

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139645.D
 Acq On : 04 Oct 2024 09:29
 Operator : RC/JU
 Sample : PB163883BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163883BL

Quant Time: Oct 04 11:11:02 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	93658	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	358600	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	200684	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	382052	20.000	ng	0.00
76) Chrysene-d12	14.021	240	212702	20.000	ng	-0.01
86) Perylene-d12	15.492	264	210145	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	737657	136.512	ng	0.00
7) Phenol-d6	6.498	99	973398	133.953	ng	0.00
23) Nitrobenzene-d5	7.428	82	639567	90.300	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	251010	129.568	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1178897	90.183	ng	0.00
79) Terphenyl-d14	12.974	244	1285285	99.150	ng	0.00

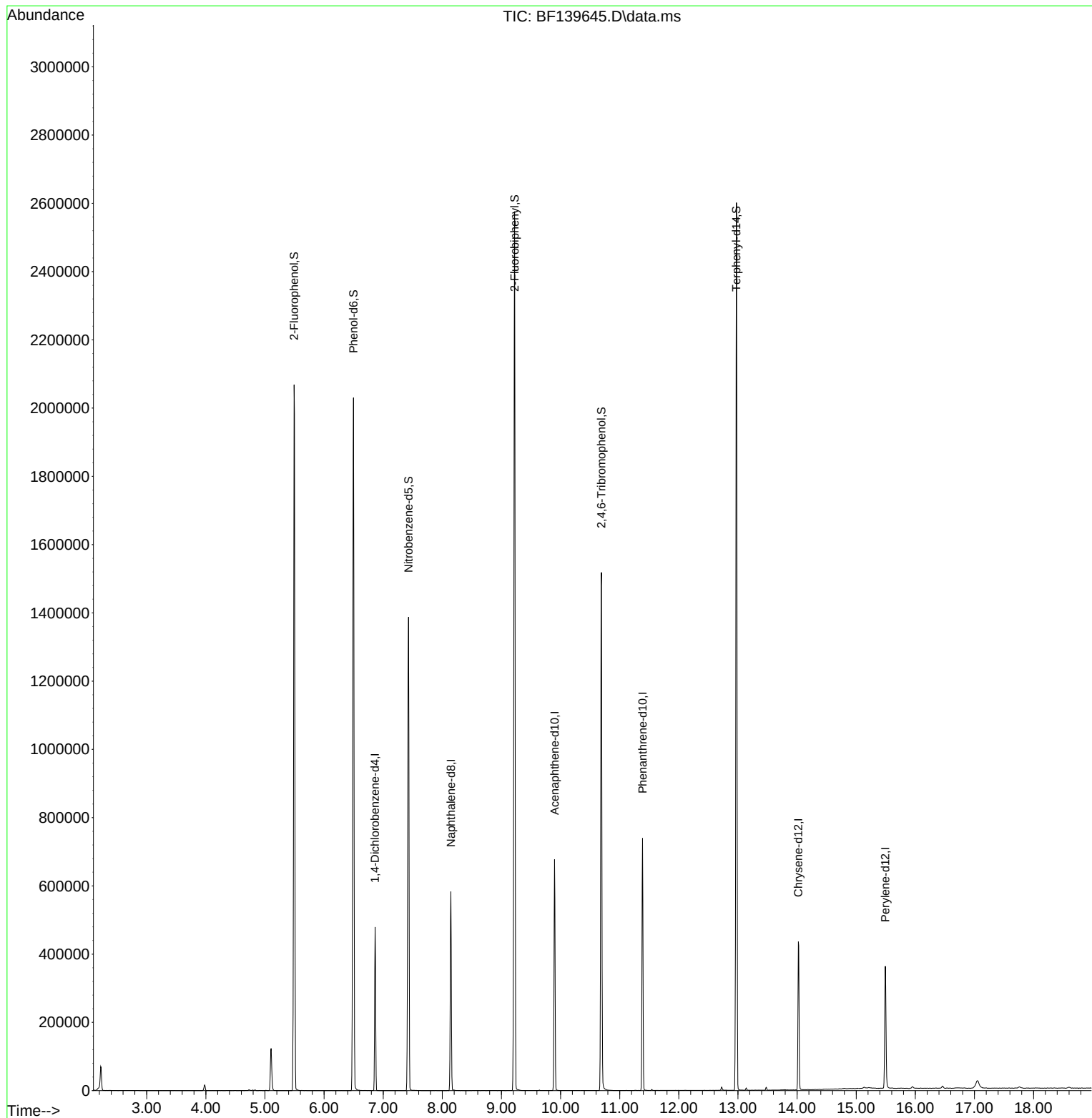
Target Compounds	Qvalue

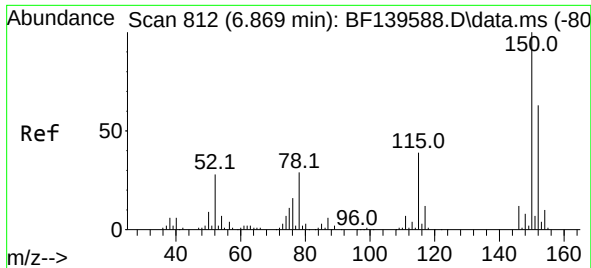
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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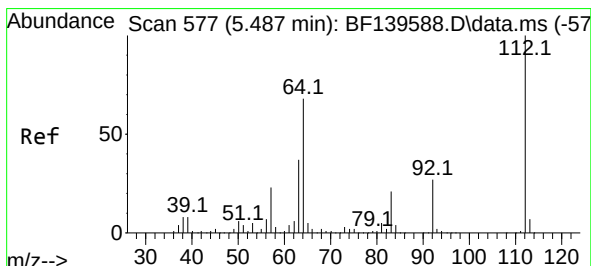
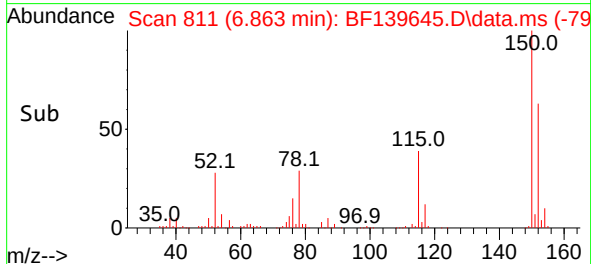
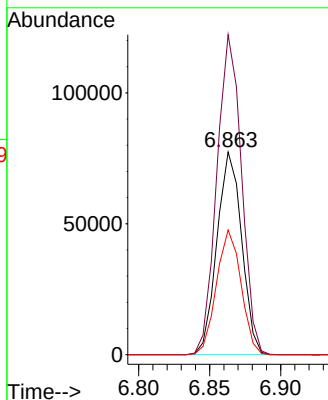
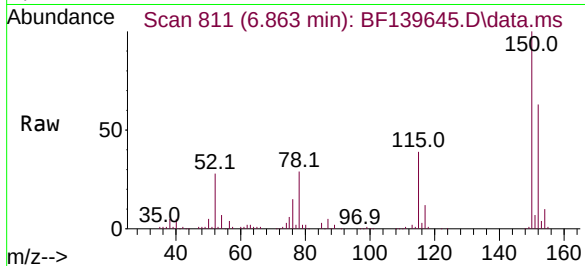




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139645.D
Acq: 04 Oct 2024 09:29

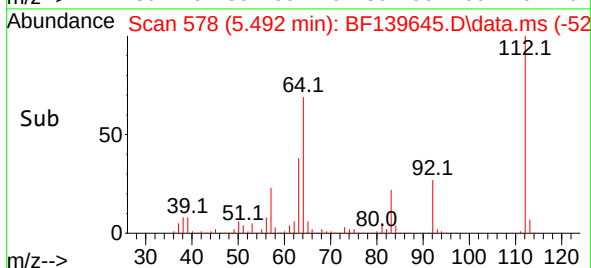
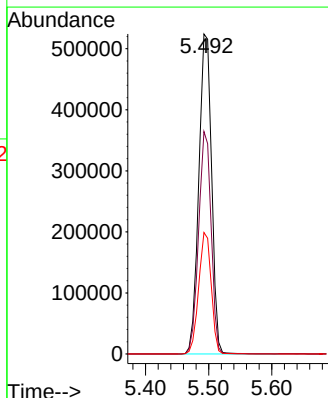
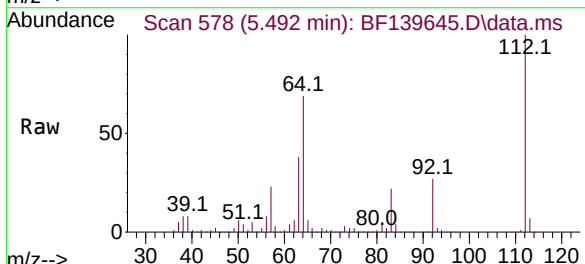
Instrument :
BNA_F
ClientSampleId :
PB163883BL

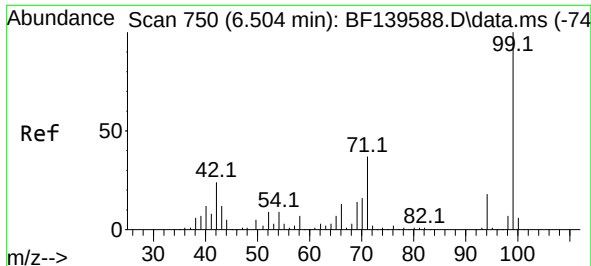
Tgt Ion:152 Resp: 93658
Ion Ratio Lower Upper
152 100
150 157.9 127.2 190.8
115 61.5 49.0 73.4



#5
2-Fluorophenol
Concen: 136.512 ng
RT: 5.492 min Scan# 578
Delta R.T. 0.005 min
Lab File: BF139645.D
Acq: 04 Oct 2024 09:29

Tgt Ion:112 Resp: 737657
Ion Ratio Lower Upper
112 100
64 69.5 54.2 81.4
63 38.0 29.4 44.2

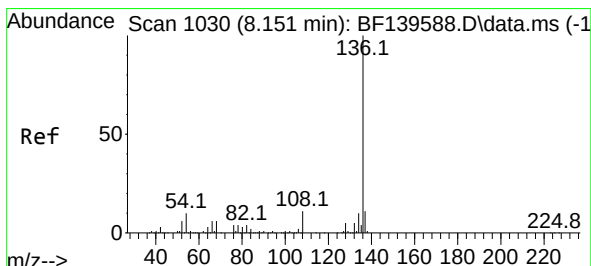
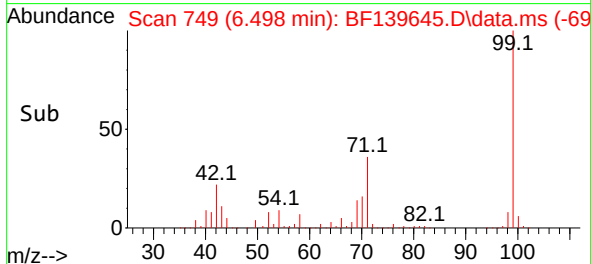
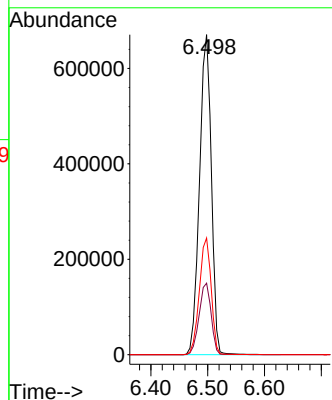
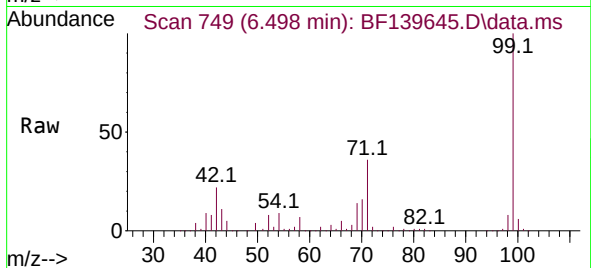




#7
Phenol-d6
Concen: 133.953 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139645.D
Acq: 04 Oct 2024 09:29

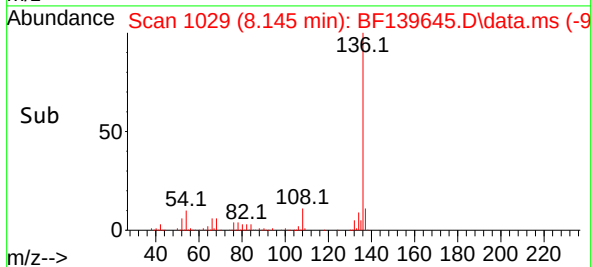
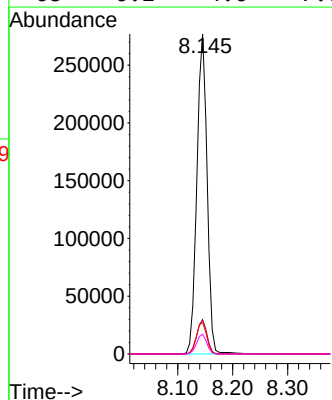
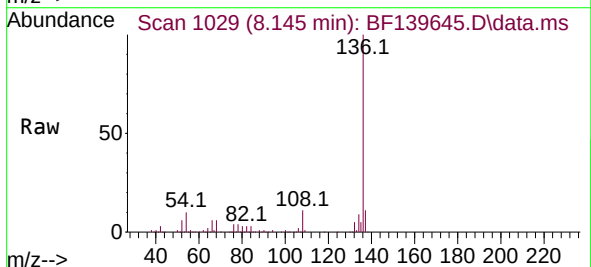
Instrument :
BNA_F
ClientSampleId :
PB163883BL

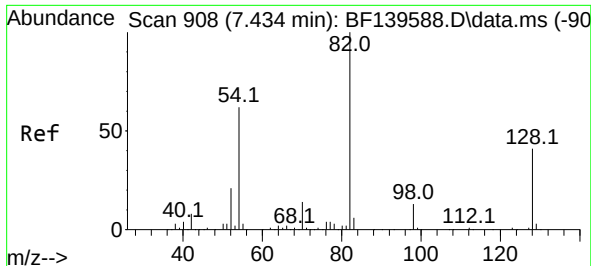
Tgt Ion: 99 Resp: 973398
Ion Ratio Lower Upper
99 100
42 22.4 19.1 28.7
71 36.4 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139645.D
Acq: 04 Oct 2024 09:29

Tgt Ion: 136 Resp: 358600
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.9 8.3 12.5
68 6.2 4.6 7.0

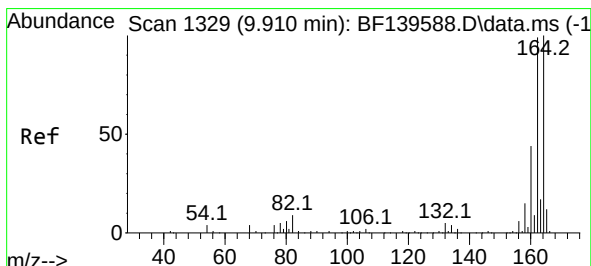
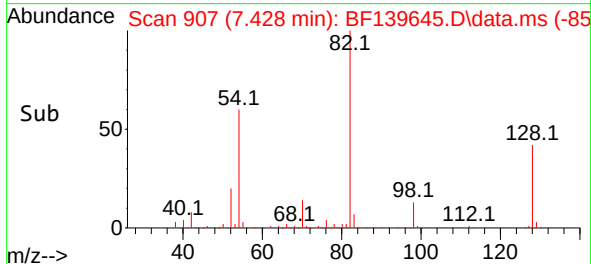
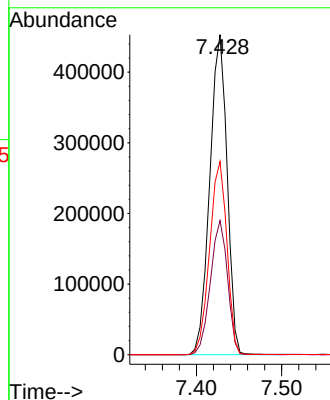
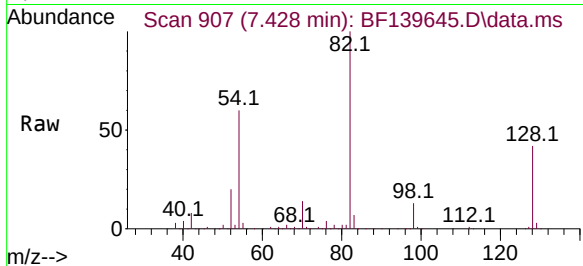




#23
Nitrobenzene-d5
Concen: 90.300 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF139645.D
Acq: 04 Oct 2024 09:29

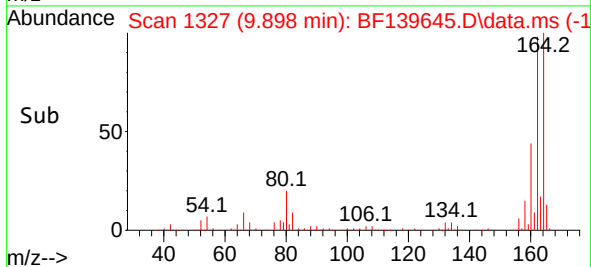
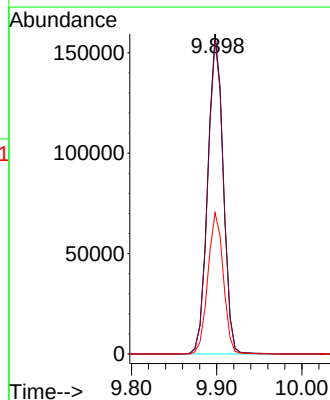
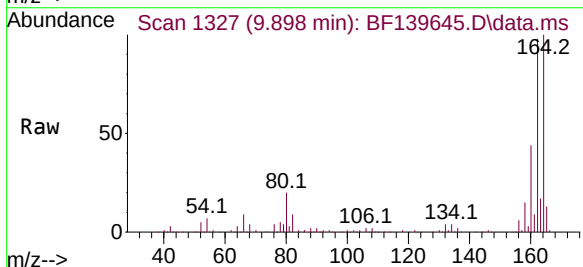
Instrument :
BNA_F
ClientSampleId :
PB163883BL

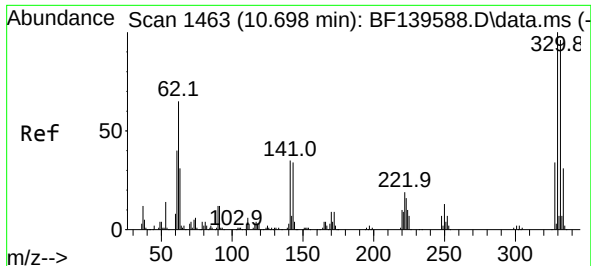
Tgt Ion: 82 Resp: 639567
Ion Ratio Lower Upper
82 100
128 41.9 32.4 48.6
54 60.3 49.1 73.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139645.D
Acq: 04 Oct 2024 09:29

Tgt Ion:164 Resp: 200684
Ion Ratio Lower Upper
164 100
162 98.1 79.4 119.0
160 44.1 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 129.568 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139645.D

Acq: 04 Oct 2024 09:29

Instrument :

BNA_F

ClientSampleId :

PB163883BL

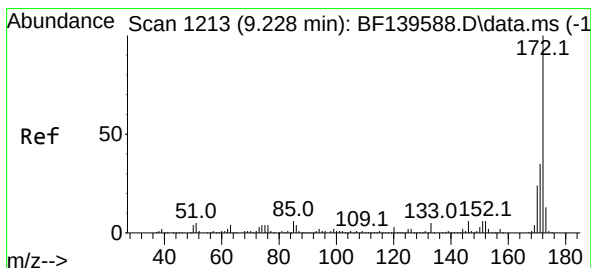
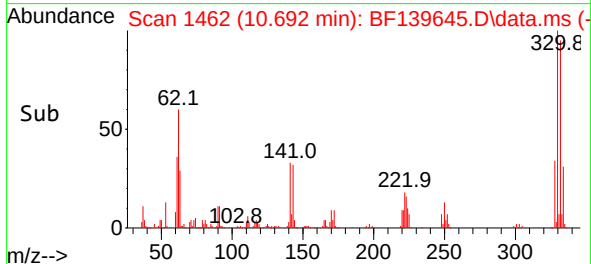
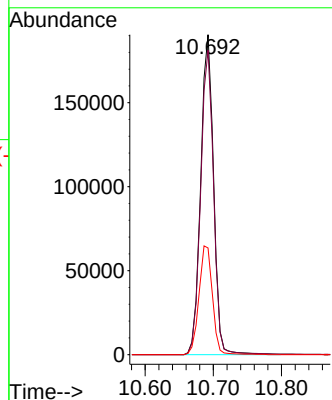
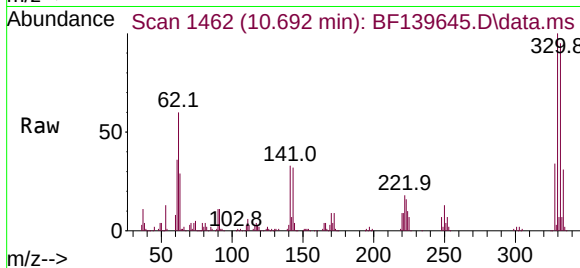
Tgt Ion:330 Resp: 251010

Ion Ratio Lower Upper

330 100

332 95.4 76.5 114.7

141 35.4 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 90.183 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139645.D

Acq: 04 Oct 2024 09:29

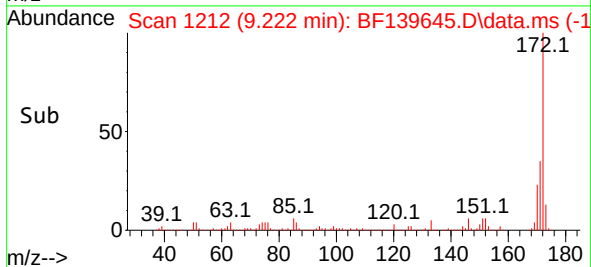
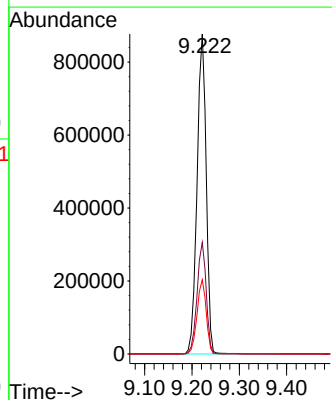
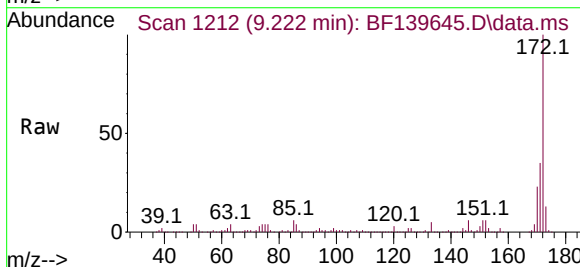
Tgt Ion:172 Resp: 1178897

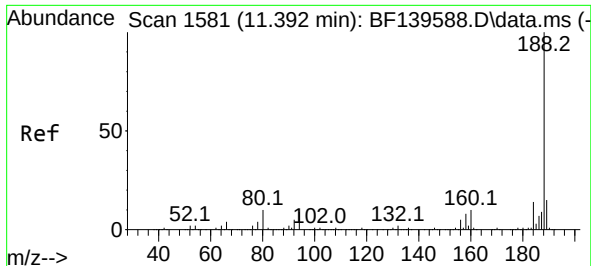
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 23.2 18.8 28.2

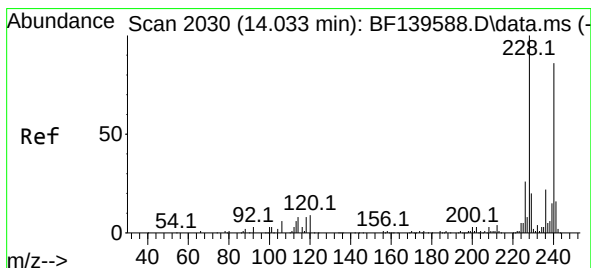
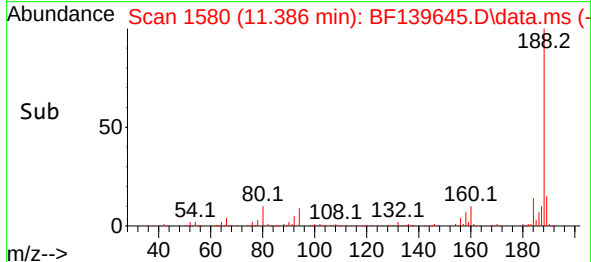
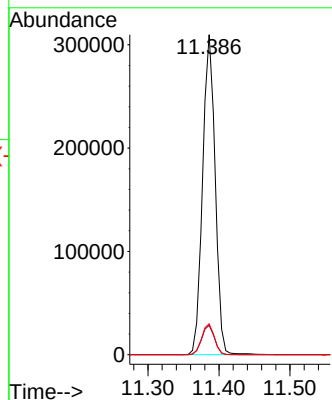
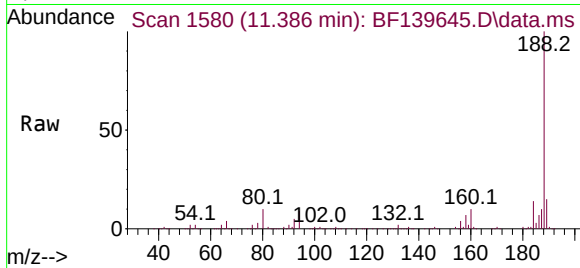




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139645.D
Acq: 04 Oct 2024 09:29

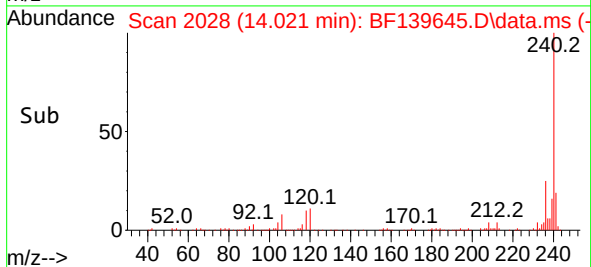
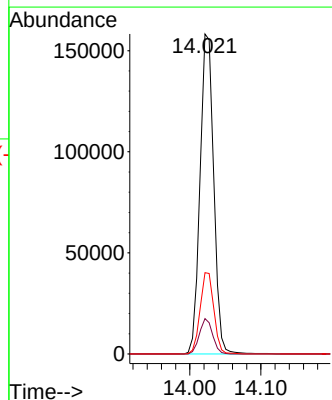
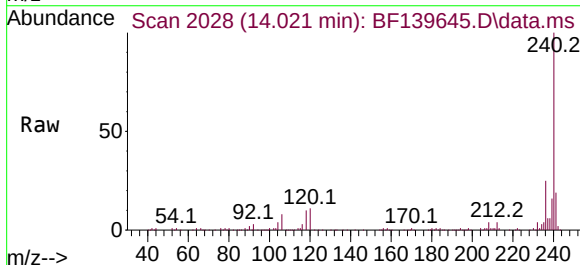
Instrument :
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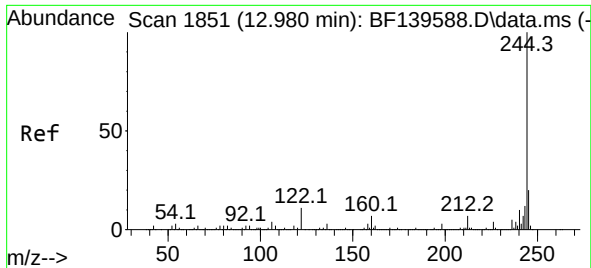
Tgt Ion:188 Resp: 382052
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.6 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF139645.D
Acq: 04 Oct 2024 09:29

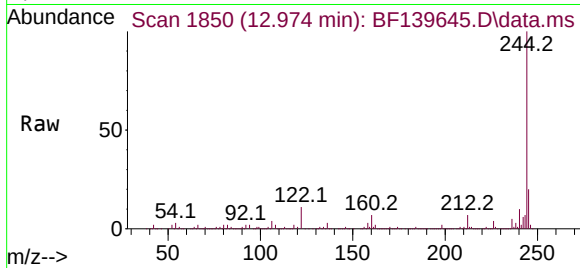
Tgt Ion:240 Resp: 212702
Ion Ratio Lower Upper
240 100
120 11.0 8.4 12.6
236 25.4 20.3 30.5



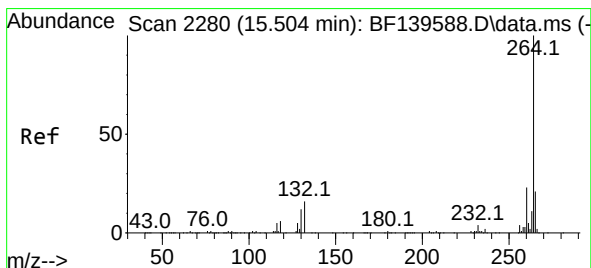
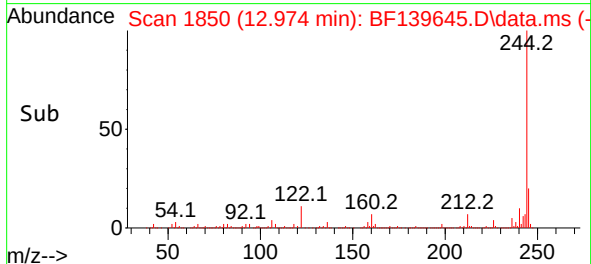
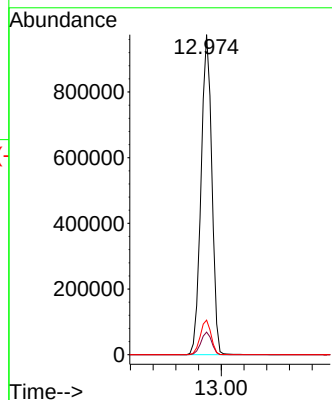


#79
Terphenyl-d14
Concen: 99.150 ng
RT: 12.974 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF139645.D
Acq: 04 Oct 2024 09:29

Instrument :
BNA_F
ClientSampleId :
PB163883BL



Tgt Ion:244 Resp: 1285285
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 10.8 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2278
Delta R.T. -0.012 min
Lab File: BF139645.D
Acq: 04 Oct 2024 09:29

Tgt Ion:264 Resp: 210145
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 21.5 16.9 25.3

