Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
Data File : BF109779.D
Acq On : 11 Oct 2018 9:02
Operator : JU/SJ
Sample : J5299-08
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 11 11:06:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	86913	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	357314	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	166285	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	286019	20.00	ng	0.00
75) Chrysene-d12	13.83	240	217444	20.00	ng	0.00
86) Perylene-d12	15.23	264	205469	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	188283	38.45	ng	0.00
7) Phenol-d6	6.35	99	157628	24.10	ng	-0.01
23) Nitrobenzene-d5	7.26	82	619888	95.63	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	137643	75.97	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1092338	90.47	ng	0.00
78) Terphenyl-d14	12.78	244	903354	80.42	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	9422	2.238	ng	# 74
19) n-Nitroso-di-n-propylamine	7.26	70	78117	17.030	ng	# 75
25) Isophorone	7.26	82	619885	57.589	ng	# 67
49) Dimethylphthalate	9.45	163	26682	2.188	ng	98
50) 2,6-Dinitrotoluene	9.72	165	20438	7.731	ng	# 23
56) 2,4-Dinitrotoluene	9.72	165	20776	6.298	ng	# 19
66) 4-Bromophenyl-phenylether	10.51	248	7940	2.416	ng	# 1

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

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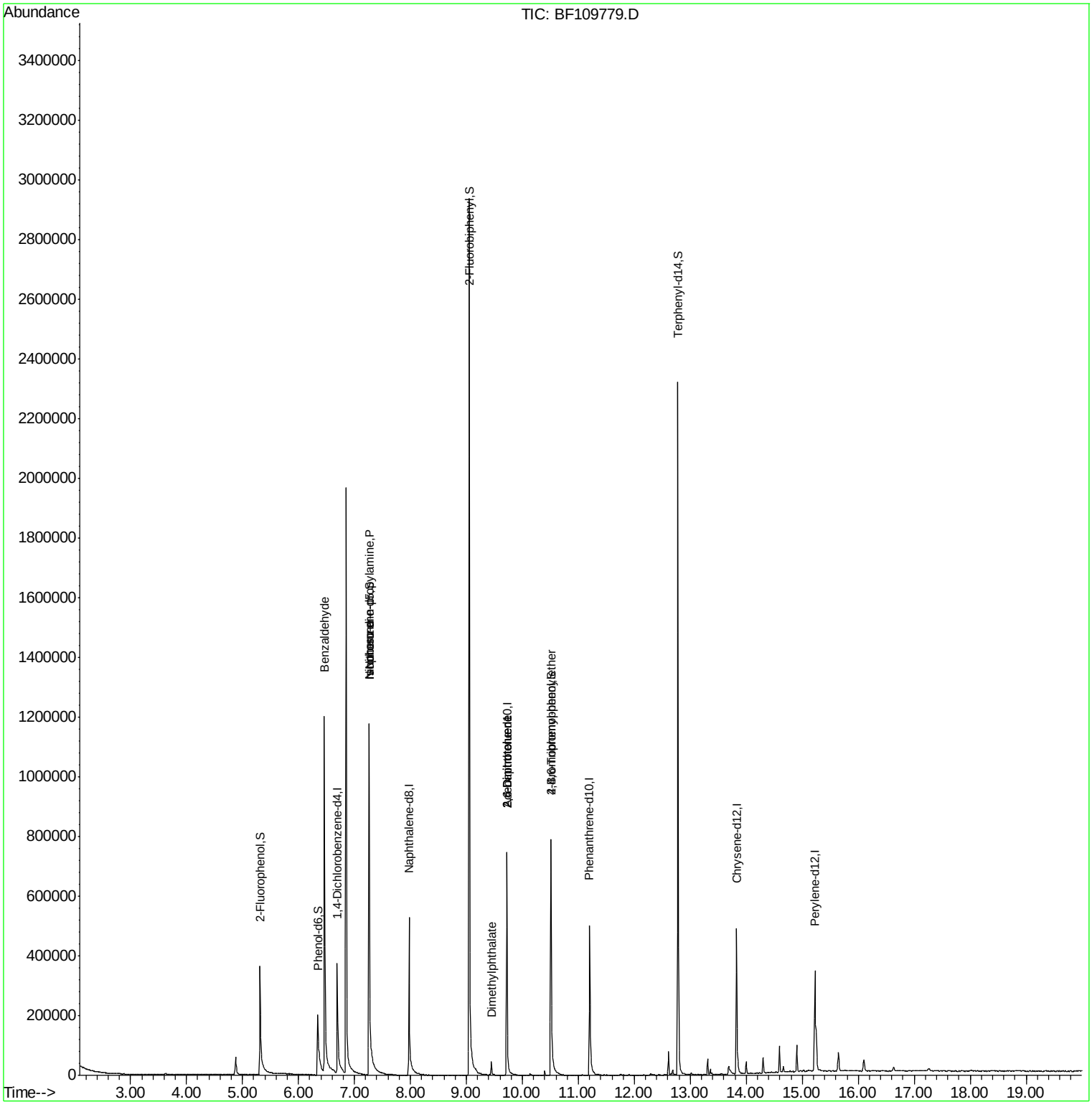
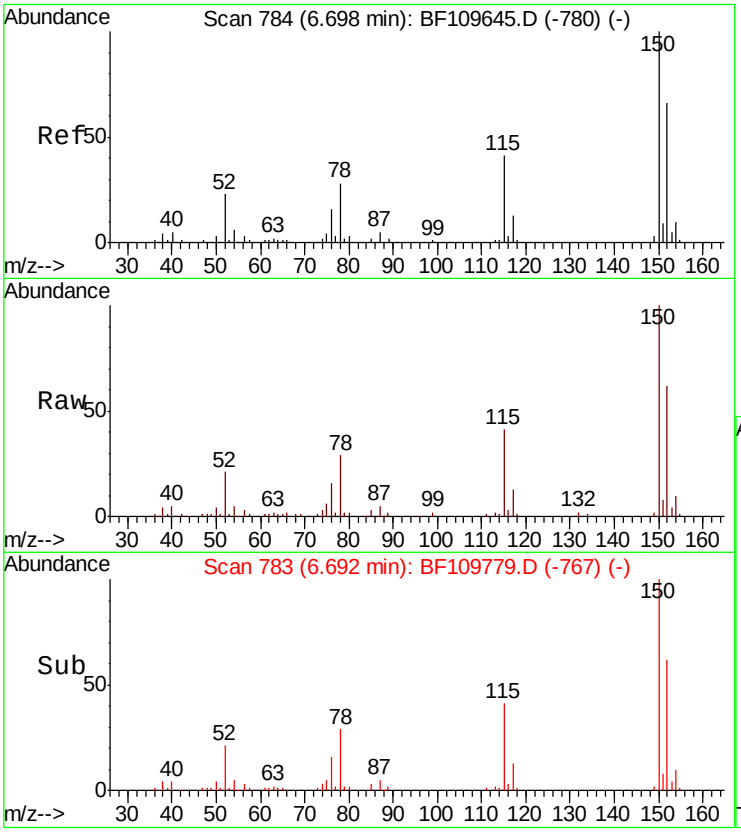


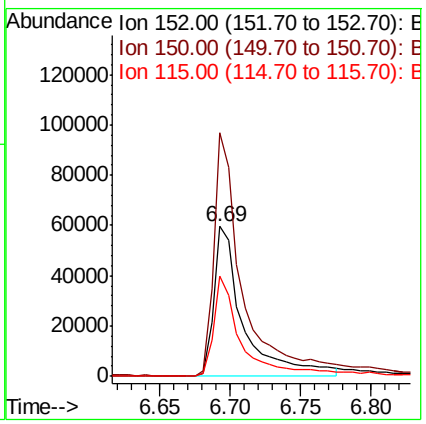


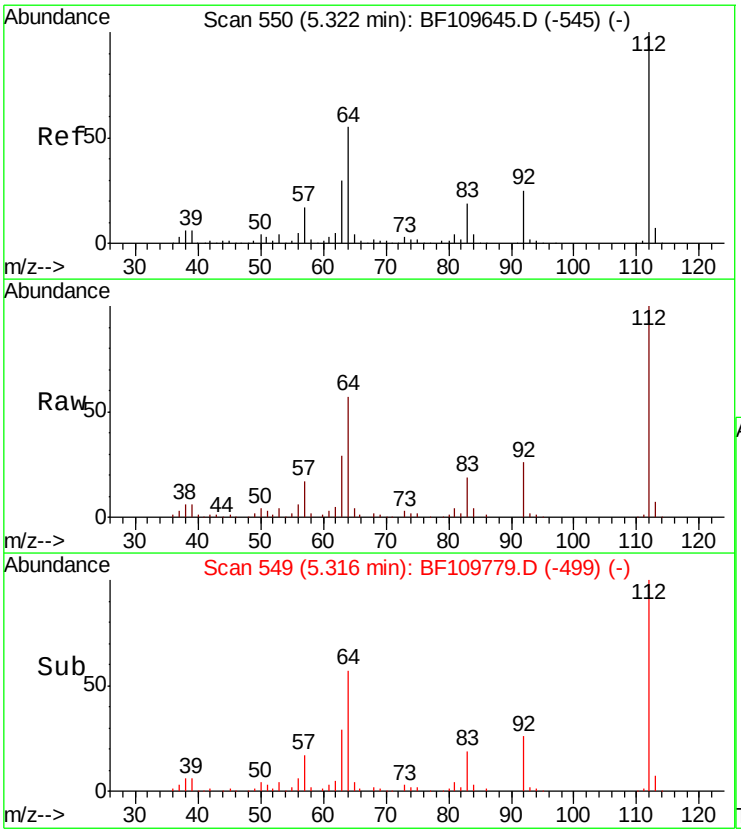
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109779.D
Acq: 11 Oct 2018 9:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 86913

Ion	Ratio	Lower	Upper
152	100		
150	162.5	122.7	184.1
115	66.5	49.1	73.7

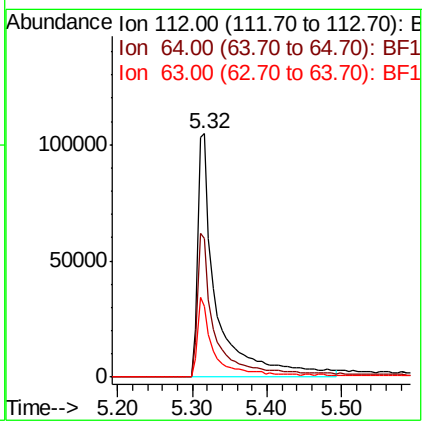


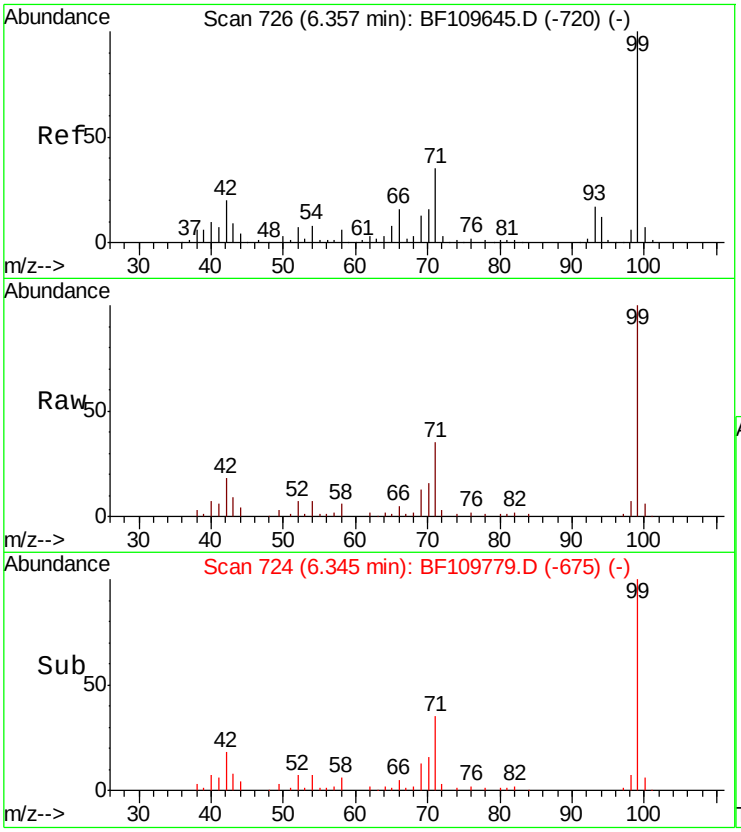


#5
2-Fluorophenol
Concen: 38.453 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109779.D
Acq: 11 Oct 2018 9:02

Tgt Ion:112 Resp: 188283

Ion	Ratio	Lower	Upper
112	100		
64	57.1	44.1	66.1
63	29.3	23.7	35.5



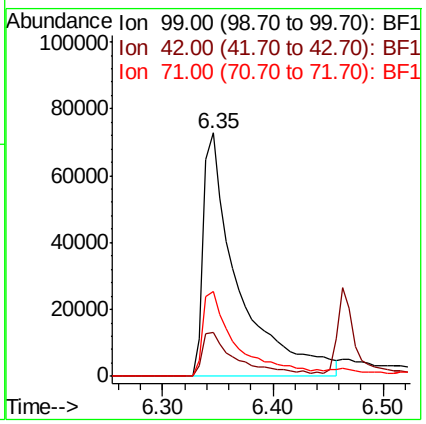


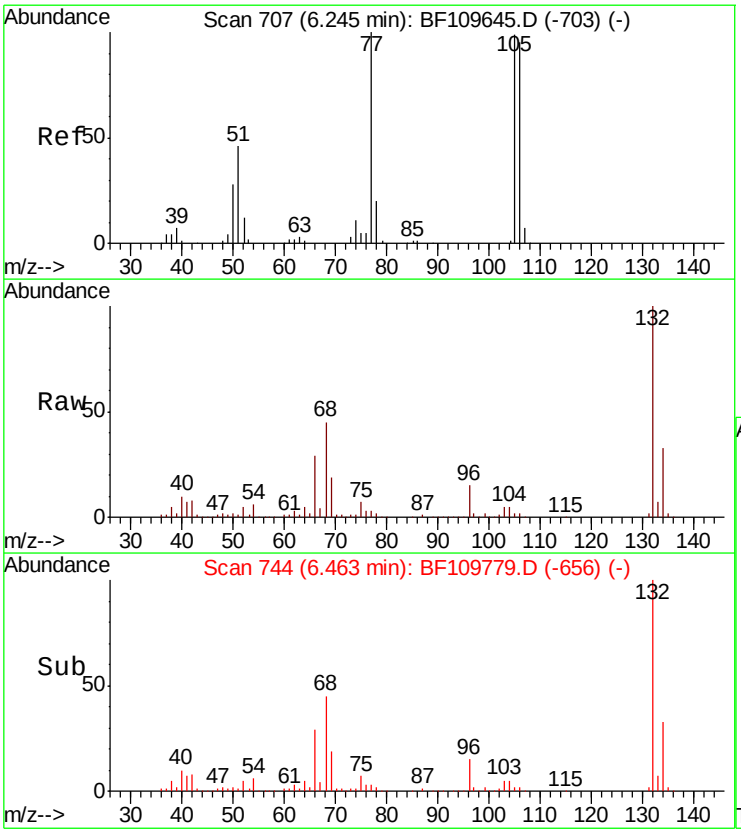
#7
Phenol-d6
Concen: 24.098 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109779.D
Acq: 11 Oct 2018 9:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 157628

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.8	23.6
71	34.9	28.0	42.0

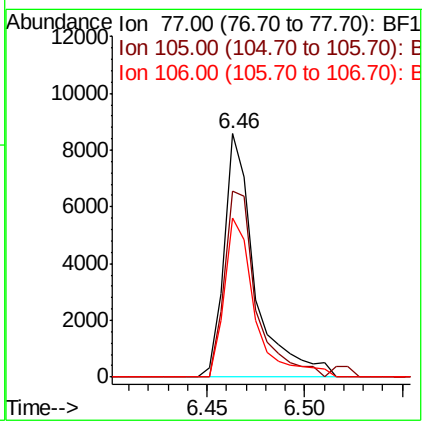


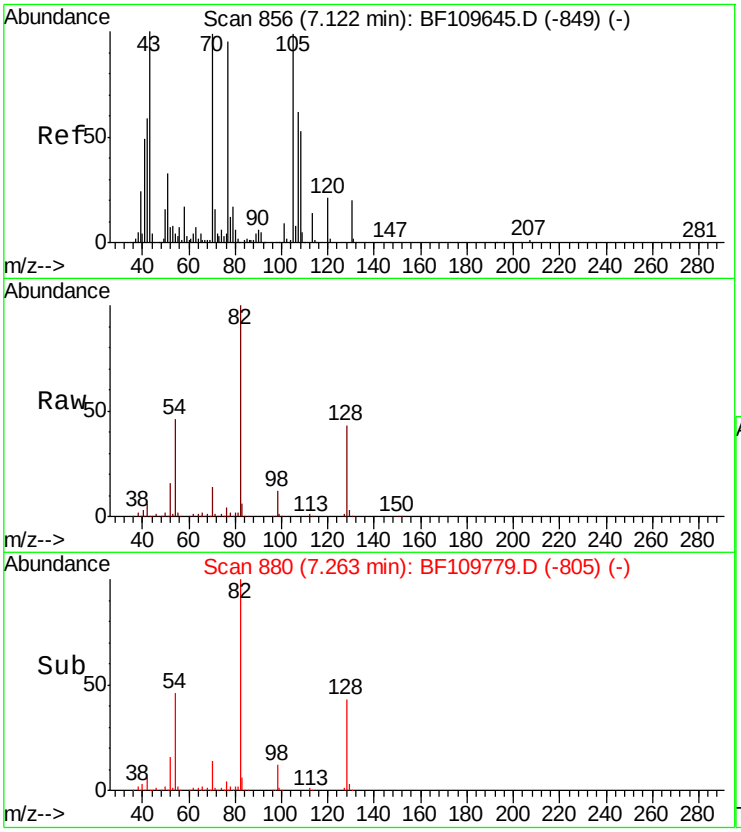


#9
Benzaldehyde
Concen: 2.238 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.22 min
Lab File: BF109779.D
Acq: 11 Oct 2018 9:02

Tgt Ion: 77 Resp: 9422

Ion	Ratio	Lower	Upper
77	100		
105	76.5	78.6	118.6#
106	65.3	74.8	114.8#



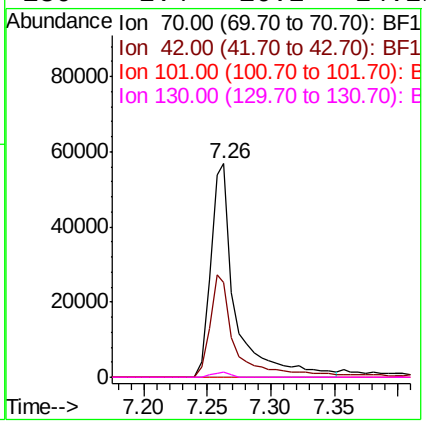


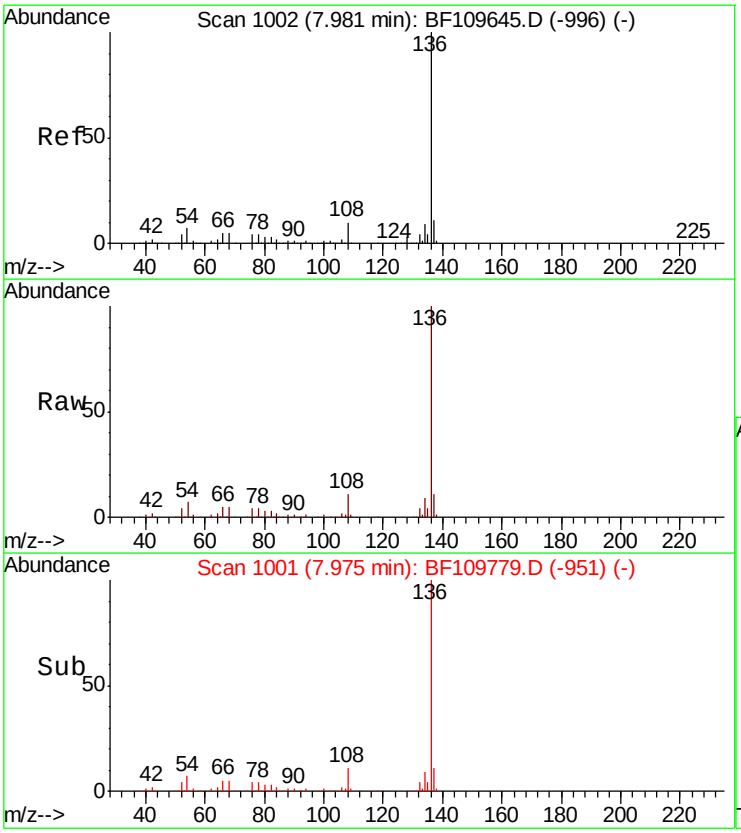
#19
n-Nitroso-di-n-propylamine
Concen: 17.030 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF109779.D
Acq: 11 Oct 2018 9:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 78117

Ion	Ratio	Lower	Upper
70	100		
42	44.4	47.4	71.2#
101	0.0	7.3	10.9#
130	2.4	16.2	24.2#

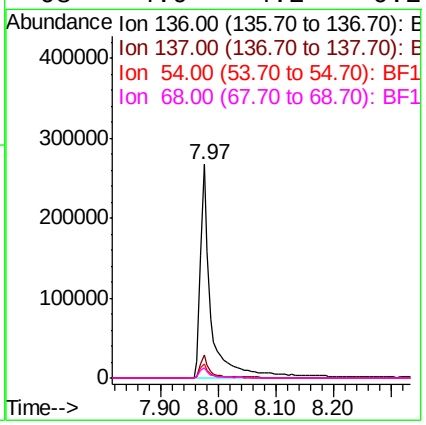


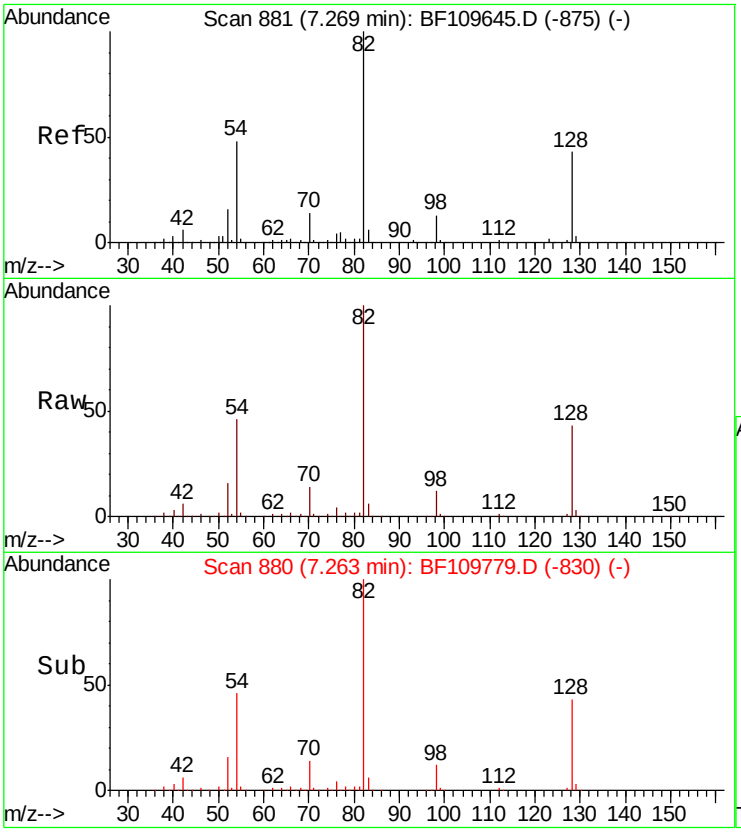


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109779.D
Acq: 11 Oct 2018 9:02

Tgt Ion:136 Resp: 357314

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.9	5.4	8.2
68	4.9	4.2	6.2



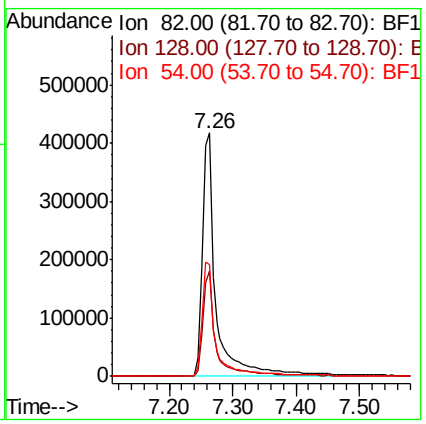


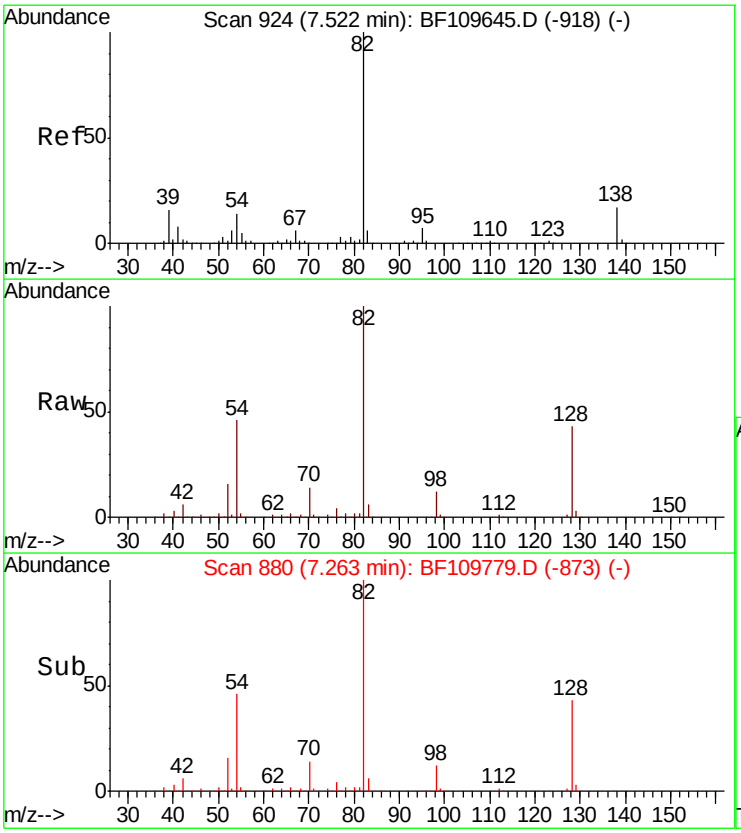
#23
Nitrobenzene-d5
Concen: 95.631 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109779.D
Acq: 11 Oct 2018 9:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 619888

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.2	51.2
54	45.8	38.6	58.0

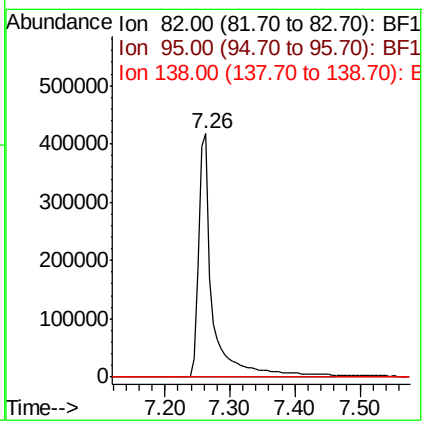


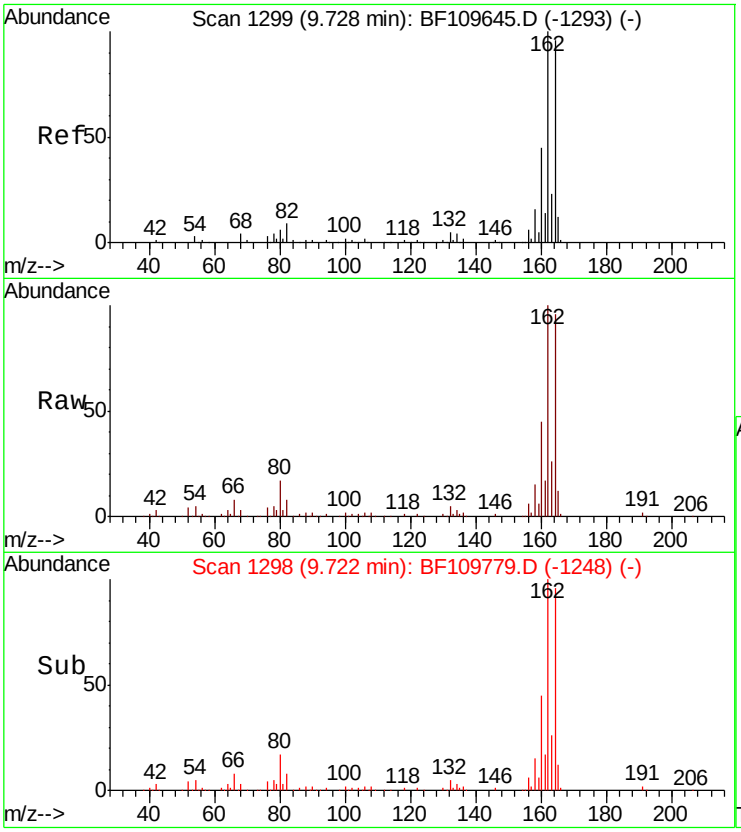


#25
Isophorone
Concen: 57.589 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.26 min
Lab File: BF109779.D
Acq: 11 Oct 2018 9:02

Tgt Ion: 82 Resp: 619885

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



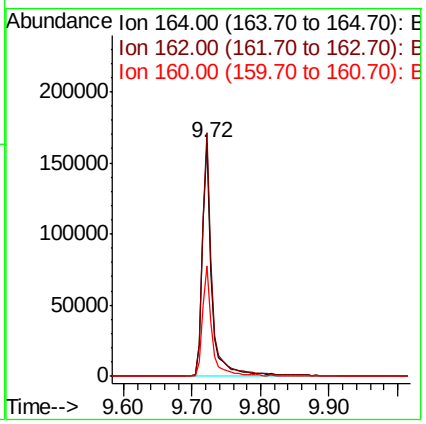


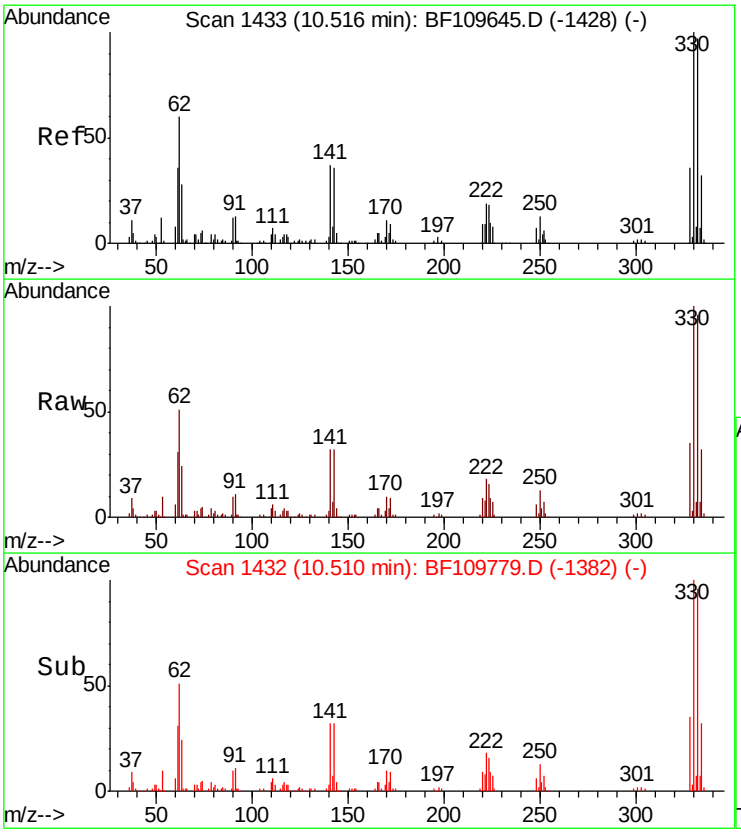
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109779.D
Acq: 11 Oct 2018 9:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 166285

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.0	124.6
160	47.2	37.0	55.6

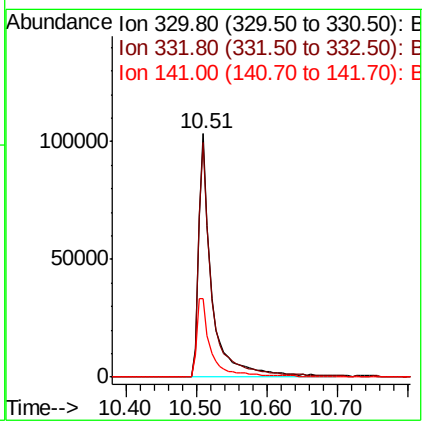


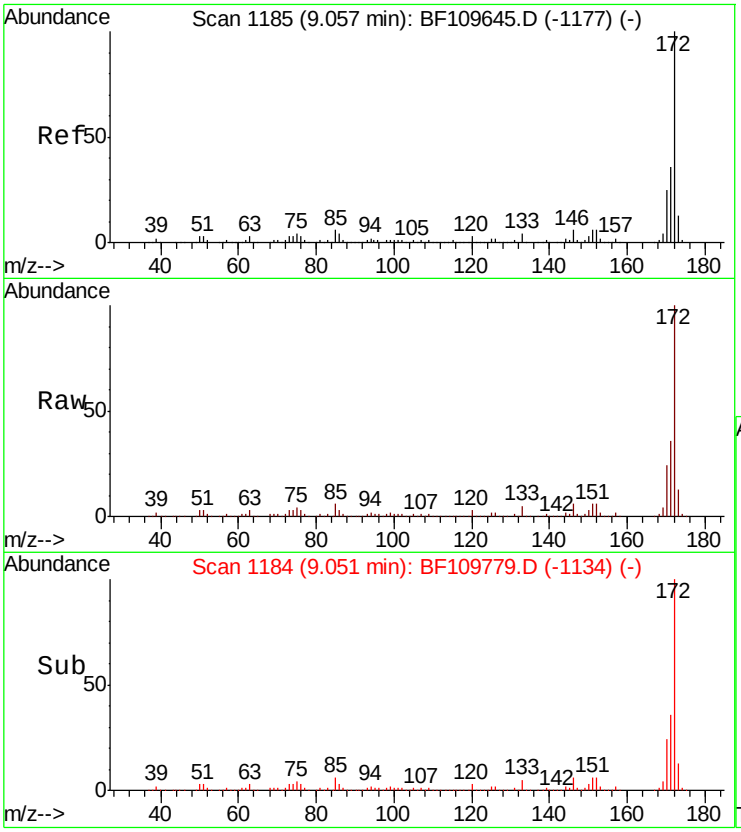


#41
2,4,6-Tribromophenol
Concen: 75.968 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109779.D
Acq: 11 Oct 2018 9:02

Tgt Ion:330 Resp: 137643

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.1	115.7
141	35.9	27.0	40.4



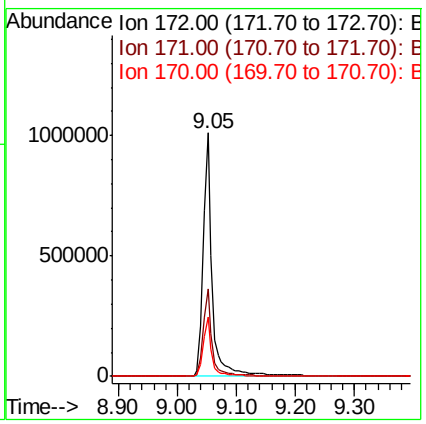


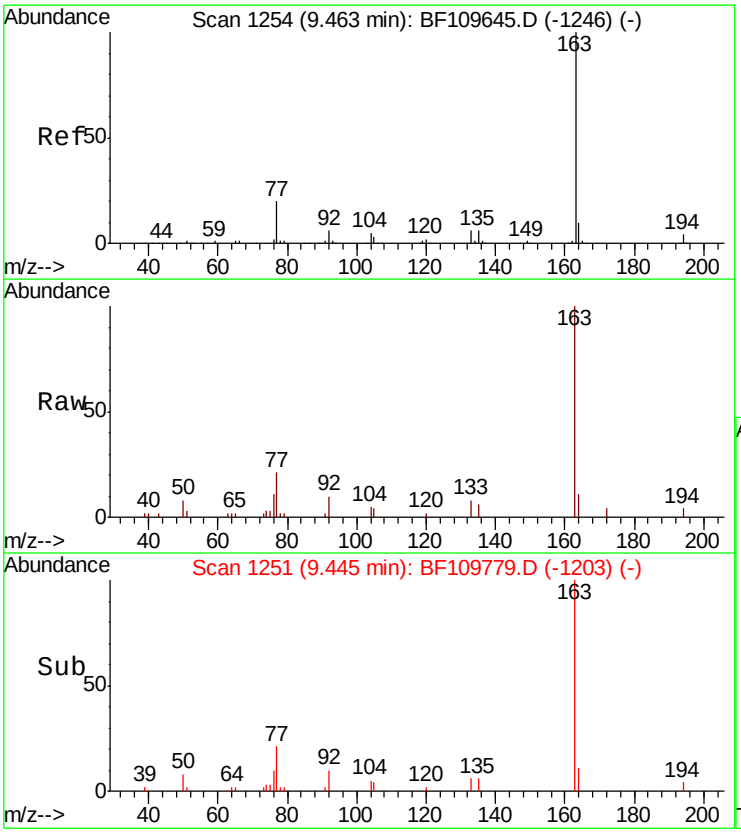
#44
2-Fluorobiphenyl
Concen: 90.473 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109779.D
Acq: 11 Oct 2018 9:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1092338

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.1	19.7	29.5

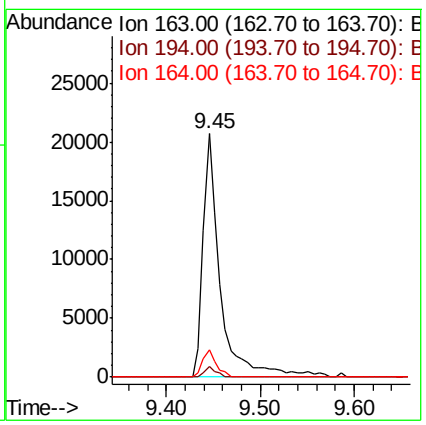


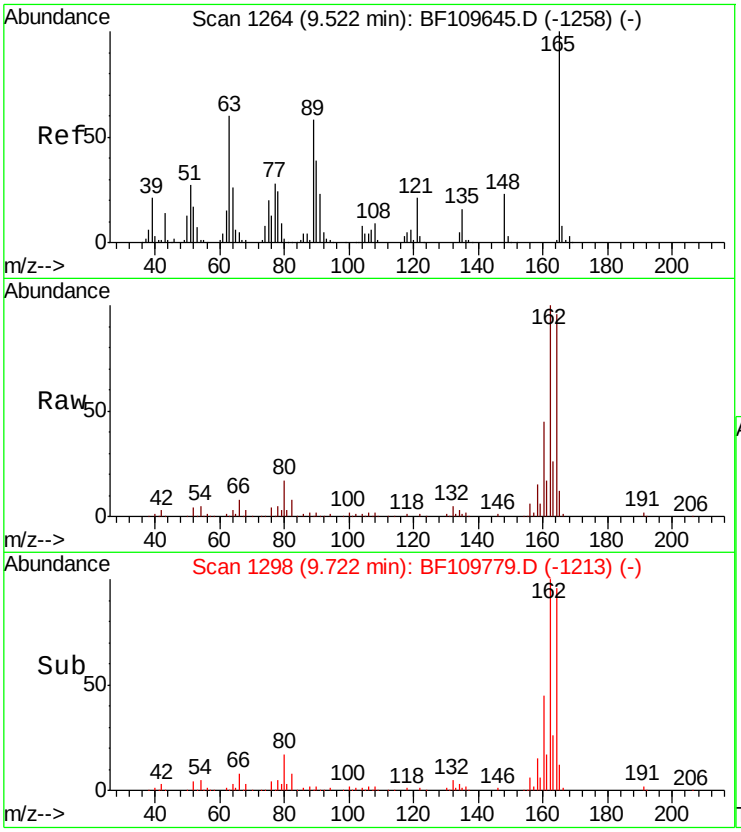


#49
Dimethylphthalate
Concen: 2.188 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109779.D
Acq: 11 Oct 2018 9:02

Tgt Ion:163 Resp: 26682

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	11.0	8.1	12.1



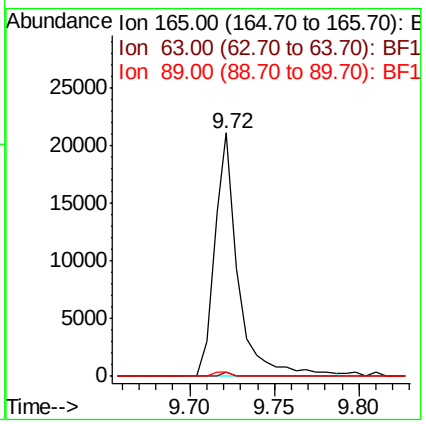


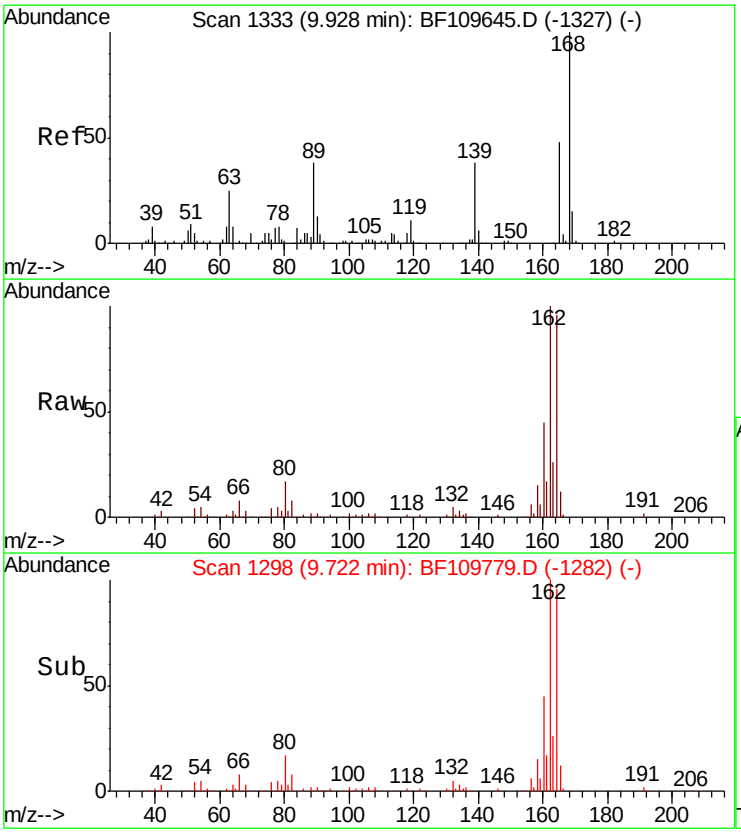
#50
2,6-Dinitrotoluene
Concen: 7.731 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109779.D
Acq: 11 Oct 2018 9:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20438

Ion	Ratio	Lower	Upper
165	100		
63	1.9	48.9	73.3#
89	1.6	46.6	69.8#

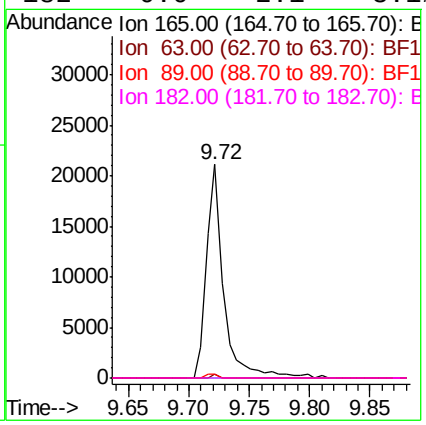


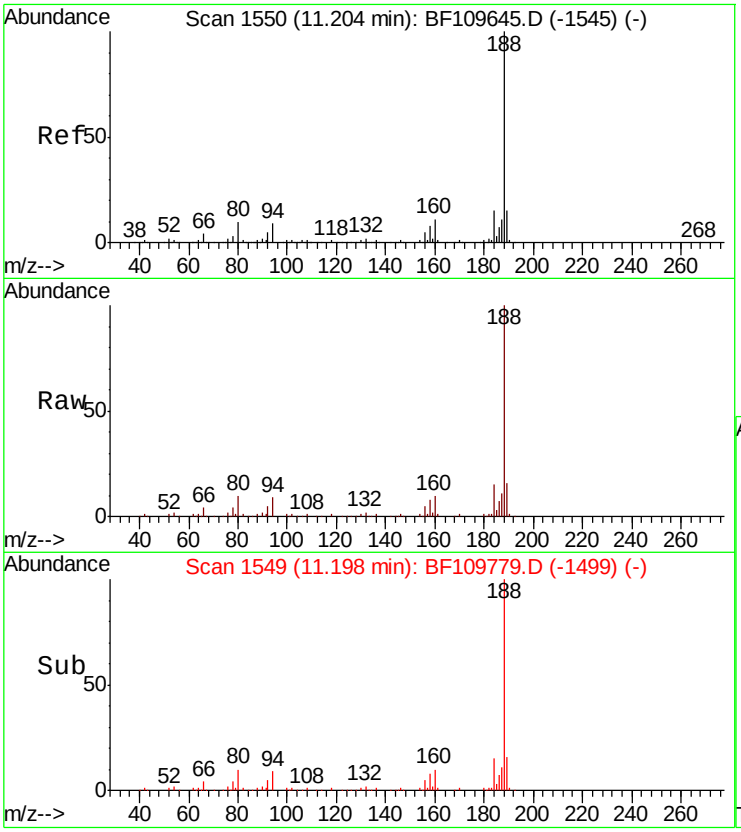


#56
2,4-Dinitrotoluene
Concen: 6.298 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109779.D
Acq: 11 Oct 2018 9:02

Tgt Ion:165 Resp: 20776

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.8	67.2#
89	1.6	62.2	93.4#
182	0.0	2.1	3.1#



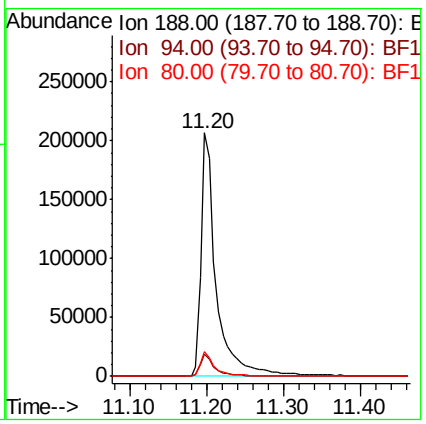


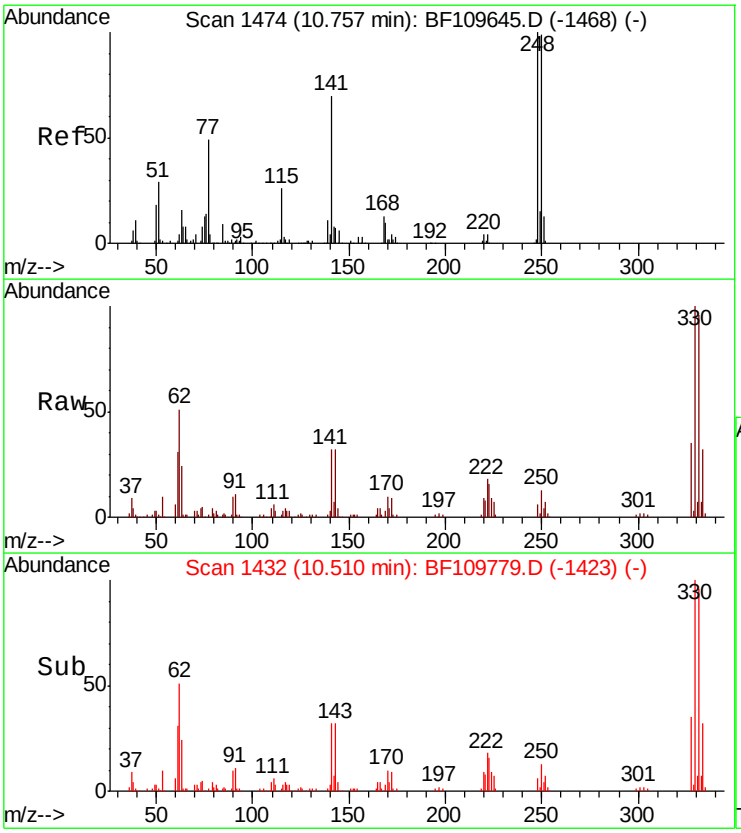
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109779.D
Acq: 11 Oct 2018 9:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 286019

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.9	7.9	11.9

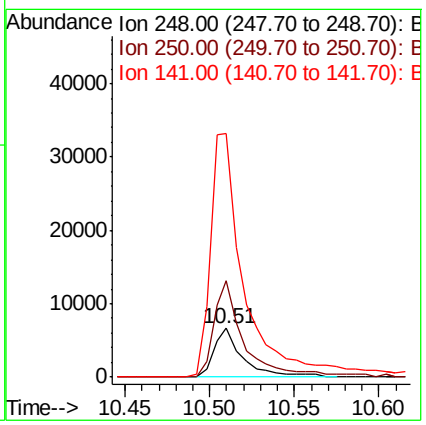


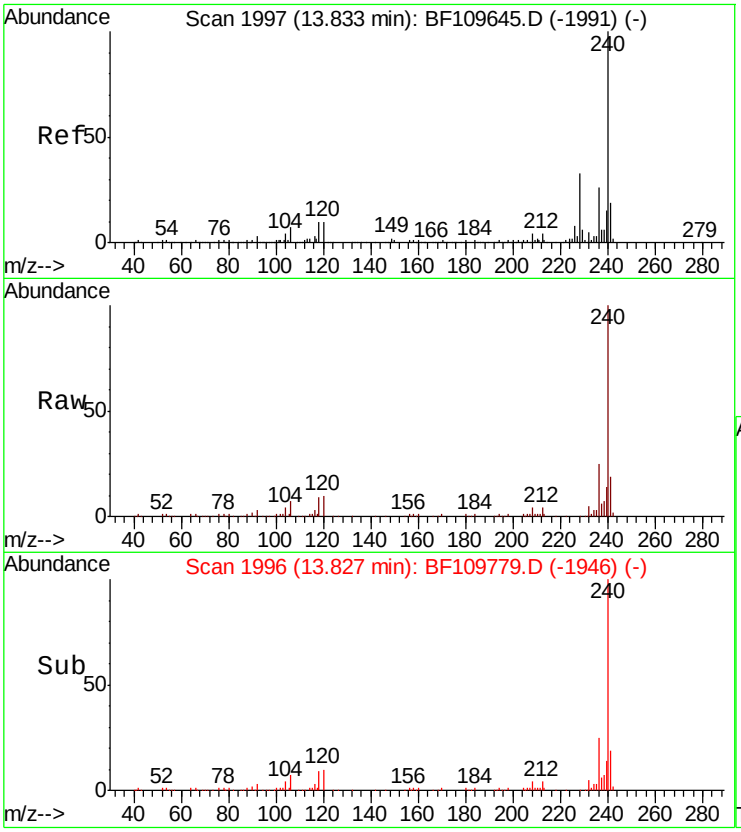


#66
4-Bromophenyl-phenylether
Concen: 2.416 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109779.D
Acq: 11 Oct 2018 9:02

Tgt Ion:248 Resp: 7940

Ion	Ratio	Lower	Upper
248	100		
250	198.7	79.4	119.2#
141	498.9	55.9	83.9#



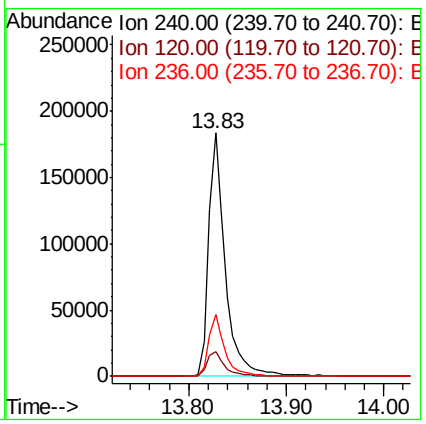


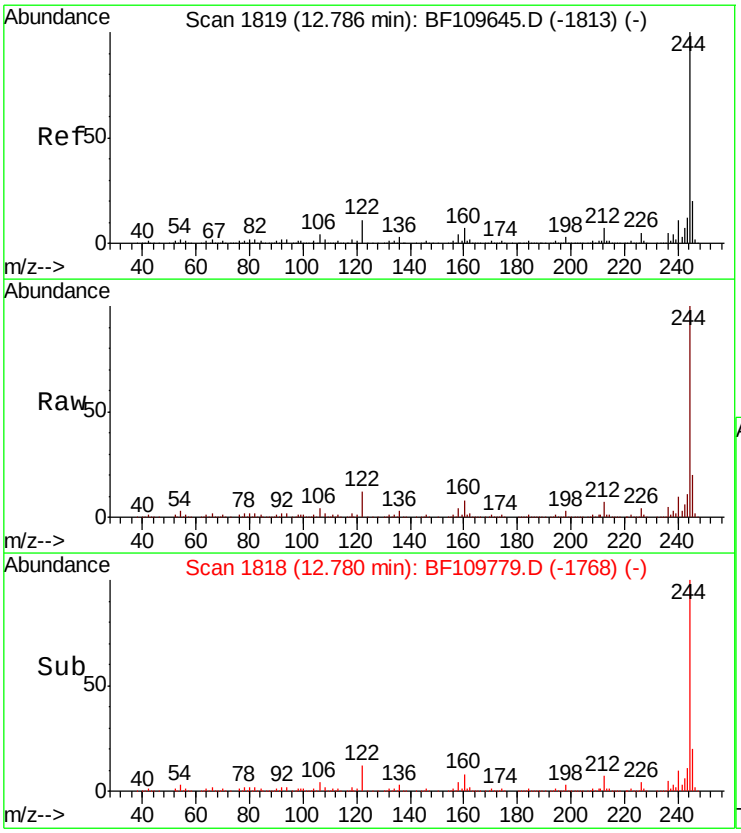
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109779.D
Acq: 11 Oct 2018 9:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 217444

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.3	12.5
236	25.3	21.2	31.8

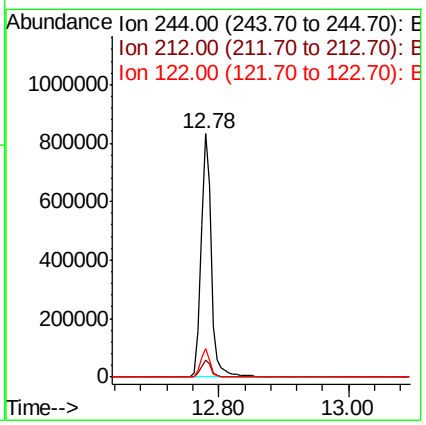


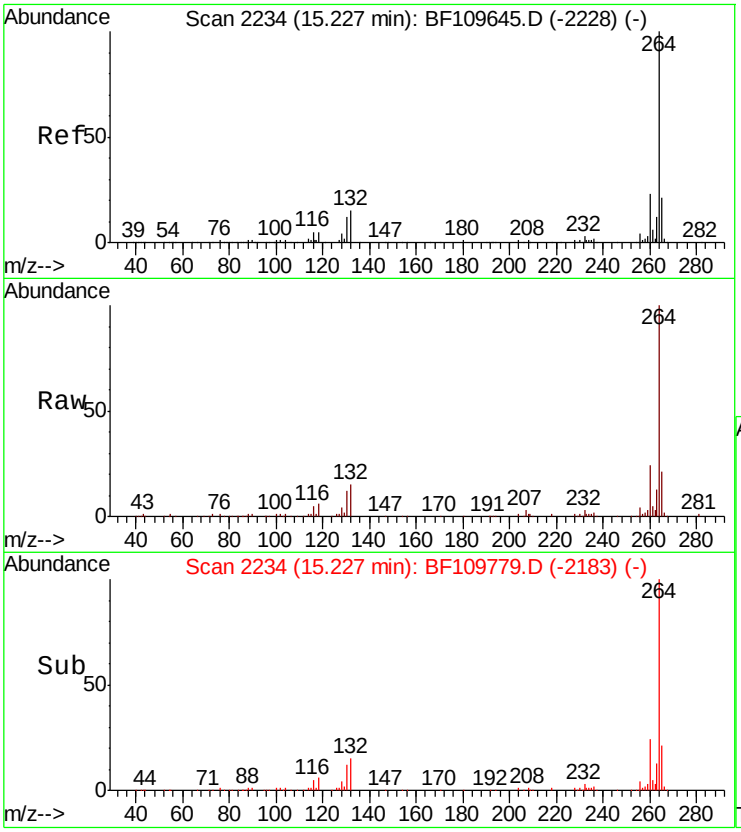


#78
Terphenyl-d14
Concen: 80.423 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109779.D
Acq: 11 Oct 2018 9:02

Tgt Ion:244 Resp: 903354

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.6	8.7	13.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF109779.D
Acq: 11 Oct 2018 9:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 205469

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	20.7	16.7	25.1