

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
 Data File : BF133593.D
 Acq On : 06 Jun 2023 15:59
 Operator : CG\JU
 Sample : 02983-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC18

Quant Time: Jun 06 16:20:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 14:05:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	148761	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	537427	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	233275	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	371500	20.000	ng	0.00
76) Chrysene-d12	14.004	240	220869	20.000	ng	0.00
86) Perylene-d12	15.468	264	176475	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	670986	75.256	ng	0.00
7) Phenol-d6	6.463	99	796543	72.573	ng	0.00
23) Nitrobenzene-d5	7.398	82	509521	63.302	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	172905	74.357	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	911695	60.321	ng	0.00
79) Terphenyl-d14	12.951	244	738978	59.487	ng	0.00

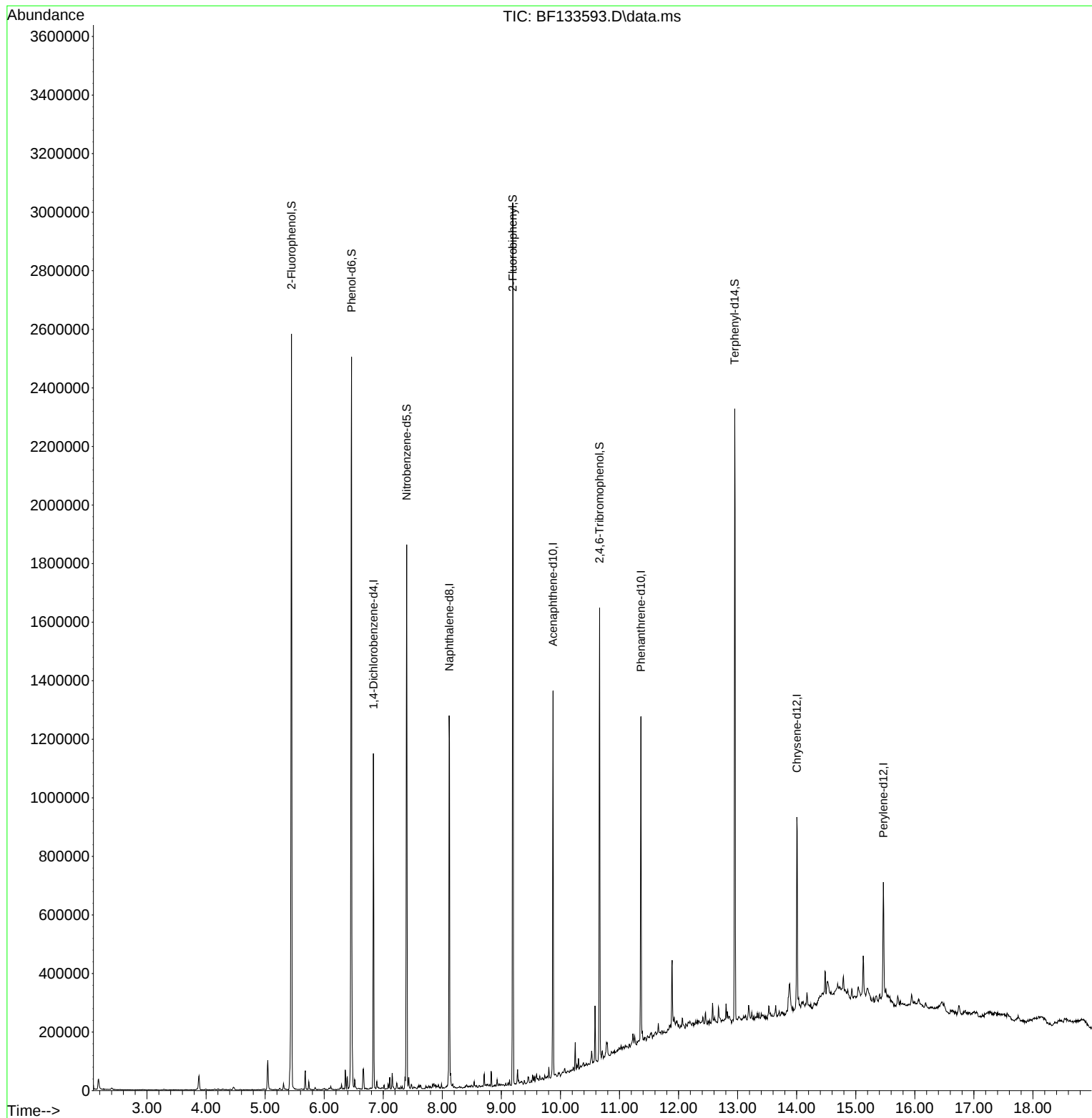
Target Compounds	Qvalue

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

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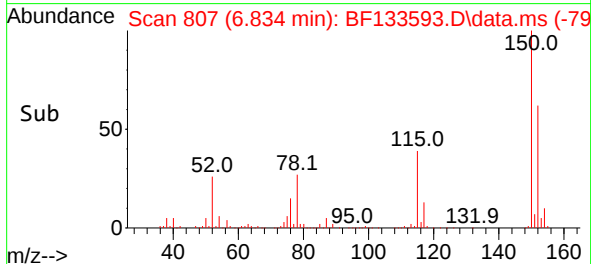
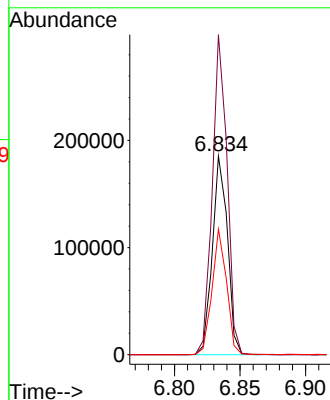
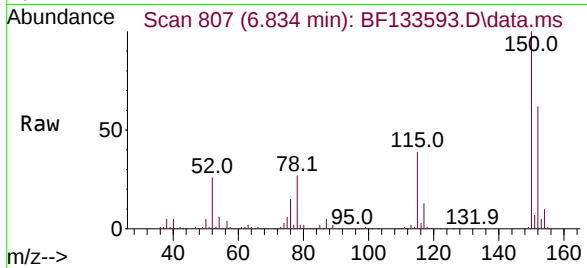




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133593.D
Acq: 06 Jun 2023 15:59

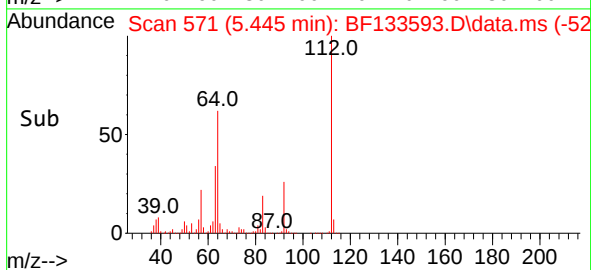
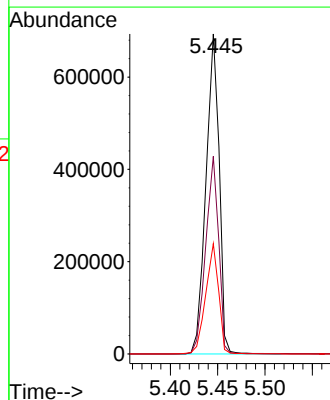
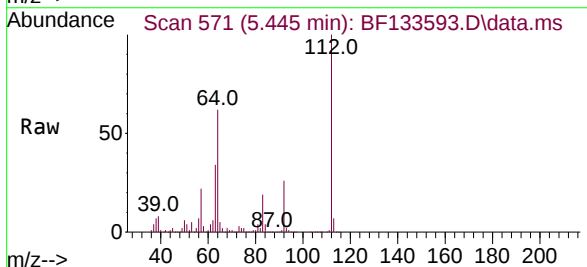
Instrument :
BNA_F
ClientSampleId :
WC18

Tgt Ion:152 Resp: 148761
Ion Ratio Lower Upper
152 100
150 161.2 124.9 187.3
115 63.2 48.1 72.1



#5
2-Fluorophenol
Concen: 75.256 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF133593.D
Acq: 06 Jun 2023 15:59

Tgt Ion:112 Resp: 670986
Ion Ratio Lower Upper
112 100
64 61.8 50.1 75.1
63 34.5 27.5 41.3

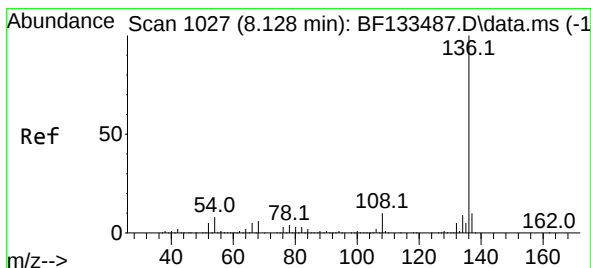
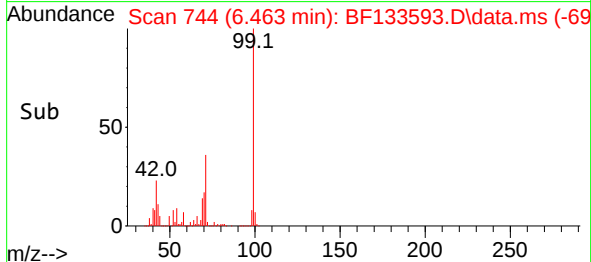
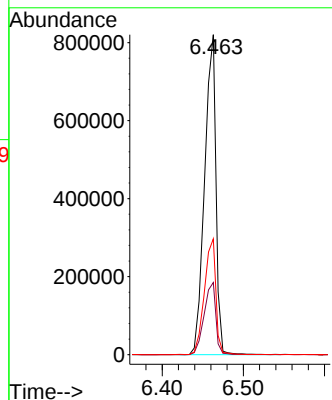
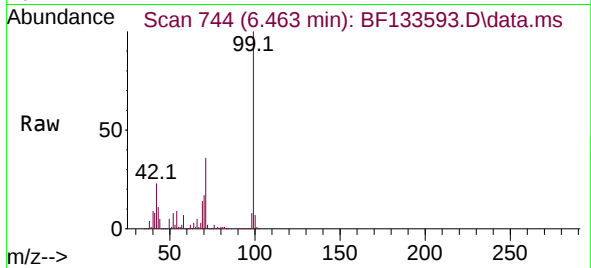




#7
Phenol-d6
Concen: 72.573 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133593.D
Acq: 06 Jun 2023 15:59

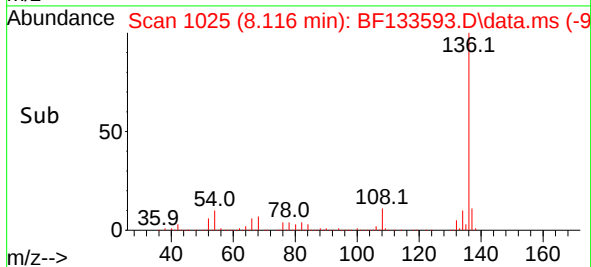
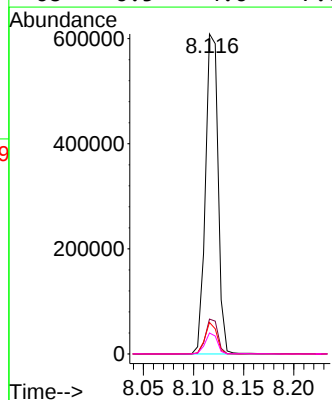
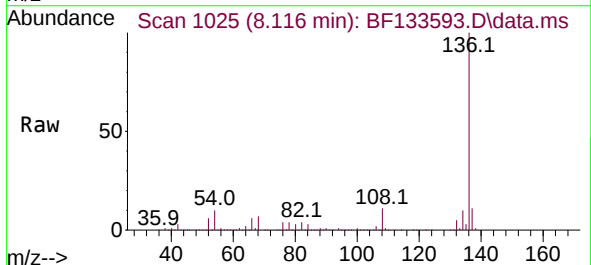
Instrument :
BNA_F
ClientSampleId :
WC18

Tgt Ion: 99 Resp: 796543
Ion Ratio Lower Upper
99 100
42 22.5 19.7 29.5
71 36.2 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133593.D
Acq: 06 Jun 2023 15:59

Tgt Ion: 136 Resp: 537427
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.4
54 9.9 6.6 10.0
68 6.5 4.6 7.0





#23

Nitrobenzene-d5

Concen: 63.302 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133593.D

Acq: 06 Jun 2023 15:59

Instrument :

BNA_F

ClientSampleId :

WC18

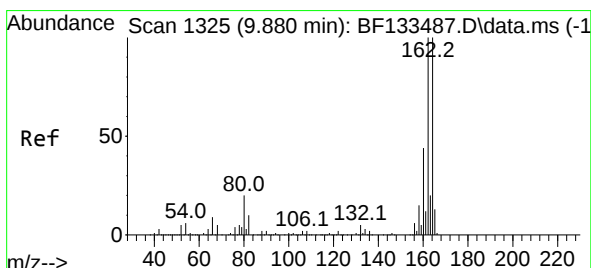
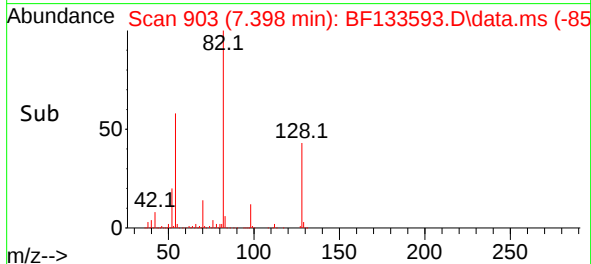
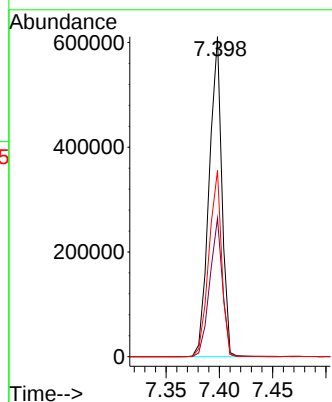
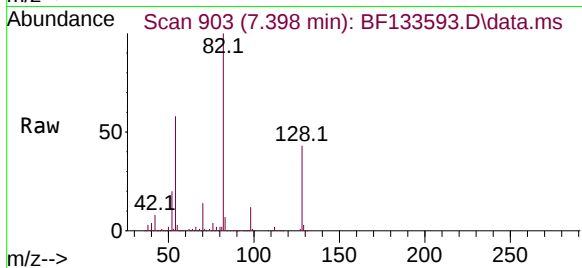
Tgt Ion: 82 Resp: 509521

Ion Ratio Lower Upper

82 100

128 43.3 34.2 51.4

54 58.2 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF133593.D

Acq: 06 Jun 2023 15:59

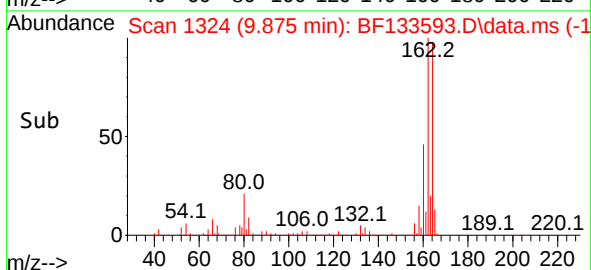
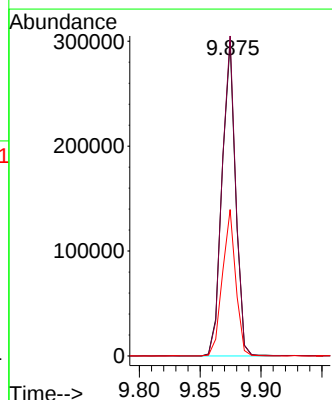
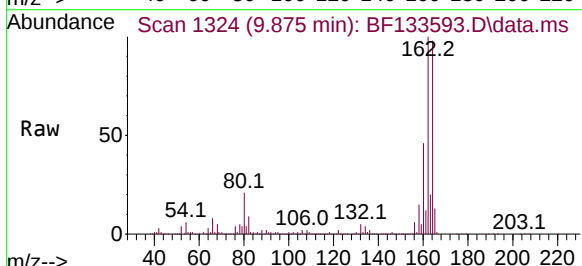
Tgt Ion:164 Resp: 233275

Ion Ratio Lower Upper

164 100

162 102.0 79.7 119.5

160 46.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 74.357 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133593.D

Acq: 06 Jun 2023 15:59

Instrument :

BNA_F

ClientSampleId :

WC18

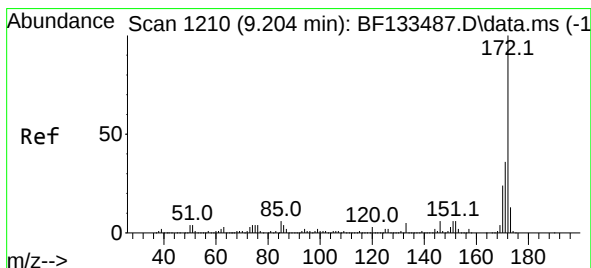
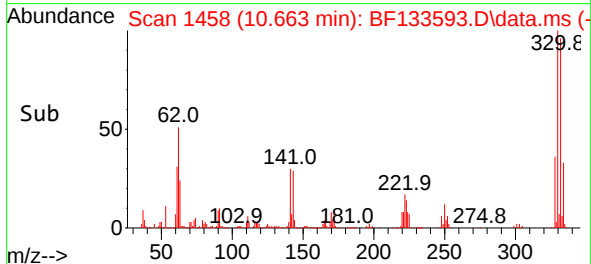
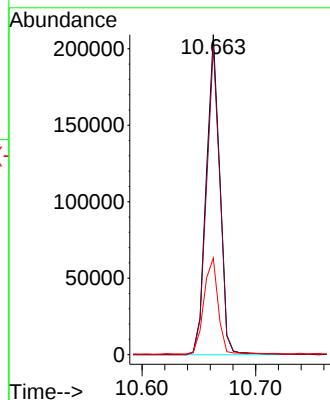
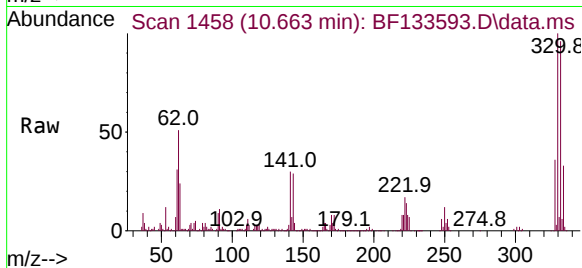
Tgt Ion:330 Resp: 172905

Ion Ratio Lower Upper

330 100

332 95.9 77.8 116.6

141 31.1 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 60.321 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133593.D

Acq: 06 Jun 2023 15:59

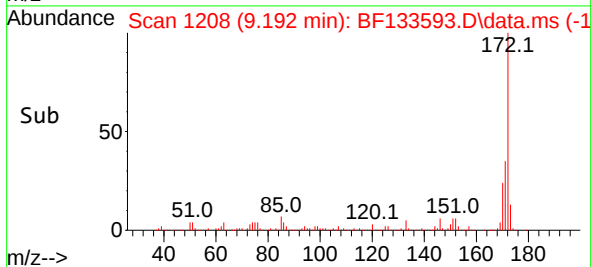
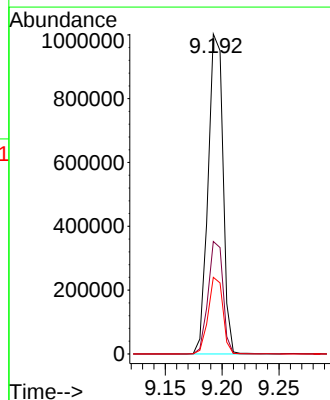
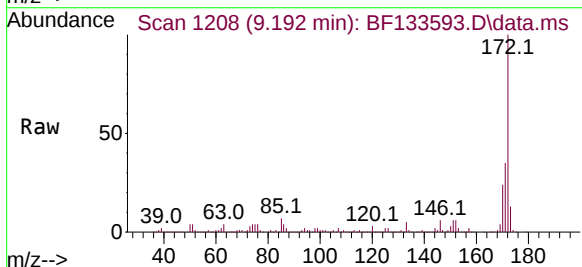
Tgt Ion:172 Resp: 911695

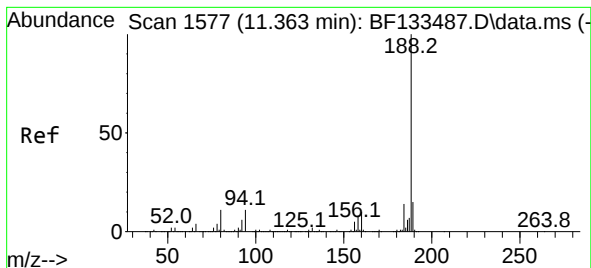
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 24.0 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133593.D

Acq: 06 Jun 2023 15:59

Instrument :

BNA_F

ClientSampleId :

WC18

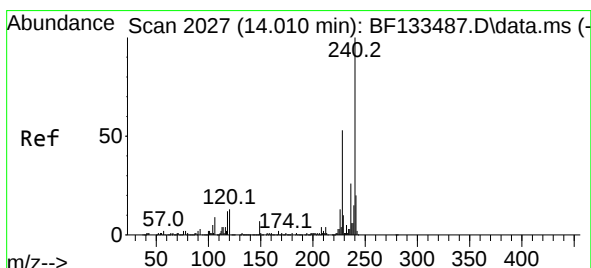
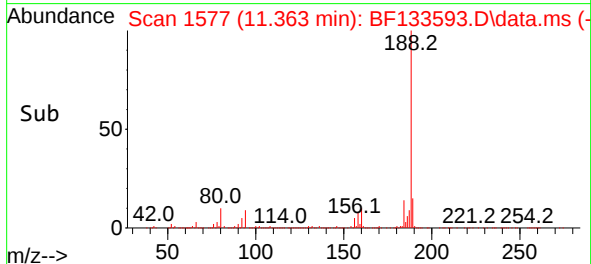
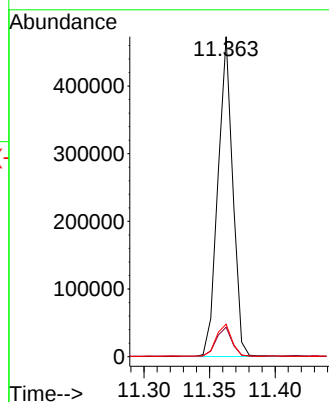
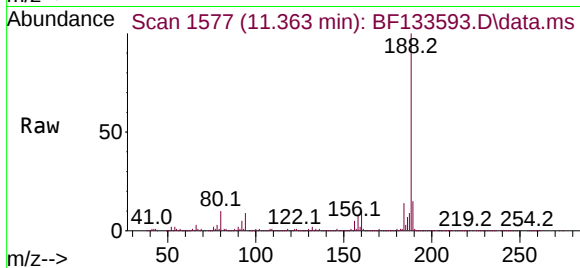
Tgt Ion:188 Resp: 371500

Ion Ratio Lower Upper

188 100

94 9.2 8.6 12.8

80 10.1 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF133593.D

Acq: 06 Jun 2023 15:59

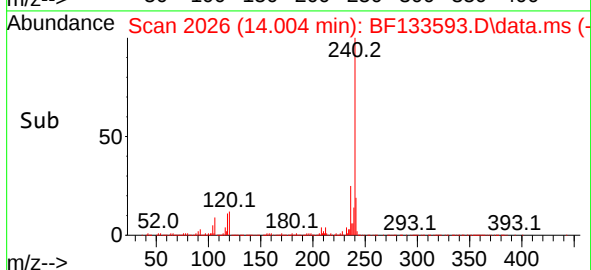
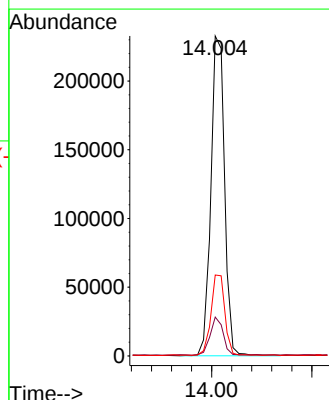
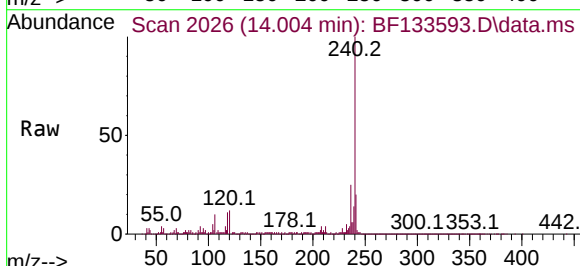
Tgt Ion:240 Resp: 220869

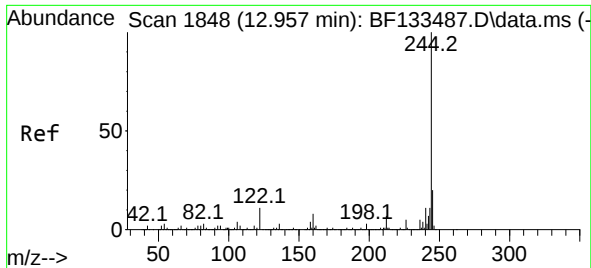
Ion Ratio Lower Upper

240 100

120 12.2 10.3 15.5

236 25.3 20.5 30.7

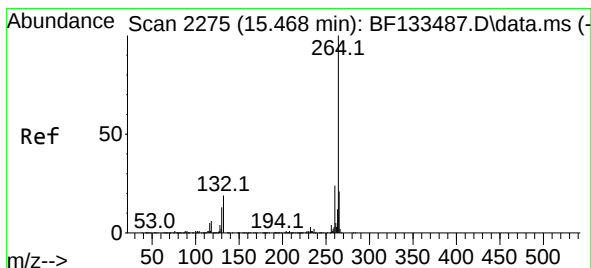
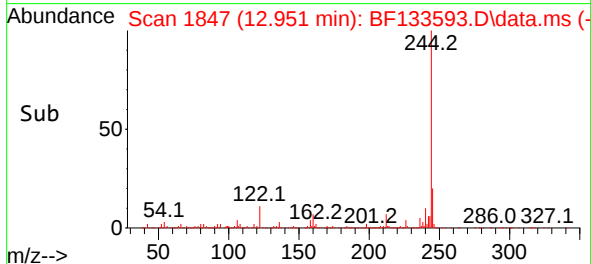
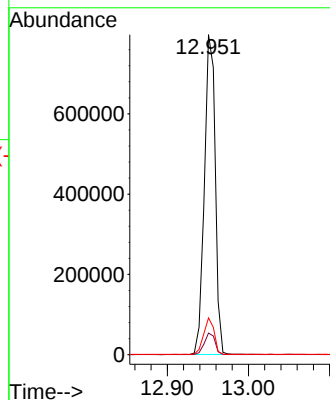
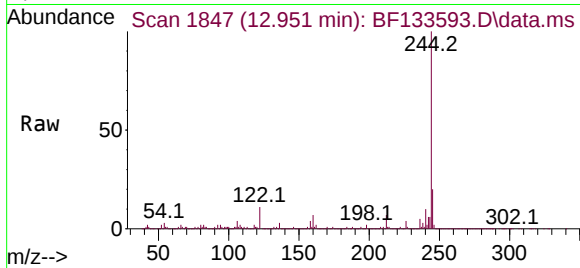




#79
Terphenyl-d14
Concen: 59.487 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF133593.D
Acq: 06 Jun 2023 15:59

Instrument :
BNA_F
ClientSampleId :
WC18

Tgt Ion:244 Resp: 738978
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 11.5 8.5 12.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF133593.D
Acq: 06 Jun 2023 15:59

Tgt Ion:264 Resp: 176475
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.4
265 22.5 16.8 25.2

