Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
Data File : BF118271.D
Acq On : 18 Dec 2019 20:58
Operator : JU
Sample : K6357-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 19 03:11:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	94575	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	368836	20.00	ng		-0.01
39) Acenaphthene-d10	9.91	164	190478	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	362066	20.00	ng		0.00
76) Chrysene-d12	14.06	240	227959	20.00	ng		-0.01
87) Perylene-d12	15.54	264	218291	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	780201	144.49	ng		0.00
7) Phenol-d6	6.49	99	990076	151.59	ng		0.00
23) Nitrobenzene-d5	7.42	82	586918	89.52	ng		-0.02
42) 2,4,6-Tribromophenol	10.70	330	323140	139.65	ng		-0.01
45) 2-Fluorobiphenyl	9.23	172	1169487	93.43	ng		-0.01
79) Terphenyl-d14	12.99	244	1296470	97.80	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	1649	Below Cal		#	1
10) Phenol	6.50	94	25293	3.396	ng		97
15) Benzyl Alcohol	7.02	79	10310	2.022	ng	#	47
19) n-Nitroso-di-n-propylamine	7.42	70	78952	19.894	ng	#	77
25) Isophorone	7.42	82	586911	52.808	ng	#	62
50) Dimethylphthalate	9.62	163	78033	5.546	ng		99
51) 2,6-Dinitrotoluene	9.90	165	23756	7.765	ng	#	27
57) 2,4-Dinitrotoluene	9.90	165	23756	5.818	ng	#	25
67) 4-Bromophenyl-phenylether	10.70	248	20720	5.013	ng	#	1
77) Benzidine	12.99	184	17133	2.855	ng	#	94

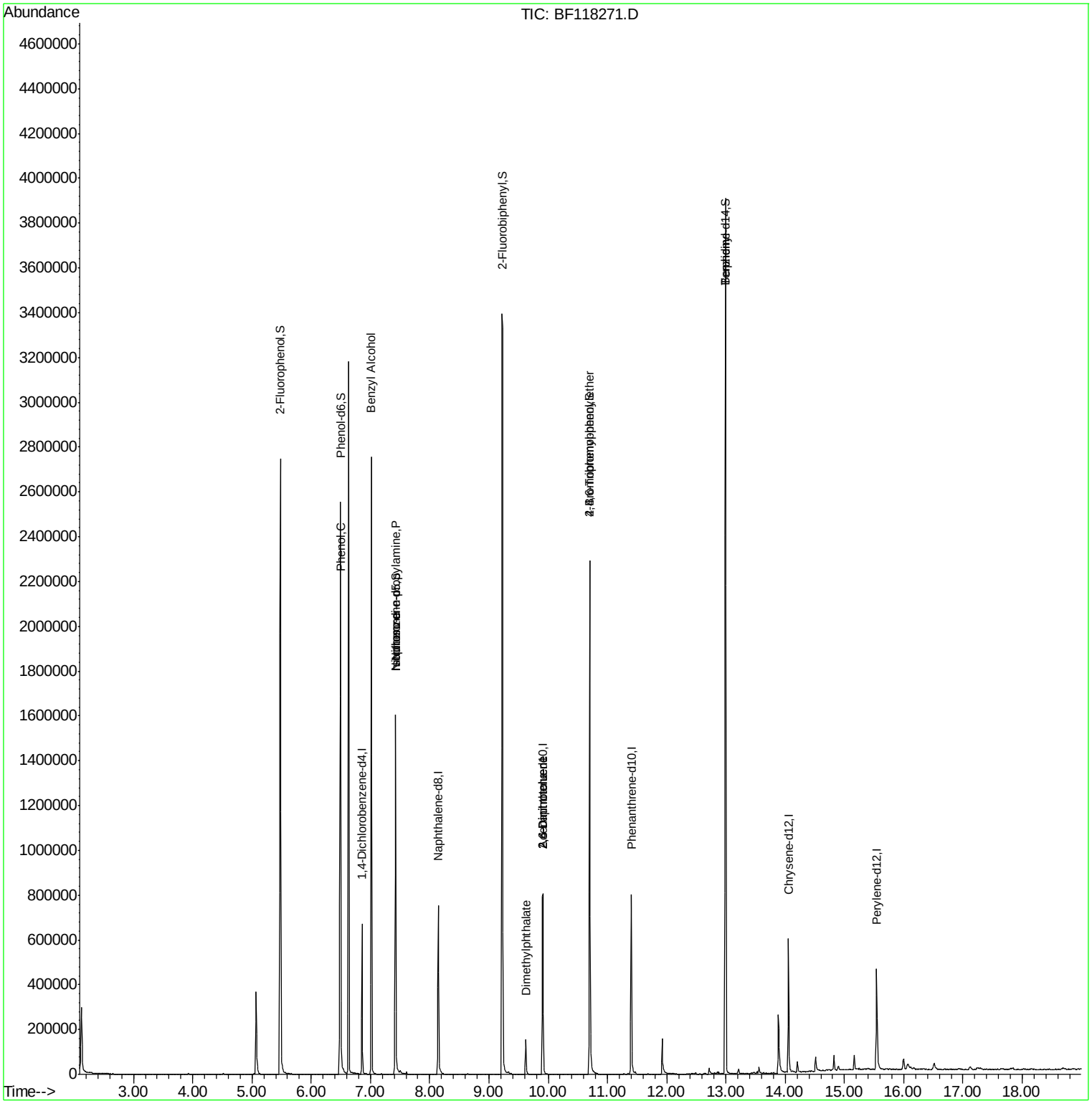
(#) = qualifier out of range (m) = manual integration (+) = signals summed

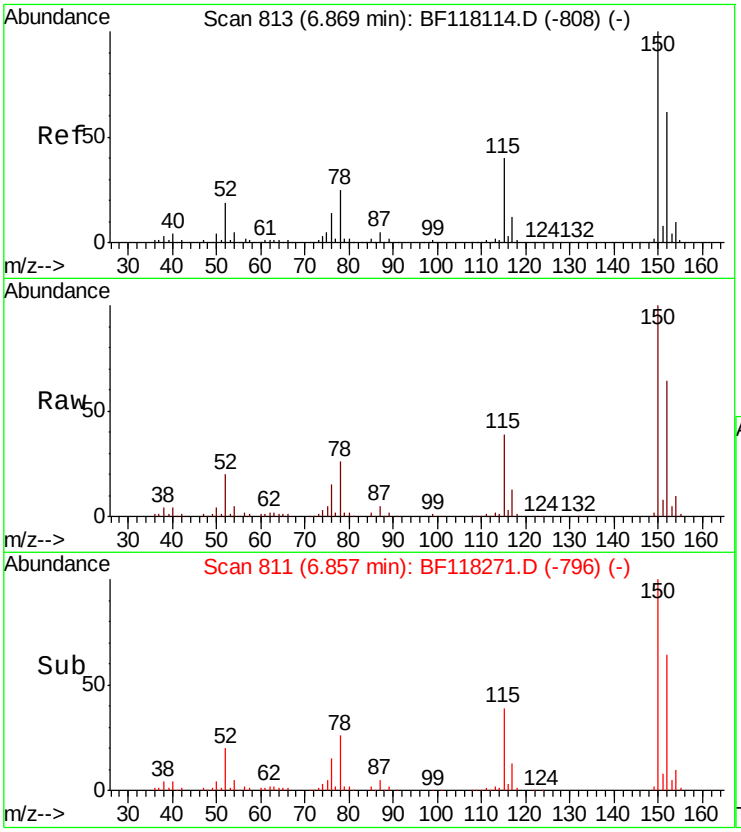
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
Data File : BF118271.D
Acq On : 18 Dec 2019 20:58
Operator : JU
Sample : K6357-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 19 03:11:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration



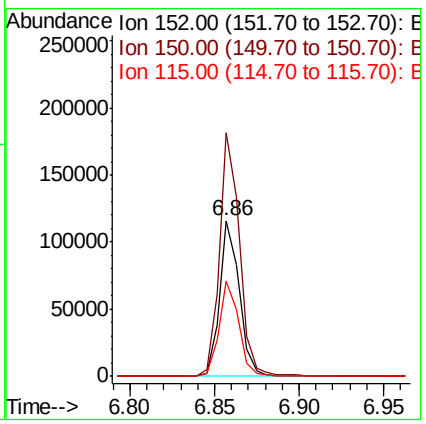


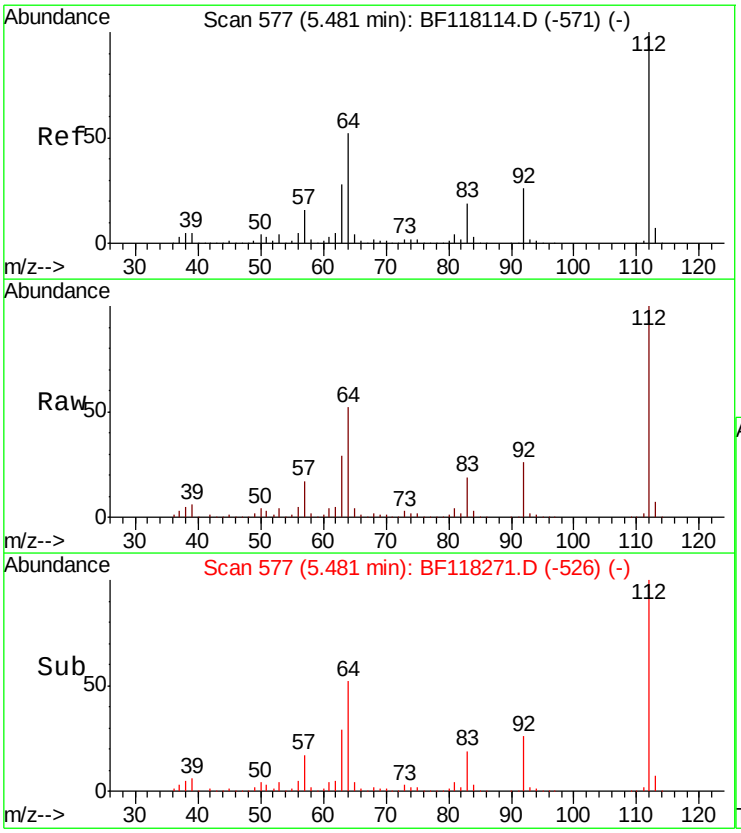
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118271.D
Acq: 18 Dec 2019 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 94575

Ion	Ratio	Lower	Upper
152	100		
150	156.8	128.3	192.5
115	61.1	51.1	76.7

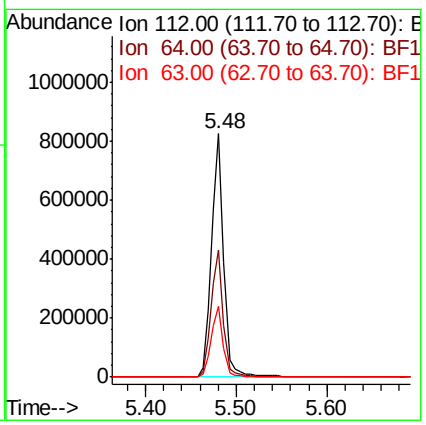


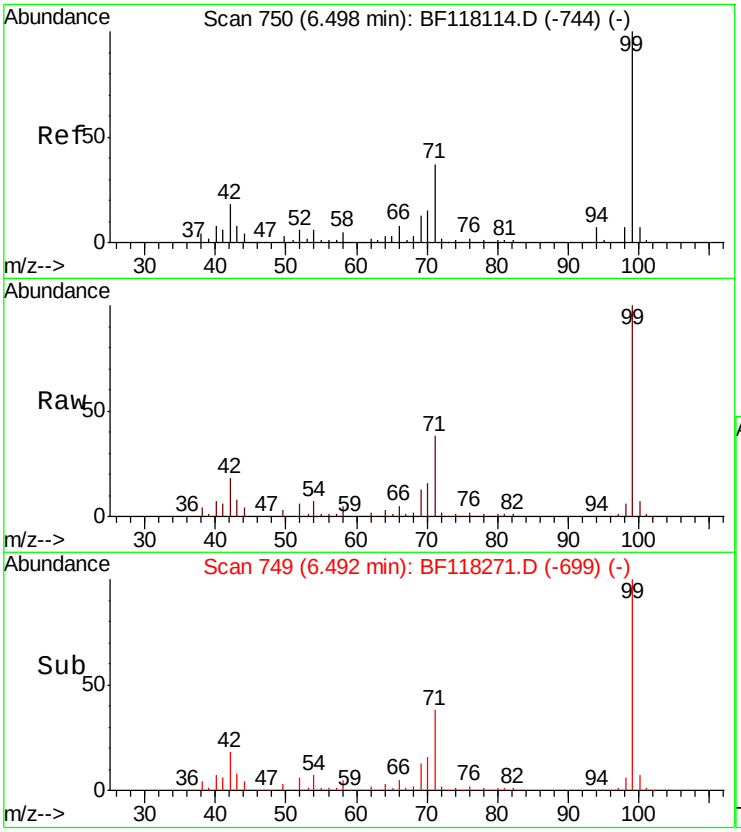


#5
2-Fluorophenol
Concen: 144.488 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF118271.D
Acq: 18 Dec 2019 20:58

Tgt Ion:112 Resp: 780201

Ion	Ratio	Lower	Upper
112	100		
64	52.3	41.3	61.9
63	29.0	22.4	33.6



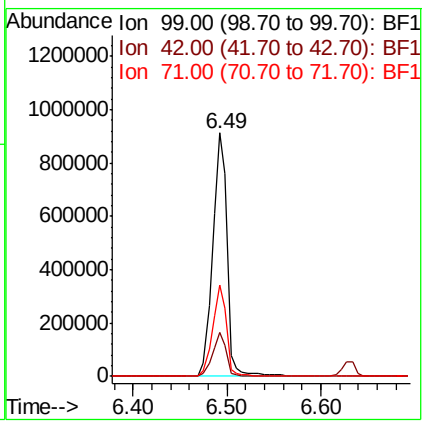


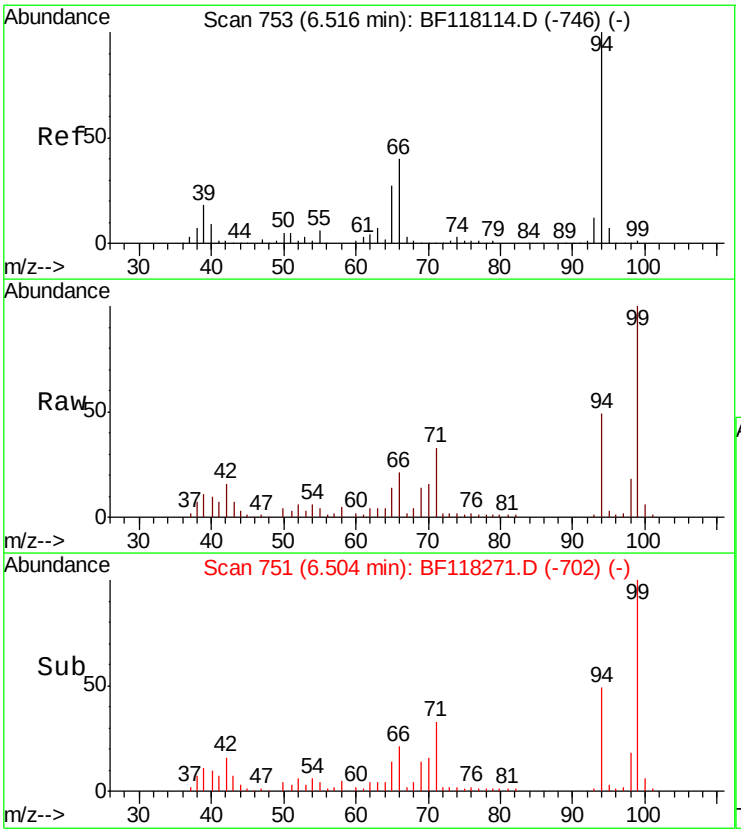
#7
Phenol-d6
Concen: 151.592 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF118271.D
Acq: 18 Dec 2019 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 990076

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.1	21.1
71	37.6	29.7	44.5

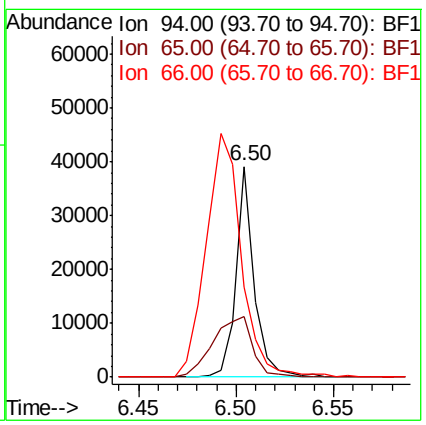


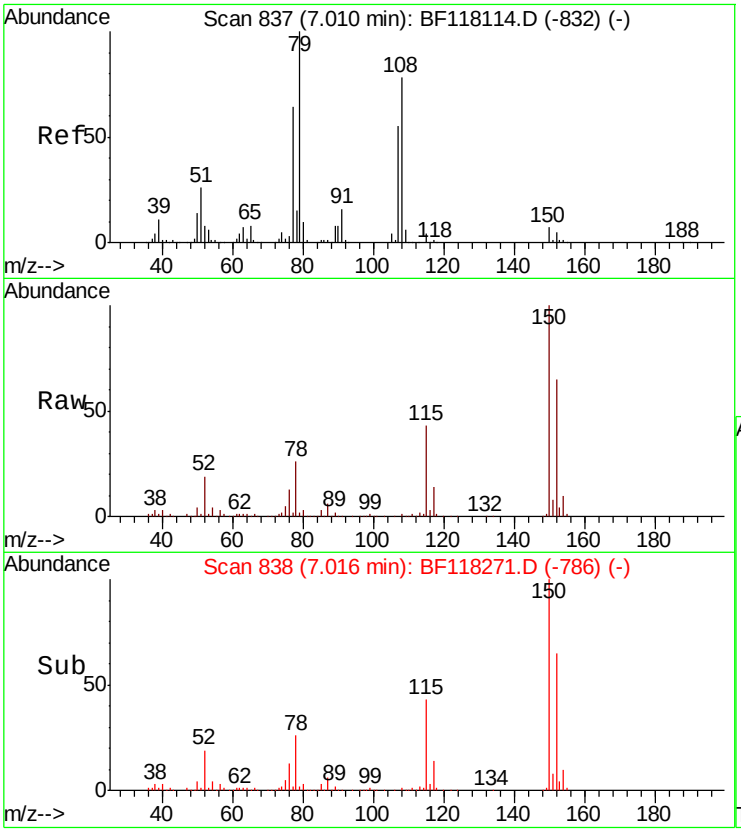


#10
Phenol
Concen: 3.396 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF118271.D
Acq: 18 Dec 2019 20:58

Tgt Ion: 94 Resp: 25293

Ion	Ratio	Lower	Upper
94	100		
65	28.6	7.3	47.3
66	42.7	20.2	60.2



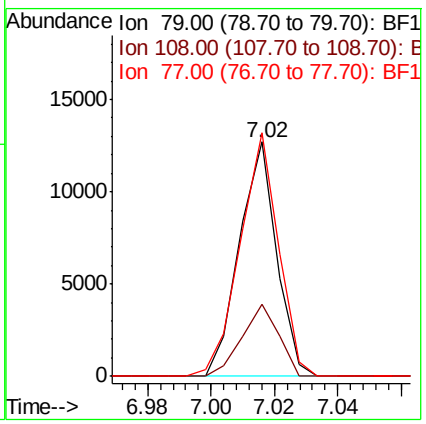


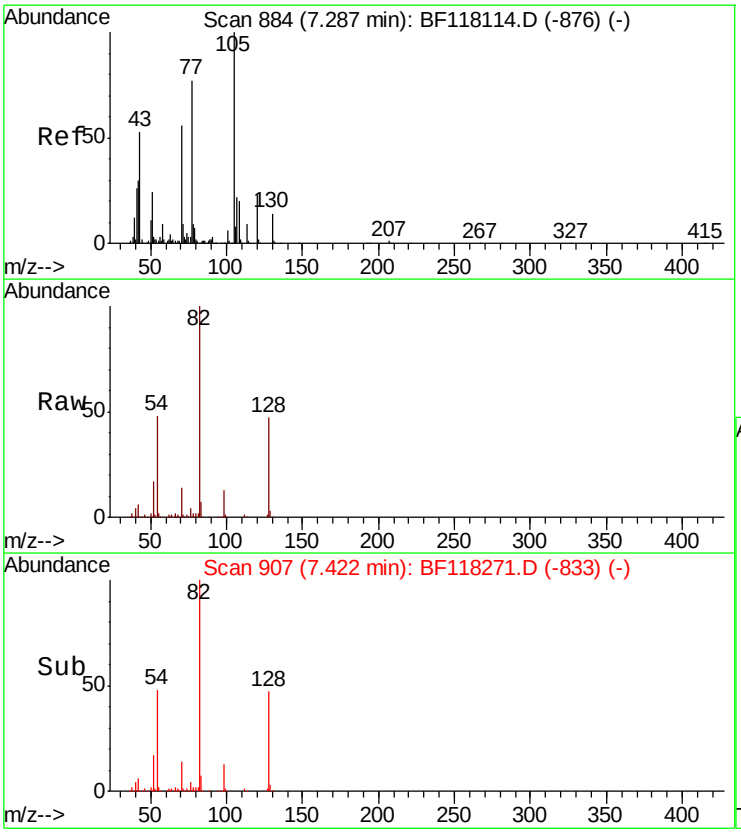
#15
Benzyl Alcohol
Concen: 2.022 ng
RT: 7.02 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF118271.D
Acq: 18 Dec 2019 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 10310

Ion	Ratio	Lower	Upper
79	100		
108	30.6	62.7	94.1#
77	103.9	51.4	77.2#

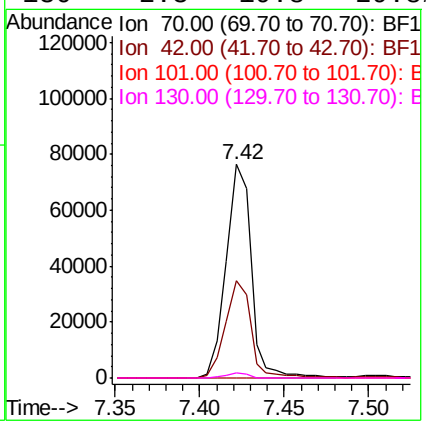


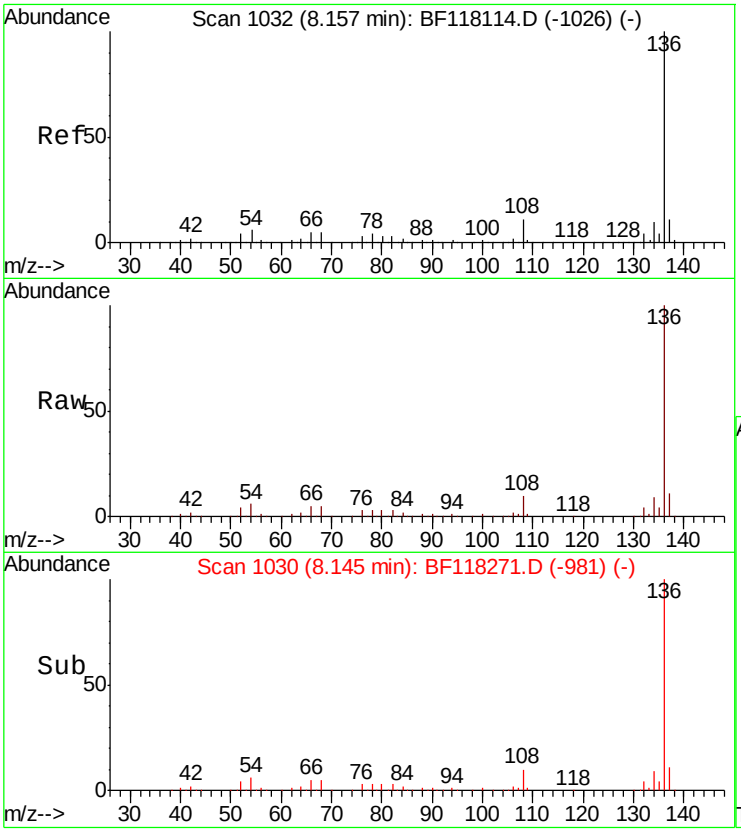


#19
n-Nitroso-di-n-propylamine
Concen: 19.894 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF118271.D
Acq: 18 Dec 2019 20:58

Tgt Ion: 70 Resp: 78952

Ion	Ratio	Lower	Upper
70	100		
42	45.7	43.2	64.8
101	0.0	8.1	12.1#
130	2.3	19.8	29.8#



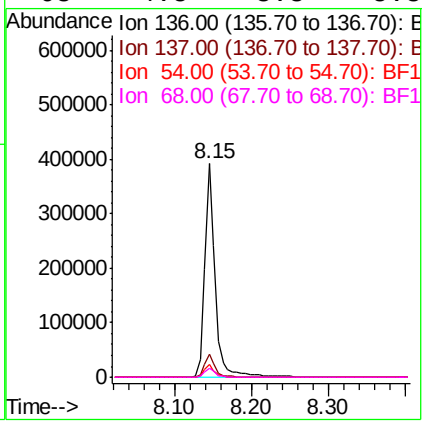


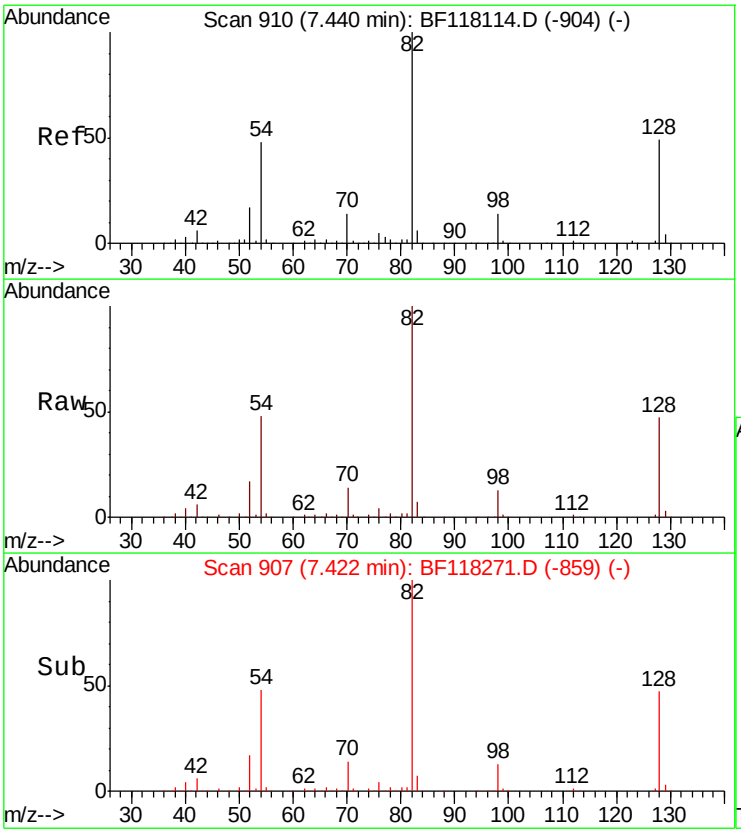
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF118271.D
Acq: 18 Dec 2019 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 368836

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	5.8	5.0	7.6
68	4.5	3.8	5.8

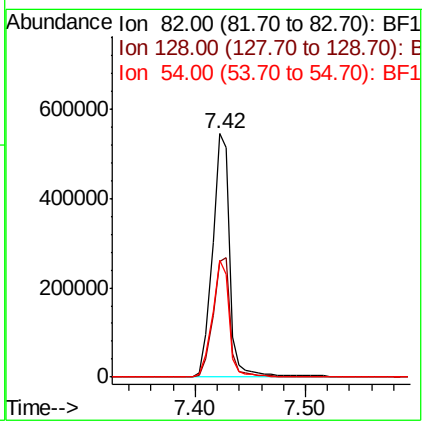


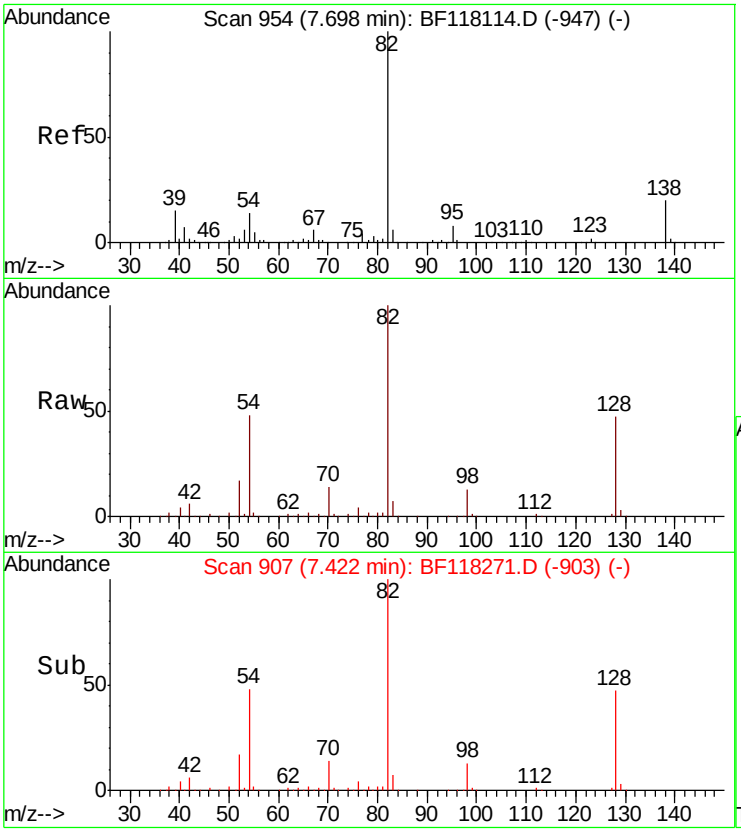


#23
Nitrobenzene-d5
Concen: 89.521 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118271.D
Acq: 18 Dec 2019 20:58

Tgt Ion: 82 Resp: 586918

Ion	Ratio	Lower	Upper
82	100		
128	47.5	39.1	58.7
54	48.0	38.2	57.2



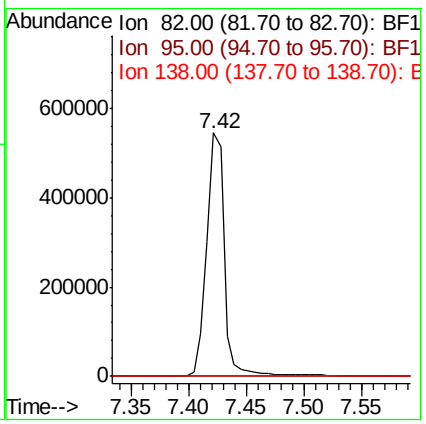


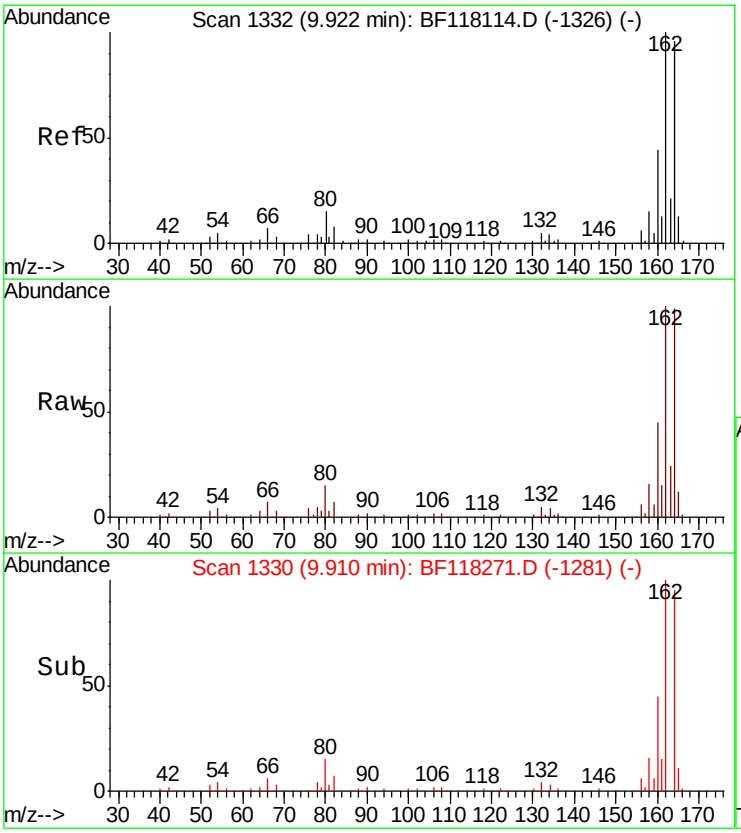
#25
Isophorone
Concen: 52.808 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.28 min
Lab File: BF118271.D
Acq: 18 Dec 2019 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 586911

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.3	9.5#
138	0.0	16.3	24.5#

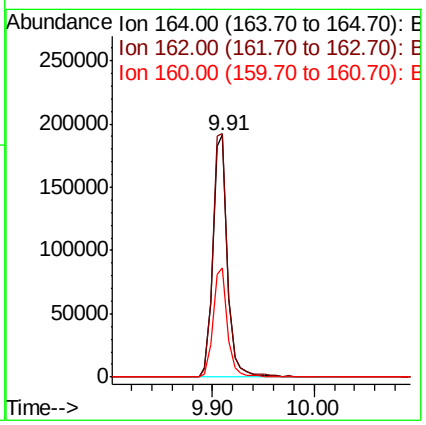


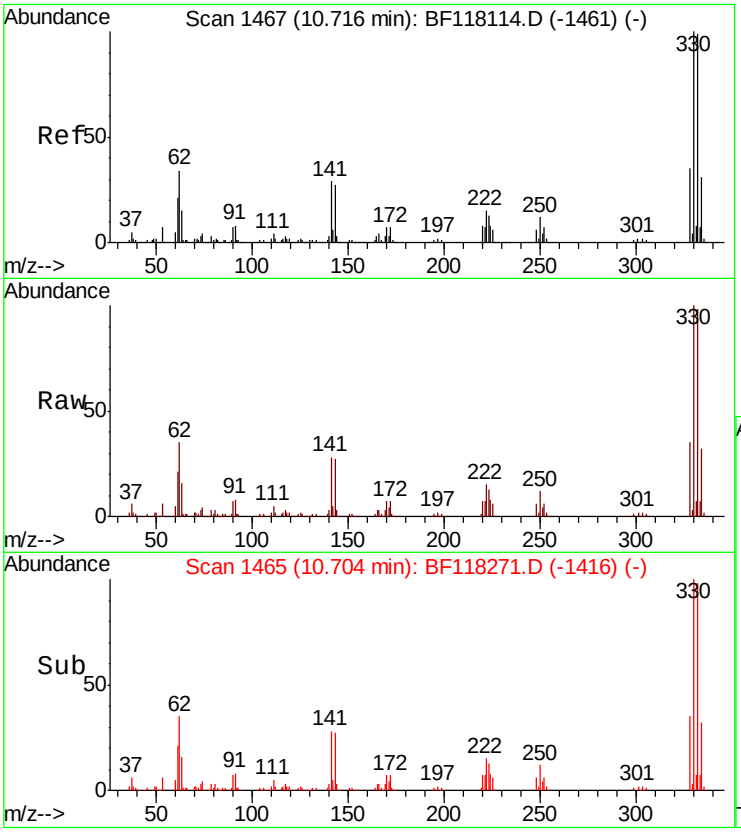


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF118271.D
Acq: 18 Dec 2019 20:58

Tgt Ion:164 Resp: 190478

Ion	Ratio	Lower	Upper
164	100		
162	100.6	83.4	125.0
160	45.2	36.6	54.8



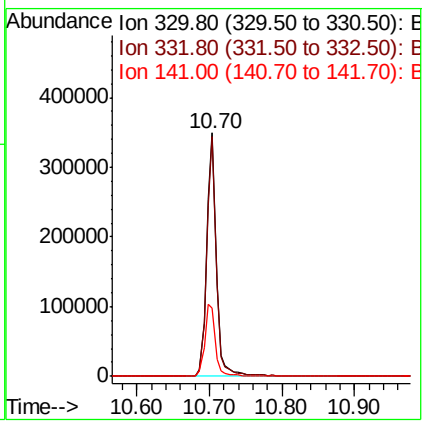


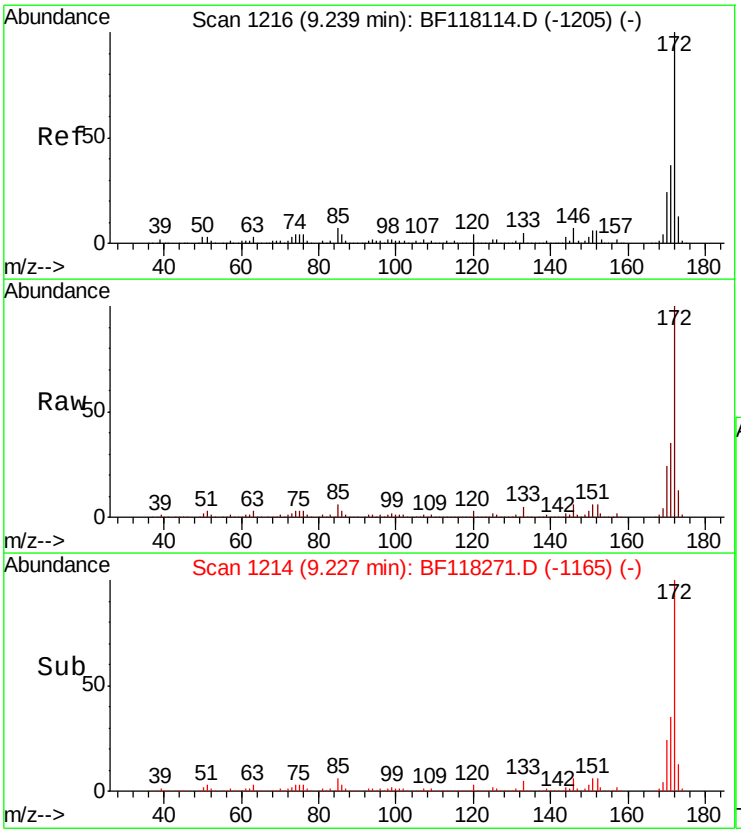
#42
2,4,6-Tribromophenol
Concen: 139.648 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118271.D
Acq: 18 Dec 2019 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 323140

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.1	117.1
141	32.6	26.9	40.3

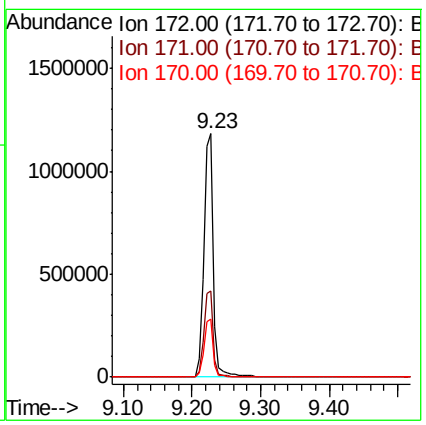


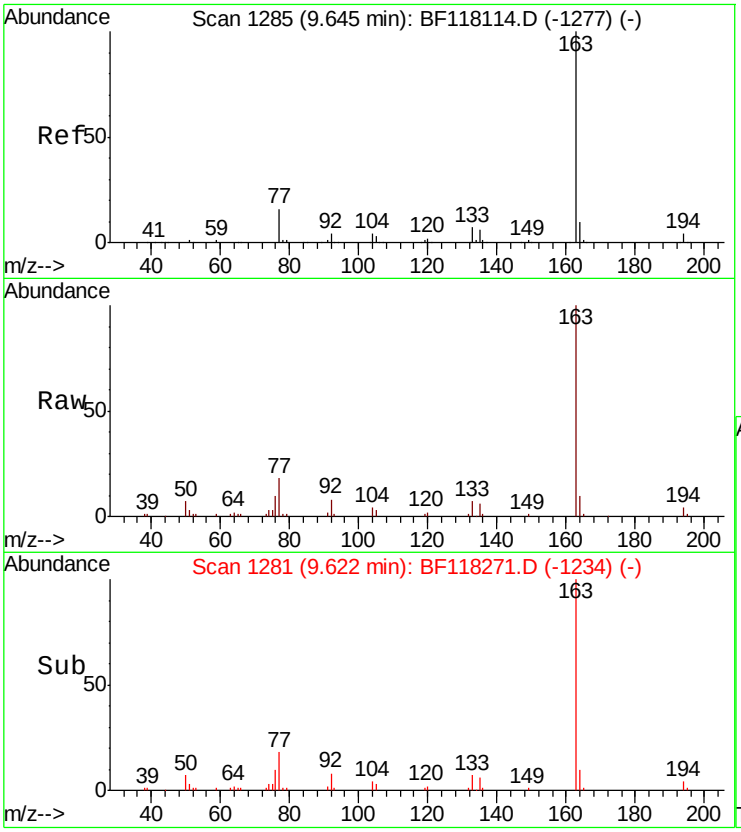


#45
2-Fluorobiphenyl
Concen: 93.425 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118271.D
Acq: 18 Dec 2019 20:58

Tgt Ion:172 Resp: 1169487

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.2	43.8
170	23.6	19.4	29.2

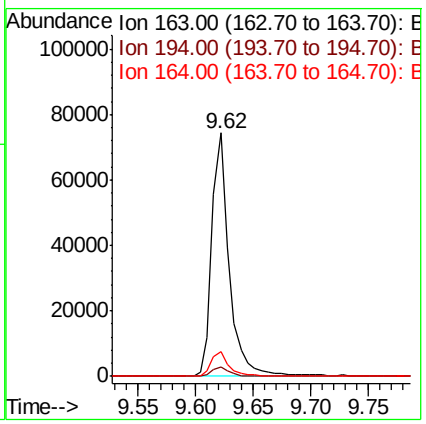




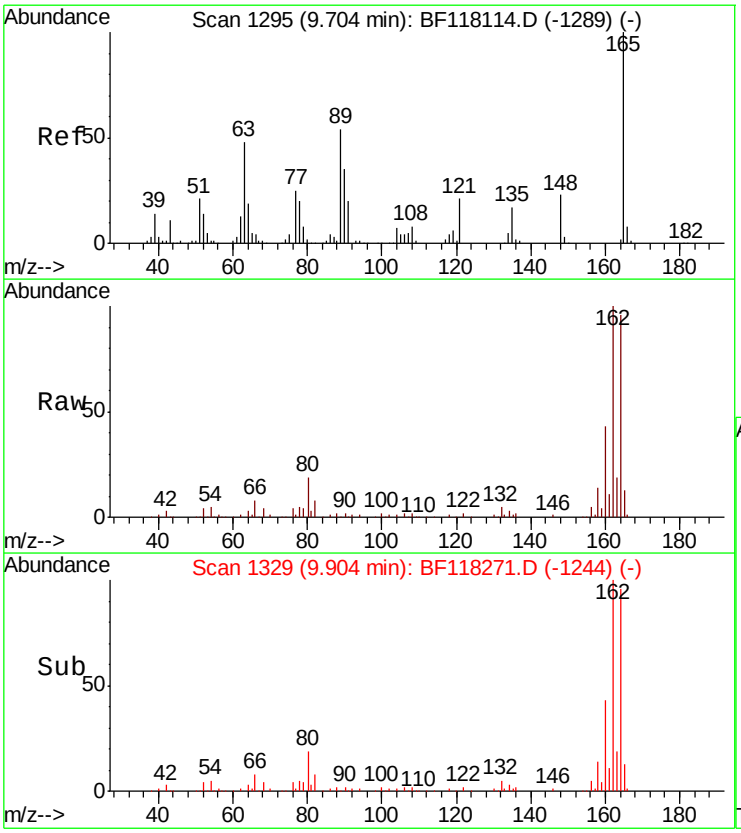
#50
Dimethylphthalate
Concen: 5.546 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118271.D
Acq: 18 Dec 2019 20:58

Tgt Ion:163 Resp: 78033

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.2	7.7	11.5



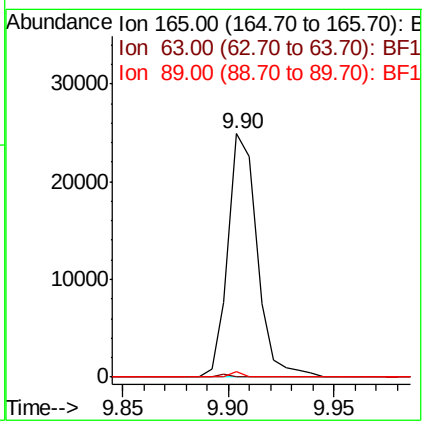
Instrument :
BNA_F
ClientSampleId :

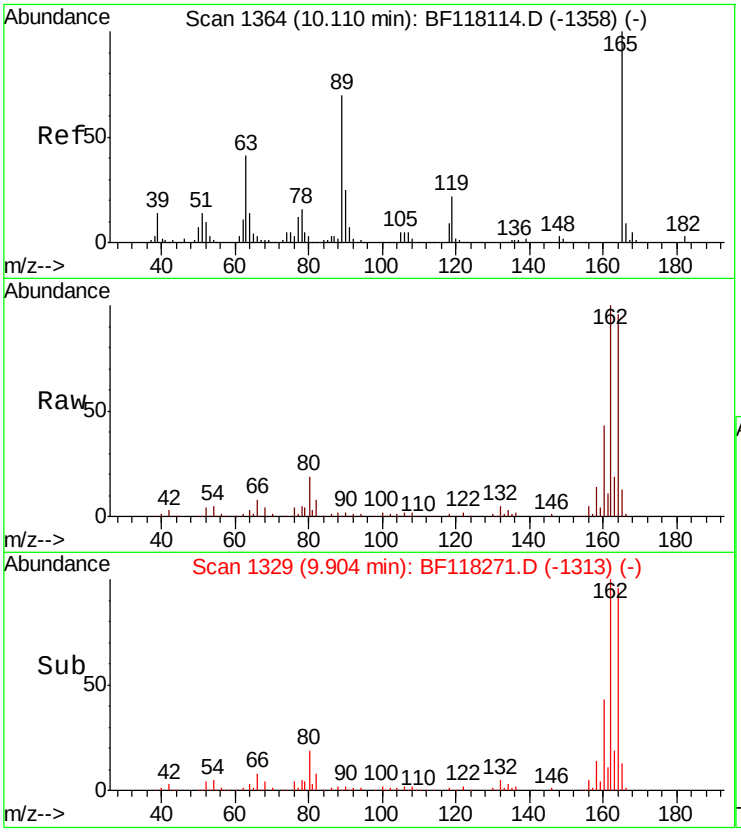


#51
2,6-Dinitrotoluene
Concen: 7.765 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.20 min
Lab File: BF118271.D
Acq: 18 Dec 2019 20:58

Tgt Ion:165 Resp: 23756

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.4	62.0#
89	2.3	42.9	64.3#



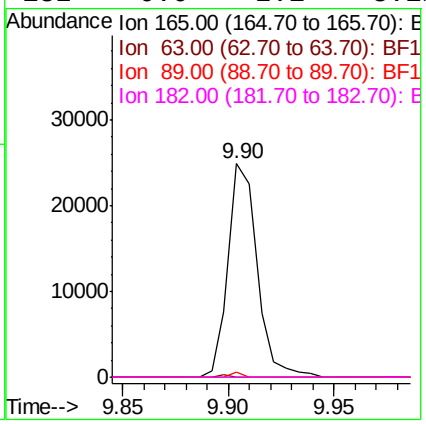


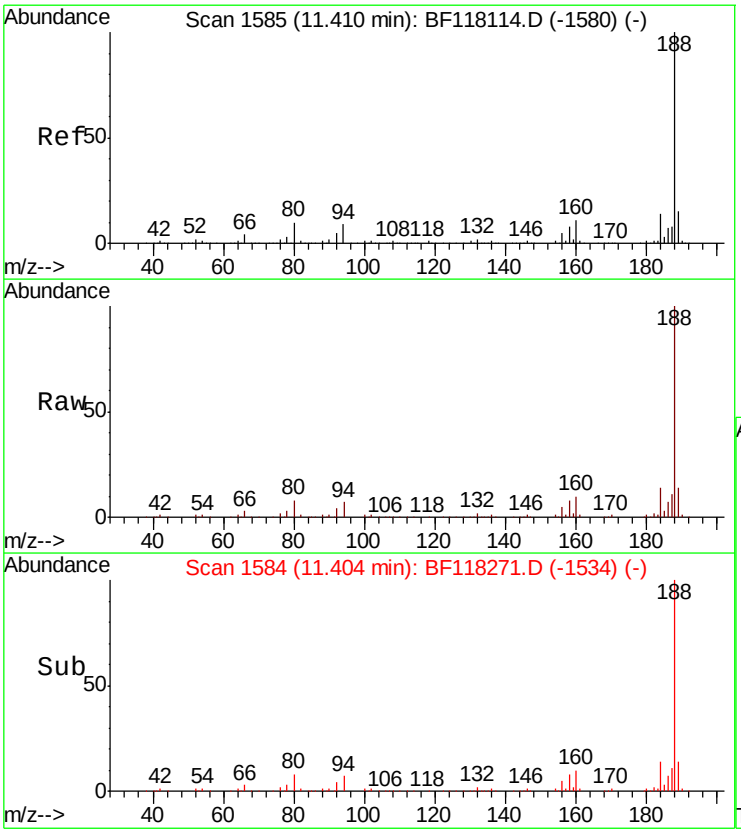
#57
2,4-Dinitrotoluene
Concen: 5.818 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.21 min
Lab File: BF118271.D
Acq: 18 Dec 2019 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 23756

Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.6	49.0#
89	2.3	56.1	84.1#
182	0.0	2.1	3.1#

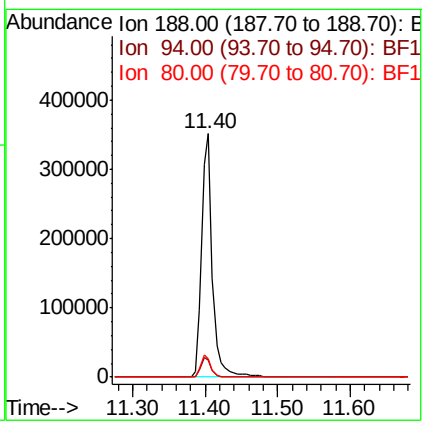


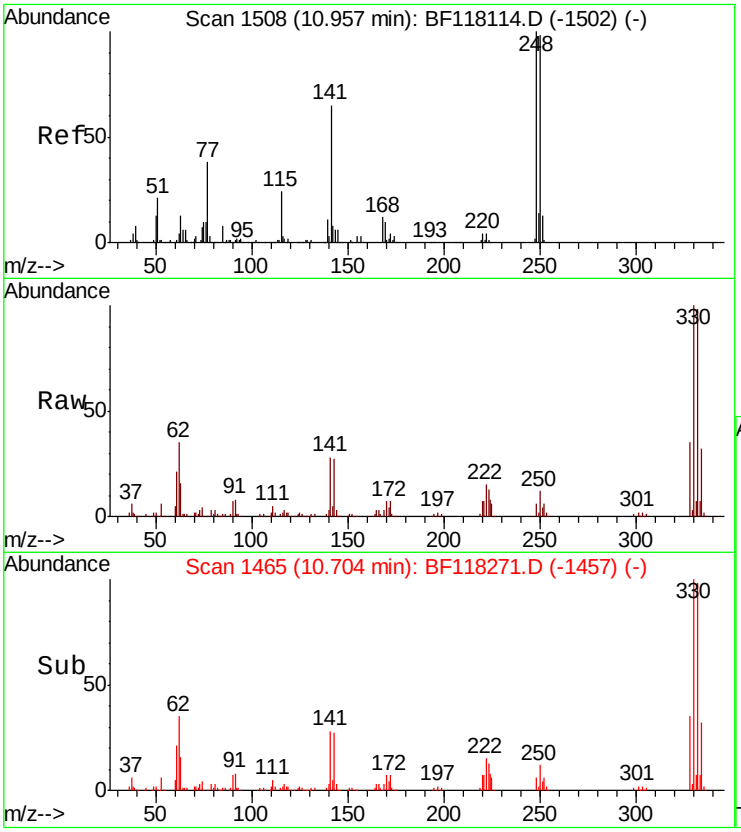


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118271.D
Acq: 18 Dec 2019 20:58

Tgt Ion:188 Resp: 362066

Ion	Ratio	Lower	Upper
188	100		
94	7.0	7.1	10.7#
80	7.6	7.9	11.9#



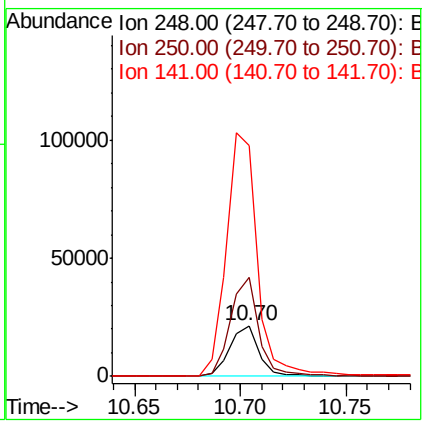


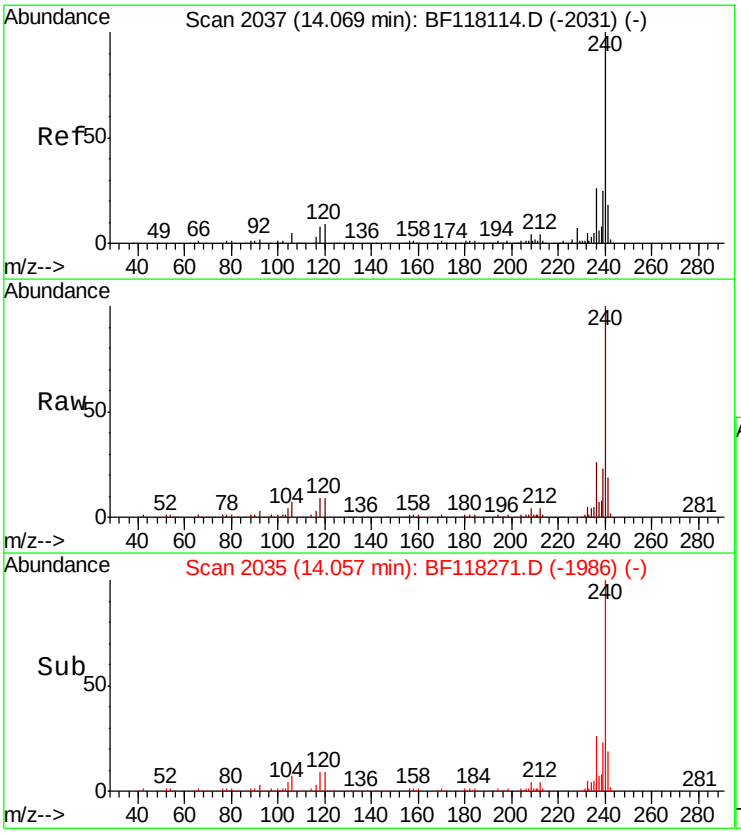
#67
4-Bromophenyl-phenylether
Concen: 5.013 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118271.D
Acq: 18 Dec 2019 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 20720

Ion	Ratio	Lower	Upper
248	100		
250	194.1	78.3	117.5#
141	452.4	52.2	78.4#

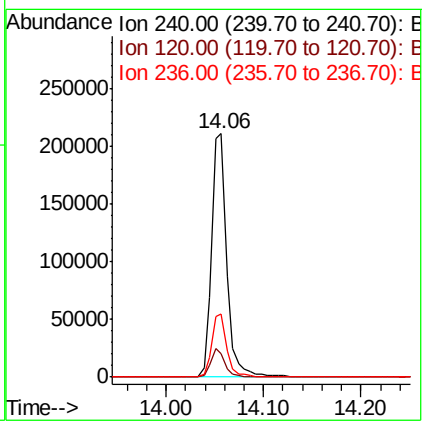


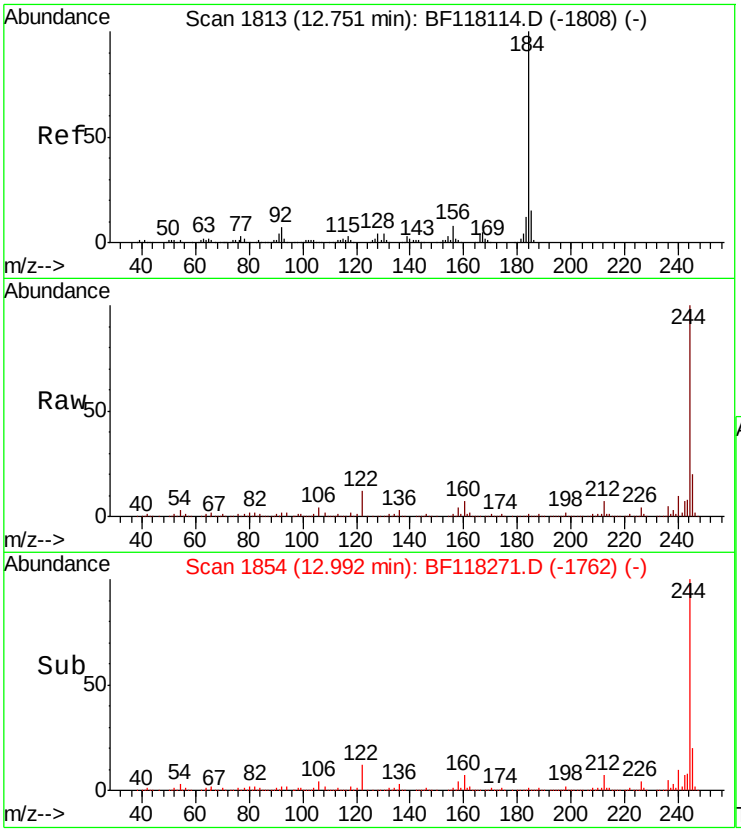


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118271.D
Acq: 18 Dec 2019 20:58

Tgt Ion:240 Resp: 227959

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.1	10.7
236	26.2	21.0	31.6



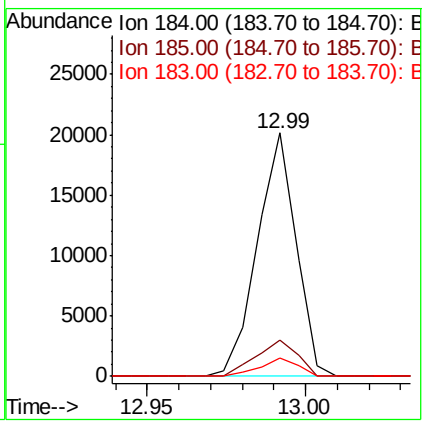


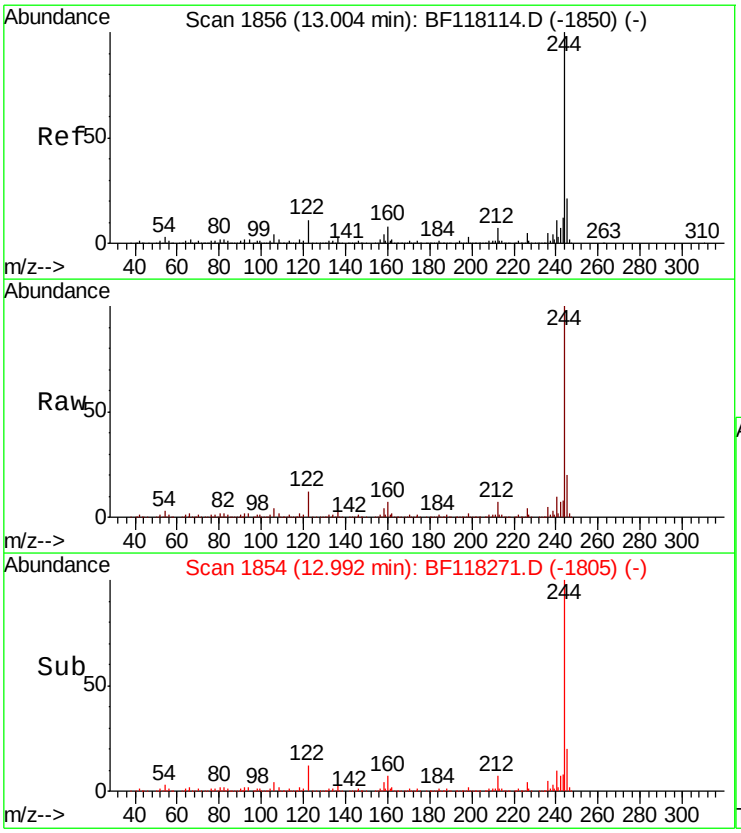
#77
Benzidine
Concen: 2.855 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.24 min
Lab File: BF118271.D
Acq: 18 Dec 2019 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 17133

Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.3	18.5
183	7.5	9.9	14.9#

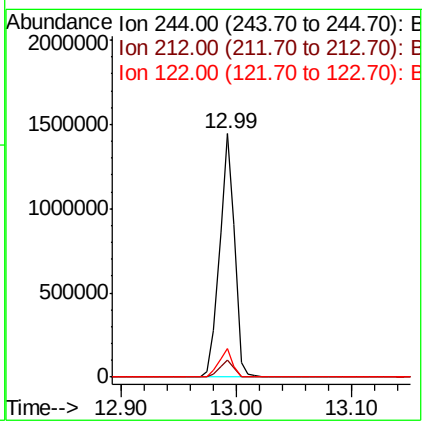


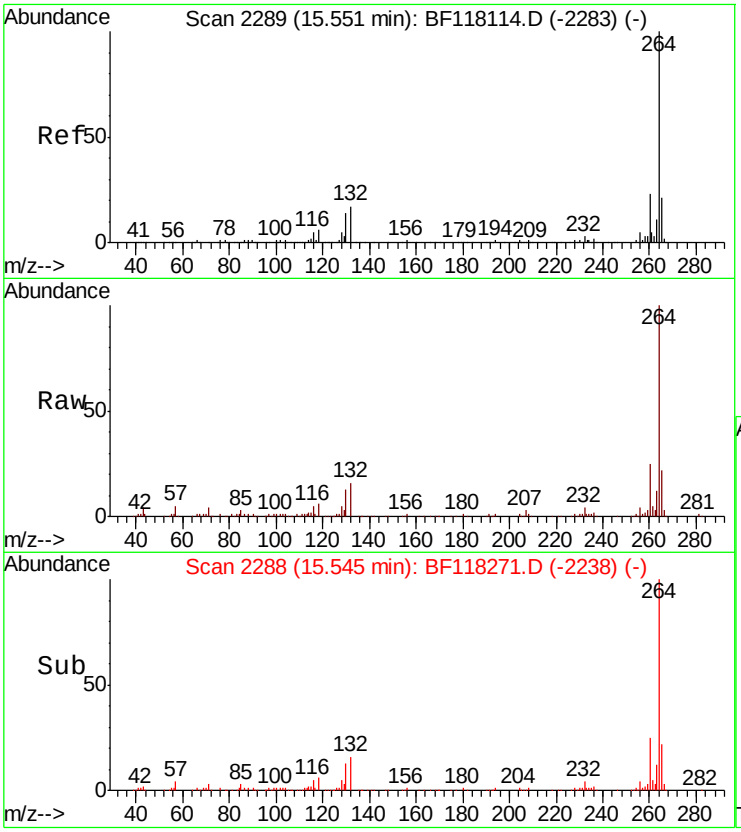


#79
Terphenyl-d14
Concen: 97.800 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF118271.D
Acq: 18 Dec 2019 20:58

Tgt Ion:244 Resp: 1296470

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	11.7	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118271.D
Acq: 18 Dec 2019 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 218291

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	28.0
265	21.9	16.8	25.2