

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
Data File : BF139721.D
Acq On : 09 Oct 2024 14:36
Operator : RC/JU
Sample : P4340-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1B-3

Quant Time: Oct 09 15:21:18 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	85414	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	322110	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	178988	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	336231	20.000	ng	0.00
76) Chrysene-d12	14.027	240	184881	20.000	ng	0.00
86) Perylene-d12	15.498	264	157783	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	564981	114.648	ng	0.00
7) Phenol-d6	6.498	99	747929	112.860	ng	0.00
23) Nitrobenzene-d5	7.428	82	483449	75.990	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	183161	106.006	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	862449	73.972	ng	0.00
79) Terphenyl-d14	12.975	244	860368	76.358	ng	0.00

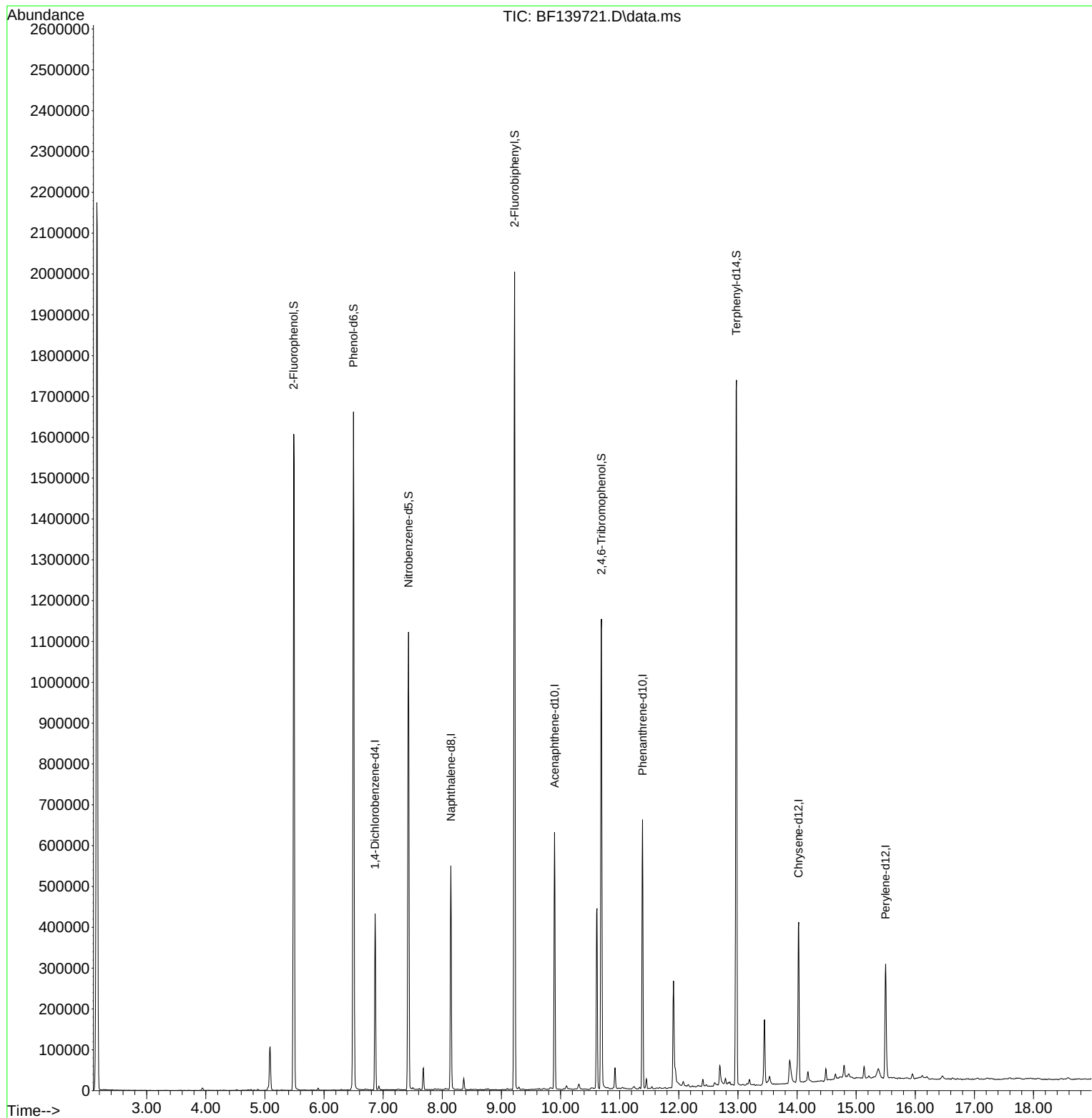
Target Compounds	Qvalue

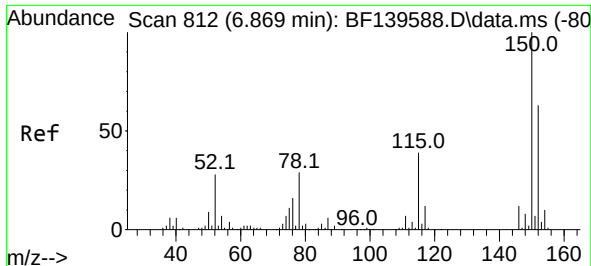
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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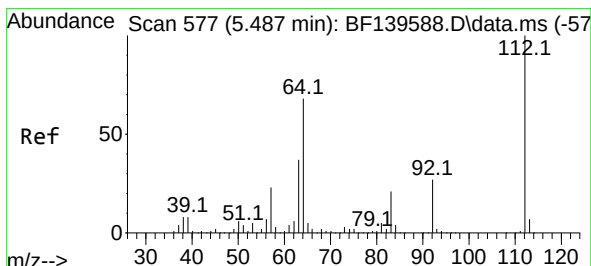
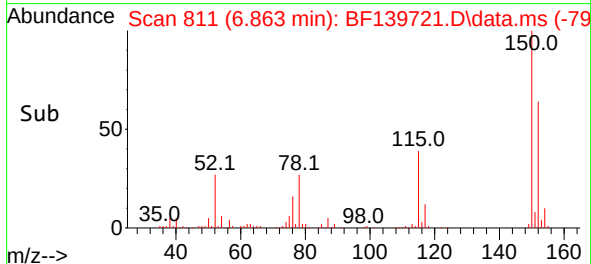
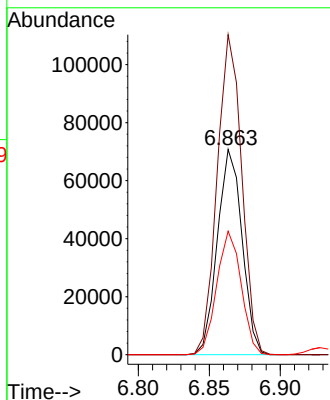
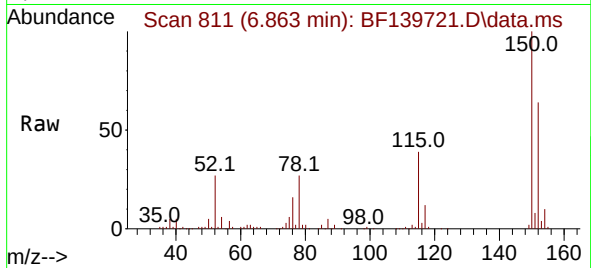




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139721.D
Acq: 09 Oct 2024 14:36

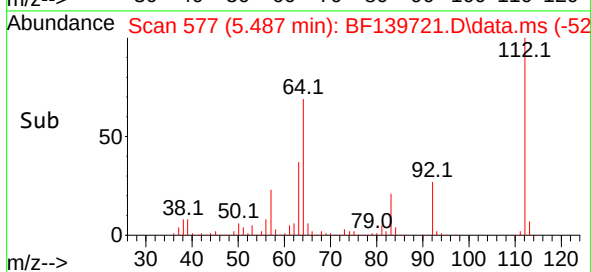
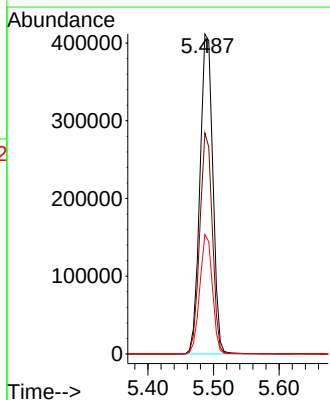
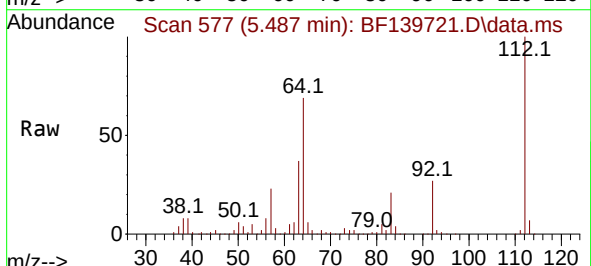
Instrument :
BNA_F
ClientSampleId :
1B-3

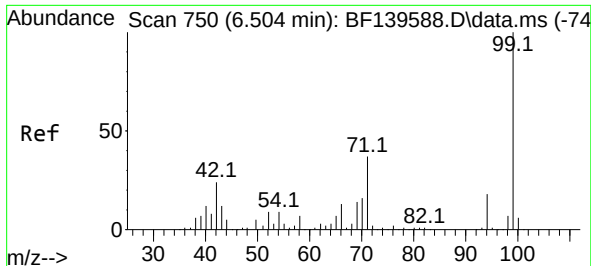
Tgt Ion:152 Resp: 85414
Ion Ratio Lower Upper
152 100
150 155.9 127.2 190.8
115 60.2 49.0 73.4



#5
2-Fluorophenol
Concen: 114.648 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139721.D
Acq: 09 Oct 2024 14:36

Tgt Ion:112 Resp: 564981
Ion Ratio Lower Upper
112 100
64 69.0 54.2 81.4
63 37.3 29.4 44.2

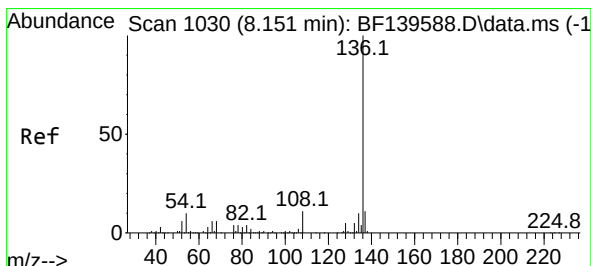
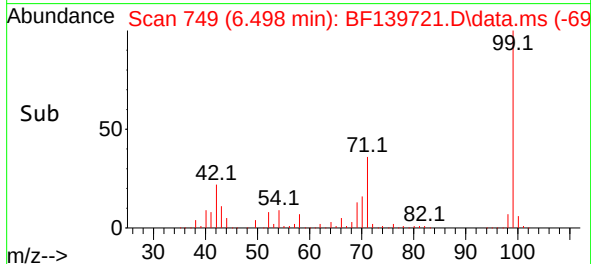
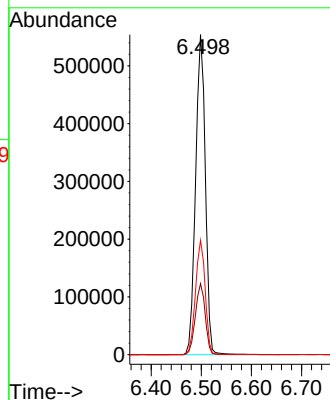
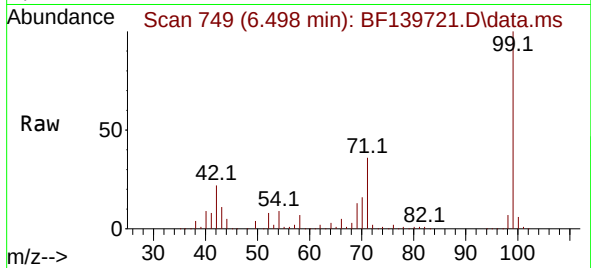




#7
Phenol-d6
Concen: 112.860 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139721.D
Acq: 09 Oct 2024 14:36

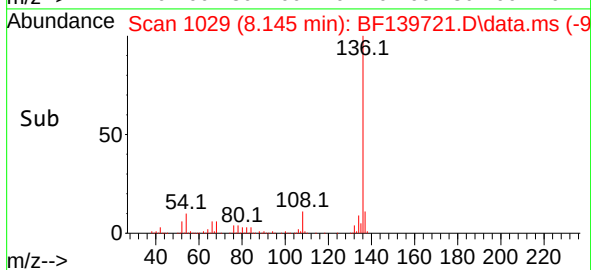
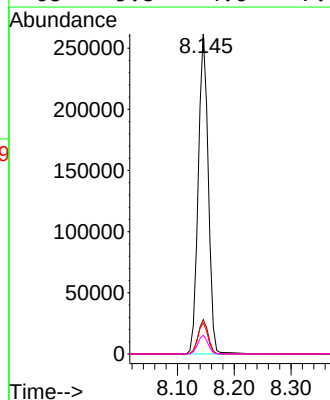
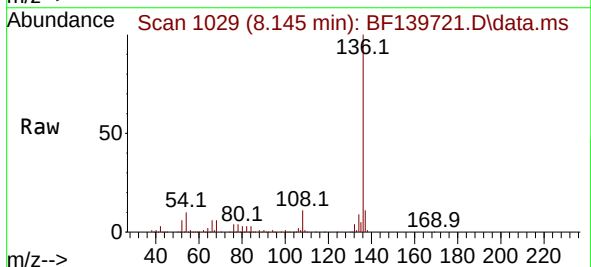
Instrument :
BNA_F
ClientSampleId :
1B-3

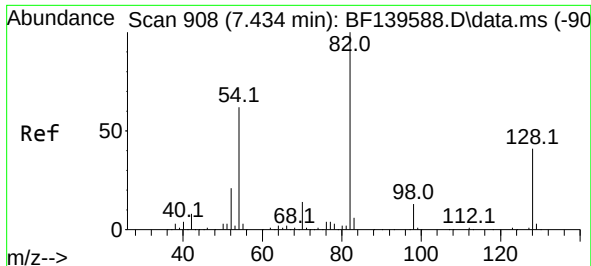
Tgt Ion: 99 Resp: 747929
Ion Ratio Lower Upper
99 100
42 22.2 19.1 28.7
71 35.8 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139721.D
Acq: 09 Oct 2024 14:36

Tgt Ion: 136 Resp: 322110
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.7 8.3 12.5
68 5.8 4.6 7.0





#23

Nitrobenzene-d5

Concen: 75.990 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139721.D

Acq: 09 Oct 2024 14:36

Instrument :

BNA_F

ClientSampleId :

1B-3

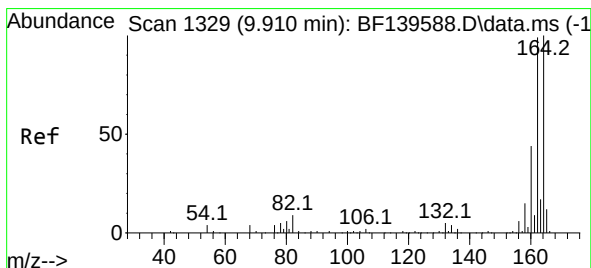
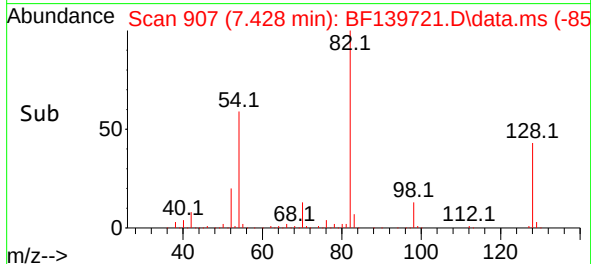
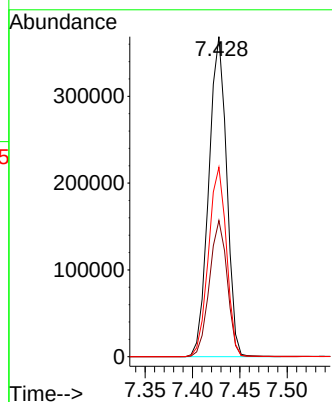
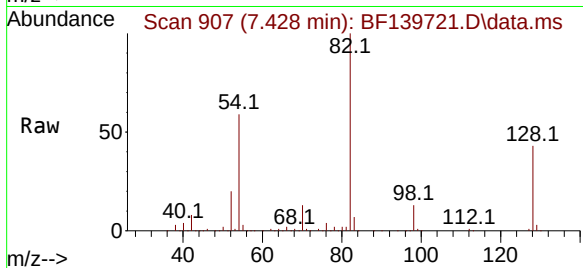
Tgt Ion: 82 Resp: 483449

Ion Ratio Lower Upper

82 100

128 42.6 32.4 48.6

54 59.2 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: BF139721.D

Acq: 09 Oct 2024 14:36

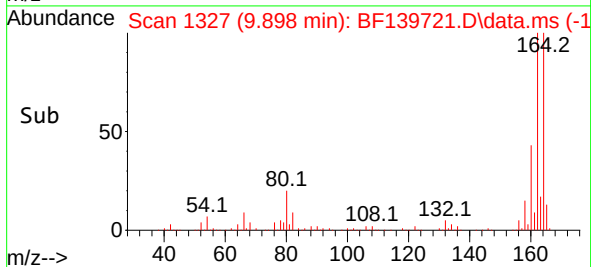
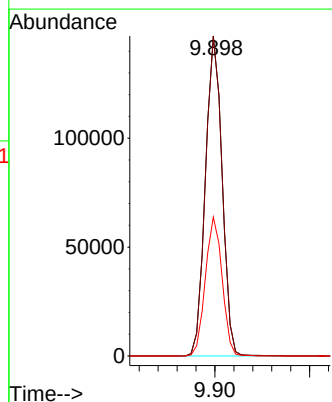
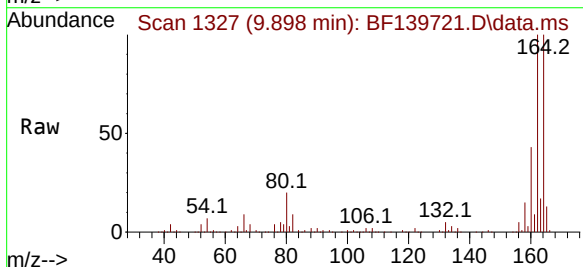
Tgt Ion:164 Resp: 178988

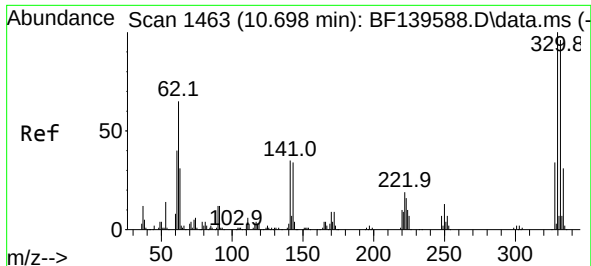
Ion Ratio Lower Upper

164 100

162 99.8 79.4 119.0

160 43.4 35.1 52.7

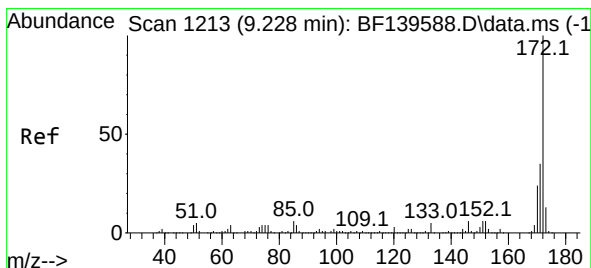
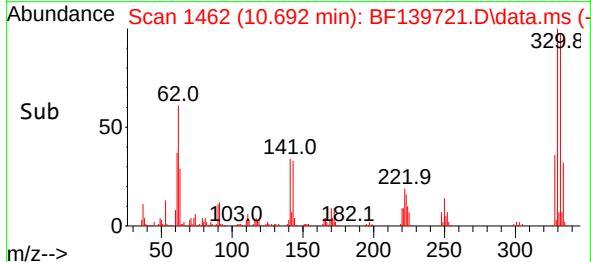
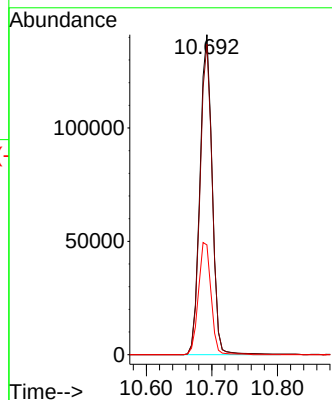
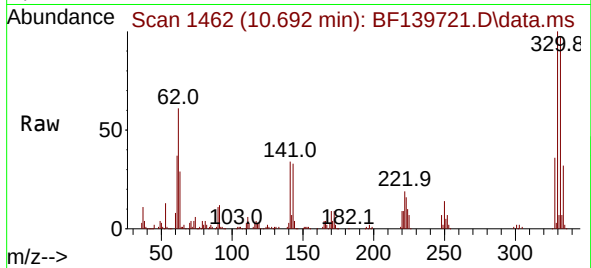




#42
2,4,6-Tribromophenol
Concen: 106.006 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139721.D
Acq: 09 Oct 2024 14:36

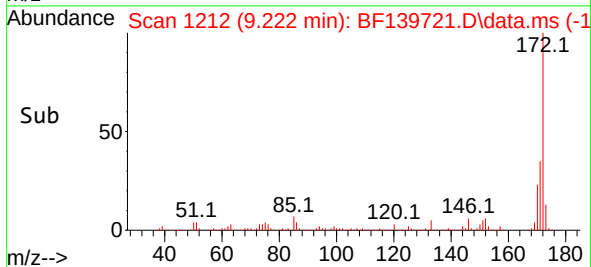
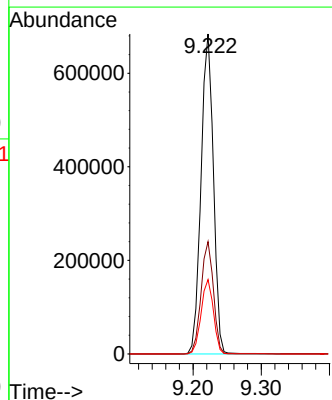
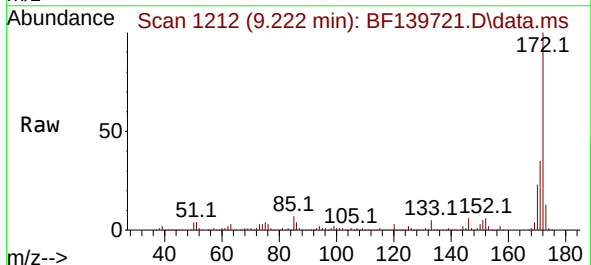
Instrument :
BNA_F
ClientSampleId :
1B-3

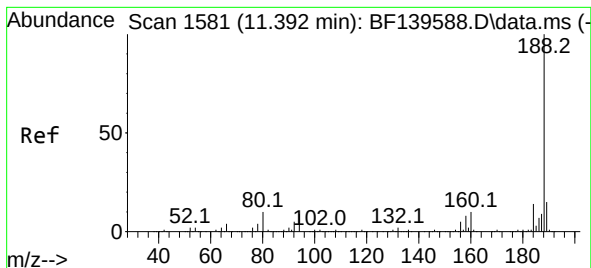
Tgt Ion:330 Resp: 183161
Ion Ratio Lower Upper
330 100
332 97.0 76.5 114.7
141 36.2 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 73.972 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139721.D
Acq: 09 Oct 2024 14:36

Tgt Ion:172 Resp: 862449
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.3 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: BF139721.D

Acq: 09 Oct 2024 14:36

Instrument :

BNA_F

ClientSampleId :

1B-3

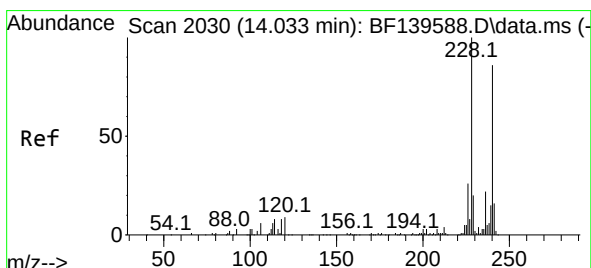
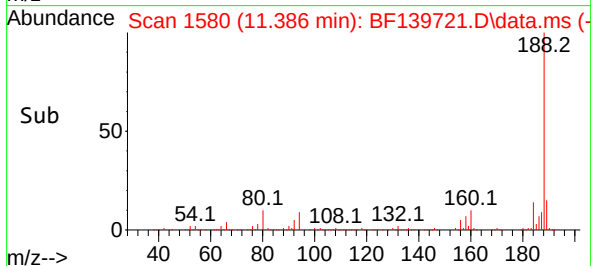
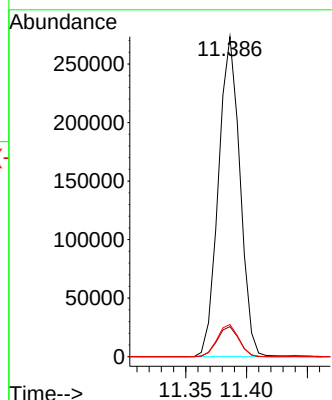
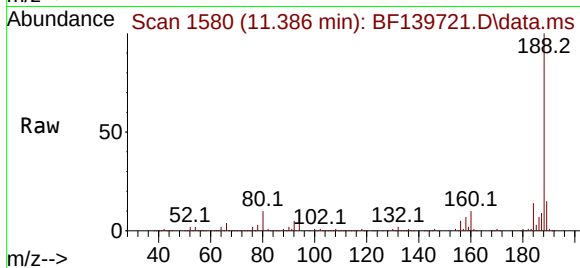
Tgt Ion:188 Resp: 336231

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 10.1 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: BF139721.D

Acq: 09 Oct 2024 14:36

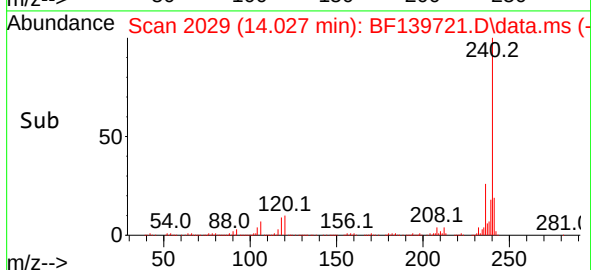
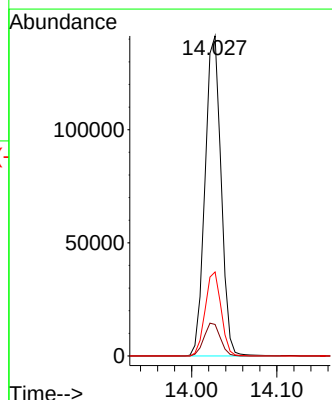
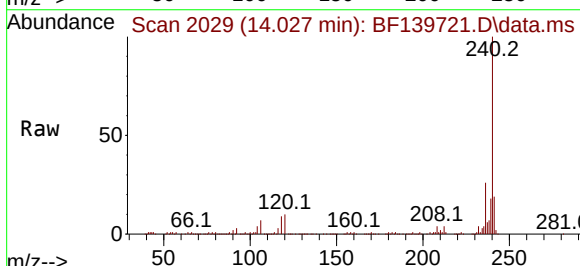
Tgt Ion:240 Resp: 184881

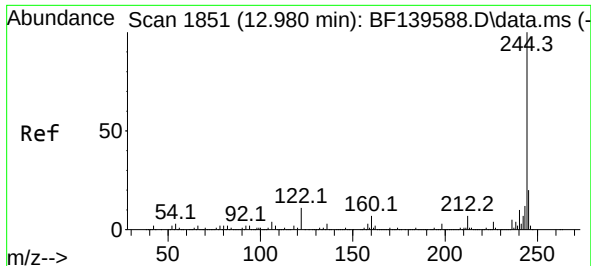
Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

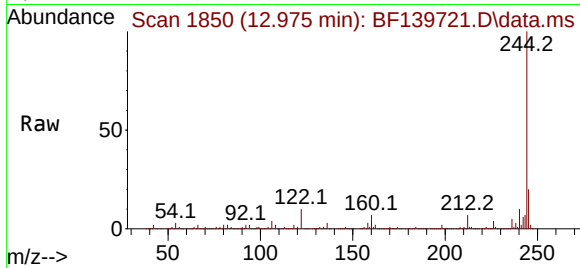
236 26.2 20.3 30.5



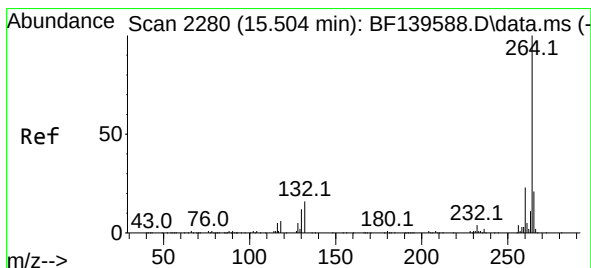
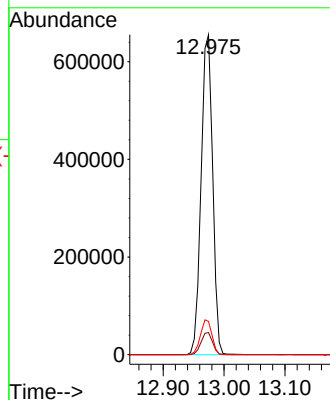
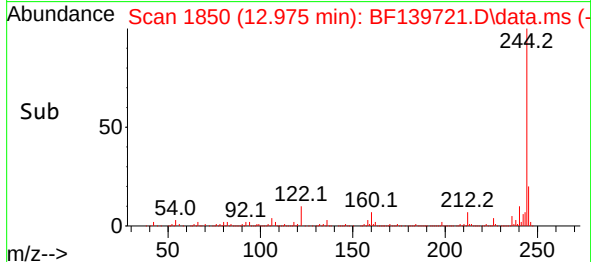


#79
Terphenyl-d14
Concen: 76.358 ng
RT: 12.975 min Scan# 1850
Delta R.T. -0.005 min
Lab File: BF139721.D
Acq: 09 Oct 2024 14:36

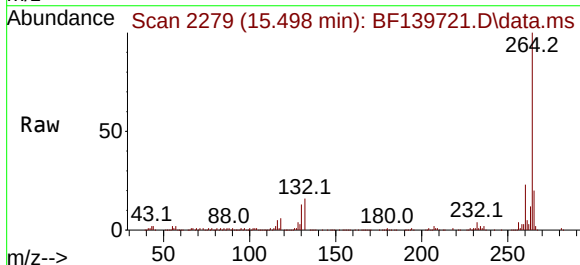
Instrument :
BNA_F
ClientSampleId :
1B-3



Tgt Ion:244 Resp: 860368
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 10.4 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: BF139721.D
Acq: 09 Oct 2024 14:36



Tgt Ion:264 Resp: 157783
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 20.4 16.9 25.3

