

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
 Data File : BF133573.D
 Acq On : 05 Jun 2023 19:09
 Operator : CG\JU
 Sample : 02986-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-0A

Quant Time: Jun 06 01:06:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 17:49:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	132317	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	485686	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	209460	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	357886	20.000	ng	0.00
76) Chrysene-d12	13.998	240	243675	20.000	ng	0.00
86) Perylene-d12	15.457	264	192927	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	831592	104.860	ng	0.01
7) Phenol-d6	6.457	99	997864	102.214	ng	0.00
23) Nitrobenzene-d5	7.398	82	615759	84.650	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	227851	109.128	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1025103	75.536	ng	0.00
79) Terphenyl-d14	12.945	244	972783	70.979	ng	0.00

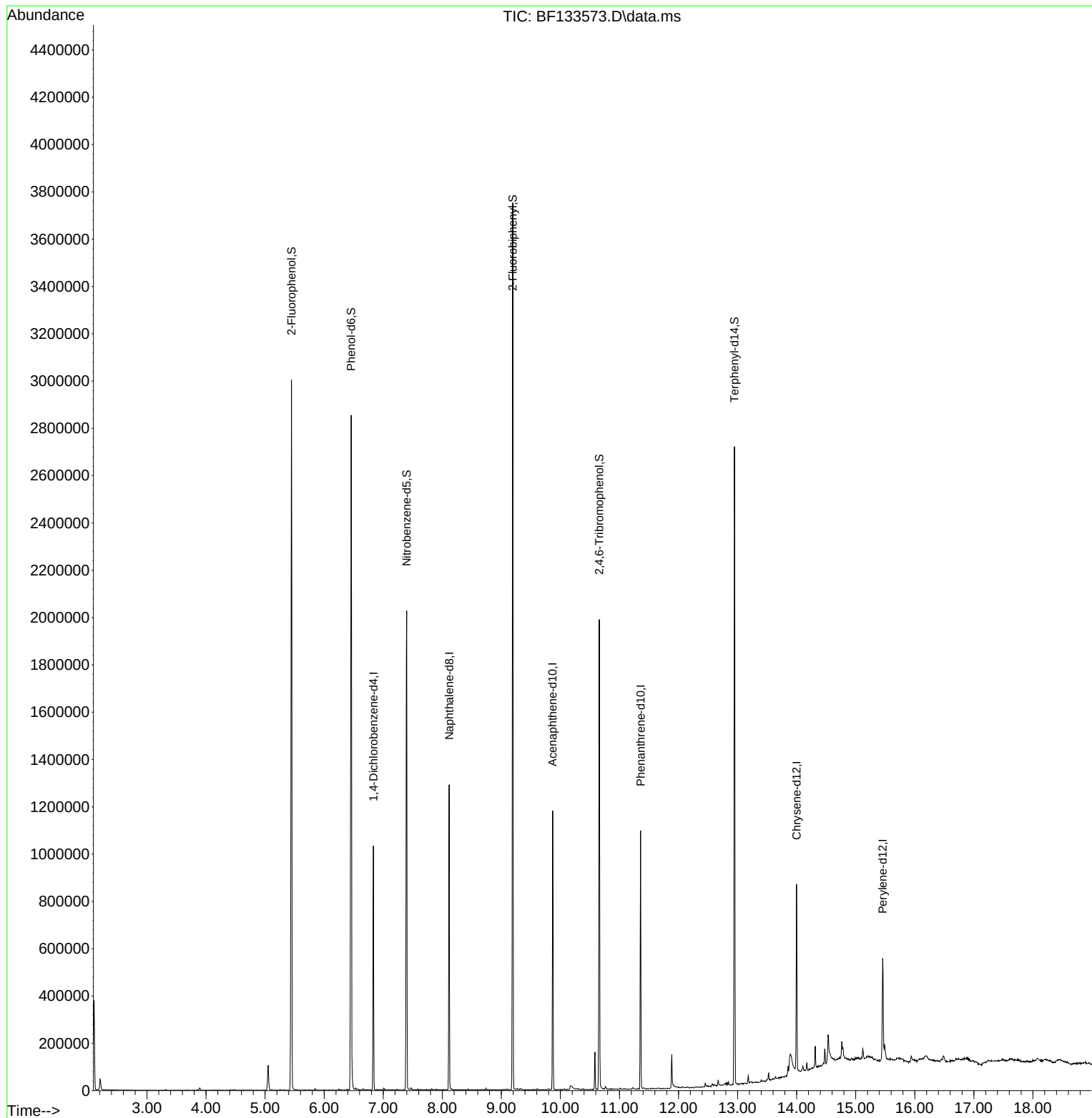
Target Compounds	Qvalue

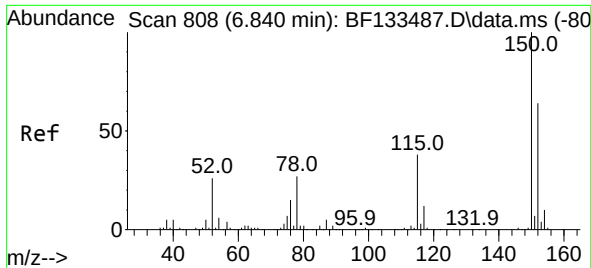
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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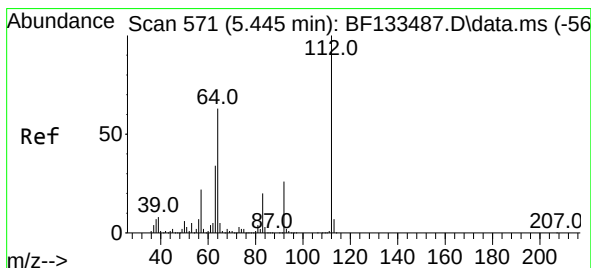
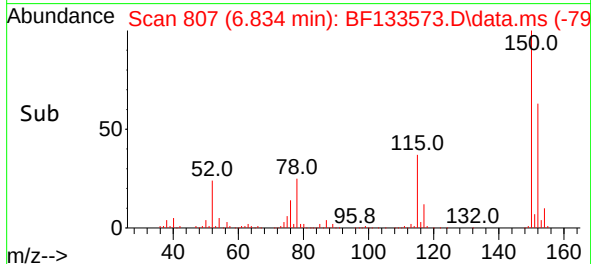
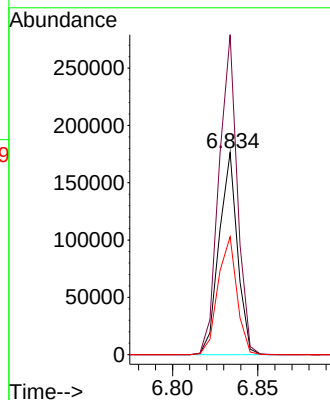
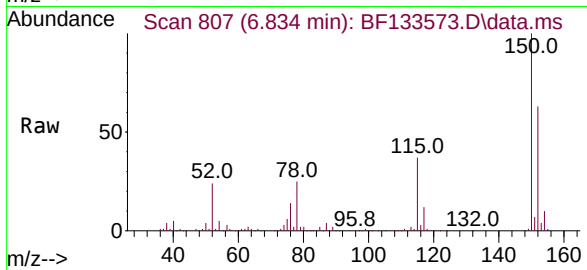




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133573.D
Acq: 05 Jun 2023 19:09

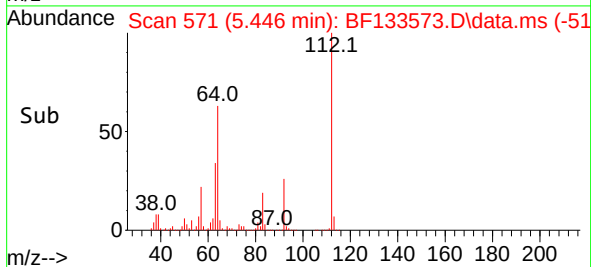
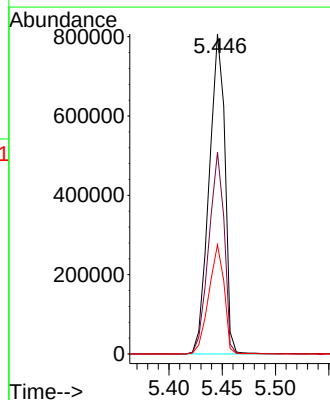
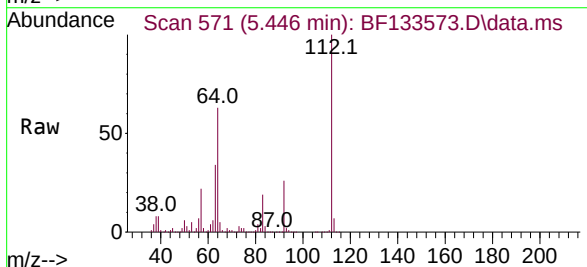
Instrument :
BNA_F
ClientSampleId :
TP-15-0A

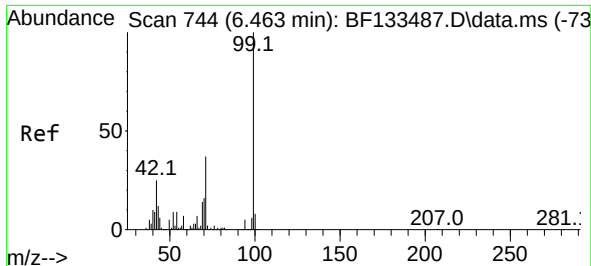
Tgt Ion:152 Resp: 132317
Ion Ratio Lower Upper
152 100
150 158.3 124.9 187.3
115 58.3 48.1 72.1



#5
2-Fluorophenol
Concen: 104.860 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF133573.D
Acq: 05 Jun 2023 19:09

Tgt Ion:112 Resp: 831592
Ion Ratio Lower Upper
112 100
64 63.1 50.1 75.1
63 34.2 27.5 41.3





#7

Phenol-d6

Concen: 102.214 ng

RT: 6.457 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF133573.D

Acq: 05 Jun 2023 19:09

Instrument :

BNA_F

ClientSampleId :

TP-15-0A

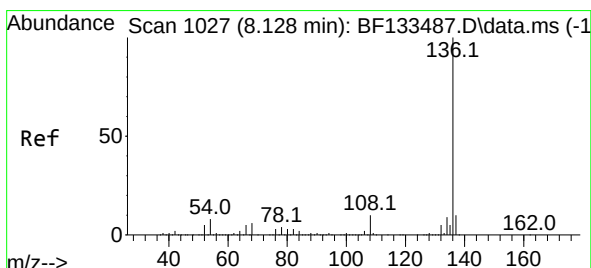
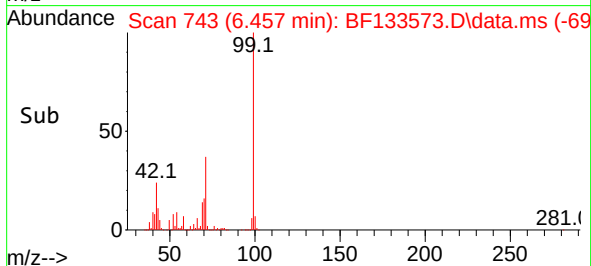
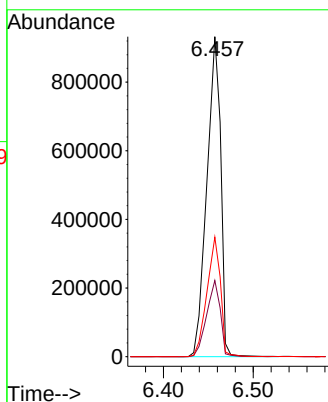
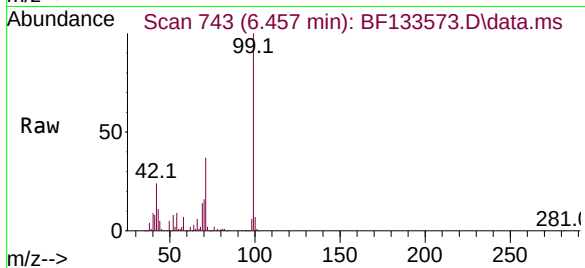
Tgt Ion: 99 Resp: 997864

Ion Ratio Lower Upper

99 100

42 23.8 19.7 29.5

71 37.3 29.8 44.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 1025

Delta R.T. 0.000 min

Lab File: BF133573.D

Acq: 05 Jun 2023 19:09

Tgt Ion:136 Resp: 485686

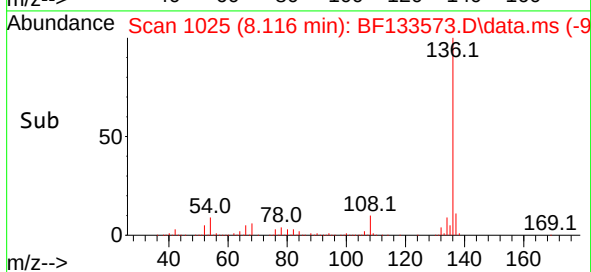
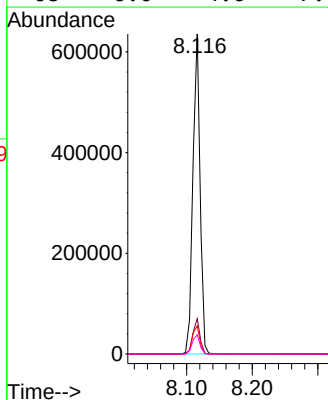
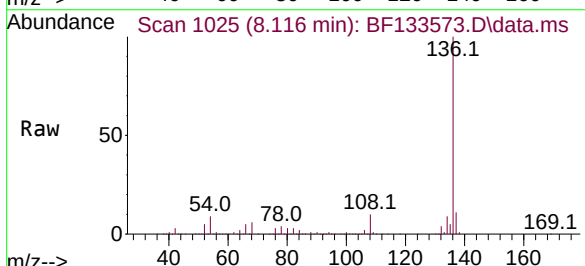
Ion Ratio Lower Upper

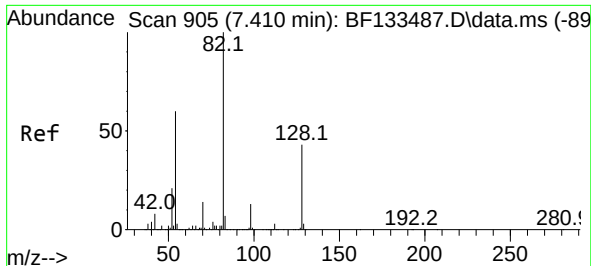
136 100

137 11.0 8.2 12.4

54 8.8 6.6 10.0

68 6.0 4.6 7.0





#23

Nitrobenzene-d5

Concen: 84.650 ng

RT: 7.398 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF133573.D

Acq: 05 Jun 2023 19:09

Instrument :

BNA_F

ClientSampleId :

TP-15-0A

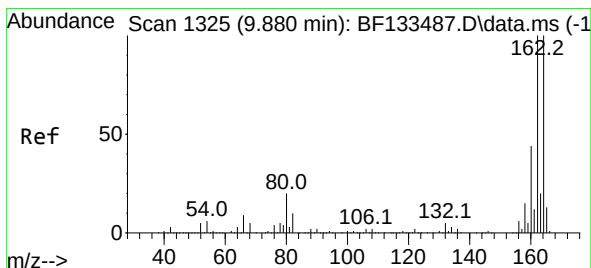
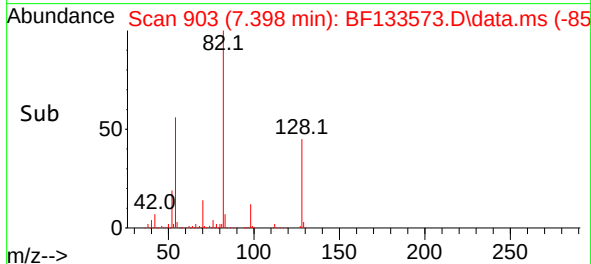
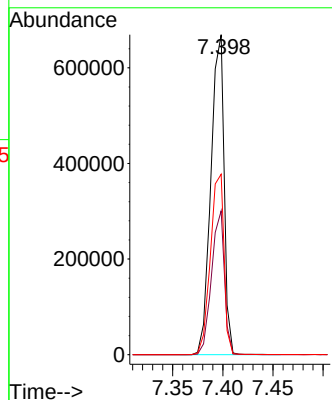
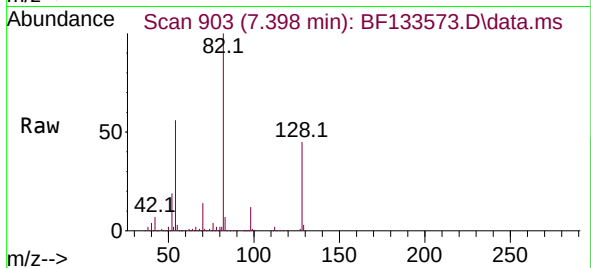
Tgt Ion: 82 Resp: 615759

Ion Ratio Lower Upper

82 100

128 45.0 34.2 51.4

54 56.4 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF133573.D

Acq: 05 Jun 2023 19:09

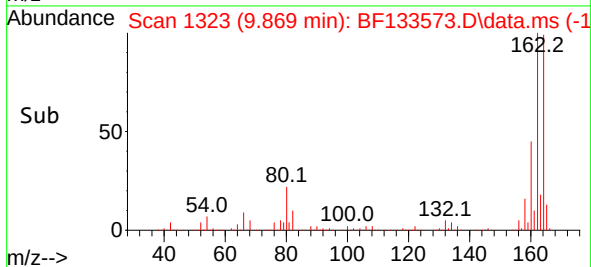
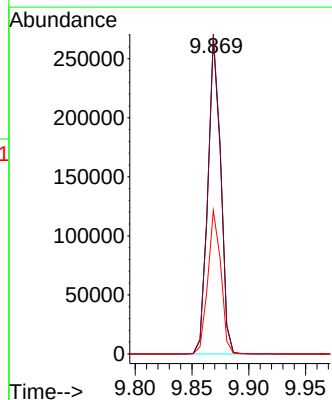
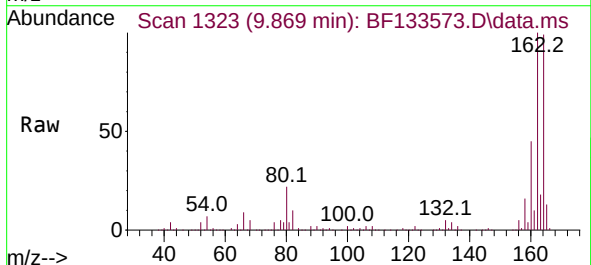
Tgt Ion:164 Resp: 209460

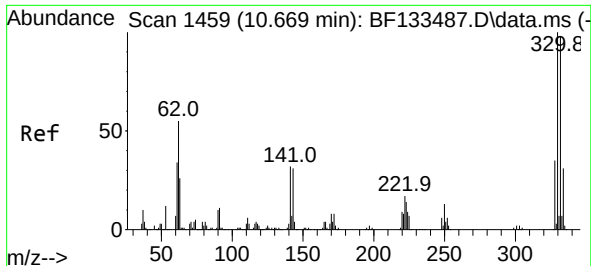
Ion Ratio Lower Upper

164 100

162 101.3 79.7 119.5

160 45.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 109.128 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF133573.D

Acq: 05 Jun 2023 19:09

Instrument :

BNA_F

ClientSampleId :

TP-15-0A

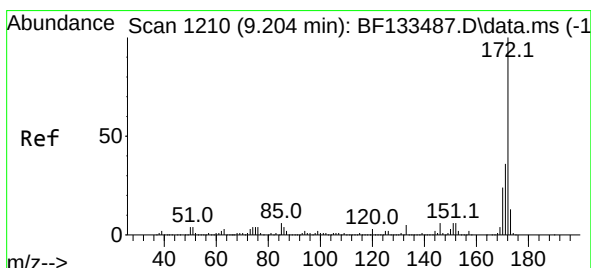
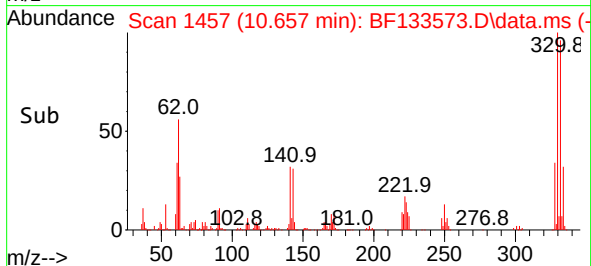
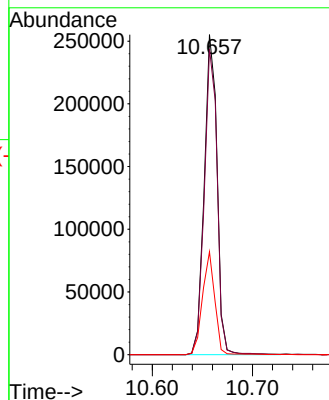
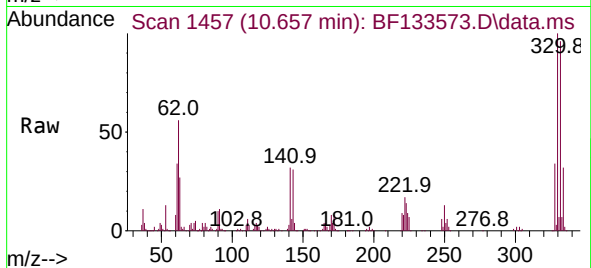
Tgt Ion:330 Resp: 227851

Ion Ratio Lower Upper

330 100

332 95.9 77.8 116.6

141 30.9 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 75.536 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF133573.D

Acq: 05 Jun 2023 19:09

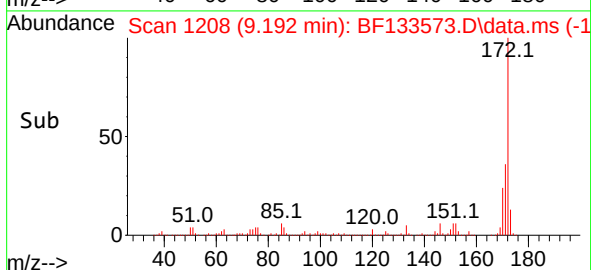
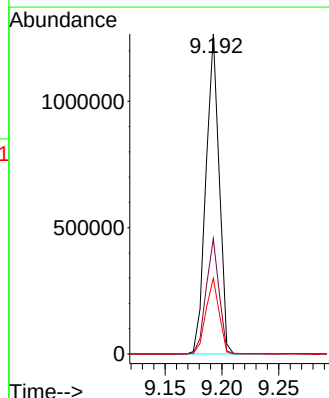
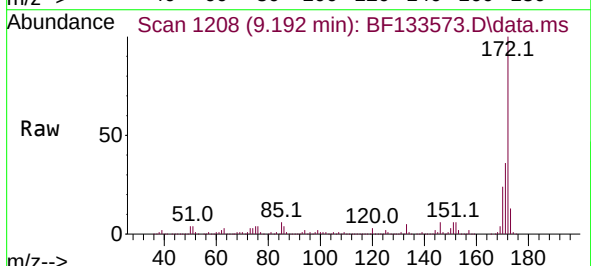
Tgt Ion:172 Resp: 1025103

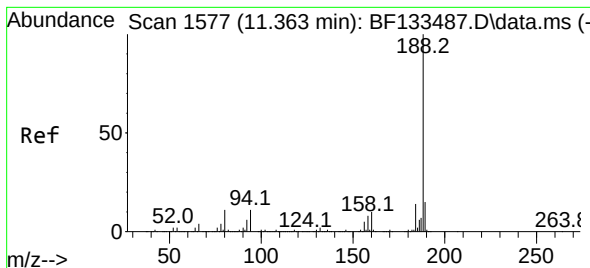
Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 23.7 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133573.D

Acq: 05 Jun 2023 19:09

Instrument :

BNA_F

ClientSampleId :

TP-15-0A

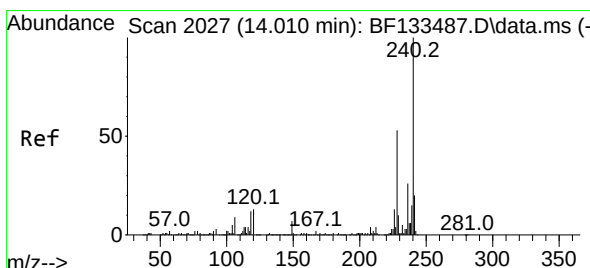
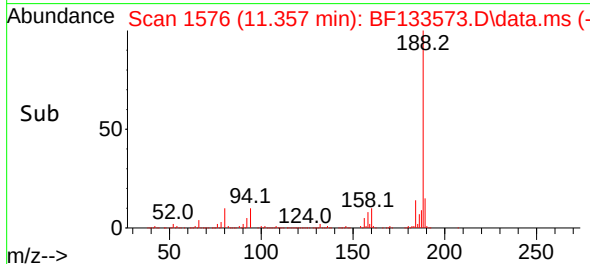
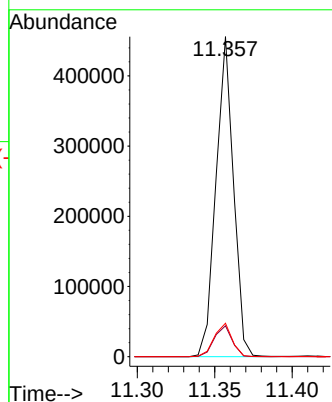
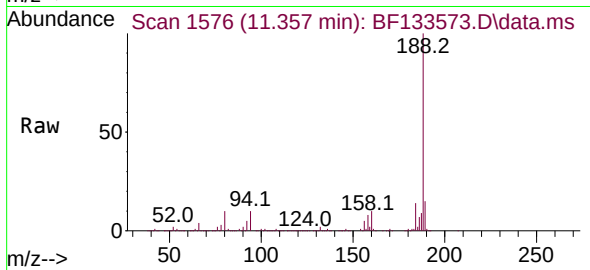
Tgt Ion:188 Resp: 357886

Ion Ratio Lower Upper

188 100

94 9.6 8.6 12.8

80 10.5 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF133573.D

Acq: 05 Jun 2023 19:09

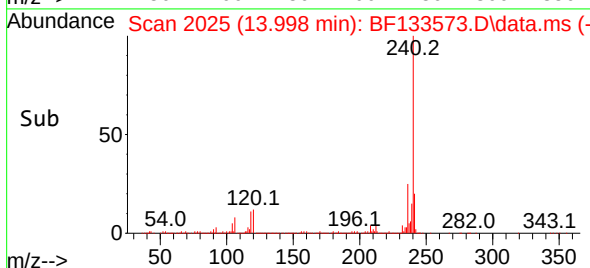
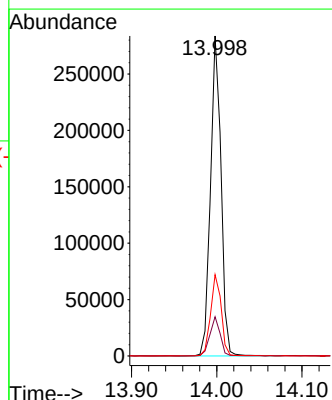
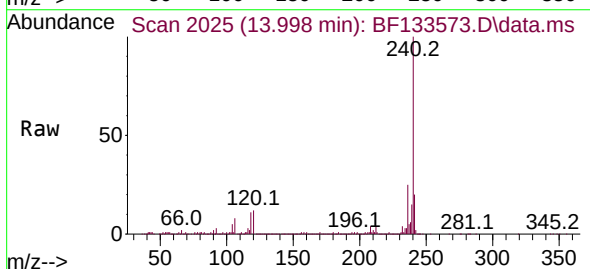
Tgt Ion:240 Resp: 243675

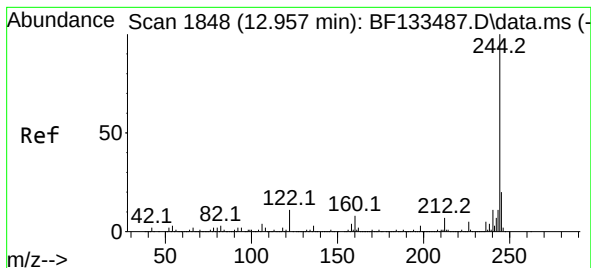
Ion Ratio Lower Upper

240 100

120 12.3 10.3 15.5

236 25.4 20.5 30.7





#79

Terphenyl-d14

Concen: 70.979 ng

RT: 12.945 min Scan# 1846

Delta R.T. 0.000 min

Lab File: BF133573.D

Acq: 05 Jun 2023 19:09

Instrument :

BNA_F

ClientSampleId :

TP-15-0A

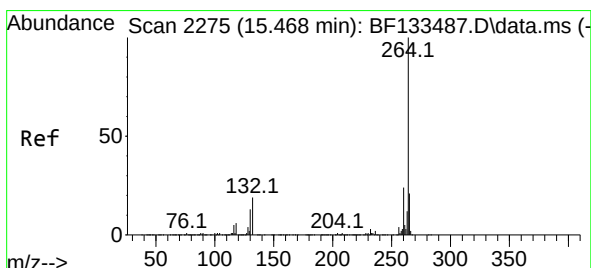
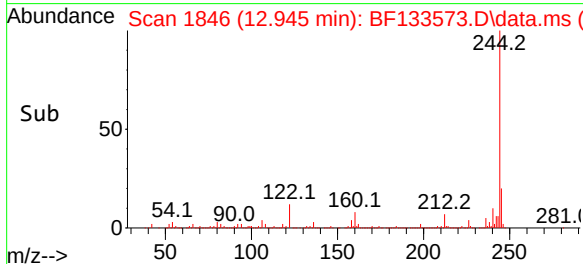
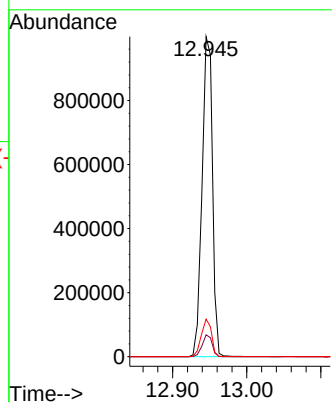
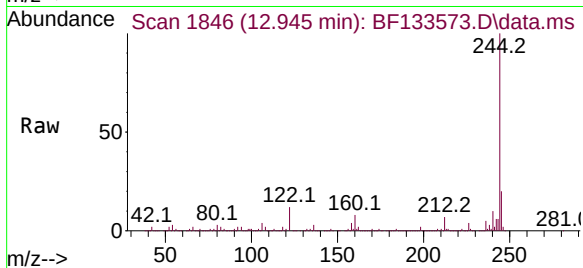
Tgt Ion:244 Resp: 972783

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 11.7 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.000 min

Lab File: BF133573.D

Acq: 05 Jun 2023 19:09

Tgt Ion:264 Resp: 192927

Ion Ratio Lower Upper

264 100

260 21.8 19.0 28.4

265 21.4 16.8 25.2

