

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
 Data File : BF135135.D
 Acq On : 07 Sep 2023 15:35
 Operator : CG\JU
 Sample : 04283-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5

Quant Time: Sep 07 17:18:07 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	93234	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	384339	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	196643	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	344726	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	177060	20.000	ng	0.00
86) Perylene-d12	15.427	264	183908	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	623614	103.315	ng	0.01
7) Phenol-d6	6.410	99	762516	101.350	ng	0.00
23) Nitrobenzene-d5	7.334	82	473897	69.272	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	212467	101.855	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	878686	72.751	ng	-0.01
79) Terphenyl-d14	12.898	244	832427	76.722	ng	0.00

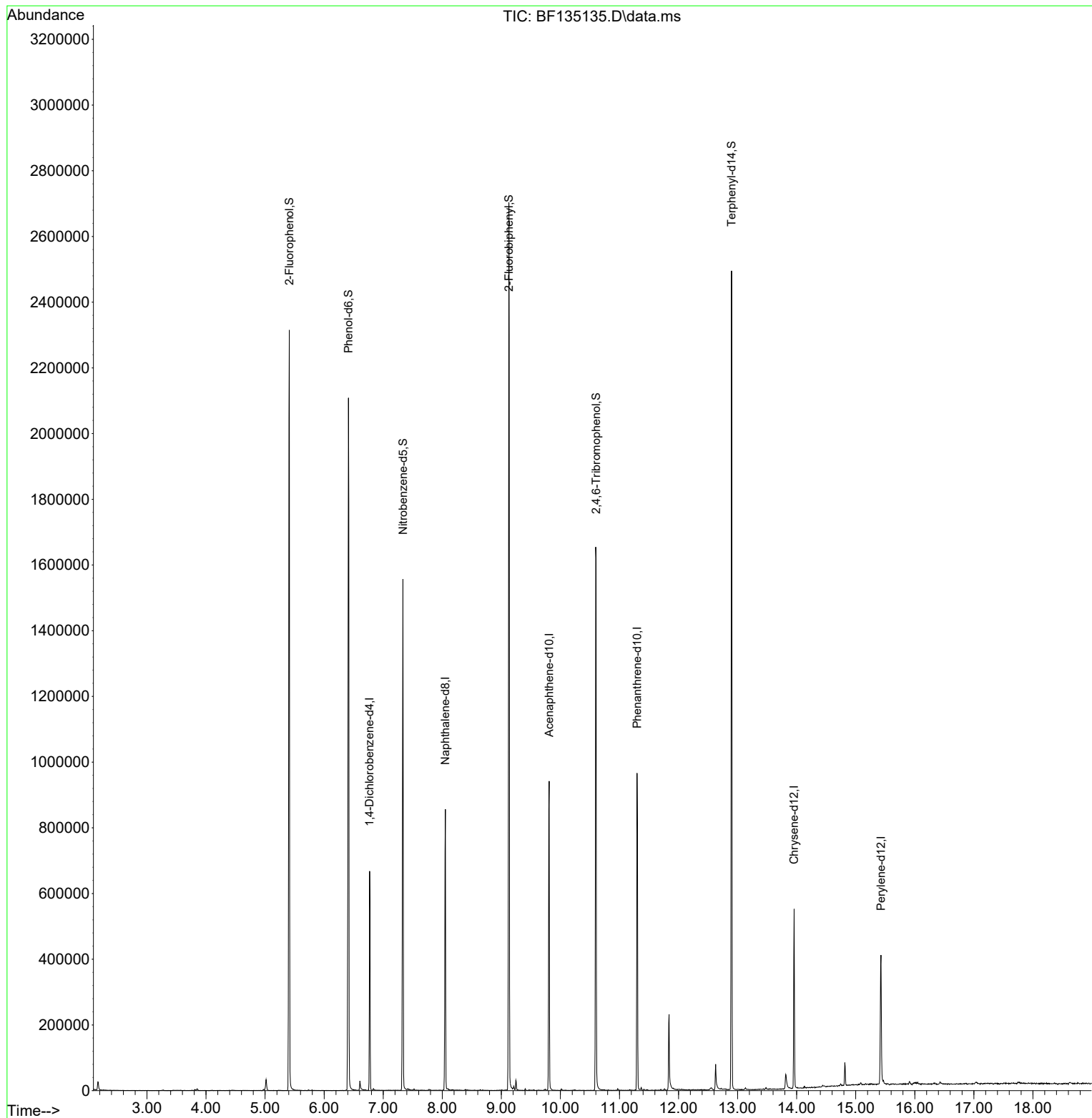
Target Compounds	Qvalue

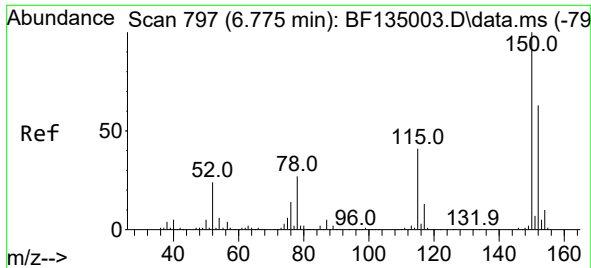
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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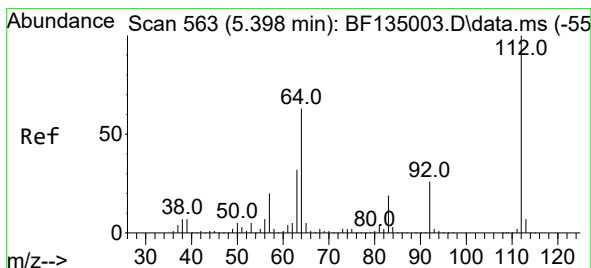
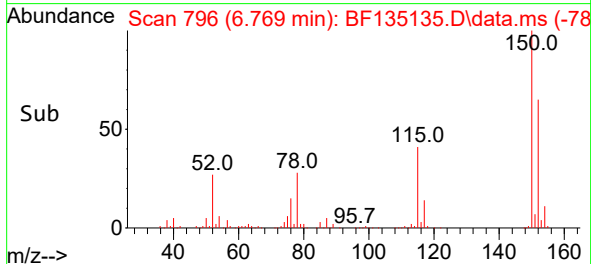
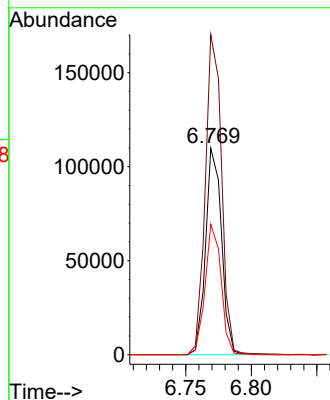
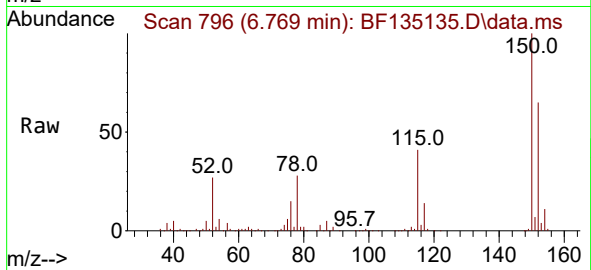




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135135.D
Acq: 07 Sep 2023 15:35

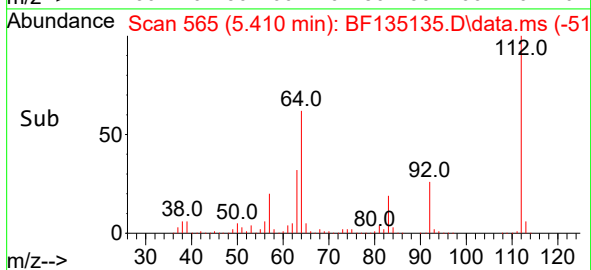
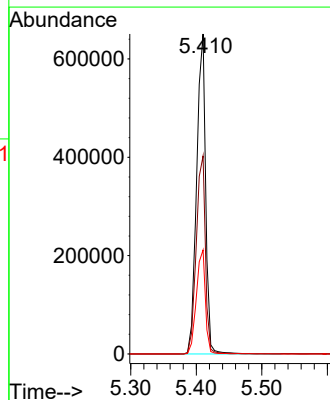
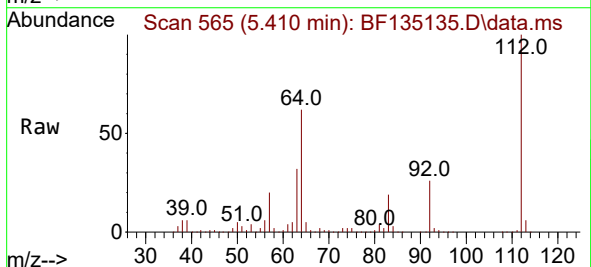
Instrument :
BNA_F
ClientSampleId :
SB-5

Tgt Ion:152 Resp: 93234
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.4
115 63.1 51.2 76.8



#5
2-Fluorophenol
Concen: 103.315 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF135135.D
Acq: 07 Sep 2023 15:35

Tgt Ion:112 Resp: 623614
Ion Ratio Lower Upper
112 100
64 61.9 50.5 75.7
63 32.5 25.9 38.9





#7
Phenol-d6
Concen: 101.350 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135135.D
Acq: 07 Sep 2023 15:35

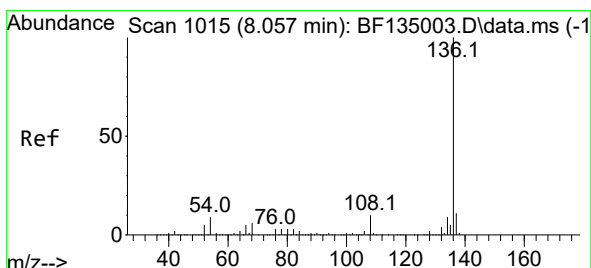
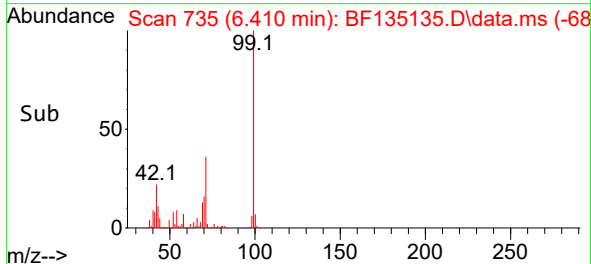
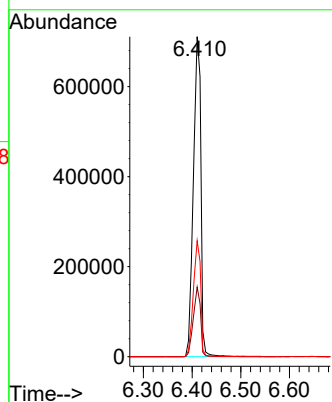
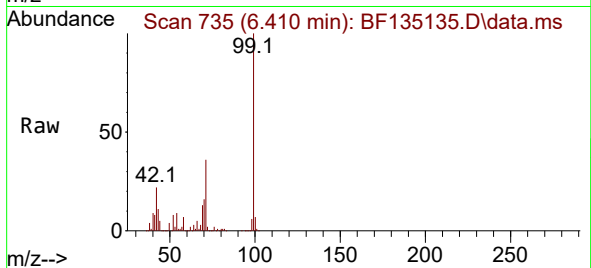
Instrument :

BNA_F

ClientSampleId :

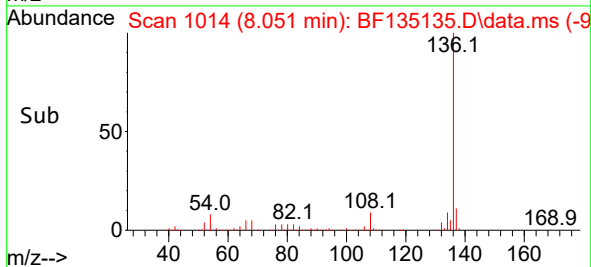
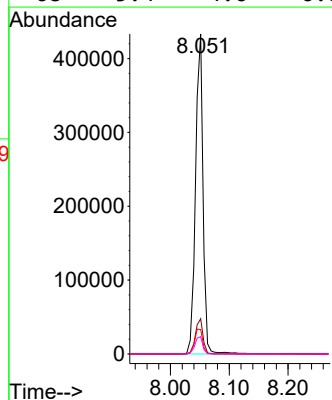
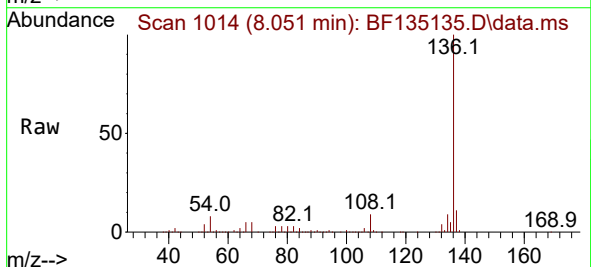
SB-5

Tgt Ion: 99 Resp: 762516
Ion Ratio Lower Upper
99 100
42 21.8 16.6 25.0
71 36.3 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135135.D
Acq: 07 Sep 2023 15:35

Tgt Ion:136 Resp: 384339
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.7 7.0 10.4
68 5.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 69.272 ng

RT: 7.334 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135135.D

Acq: 07 Sep 2023 15:35

Instrument :

BNA_F

ClientSampleId :

SB-5

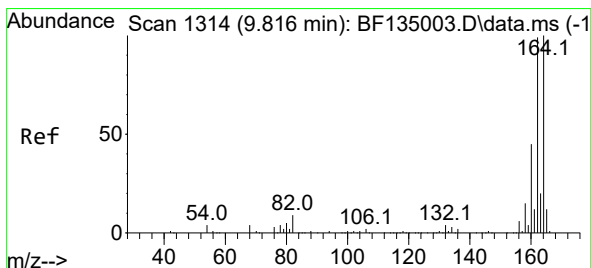
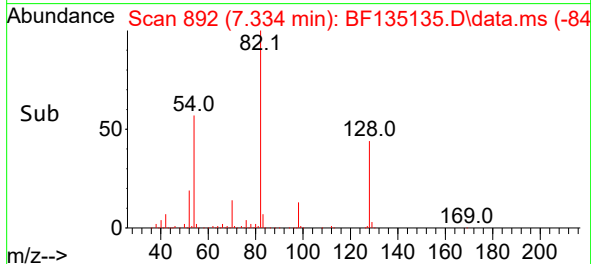
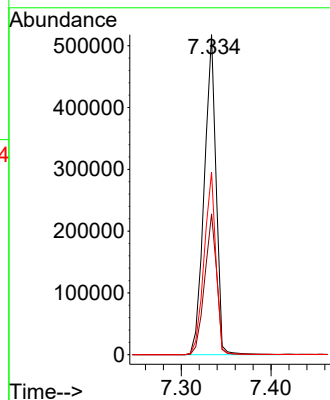
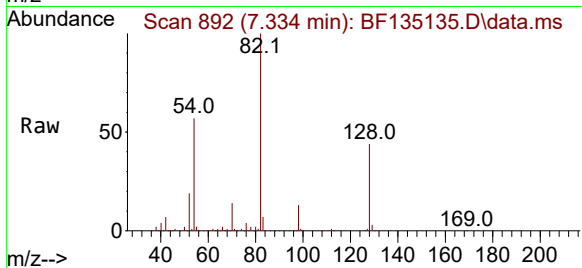
Tgt Ion: 82 Resp: 473897

Ion Ratio Lower Upper

82 100

128 44.0 37.8 56.8

54 57.0 45.0 67.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF135135.D

Acq: 07 Sep 2023 15:35

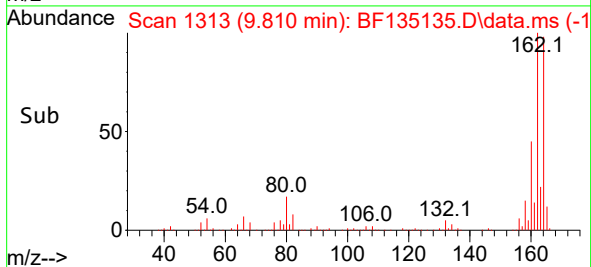
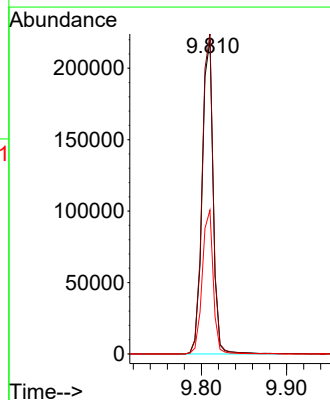
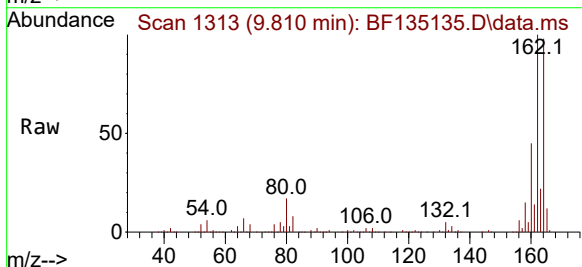
Tgt Ion: 164 Resp: 196643

Ion Ratio Lower Upper

164 100

162 101.8 79.5 119.3

160 45.8 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 101.855 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF135135.D

Acq: 07 Sep 2023 15:35

Instrument :

BNA_F

ClientSampleId :

SB-5

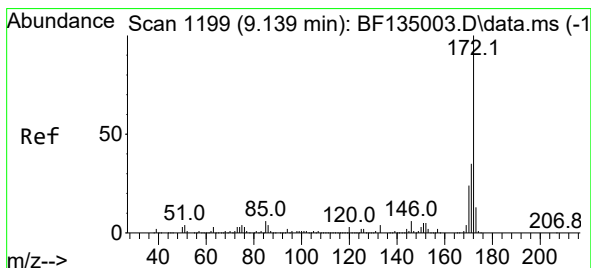
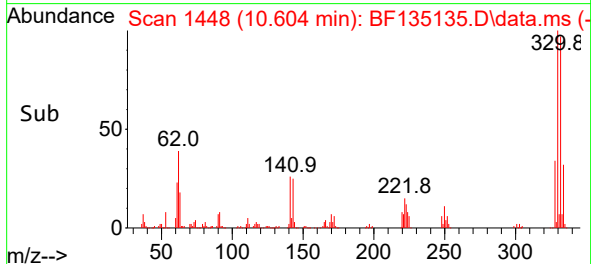
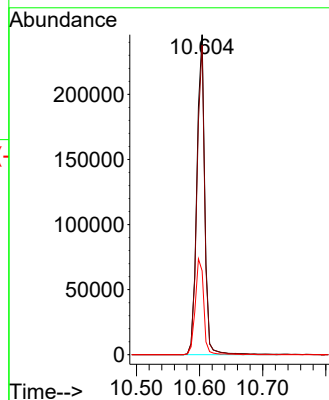
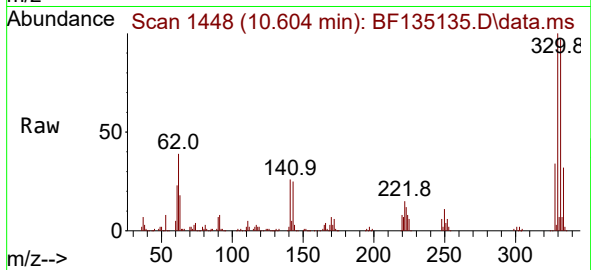
Tgt Ion:330 Resp: 212467

Ion Ratio Lower Upper

330 100

332 95.5 77.6 116.4

141 32.3 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 72.751 ng

RT: 9.128 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF135135.D

Acq: 07 Sep 2023 15:35

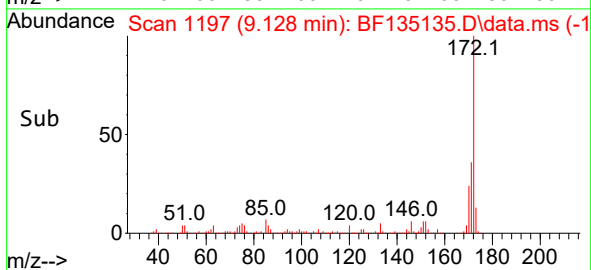
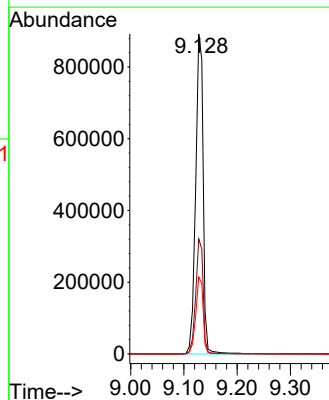
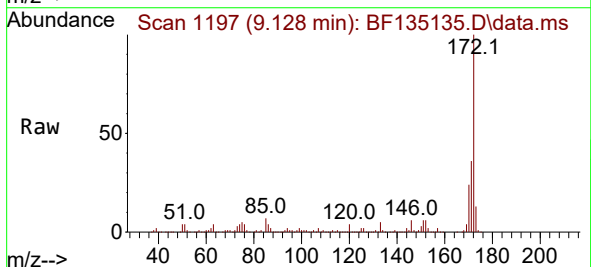
Tgt Ion:172 Resp: 878686

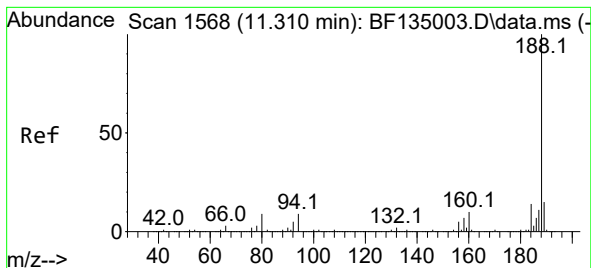
Ion Ratio Lower Upper

172 100

171 36.0 28.2 42.2

170 24.1 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135135.D

Acq: 07 Sep 2023 15:35

Instrument :

BNA_F

ClientSampleId :

SB-5

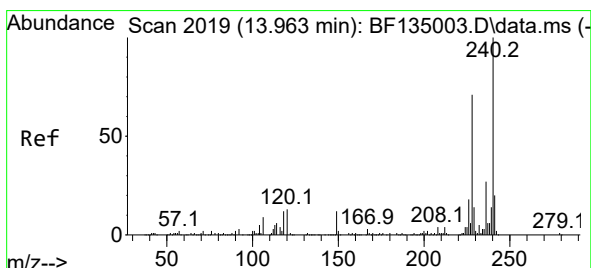
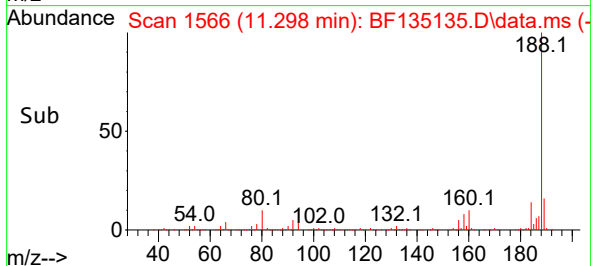
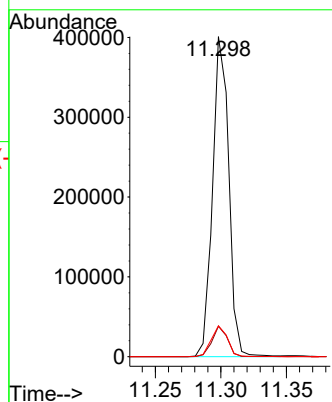
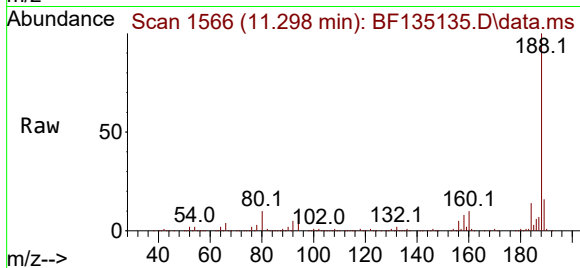
Tgt Ion:188 Resp: 344726

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.4

80 9.6 7.4 11.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF135135.D

Acq: 07 Sep 2023 15:35

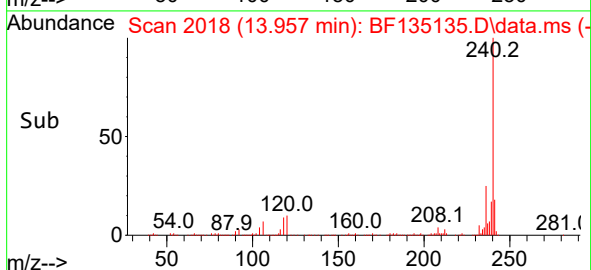
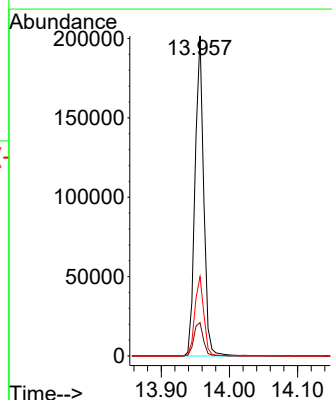
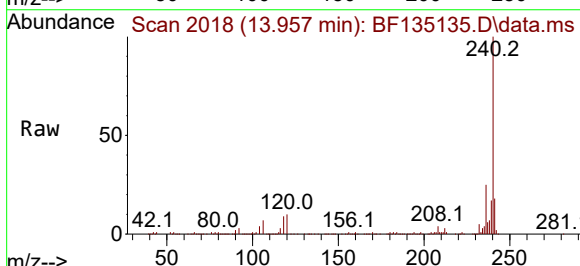
Tgt Ion:240 Resp: 177060

Ion Ratio Lower Upper

240 100

120 10.4 10.2 15.2

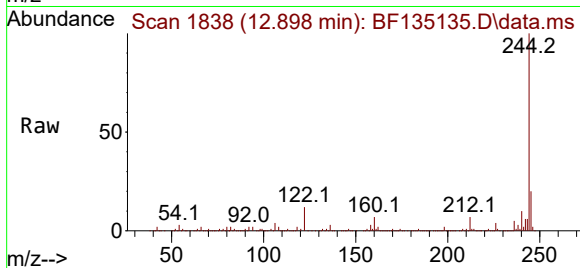
236 24.8 21.3 31.9



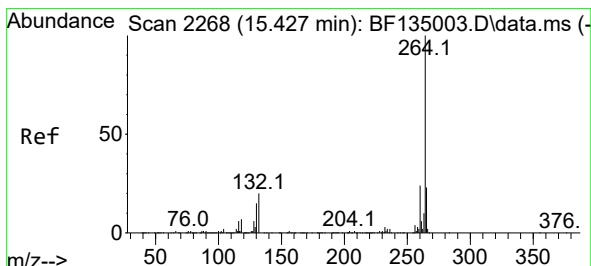
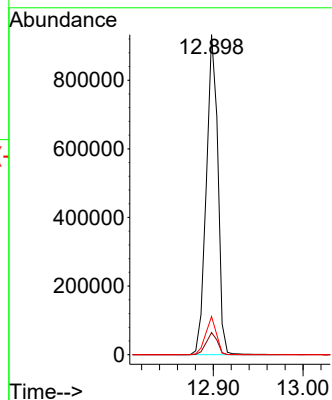
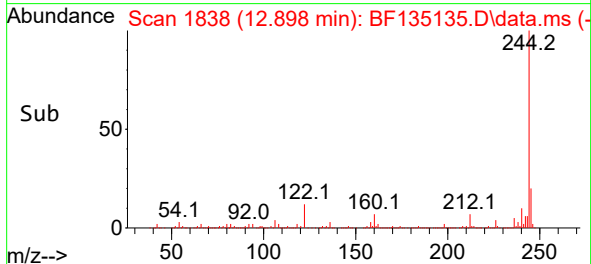


#79
 Terphenyl-d14
 Concen: 76.722 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135135.D
 Acq: 07 Sep 2023 15:35

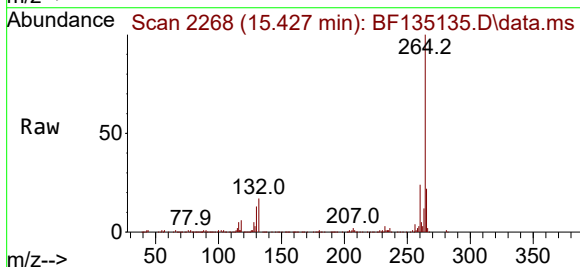
Instrument :
 BNA_F
 ClientSampleId :
 SB-5



Tgt Ion:244 Resp: 832427
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.9 9.8 14.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. 0.000 min
 Lab File: BF135135.D
 Acq: 07 Sep 2023 15:35



Tgt Ion:264 Resp: 183908
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.8 18.2 27.2

