

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
 Data File : BF133981.D
 Acq On : 27 Jun 2023 09:03
 Operator : CG\JU
 Sample : 03336-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6

Quant Time: Jun 27 09:22:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	122742	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	375235	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	159406	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	279447	20.000	ng	0.00
76) Chrysene-d12	14.039	240	182926	20.000	ng	0.00
86) Perylene-d12	15.545	264	140363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	650346	88.631	ng	0.02
7) Phenol-d6	6.487	99	777993	86.215	ng	0.00
23) Nitrobenzene-d5	7.416	82	594886	85.460	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	194541	97.337	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	865497	78.939	ng	0.00
79) Terphenyl-d14	12.980	244	908065	79.893	ng	0.00

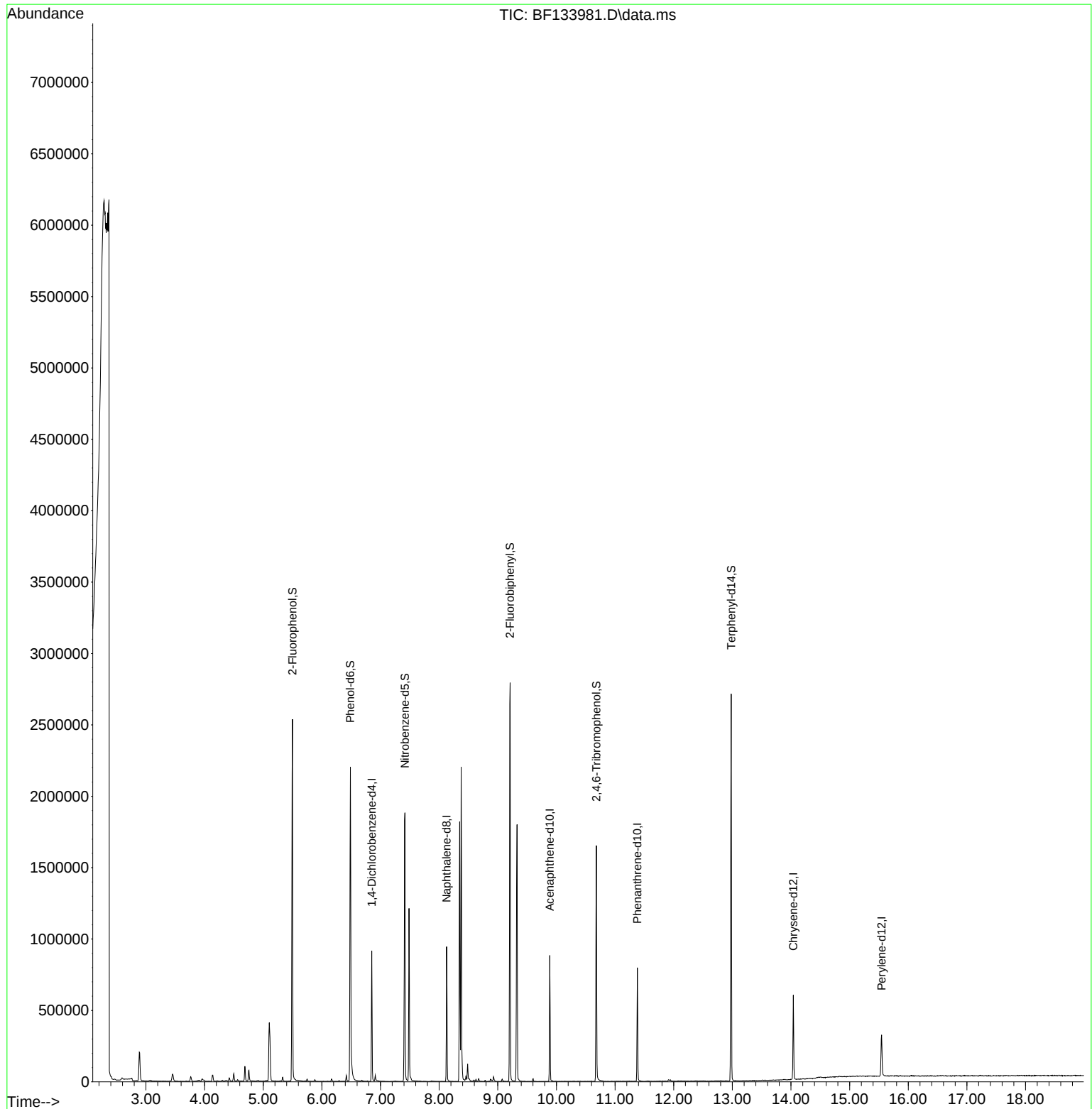
Target Compounds	Qvalue

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

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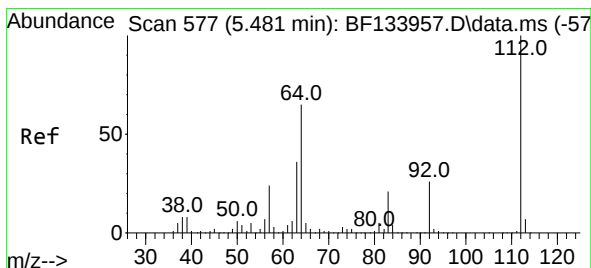
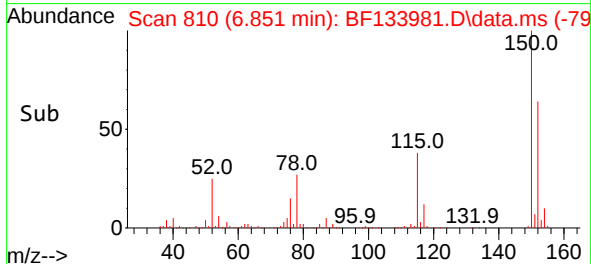
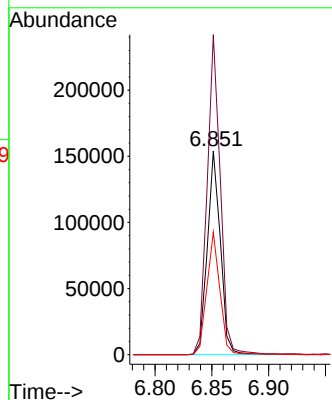
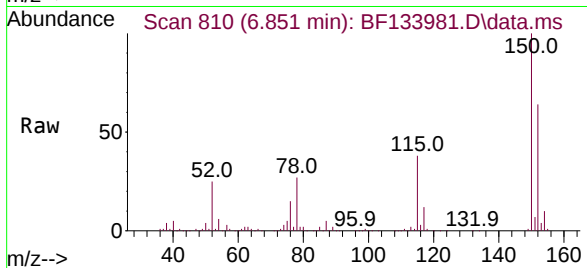




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133981.D
Acq: 27 Jun 2023 09:03

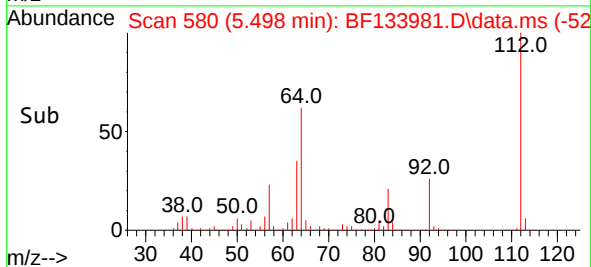
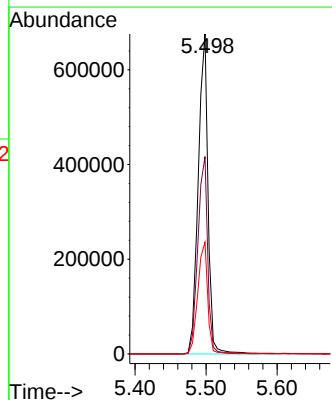
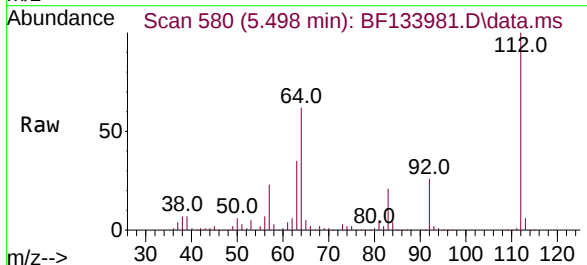
Instrument :
BNA_F
ClientSampleId :
WC-6

Tgt Ion:152 Resp: 122742
Ion Ratio Lower Upper
152 100
150 157.1 124.5 186.7
115 60.2 50.2 75.2



#5
2-Fluorophenol
Concen: 88.631 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF133981.D
Acq: 27 Jun 2023 09:03

Tgt Ion:112 Resp: 650346
Ion Ratio Lower Upper
112 100
64 61.7 52.1 78.1
63 34.9 28.6 42.8

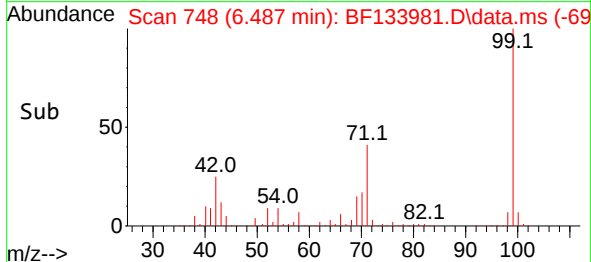
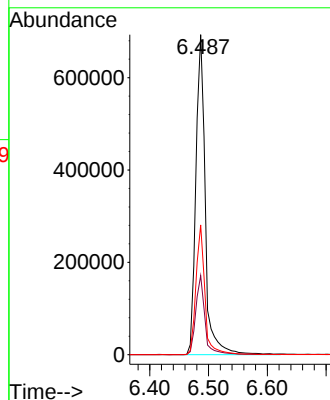
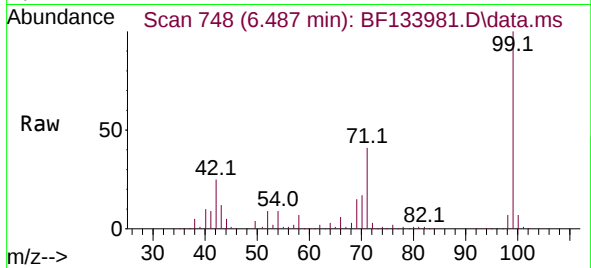




#7
Phenol-d6
Concen: 86.215 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133981.D
Acq: 27 Jun 2023 09:03

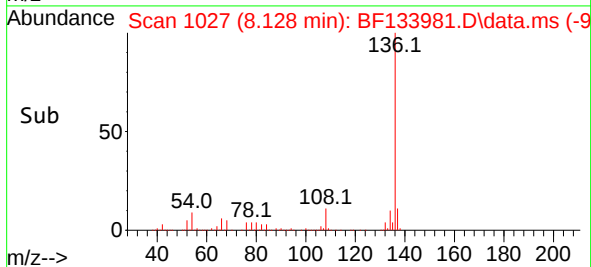
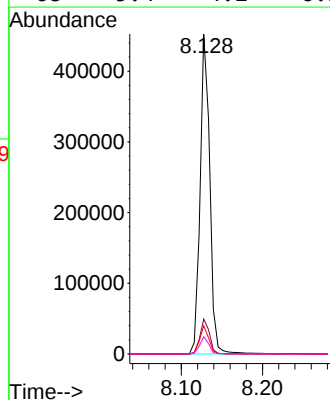
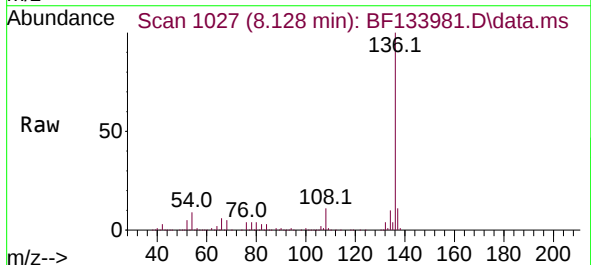
Instrument :
BNA_F
ClientSampleId :
WC-6

Tgt Ion: 99 Resp: 777993
Ion Ratio Lower Upper
99 100
42 24.7 19.8 29.6
71 40.5 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF133981.D
Acq: 27 Jun 2023 09:03

Tgt Ion: 136 Resp: 375235
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.8 6.5 9.7
68 5.4 4.2 6.2





#23

Nitrobenzene-d5

Concen: 85.460 ng

RT: 7.416 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF133981.D

Acq: 27 Jun 2023 09:03

Instrument :

BNA_F

ClientSampleId :

WC-6

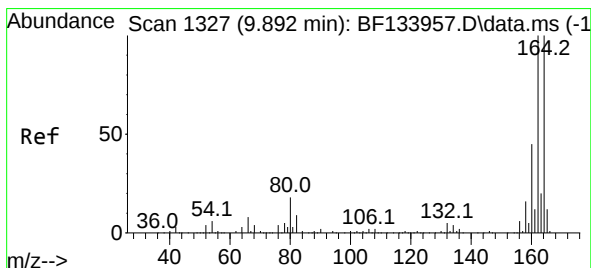
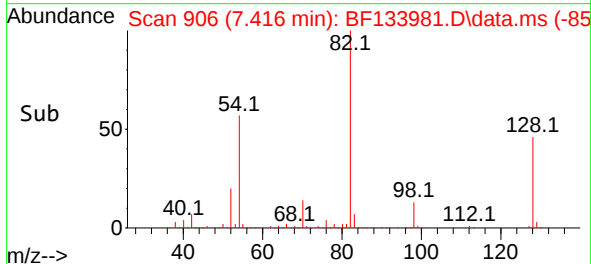
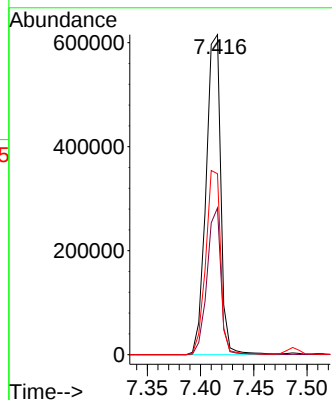
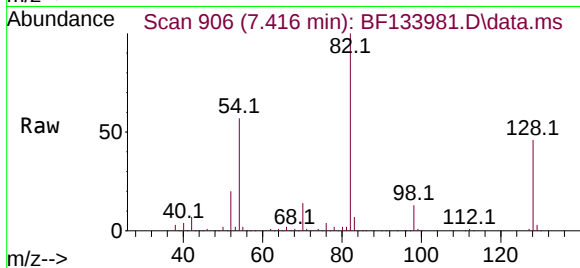
Tgt Ion: 82 Resp: 594886

Ion Ratio Lower Upper

82 100

128 45.9 32.5 48.7

54 56.5 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF133981.D

Acq: 27 Jun 2023 09:03

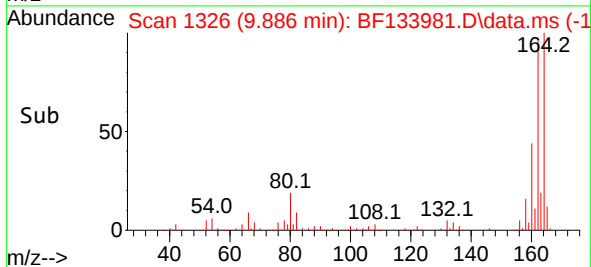
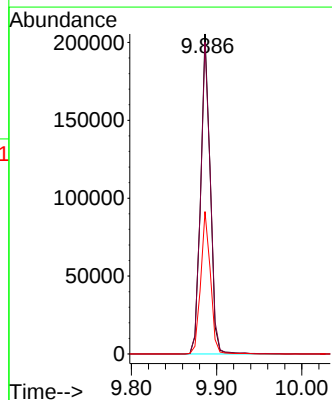
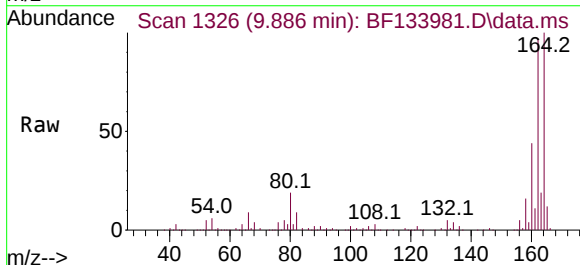
Tgt Ion:164 Resp: 159406

Ion Ratio Lower Upper

164 100

162 97.4 80.0 120.0

160 44.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 97.337 ng

RT: 10.680 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF133981.D

Acq: 27 Jun 2023 09:03

Instrument :

BNA_F

ClientSampleId :

WC-6

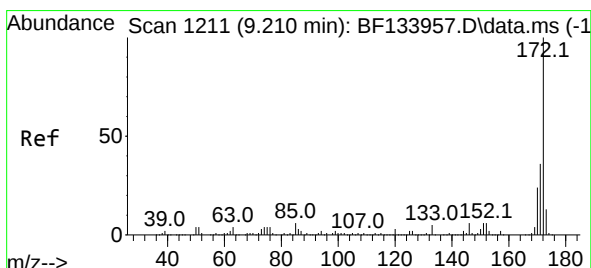
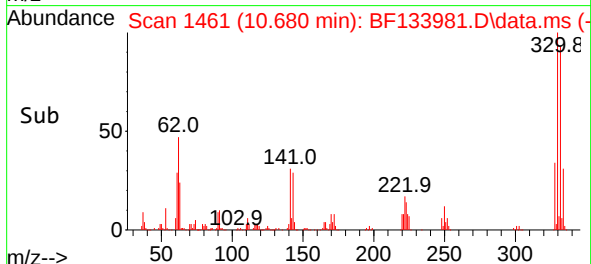
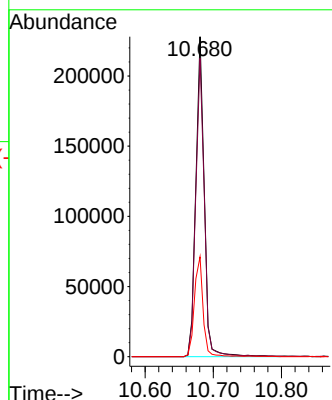
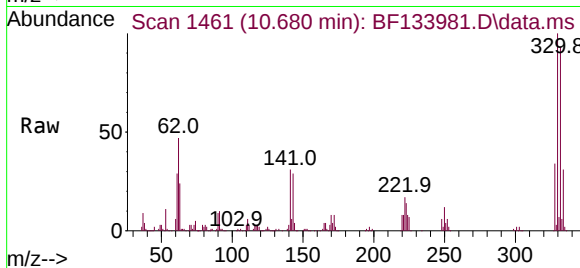
Tgt Ion:330 Resp: 194541

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

141 32.0 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 78.939 ng

RT: 9.210 min Scan# 1211

Delta R.T. 0.000 min

Lab File: BF133981.D

Acq: 27 Jun 2023 09:03

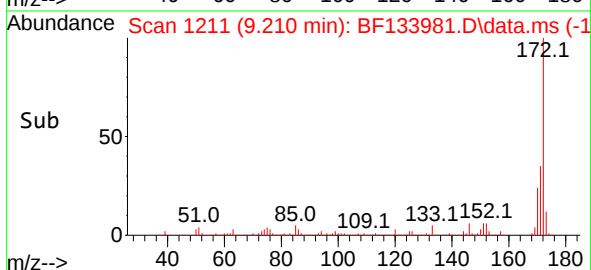
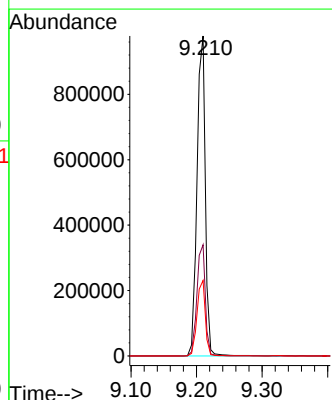
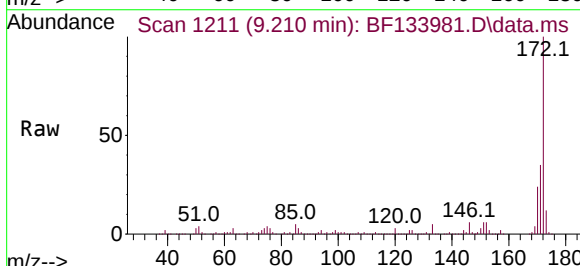
Tgt Ion:172 Resp: 865497

Ion Ratio Lower Upper

172 100

171 34.7 28.6 43.0

170 23.6 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133981.D

Acq: 27 Jun 2023 09:03

Instrument :

BNA_F

ClientSampleId :

WC-6

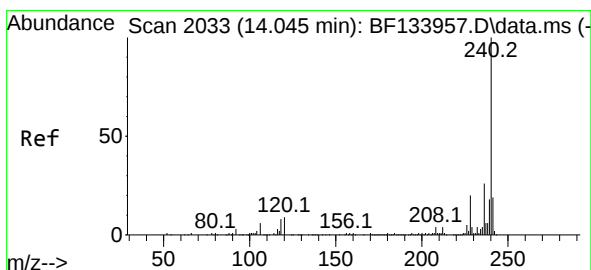
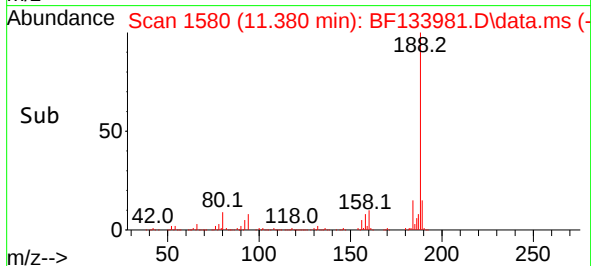
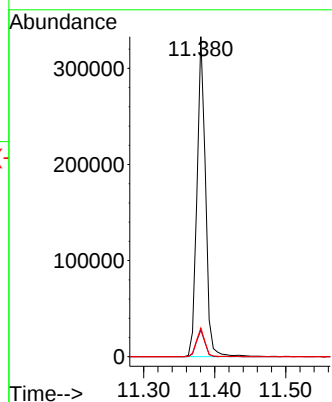
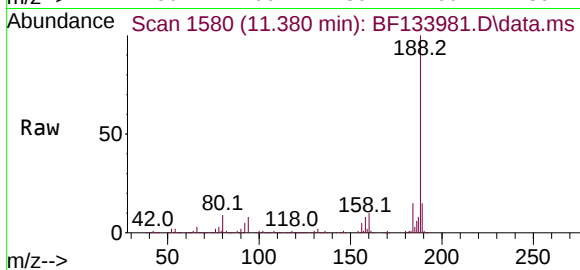
Tgt Ion:188 Resp: 279447

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 9.0 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF133981.D

Acq: 27 Jun 2023 09:03

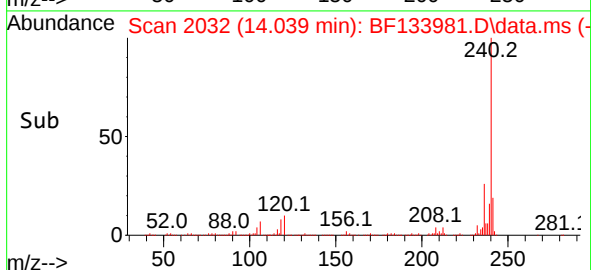
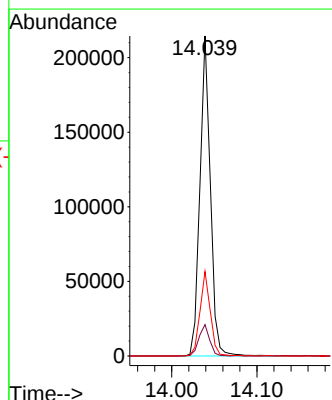
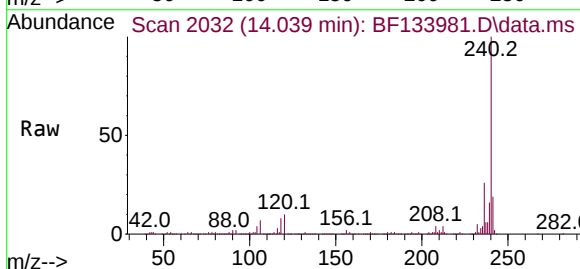
Tgt Ion:240 Resp: 182926

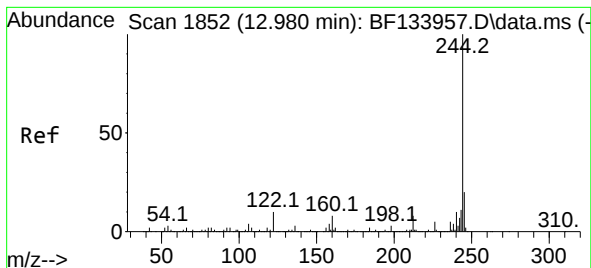
Ion Ratio Lower Upper

240 100

120 9.8 7.4 11.0

236 26.4 21.0 31.6





#79

Terphenyl-d14

Concen: 79.893 ng

RT: 12.980 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133981.D

Acq: 27 Jun 2023 09:03

Instrument :

BNA_F

ClientSampleId :

WC-6

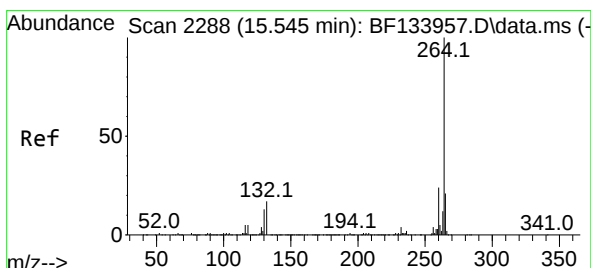
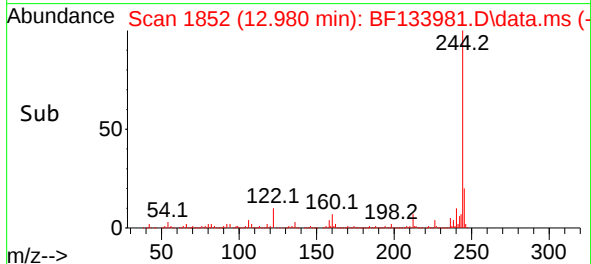
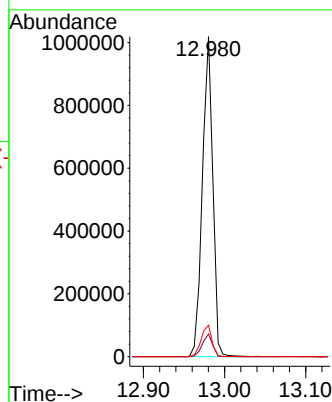
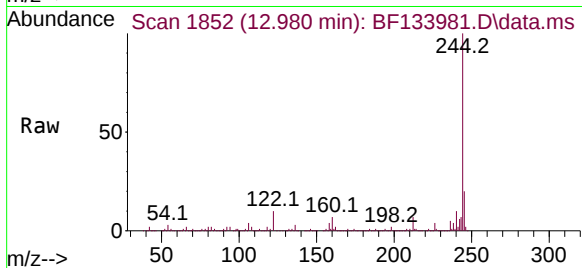
Tgt Ion:244 Resp: 908065

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 9.9 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2288

Delta R.T. 0.000 min

Lab File: BF133981.D

Acq: 27 Jun 2023 09:03

Tgt Ion:264 Resp: 140363

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 22.0 16.6 25.0

