Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100518\
Data File : BF109639.D
Acq On : 6 Oct 2018 5:29
Operator : JU/SJ
Sample : J5264-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 100318-TIPC-E-D-M

Quant Time: Oct 06 06:00:33 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	101423	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	381046	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	155837	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	240830	20.00	ng	0.00
75) Chrysene-d12	13.83	240	243372	20.00	ng	-0.01
86) Perylene-d12	15.23	264	188103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	194134	31.53	ng	0.00
7) Phenol-d6	6.35	99	151006	19.22	ng	-0.01
23) Nitrobenzene-d5	7.26	82	578431	89.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	107917	70.25	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	980917	94.93	ng	-0.02
78) Terphenyl-d14	12.79	244	716042	72.21	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	77929	15.136	ng	# 77
25) Isophorone	7.26	82	561082	48.271	ng	# 64
49) Dimethylphthalate	9.45	163	27852	2.457	ng	# 99
50) 2,6-Dinitrotoluene	9.73	165	18863	8.403	ng	# 27
56) 2,4-Dinitrotoluene	9.73	165	18863	6.641	ng	# 24
66) 4-Bromophenyl-phenylether	10.52	248	6400	2.393	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100518\
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Acq On : 6 Oct 2018 5:29
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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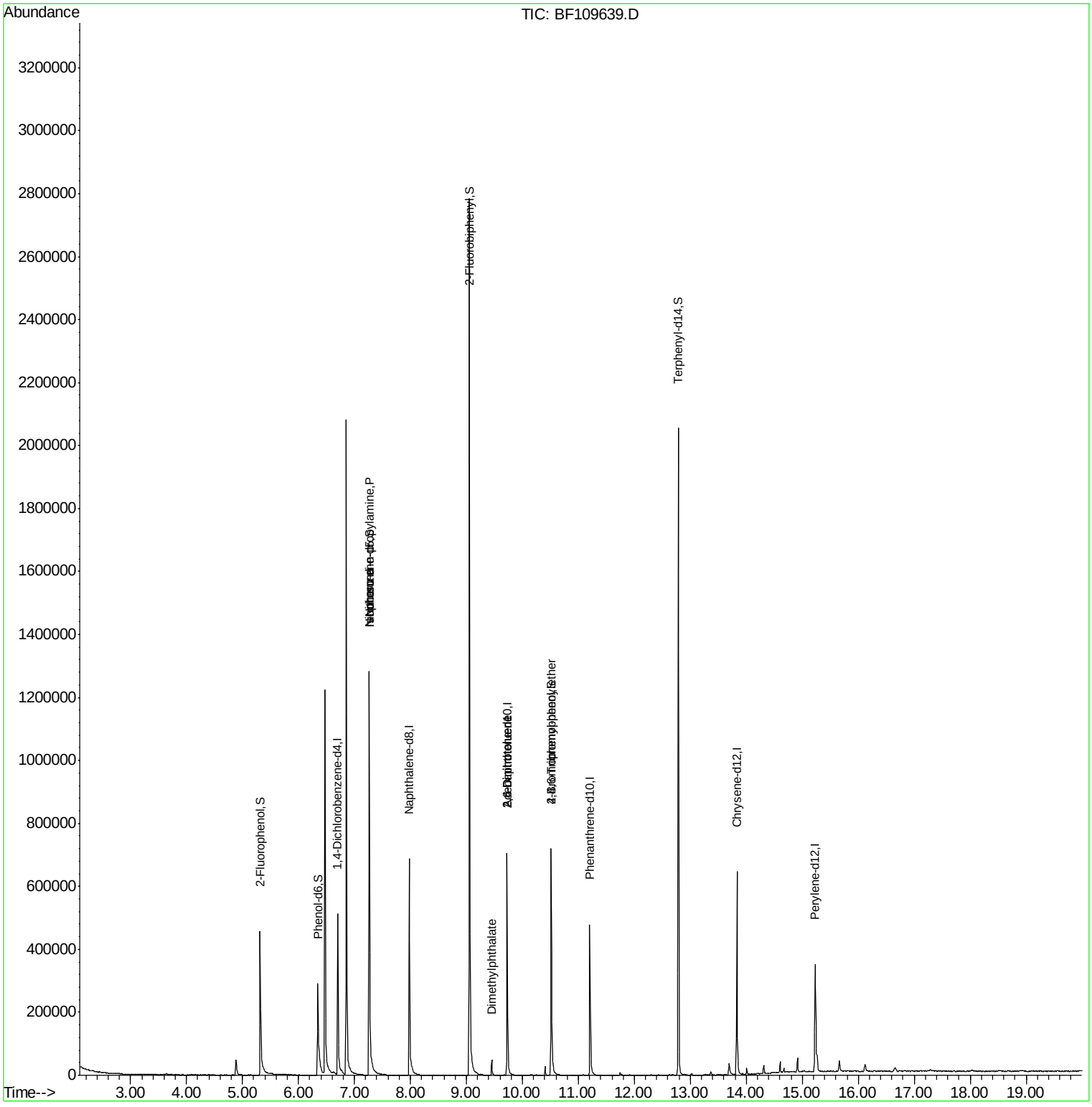
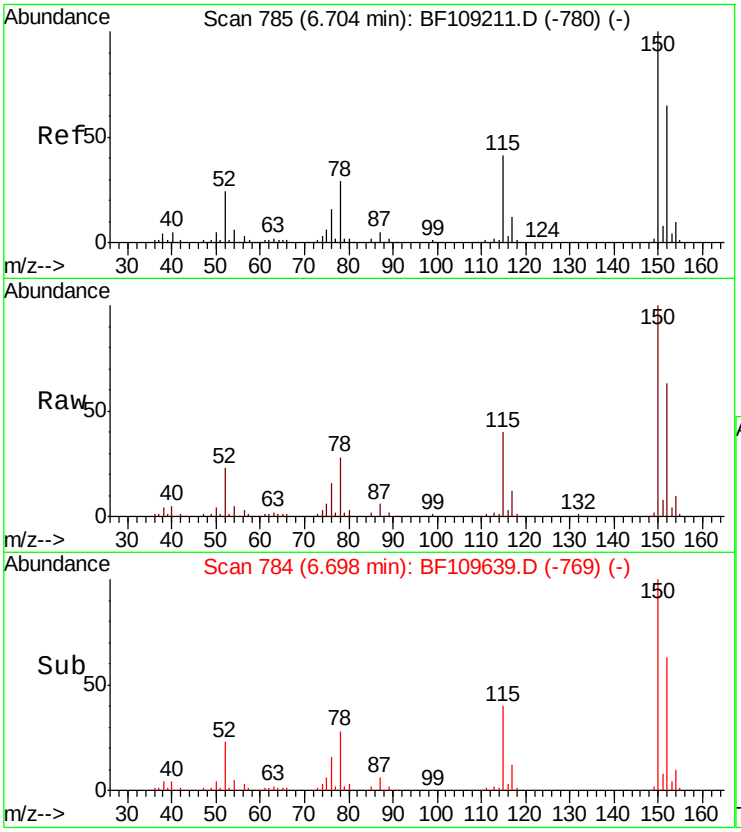


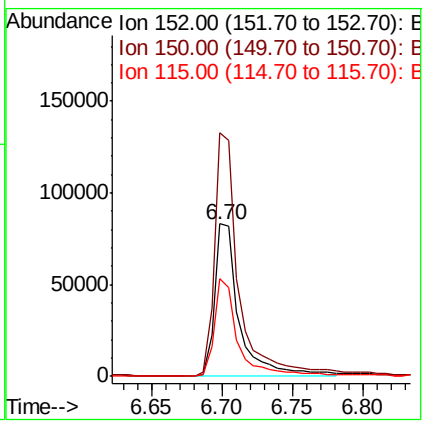


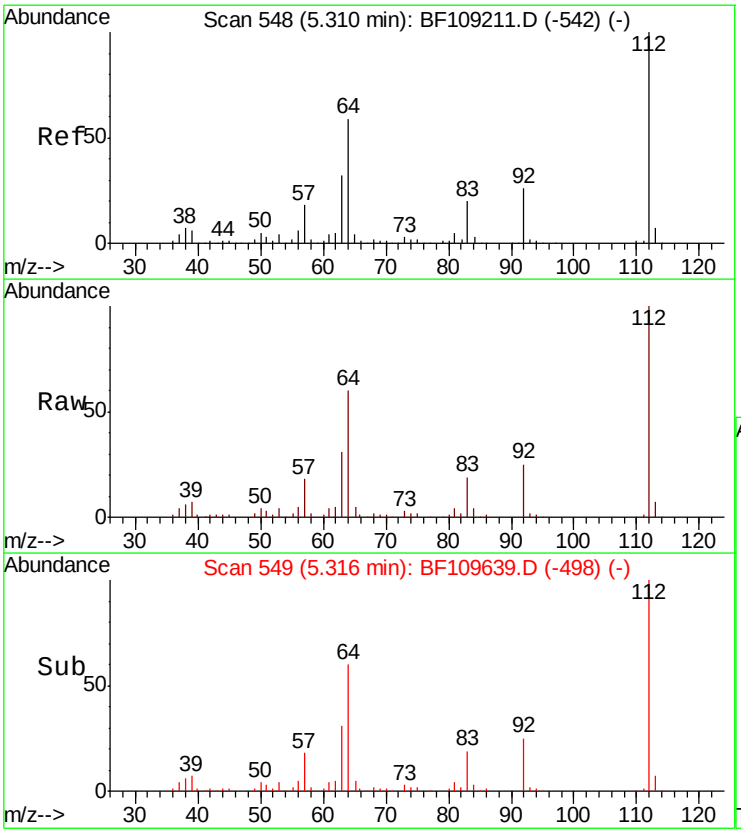
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF109639.D
Acq: 6 Oct 2018 5:29

Instrument :
BNA_F
ClientSampleId :
100318-TIPC-E-D-M

Tgt Ion:152 Resp: 101423

Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.6	186.8
115	64.4	50.1	75.1

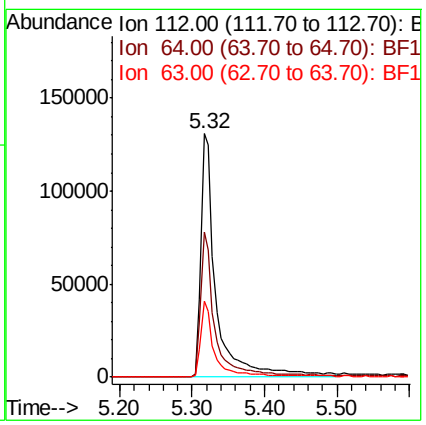


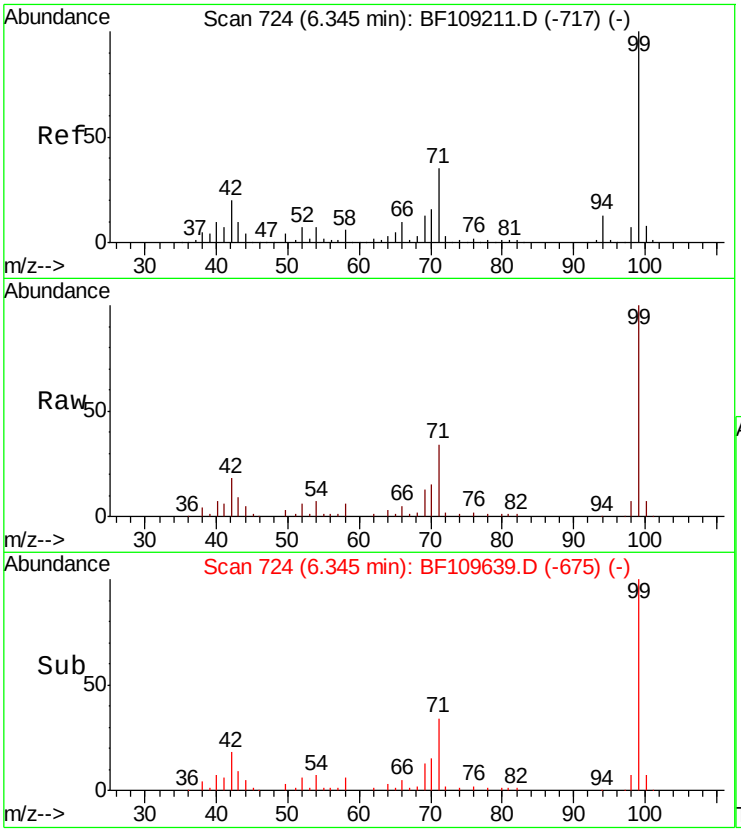


#5
2-Fluorophenol
Concen: 31.527 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109639.D
Acq: 6 Oct 2018 5:29

Tgt Ion:112 Resp: 194134

Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.9	71.9
63	31.3	23.7	35.5



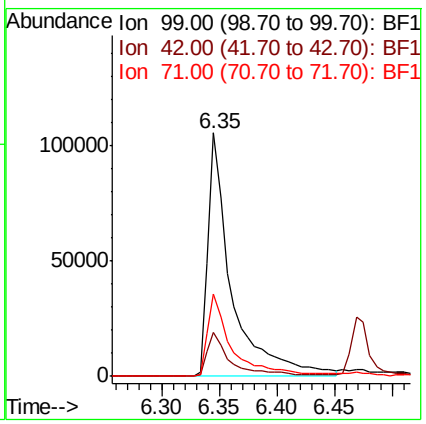


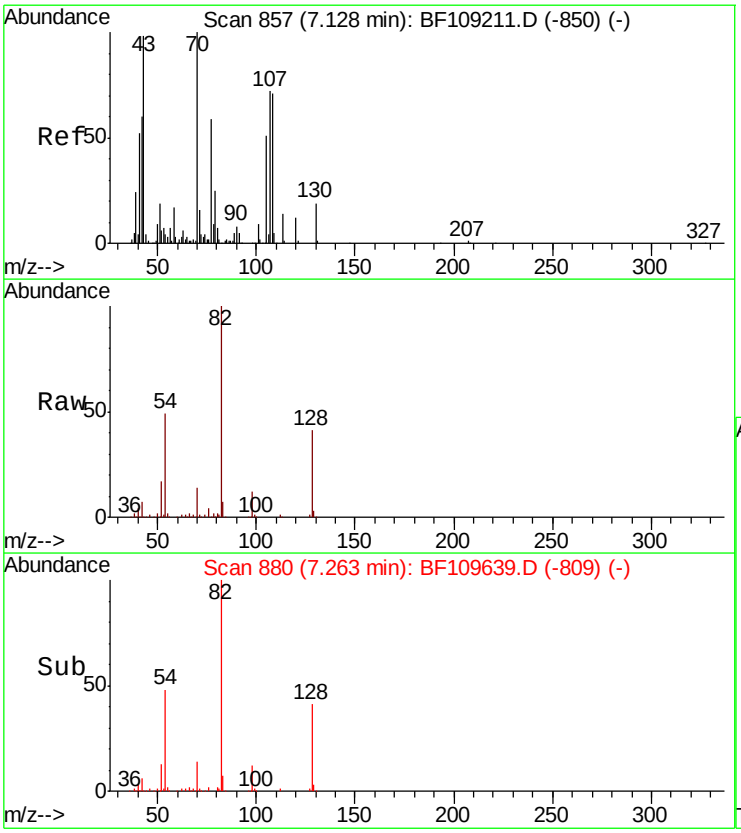
#7
Phenol-d6
Concen: 19.218 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109639.D
Acq: 6 Oct 2018 5:29

Instrument :
BNA_F
ClientSampleId :
100318-TIPC-E-D-M

Tgt Ion: 99 Resp: 151006

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.5	21.7
71	34.0	25.4	38.0

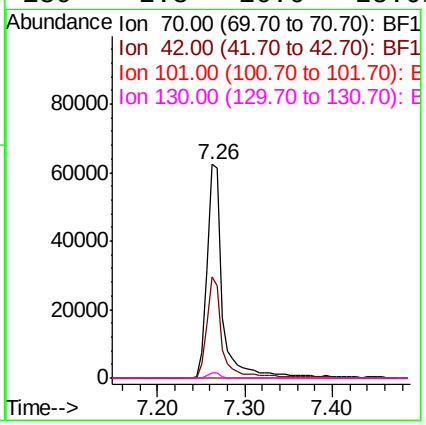


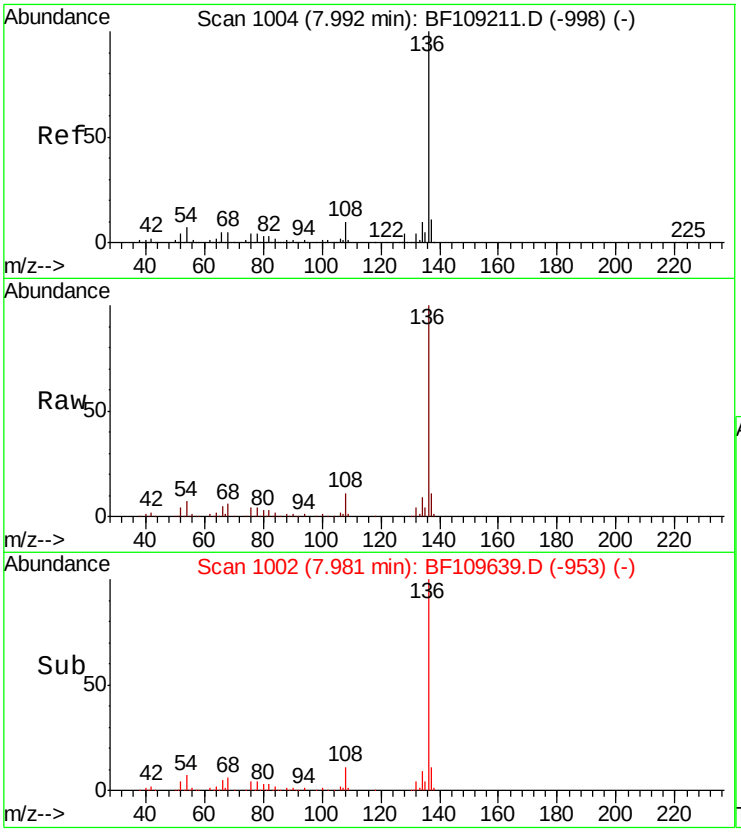


#19
n-Nitroso-di-n-propylamine
Concen: 15.136 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109639.D
Acq: 6 Oct 2018 5:29

Tgt Ion: 70 Resp: 77929

Ion	Ratio	Lower	Upper
70	100		
42	47.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



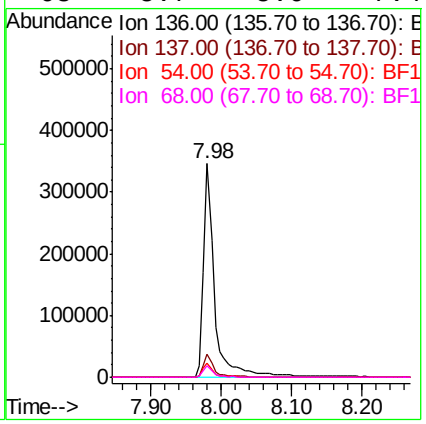


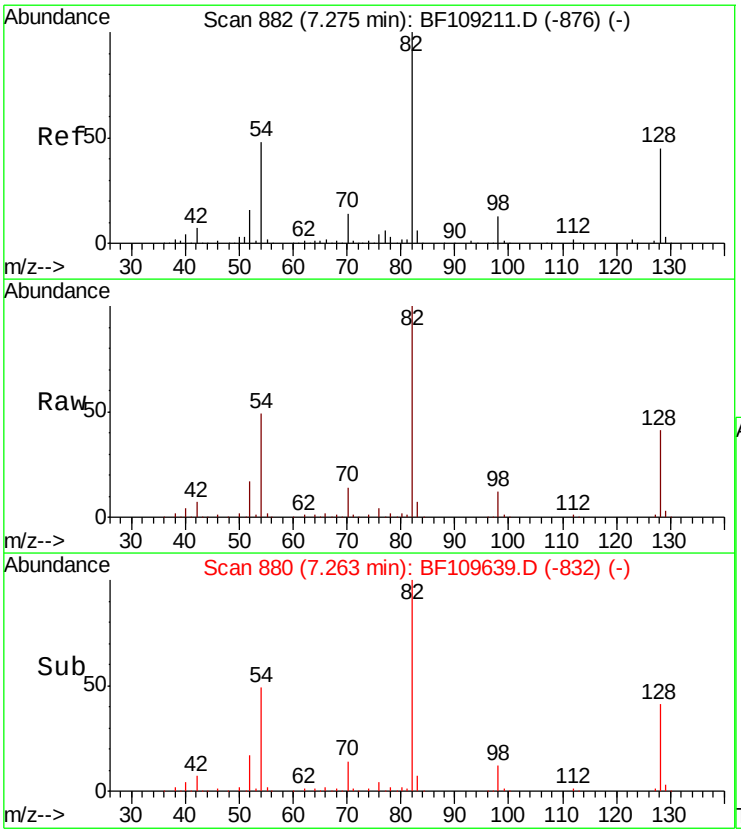
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109639.D
Acq: 6 Oct 2018 5:29

Instrument :
BNA_F
ClientSampleId :
100318-TIPC-E-D-M

Tgt Ion:136 Resp: 381046

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.9	6.6	9.8
68	5.7	5.0	7.4

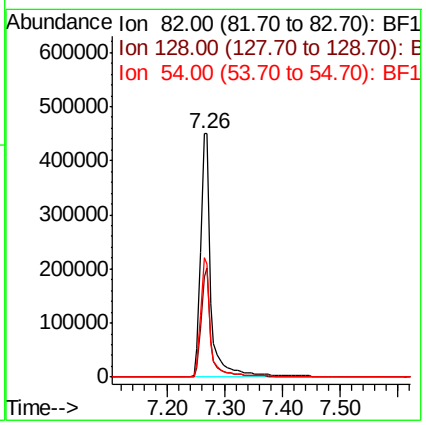


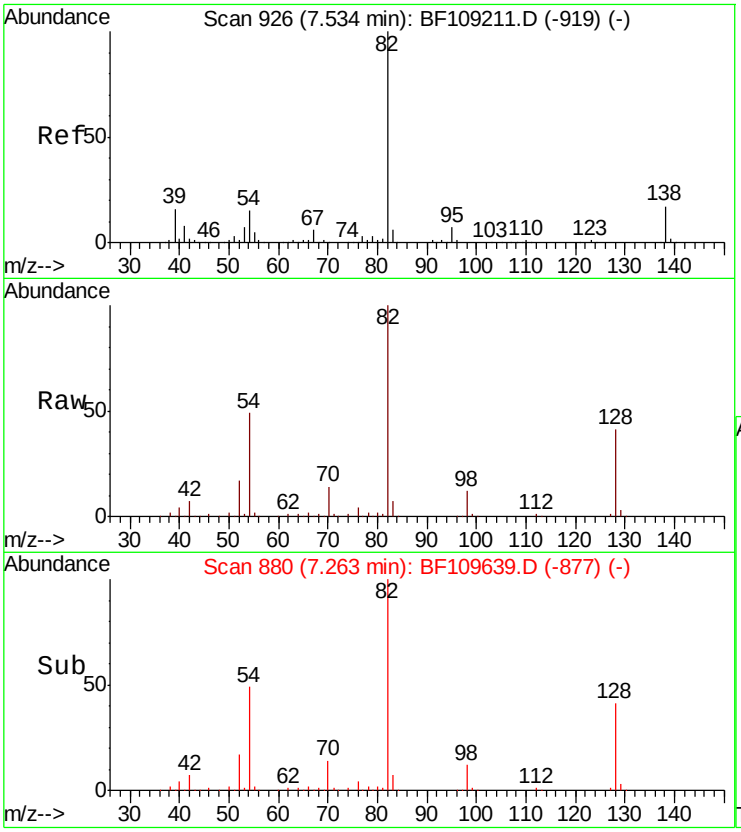


#23
Nitrobenzene-d5
Concen: 89.610 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109639.D
Acq: 6 Oct 2018 5:29

Tgt Ion: 82 Resp: 578431

Ion	Ratio	Lower	Upper
82	100		
128	41.2	36.1	54.1
54	49.2	41.4	62.2



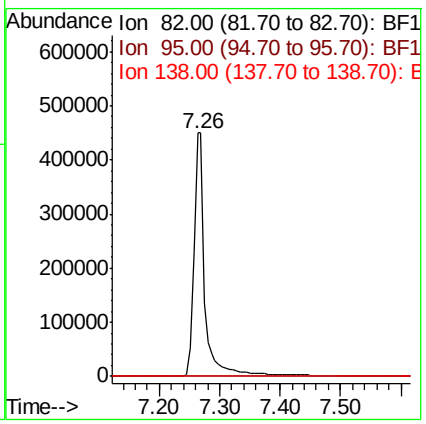


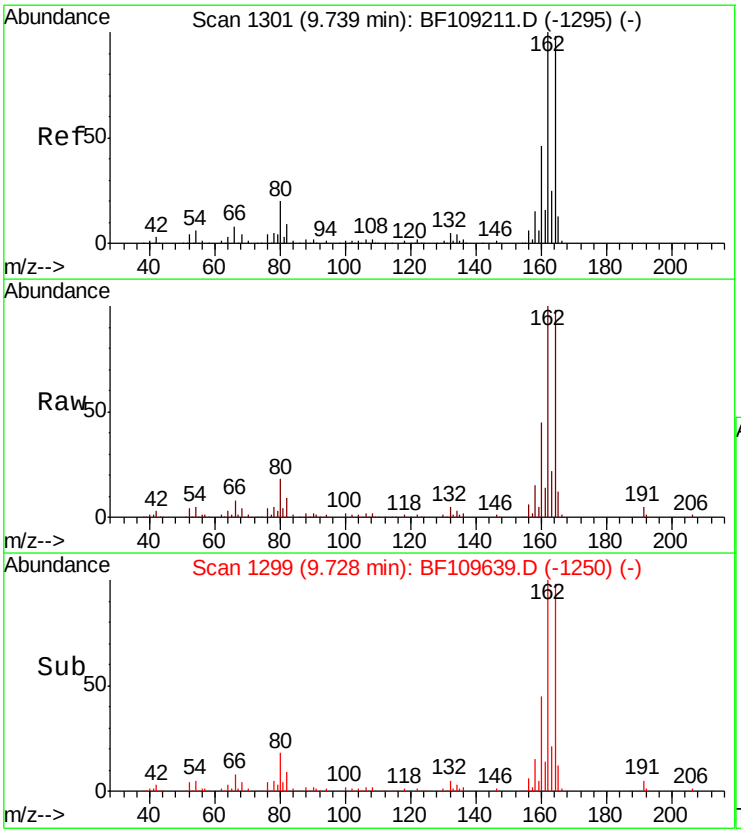
#25
Isophorone
Concen: 48.271 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109639.D
Acq: 6 Oct 2018 5:29

Instrument :
BNA_F
ClientSampleId :
100318-TIPC-E-D-M

Tgt Ion: 82 Resp: 561082

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

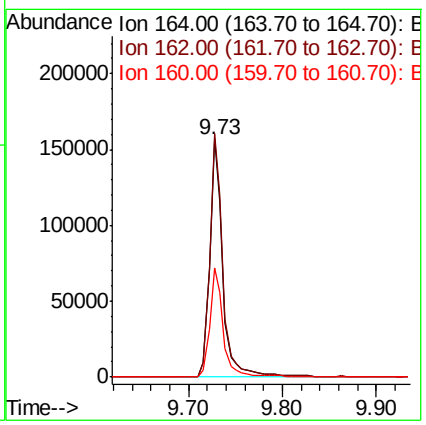


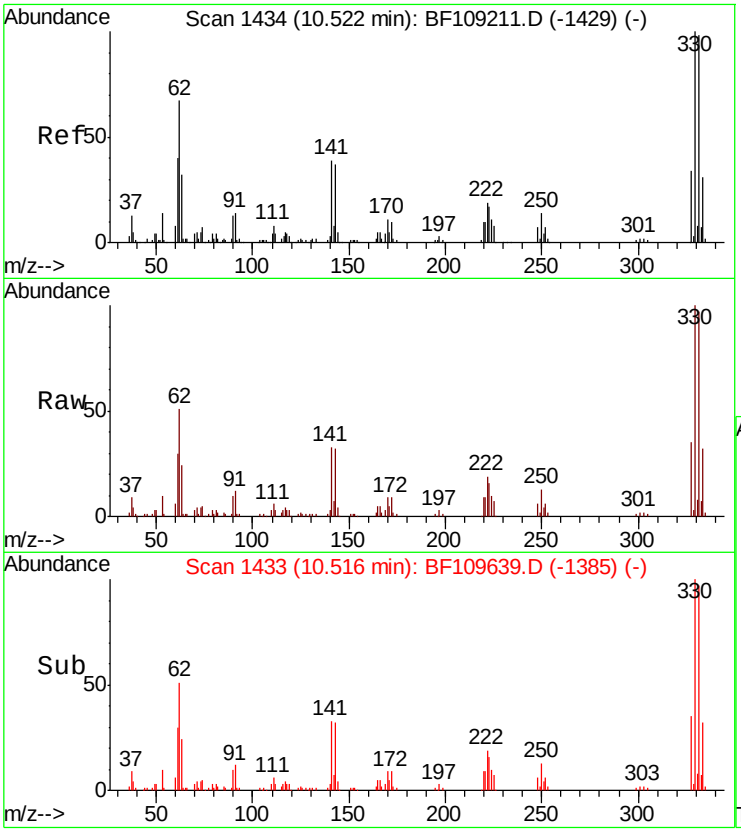


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109639.D
Acq: 6 Oct 2018 5:29

Tgt Ion:164 Resp: 155837

Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	45.9	38.3	57.5



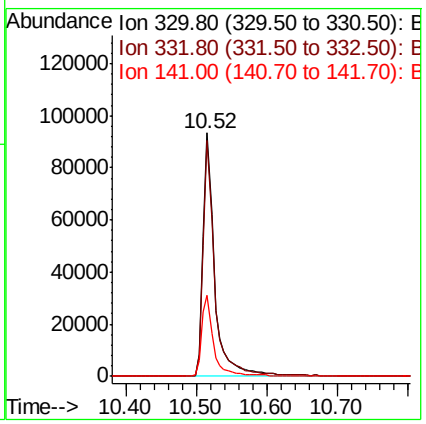


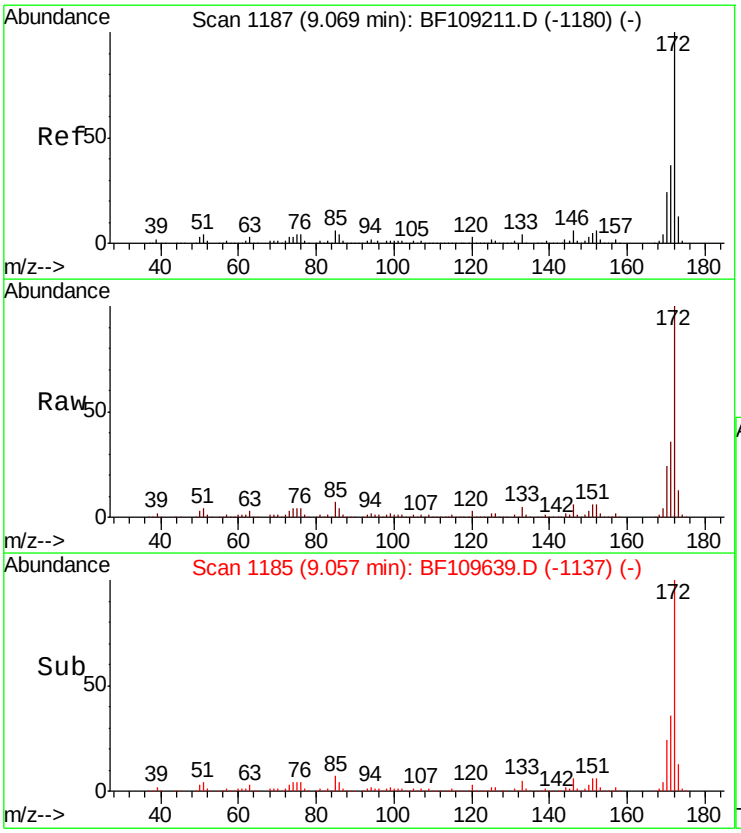
#41
2,4,6-Tribromophenol
Concen: 70.248 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF109639.D
Acq: 6 Oct 2018 5:29

Instrument :
BNA_F
ClientSampleId :
100318-TIPC-E-D-M

Tgt Ion:330 Resp: 107917

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	33.6	29.9	44.9

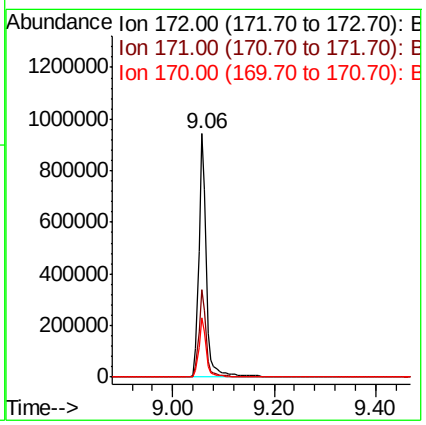


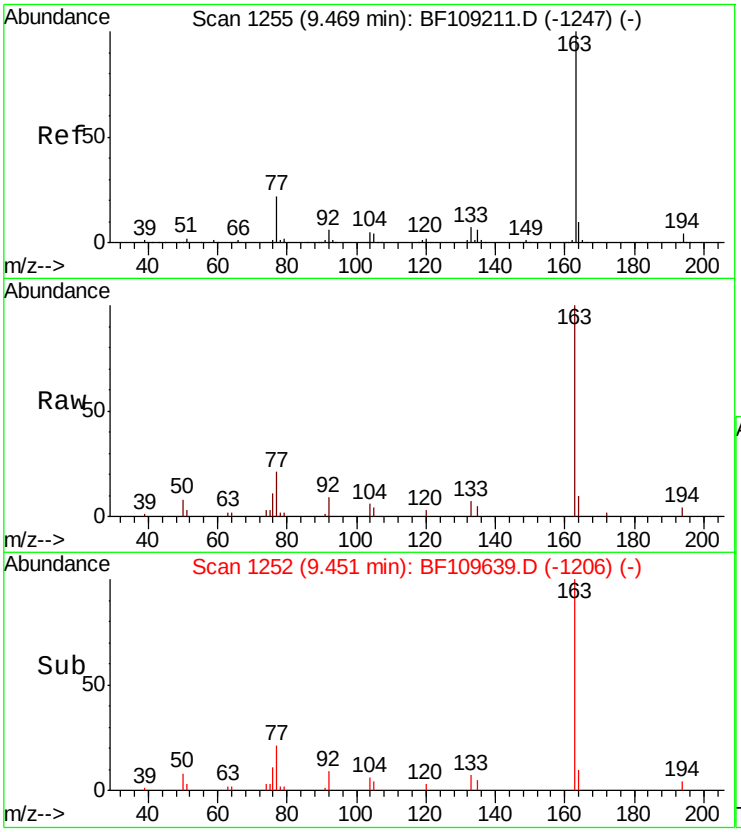


#44
2-Fluorobiphenyl
Concen: 94.933 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109639.D
Acq: 6 Oct 2018 5:29

Tgt Ion:172 Resp: 980917

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.3	19.6	29.4



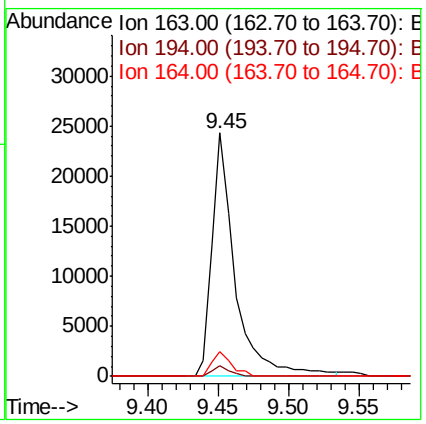


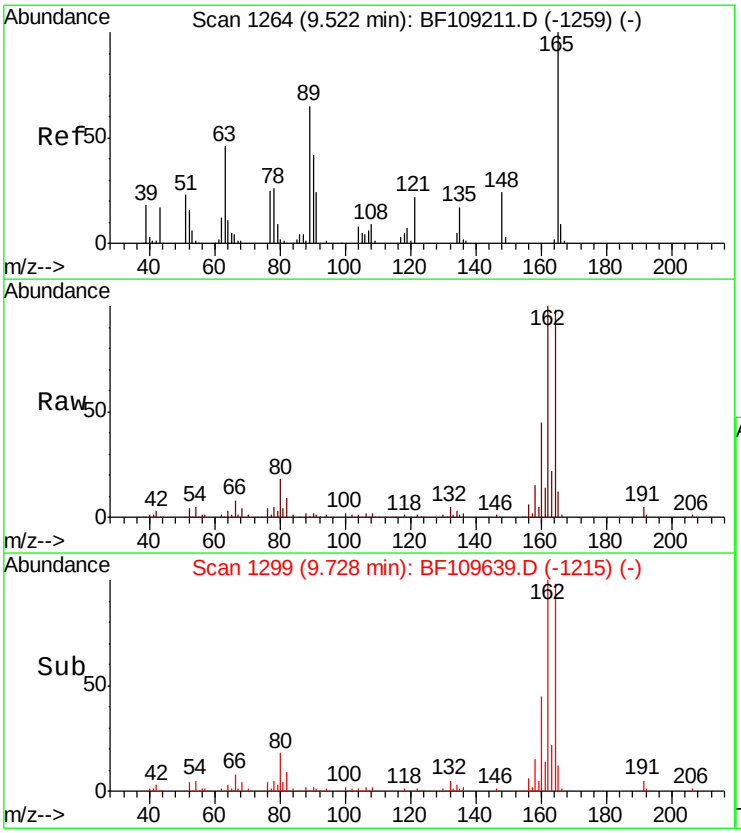
#49
Dimethylphthalate
Concen: 2.457 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109639.D
Acq: 6 Oct 2018 5:29

Instrument :
BNA_F
ClientSampleId :
100318-TIPC-E-D-M

Tgt Ion:163 Resp: 27852

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.2	8.2	12.2

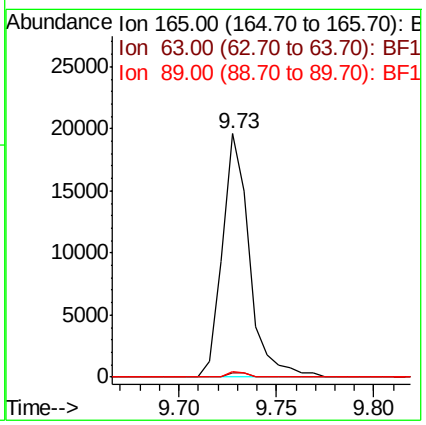


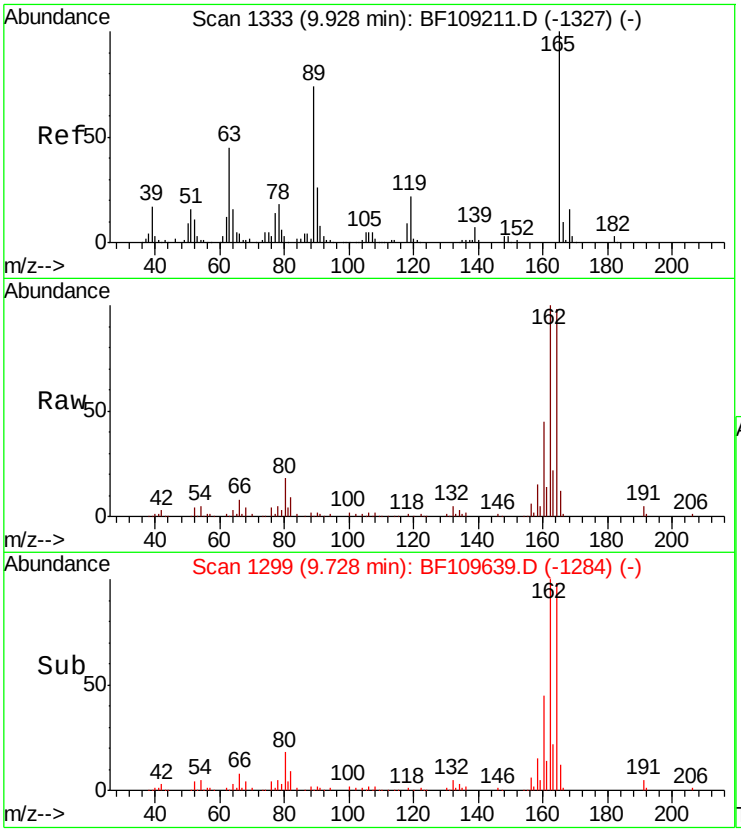


#50
2,6-Dinitrotoluene
Concen: 8.403 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.19 min
Lab File: BF109639.D
Acq: 6 Oct 2018 5:29

Tgt Ion:165 Resp: 18863

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	2.5	44.0	66.0#



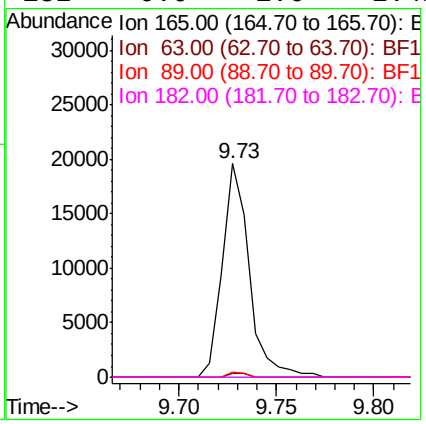


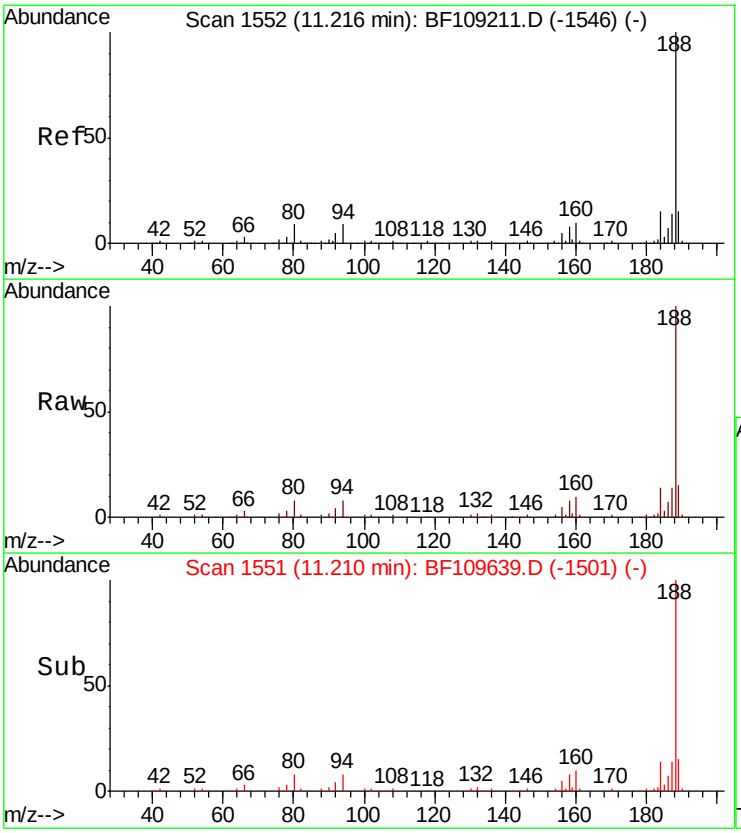
#56
2,4-Dinitrotoluene
Concen: 6.641 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF109639.D
Acq: 6 Oct 2018 5:29

Instrument :
BNA_F
ClientSampleId :
100318-TIPC-E-D-M

Tgt Ion:165 Resp: 18863

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	2.5	57.8	86.6#
182	0.0	1.6	2.4#

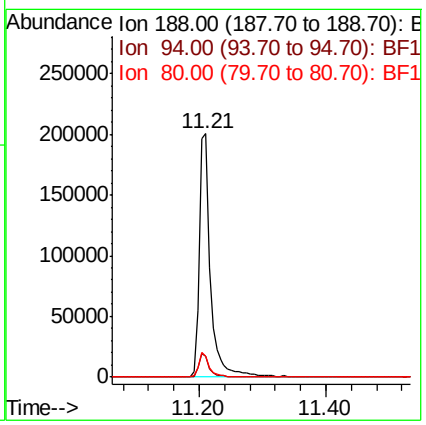


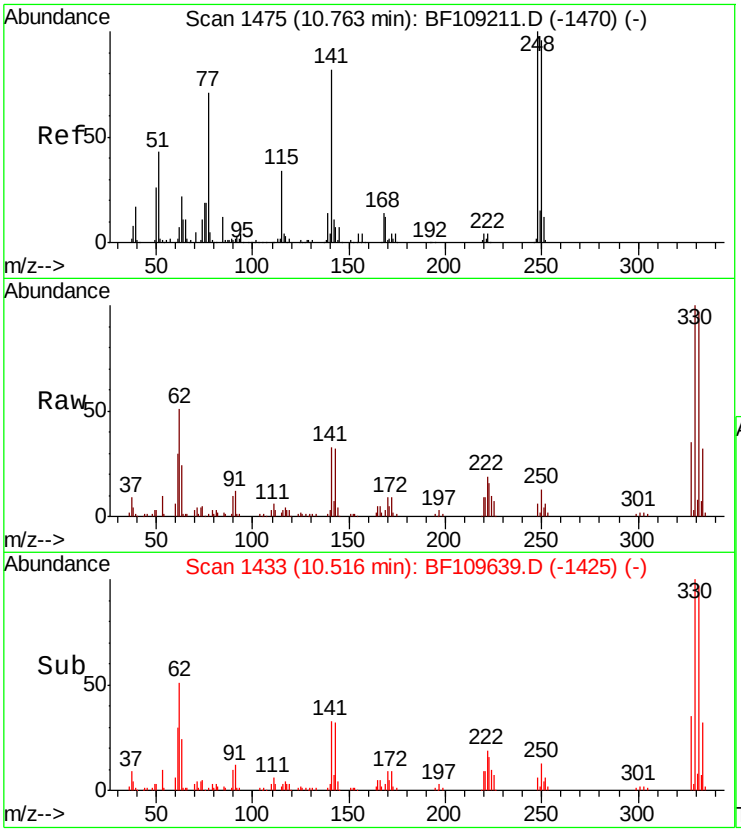


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109639.D
Acq: 6 Oct 2018 5:29

Tgt Ion:188 Resp: 240830

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



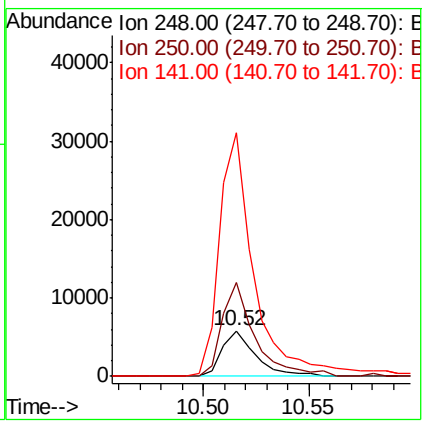


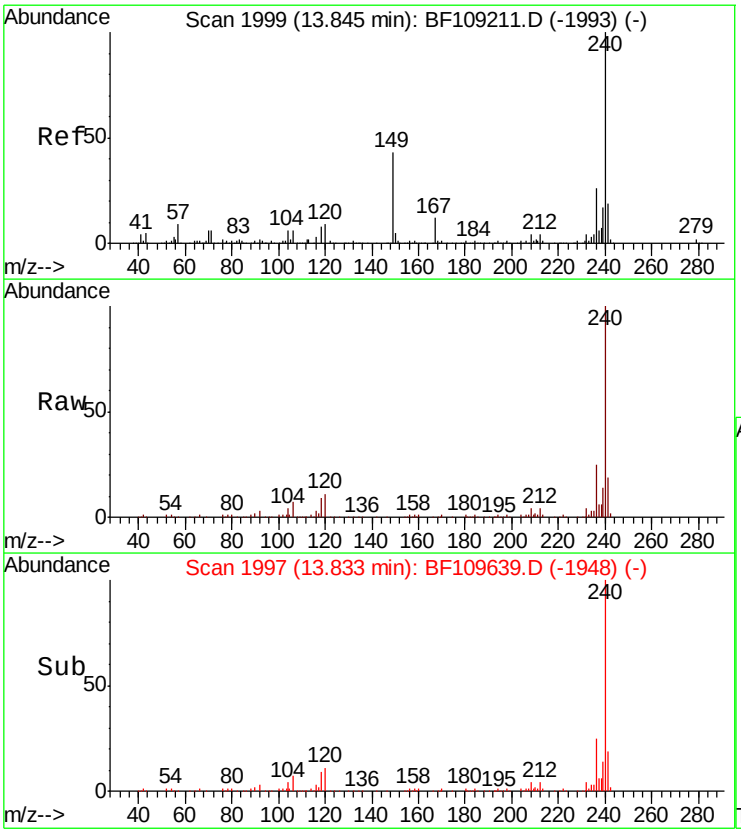
#66
4-Bromophenyl-phenylether
Concen: 2.393 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109639.D
Acq: 6 Oct 2018 5:29

Instrument :
BNA_F
ClientSampleId :
100318-TIPC-E-D-M

Tgt Ion:248 Resp: 6400

Ion	Ratio	Lower	Upper
248	100		
250	205.1	76.9	115.3#
141	532.8	74.4	111.6#

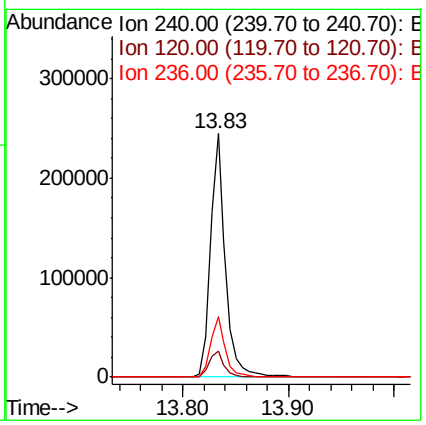


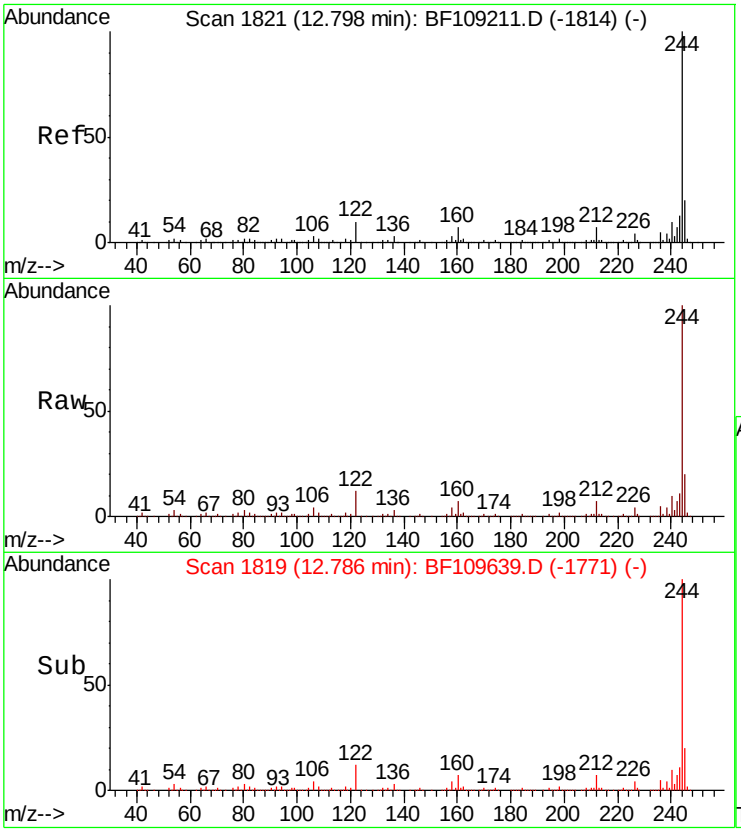


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109639.D
Acq: 6 Oct 2018 5:29

Tgt Ion:240 Resp: 243372

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	24.9	20.7	31.1



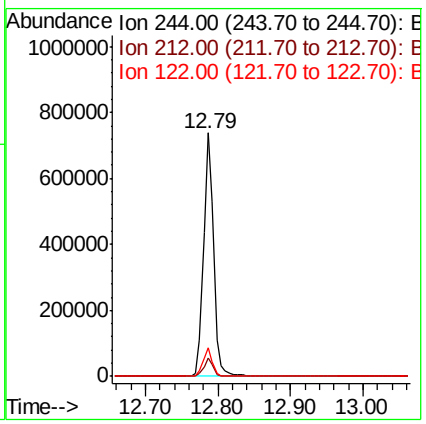


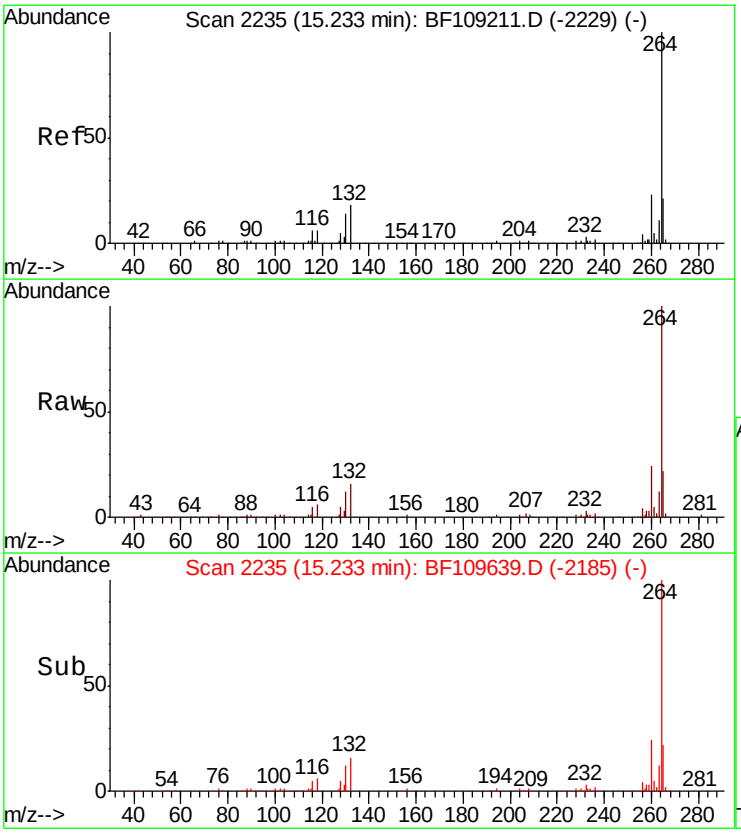
#78
Terphenyl-d14
Concen: 72.206 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BF109639.D
Acq: 6 Oct 2018 5:29

Instrument :
BNA_F
ClientSampleId :
100318-TIPC-E-D-M

Tgt Ion:244 Resp: 716042

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	11.8	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: BF109639.D
Acq: 6 Oct 2018 5:29

Tgt Ion:264 Resp: 188103

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.8	17.5	26.3