Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
Data File : BF109750.D
Acq On : 10 Oct 2018 18:51
Operator : JU/SJ
Sample : J5302-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 10 19:18:00 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	81131	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	340408	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	175760	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	362889	20.00	ng	0.00
75) Chrysene-d12	13.83	240	306566	20.00	ng	0.00
86) Perylene-d12	15.22	264	254286	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	238814	52.25	ng	-0.01
7) Phenol-d6	6.34	99	224423	36.76	ng	-0.02
23) Nitrobenzene-d5	7.26	82	486219	78.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	209744	109.52	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	895204	70.15	ng	0.00
78) Terphenyl-d14	12.78	244	1050323	66.32	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	11986	3.051	ng	# 72
19) n-Nitroso-di-n-propylamine	7.26	70	60976	14.240	ng	# 78
25) Isophorone	7.26	82	487351	47.525	ng	# 67
49) Dimethylphthalate	9.45	163	74002	5.741	ng	98
50) 2,6-Dinitrotoluene	9.72	165	21012	7.520	ng	# 23
56) 2,4-Dinitrotoluene	9.72	165	21012	6.026	ng	# 19
59) Diethylphthalate	10.14	149	73462	5.752	ng	98
66) 4-Bromophenyl-phenylether	10.51	248	12393	2.972	ng	# 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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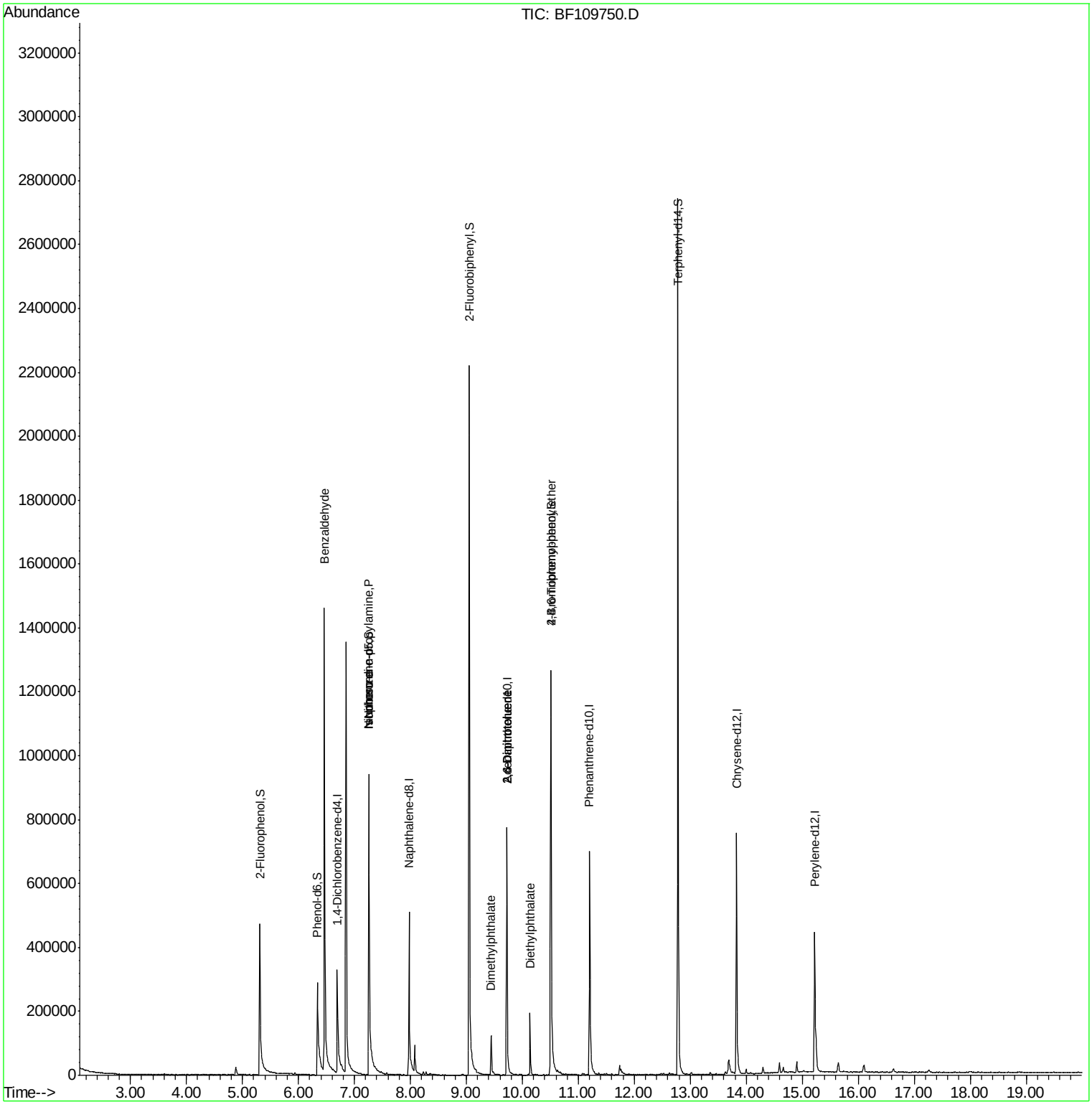
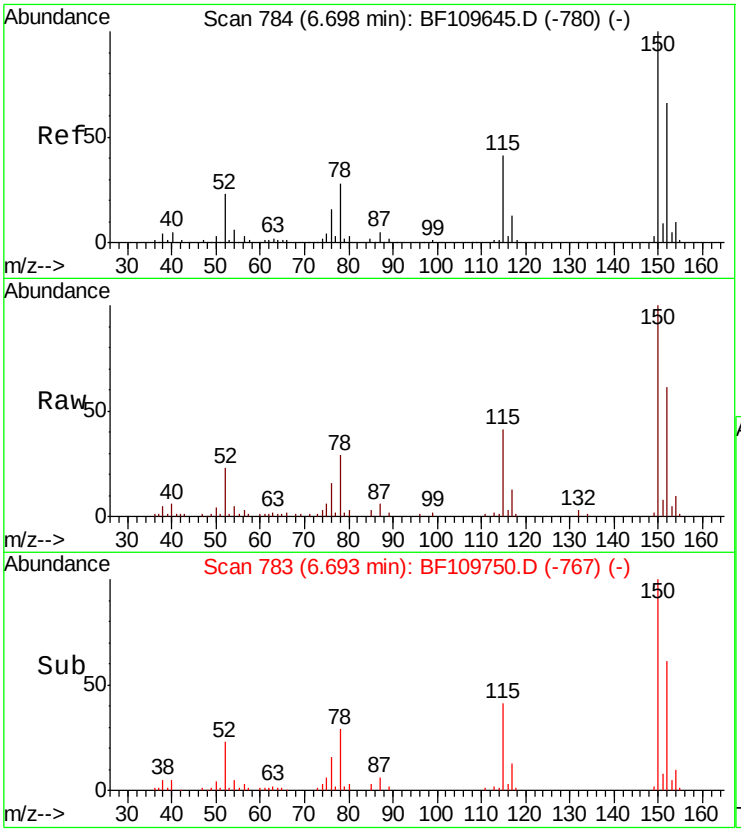


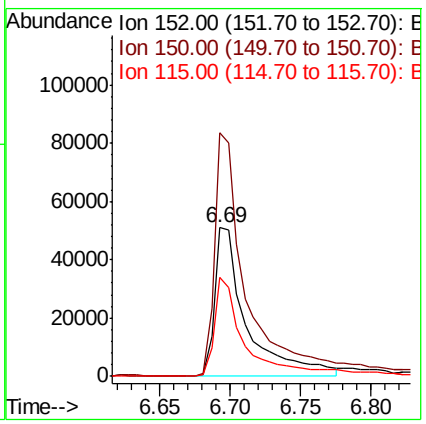


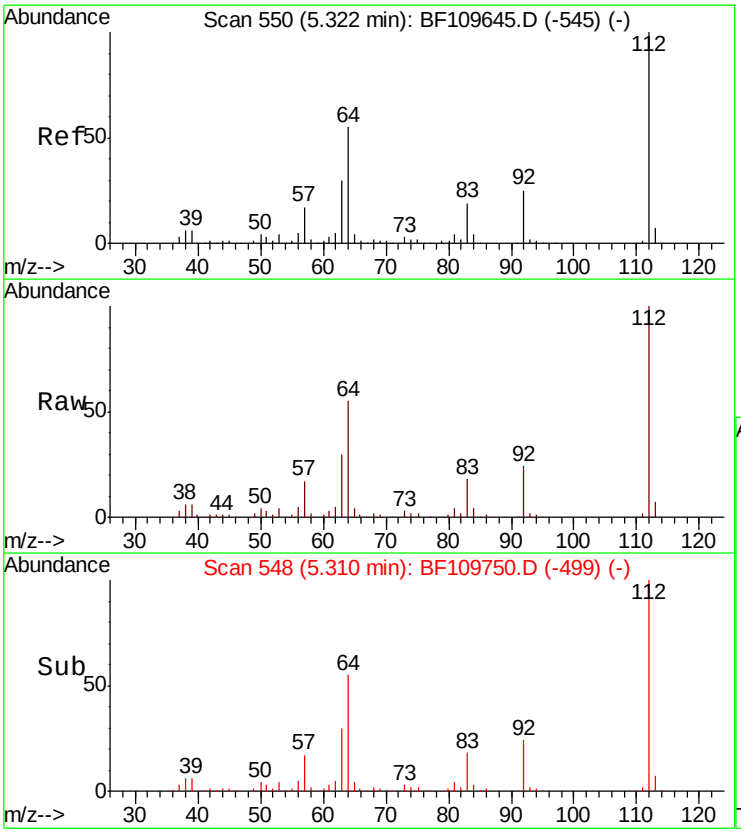
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109750.D
Acq: 10 Oct 2018 18:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 81131

Ion	Ratio	Lower	Upper
152	100		
150	163.9	122.7	184.1
115	66.7	49.1	73.7

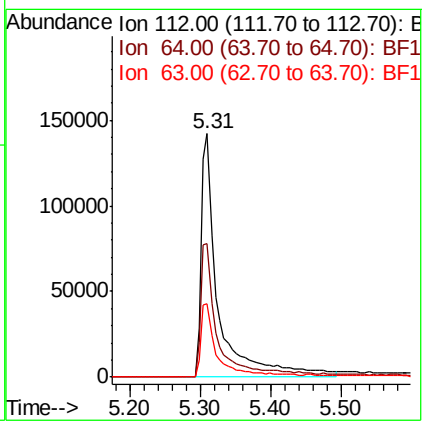


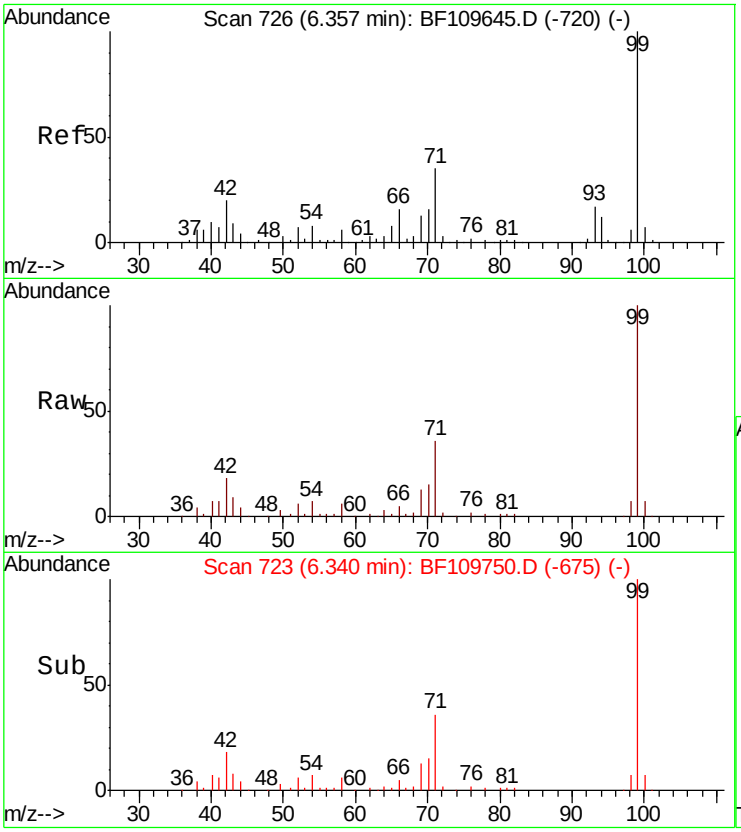


#5
2-Fluorophenol
Concen: 52.249 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109750.D
Acq: 10 Oct 2018 18:51

Tgt Ion:112 Resp: 238814

Ion	Ratio	Lower	Upper
112	100		
64	54.7	44.1	66.1
63	29.9	23.7	35.5



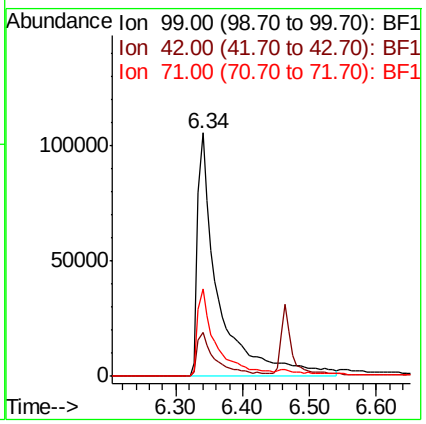


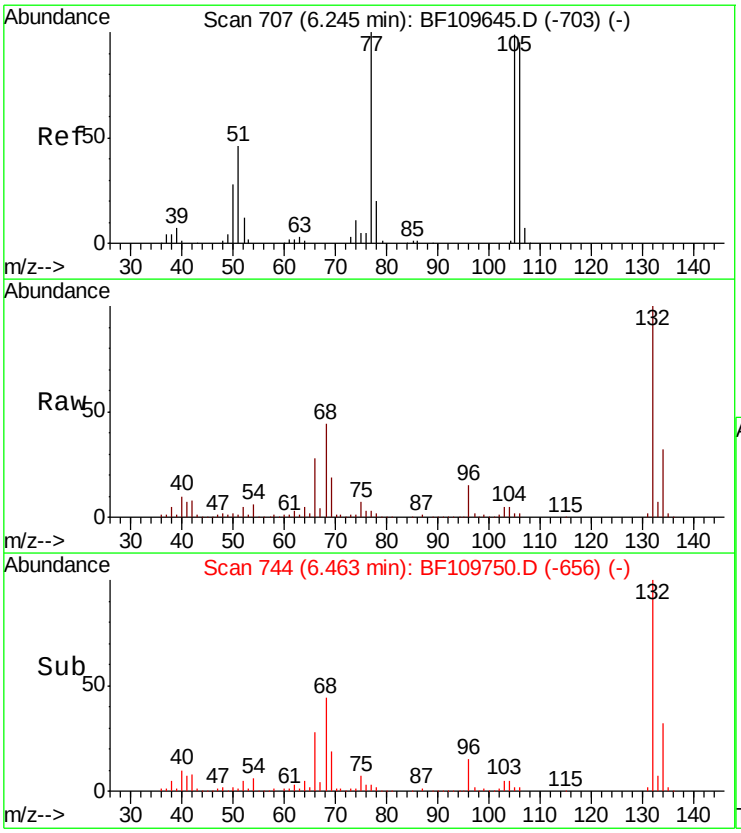
#7
Phenol-d6
Concen: 36.755 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF109750.D
Acq: 10 Oct 2018 18:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 224423

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.8	23.6
71	35.9	28.0	42.0

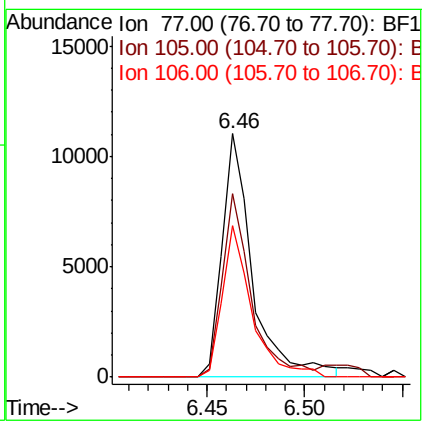


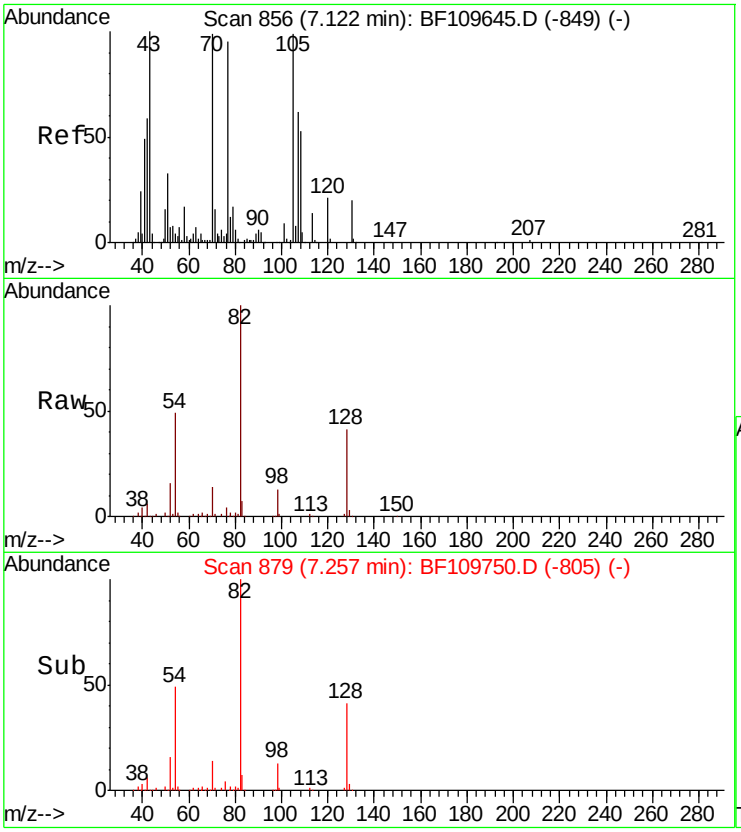


#9
Benzaldehyde
Concen: 3.051 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.22 min
Lab File: BF109750.D
Acq: 10 Oct 2018 18:51

Tgt Ion: 77 Resp: 11986

Ion	Ratio	Lower	Upper
77	100		
105	75.6	78.6	118.6#
106	62.3	74.8	114.8#



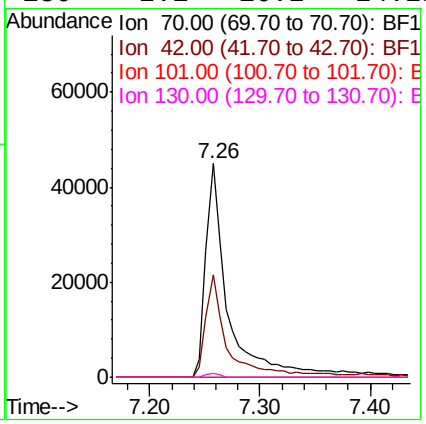


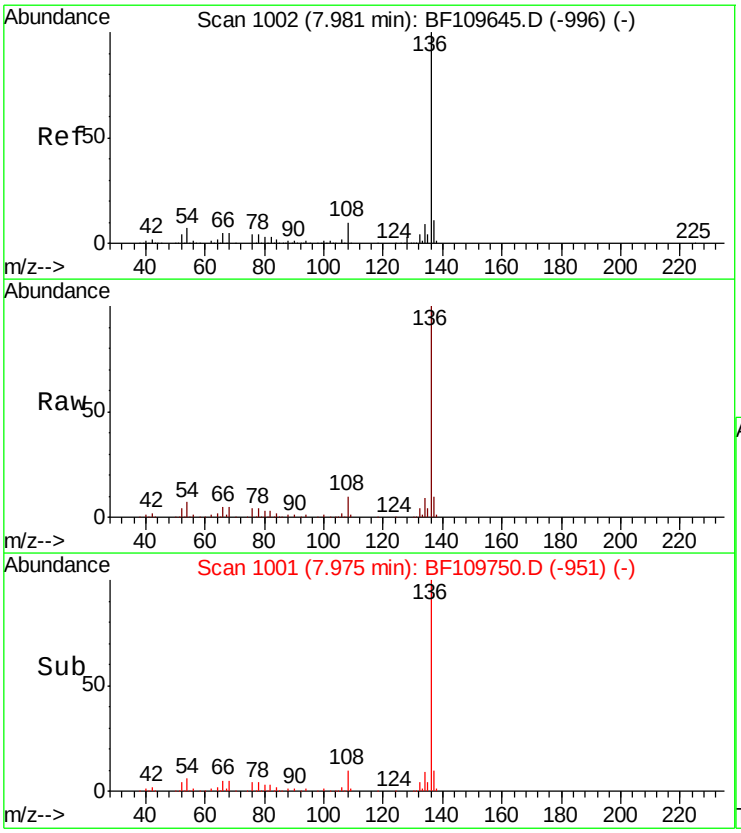
#19
n-Nitroso-di-n-propylamine
Concen: 14.240 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109750.D
Acq: 10 Oct 2018 18:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 60976

Ion	Ratio	Lower	Upper
70	100		
42	48.0	47.4	71.2
101	0.0	7.3	10.9#
130	2.1	16.2	24.2#

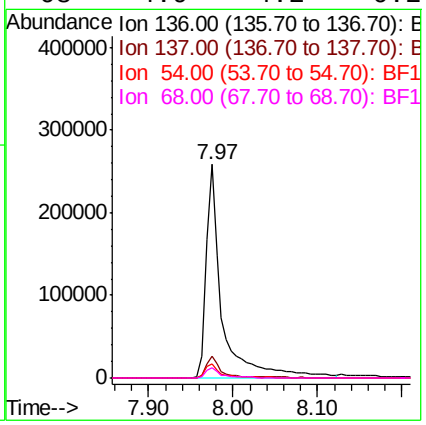


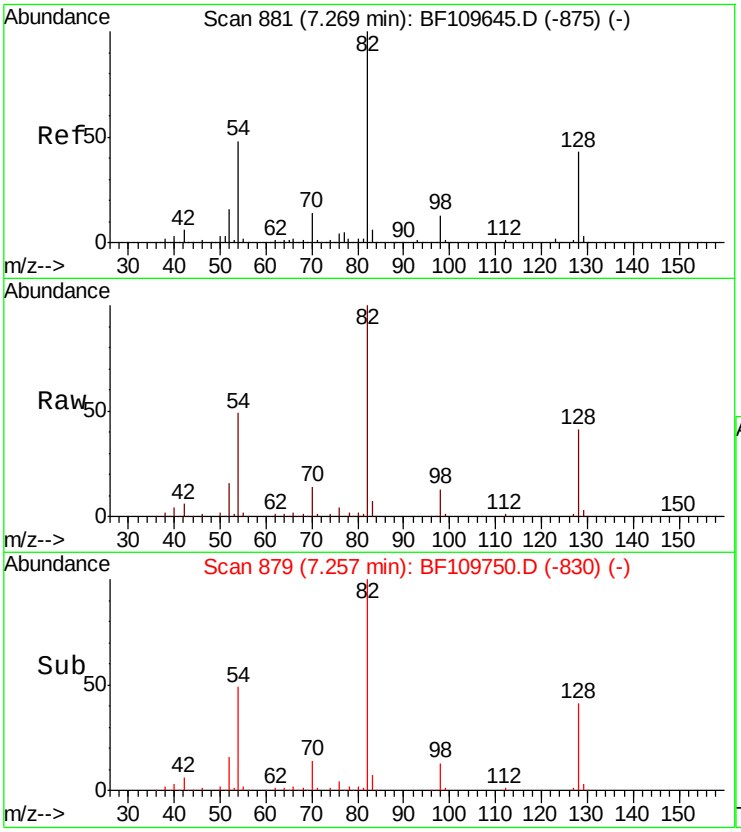


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109750.D
Acq: 10 Oct 2018 18:51

Tgt Ion:136 Resp: 340408

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	6.6	5.4	8.2
68	4.9	4.2	6.2



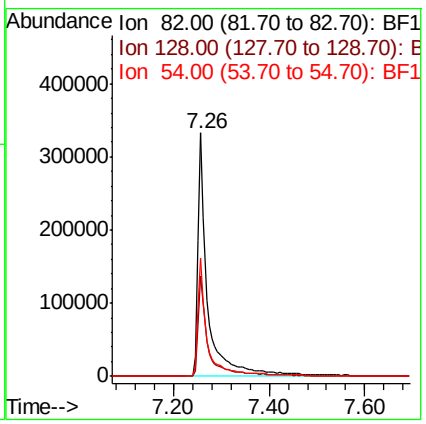


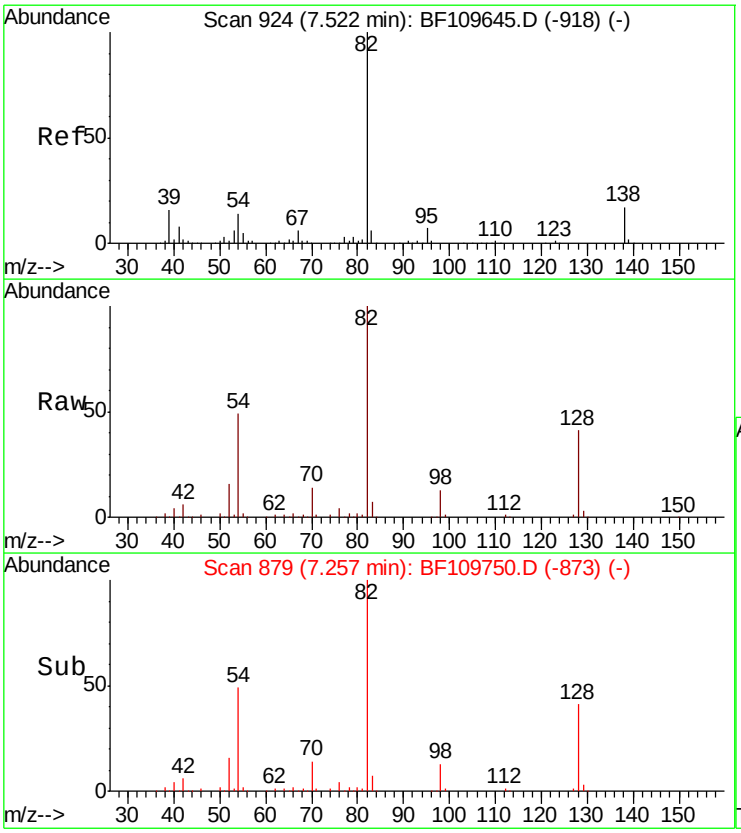
#23
Nitrobenzene-d5
Concen: 78.735 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109750.D
Acq: 10 Oct 2018 18:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 486219

Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.2	51.2
54	48.7	38.6	58.0

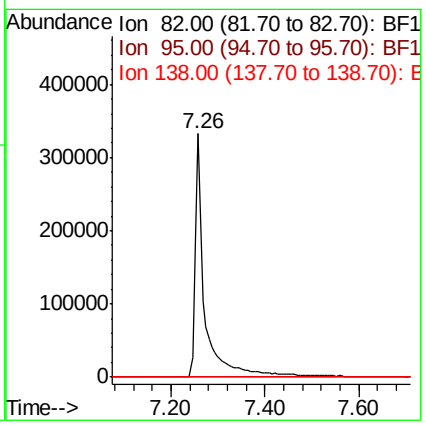


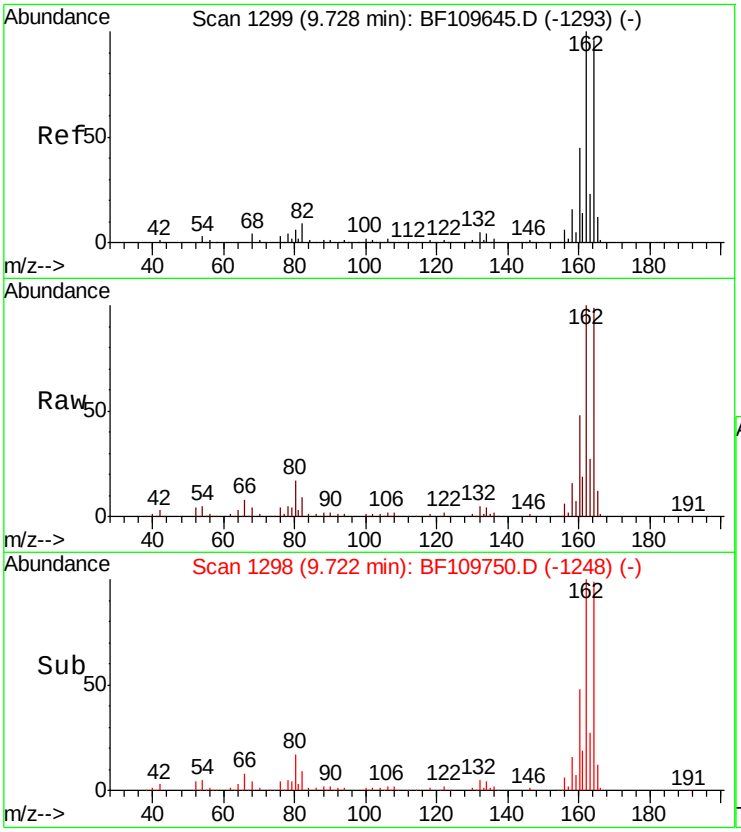


#25
Isophorone
Concen: 47.525 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109750.D
Acq: 10 Oct 2018 18:51

Tgt Ion: 82 Resp: 487351

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



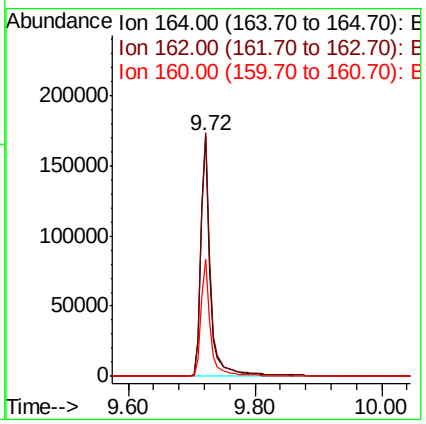


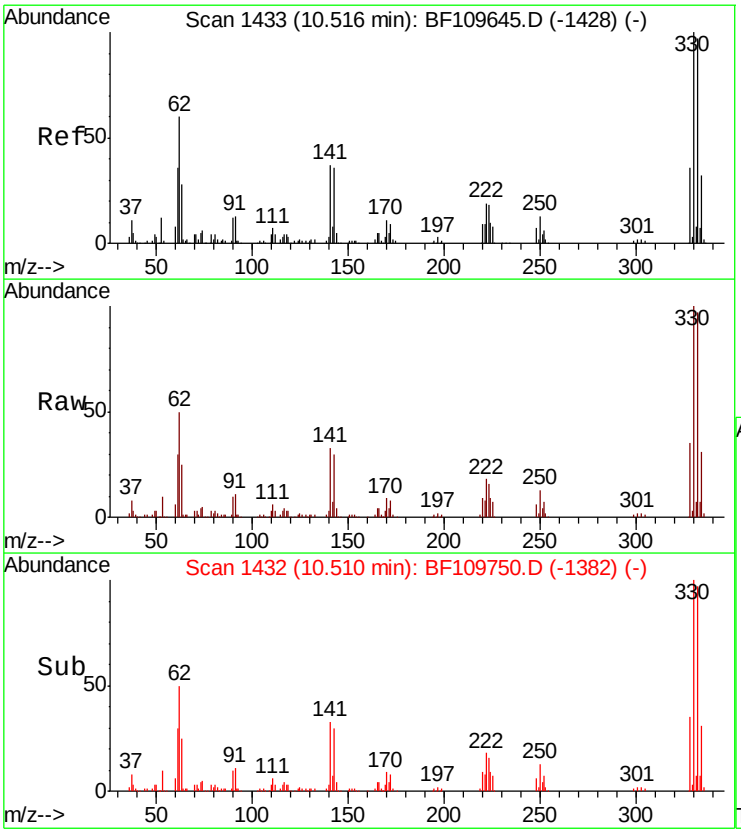
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109750.D
Acq: 10 Oct 2018 18:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 175760

Ion	Ratio	Lower	Upper
164	100		
162	101.3	83.0	124.6
160	48.7	37.0	55.6

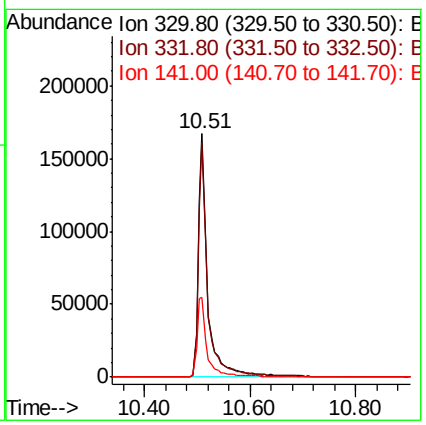


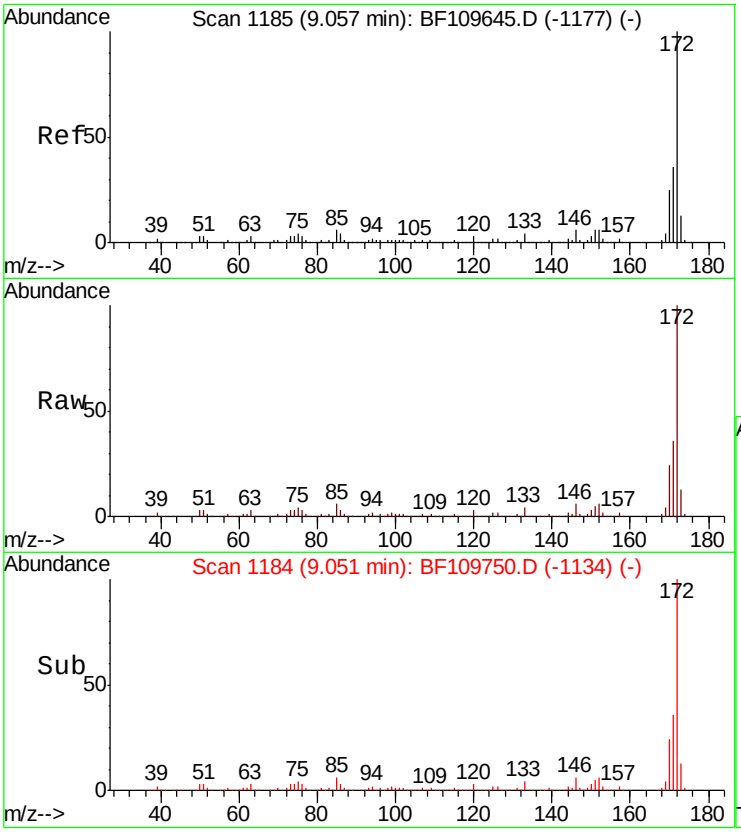


#41
2,4,6-Tribromophenol
Concen: 109.521 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109750.D
Acq: 10 Oct 2018 18:51

Tgt Ion:330 Resp: 209744

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.1	115.7
141	35.0	27.0	40.4



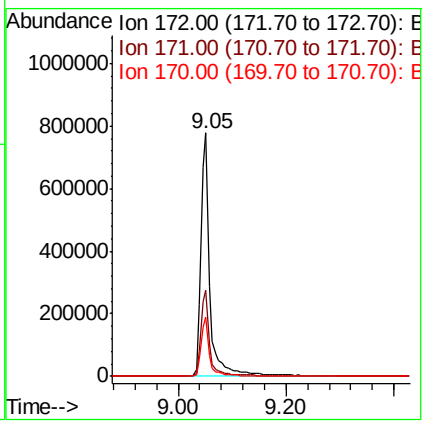


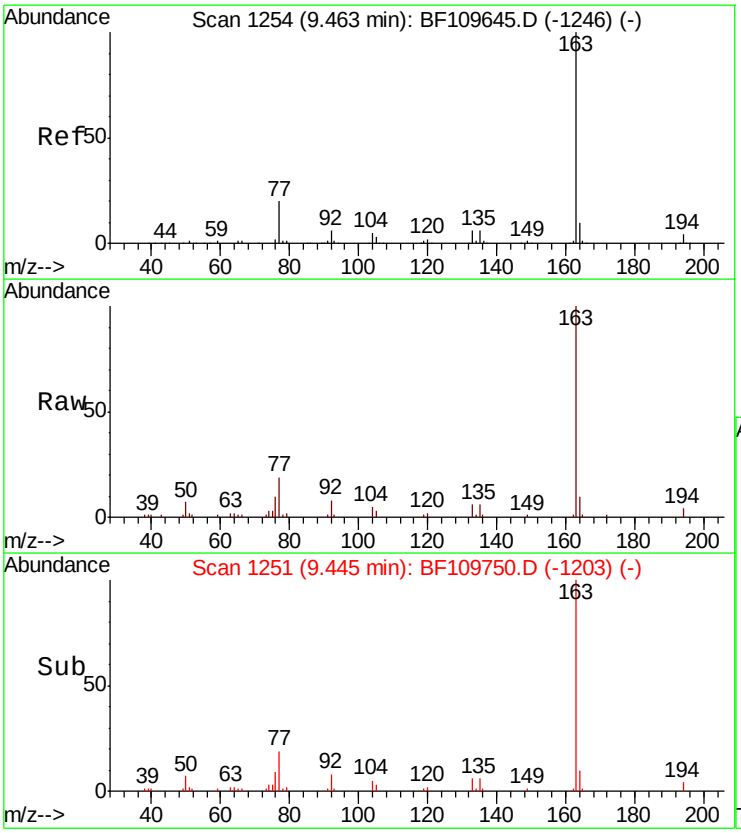
#44
2-Fluorobiphenyl
Concen: 70.148 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109750.D
Acq: 10 Oct 2018 18:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 895204

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	24.5	19.7	29.5

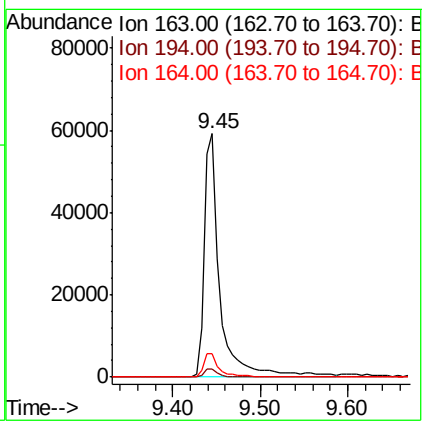


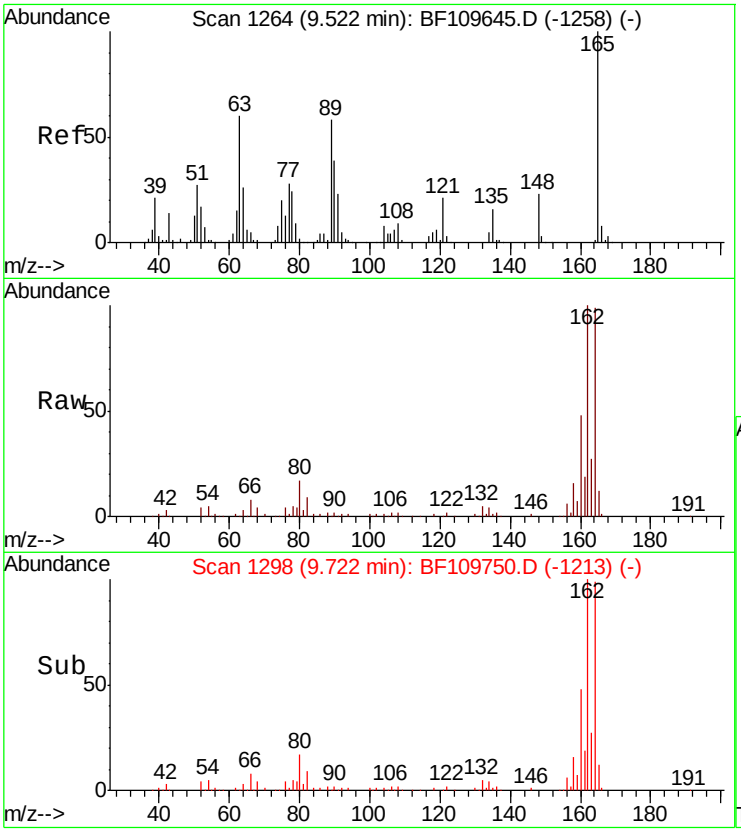


#49
Dimethylphthalate
Concen: 5.741 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109750.D
Acq: 10 Oct 2018 18:51

Tgt Ion:163 Resp: 74002

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	9.5	8.1	12.1



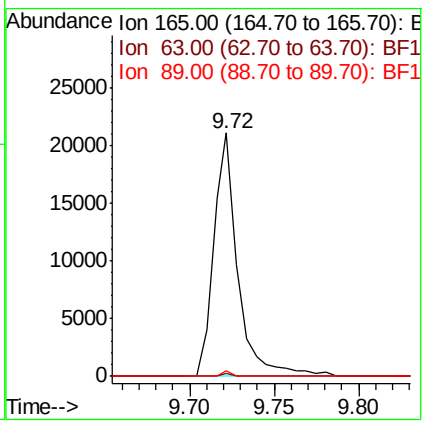


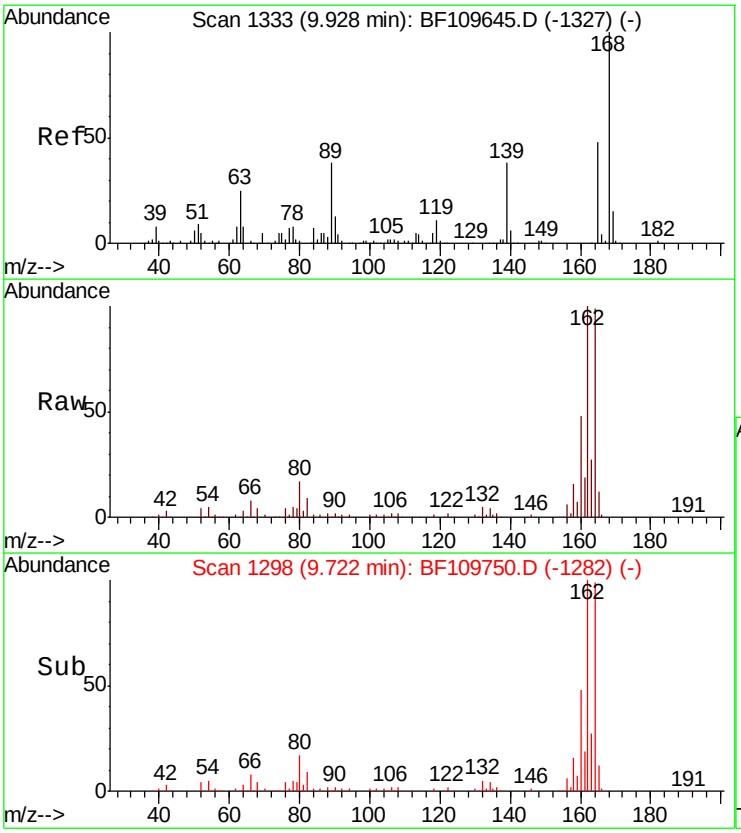
#50
2,6-Dinitrotoluene
Concen: 7.520 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109750.D
Acq: 10 Oct 2018 18:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21012

Ion	Ratio	Lower	Upper
165	100		
63	1.5	48.9	73.3#
89	2.1	46.6	69.8#

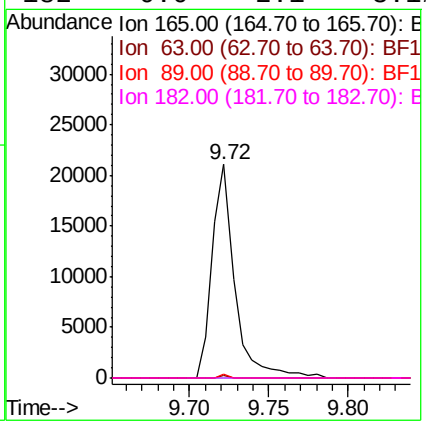


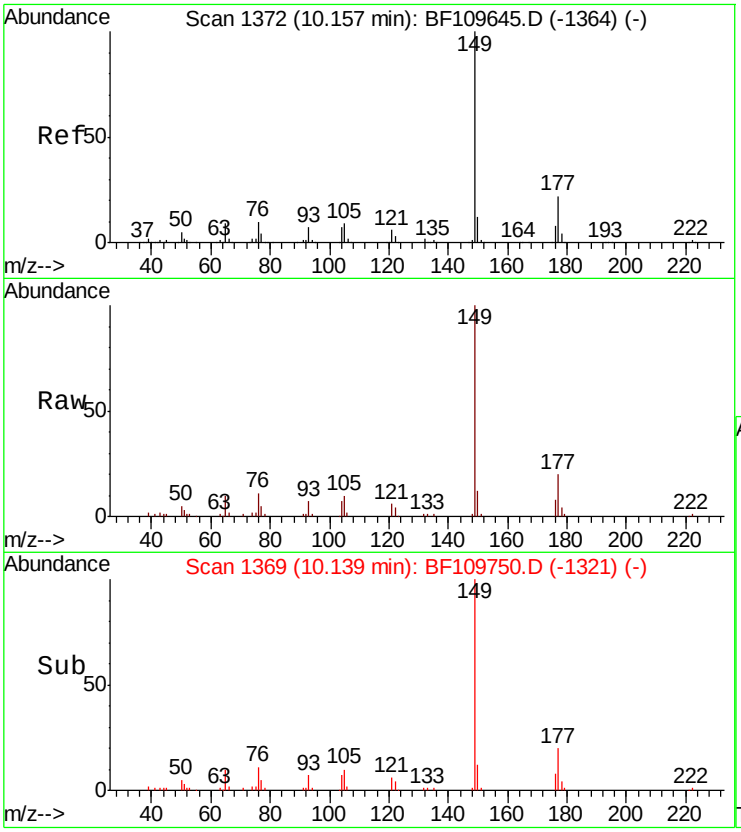


#56
2,4-Dinitrotoluene
Concen: 6.026 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109750.D
Acq: 10 Oct 2018 18:51

Tgt Ion:165 Resp: 21012

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	2.1	62.2	93.4#
182	0.0	2.1	3.1#



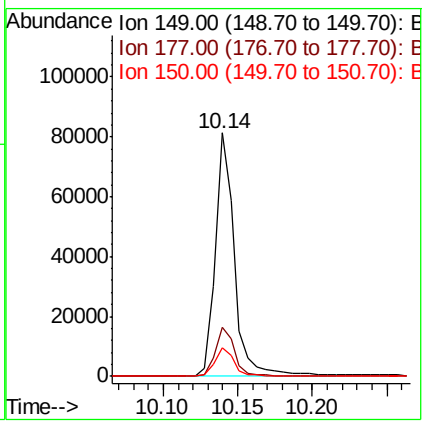


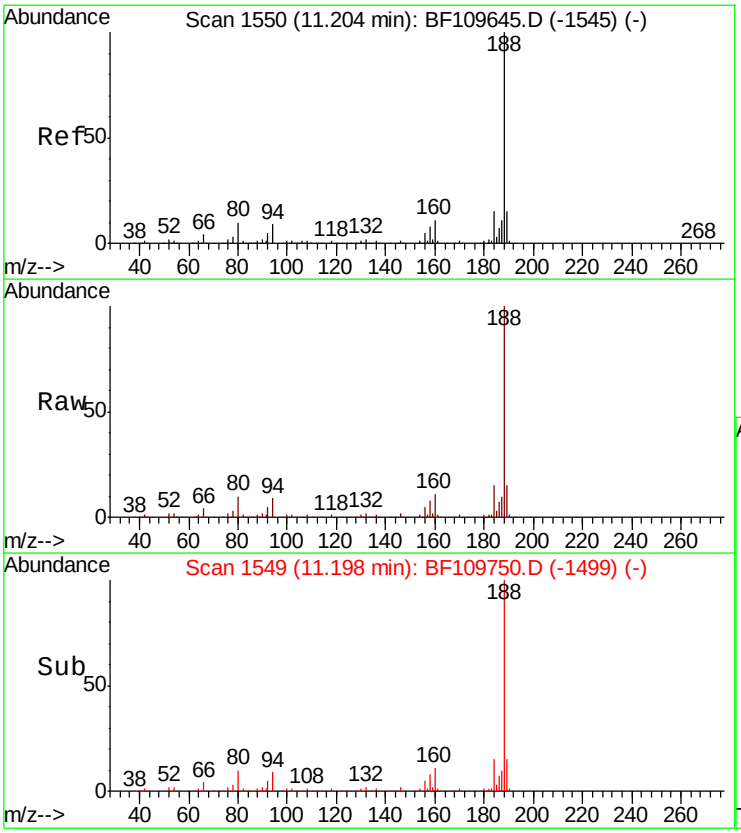
#59
Diethylphthalate
Concen: 5.752 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BF109750.D
Acq: 10 Oct 2018 18:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 73462

Ion	Ratio	Lower	Upper
149	100		
177	20.3	17.4	26.2
150	11.9	9.8	14.8

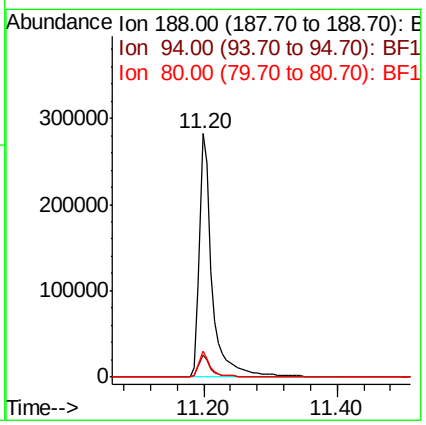


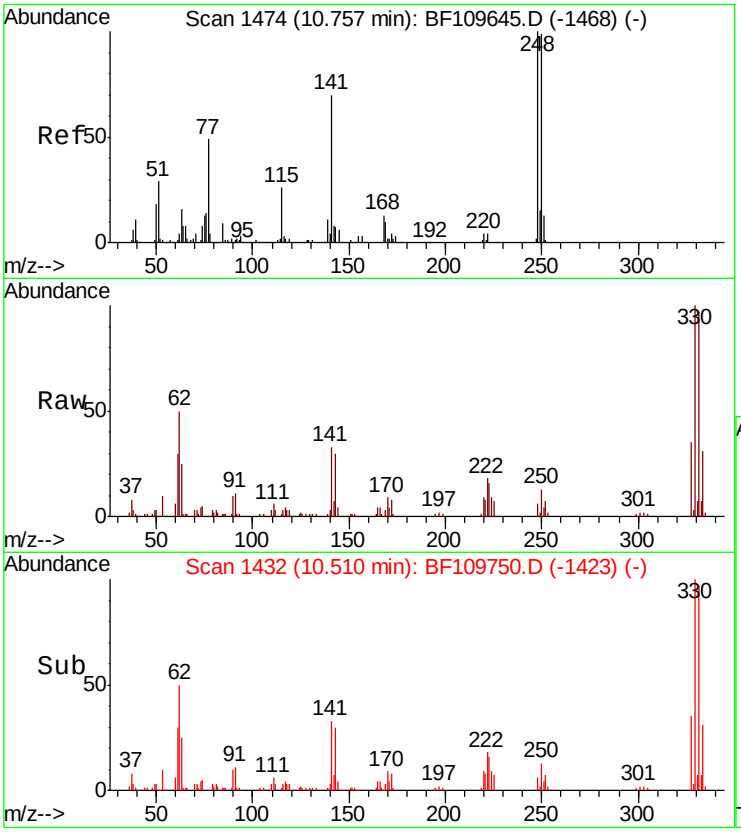


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109750.D
Acq: 10 Oct 2018 18:51

Tgt Ion:188 Resp: 362889

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.5	7.9	11.9



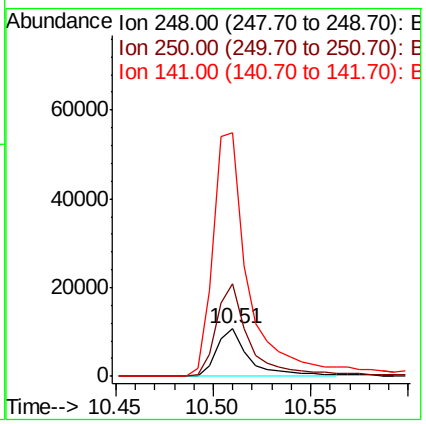


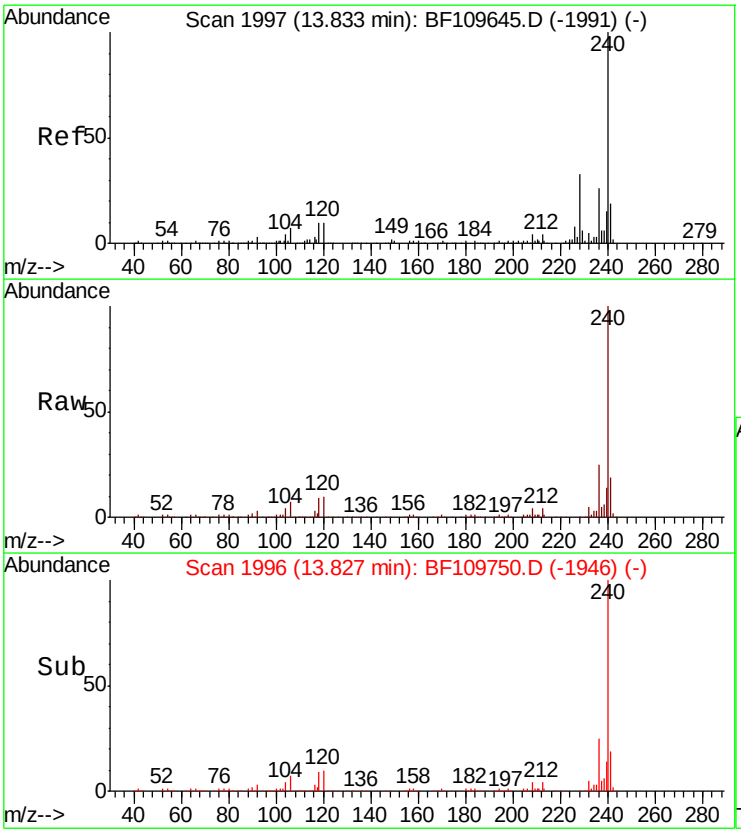
#66
4-Bromophenyl-phenylether
Concen: 2.972 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109750.D
Acq: 10 Oct 2018 18:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12393

Ion	Ratio	Lower	Upper
248	100		
250	196.7	79.4	119.2#
141	516.1	55.9	83.9#

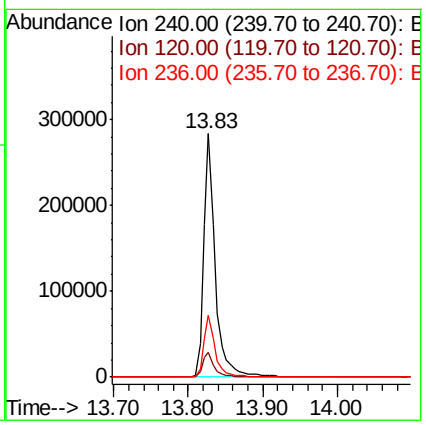


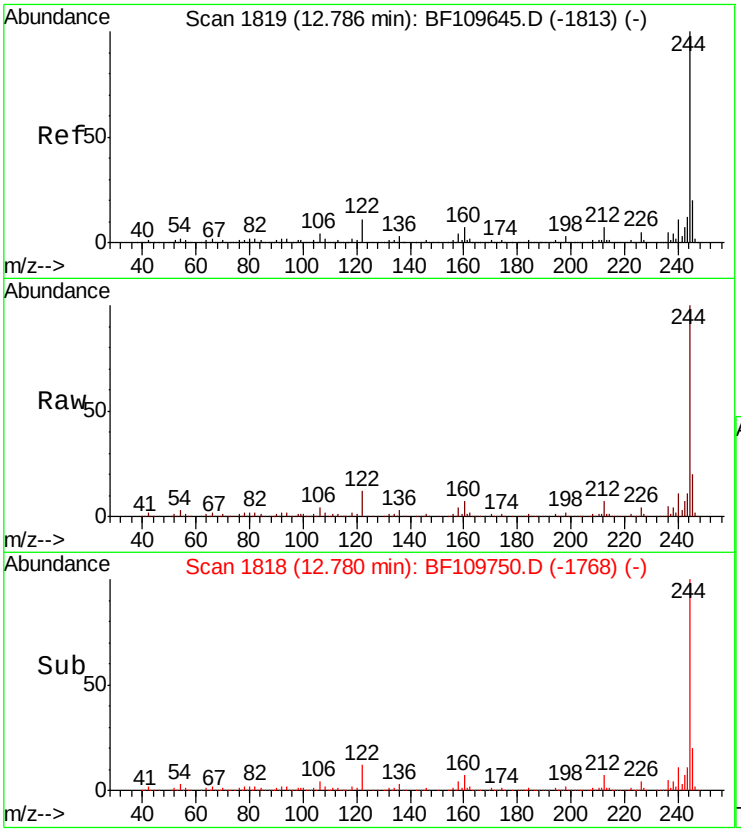


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109750.D
Acq: 10 Oct 2018 18:51

Tgt Ion:240 Resp: 306566

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.3	12.5
236	25.3	21.2	31.8



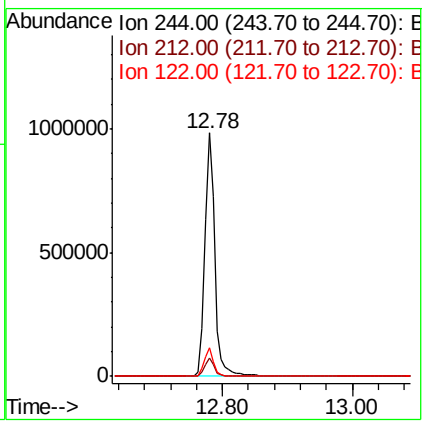


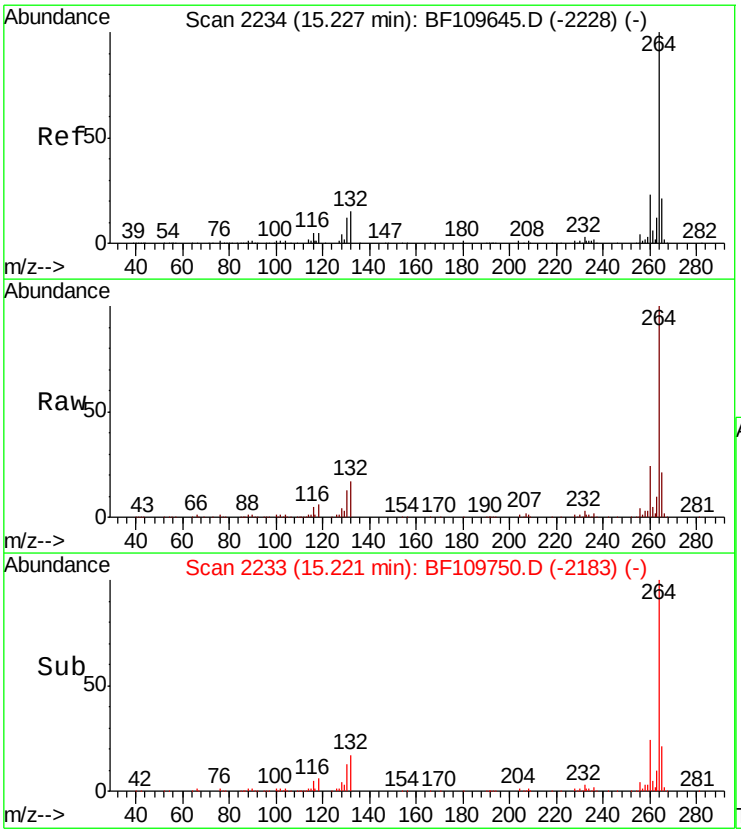
#78
Terphenyl-d14
Concen: 66.324 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109750.D
Acq: 10 Oct 2018 18:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1050323

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.6	8.7	13.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF109750.D
Acq: 10 Oct 2018 18:51

Tgt Ion:264 Resp: 254286

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	21.4	16.7	25.1