

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
 Data File : BF133753.D
 Acq On : 14 Jun 2023 16:08
 Operator : CG\JU
 Sample : 03096-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-24-0A

Quant Time: Jun 14 16:37:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 16:27:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	108109	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	407251	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	192527	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	334428	20.000	ng	0.00
76) Chrysene-d12	13.998	240	213613	20.000	ng	-0.01
86) Perylene-d12	15.463	264	240868	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	735206	118.392	ng	0.01
7) Phenol-d6	6.463	99	809222	100.111	ng	0.00
23) Nitrobenzene-d5	7.398	82	662815	88.646	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	273333	112.157	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1189045	87.793	ng	0.00
79) Terphenyl-d14	12.951	244	1019090	73.820	ng	0.00

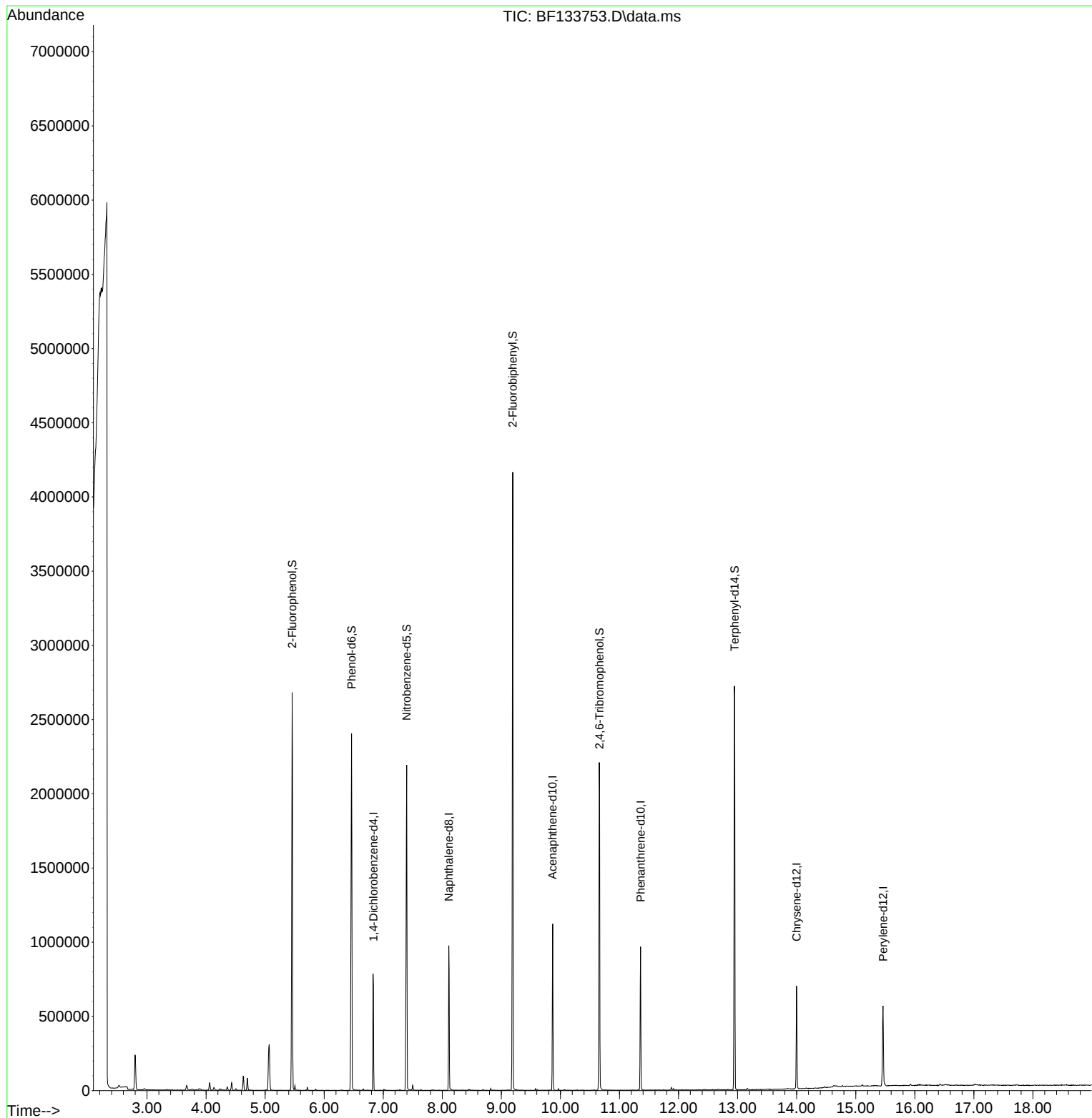
Target Compounds	Qvalue

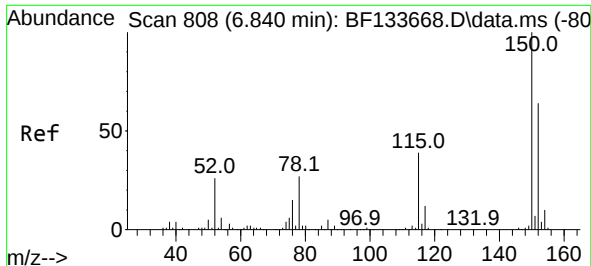
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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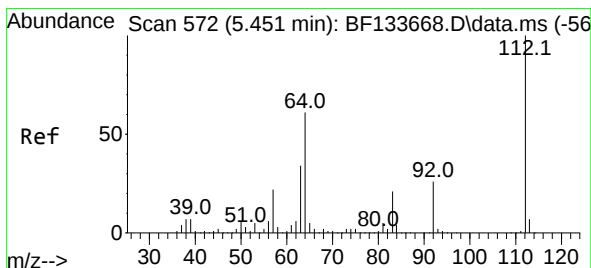
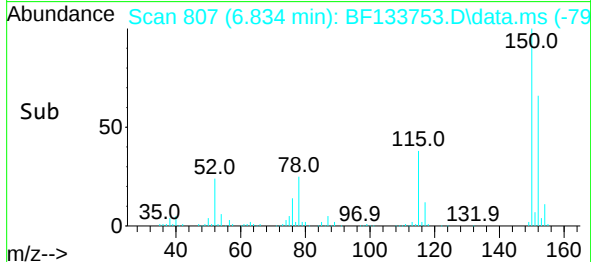
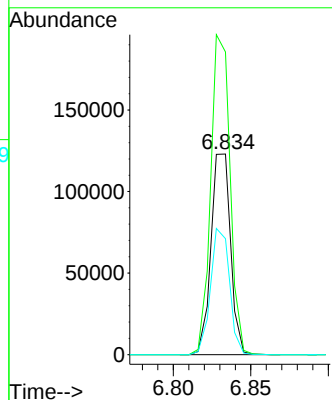
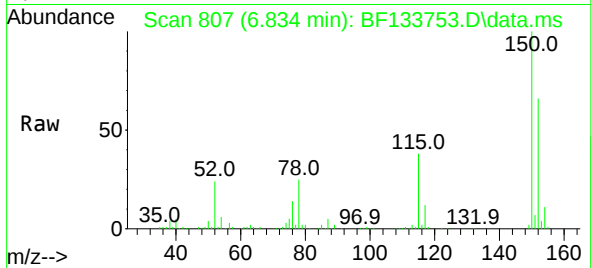




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133753.D
Acq: 14 Jun 2023 16:08

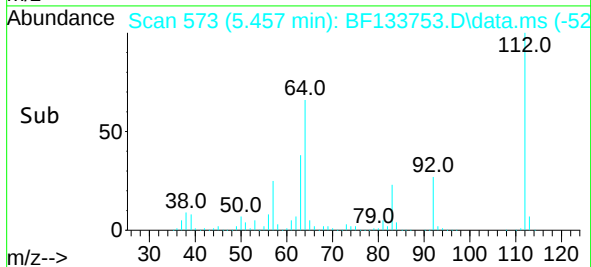
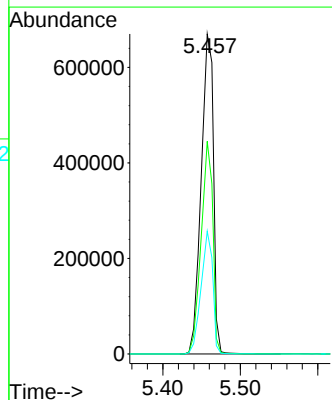
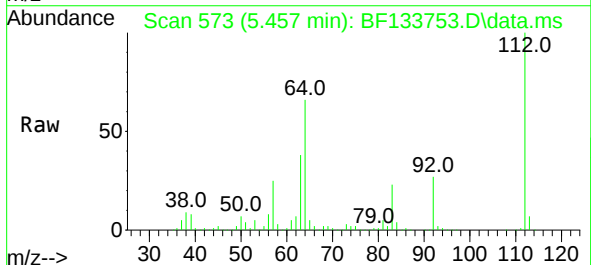
Instrument :
BNA_F
ClientSampleId :
TP-24-0A

Tgt Ion:152 Resp: 108109
Ion Ratio Lower Upper
152 100
150 150.9 124.3 186.5
115 57.8 48.5 72.7



#5
2-Fluorophenol
Concen: 118.392 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133753.D
Acq: 14 Jun 2023 16:08

Tgt Ion:112 Resp: 735206
Ion Ratio Lower Upper
112 100
64 66.4 49.0 73.4
63 38.4 26.8 40.2

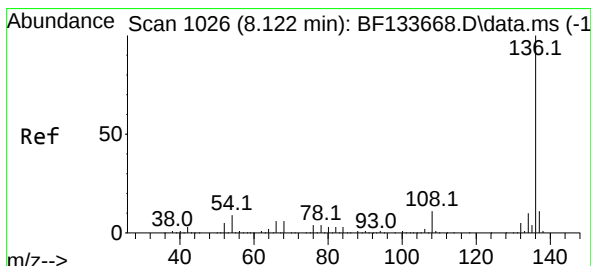
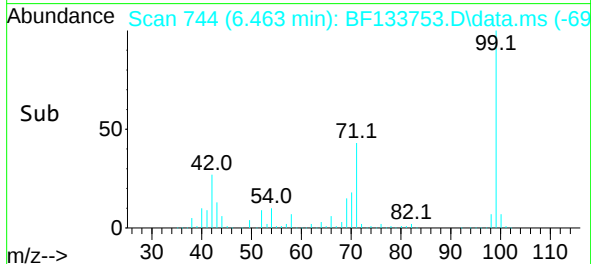
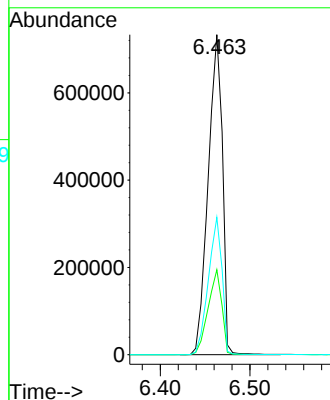
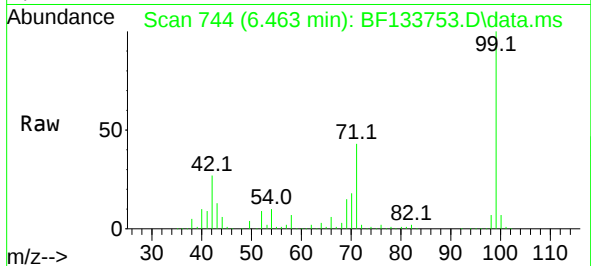




#7
Phenol-d6
Concen: 100.111 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133753.D
Acq: 14 Jun 2023 16:08

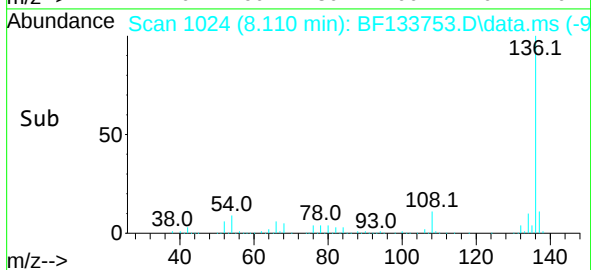
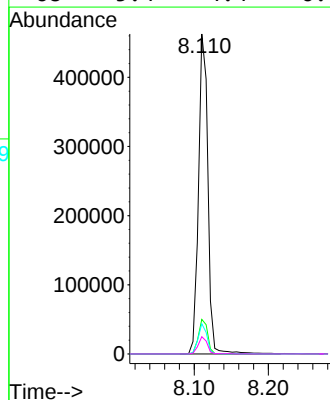
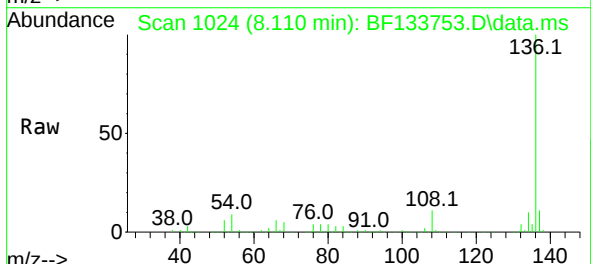
Instrument :
BNA_F
ClientSampleId :
TP-24-0A

Tgt Ion: 99 Resp: 809222
Ion Ratio Lower Upper
99 100
42 26.5 19.9 29.9
71 42.9 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133753.D
Acq: 14 Jun 2023 16:08

Tgt Ion: 136 Resp: 407251
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.5 7.4 11.0
68 5.4 4.4 6.6





#23

Nitrobenzene-d5

Concen: 88.646 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133753.D

Acq: 14 Jun 2023 16:08

Instrument :

BNA_F

ClientSampleId :

TP-24-0A

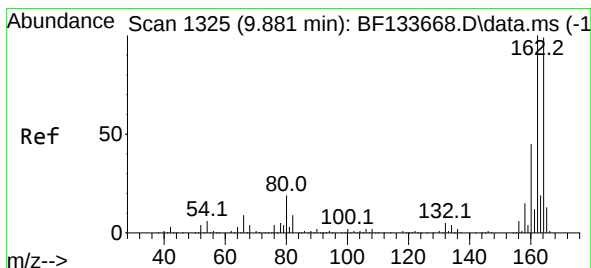
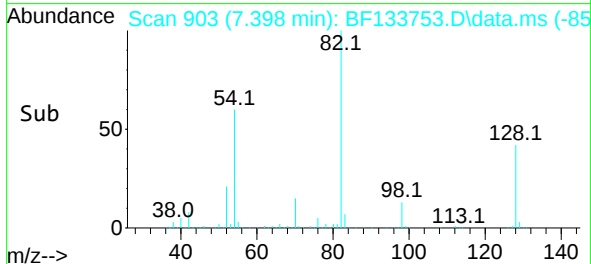
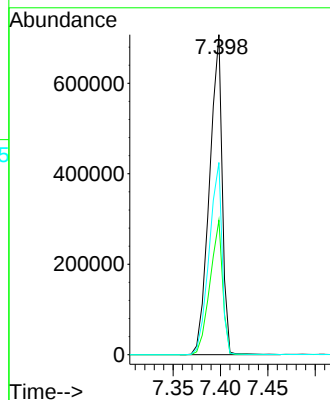
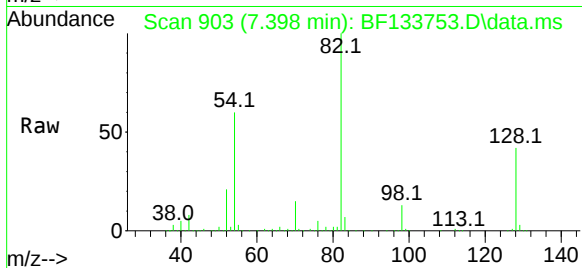
Tgt Ion: 82 Resp: 662815

Ion Ratio Lower Upper

82 100

128 42.0 34.2 51.2

54 60.0 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF133753.D

Acq: 14 Jun 2023 16:08

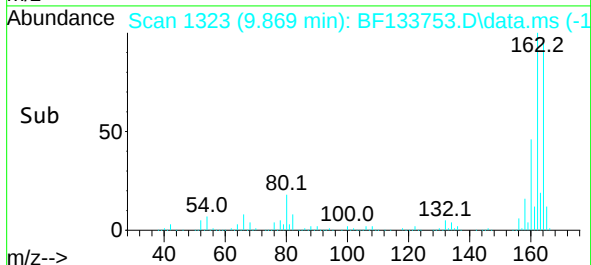
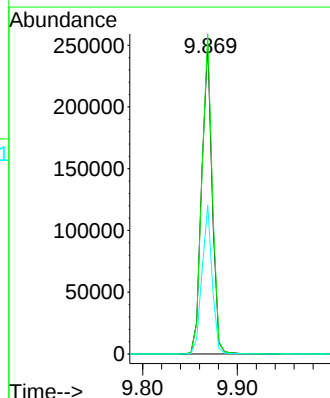
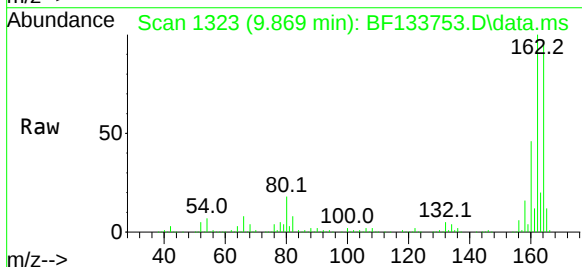
Tgt Ion:164 Resp: 192527

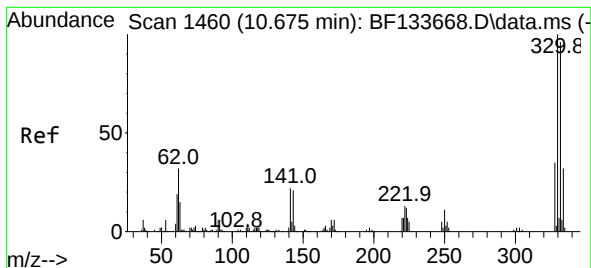
Ion Ratio Lower Upper

164 100

162 103.0 80.8 121.2

160 47.8 36.7 55.1

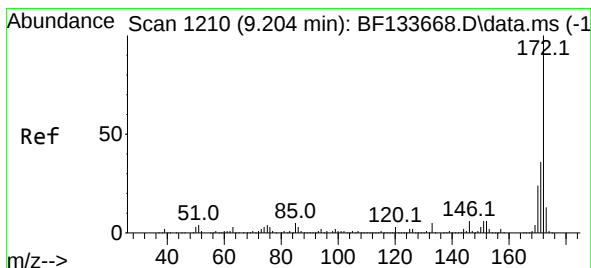
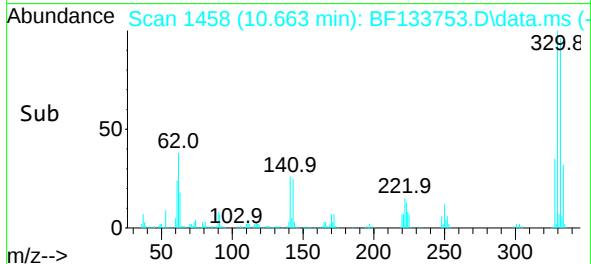
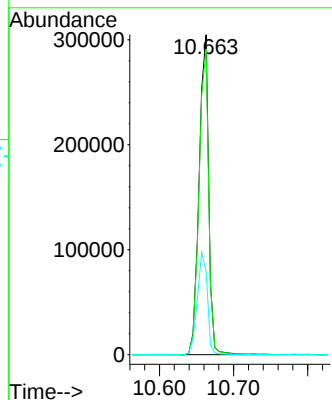
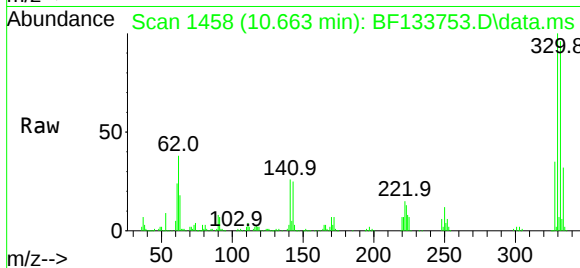




#42
 2,4,6-Tribromophenol
 Concen: 112.157 ng
 RT: 10.663 min Scan# 1460
 Delta R.T. -0.006 min
 Lab File: BF133753.D
 Acq: 14 Jun 2023 16:08

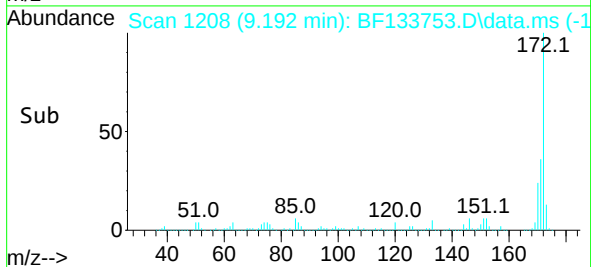
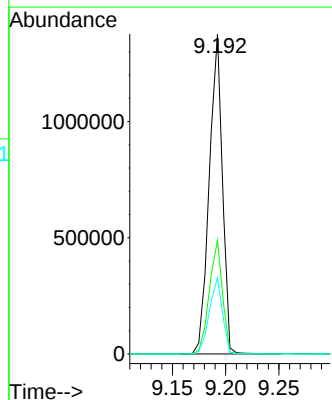
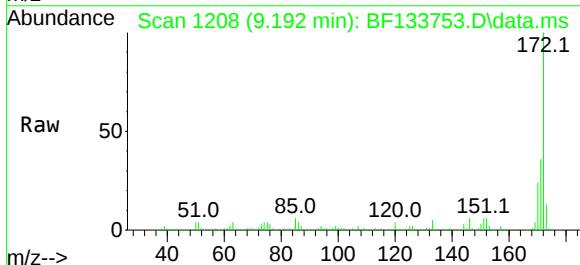
Instrument :
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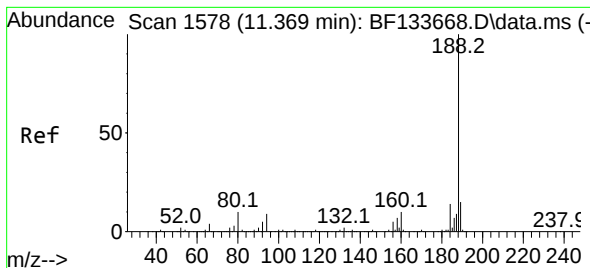
Tgt Ion: 330 Resp: 273333
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.2 115.8
 141 33.5 24.9 37.3



#45
 2-Fluorobiphenyl
 Concen: 87.793 ng
 RT: 9.192 min Scan# 1208
 Delta R.T. 0.000 min
 Lab File: BF133753.D
 Acq: 14 Jun 2023 16:08

Tgt Ion: 172 Resp: 1189045
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 23.9 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133753.D

Acq: 14 Jun 2023 16:08

Instrument :

BNA_F

ClientSampleId :

TP-24-0A

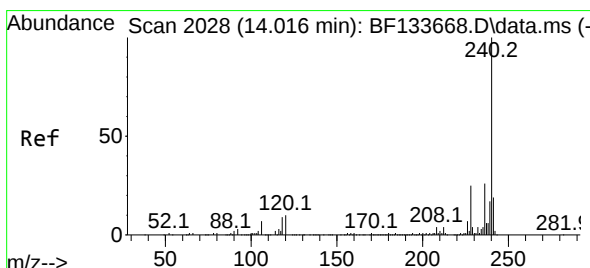
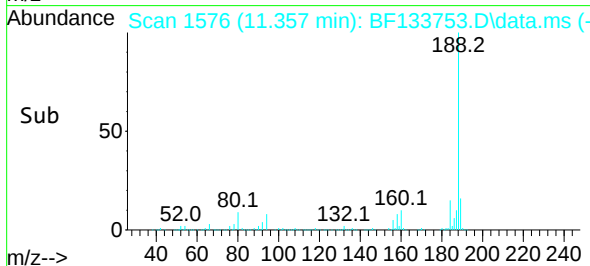
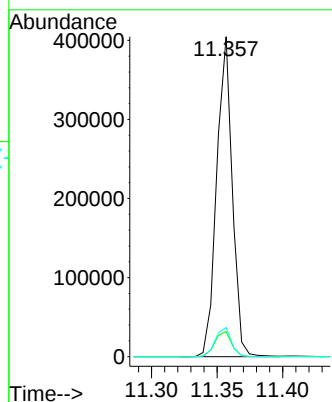
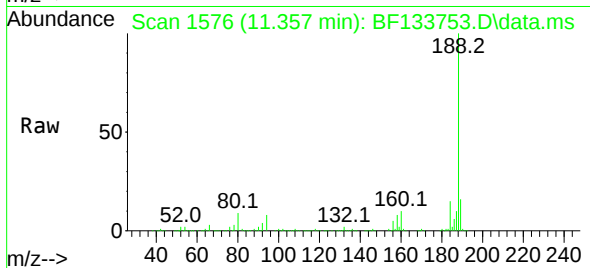
Tgt Ion:188 Resp: 334428

Ion Ratio Lower Upper

188 100

94 7.9 6.8 10.2

80 9.2 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.012 min

Lab File: BF133753.D

Acq: 14 Jun 2023 16:08

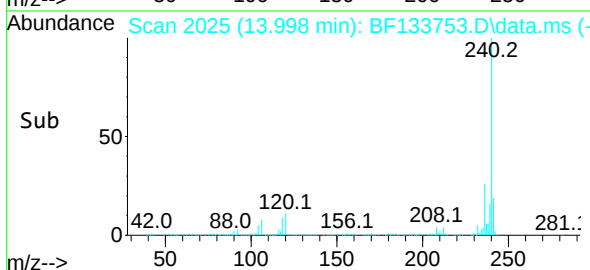
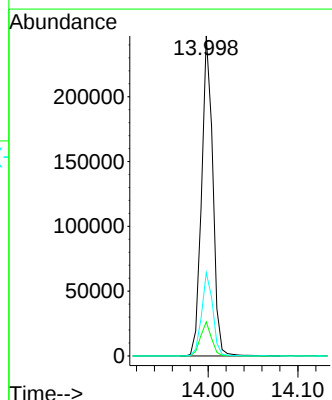
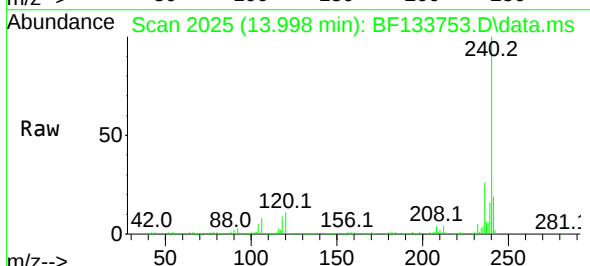
Tgt Ion:240 Resp: 213613

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

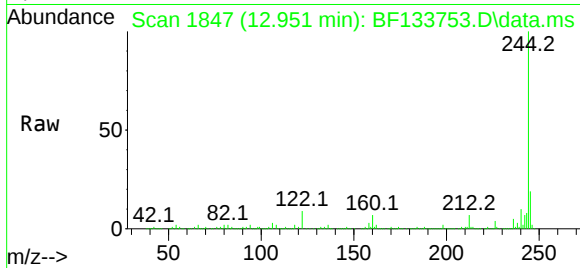
236 26.1 20.5 30.7



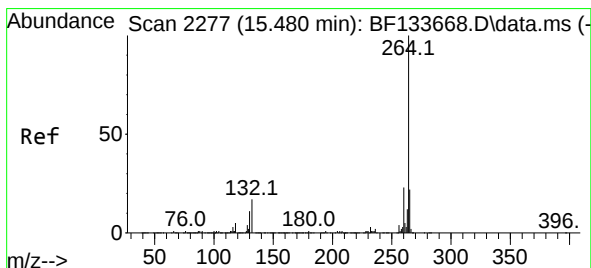
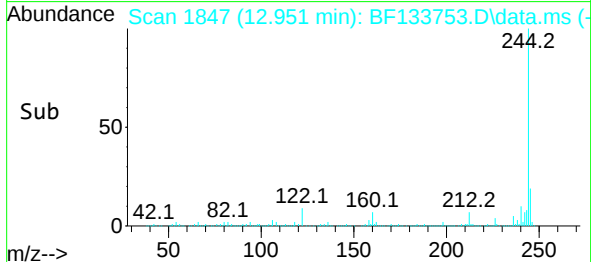
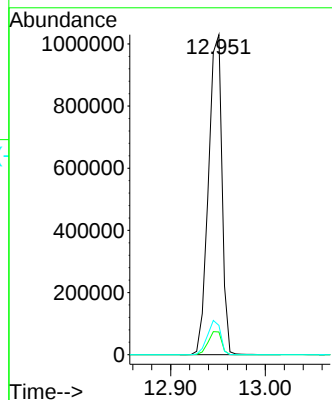


#79
 Terphenyl-d14
 Concen: 73.820 ng
 RT: 12.951 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133753.D
 Acq: 14 Jun 2023 16:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-24-0A



Tgt Ion:244 Resp: 1019090
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 9.2 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF133753.D
 Acq: 14 Jun 2023 16:08

Tgt Ion:264 Resp: 240868
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.2 27.2
 265 20.6 17.8 26.6

