

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135839.D
 Acq On : 18 Oct 2023 10:57
 Operator : CG\JU
 Sample : PB156392BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156392BL

Quant Time: Oct 19 01:17:45 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	6.739	152	98368	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	320161	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	169262	20.000	ng	-0.01
64) Phenanthrene-d10	11.275	188	337637	20.000	ng	0.00
76) Chrysene-d12	13.939	240	237567	20.000	ng	-0.01
86) Perylene-d12	15.421	264	204539	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	961157	157.094	ng	0.02
7) Phenol-d6	6.404	99	1177897	154.295	ng	0.00
23) Nitrobenzene-d5	7.310	82	752120	129.204	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	288849	177.840	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1169536	108.033	ng	0.00
79) Terphenyl-d14	12.880	244	1372759	107.011	ng	0.00

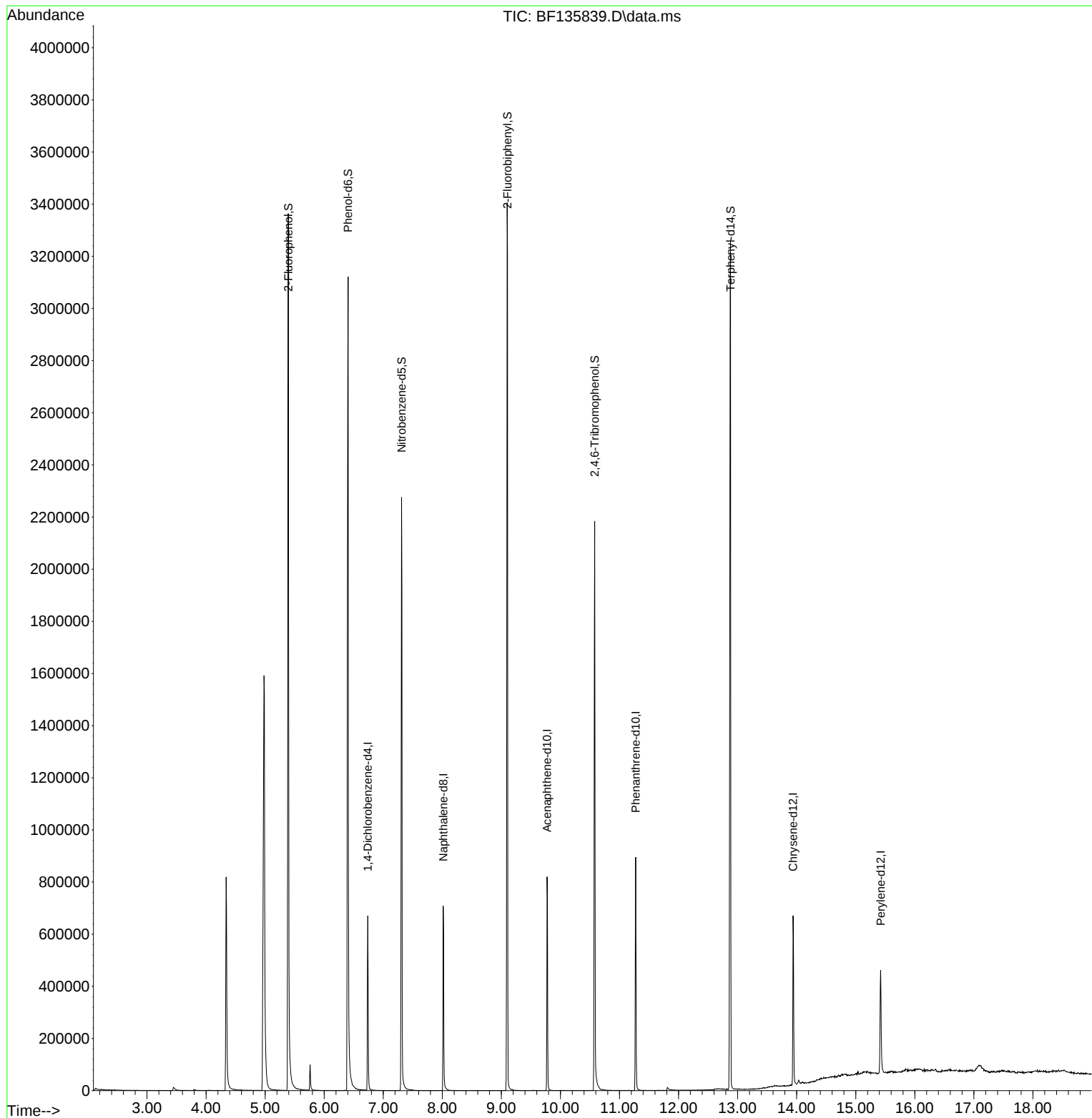
Target Compounds	Qvalue

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

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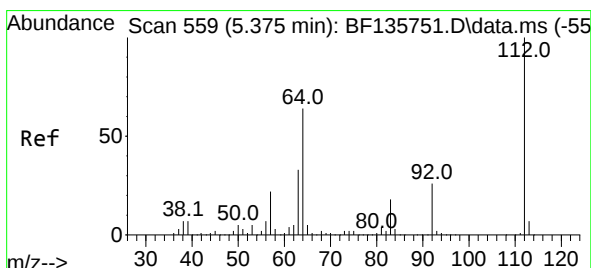
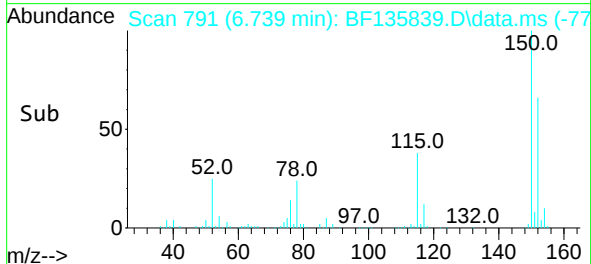
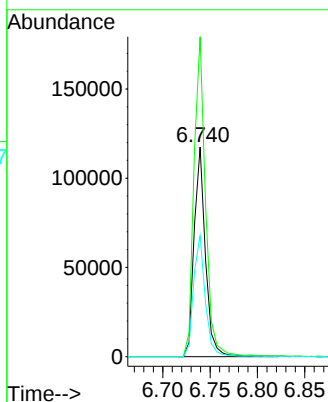
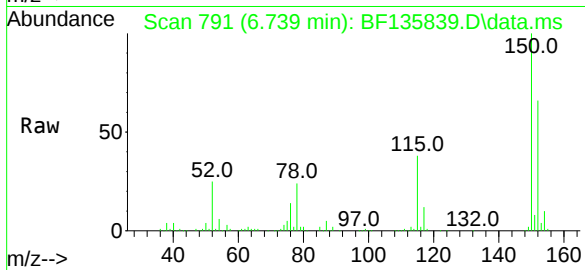




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 791
 Delta R.T. -0.007 min
 Lab File: BF135839.D
 Acq: 18 Oct 2023 10:57

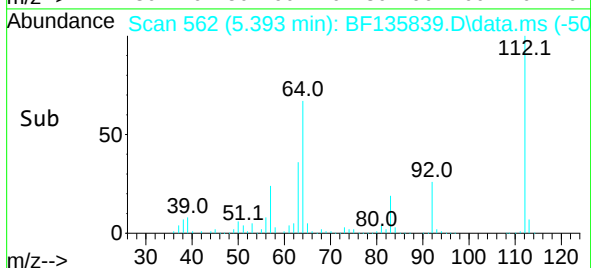
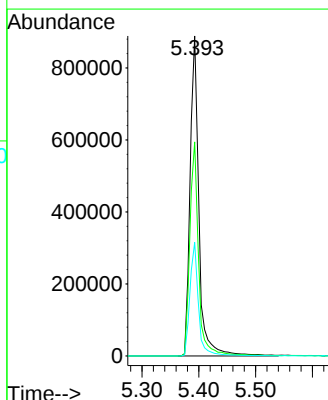
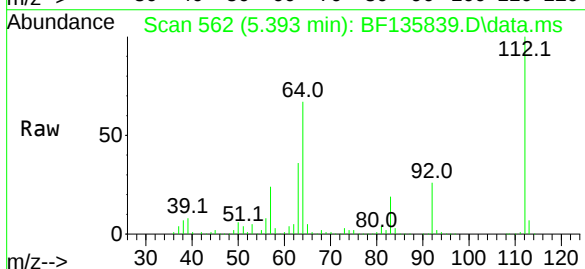
Instrument :
 BNA_F
 ClientSampleId :
 PB156392BL

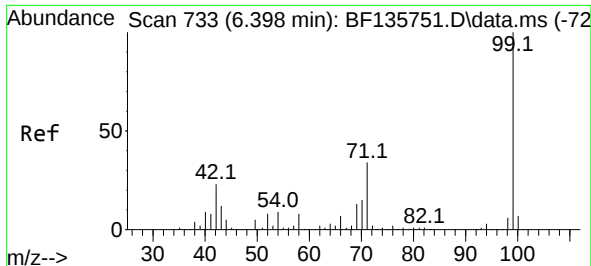
Tgt Ion:152 Resp: 98368
 Ion Ratio Lower Upper
 152 100
 150 152.7 124.5 186.7
 115 57.7 49.0 73.4



#5
 2-Fluorophenol
 Concen: 157.094 ng
 RT: 5.393 min Scan# 562
 Delta R.T. 0.018 min
 Lab File: BF135839.D
 Acq: 18 Oct 2023 10:57

Tgt Ion:112 Resp: 961157
 Ion Ratio Lower Upper
 112 100
 64 66.9 51.2 76.8
 63 35.5 26.1 39.1



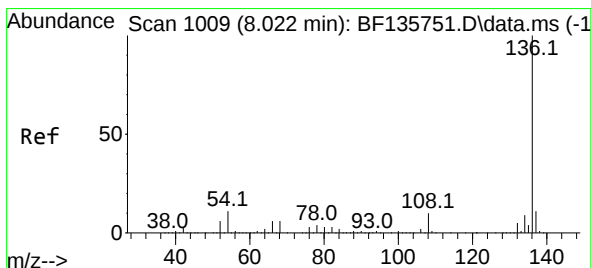
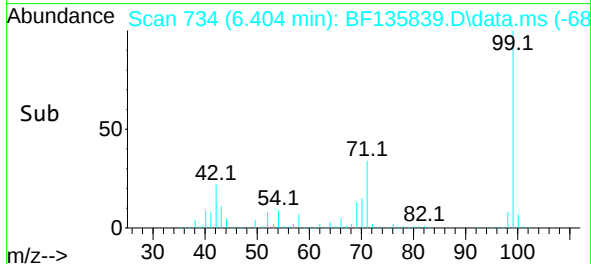
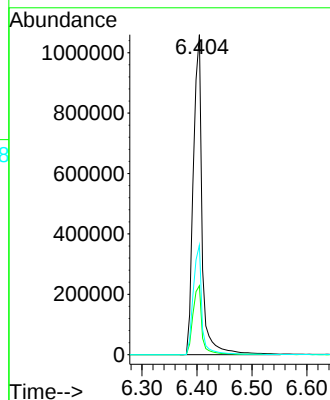
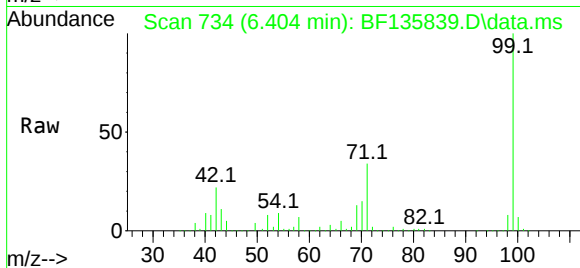


#7
Phenol-d6
Concen: 154.295 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135839.D
Acq: 18 Oct 2023 10:57

Instrument :
BNA_F
ClientSampleId :
PB156392BL

Tgt Ion: 99 Resp: 1177897

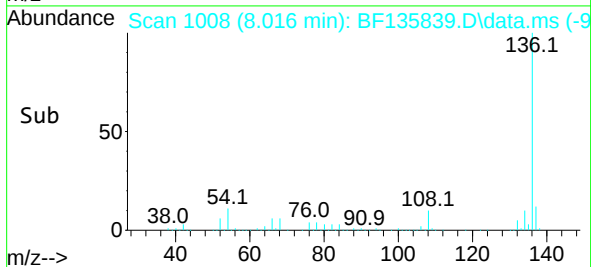
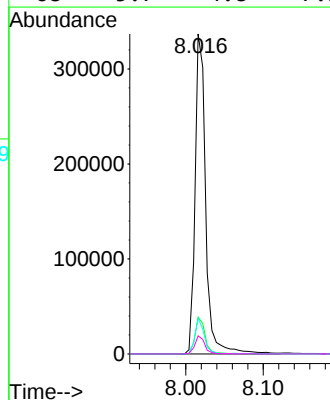
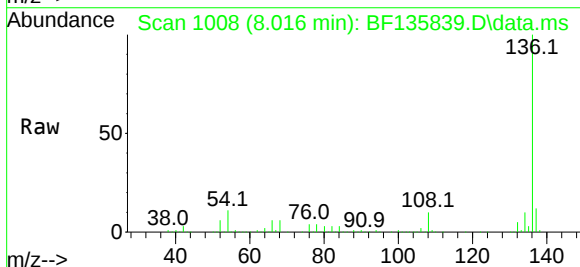
Ion	Ratio	Lower	Upper
99	100		
42	21.6	18.4	27.6
71	34.2	27.2	40.8

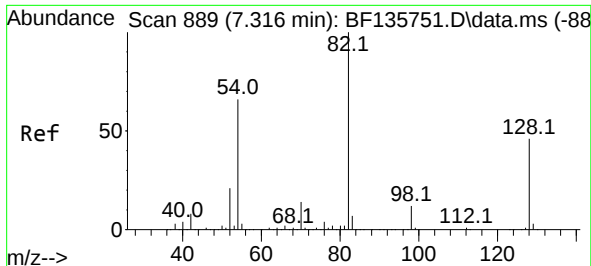


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135839.D
Acq: 18 Oct 2023 10:57

Tgt Ion: 136 Resp: 320161

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	12.8
54	11.2	8.5	12.7
68	5.7	4.8	7.2

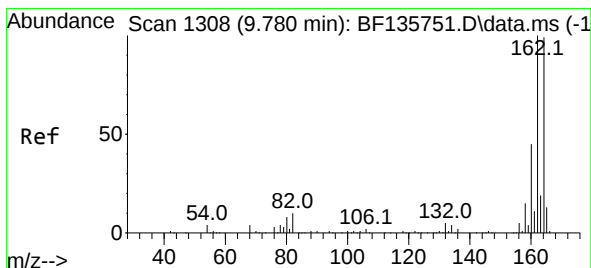
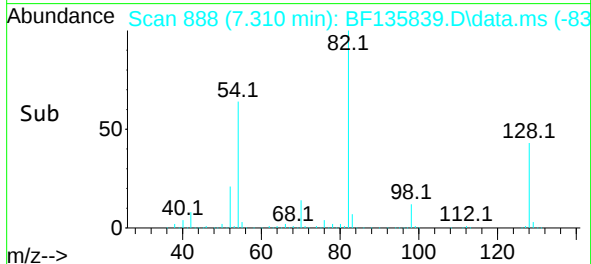
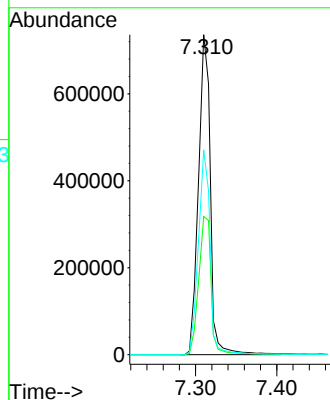
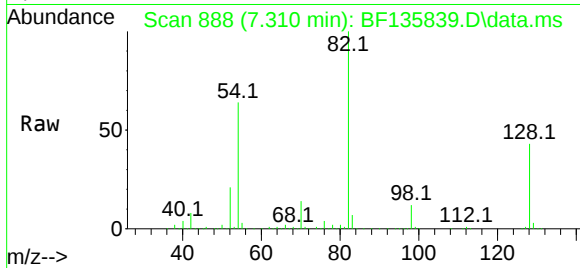




#23
Nitrobenzene-d5
Concen: 129.204 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135839.D
Acq: 18 Oct 2023 10:57

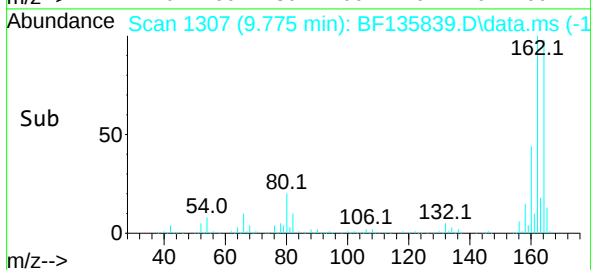
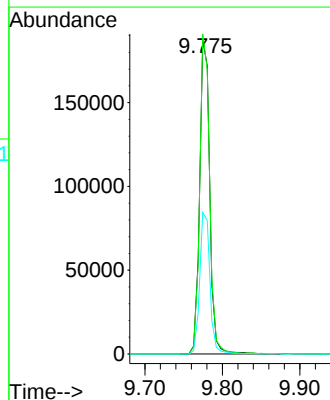
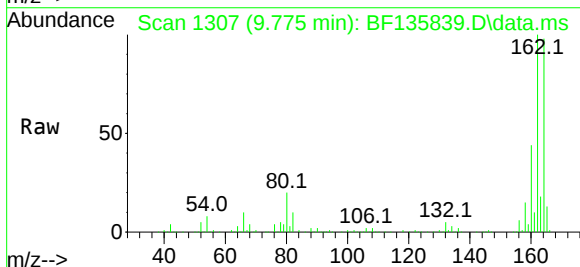
Instrument :
BNA_F
ClientSampleId :
PB156392BL

Tgt Ion: 82 Resp: 752120
Ion Ratio Lower Upper
82 100
128 43.2 37.0 55.6
54 64.0 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: BF135839.D
Acq: 18 Oct 2023 10:57

Tgt Ion:164 Resp: 169262
Ion Ratio Lower Upper
164 100
162 101.8 80.8 121.2
160 45.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 177.840 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF135839.D

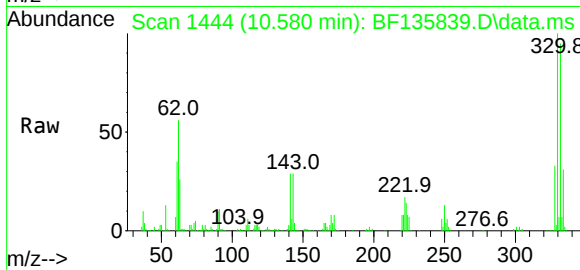
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Instrument :

BNA_F

ClientSampleId :

PB156392BL



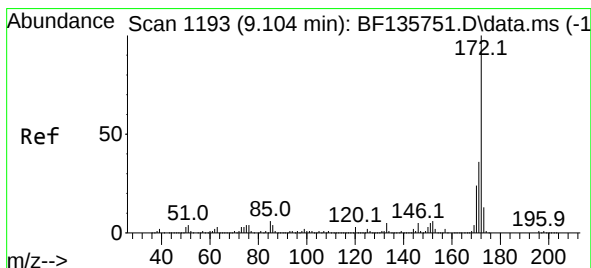
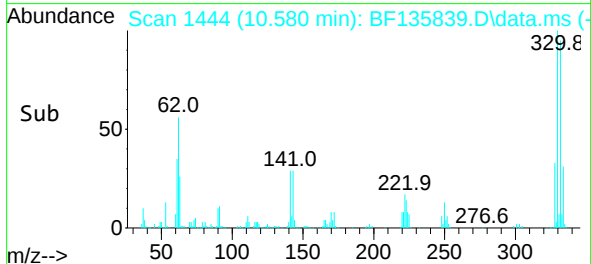
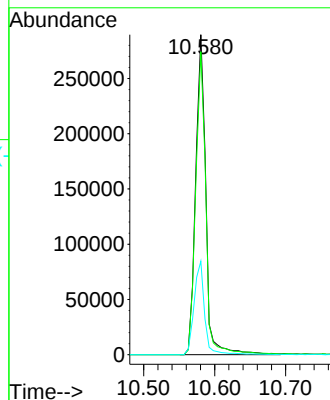
Tgt Ion:330 Resp: 288849

Ion Ratio Lower Upper

330 100

332 94.7 75.0 112.4

141 30.4 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 108.033 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF135839.D

Acq: 18 Oct 2023 10:57

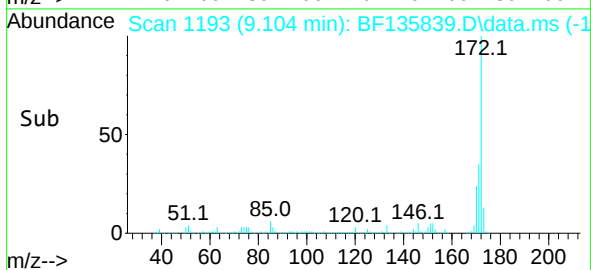
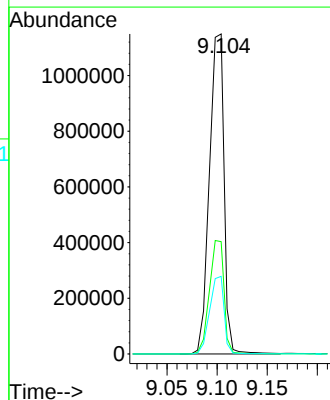
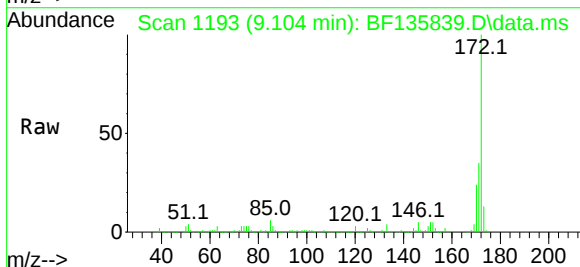
Tgt Ion:172 Resp: 1169536

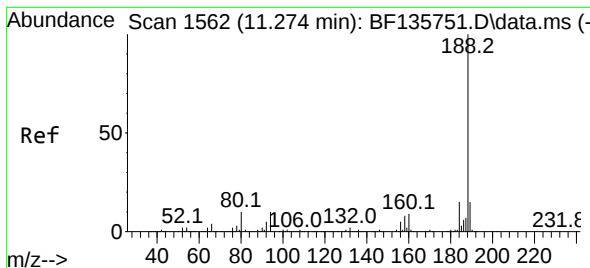
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 24.3 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.275 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135839.D

Acq: 18 Oct 2023 10:57

Instrument :

BNA_F

ClientSampleId :

PB156392BL

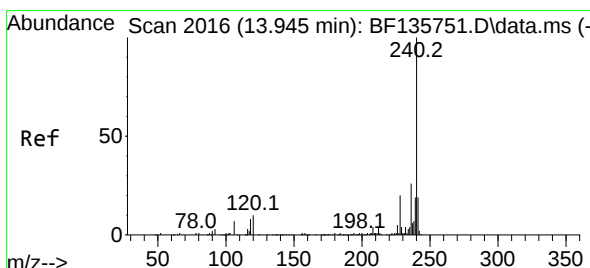
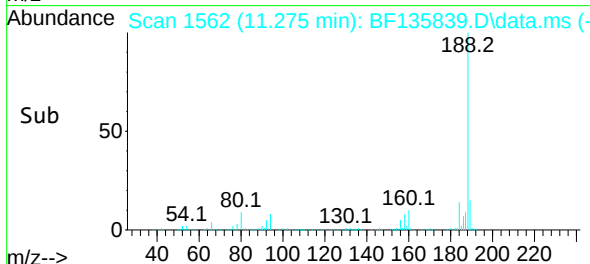
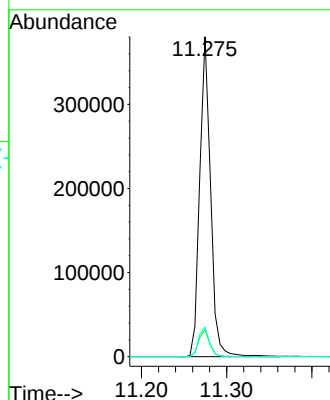
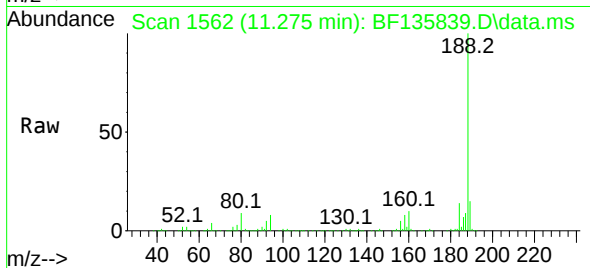
Tgt Ion:188 Resp: 337637

Ion Ratio Lower Upper

188 100

94 8.4 8.0 12.0

80 9.3 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: BF135839.D

Acq: 18 Oct 2023 10:57

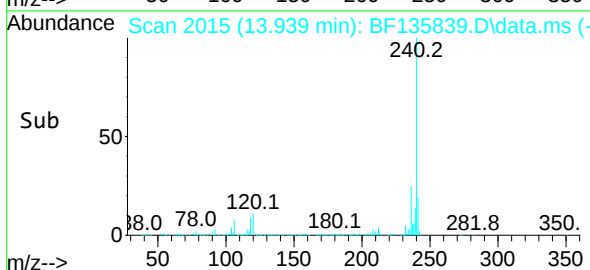
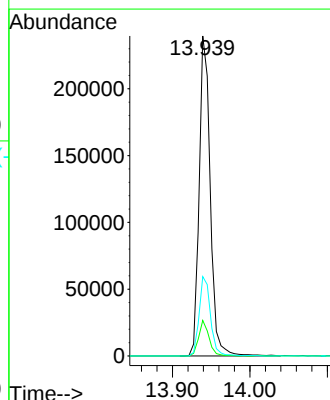
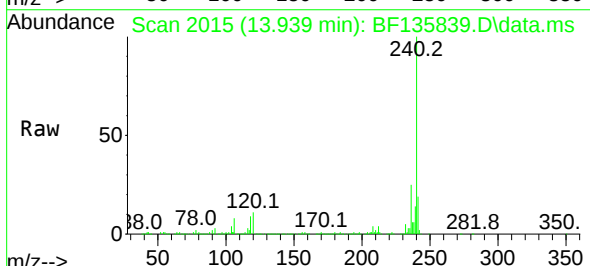
Tgt Ion:240 Resp: 237567

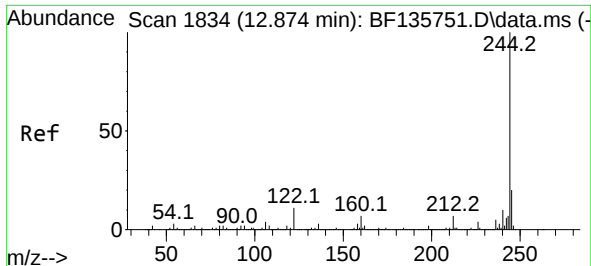
Ion Ratio Lower Upper

240 100

120 11.1 8.2 12.2

236 24.8 21.2 31.8

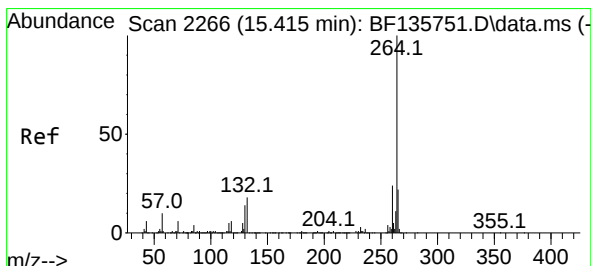
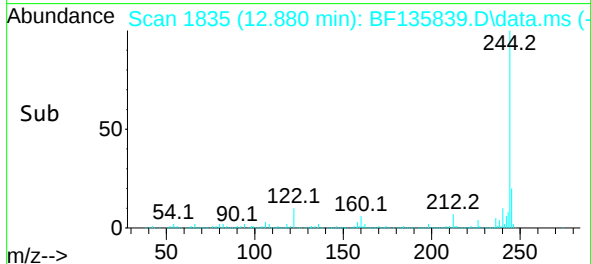
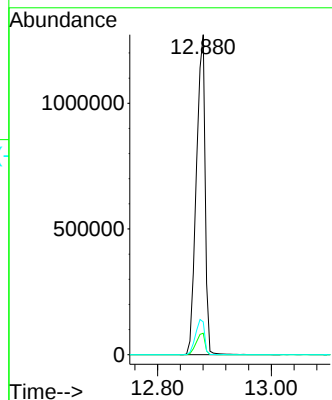
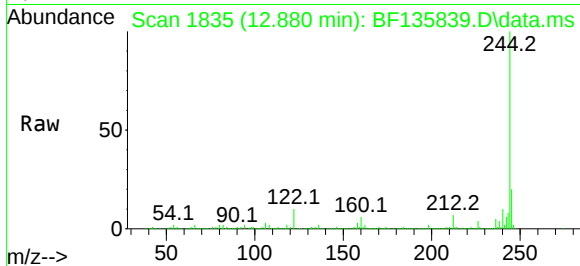




#79
 Terphenyl-d14
 Concen: 107.011 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.000 min
 Lab File: BF135839.D
 Acq: 18 Oct 2023 10:57

Instrument :
 BNA_F
 ClientSampleId :
 PB156392BL

Tgt Ion:244 Resp: 1372759
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.3 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.000 min
 Lab File: BF135839.D
 Acq: 18 Oct 2023 10:57

Tgt Ion:264 Resp: 204539
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.1 17.4 26.2

