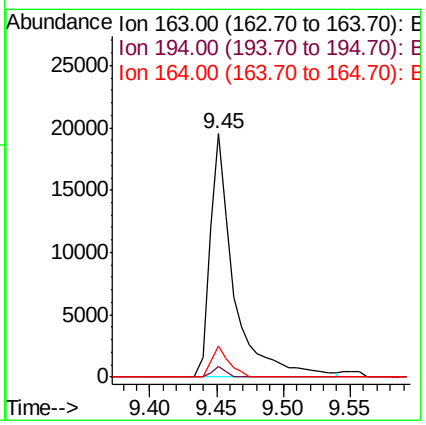


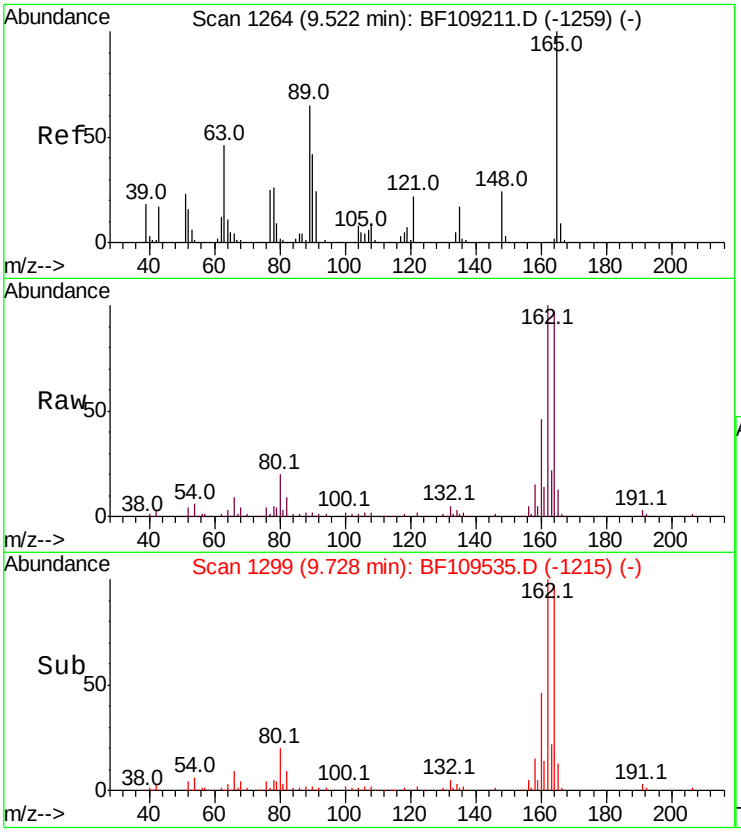


#49
Dimethylphthalate
Concen: 2.188 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109535.D
Acq: 3 Oct 2018 7:07

Tgt Ion:163 Resp: 24209

Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.7	4.1#
164	12.8	8.2	12.2#



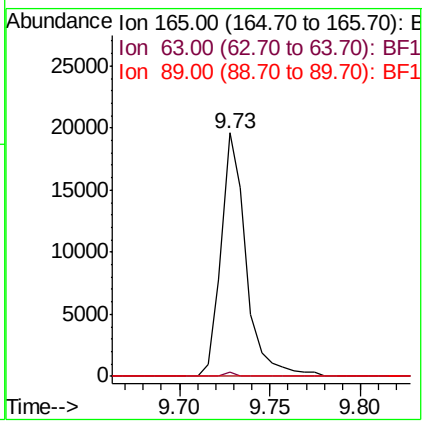


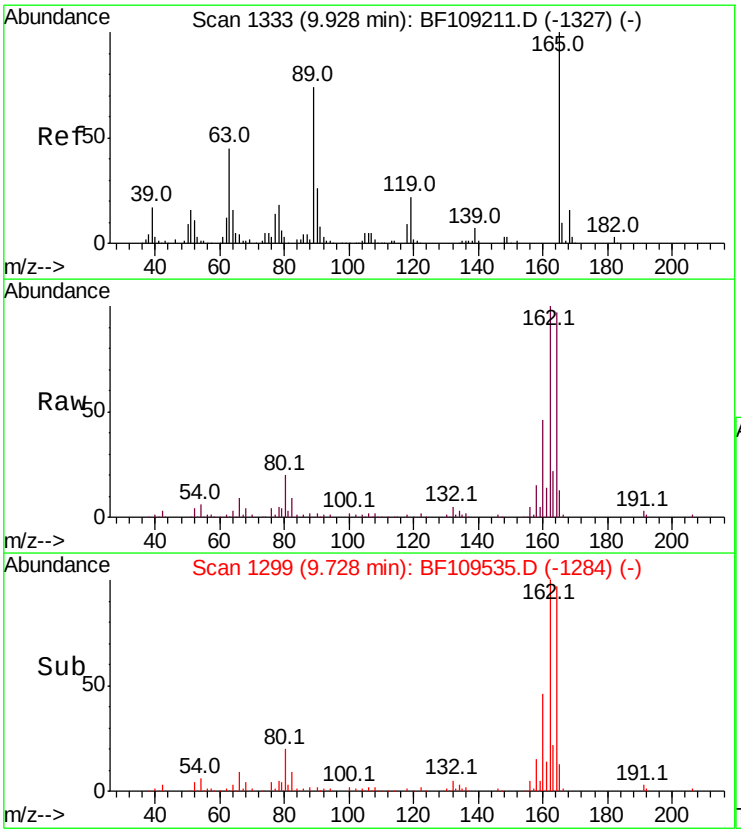
#50
2,6-Dinitrotoluene
Concen: 8.586 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.19 min
Lab File: BF109535.D
Acq: 3 Oct 2018 7:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 18817

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	0.0	44.0	66.0#

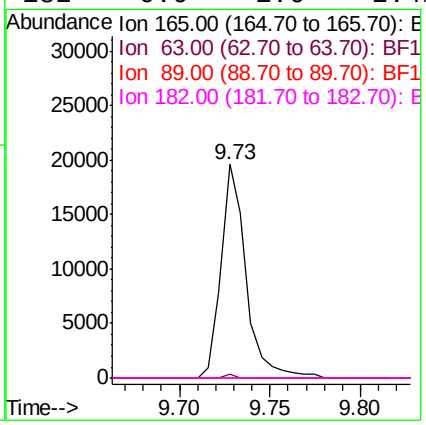


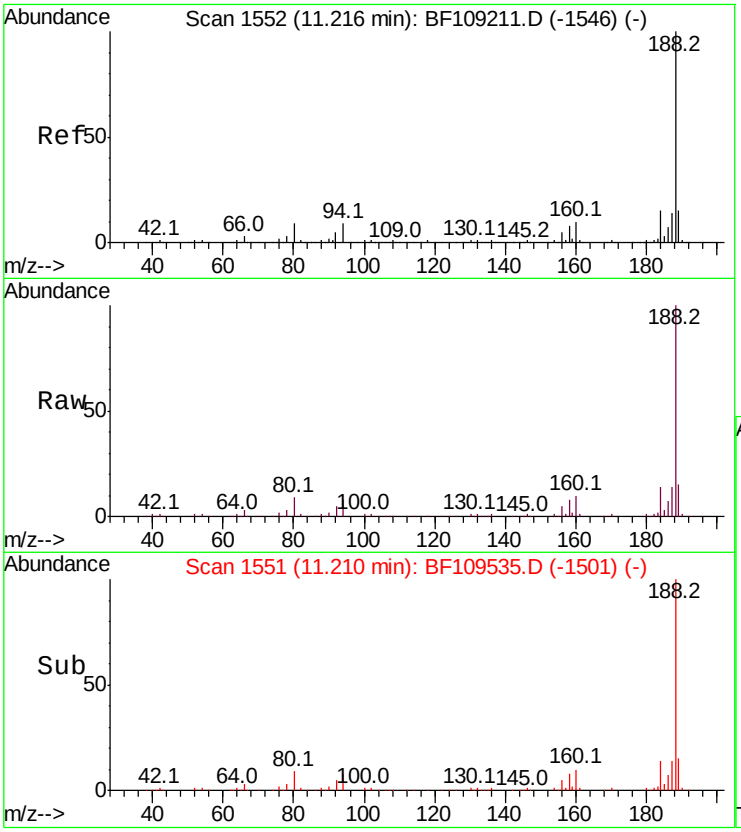


#56
2,4-Dinitrotoluene
Concen: 6.786 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF109535.D
Acq: 3 Oct 2018 7:07

Tgt Ion:165 Resp: 18817

Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



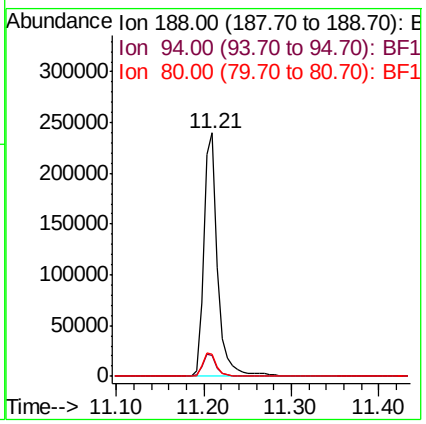


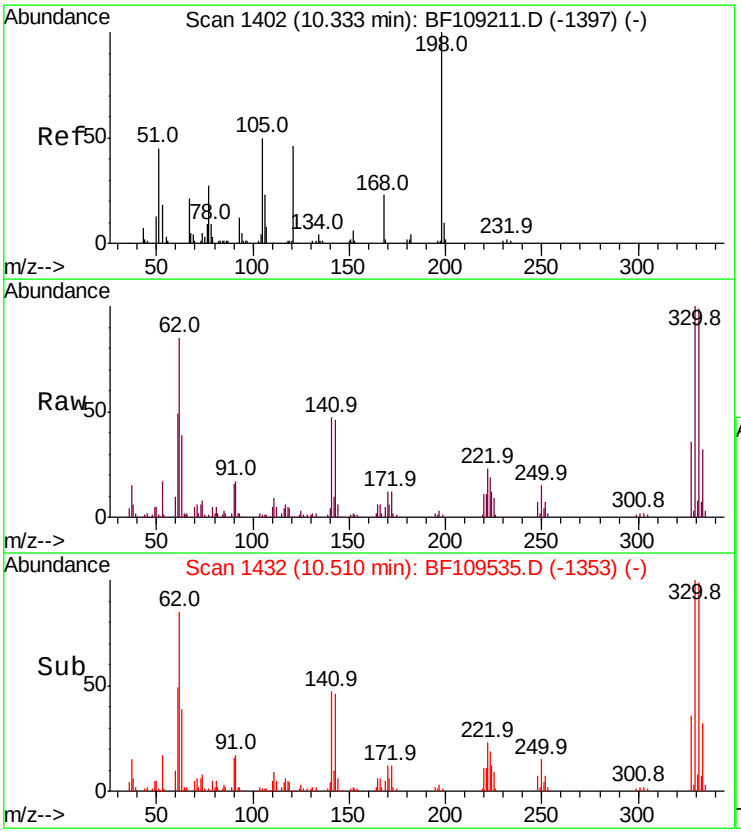
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109535.D
Acq: 3 Oct 2018 7:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 261127

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	9.0	9.2	13.8#

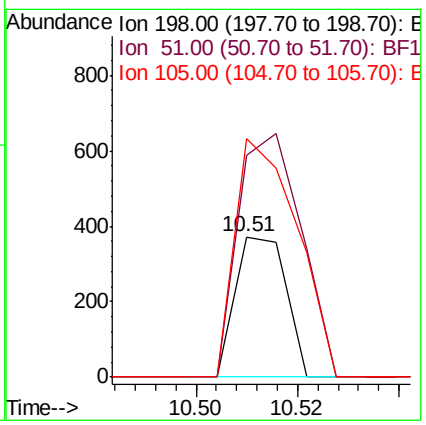


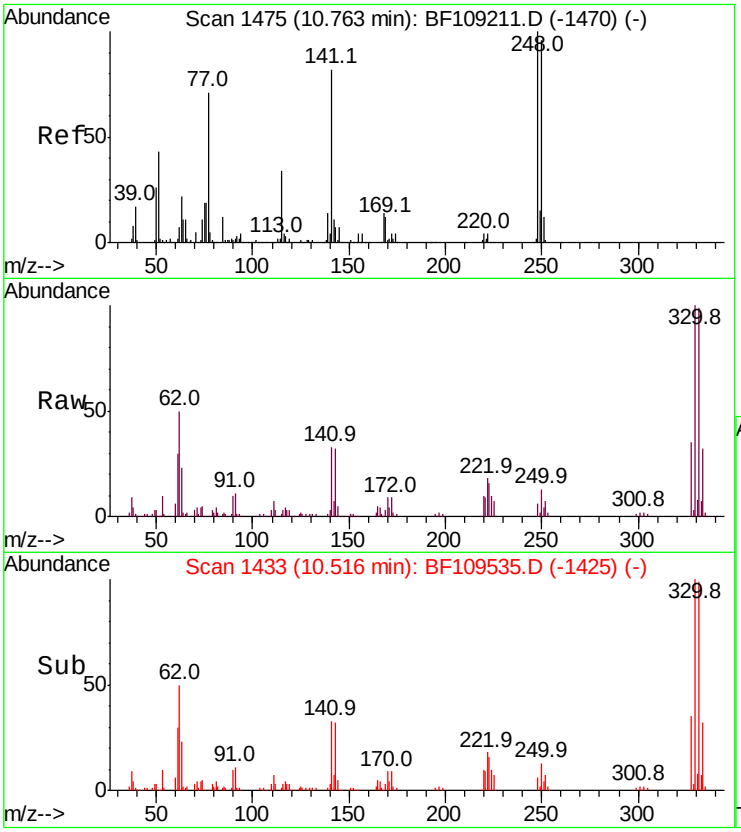


#64
4,6-Dinitro-2-methylphenol
Concen: 6.732 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.16 min
Lab File: BF109535.D
Acq: 3 Oct 2018 7:07

Tgt Ion:198 Resp: 257

Ion	Ratio	Lower	Upper
198	100		
51	158.6	37.7	77.7#
105	169.9	36.3	76.3#



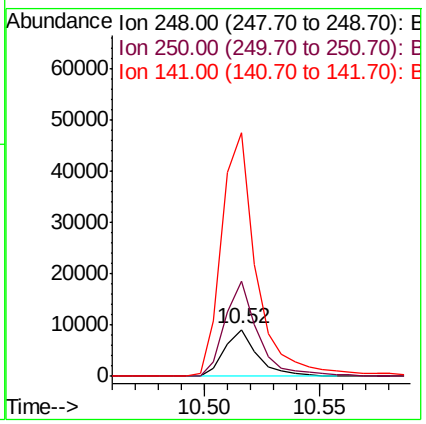


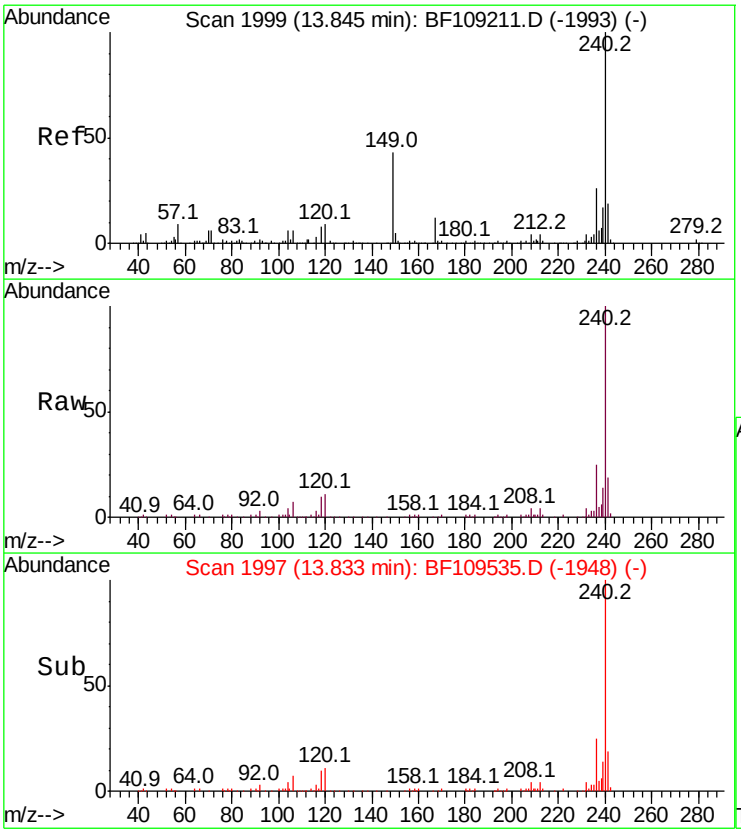
#66
4-Bromophenyl-phenylether
Concen: 3.117 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109535.D
Acq: 3 Oct 2018 7:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9039

Ion	Ratio	Lower	Upper
248	100		
250	202.8	76.9	115.3#
141	517.5	74.4	111.6#

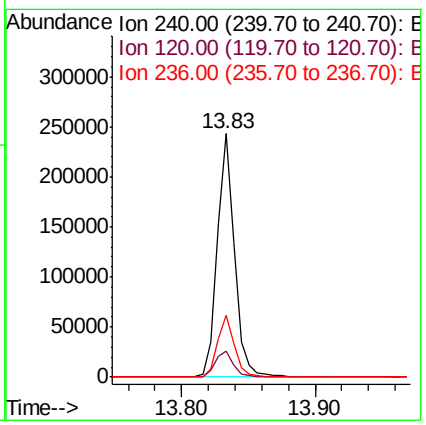


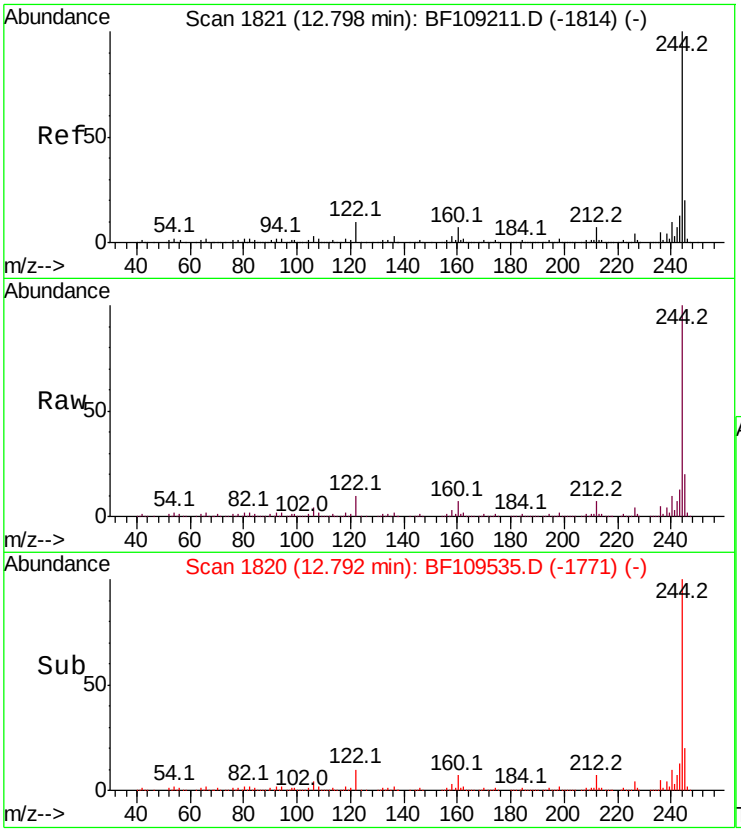


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109535.D
Acq: 3 Oct 2018 7:07

Tgt Ion:240 Resp: 222131

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	25.5	20.7	31.1



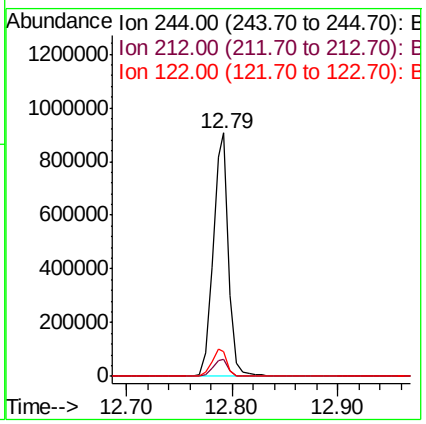


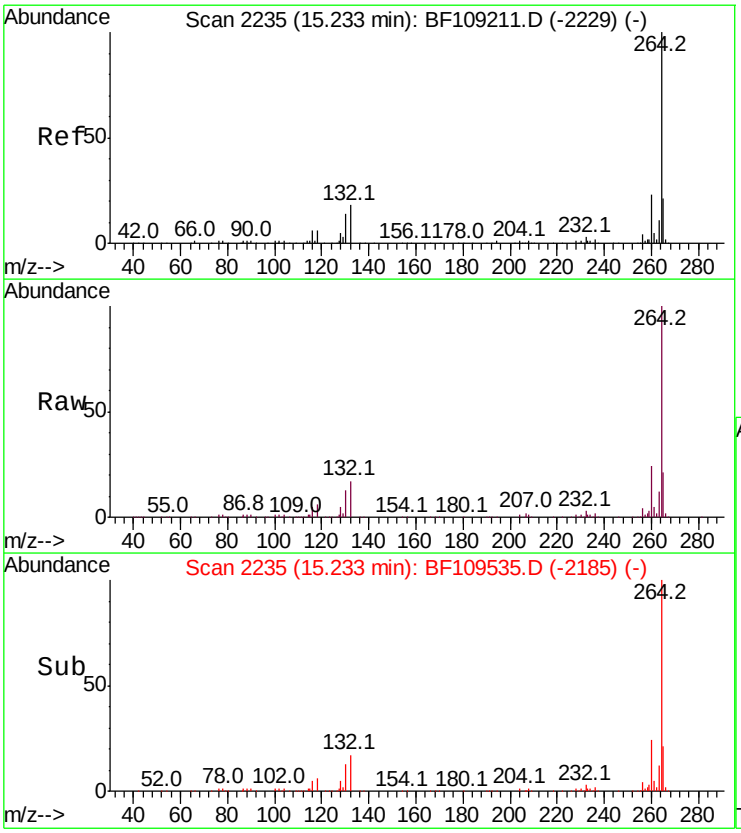
#78
Terphenyl-d14
Concen: 102.459 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109535.D
Acq: 3 Oct 2018 7:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 927373

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.1	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF109535.D
Acq: 3 Oct 2018 7:07

Tgt Ion:264 Resp: 236036

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.2	17.5	26.3