Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
Data File : BF109565.D
Acq On : 3 Oct 2018 23:35
Operator : JU/SJ
Sample : J5221-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 100118-DBRI-E-U-B

Quant Time: Oct 04 02:20:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	84179	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	287813	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	112735	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	213799	20.00	ng	0.00
75) Chrysene-d12	13.84	240	206362	20.00	ng	0.00
86) Perylene-d12	15.24	264	137861	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	199293	38.99	ng	0.00
7) Phenol-d6	6.35	99	155865	23.90	ng	-0.01
23) Nitrobenzene-d5	7.27	82	517777	106.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	115816	104.21	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	863095	115.47	ng	-0.01
78) Terphenyl-d14	12.79	244	886734	105.46	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	9077	2.167	ng	# 73
19) n-Nitroso-di-n-propylamine	7.27	70	68820	16.105	ng	# 76
25) Isophorone	7.27	82	498678	56.799	ng	# 64
49) Dimethylphthalate	9.45	163	63660	7.764	ng	99
56) 2,4-Dinitrotoluene	9.73	165	13961	6.794	ng	# 21
66) 4-Bromophenyl-phenylether	10.52	248	6965	2.934	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
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100118-DBRI-E-U-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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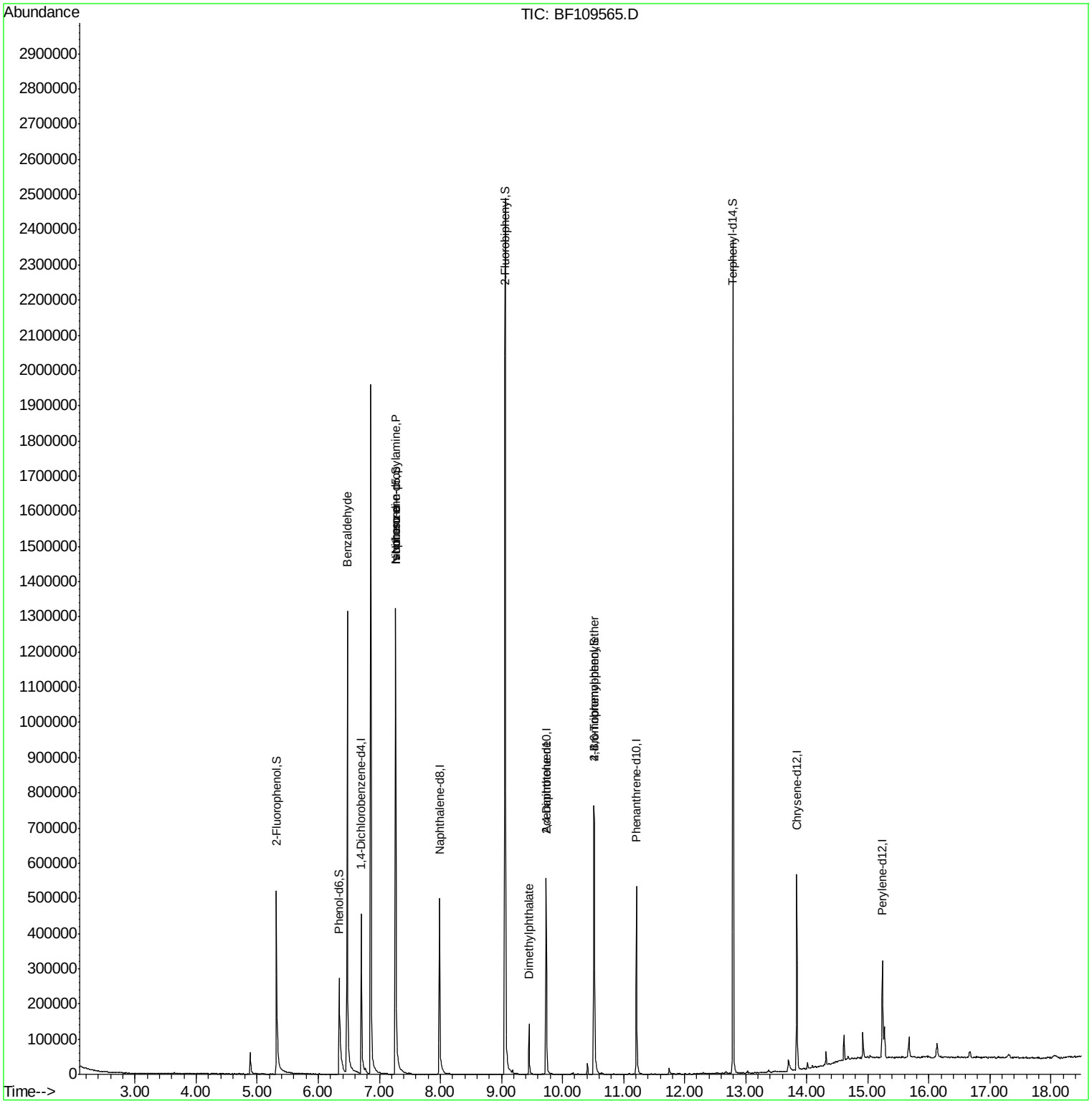
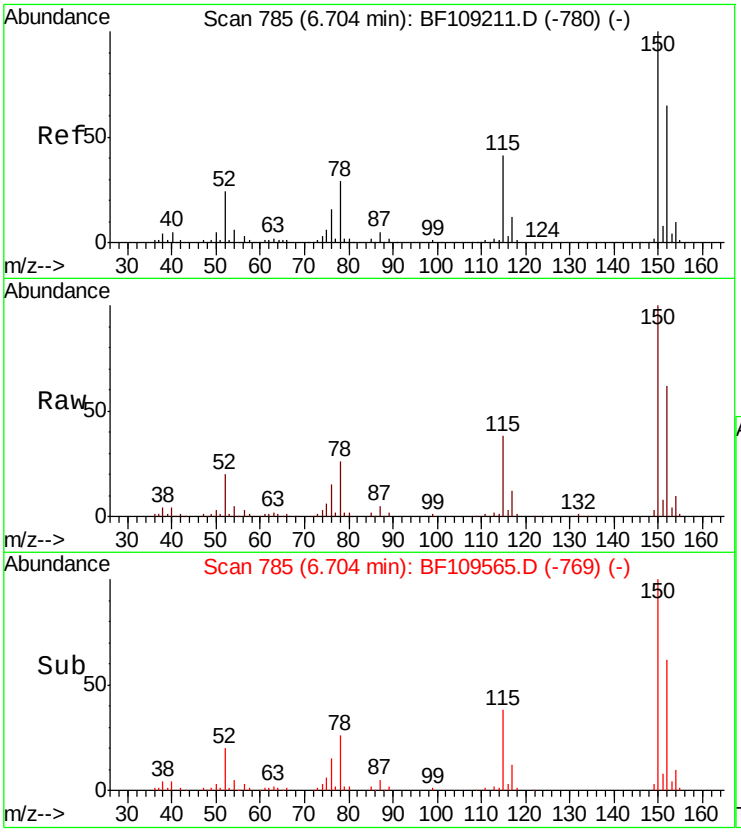


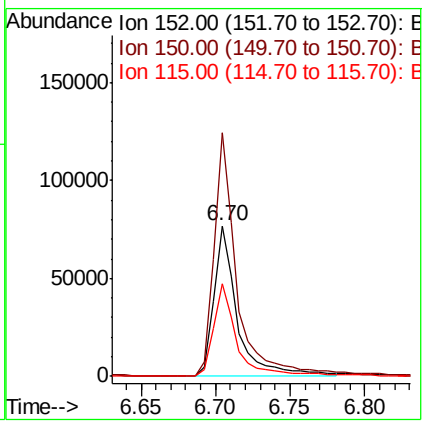


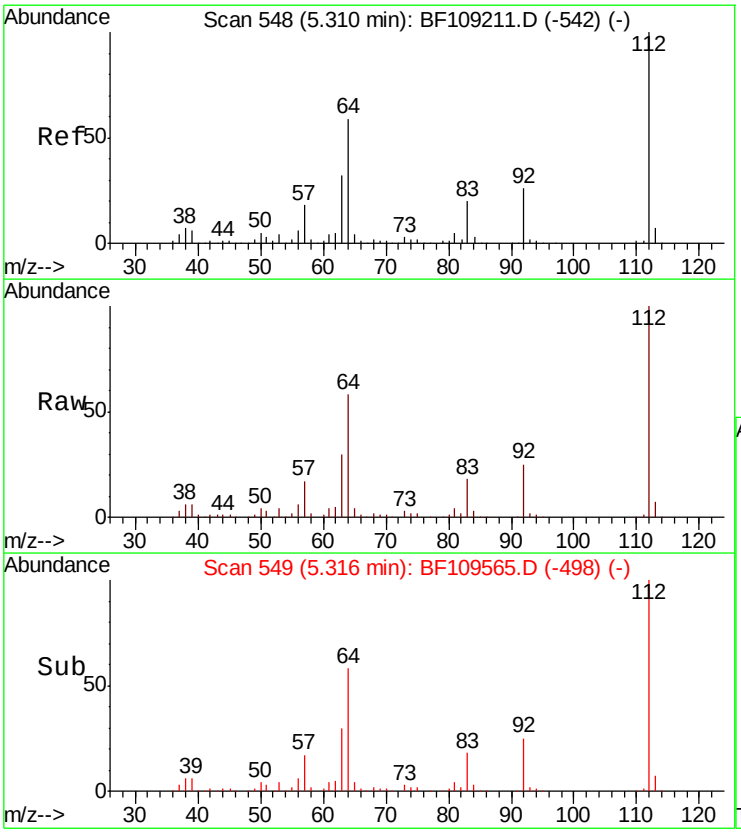
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109565.D
Acq: 3 Oct 2018 23:35

Instrument :
BNA_F
ClientSampleId :
100118-DBRI-E-U-B

Tgt Ion:152 Resp: 84179

Ion	Ratio	Lower	Upper
152	100		
150	161.9	124.6	186.8
115	61.4	50.1	75.1

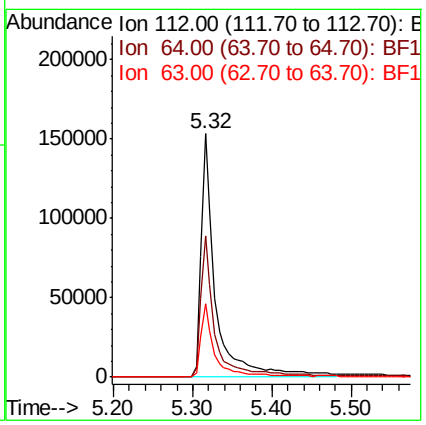


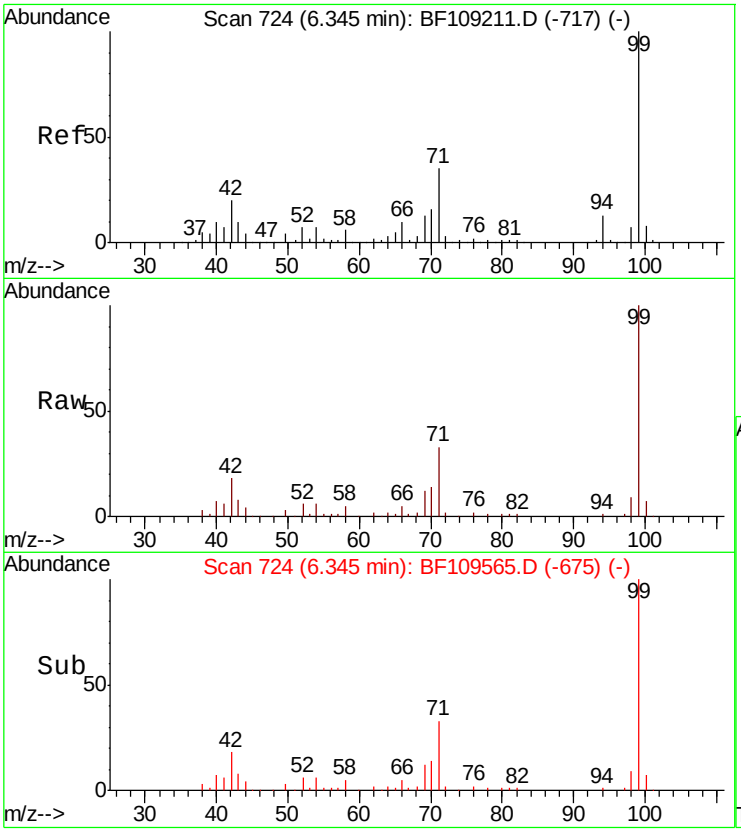


#5
2-Fluorophenol
Concen: 38.994 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109565.D
Acq: 3 Oct 2018 23:35

Tgt Ion:112 Resp: 199293

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	30.2	23.7	35.5



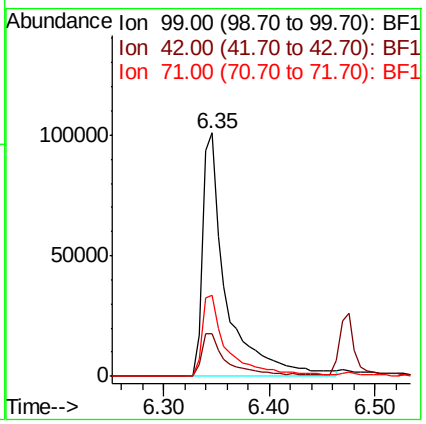


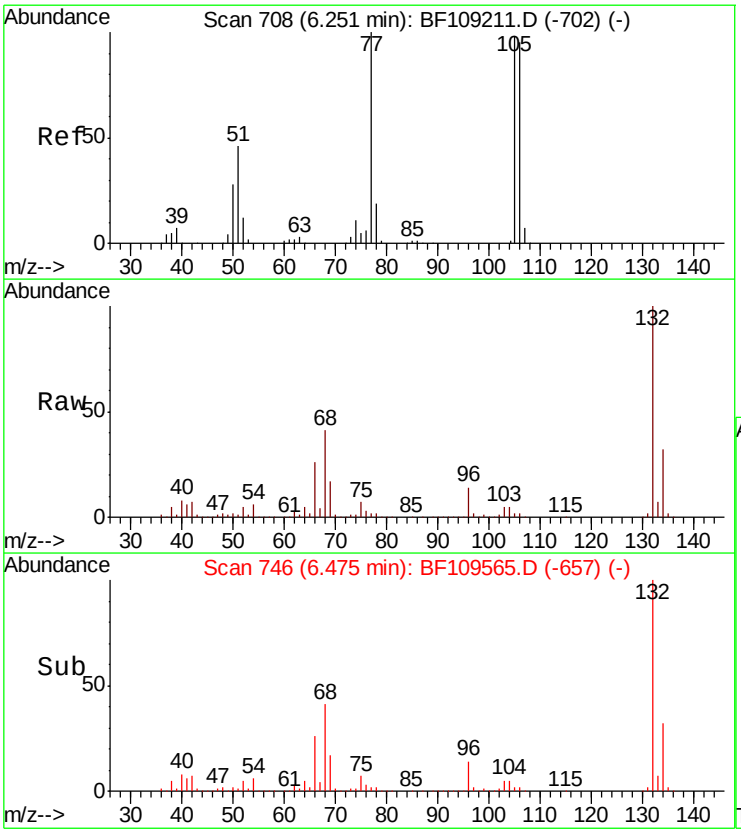
#7
Phenol-d6
Concen: 23.900 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109565.D
Acq: 3 Oct 2018 23:35

Instrument :
BNA_F
ClientSampleId :
100118-DBRI-E-U-B

Tgt Ion: 99 Resp: 155865

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.5	21.7
71	33.1	25.4	38.0

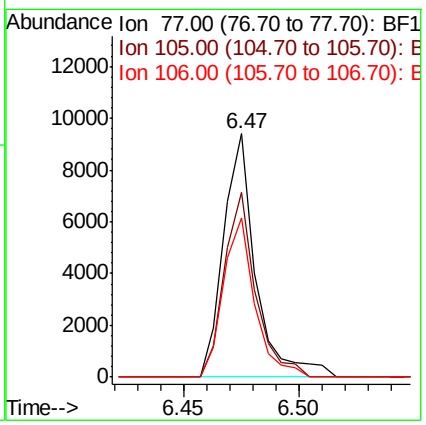


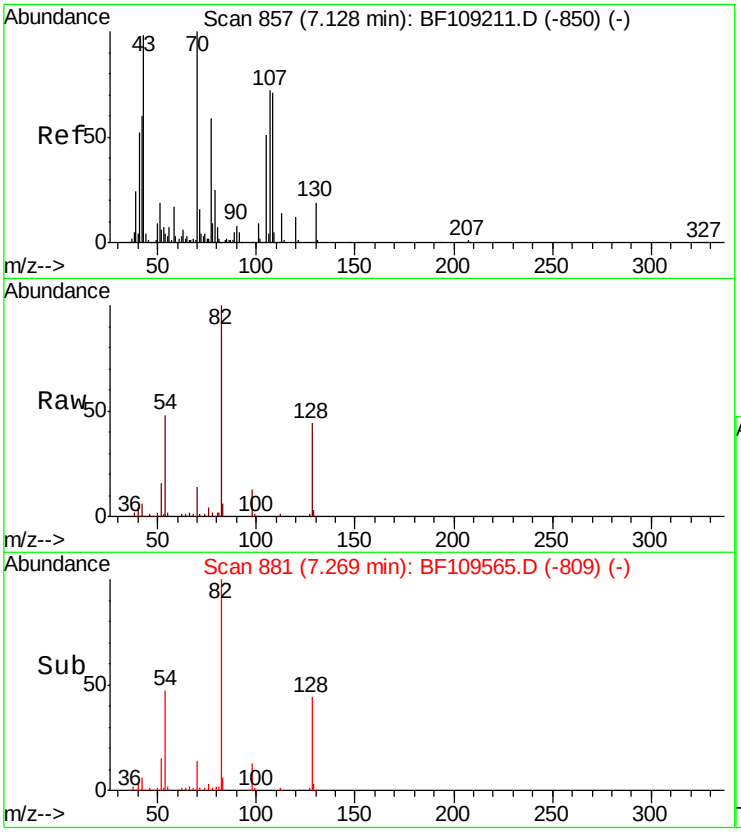


#9
Benzaldehyde
Concen: 2.167 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.22 min
Lab File: BF109565.D
Acq: 3 Oct 2018 23:35

Tgt Ion: 77 Resp: 9077

Ion	Ratio	Lower	Upper
77	100		
105	75.7	81.1	121.1#
106	65.5	74.5	114.5#



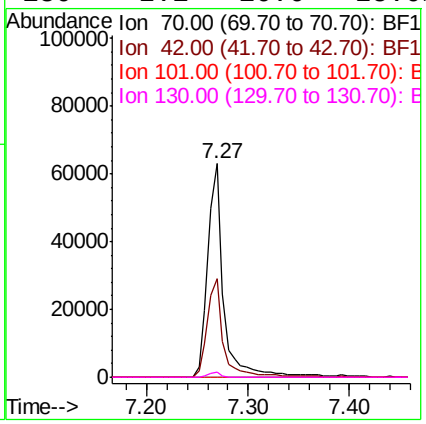


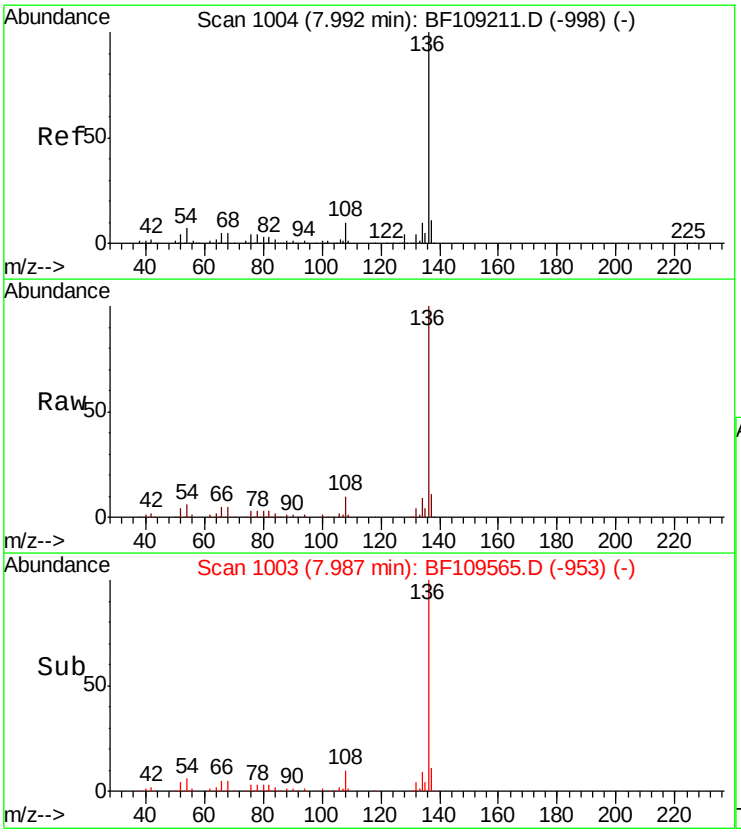
#19
n-Nitroso-di-n-propylamine
Concen: 16.105 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109565.D
Acq: 3 Oct 2018 23:35

Instrument :
BNA_F
ClientSampleId :
100118-DBRI-E-U-B

Tgt Ion: 70 Resp: 68820

Ion	Ratio	Lower	Upper
70	100		
42	46.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

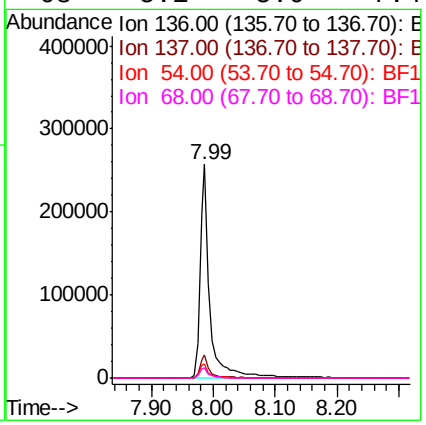


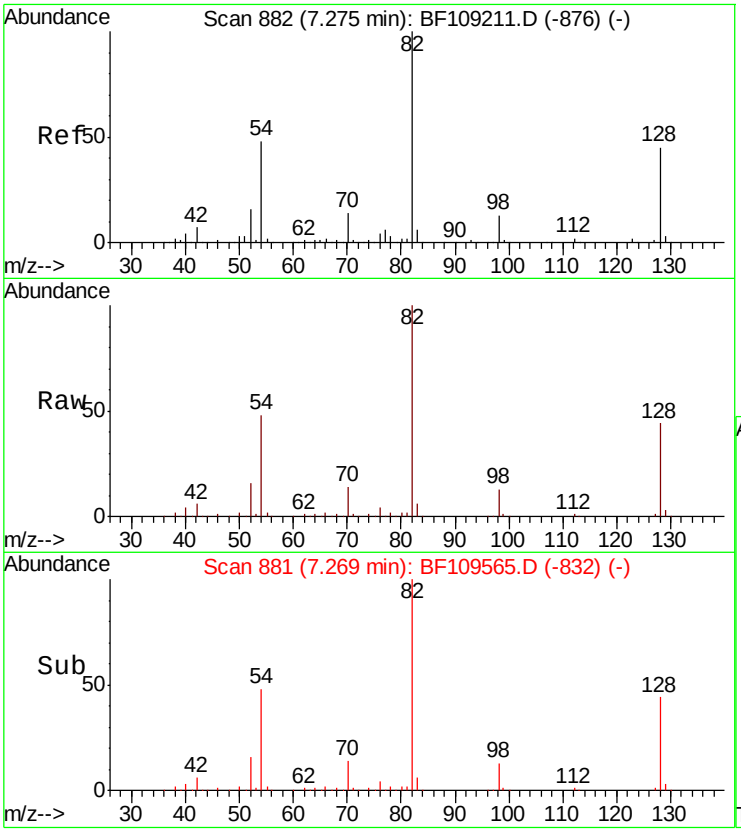


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109565.D
Acq: 3 Oct 2018 23:35

Tgt Ion:136 Resp: 287813

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.5	6.6	9.8#
68	5.1	5.0	7.4



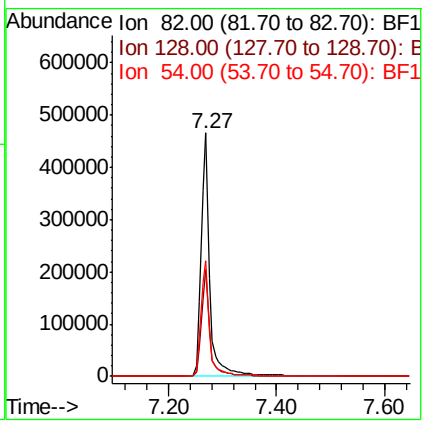


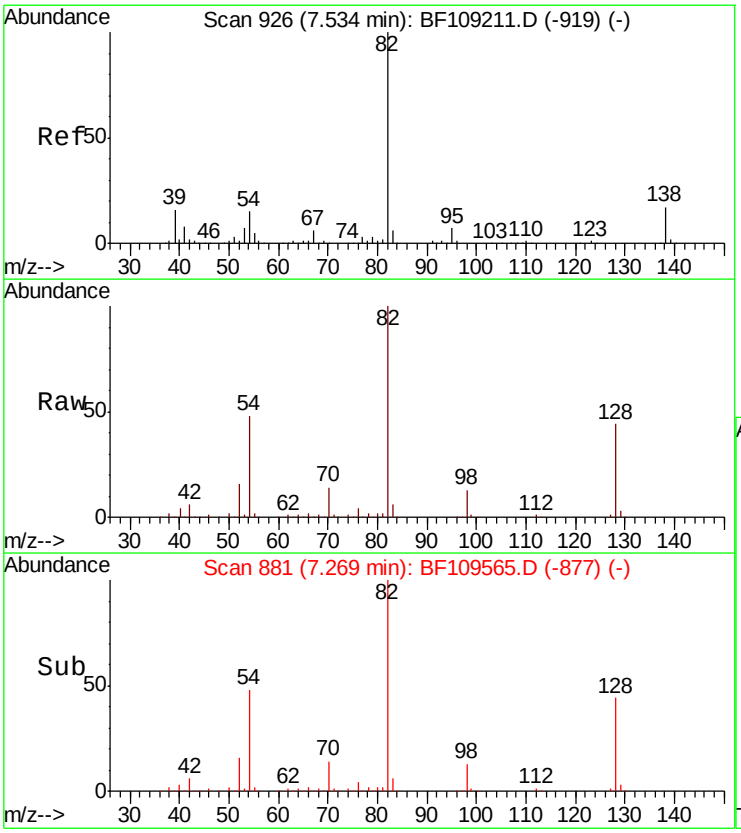
#23
Nitrobenzene-d5
Concen: 106.198 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109565.D
Acq: 3 Oct 2018 23:35

Instrument :
BNA_F
ClientSampleId :
100118-DBRI-E-U-B

Tgt Ion: 82 Resp: 517777

Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	47.7	41.4	62.2

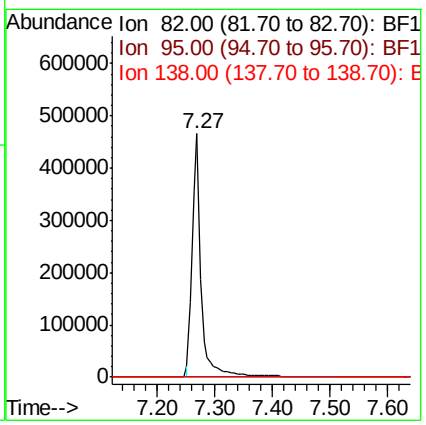


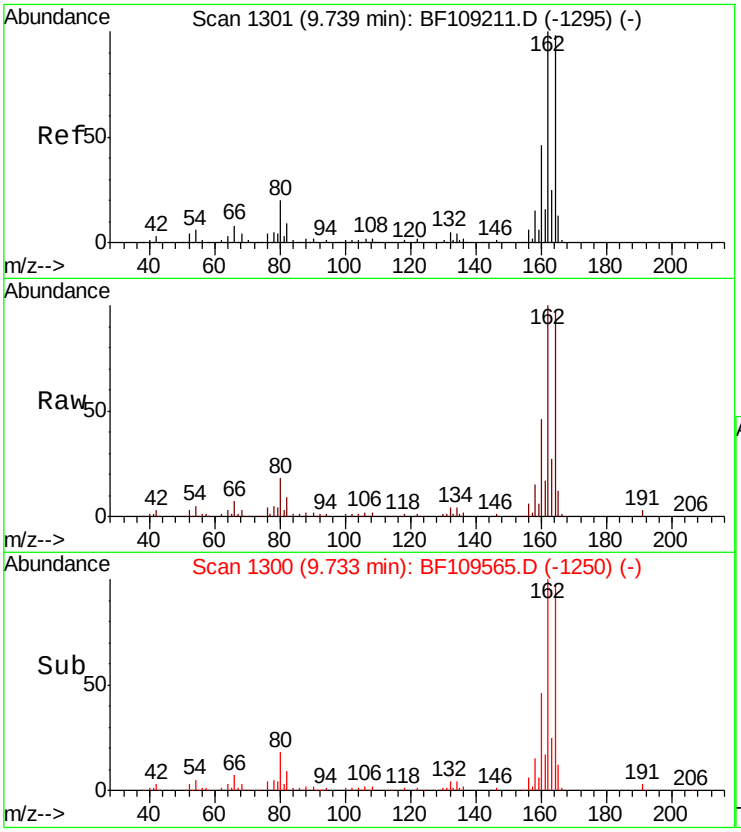


#25
Isophorone
Concen: 56.799 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109565.D
Acq: 3 Oct 2018 23:35

Tgt Ion: 82 Resp: 498678

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



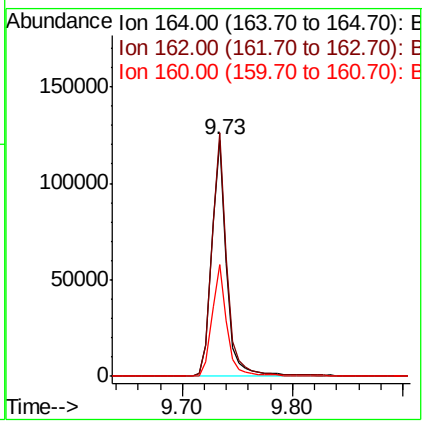


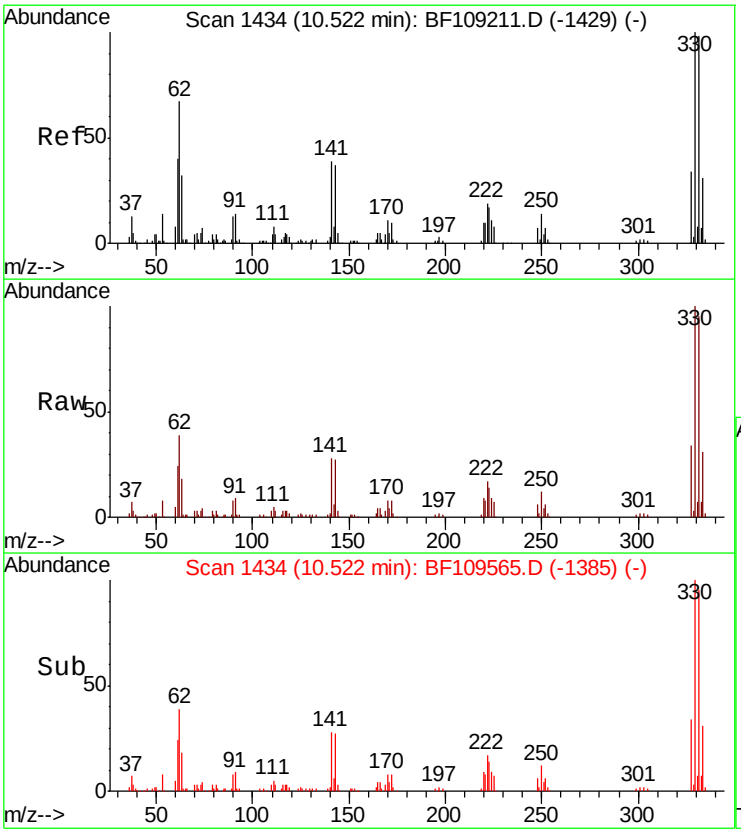
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109565.D
Acq: 3 Oct 2018 23:35

Instrument :
BNA_F
ClientSampleId :
100118-DBRI-E-U-B

Tgt Ion:164 Resp: 112735

Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	47.1	38.3	57.5

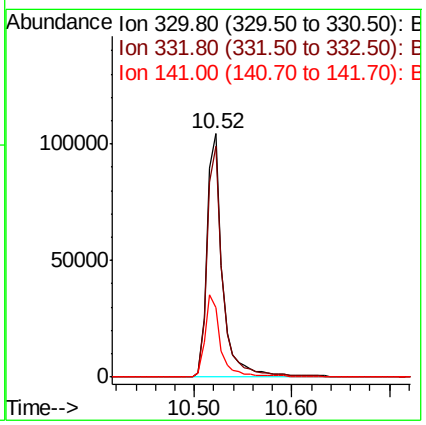


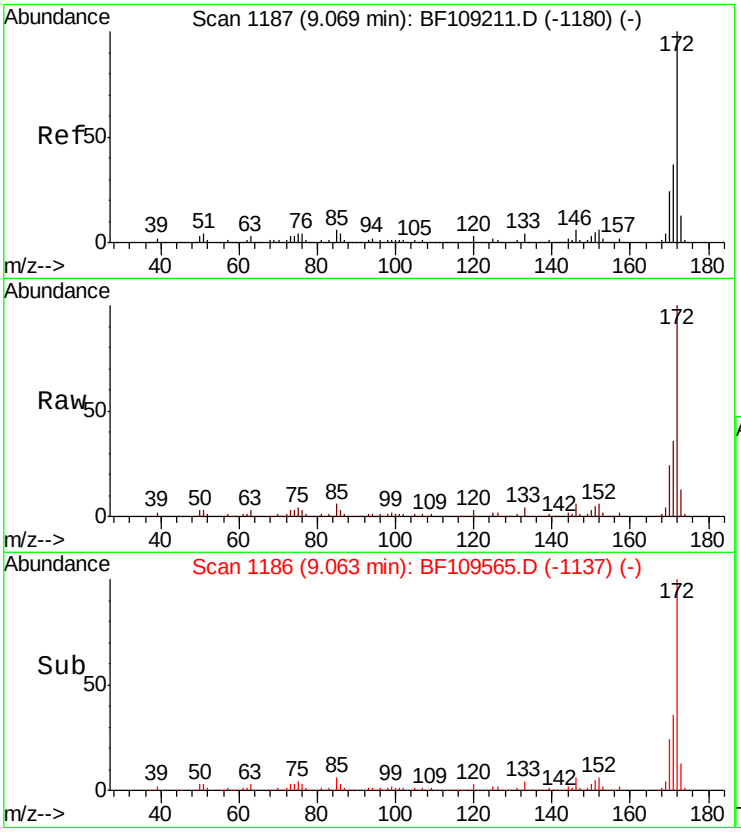


#41
2,4,6-Tribromophenol
Concen: 104.214 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109565.D
Acq: 3 Oct 2018 23:35

Tgt Ion:330 Resp: 115816

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	33.6	29.9	44.9



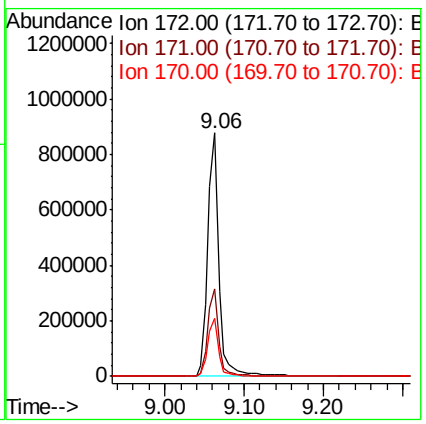


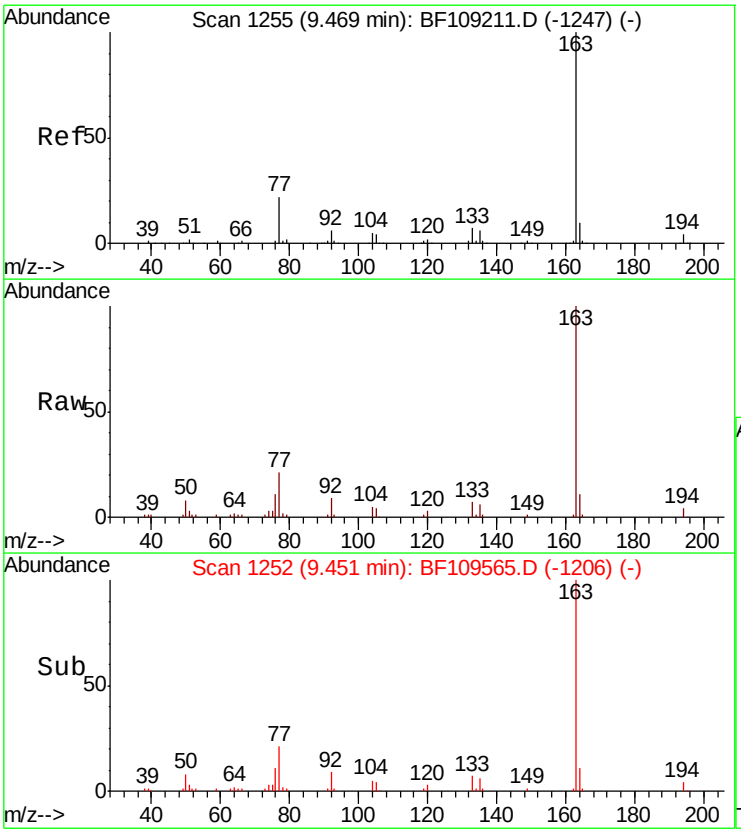
#44
2-Fluorobiphenyl
Concen: 115.467 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109565.D
Acq: 3 Oct 2018 23:35

Instrument :
BNA_F
ClientSampleId :
100118-DBRI-E-U-B

Tgt Ion:172 Resp: 863095

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.7	19.6	29.4

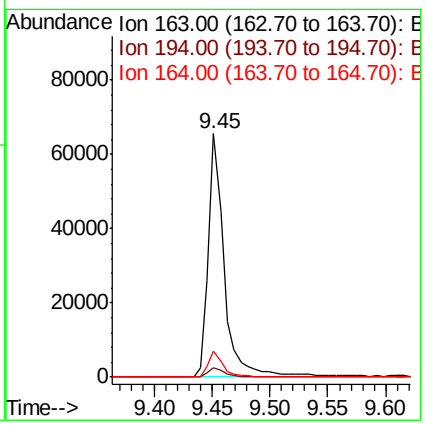


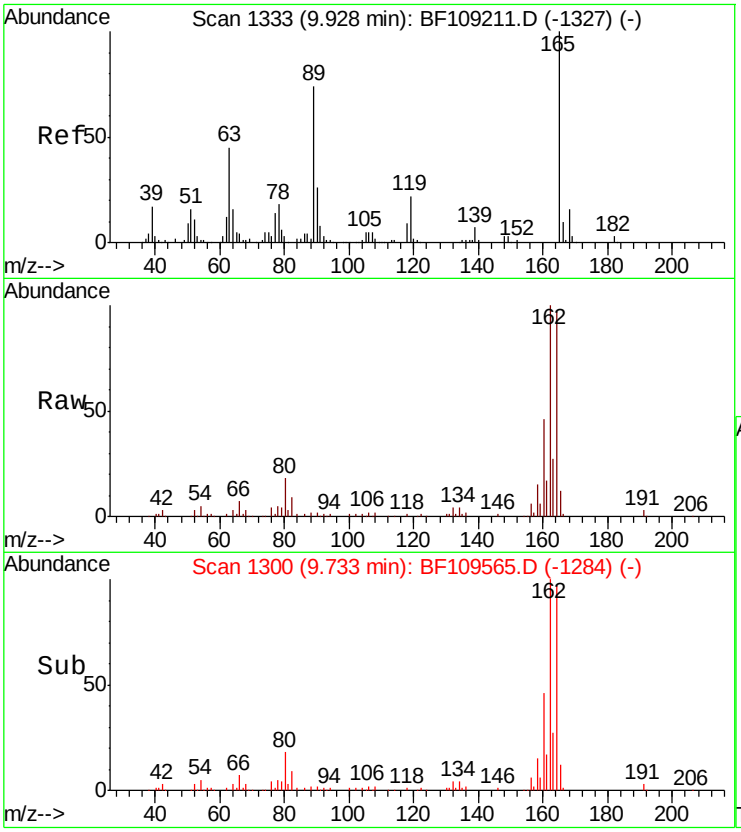


#49
Dimethylphthalate
Concen: 7.764 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109565.D
Acq: 3 Oct 2018 23:35

Tgt Ion:163 Resp: 63660

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.6	8.2	12.2



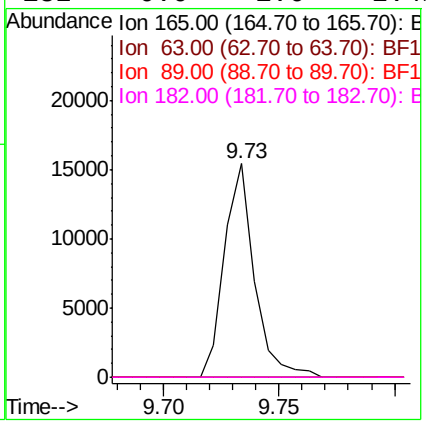


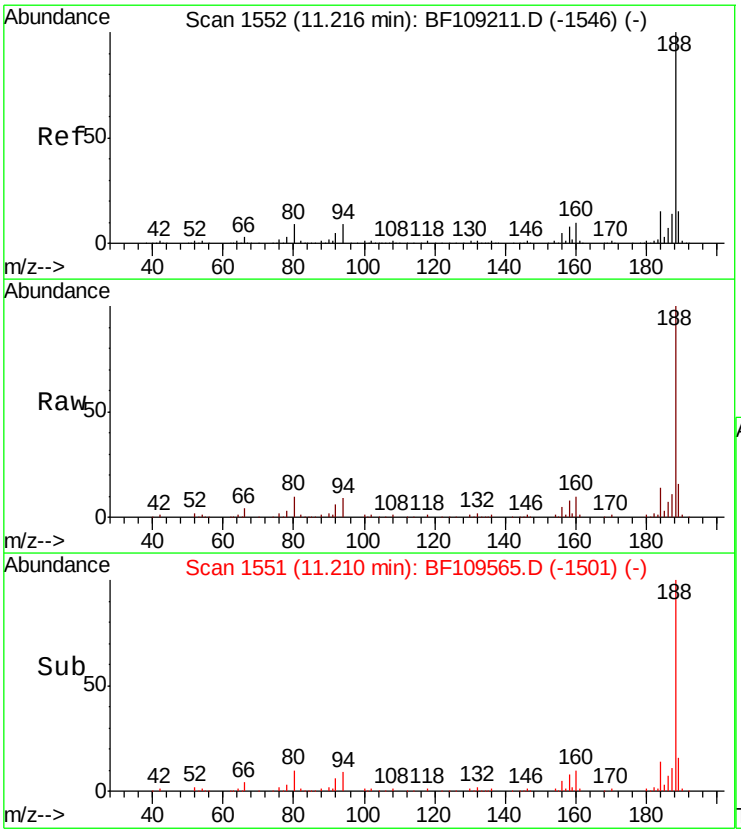
#56
2,4-Dinitrotoluene
Concen: 6.794 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109565.D
Acq: 3 Oct 2018 23:35

Instrument :
BNA_F
ClientSampleId :
100118-DBRI-E-U-B

Tgt Ion:165 Resp: 13961

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

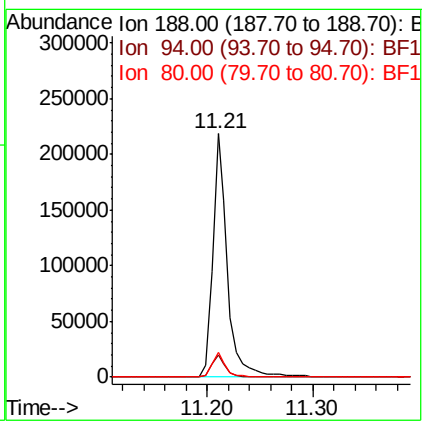


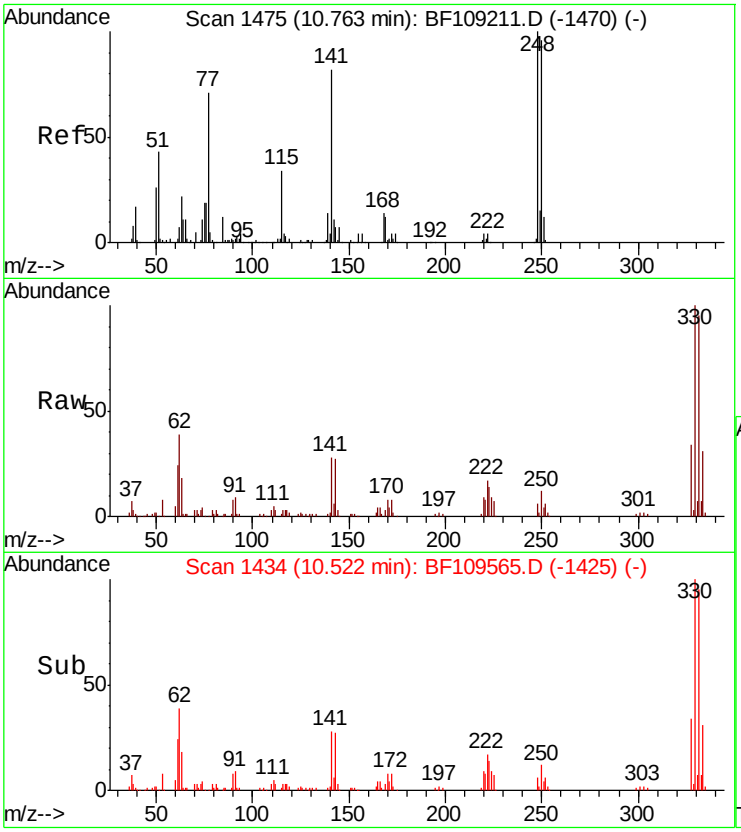


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109565.D
Acq: 3 Oct 2018 23:35

Tgt Ion:188 Resp: 213799

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.3	9.2	13.8



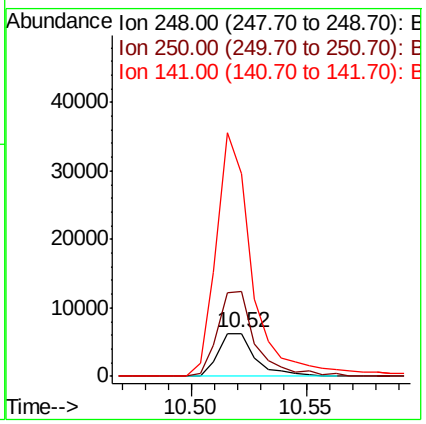


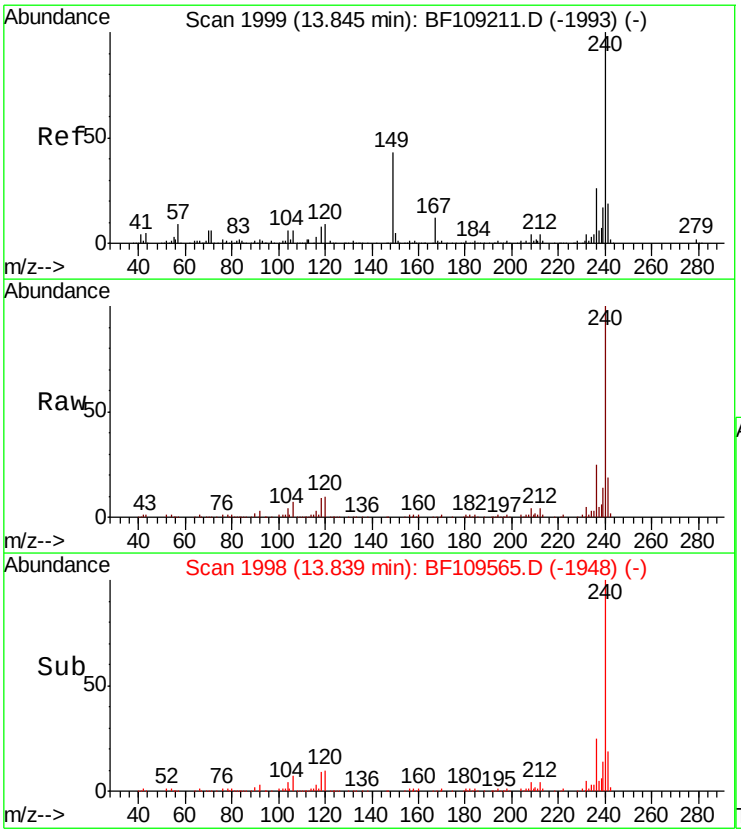
#66
4-Bromophenyl-phenylether
Concen: 2.934 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109565.D
Acq: 3 Oct 2018 23:35

Instrument :
BNA_F
ClientSampleId :
100118-DBRI-E-U-B

Tgt Ion:248 Resp: 6965

Ion	Ratio	Lower	Upper
248	100		
250	195.5	76.9	115.3#
141	470.6	74.4	111.6#

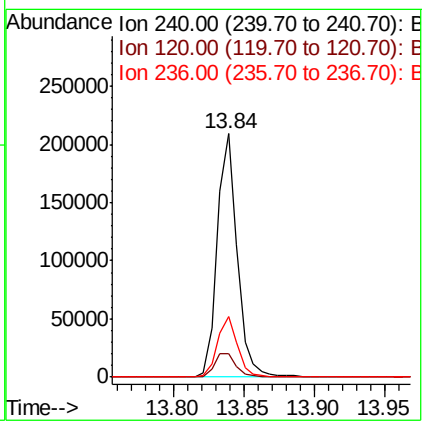


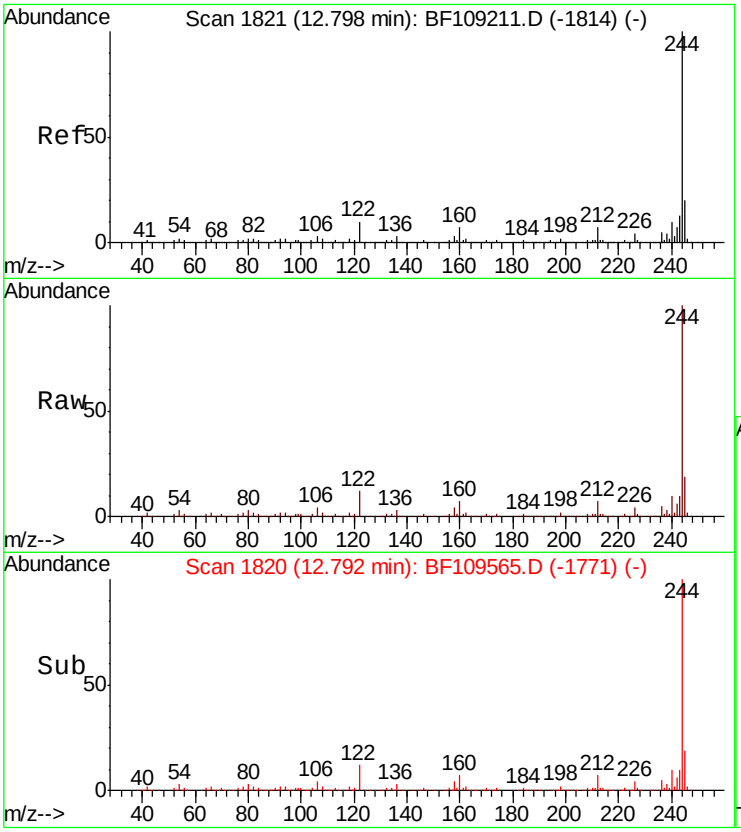


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109565.D
Acq: 3 Oct 2018 23:35

Tgt Ion:240 Resp: 206362

Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3
236	25.1	20.7	31.1



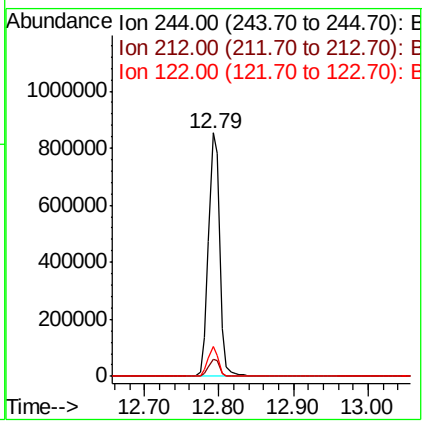


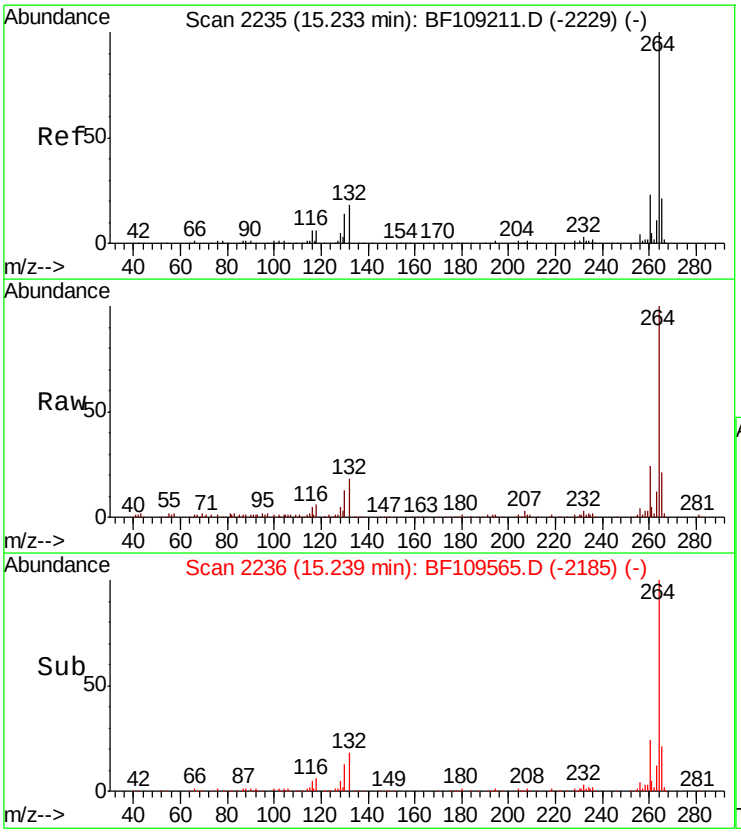
#78
Terphenyl-d14
Concen: 105.455 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109565.D
Acq: 3 Oct 2018 23:35

Instrument :
BNA_F
ClientSampleId :
100118-DBRI-E-U-B

Tgt Ion:244 Resp: 886734

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109565.D
Acq: 3 Oct 2018 23:35

Tgt Ion:264 Resp: 137861

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.0	17.5	26.3