

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133785.D
 Acq On : 15 Jun 2023 20:48
 Operator : CG\JU
 Sample : PB153350BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153350BL

Quant Time: Jun 16 02:59:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:12:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	98318	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	381011	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	205728	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	428761	20.000	ng	0.00
76) Chrysene-d12	13.998	240	226918	20.000	ng	0.00
86) Perylene-d12	15.463	264	198659	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	738280	130.726	ng	0.01
7) Phenol-d6	6.463	99	876757	119.267	ng	0.00
23) Nitrobenzene-d5	7.398	82	850780	121.622	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	313104	120.233	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1618786	111.853	ng	0.00
79) Terphenyl-d14	12.951	244	2026739	138.203	ng	0.00

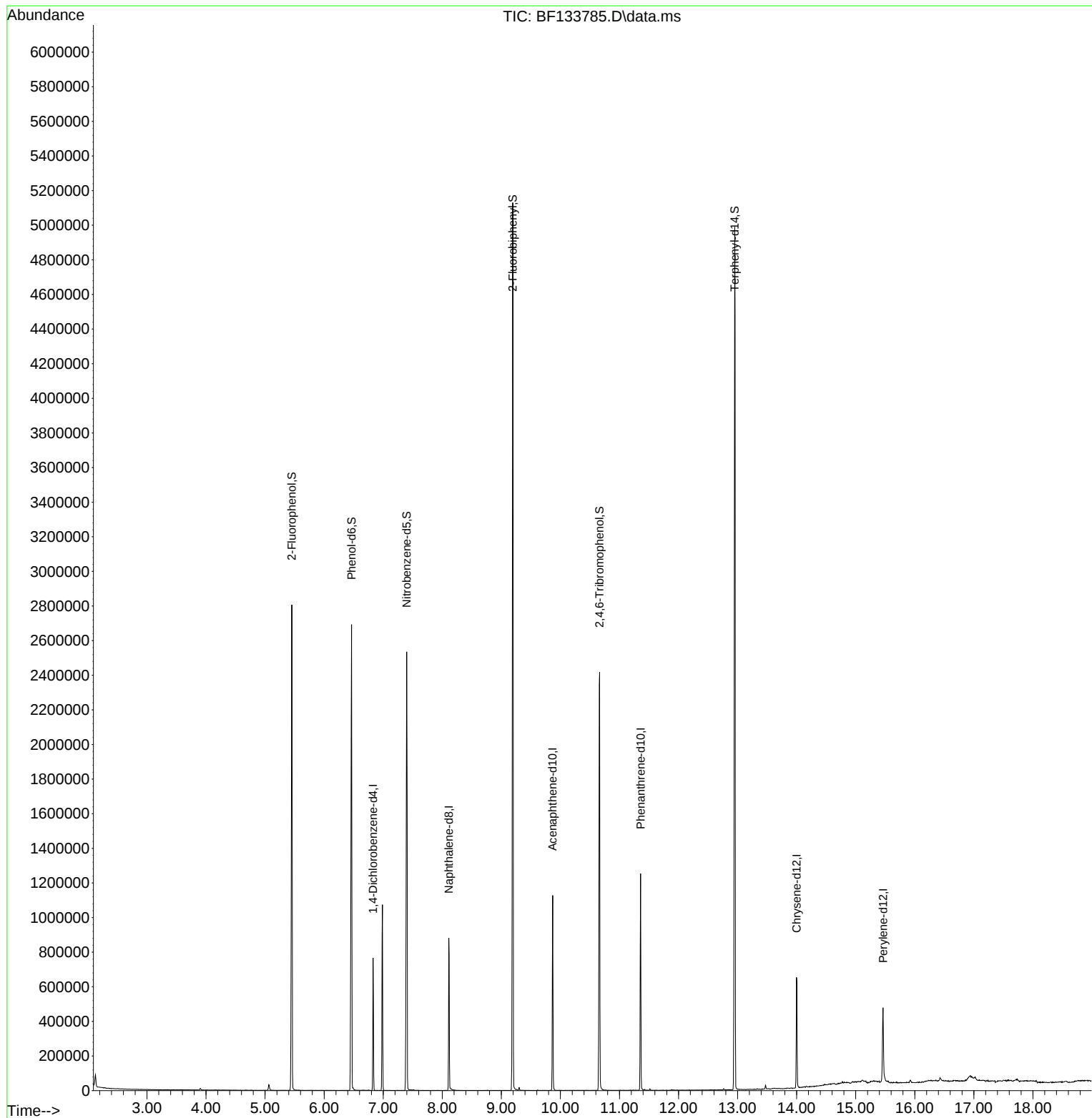
Target Compounds	Qvalue

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

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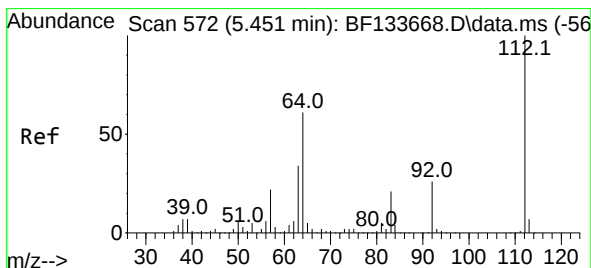
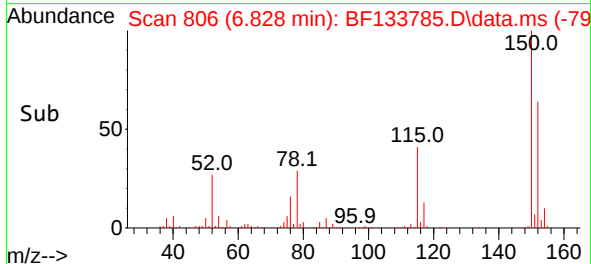
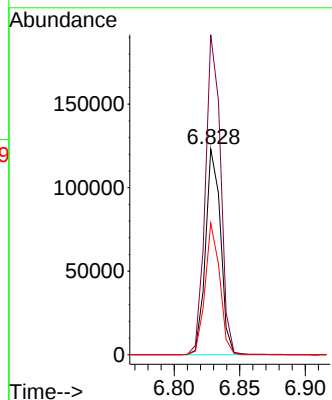
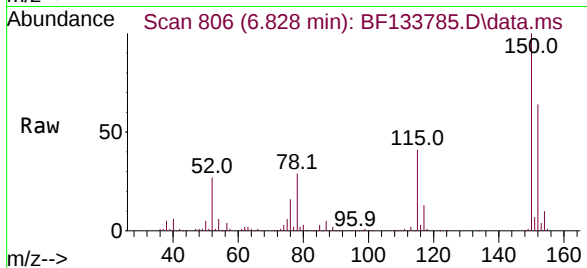




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF133785.D
Acq: 15 Jun 2023 20:48

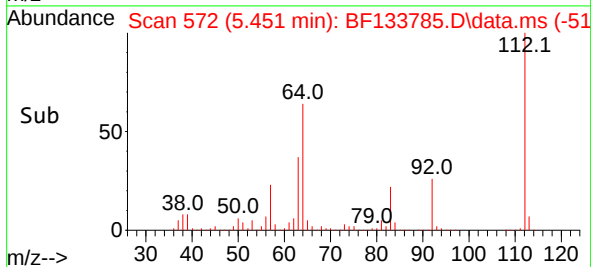
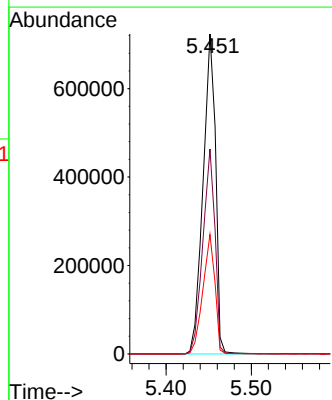
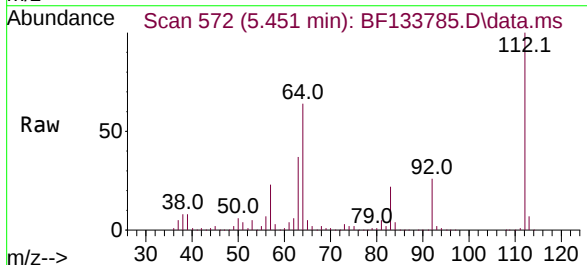
Instrument :
BNA_F
ClientSampleId :
PB153350BL

Tgt Ion:152 Resp: 98318
Ion Ratio Lower Upper
152 100
150 155.6 124.3 186.5
115 64.0 48.5 72.7



#5
2-Fluorophenol
Concen: 130.726 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF133785.D
Acq: 15 Jun 2023 20:48

Tgt Ion:112 Resp: 738280
Ion Ratio Lower Upper
112 100
64 64.0 49.0 73.4
63 37.4 26.8 40.2

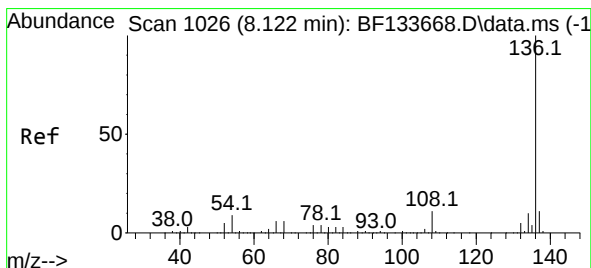
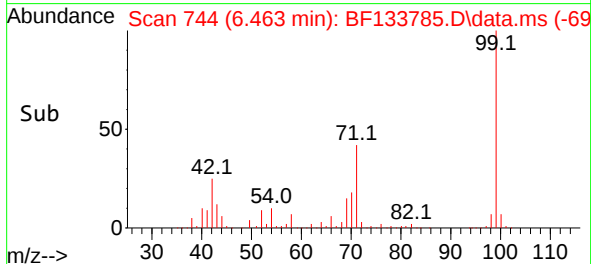
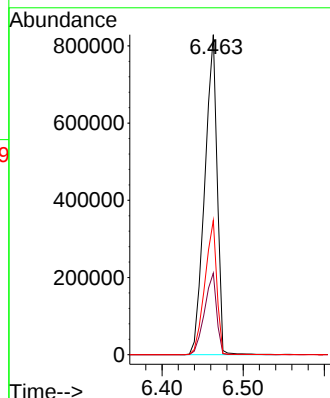
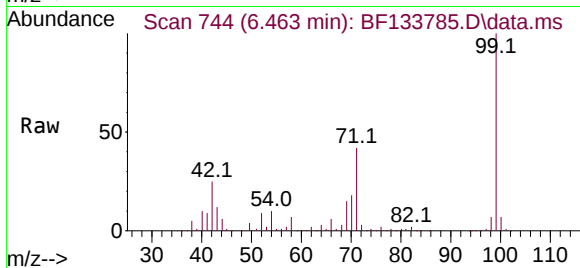




#7
Phenol-d6
Concen: 119.267 ng
RT: 6.463 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF133785.D
Acq: 15 Jun 2023 20:48

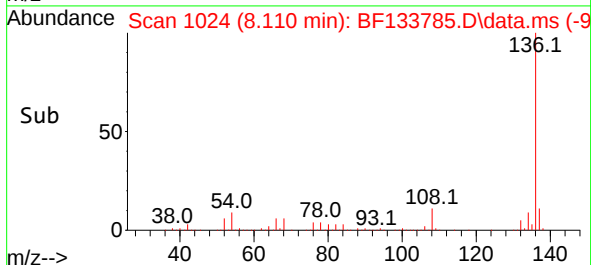
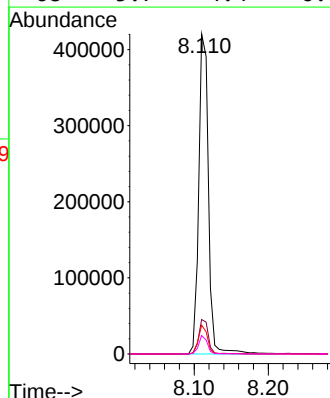
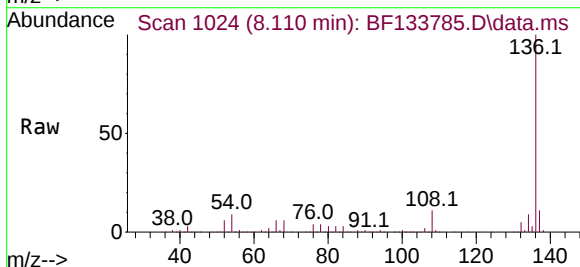
Instrument :
BNA_F
ClientSampleId :
PB153350BL

Tgt Ion: 99 Resp: 876757
Ion Ratio Lower Upper
99 100
42 25.5 19.9 29.9
71 41.9 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: BF133785.D
Acq: 15 Jun 2023 20:48

Tgt Ion: 136 Resp: 381011
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.0 7.4 11.0
68 5.7 4.4 6.6





#23

Nitrobenzene-d5

Concen: 121.622 ng

RT: 7.398 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF133785.D

Acq: 15 Jun 2023 20:48

Instrument :

BNA_F

ClientSampleId :

PB153350BL

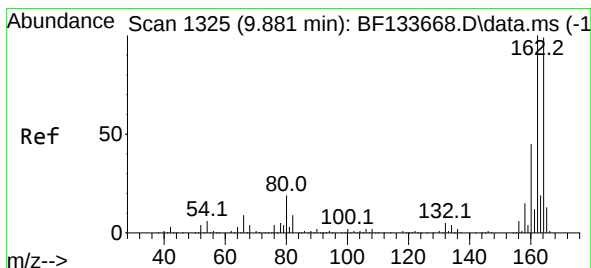
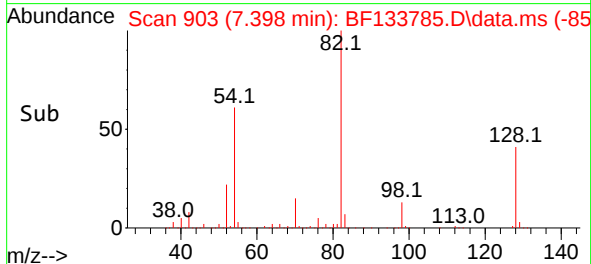
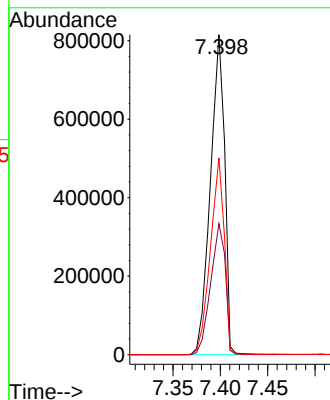
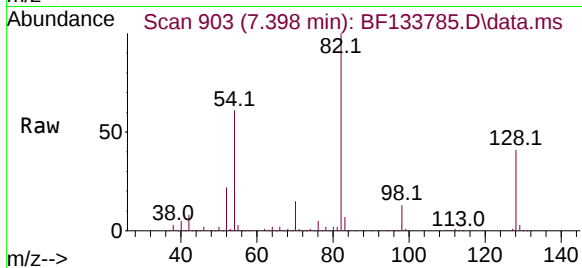
Tgt Ion: 82 Resp: 850780

Ion Ratio Lower Upper

82 100

128 41.0 34.2 51.2

54 61.5 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. 0.000 min

Lab File: BF133785.D

Acq: 15 Jun 2023 20:48

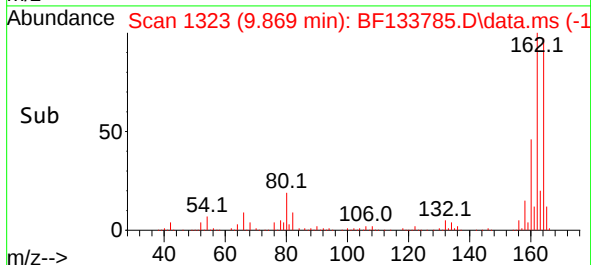
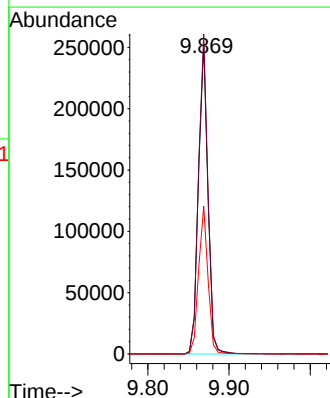
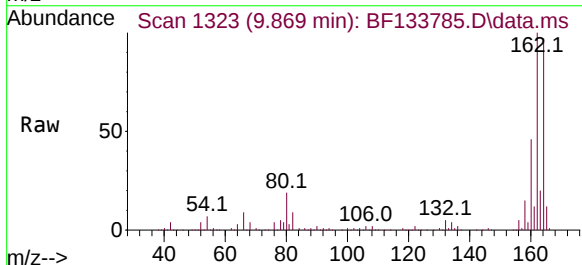
Tgt Ion:164 Resp: 205728

Ion Ratio Lower Upper

164 100

162 103.1 80.8 121.2

160 47.6 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 120.233 ng

RT: 10.663 min Scan# 1460

Delta R.T. 0.000 min

Lab File: BF133785.D

Acq: 15 Jun 2023 20:48

Instrument :

BNA_F

ClientSampleId :

PB153350BL

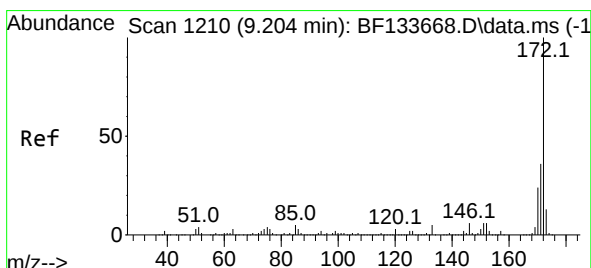
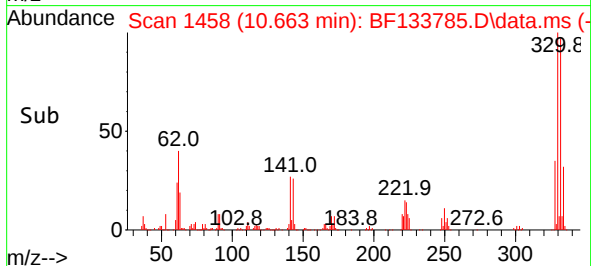
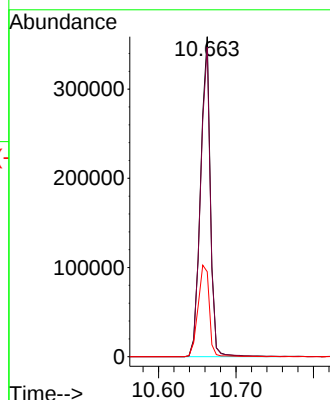
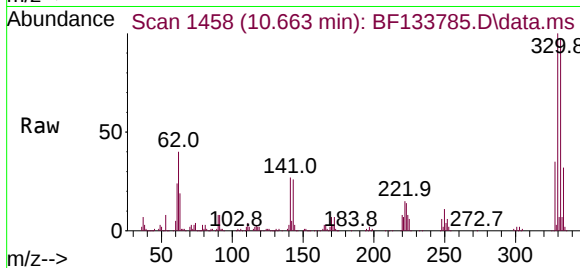
Tgt Ion:330 Resp: 313104

Ion Ratio Lower Upper

330 100

332 97.5 77.2 115.8

141 32.8 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 111.853 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF133785.D

Acq: 15 Jun 2023 20:48

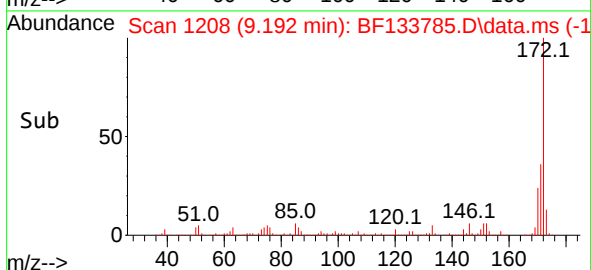
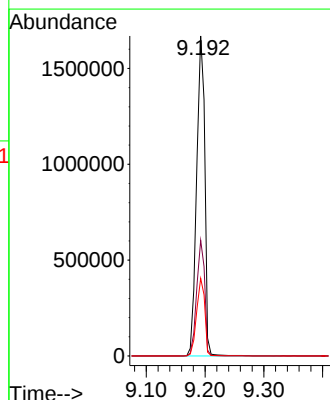
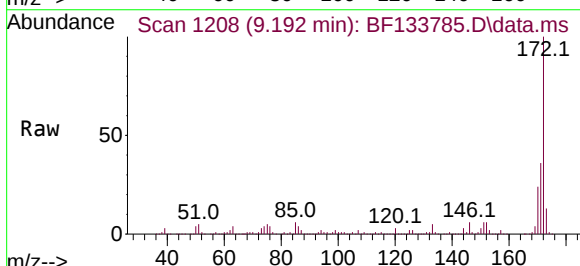
Tgt Ion:172 Resp: 1618786

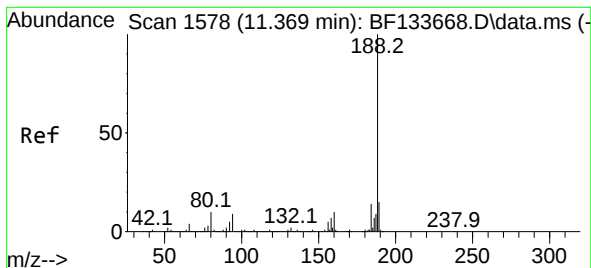
Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

170 24.3 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133785.D

Acq: 15 Jun 2023 20:48

Instrument :

BNA_F

ClientSampleId :

PB153350BL

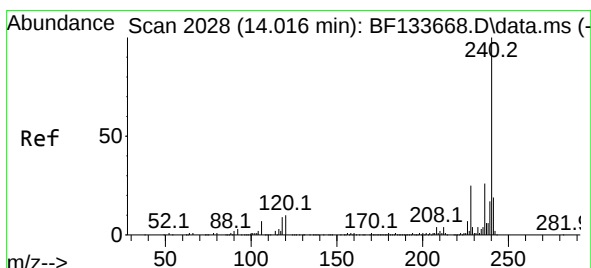
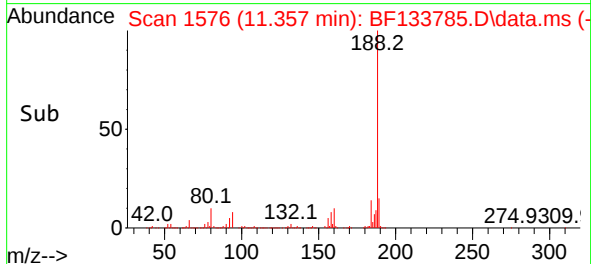
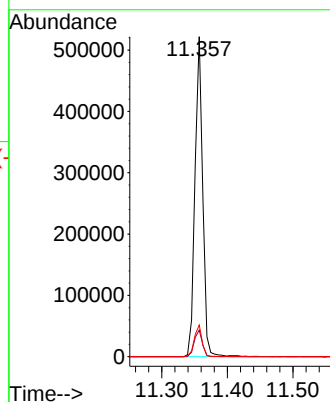
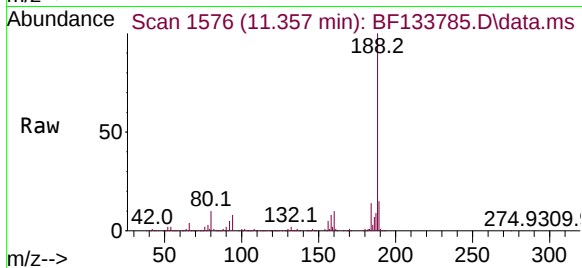
Tgt Ion:188 Resp: 428761

Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

80 9.9 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF133785.D

Acq: 15 Jun 2023 20:48

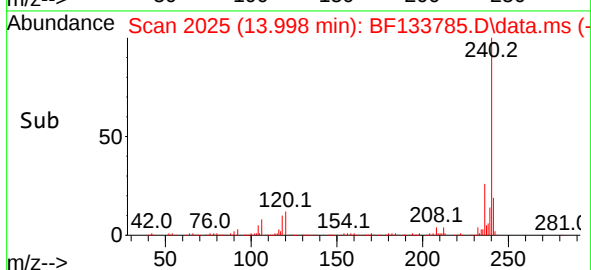
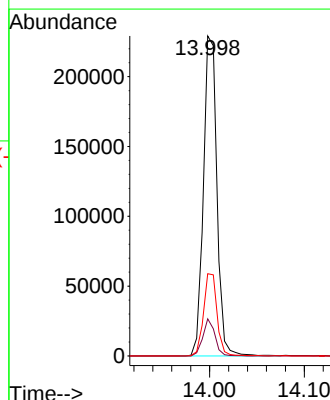
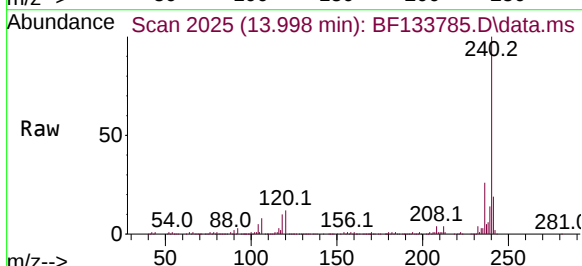
Tgt Ion:240 Resp: 226918

Ion Ratio Lower Upper

240 100

120 11.6 8.1 12.1

236 25.7 20.5 30.7

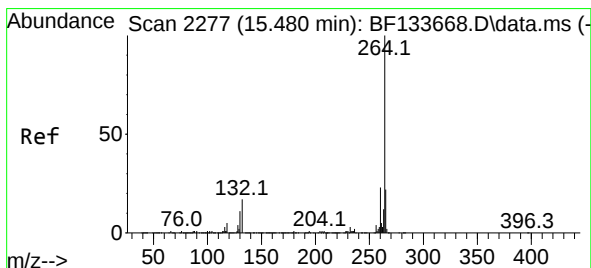
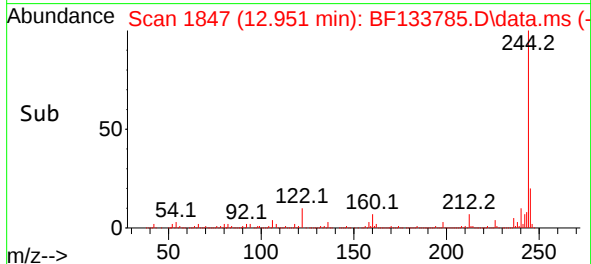
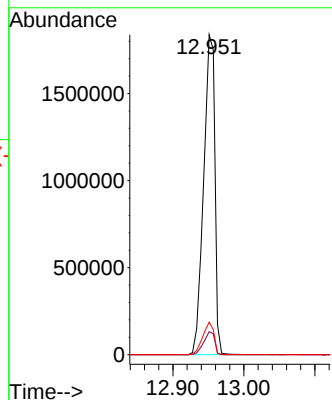
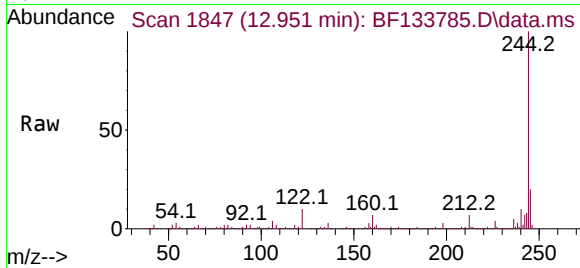




#79
 Terphenyl-d14
 Concen: 138.203 ng
 RT: 12.951 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF133785.D
 Acq: 15 Jun 2023 20:48

Instrument :
 BNA_F
 ClientSampleId :
 PB153350BL

Tgt Ion:244 Resp: 2026739
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.1 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. 0.000 min
 Lab File: BF133785.D
 Acq: 15 Jun 2023 20:48

Tgt Ion:264 Resp: 198659
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.2 27.2
 265 21.5 17.8 26.6

