Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
Data File : BF109022.D
Acq On : 15 Sep 2018 4:08
Operator : JU/SJ
Sample : J4901-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 091218-DBRI-F-D-B

Quant Time: Sep 15 06:55:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	147262	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	561767	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	268678	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	507864	20.00	ng	0.00
75) Chrysene-d12	13.85	240	360059	20.00	ng	-0.01
86) Perylene-d12	15.25	264	375893	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	348807	39.34	ng	0.00
7) Phenol-d6	6.34	99	285724	24.99	ng	-0.02
23) Nitrobenzene-d5	7.28	82	902164	90.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	256916	88.11	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1511050	88.11	ng	0.00
78) Terphenyl-d14	12.81	244	1538881	101.30	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.48	77	14844	2.033	ng	# 75
19) n-Nitroso-di-n-propylamine	7.28	70	121424	16.067	ng	# 77
25) Isophorone	7.28	82	895931	52.038	ng	# 64
49) Dimethylphthalate	9.47	163	130173	6.779	ng	100
56) 2,4-Dinitrotoluene	9.75	165	33951	6.096	ng	# 23
66) 4-Bromophenyl-phenylether	10.53	248	15575	2.720	ng	# 1

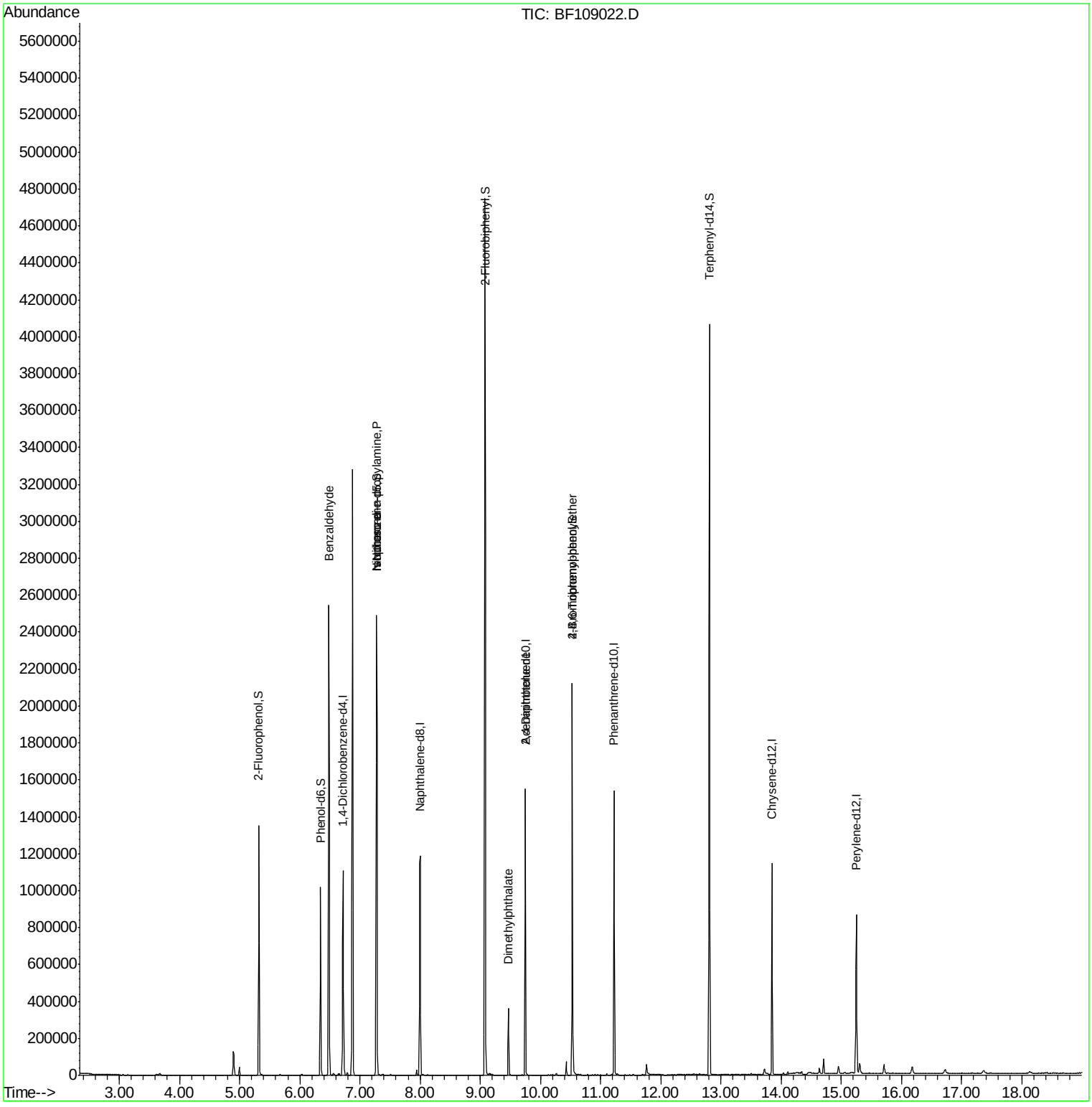
(#) = qualifier out of range (m) = manual integration (+) = signals summed

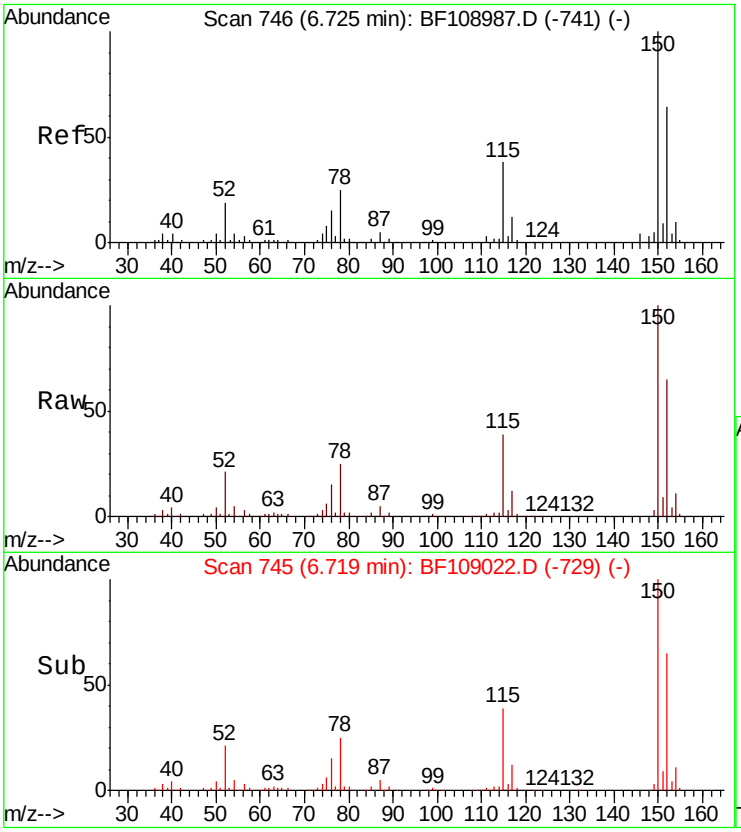
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
Data File : BF109022.D
Acq On : 15 Sep 2018 4:08
Operator : JU/SJ
Sample : J4901-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
091218-DBRI-F-D-B

Quant Time: Sep 15 06:55:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration



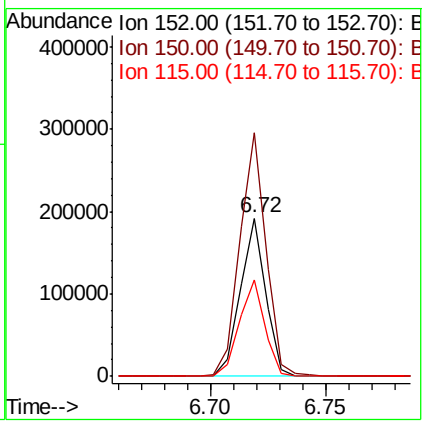


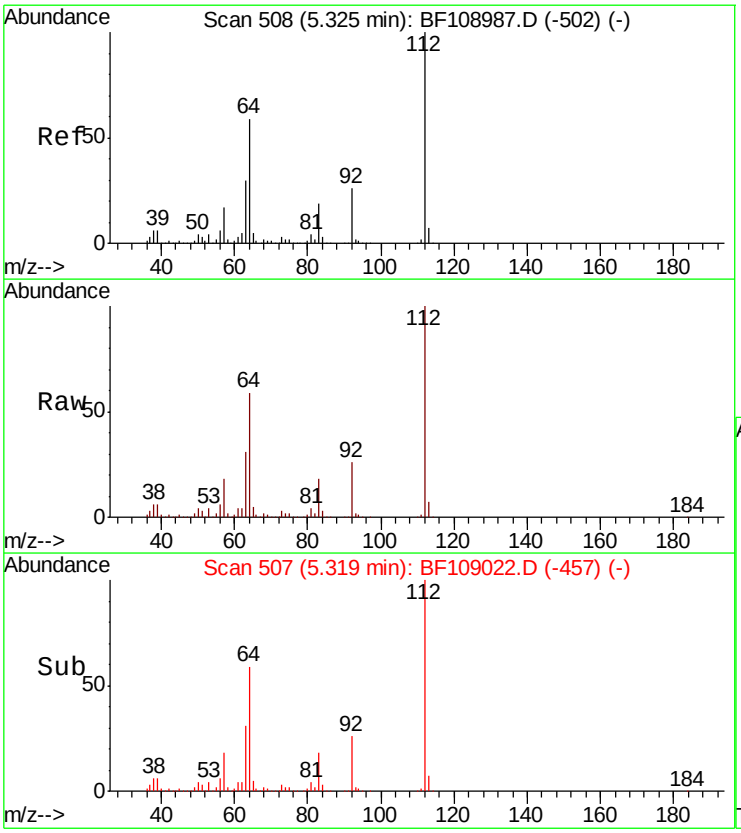
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109022.D
Acq: 15 Sep 2018 4:08

Instrument :
BNA_F
ClientSampleId :
091218-DBRI-F-D-B

Tgt Ion:152 Resp: 147262

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	60.7	50.1	75.1

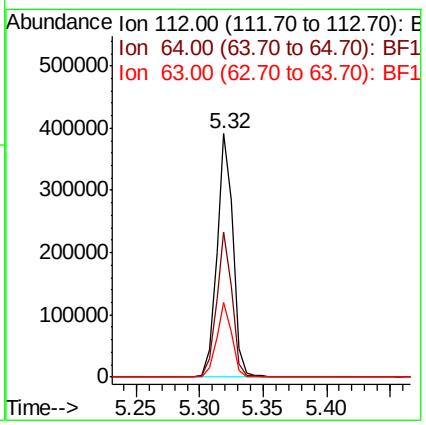


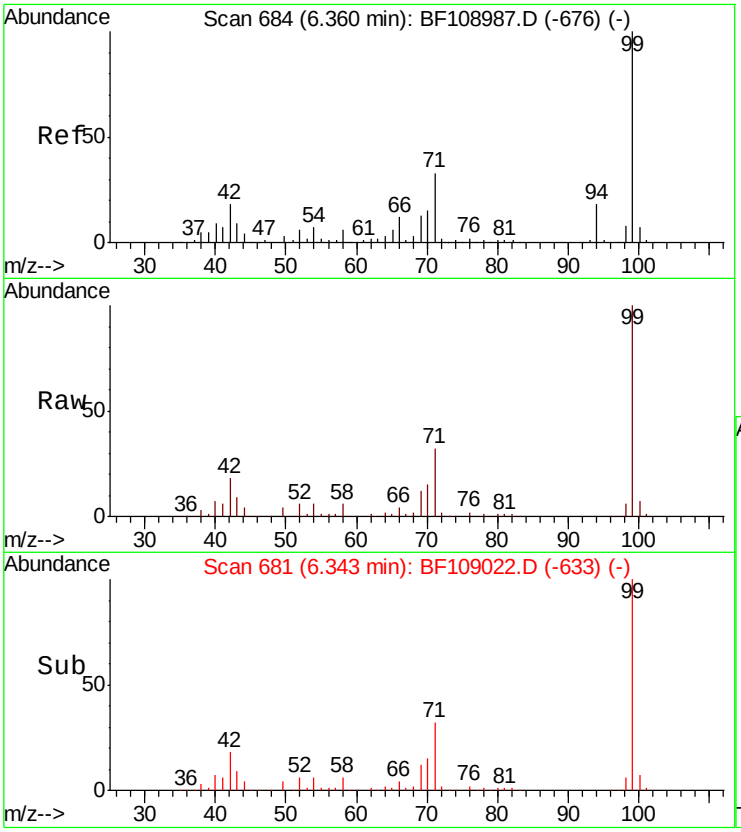


#5
2-Fluorophenol
Concen: 39.340 ng
RT: 5.32 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF109022.D
Acq: 15 Sep 2018 4:08

Tgt Ion:112 Resp: 348807

Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	30.6	23.7	35.5



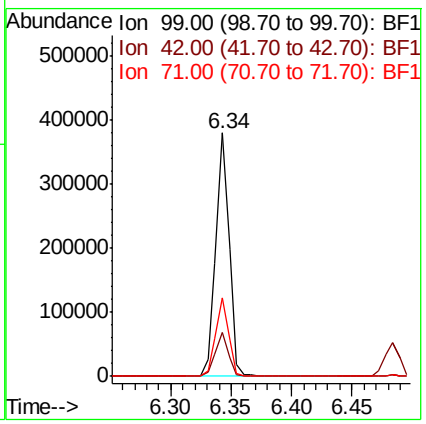


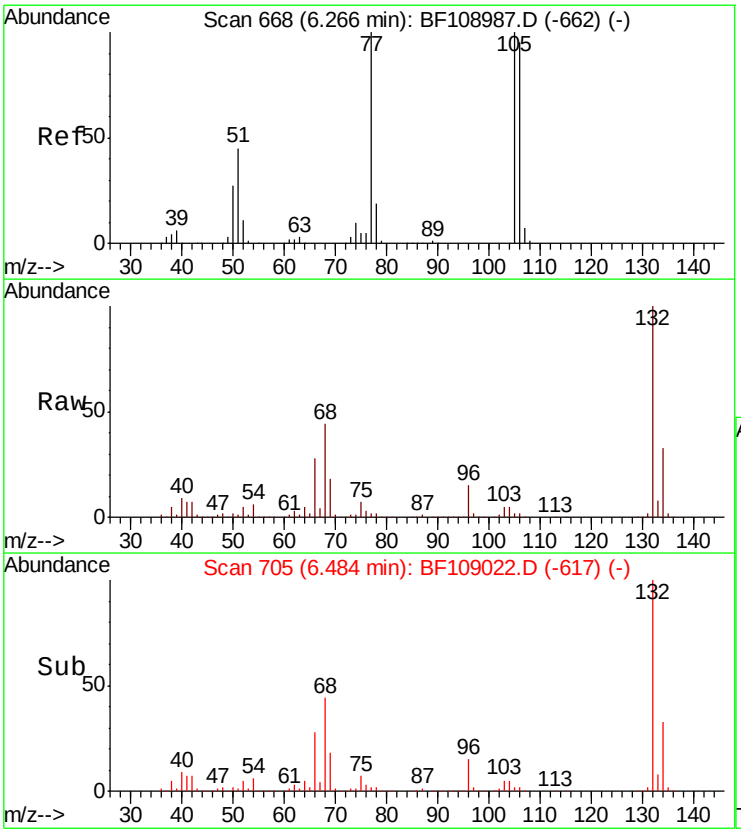
#7
Phenol-d6
Concen: 24.991 ng
RT: 6.34 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF109022.D
Acq: 15 Sep 2018 4:08

Instrument :
BNA_F
ClientSampleId :
091218-DBRI-F-D-B

Tgt Ion: 99 Resp: 285724

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.5	21.7
71	32.4	25.4	38.0

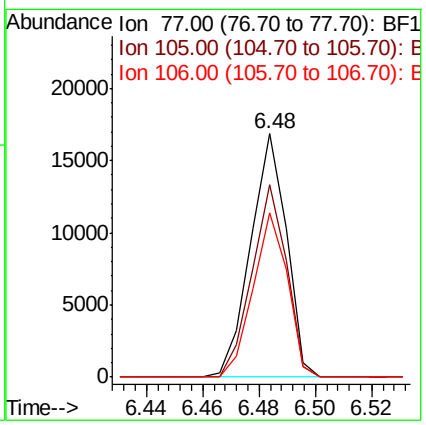


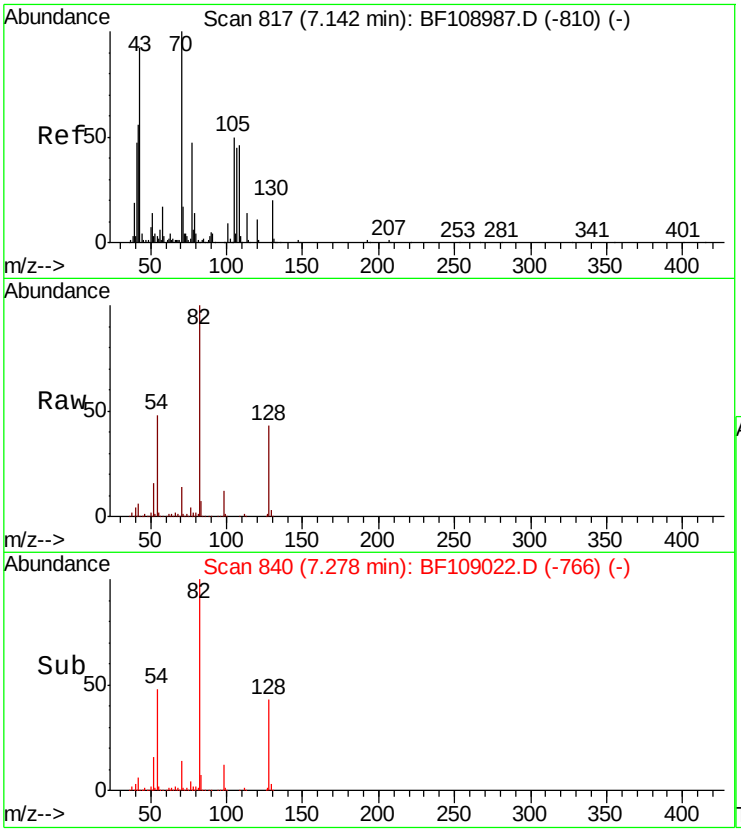


#9
Benzaldehyde
Concen: 2.033 ng
RT: 6.48 min Scan# 705
Delta R.T. 0.22 min
Lab File: BF109022.D
Acq: 15 Sep 2018 4:08

Tgt Ion: 77 Resp: 14844

Ion	Ratio	Lower	Upper
77	100		
105	78.8	81.1	121.1#
106	67.7	74.5	114.5#



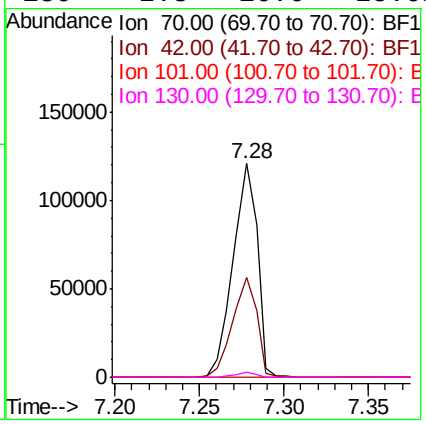


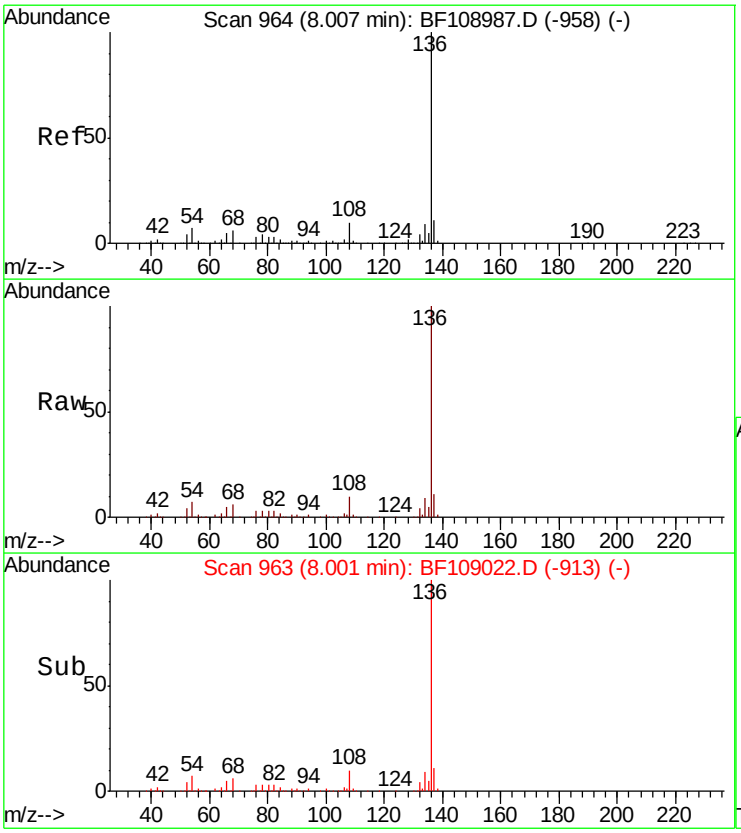
#19
n-Nitroso-di-n-propylamine
Concen: 16.067 ng
RT: 7.28 min Scan# 840
Delta R.T. 0.14 min
Lab File: BF109022.D
Acq: 15 Sep 2018 4:08

Instrument :
BNA_F
ClientSampleId :
091218-DBRI-F-D-B

Tgt Ion: 70 Resp: 121424

Ion	Ratio	Lower	Upper
70	100		
42	46.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

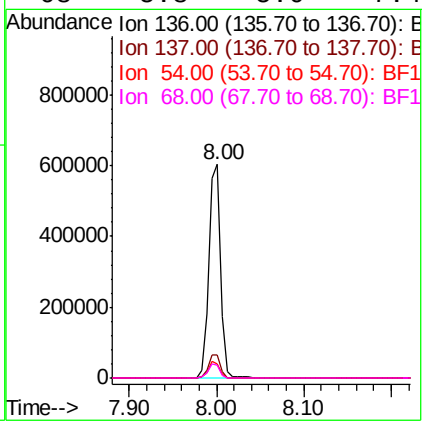


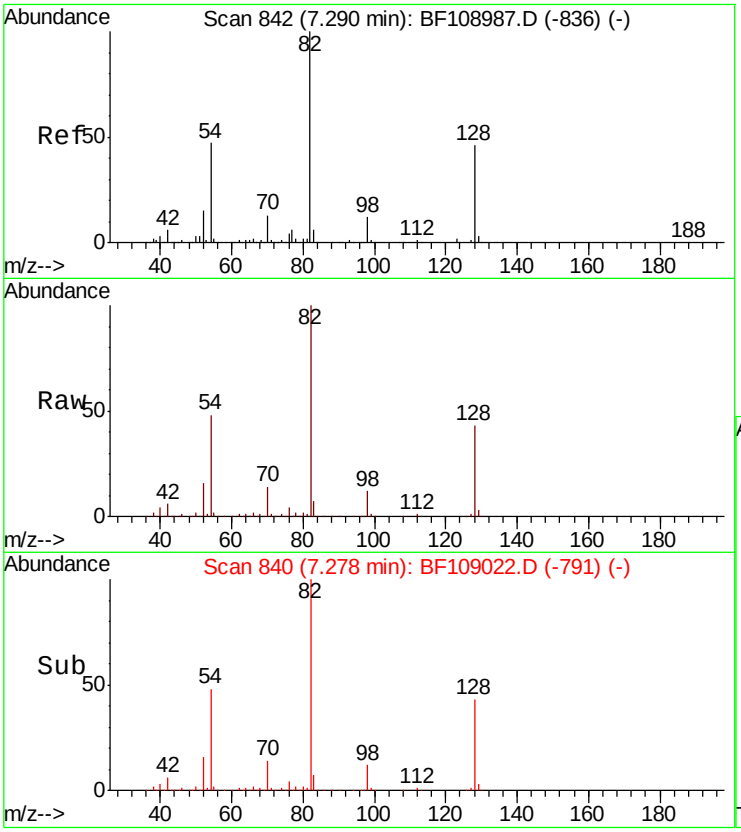


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109022.D
Acq: 15 Sep 2018 4:08

Tgt Ion:136 Resp: 561767

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.8	6.6	9.8
68	5.8	5.0	7.4



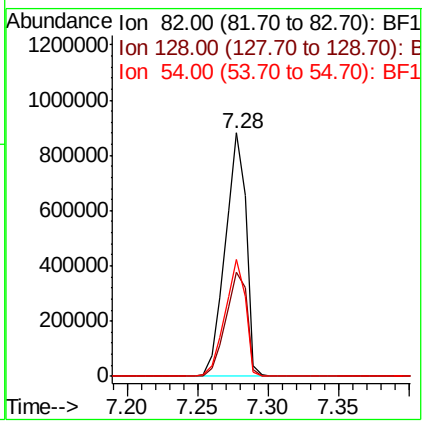


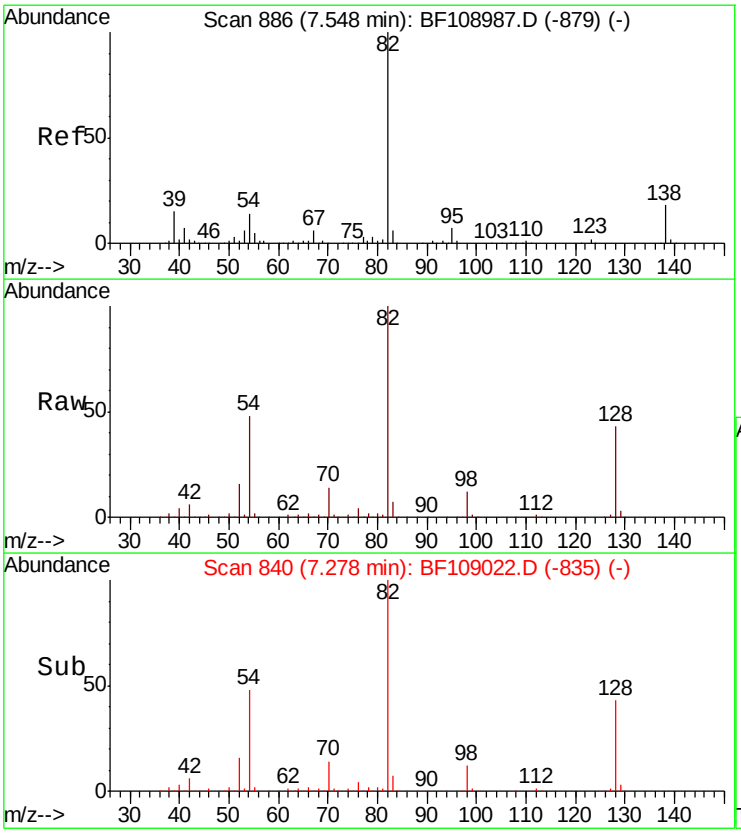
#23
Nitrobenzene-d5
Concen: 90.074 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109022.D
Acq: 15 Sep 2018 4:08

Instrument :
BNA_F
ClientSampleId :
091218-DBRI-F-D-B

Tgt Ion: 82 Resp: 902164

Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.1	54.1
54	48.1	41.4	62.2

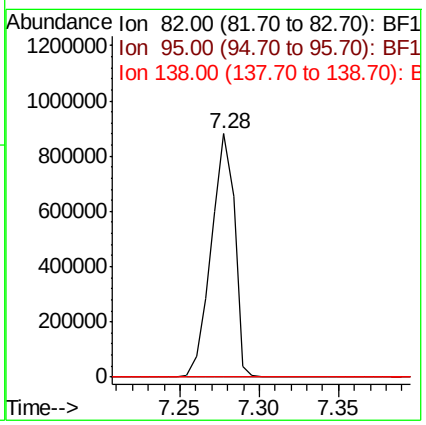


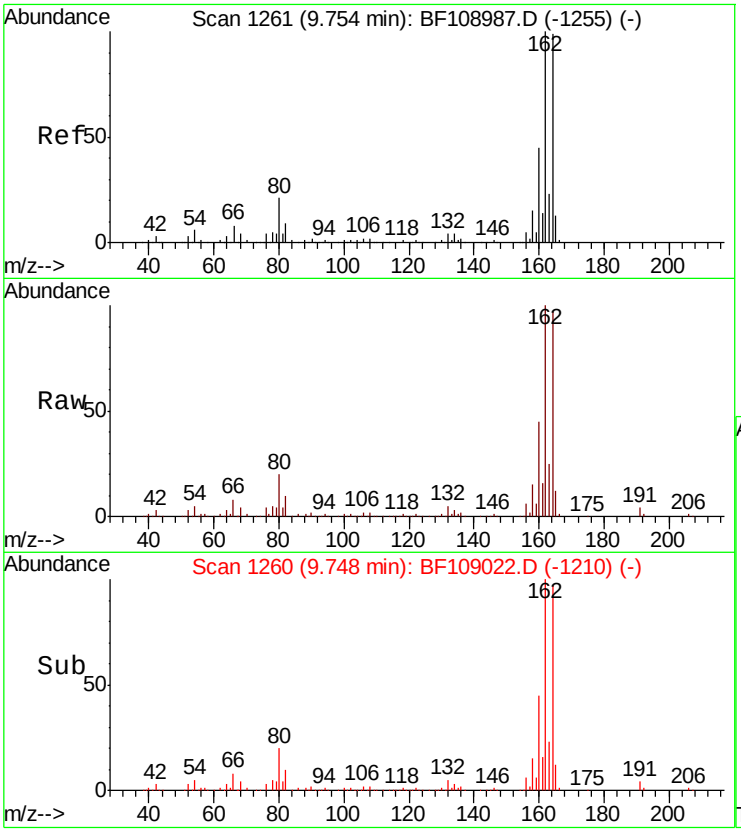


#25
Isophorone
Concen: 52.038 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.27 min
Lab File: BF109022.D
Acq: 15 Sep 2018 4:08

Tgt Ion: 82 Resp: 895931

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



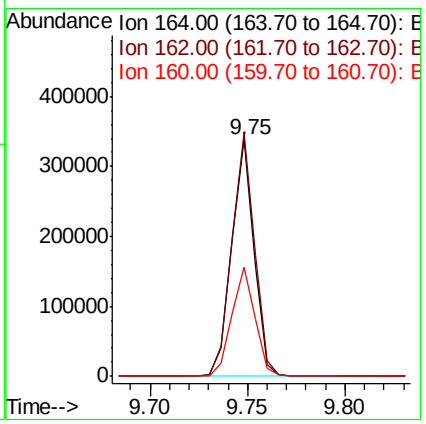


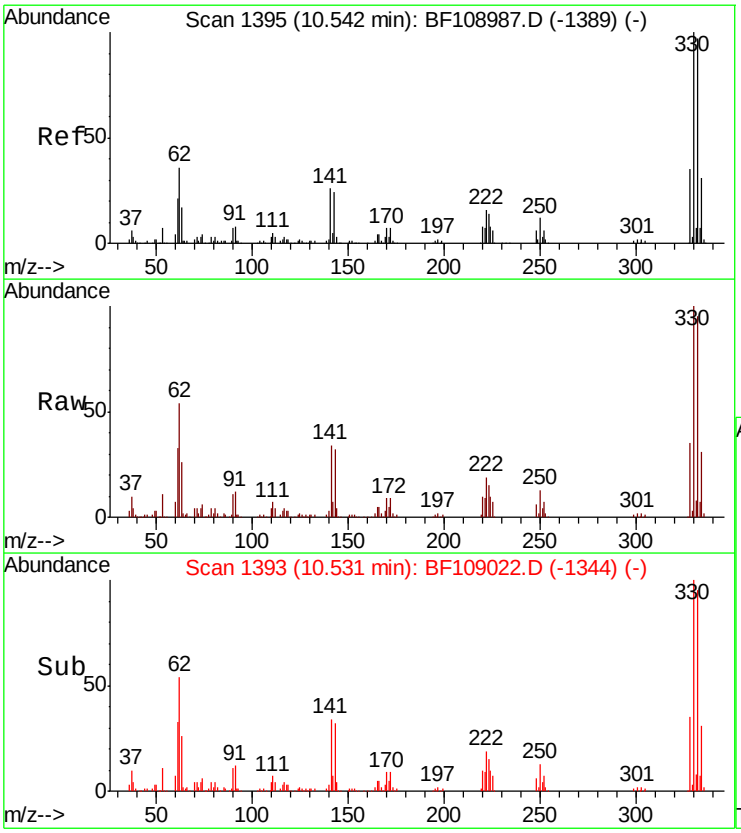
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109022.D
Acq: 15 Sep 2018 4:08

Instrument :
BNA_F
ClientSampleId :
091218-DBRI-F-D-B

Tgt Ion:164 Resp: 268678

Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	46.1	38.3	57.5

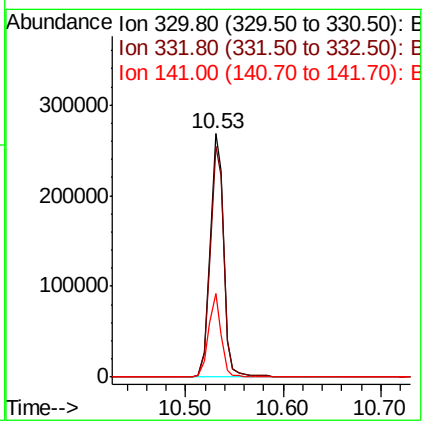


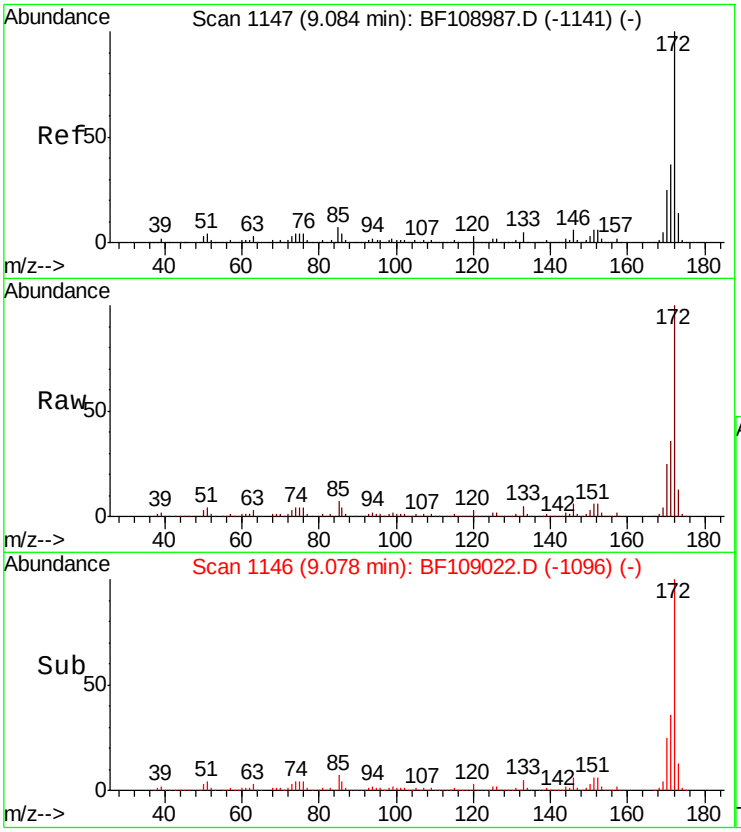


#41
2,4,6-Tribromophenol
Concen: 88.109 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109022.D
Acq: 15 Sep 2018 4:08

Tgt Ion:330 Resp: 256916

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	32.0	29.9	44.9



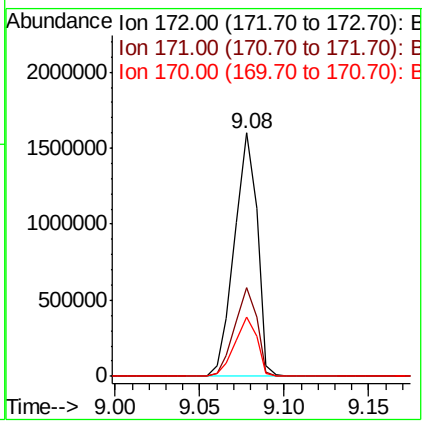


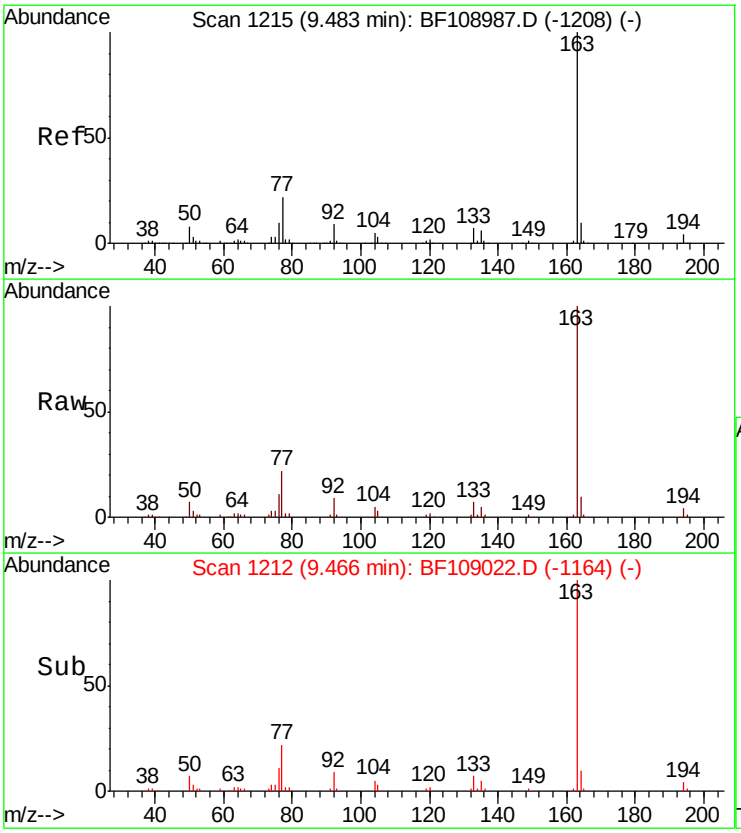
#44
2-Fluorobiphenyl
Concen: 88.113 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109022.D
Acq: 15 Sep 2018 4:08

Instrument :
BNA_F
ClientSampleId :
091218-DBRI-F-D-B

Tgt Ion:172 Resp: 1511050

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.6	19.6	29.4

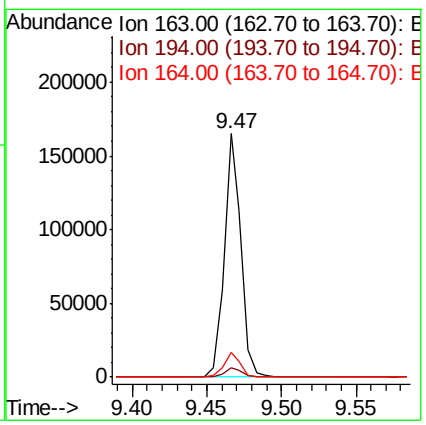


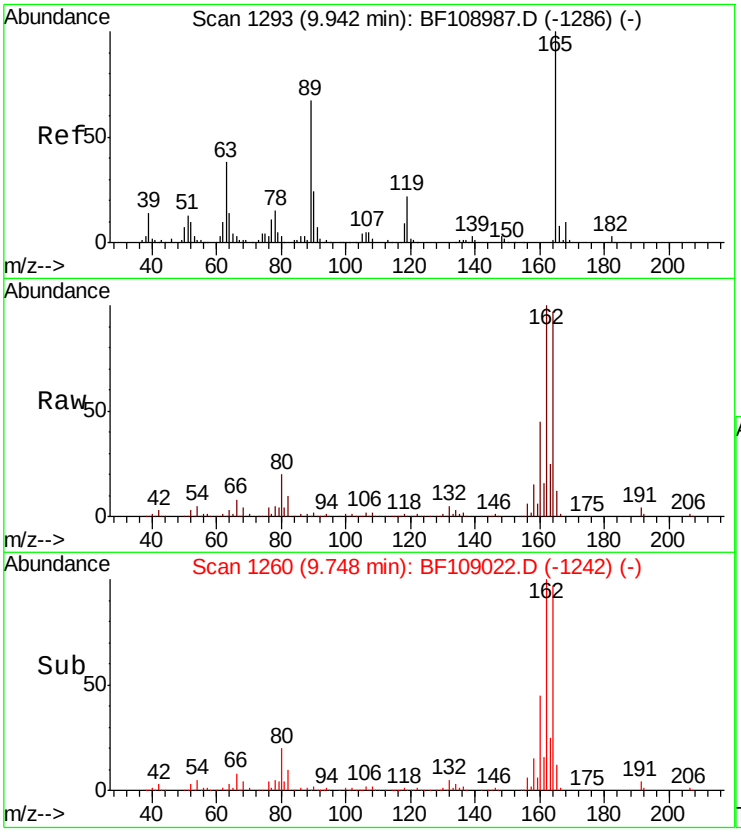


#49
Dimethylphthalate
Concen: 6.779 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109022.D
Acq: 15 Sep 2018 4:08

Tgt Ion:163 Resp: 130173

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.2	8.2	12.2



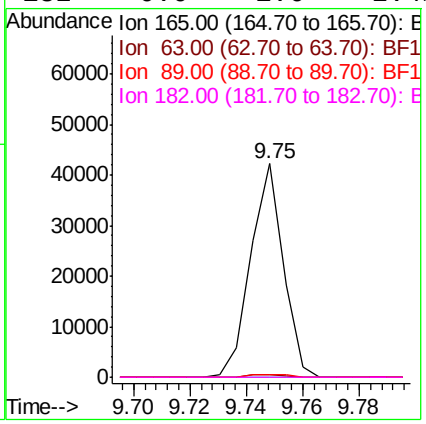


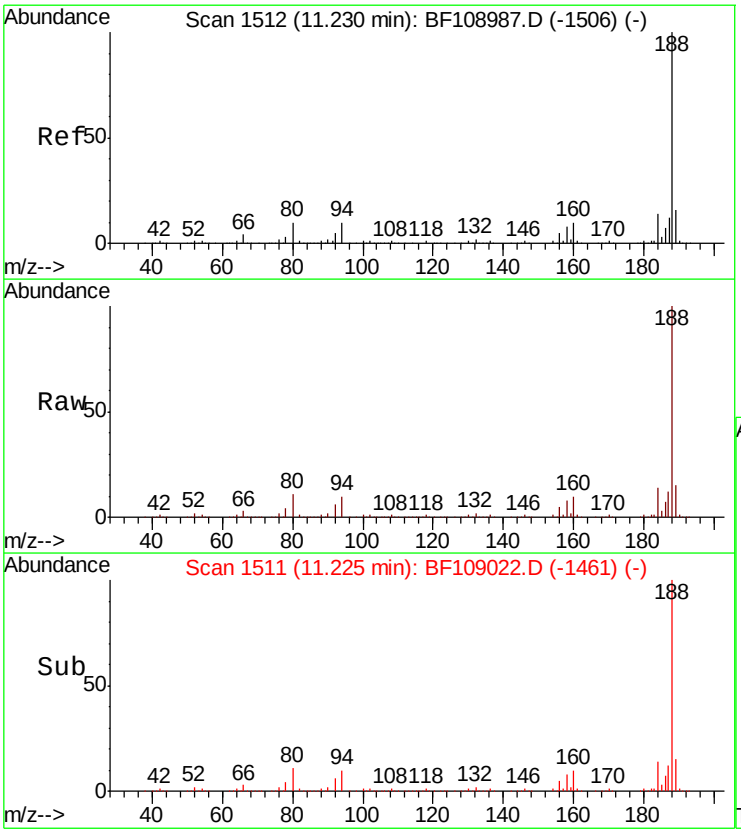
#56
2,4-Dinitrotoluene
Concen: 6.096 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.19 min
Lab File: BF109022.D
Acq: 15 Sep 2018 4:08

Instrument :
BNA_F
ClientSampleId :
091218-DBRI-F-D-B

Tgt Ion:165 Resp: 33951

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

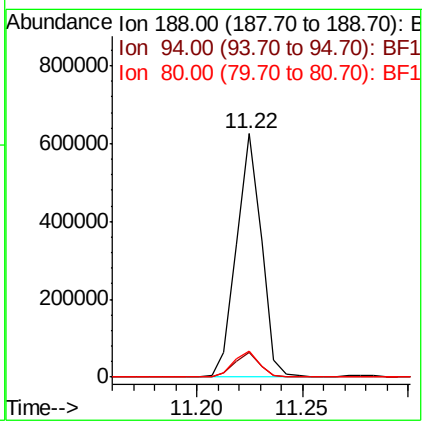


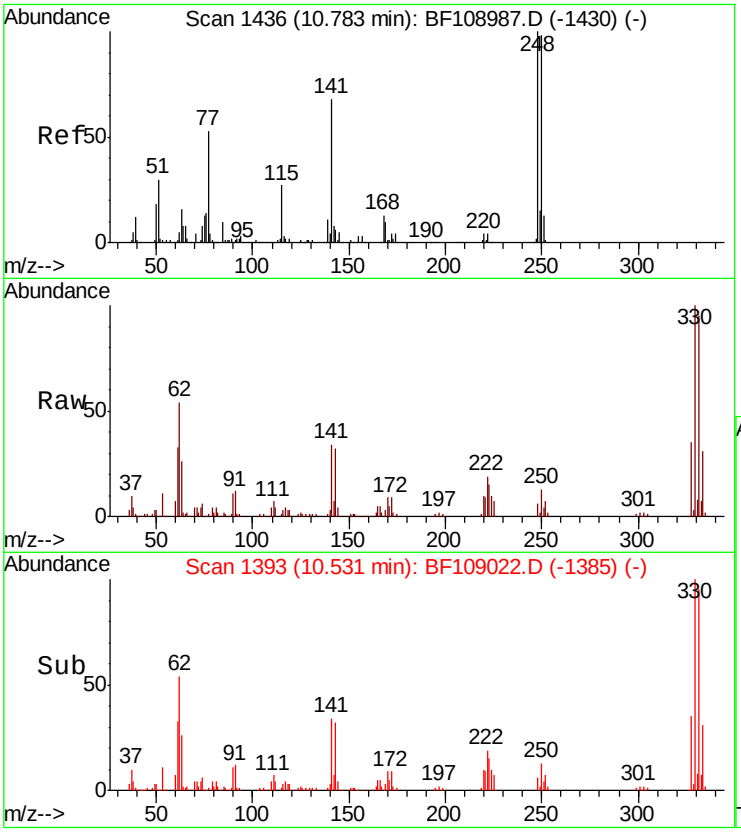


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109022.D
Acq: 15 Sep 2018 4:08

Tgt Ion:188 Resp: 507864

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.8	9.2	13.8



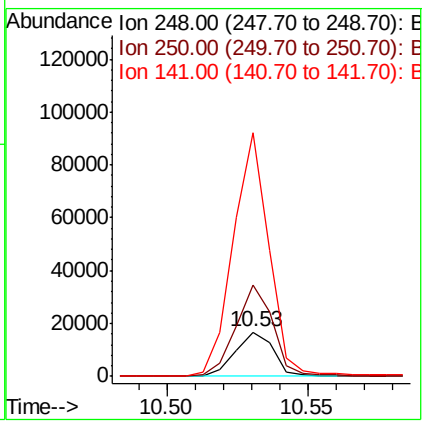


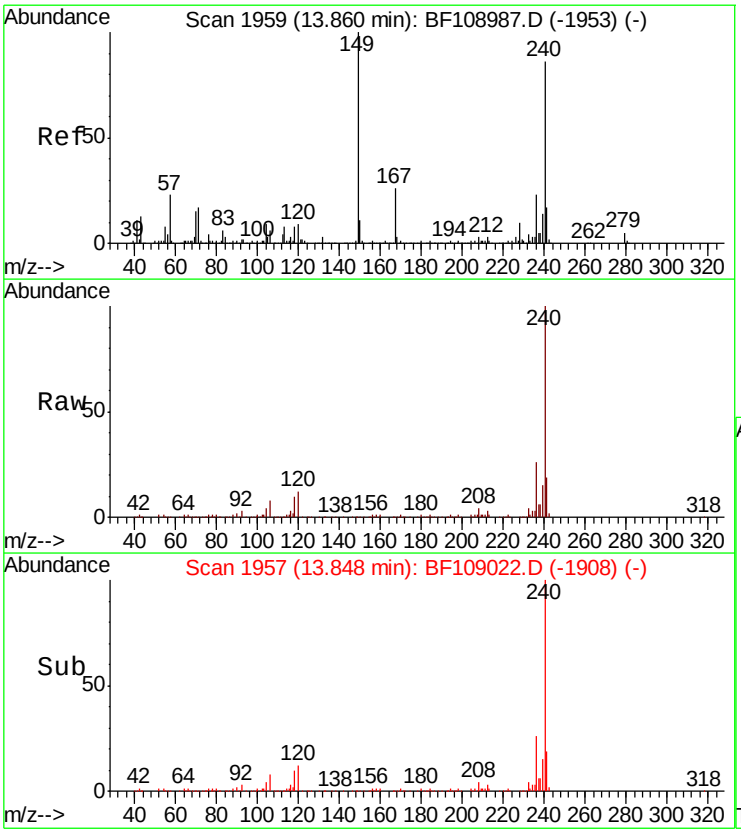
#66
4-Bromophenyl-phenylether
Concen: 2.720 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.25 min
Lab File: BF109022.D
Acq: 15 Sep 2018 4:08

Instrument :
BNA_F
ClientSampleId :
091218-DBRI-F-D-B

Tgt Ion:248 Resp: 15575

Ion	Ratio	Lower	Upper
248	100		
250	206.1	76.9	115.3#
141	546.3	74.4	111.6#

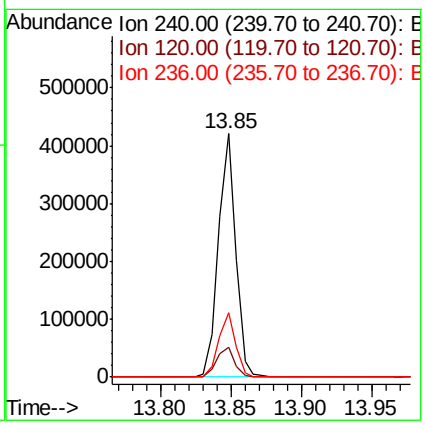


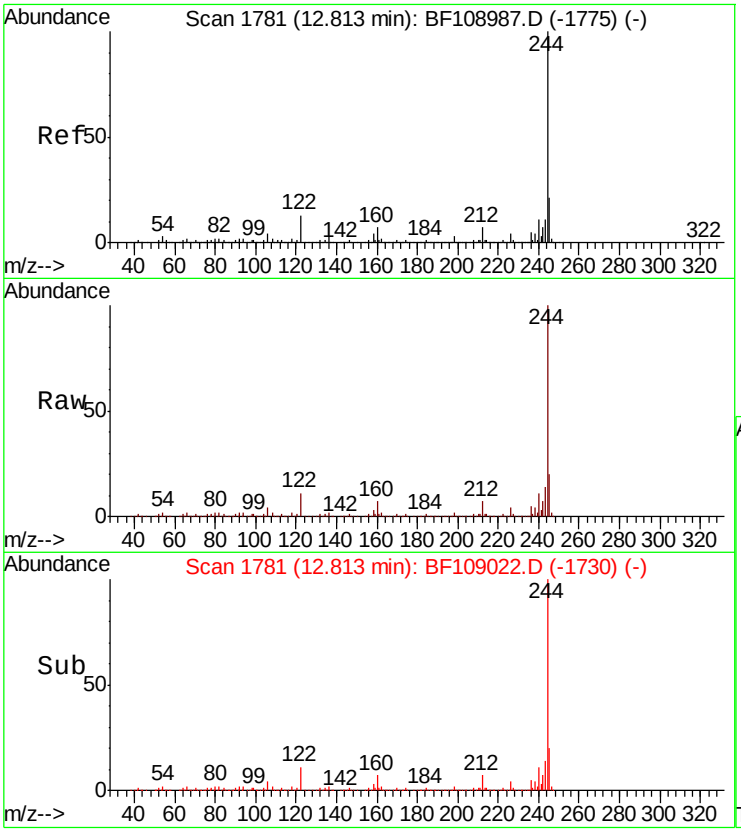


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109022.D
Acq: 15 Sep 2018 4:08

Tgt Ion:240 Resp: 360059

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	26.2	20.7	31.1



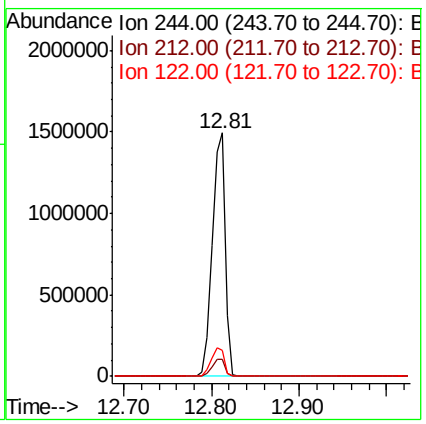


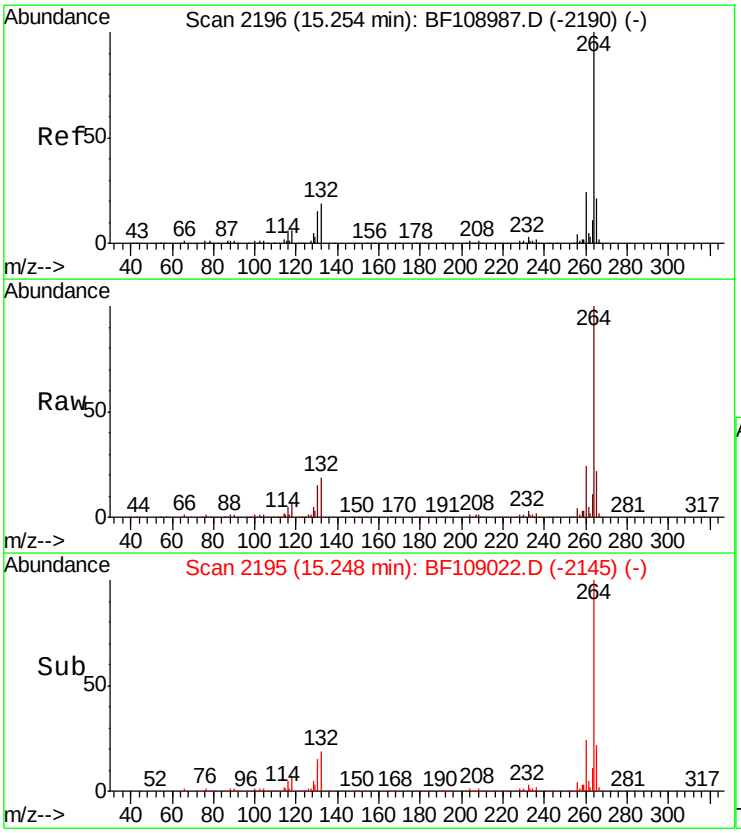
#78
Terphenyl-d14
Concen: 101.304 ng
RT: 12.81 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BF109022.D
Acq: 15 Sep 2018 4:08

Instrument :
BNA_F
ClientSampleId :
091218-DBRI-F-D-B

Tgt Ion:244 Resp: 1538881

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.0	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF109022.D
Acq: 15 Sep 2018 4:08

Tgt Ion:264 Resp: 375893

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.2	17.5	26.3