Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
Data File : BF118171.D
Acq On : 10 Dec 2019 19:02
Operator : JU
Sample : K6188-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 11 02:35:23 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	6.87	152	82079	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	295228	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	139253	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	241071	20.00	ng	0.00
76) Chrysene-d12	14.06	240	215161	20.00	ng	0.00
87) Perylene-d12	15.56	264	191903	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	601017	128.25	ng	0.01
7) Phenol-d6	6.50	99	653564	115.30	ng	0.00
23) Nitrobenzene-d5	7.43	82	489654	93.31	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	230251	136.11	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	965306	105.48	ng	0.00
79) Terphenyl-d14	13.00	244	1075429	85.95	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	925	Below Cal	#	1
15) Benzyl Alcohol	7.03	79	9292	2.100	ng	# 48
19) n-Nitroso-di-n-propylamine	7.43	70	67322	19.546	ng	# 76
25) Isophorone	7.43	82	485569	54.582	ng	# 62
51) 2,6-Dinitrotoluene	9.92	165	17254	7.714	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	17254	5.780	ng	# 25
67) 4-Bromophenyl-phenylether	10.71	248	14133	5.136	ng	# 1
77) Benzidine	13.00	184	14423	2.546	ng	# 95

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

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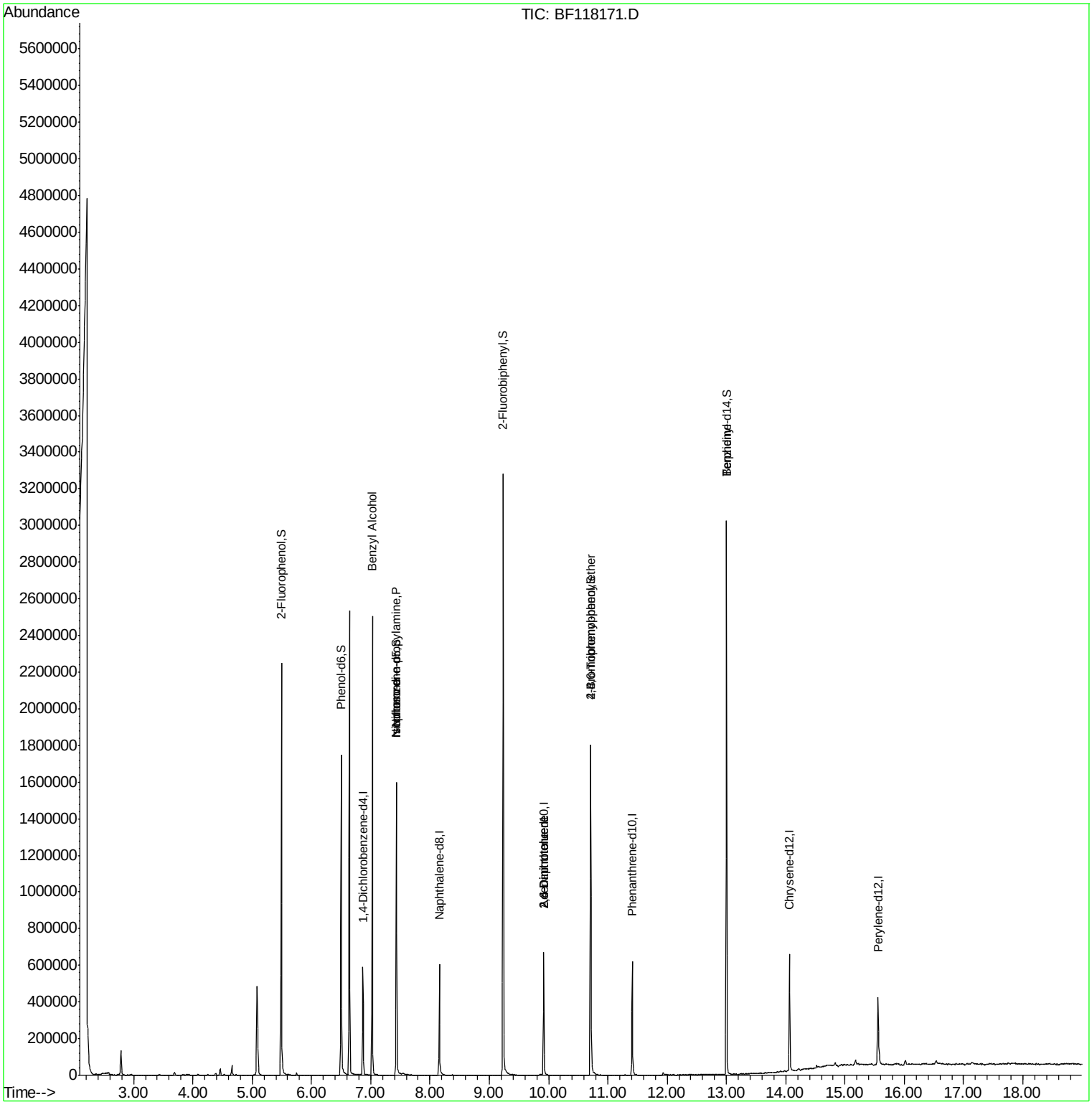
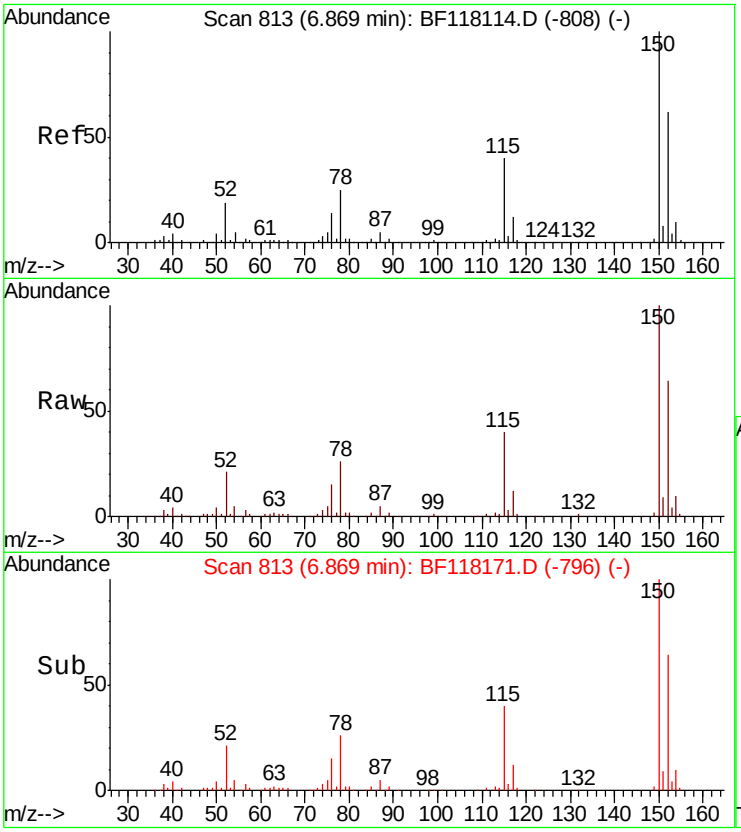


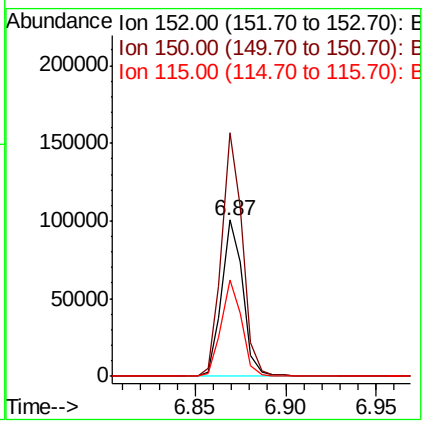


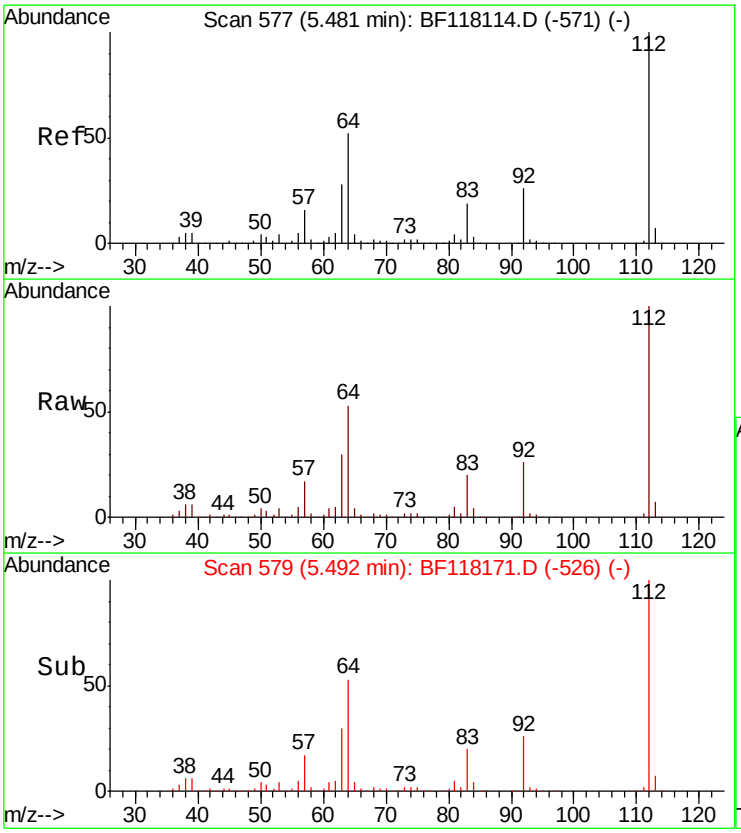
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118171.D
Acq: 10 Dec 2019 19:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 82079

Ion	Ratio	Lower	Upper
152	100		
150	155.5	128.3	192.5
115	62.0	51.1	76.7

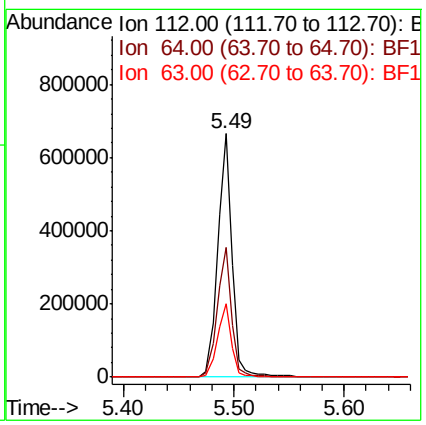


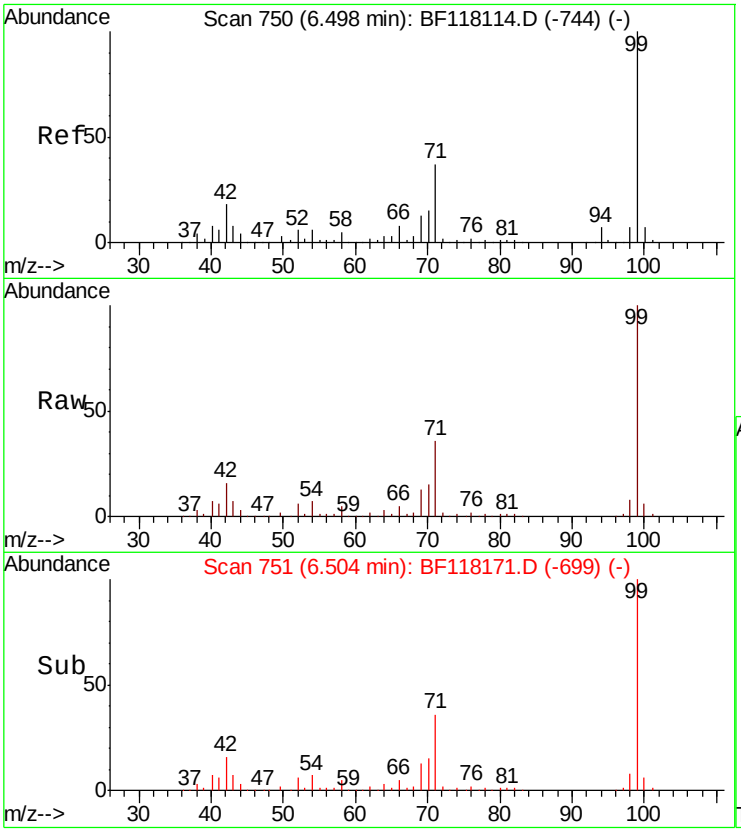


#5
2-Fluorophenol
Concen: 128.250 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF118171.D
Acq: 10 Dec 2019 19:02

Tgt Ion:112 Resp: 601017

Ion	Ratio	Lower	Upper
112	100		
64	53.2	41.3	61.9
63	30.2	22.4	33.6



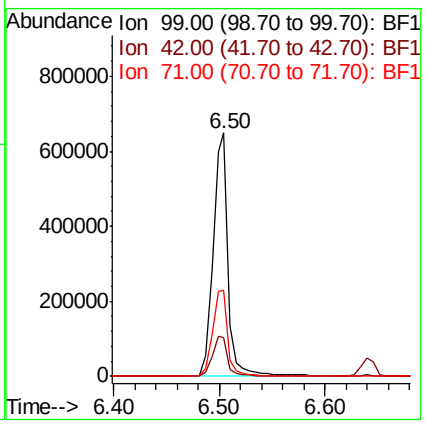


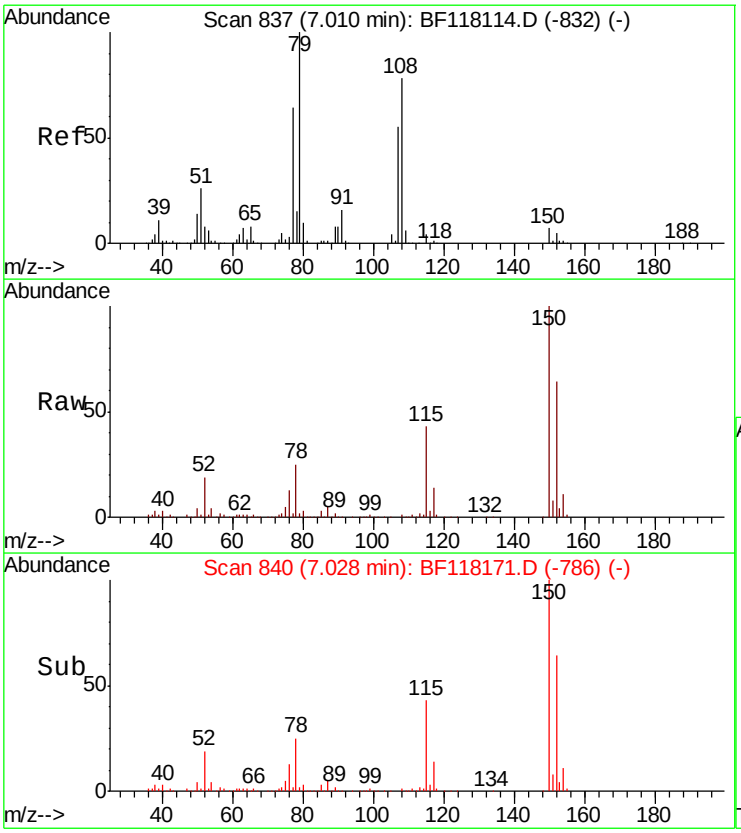
#7
Phenol-d6
Concen: 115.303 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF118171.D
Acq: 10 Dec 2019 19:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 653564

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.1	21.1
71	35.5	29.7	44.5

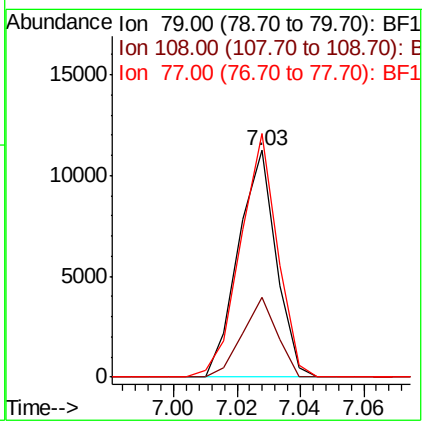


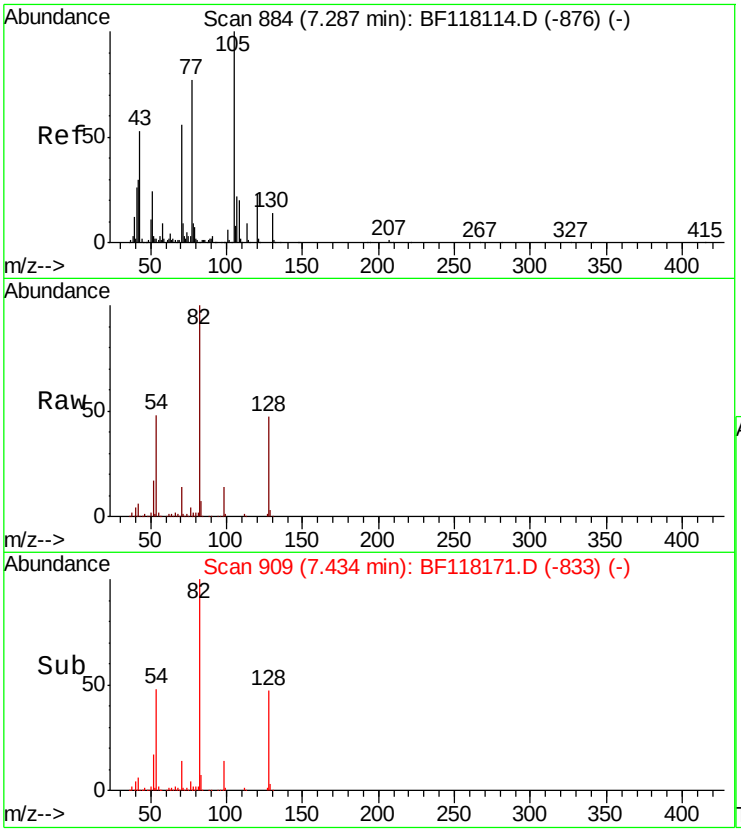


#15
Benzyl Alcohol
Concen: 2.100 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.02 min
Lab File: BF118171.D
Acq: 10 Dec 2019 19:02

Tgt Ion: 79 Resp: 9292

Ion	Ratio	Lower	Upper
79	100		
108	35.0	62.7	94.1#
77	107.4	51.4	77.2#



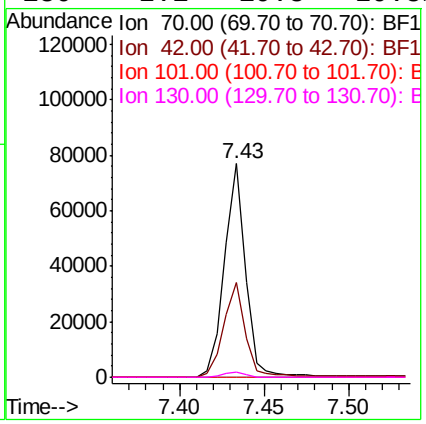


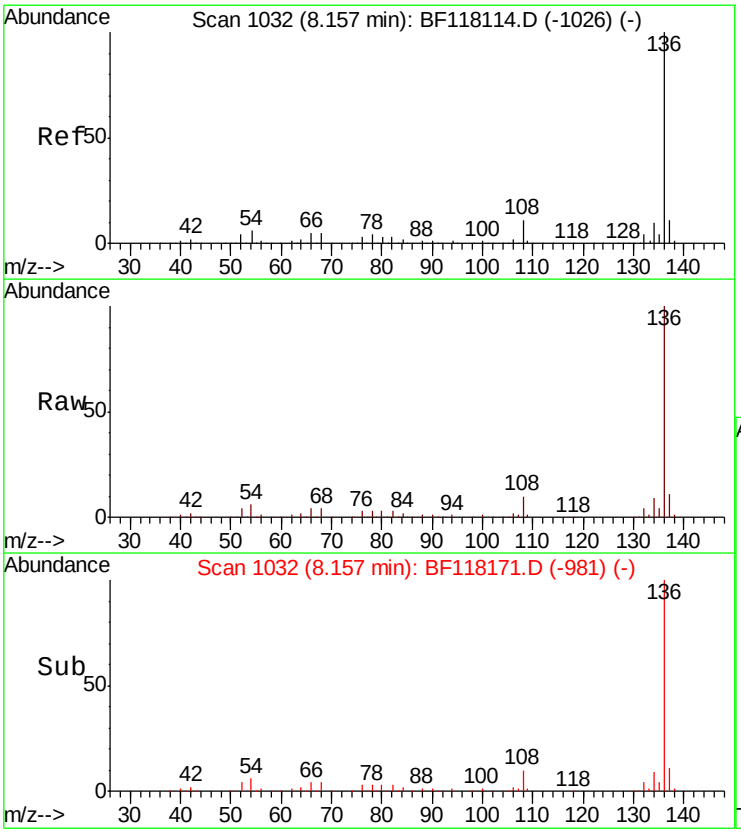
#19
n-Nitroso-di-n-propylamine
Concen: 19.546 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.15 min
Lab File: BF118171.D
Acq: 10 Dec 2019 19:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 67322

Ion	Ratio	Lower	Upper
70	100		
42	44.6	43.2	64.8
101	0.0	8.1	12.1#
130	2.1	19.8	29.8#

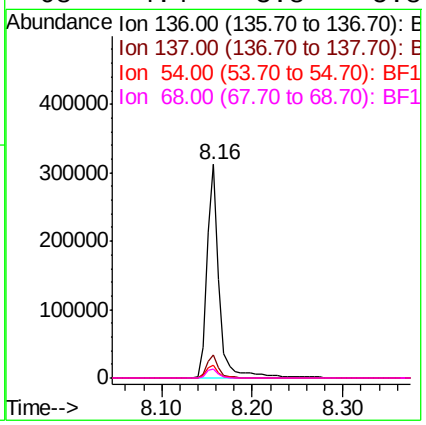


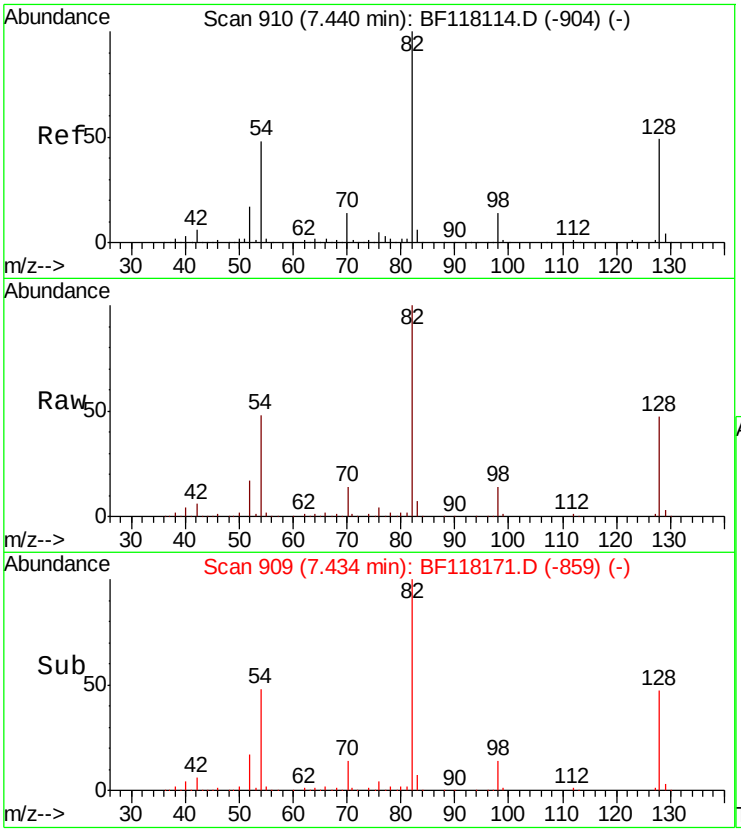


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF118171.D
Acq: 10 Dec 2019 19:02

Tgt Ion:136 Resp: 295228

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	6.1	5.0	7.6
68	4.4	3.8	5.8



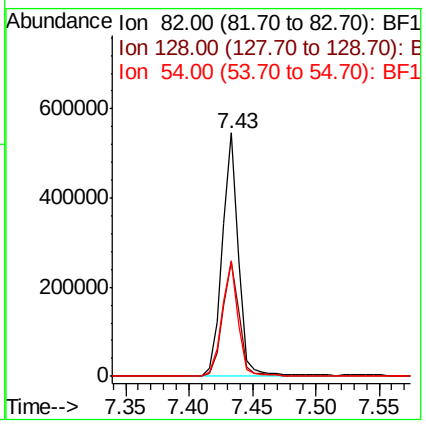


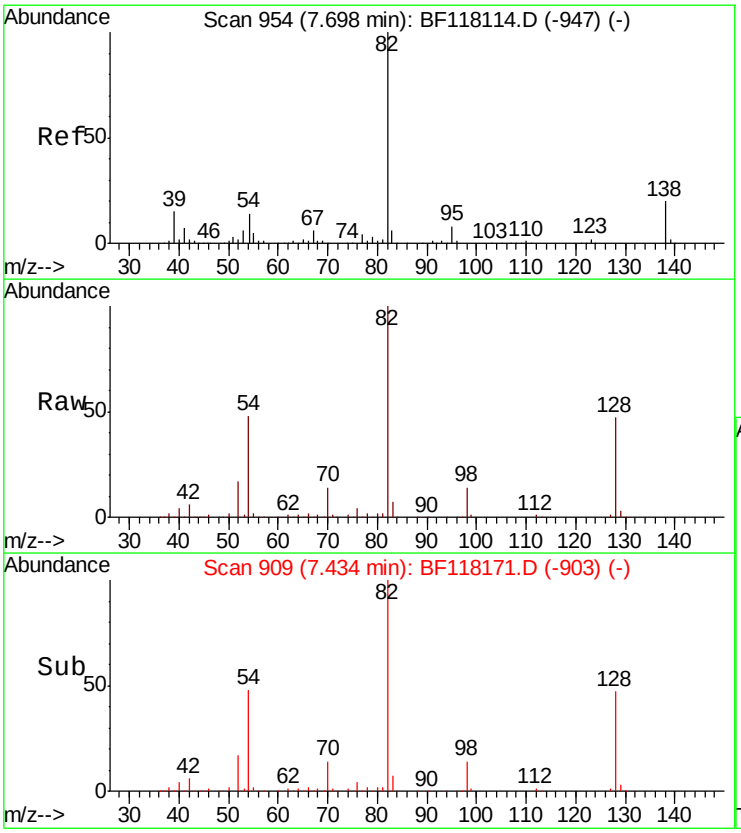
#23
Nitrobenzene-d5
Concen: 93.307 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118171.D
Acq: 10 Dec 2019 19:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 489654

Ion	Ratio	Lower	Upper
82	100		
128	46.9	39.1	58.7
54	47.6	38.2	57.2

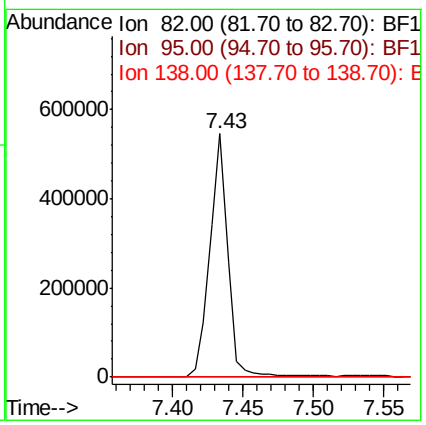


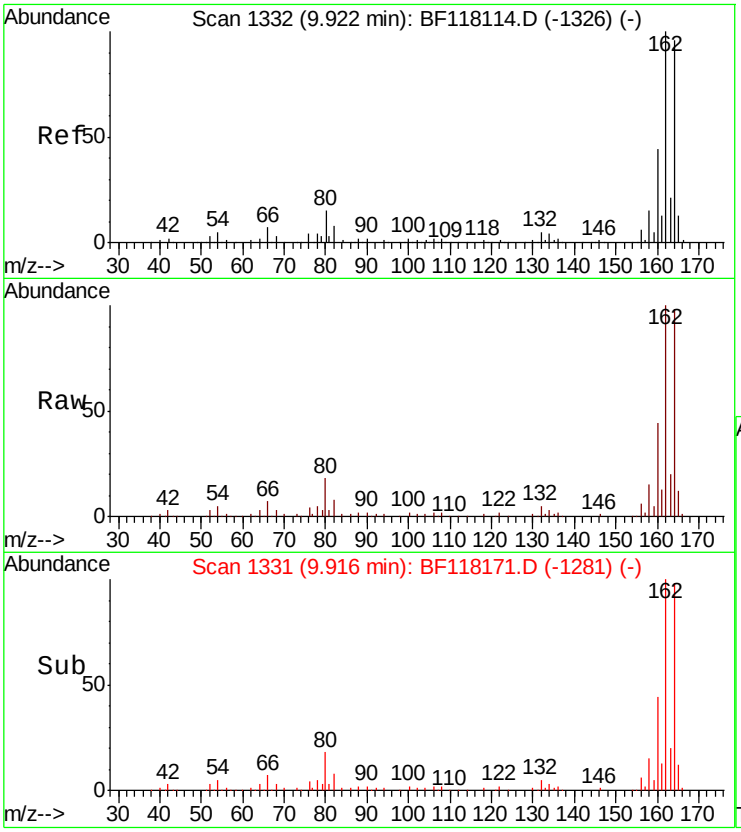


#25
Isophorone
Concen: 54.582 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF118171.D
Acq: 10 Dec 2019 19:02

Tgt Ion: 82 Resp: 485569

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



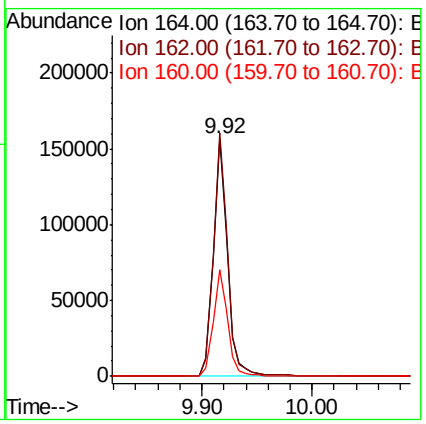


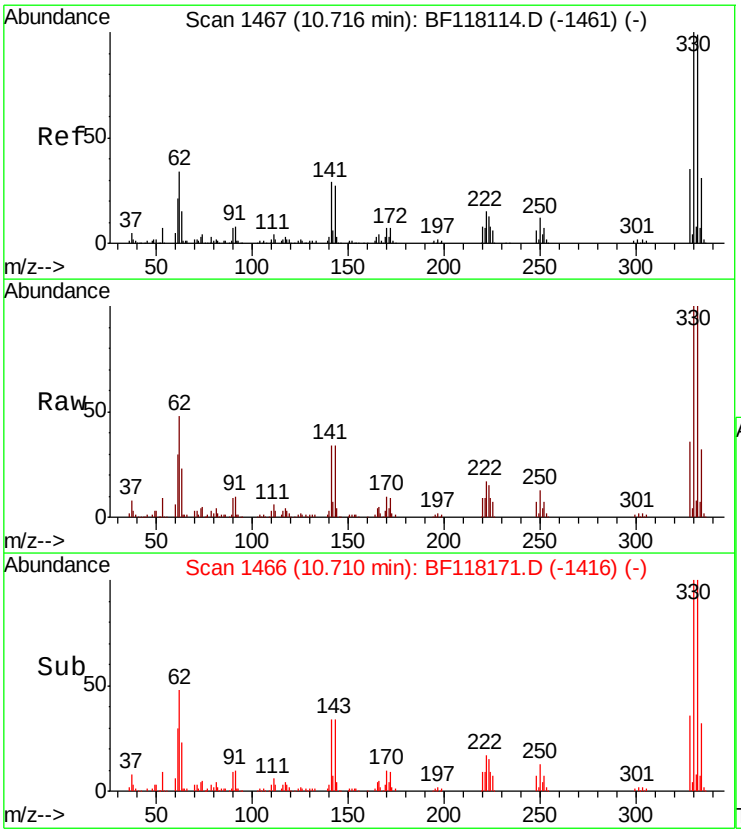
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118171.D
Acq: 10 Dec 2019 19:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 139253

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.4	125.0
160	45.0	36.6	54.8

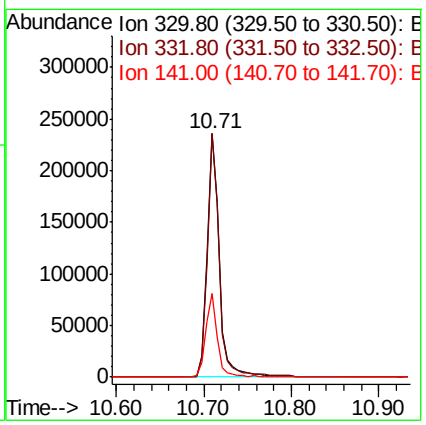


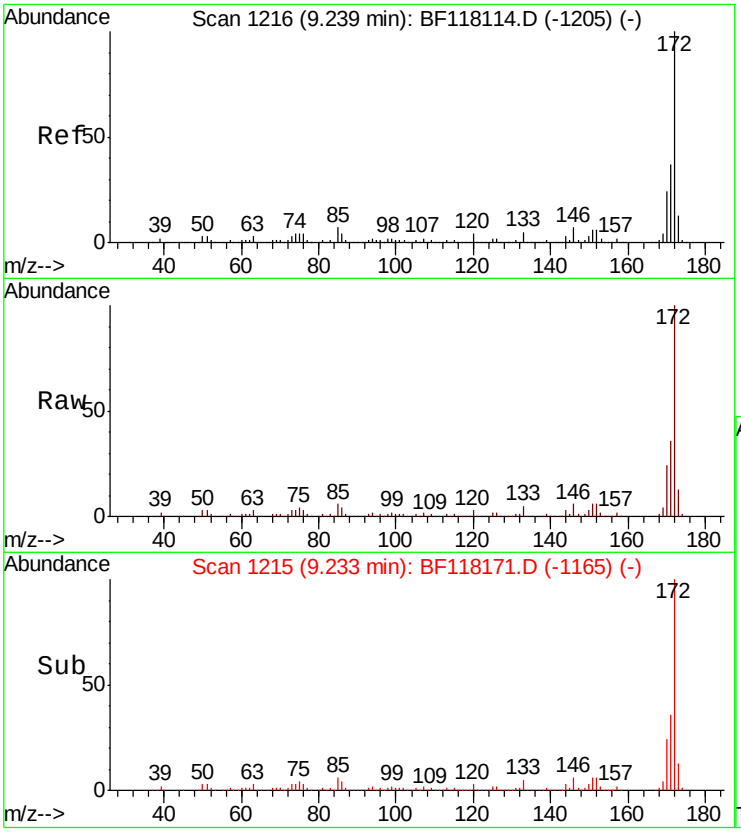


#42
2,4,6-Tribromophenol
Concen: 136.109 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118171.D
Acq: 10 Dec 2019 19:02

Tgt Ion:330 Resp: 230251

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.1	117.1
141	33.1	26.9	40.3



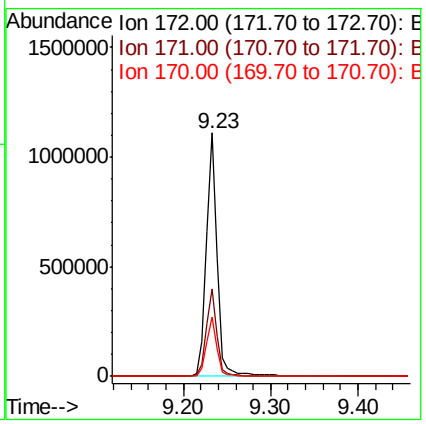


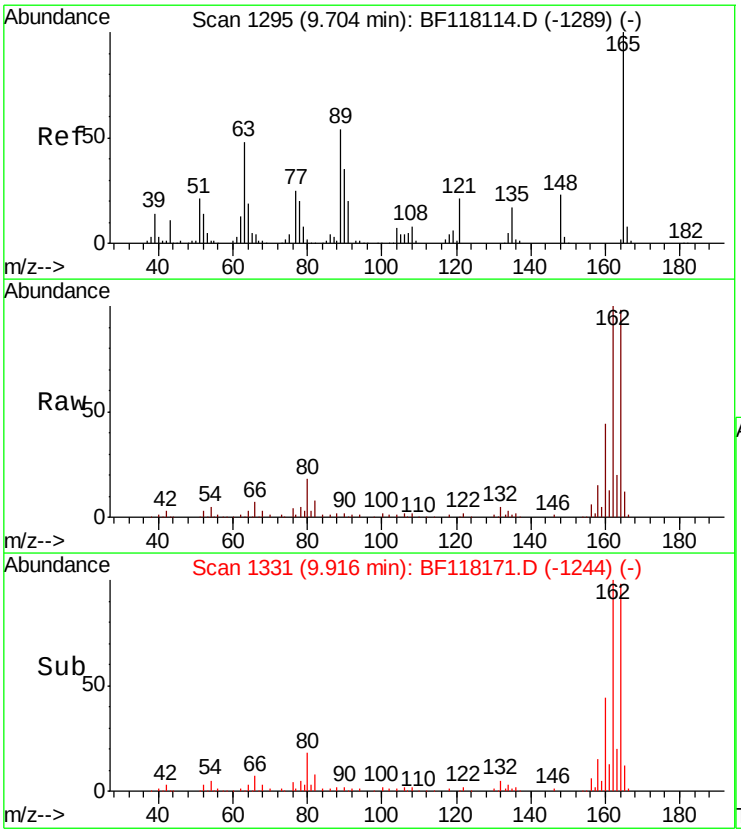
#45
2-Fluorobiphenyl
Concen: 105.481 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118171.D
Acq: 10 Dec 2019 19:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 965306

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	24.1	19.4	29.2

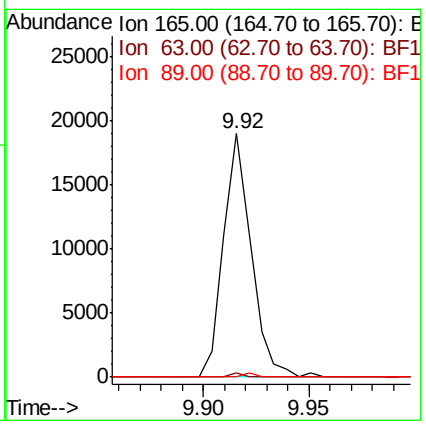


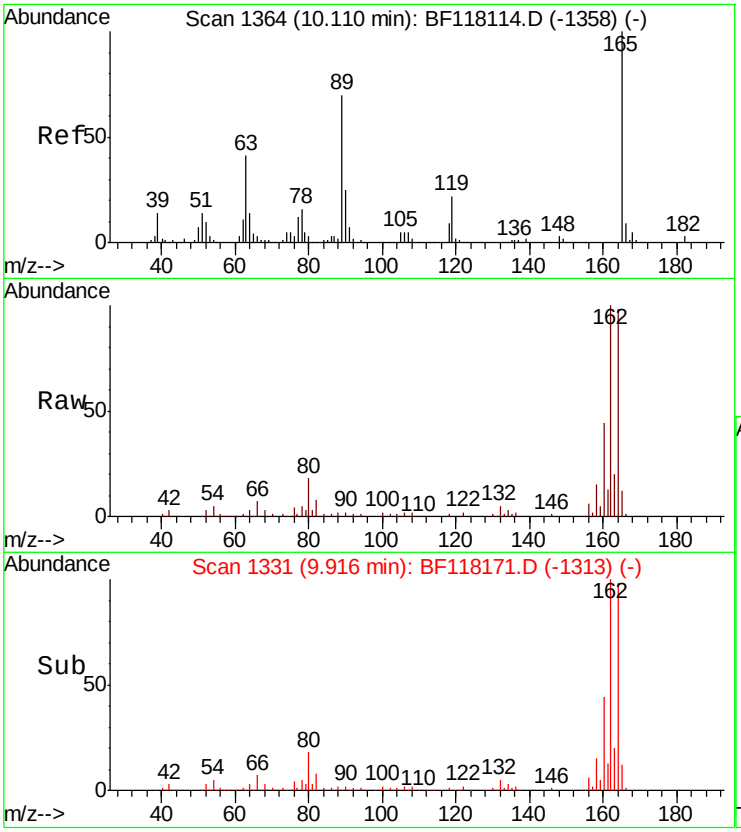


#51
2,6-Dinitrotoluene
Concen: 7.714 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF118171.D
Acq: 10 Dec 2019 19:02

Tgt Ion:165 Resp: 17254

Ion	Ratio	Lower	Upper
165	100		
63	1.8	41.4	62.0#
89	0.0	42.9	64.3#



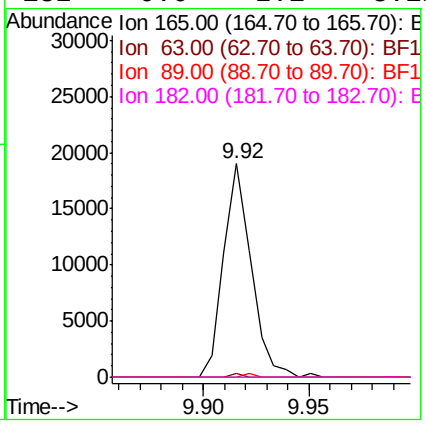


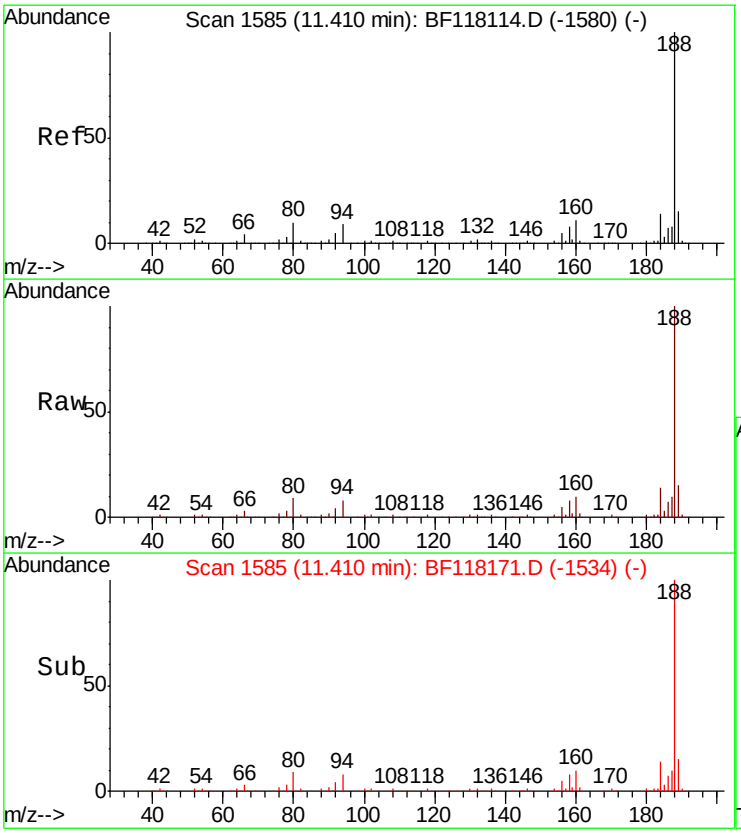
#57
2,4-Dinitrotoluene
Concen: 5.780 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF118171.D
Acq: 10 Dec 2019 19:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 17254

Ion	Ratio	Lower	Upper
165	100		
63	1.8	32.6	49.0#
89	0.0	56.1	84.1#
182	0.0	2.1	3.1#

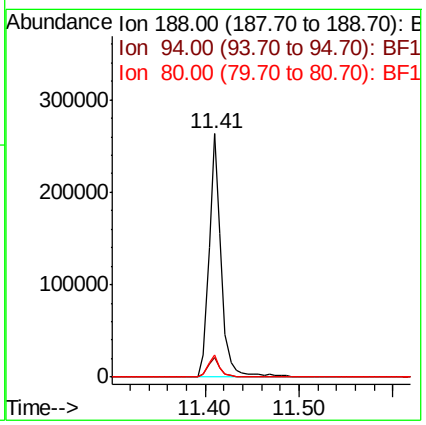


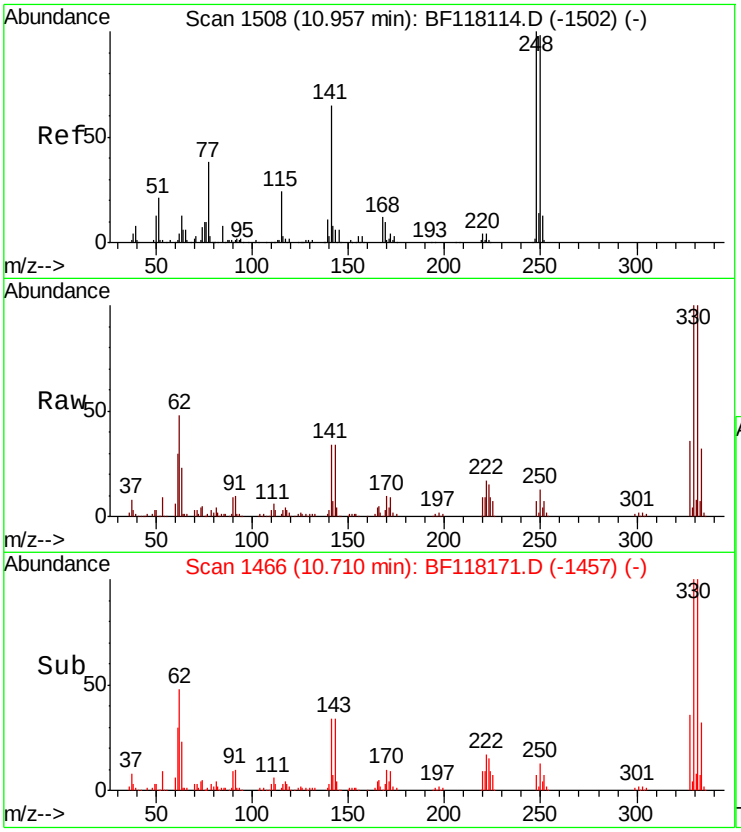


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF118171.D
Acq: 10 Dec 2019 19:02

Tgt Ion:188 Resp: 241071

Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.1	10.7
80	8.9	7.9	11.9



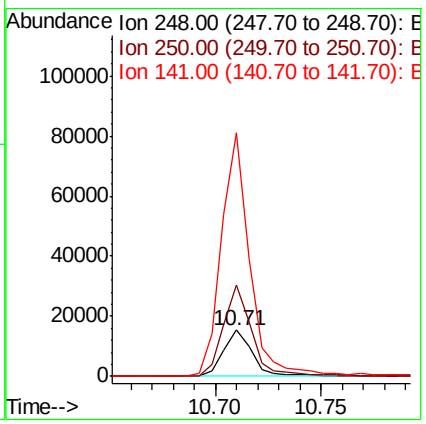


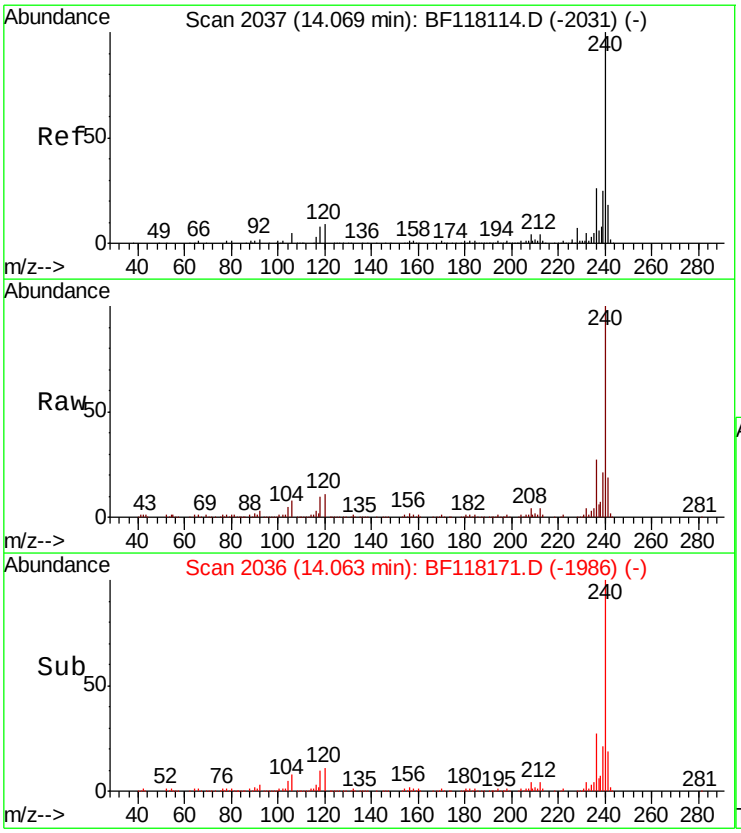
#67
4-Bromophenyl-phenylether
Concen: 5.136 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF118171.D
Acq: 10 Dec 2019 19:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 14133

Ion	Ratio	Lower	Upper
248	100		
250	197.2	78.3	117.5#
141	528.5	52.2	78.4#

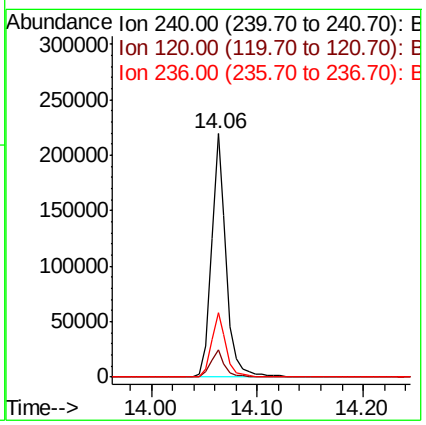


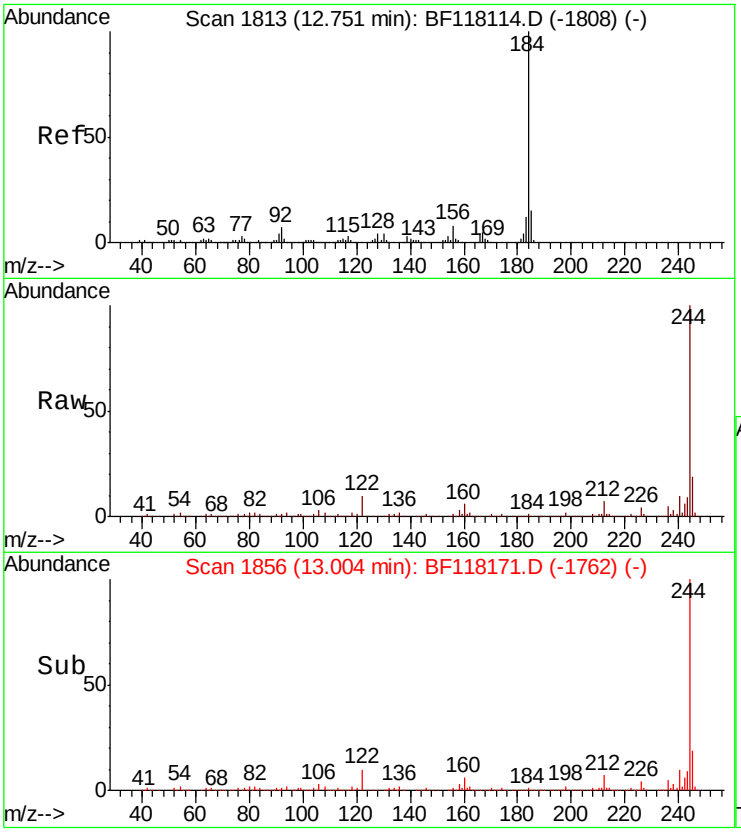


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118171.D
Acq: 10 Dec 2019 19:02

Tgt Ion:240 Resp: 215161

Ion	Ratio	Lower	Upper
240	100		
120	11.2	7.1	10.7#
236	26.6	21.0	31.6



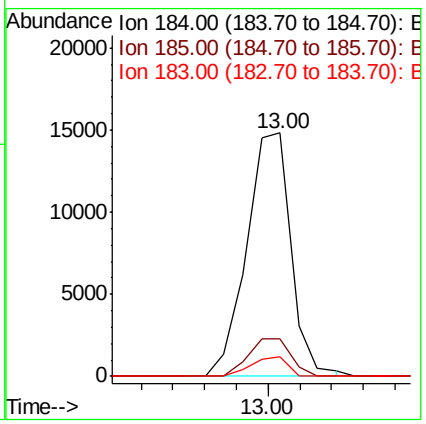


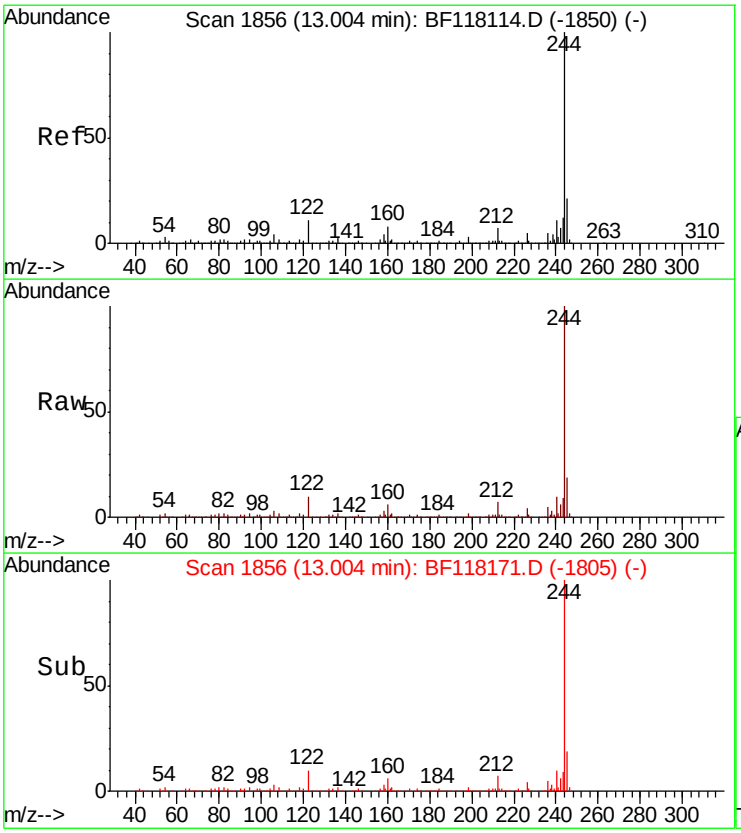
#77
Benzidine
Concen: 2.546 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.25 min
Lab File: BF118171.D
Acq: 10 Dec 2019 19:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 14423

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.3	18.5
183	7.8	9.9	14.9#

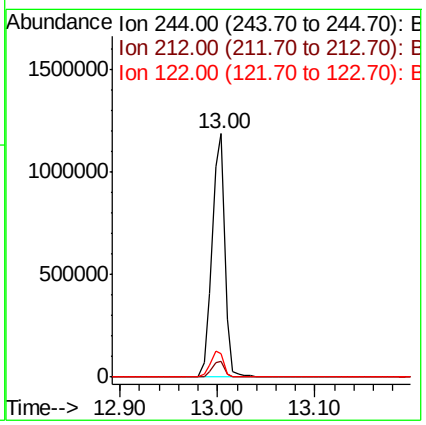


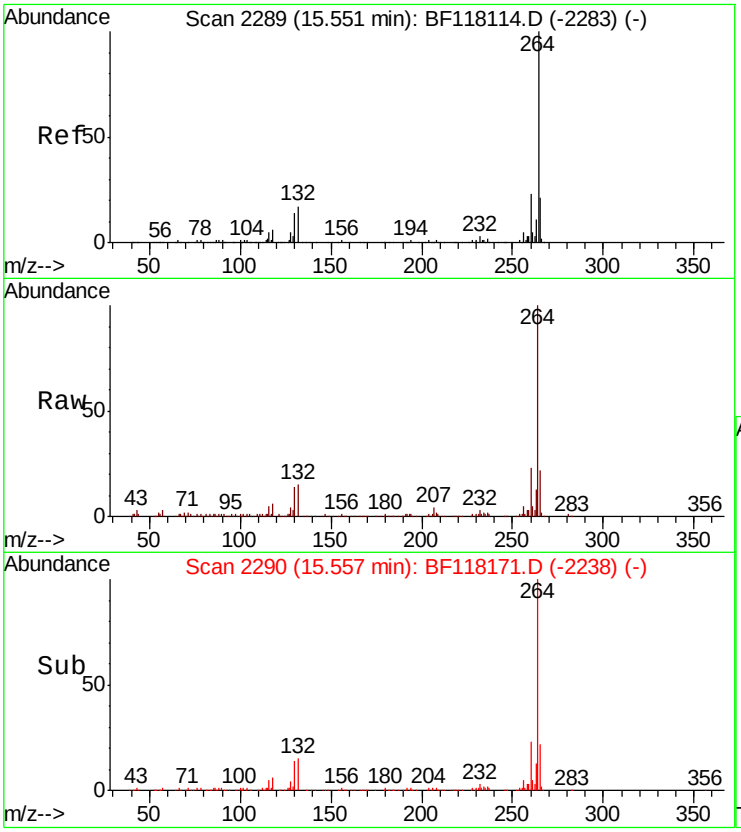


#79
Terphenyl-d14
Concen: 85.951 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BF118171.D
Acq: 10 Dec 2019 19:02

Tgt Ion:244 Resp: 1075429

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	9.6	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BF118171.D
Acq: 10 Dec 2019 19:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 191903

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.9	16.8	25.2