

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135857.D
 Acq On : 18 Oct 2023 20:23
 Operator : CG\JU
 Sample : PB156138BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156138BL

Quant Time: Oct 19 02:08:17 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	70459	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	272189	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	139425	20.000	ng	-0.01
64) Phenanthrene-d10	11.274	188	277049	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	161457	20.000	ng	-0.01
86) Perylene-d12	15.415	264	146129	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	630863	143.952	ng	0.00
7) Phenol-d6	6.398	99	776262	141.962	ng	0.00
23) Nitrobenzene-d5	7.310	82	481543	97.302	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	203839	152.358	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	880099	98.694	ng	0.00
79) Terphenyl-d14	12.868	244	978213	112.201	ng	-0.01

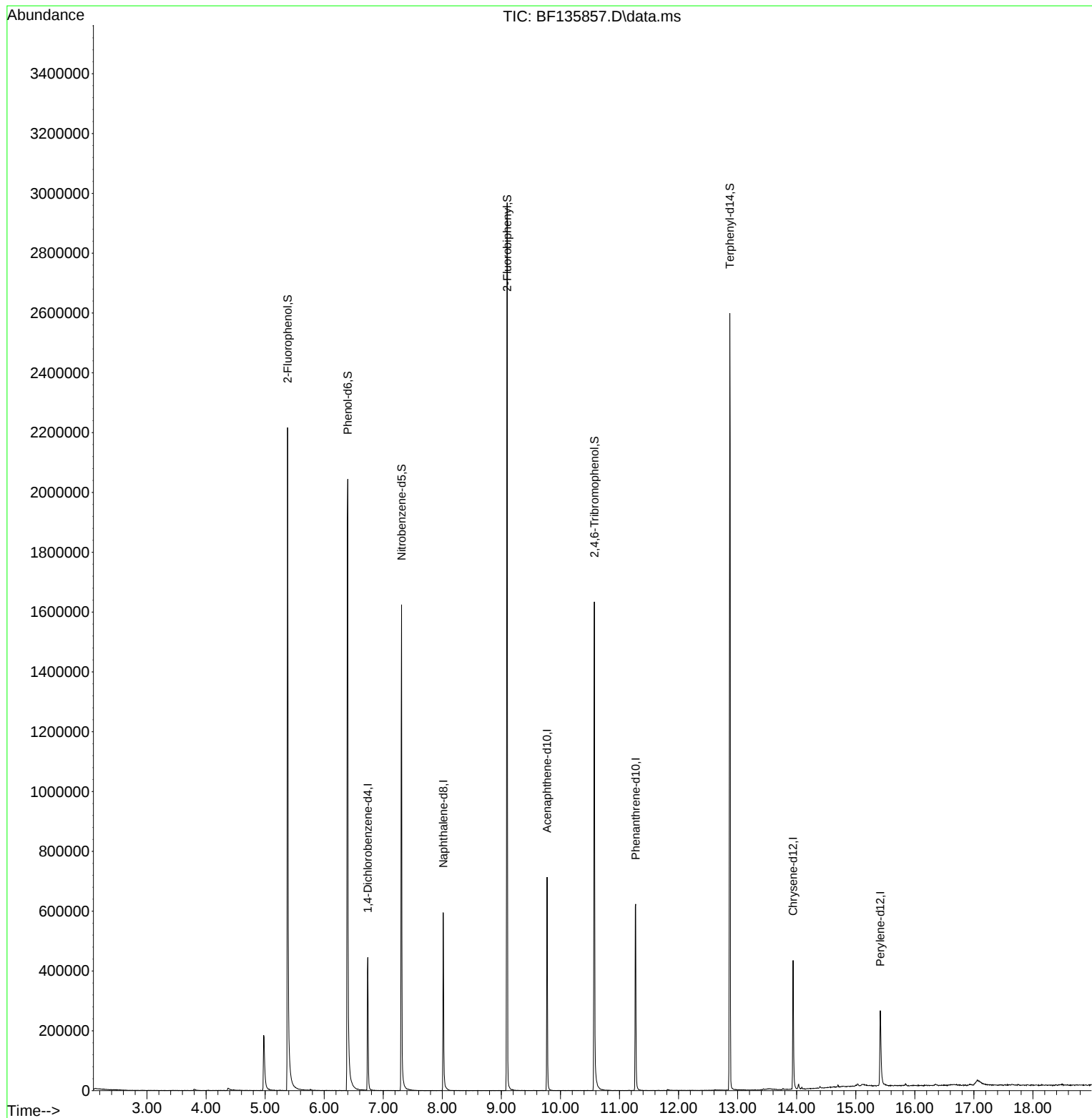
Target Compounds	Qvalue

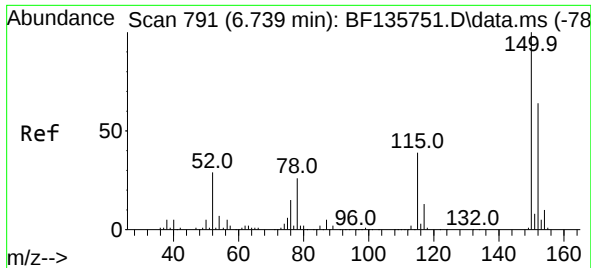
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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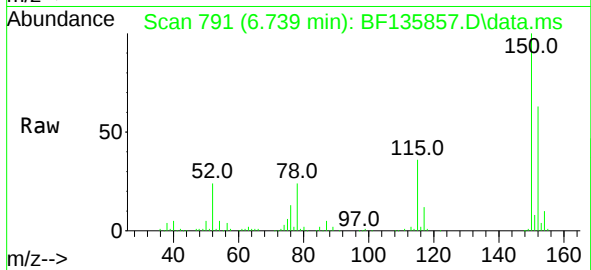
Quant Time: Oct 19 02:08:17 2023
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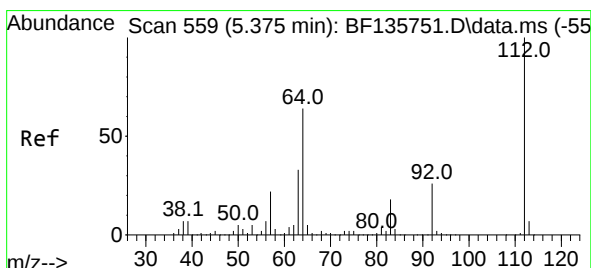
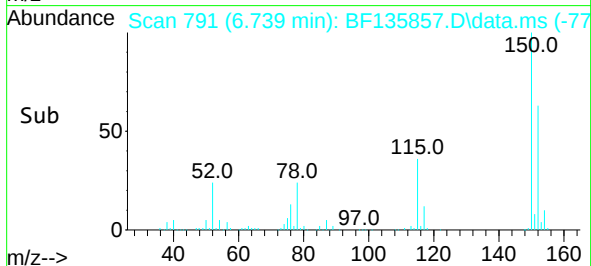
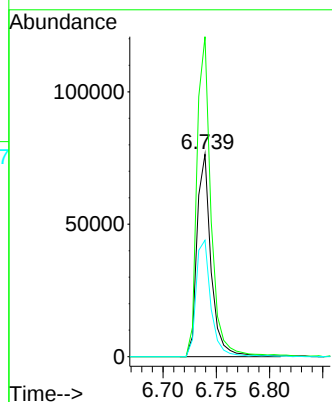


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.007 min
Lab File: BF135857.D
Acq: 18 Oct 2023 20:23

Instrument :
BNA_F
ClientSampleId :
PB156138BL

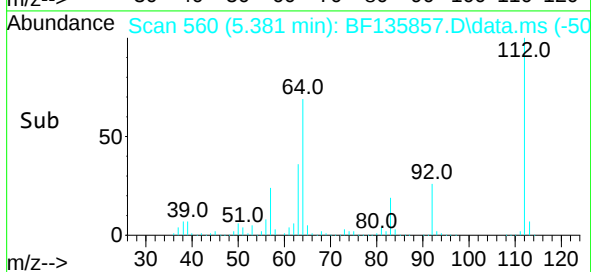
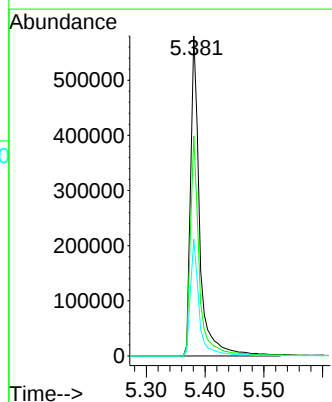
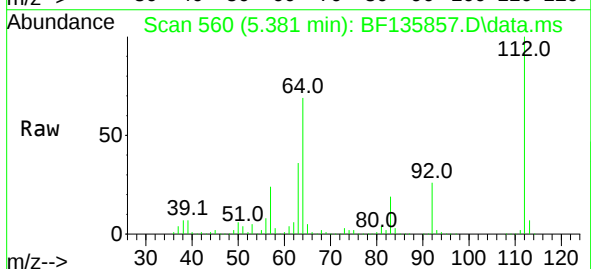


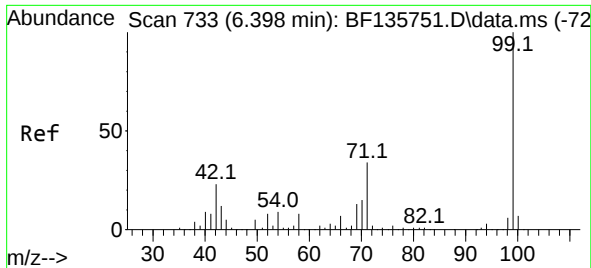
Tgt Ion:152 Resp: 70459
Ion Ratio Lower Upper
152 100
150 158.1 124.5 186.7
115 57.6 49.0 73.4



#5
2-Fluorophenol
Concen: 143.952 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.006 min
Lab File: BF135857.D
Acq: 18 Oct 2023 20:23

Tgt Ion:112 Resp: 630863
Ion Ratio Lower Upper
112 100
64 68.7 51.2 76.8
63 36.5 26.1 39.1

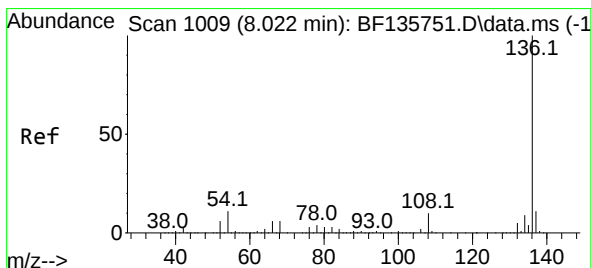
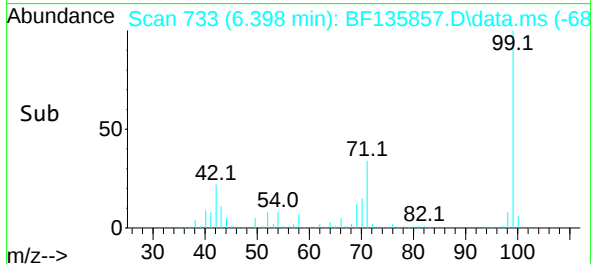
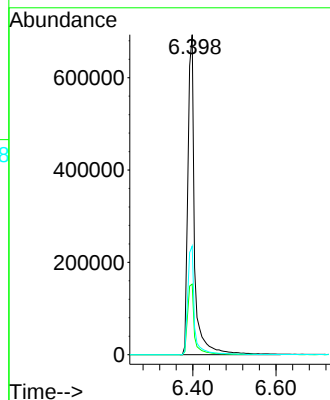
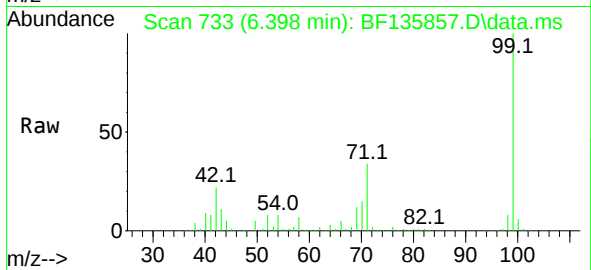




#7
Phenol-d6
Concen: 141.962 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135857.D
Acq: 18 Oct 2023 20:23

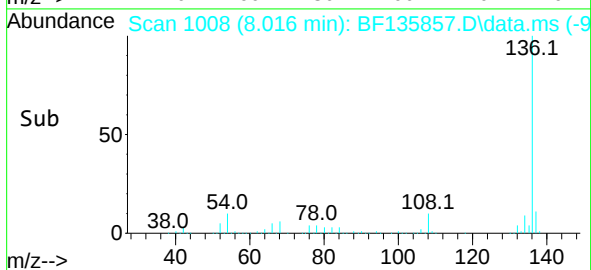
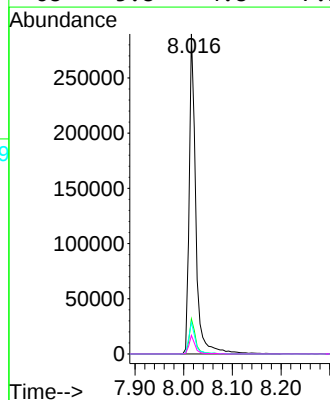
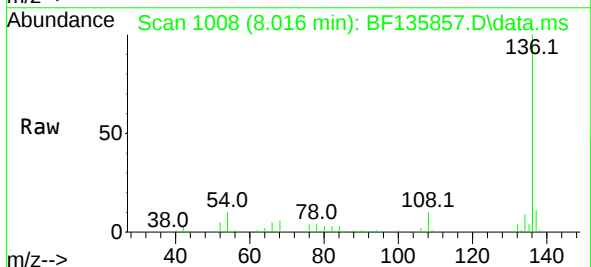
Instrument :
BNA_F
ClientSampleId :
PB156138BL

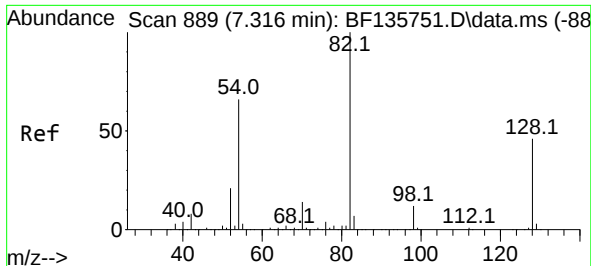
Tgt Ion: 99 Resp: 776262
Ion Ratio Lower Upper
99 100
42 22.0 18.4 27.6
71 34.0 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135857.D
Acq: 18 Oct 2023 20:23

Tgt Ion: 136 Resp: 272189
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.8 8.5 12.7
68 5.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 97.302 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135857.D

Acq: 18 Oct 2023 20:23

Instrument :

BNA_F

ClientSampleId :

PB156138BL

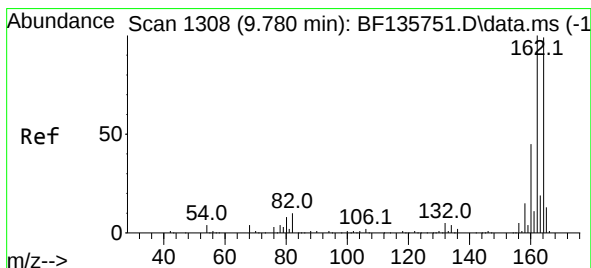
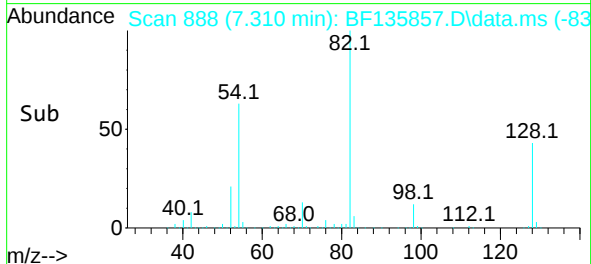
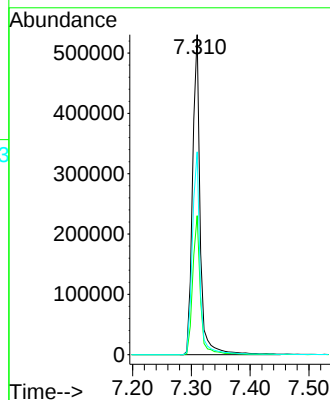
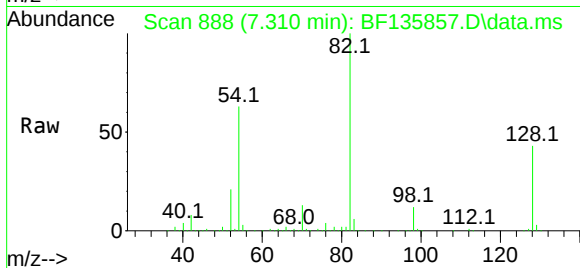
Tgt Ion: 82 Resp: 481543

Ion Ratio Lower Upper

82 100

128 43.4 37.0 55.6

54 63.4 52.8 79.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.774 min Scan# 1307

Delta R.T. -0.012 min

Lab File: BF135857.D

Acq: 18 Oct 2023 20:23

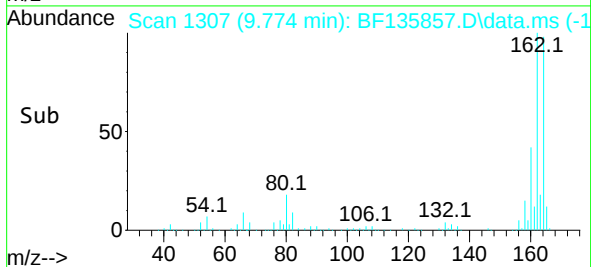
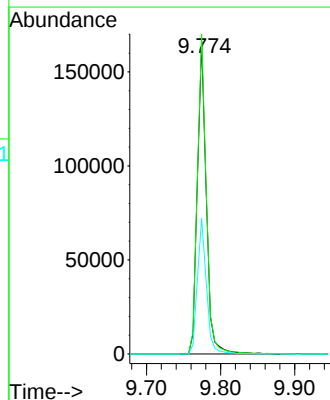
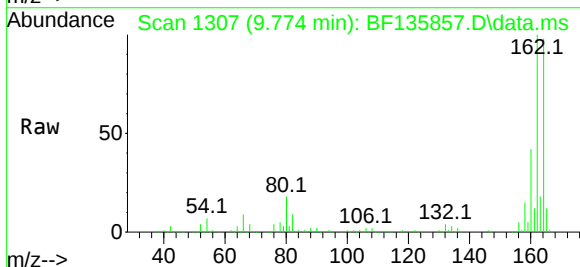
Tgt Ion:164 Resp: 139425

Ion Ratio Lower Upper

164 100

162 102.5 80.8 121.2

160 43.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 152.358 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.012 min

Lab File: BF135857.D

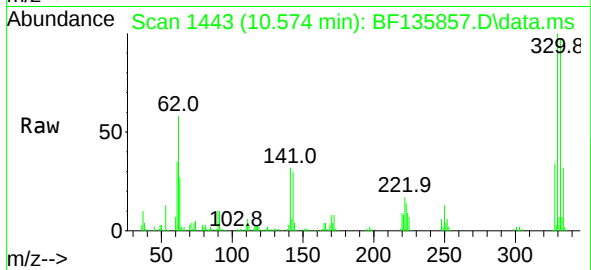
Acq: 18 Oct 2023 20:23

Instrument :

BNA_F

ClientSampleId :

PB156138BL



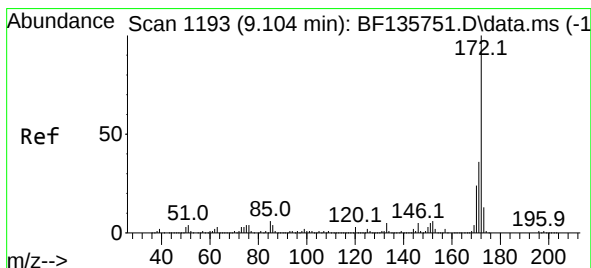
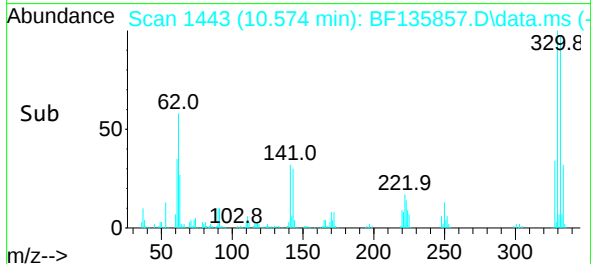
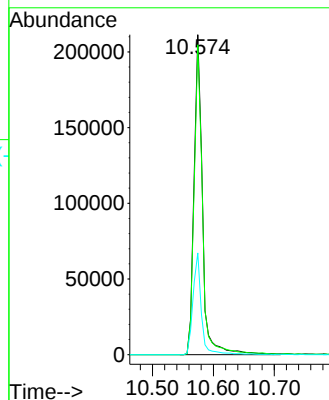
Tgt Ion:330 Resp: 203839

Ion Ratio Lower Upper

330 100

332 96.6 75.0 112.4

141 31.6 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 98.694 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135857.D

Acq: 18 Oct 2023 20:23

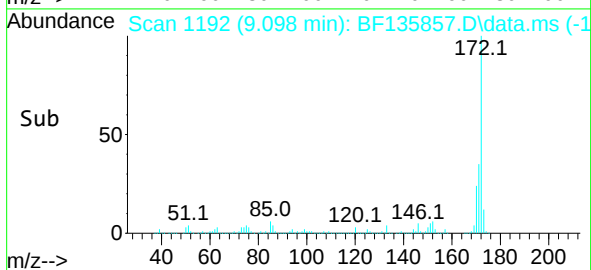
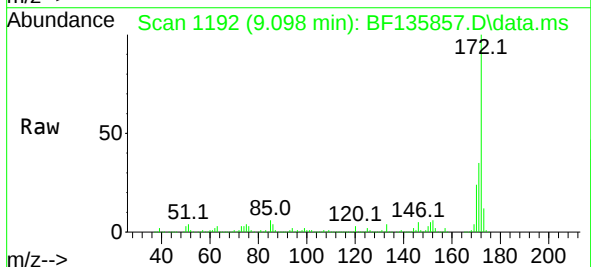
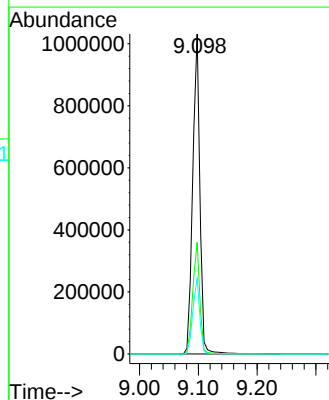
Tgt Ion:172 Resp: 880099

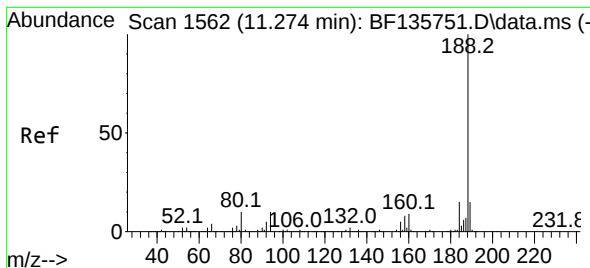
Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.6 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.274 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135857.D

Acq: 18 Oct 2023 20:23

Instrument :

BNA_F

ClientSampleId :

PB156138BL

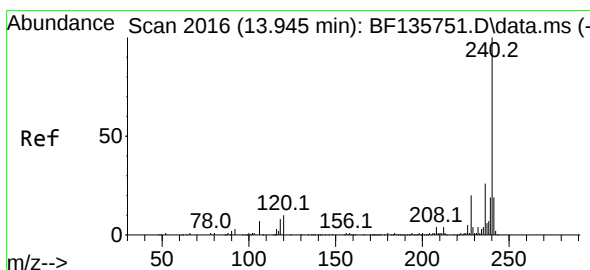
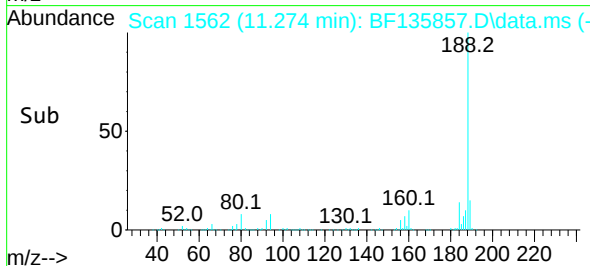
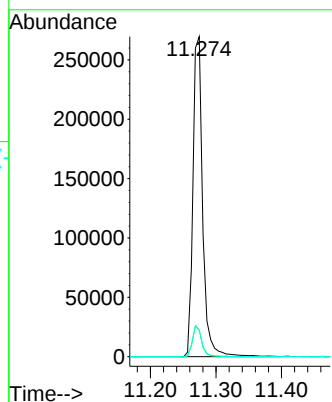
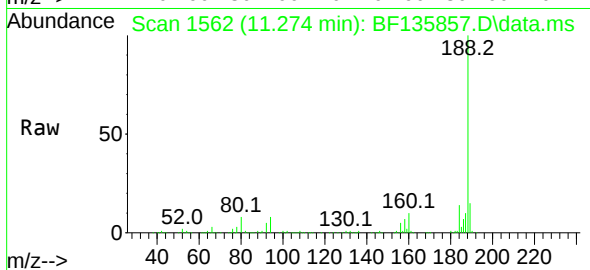
Tgt Ion:188 Resp: 277049

Ion Ratio Lower Upper

188 100

94 8.4 8.0 12.0

80 8.2 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: BF135857.D

Acq: 18 Oct 2023 20:23

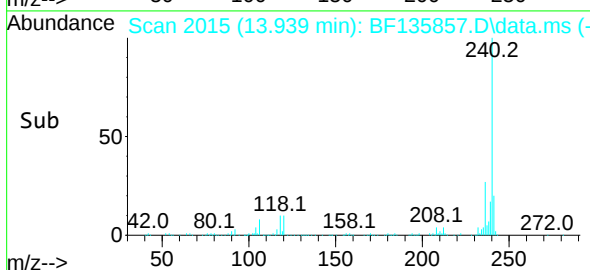
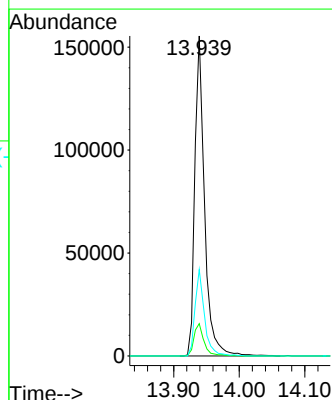
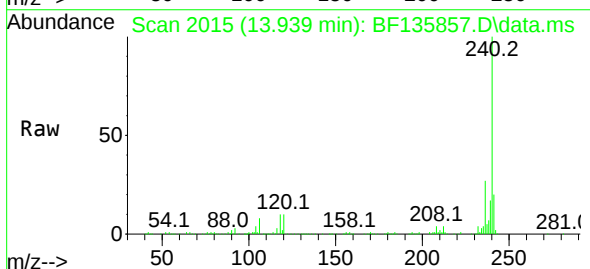
Tgt Ion:240 Resp: 161457

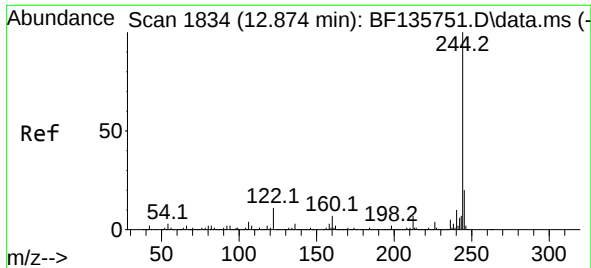
Ion Ratio Lower Upper

240 100

120 10.1 8.2 12.2

236 27.0 21.2 31.8

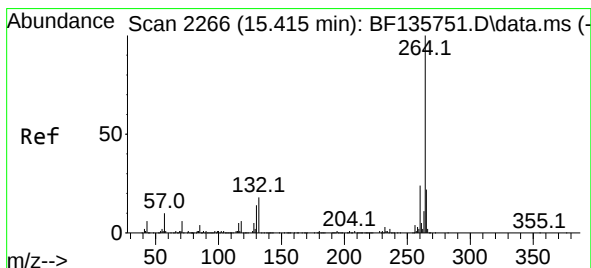
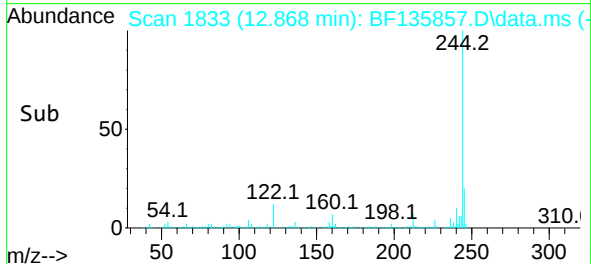
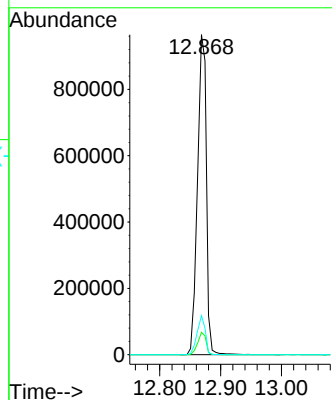
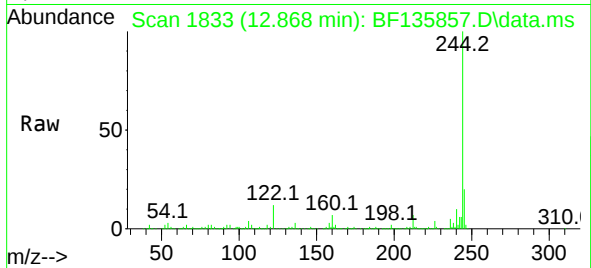




#79
 Terphenyl-d14
 Concen: 112.201 ng
 RT: 12.868 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF135857.D
 Acq: 18 Oct 2023 20:23

Instrument :
 BNA_F
 ClientSampleId :
 PB156138BL

Tgt Ion:244 Resp: 978213
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 12.2 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: BF135857.D
 Acq: 18 Oct 2023 20:23

Tgt Ion:264 Resp: 146129
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.2 28.8
 265 21.6 17.4 26.2

