

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135841.D
 Acq On : 18 Oct 2023 11:59
 Operator : CG\JU
 Sample : 04765-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-1

Quant Time: Oct 19 01:19:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	81666	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	303960	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	169069	20.000	ng	-0.01
64) Phenanthrene-d10	11.275	188	337052	20.000	ng	0.00
76) Chrysene-d12	13.939	240	172890	20.000	ng	-0.01
86) Perylene-d12	15.422	264	137437	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	751640	147.975	ng	0.02
7) Phenol-d6	6.399	99	857999	135.377	ng	0.00
23) Nitrobenzene-d5	7.310	82	539313	97.585	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	252582	155.689	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1051554	97.245	ng	0.00
79) Terphenyl-d14	12.875	244	1071966	114.824	ng	0.00

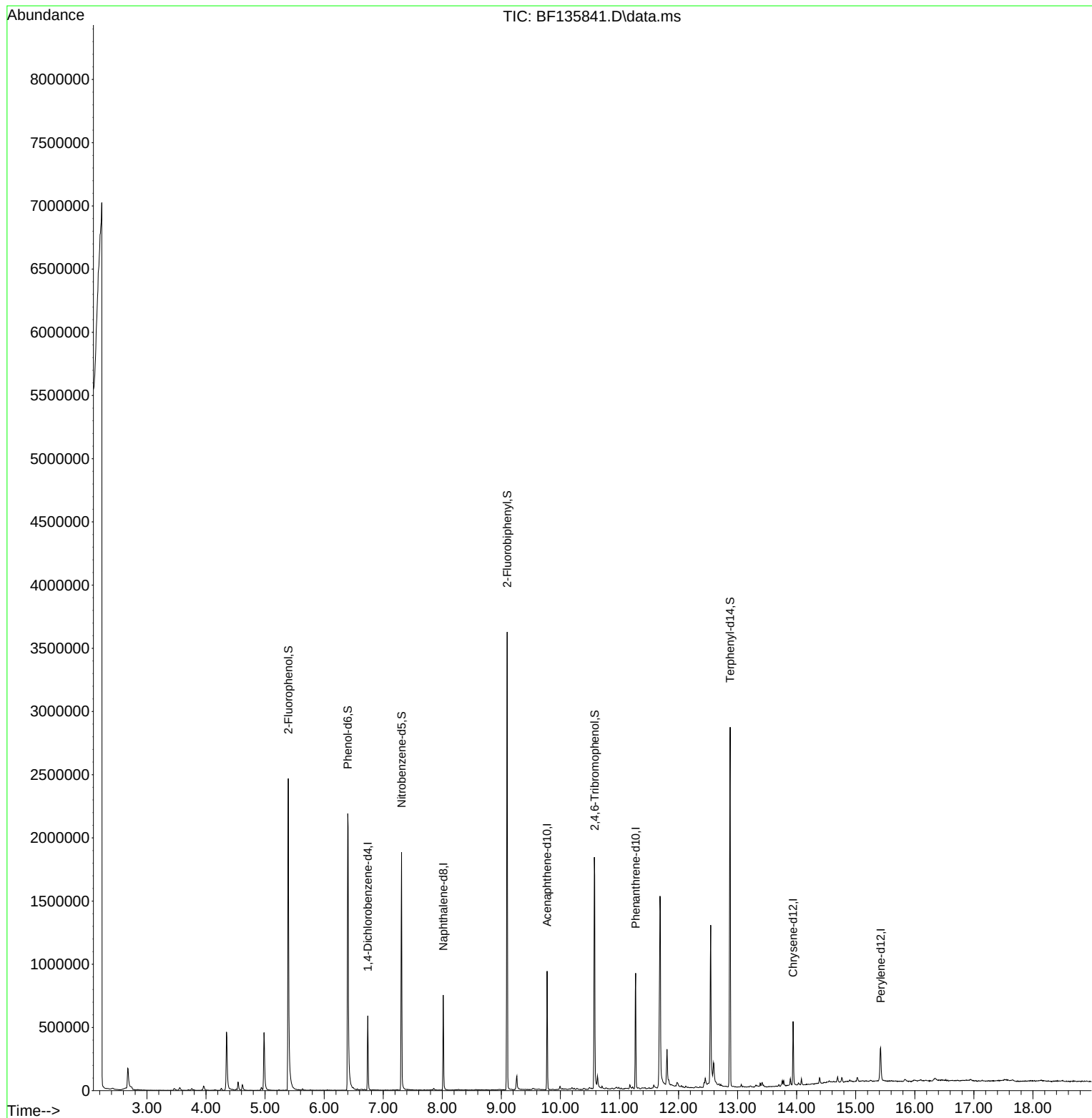
Target Compounds	Qvalue

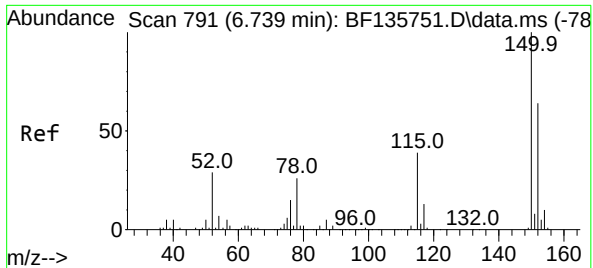
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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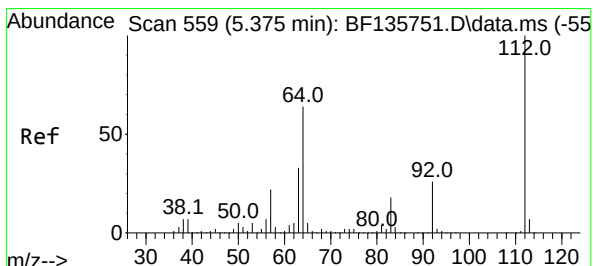
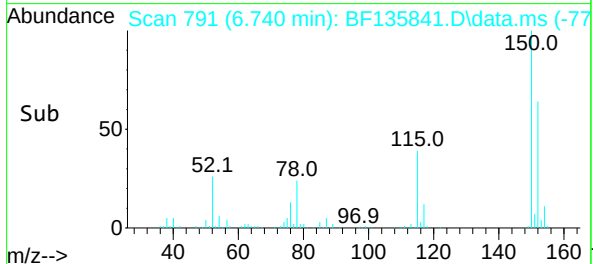
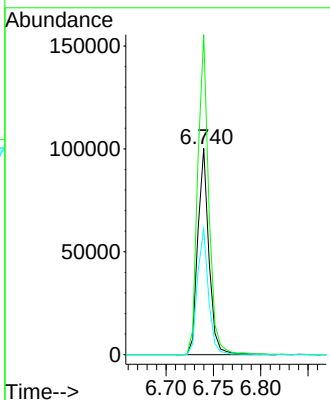
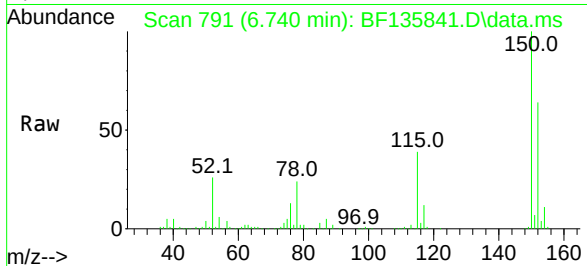




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF135841.D
Acq: 18 Oct 2023 11:59

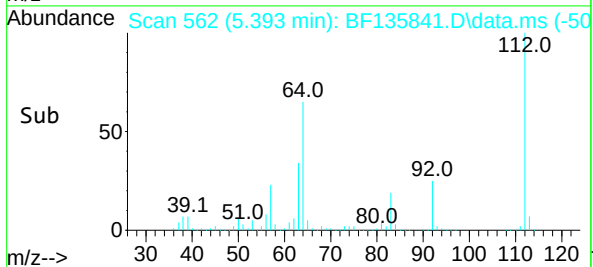
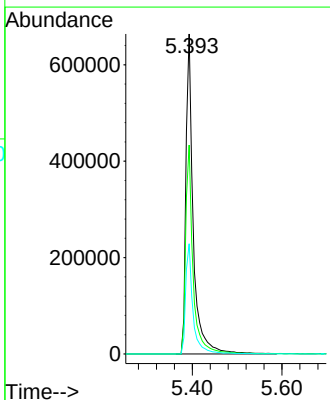
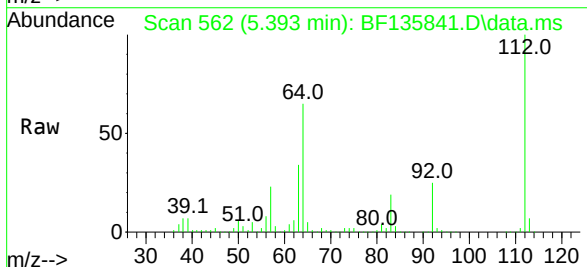
Instrument :
BNA_F
ClientSampleId :
TT-1

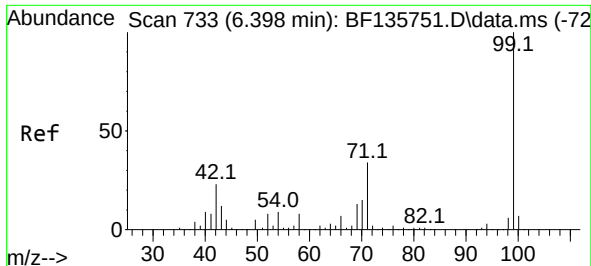
Tgt Ion:152 Resp: 81666
Ion Ratio Lower Upper
152 100
150 155.2 124.5 186.7
115 61.0 49.0 73.4



#5
2-Fluorophenol
Concen: 147.975 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.018 min
Lab File: BF135841.D
Acq: 18 Oct 2023 11:59

Tgt Ion:112 Resp: 751640
Ion Ratio Lower Upper
112 100
64 65.3 51.2 76.8
63 34.5 26.1 39.1

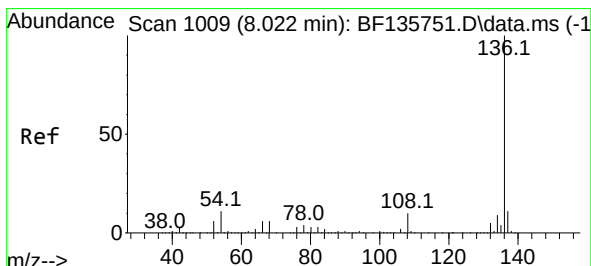
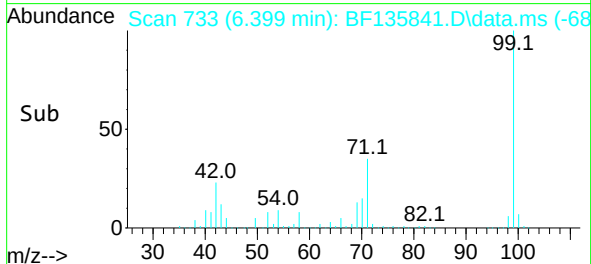
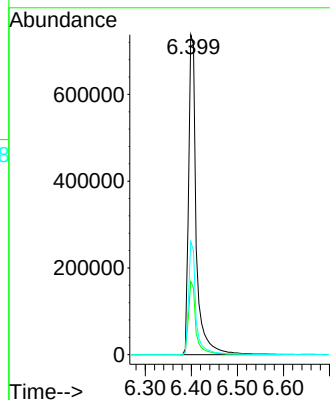
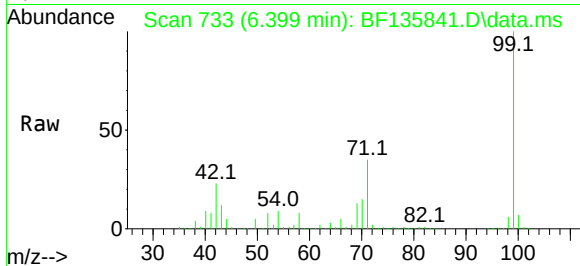




#7
Phenol-d6
Concen: 135.377 ng
RT: 6.399 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135841.D
Acq: 18 Oct 2023 11:59

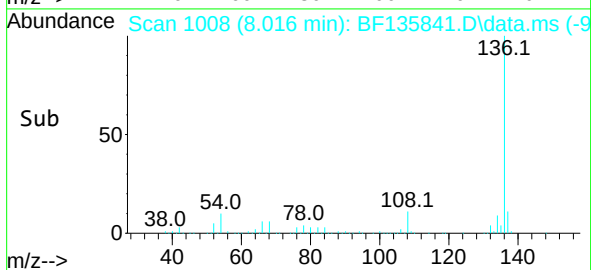
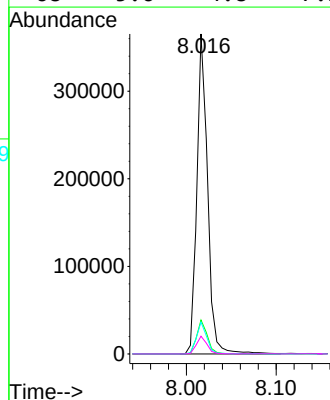
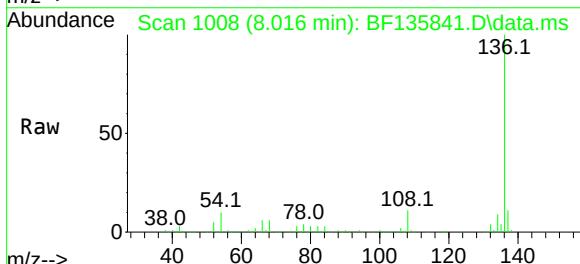
Instrument :
BNA_F
ClientSampleId :
TT-1

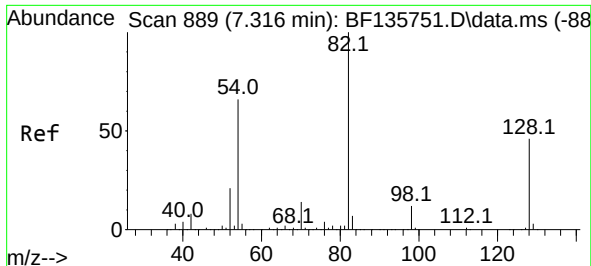
Tgt Ion: 99 Resp: 857999
Ion Ratio Lower Upper
99 100
42 22.8 18.4 27.6
71 35.3 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135841.D
Acq: 18 Oct 2023 11:59

Tgt Ion:136 Resp: 303960
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.9 8.5 12.7
68 5.6 4.8 7.2





#23

Nitrobenzene-d5

Concen: 97.585 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135841.D

Acq: 18 Oct 2023 11:59

Instrument :

BNA_F

ClientSampleId :

TT-1

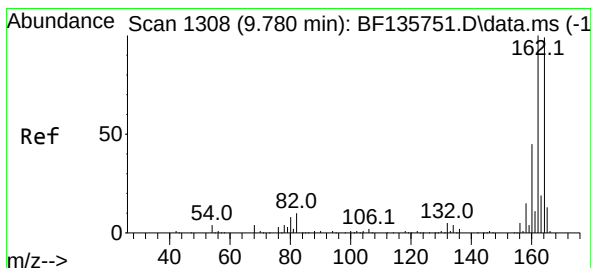
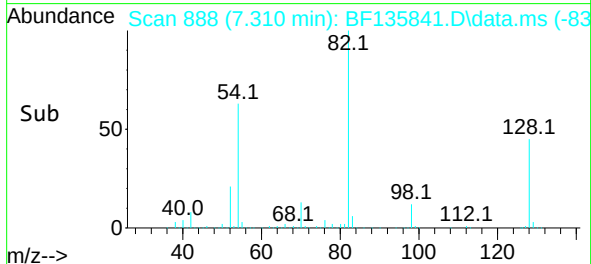
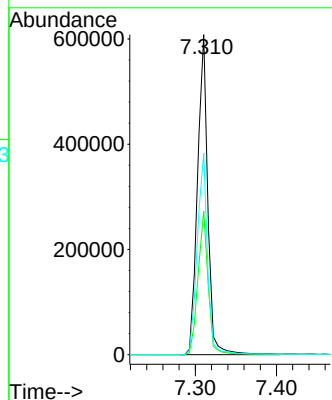
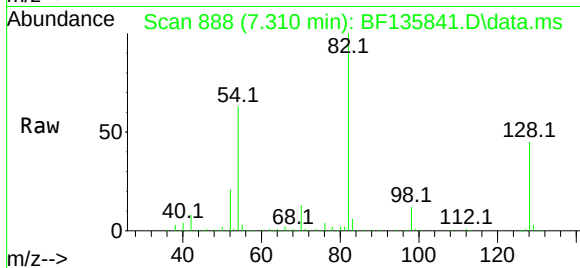
Tgt Ion: 82 Resp: 539313

Ion Ratio Lower Upper

82 100

128 44.9 37.0 55.6

54 62.9 52.8 79.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.012 min

Lab File: BF135841.D

Acq: 18 Oct 2023 11:59

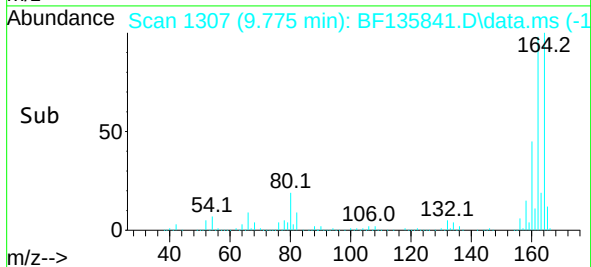
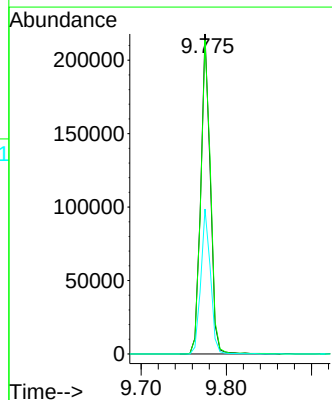
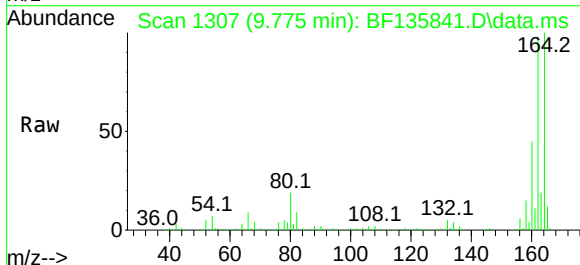
Tgt Ion:164 Resp: 169069

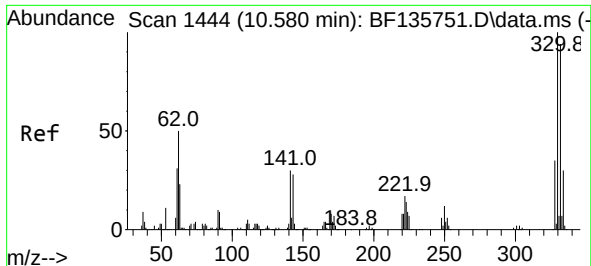
Ion Ratio Lower Upper

164 100

162 98.1 80.8 121.2

160 45.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 155.689 ng

RT: 10.581 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF135841.D

Acq: 18 Oct 2023 11:59

Instrument :

BNA_F

ClientSampleId :

TT-1

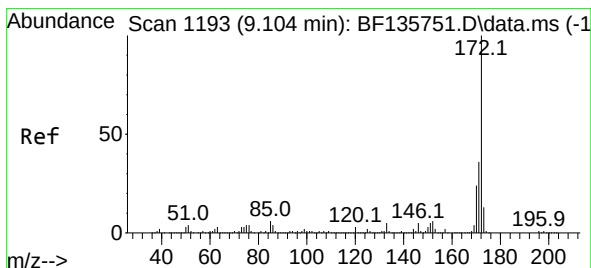
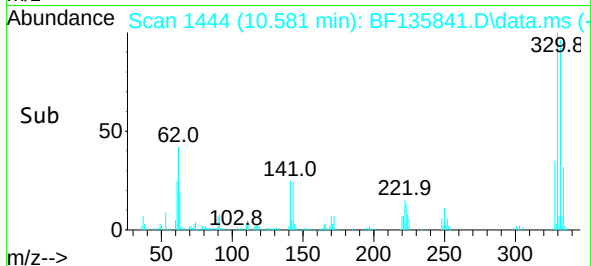
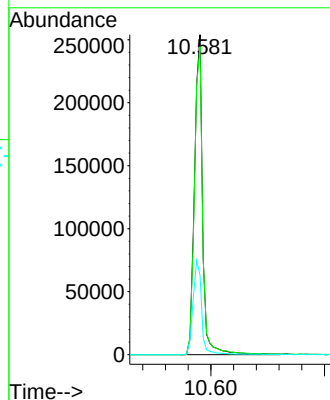
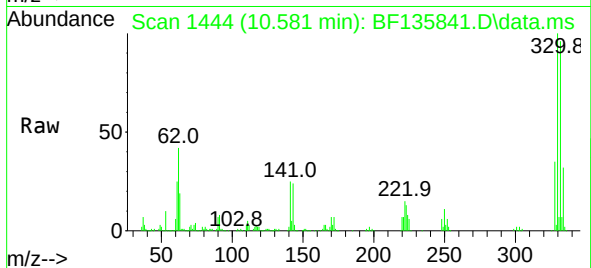
Tgt Ion:330 Resp: 252582

Ion Ratio Lower Upper

330 100

332 98.1 75.0 112.4

141 31.2 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 97.245 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135841.D

Acq: 18 Oct 2023 11:59

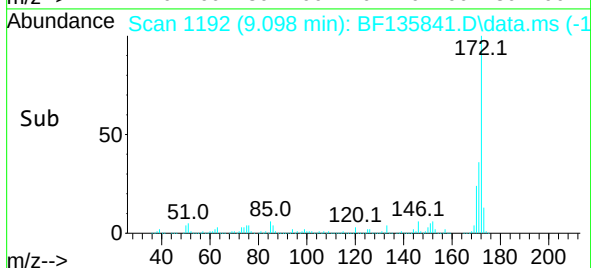
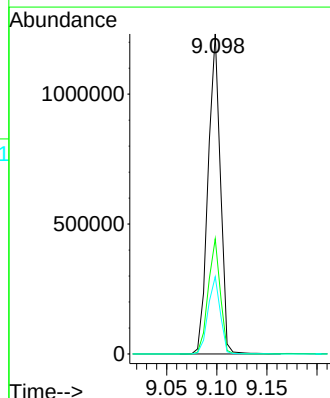
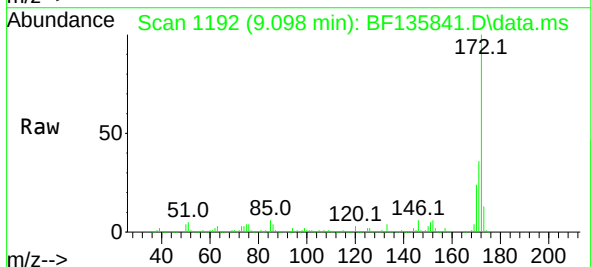
Tgt Ion:172 Resp: 1051554

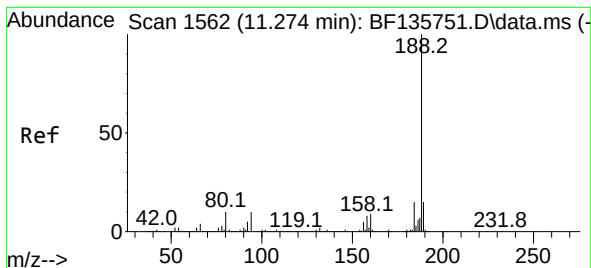
Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 24.2 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.275 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135841.D

Acq: 18 Oct 2023 11:59

Instrument :

BNA_F

ClientSampleId :

TT-1

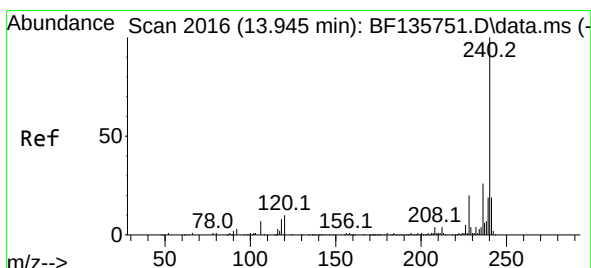
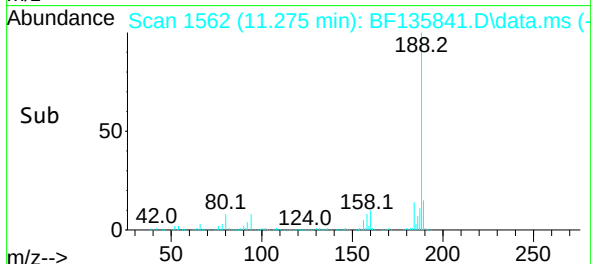
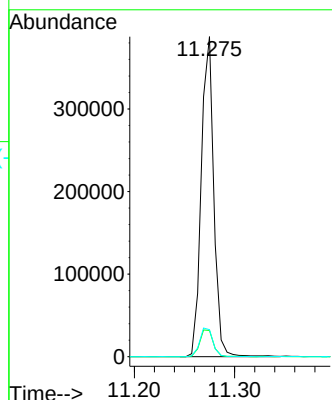
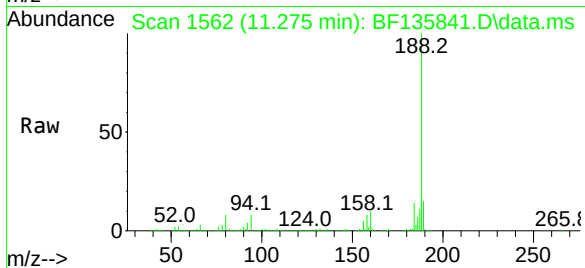
Tgt Ion:188 Resp: 337052

Ion Ratio Lower Upper

188 100

94 8.2 8.0 12.0

80 8.4 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF135841.D

Acq: 18 Oct 2023 11:59

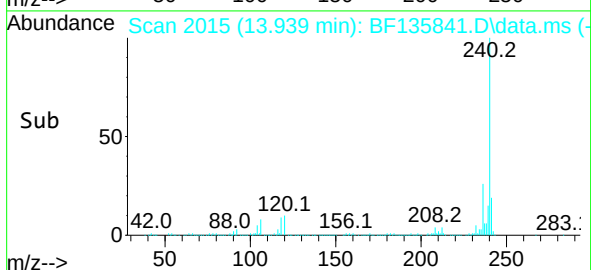
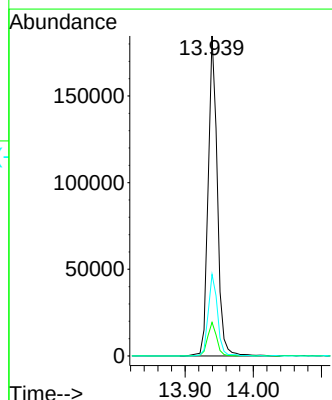
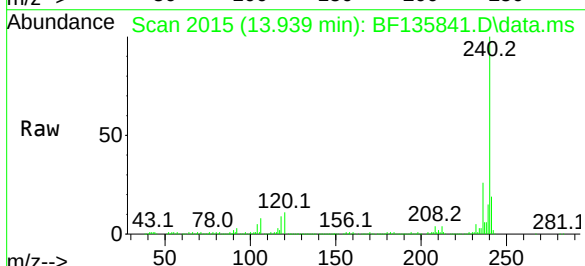
Tgt Ion:240 Resp: 172890

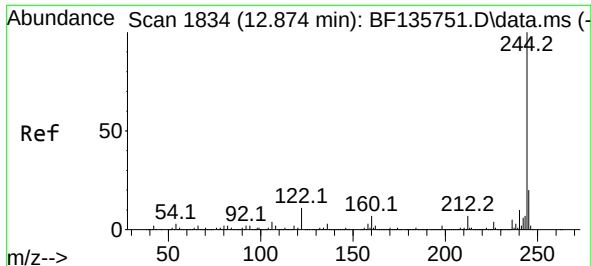
Ion Ratio Lower Upper

240 100

120 10.5 8.2 12.2

236 25.5 21.2 31.8

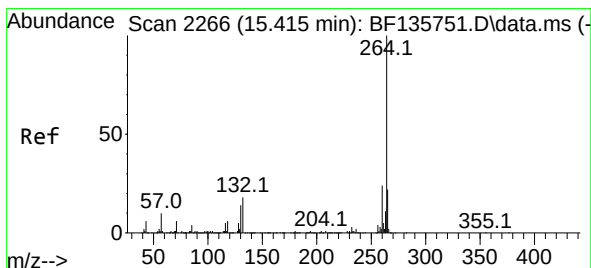
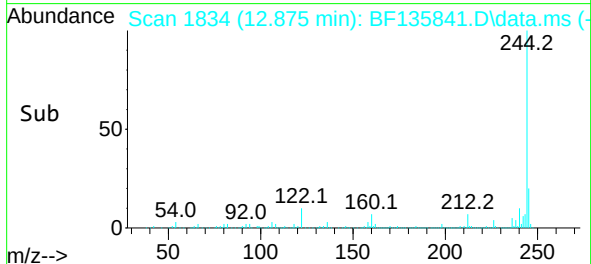
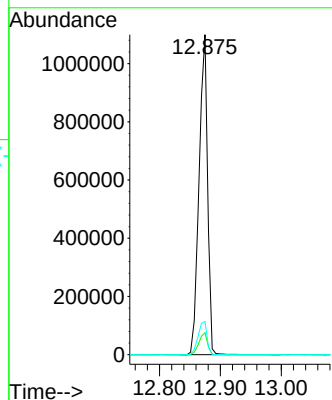
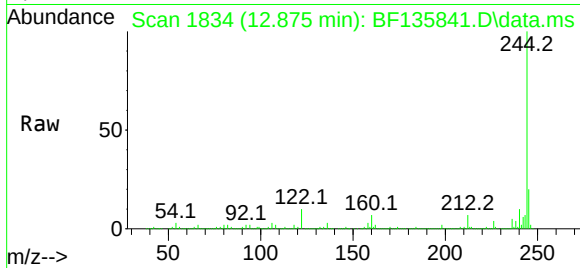




#79
 Terphenyl-d14
 Concen: 114.824 ng
 RT: 12.875 min Scan# 1834
 Delta R.T. -0.006 min
 Lab File: BF135841.D
 Acq: 18 Oct 2023 11:59

Instrument :
 BNA_F
 ClientSampleId :
 TT-1

Tgt Ion:244 Resp: 1071966
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.3 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.422 min Scan# 2267
 Delta R.T. 0.000 min
 Lab File: BF135841.D
 Acq: 18 Oct 2023 11:59

Tgt Ion:264 Resp: 137437
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 20.8 17.4 26.2

