Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
Data File : BF118207.D
Acq On : 16 Dec 2019 20:15
Operator : JU
Sample : K6258-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 17 01:07:22 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	97342	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	367275	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	193705	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	371899	20.00	ng	0.00
76) Chrysene-d12	14.06	240	293395	20.00	ng	-0.01
87) Perylene-d12	15.54	264	285942	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	223042	40.13	ng	-0.01
7) Phenol-d6	6.49	99	175890	26.17	ng	-0.01
23) Nitrobenzene-d5	7.43	82	552934	84.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	225308	95.75	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1146103	90.03	ng	-0.01
79) Terphenyl-d14	13.00	244	1477892	86.62	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.63	77	10280	Below Cal	#	75
19) n-Nitroso-di-n-propylamine	7.43	70	74286	18.186	ng	# 77
25) Isophorone	7.43	82	546430	49.374	ng	# 62
50) Dimethylphthalate	9.62	163	51666	3.611	ng	98
51) 2,6-Dinitrotoluene	9.91	165	25164	8.088	ng	# 28
57) 2,4-Dinitrotoluene	9.91	165	25164	6.060	ng	# 26
67) 4-Bromophenyl-phenylether	10.70	248	13637	3.212	ng	# 1
77) Benzidine	13.00	184	20544	2.660	ng	# 93

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

Quantitation Report (Not Reviewed)

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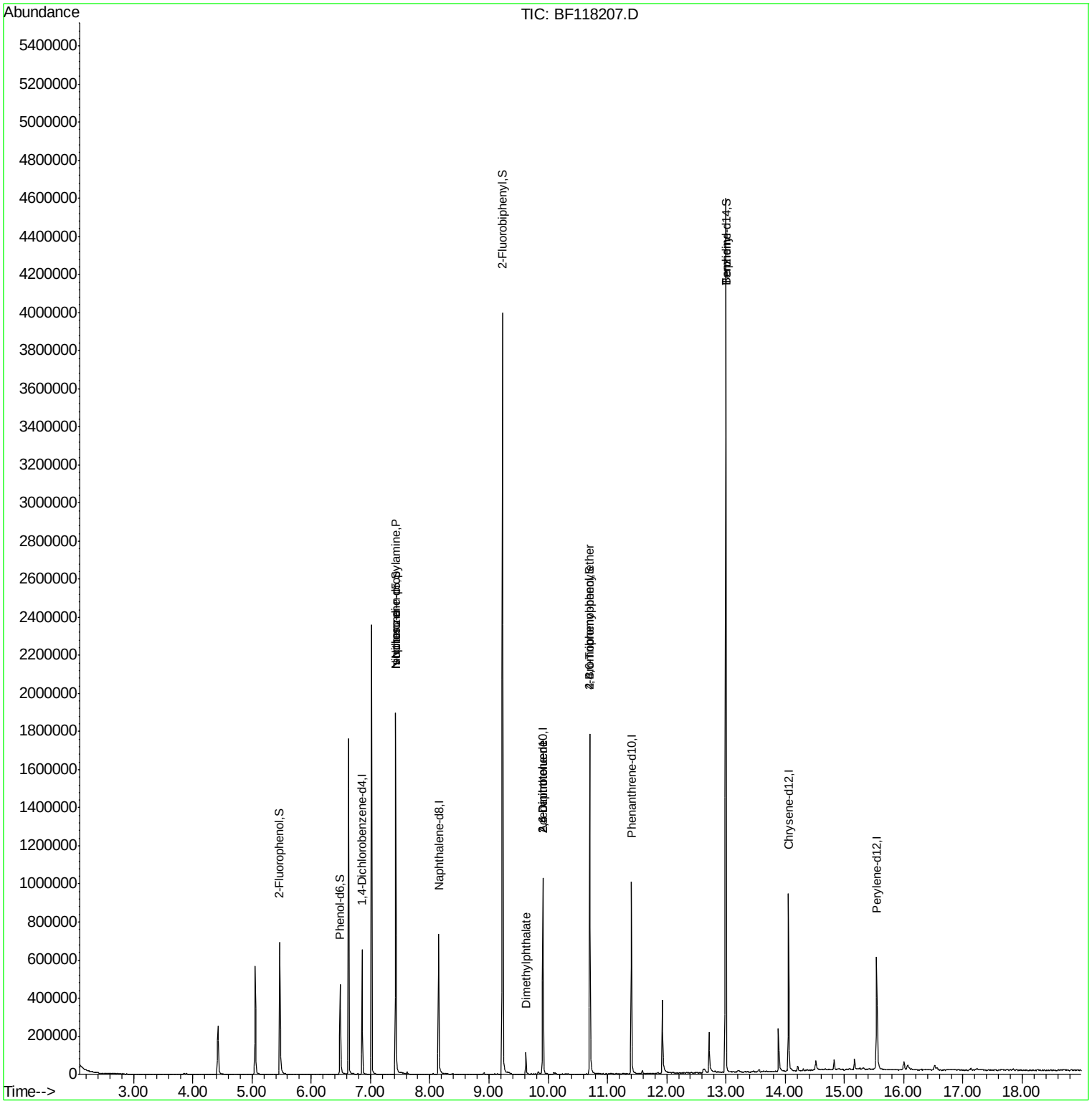
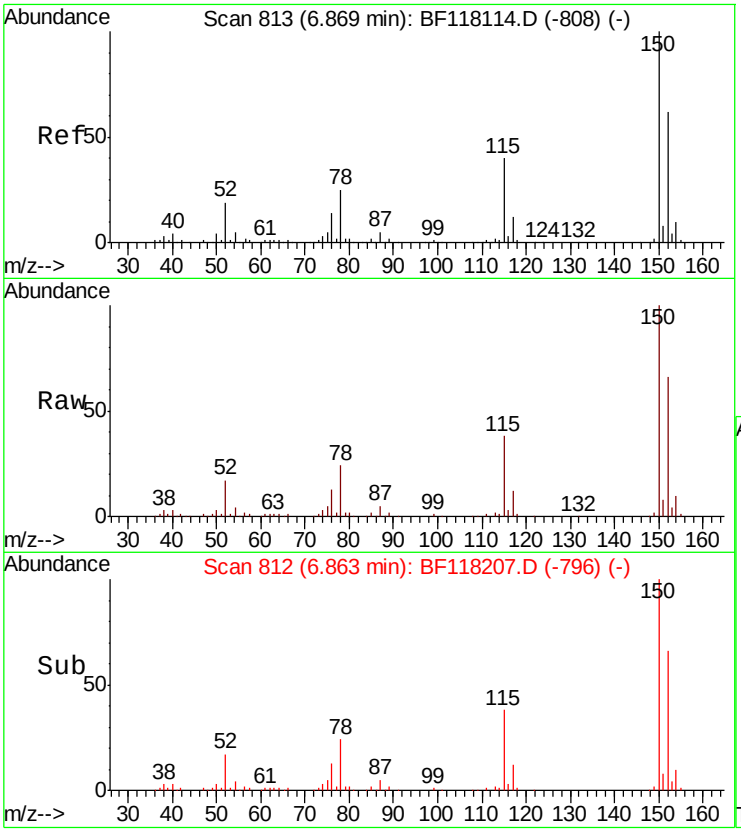
Acq On : 16 Dec 2019 20:15
Operator : JU
Sample : K6258-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 17 01:07:22 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



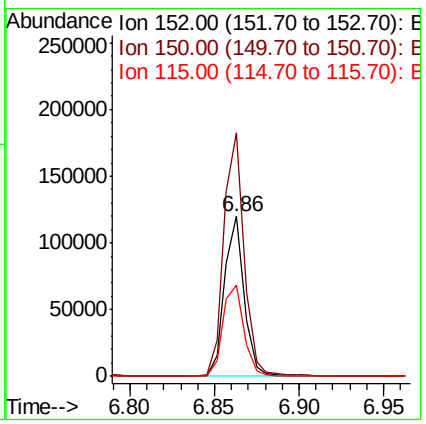


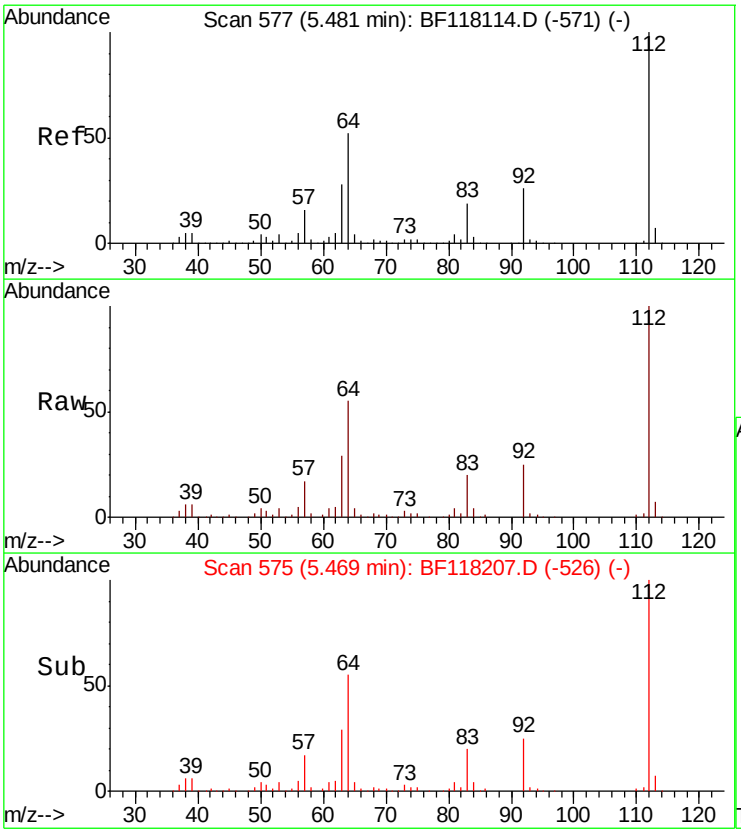
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118207.D
Acq: 16 Dec 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 97342

Ion	Ratio	Lower	Upper
152	100		
150	152.1	128.3	192.5
115	57.1	51.1	76.7

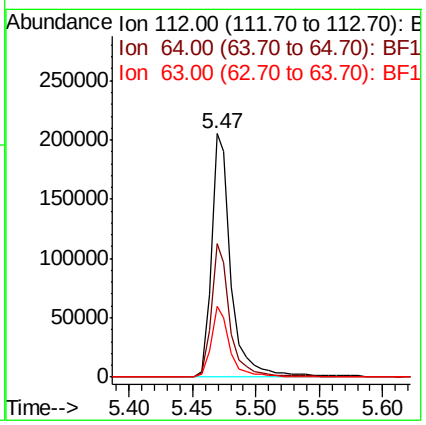


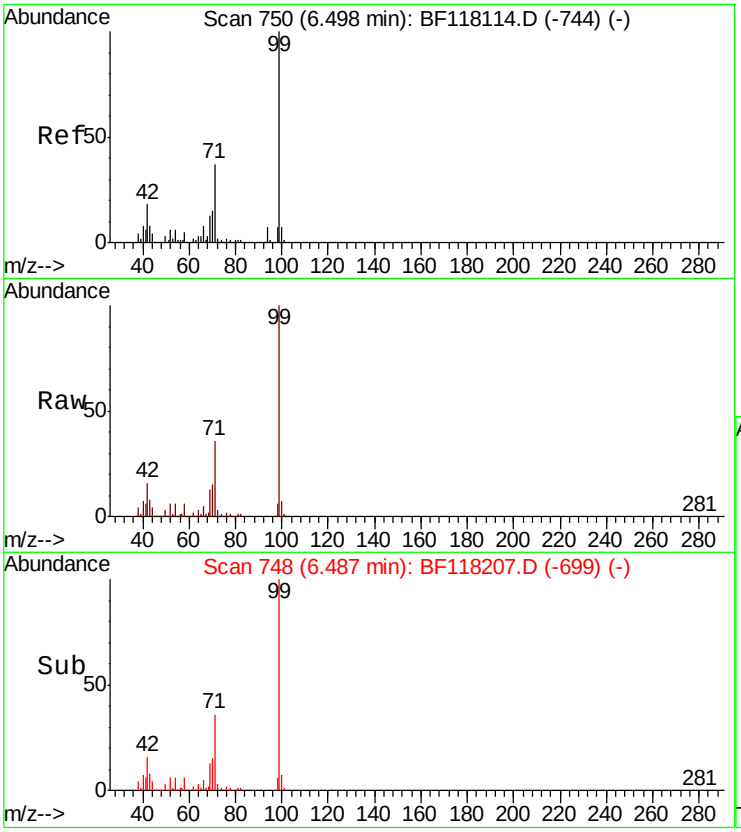


#5
2-Fluorophenol
Concen: 40.132 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF118207.D
Acq: 16 Dec 2019 20:15

Tgt Ion:112 Resp: 223042

Ion	Ratio	Lower	Upper
112	100		
64	55.0	41.3	61.9
63	28.9	22.4	33.6



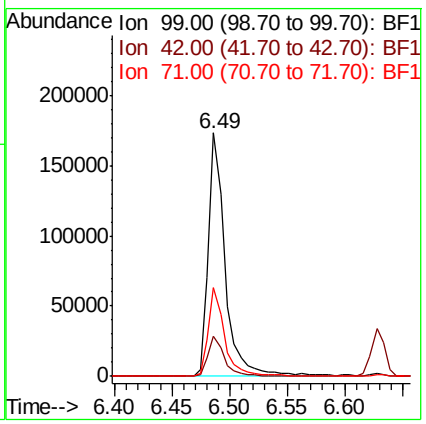


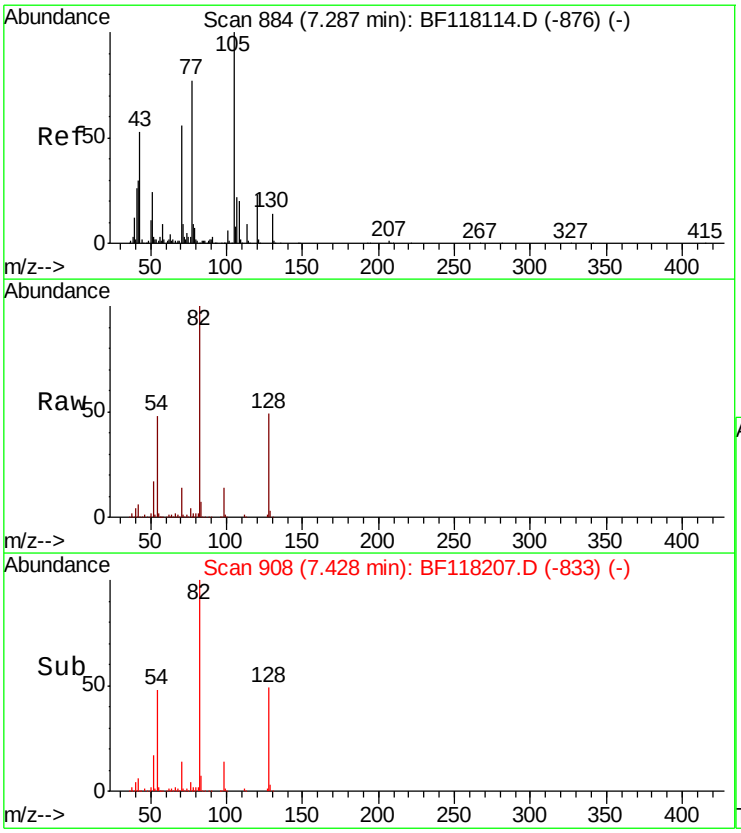
#7
Phenol-d6
Concen: 26.165 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF118207.D
Acq: 16 Dec 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 175890

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.1	21.1
71	36.4	29.7	44.5

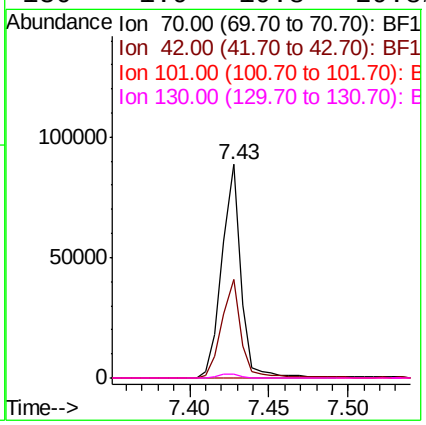


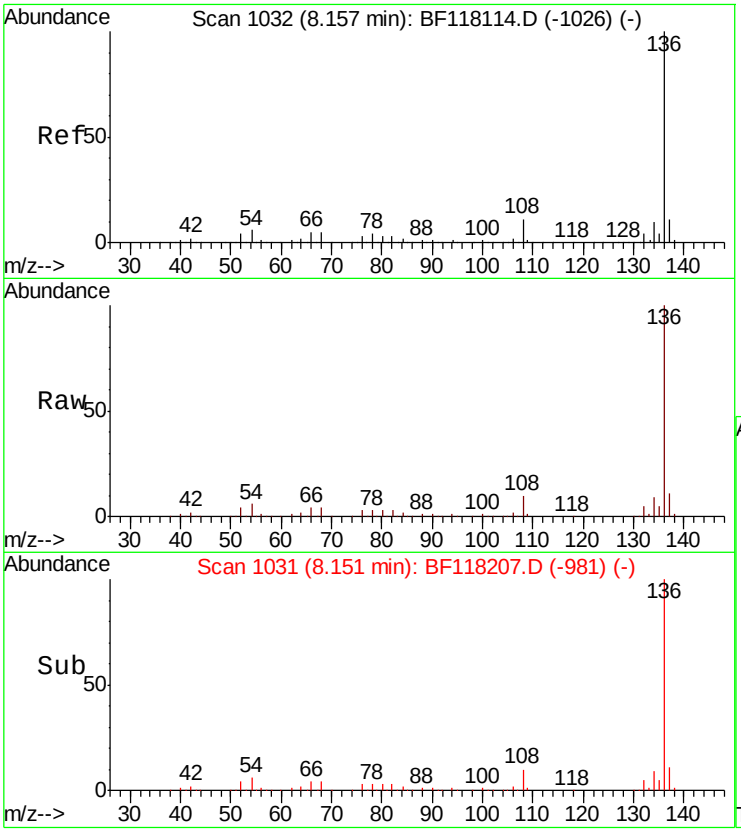


#19
n-Nitroso-di-n-propylamine
Concen: 18.186 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF118207.D
Acq: 16 Dec 2019 20:15

Tgt Ion: 70 Resp: 74286

Ion	Ratio	Lower	Upper
70	100		
42	45.9	43.2	64.8
101	0.0	8.1	12.1#
130	1.9	19.8	29.8#



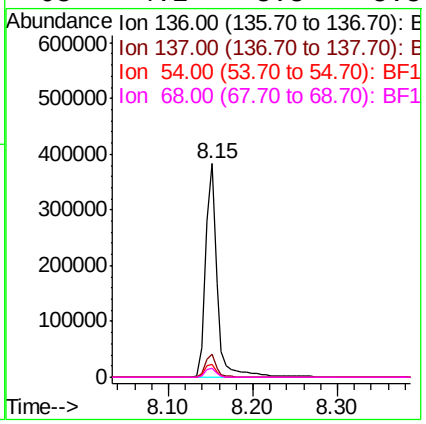


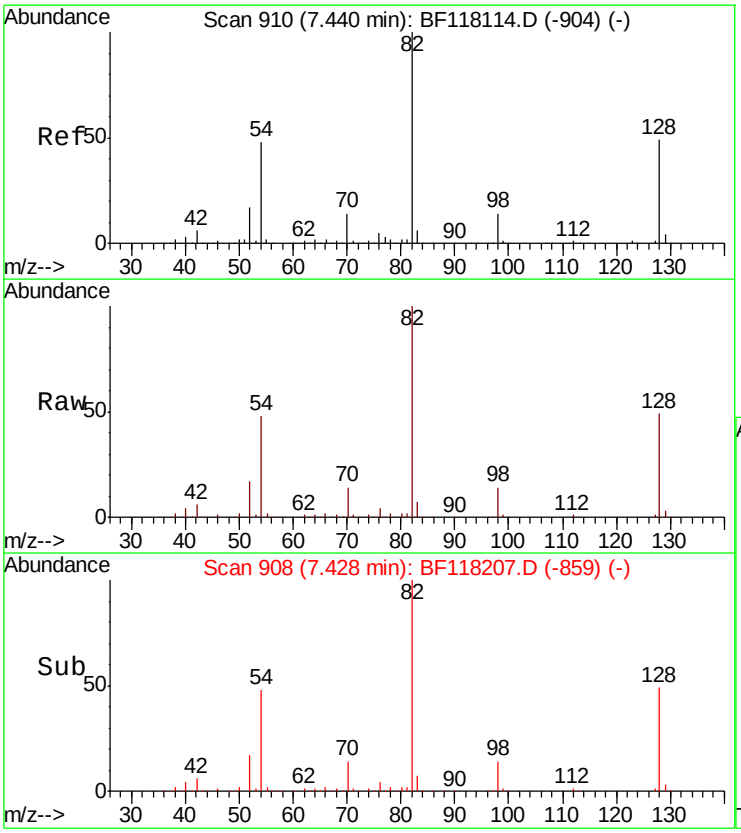
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118207.D
Acq: 16 Dec 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 367275

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	5.8	5.0	7.6
68	4.2	3.8	5.8

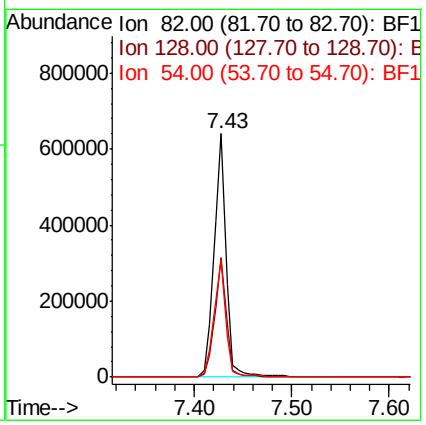


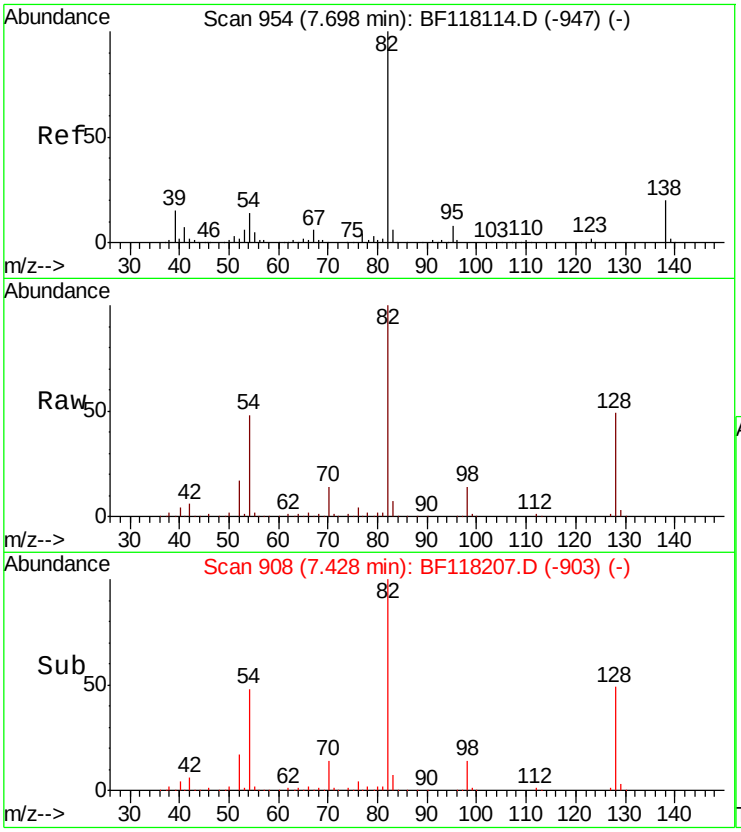


#23
Nitrobenzene-d5
Concen: 84.696 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118207.D
Acq: 16 Dec 2019 20:15

Tgt Ion: 82 Resp: 552934

Ion	Ratio	Lower	Upper
82	100		
128	48.9	39.1	58.7
54	48.2	38.2	57.2



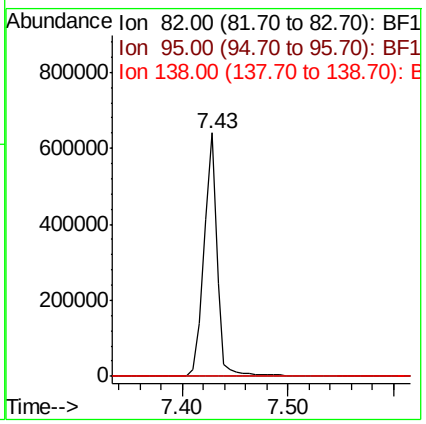


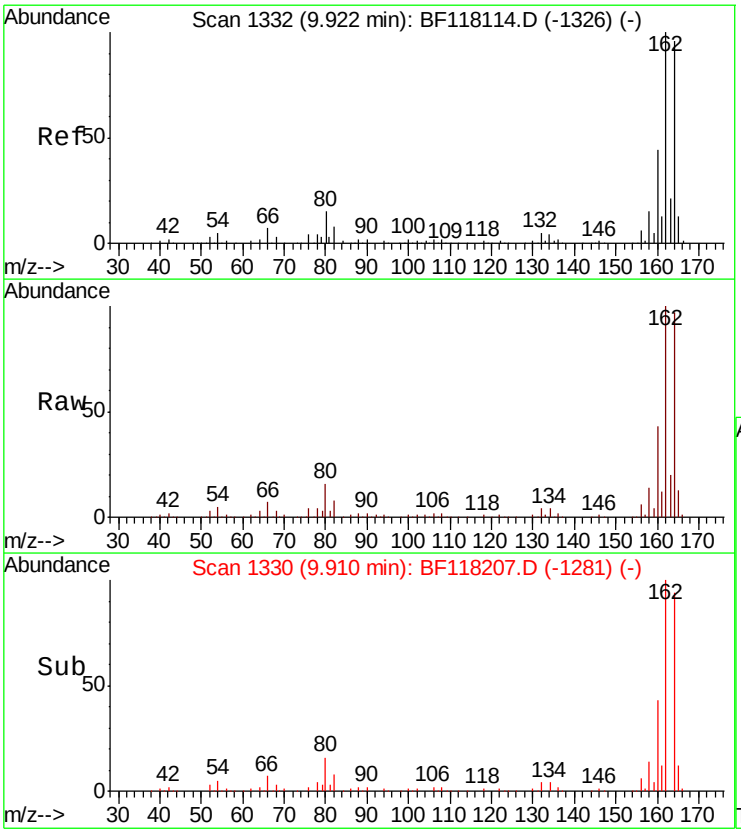
#25
Isophorone
Concen: 49.374 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.27 min
Lab File: BF118207.D
Acq: 16 Dec 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 546430

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

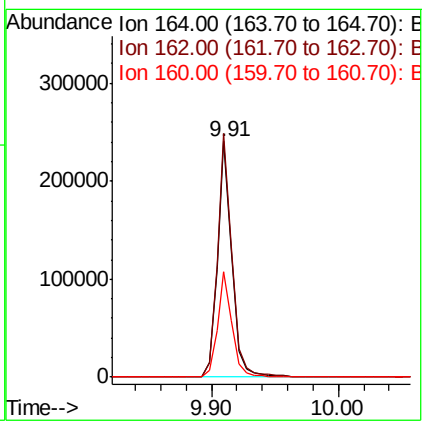


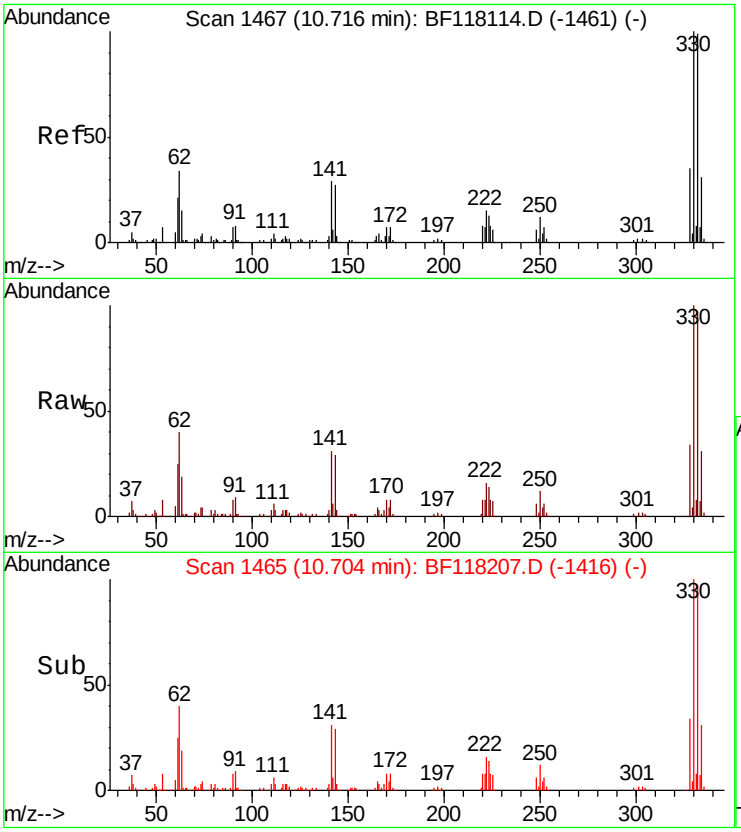


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF118207.D
Acq: 16 Dec 2019 20:15

Tgt Ion:164 Resp: 193705

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.4	125.0
160	44.8	36.6	54.8



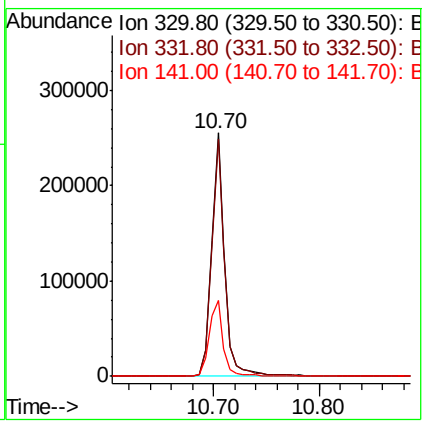


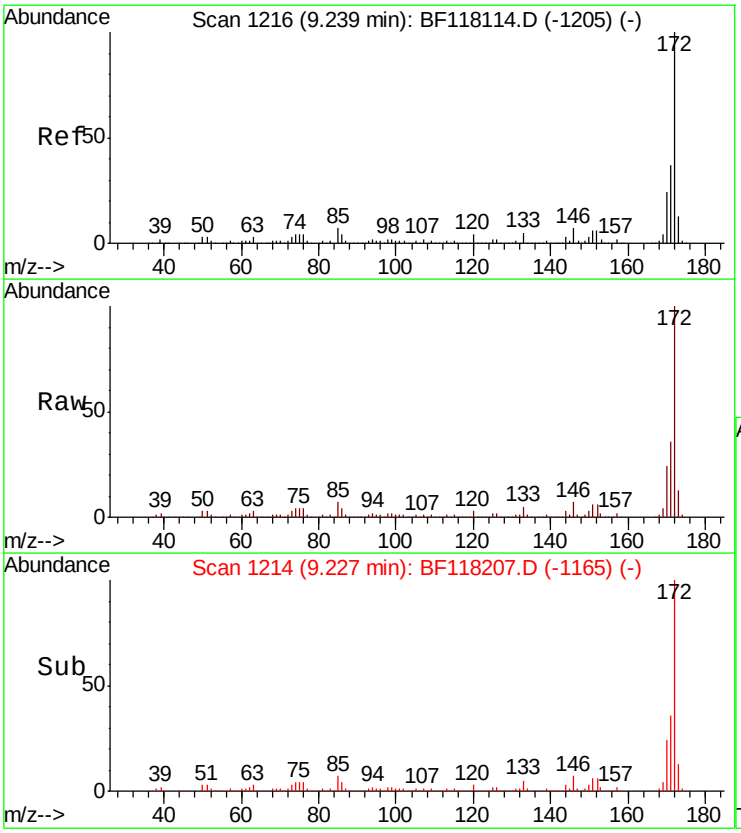
#42
2,4,6-Tribromophenol
Concen: 95.747 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118207.D
Acq: 16 Dec 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 225308

Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.1	117.1
141	33.3	26.9	40.3

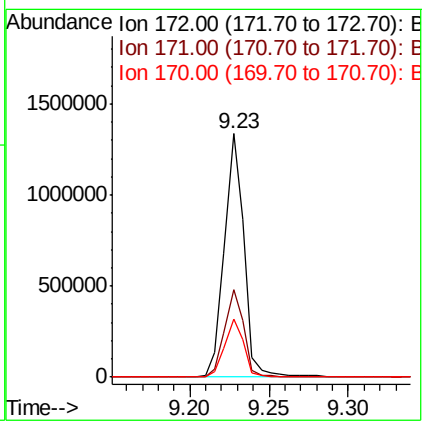


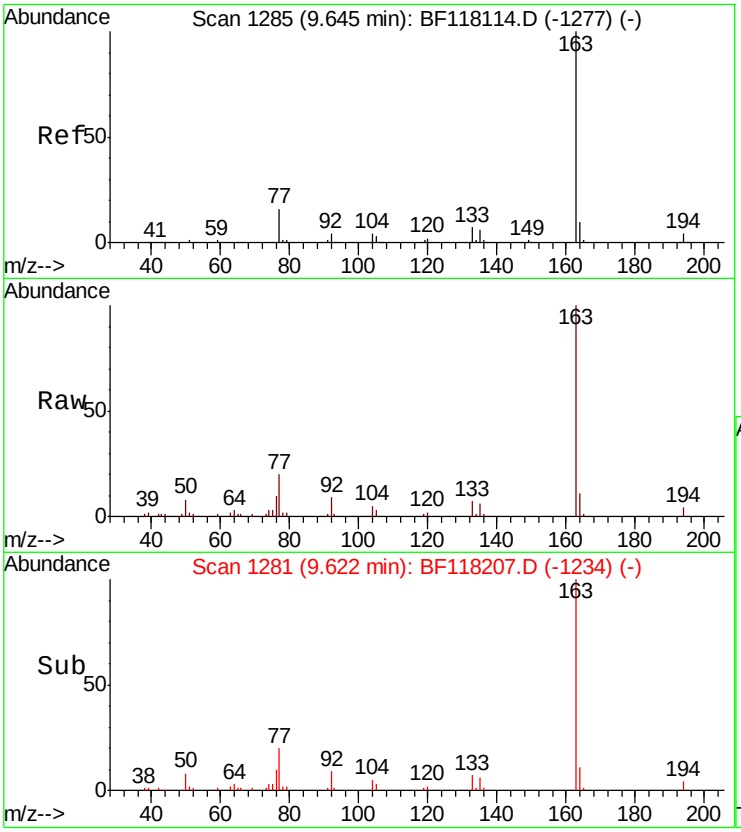


#45
2-Fluorobiphenyl
Concen: 90.032 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118207.D
Acq: 16 Dec 2019 20:15

Tgt Ion:172 Resp: 1146103

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	24.0	19.4	29.2



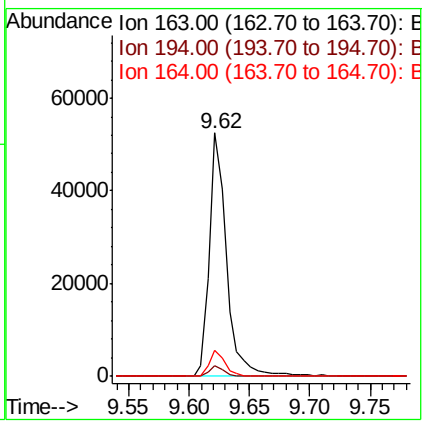


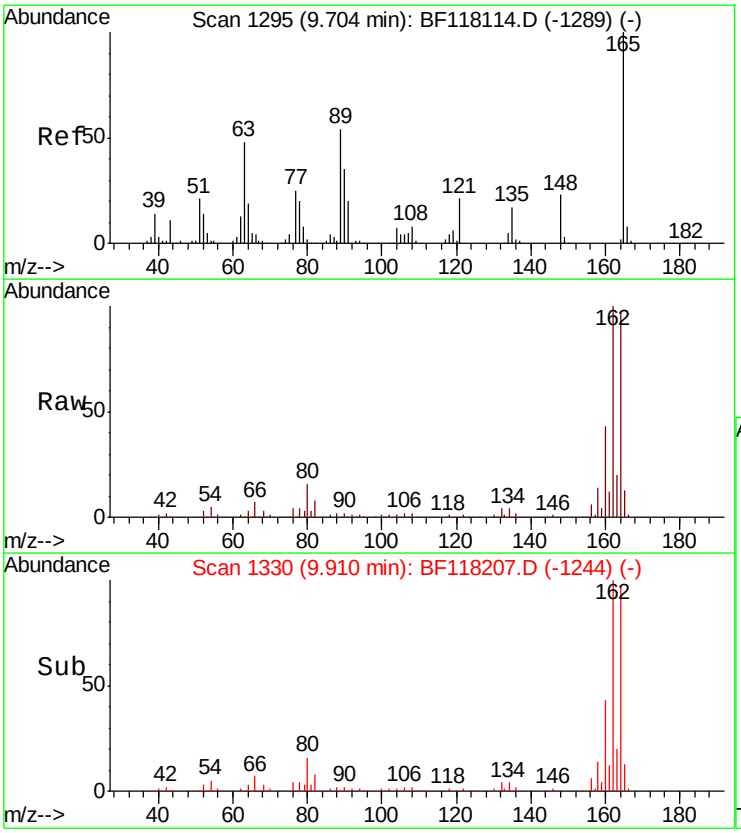
#50
Dimethylphthalate
Concen: 3.611 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118207.D
Acq: 16 Dec 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 51666

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.7	7.7	11.5

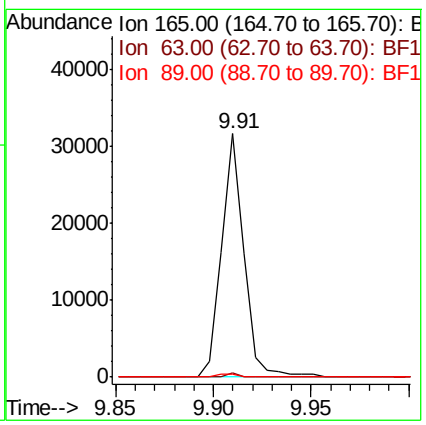


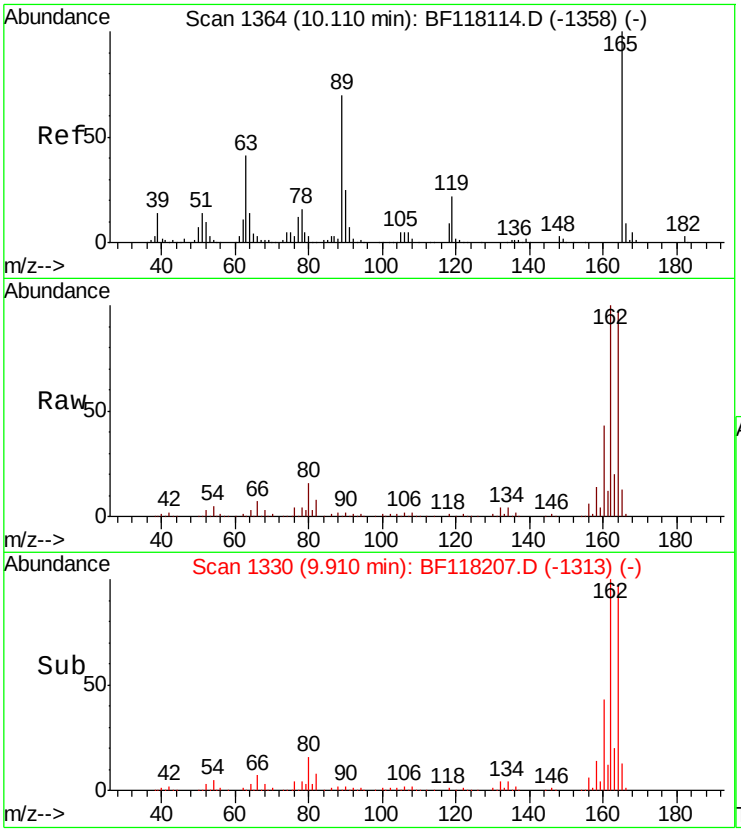


#51
2,6-Dinitrotoluene
Concen: 8.088 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF118207.D
Acq: 16 Dec 2019 20:15

Tgt Ion:165 Resp: 25164

Ion	Ratio	Lower	Upper
165	100		
63	1.7	41.4	62.0#
89	1.4	42.9	64.3#



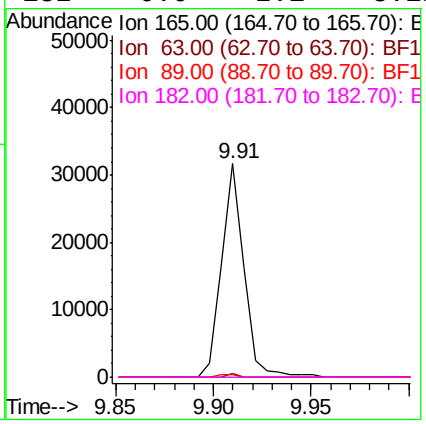


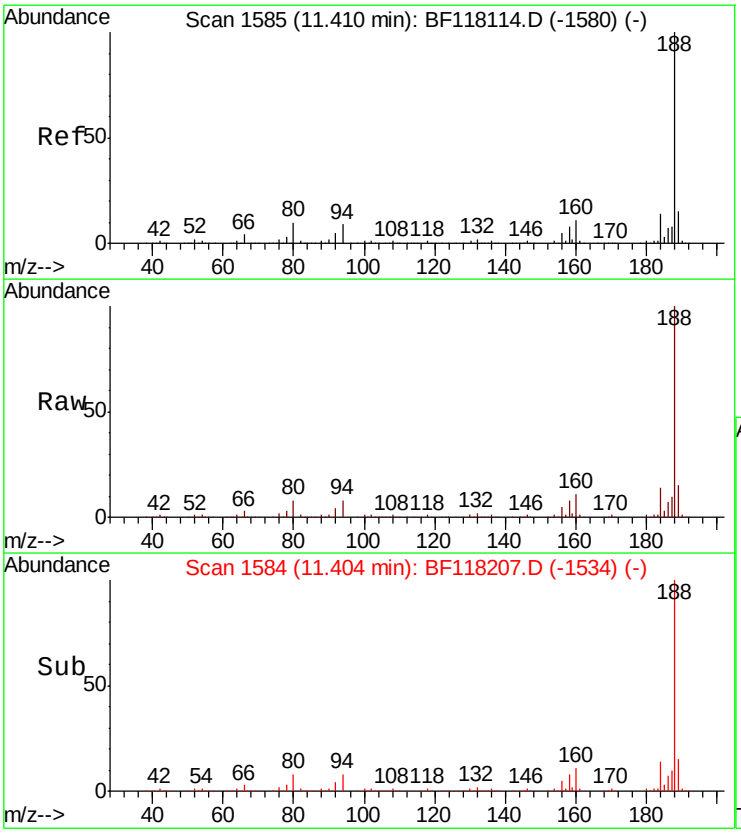
#57
2,4-Dinitrotoluene
Concen: 6.060 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF118207.D
Acq: 16 Dec 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25164

Ion	Ratio	Lower	Upper
165	100		
63	1.7	32.6	49.0#
89	1.4	56.1	84.1#
182	0.0	2.1	3.1#

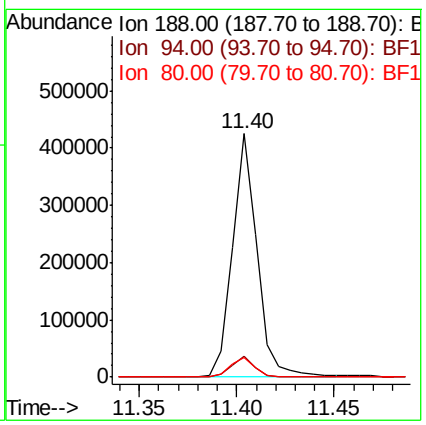


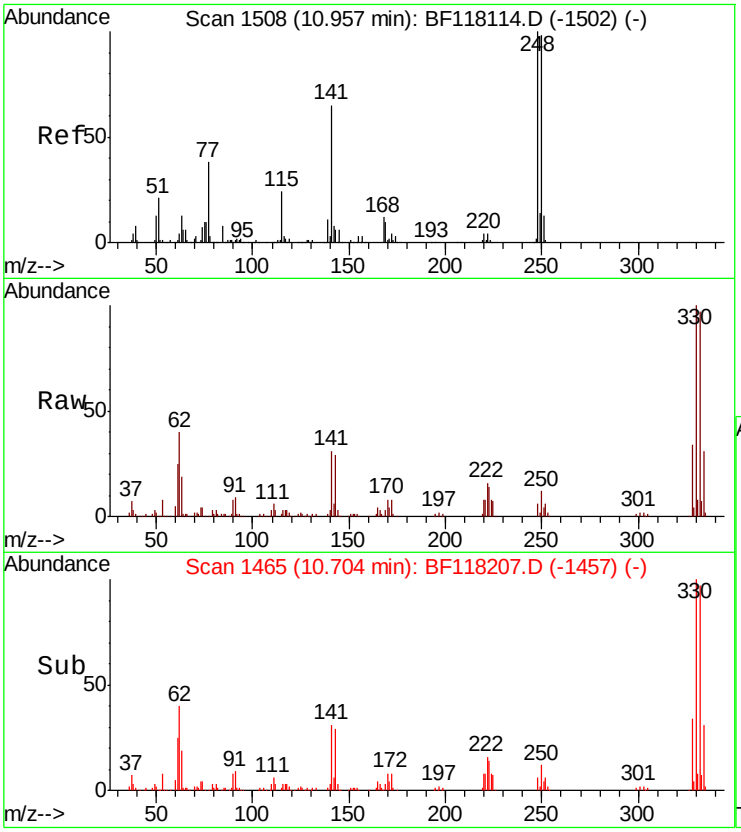


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118207.D
Acq: 16 Dec 2019 20:15

Tgt Ion:188 Resp: 371899

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.1	10.7
80	8.1	7.9	11.9



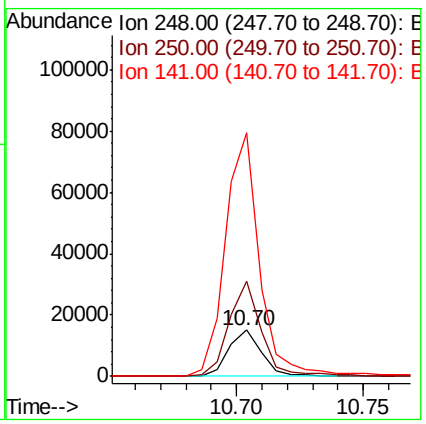


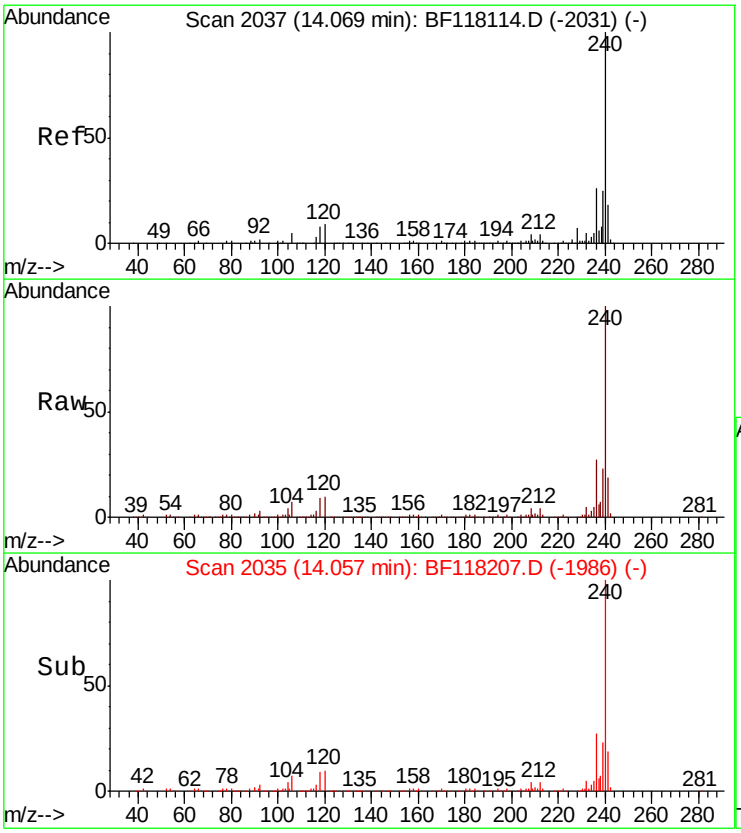
#67
4-Bromophenyl-phenylether
Concen: 3.212 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118207.D
Acq: 16 Dec 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 13637

Ion	Ratio	Lower	Upper
248	100		
250	205.6	78.3	117.5#
141	529.6	52.2	78.4#

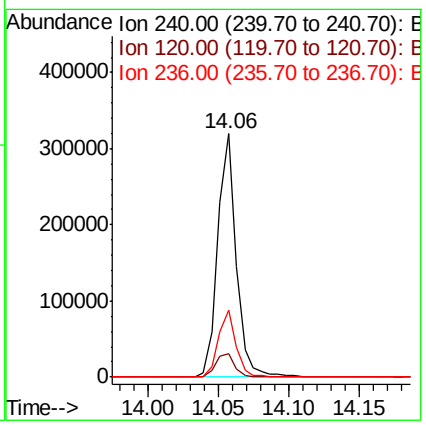


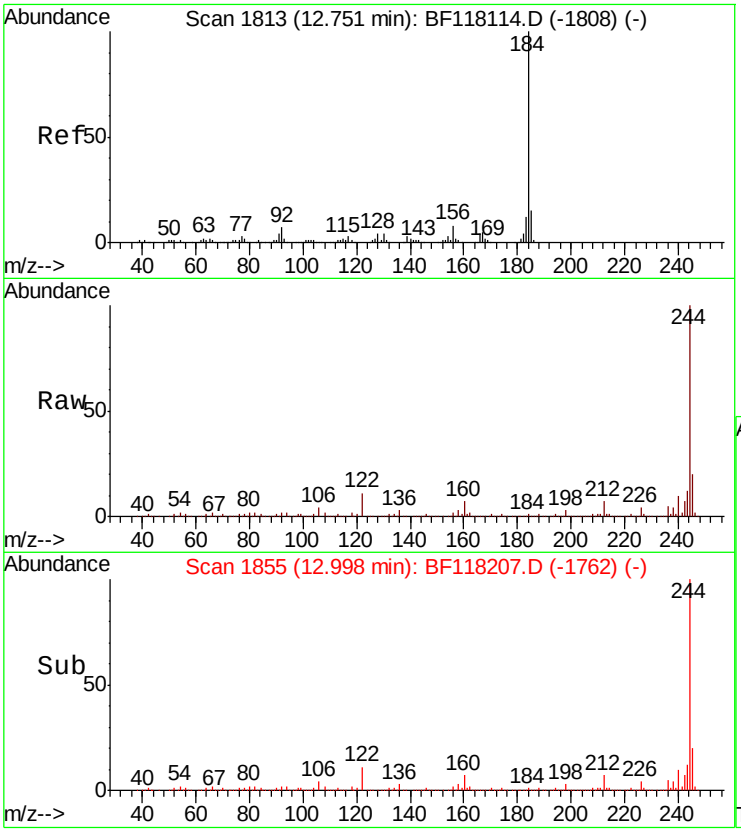


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118207.D
Acq: 16 Dec 2019 20:15

Tgt Ion:240 Resp: 293395

Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.1	10.7
236	27.3	21.0	31.6



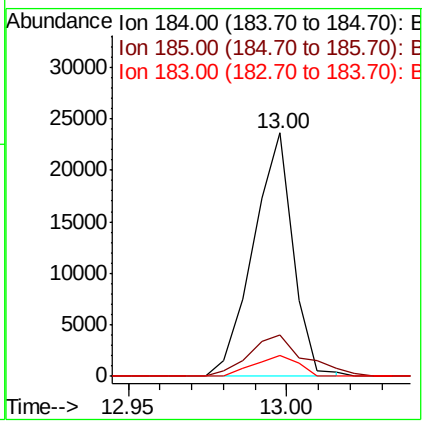


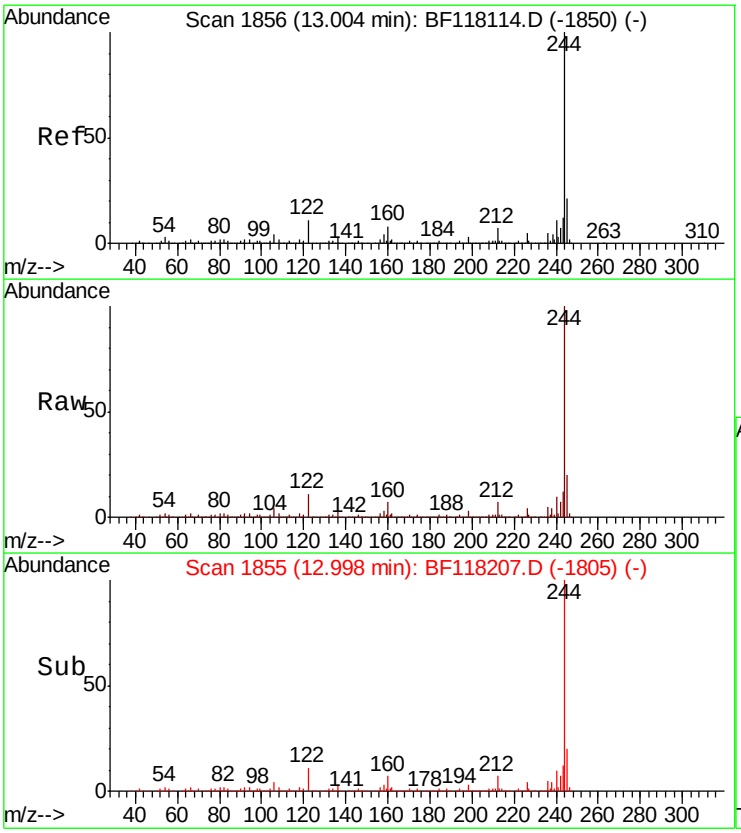
#77
Benzidine
Concen: 2.660 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.25 min
Lab File: BF118207.D
Acq: 16 Dec 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 20544

Ion	Ratio	Lower	Upper
184	100		
185	17.2	12.3	18.5
183	8.8	9.9	14.9#

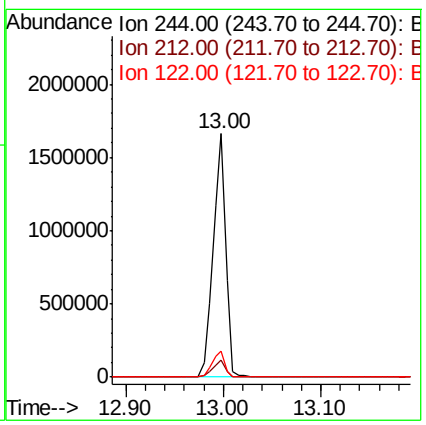


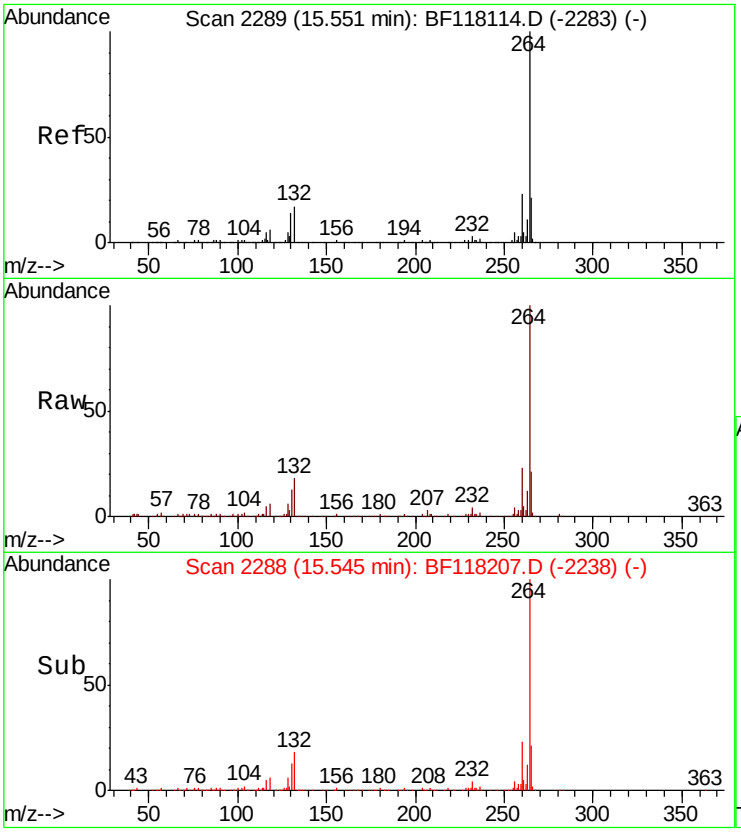


#79
Terphenyl-d14
Concen: 86.621 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF118207.D
Acq: 16 Dec 2019 20:15

Tgt Ion:244 Resp: 1477892

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	10.9	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: BF118207.D
Acq: 16 Dec 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 285942

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.4	16.8	25.2