

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
 Data File : BF135982.D
 Acq On : 27 Oct 2023 13:54
 Operator : CG\JU
 Sample : 05027-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H-DRUMS-SOLID

Quant Time: Oct 27 22:30:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	172951	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	663917	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	286111	20.000	ng	0.01
64) Phenanthrene-d10	11.363	188	455158	20.000	ng	0.01
76) Chrysene-d12	14.010	240	324125	20.000	ng	0.00
86) Perylene-d12	15.498	264	393156	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	864637	77.198	ng	0.00
7) Phenol-d6	6.451	99	1086460	77.916	ng	0.00
23) Nitrobenzene-d5	7.386	82	619354	63.093	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	226987	90.638	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	895162	50.099	ng	0.00
79) Terphenyl-d14	12.957	244	654711	33.749	ng	0.00

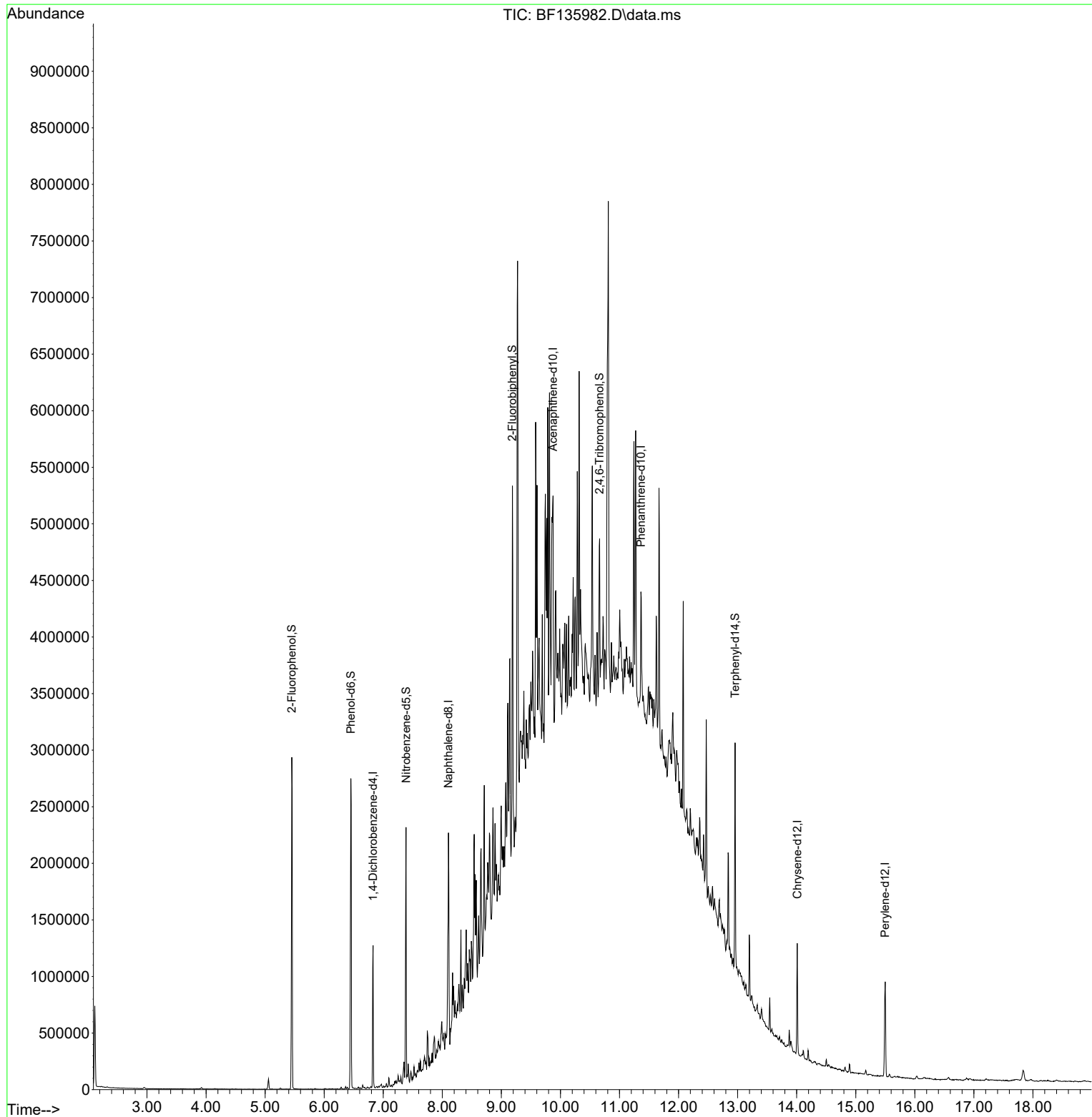
Target Compounds	Qvalue

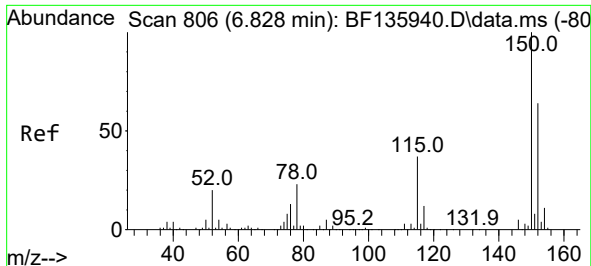
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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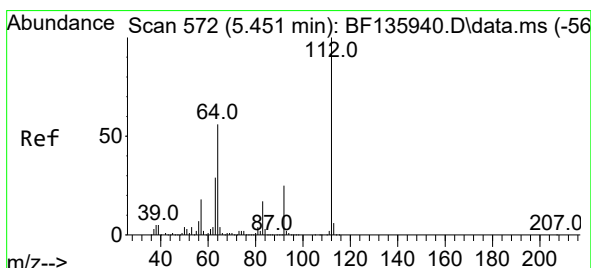
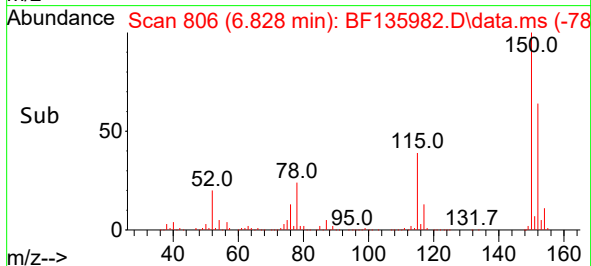
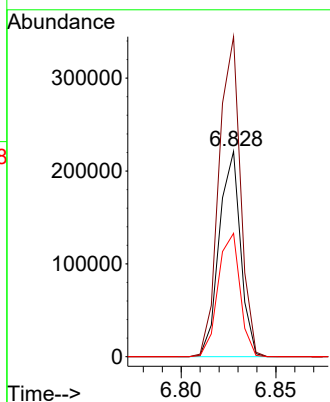
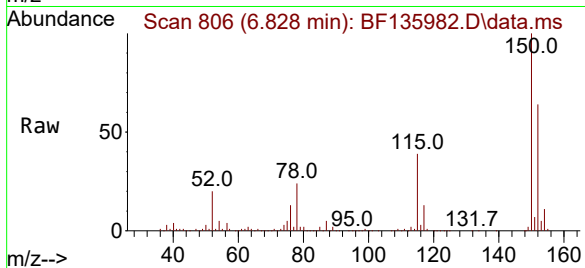




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF135982.D
Acq: 27 Oct 2023 13:54

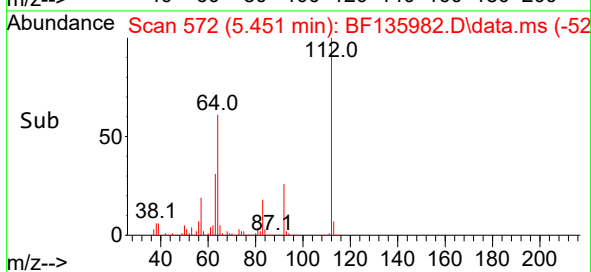
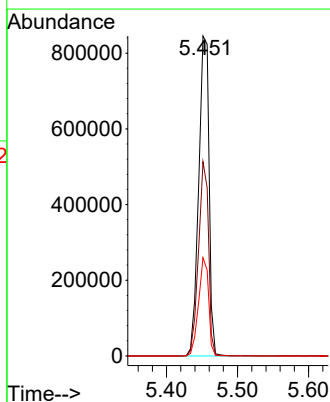
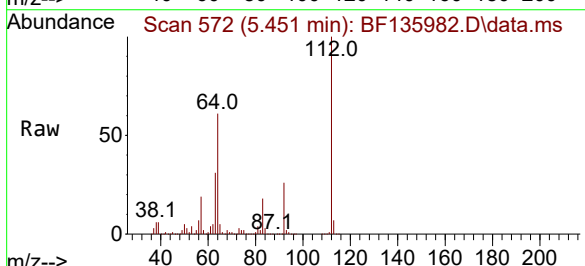
Instrument :
BNA_F
ClientSampleId :
H-DRUMS-SOLID

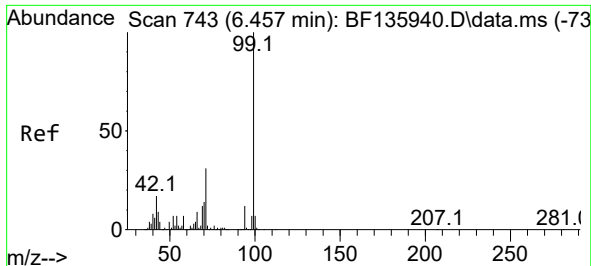
Tgt Ion:152 Resp: 172951
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 60.1 46.6 69.8



#5
2-Fluorophenol
Concen: 77.198 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.000 min
Lab File: BF135982.D
Acq: 27 Oct 2023 13:54

Tgt Ion:112 Resp: 864637
Ion Ratio Lower Upper
112 100
64 60.7 45.1 67.7
63 30.7 23.0 34.4

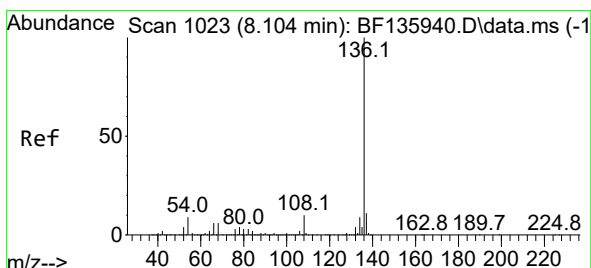
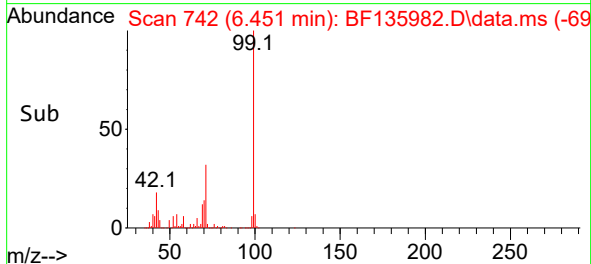
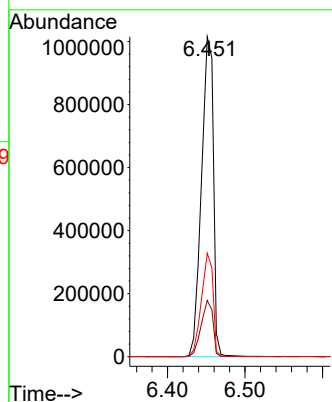
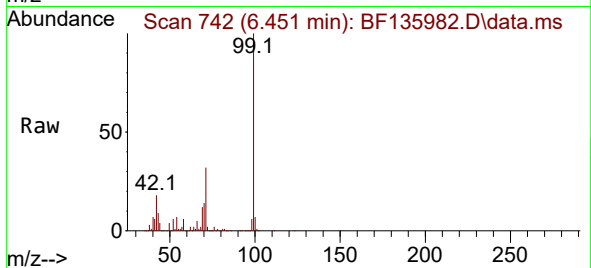




#7
Phenol-d6
Concen: 77.916 ng
RT: 6.451 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF135982.D
Acq: 27 Oct 2023 13:54

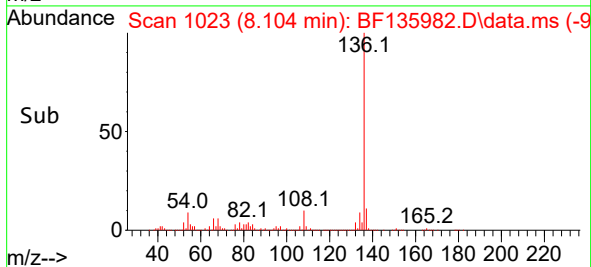
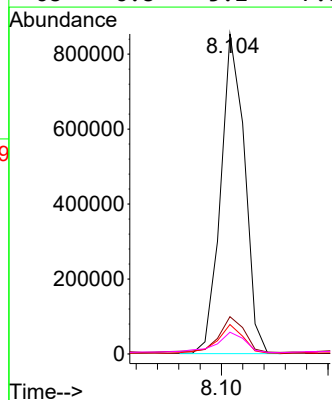
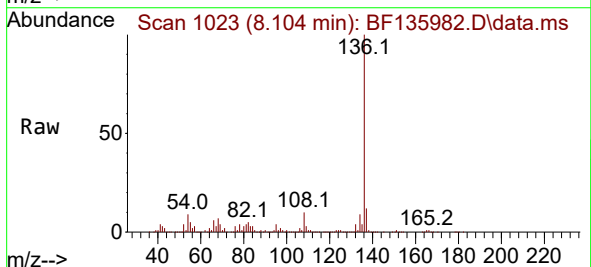
Instrument :
BNA_F
ClientSampleId :
H-DRUMS-SOLID

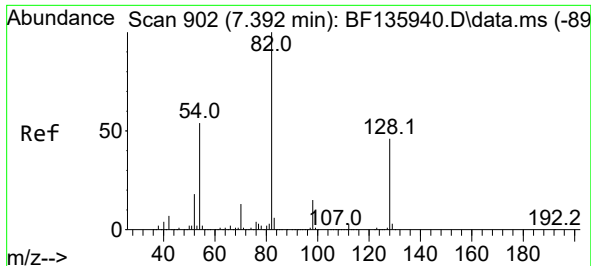
Tgt Ion: 99 Resp: 1086460
Ion Ratio Lower Upper
99 100
42 17.6 13.8 20.8
71 32.4 25.1 37.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF135982.D
Acq: 27 Oct 2023 13:54

Tgt Ion: 136 Resp: 663917
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 9.2 7.1 10.7
68 6.8 5.2 7.8





#23

Nitrobenzene-d5

Concen: 63.093 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF135982.D

Acq: 27 Oct 2023 13:54

Instrument :

BNA_F

ClientSampleId :

H-DRUMS-SOLID

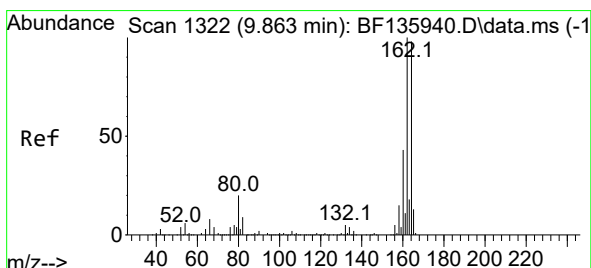
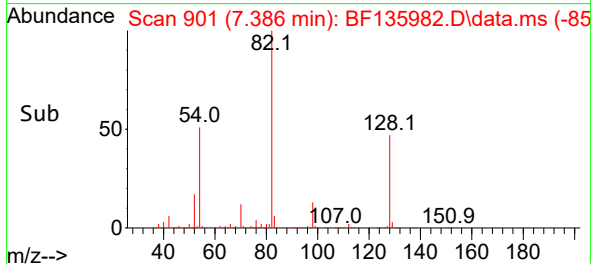
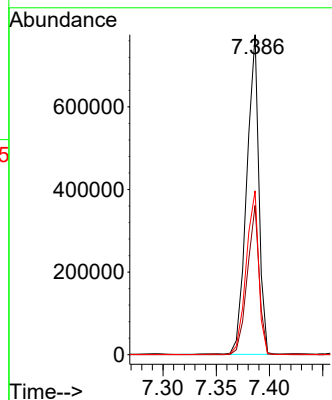
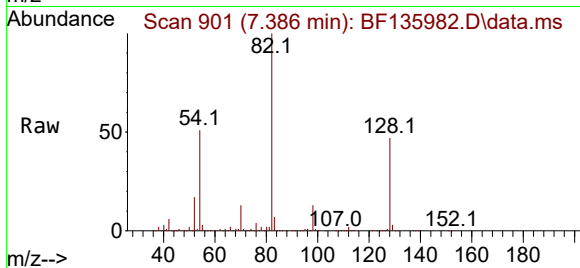
Tgt Ion: 82 Resp: 619354

Ion Ratio Lower Upper

82 100

128 46.6 36.8 55.2

54 51.2 43.4 65.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. 0.012 min

Lab File: BF135982.D

Acq: 27 Oct 2023 13:54

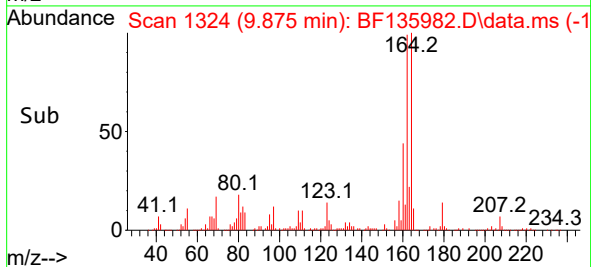
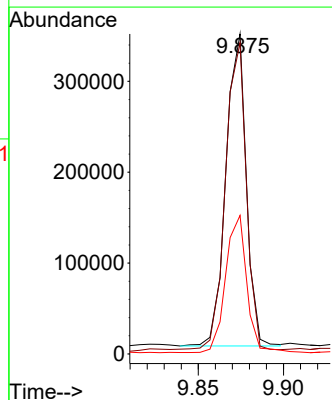
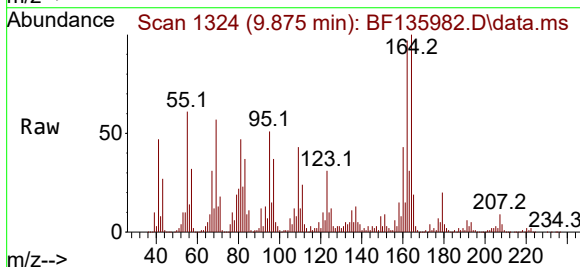
Tgt Ion:164 Resp: 286111

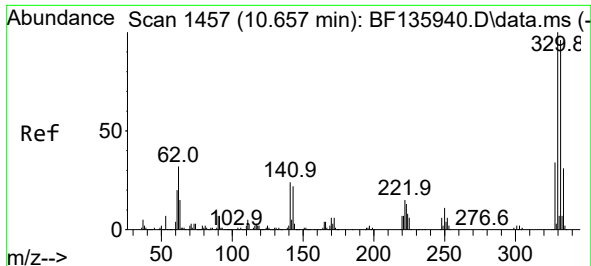
Ion Ratio Lower Upper

164 100

162 97.3 82.0 123.0

160 43.3 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 90.638 ng

RT: 10.663 min Scan# 1457

Delta R.T. 0.006 min

Lab File: BF135982.D

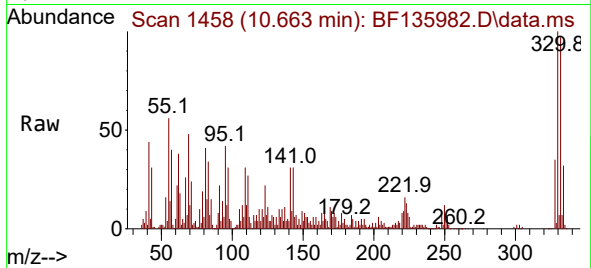
Acq: 27 Oct 2023 13:54

Instrument :

BNA_F

ClientSampleId :

H-DRUMS-SOLID



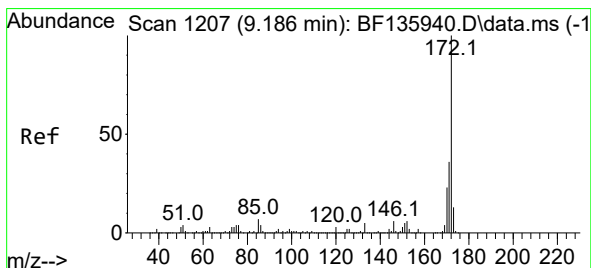
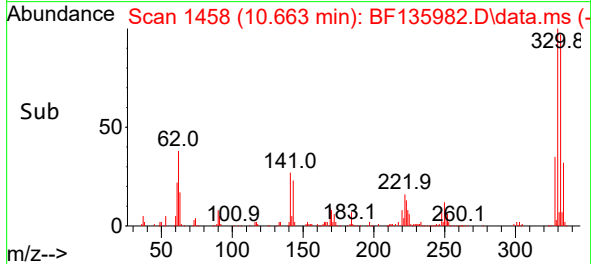
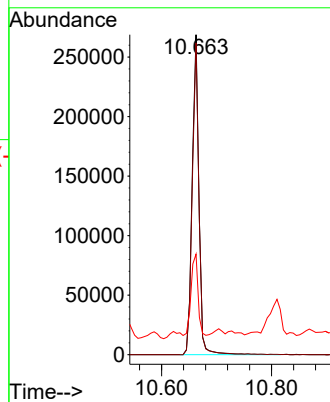
Tgt Ion:330 Resp: 226987

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

141 26.1 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 50.099 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF135982.D

Acq: 27 Oct 2023 13:54

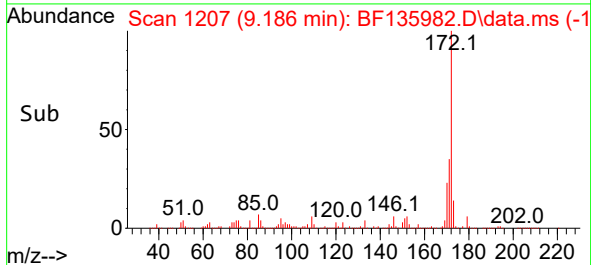
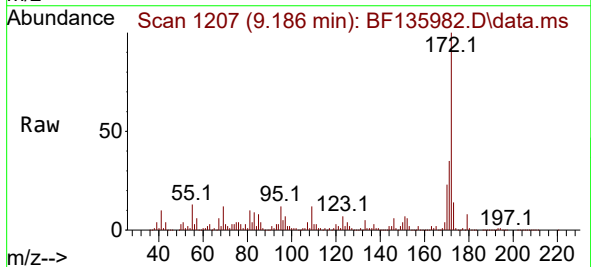
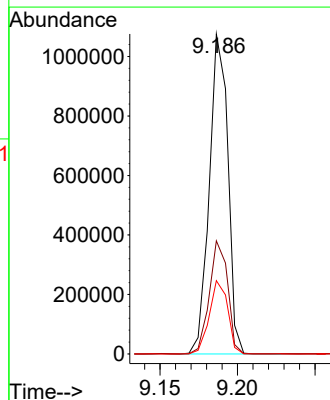
Tgt Ion:172 Resp: 895162

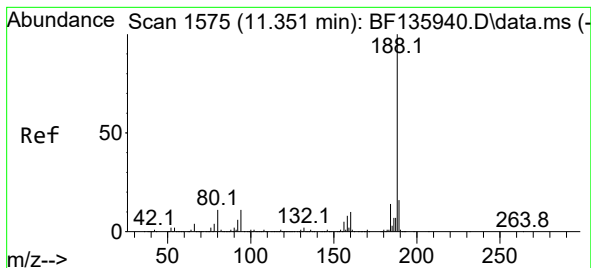
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 22.9 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF135982.D

Acq: 27 Oct 2023 13:54

Instrument :

BNA_F

ClientSampleId :

H-DRUMS-SOLID

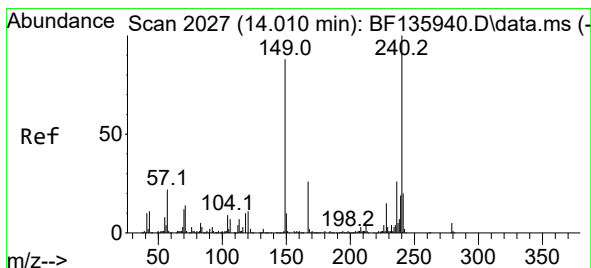
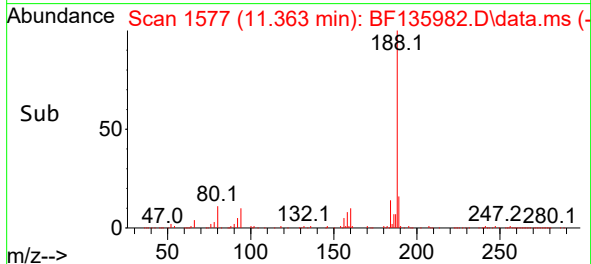
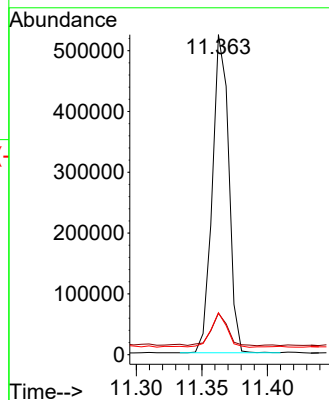
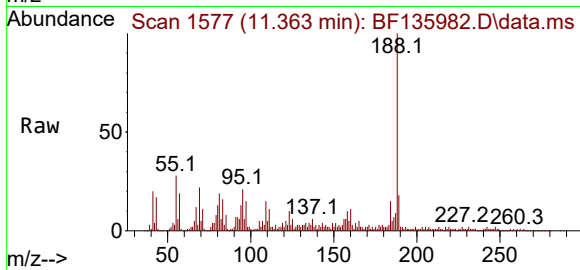
Tgt Ion:188 Resp: 455158

Ion Ratio Lower Upper

188 100

94 12.9 8.6 13.0

80 13.1 9.0 13.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF135982.D

Acq: 27 Oct 2023 13:54

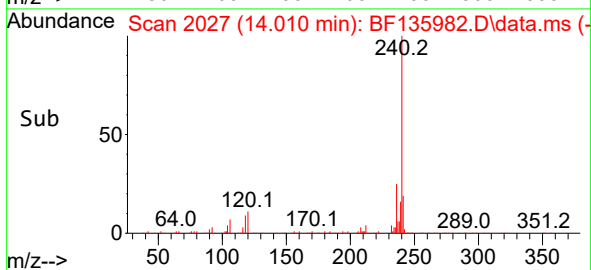
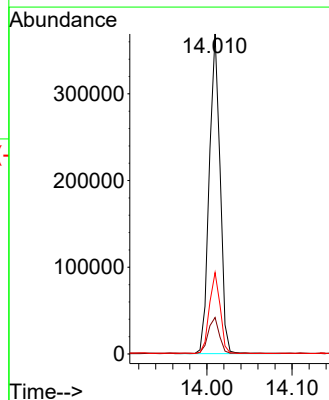
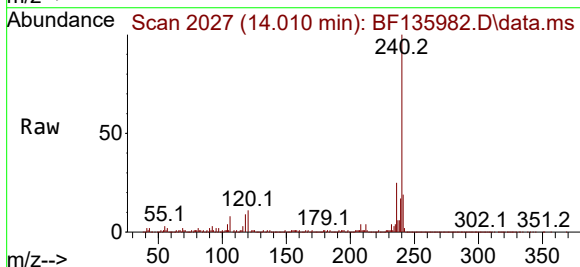
Tgt Ion:240 Resp: 324125

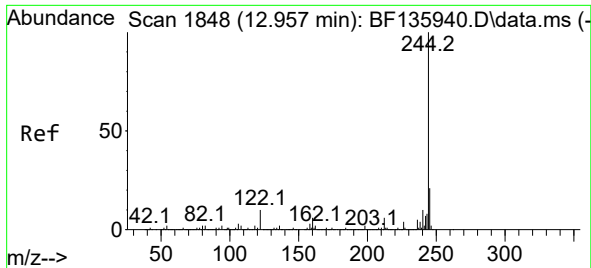
Ion Ratio Lower Upper

240 100

120 11.4 8.6 13.0

236 25.5 20.6 30.8

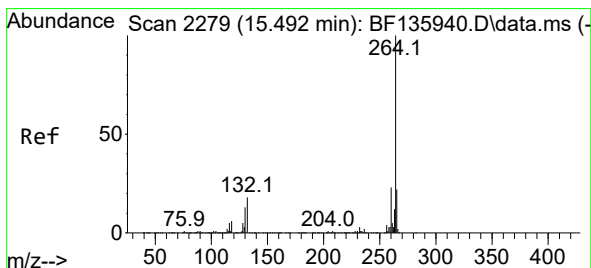
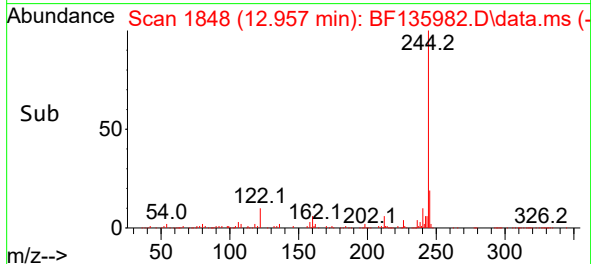
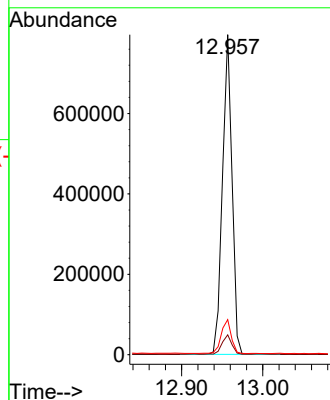
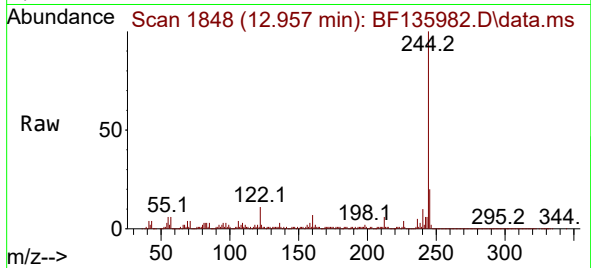




#79
 Terphenyl-d14
 Concen: 33.749 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF135982.D
 Acq: 27 Oct 2023 13:54

Instrument :
 BNA_F
 ClientSampleId :
 H-DRUMS-SOLID

Tgt Ion:244 Resp: 654711
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.6
 122 11.0 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. 0.006 min
 Lab File: BF135982.D
 Acq: 27 Oct 2023 13:54

Tgt Ion:264 Resp: 393156
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 21.2 17.3 25.9

