Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101218\
Data File : BF109856.D
Acq On : 13 Oct 2018 1:56
Operator : JU/SJ
Sample : J5450-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MATTING

Quant Time: Oct 13 03:09:14 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	107069	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	413037	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	174154	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	284020	20.00	ng		0.00
75) Chrysene-d12	13.83	240	219132	20.00	ng		0.00
86) Perylene-d12	15.23	264	169982	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	844468	140.00	ng		0.00
7) Phenol-d6	6.35	99	1147826	142.45	ng		0.00
23) Nitrobenzene-d5	7.26	82	750929	100.22	ng		0.00
41) 2,4,6-Tribromophenol	10.51	330	224216	118.16	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	1290454	102.05	ng		0.00
78) Terphenyl-d14	12.78	244	883493	78.05	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.36	94	30336	3.283	ng		88
15) Benzyl Alcohol	6.85	79	12202	2.043	ng	#	52
19) n-Nitroso-di-n-propylamine	7.26	70	100262	17.743	ng	#	78
25) Isophorone	7.26	82	755308	60.704	ng	#	67
49) Dimethylphthalate	9.44	163	98089	7.680	ng		98
56) 2,4-Dinitrotoluene	9.72	165	21711	6.284	ng	#	20
66) 4-Bromophenyl-phenylether	10.51	248	13522	4.143	ng	#	1
83) Bis(2-ethylhexyl)phthalate	13.81	149	23896	2.814	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101218\
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Acq On : 13 Oct 2018 1:56
Operator : JU/SJ
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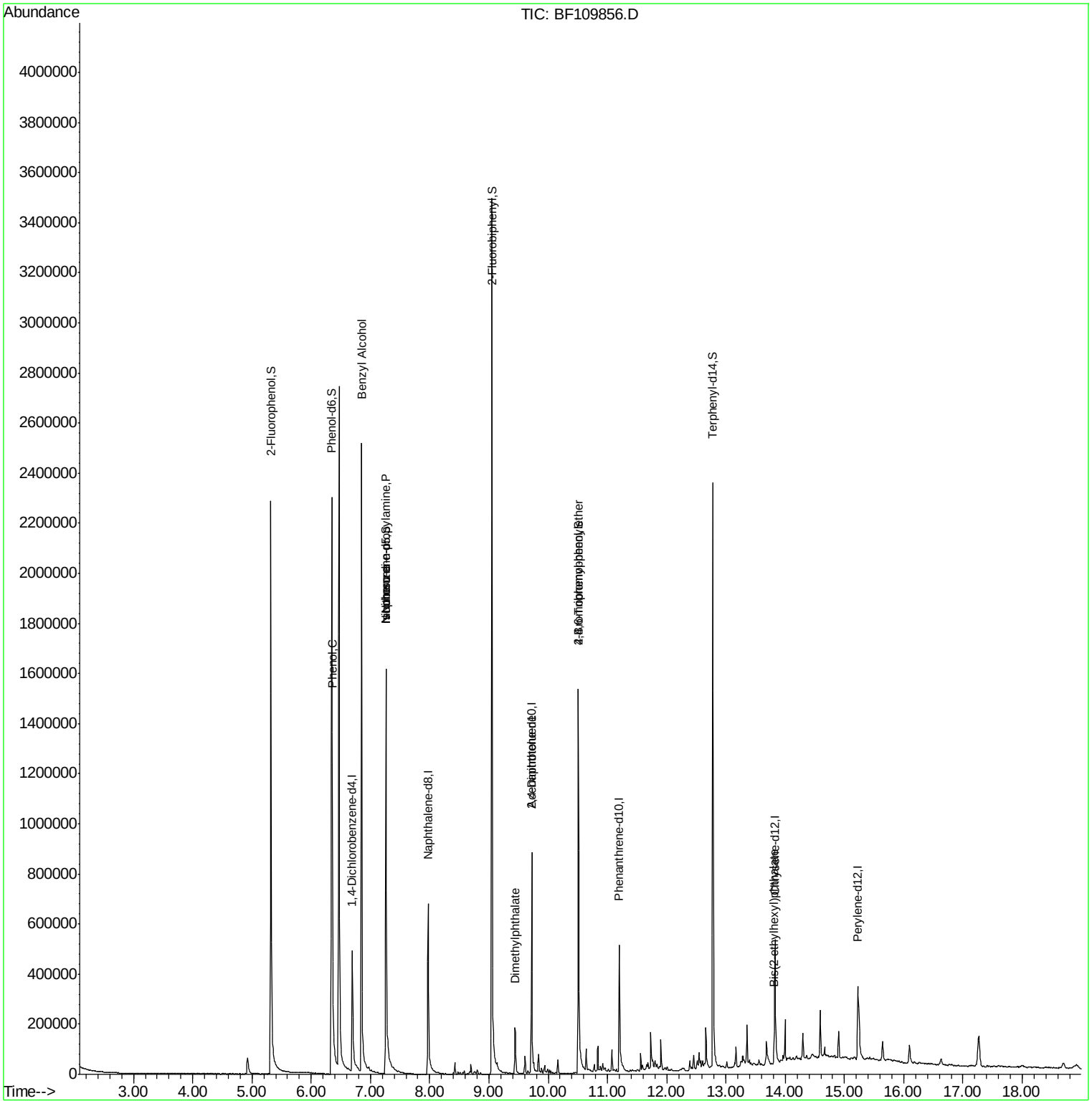
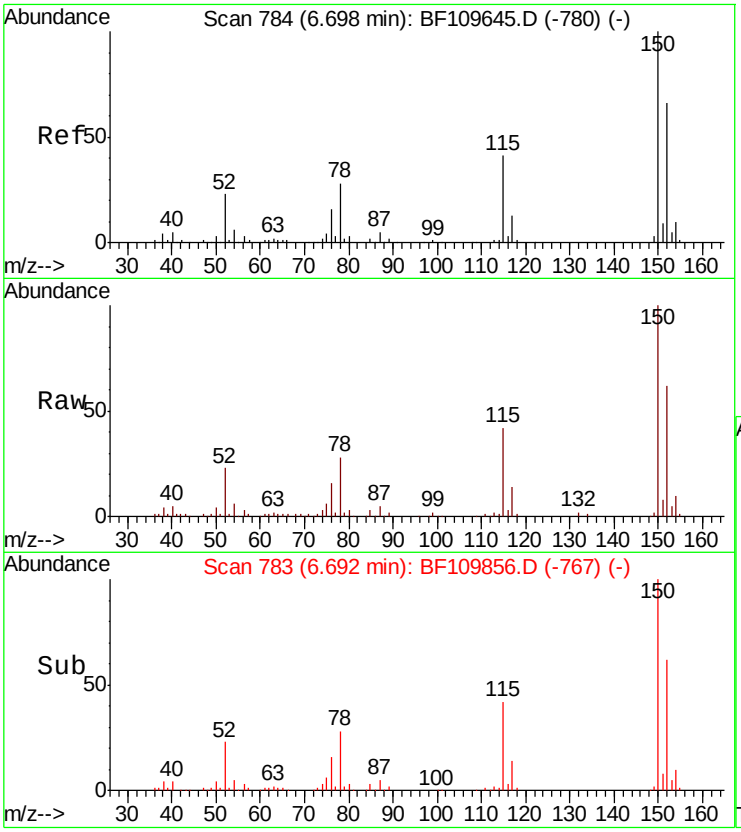
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MATTING

Quant Time: Oct 13 03:09:14 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



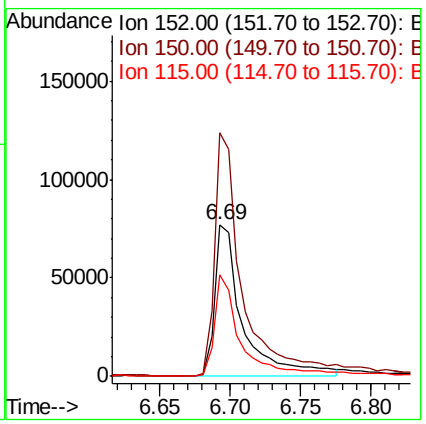


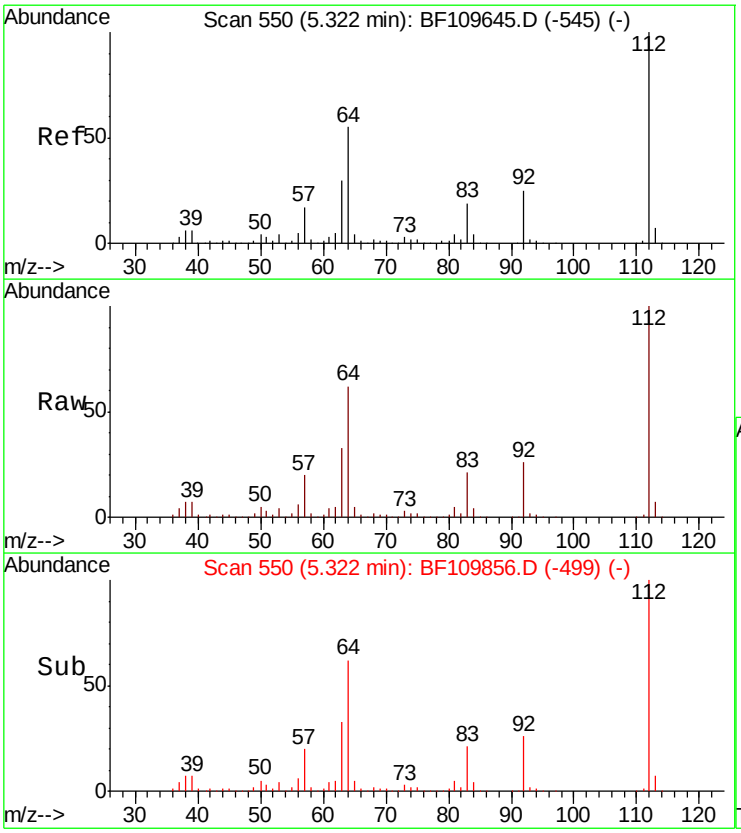
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

Instrument :
BNA_F
ClientSampleId :
MATTING

Tgt Ion:152 Resp: 107069

Ion	Ratio	Lower	Upper
152	100		
150	160.5	122.7	184.1
115	66.7	49.1	73.7

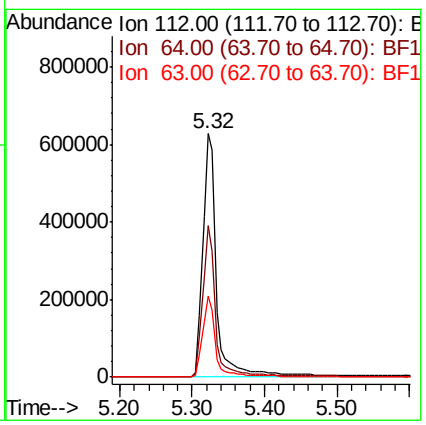


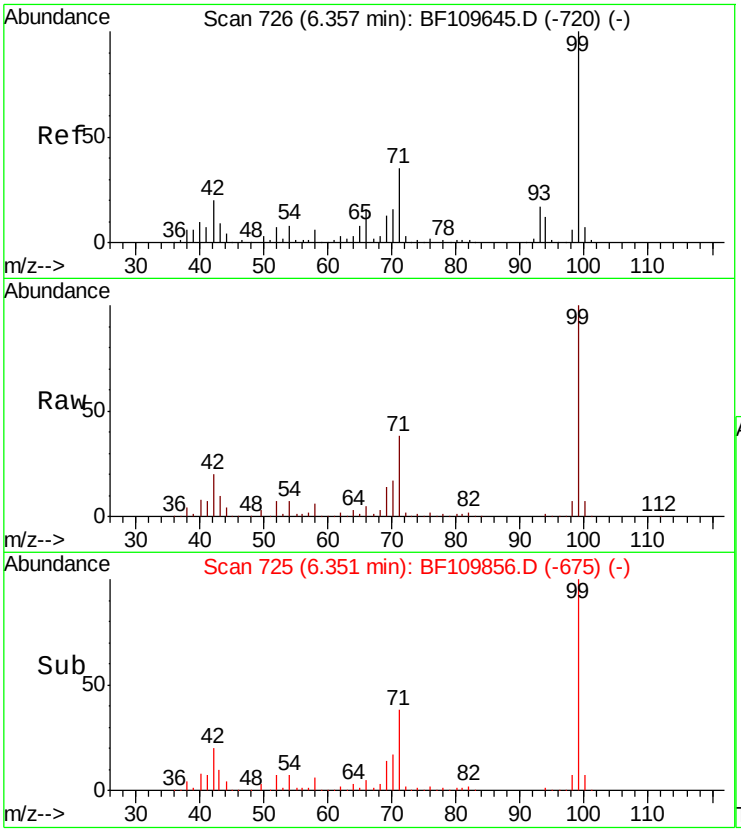


#5
2-Fluorophenol
Concen: 139.999 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

Tgt Ion:112 Resp: 844468

Ion	Ratio	Lower	Upper
112	100		
64	62.0	44.1	66.1
63	33.3	23.7	35.5



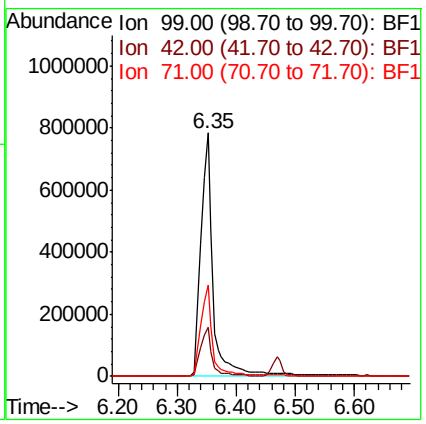


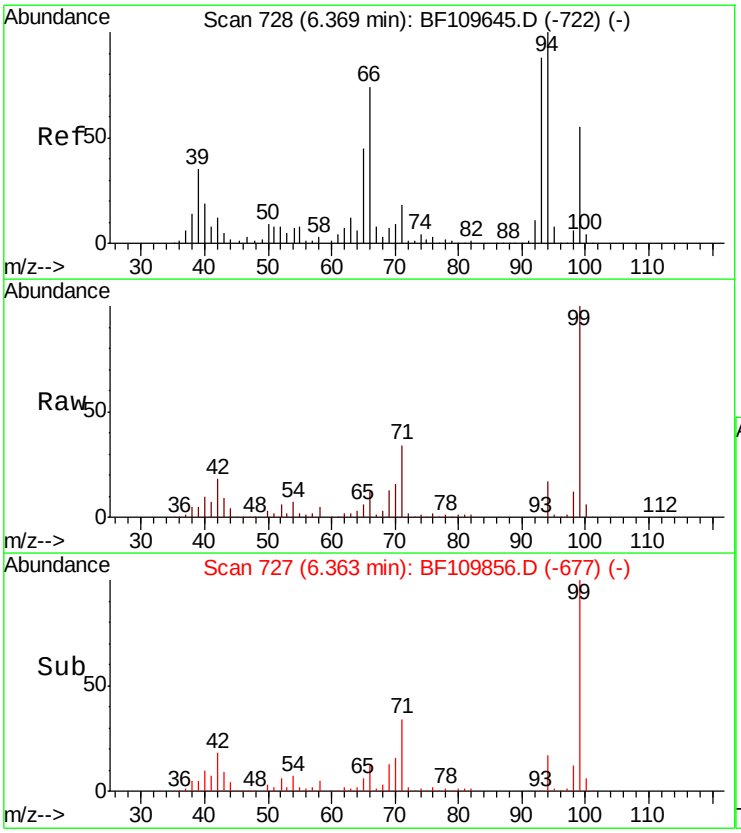
#7
Phenol-d6
Concen: 142.445 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

Instrument :
BNA_F
ClientSampleId :
MATTING

Tgt Ion: 99 Resp: 1147826

Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.8	23.6
71	37.7	28.0	42.0

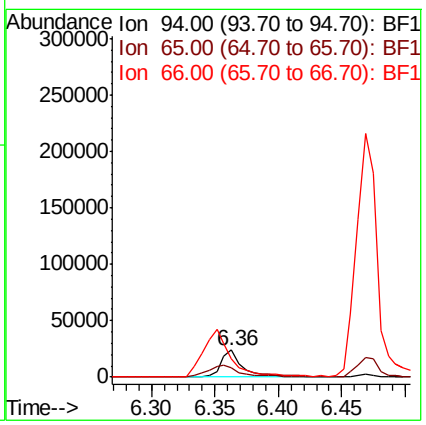


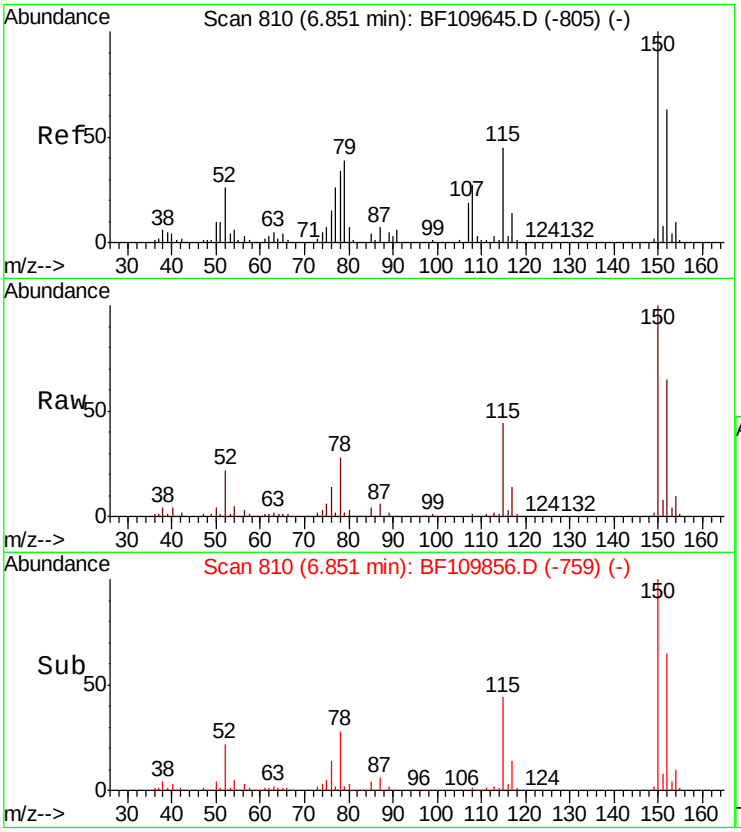


#10
Phenol
Concen: 3.283 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

Tgt Ion: 94 Resp: 30336

Ion	Ratio	Lower	Upper
94	100		
65	33.0	25.3	65.3
66	67.2	54.5	94.5



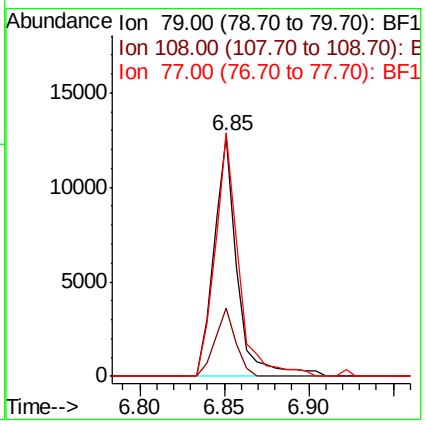


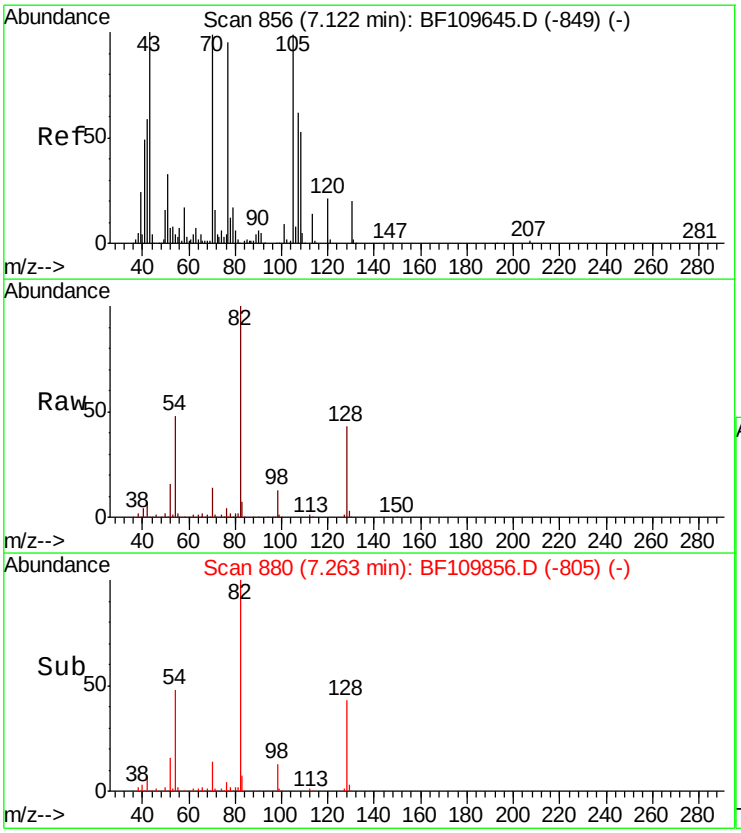
#15
Benzyl Alcohol
Concen: 2.043 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

Instrument :
BNA_F
ClientSampleId :
MATTING

Tgt Ion: 79 Resp: 12202

Ion	Ratio	Lower	Upper
79	100		
108	28.3	56.3	84.5#
77	101.5	52.9	79.3#

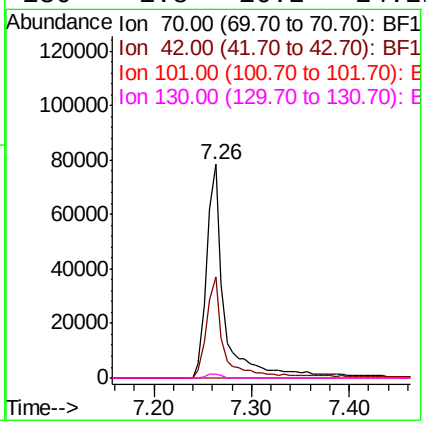


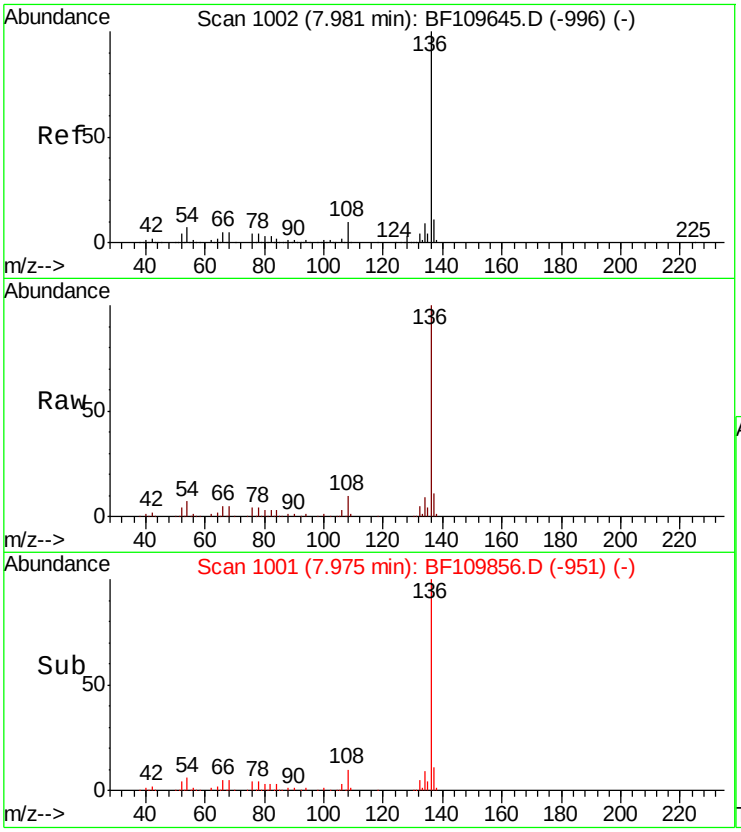


#19
n-Nitroso-di-n-propylamine
Concen: 17.743 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

Tgt Ion: 70 Resp: 100262

Ion	Ratio	Lower	Upper
70	100		
42	47.5	47.4	71.2
101	0.0	7.3	10.9#
130	1.8	16.2	24.2#



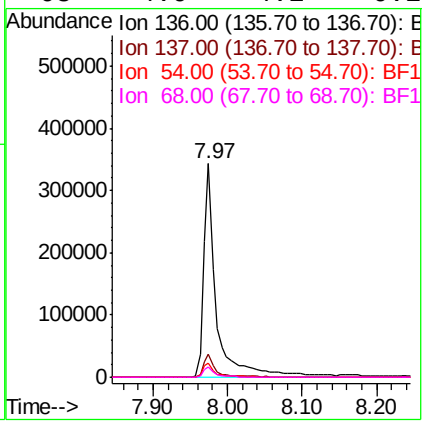


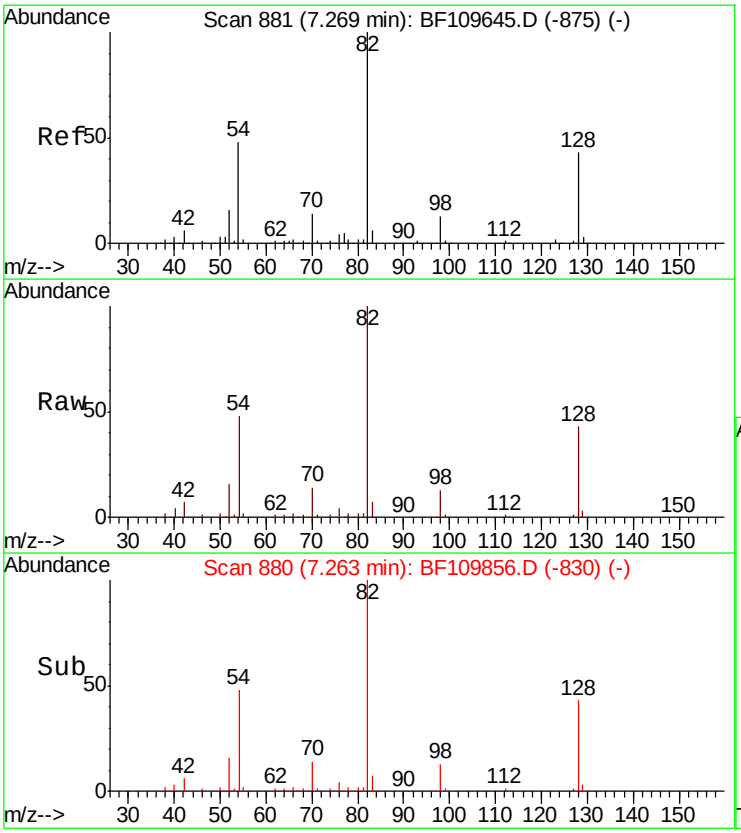
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

Instrument :
BNA_F
ClientSampleId :
MATTING

Tgt Ion:136 Resp: 413037

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.5	5.4	8.2
68	4.9	4.2	6.2

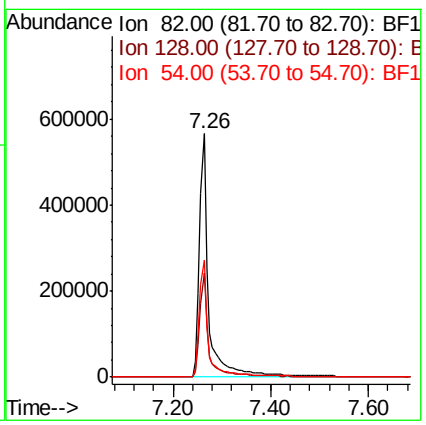


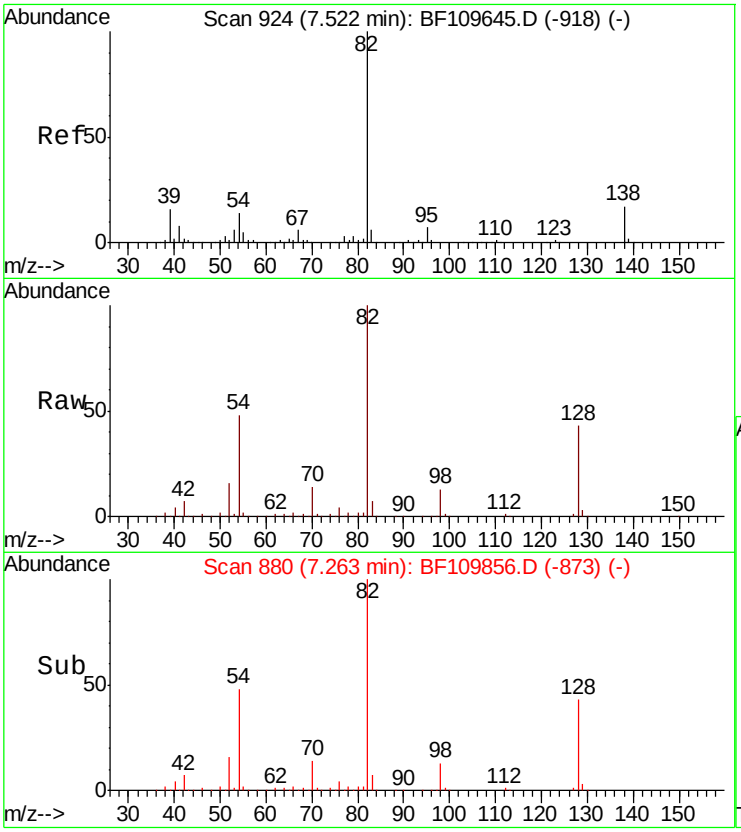


#23
Nitrobenzene-d5
Concen: 100.218 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

Tgt Ion: 82 Resp: 750929

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.2	51.2
54	48.2	38.6	58.0



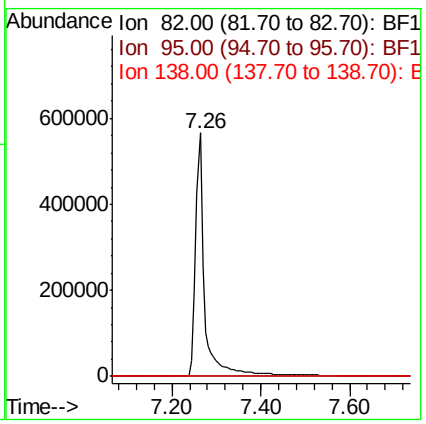


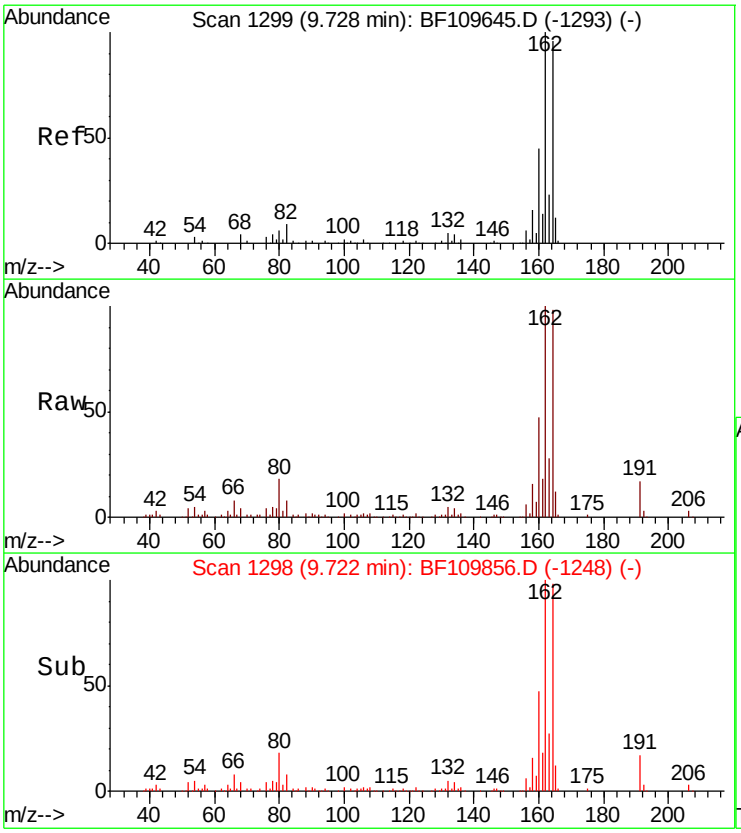
#25
Isophorone
Concen: 60.704 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.26 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

Instrument :
BNA_F
ClientSampleId :
MATTING

Tgt Ion: 82 Resp: 755308

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

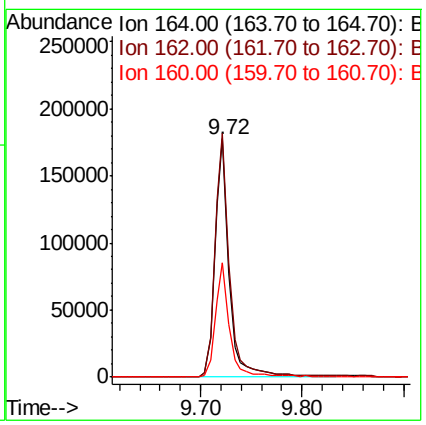


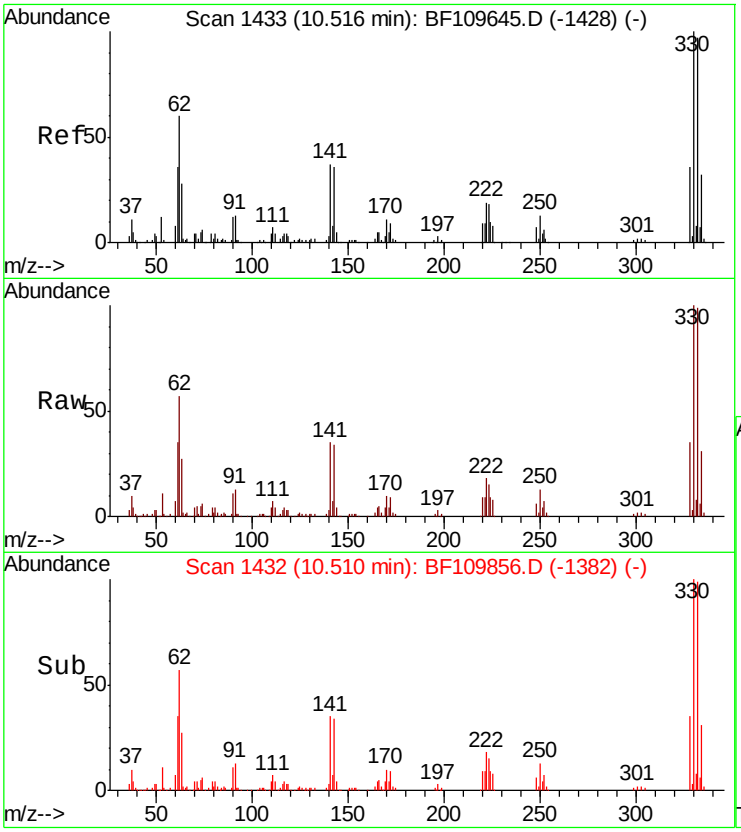


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

Tgt Ion:164 Resp: 174154

Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.0	124.6
160	48.1	37.0	55.6



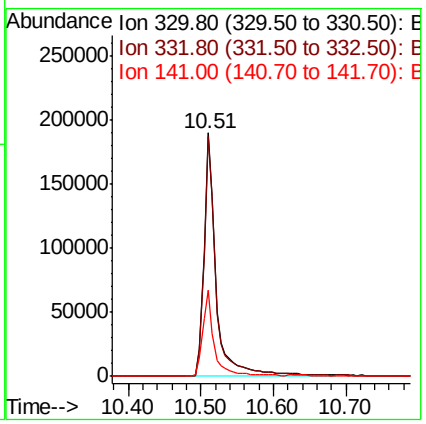


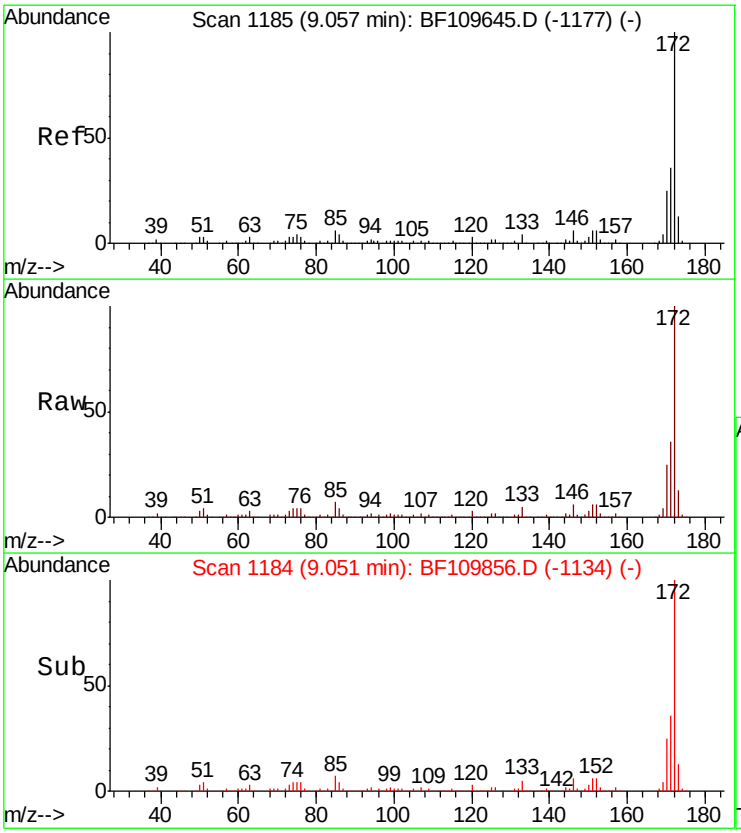
#41
2,4,6-Tribromophenol
Concen: 118.158 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

Instrument :
BNA_F
ClientSampleId :
MATTING

Tgt Ion:330 Resp: 224216

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.1	115.7
141	33.6	27.0	40.4

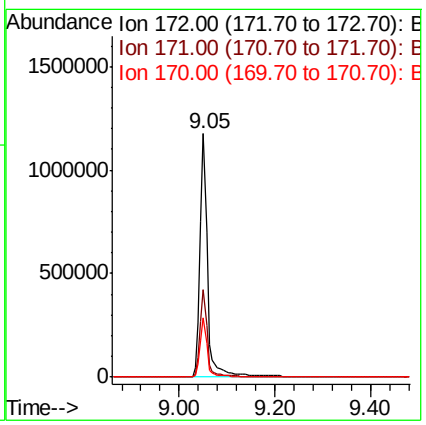


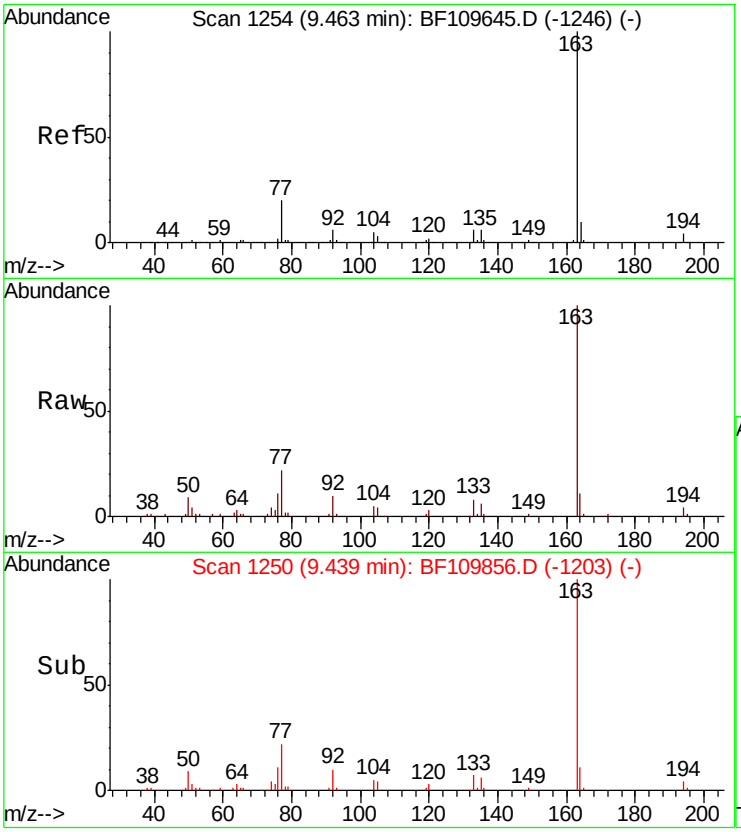


#44
2-Fluorobiphenyl
Concen: 102.052 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

Tgt Ion:172 Resp: 1290454

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.5	19.7	29.5



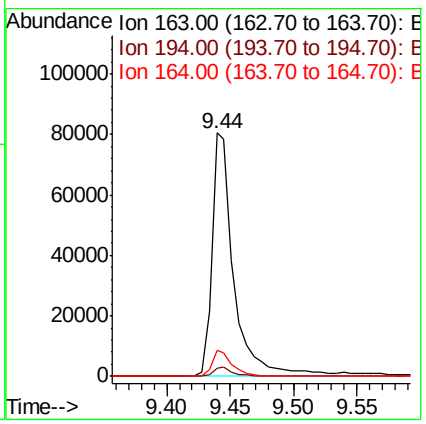


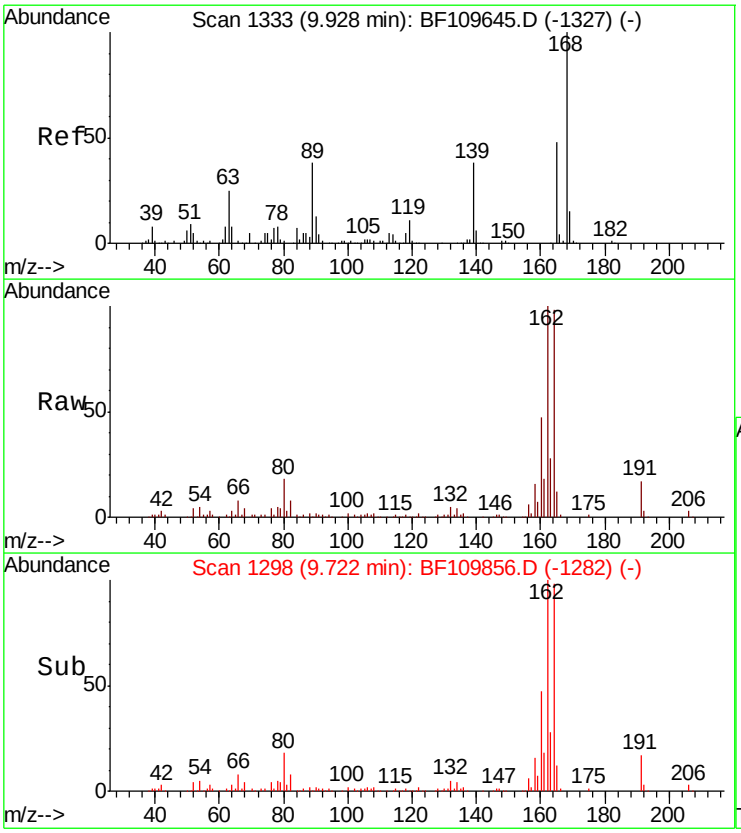
#49
Dimethylphthalate
Concen: 7.680 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

Instrument :
BNA_F
ClientSampleId :
MATTING

Tgt Ion:163 Resp: 98089

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.9	8.1	12.1

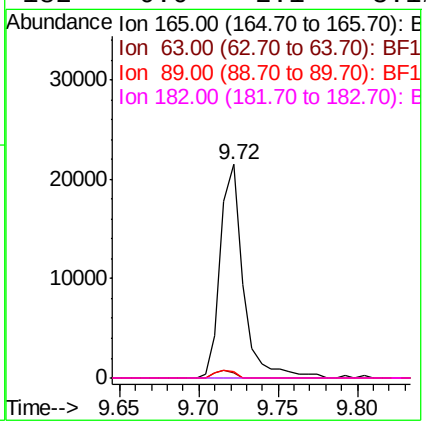


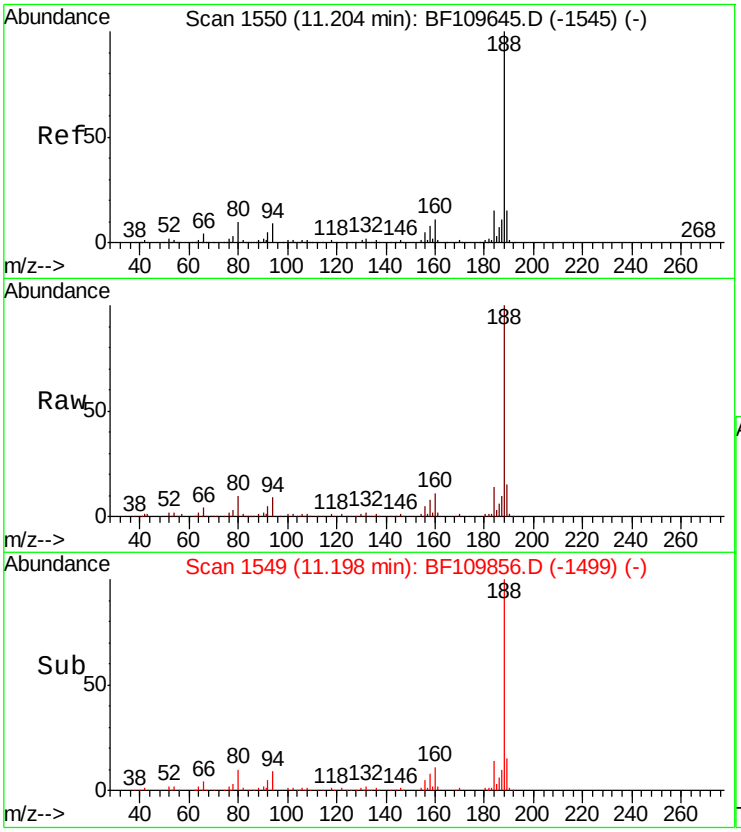


#56
2,4-Dinitrotoluene
Concen: 6.284 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

Tgt Ion:165 Resp: 21711

Ion	Ratio	Lower	Upper
165	100		
63	2.3	44.8	67.2#
89	2.7	62.2	93.4#
182	0.0	2.1	3.1#



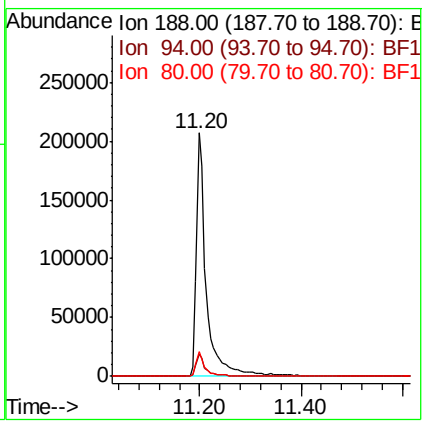


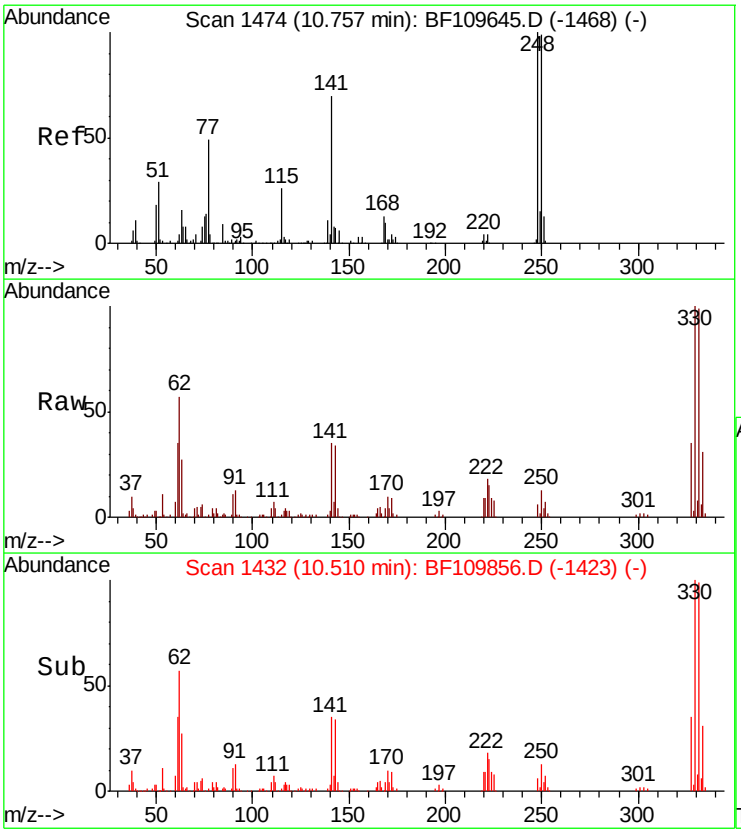
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

Instrument :
BNA_F
ClientSampleId :
MATTING

Tgt Ion:188 Resp: 284020

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.9	7.9	11.9

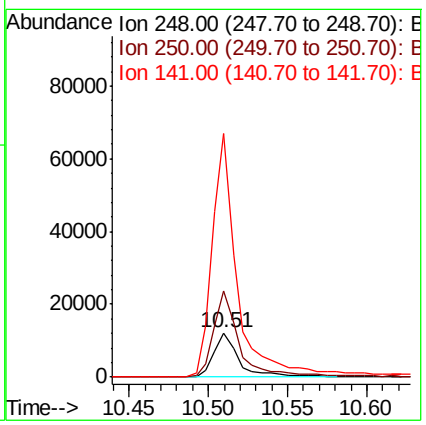


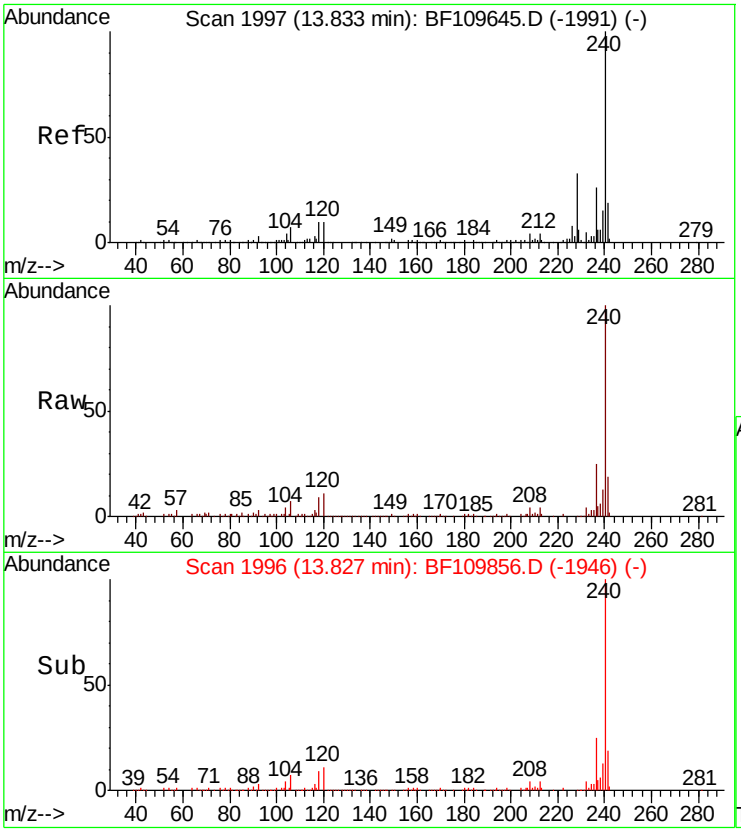


#66
4-Bromophenyl-phenylether
Concen: 4.143 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

Tgt Ion:248 Resp: 13522

Ion	Ratio	Lower	Upper
248	100		
250	194.8	79.4	119.2#
141	549.6	55.9	83.9#



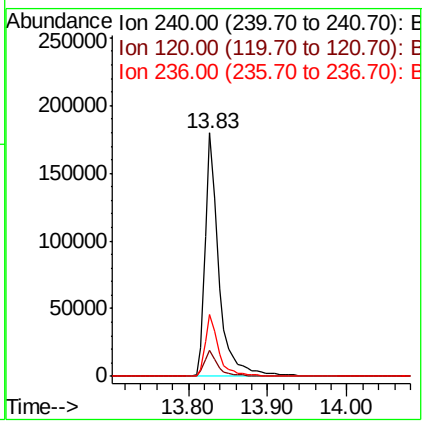


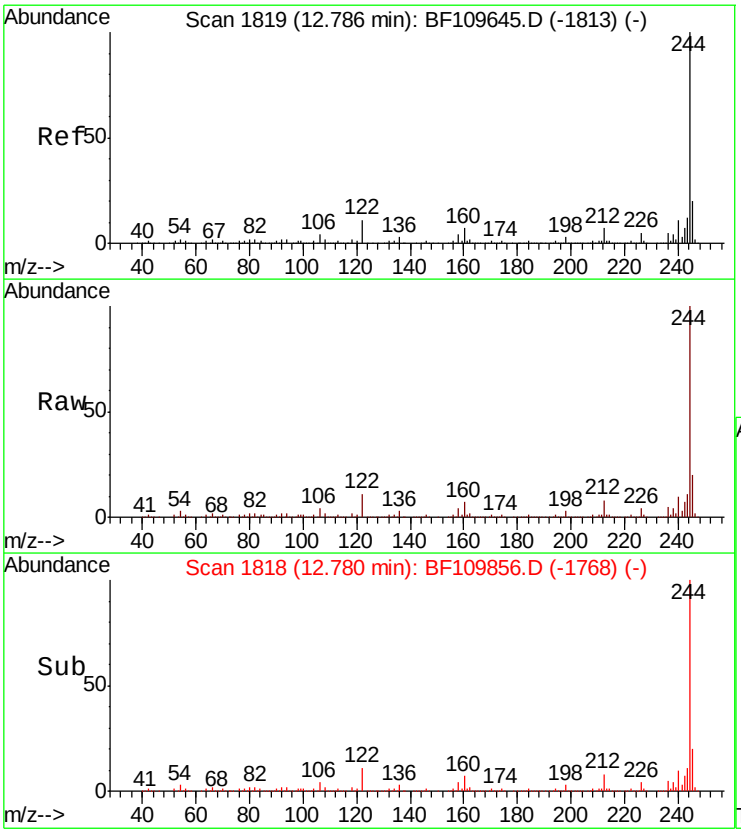
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

Instrument :
BNA_F
ClientSampleId :
MATTING

Tgt Ion:240 Resp: 219132

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.3	12.5
236	25.2	21.2	31.8

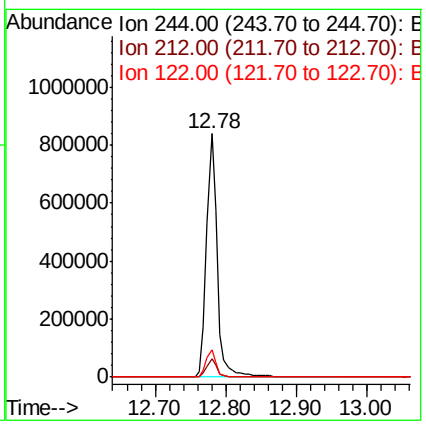


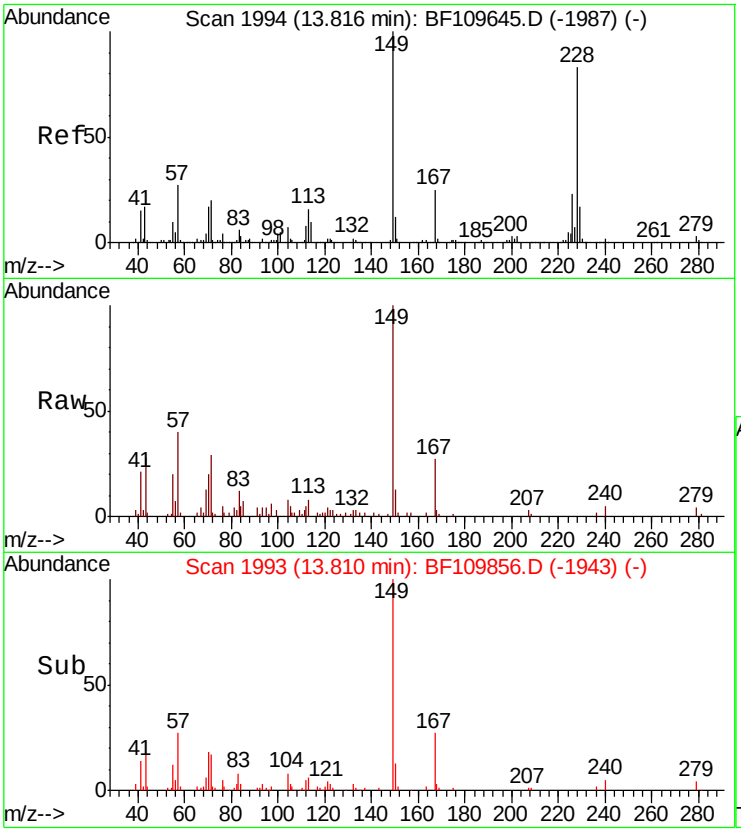


#78
Terphenyl-d14
Concen: 78.049 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

Tgt Ion:244 Resp: 883493

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	11.2	8.7	13.1



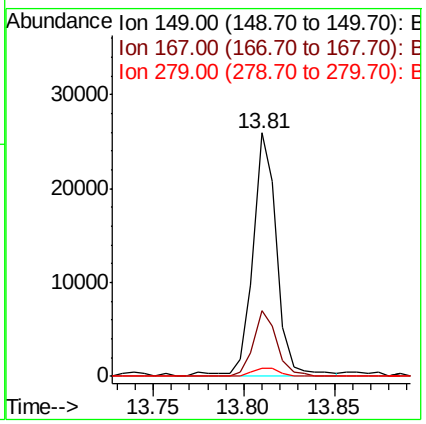


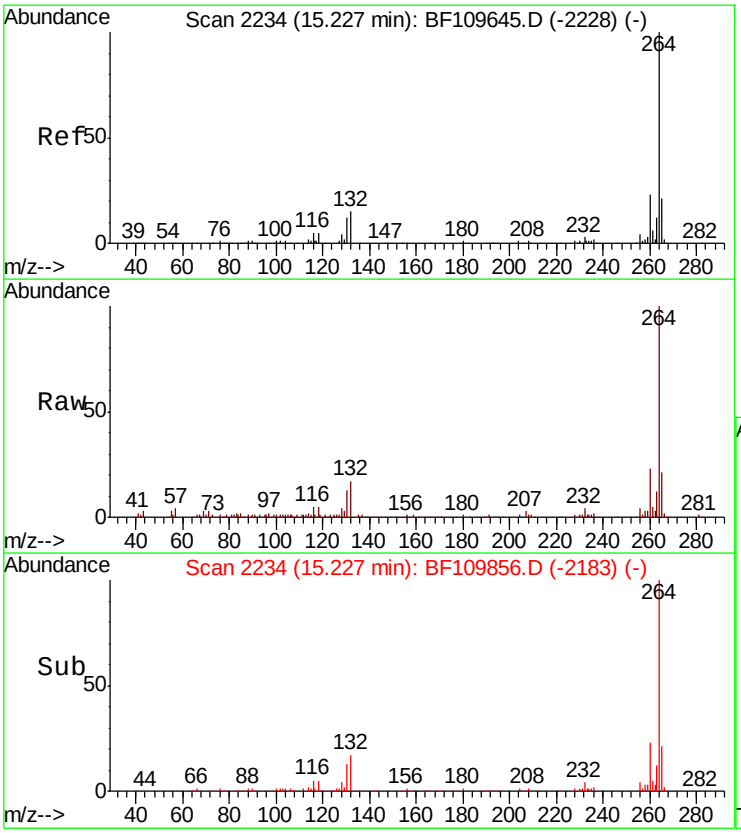
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.814 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

Instrument :
BNA_F
ClientSampleId :
MATTING

Tgt Ion:149 Resp: 23896

Ion	Ratio	Lower	Upper
149	100		
167	27.0	19.8	29.8
279	3.5	2.7	4.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

Tgt Ion:264 Resp: 169982

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.1	16.7	25.1