Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
Data File : BF109734.D
Acq On : 10 Oct 2018 9:31
Operator : JU/SJ
Sample : J5299-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 10 10:54:44 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	6.70	152	75098	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	280196	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	107097	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	202044	20.00	ng	0.00
75) Chrysene-d12	13.83	240	220298	20.00	ng	0.00
86) Perylene-d12	15.22	264	172624	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	146204	34.56	ng	-0.01
7) Phenol-d6	6.35	99	133813	23.68	ng	-0.01
23) Nitrobenzene-d5	7.26	82	510828	100.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	102034	87.44	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	837022	107.64	ng	0.00
78) Terphenyl-d14	12.78	244	855727	75.20	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	7968	2.191	ng	# 73
19) n-Nitroso-di-n-propylamine	7.26	70	64197	16.197	ng	# 79
25) Isophorone	7.26	82	510828	60.519	ng	# 67
50) 2,6-Dinitrotoluene	9.72	165	13033	7.655	ng	# 21
56) 2,4-Dinitrotoluene	9.72	165	13033	6.134	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	5681	2.447	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
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Misc :
ALS Vial : 36 Sample Multiplier: 1

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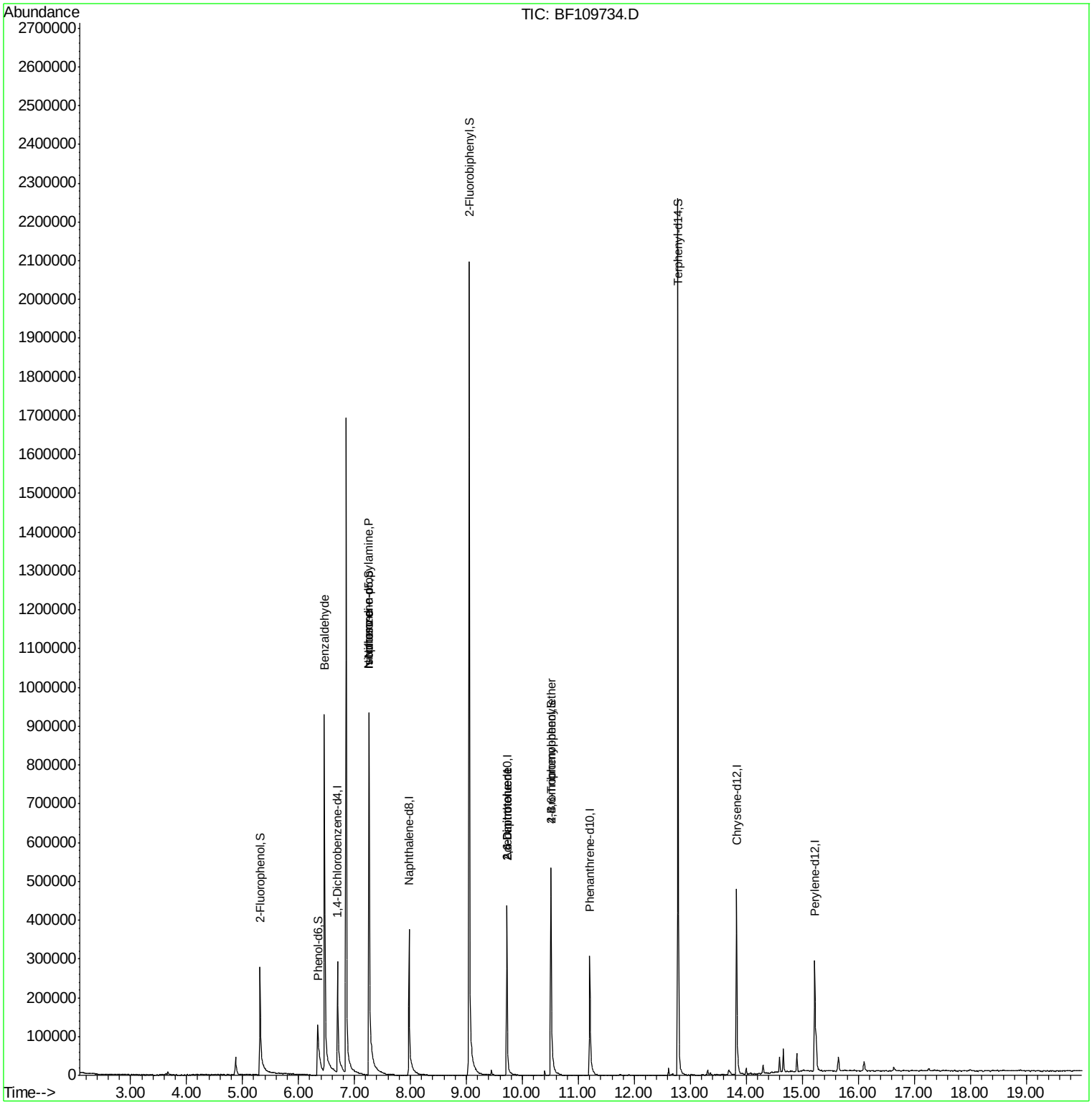
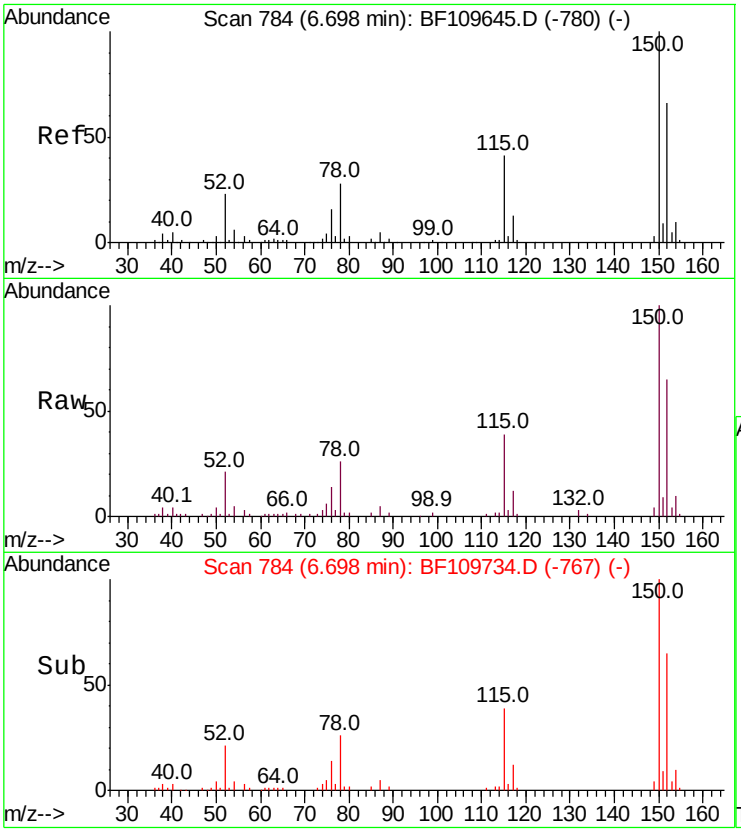


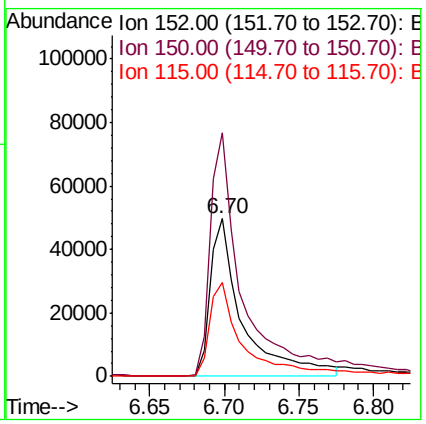


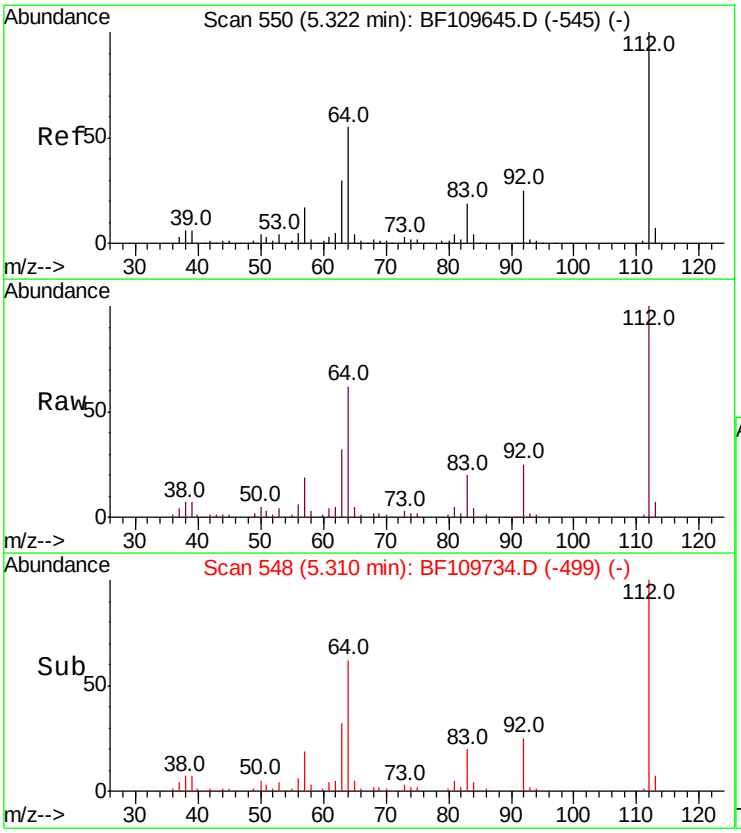
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF109734.D
Acq: 10 Oct 2018 9:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 75098

Ion	Ratio	Lower	Upper
152	100		
150	154.7	122.7	184.1
115	59.7	49.1	73.7

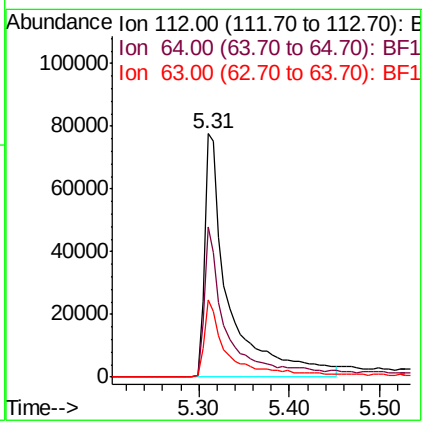


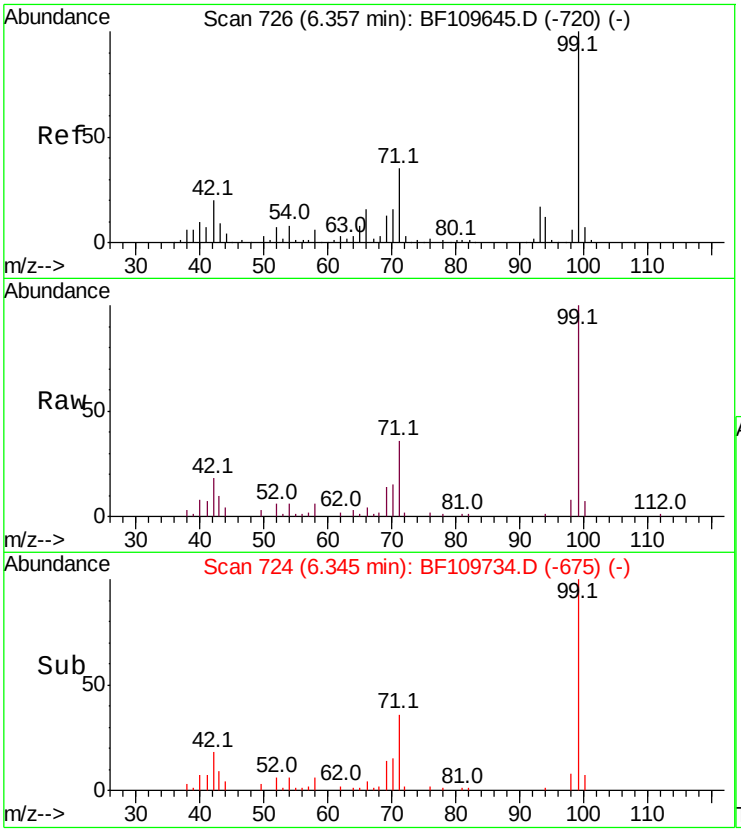


#5
2-Fluorophenol
Concen: 34.557 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109734.D
Acq: 10 Oct 2018 9:31

Tgt Ion:112 Resp: 146204

Ion	Ratio	Lower	Upper
112	100		
64	61.8	44.1	66.1
63	31.7	23.7	35.5



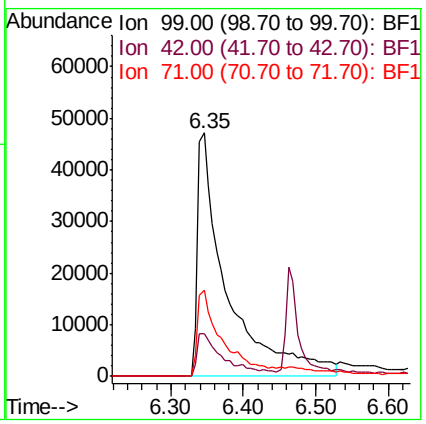


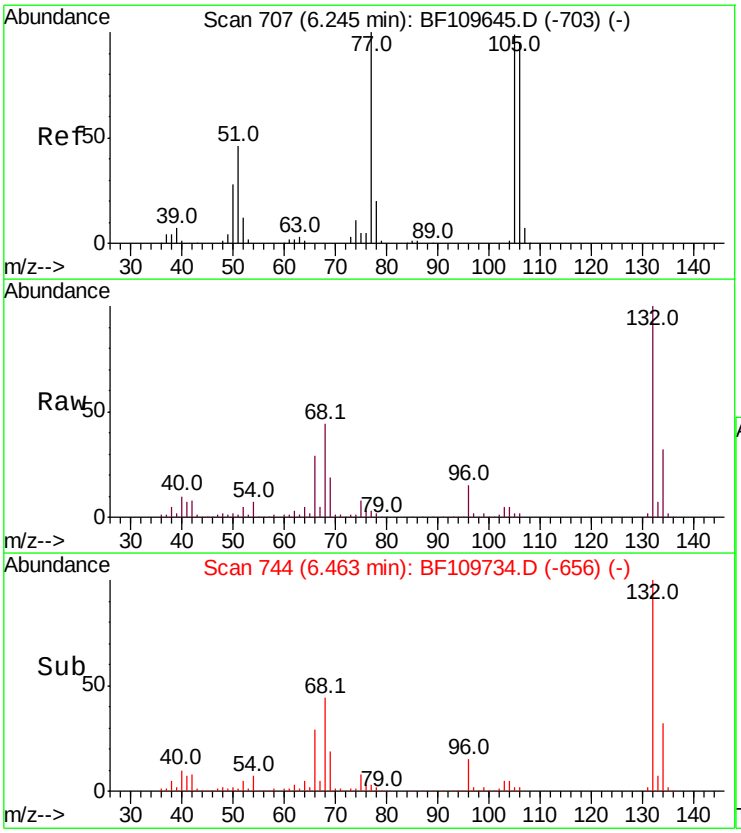
#7
Phenol-d6
Concen: 23.676 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109734.D
Acq: 10 Oct 2018 9:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 133813

Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.8	23.6
71	35.5	28.0	42.0

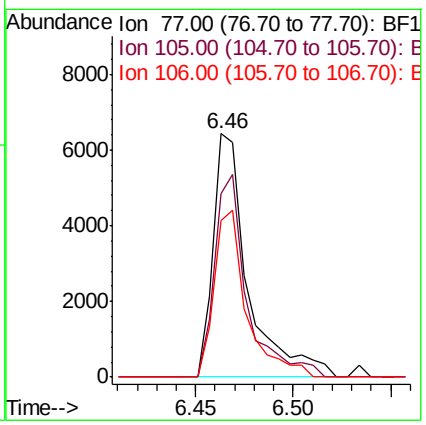


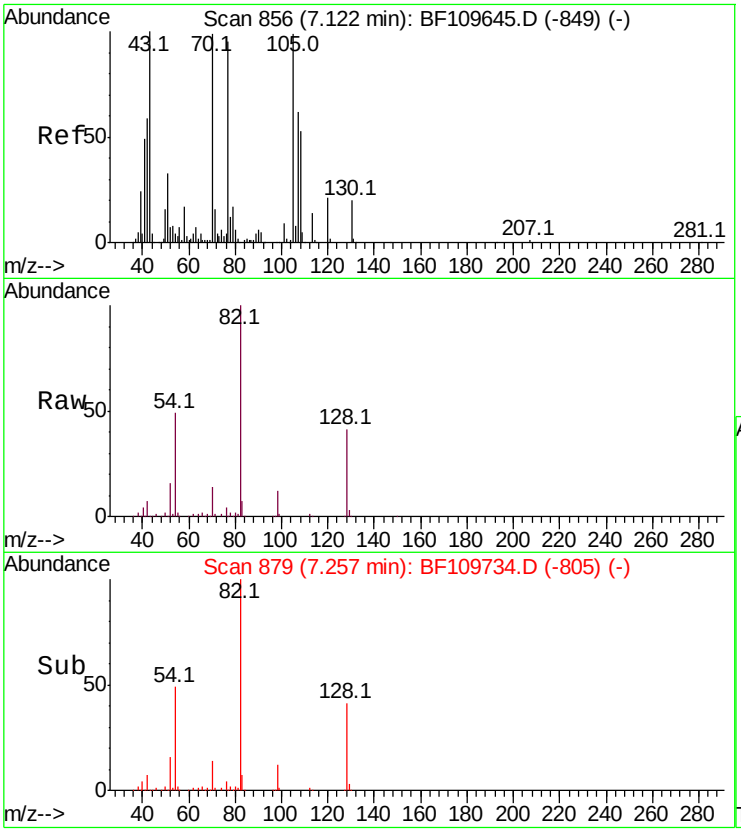


#9
Benzaldehyde
Concen: 2.191 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.22 min
Lab File: BF109734.D
Acq: 10 Oct 2018 9:31

Tgt Ion: 77 Resp: 7968

Ion	Ratio	Lower	Upper
77	100		
105	75.2	78.6	118.6#
106	64.5	74.8	114.8#



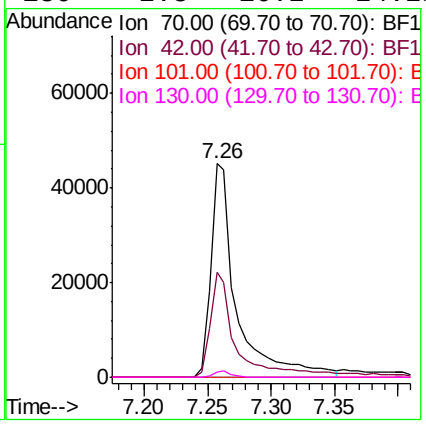


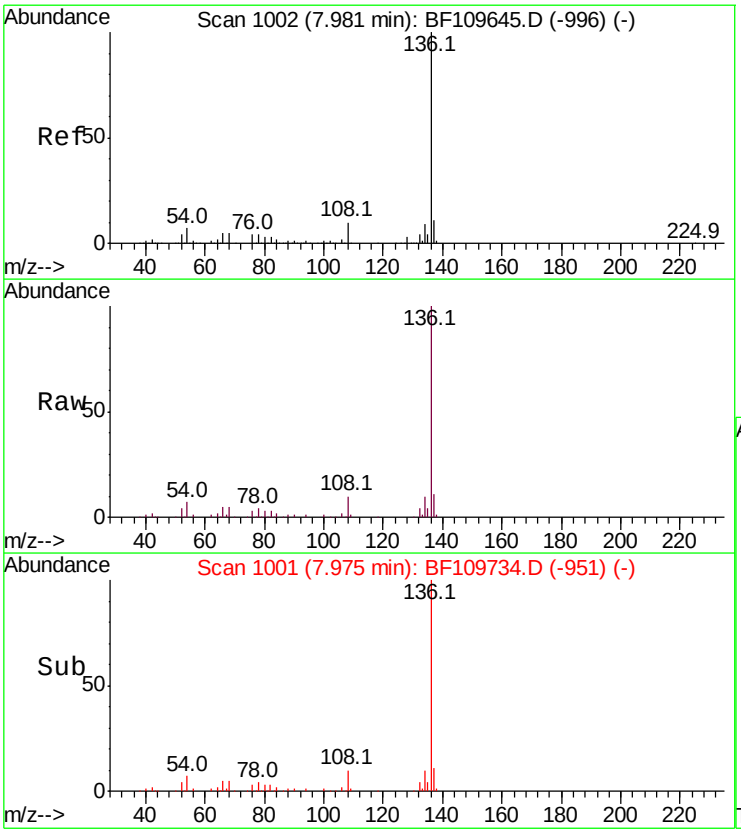
#19
n-Nitroso-di-n-propylamine
Concen: 16.197 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109734.D
Acq: 10 Oct 2018 9:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 64197

Ion	Ratio	Lower	Upper
70	100		
42	48.9	47.4	71.2
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#

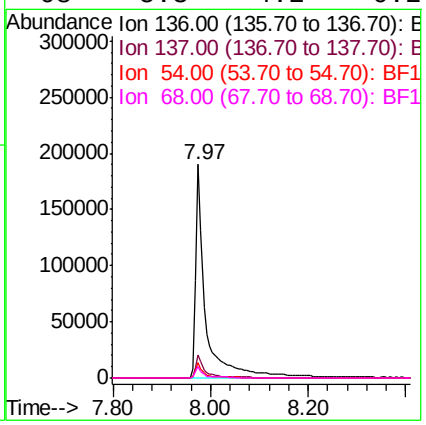


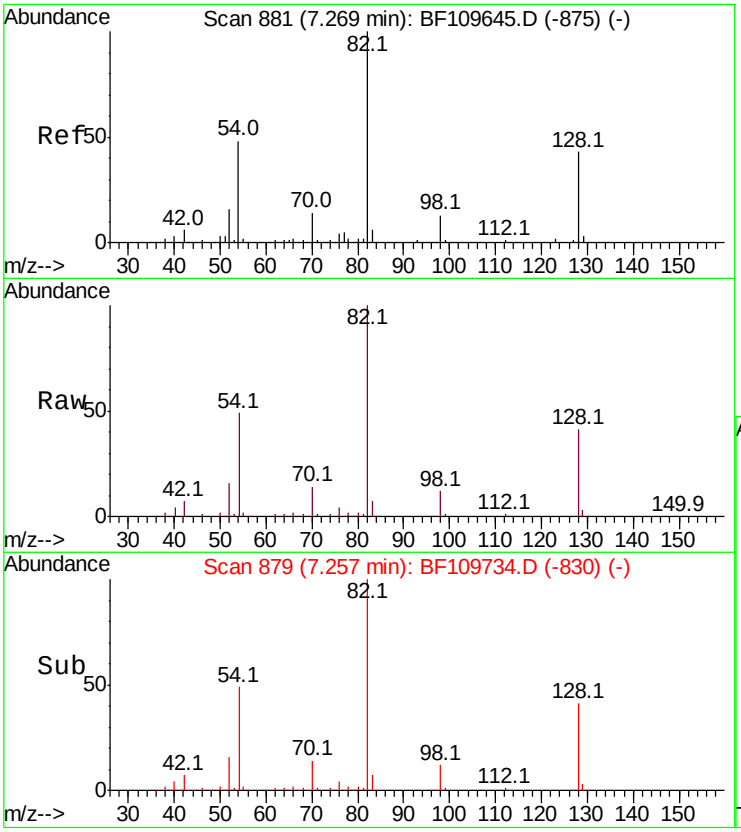


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109734.D
Acq: 10 Oct 2018 9:31

Tgt Ion:136 Resp: 280196

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.9	5.4	8.2
68	5.3	4.2	6.2



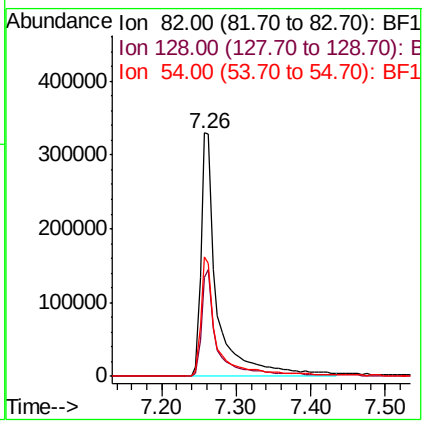


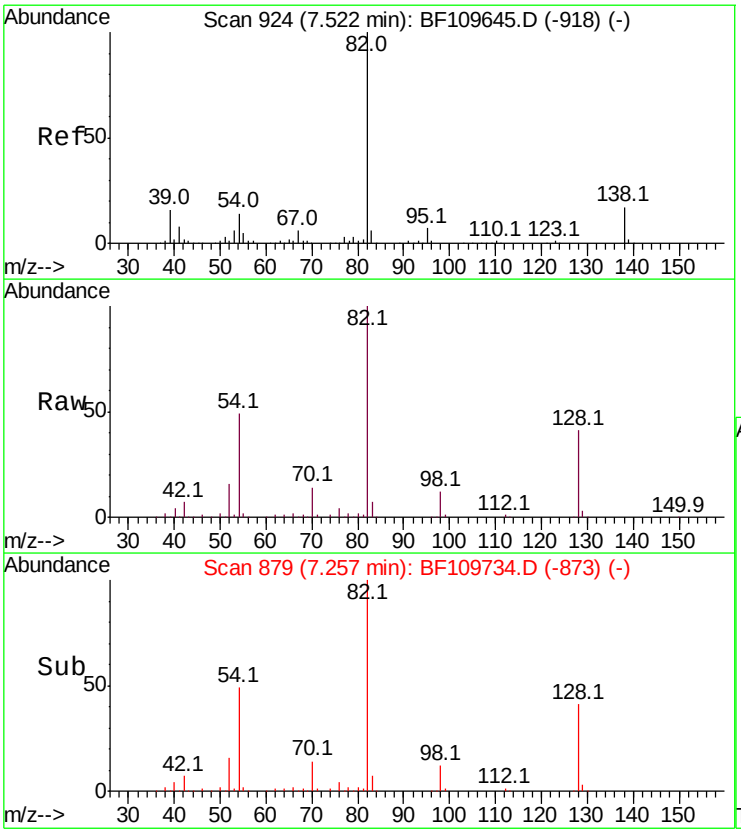
#23
Nitrobenzene-d5
Concen: 100.496 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109734.D
Acq: 10 Oct 2018 9:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 510828

Ion	Ratio	Lower	Upper
82	100		
128	40.5	34.2	51.2
54	49.2	38.6	58.0

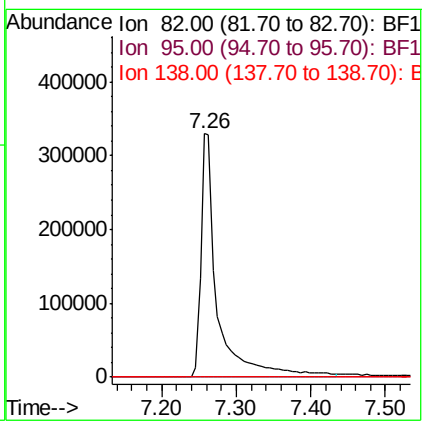


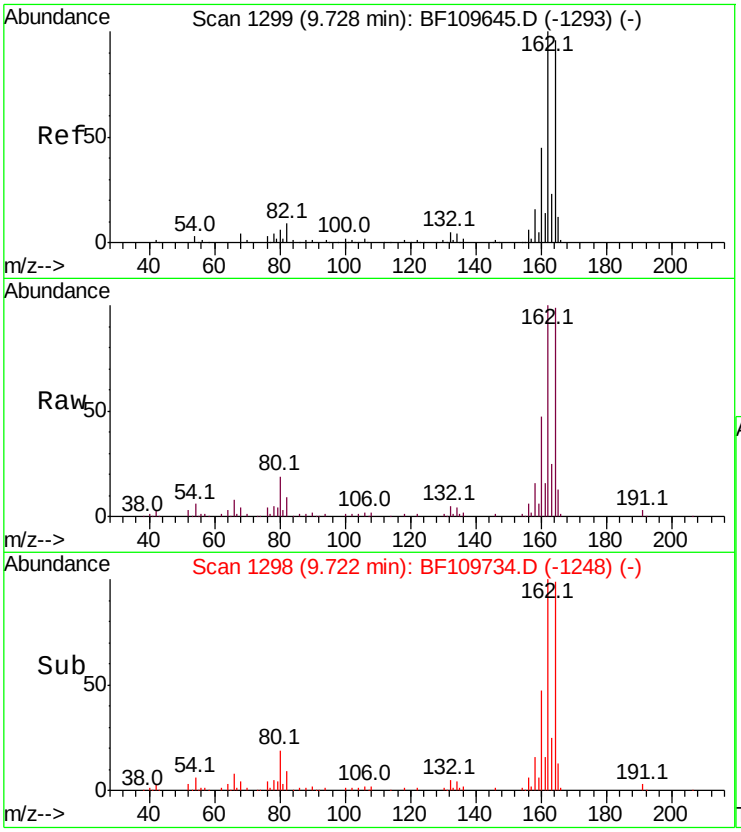


#25
Isophorone
Concen: 60.519 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109734.D
Acq: 10 Oct 2018 9:31

Tgt Ion: 82 Resp: 510828

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



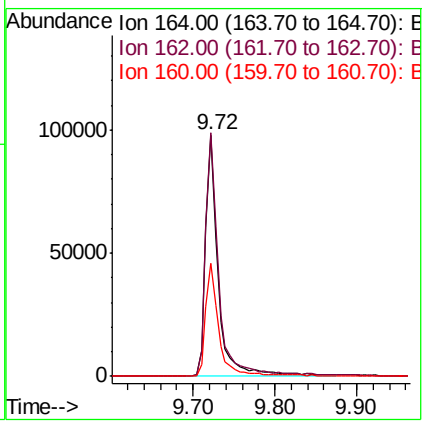


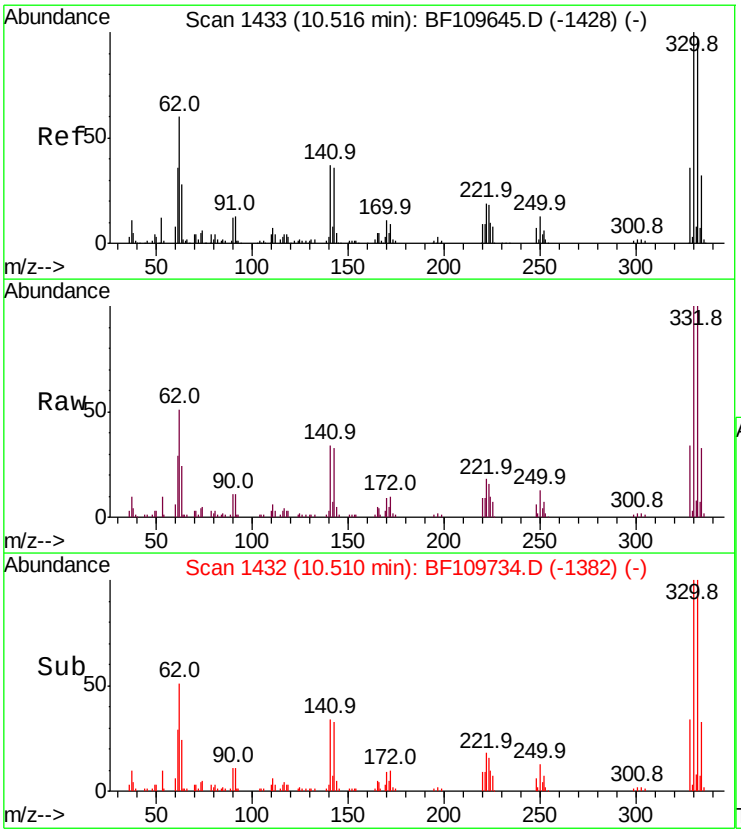
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109734.D
Acq: 10 Oct 2018 9:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 107097

Ion	Ratio	Lower	Upper
164	100		
162	100.8	83.0	124.6
160	46.9	37.0	55.6

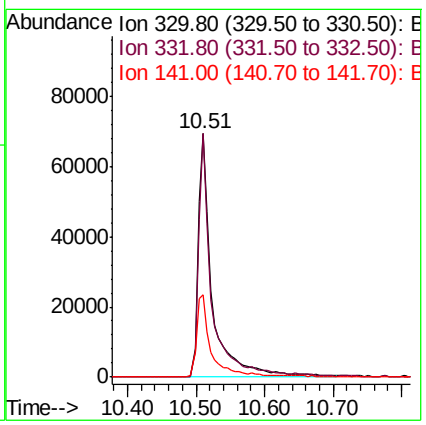


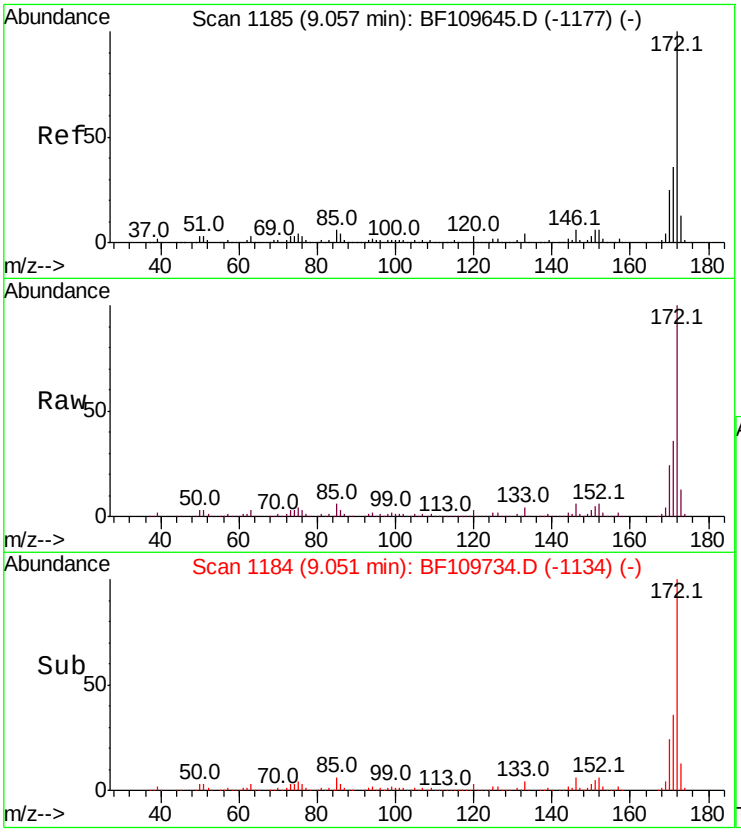


#41
2,4,6-Tribromophenol
Concen: 87.437 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109734.D
Acq: 10 Oct 2018 9:31

Tgt Ion:330 Resp: 102034

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.1	115.7
141	35.4	27.0	40.4



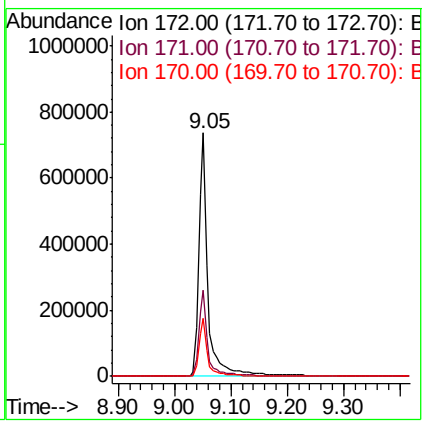


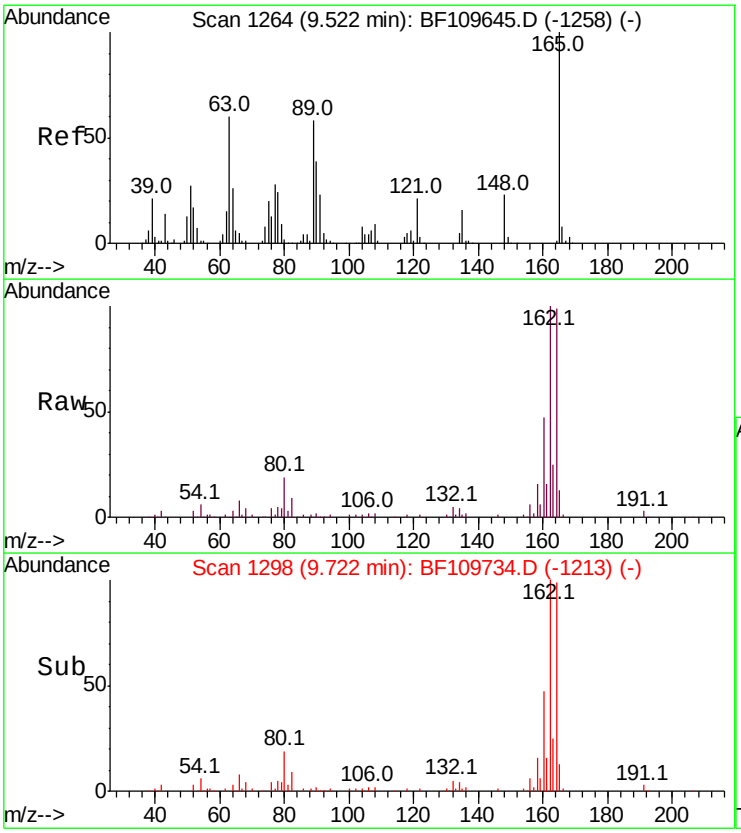
#44
2-Fluorobiphenyl
Concen: 107.640 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109734.D
Acq: 10 Oct 2018 9:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 837022

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.8	19.7	29.5

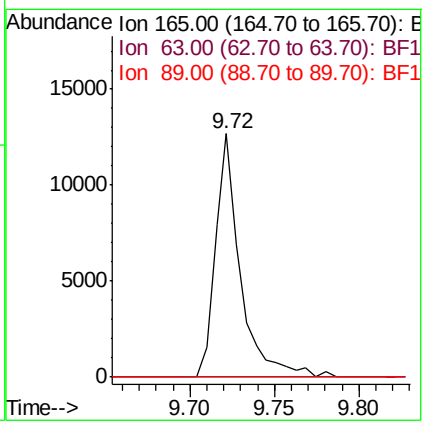


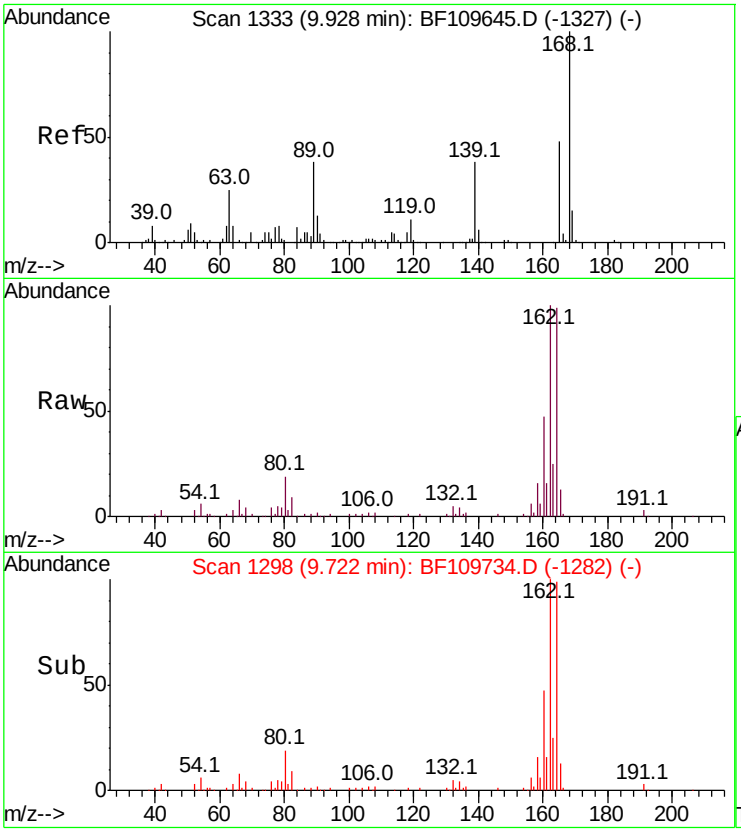


#50
2,6-Dinitrotoluene
Concen: 7.655 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109734.D
Acq: 10 Oct 2018 9:31

Tgt Ion:165 Resp: 13033

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



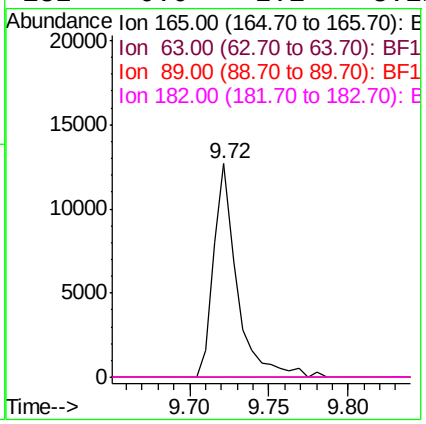


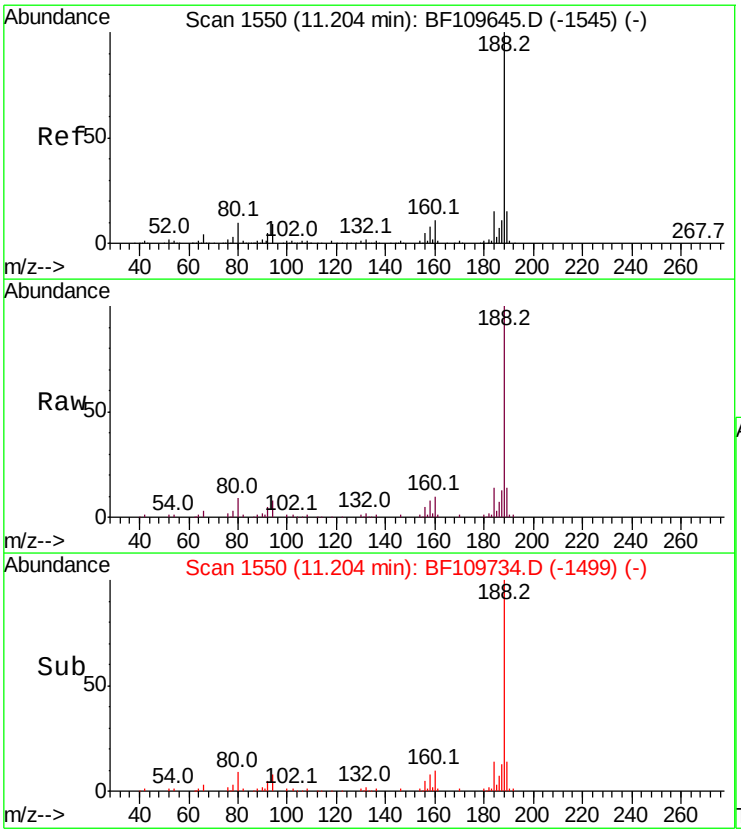
#56
2,4-Dinitrotoluene
Concen: 6.134 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109734.D
Acq: 10 Oct 2018 9:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 13033

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

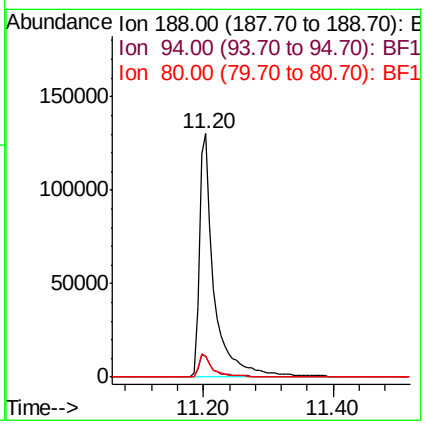


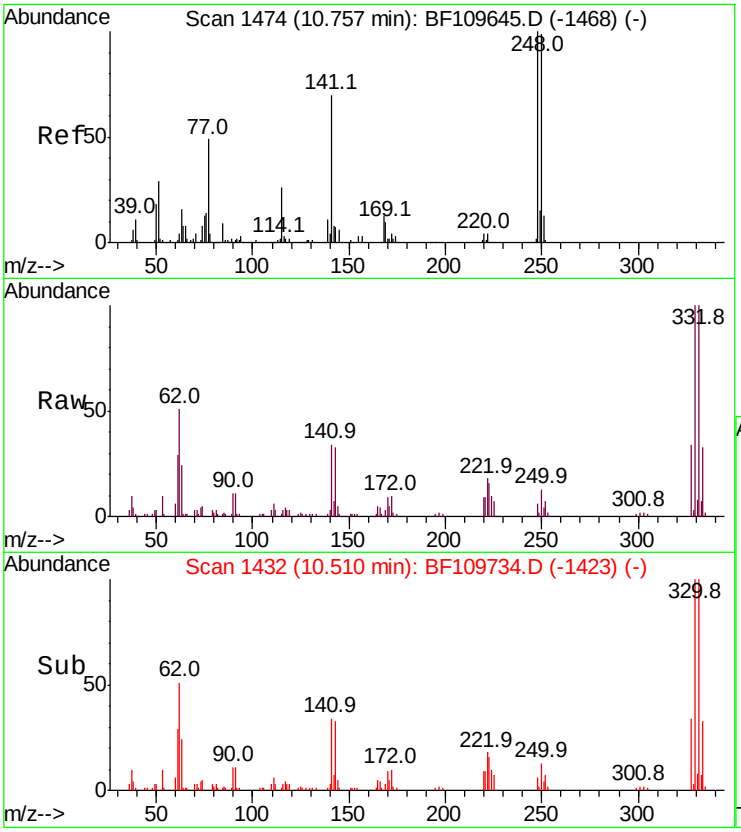


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF109734.D
Acq: 10 Oct 2018 9:31

Tgt Ion:188 Resp: 202044

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	8.8	7.9	11.9



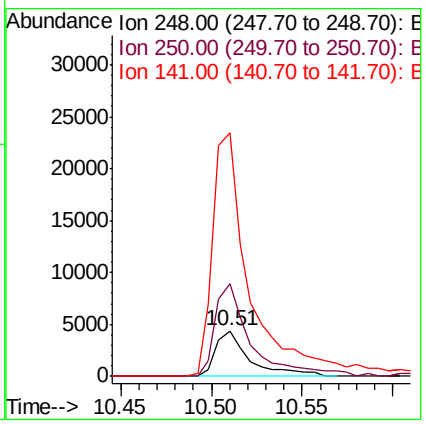


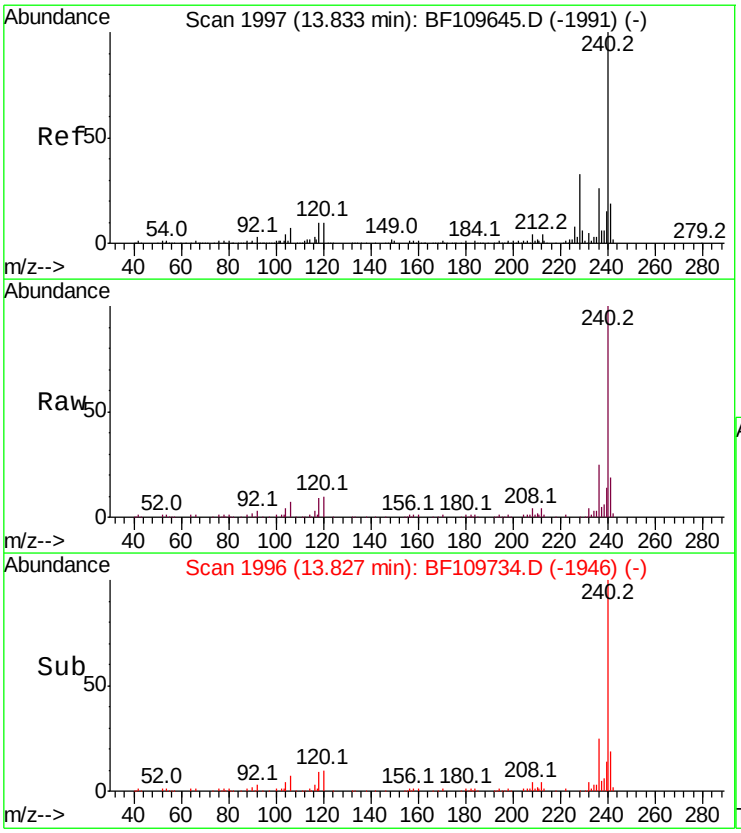
#66
4-Bromophenyl-phenylether
Concen: 2.447 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109734.D
Acq: 10 Oct 2018 9:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 5681

Ion	Ratio	Lower	Upper
248	100		
250	203.6	79.4	119.2#
141	537.2	55.9	83.9#

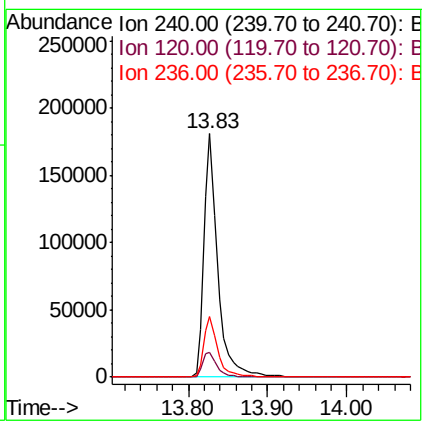


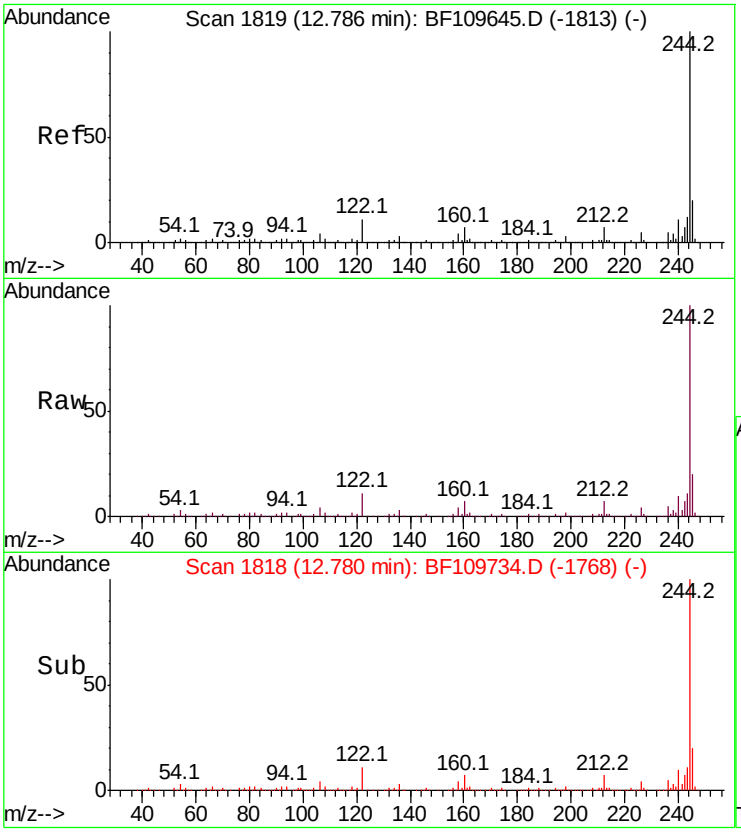


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109734.D
Acq: 10 Oct 2018 9:31

Tgt Ion:240 Resp: 220298

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.3	12.5
236	24.8	21.2	31.8



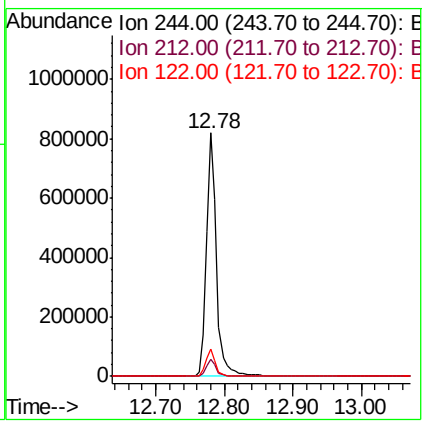


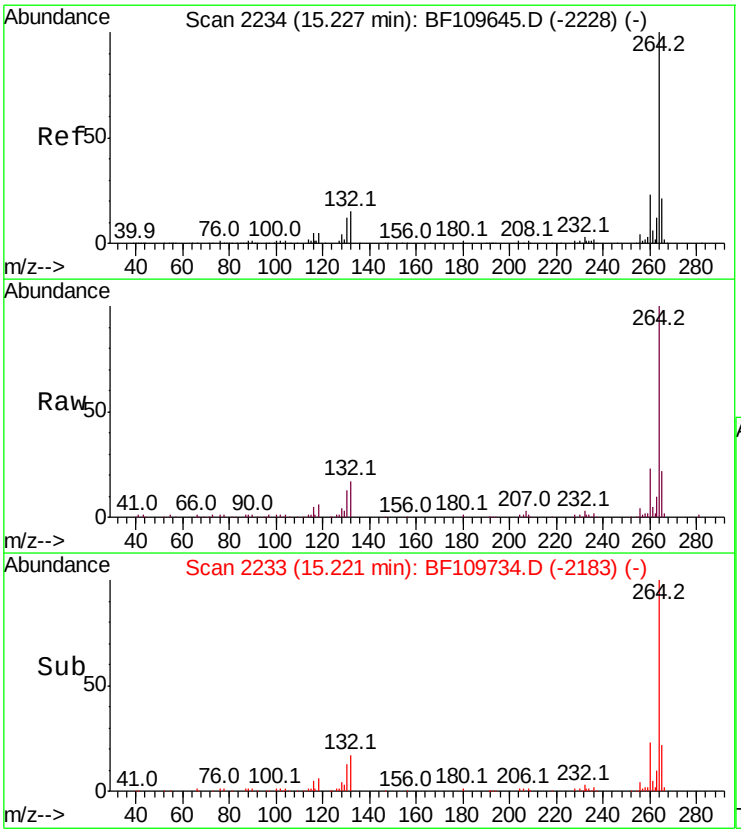
#78
Terphenyl-d14
Concen: 75.196 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109734.D
Acq: 10 Oct 2018 9:31

Instrument :
BNA_F
ClientSampleId :

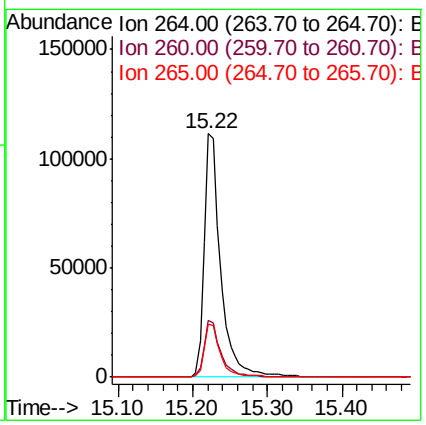
Tgt Ion:244 Resp: 855727

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.4	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: BF109734.D
Acq: 10 Oct 2018 9:31

Tgt Ion:264 Resp: 172624

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.7	16.7	25.1