Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
Data File : BF109733.D
Acq On : 10 Oct 2018 9:04
Operator : JU/SJ
Sample : J5299-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 10 10:54:24 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	68284	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	258187	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	98312	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	184611	20.00	ng	0.00
75) Chrysene-d12	13.83	240	211947	20.00	ng	0.00
86) Perylene-d12	15.23	264	162641	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	147625	38.37	ng	-0.01
7) Phenol-d6	6.35	99	112860	21.96	ng	-0.01
23) Nitrobenzene-d5	7.26	82	462102	98.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	88649	82.76	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	724256	101.46	ng	0.00
78) Terphenyl-d14	12.78	244	778972	71.15	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	7257	2.194	ng	# 75
19) n-Nitroso-di-n-propylamine	7.26	70	58129	16.130	ng	# 78
25) Isophorone	7.26	82	466354	59.960	ng	# 67
49) Dimethylphthalate	9.45	163	34819	4.829	ng	98
50) 2,6-Dinitrotoluene	9.72	165	11744	7.514	ng	# 22
56) 2,4-Dinitrotoluene	9.72	165	11744	6.021	ng	# 19
66) 4-Bromophenyl-phenylether	10.51	248	4824	2.274	ng	# 1

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

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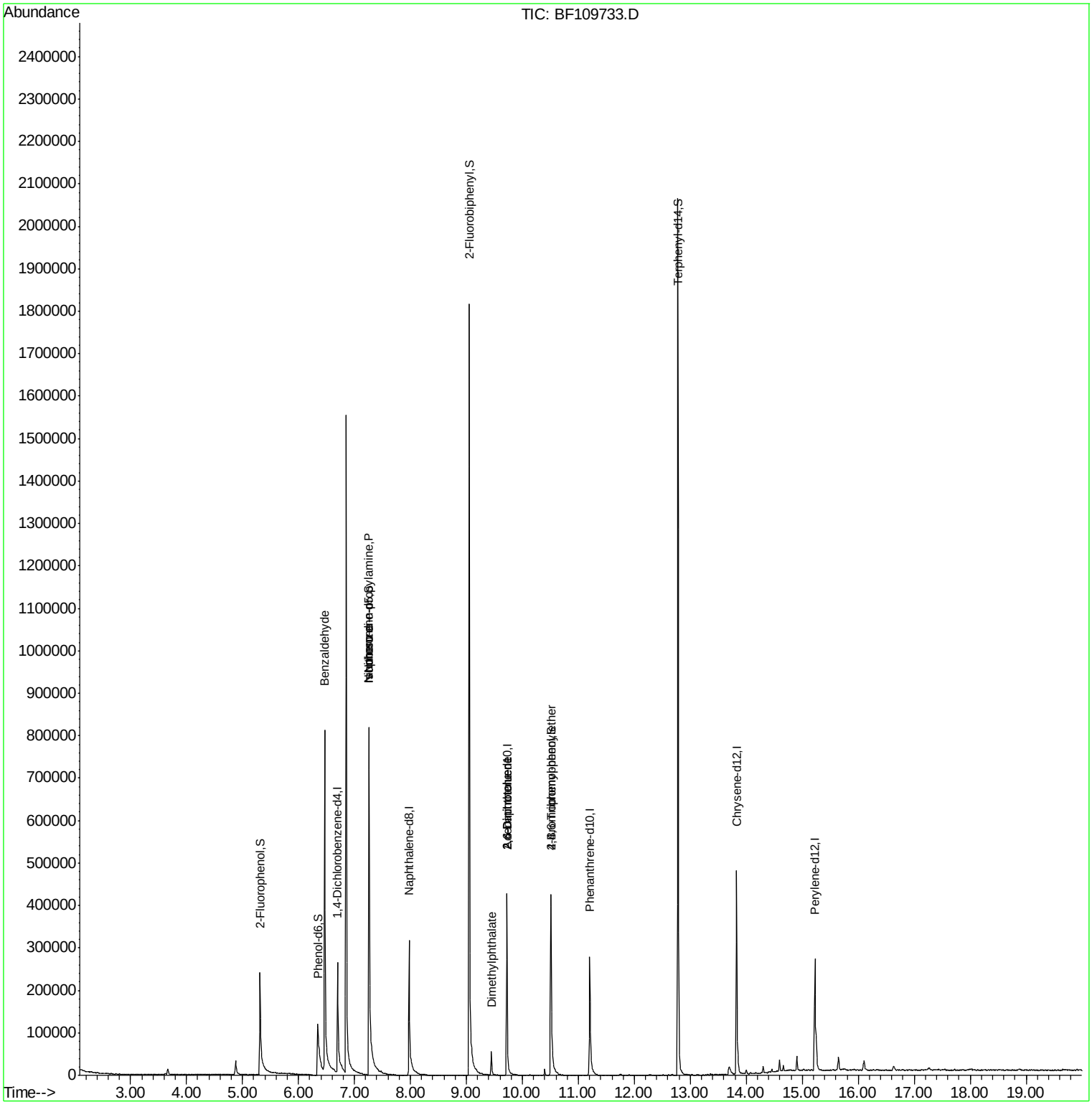
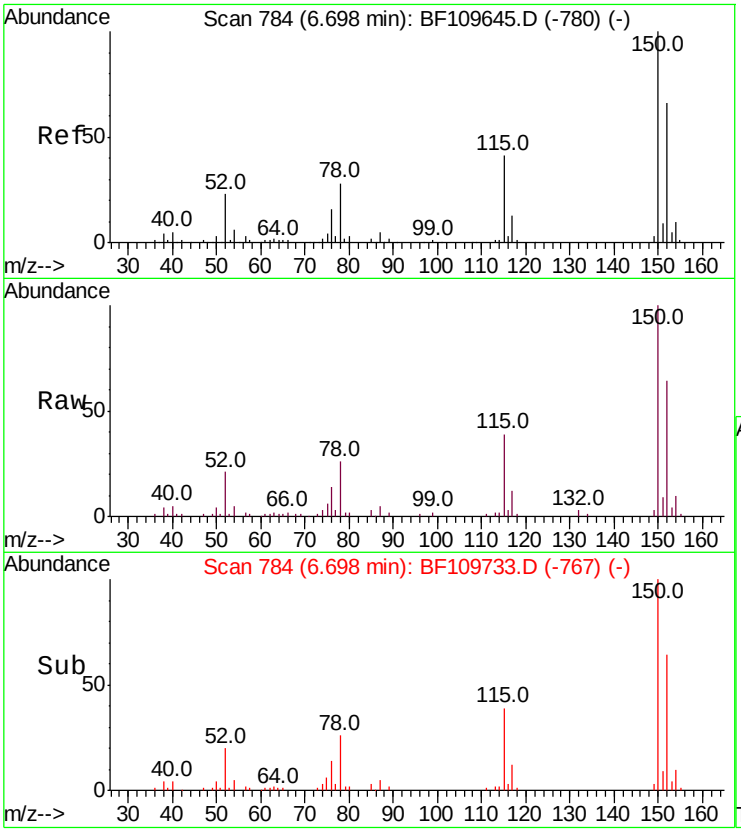


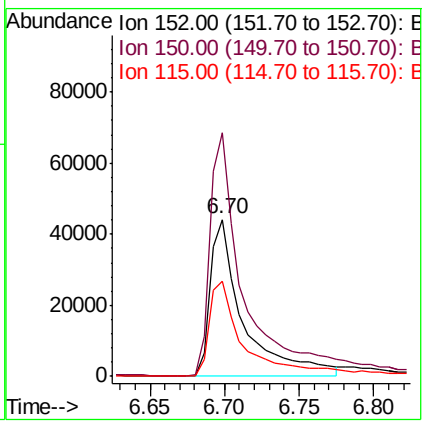


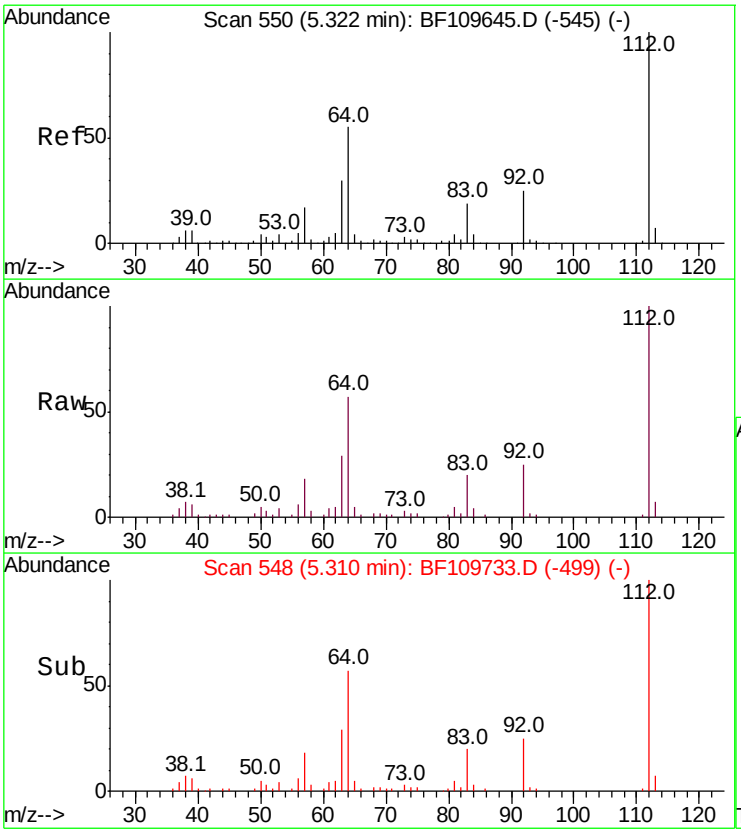
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109733.D
Acq: 10 Oct 2018 9:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 68284

Ion	Ratio	Lower	Upper
152	100		
150	155.3	122.7	184.1
115	60.3	49.1	73.7

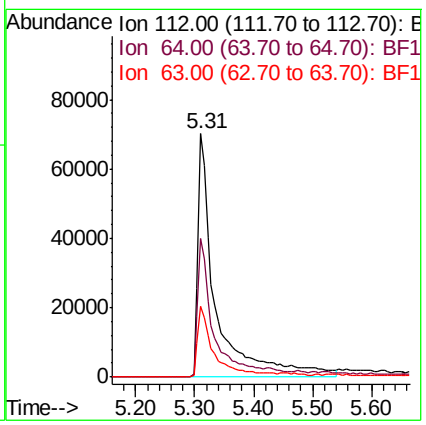


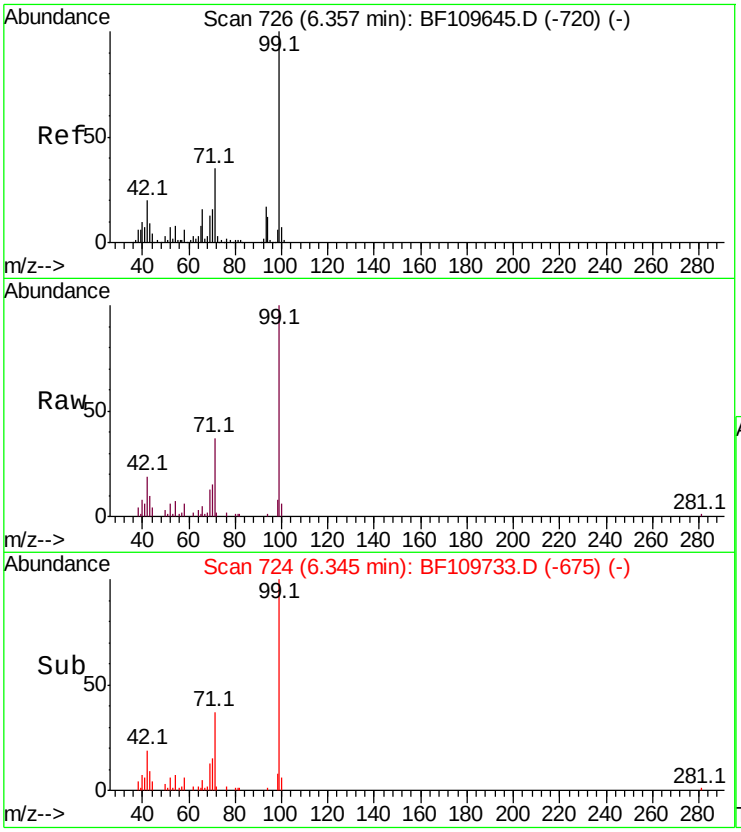


#5
2-Fluorophenol
Concen: 38.375 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109733.D
Acq: 10 Oct 2018 9:04

Tgt Ion:112 Resp: 147625

Ion	Ratio	Lower	Upper
112	100		
64	57.0	44.1	66.1
63	29.2	23.7	35.5



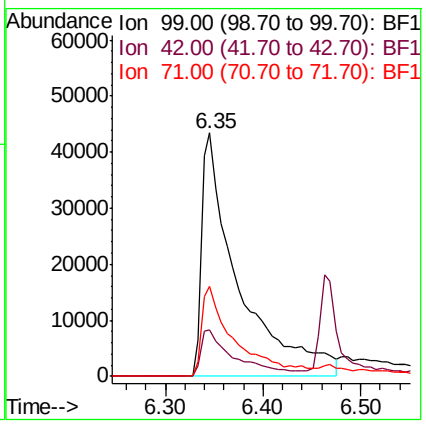


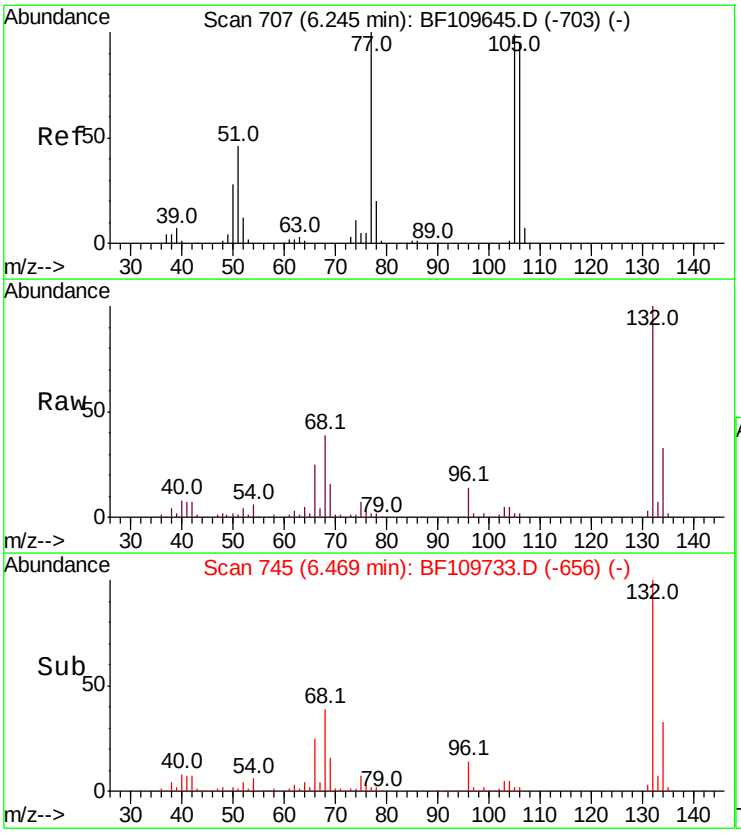
#7
Phenol-d6
Concen: 21.961 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109733.D
Acq: 10 Oct 2018 9:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 112860

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.8	23.6
71	37.0	28.0	42.0

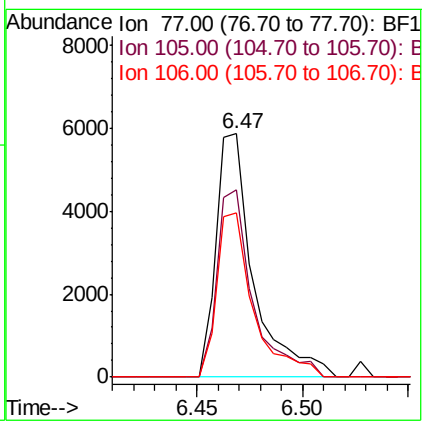


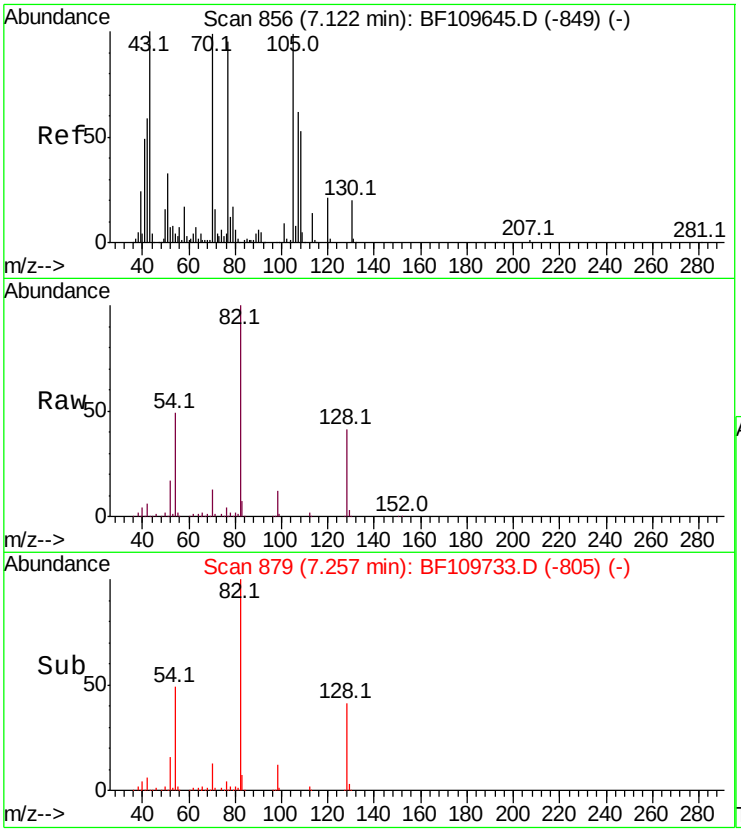


#9
Benzaldehyde
Concen: 2.194 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.22 min
Lab File: BF109733.D
Acq: 10 Oct 2018 9:04

Tgt Ion: 77 Resp: 7257

Ion	Ratio	Lower	Upper
77	100		
105	77.1	78.6	118.6#
106	67.5	74.8	114.8#



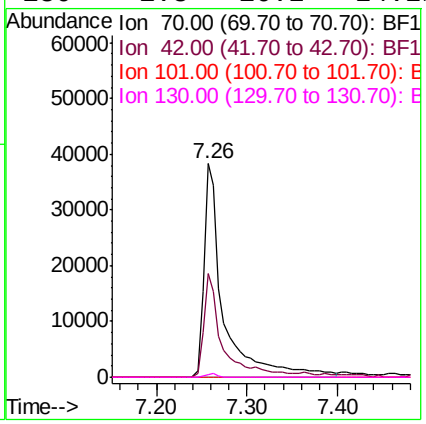


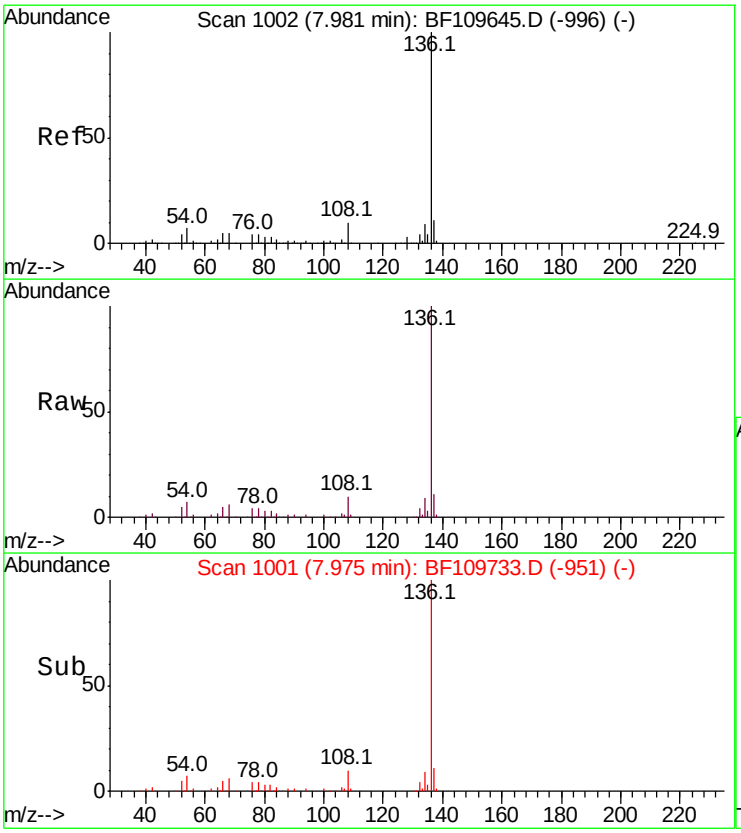
#19
n-Nitroso-di-n-propylamine
Concen: 16.130 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109733.D
Acq: 10 Oct 2018 9:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 58129

Ion	Ratio	Lower	Upper
70	100		
42	48.4	47.4	71.2
101	0.0	7.3	10.9#
130	1.3	16.2	24.2#

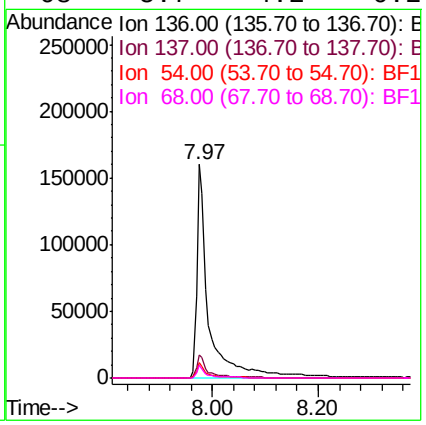


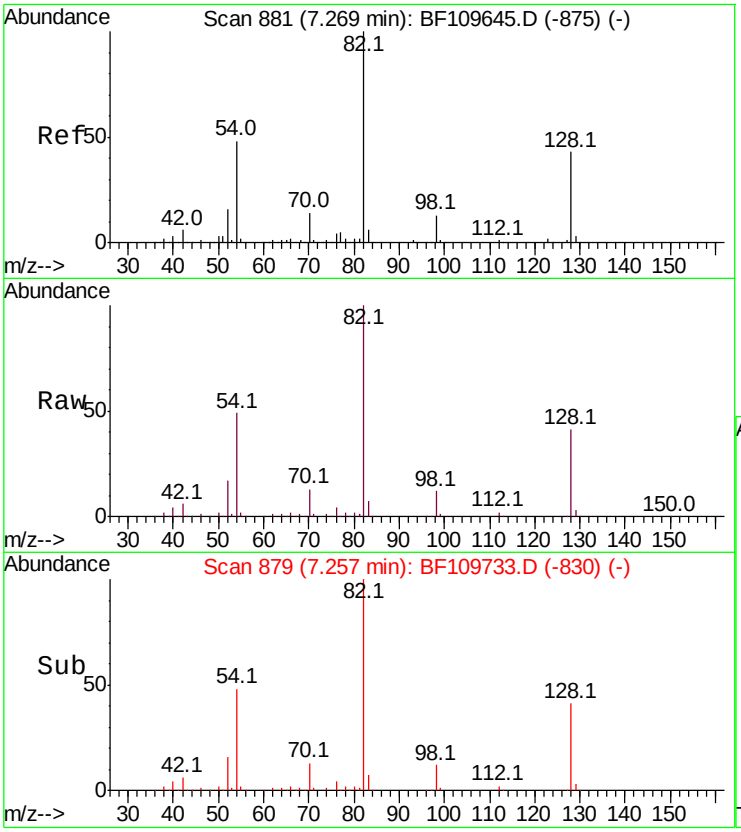


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109733.D
Acq: 10 Oct 2018 9:04

Tgt Ion:136 Resp: 258187

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.2	5.4	8.2
68	5.7	4.2	6.2



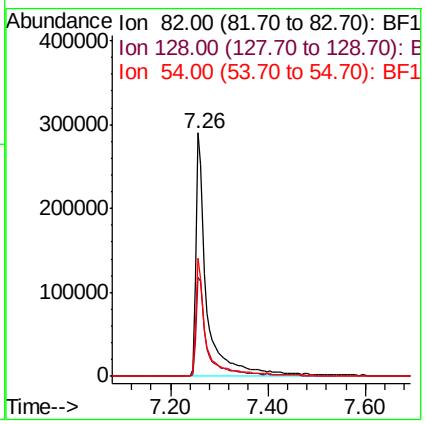


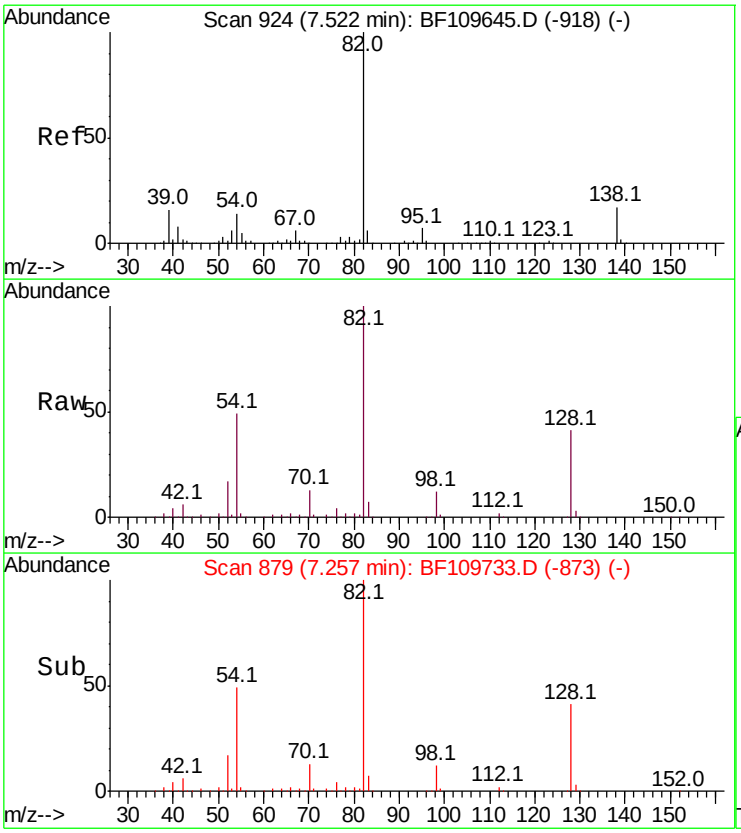
#23
Nitrobenzene-d5
Concen: 98.660 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109733.D
Acq: 10 Oct 2018 9:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 462102

Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.2	51.2
54	48.6	38.6	58.0

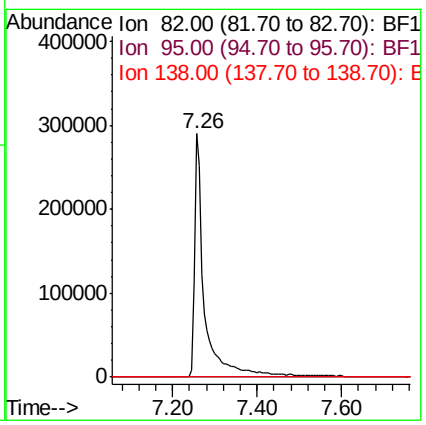


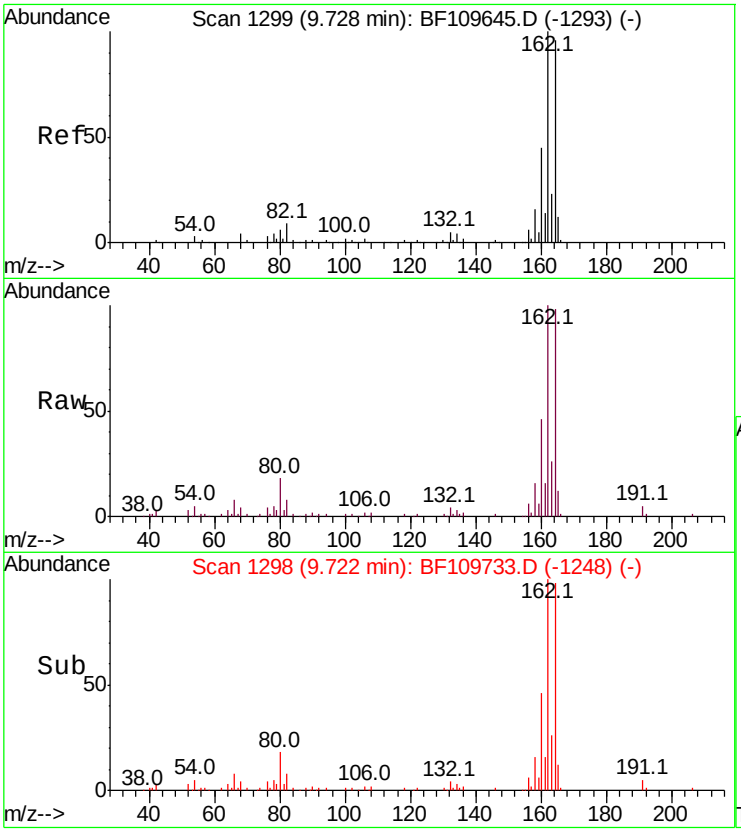


#25
Isophorone
Concen: 59.960 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109733.D
Acq: 10 Oct 2018 9:04

Tgt Ion: 82 Resp: 466354

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



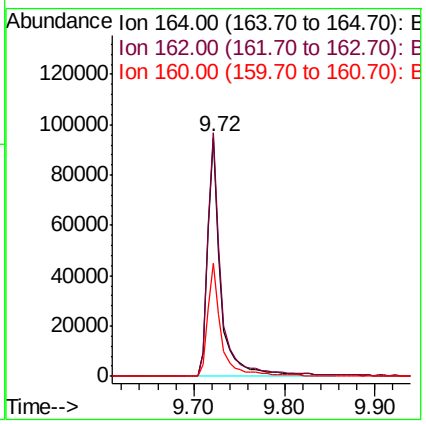


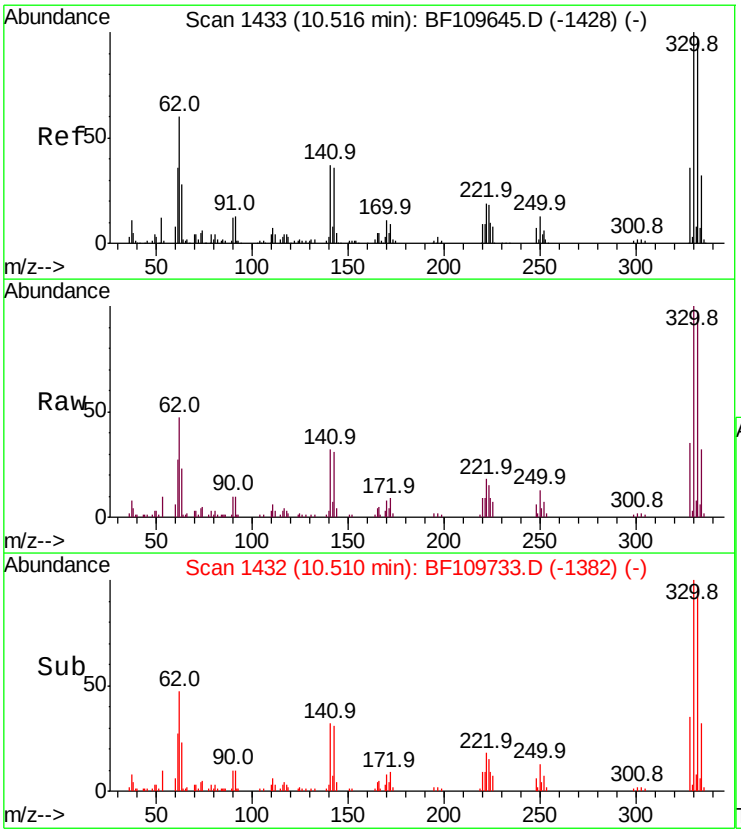
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109733.D
Acq: 10 Oct 2018 9:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 98312

Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.0	124.6
160	47.3	37.0	55.6

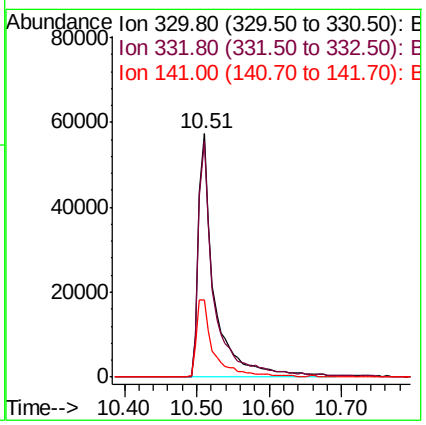


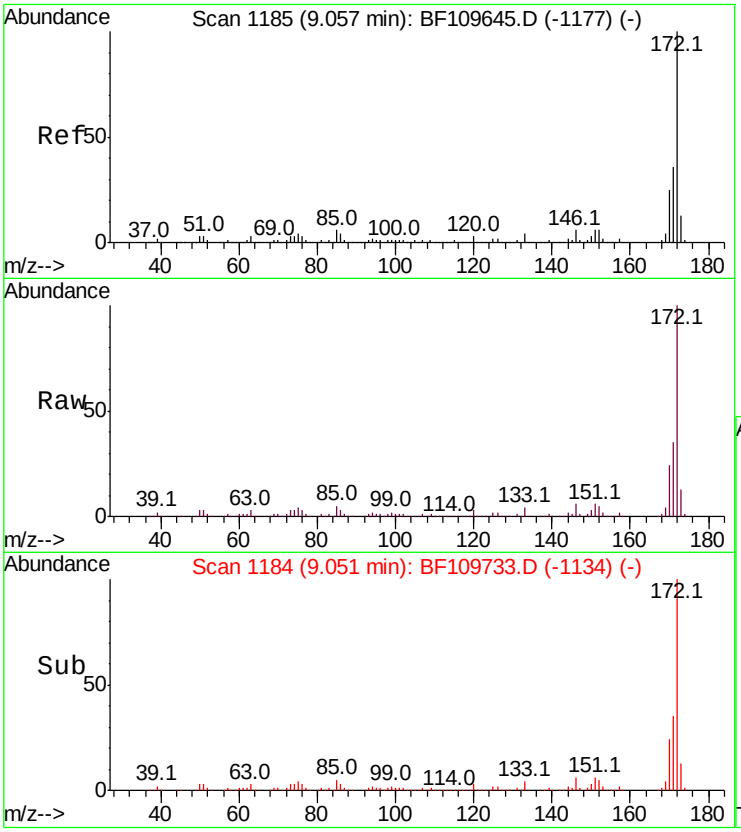


#41
2,4,6-Tribromophenol
Concen: 82.756 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109733.D
Acq: 10 Oct 2018 9:04

Tgt Ion:330 Resp: 88649

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.1	115.7
141	34.4	27.0	40.4



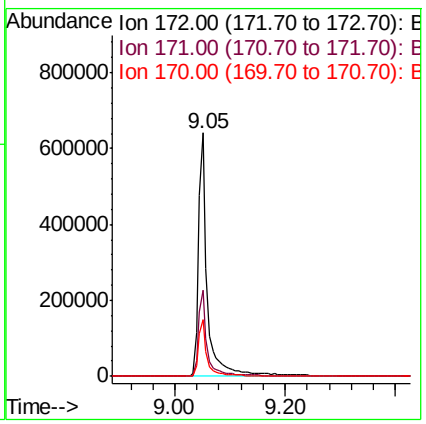


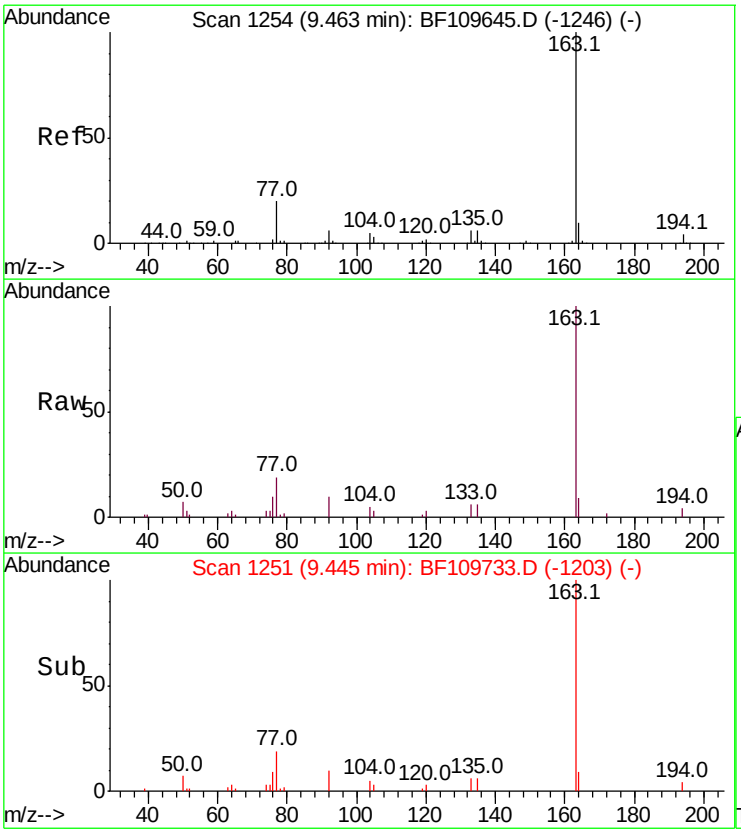
#44
2-Fluorobiphenyl
Concen: 101.461 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109733.D
Acq: 10 Oct 2018 9:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 724256

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.5	19.7	29.5

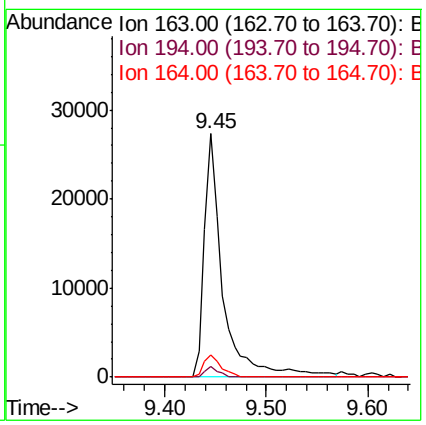


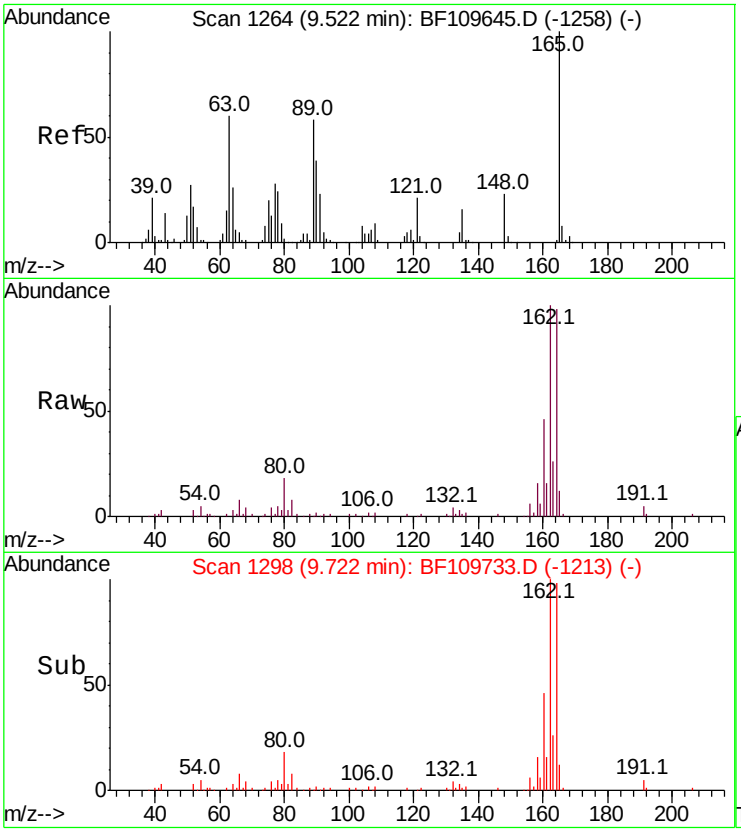


#49
Dimethylphthalate
Concen: 4.829 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109733.D
Acq: 10 Oct 2018 9:04

Tgt Ion:163 Resp: 34819

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	9.3	8.1	12.1



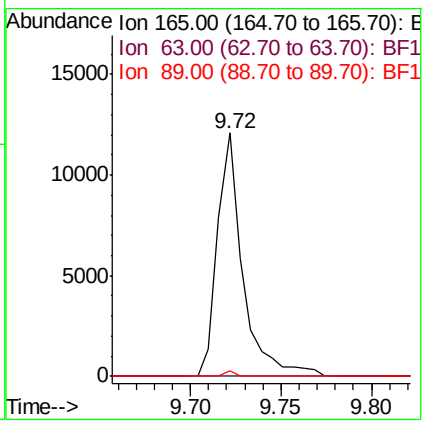


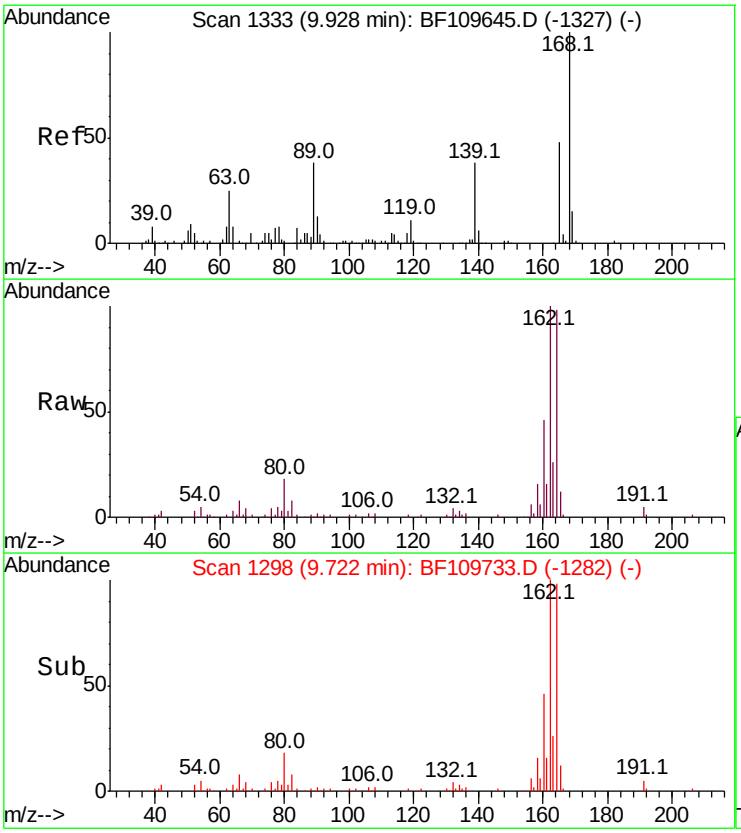
#50
2,6-Dinitrotoluene
Concen: 7.514 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109733.D
Acq: 10 Oct 2018 9:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 11744

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	2.5	46.6	69.8#

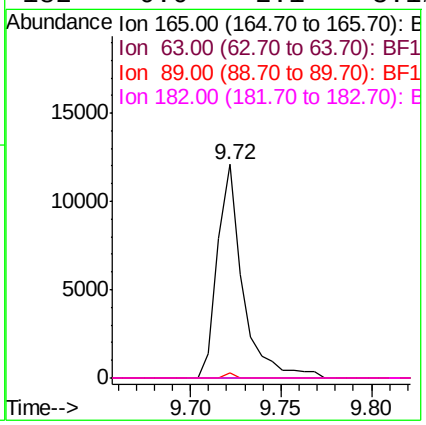


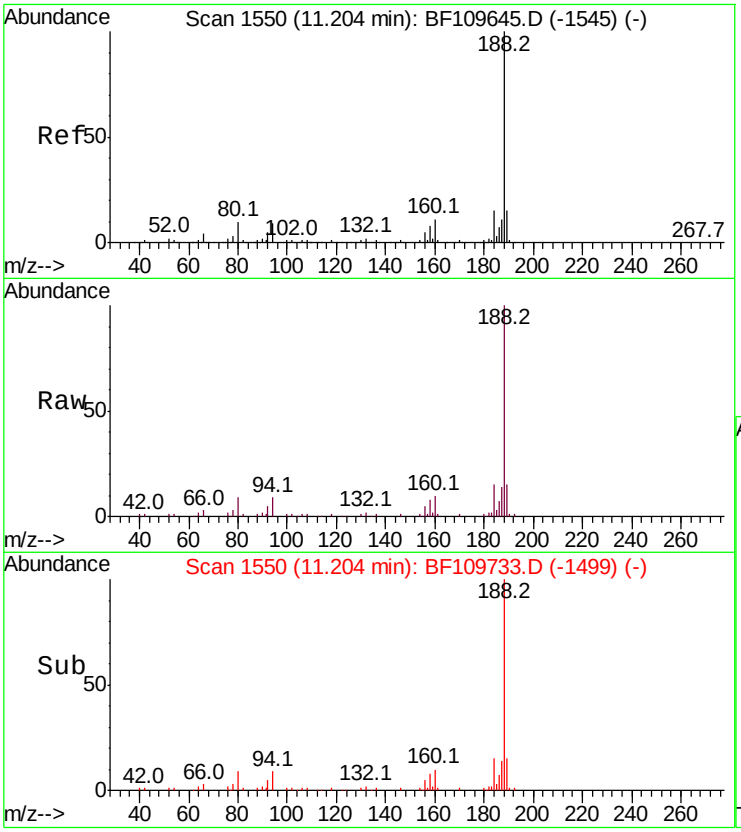


#56
2,4-Dinitrotoluene
Concen: 6.021 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109733.D
Acq: 10 Oct 2018 9:04

Tgt Ion:165 Resp: 11744

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	2.5	62.2	93.4#
182	0.0	2.1	3.1#



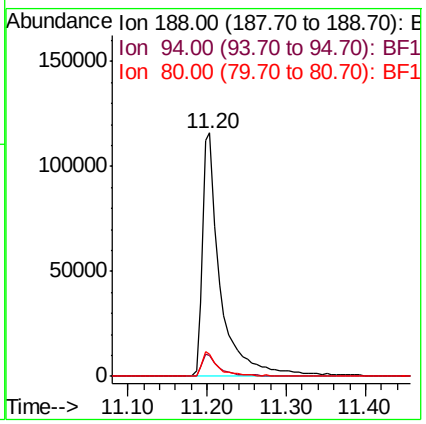


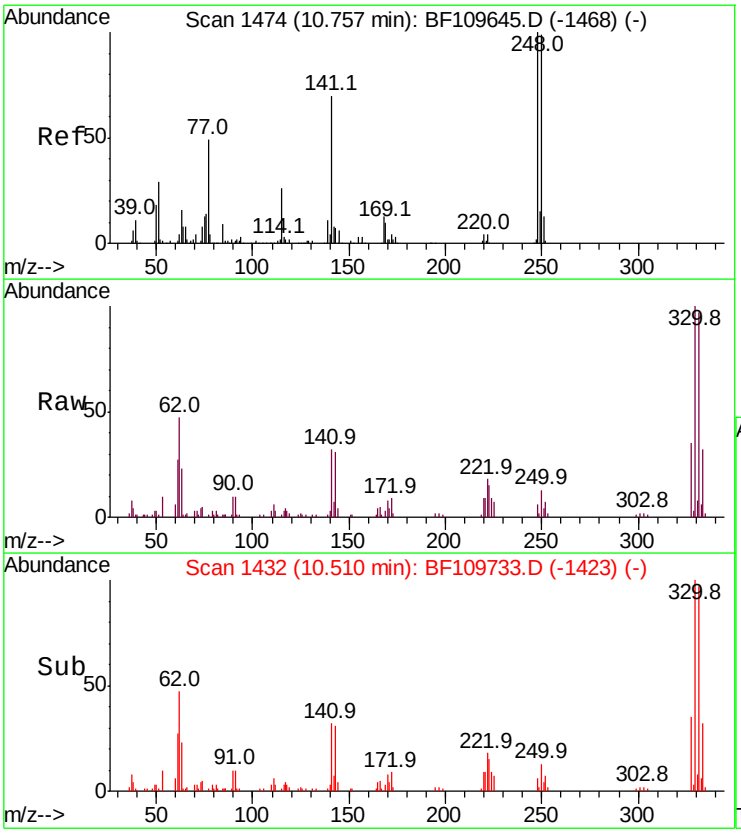
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109733.D
Acq: 10 Oct 2018 9:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 184611

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.2	7.9	11.9

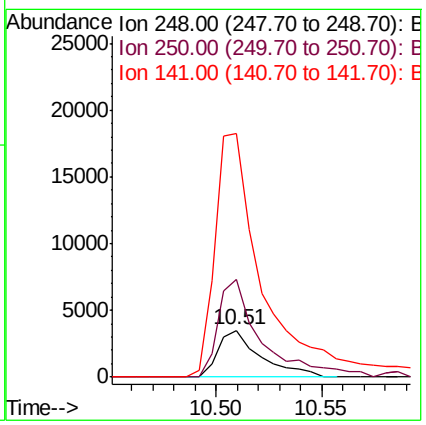


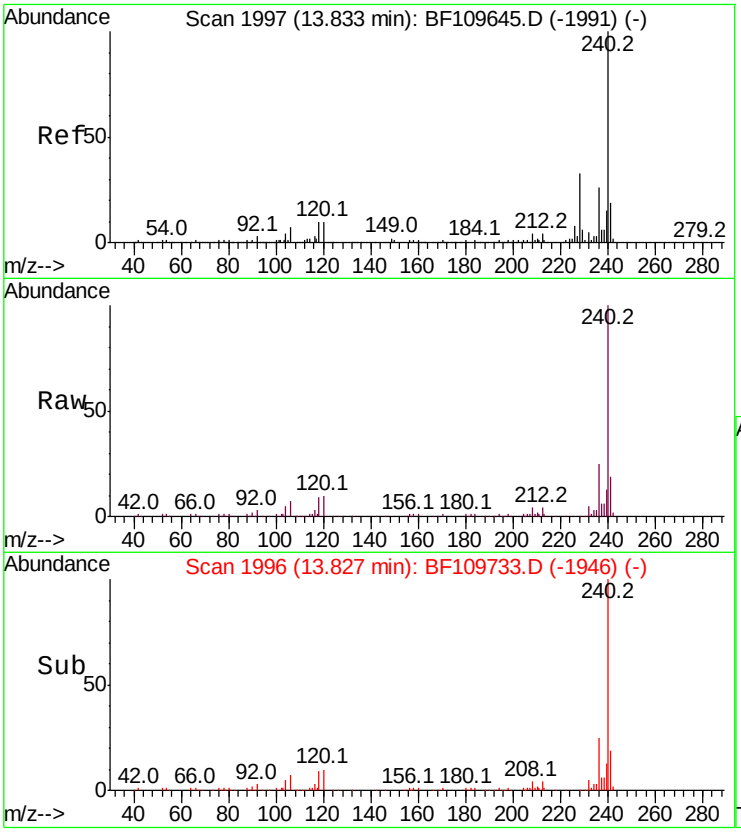


#66
4-Bromophenyl-phenylether
Concen: 2.274 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109733.D
Acq: 10 Oct 2018 9:04

Tgt Ion:248 Resp: 4824

Ion	Ratio	Lower	Upper
248	100		
250	207.4	79.4	119.2#
141	520.0	55.9	83.9#



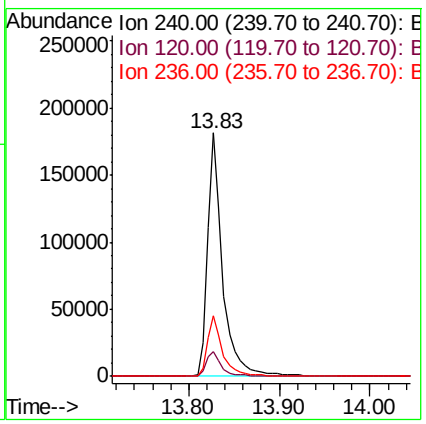


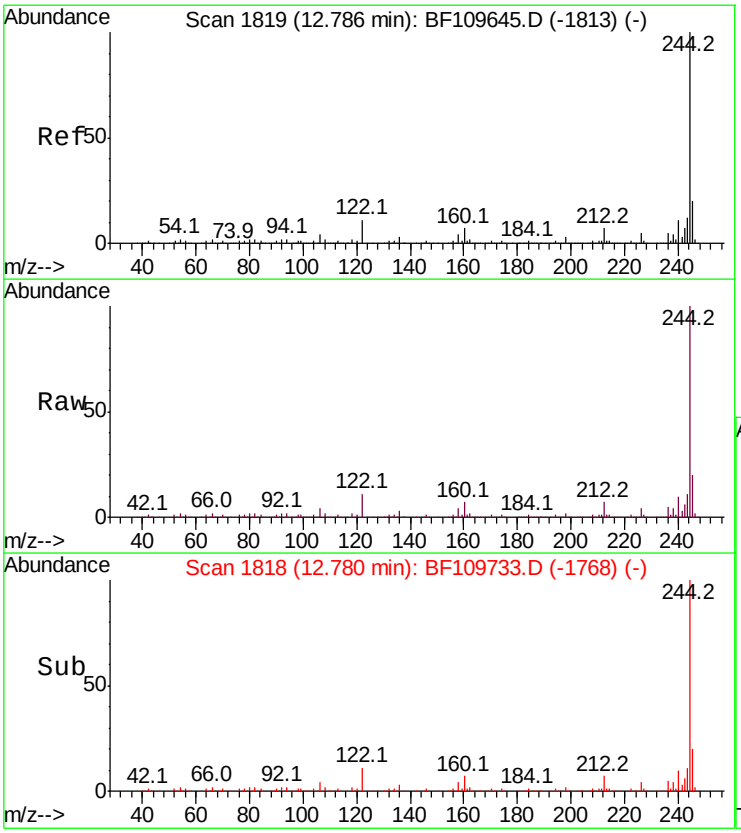
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109733.D
Acq: 10 Oct 2018 9:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 211947

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.3	12.5
236	25.0	21.2	31.8

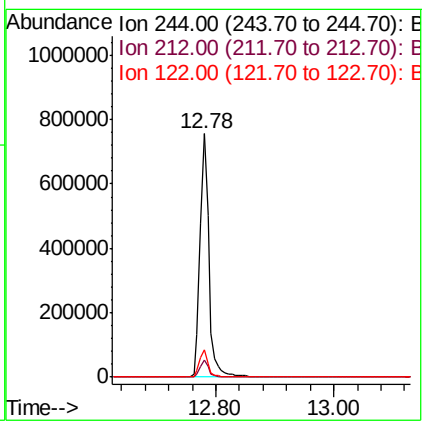


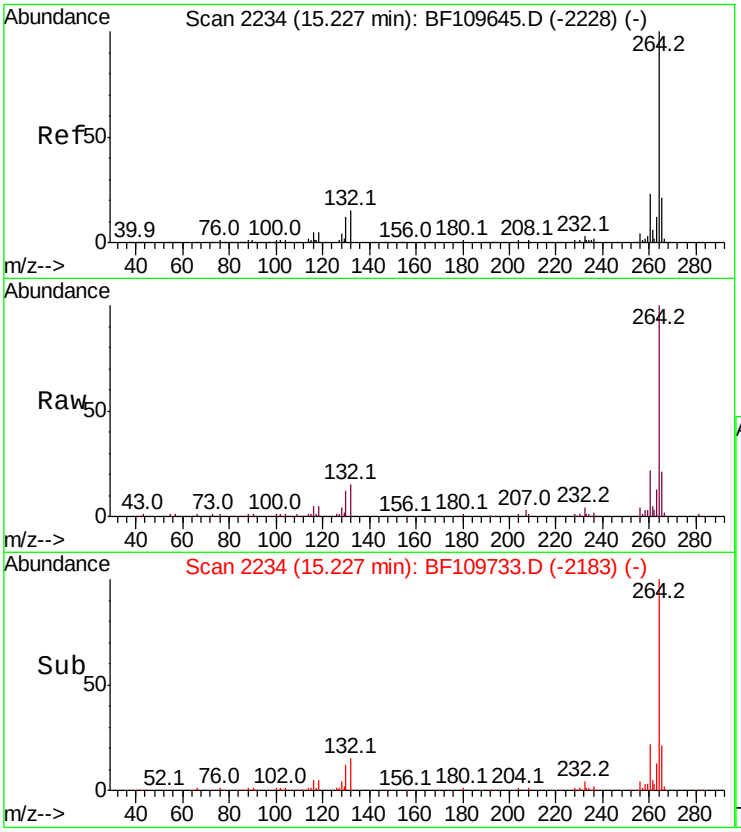


#78
Terphenyl-d14
Concen: 71.148 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109733.D
Acq: 10 Oct 2018 9:04

Tgt Ion:244 Resp: 778972

Ion	Ratio	Lower	Upper
244	100		
212	7.0	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: BF109733.D
Acq: 10 Oct 2018 9:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 162641

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.7	28.1
265	21.1	16.7	25.1