

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135577.D
 Acq On : 04 Oct 2023 19:03
 Operator : CG\JU
 Sample : PB156015BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156015BL

Quant Time: Oct 04 23:26:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	144436	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	562249	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	290419	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	574797	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	339983	20.000	ng	0.00
86) Perylene-d12	15.386	264	290481	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1179458	132.815	ng	0.01
7) Phenol-d6	6.392	99	1479489	131.021	ng	0.00
23) Nitrobenzene-d5	7.304	82	949656	91.764	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	366887	127.124	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1610591	83.670	ng	0.00
79) Terphenyl-d14	12.863	244	1732687	79.004	ng	0.00

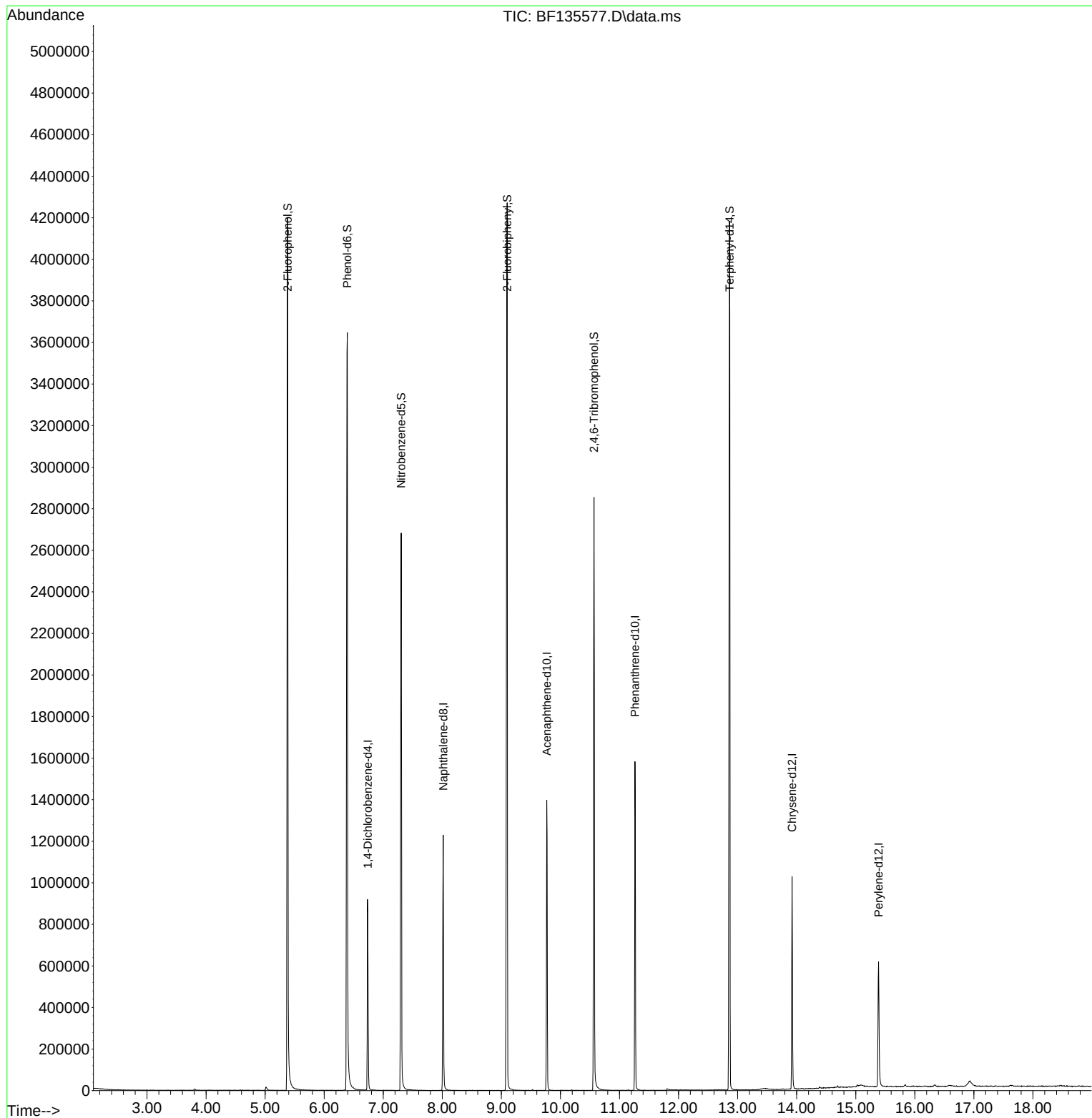
Target Compounds	Qvalue

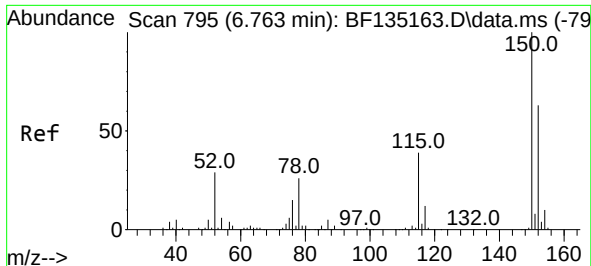
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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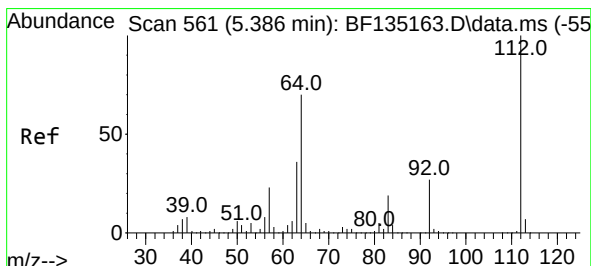
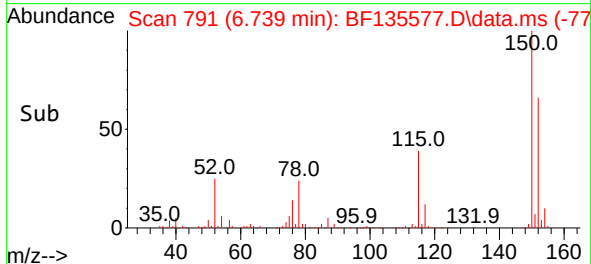
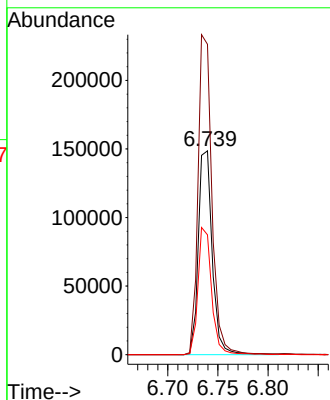
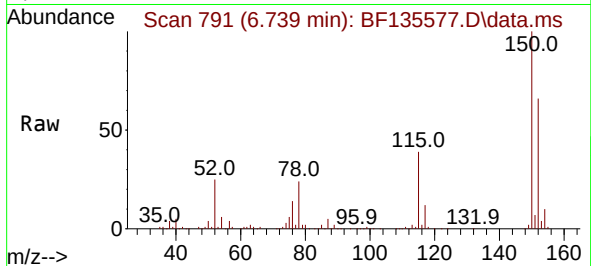




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135577.D
Acq: 04 Oct 2023 19:03

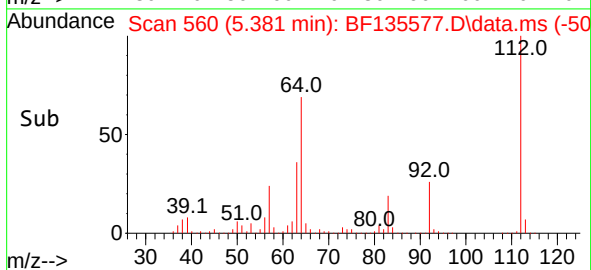
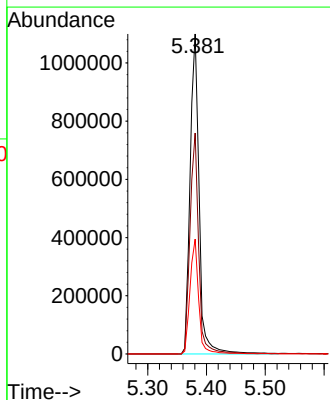
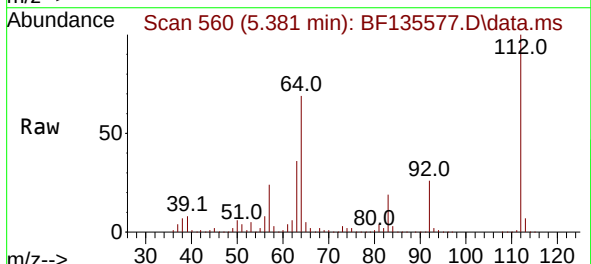
Instrument :
BNA_F
ClientSampleId :
PB156015BL

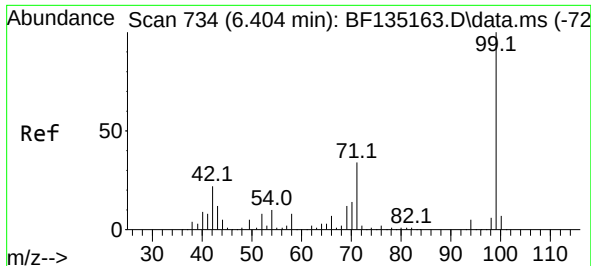
Tgt Ion:152 Resp: 144436
Ion Ratio Lower Upper
152 100
150 152.3 127.8 191.6
115 58.8 49.8 74.8



#5
2-Fluorophenol
Concen: 132.815 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135577.D
Acq: 04 Oct 2023 19:03

Tgt Ion:112 Resp: 1179458
Ion Ratio Lower Upper
112 100
64 69.0 55.9 83.9
63 35.9 29.0 43.6

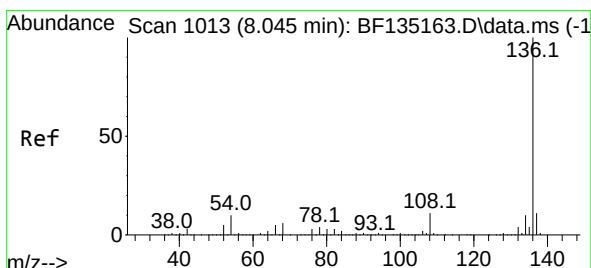
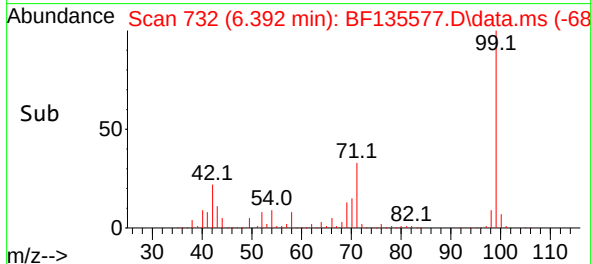
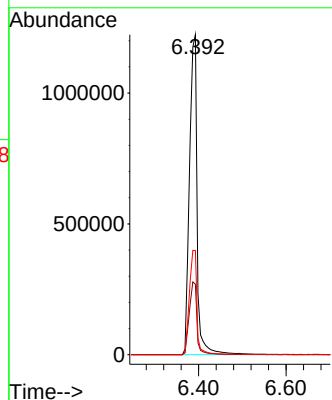
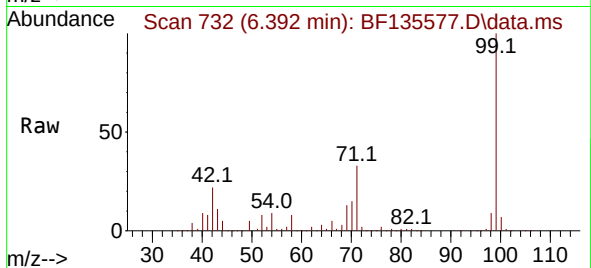




#7
Phenol-d6
Concen: 131.021 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135577.D
Acq: 04 Oct 2023 19:03

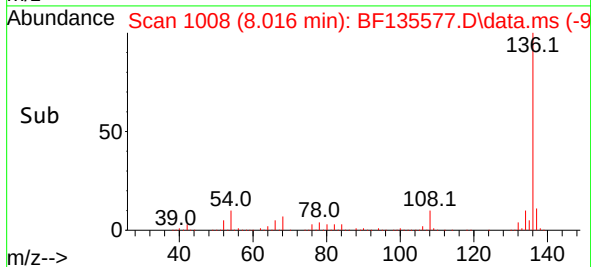
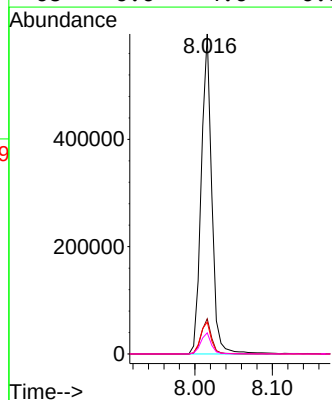
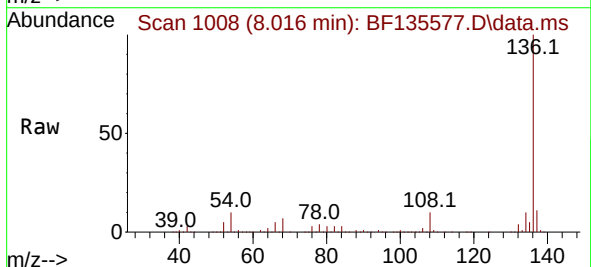
Instrument :
BNA_F
ClientSampleId :
PB156015BL

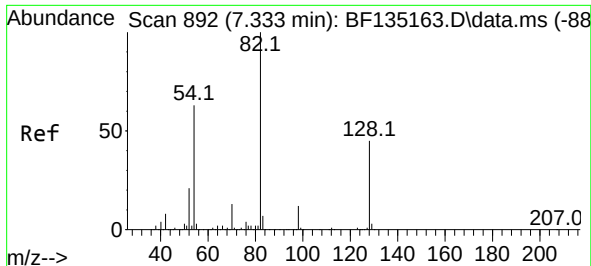
Tgt Ion: 99 Resp: 1479489
Ion Ratio Lower Upper
99 100
42 22.0 17.9 26.9
71 32.6 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF135577.D
Acq: 04 Oct 2023 19:03

Tgt Ion: 136 Resp: 562249
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.0 7.7 11.5
68 6.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 91.764 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135577.D

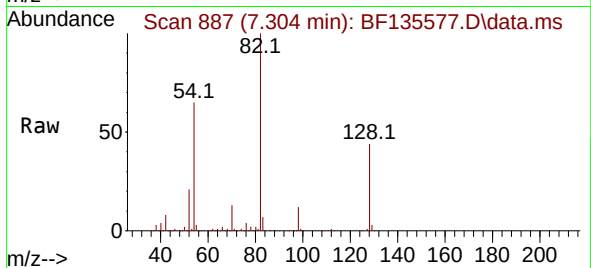
Acq: 04 Oct 2023 19:03

Instrument :

BNA_F

ClientSampleId :

PB156015BL



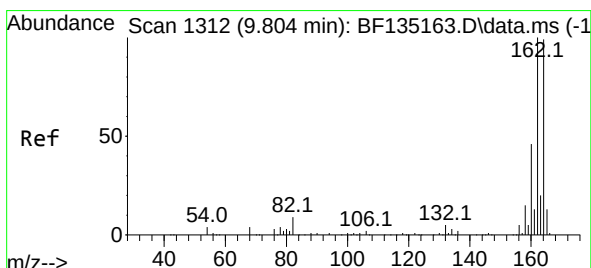
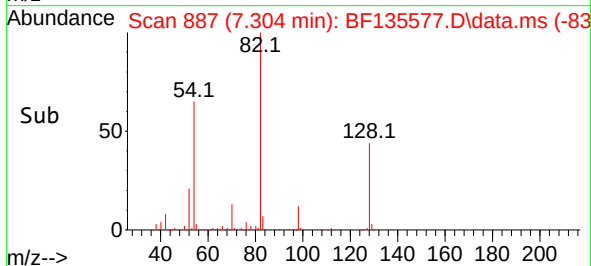
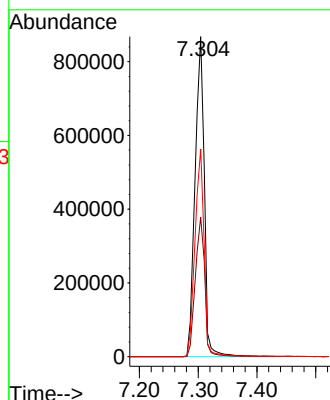
Tgt Ion: 82 Resp: 949656

Ion Ratio Lower Upper

82 100

128 43.6 35.8 53.6

54 64.9 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BF135577.D

Acq: 04 Oct 2023 19:03

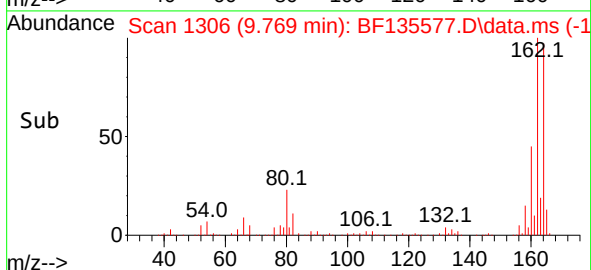
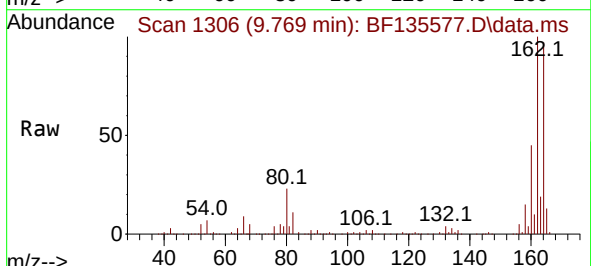
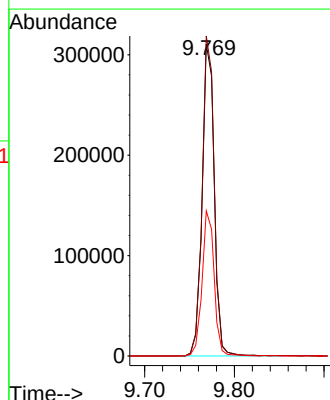
Tgt Ion:164 Resp: 290419

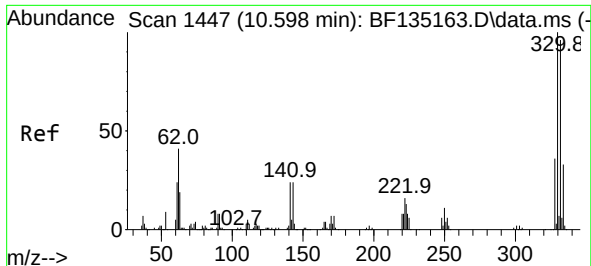
Ion Ratio Lower Upper

164 100

162 102.6 81.0 121.4

160 46.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 127.124 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF135577.D

Acq: 04 Oct 2023 19:03

Instrument :

BNA_F

ClientSampleId :

PB156015BL

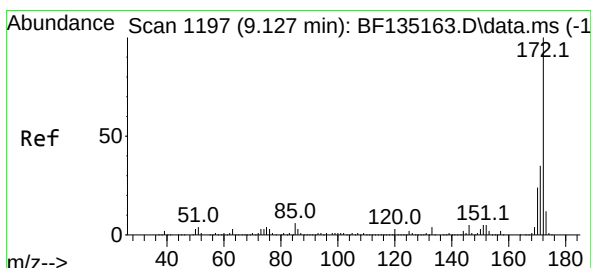
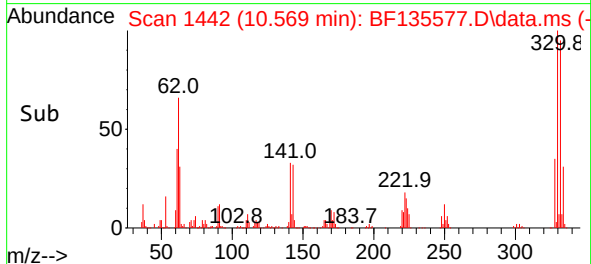
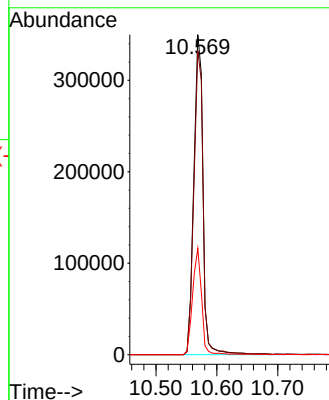
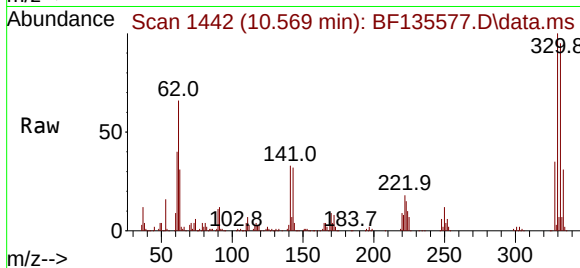
Tgt Ion:330 Resp: 366887

Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

141 32.7 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 83.670 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF135577.D

Acq: 04 Oct 2023 19:03

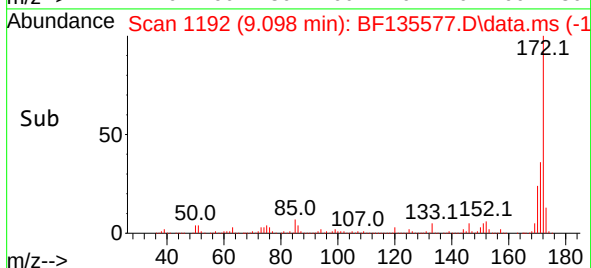
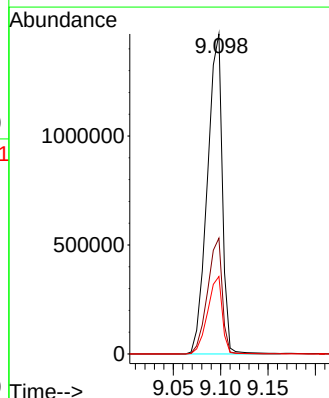
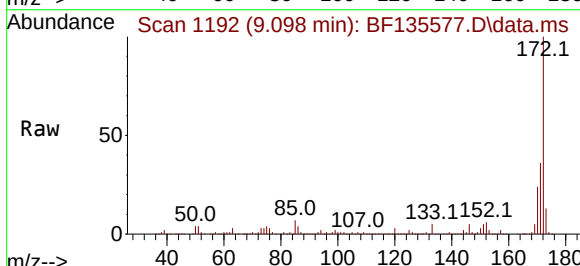
Tgt Ion:172 Resp: 1610591

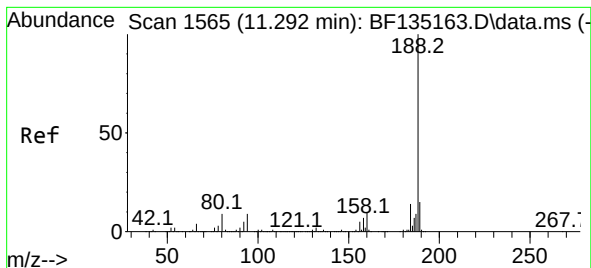
Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

170 24.2 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135577.D

Acq: 04 Oct 2023 19:03

Instrument :

BNA_F

ClientSampleId :

PB156015BL

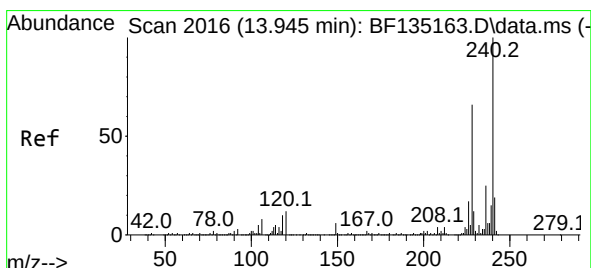
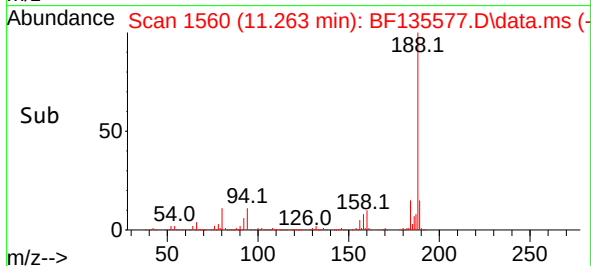
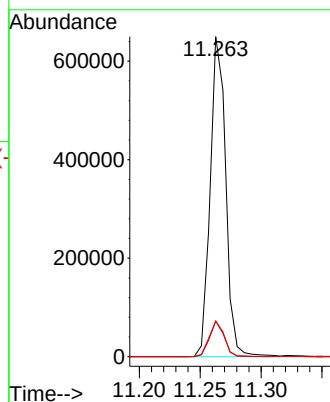
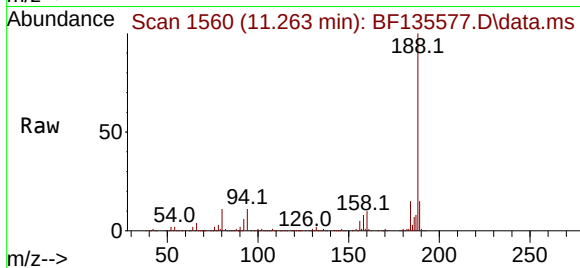
Tgt Ion:188 Resp: 574797

Ion Ratio Lower Upper

188 100

94 11.1 7.0 10.6#

80 11.2 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF135577.D

Acq: 04 Oct 2023 19:03

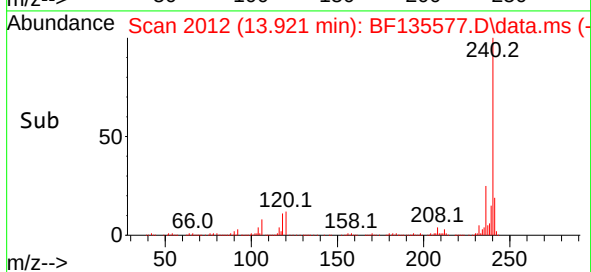
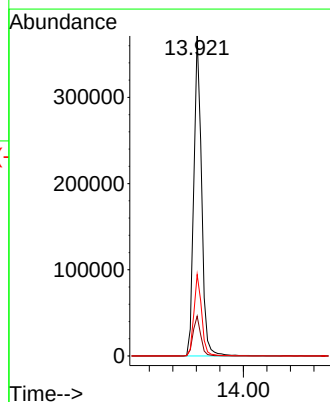
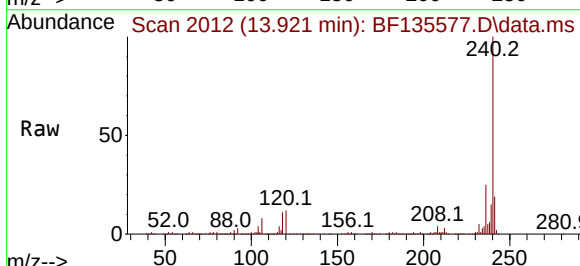
Tgt Ion:240 Resp: 339983

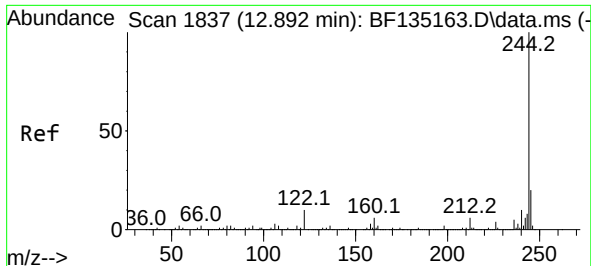
Ion Ratio Lower Upper

240 100

120 12.4 9.4 14.2

236 25.4 19.8 29.8

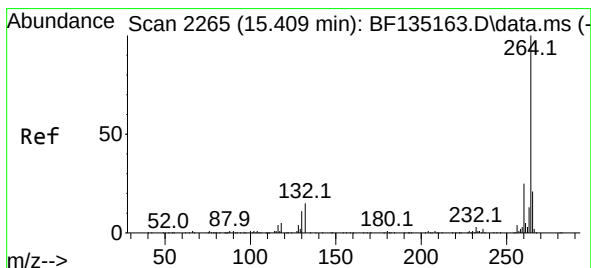
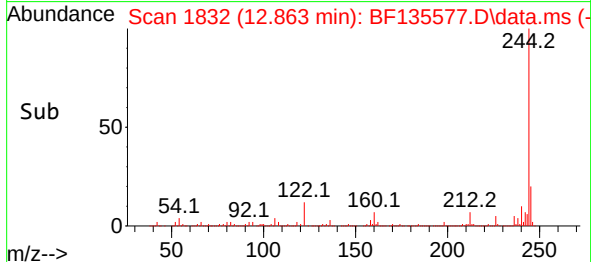
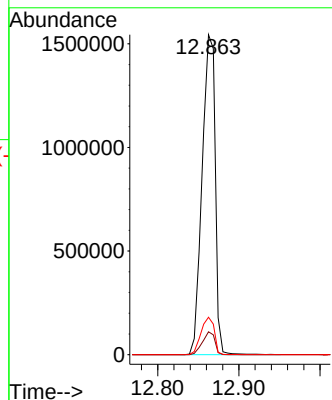
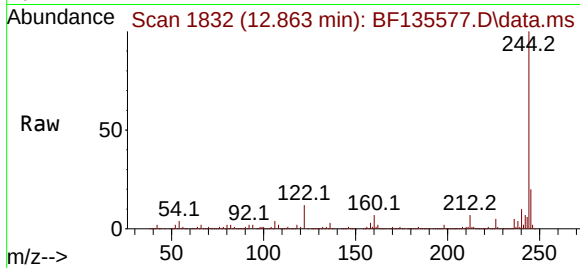




#79
 Terphenyl-d14
 Concen: 79.004 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF135577.D
 Acq: 04 Oct 2023 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB156015BL

Tgt Ion:244 Resp: 1732687
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.1 7.7
 122 11.7 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2261
 Delta R.T. 0.000 min
 Lab File: BF135577.D
 Acq: 04 Oct 2023 19:03

Tgt Ion:264 Resp: 290481
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.8 29.6
 265 22.0 17.0 25.4

