

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135202.D
 Acq On : 13 Sep 2023 02:53
 Operator : CG\JU
 Sample : 04343-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1-14TH-ST

Quant Time: Sep 13 07:41:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	119849	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	464938	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	231866	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	409167	20.000	ng	0.00
76) Chrysene-d12	13.945	240	203092	20.000	ng	0.00
86) Perylene-d12	15.410	264	235628	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	344801	46.792	ng	0.00
7) Phenol-d6	6.398	99	285975	30.521	ng	0.00
23) Nitrobenzene-d5	7.328	82	775897	90.666	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	219482	95.254	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1369750	89.128	ng	0.00
79) Terphenyl-d14	12.886	244	1096829	83.720	ng	0.00

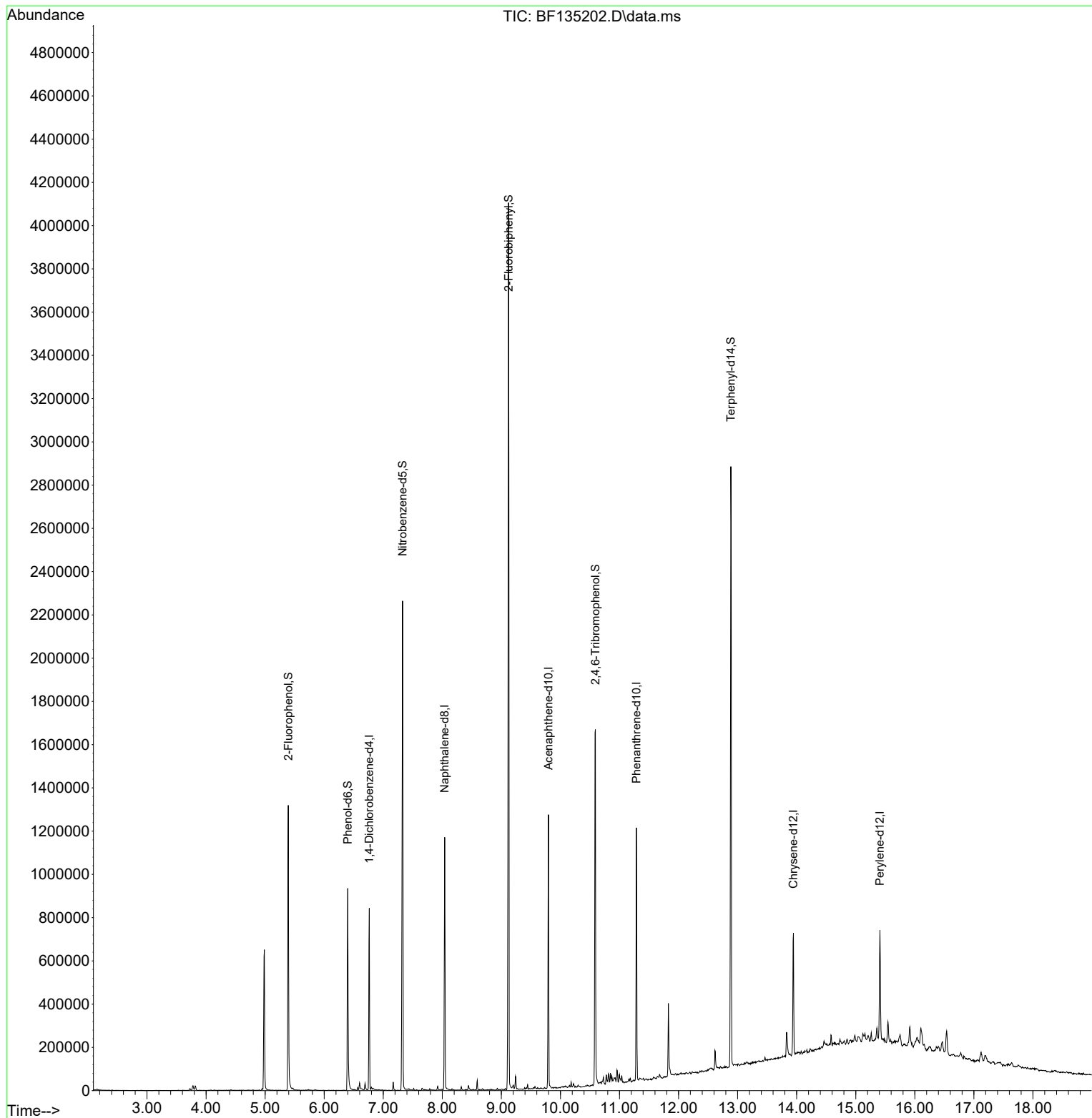
Target Compounds	Qvalue

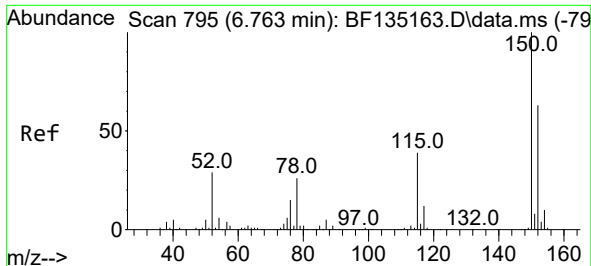
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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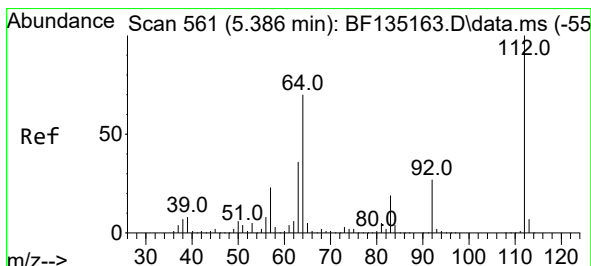
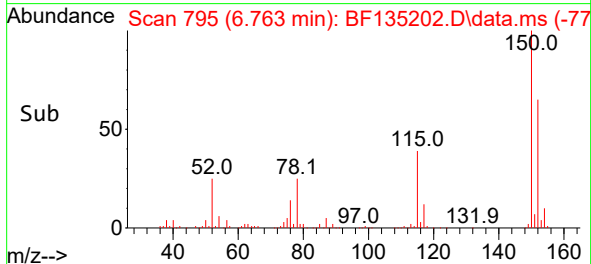
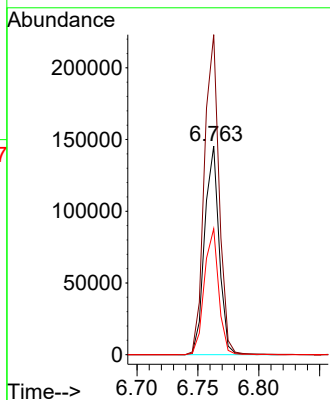
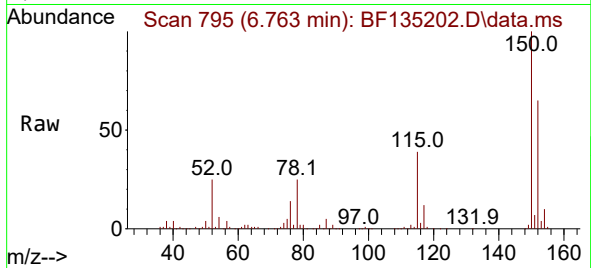




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135202.D
Acq: 13 Sep 2023 02:53

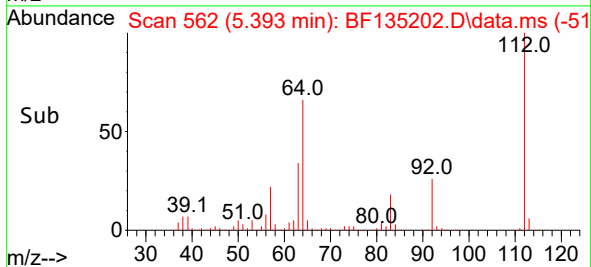
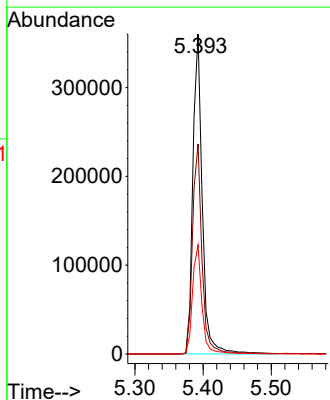
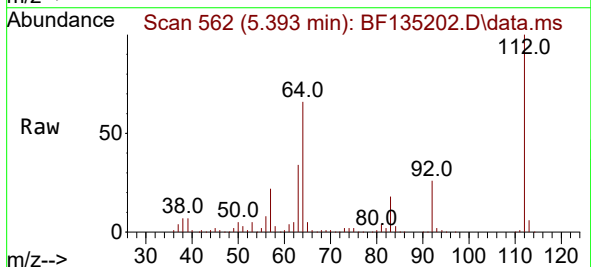
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-14TH-ST

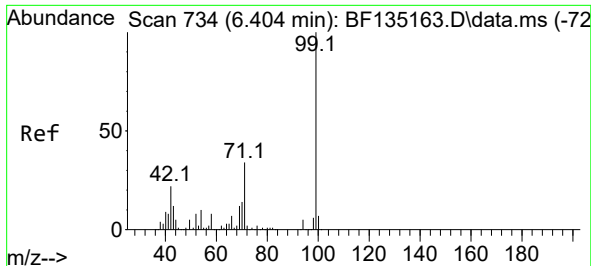
Tgt Ion:152 Resp: 119849
Ion Ratio Lower Upper
152 100
150 153.4 127.8 191.6
115 60.4 49.8 74.8



#5
2-Fluorophenol
Concen: 46.792 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF135202.D
Acq: 13 Sep 2023 02:53

Tgt Ion:112 Resp: 344801
Ion Ratio Lower Upper
112 100
64 65.6 55.9 83.9
63 34.0 29.0 43.6

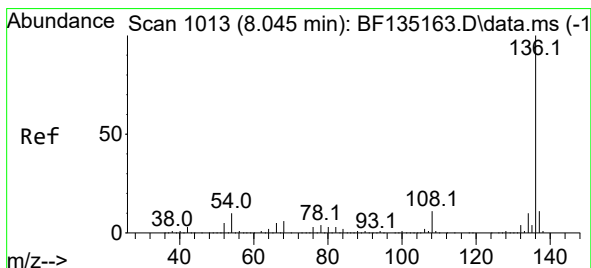
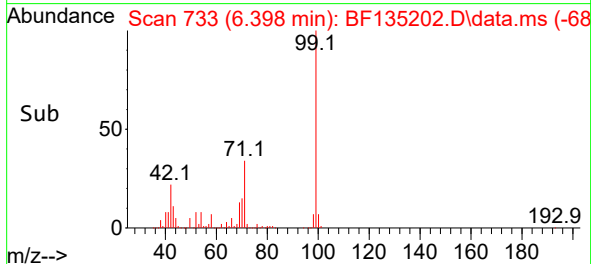
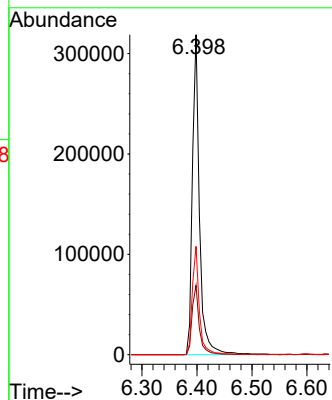
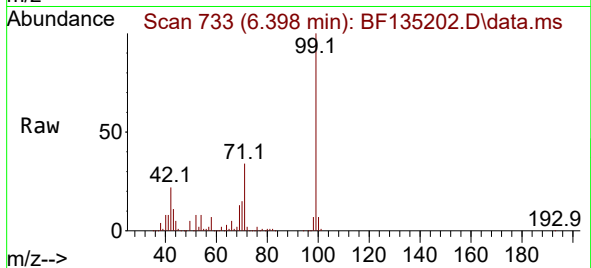




#7
Phenol-d6
Concen: 30.521 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135202.D
Acq: 13 Sep 2023 02:53

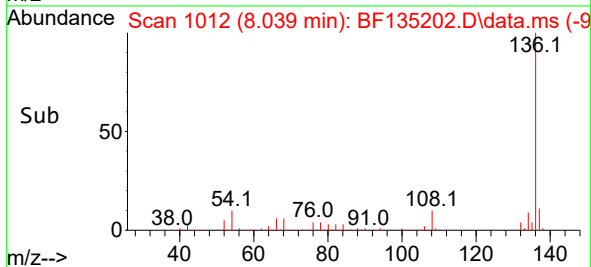
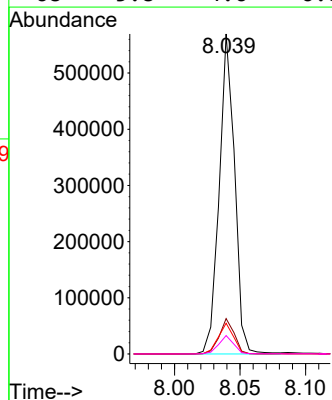
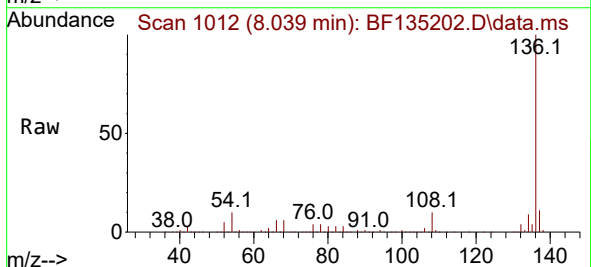
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-14TH-ST

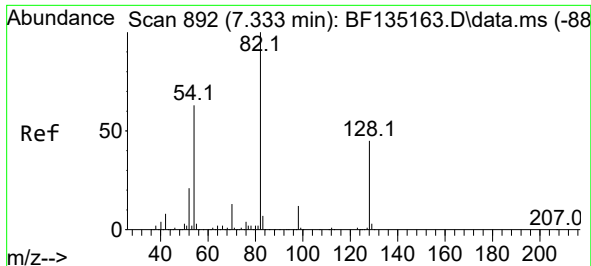
Tgt Ion: 99 Resp: 285975
Ion Ratio Lower Upper
99 100
42 21.7 17.9 26.9
71 33.8 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135202.D
Acq: 13 Sep 2023 02:53

Tgt Ion: 136 Resp: 464938
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.6 7.7 11.5
68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 90.666 ng

RT: 7.328 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF135202.D

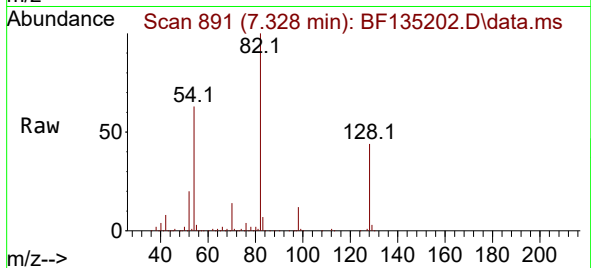
Acq: 13 Sep 2023 02:53

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1-14TH-ST



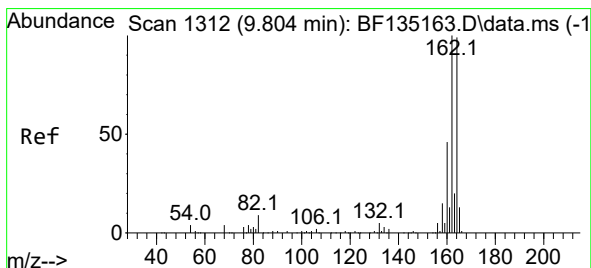
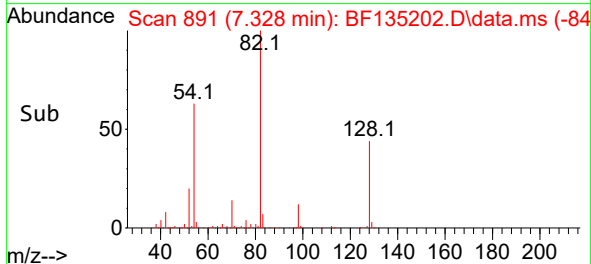
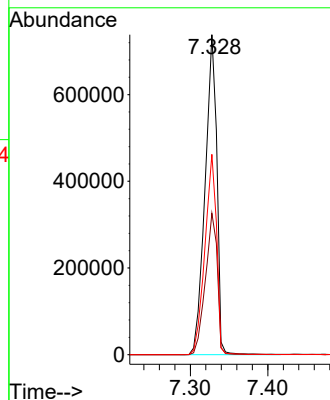
Tgt Ion: 82 Resp: 775897

Ion Ratio Lower Upper

82 100

128 44.2 35.8 53.6

54 62.6 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF135202.D

Acq: 13 Sep 2023 02:53

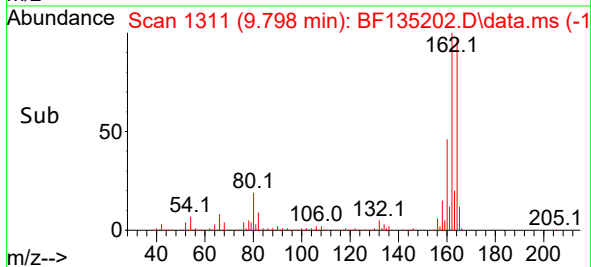
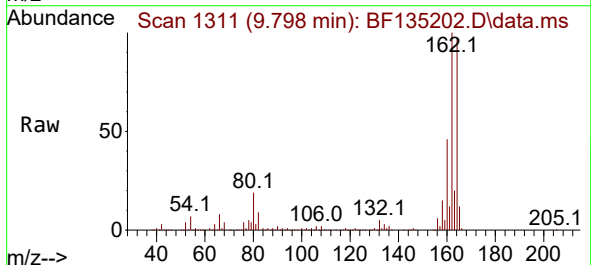
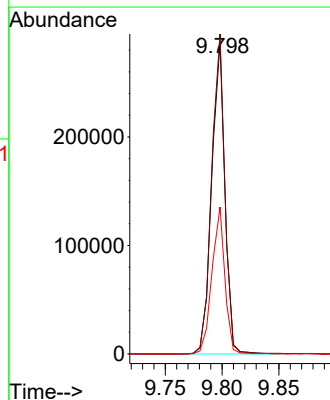
Tgt Ion: 164 Resp: 231866

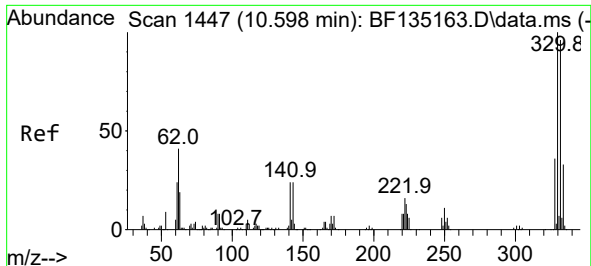
Ion Ratio Lower Upper

164 100

162 102.7 81.0 121.4

160 47.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 95.254 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF135202.D

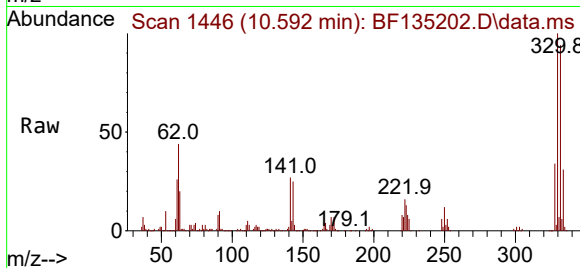
Acq: 13 Sep 2023 02:53

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1-14TH-ST



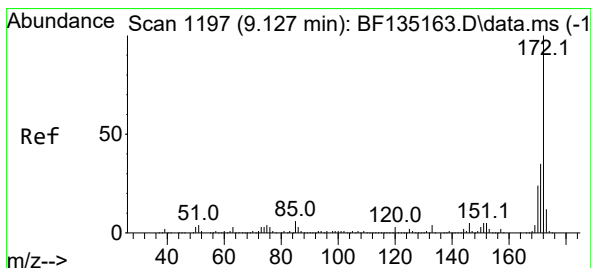
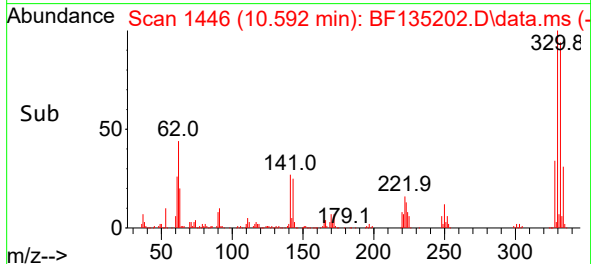
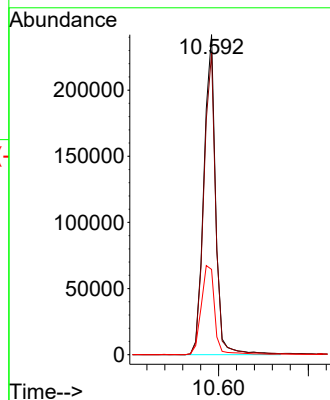
Tgt Ion:330 Resp: 219482

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

141 32.1 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 89.128 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135202.D

Acq: 13 Sep 2023 02:53

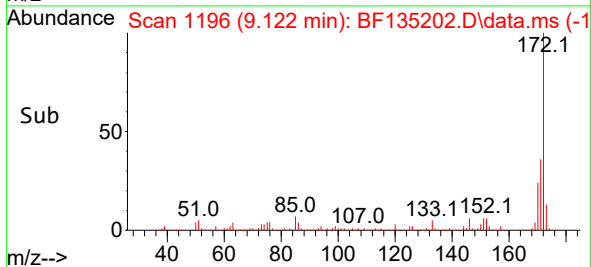
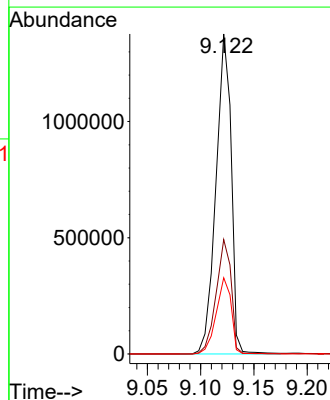
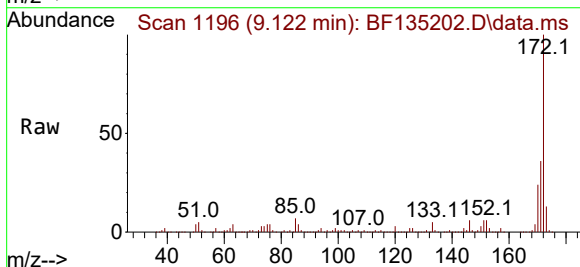
Tgt Ion:172 Resp: 1369750

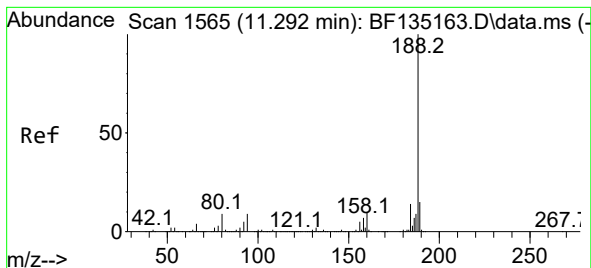
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135202.D

Acq: 13 Sep 2023 02:53

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1-14TH-ST

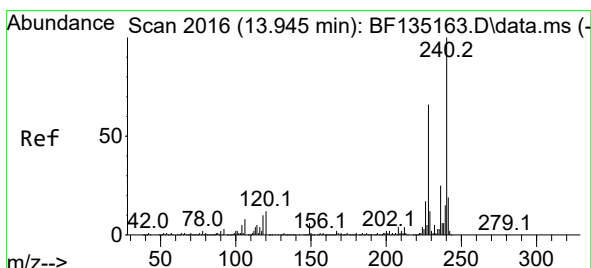
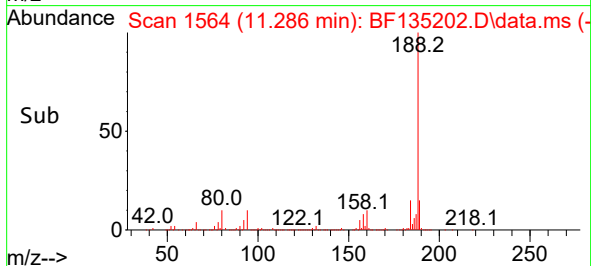
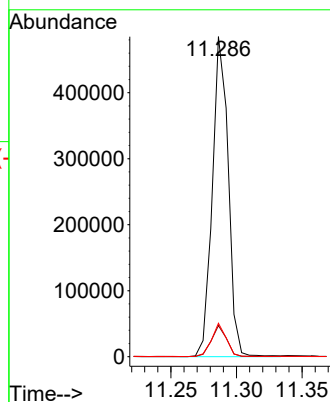
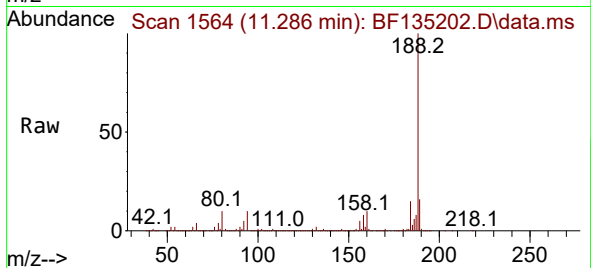
Tgt Ion:188 Resp: 409167

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.6

80 10.5 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF135202.D

Acq: 13 Sep 2023 02:53

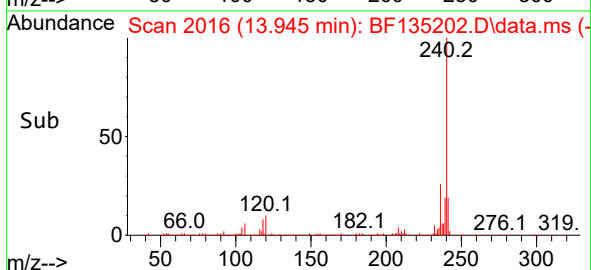
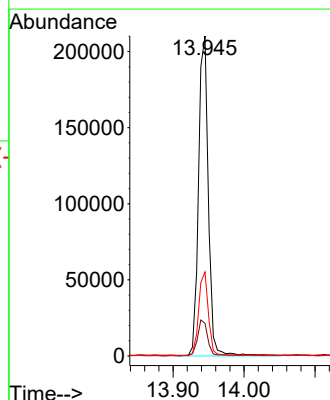
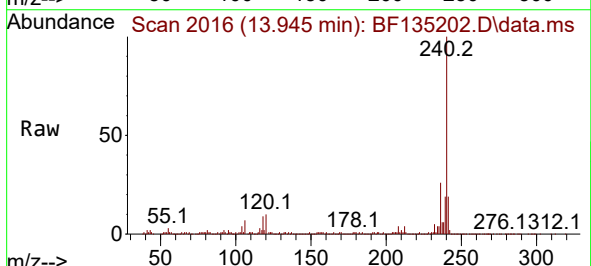
Tgt Ion:240 Resp: 203092

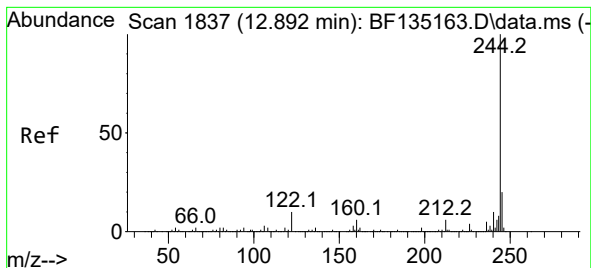
Ion Ratio Lower Upper

240 100

120 10.2 9.4 14.2

236 26.2 19.8 29.8





#79

Terphenyl-d14

Concen: 83.720 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF135202.D

Acq: 13 Sep 2023 02:53

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1-14TH-ST

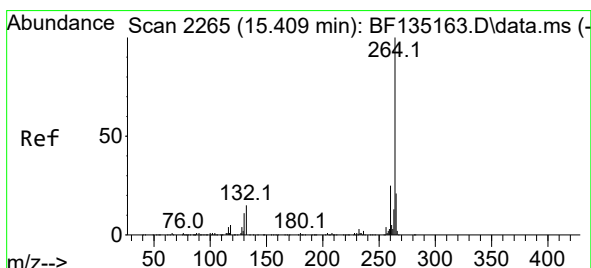
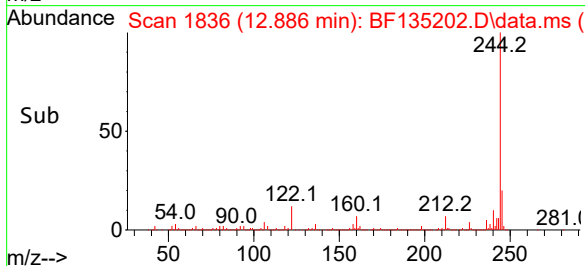
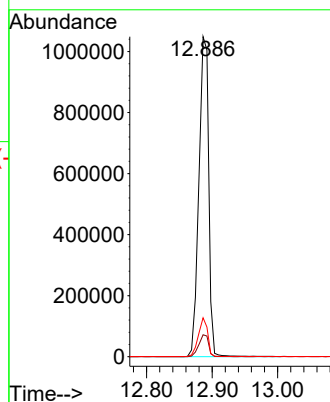
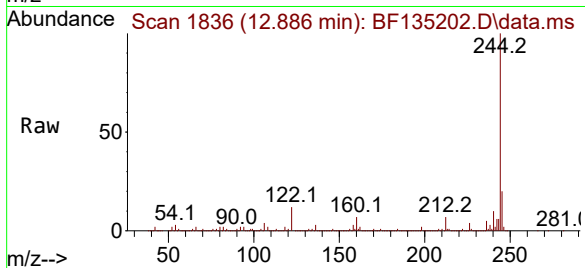
Tgt Ion:244 Resp: 1096829

Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

122 12.2 7.9 11.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135202.D

Acq: 13 Sep 2023 02:53

Tgt Ion:264 Resp: 235628

Ion Ratio Lower Upper

264 100

260 22.3 19.8 29.6

265 20.8 17.0 25.4

