Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
Data File : BF118190.D
Acq On : 13 Dec 2019 17:07
Operator : JU
Sample : K6235-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 13 22:46:39 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	114709	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	437317	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	227297	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	421124	20.00	ng		0.00
76) Chrysene-d12	14.06	240	272834	20.00	ng		-0.01
87) Perylene-d12	15.55	264	278710	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	536393	81.90	ng		0.00
7) Phenol-d6	6.50	99	430607	54.36	ng		0.00
23) Nitrobenzene-d5	7.43	82	650214	83.65	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	384537	139.26	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	1295309	86.71	ng		0.00
79) Terphenyl-d14	13.00	244	1595984	100.59	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	976	Below Cal		#	1
10) Phenol	6.51	94	23743	2.628	ng		91
19) n-Nitroso-di-n-propylamine	7.43	70	86249	17.918	ng	#	76
25) Isophorone	7.43	82	645367	48.974	ng	#	62
50) Dimethylphthalate	9.62	163	35410	2.109	ng		100
51) 2,6-Dinitrotoluene	9.92	165	30158	8.261	ng	#	28
57) 2,4-Dinitrotoluene	9.92	165	30158	6.189	ng	#	26
67) 4-Bromophenyl-phenylether	10.71	248	24838	5.167	ng	#	1
77) Benzidine	13.00	184	22229	3.095	ng	#	92

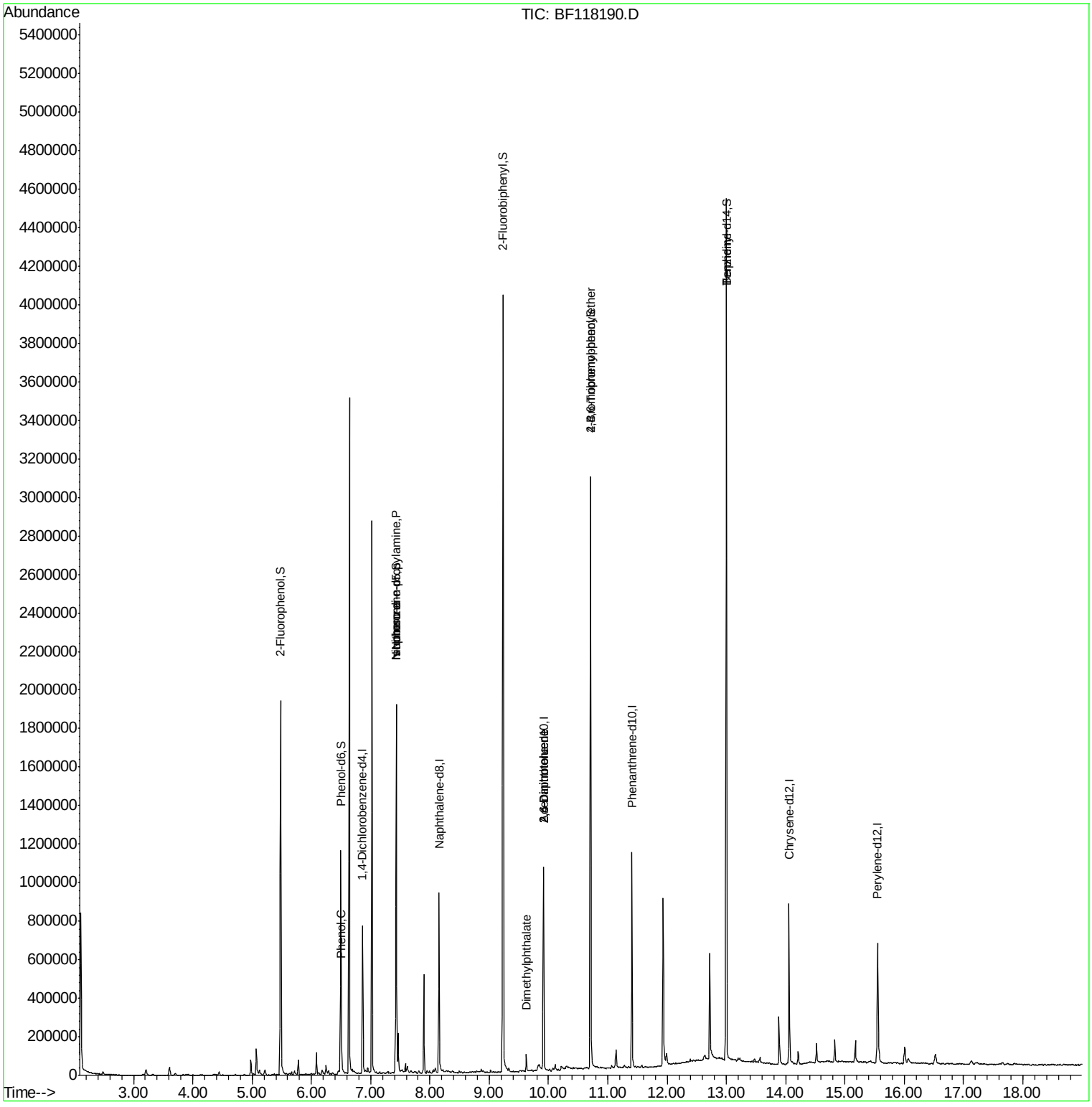
(#) = qualifier out of range (m) = manual integration (+) = signals summed

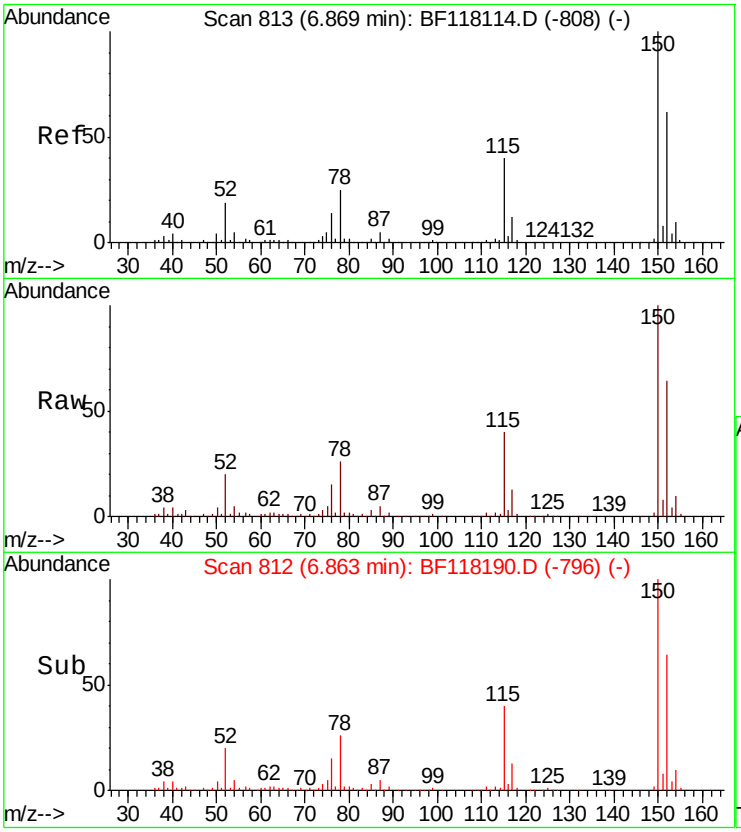
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
Data File : BF118190.D
Acq On : 13 Dec 2019 17:07
Operator : JU
Sample : K6235-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 13 22:46:39 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



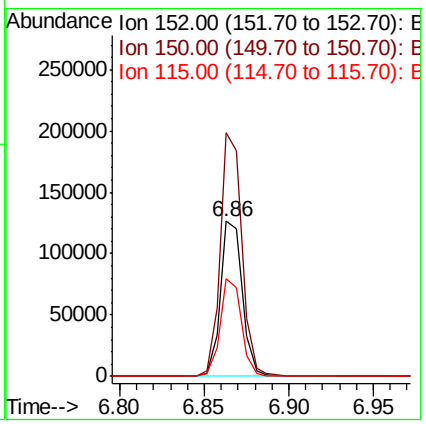


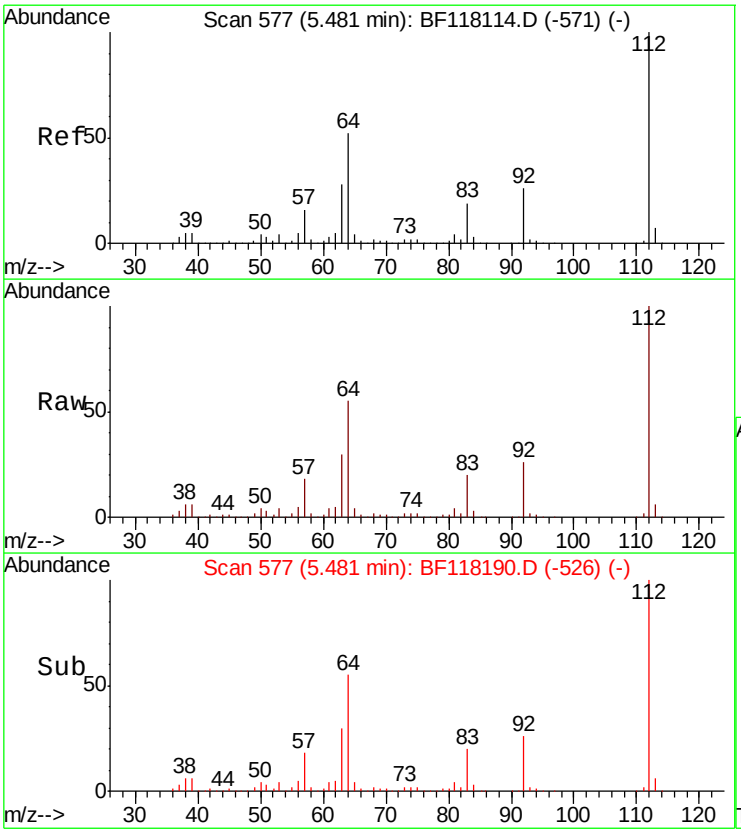
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118190.D
Acq: 13 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 114709

Ion	Ratio	Lower	Upper
152	100		
150	156.9	128.3	192.5
115	62.7	51.1	76.7

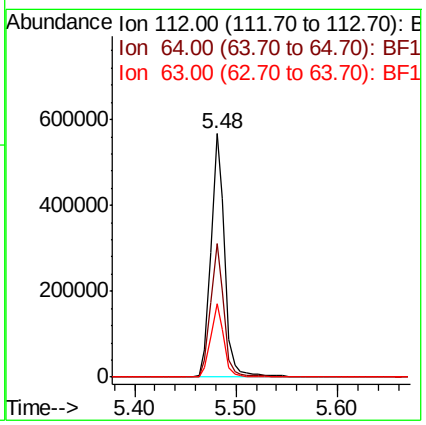


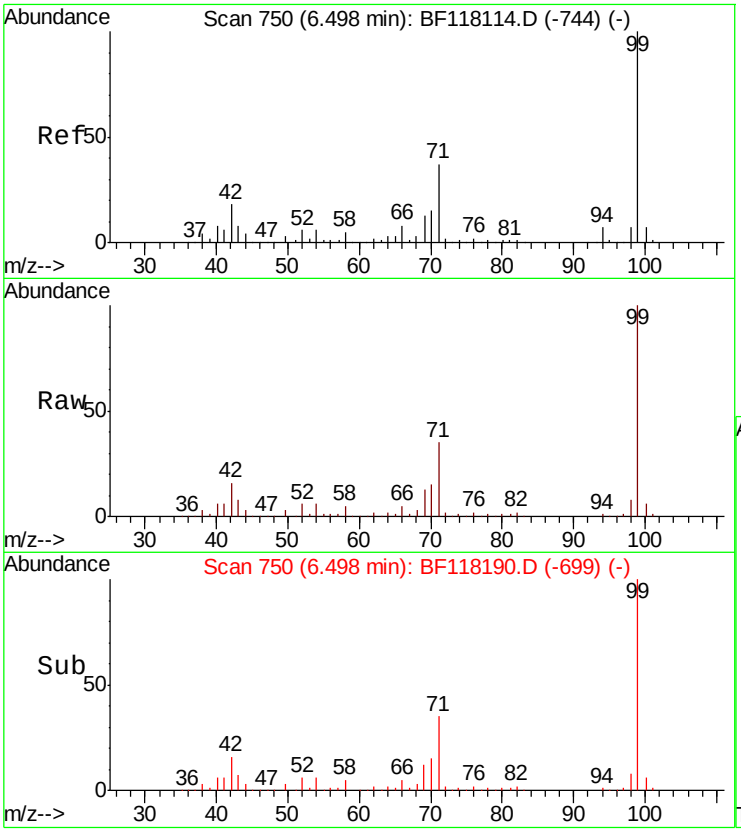


#5
2-Fluorophenol
Concen: 81.901 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF118190.D
Acq: 13 Dec 2019 17:07

Tgt Ion:112 Resp: 536393

Ion	Ratio	Lower	Upper
112	100		
64	54.9	41.3	61.9
63	29.9	22.4	33.6



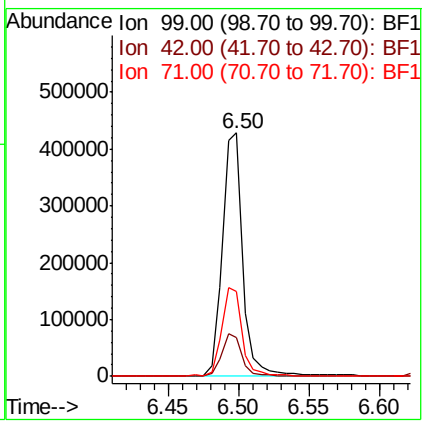


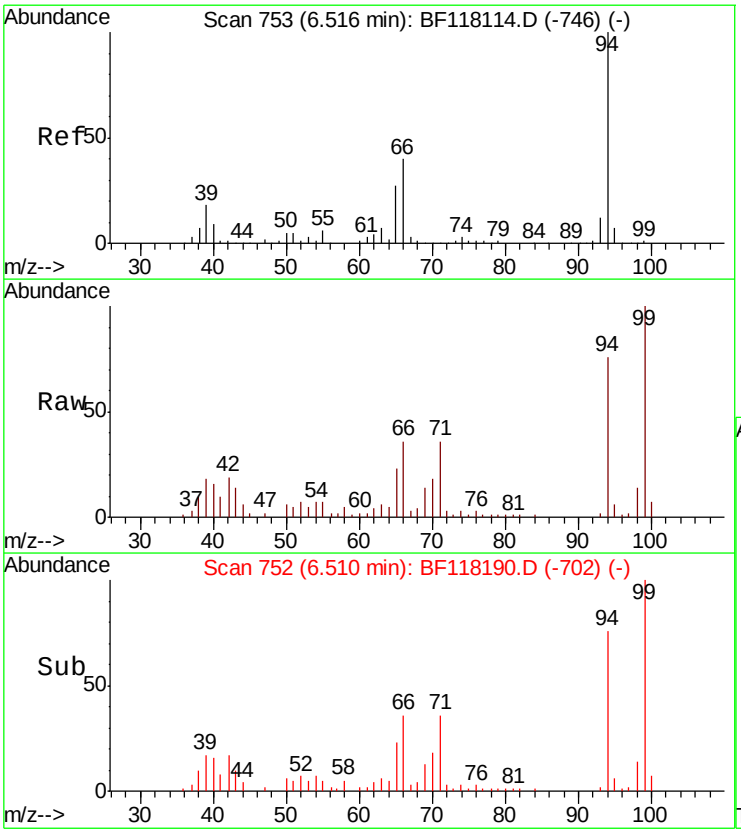
#7
Phenol-d6
Concen: 54.359 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF118190.D
Acq: 13 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 430607

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.1	21.1
71	34.9	29.7	44.5

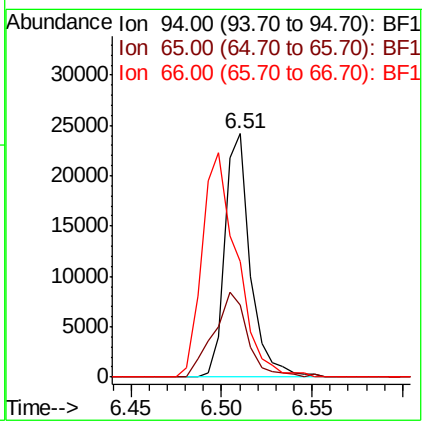


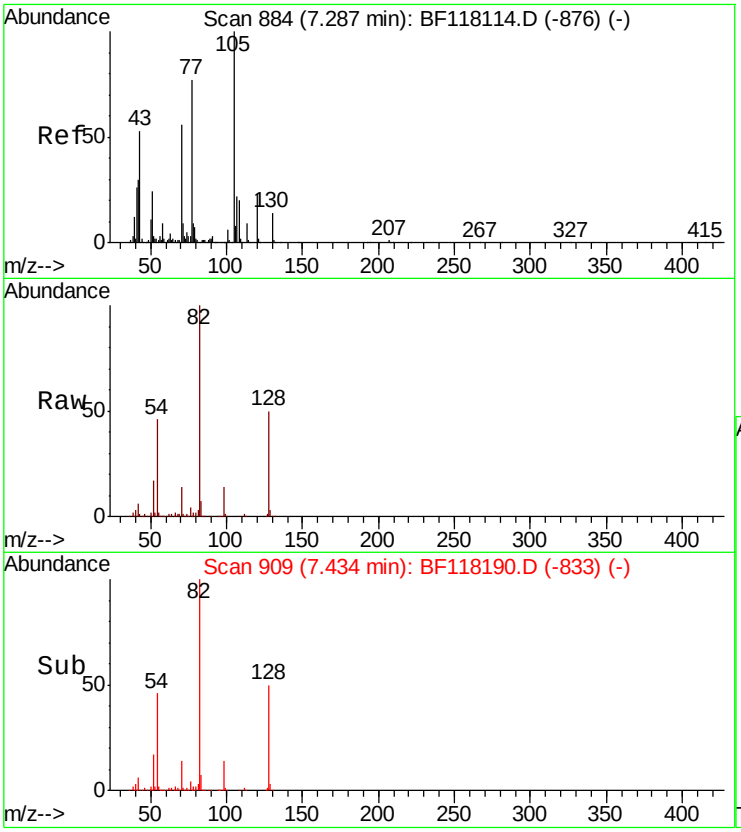


#10
Phenol
Concen: 2.628 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF118190.D
Acq: 13 Dec 2019 17:07

Tgt Ion: 94 Resp: 23743

Ion	Ratio	Lower	Upper
94	100		
65	29.8	7.3	47.3
66	47.7	20.2	60.2



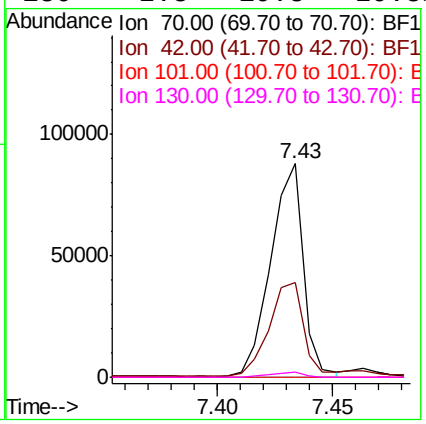


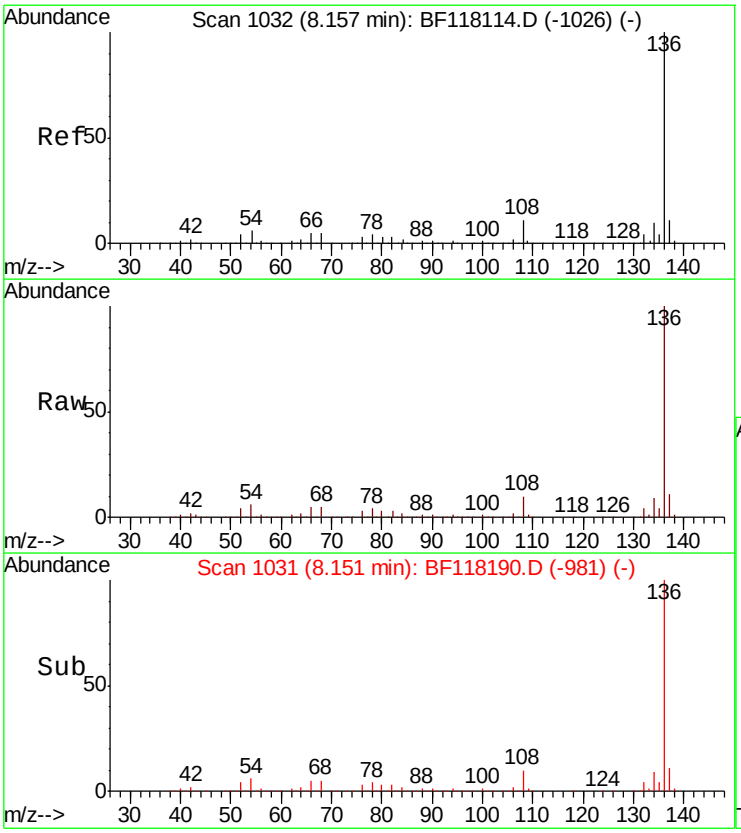
#19
n-Nitroso-di-n-propylamine
Concen: 17.918 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.15 min
Lab File: BF118190.D
Acq: 13 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 86249

Ion	Ratio	Lower	Upper
70	100		
42	44.6	43.2	64.8
101	0.0	8.1	12.1#
130	2.3	19.8	29.8#

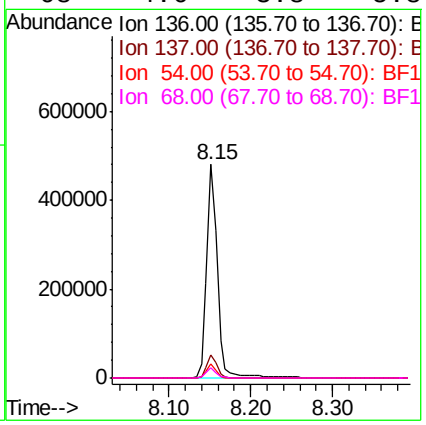


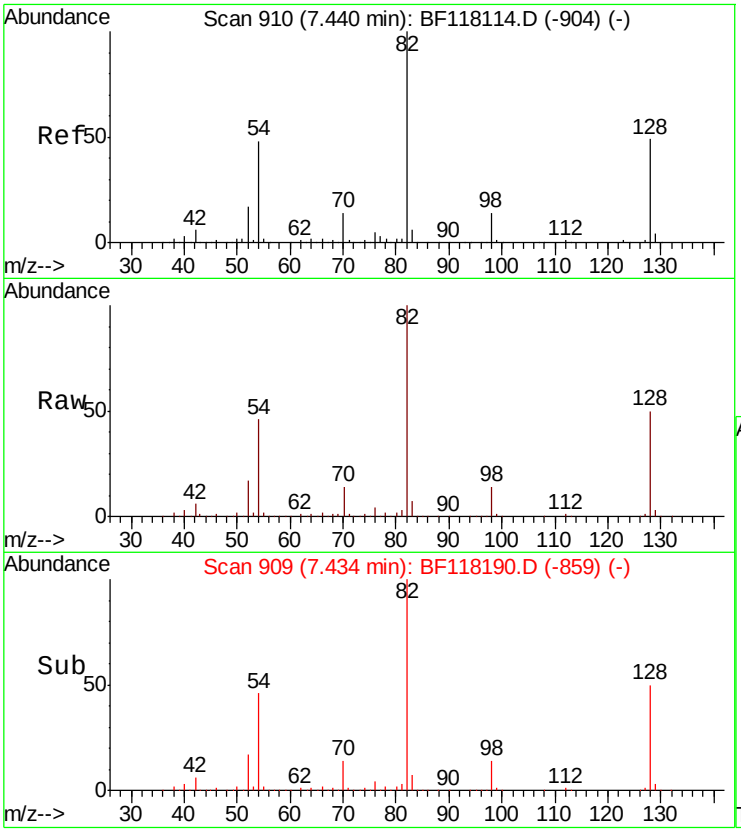


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118190.D
Acq: 13 Dec 2019 17:07

Tgt Ion:136 Resp: 437317

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	6.4	5.0	7.6
68	4.6	3.8	5.8



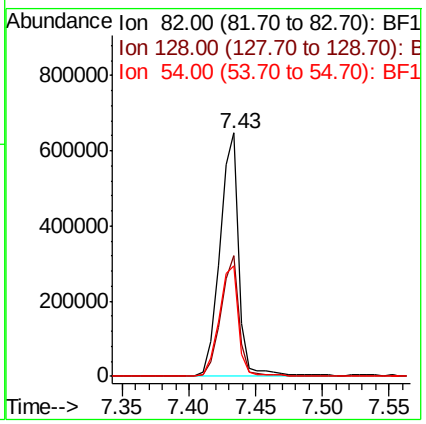


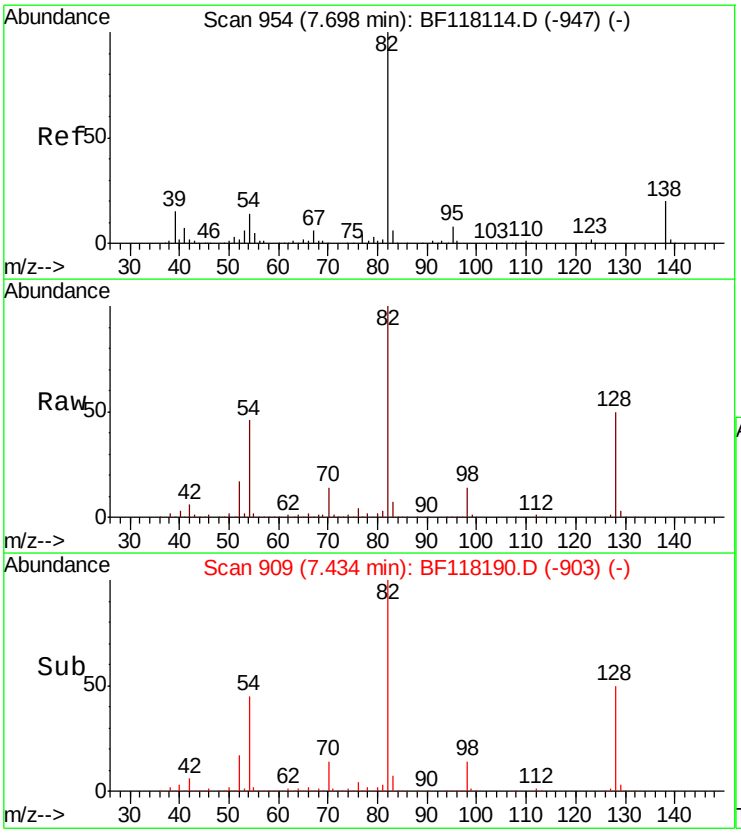
#23
Nitrobenzene-d5
Concen: 83.646 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118190.D
Acq: 13 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 650214

Ion	Ratio	Lower	Upper
82	100		
128	49.6	39.1	58.7
54	45.5	38.2	57.2

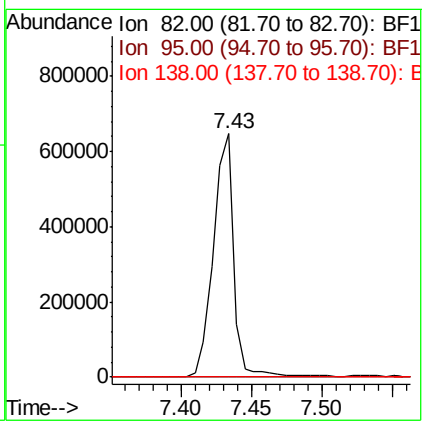


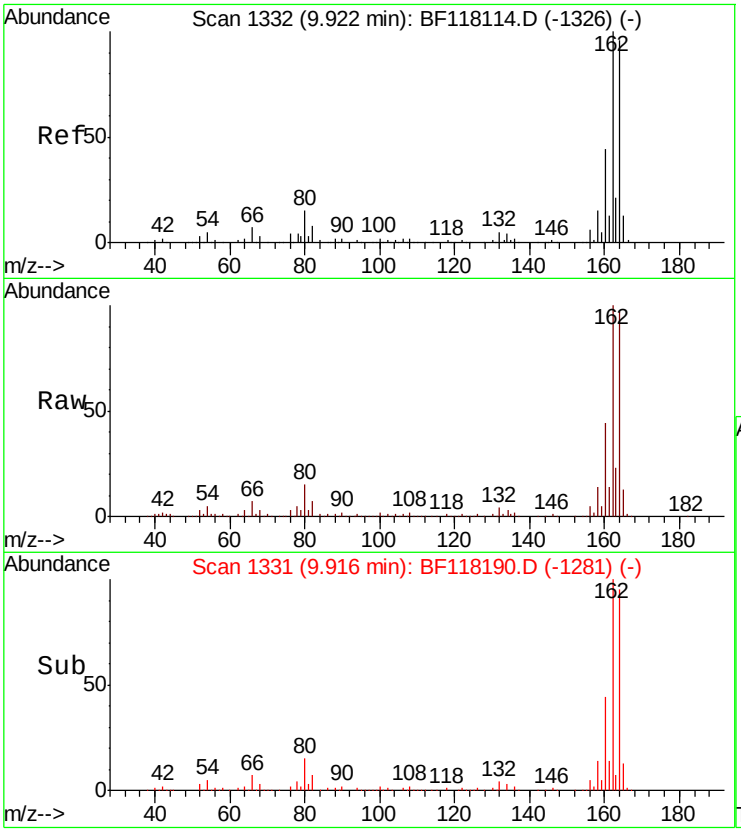


#25
Isophorone
Concen: 48.974 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF118190.D
Acq: 13 Dec 2019 17:07

Tgt Ion: 82 Resp: 645367

Ion	Ratio	Lower	Upper
82	100		
95	0.1	6.3	9.5#
138	0.0	16.3	24.5#



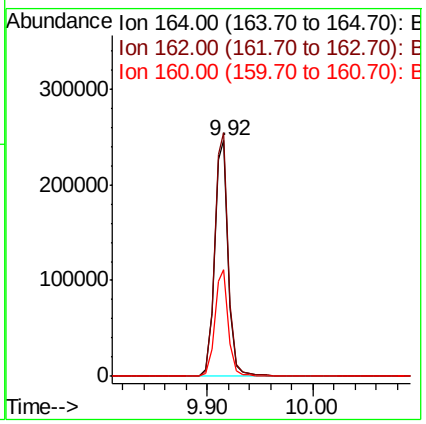


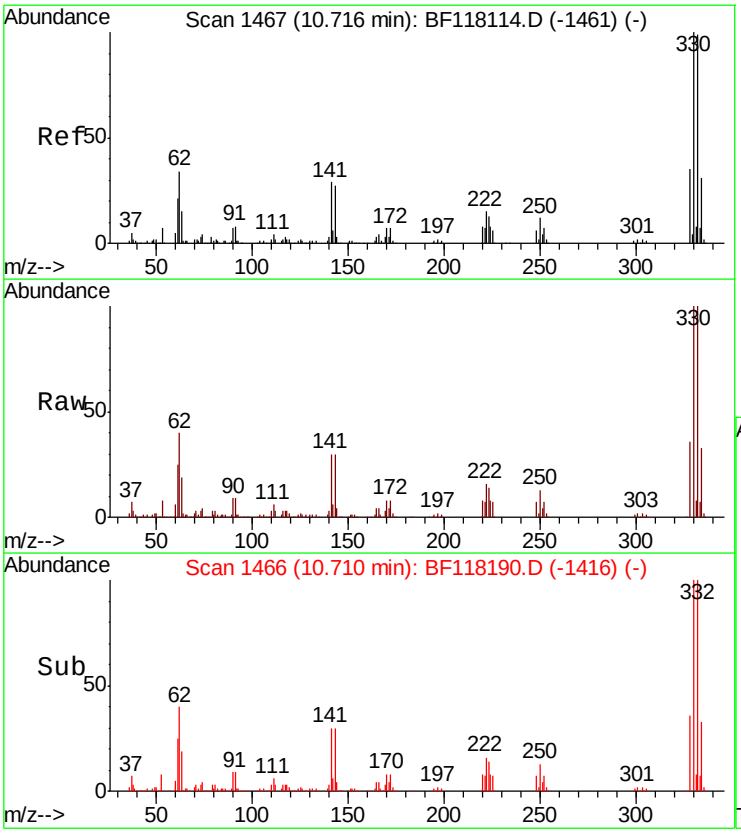
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118190.D
Acq: 13 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 227297

Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.4	125.0
160	45.2	36.6	54.8

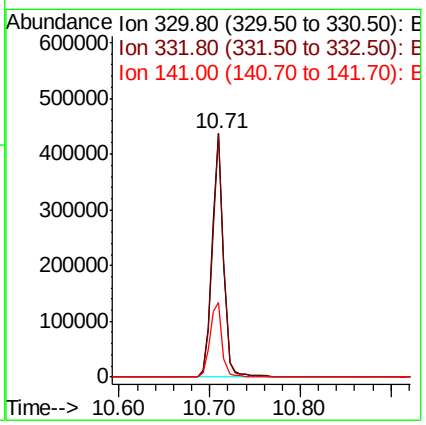


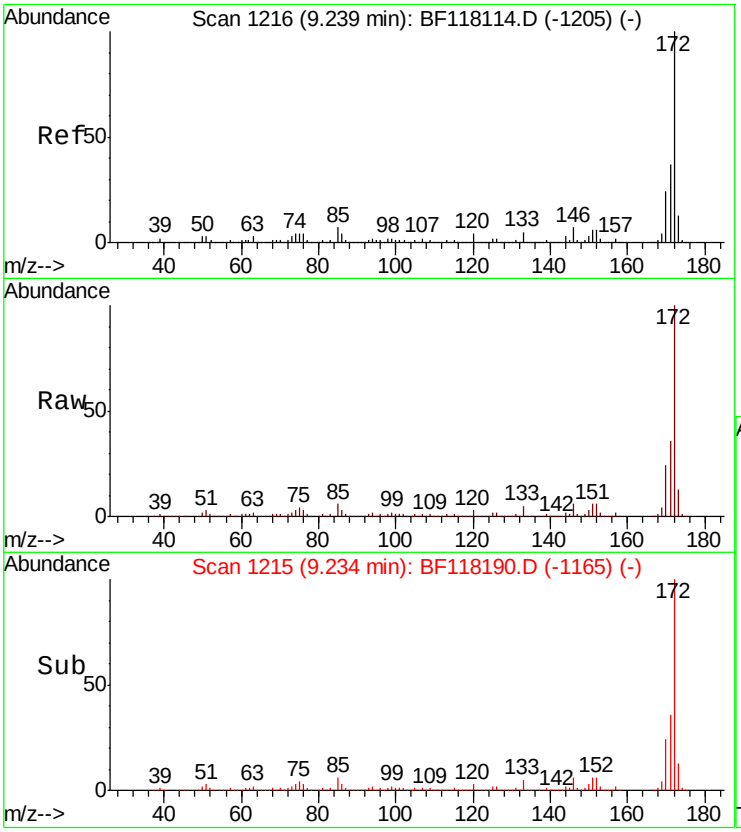


#42
2,4,6-Tribromophenol
Concen: 139.262 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118190.D
Acq: 13 Dec 2019 17:07

Tgt Ion:330 Resp: 384537

Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.1	117.1
141	32.9	26.9	40.3



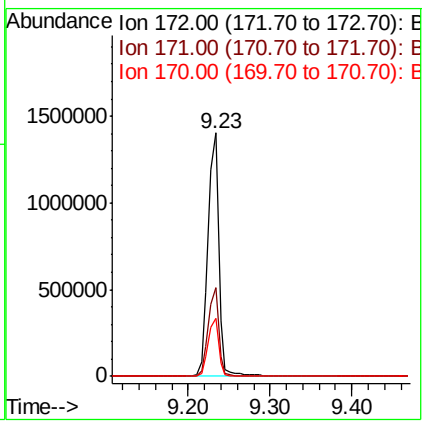


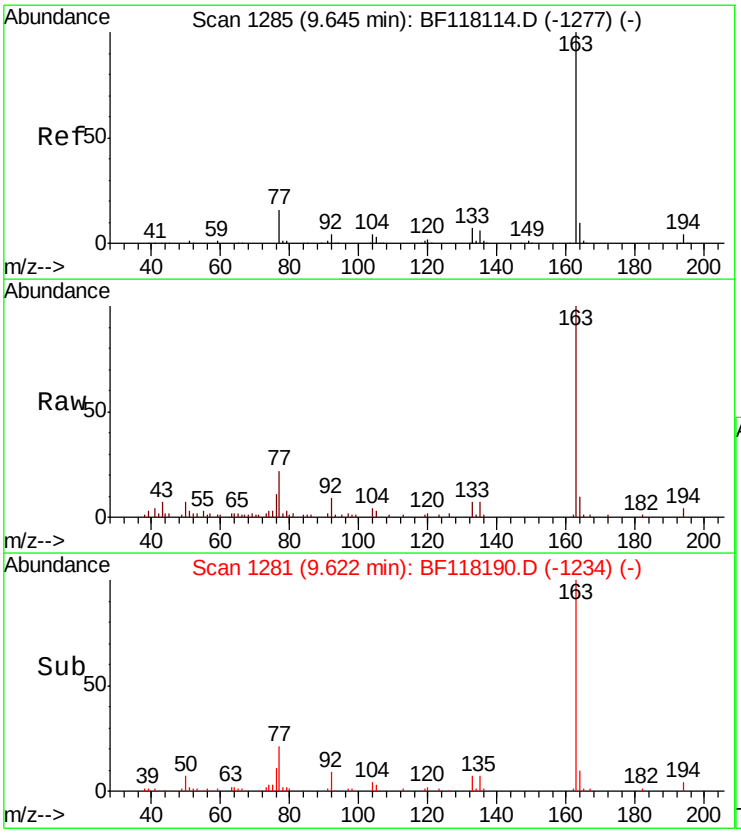
#45
2-Fluorobiphenyl
Concen: 86.715 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118190.D
Acq: 13 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1295309

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	23.8	19.4	29.2

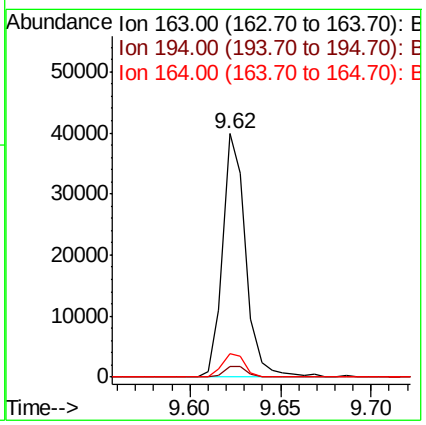


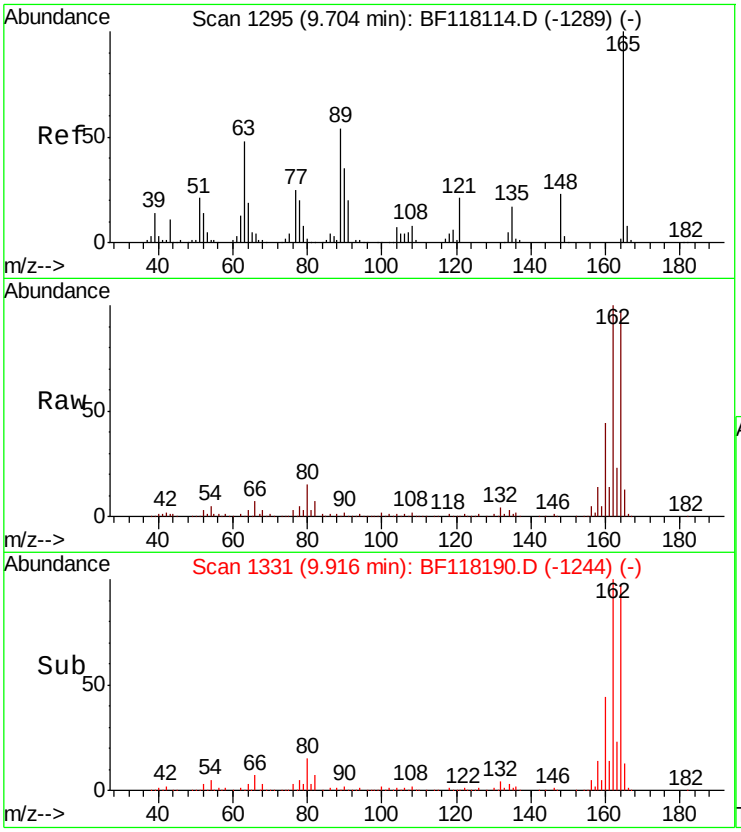


#50
Dimethylphthalate
Concen: 2.109 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118190.D
Acq: 13 Dec 2019 17:07

Tgt Ion:163 Resp: 35410

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.1	4.7
164	9.6	7.7	11.5



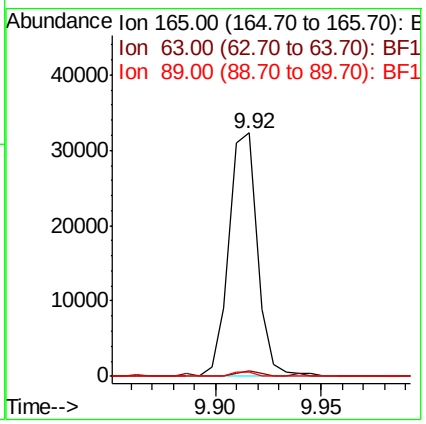


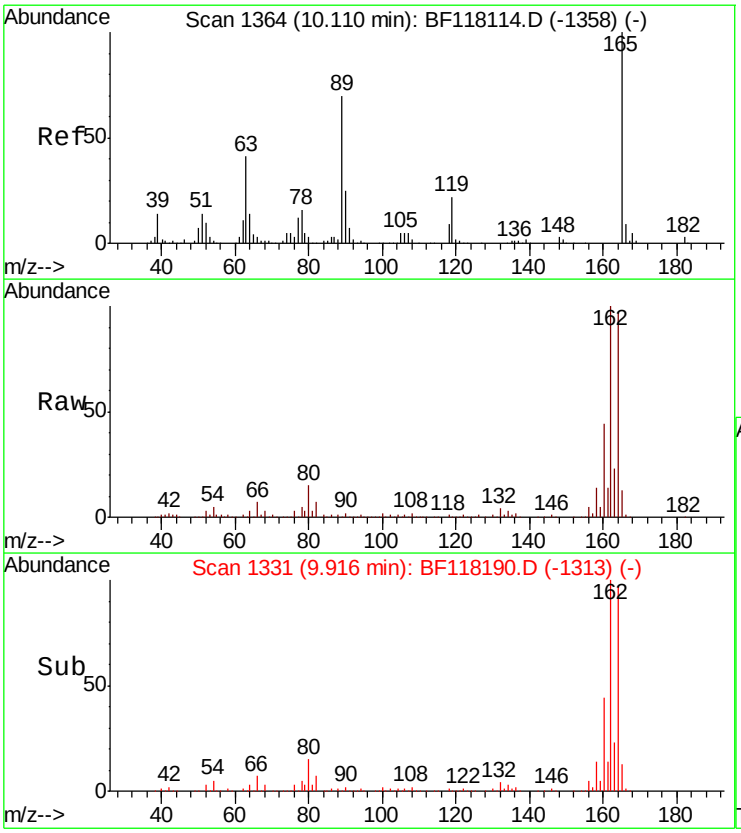
#51
2,6-Dinitrotoluene
Concen: 8.261 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF118190.D
Acq: 13 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 30158

Ion	Ratio	Lower	Upper
165	100		
63	2.0	41.4	62.0#
89	1.6	42.9	64.3#

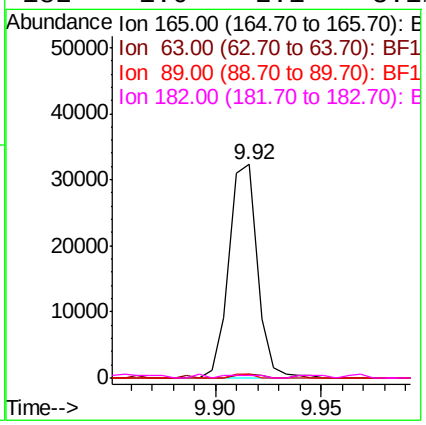


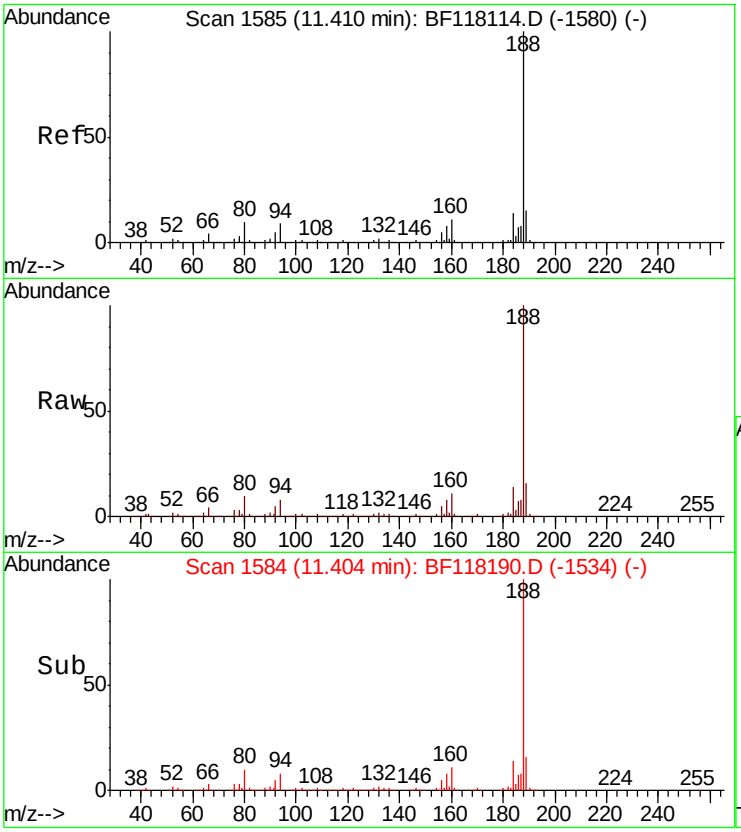


#57
2,4-Dinitrotoluene
Concen: 6.189 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF118190.D
Acq: 13 Dec 2019 17:07

Tgt Ion:165 Resp: 30158

Ion	Ratio	Lower	Upper
165	100		
63	2.0	32.6	49.0#
89	1.6	56.1	84.1#
182	1.0	2.1	3.1#



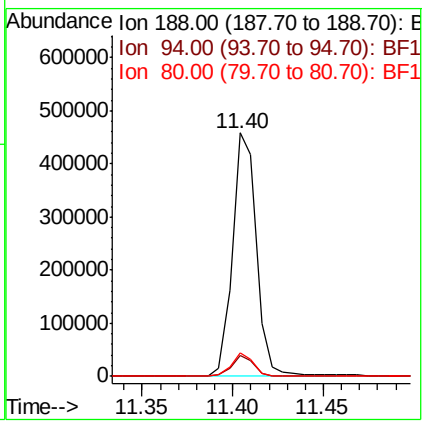


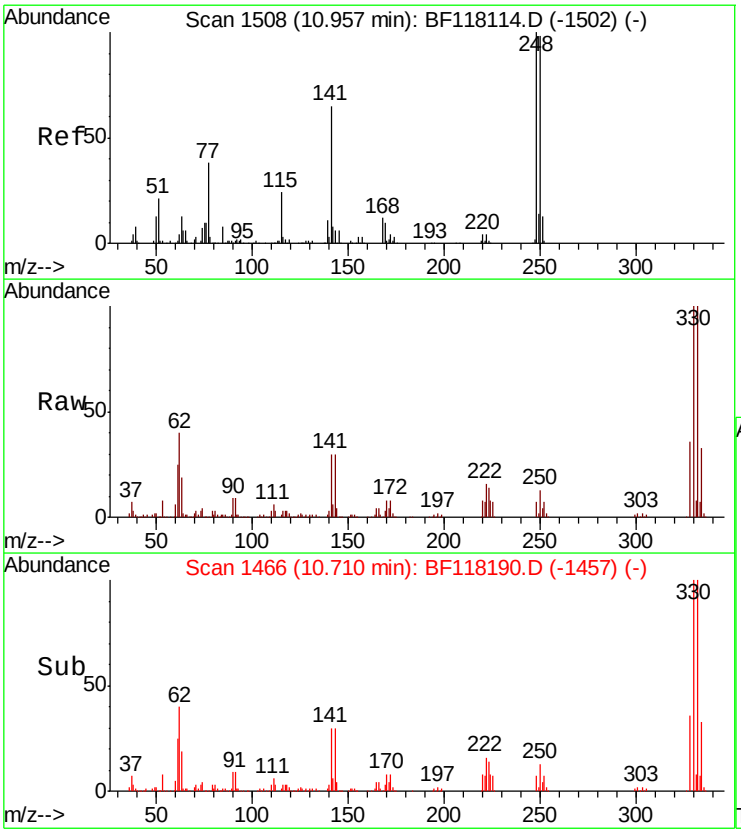
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118190.D
Acq: 13 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 421124

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.1	10.7
80	9.6	7.9	11.9

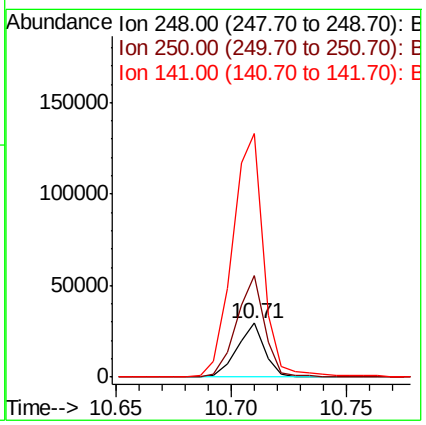


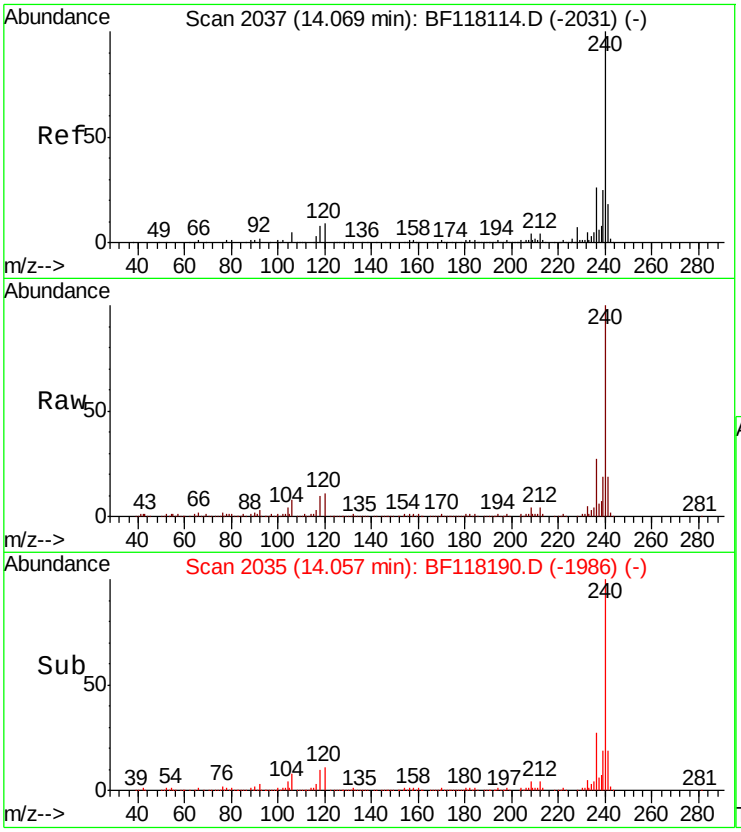


#67
4-Bromophenyl-phenylether
Concen: 5.167 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF118190.D
Acq: 13 Dec 2019 17:07

Tgt Ion:248 Resp: 24838

Ion	Ratio	Lower	Upper
248	100		
250	187.7	78.3	117.5#
141	451.0	52.2	78.4#



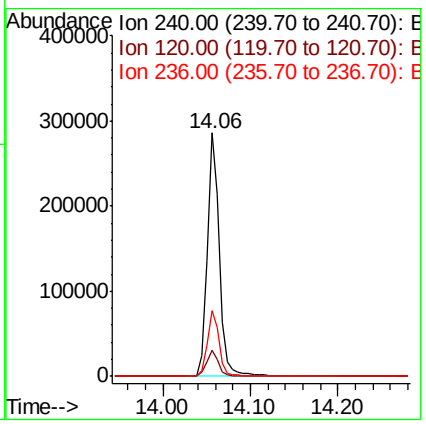


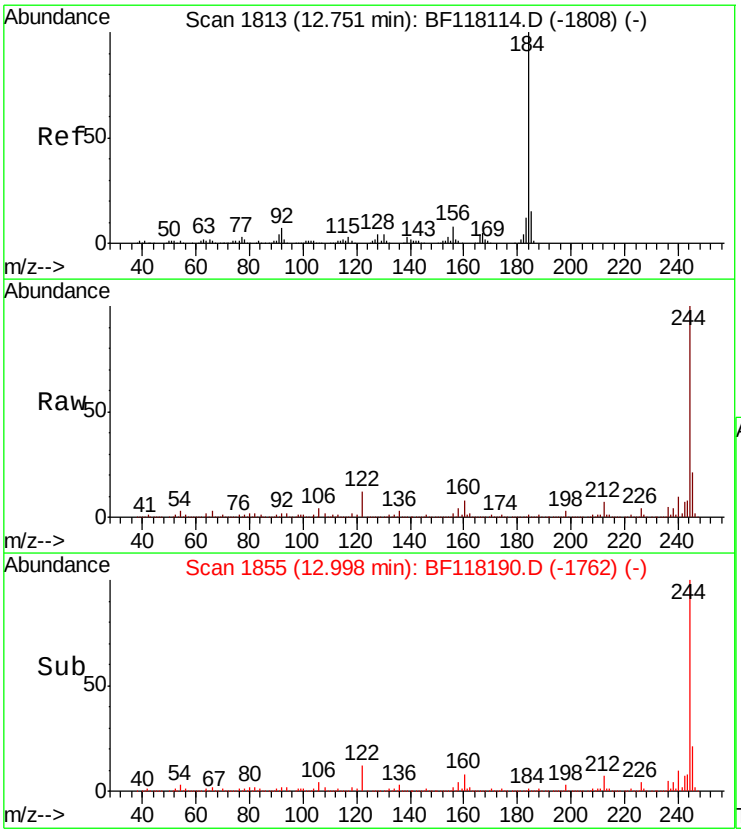
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118190.D
Acq: 13 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 272834

Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.1	10.7#
236	27.1	21.0	31.6

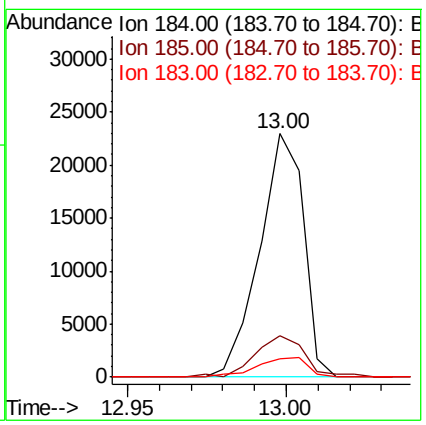


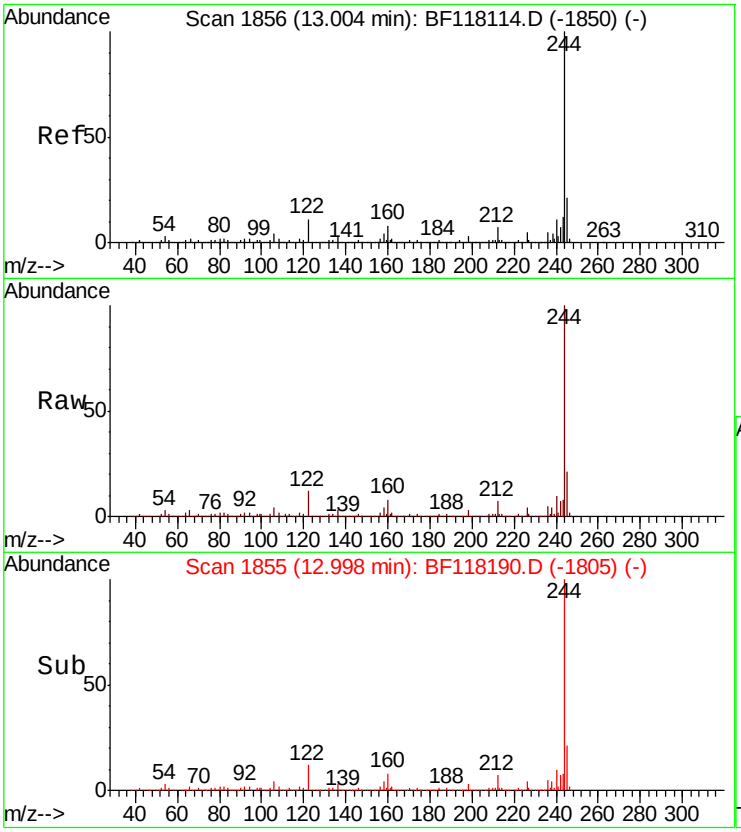


#77
Benzidine
Concen: 3.095 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.25 min
Lab File: BF118190.D
Acq: 13 Dec 2019 17:07

Tgt Ion:184 Resp: 22229

Ion	Ratio	Lower	Upper
184	100		
185	17.0	12.3	18.5
183	7.5	9.9	14.9#



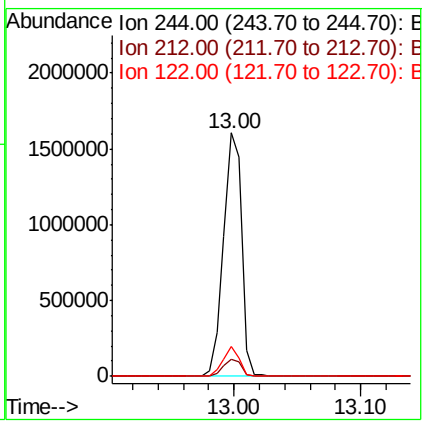


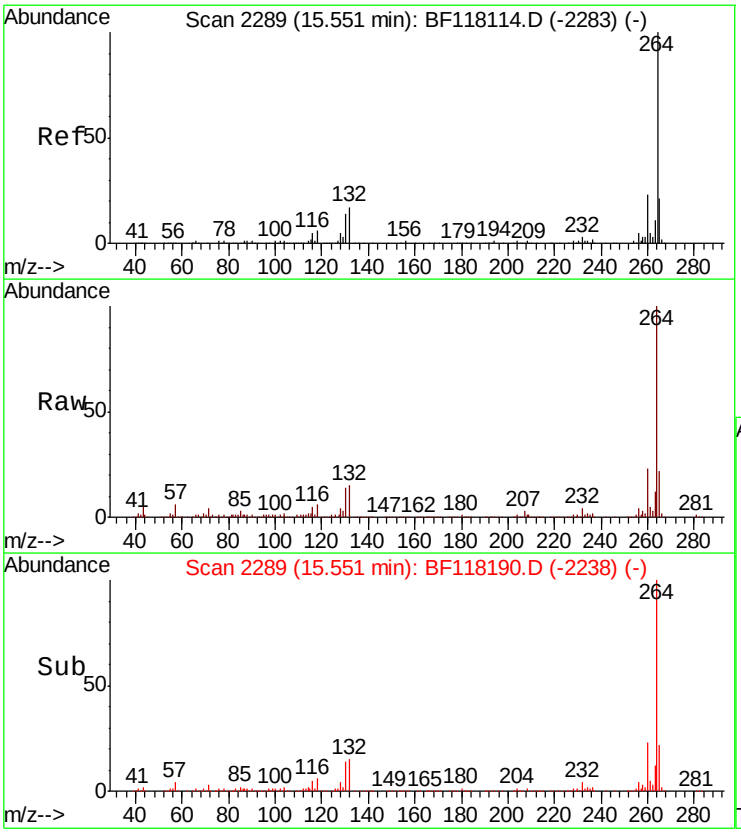
#79
Terphenyl-d14
Concen: 100.592 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF118190.D
Acq: 13 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1595984

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	12.0	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BF118190.D
Acq: 13 Dec 2019 17:07

Tgt Ion:264 Resp: 278710

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	22.0	16.8	25.2