Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
Data File : BF109732.D
Acq On : 10 Oct 2018 8:36
Operator : JU/SJ
Sample : J5299-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 10 10:54:07 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	77161	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	288869	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	108994	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	191572	20.00	ng	0.00
75) Chrysene-d12	13.83	240	216568	20.00	ng	0.00
86) Perylene-d12	15.23	264	160962	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	167383	38.51	ng	-0.01
7) Phenol-d6	6.35	99	146413	25.21	ng	-0.01
23) Nitrobenzene-d5	7.26	82	537563	102.58	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	95837	80.70	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	863075	109.06	ng	0.00
78) Terphenyl-d14	12.78	244	831445	74.32	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	7946	2.126	ng	# 69
19) n-Nitroso-di-n-propylamine	7.26	70	69561	17.081	ng	# 78
25) Isophorone	7.26	82	537563	61.775	ng	# 67
49) Dimethylphthalate	9.45	163	22278	2.787	ng	99
50) 2,6-Dinitrotoluene	9.72	165	12831	7.405	ng	# 21
56) 2,4-Dinitrotoluene	9.72	165	12831	5.934	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	5226	2.374	ng	# 1

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

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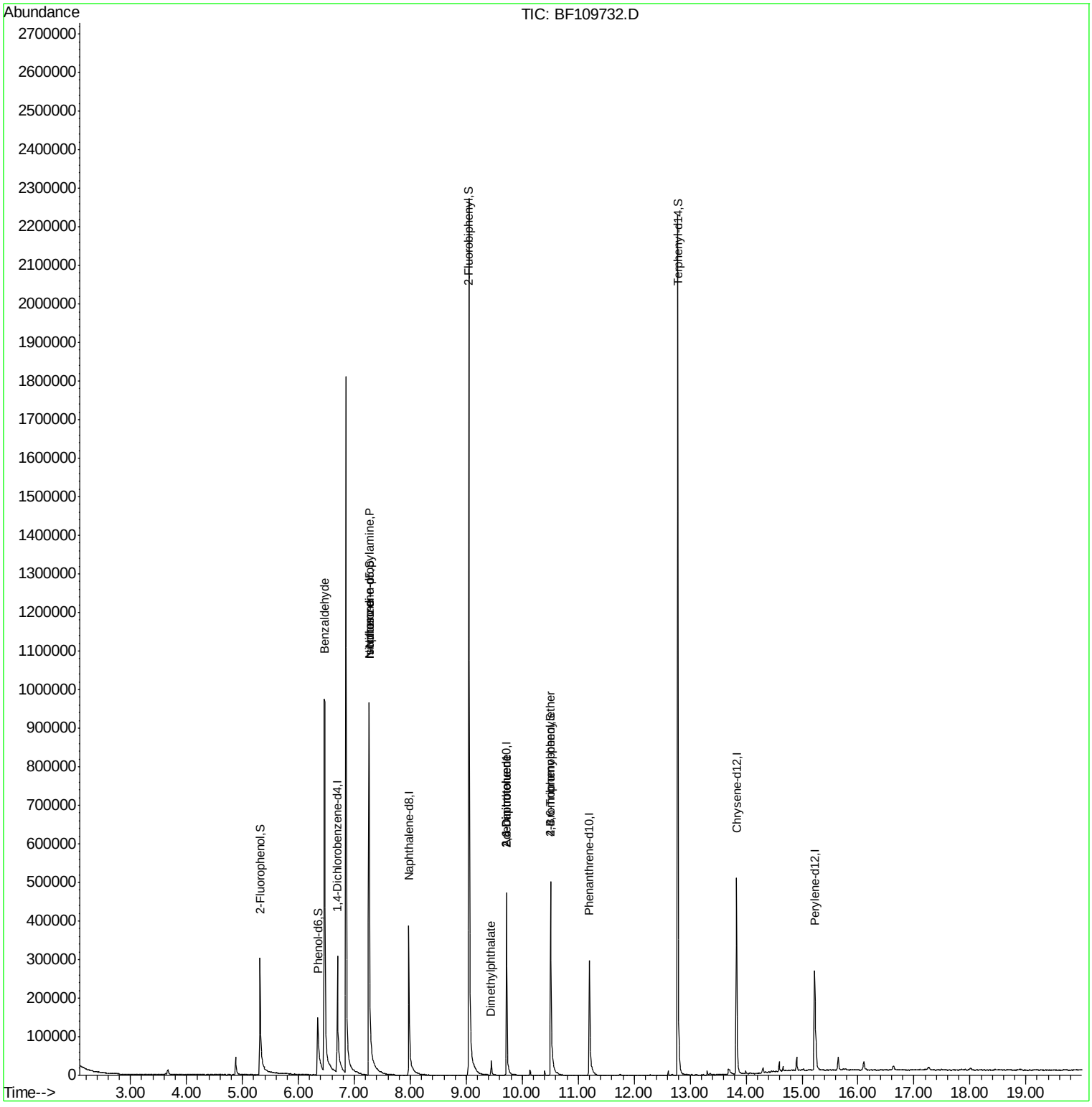
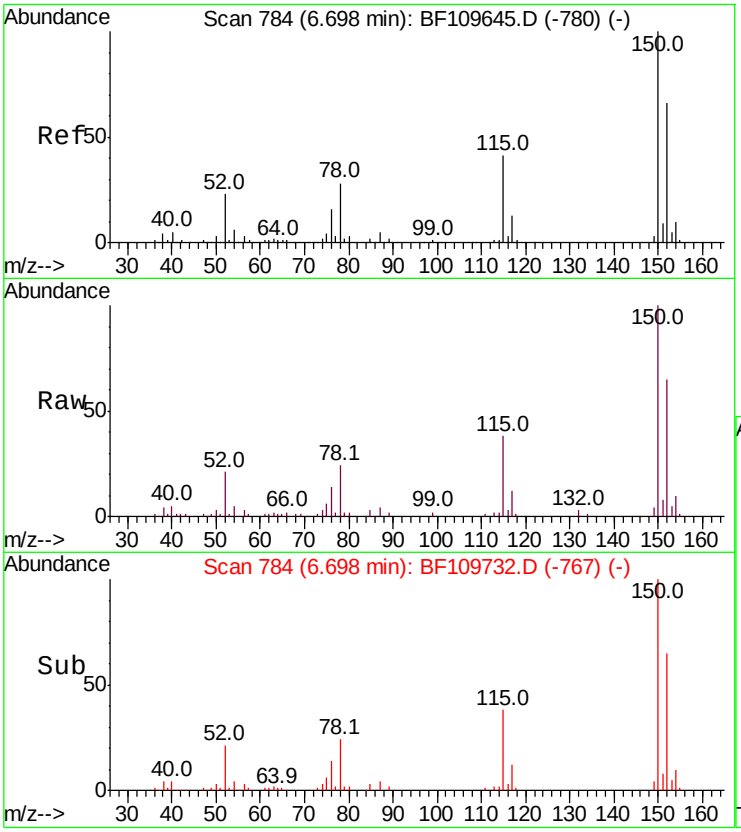


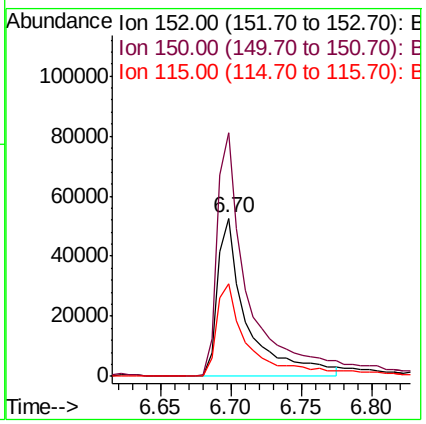


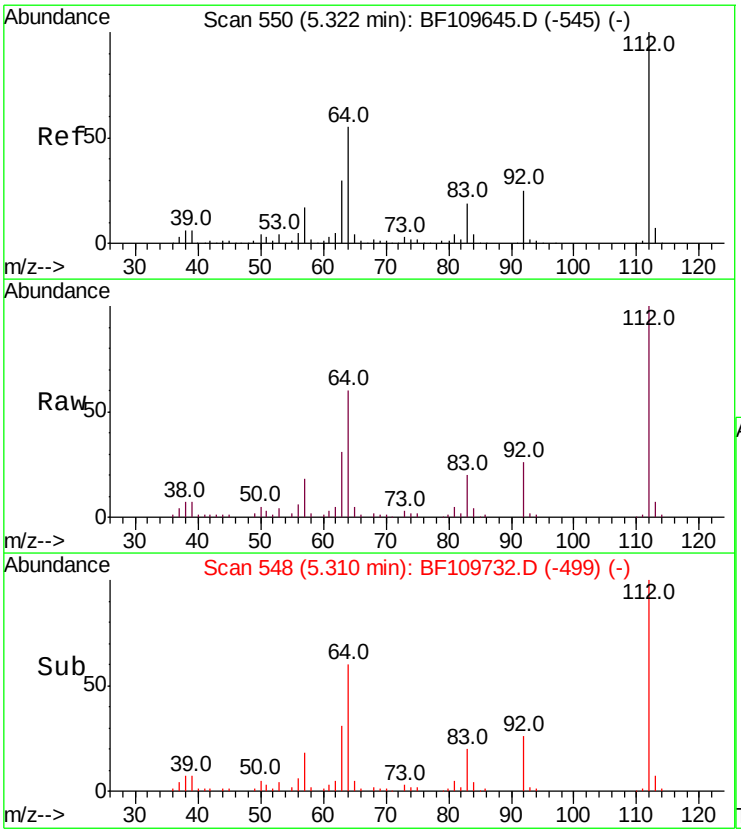
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109732.D
Acq: 10 Oct 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 77161

Ion	Ratio	Lower	Upper
152	100		
150	154.0	122.7	184.1
115	58.4	49.1	73.7

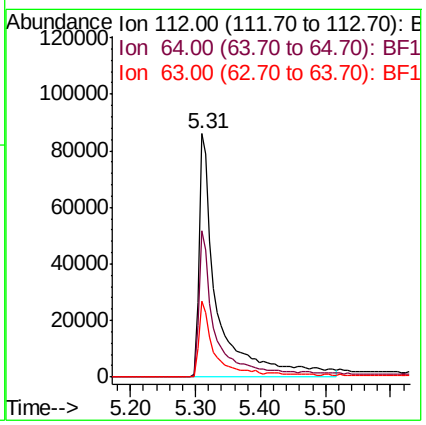


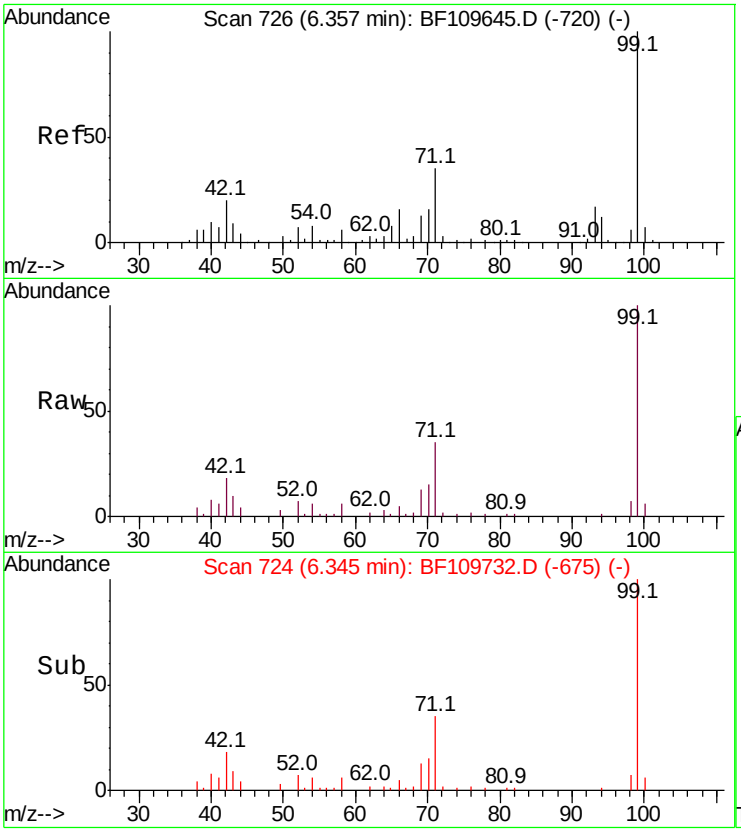


#5
2-Fluorophenol
Concen: 38.505 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109732.D
Acq: 10 Oct 2018 8:36

Tgt Ion:112 Resp: 167383

Ion	Ratio	Lower	Upper
112	100		
64	60.0	44.1	66.1
63	31.0	23.7	35.5



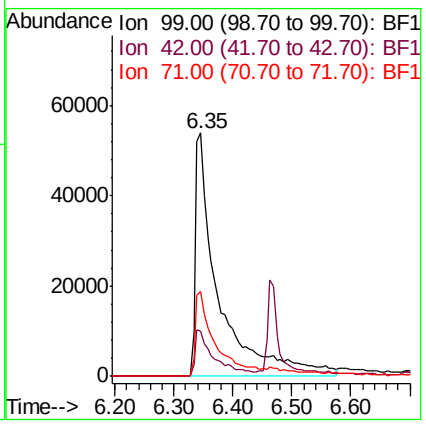


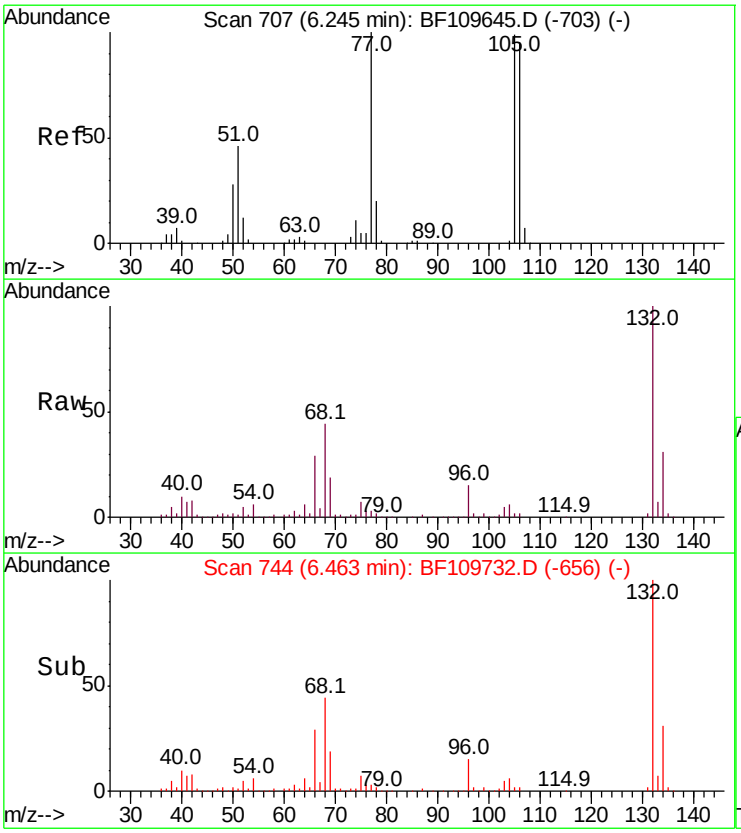
#7
Phenol-d6
Concen: 25.213 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109732.D
Acq: 10 Oct 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 146413

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.8	23.6
71	34.9	28.0	42.0

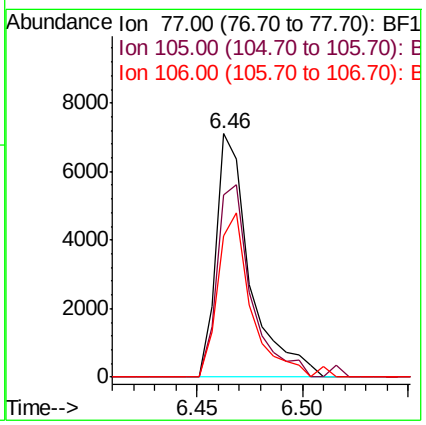


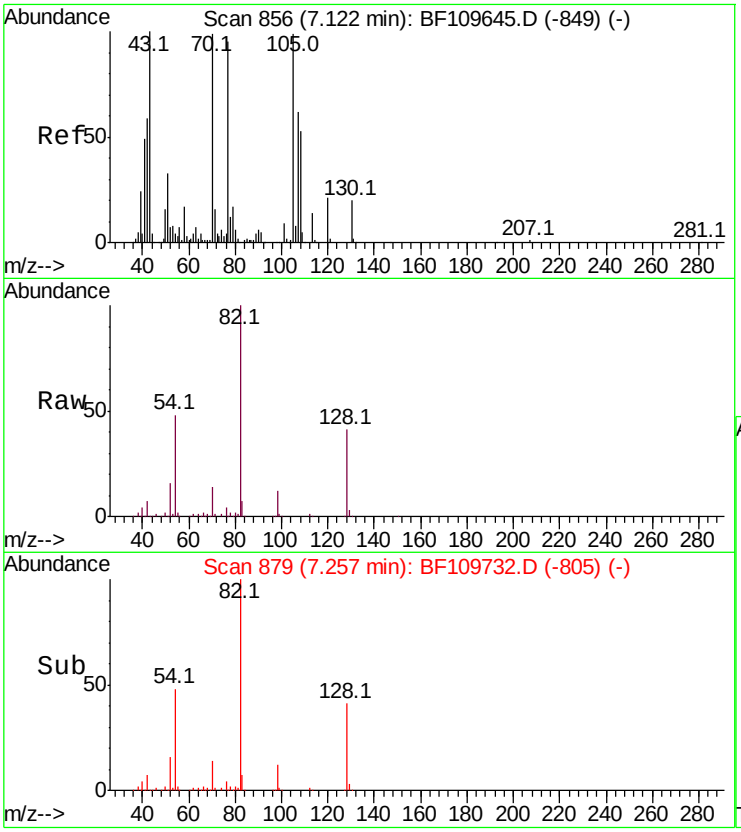


#9
Benzaldehyde
Concen: 2.126 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.22 min
Lab File: BF109732.D
Acq: 10 Oct 2018 8:36

Tgt Ion: 77 Resp: 7946

Ion	Ratio	Lower	Upper
77	100		
105	74.7	78.6	118.6#
106	58.0	74.8	114.8#



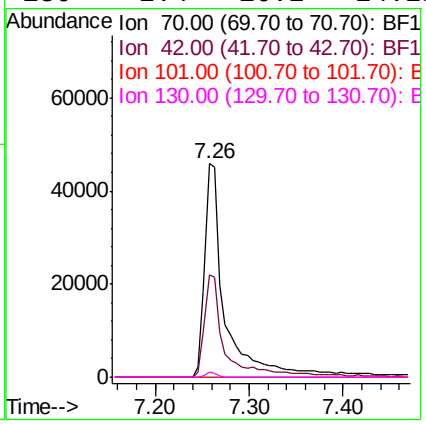


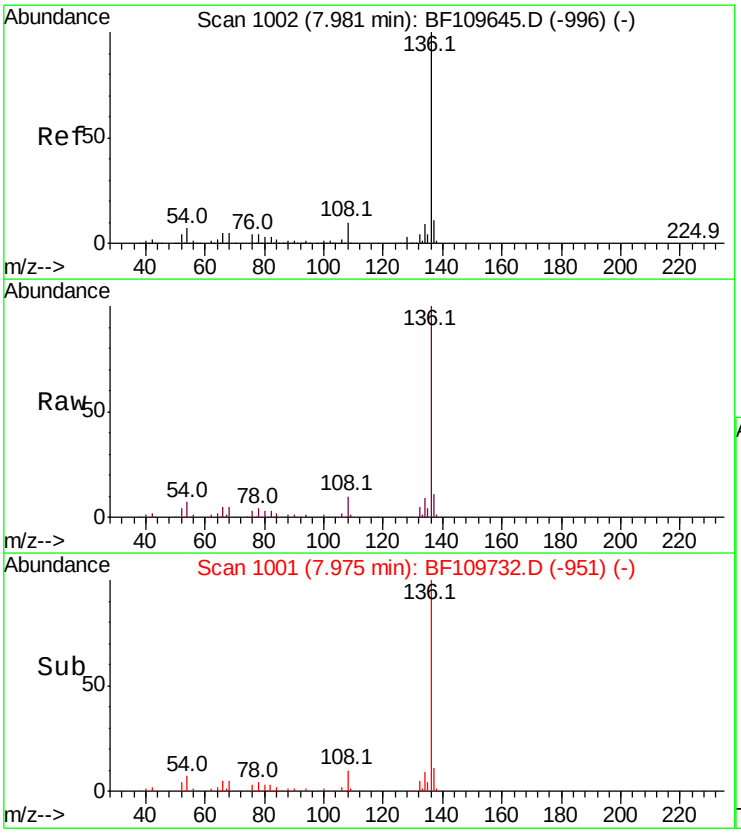
#19
n-Nitroso-di-n-propylamine
Concen: 17.081 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109732.D
Acq: 10 Oct 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 69561

Ion	Ratio	Lower	Upper
70	100		
42	47.7	47.4	71.2
101	0.0	7.3	10.9#
130	2.4	16.2	24.2#

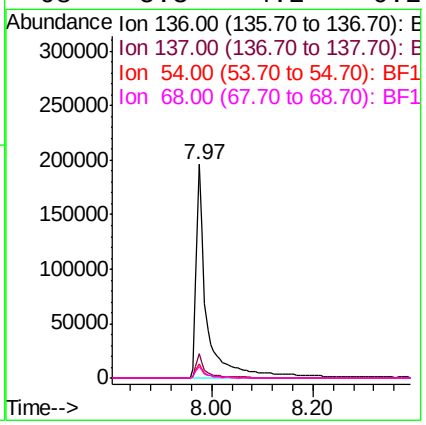


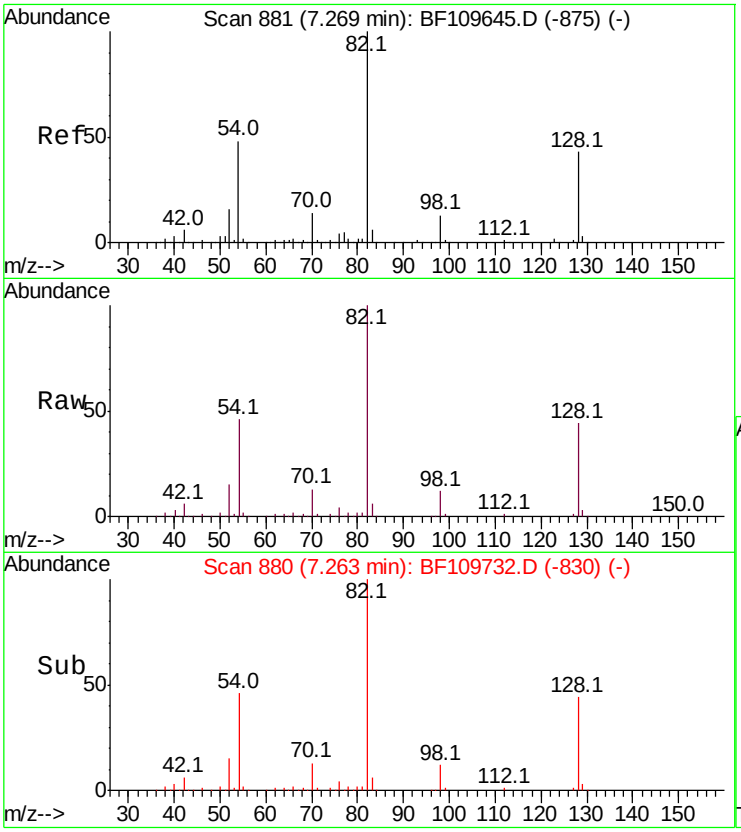


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109732.D
Acq: 10 Oct 2018 8:36

Tgt Ion:136 Resp: 288869

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	6.7	5.4	8.2
68	5.3	4.2	6.2



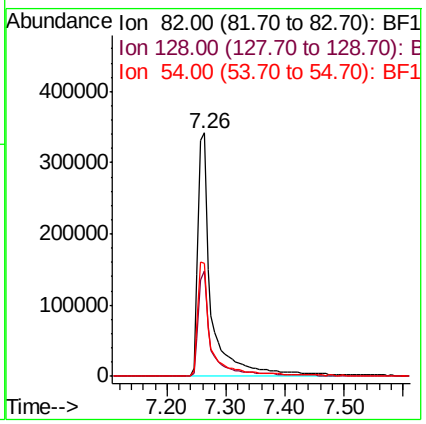


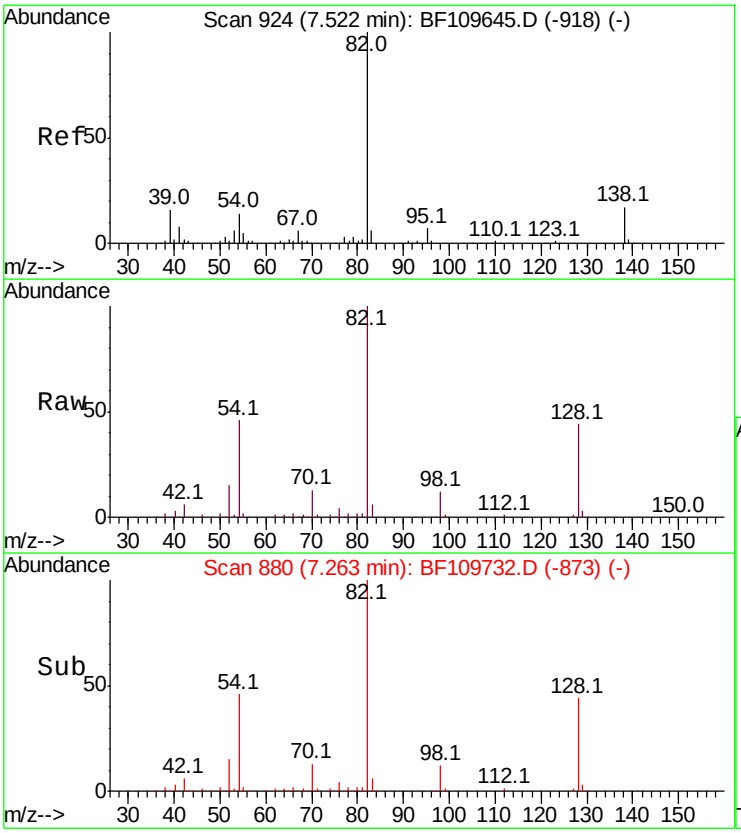
#23
Nitrobenzene-d5
Concen: 102.580 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109732.D
Acq: 10 Oct 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 537563

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.2	51.2
54	46.5	38.6	58.0

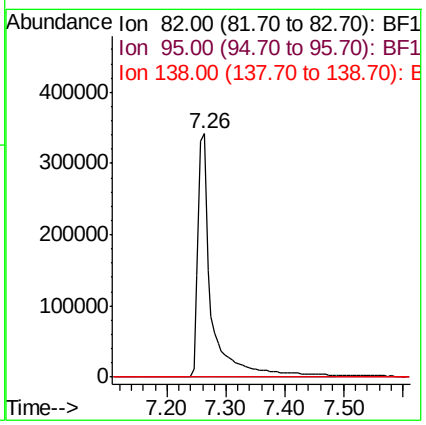


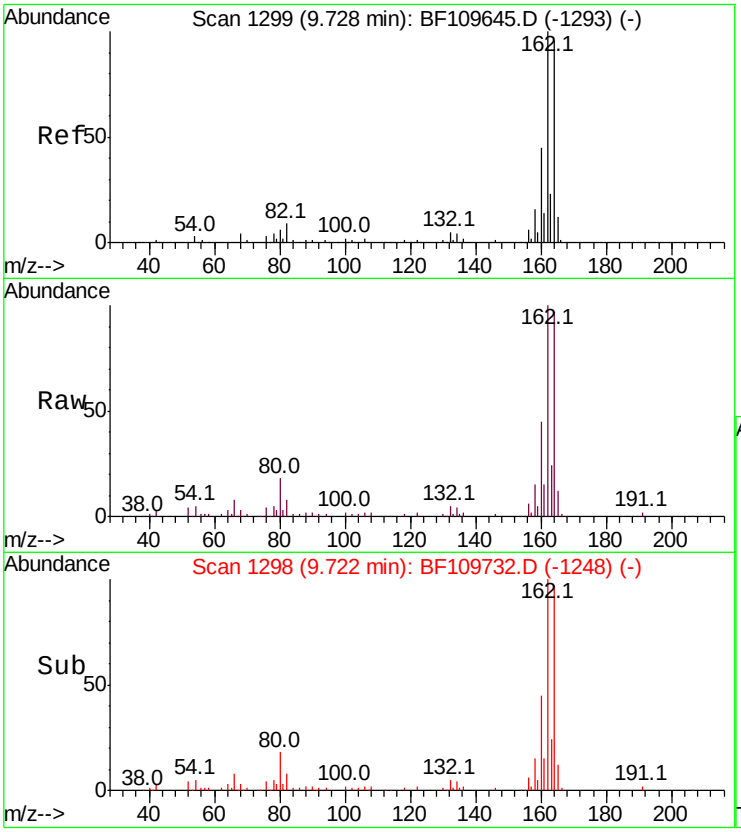


#25
Isophorone
Concen: 61.775 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.26 min
Lab File: BF109732.D
Acq: 10 Oct 2018 8:36

Tgt Ion: 82 Resp: 537563

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



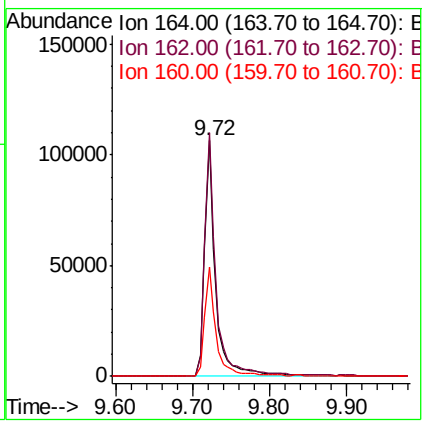


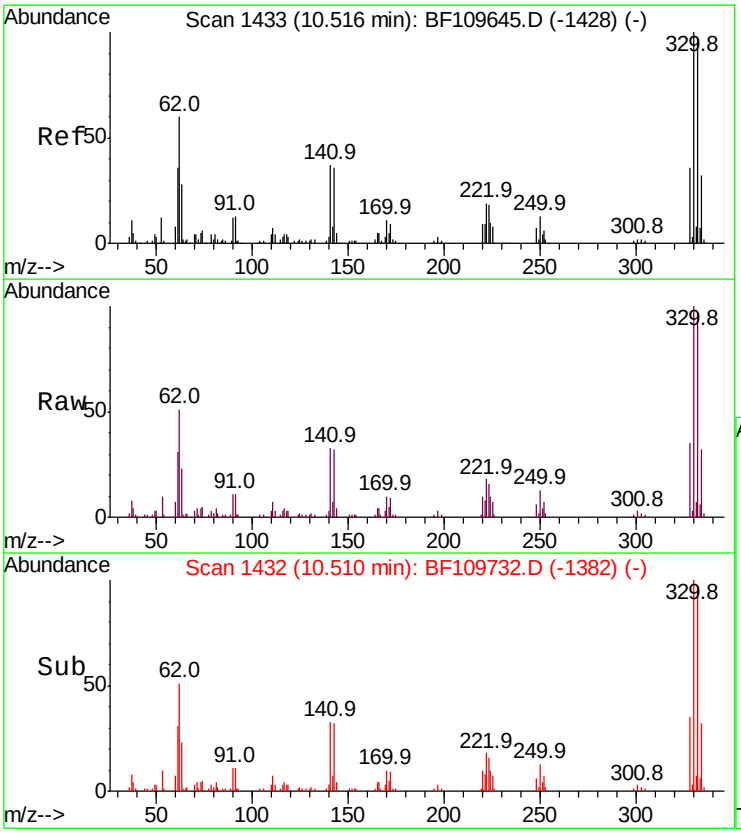
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109732.D
Acq: 10 Oct 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 108994

Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.0	124.6
160	46.1	37.0	55.6

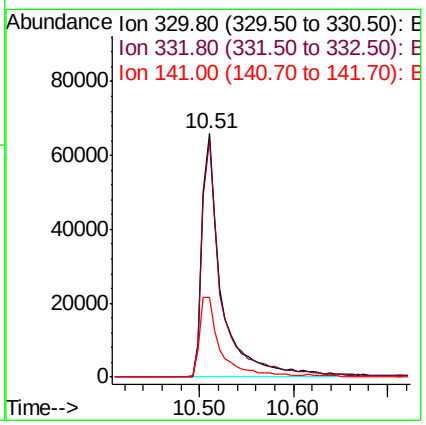


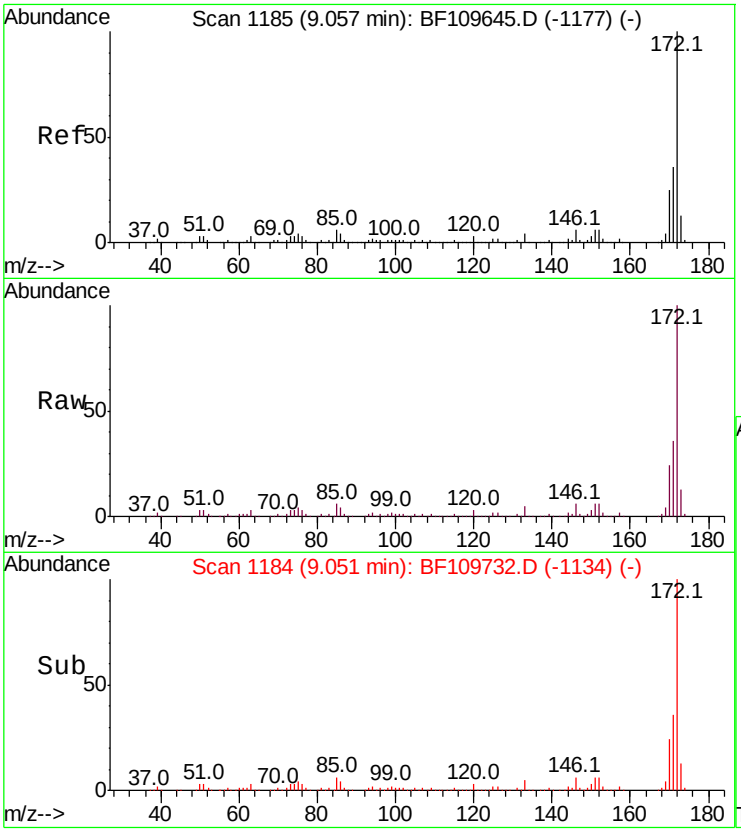


#41
2,4,6-Tribromophenol
Concen: 80.698 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109732.D
Acq: 10 Oct 2018 8:36

Tgt Ion:330 Resp: 95837

Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.1	115.7
141	36.2	27.0	40.4



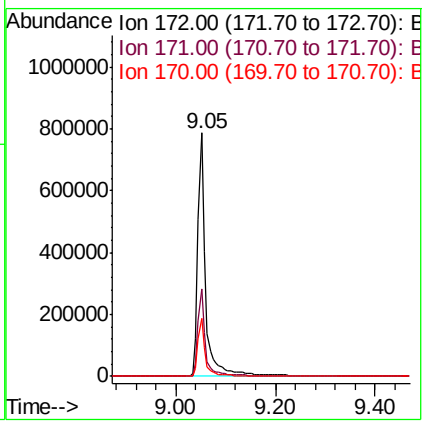


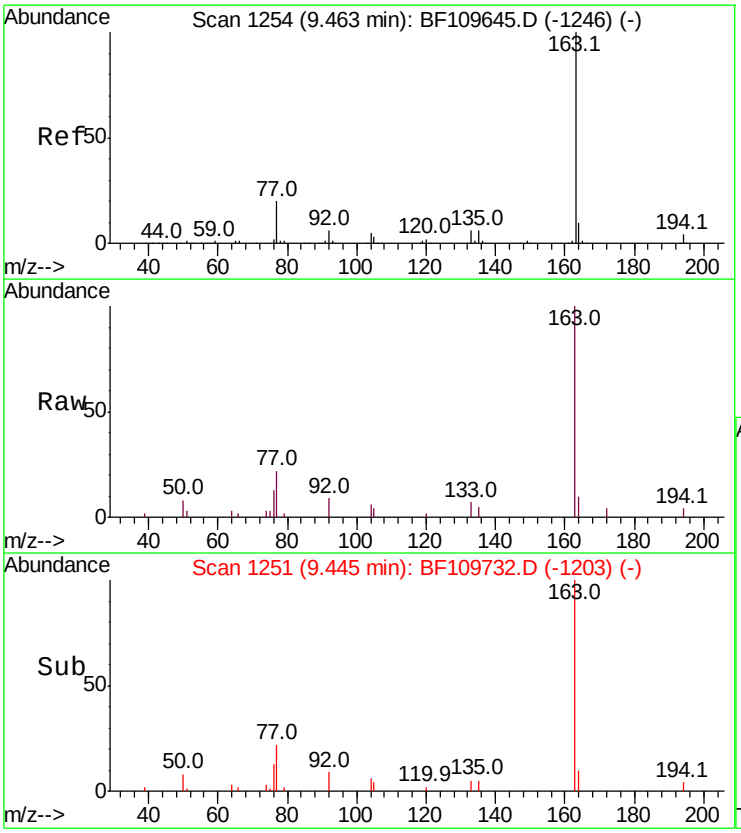
#44
2-Fluorobiphenyl
Concen: 109.059 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109732.D
Acq: 10 Oct 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 863075

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.7	19.7	29.5

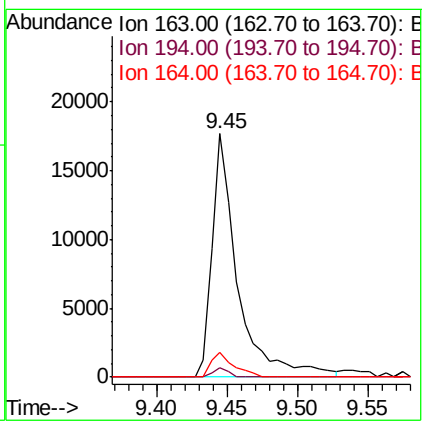


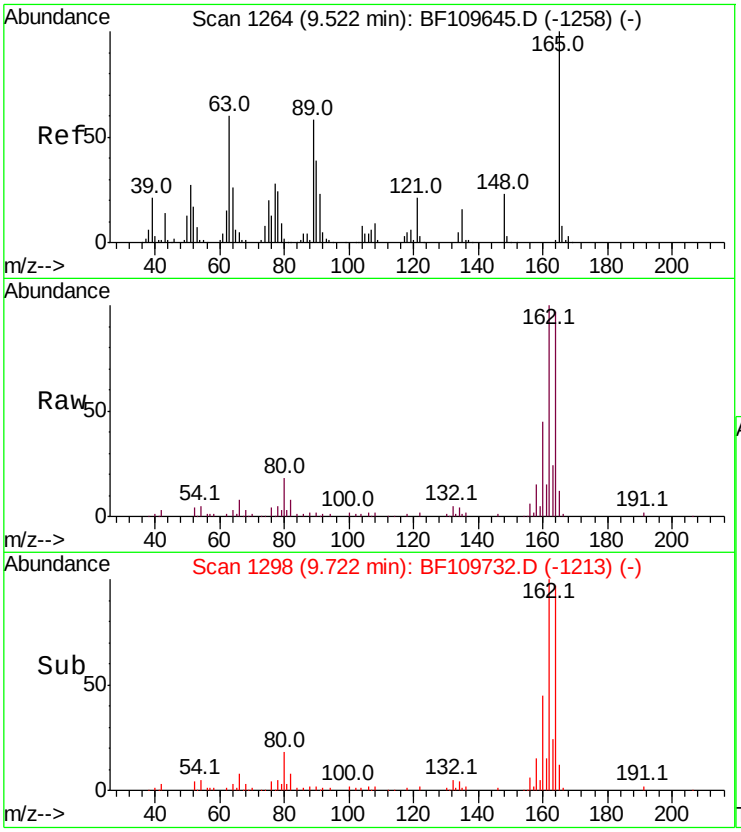


#49
Dimethylphthalate
Concen: 2.787 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109732.D
Acq: 10 Oct 2018 8:36

Tgt Ion:163 Resp: 22278

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.4	8.1	12.1



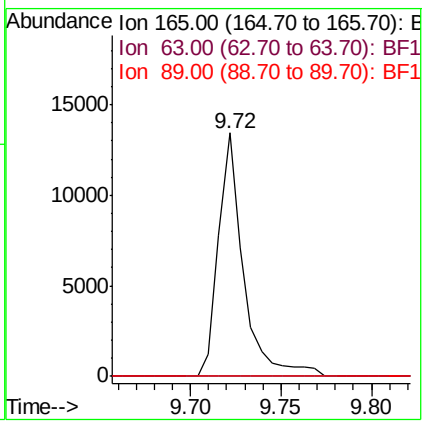


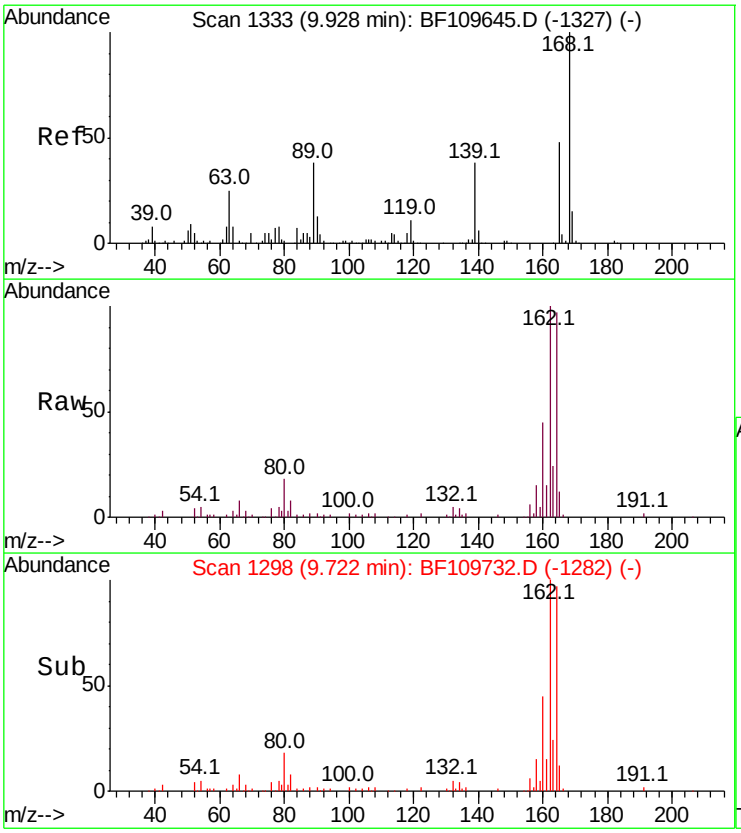
#50
2,6-Dinitrotoluene
Concen: 7.405 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109732.D
Acq: 10 Oct 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 12831

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

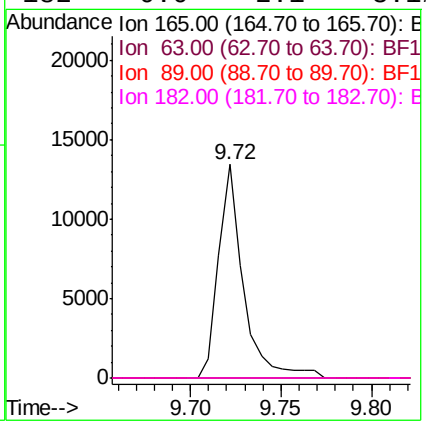


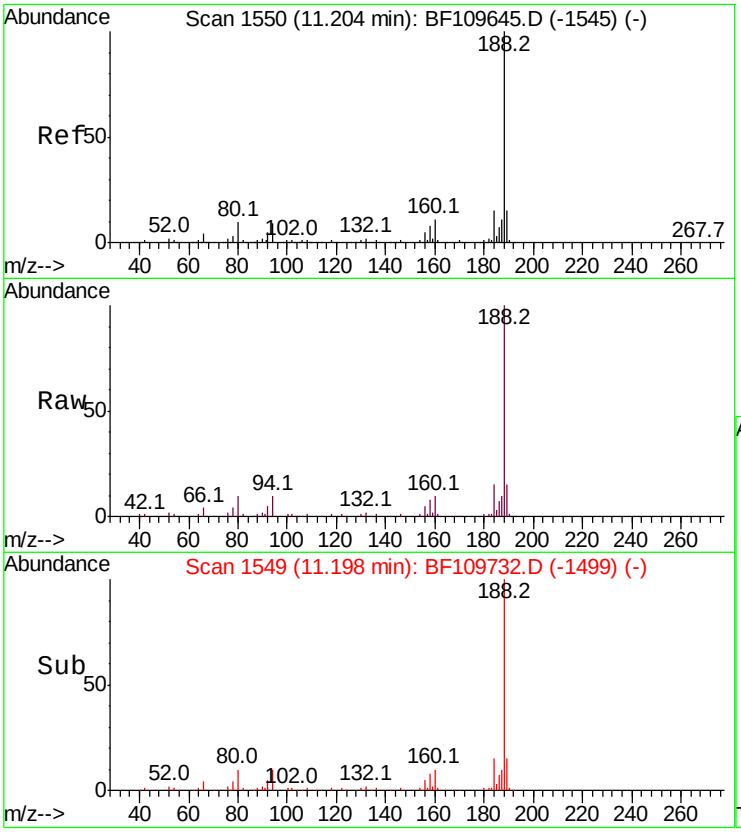


#56
2,4-Dinitrotoluene
Concen: 5.934 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109732.D
Acq: 10 Oct 2018 8:36

Tgt Ion:165 Resp: 12831

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#



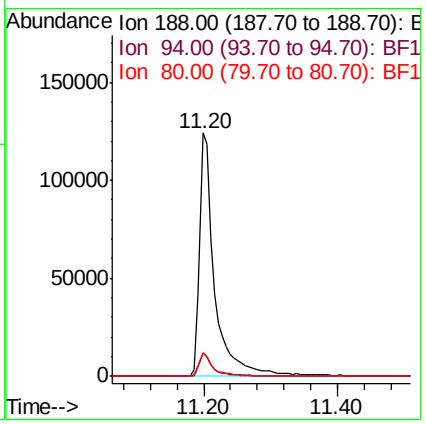


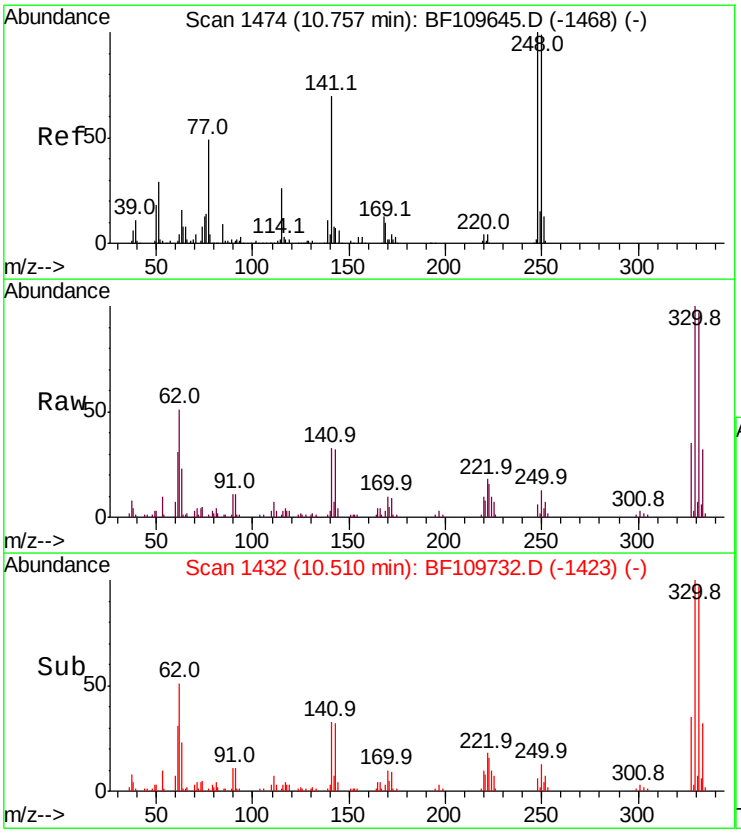
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109732.D
Acq: 10 Oct 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 191572

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	9.5	7.9	11.9

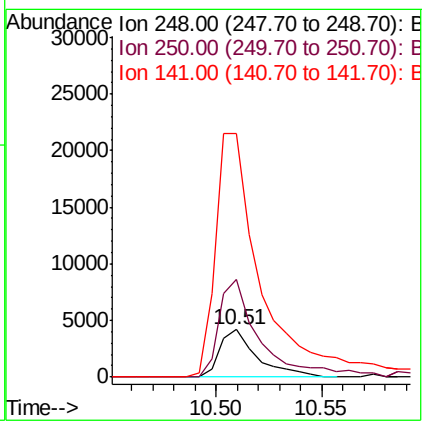


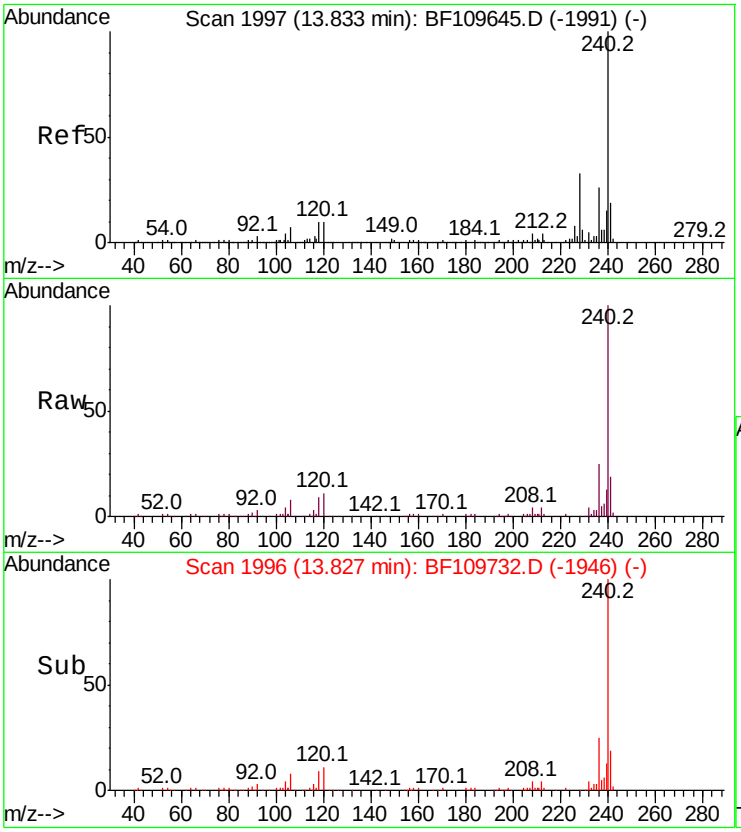


#66
4-Bromophenyl-phenylether
Concen: 2.374 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109732.D
Acq: 10 Oct 2018 8:36

Tgt Ion:248 Resp: 5226

Ion	Ratio	Lower	Upper
248	100		
250	205.3	79.4	119.2#
141	511.1	55.9	83.9#



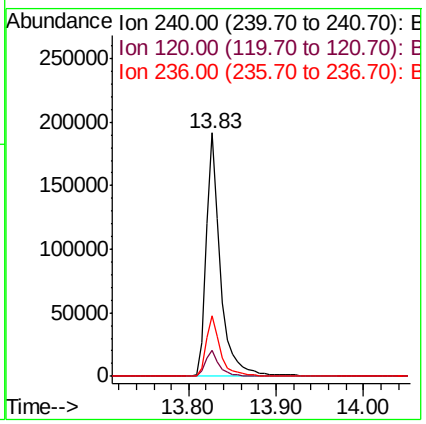


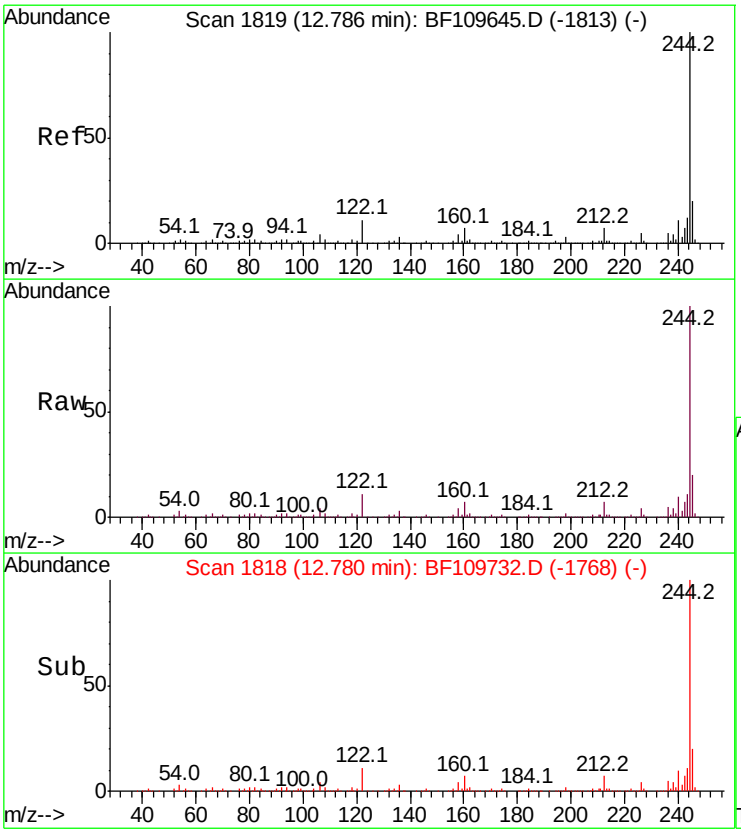
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109732.D
Acq: 10 Oct 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 216568

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.3	12.5
236	25.0	21.2	31.8

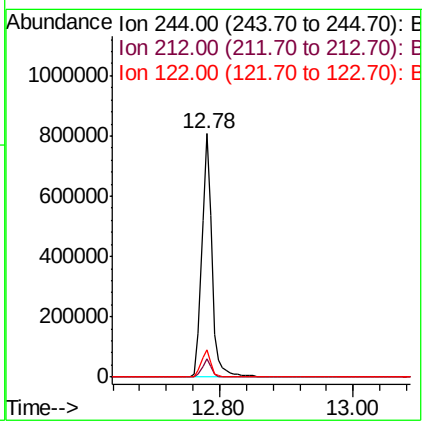


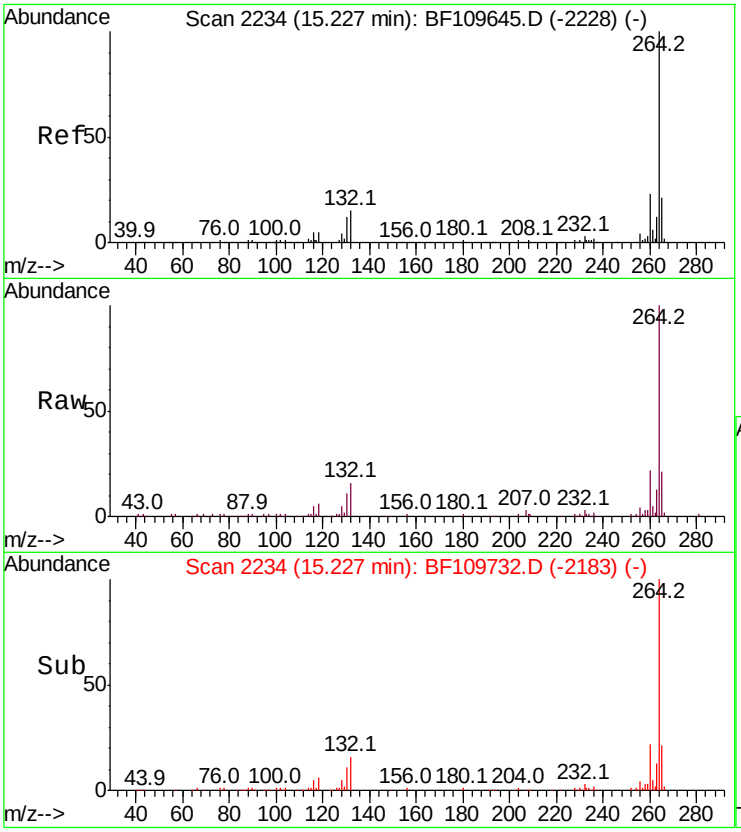


#78
Terphenyl-d14
Concen: 74.320 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109732.D
Acq: 10 Oct 2018 8:36

Tgt Ion:244 Resp: 831445

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.1	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: BF109732.D
Acq: 10 Oct 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 160962

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.7	28.1
265	20.8	16.7	25.1