

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101424\
 Data File : BF139791.D
 Acq On : 14 Oct 2024 16:29
 Operator : RC/JU
 Sample : P4375-27
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FENCE-POST-3

Quant Time: Oct 14 16:54:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	101274	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	400172	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	231581	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	446363	20.000	ng	0.00
76) Chrysene-d12	14.027	240	242685	20.000	ng	0.00
86) Perylene-d12	15.498	264	164587	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	473391	81.018	ng	0.00
7) Phenol-d6	6.498	99	666310	84.798	ng	0.00
23) Nitrobenzene-d5	7.422	82	445991	56.427	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	153152	68.508	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	861557	57.114	ng	-0.01
79) Terphenyl-d14	12.969	244	956503	64.671	ng	-0.01

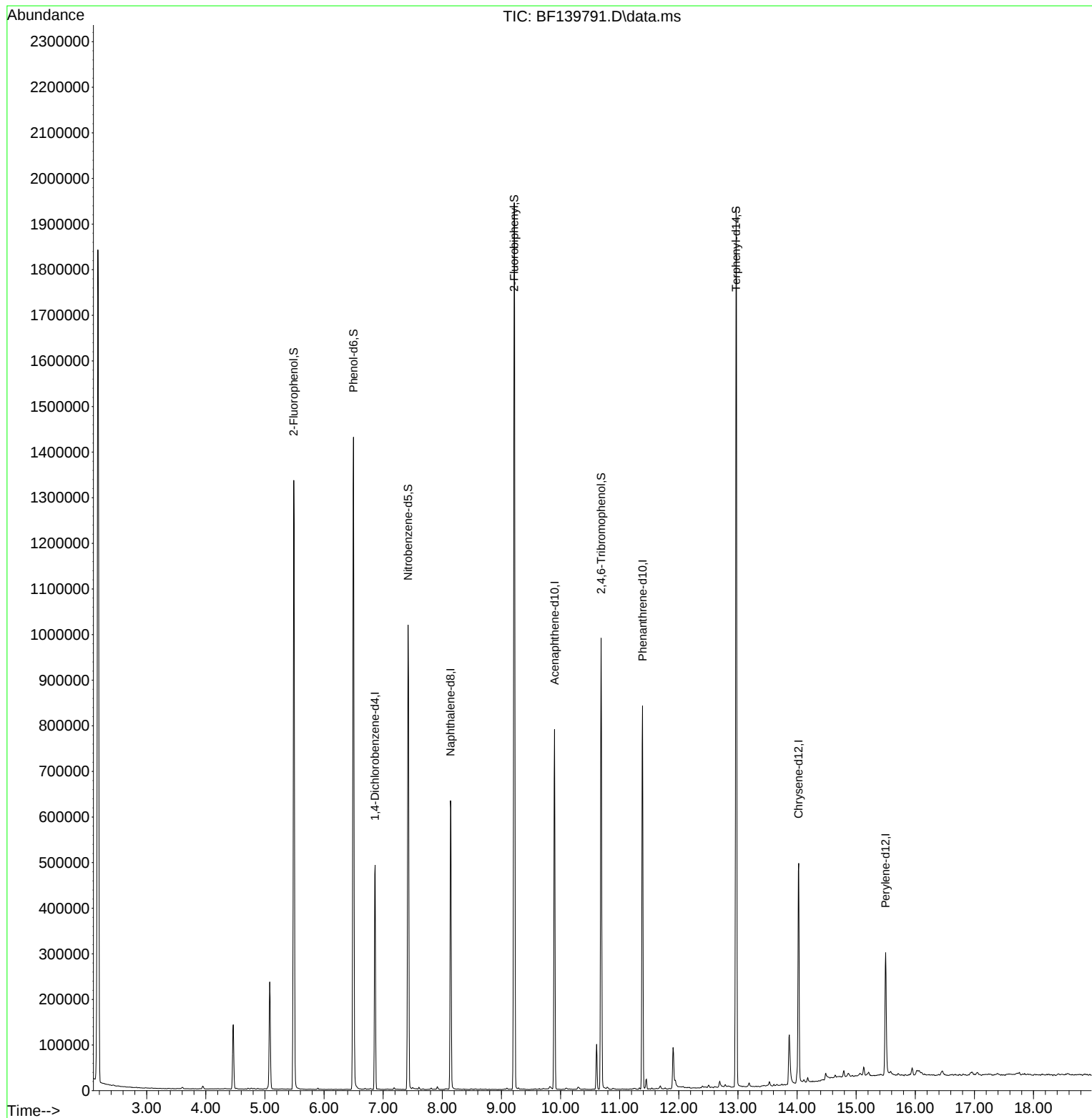
Target Compounds	Qvalue

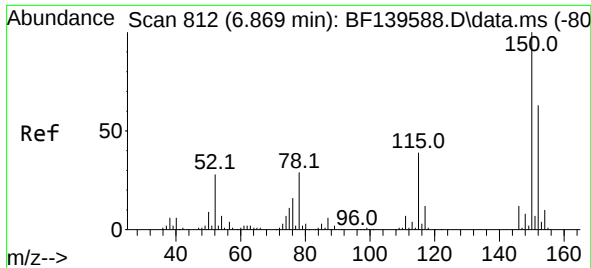
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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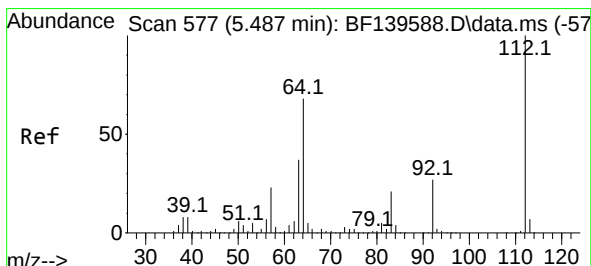
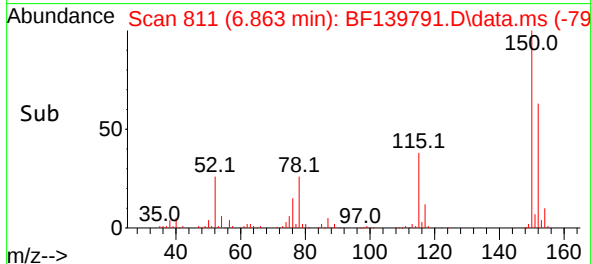
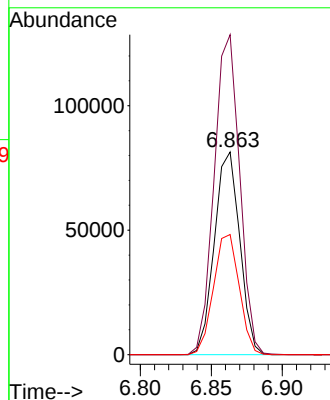
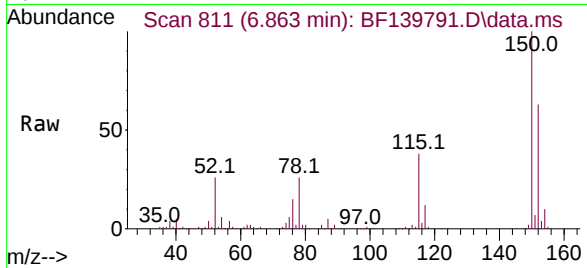




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139791.D
Acq: 14 Oct 2024 16:29

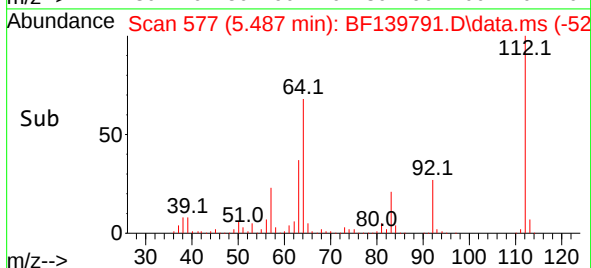
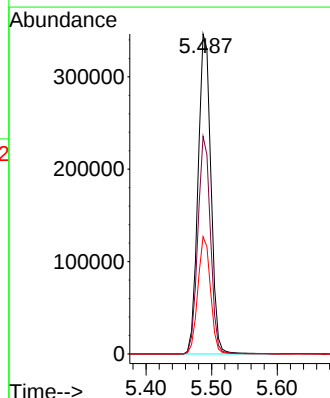
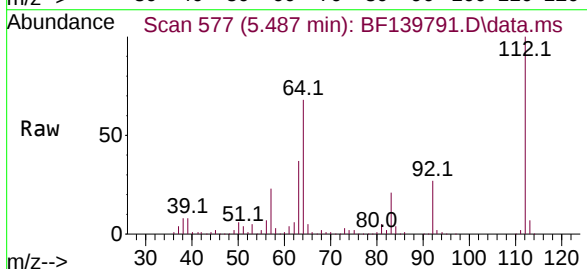
Instrument :
BNA_F
ClientSampleId :
FENCE-POST-3

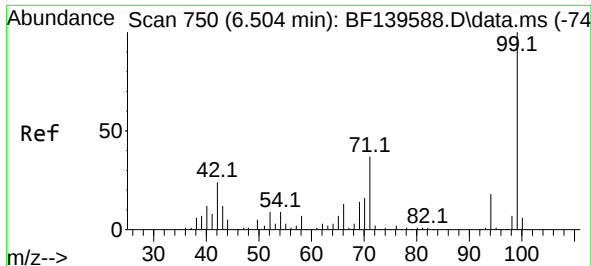
Tgt Ion:152 Resp: 101274
Ion Ratio Lower Upper
152 100
150 157.9 127.2 190.8
115 59.3 49.0 73.4



#5
2-Fluorophenol
Concen: 81.018 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139791.D
Acq: 14 Oct 2024 16:29

Tgt Ion:112 Resp: 473391
Ion Ratio Lower Upper
112 100
64 68.0 54.2 81.4
63 36.7 29.4 44.2

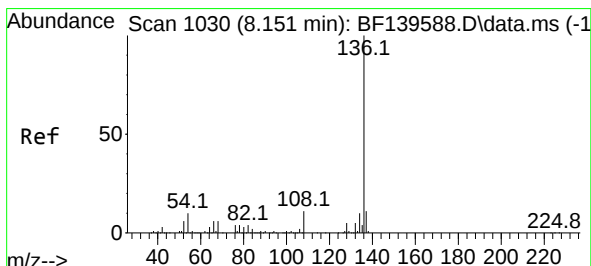
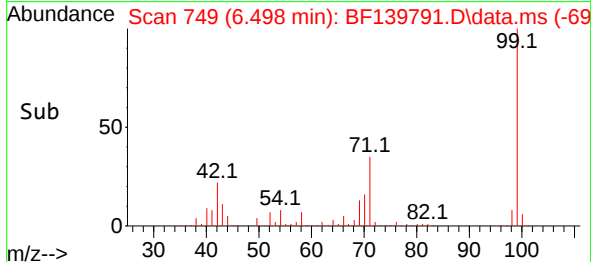
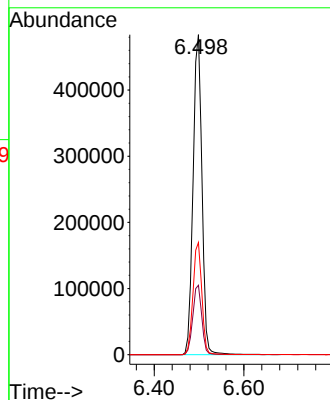
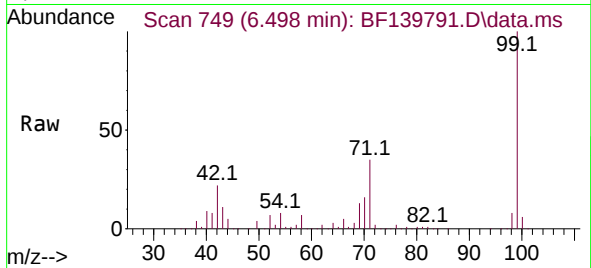




#7
Phenol-d6
Concen: 84.798 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139791.D
Acq: 14 Oct 2024 16:29

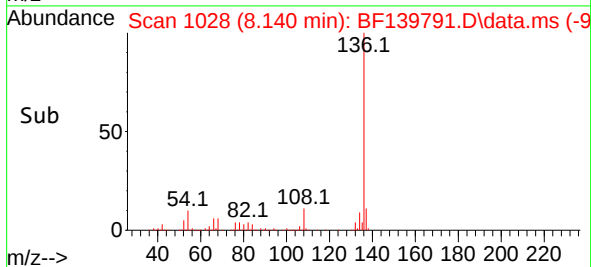
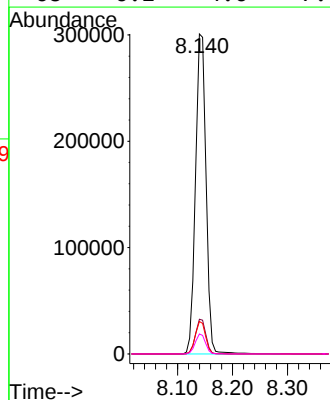
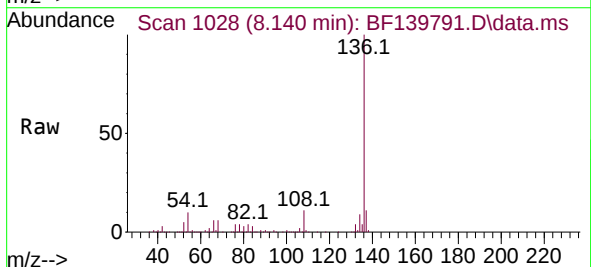
Instrument :
BNA_F
ClientSampleId :
FENCE-POST-3

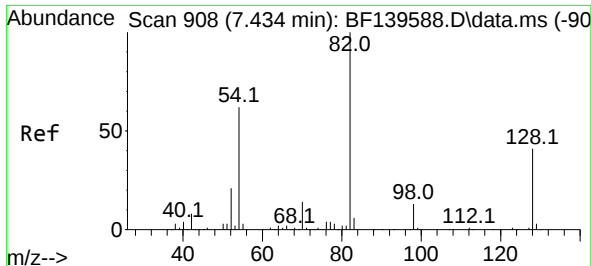
Tgt Ion: 99 Resp: 666310
Ion Ratio Lower Upper
99 100
42 21.7 19.1 28.7
71 35.0 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF139791.D
Acq: 14 Oct 2024 16:29

Tgt Ion: 136 Resp: 400172
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.2 8.3 12.5
68 6.2 4.6 7.0





#23

Nitrobenzene-d5

Concen: 56.427 ng

RT: 7.422 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF139791.D

Acq: 14 Oct 2024 16:29

Instrument :

BNA_F

ClientSampleId :

FENCE-POST-3

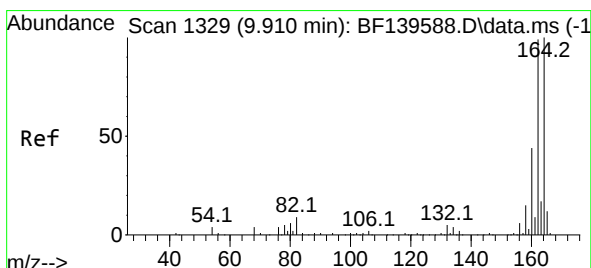
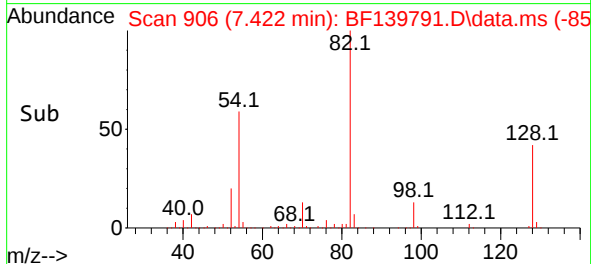
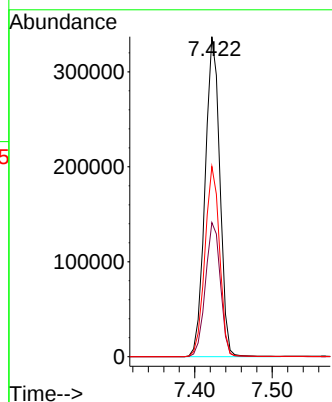
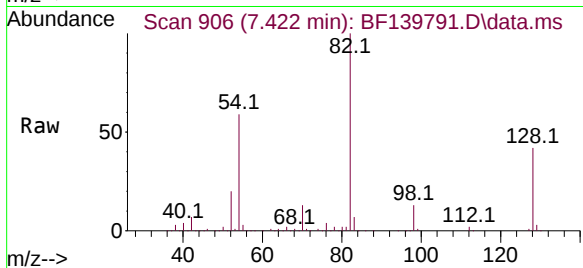
Tgt Ion: 82 Resp: 445991

Ion Ratio Lower Upper

82 100

128 41.9 32.4 48.6

54 59.5 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.012 min

Lab File: BF139791.D

Acq: 14 Oct 2024 16:29

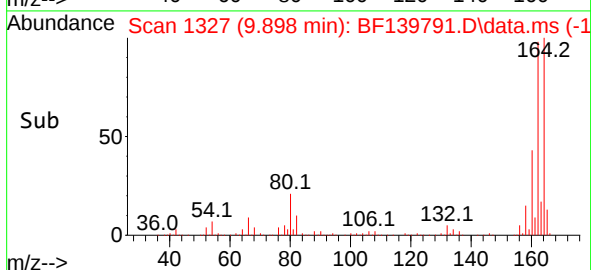
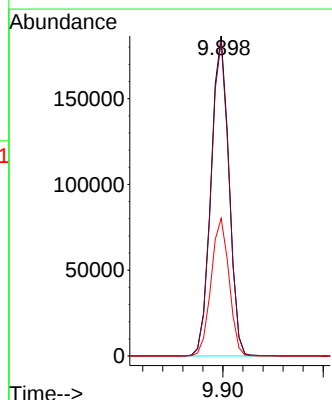
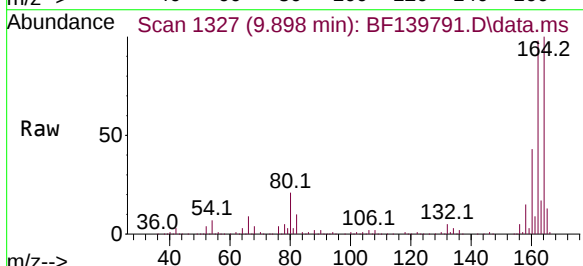
Tgt Ion:164 Resp: 231581

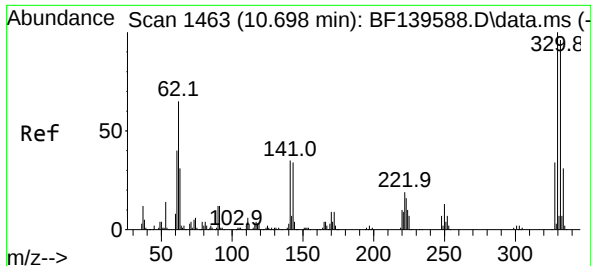
Ion Ratio Lower Upper

164 100

162 98.2 79.4 119.0

160 43.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 68.508 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.012 min

Lab File: BF139791.D

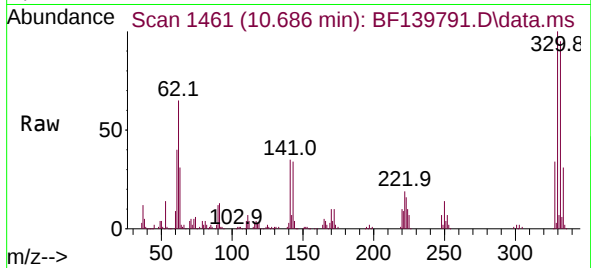
Acq: 14 Oct 2024 16:29

Instrument :

BNA_F

ClientSampleId :

FENCE-POST-3



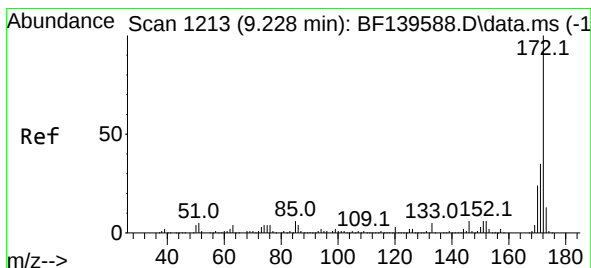
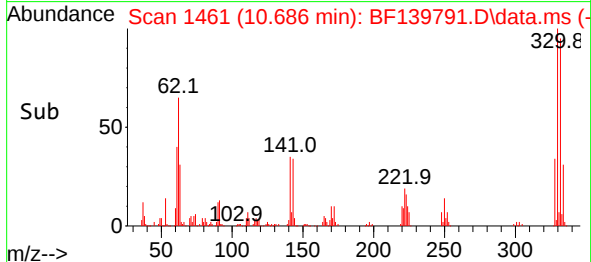
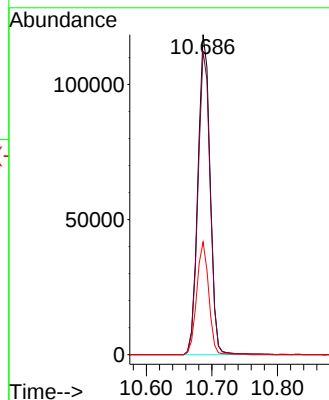
Tgt Ion:330 Resp: 153152

Ion Ratio Lower Upper

330 100

332 95.2 76.5 114.7

141 34.6 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 57.114 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.012 min

Lab File: BF139791.D

Acq: 14 Oct 2024 16:29

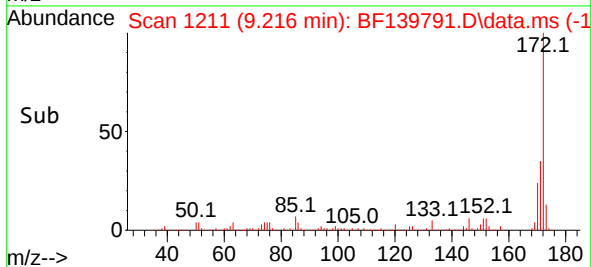
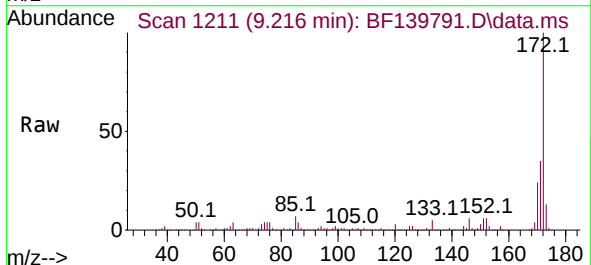
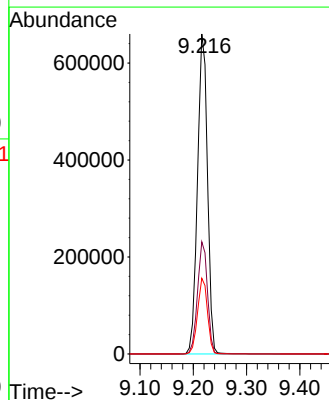
Tgt Ion:172 Resp: 861557

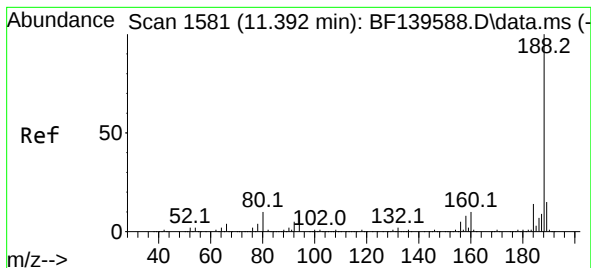
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.7 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139791.D

Acq: 14 Oct 2024 16:29

Instrument :

BNA_F

ClientSampleId :

FENCE-POST-3

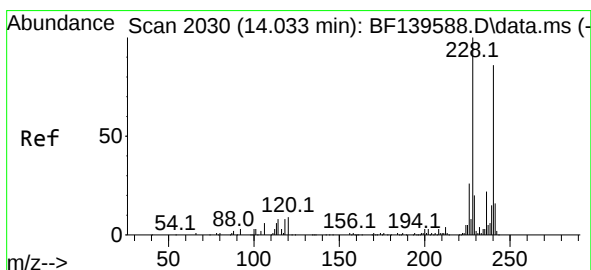
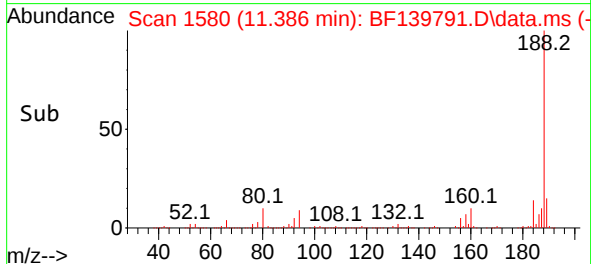
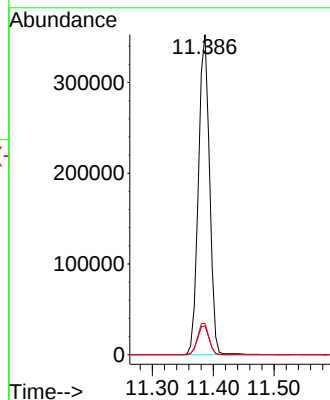
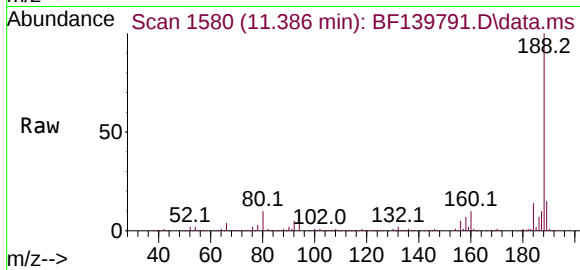
Tgt Ion:188 Resp: 446363

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 9.8 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139791.D

Acq: 14 Oct 2024 16:29

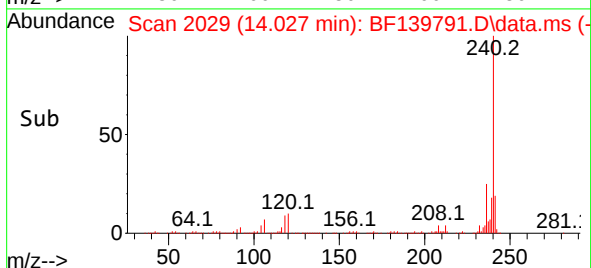
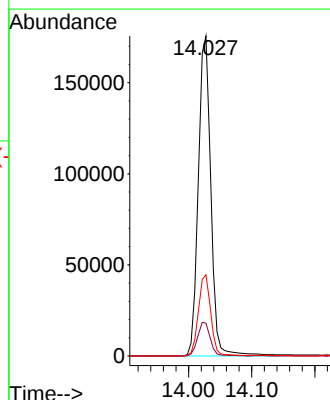
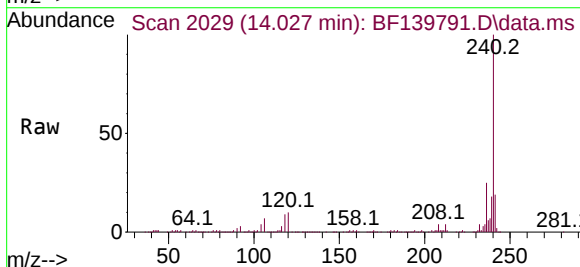
Tgt Ion:240 Resp: 242685

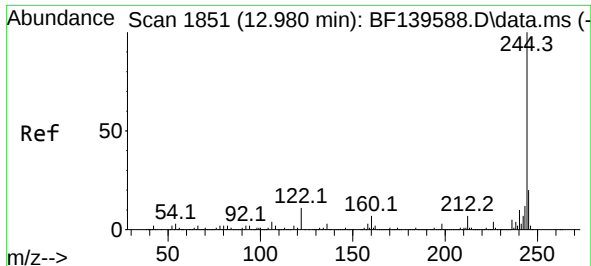
Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

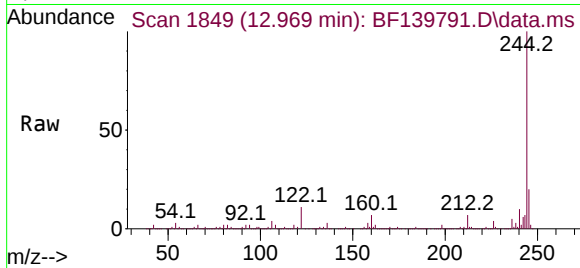
236 25.4 20.3 30.5



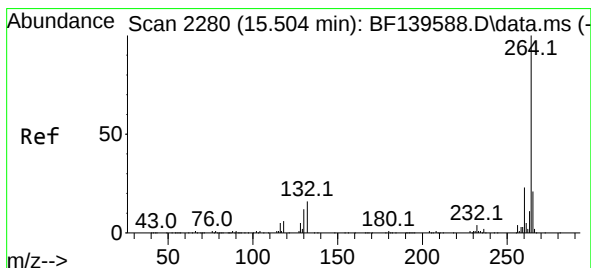
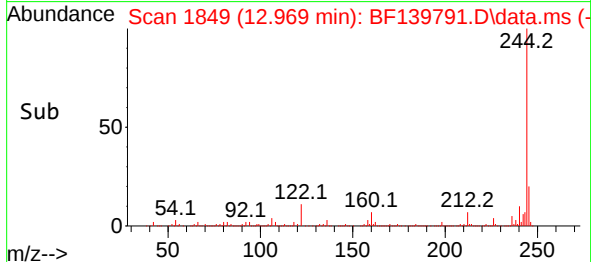
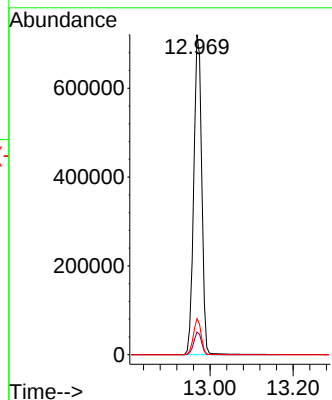


#79
Terphenyl-d14
Concen: 64.671 ng
RT: 12.969 min Scan# 1849
Delta R.T. -0.011 min
Lab File: BF139791.D
Acq: 14 Oct 2024 16:29

Instrument :
BNA_F
ClientSampleId :
FENCE-POST-3



Tgt Ion:244 Resp: 956503
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 11.2 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF139791.D
Acq: 14 Oct 2024 16:29

Tgt Ion:264 Resp: 164587
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.2 16.9 25.3

