

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
 Data File : BF139600.D
 Acq On : 02 Oct 2024 12:10
 Operator : RC/JU
 Sample : P4194-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-119-KEARNY

Quant Time: Oct 02 12:37:46 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)

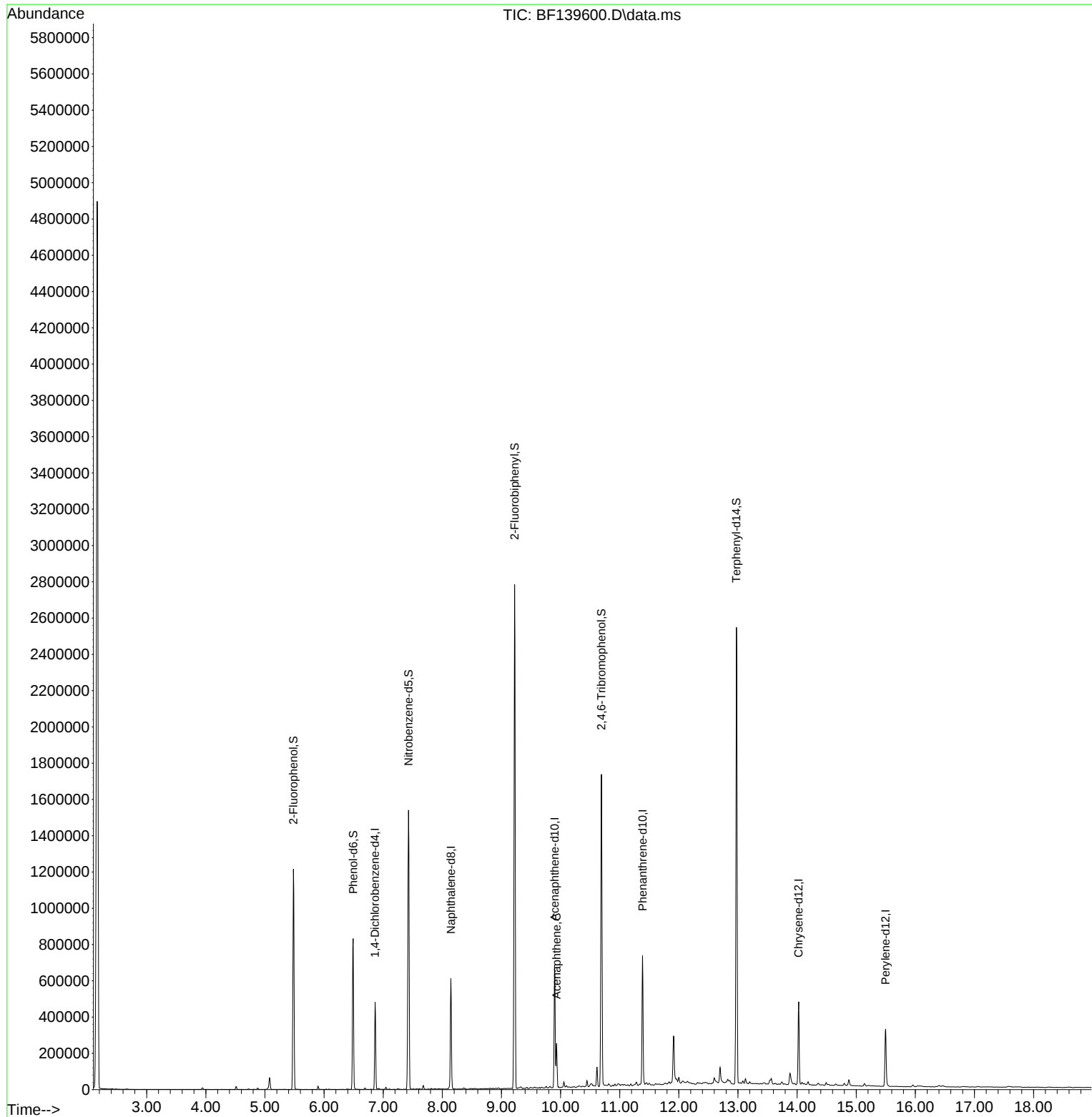
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	96372	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	356485	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	196275	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	364423	20.000	ng	0.00
76) Chrysene-d12	14.027	240	205230	20.000	ng	0.00
86) Perylene-d12	15.498	264	178846	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	406735	73.151	ng	0.00
7) Phenol-d6	6.492	99	351484	47.007	ng	-0.01
23) Nitrobenzene-d5	7.428	82	696541	98.927	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	266136	140.462	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1215646	95.083	ng	0.00
79) Terphenyl-d14	12.974	244	1236732	98.878	ng	0.00
Target Compounds						
52) Acenaphthene	9.933	154	72471	6.343	ng	98

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

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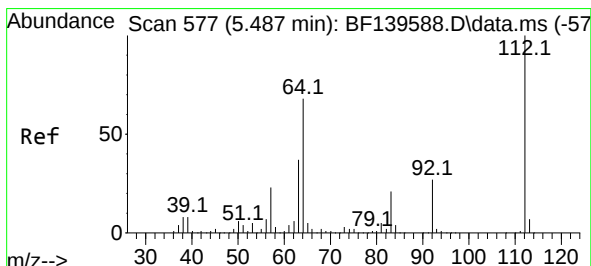
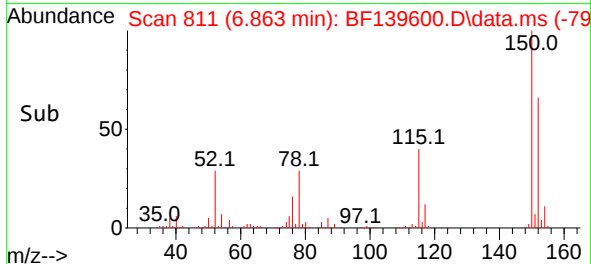
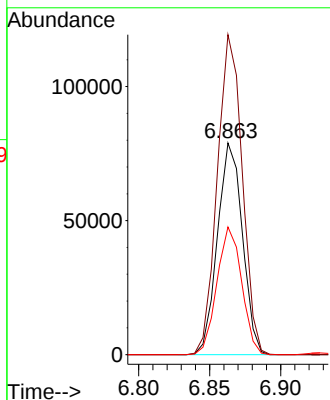
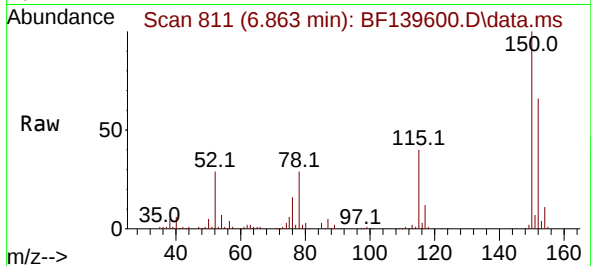




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139600.D
Acq: 02 Oct 2024 12:10

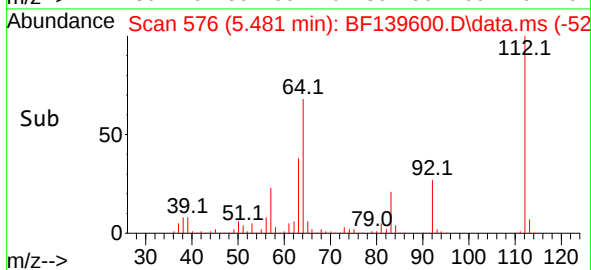
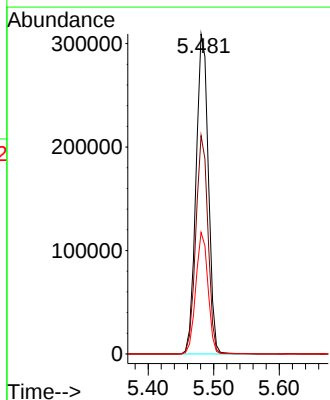
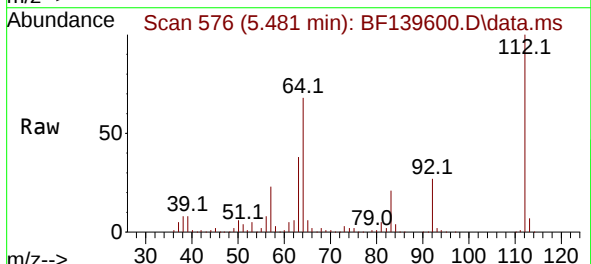
Instrument :
BNA_F
ClientSampleId :
MANHOLE-119-KEARNY

Tgt Ion:152 Resp: 96372
Ion Ratio Lower Upper
152 100
150 151.1 127.2 190.8
115 60.3 49.0 73.4



#5
2-Fluorophenol
Concen: 73.151 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF139600.D
Acq: 02 Oct 2024 12:10

Tgt Ion:112 Resp: 406735
Ion Ratio Lower Upper
112 100
64 68.3 54.2 81.4
63 38.0 29.4 44.2

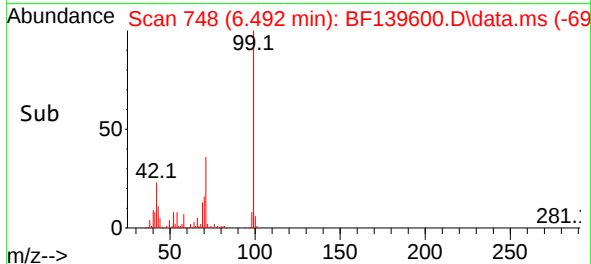
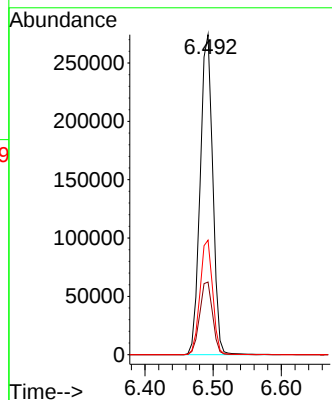
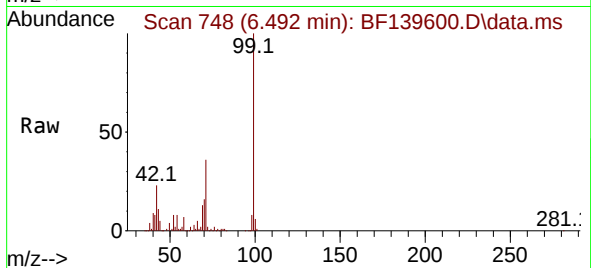




#7
Phenol-d6
Concen: 47.007 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139600.D
Acq: 02 Oct 2024 12:10

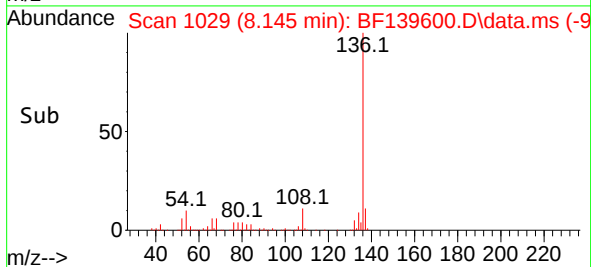
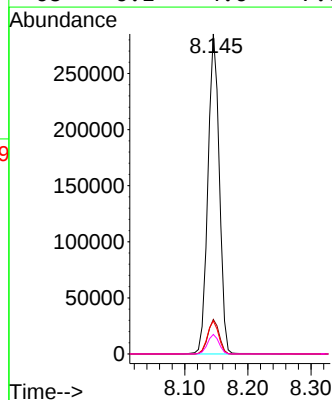
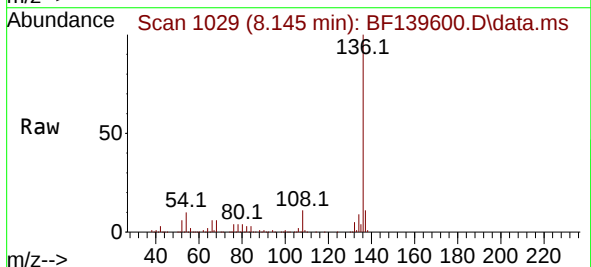
Instrument :
BNA_F
ClientSampleId :
MANHOLE-119-KEARNY

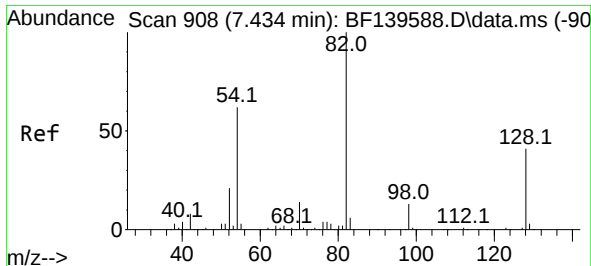
Tgt Ion: 99 Resp: 351484
Ion Ratio Lower Upper
99 100
42 22.7 19.1 28.7
71 35.8 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139600.D
Acq: 02 Oct 2024 12:10

Tgt Ion: 136 Resp: 356485
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.3 8.3 12.5
68 6.1 4.6 7.0

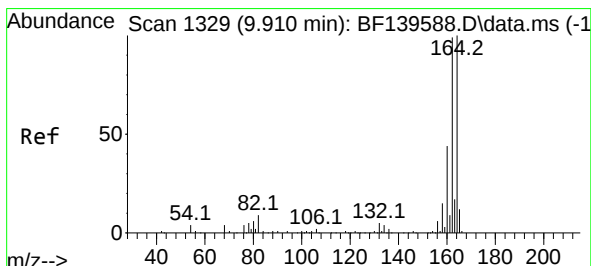
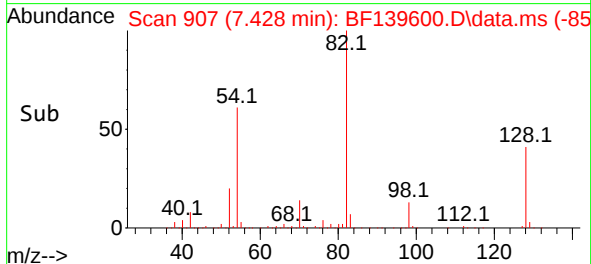
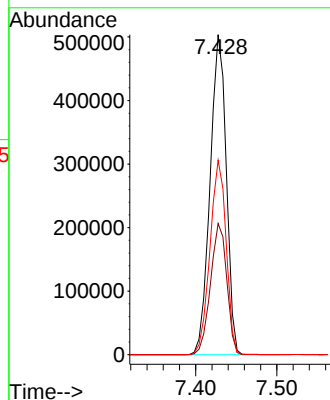
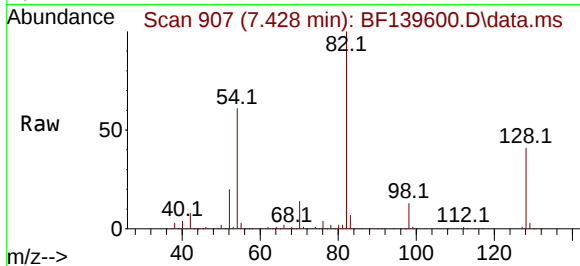




#23
 Nitrobenzene-d5
 Concen: 98.927 ng
 RT: 7.428 min Scan# 908
 Delta R.T. -0.006 min
 Lab File: BF139600.D
 Acq: 02 Oct 2024 12:10

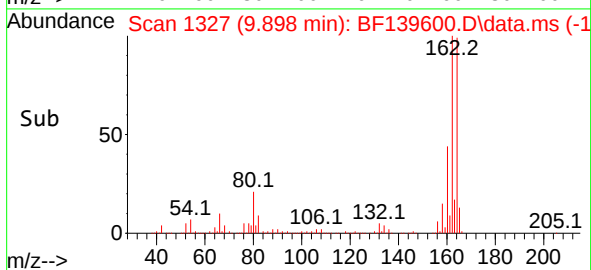
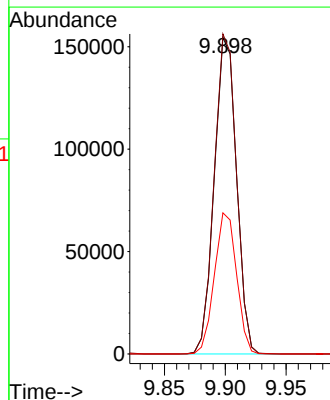
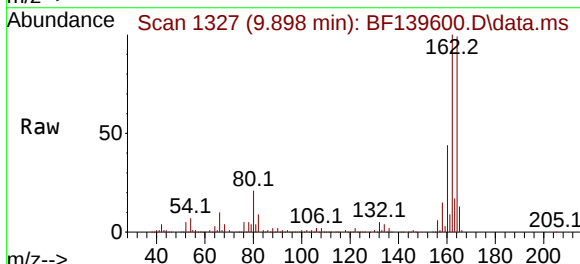
Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-119-KEARNY

Tgt Ion: 82 Resp: 696541
 Ion Ratio Lower Upper
 82 100
 128 41.0 32.4 48.6
 54 60.8 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: BF139600.D
 Acq: 02 Oct 2024 12:10

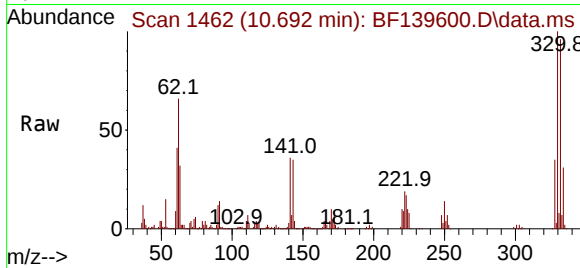
Tgt Ion:164 Resp: 196275
 Ion Ratio Lower Upper
 164 100
 162 101.1 79.4 119.0
 160 44.6 35.1 52.7



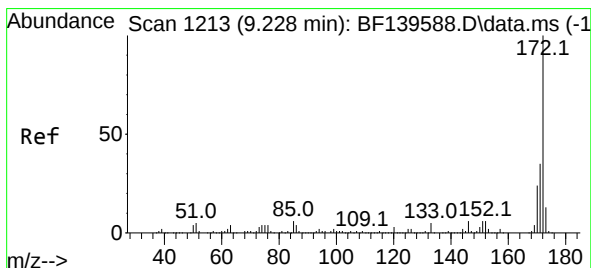
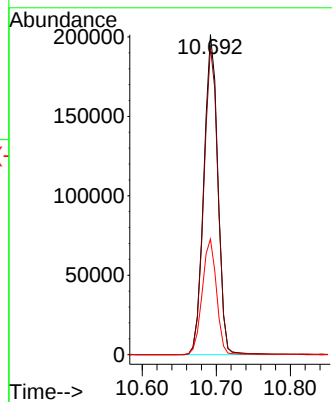
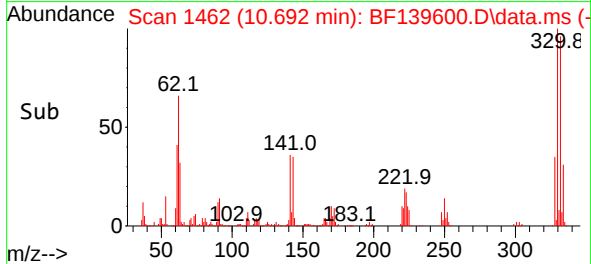


#42
2,4,6-Tribromophenol
Concen: 140.462 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139600.D
Acq: 02 Oct 2024 12:10

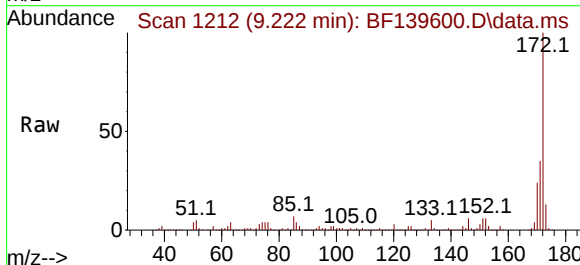
Instrument :
BNA_F
ClientSampleId :
MANHOLE-119-KEARNY



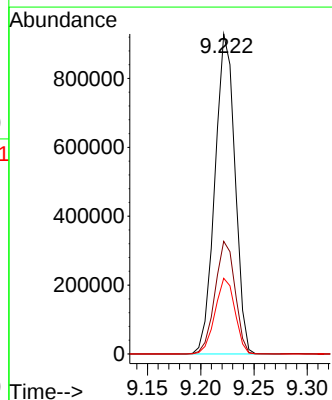
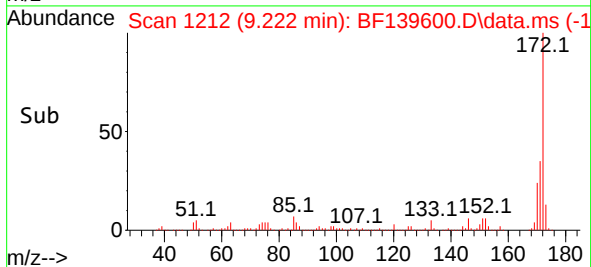
Tgt Ion: 330 Resp: 266136
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 36.8 29.3 43.9

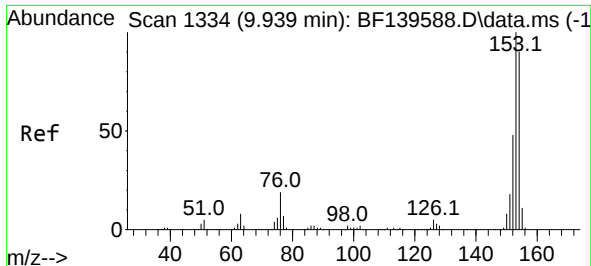


#45
2-Fluorobiphenyl
Concen: 95.083 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139600.D
Acq: 02 Oct 2024 12:10



Tgt Ion: 172 Resp: 1215646
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.6 18.8 28.2

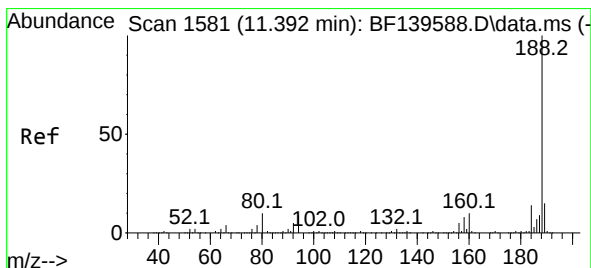
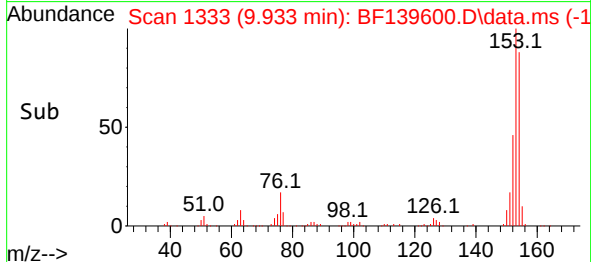
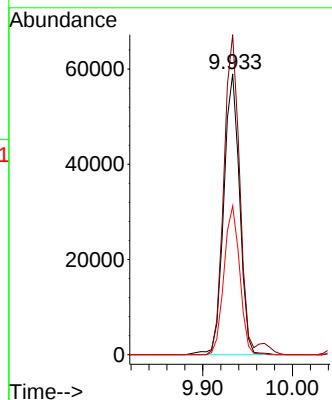
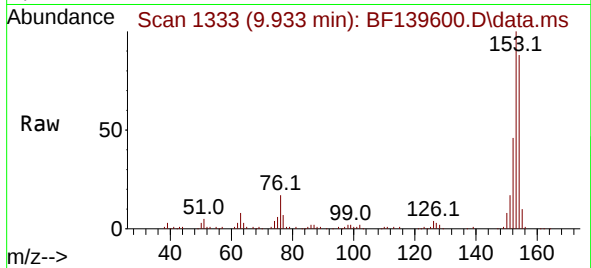




#52
Acenaphthene
Concen: 6.343 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139600.D
Acq: 02 Oct 2024 12:10

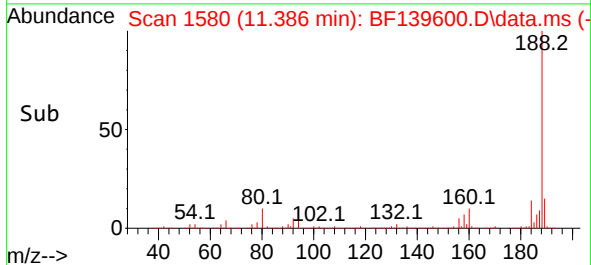
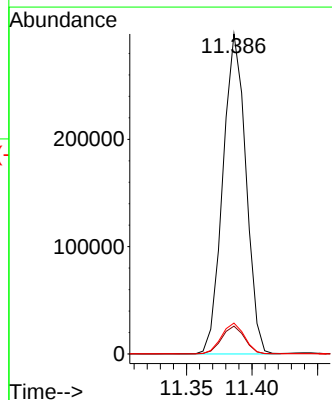
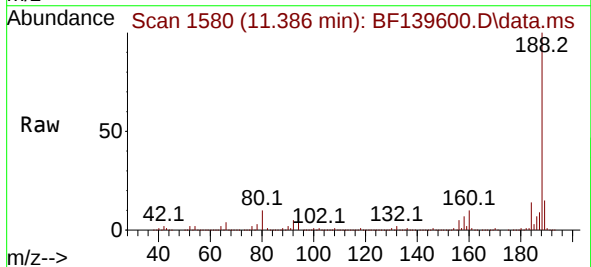
Instrument :
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ClientSampleId :
MANHOLE-119-KEARNY

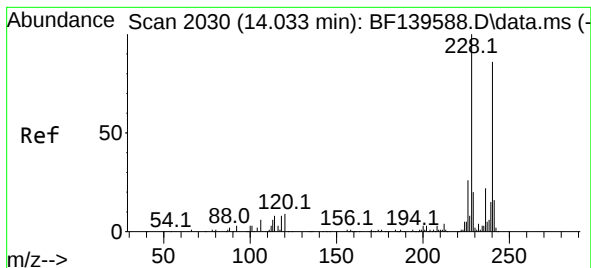
Tgt Ion:154 Resp: 72471
Ion Ratio Lower Upper
154 100
153 114.0 88.8 133.2
152 52.9 42.5 63.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF139600.D
Acq: 02 Oct 2024 12:10

Tgt Ion:188 Resp: 364423
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.6 8.2 12.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139600.D

Acq: 02 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

MANHOLE-119-KEARNY

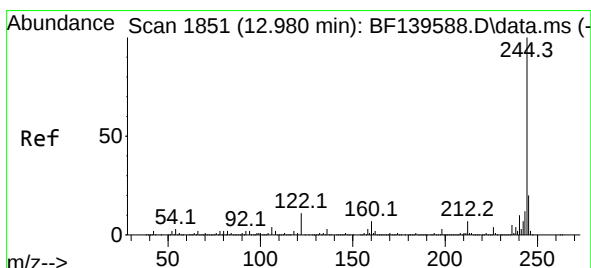
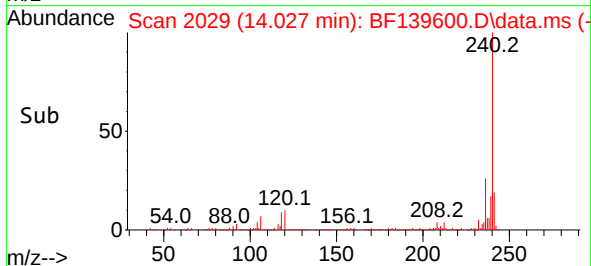
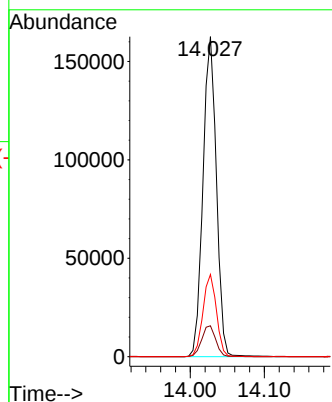
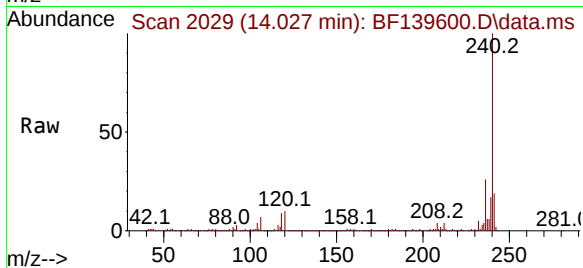
Tgt Ion:240 Resp: 205230

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

236 25.7 20.3 30.5



#79

Terphenyl-d14

Concen: 98.878 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF139600.D

Acq: 02 Oct 2024 12:10

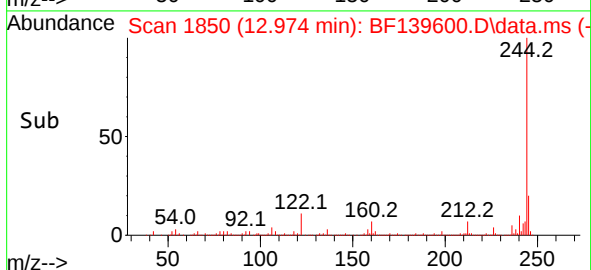
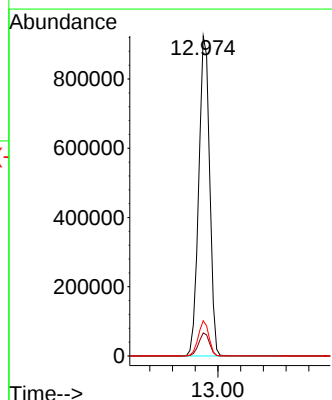
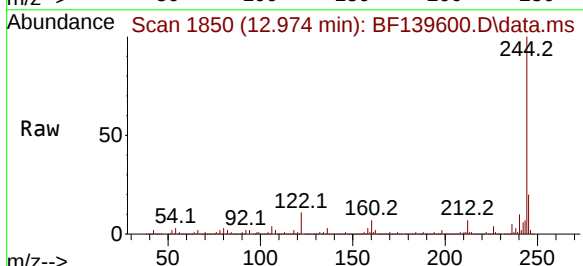
Tgt Ion:244 Resp: 1236732

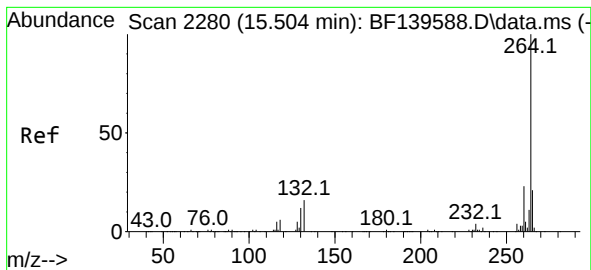
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 11.0 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139600.D

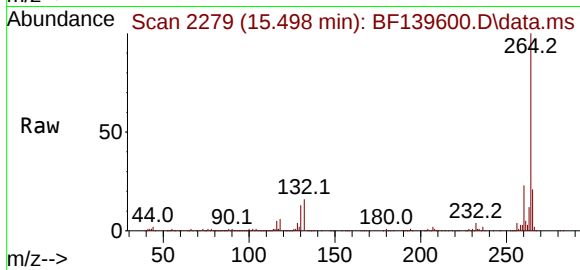
Acq: 02 Oct 2024 12:10

Instrument :

BNA_F

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MANHOLE-119-KEARNY



Tgt Ion:264 Resp: 178846

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.5 16.9 25.3

