

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
 Data File : BF121956.D
 Acq On : 14 Oct 2020 14:00
 Operator : JU/CG
 Sample : L4225-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-100920

Quant Time: Oct 14 14:32:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 16:22:33 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

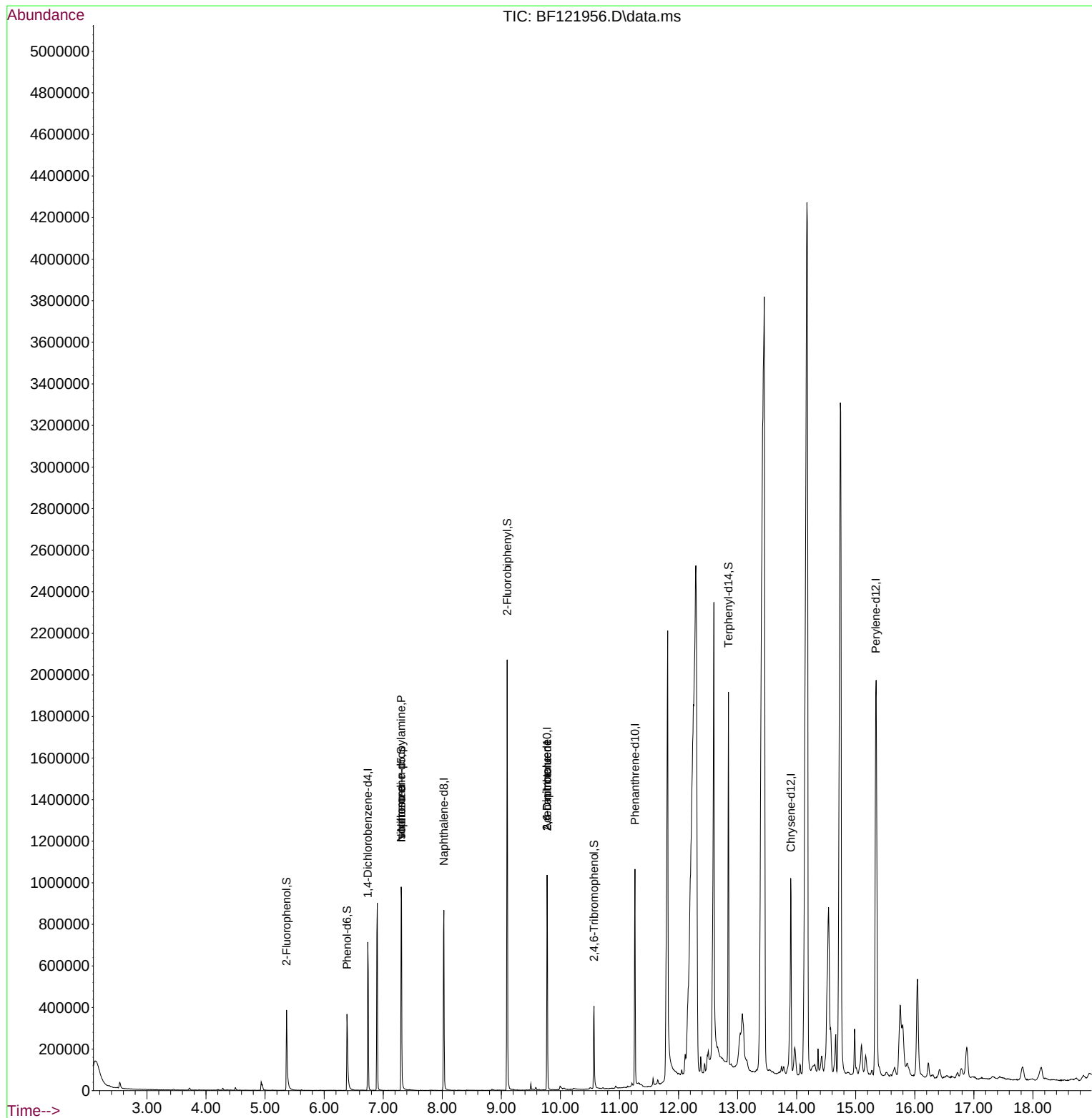
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	101909	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	395596	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	200235	20.00	ng	-0.01
64) Phenanthrene-d10	11.263	188	363172	20.00	ng	-0.01
76) Chrysene-d12	13.904	240	259048	20.00	ng	-0.01
86) Perylene-d12	15.339	264	200319	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	137434	19.90	ng	0.00
7) Phenol-d6	6.387	99	158776	17.86	ng	-0.01
23) Nitrobenzene-d5	7.304	82	337586	43.76	ng	-0.02
42) 2,4,6-Tribromophenol	10.569	330	54667	22.07	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	613432	45.08	ng	-0.01
79) Terphenyl-d14	12.845	244	537638	39.55	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	44387	8.77	ng	Qvalue # 81
25) Isophorone	7.304	82	334261	22.92	ng	# 67
51) 2,6-Dinitrotoluene	9.775	165	24993	7.78	ng	# 21
57) 2,4-Dinitrotoluene	9.775	165	24993	6.32	ng	# 20

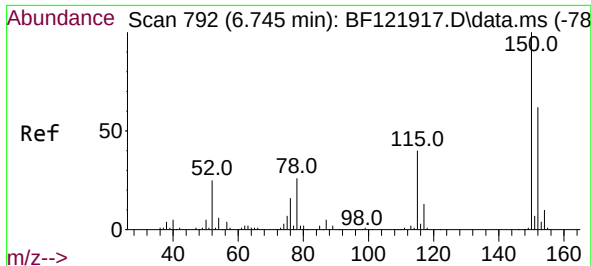
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
Data File : BF121956.D
Acq On : 14 Oct 2020 14:00
Operator : JU/CG
Sample : L4225-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-100920

Quant Time: Oct 14 14:32:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 16:22:33 2020
Response via : Initial Calibration

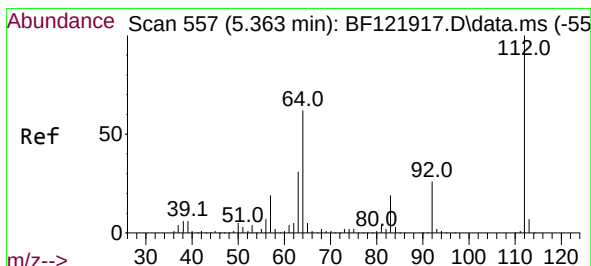
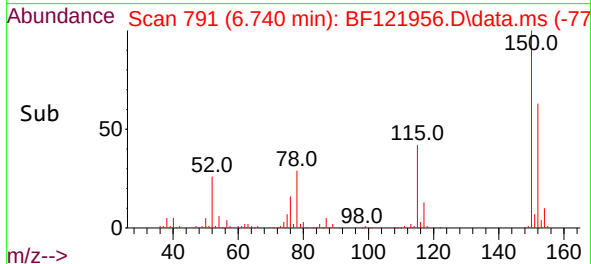
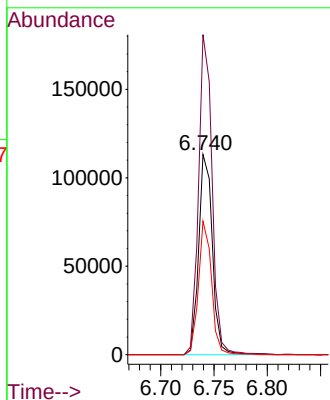
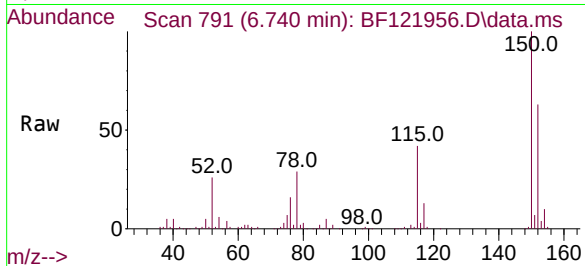




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.740 min Scan# 791
 Delta R.T. -0.005 min
 Lab File: BF121956.D
 Acq: 14 Oct 2020 14:00

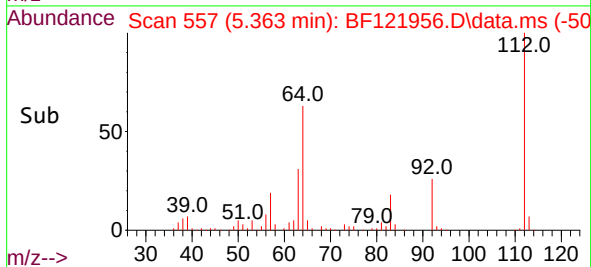
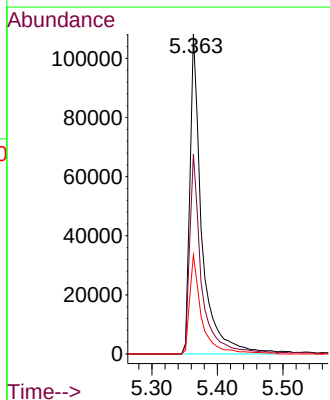
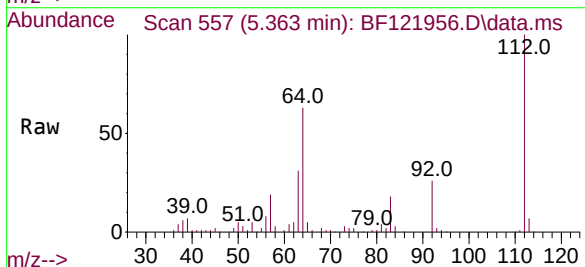
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-100920

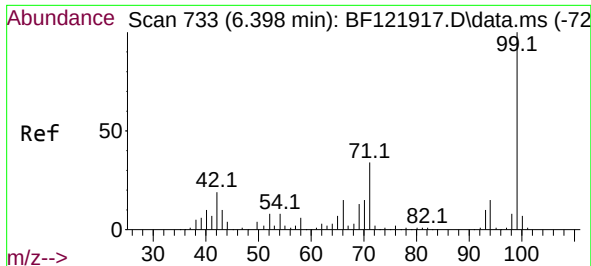
Tgt Ion:152 Resp: 101909
 Ion Ratio Lower Upper
 152 100
 150 159.9 125.3 187.9
 115 66.7 51.9 77.9



#5
 2-Fluorophenol
 Concen: 19.90 ng
 RT: 5.363 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: BF121956.D
 Acq: 14 Oct 2020 14:00

Tgt Ion:112 Resp: 137434
 Ion Ratio Lower Upper
 112 100
 64 62.5 50.4 75.6
 63 30.9 25.8 38.6

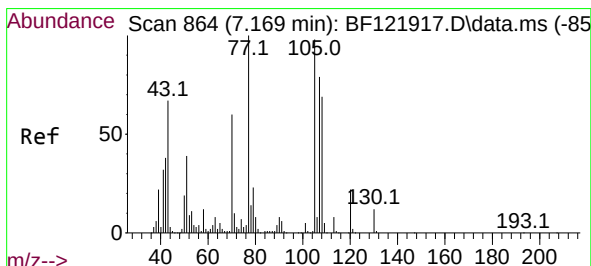
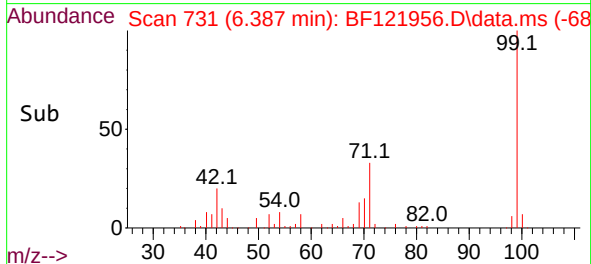
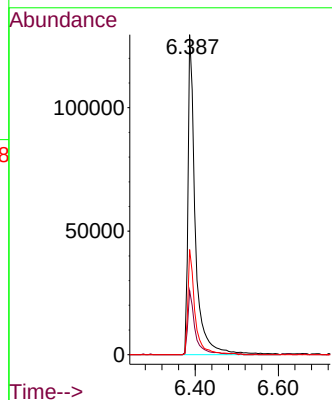
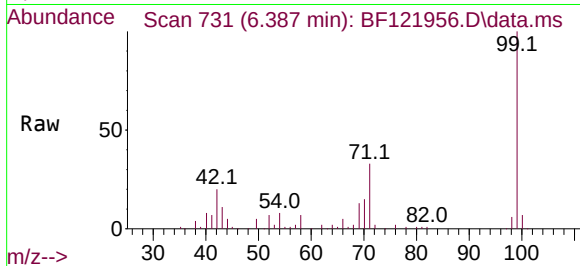




#7
Phenol-d6
Concen: 17.86 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF121956.D
Acq: 14 Oct 2020 14:00

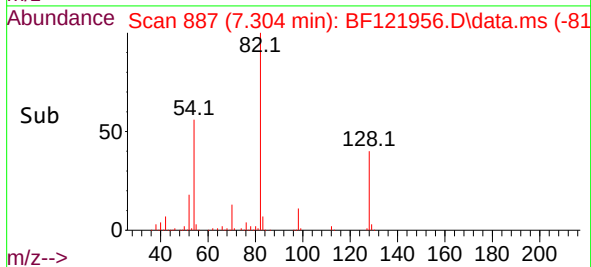
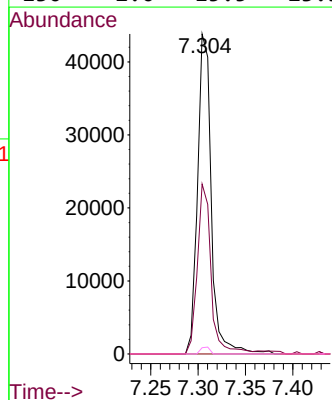
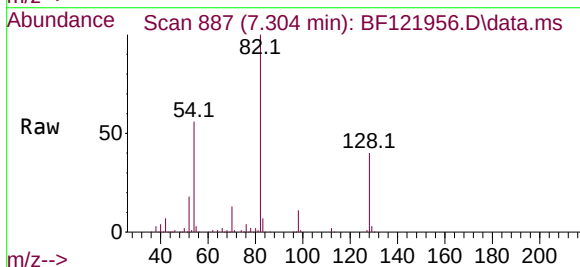
Instrument :
BNA_F
ClientSampleId :
SU-01-100920

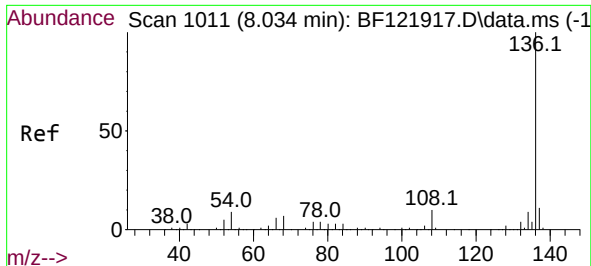
Tgt Ion: 99 Resp: 158776
Ion Ratio Lower Upper
99 100
42 20.0 15.9 23.9
71 32.9 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 8.77 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.135 min
Lab File: BF121956.D
Acq: 14 Oct 2020 14:00

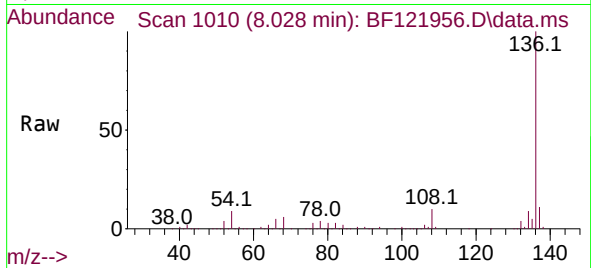
Tgt Ion: 70 Resp: 44387
Ion Ratio Lower Upper
70 100
42 53.1 50.2 75.4
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



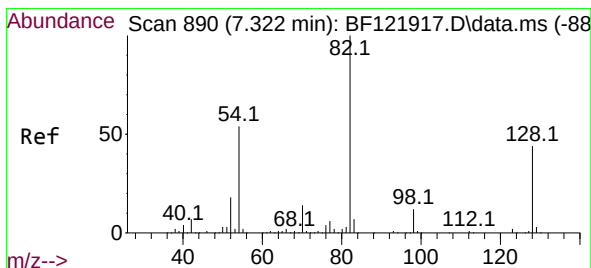
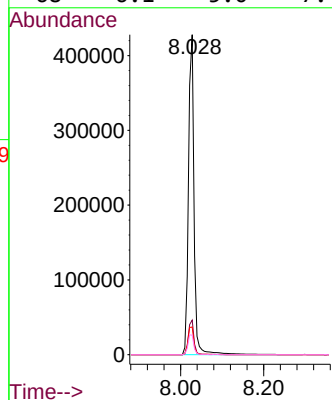
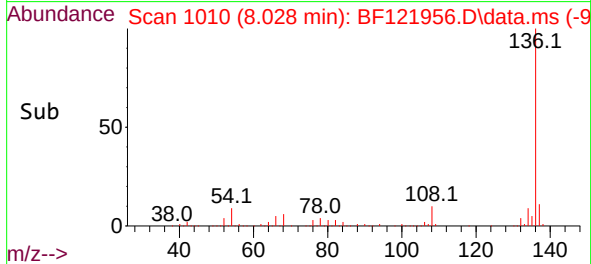


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121956.D
Acq: 14 Oct 2020 14:00

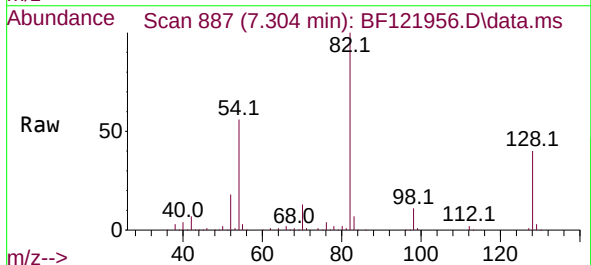
Instrument :
BNA_F
ClientSampleId :
SU-01-100920



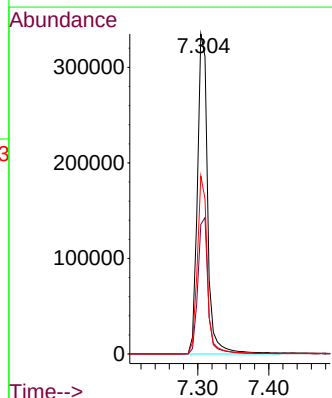
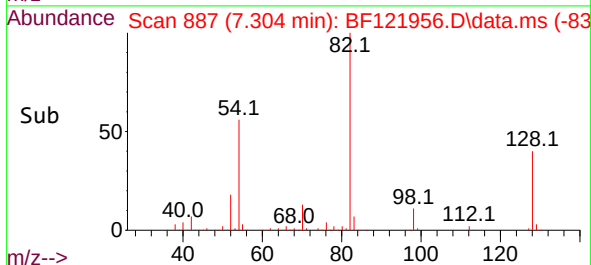
Tgt Ion:136 Resp: 395596
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.6 7.1 10.7
68 6.1 5.0 7.4

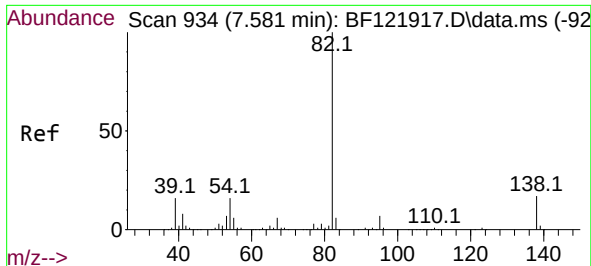


#23
Nitrobenzene-d5
Concen: 43.76 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.018 min
Lab File: BF121956.D
Acq: 14 Oct 2020 14:00



Tgt Ion: 82 Resp: 337586
Ion Ratio Lower Upper
82 100
128 40.5 35.0 52.4
54 55.6 43.9 65.9

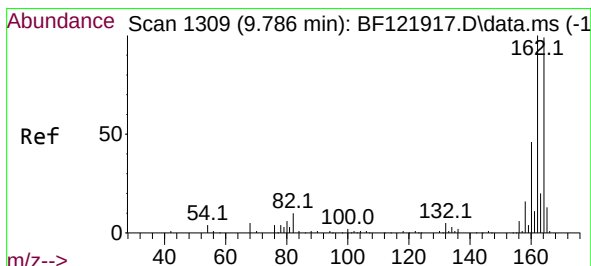
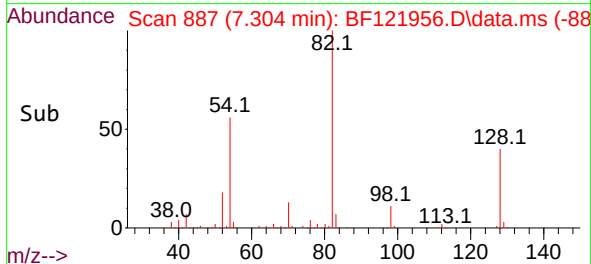
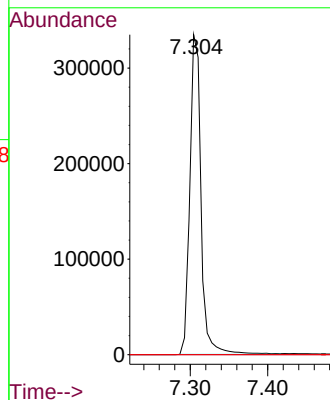
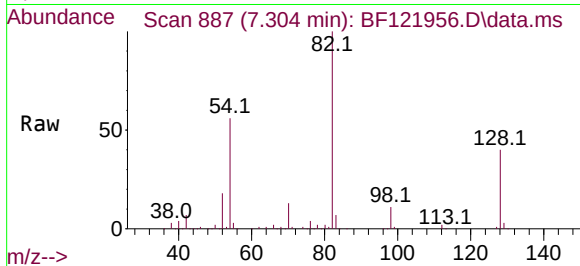




#25
Isophorone
Concen: 22.92 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.276 min
Lab File: BF121956.D
Acq: 14 Oct 2020 14:00

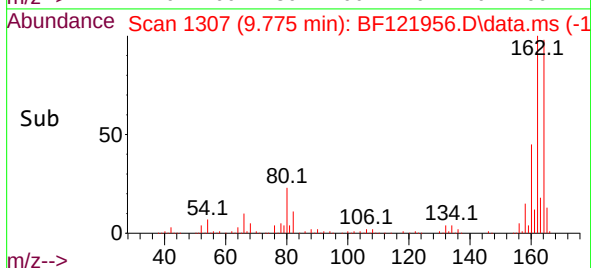
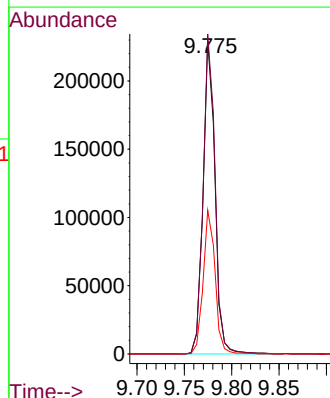
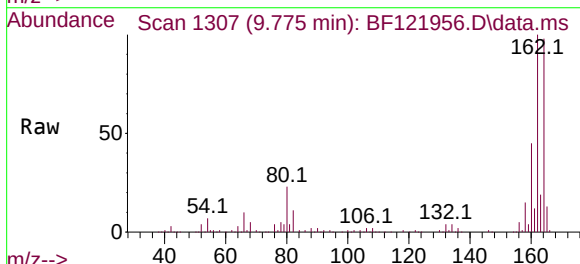
Instrument :
BNA_F
ClientSampleId :
SU-01-100920

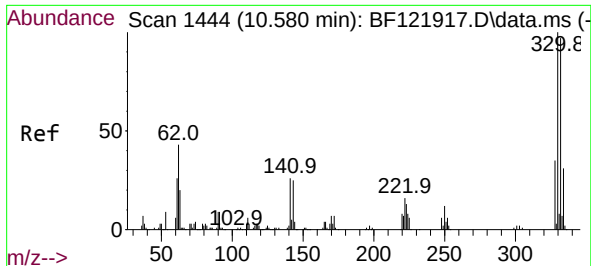
Tgt Ion: 82 Resp: 334261
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.011 min
Lab File: BF121956.D
Acq: 14 Oct 2020 14:00

Tgt Ion:164 Resp: 200235
Ion Ratio Lower Upper
164 100
162 102.3 83.2 124.8
160 45.9 37.5 56.3

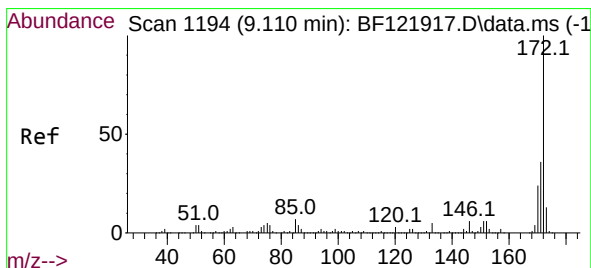
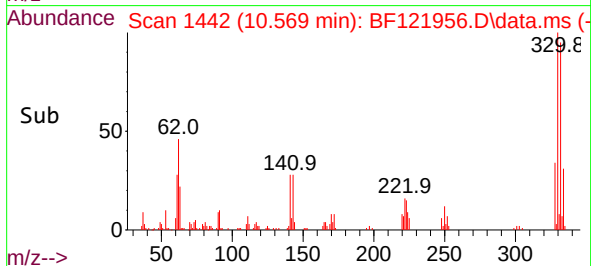
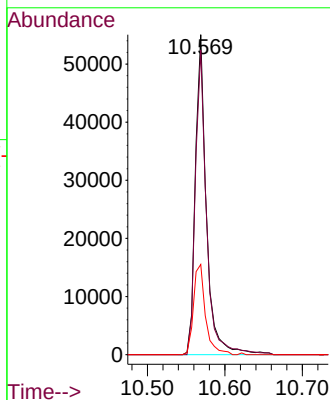
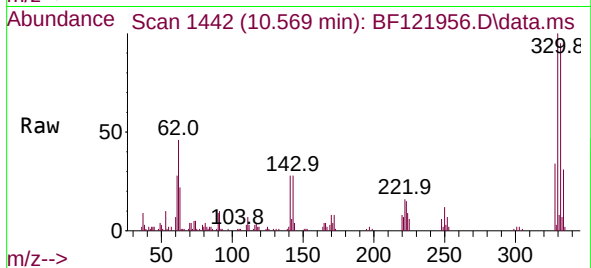




#42
2,4,6-Tribromophenol
Concen: 22.07 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121956.D
Acq: 14 Oct 2020 14:00

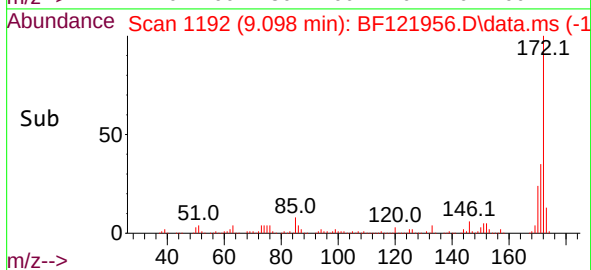
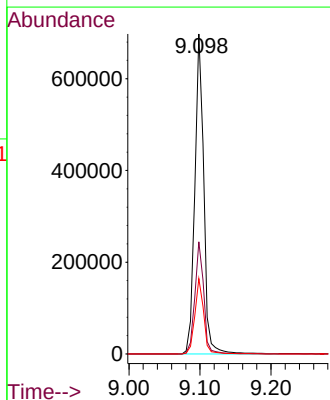
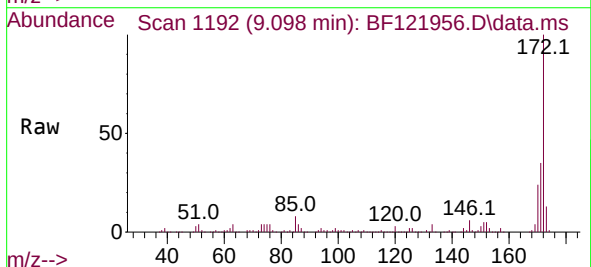
Instrument :
BNA_F
ClientSampleId :
SU-01-100920

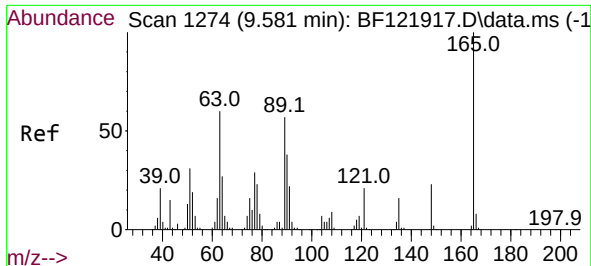
Tgt Ion:330 Resp: 54667
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 30.5 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 45.08 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF121956.D
Acq: 14 Oct 2020 14:00

Tgt Ion:172 Resp: 613432
Ion Ratio Lower Upper
172 100
171 35.1 29.1 43.7
170 23.5 19.8 29.6

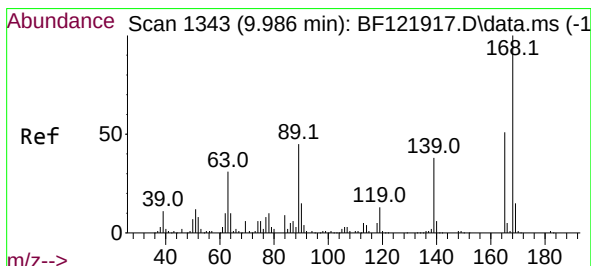
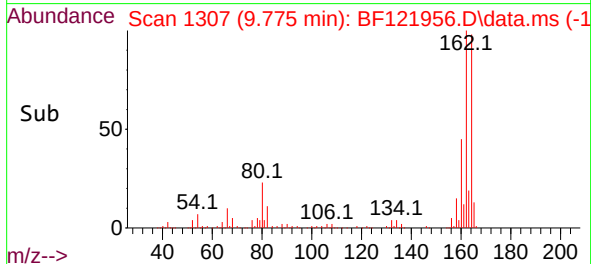
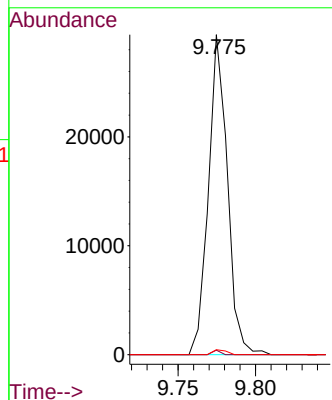
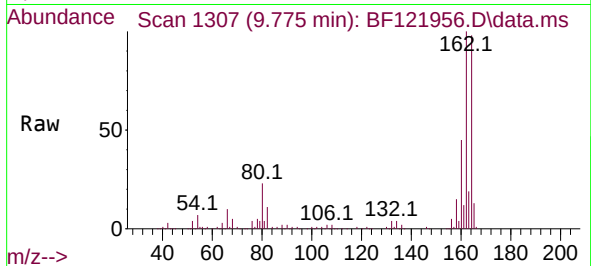




#51
2,6-Dinitrotoluene
Concen: 7.78 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.194 min
Lab File: BF121956.D
Acq: 14 Oct 2020 14:00

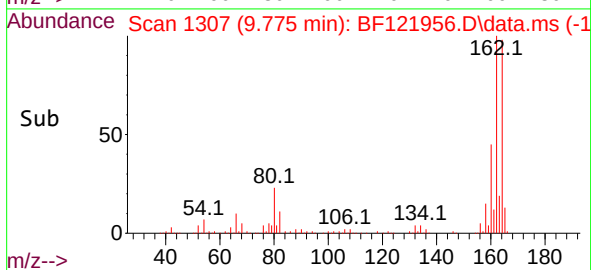
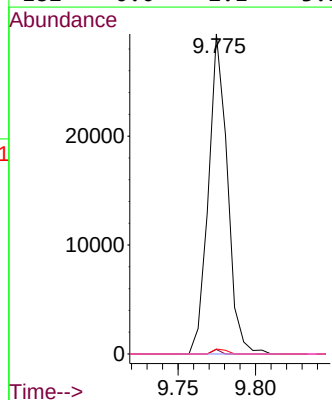
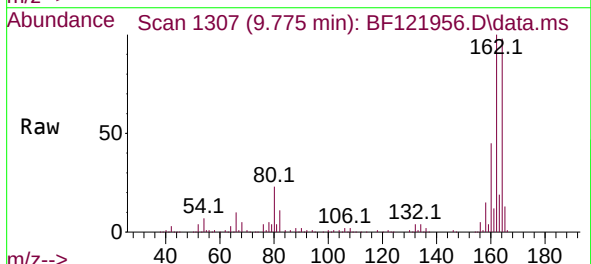
Instrument :
BNA_F
ClientSampleId :
SU-01-100920

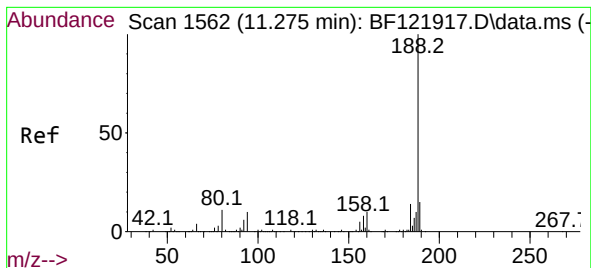
Tgt Ion:165 Resp: 24993
Ion Ratio Lower Upper
165 100
63 1.4 51.8 77.6#
89 1.6 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.32 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF121956.D
Acq: 14 Oct 2020 14:00

Tgt Ion:165 Resp: 24993
Ion Ratio Lower Upper
165 100
63 1.4 41.3 61.9#
89 1.6 61.8 92.8#
182 0.0 2.1 3.1#

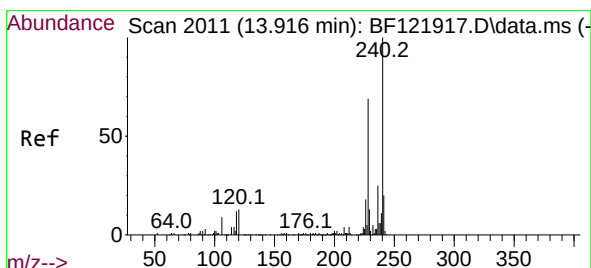
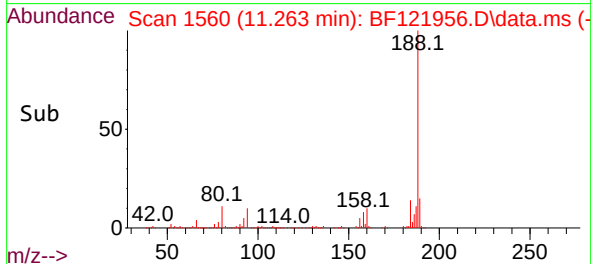
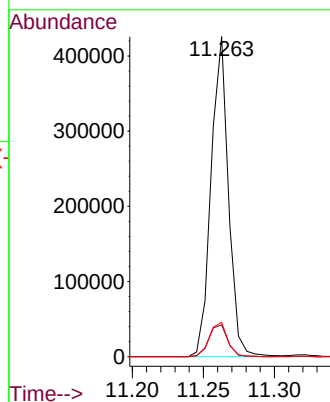
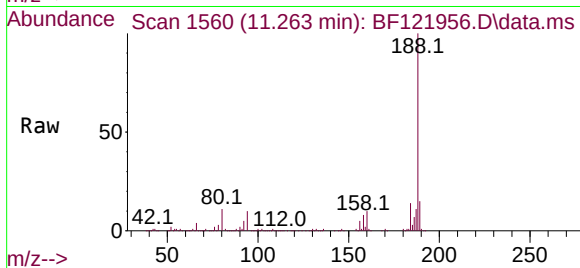




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121956.D
Acq: 14 Oct 2020 14:00

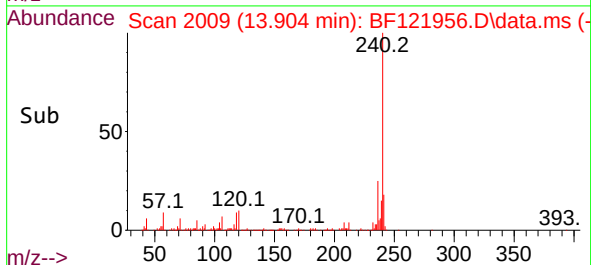
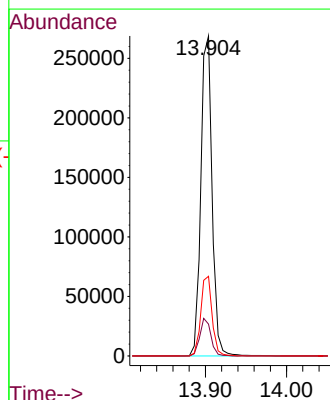
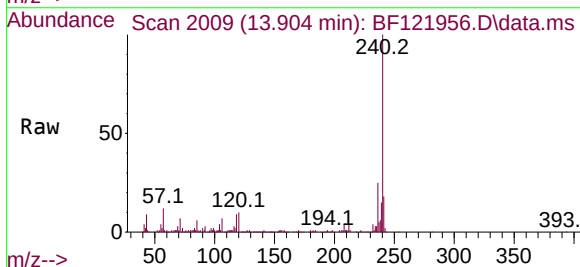
Instrument :
BNA_F
ClientSampleId :
SU-01-100920

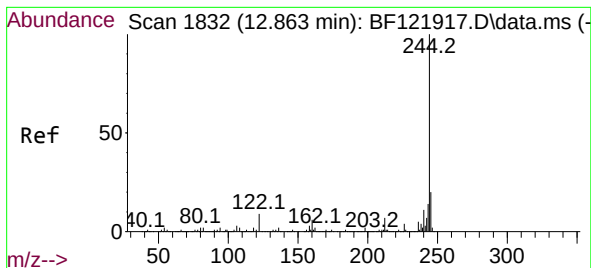
Tgt Ion:188 Resp: 363172
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.7 9.1 13.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF121956.D
Acq: 14 Oct 2020 14:00

Tgt Ion:240 Resp: 259048
Ion Ratio Lower Upper
240 100
120 9.9 9.2 13.8
236 24.9 20.9 31.3





#79

Terphenyl-d14

Concen: 39.55 ng

RT: 12.845 min Scan# 1829

Delta R.T. -0.018 min

Lab File: BF121956.D

Acq: 14 Oct 2020 14:00

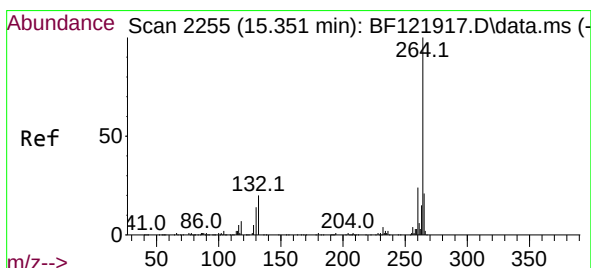
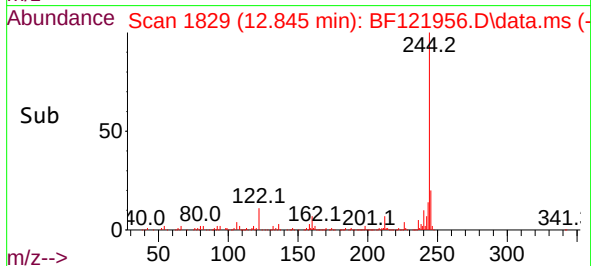
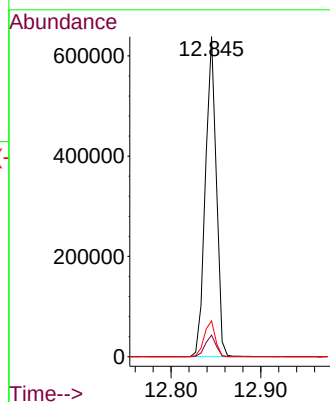
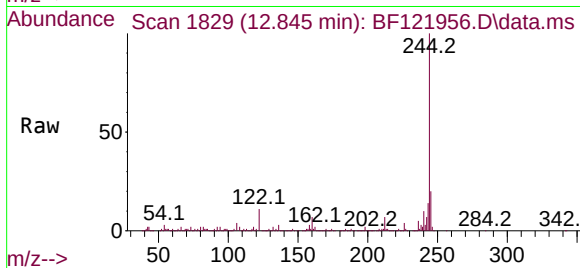
Tgt Ion:244 Resp: 537638

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 11.2 8.1 12.1



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.339 min Scan# 2253

Delta R.T. -0.012 min

Lab File: BF121956.D

Acq: 14 Oct 2020 14:00

Tgt Ion:264 Resp: 200319

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.1 17.3 25.9

