Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118284.D
Acq On : 19 Dec 2019 17:32
Operator : JU
Sample : K6318-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 20 02:12:55 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	100394	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	394943	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	210282	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	408540	20.00	ng	-0.01
76) Chrysene-d12	14.05	240	322503	20.00	ng	-0.02
87) Perylene-d12	15.54	264	309213	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	763657	133.23	ng	0.00
7) Phenol-d6	6.49	99	866080	124.92	ng	0.00
23) Nitrobenzene-d5	7.42	82	619697	88.27	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	377313	147.70	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	1250678	90.50	ng	-0.02
79) Terphenyl-d14	12.99	244	1718270	91.62	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	1549	Below Cal	#	1
15) Benzyl Alcohol	7.02	79	11253	2.079	ng	# 53
19) n-Nitroso-di-n-propylamine	7.42	70	85320	20.252	ng	# 77
25) Isophorone	7.42	82	619688	52.071	ng	# 62
35) Caprolactam	8.57	113	8227	4.654	ng	96
51) 2,6-Dinitrotoluene	9.90	165	26158	7.745	ng	# 29
57) 2,4-Dinitrotoluene	9.90	165	26159	5.803	ng	# 27
67) 4-Bromophenyl-phenylether	10.70	248	23588	5.058	ng	# 1
77) Benzidine	12.99	184	23723	2.794	ng	# 92

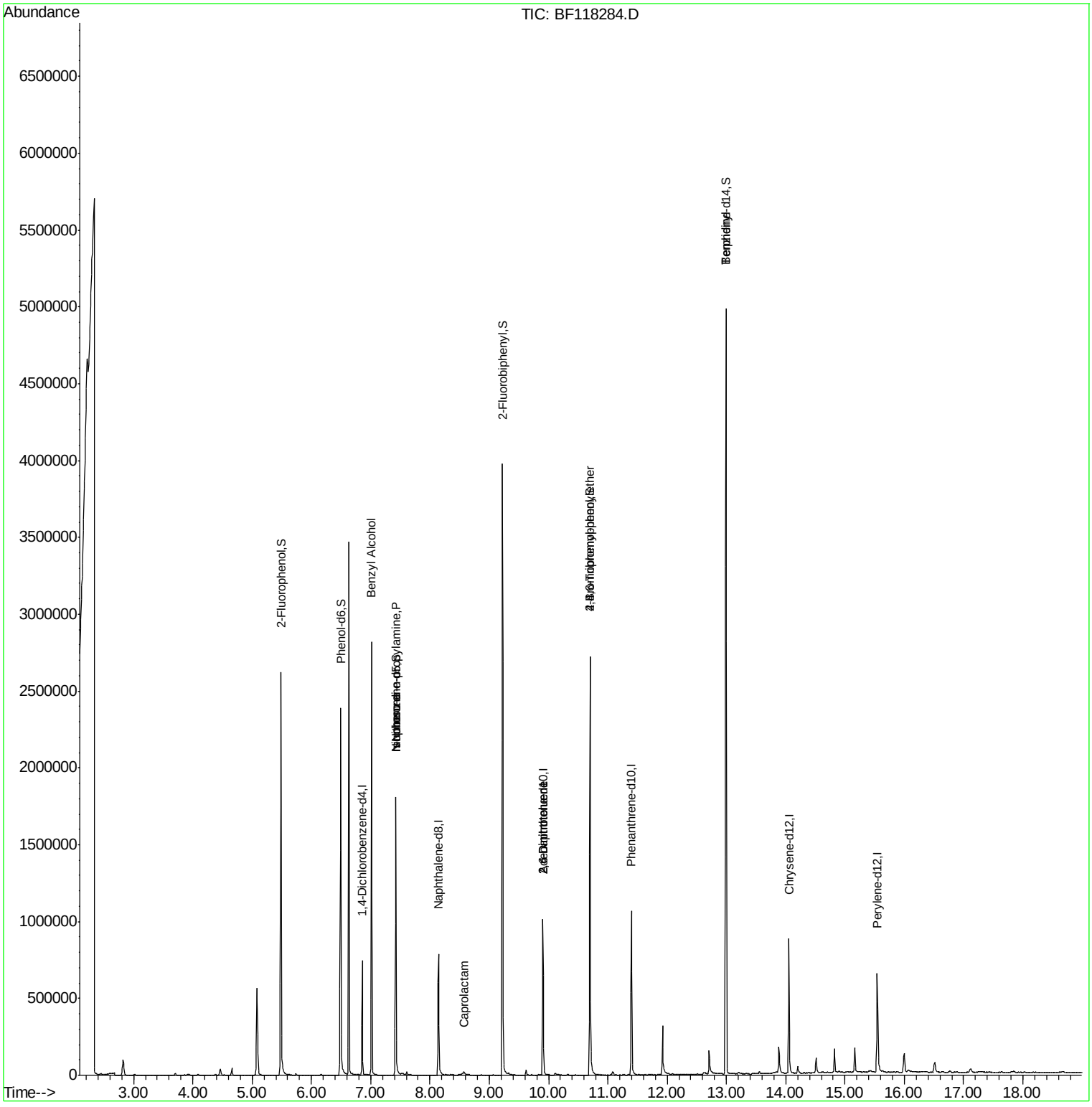
(#) = qualifier out of range (m) = manual integration (+) = signals summed

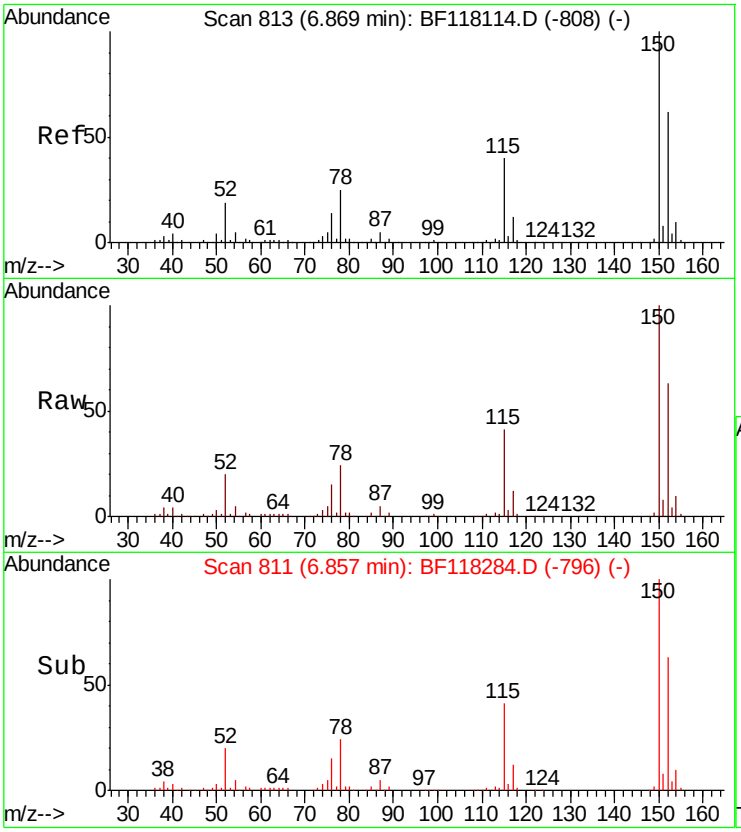
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118284.D
Acq On : 19 Dec 2019 17:32
Operator : JU
Sample : K6318-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 20 02:12:55 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



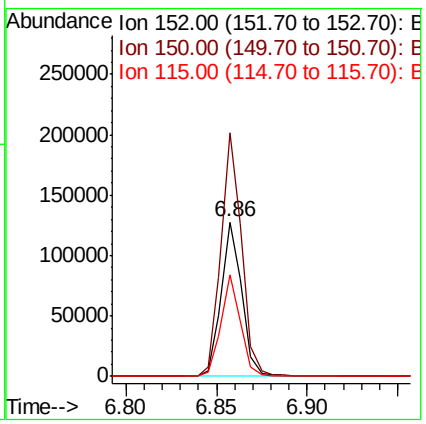


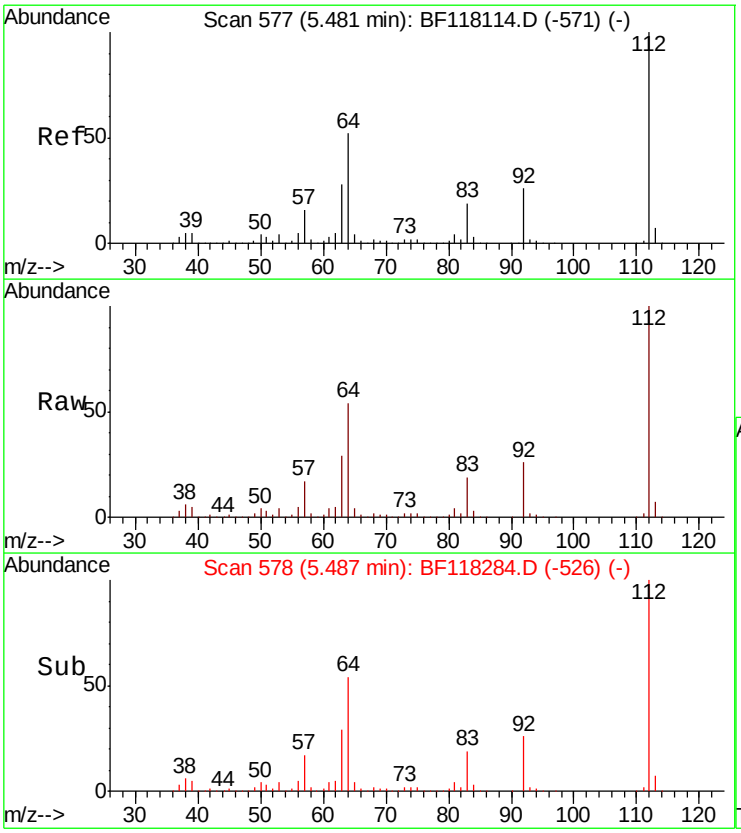
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118284.D
Acq: 19 Dec 2019 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 100394

Ion	Ratio	Lower	Upper
152	100		
150	158.1	128.3	192.5
115	65.6	51.1	76.7

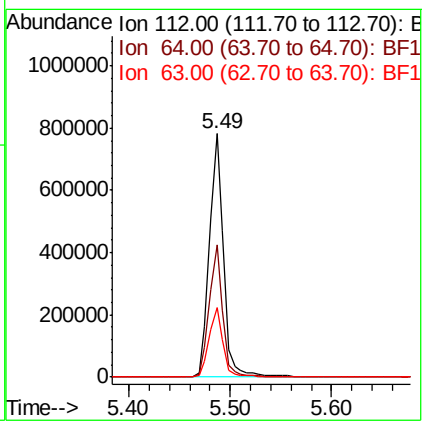


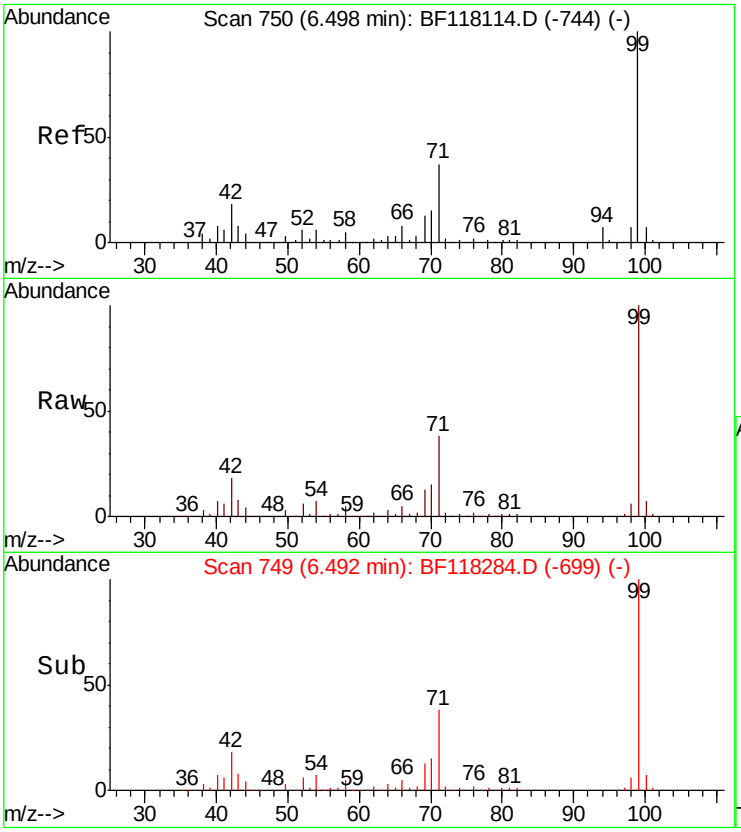


#5
2-Fluorophenol
Concen: 133.227 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118284.D
Acq: 19 Dec 2019 17:32

Tgt Ion:112 Resp: 763657

Ion	Ratio	Lower	Upper
112	100		
64	54.1	41.3	61.9
63	28.8	22.4	33.6



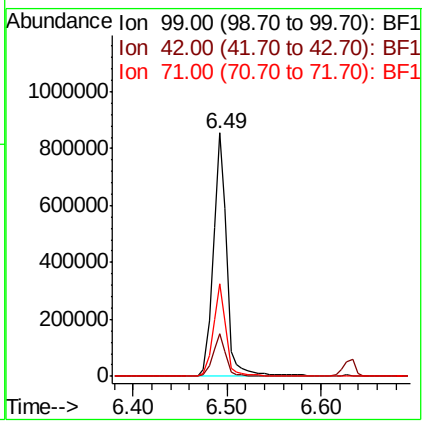


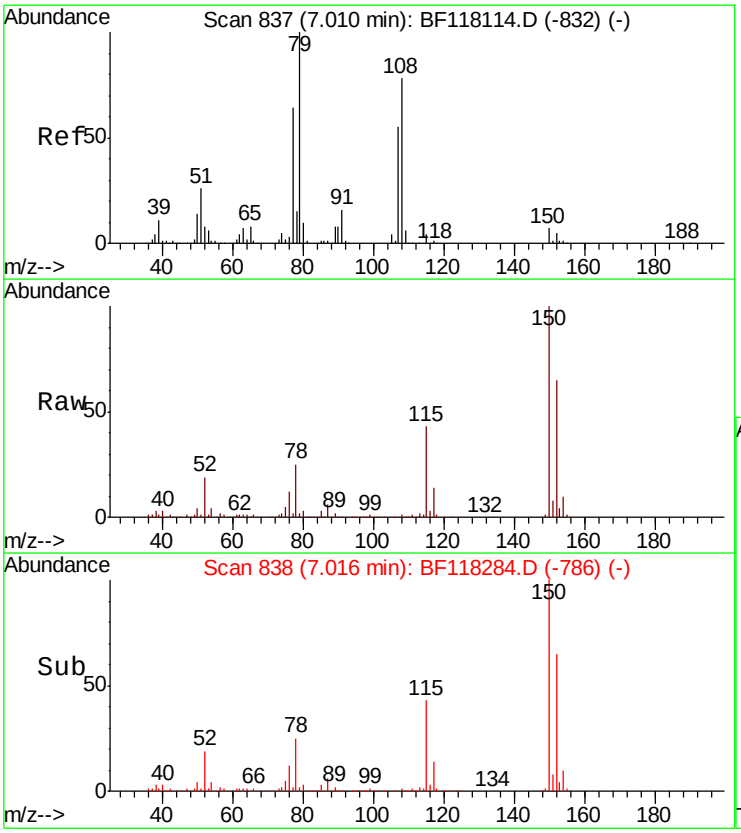
#7
Phenol-d6
Concen: 124.921 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF118284.D
Acq: 19 Dec 2019 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 866080

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.1	21.1
71	38.1	29.7	44.5

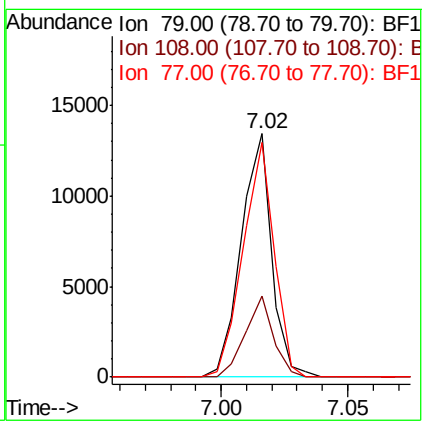


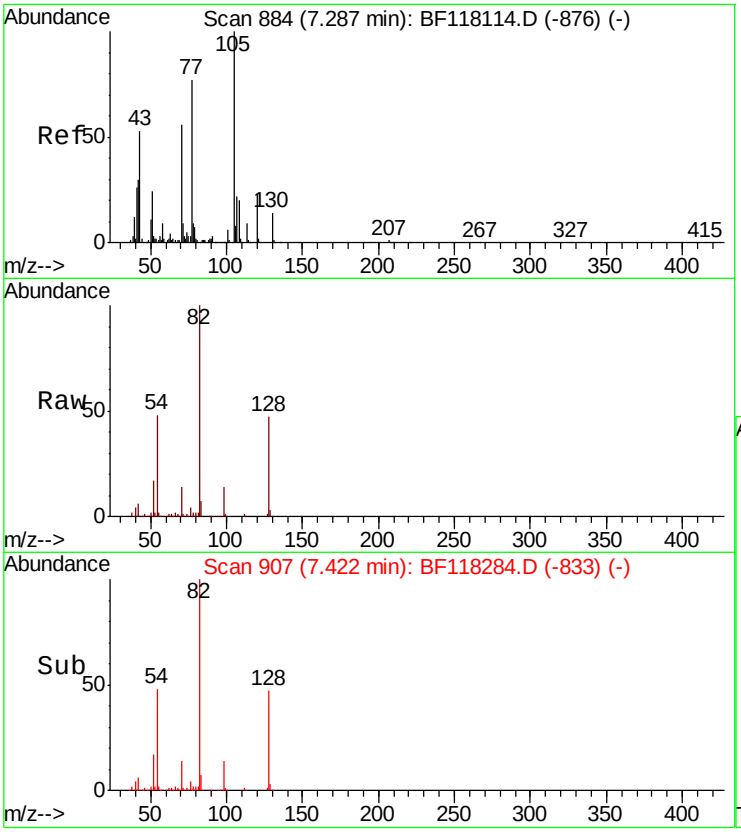


#15
Benzyl Alcohol
Concen: 2.079 ng
RT: 7.02 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF118284.D
Acq: 19 Dec 2019 17:32

Tgt Ion: 79 Resp: 11253

Ion	Ratio	Lower	Upper
79	100		
108	33.1	62.7	94.1#
77	96.2	51.4	77.2#



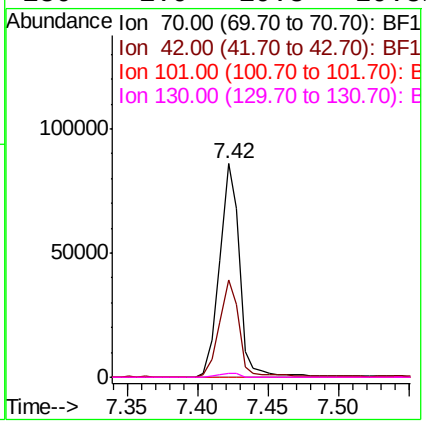


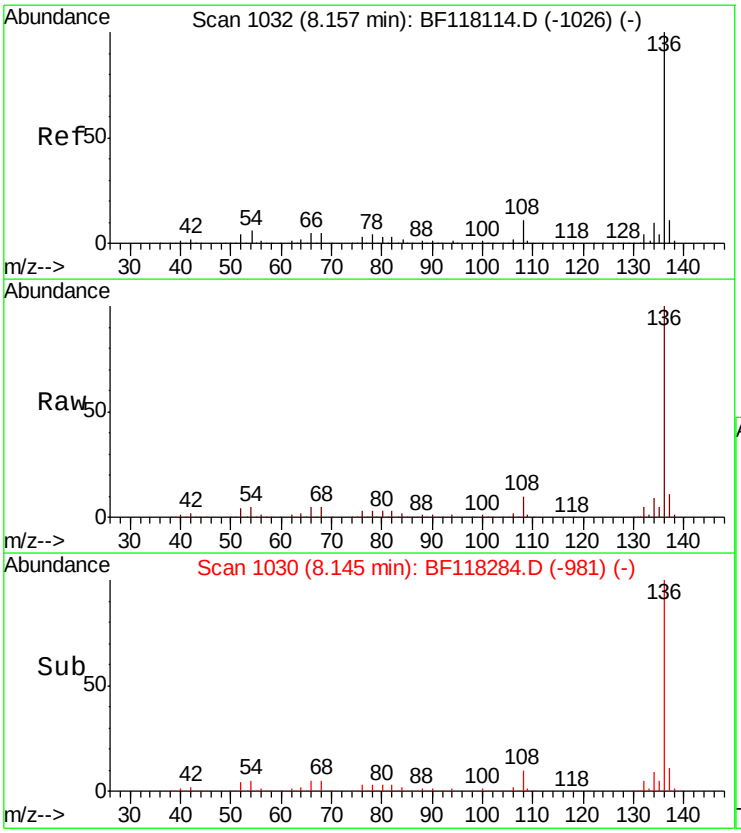
#19
n-Nitroso-di-n-propylamine
Concen: 20.252 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF118284.D
Acq: 19 Dec 2019 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 85320

Ion	Ratio	Lower	Upper
70	100		
42	45.7	43.2	64.8
101	0.0	8.1	12.1#
130	1.9	19.8	29.8#

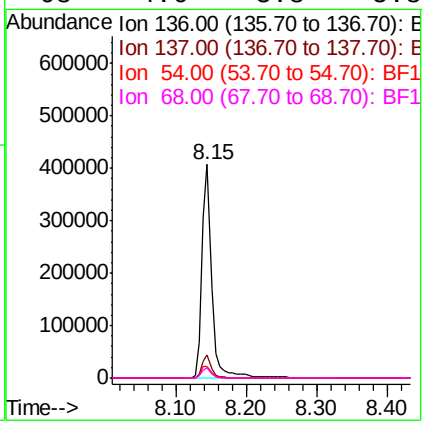


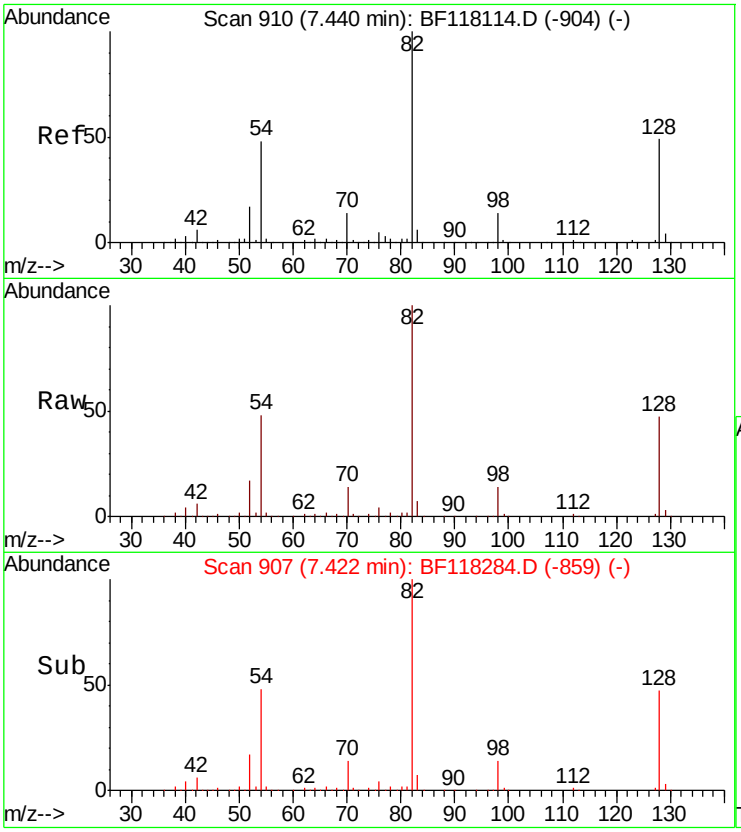


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF118284.D
Acq: 19 Dec 2019 17:32

Tgt Ion:136 Resp: 394943

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	5.5	5.0	7.6
68	4.6	3.8	5.8



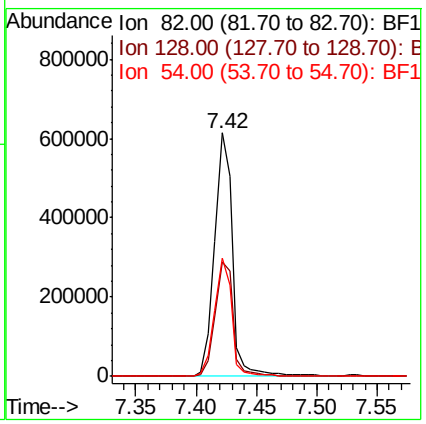


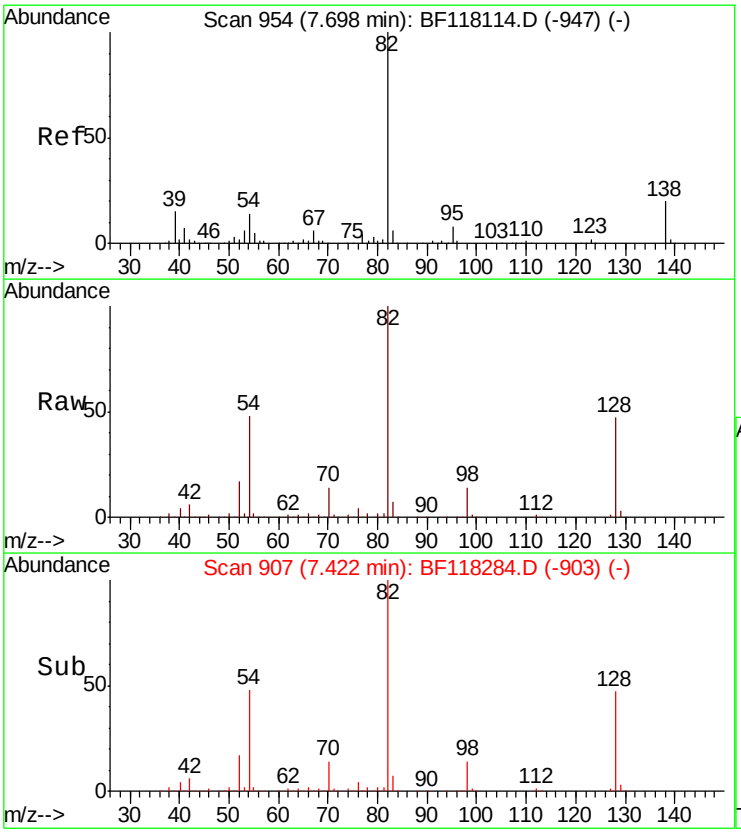
#23
Nitrobenzene-d5
Concen: 88.273 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118284.D
Acq: 19 Dec 2019 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 619697

Ion	Ratio	Lower	Upper
82	100		
128	47.0	39.1	58.7
54	48.5	38.2	57.2

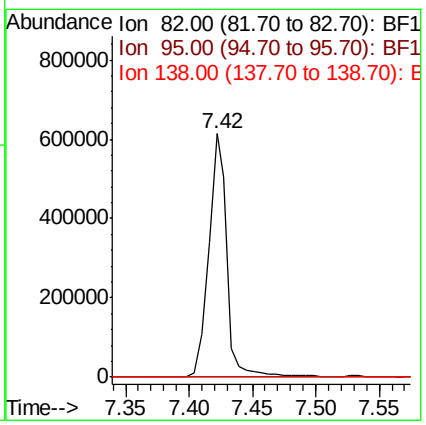


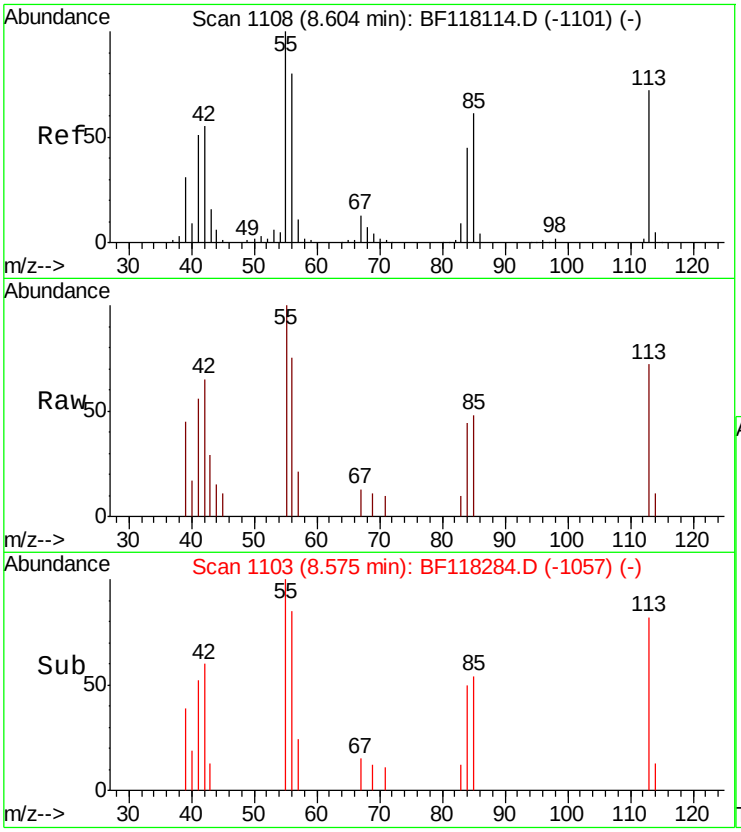


#25
Isophorone
Concen: 52.071 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.28 min
Lab File: BF118284.D
Acq: 19 Dec 2019 17:32

Tgt Ion: 82 Resp: 619688

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



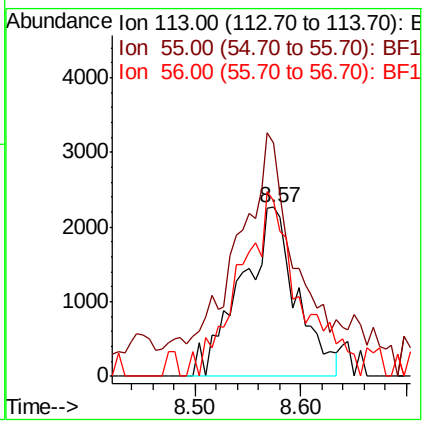


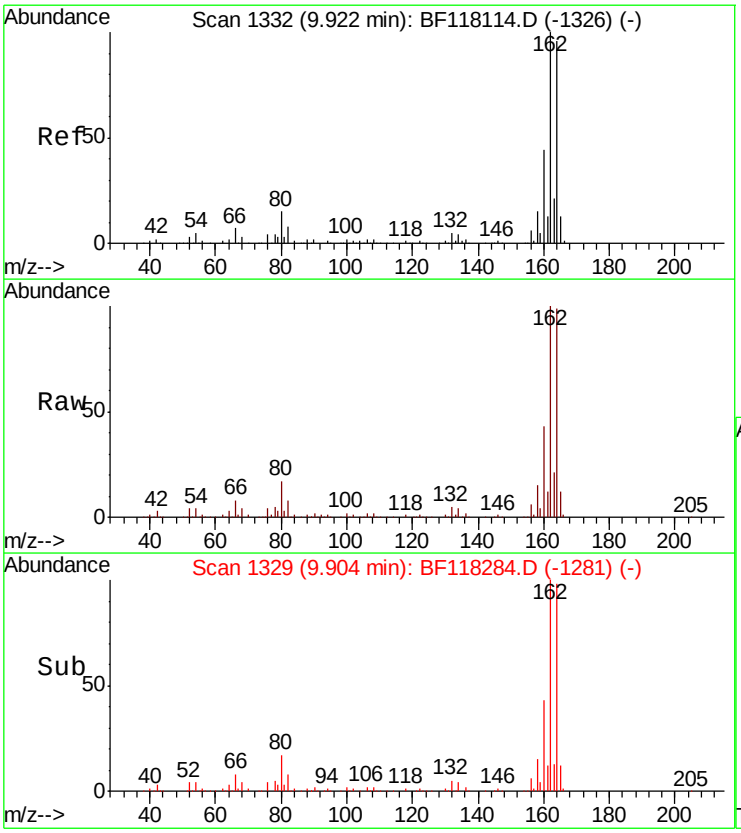
#35
Caprolactam
Concen: 4.654 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.03 min
Lab File: BF118284.D
Acq: 19 Dec 2019 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 8227

Ion	Ratio	Lower	Upper
113	100		
55	138.0	118.9	158.9
56	103.9	91.4	131.4

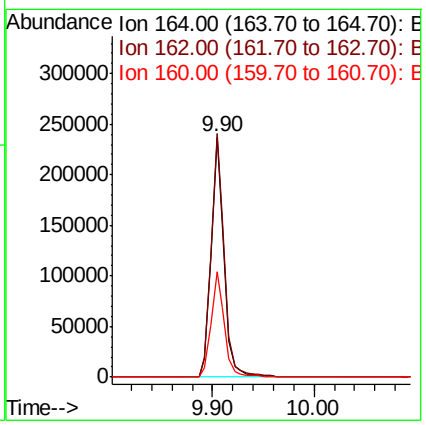


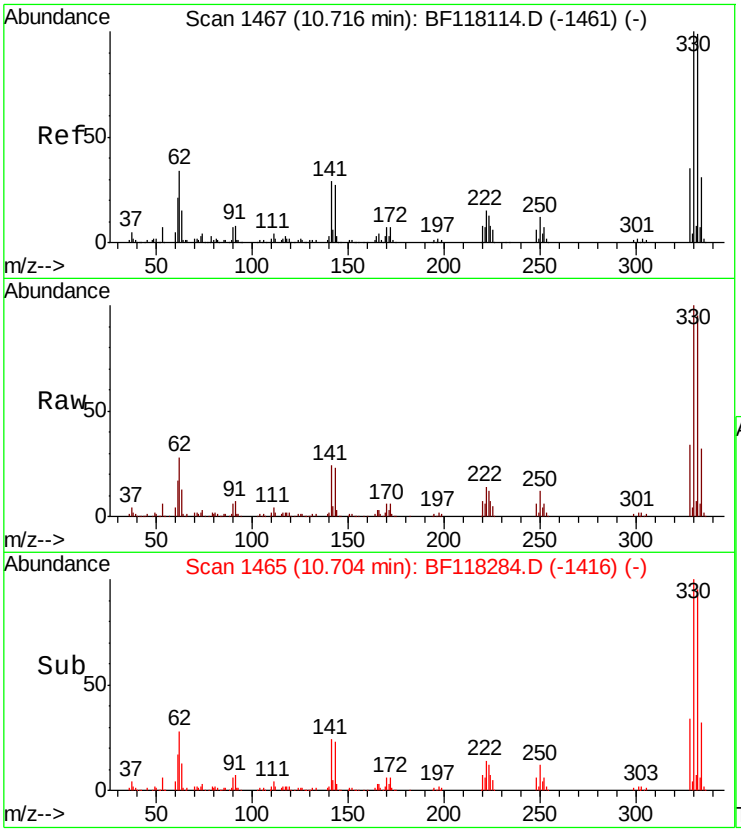


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF118284.D
Acq: 19 Dec 2019 17:32

Tgt Ion:164 Resp: 210282

Ion	Ratio	Lower	Upper
164	100		
162	101.4	83.4	125.0
160	43.7	36.6	54.8



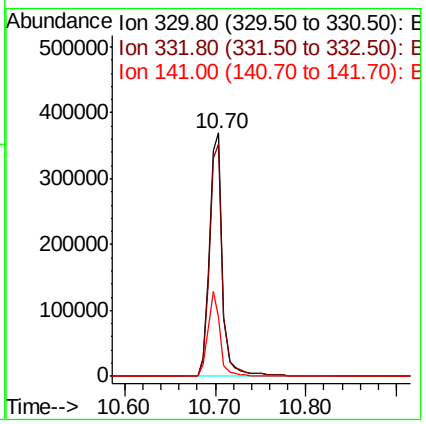


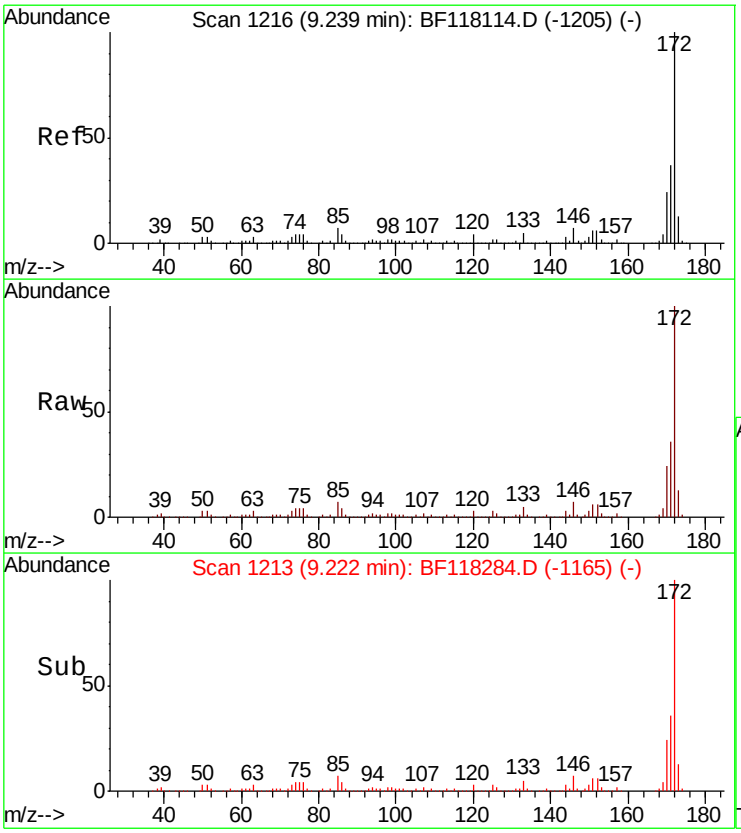
#42
2,4,6-Tribromophenol
Concen: 147.703 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118284.D
Acq: 19 Dec 2019 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 377313

Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.1	117.1
141	33.0	26.9	40.3

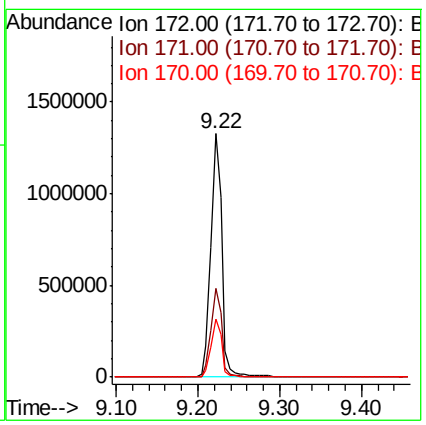


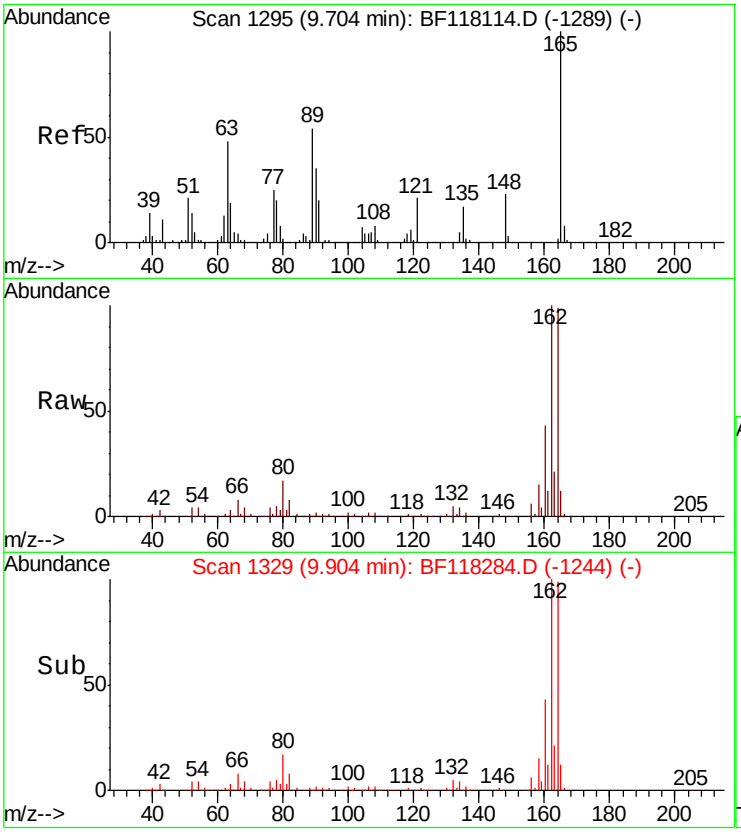


#45
2-Fluorobiphenyl
Concen: 90.502 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF118284.D
Acq: 19 Dec 2019 17:32

Tgt Ion:172 Resp: 1250678

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	23.9	19.4	29.2



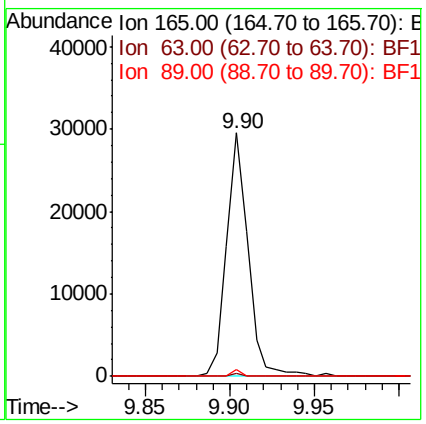


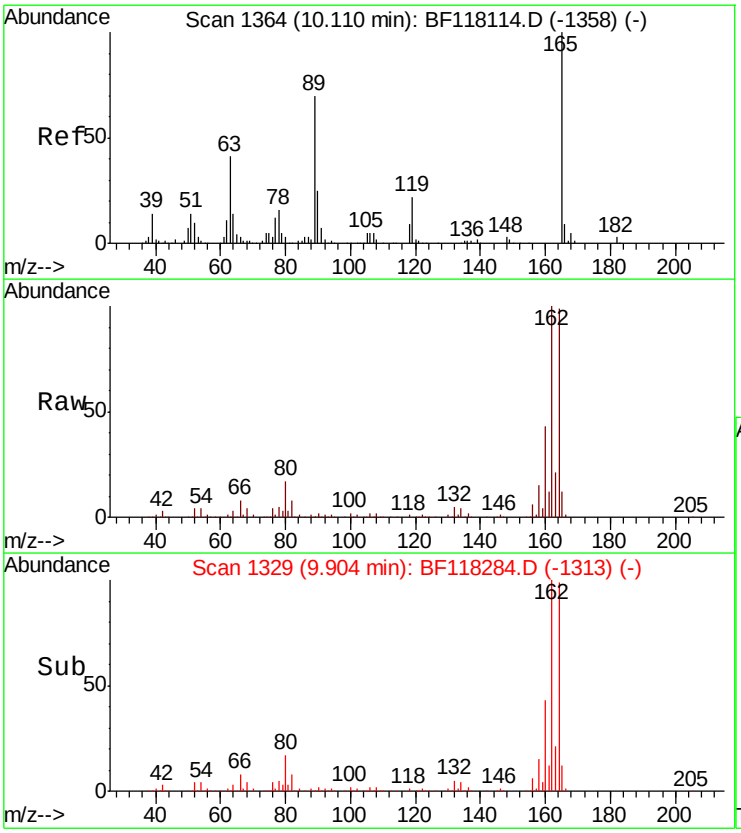
#51
2,6-Dinitrotoluene
Concen: 7.745 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.20 min
Lab File: BF118284.D
Acq: 19 Dec 2019 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26158

Ion	Ratio	Lower	Upper
165	100		
63	1.3	41.4	62.0#
89	2.9	42.9	64.3#

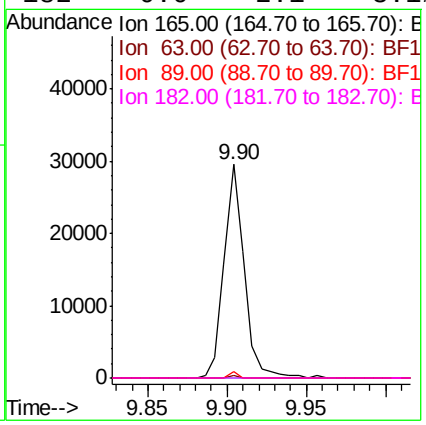


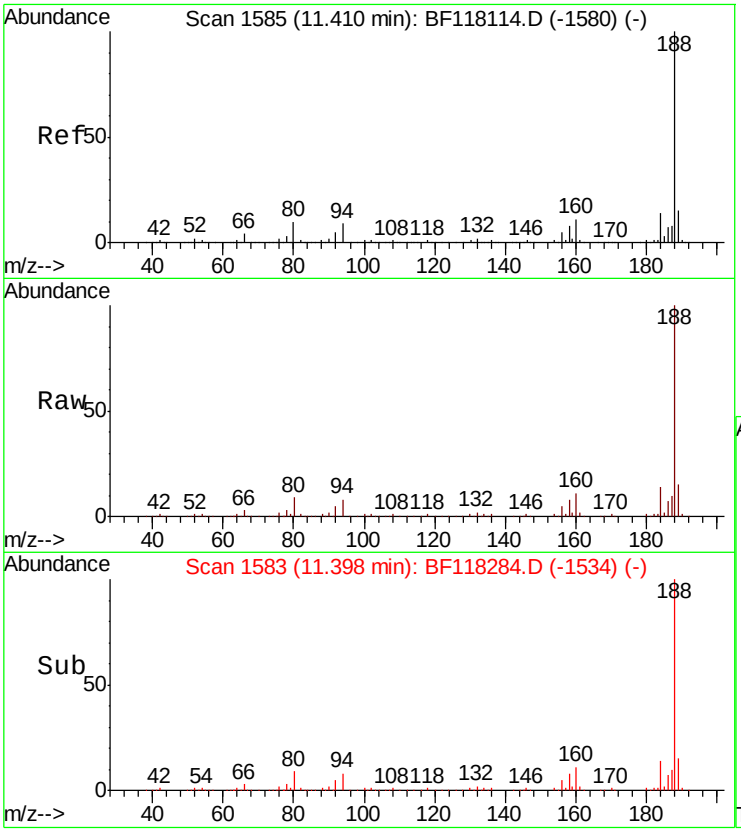


#57
2,4-Dinitrotoluene
Concen: 5.803 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.21 min
Lab File: BF118284.D
Acq: 19 Dec 2019 17:32

Tgt Ion:165 Resp: 26159

Ion	Ratio	Lower	Upper
165	100		
63	1.3	32.6	49.0#
89	2.9	56.1	84.1#
182	0.0	2.1	3.1#



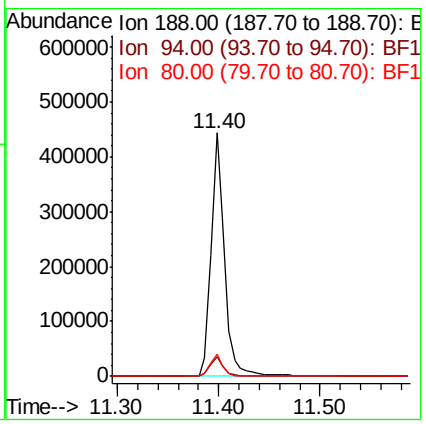


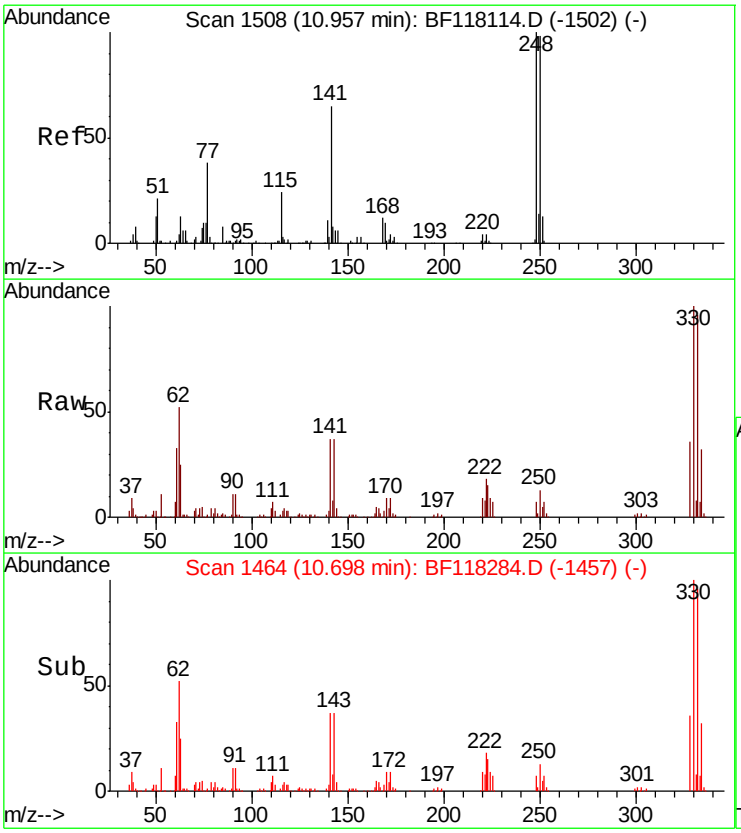
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118284.D
Acq: 19 Dec 2019 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 408540

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.1	10.7
80	9.0	7.9	11.9

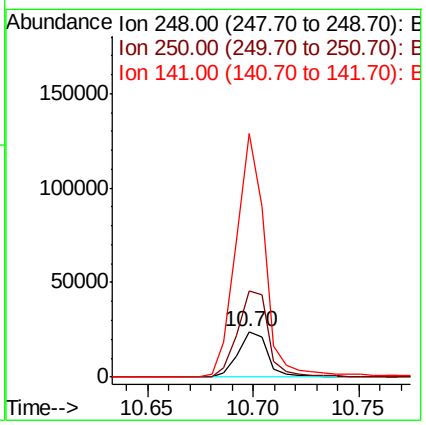


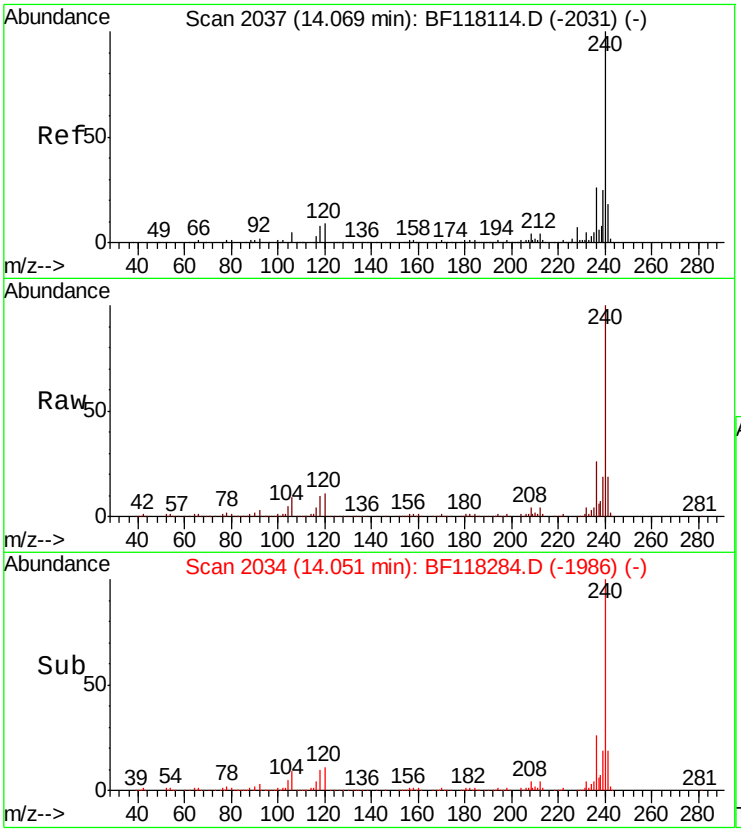


#67
4-Bromophenyl-phenylether
Concen: 5.058 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.26 min
Lab File: BF118284.D
Acq: 19 Dec 2019 17:32

Tgt Ion:248 Resp: 23588

Ion	Ratio	Lower	Upper
248	100		
250	187.5	78.3	117.5#
141	532.3	52.2	78.4#



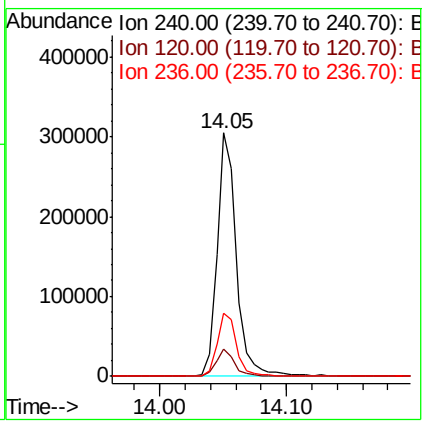


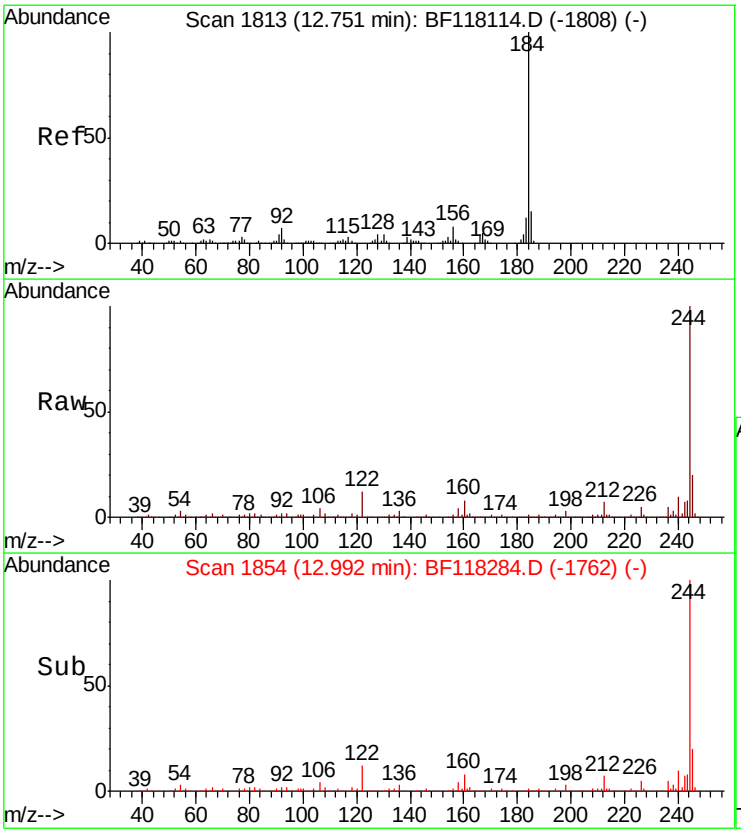
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF118284.D
Acq: 19 Dec 2019 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 322503

Ion	Ratio	Lower	Upper
240	100		
120	11.4	7.1	10.7#
236	26.1	21.0	31.6

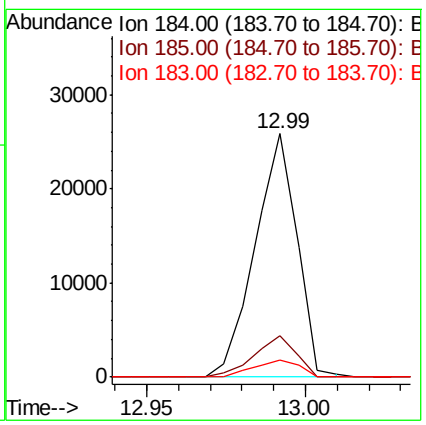


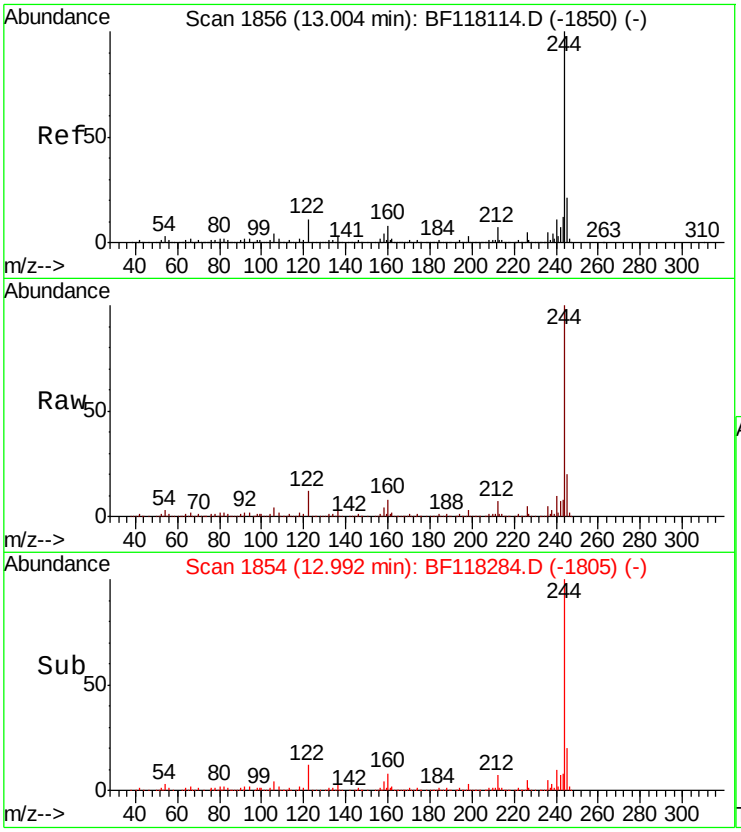


#77
Benzidine
Concen: 2.794 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.24 min
Lab File: BF118284.D
Acq: 19 Dec 2019 17:32

Tgt Ion:184 Resp: 23723

Ion	Ratio	Lower	Upper
184	100		
185	17.0	12.3	18.5
183	7.1	9.9	14.9#



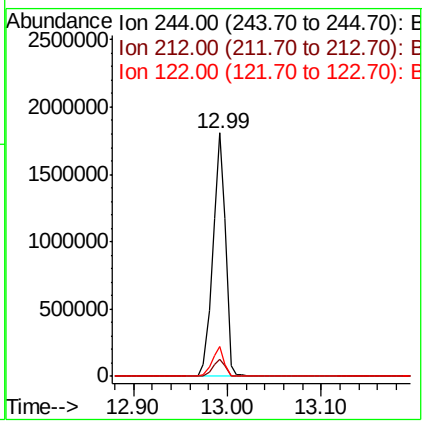


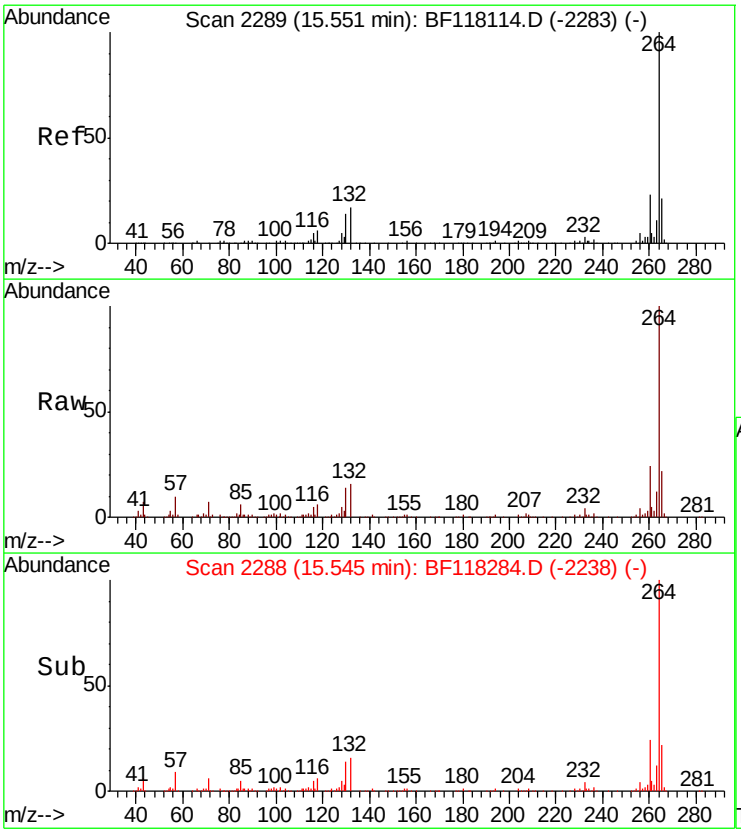
#79
Terphenyl-d14
Concen: 91.620 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF118284.D
Acq: 19 Dec 2019 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1718270

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	12.0	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: BF118284.D
Acq: 19 Dec 2019 17:32

Tgt Ion:264 Resp: 309213

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	22.0	16.8	25.2