

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
 Data File : BF135080.D
 Acq On : 01 Sep 2023 17:10
 Operator : CG\JU
 Sample : 04244-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BIN-BLOCK

Quant Time: Sep 04 01:08:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	85503	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	335459	20.000	ng	-0.01
39) Acenaphthene-d10	9.804	164	148685	20.000	ng	-0.01
64) Phenanthrene-d10	11.298	188	224984	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	195738	20.000	ng	-0.01
86) Perylene-d12	15.421	264	208905	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	330645	59.731	ng	0.00
7) Phenol-d6	6.410	99	604934	87.675	ng	0.00
23) Nitrobenzene-d5	7.334	82	434005	72.685	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	38975	24.711	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	729135	79.841	ng	-0.01
79) Terphenyl-d14	12.898	244	639270	53.297	ng	0.00

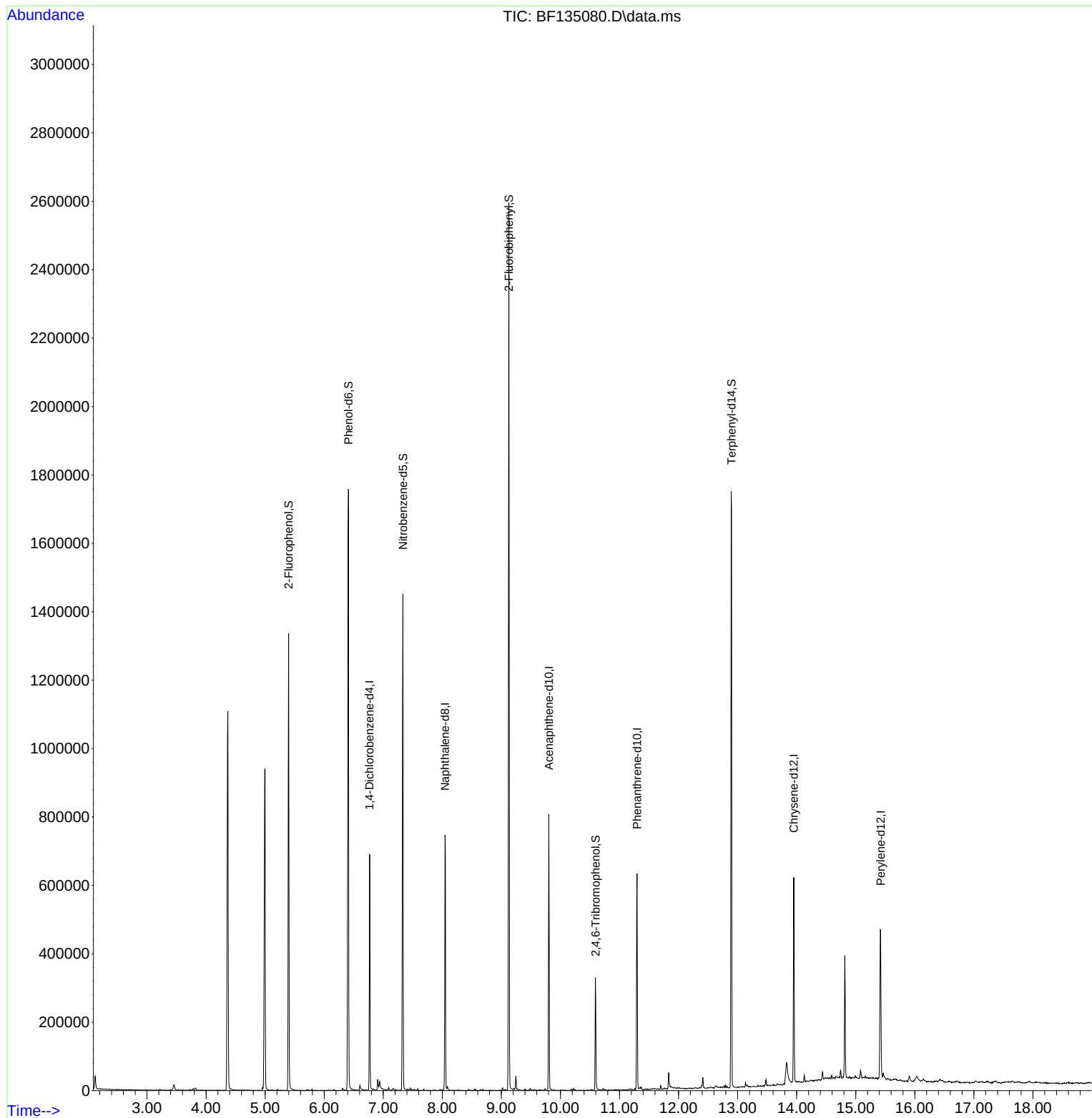
Target Compounds	Qvalue

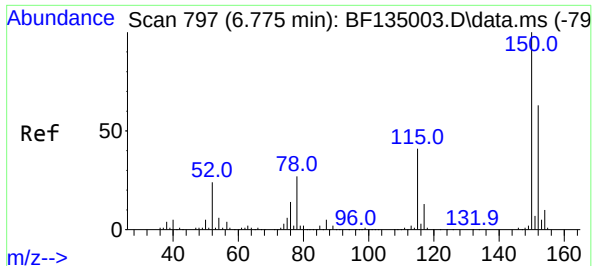
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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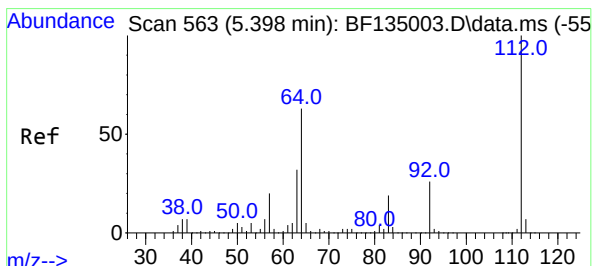
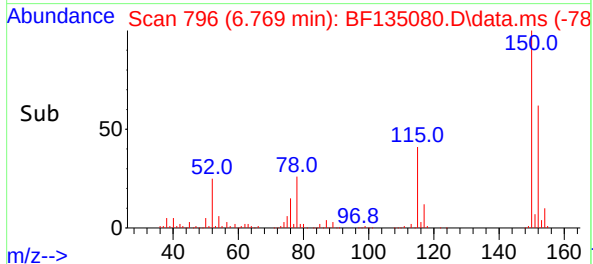
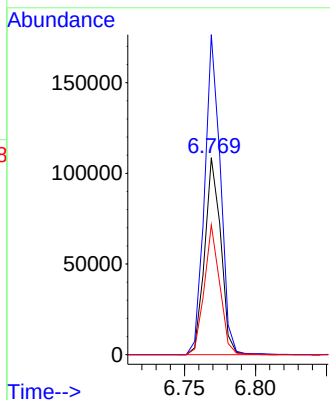
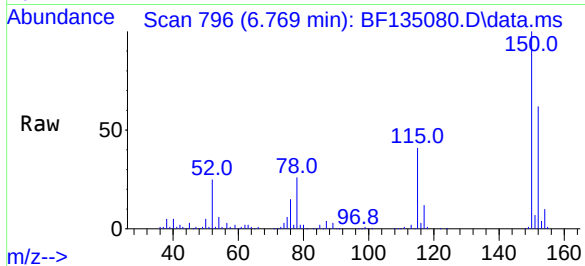




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135080.D
Acq: 01 Sep 2023 17:10

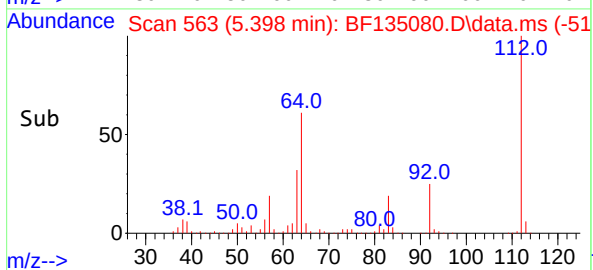
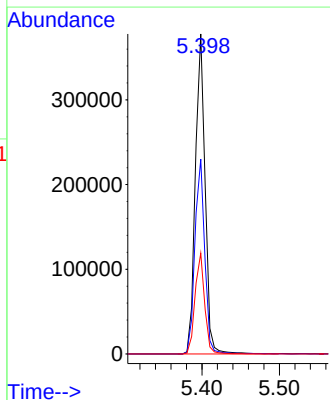
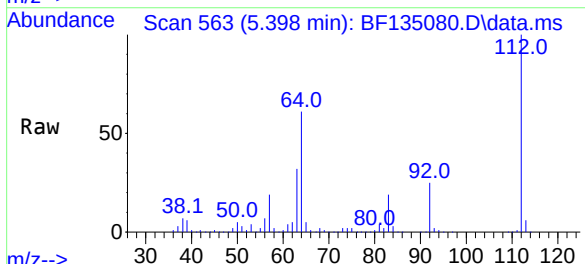
Instrument :
BNA_F
ClientSampleId :
BIN-BLOCK

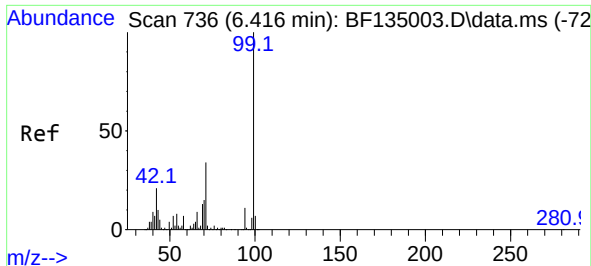
Tgt Ion:152 Resp: 85503
Ion Ratio Lower Upper
152 100
150 162.5 126.2 189.4
115 65.9 51.2 76.8



#5
2-Fluorophenol
Concen: 59.731 ng
RT: 5.398 min Scan# 563
Delta R.T. -0.000 min
Lab File: BF135080.D
Acq: 01 Sep 2023 17:10

Tgt Ion:112 Resp: 330645
Ion Ratio Lower Upper
112 100
64 60.9 50.5 75.7
63 31.5 25.9 38.9

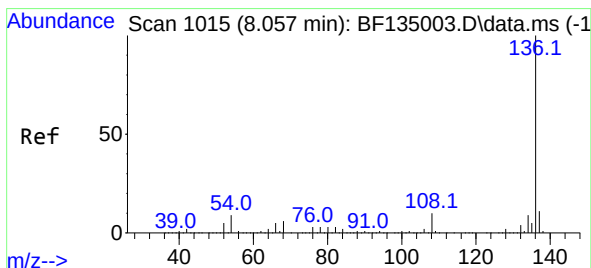
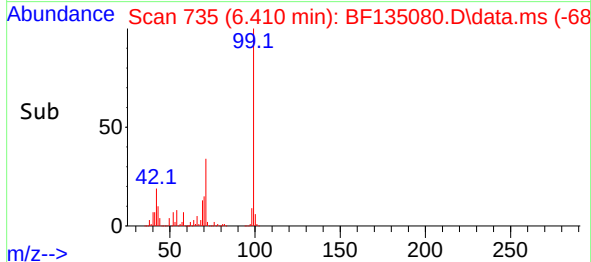
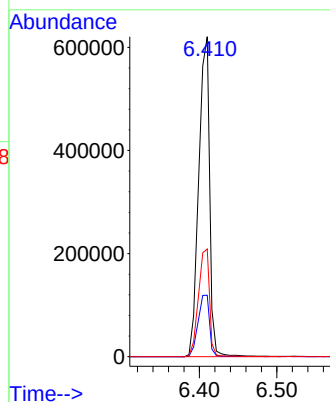
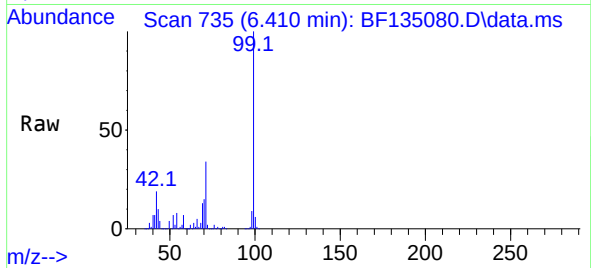




#7
Phenol-d6
Concen: 87.675 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135080.D
Acq: 01 Sep 2023 17:10

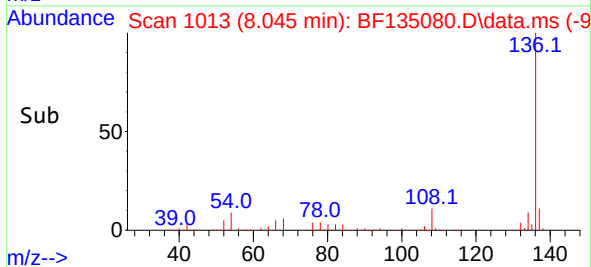
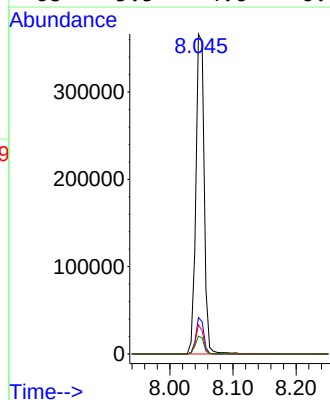
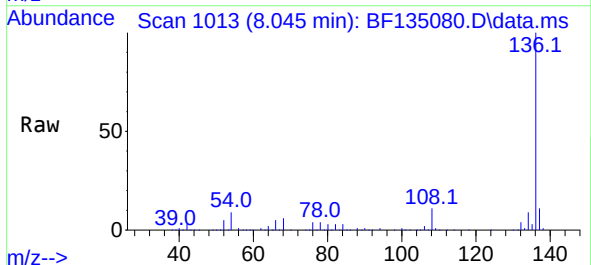
Instrument :
BNA_F
ClientSampleId :
BIN-BLOCK

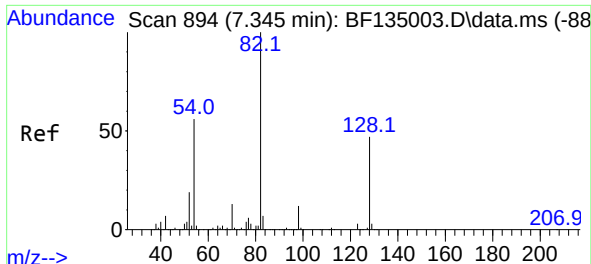
Tgt Ion: 99 Resp: 604934
Ion Ratio Lower Upper
99 100
42 19.2 16.6 25.0
71 33.7 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135080.D
Acq: 01 Sep 2023 17:10

Tgt Ion: 136 Resp: 335459
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.1 7.0 10.4
68 5.5 4.6 6.8

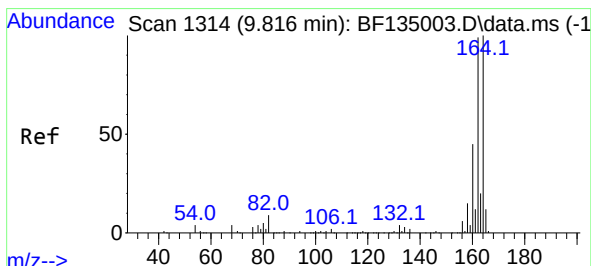
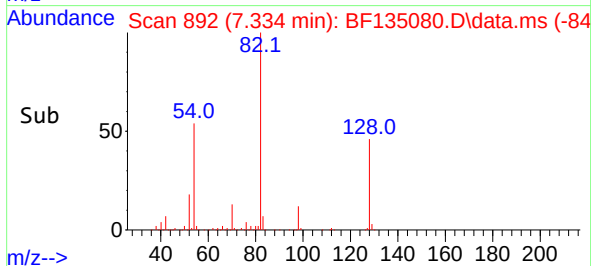
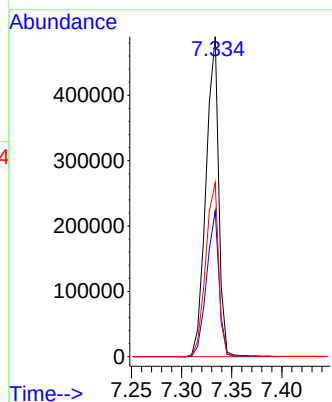
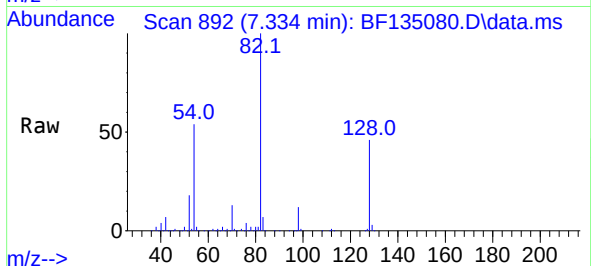




#23
Nitrobenzene-d5
Concen: 72.685 ng
RT: 7.334 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF135080.D
Acq: 01 Sep 2023 17:10

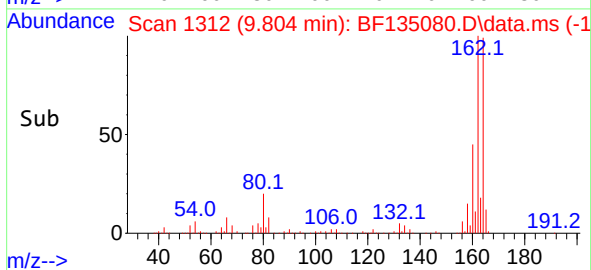
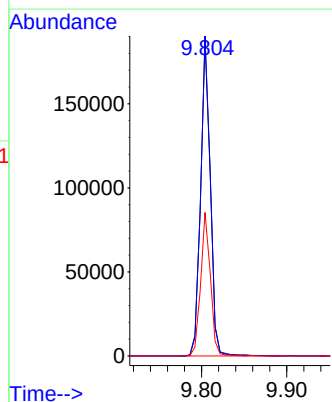
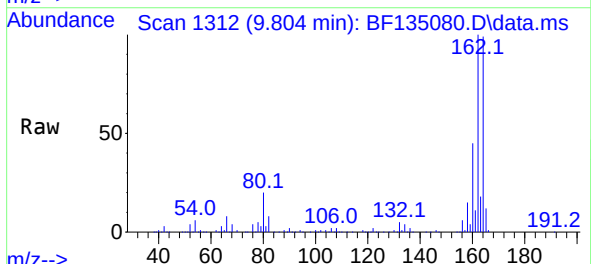
Instrument :
BNA_F
ClientSampleId :
BIN-BLOCK

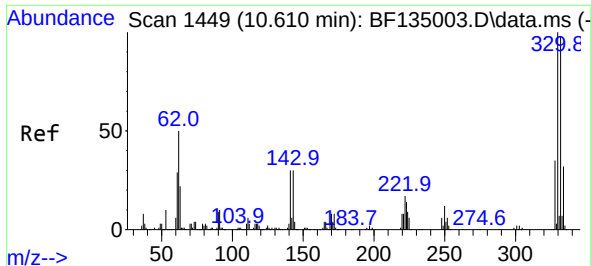
Tgt Ion: 82 Resp: 434005
Ion Ratio Lower Upper
82 100
128 45.6 37.8 56.8
54 54.4 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF135080.D
Acq: 01 Sep 2023 17:10

Tgt Ion: 164 Resp: 148685
Ion Ratio Lower Upper
164 100
162 101.3 79.5 119.3
160 45.5 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 24.711 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF135080.D

Acq: 01 Sep 2023 17:10

Instrument :

BNA_F

ClientSampleId :

BIN-BLOCK

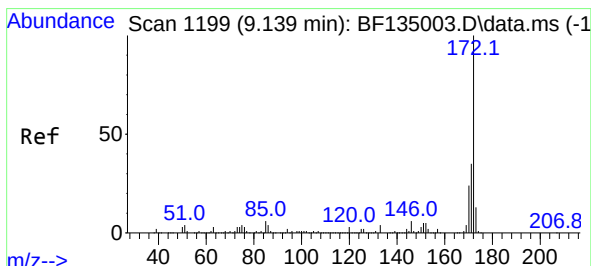
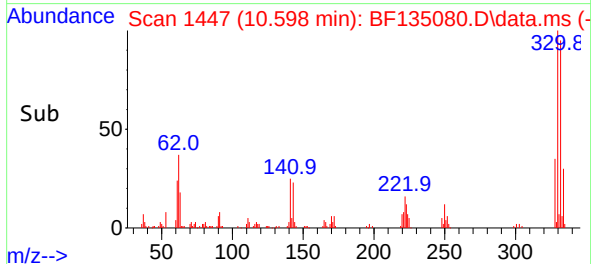
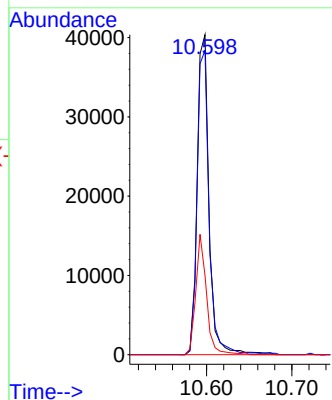
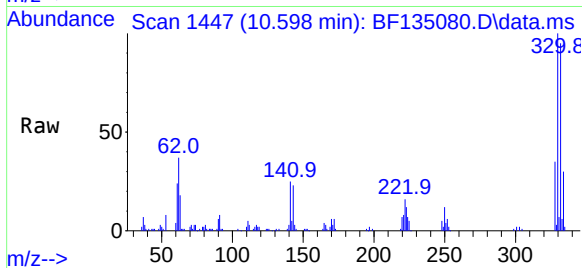
Tgt Ion:330 Resp: 38975

Ion Ratio Lower Upper

330 100

332 95.9 77.6 116.4

141 34.1 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 79.841 ng

RT: 9.128 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF135080.D

Acq: 01 Sep 2023 17:10

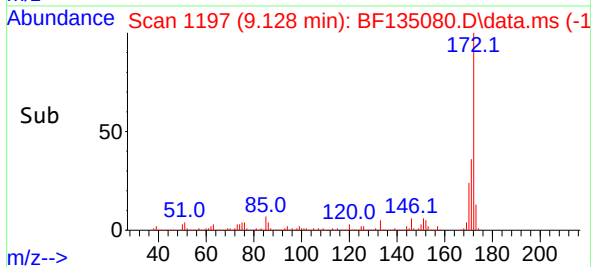
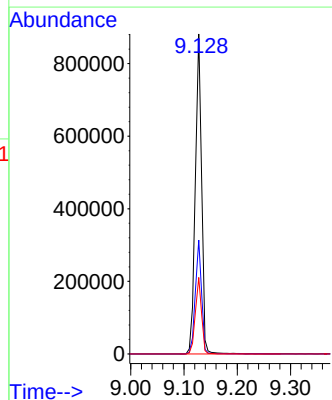
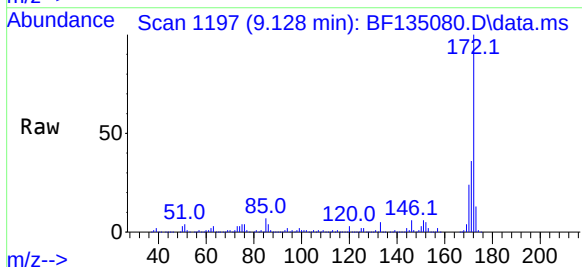
Tgt Ion:172 Resp: 729135

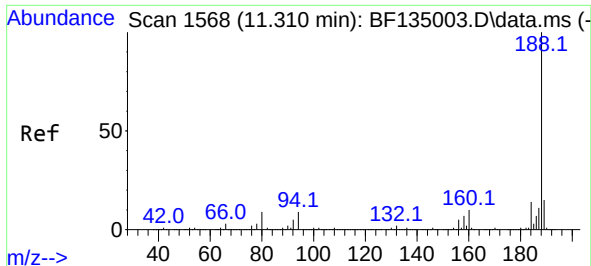
Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.9 19.0 28.4

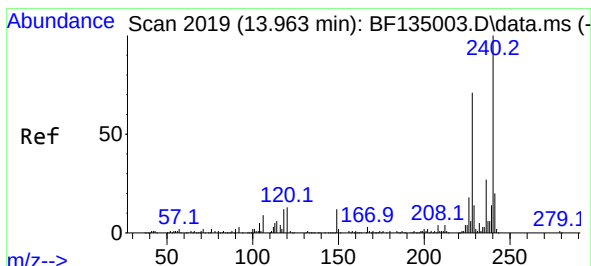
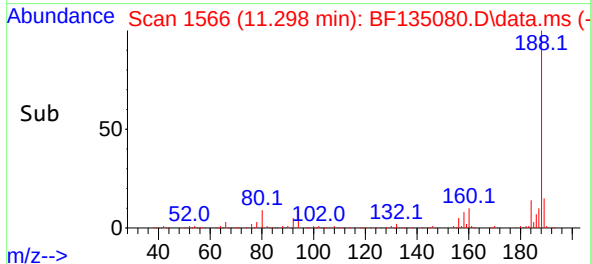
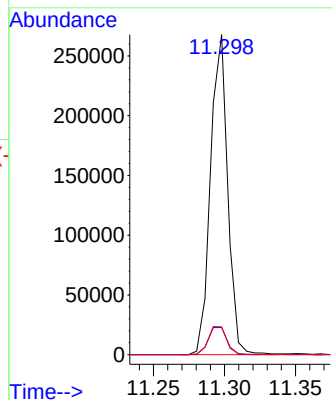
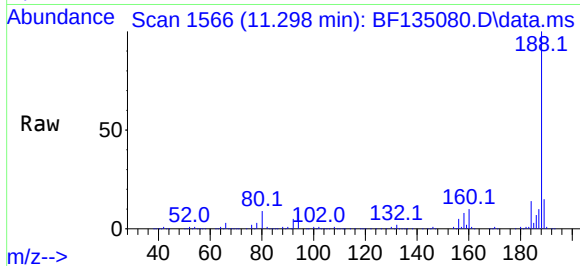




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135080.D
Acq: 01 Sep 2023 17:10

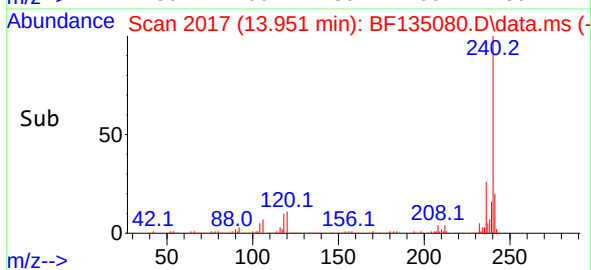
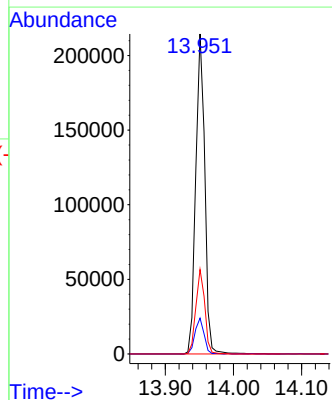
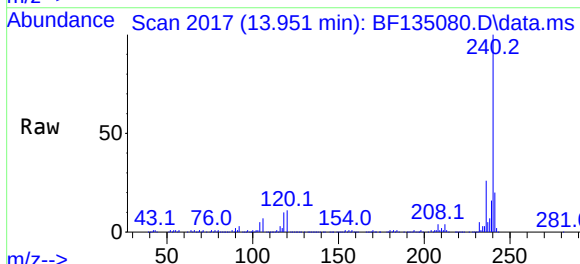
Instrument :
BNA_F
ClientSampleId :
BIN-BLOCK

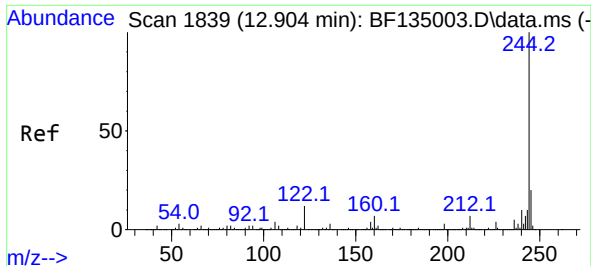
Tgt Ion:188 Resp: 224984
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.4
80 8.7 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF135080.D
Acq: 01 Sep 2023 17:10

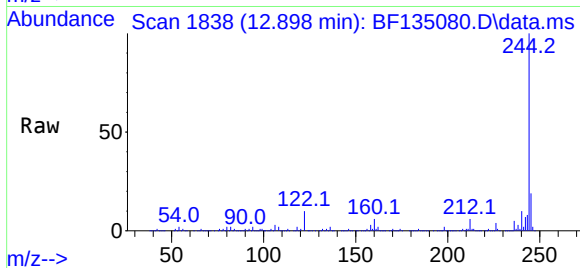
Tgt Ion:240 Resp: 195738
Ion Ratio Lower Upper
240 100
120 11.2 10.2 15.2
236 26.4 21.3 31.9



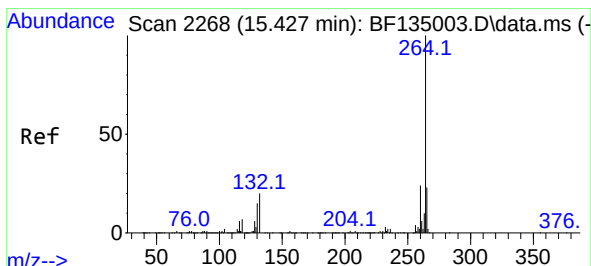
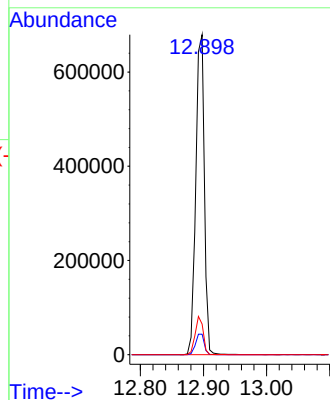
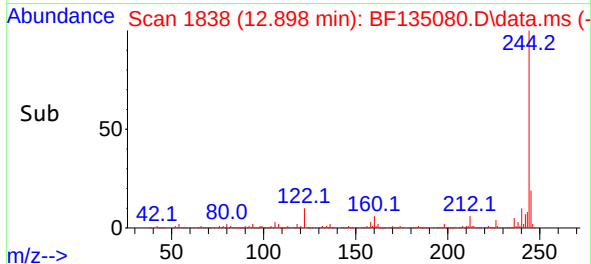


#79
 Terphenyl-d14
 Concen: 53.297 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF135080.D
 Acq: 01 Sep 2023 17:10

Instrument :
 BNA_F
 ClientSampleId :
 BIN-BLOCK



Tgt Ion:244 Resp: 639270
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 9.6 9.8 14.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF135080.D
 Acq: 01 Sep 2023 17:10

Tgt Ion:264 Resp: 208905
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.0 18.2 27.2

