Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
Data File : BF109780.D
Acq On : 11 Oct 2018 9:30
Operator : JU/SJ
Sample : J5299-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 11 11:06:45 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	87272	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	358175	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	159927	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	290304	20.00	ng	0.00
75) Chrysene-d12	13.83	240	224845	20.00	ng	0.00
86) Perylene-d12	15.23	264	212666	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	199908	40.66	ng	-0.01
7) Phenol-d6	6.35	99	182484	27.78	ng	-0.01
23) Nitrobenzene-d5	7.26	82	632659	97.37	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	146638	84.15	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1139258	98.11	ng	0.00
78) Terphenyl-d14	12.78	244	942557	81.15	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	9581	2.267	ng	# 73
15) Benzyl Alcohol	6.85	79	9798	2.012	ng	# 52
19) n-Nitroso-di-n-propylamine	7.26	70	83555	18.140	ng	# 76
25) Isophorone	7.26	82	632655	58.634	ng	# 67
49) Dimethylphthalate	9.45	163	31402	2.677	ng	98
50) 2,6-Dinitrotoluene	9.72	165	19923	7.836	ng	# 23
56) 2,4-Dinitrotoluene	9.72	165	20046	6.318	ng	# 19
66) 4-Bromophenyl-phenylether	10.51	248	8785	2.634	ng	# 1

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

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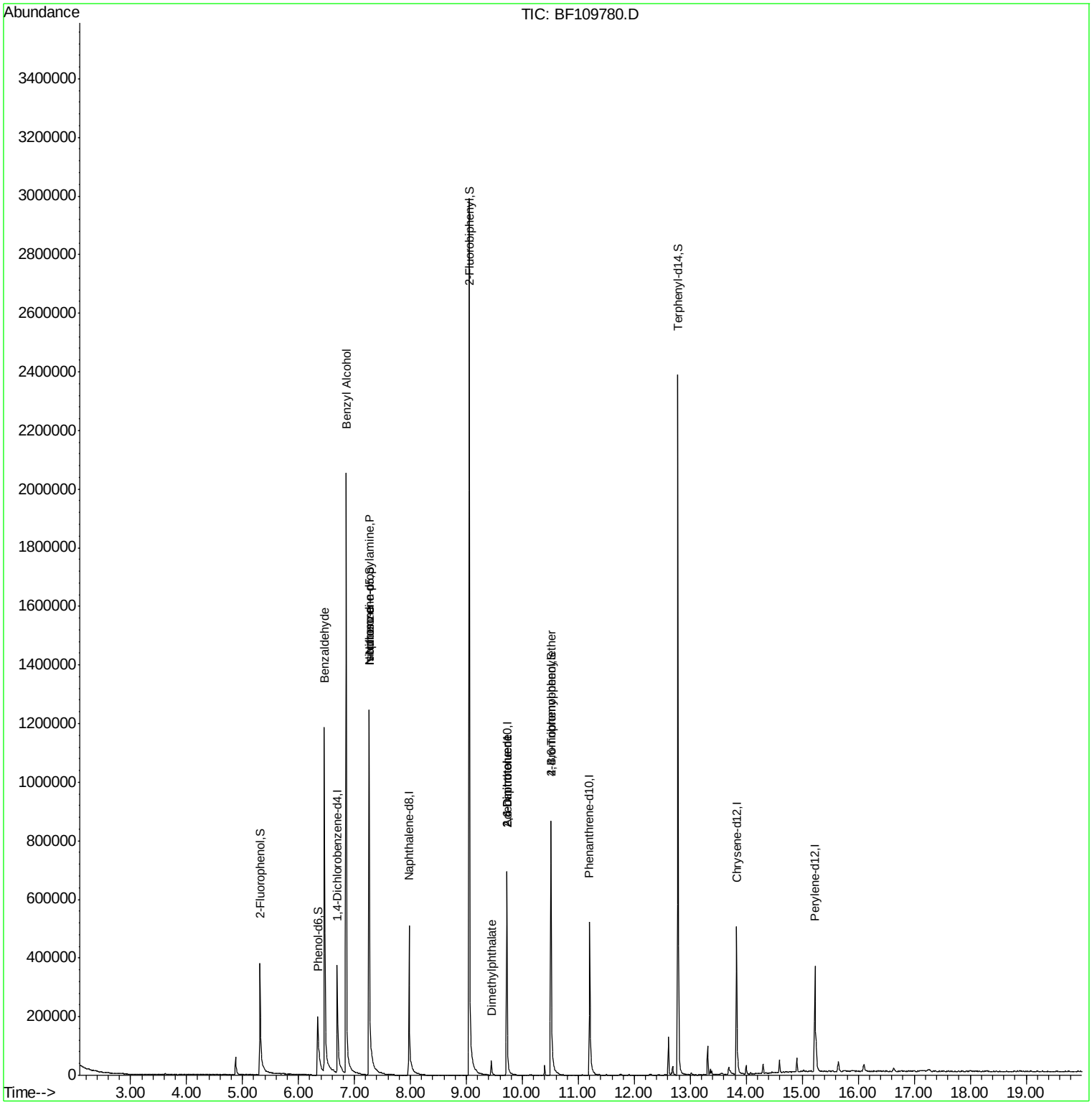
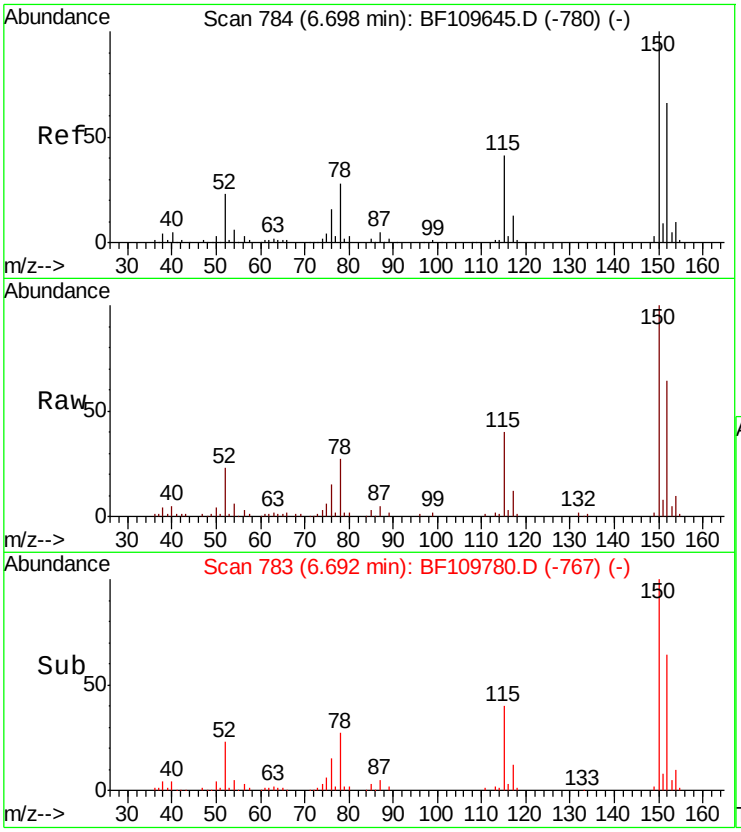


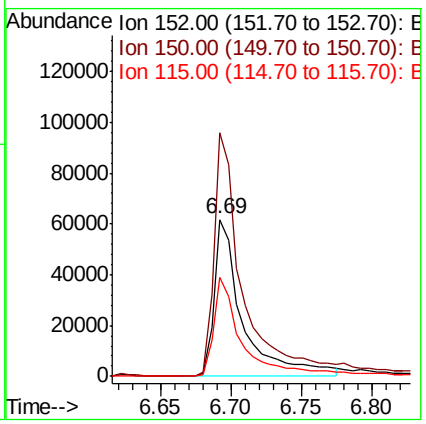


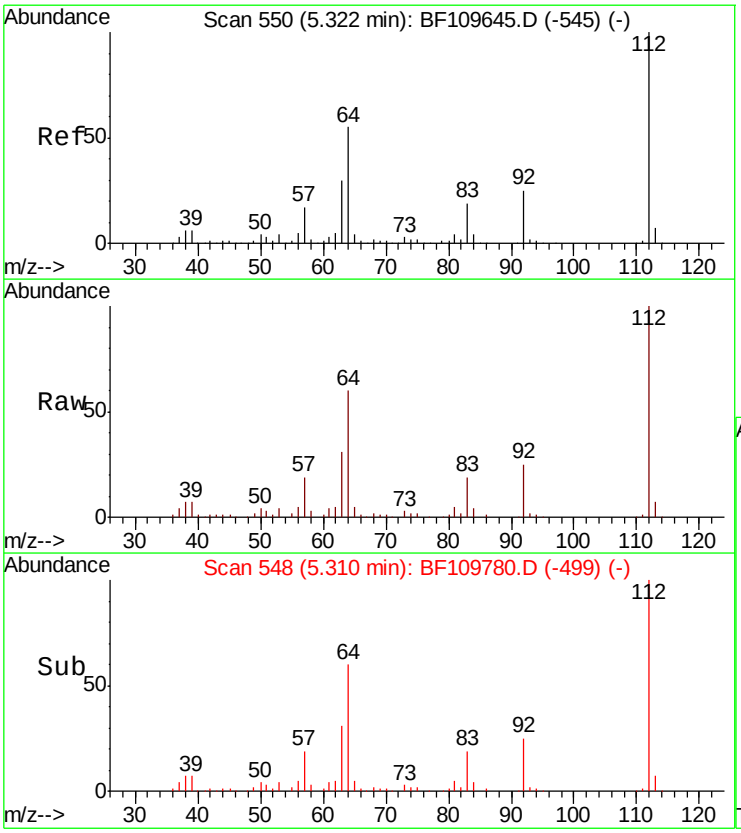
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109780.D
Acq: 11 Oct 2018 9:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 87272

Ion	Ratio	Lower	Upper
152	100		
150	155.2	122.7	184.1
115	62.7	49.1	73.7

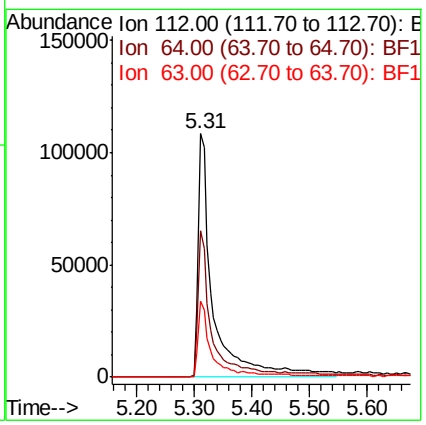


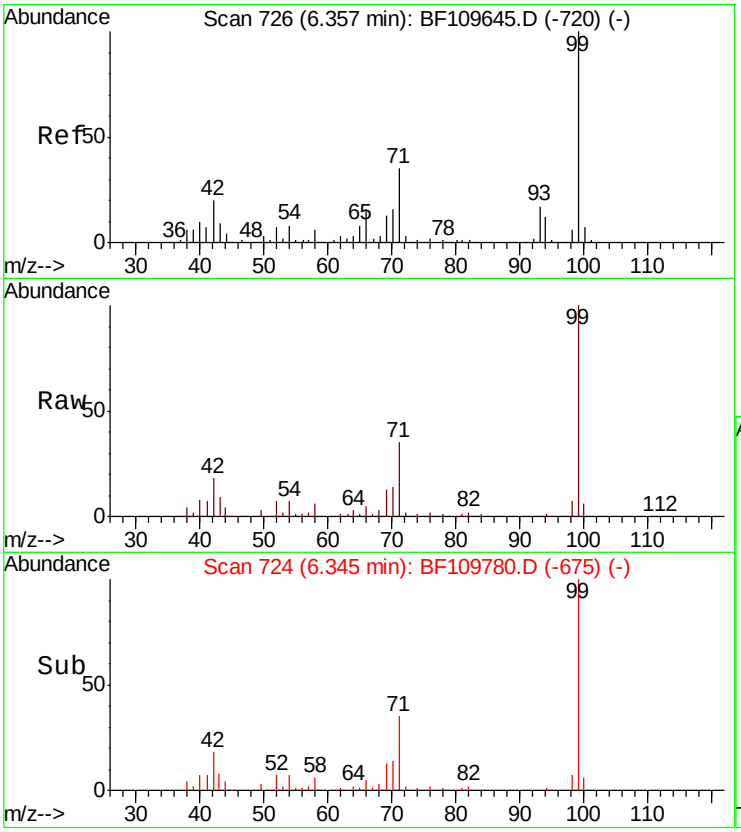


#5
2-Fluorophenol
Concen: 40.659 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109780.D
Acq: 11 Oct 2018 9:30

Tgt Ion:112 Resp: 199908

Ion	Ratio	Lower	Upper
112	100		
64	60.2	44.1	66.1
63	31.0	23.7	35.5



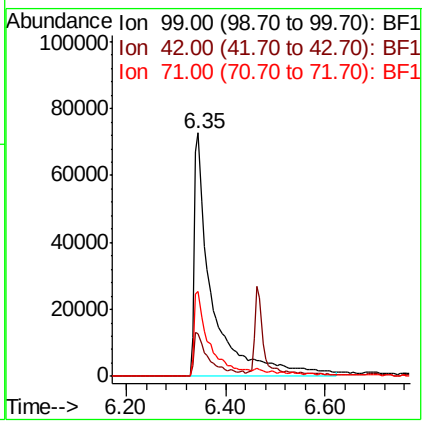


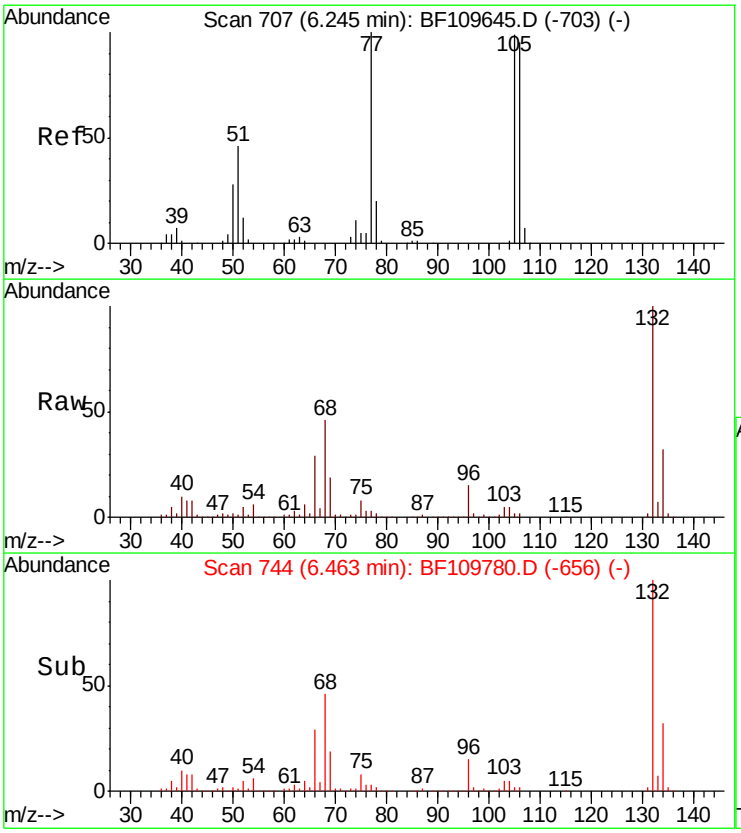
#7
Phenol-d6
Concen: 27.783 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109780.D
Acq: 11 Oct 2018 9:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 182484

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.8	23.6
71	35.1	28.0	42.0

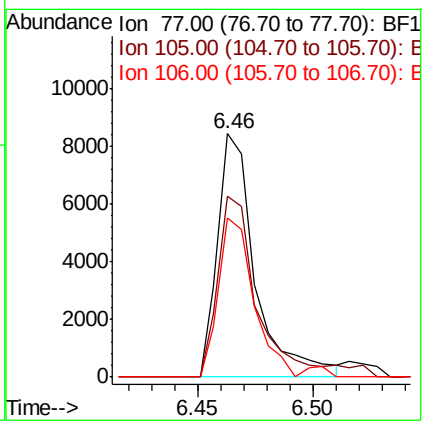


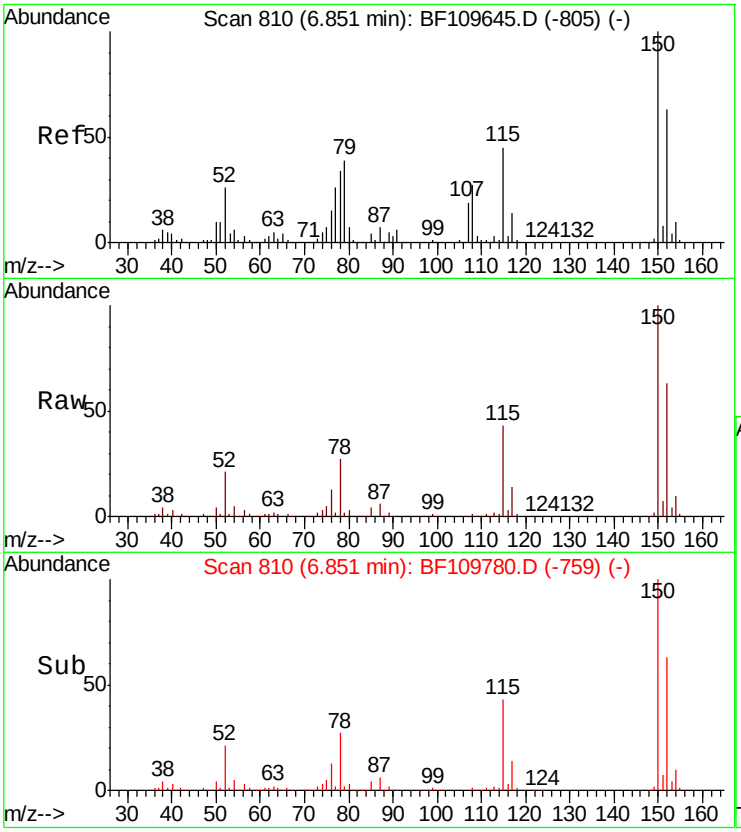


#9
Benzaldehyde
Concen: 2.267 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.22 min
Lab File: BF109780.D
Acq: 11 Oct 2018 9:30

Tgt Ion: 77 Resp: 9581

Ion	Ratio	Lower	Upper
77	100		
105	74.2	78.6	118.6#
106	65.3	74.8	114.8#



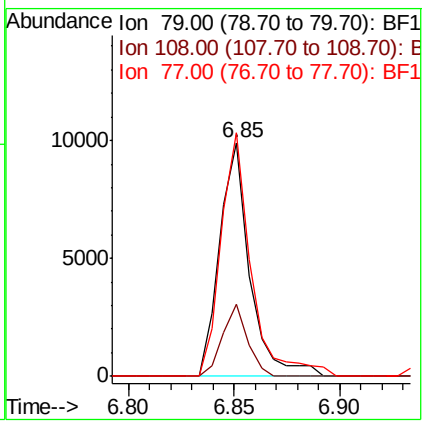


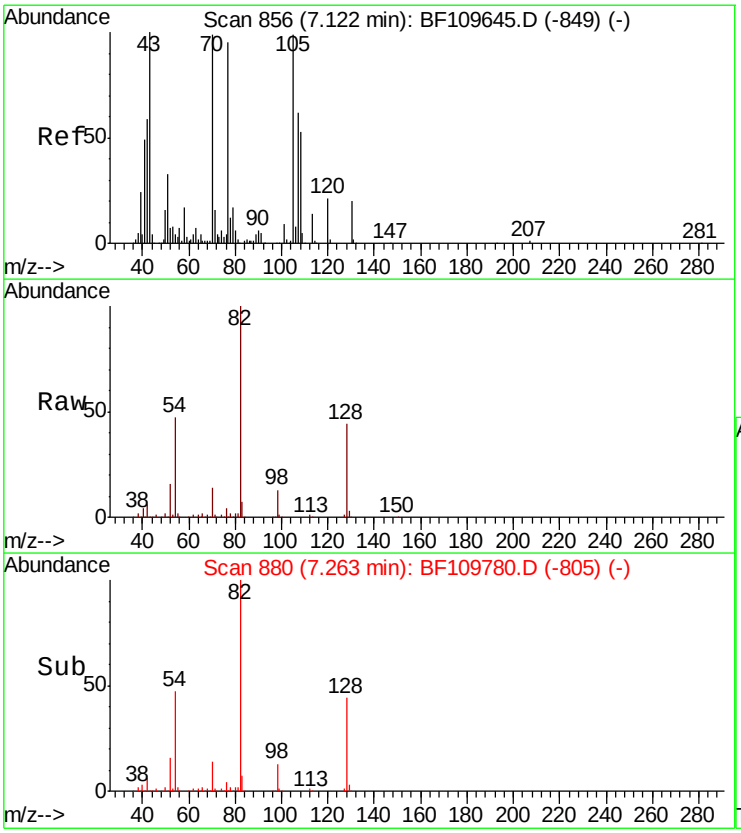
#15
Benzyl Alcohol
Concen: 2.012 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF109780.D
Acq: 11 Oct 2018 9:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 9798

Ion	Ratio	Lower	Upper
79	100		
108	30.8	56.3	84.5#
77	104.1	52.9	79.3#

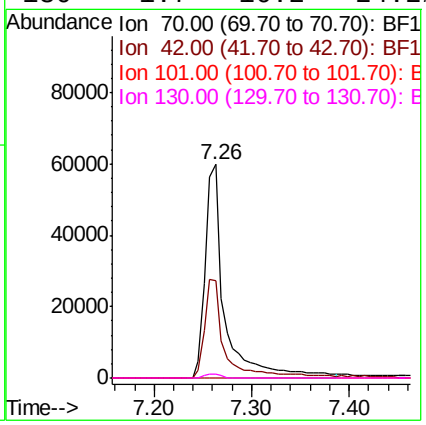


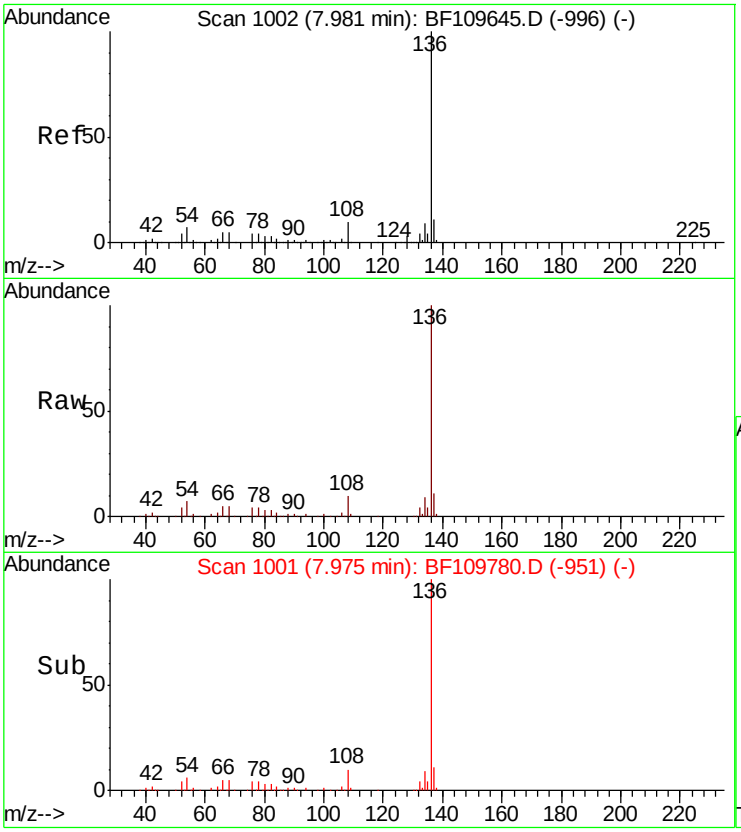


#19
n-Nitroso-di-n-propylamine
Concen: 18.140 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF109780.D
Acq: 11 Oct 2018 9:30

Tgt Ion: 70 Resp: 83555

Ion	Ratio	Lower	Upper
70	100		
42	45.4	47.4	71.2#
101	0.0	7.3	10.9#
130	1.7	16.2	24.2#



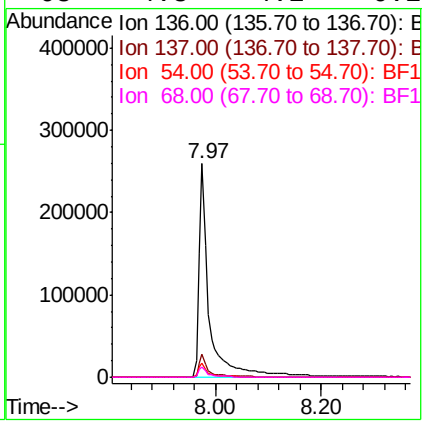


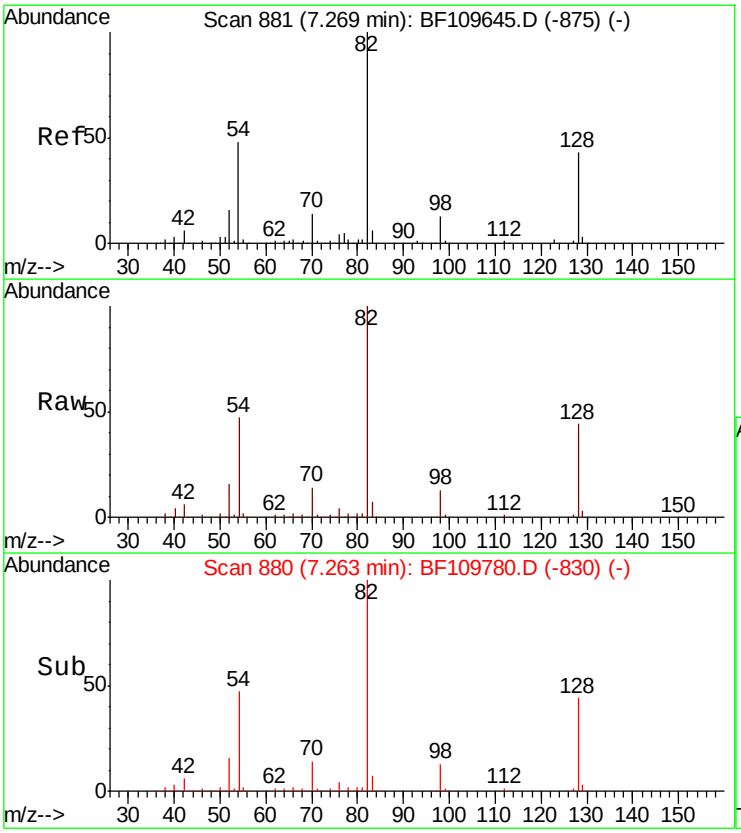
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109780.D
Acq: 11 Oct 2018 9:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 358175

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.6	5.4	8.2
68	4.8	4.2	6.2

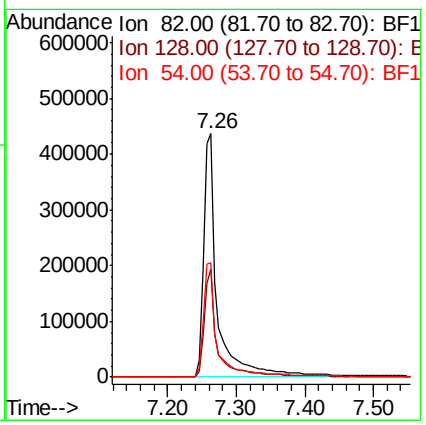


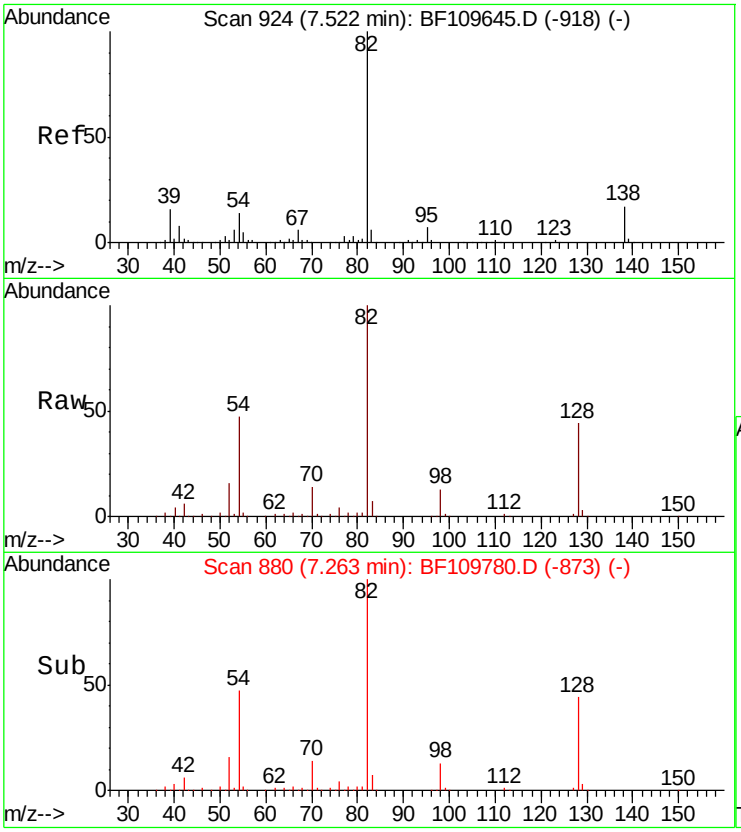


#23
Nitrobenzene-d5
Concen: 97.367 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109780.D
Acq: 11 Oct 2018 9:30

Tgt Ion: 82 Resp: 632659

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.2	51.2
54	46.8	38.6	58.0



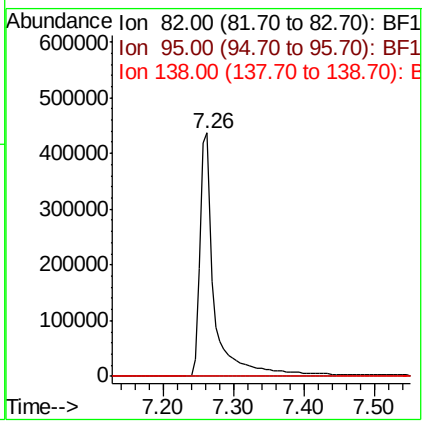


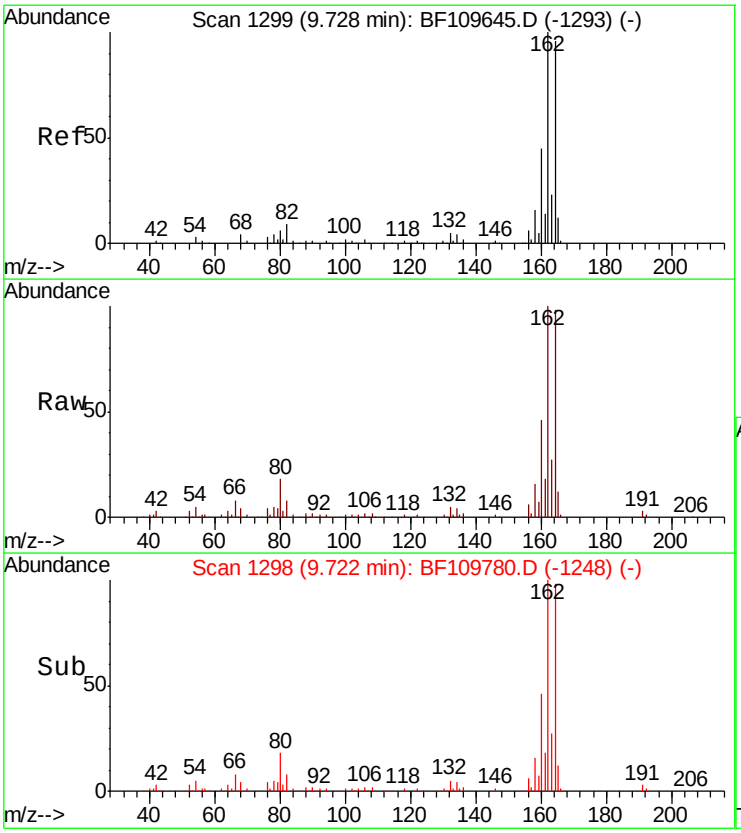
#25
Isophorone
Concen: 58.634 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.26 min
Lab File: BF109780.D
Acq: 11 Oct 2018 9:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 632655

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

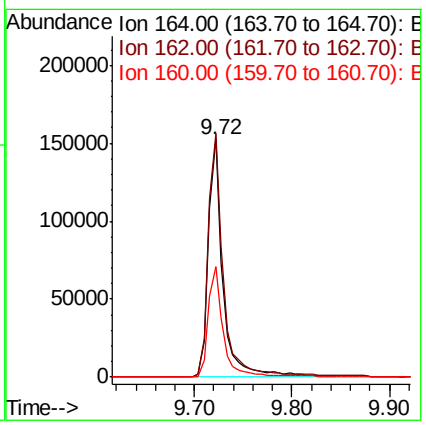


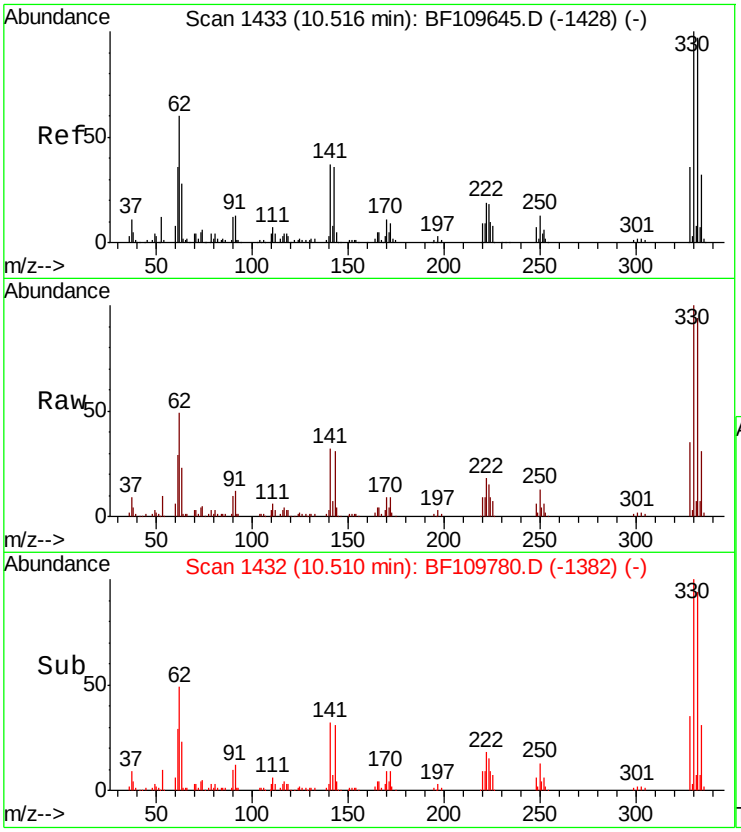


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109780.D
Acq: 11 Oct 2018 9:30

Tgt Ion:164 Resp: 159927

Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.0	124.6
160	46.5	37.0	55.6



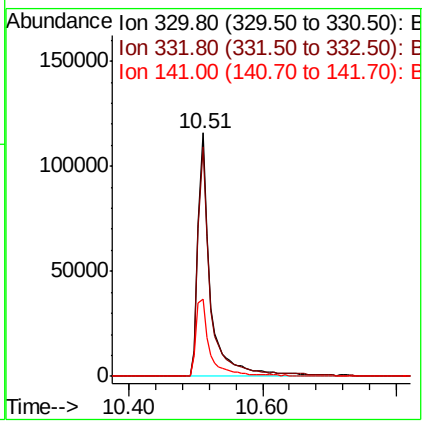


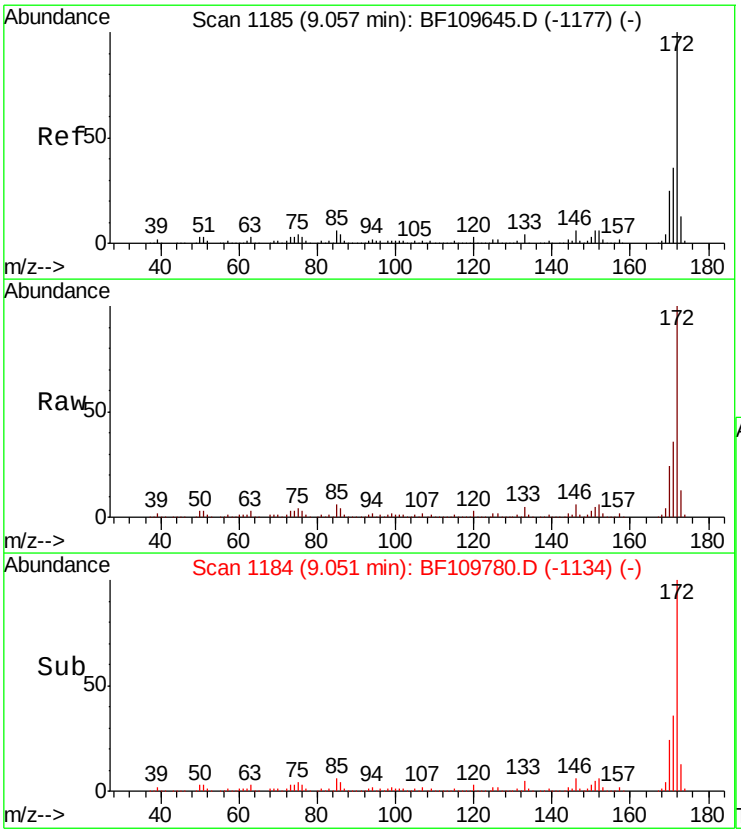
#41
2,4,6-Tribromophenol
Concen: 84.150 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109780.D
Acq: 11 Oct 2018 9:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 146638

Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.1	115.7
141	35.7	27.0	40.4

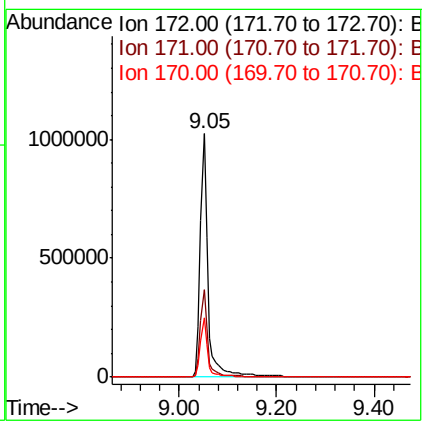


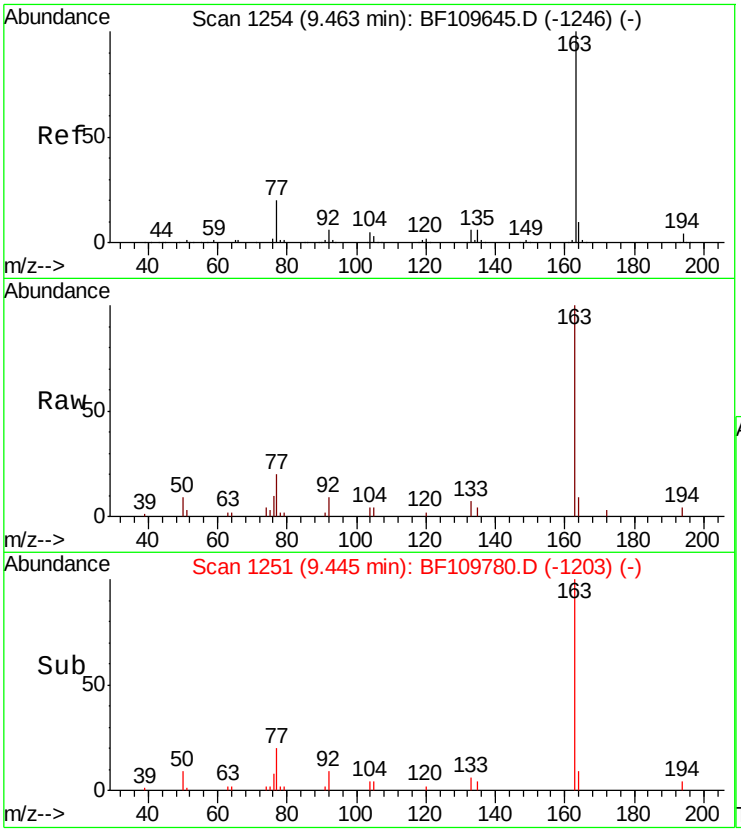


#44
2-Fluorobiphenyl
Concen: 98.110 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109780.D
Acq: 11 Oct 2018 9:30

Tgt Ion:172 Resp: 1139258

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.3	19.7	29.5

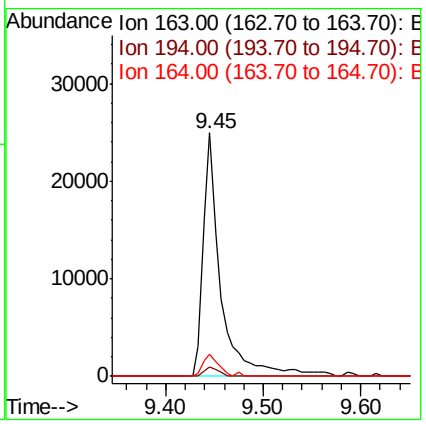




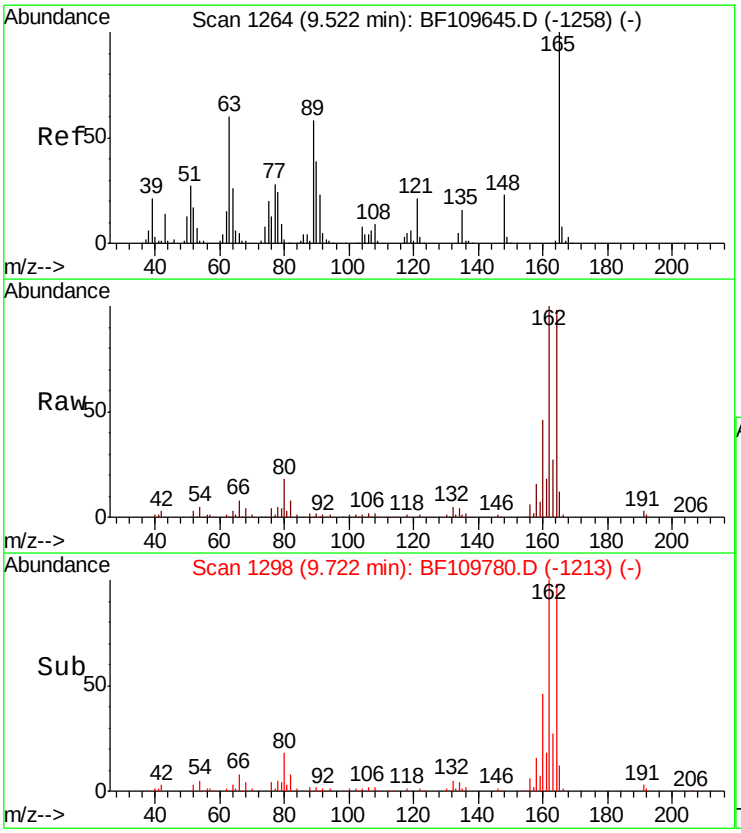
#49
Dimethylphthalate
Concen: 2.677 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109780.D
Acq: 11 Oct 2018 9:30

Tgt Ion:163 Resp: 31402

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.3	8.1	12.1



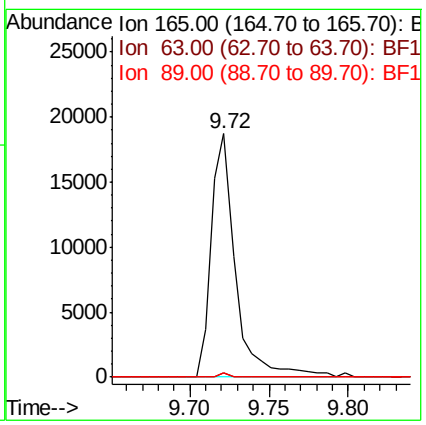
Instrument :
BNA_F
ClientSampleId :

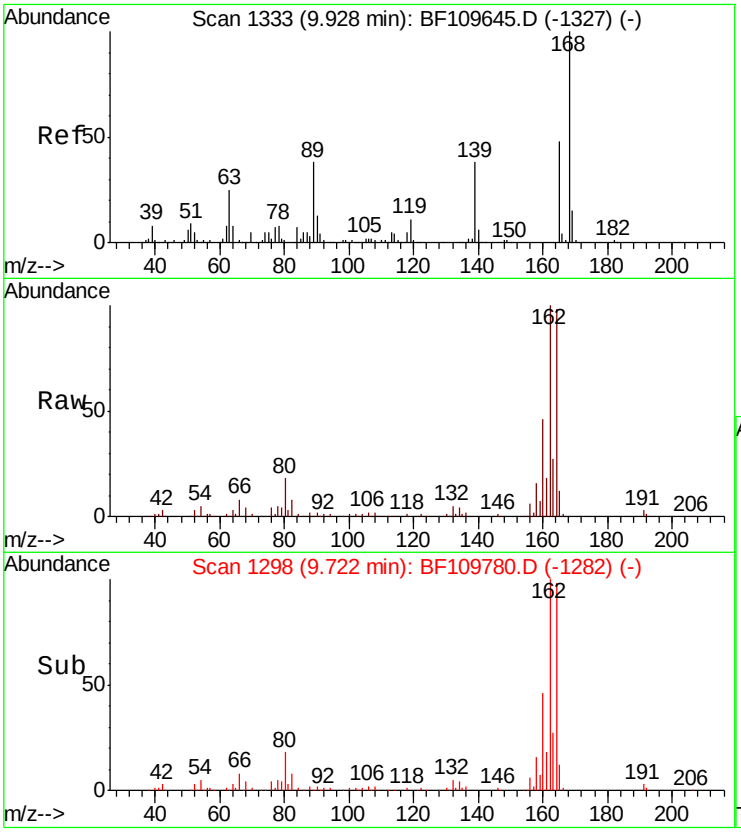


#50
2,6-Dinitrotoluene
Concen: 7.836 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109780.D
Acq: 11 Oct 2018 9:30

Tgt Ion:165 Resp: 19923

Ion	Ratio	Lower	Upper
165	100		
63	1.9	48.9	73.3#
89	1.7	46.6	69.8#



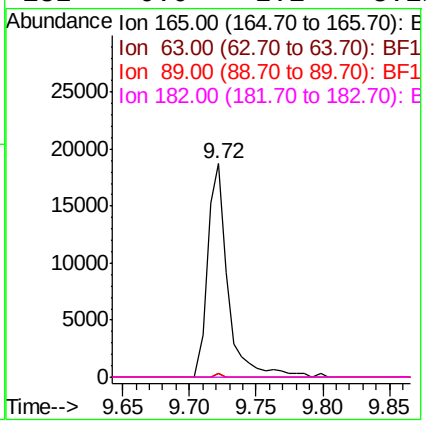


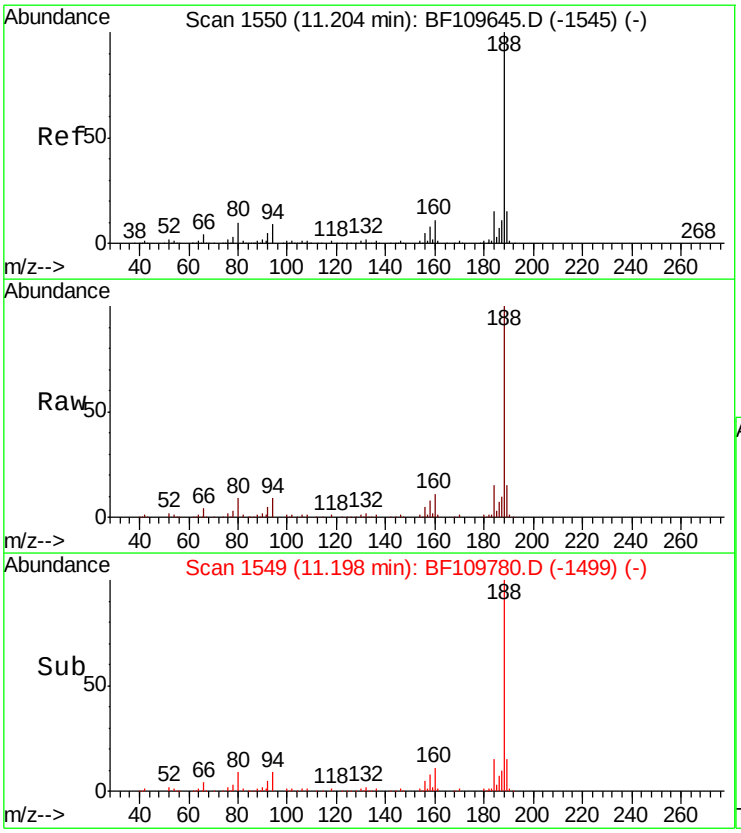
#56
2,4-Dinitrotoluene
Concen: 6.318 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109780.D
Acq: 11 Oct 2018 9:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20046

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#

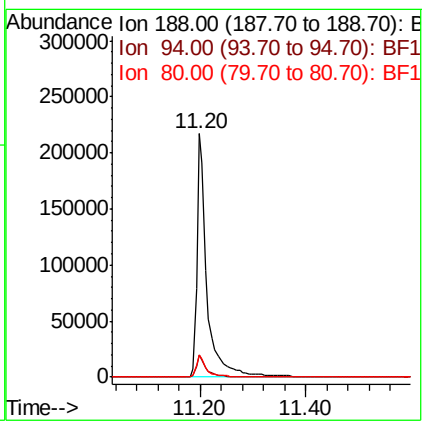


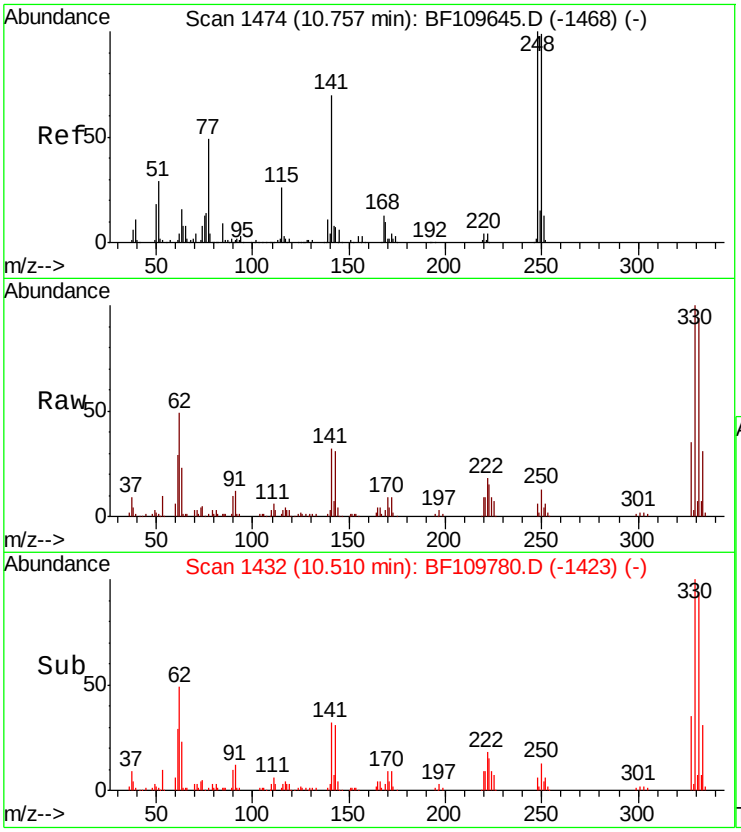


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109780.D
Acq: 11 Oct 2018 9:30

Tgt Ion:188 Resp: 290304

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	9.2	7.9	11.9



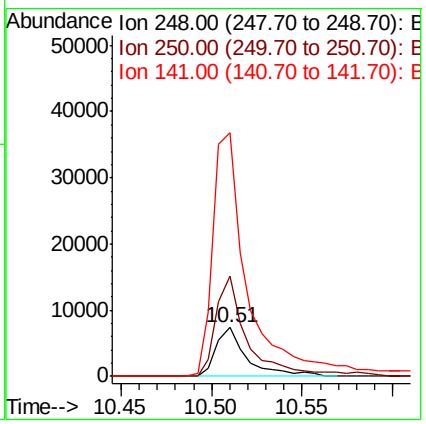


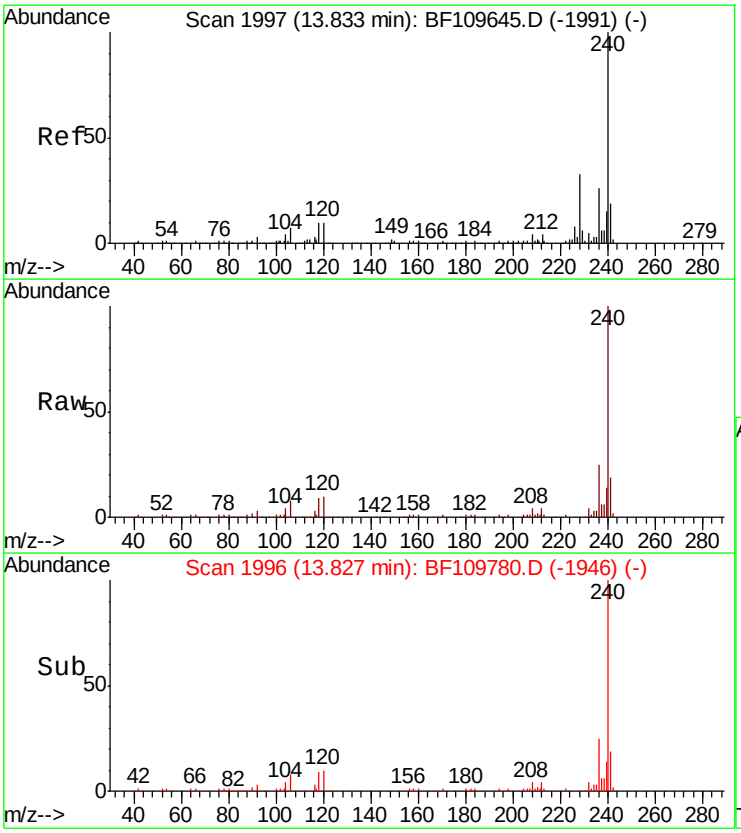
#66
4-Bromophenyl-phenylether
Concen: 2.634 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109780.D
Acq: 11 Oct 2018 9:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8785

Ion	Ratio	Lower	Upper
248	100		
250	206.3	79.4	119.2#
141	500.8	55.9	83.9#

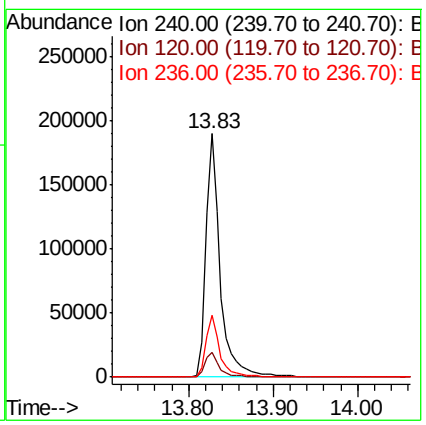


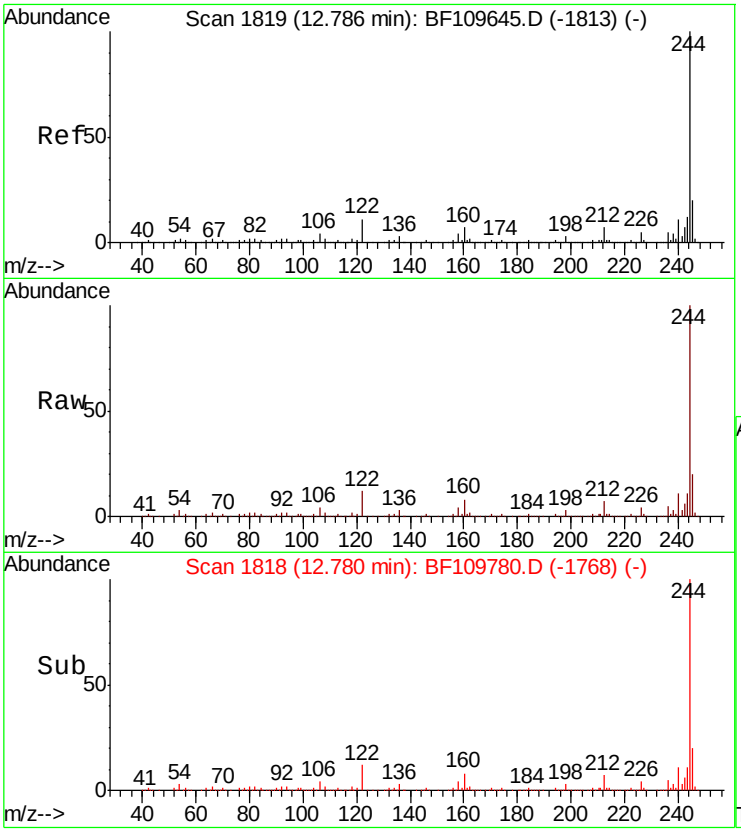


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109780.D
Acq: 11 Oct 2018 9:30

Tgt Ion:240 Resp: 224845

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.3	12.5
236	25.4	21.2	31.8



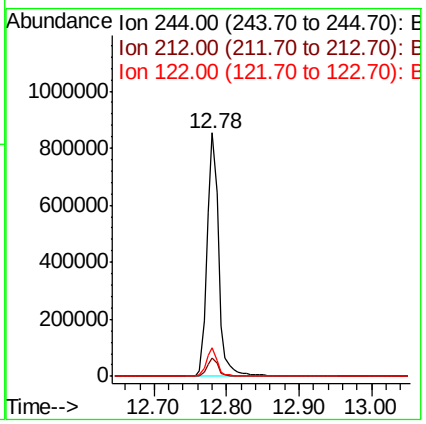


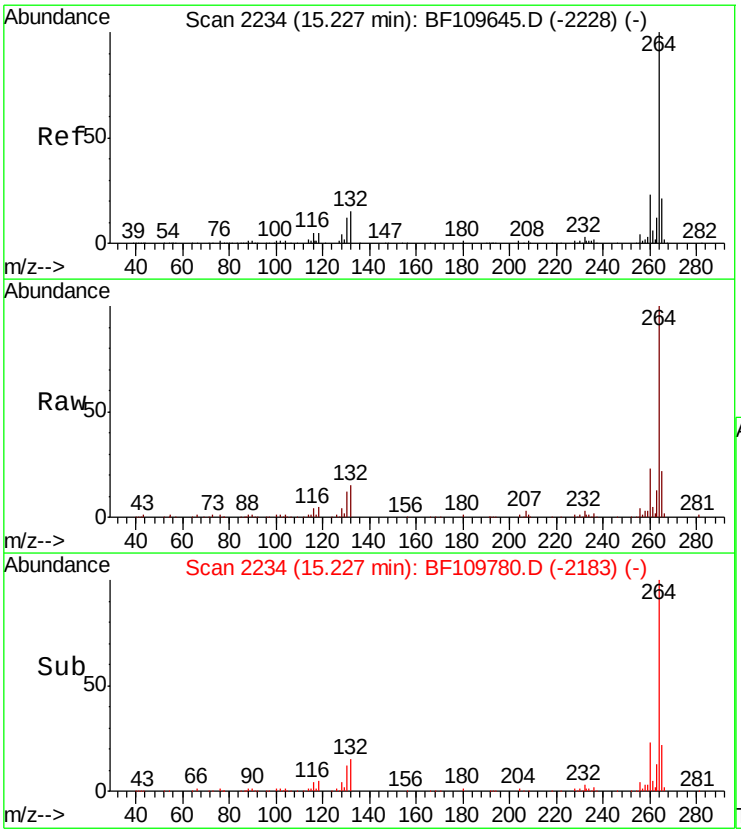
#78
Terphenyl-d14
Concen: 81.151 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109780.D
Acq: 11 Oct 2018 9:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 942557

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	11.7	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: BF109780.D
Acq: 11 Oct 2018 9:30

Tgt Ion:264 Resp: 212666

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.0	16.7	25.1