

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
 Data File : BF135766.D
 Acq On : 13 Oct 2023 22:15
 Operator : CG\JU
 Sample : 04693-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 F-1(0-5)

Quant Time: Oct 13 23:39:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 13 17:12:59 2023
 Response via : Initial Calibration

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

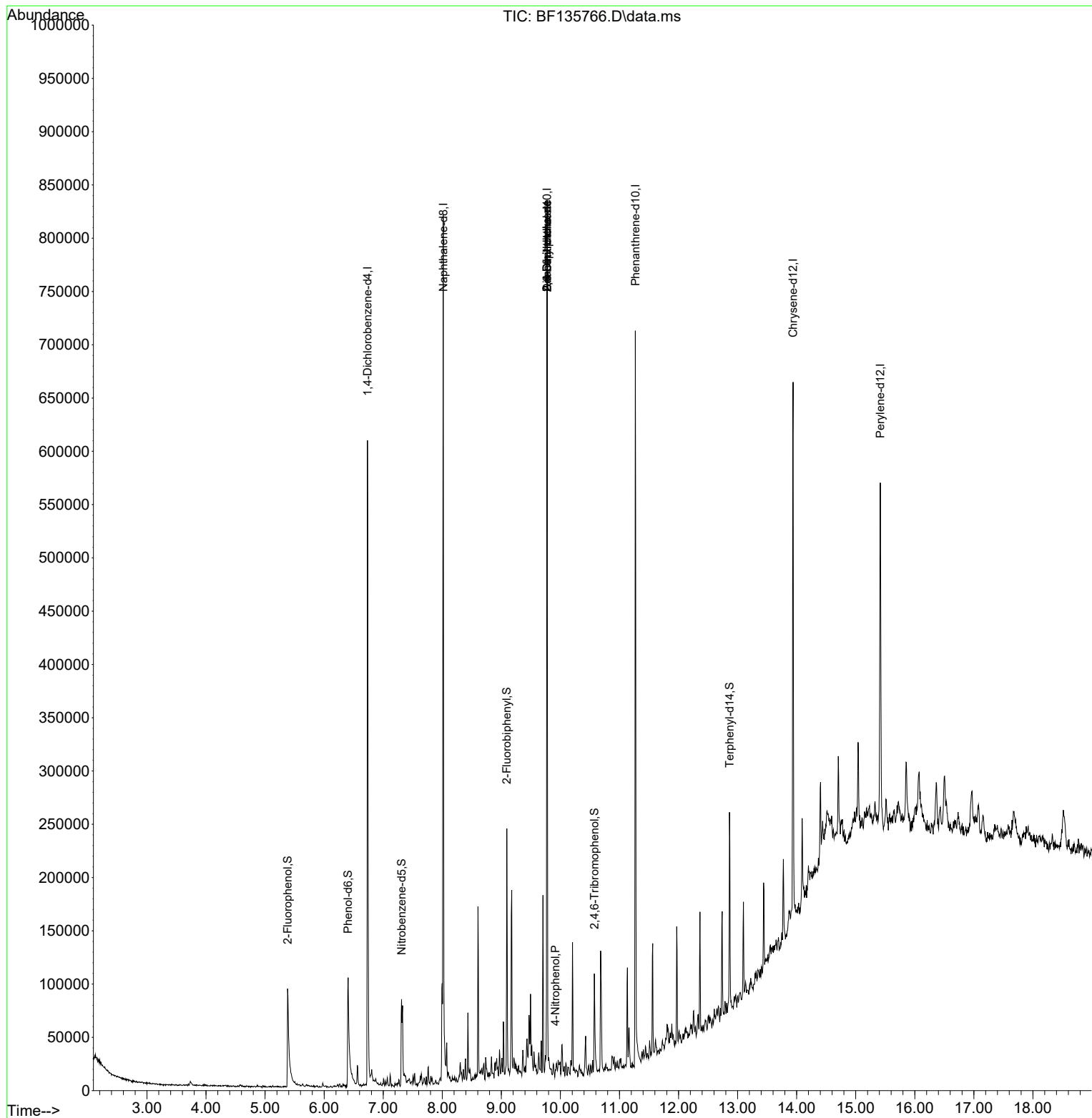
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	91631	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	333033	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	143879	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	251853	20.000	ng	0.00
76) Chrysene-d12	13.939	240	180951	20.000	ng	0.00
86) Perylene-d12	15.416	264	133246	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	51643	9.061	ng	0.00
7) Phenol-d6	6.404	99	71975	10.121	ng	0.00
23) Nitrobenzene-d5	7.310	82	40649	6.713	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	11558	8.372	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	67300	7.313	ng	-0.01
79) Terphenyl-d14	12.863	244	61667	6.311	ng	-0.01
Target Compounds						
					Qvalue	
50) Dimethylphthalate	9.775	163	27275	2.808	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	19182	9.184	ng	# 16
56) 4-Nitrophenol	9.916	139	60	5.540	ng	# 77
57) 2,4-Dinitrotoluene	9.775	165	19182	7.219	ng	# 24

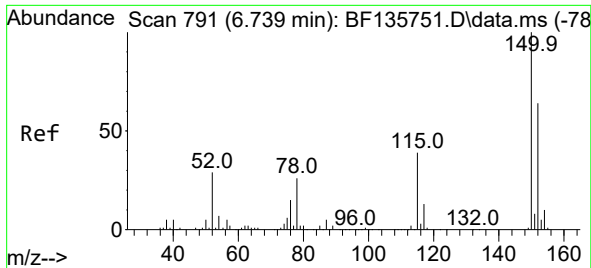
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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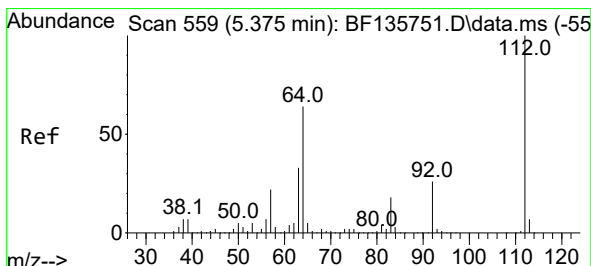
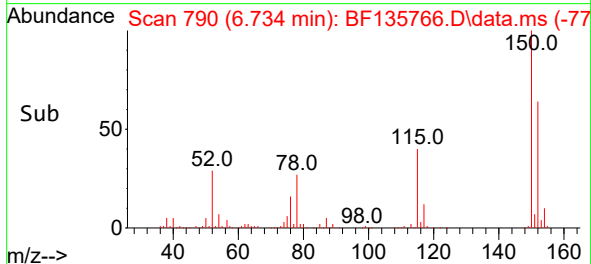
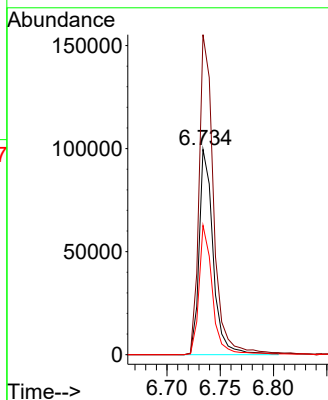
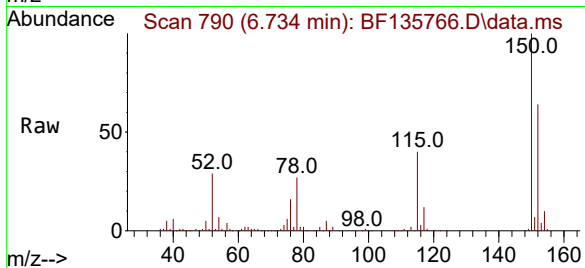




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF135766.D
Acq: 13 Oct 2023 22:15

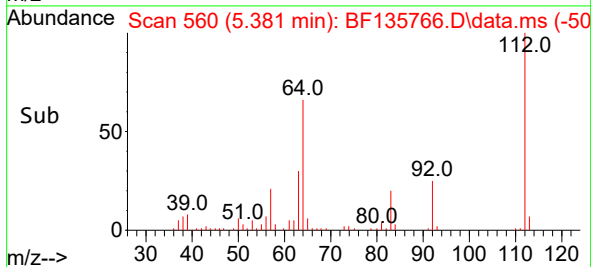
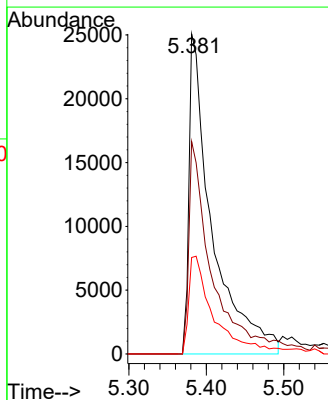
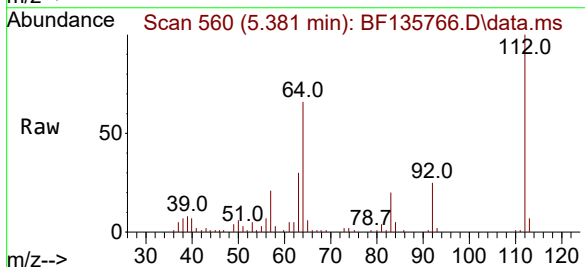
Instrument :
BNA_F
ClientSampleId :
F-1(0-5)

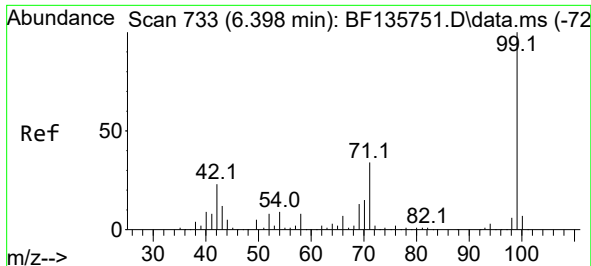
Tgt Ion:152 Resp: 91631
Ion Ratio Lower Upper
152 100
150 155.9 124.5 186.7
115 63.0 49.0 73.4



#5
2-Fluorophenol
Concen: 9.061 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.006 min
Lab File: BF135766.D
Acq: 13 Oct 2023 22:15

Tgt Ion:112 Resp: 51643
Ion Ratio Lower Upper
112 100
64 66.3 51.2 76.8
63 30.1 26.1 39.1

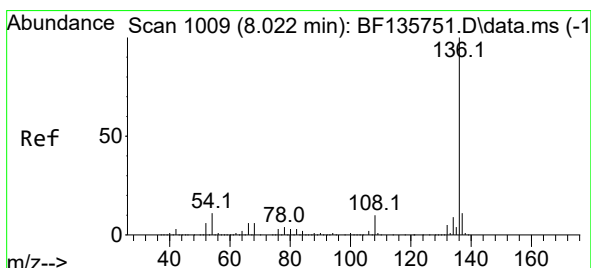
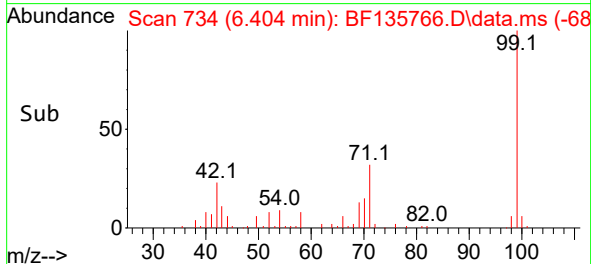
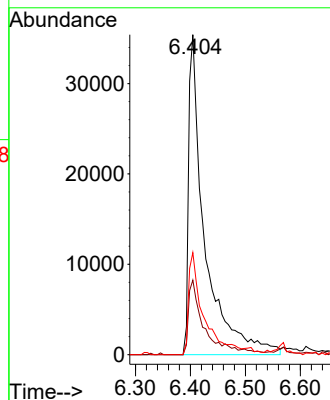
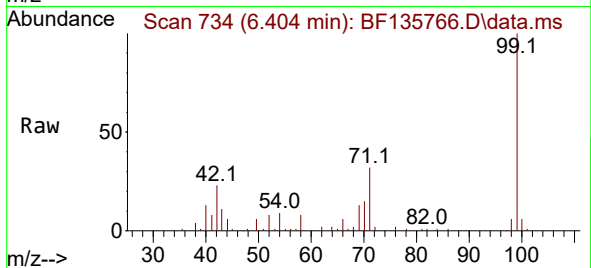




#7
Phenol-d6
Concen: 10.121 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135766.D
Acq: 13 Oct 2023 22:15

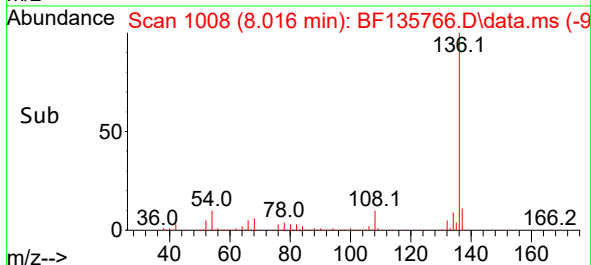
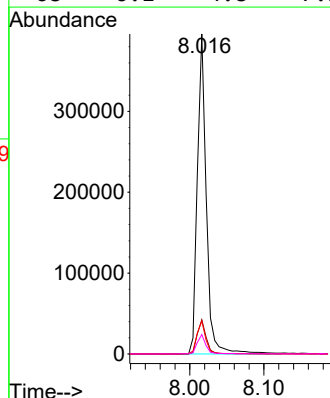
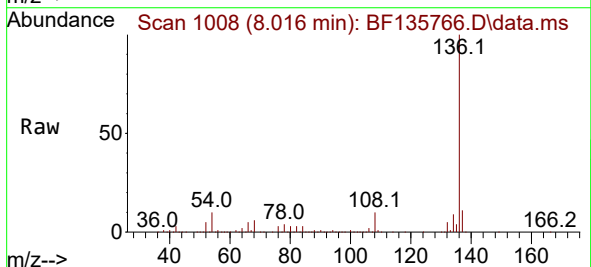
Instrument :
BNA_F
ClientSampleId :
F-1(0-5)

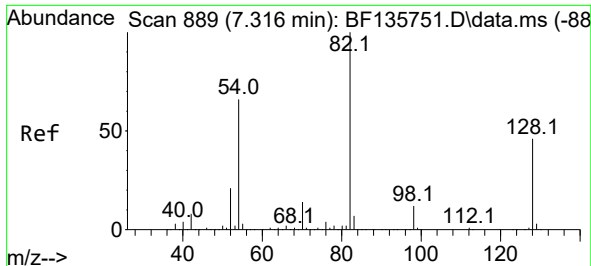
Tgt Ion: 99 Resp: 71975
Ion Ratio Lower Upper
99 100
42 23.3 18.4 27.6
71 31.9 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135766.D
Acq: 13 Oct 2023 22:15

Tgt Ion:136 Resp: 333033
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 10.3 8.5 12.7
68 6.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 6.713 ng

RT: 7.310 min Scan# 889

Delta R.T. -0.006 min

Lab File: BF135766.D

Acq: 13 Oct 2023 22:15

Instrument :

BNA_F

ClientSampleId :

F-1(0-5)

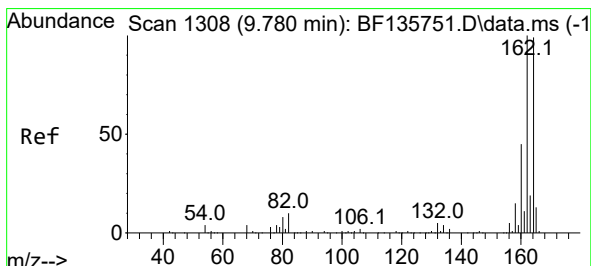
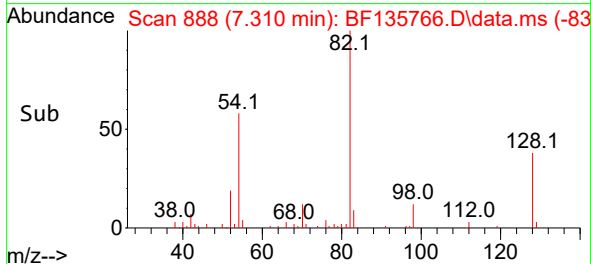
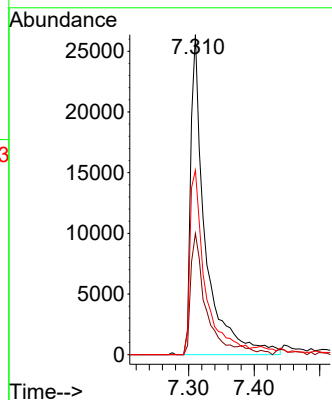
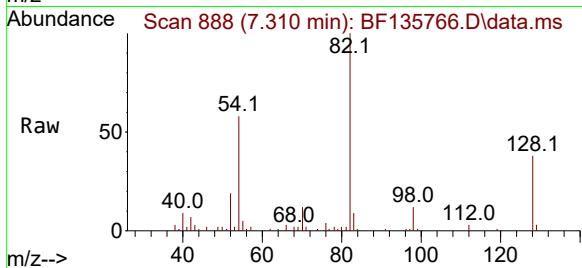
Tgt Ion: 82 Resp: 40649

Ion Ratio Lower Upper

82 100

128 37.9 37.0 55.6

54 57.7 52.8 79.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.006 min

Lab File: BF135766.D

Acq: 13 Oct 2023 22:15

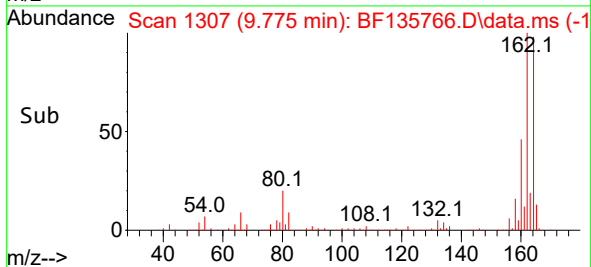
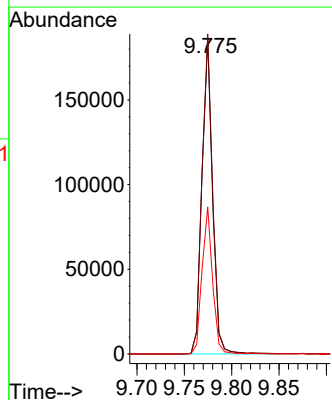
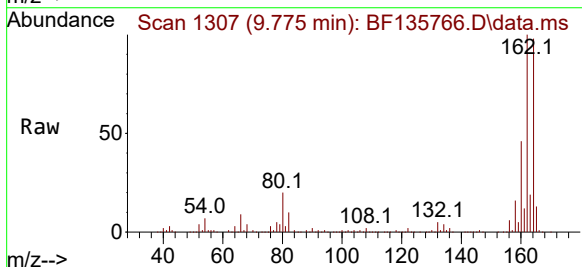
Tgt Ion:164 Resp: 143879

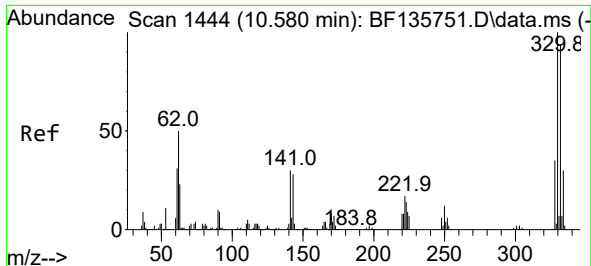
Ion Ratio Lower Upper

164 100

162 101.7 80.8 121.2

160 46.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 8.372 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BF135766.D

Acq: 13 Oct 2023 22:15

Instrument :

BNA_F

ClientSampleId :

F-1(0-5)

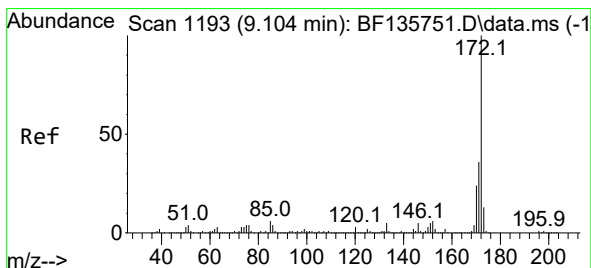
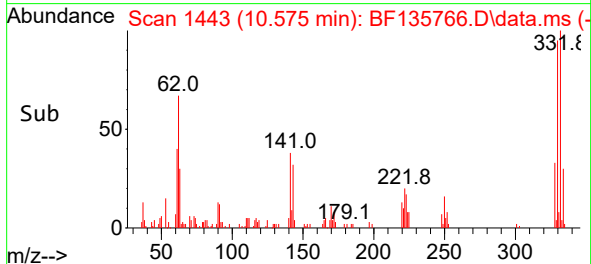
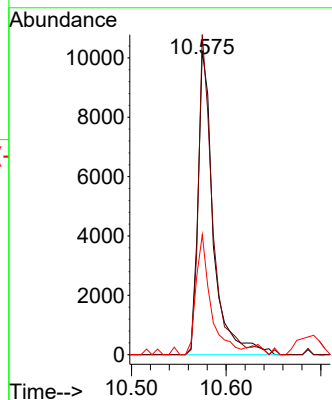
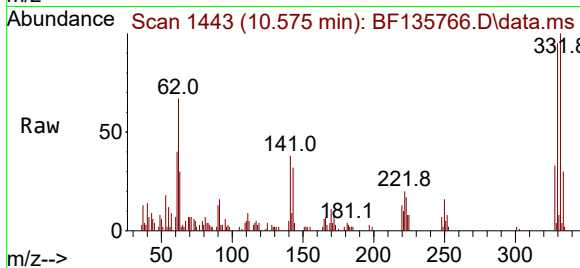
Tgt Ion:330 Resp: 11558

Ion Ratio Lower Upper

330 100

332 99.0 75.0 112.4

141 38.3 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 7.313 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.011 min

Lab File: BF135766.D

Acq: 13 Oct 2023 22:15

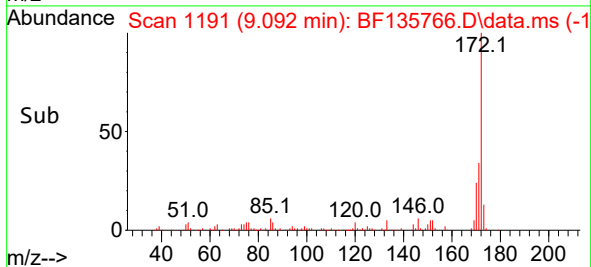
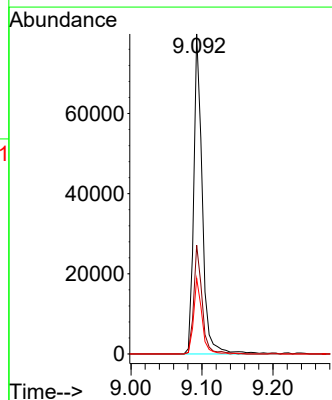
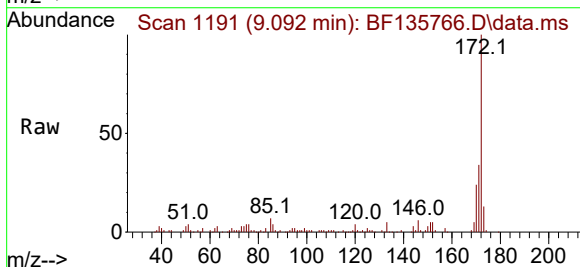
Tgt Ion:172 Resp: 67300

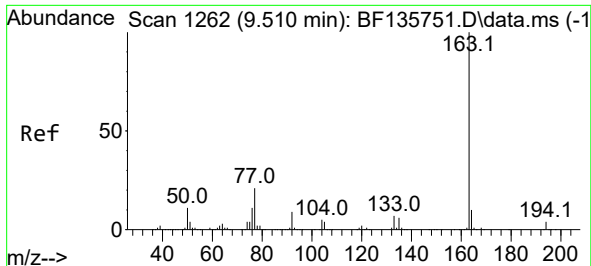
Ion Ratio Lower Upper

172 100

171 34.0 28.4 42.6

170 23.6 18.8 28.2

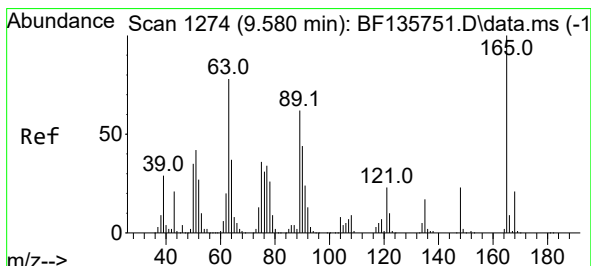
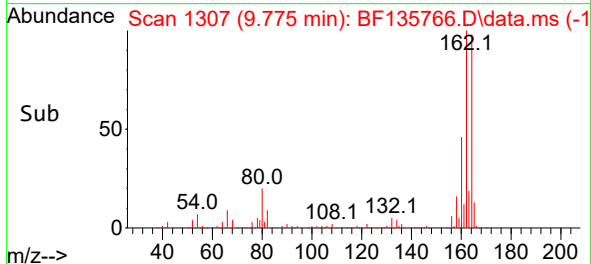
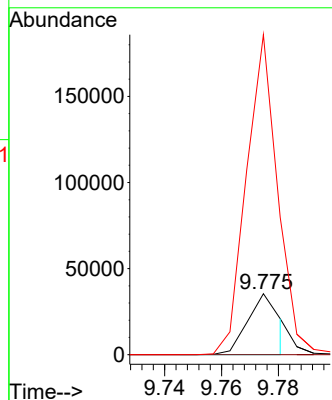
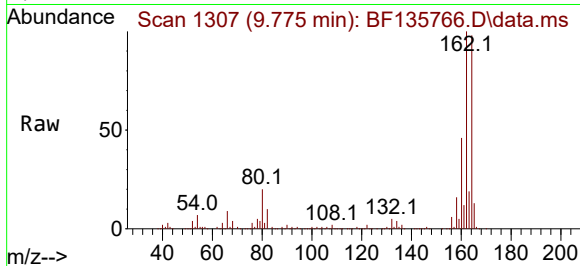




#50
Dimethylphthalate
Concen: 2.808 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135766.D
Acq: 13 Oct 2023 22:15

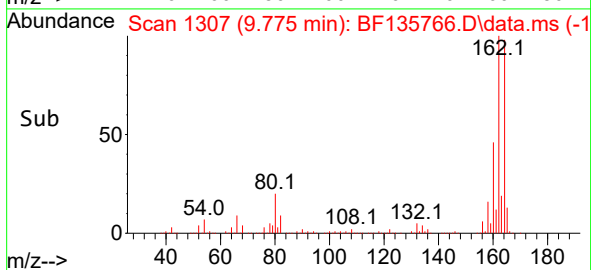
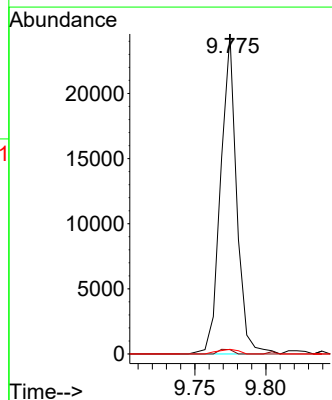
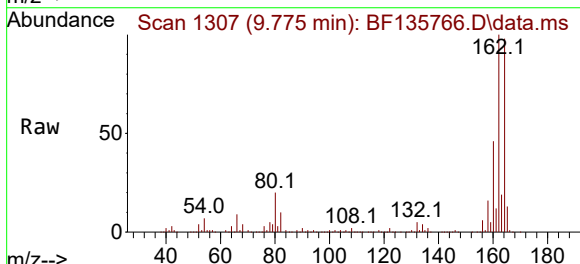
Instrument :
BNA_F
ClientSampleId :
F-1(0-5)

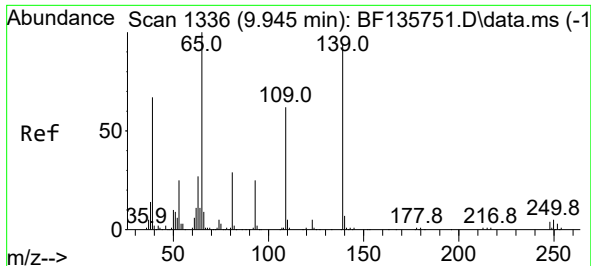
Tgt Ion:163 Resp: 27275
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 524.7 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 9.184 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.194 min
Lab File: BF135766.D
Acq: 13 Oct 2023 22:15

Tgt Ion:165 Resp: 19182
Ion Ratio Lower Upper
165 100
63 1.3 62.2 93.4#
89 1.5 49.6 74.4#

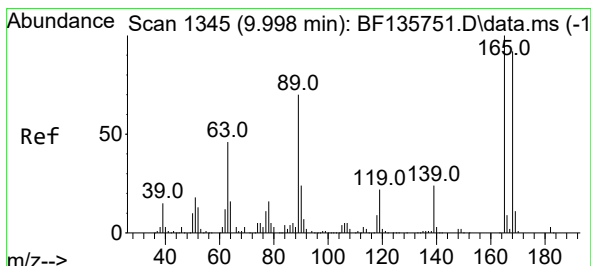
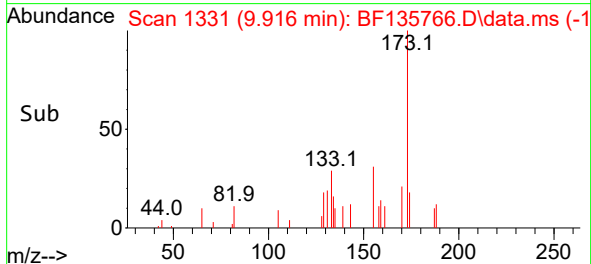
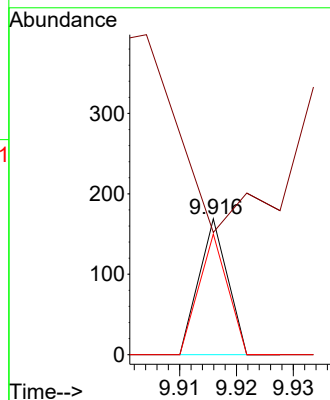
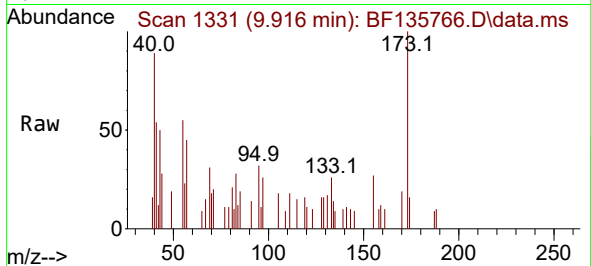




#56
4-Nitrophenol
Concen: 5.540 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.029 min
Lab File: BF135766.D
Acq: 13 Oct 2023 22:15

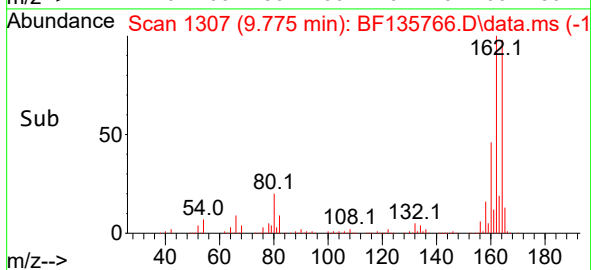
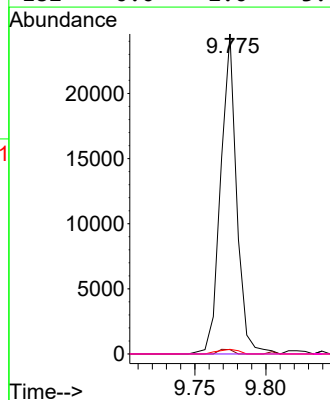
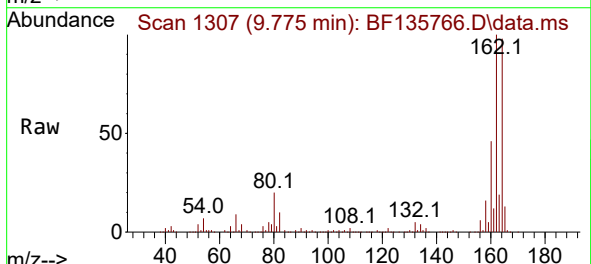
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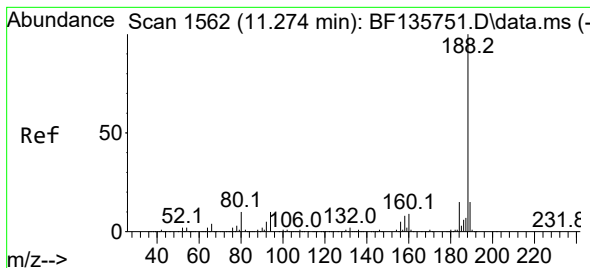
Tgt Ion:139 Resp: 60
Ion Ratio Lower Upper
139 100
109 89.9 45.6 85.6#
65 88.8 87.5 127.5



#57
2,4-Dinitrotoluene
Concen: 7.219 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.223 min
Lab File: BF135766.D
Acq: 13 Oct 2023 22:15

Tgt Ion:165 Resp: 19182
Ion Ratio Lower Upper
165 100
63 1.3 39.0 58.4#
89 1.5 55.9 83.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135766.D

Acq: 13 Oct 2023 22:15

Instrument :

BNA_F

ClientSampleId :

F-1(0-5)

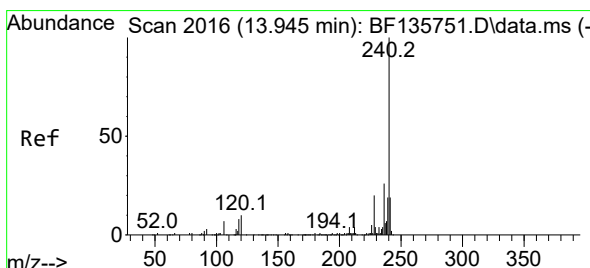
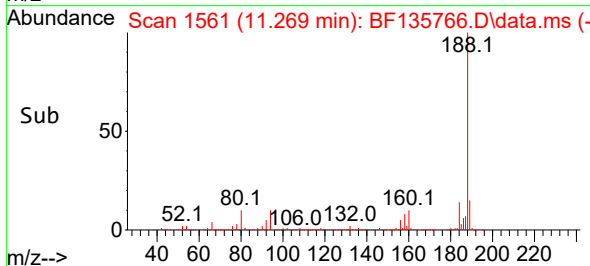
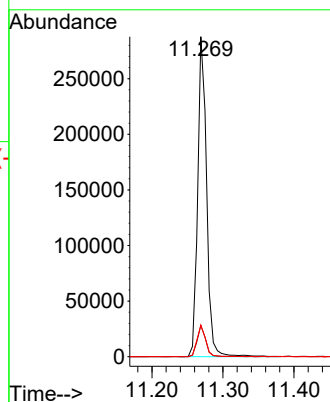
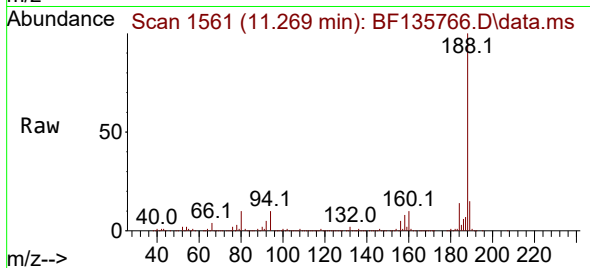
Tgt Ion:188 Resp: 251853

Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

80 9.9 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF135766.D

Acq: 13 Oct 2023 22:15

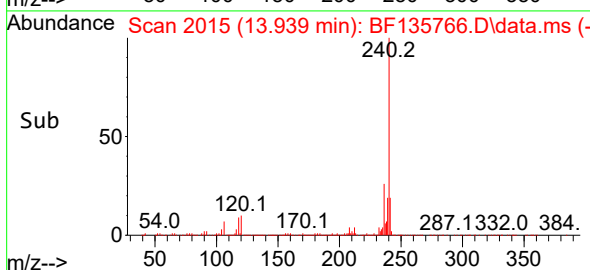
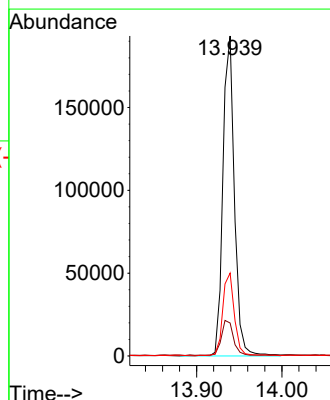
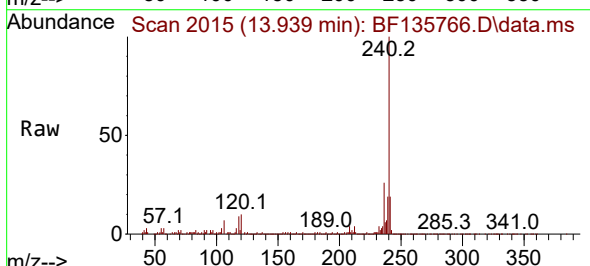
Tgt Ion:240 Resp: 180951

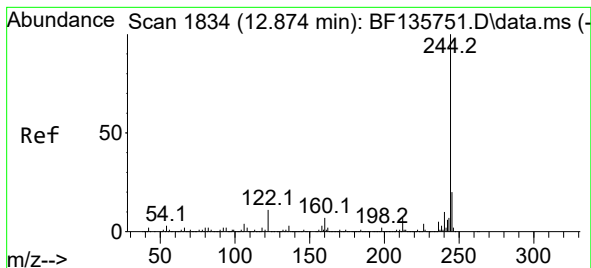
Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.2

236 25.9 21.2 31.8





#79

Terphenyl-d14

Concen: 6.311 ng

RT: 12.863 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135766.D

Acq: 13 Oct 2023 22:15

Instrument :

BNA_F

ClientSampleId :

F-1(0-5)

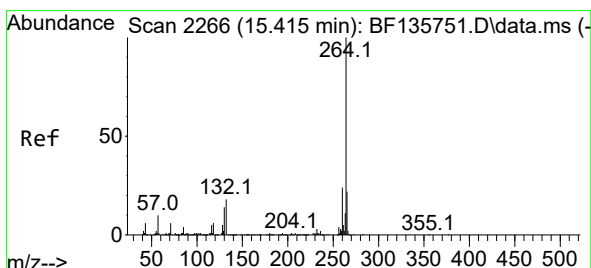
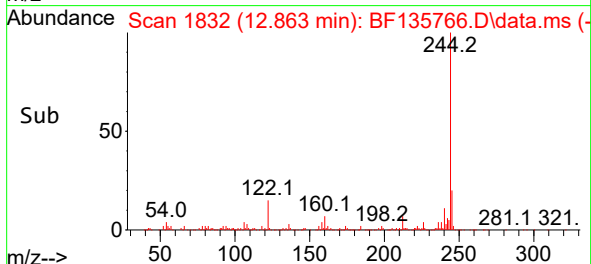
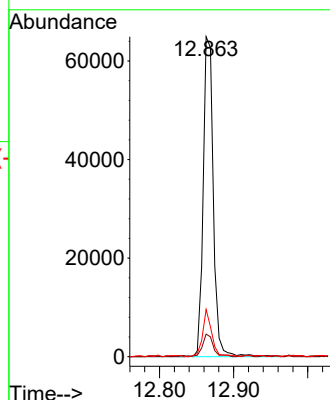
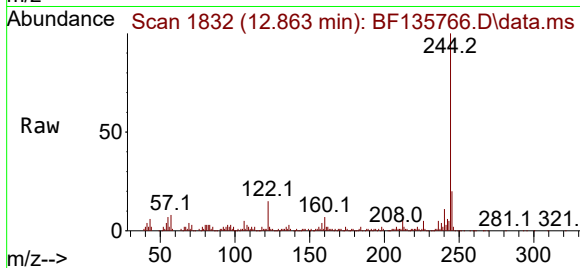
Tgt Ion:244 Resp: 61667

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 14.7 9.0 13.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.416 min Scan# 2266

Delta R.T. 0.000 min

Lab File: BF135766.D

Acq: 13 Oct 2023 22:15

Tgt Ion:264 Resp: 133246

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.9 17.4 26.2

