Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100918\
Data File : BF109725.D
Acq On : 10 Oct 2018 5:20
Operator : JU/SJ
Sample : J5318-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CON-220-1

Quant Time: Oct 10 06:42:57 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	72647	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	291518	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	117591	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	200975	20.00	ng	0.00
75) Chrysene-d12	13.83	240	210076	20.00	ng	0.00
86) Perylene-d12	15.23	264	174297	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.35	99	58850	10.76	ng	0.00
23) Nitrobenzene-d5	7.26	82	326231	61.69	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.05	172	584740	68.49	ng	0.00
78) Terphenyl-d14	12.78	244	486219	44.80	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	41161	10.735	ng	# 73
49) Dimethylphthalate	9.45	163	41479	4.810	ng	99
50) 2,6-Dinitrotoluene	9.72	165	14585	7.802	ng	# 21
56) 2,4-Dinitrotoluene	9.72	165	14585	6.252	ng	# 17

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

Quantitation Report (Not Reviewed)

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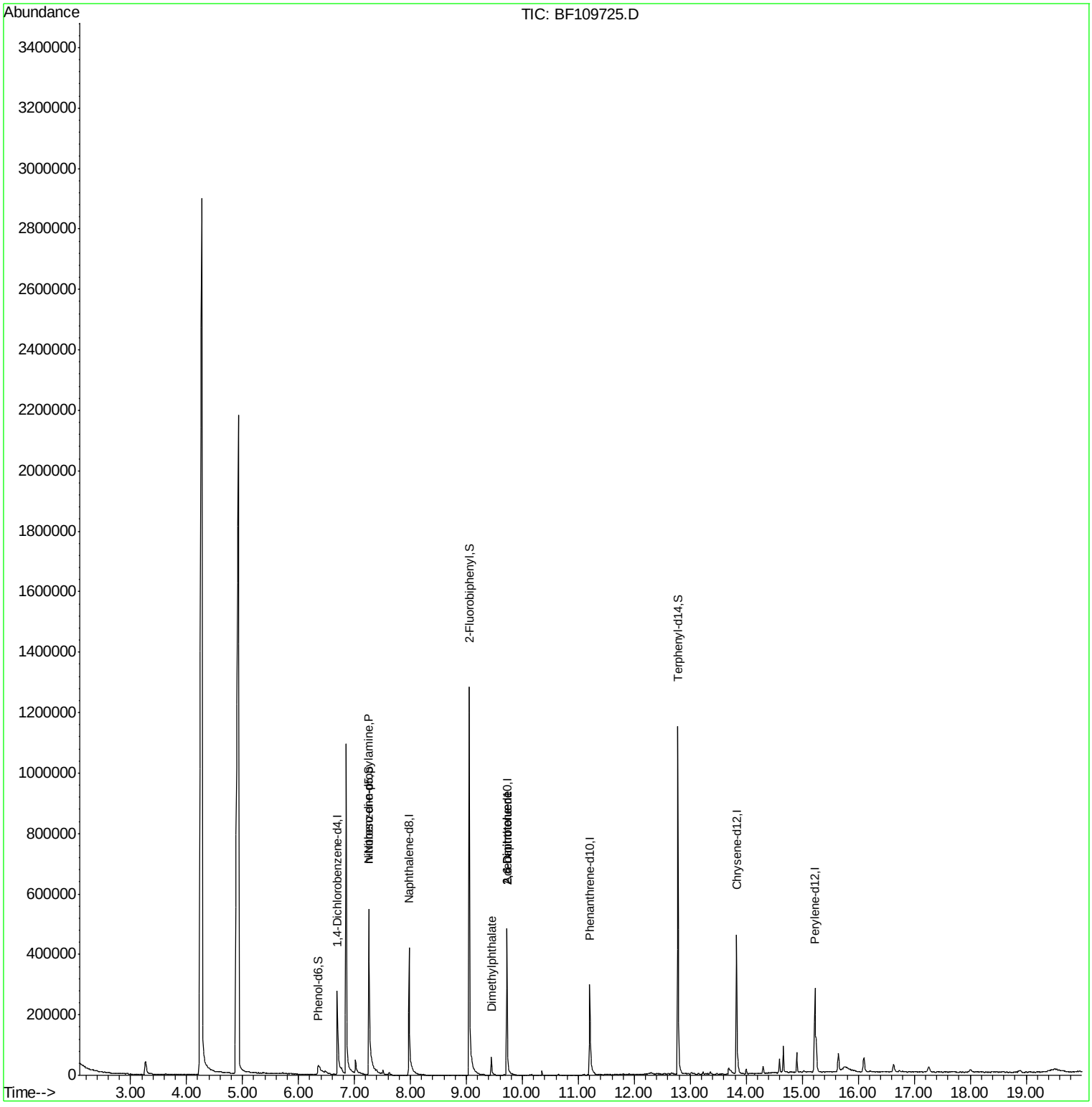
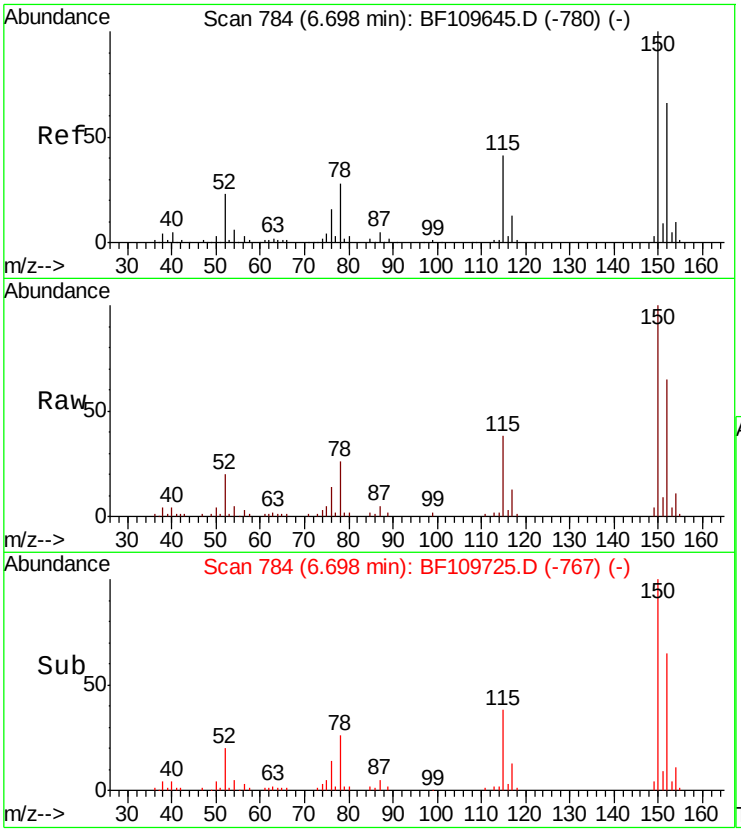


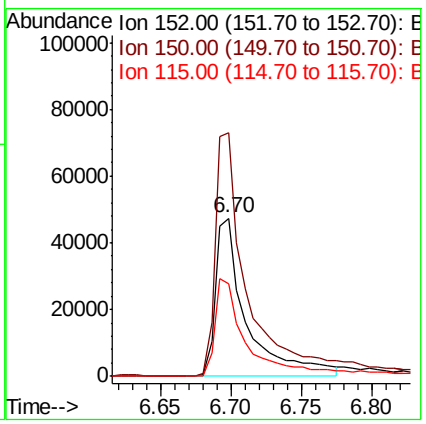


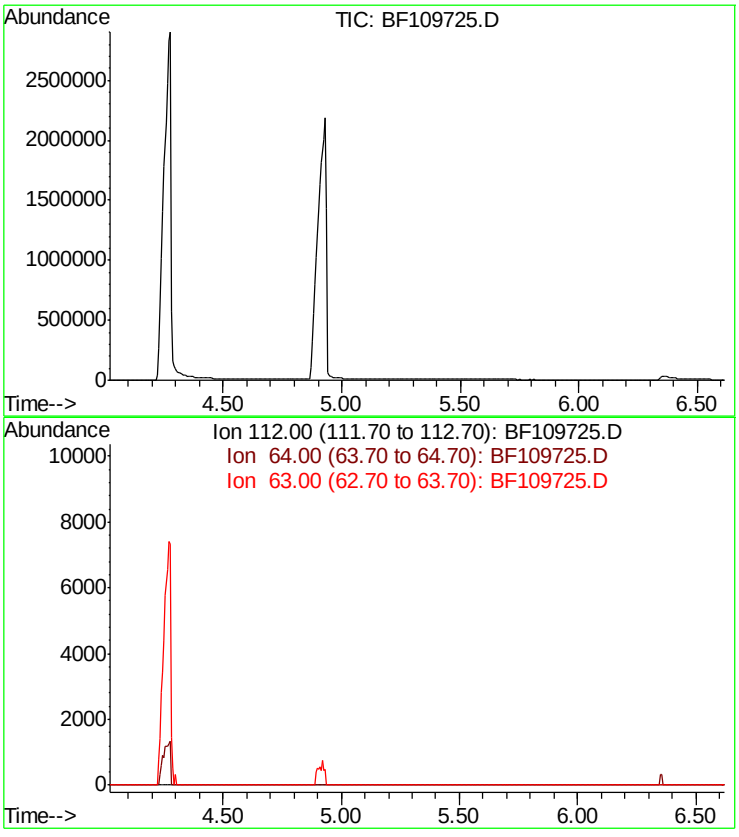
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109725.D
Acq: 10 Oct 2018 5:20

Instrument :
BNA_F
ClientSampleId :
CON-220-1

Tgt Ion:152 Resp: 72647

Ion	Ratio	Lower	Upper
152	100		
150	153.9	122.7	184.1
115	58.8	49.1	73.7



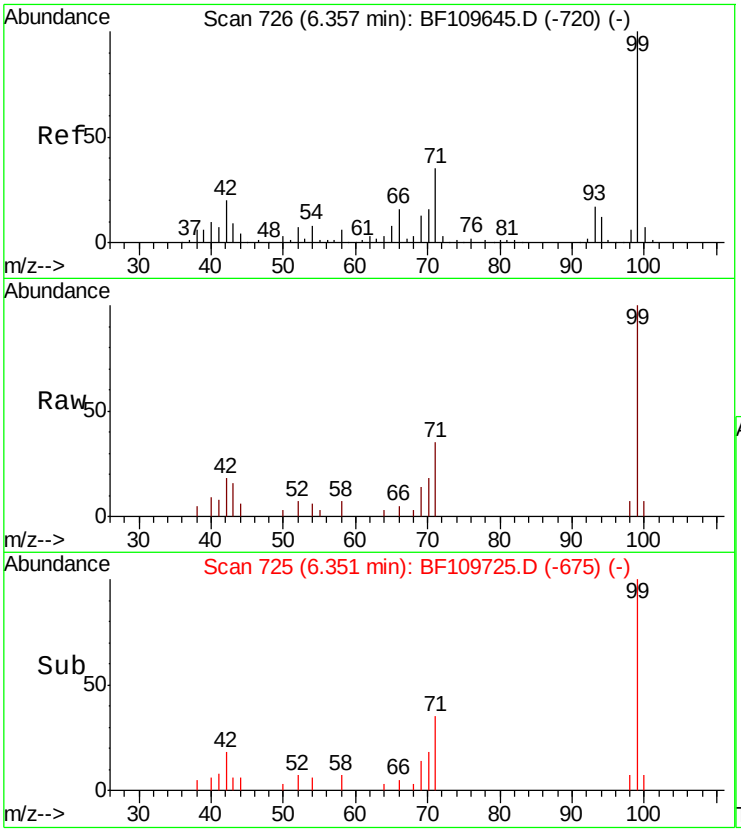


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.32 min

Lab File: BF109725.D
Acq: 10 Oct 2018 5:20

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	55.1
63	29.6

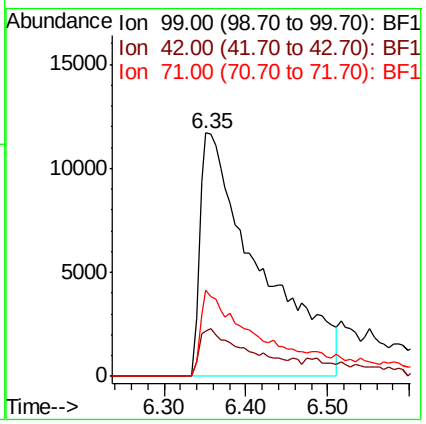


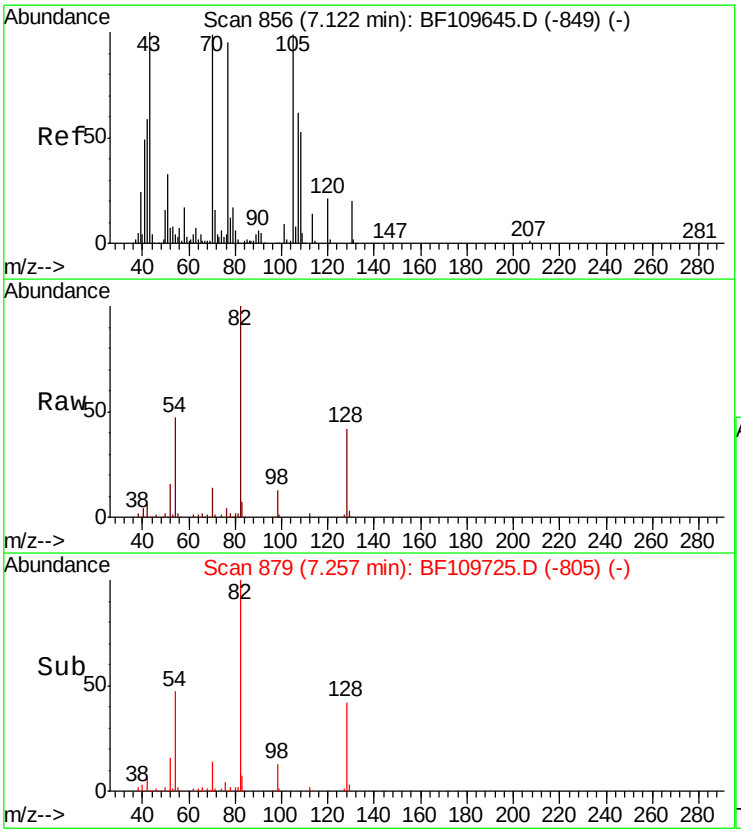
#7
Phenol-d6
Concen: 10.764 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF109725.D
Acq: 10 Oct 2018 5:20

Instrument :
BNA_F
ClientSampleId :
CON-220-1

Tgt Ion: 99 Resp: 58850

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.8	23.6
71	35.1	28.0	42.0

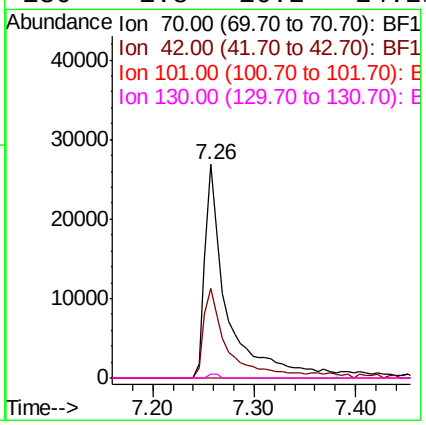


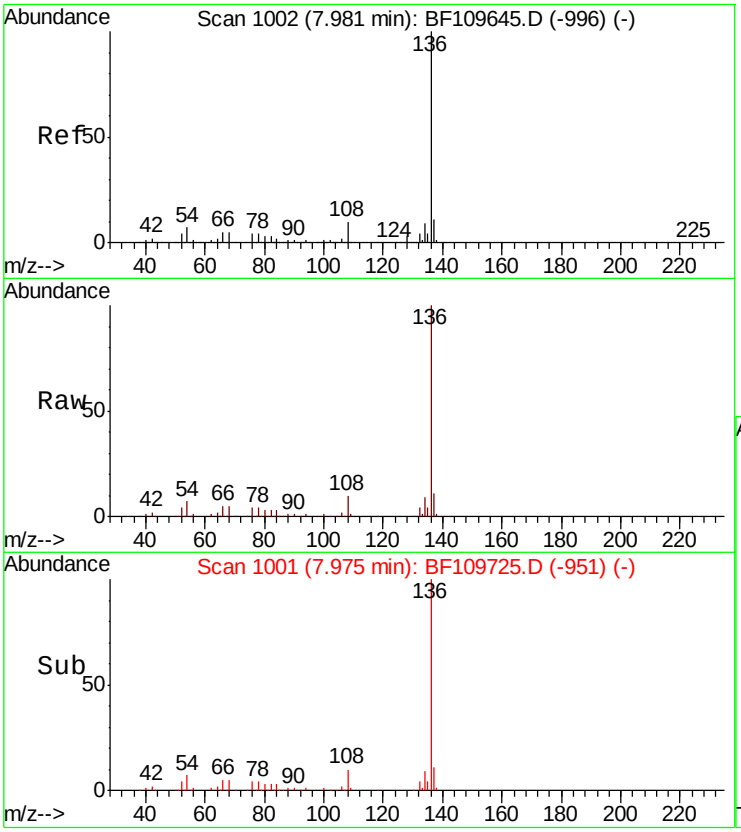


#19
n-Nitroso-di-n-propylamine
Concen: 10.735 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109725.D
Acq: 10 Oct 2018 5:20

Tgt Ion: 70 Resp: 41161

Ion	Ratio	Lower	Upper
70	100		
42	42.1	47.4	71.2#
101	0.0	7.3	10.9#
130	1.8	16.2	24.2#



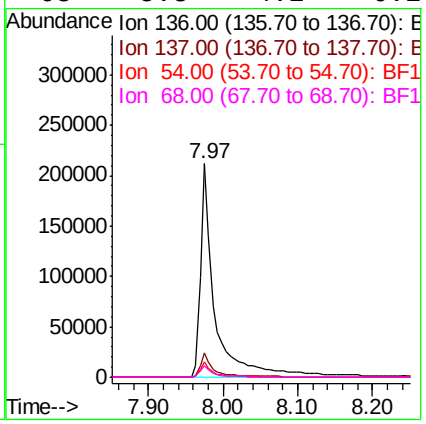


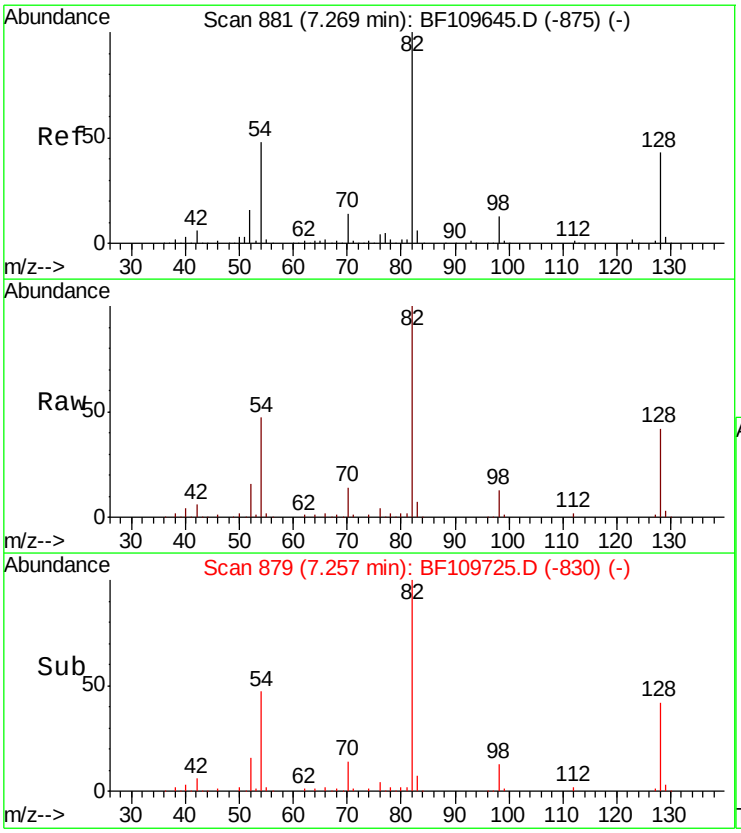
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109725.D
Acq: 10 Oct 2018 5:20

Instrument :
BNA_F
ClientSampleId :
CON-220-1

Tgt Ion:136 Resp: 291518

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.9	5.4	8.2
68	5.3	4.2	6.2

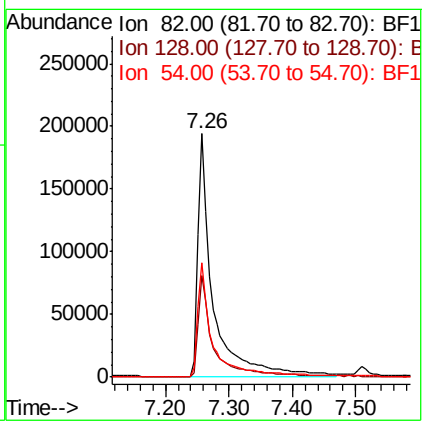


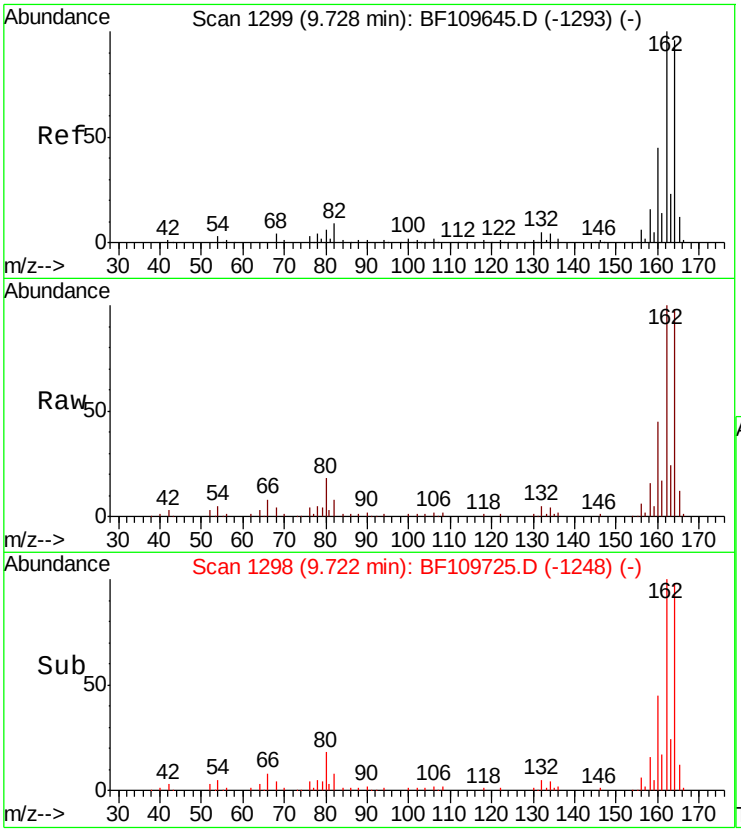


#23
Nitrobenzene-d5
Concen: 61.687 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109725.D
Acq: 10 Oct 2018 5:20

Tgt Ion: 82 Resp: 326231

Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.2	51.2
54	47.0	38.6	58.0



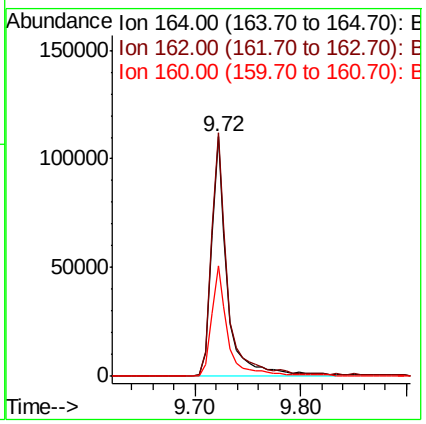


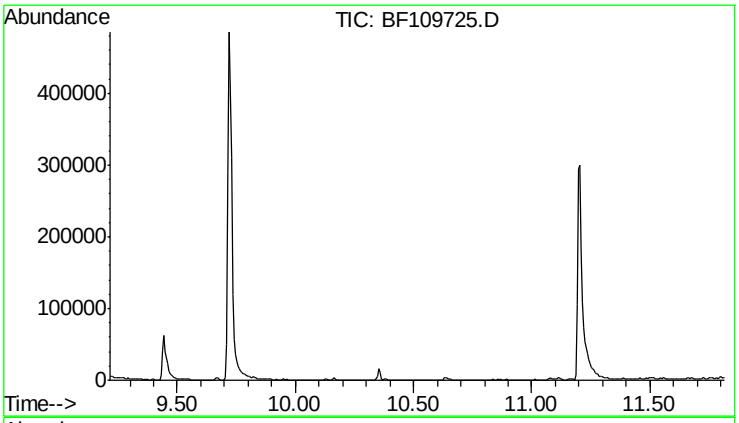
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109725.D
Acq: 10 Oct 2018 5:20

Instrument :
BNA_F
ClientSampleId :
CON-220-1

Tgt Ion:164 Resp: 117591

Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.0	124.6
160	46.1	37.0	55.6



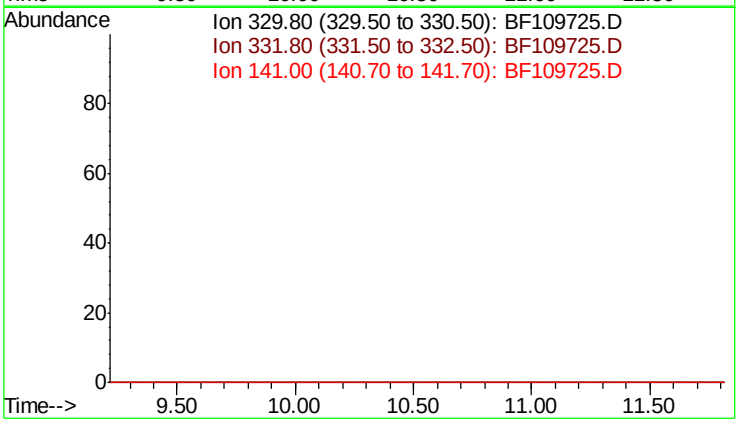


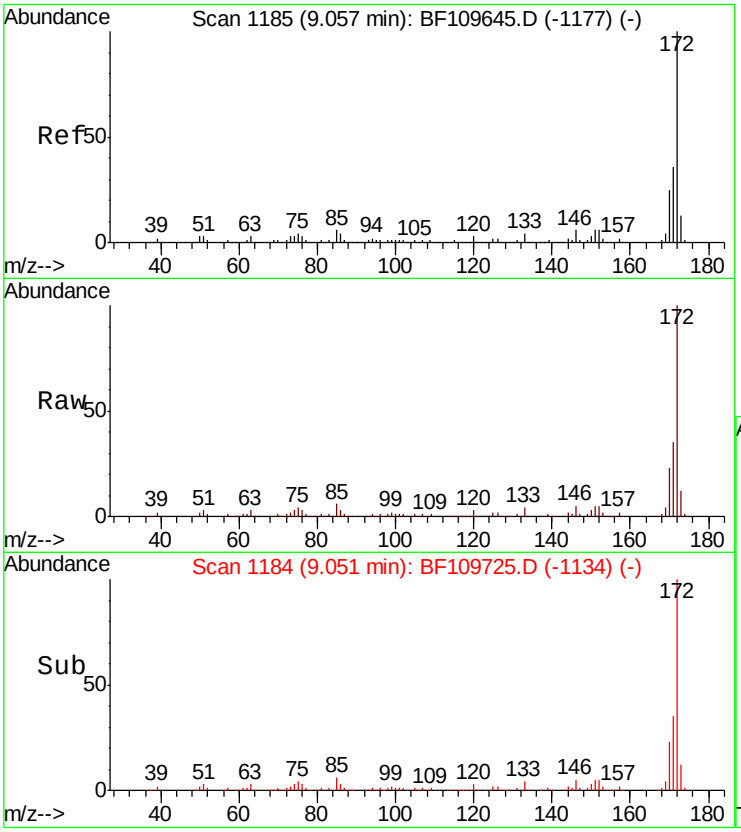
#41
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.52 min

Lab File: BF109725.D
Acq: 10 Oct 2018 5:20

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.4
141	33.7



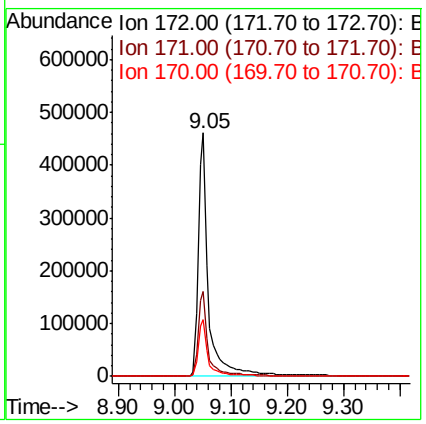


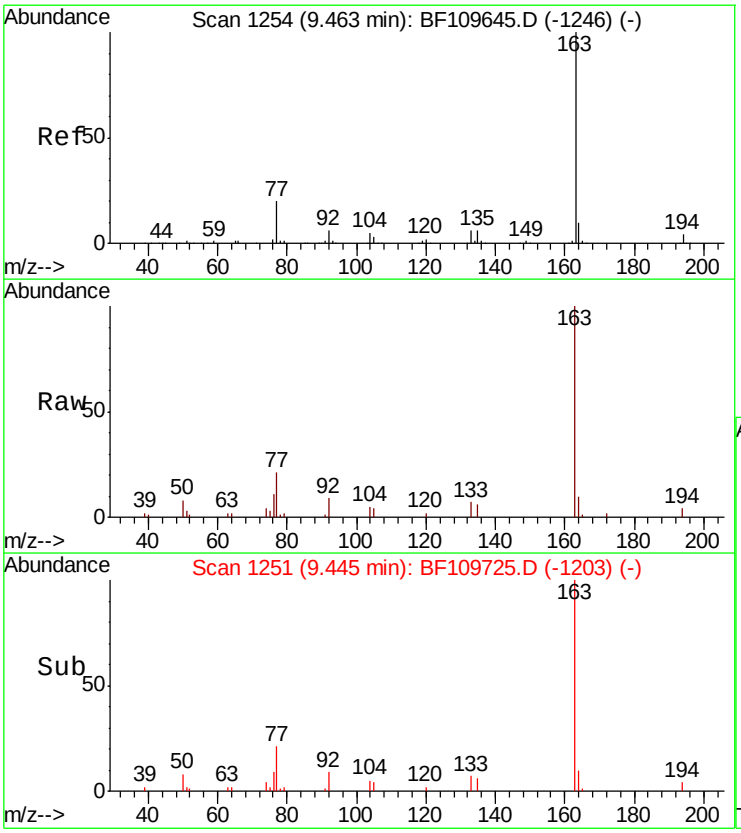
#44
2-Fluorobiphenyl
Concen: 68.486 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109725.D
Acq: 10 Oct 2018 5:20

Instrument :
BNA_F
ClientSampleId :
CON-220-1

Tgt Ion:172 Resp: 584740

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.3	19.7	29.5

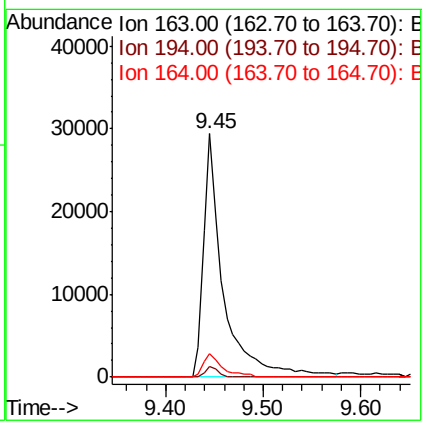


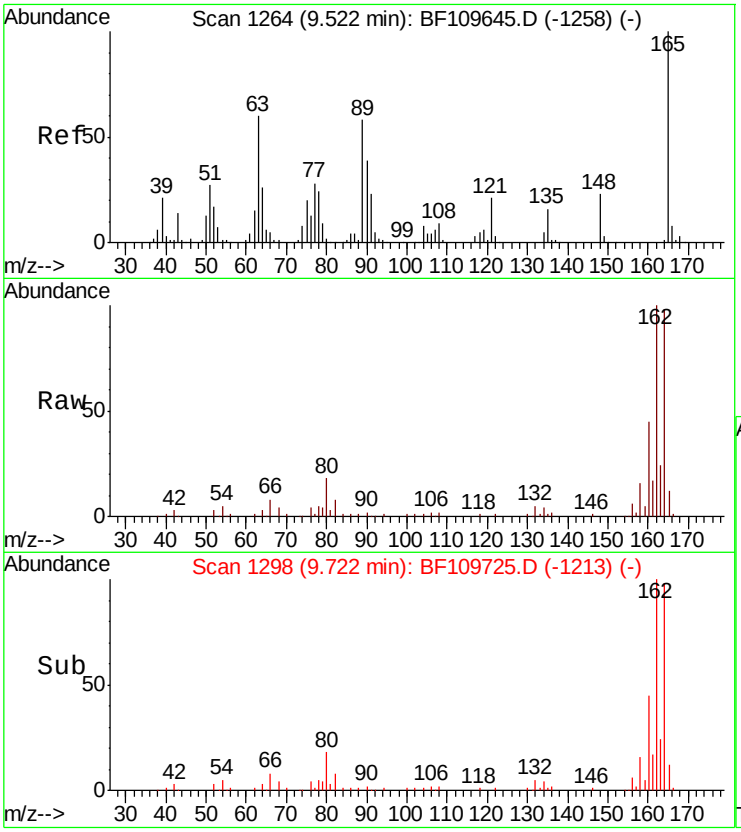


#49
Dimethylphthalate
Concen: 4.810 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109725.D
Acq: 10 Oct 2018 5:20

Tgt Ion:163 Resp: 41479

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	9.7	8.1	12.1



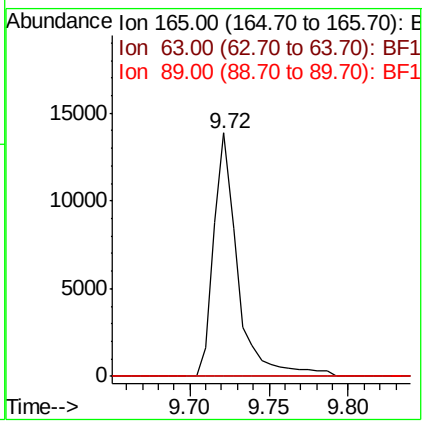


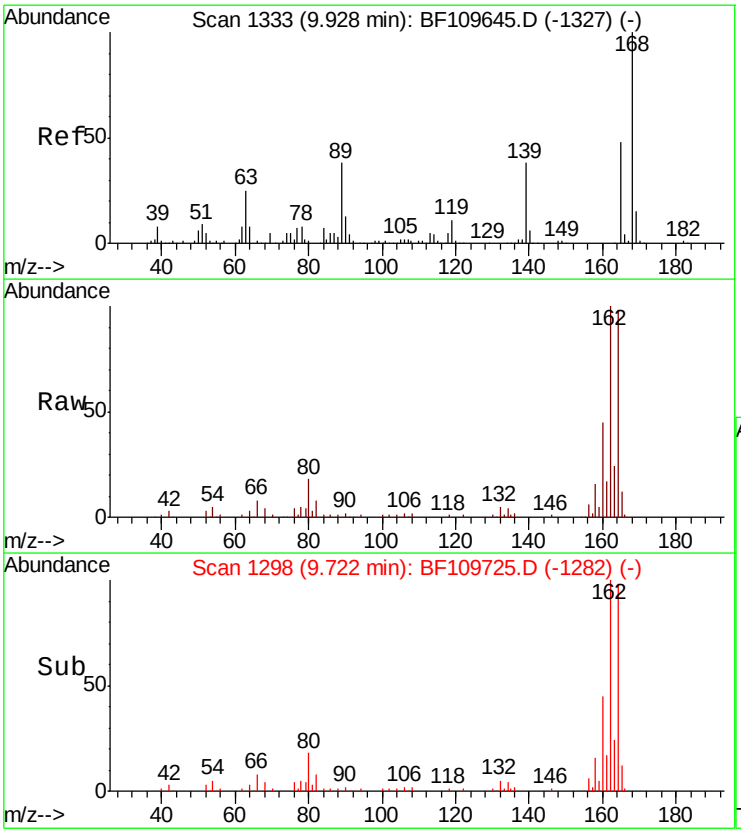
#50
2,6-Dinitrotoluene
Concen: 7.802 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109725.D
Acq: 10 Oct 2018 5:20

Instrument :
BNA_F
ClientSampleId :
CON-220-1

Tgt Ion:165 Resp: 14585

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

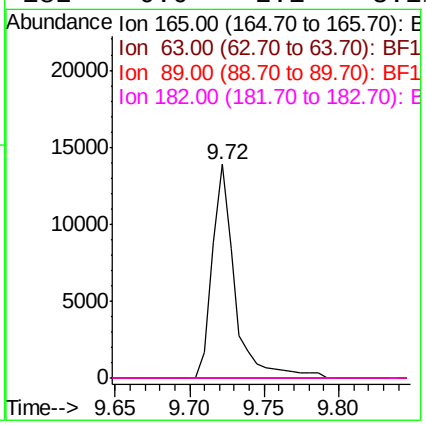


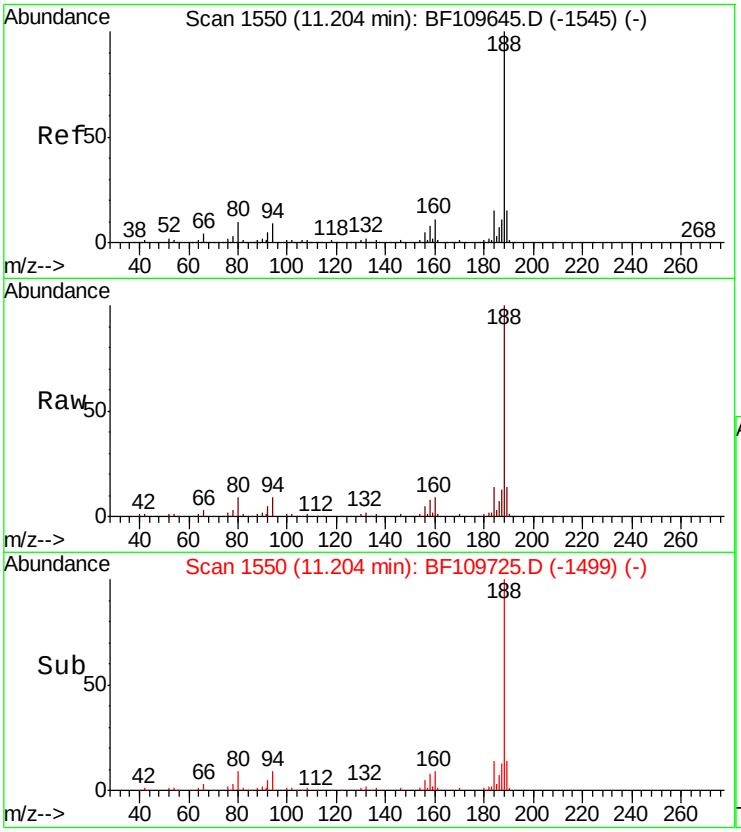


#56
2,4-Dinitrotoluene
Concen: 6.252 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109725.D
Acq: 10 Oct 2018 5:20

Tgt Ion:165 Resp: 14585

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#



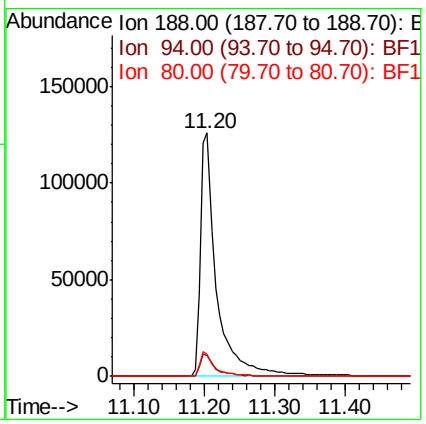


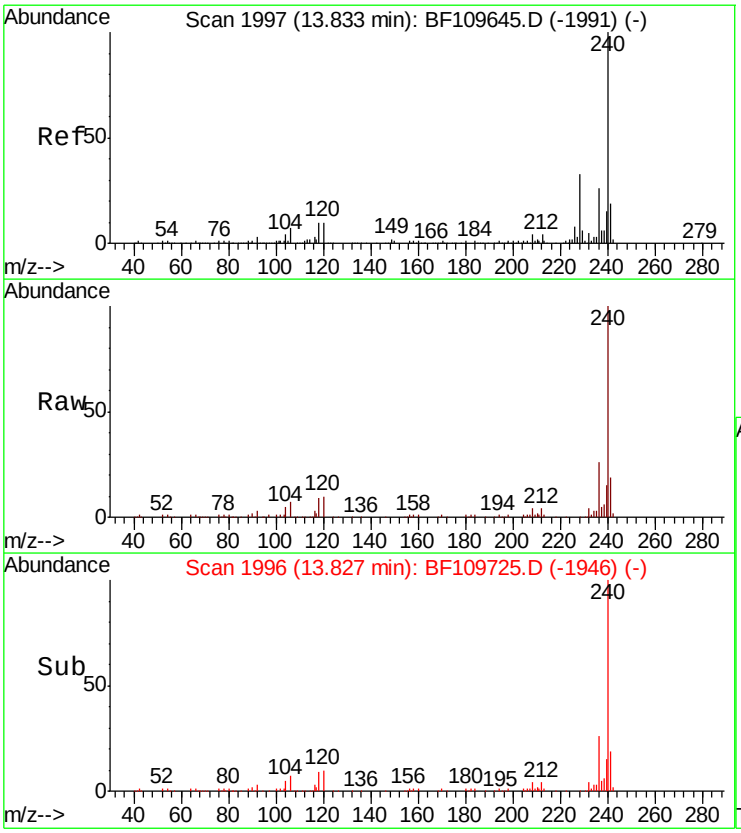
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109725.D
Acq: 10 Oct 2018 5:20

Instrument :
BNA_F
ClientSampleId :
CON-220-1

Tgt Ion:188 Resp: 200975

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

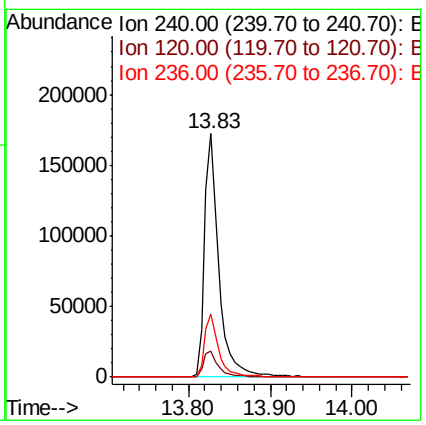


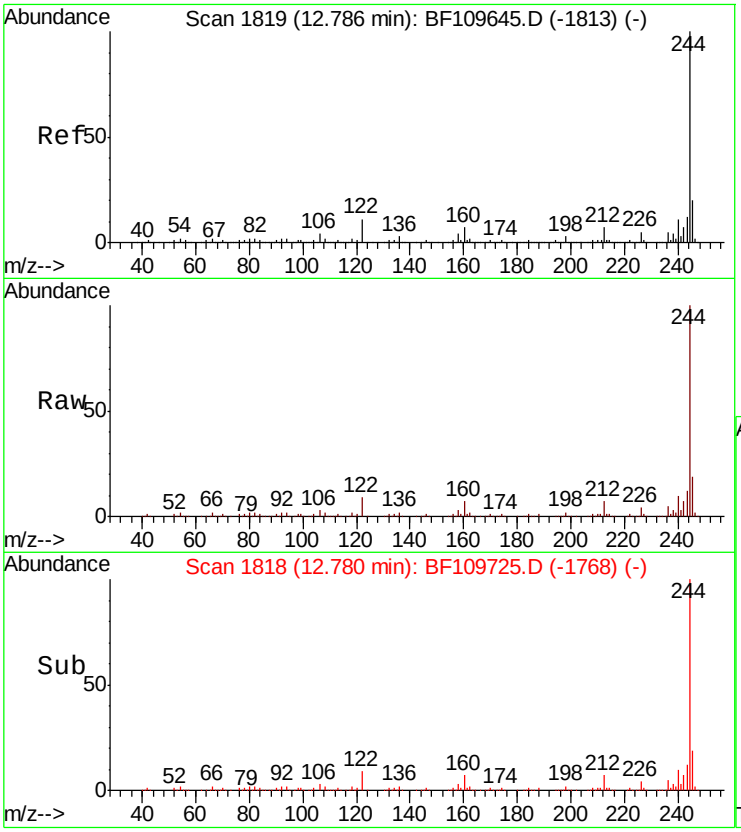


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109725.D
Acq: 10 Oct 2018 5:20

Tgt Ion:240 Resp: 210076

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.3	12.5
236	26.0	21.2	31.8



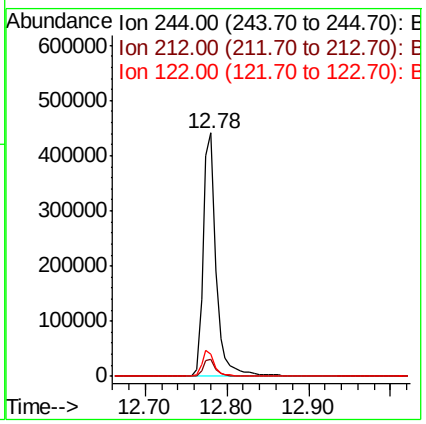


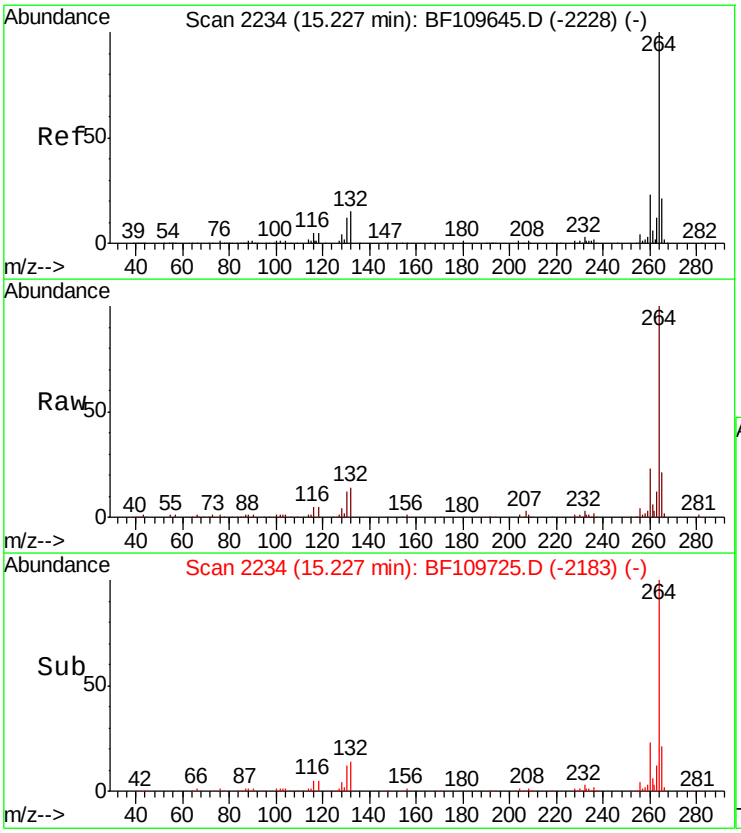
#78
Terphenyl-d14
Concen: 44.805 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109725.D
Acq: 10 Oct 2018 5:20

Instrument :
BNA_F
ClientSampleId :
CON-220-1

Tgt Ion:244 Resp: 486219

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	9.4	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: BF109725.D
Acq: 10 Oct 2018 5:20

Tgt Ion:264 Resp: 174297

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	20.7	16.7	25.1