

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011323\
 Data File : BF132069.D
 Acq On : 13 Jan 2023 20:32
 Operator : CG\JU
 Sample : 01140-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-D

Quant Time: Jan 16 01:18:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 23:59:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	80762	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	299659	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	170619	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	315335	20.000	ng	0.00
76) Chrysene-d12	13.957	240	153577	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	180877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	415091	84.691	ng	0.01
7) Phenol-d6	6.422	99	543406	83.621	ng	0.00
23) Nitrobenzene-d5	7.345	82	380676	52.724	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	134633	68.629	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	577206	45.669	ng	0.00
79) Terphenyl-d14	12.904	244	536244	50.046	ng	0.00

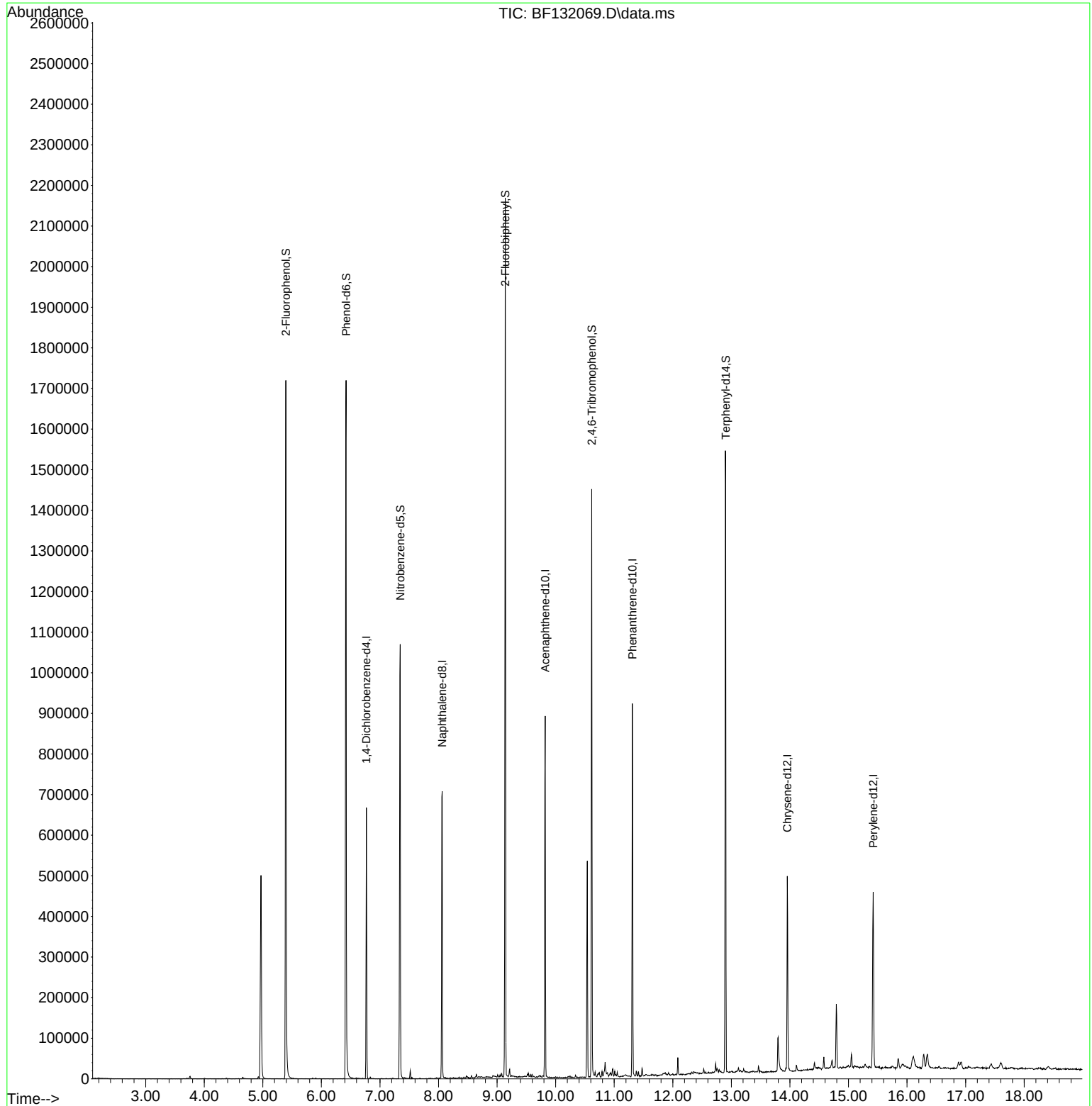
Target Compounds Qvalue

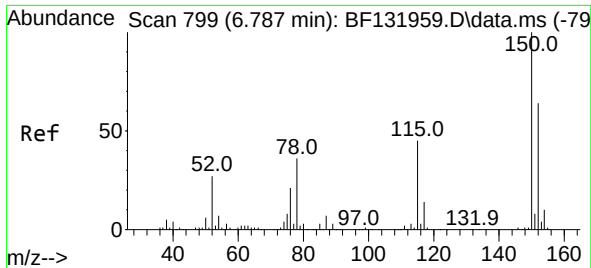
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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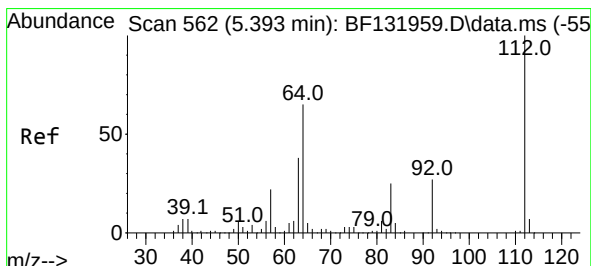
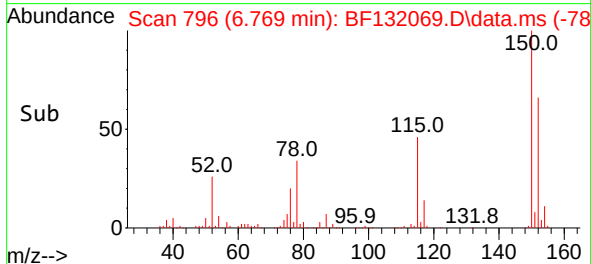
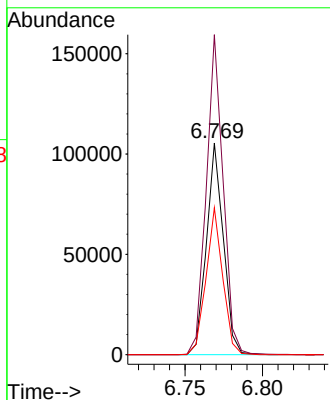
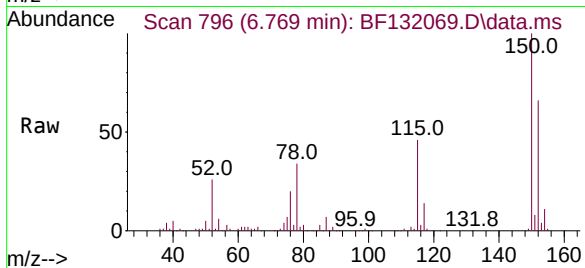




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF132069.D
Acq: 13 Jan 2023 20:32

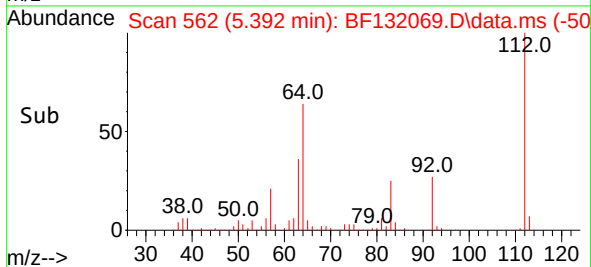
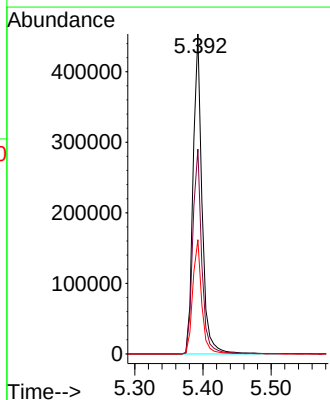
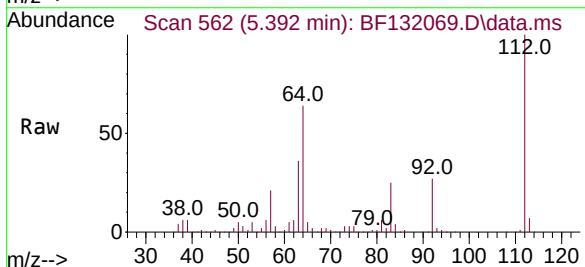
Instrument :
BNA_F
ClientSampleId :
TP-D

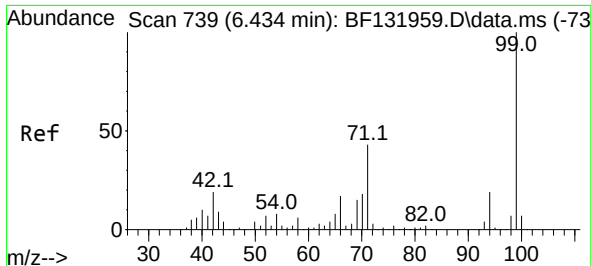
Tgt Ion:152 Resp: 80762
Ion Ratio Lower Upper
152 100
150 151.2 124.6 186.8
115 69.4 55.6 83.4



#5
2-Fluorophenol
Concen: 84.691 ng
RT: 5.392 min Scan# 562
Delta R.T. 0.012 min
Lab File: BF132069.D
Acq: 13 Jan 2023 20:32

Tgt Ion:112 Resp: 415091
Ion Ratio Lower Upper
112 100
64 64.0 51.9 77.9
63 35.7 30.2 45.2

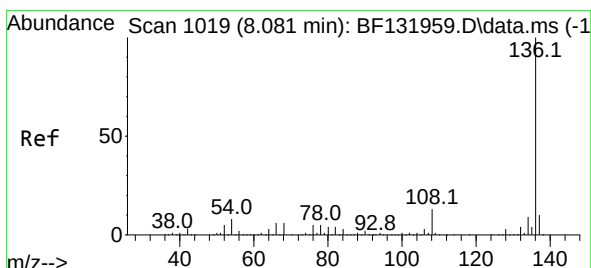
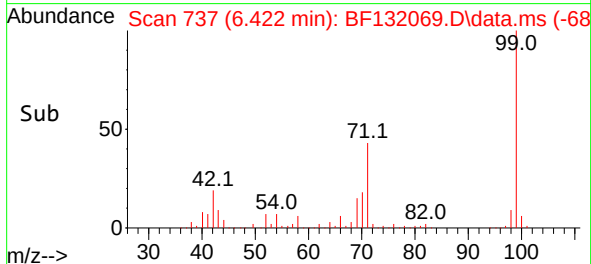
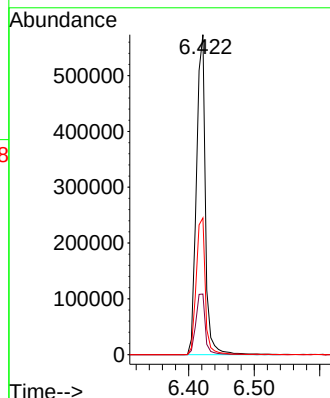
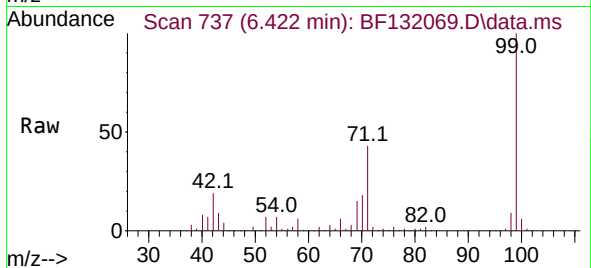




#7
Phenol-d6
Concen: 83.621 ng
RT: 6.422 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF132069.D
Acq: 13 Jan 2023 20:32

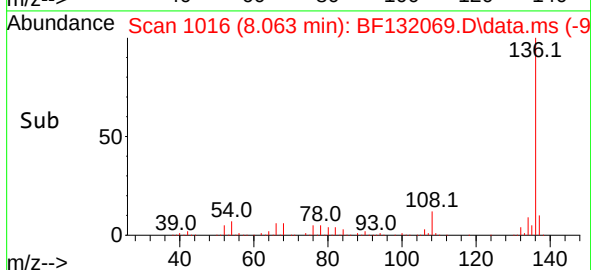
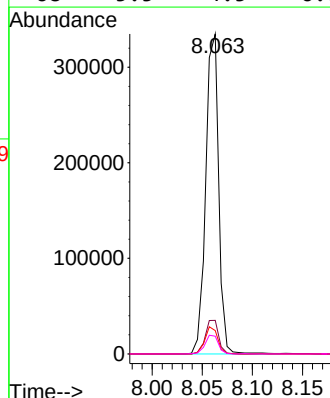
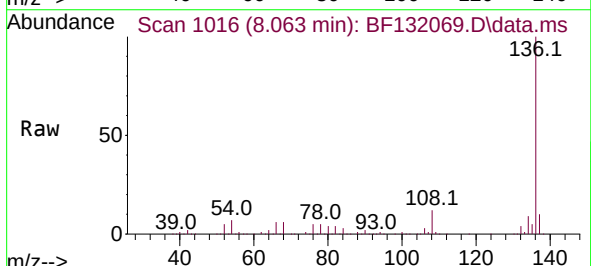
Instrument :
BNA_F
ClientSampleId :
TP-D

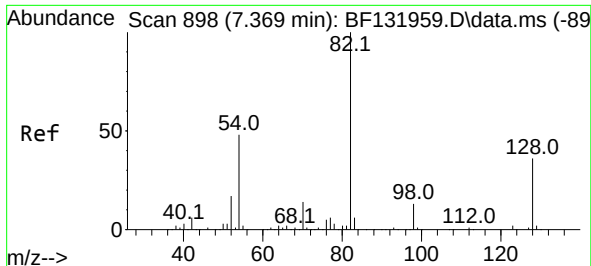
Tgt Ion: 99 Resp: 543406
Ion Ratio Lower Upper
99 100
42 18.9 15.4 23.2
71 42.7 34.6 51.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF132069.D
Acq: 13 Jan 2023 20:32

Tgt Ion: 136 Resp: 299659
Ion Ratio Lower Upper
136 100
137 10.5 8.2 12.2
54 7.3 6.6 9.8
68 5.5 4.5 6.7

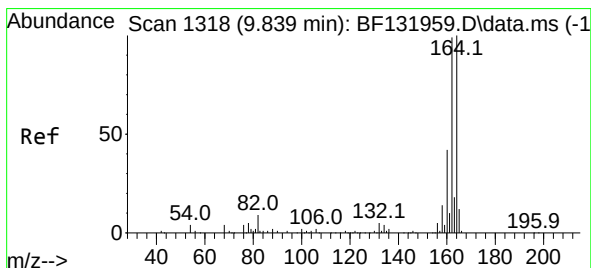
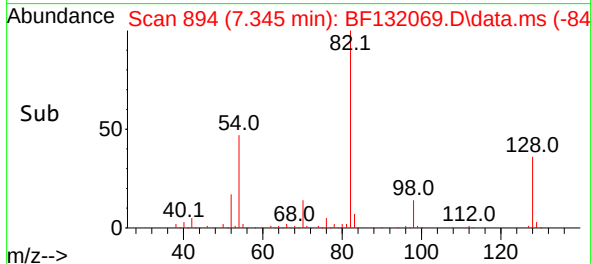
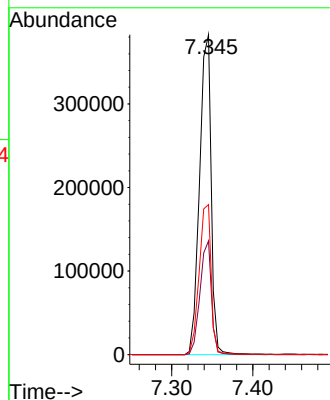
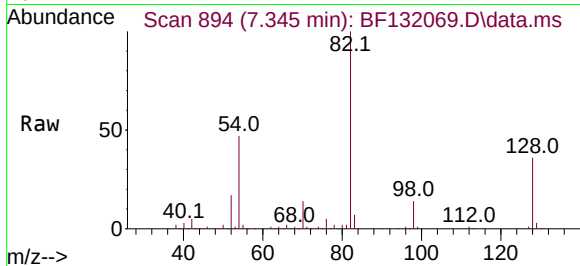




#23
Nitrobenzene-d5
Concen: 52.724 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF132069.D
Acq: 13 Jan 2023 20:32

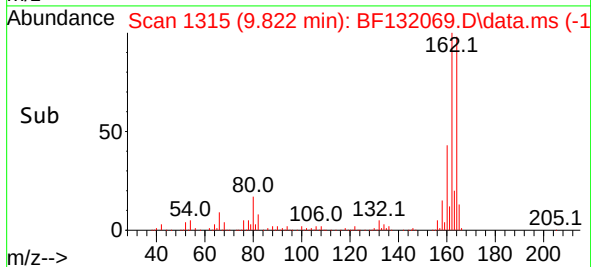
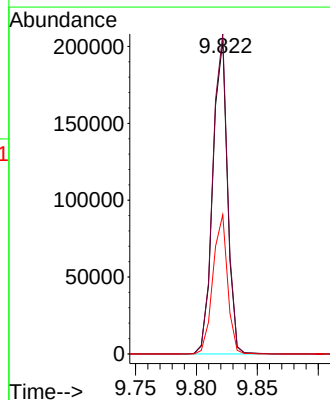
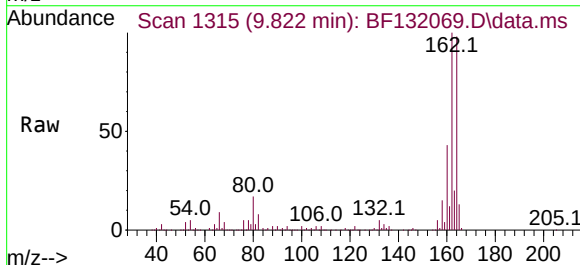
Instrument :
BNA_F
ClientSampleId :
TP-D

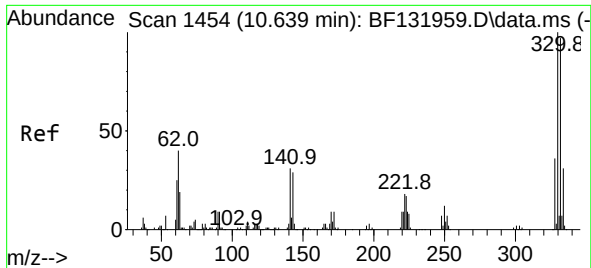
Tgt Ion: 82 Resp: 380676
Ion Ratio Lower Upper
82 100
128 35.5 28.7 43.1
54 46.9 38.1 57.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF132069.D
Acq: 13 Jan 2023 20:32

Tgt Ion:164 Resp: 170619
Ion Ratio Lower Upper
164 100
162 102.1 79.4 119.0
160 44.4 33.9 50.9

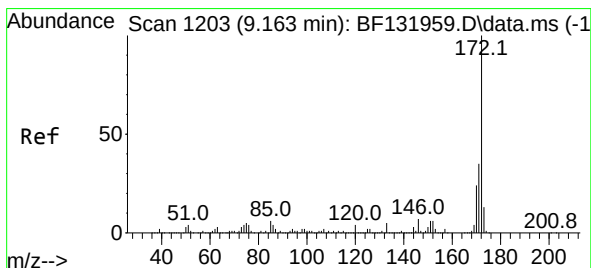
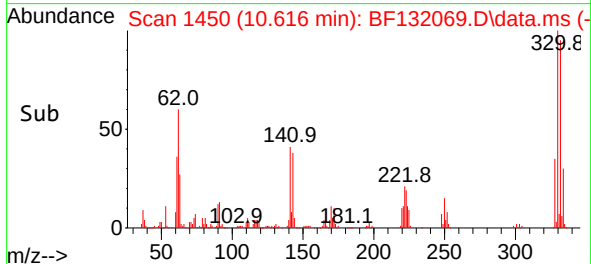
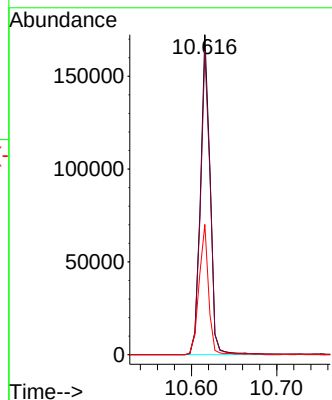
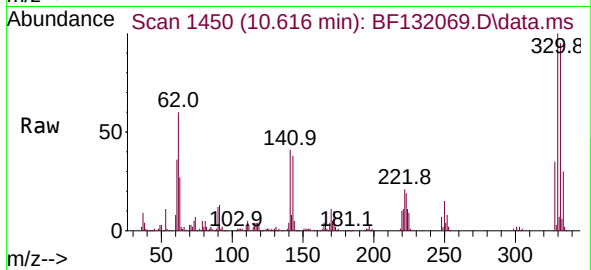




#42
2,4,6-Tribromophenol
Concen: 68.629 ng
RT: 10.616 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF132069.D
Acq: 13 Jan 2023 20:32

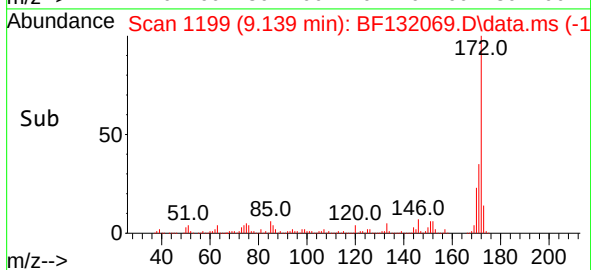
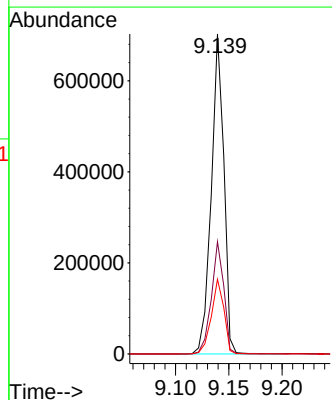
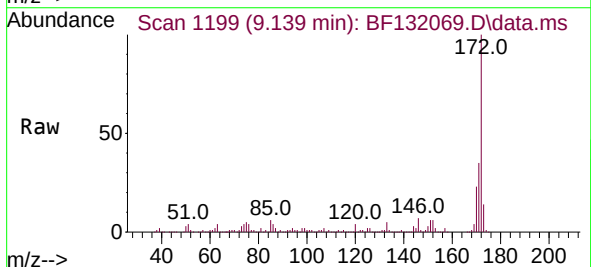
Instrument :
BNA_F
ClientSampleId :
TP-D

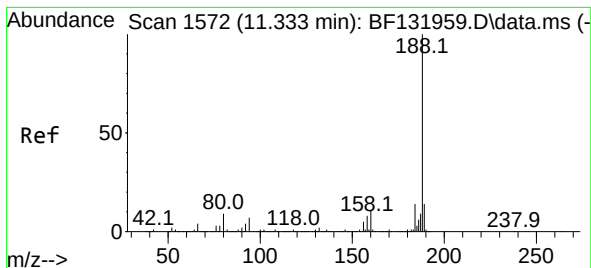
Tgt Ion:330 Resp: 134633
Ion Ratio Lower Upper
330 100
332 95.8 76.9 115.3
141 40.1 31.3 46.9



#45
2-Fluorobiphenyl
Concen: 45.669 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF132069.D
Acq: 13 Jan 2023 20:32

Tgt Ion:172 Resp: 577206
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132069.D

Acq: 13 Jan 2023 20:32

Instrument :

BNA_F

ClientSampleId :

TP-D

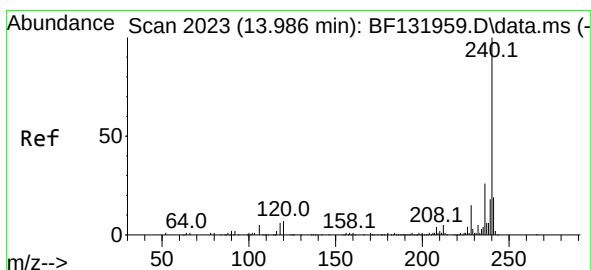
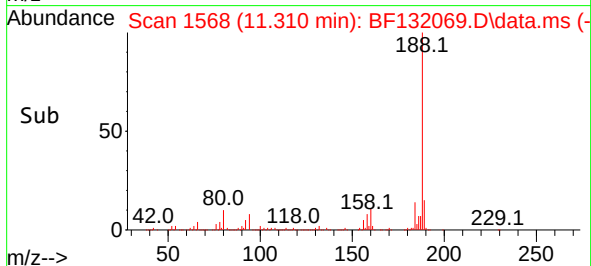
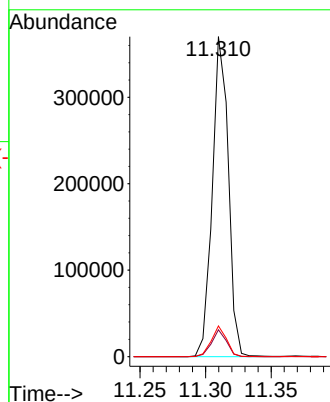
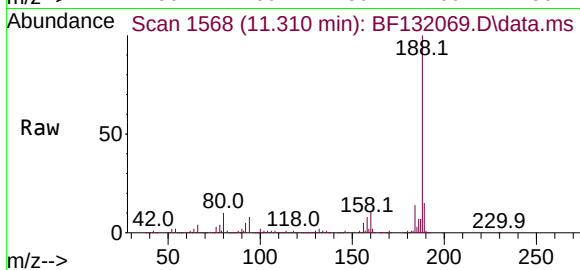
Tgt Ion:188 Resp: 315335

Ion Ratio Lower Upper

188 100

94 8.4 5.8 8.6

80 9.6 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF132069.D

Acq: 13 Jan 2023 20:32

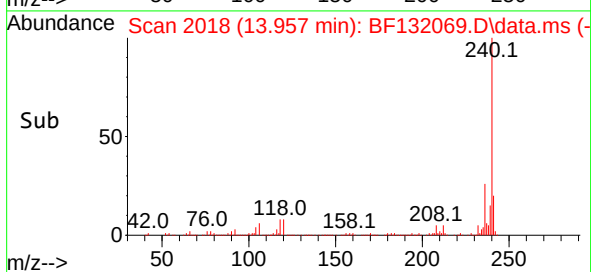
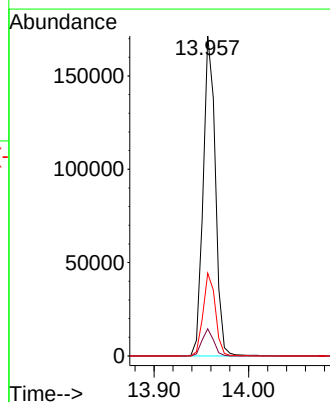
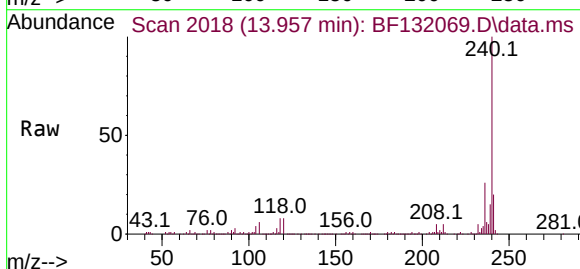
Tgt Ion:240 Resp: 153577

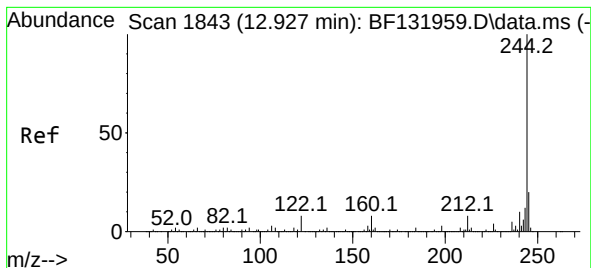
Ion Ratio Lower Upper

240 100

120 8.5 5.4 8.0#

236 25.8 21.1 31.7





#79

Terphenyl-d14

Concen: 50.046 ng

RT: 12.904 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF132069.D

Acq: 13 Jan 2023 20:32

Instrument :

BNA_F

ClientSampleId :

TP-D

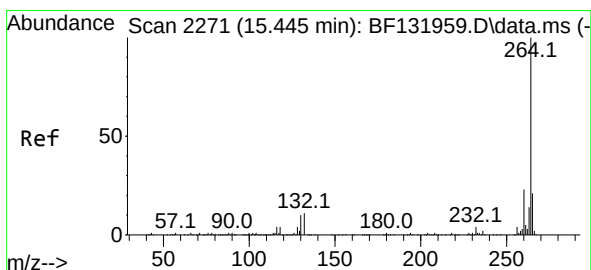
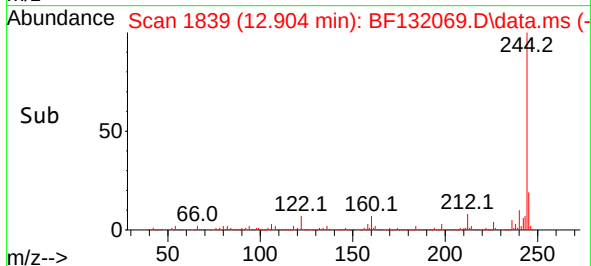
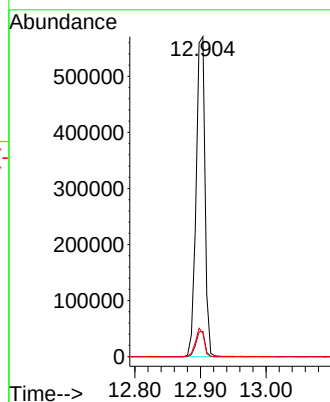
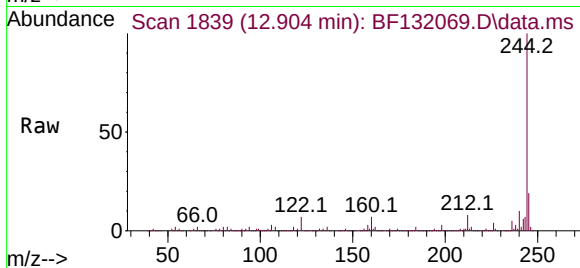
Tgt Ion:244 Resp: 536244

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

122 7.3 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2267

Delta R.T. 0.006 min

Lab File: BF132069.D

Acq: 13 Jan 2023 20:32

Tgt Ion:264 Resp: 180877

Ion Ratio Lower Upper

264 100

260 24.1 18.3 27.5

265 21.6 16.9 25.3

