

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139018.D
 Acq On : 15 Aug 2024 12:45
 Operator : RC/JU
 Sample : PB162683TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162683TB

Quant Time: Aug 15 13:19:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	40442	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	164070	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	95368	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	175353	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	95720	20.000	ng	0.00
86) Perylene-d12	15.468	264	77597	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	322764	123.197	ng	0.00
7) Phenol-d6	6.487	99	421102	119.717	ng	0.00
23) Nitrobenzene-d5	7.404	82	279001	83.140	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	96259	123.221	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	518539	81.694	ng	-0.02
79) Terphenyl-d14	12.939	244	601688	105.243	ng	0.00

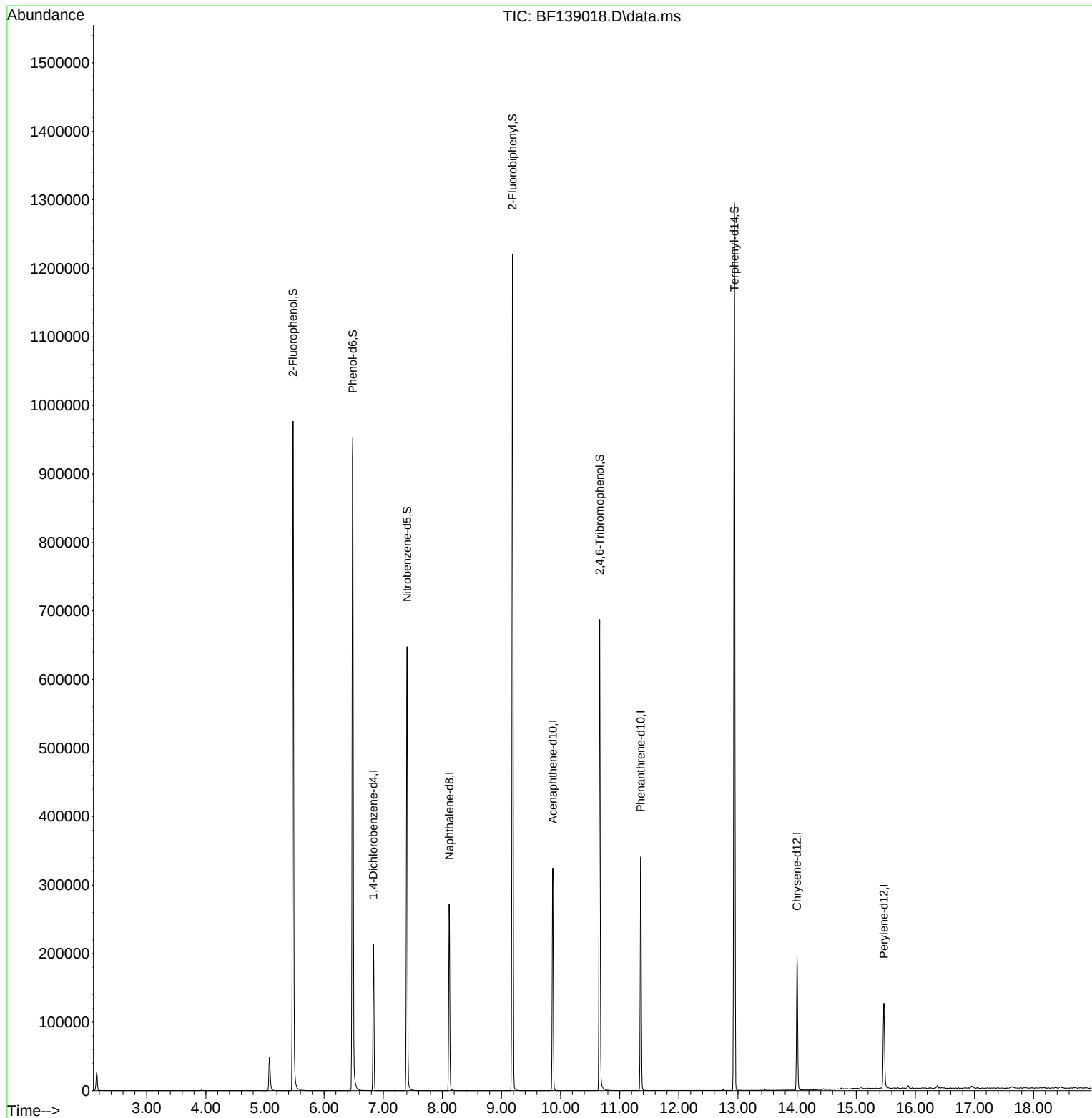
Target Compounds	Qvalue

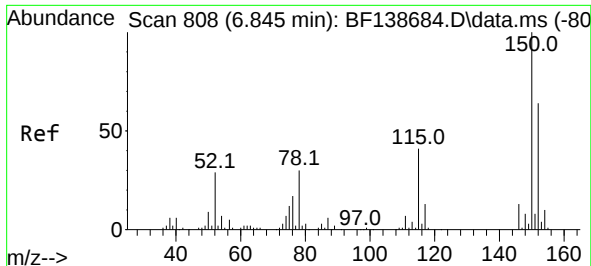
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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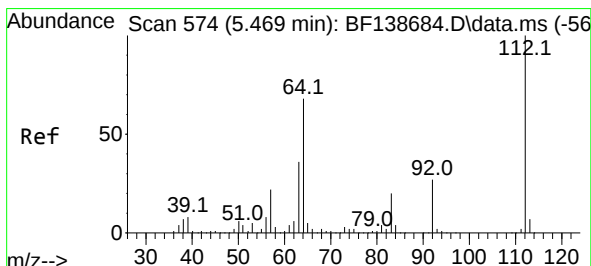
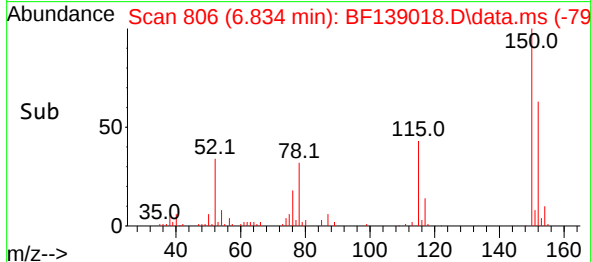
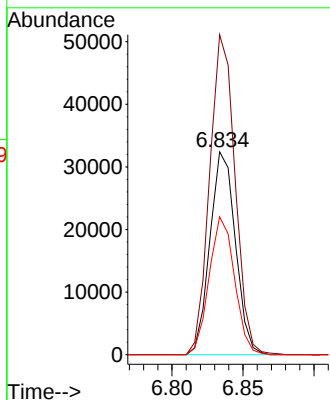
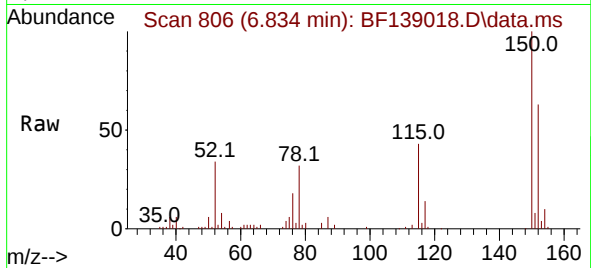




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139018.D
Acq: 15 Aug 2024 12:45

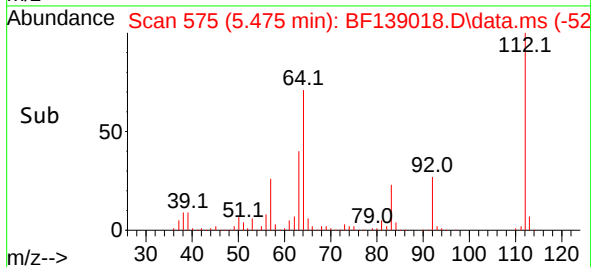
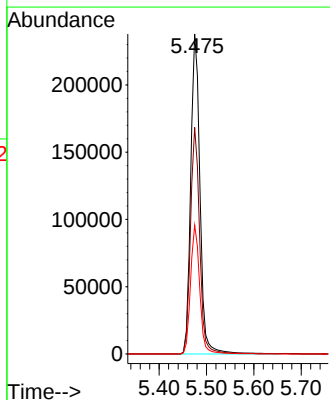
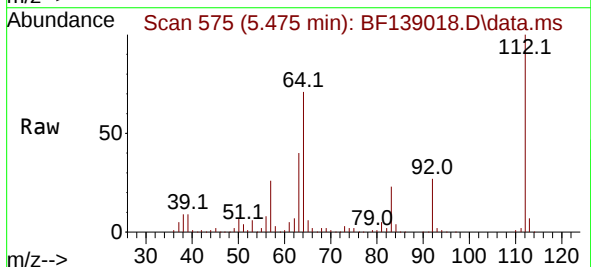
Instrument :
BNA_F
ClientSampleId :
PB162683TB

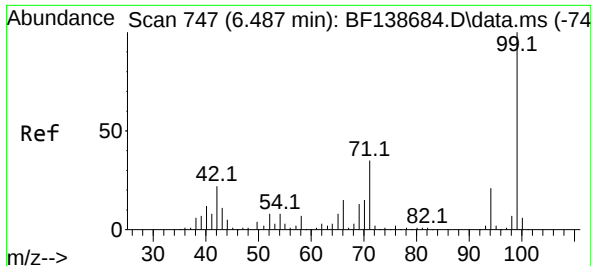
Tgt Ion:152 Resp: 40442
Ion Ratio Lower Upper
152 100
150 157.7 126.0 189.0
115 68.0 51.7 77.5



#5
2-Fluorophenol
Concen: 123.197 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF139018.D
Acq: 15 Aug 2024 12:45

Tgt Ion:112 Resp: 322764
Ion Ratio Lower Upper
112 100
64 70.8 54.2 81.4
63 40.3 28.7 43.1

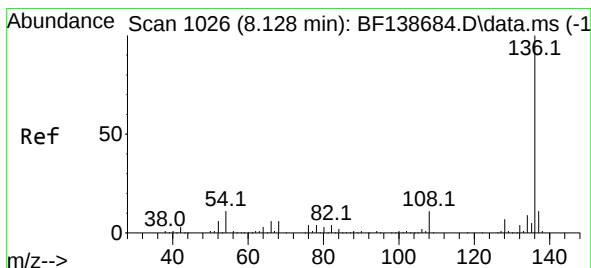
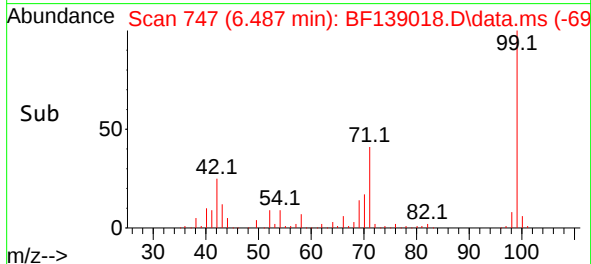
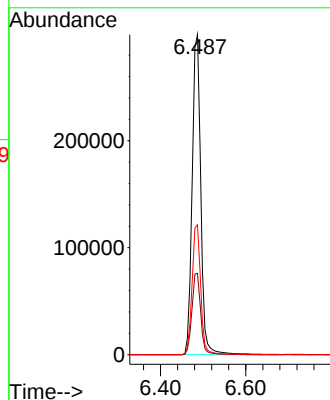
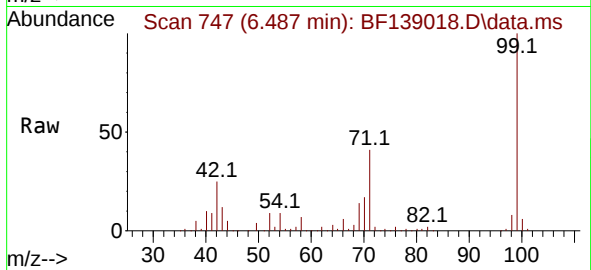




#7
Phenol-d6
Concen: 119.717 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF139018.D
Acq: 15 Aug 2024 12:45

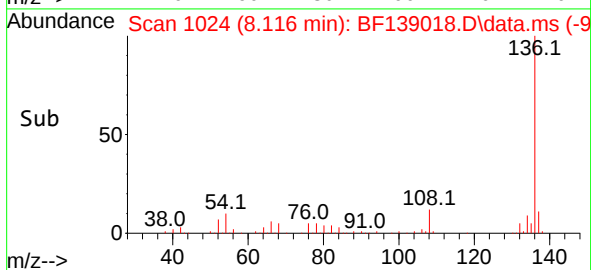
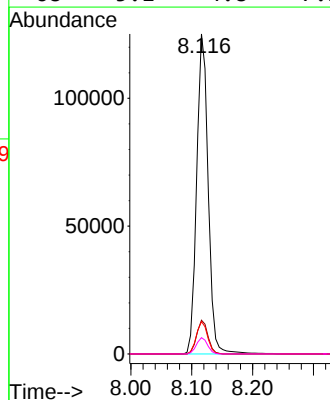
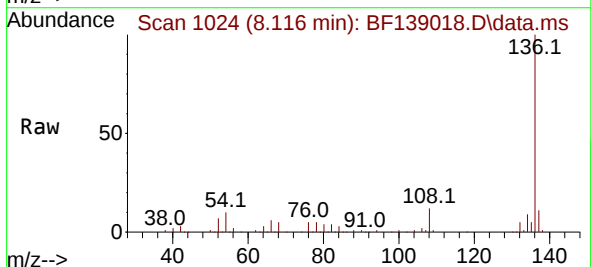
Instrument :
BNA_F
ClientSampleId :
PB162683TB

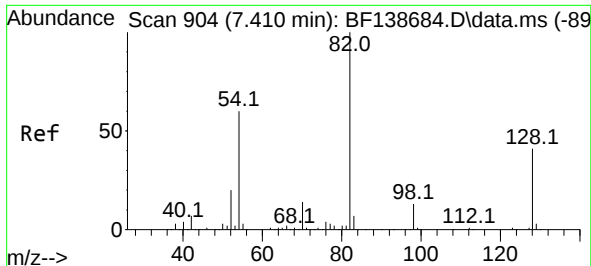
Tgt Ion: 99 Resp: 421102
Ion Ratio Lower Upper
99 100
42 25.4 17.4 26.0
71 40.6 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139018.D
Acq: 15 Aug 2024 12:45

Tgt Ion: 136 Resp: 164070
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 10.1 8.6 12.8
68 5.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 83.140 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF139018.D

Acq: 15 Aug 2024 12:45

Instrument :

BNA_F

ClientSampleId :

PB162683TB

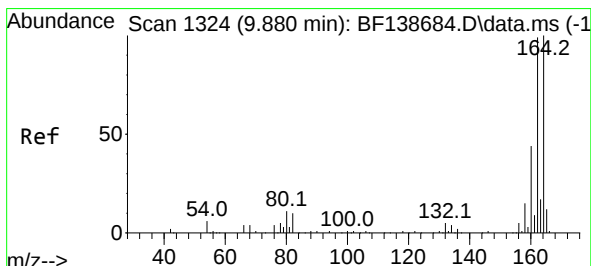
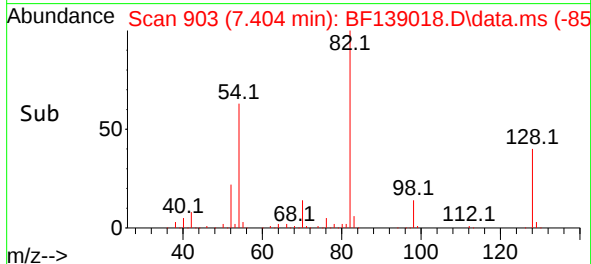
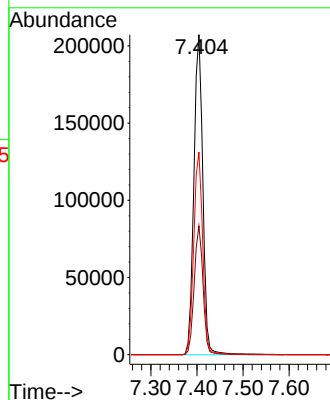
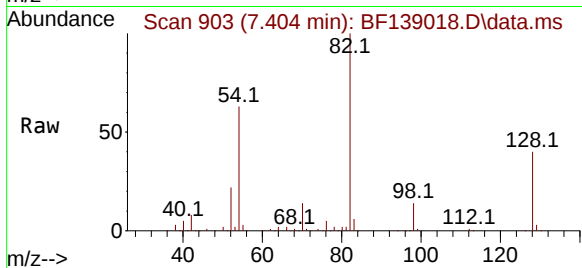
Tgt Ion: 82 Resp: 279001

Ion Ratio Lower Upper

82 100

128 40.2 32.8 49.2

54 63.3 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.011 min

Lab File: BF139018.D

Acq: 15 Aug 2024 12:45

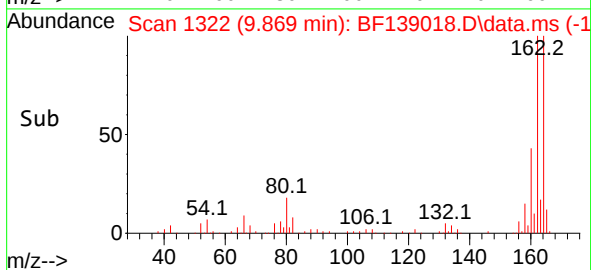
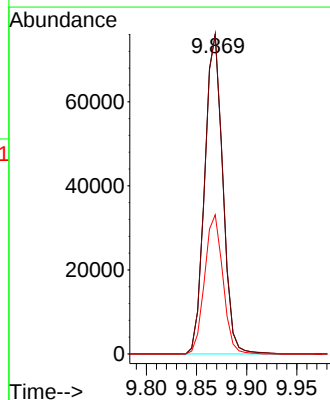
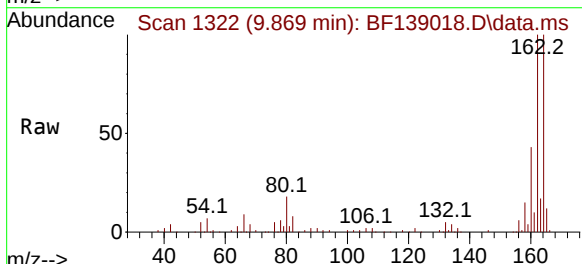
Tgt Ion:164 Resp: 95368

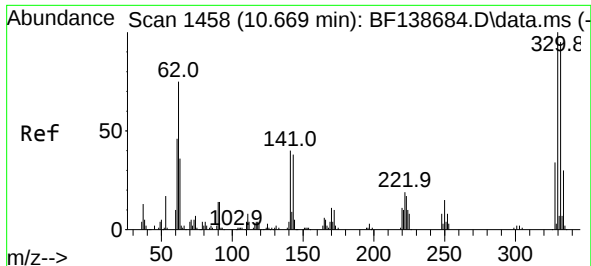
Ion Ratio Lower Upper

164 100

162 100.3 79.4 119.0

160 43.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 123.221 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF139018.D

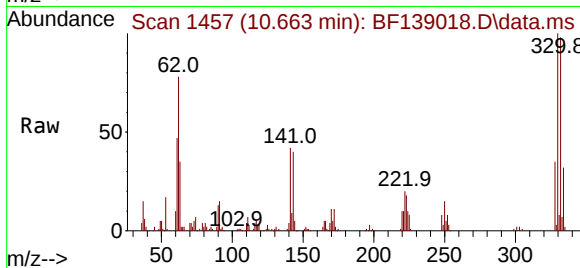
Acq: 15 Aug 2024 12:45

Instrument :

BNA_F

ClientSampleId :

PB162683TB



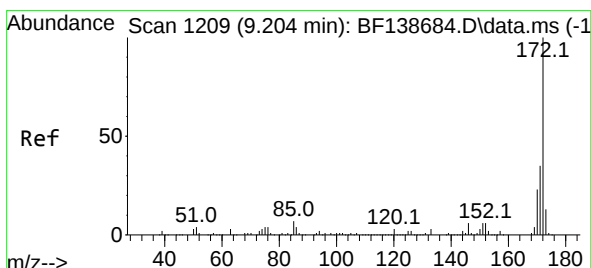
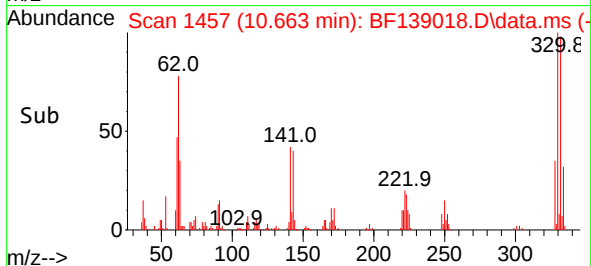
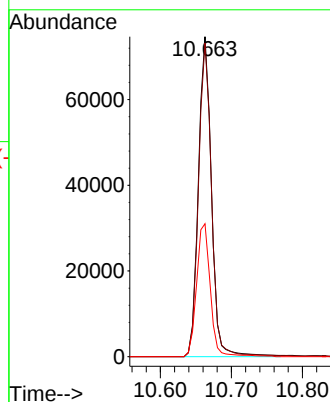
Tgt Ion:330 Resp: 96259

Ion Ratio Lower Upper

330 100

332 97.9 76.4 114.6

141 43.5 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 81.694 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF139018.D

Acq: 15 Aug 2024 12:45

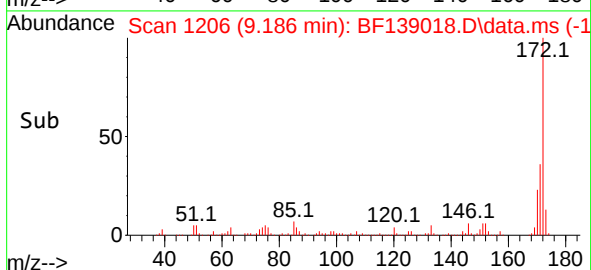
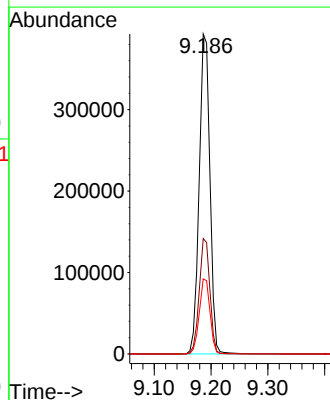
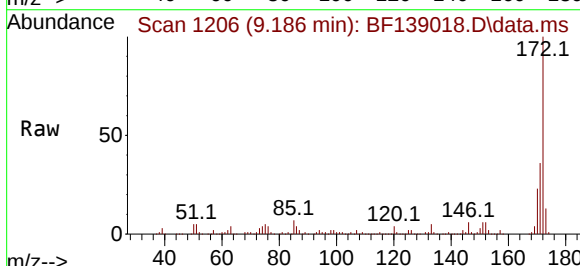
Tgt Ion:172 Resp: 518539

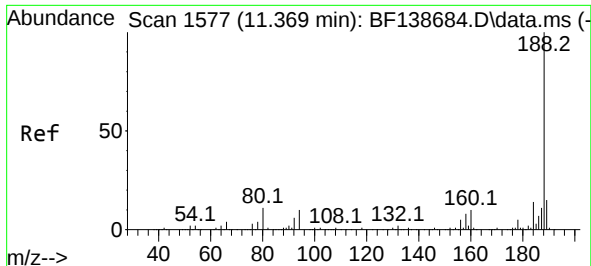
Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.5 18.8 28.2

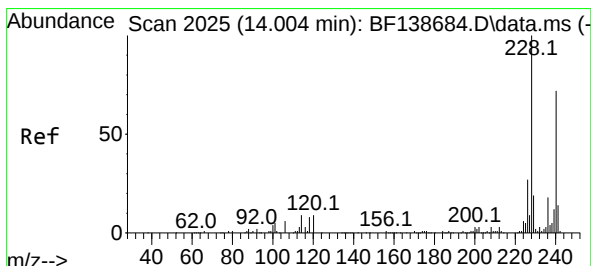
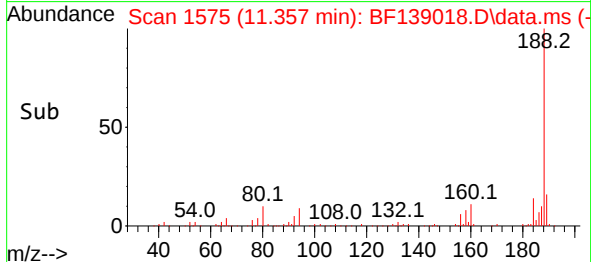
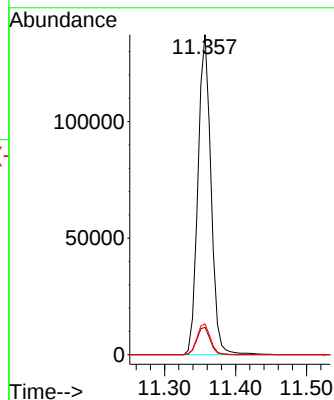
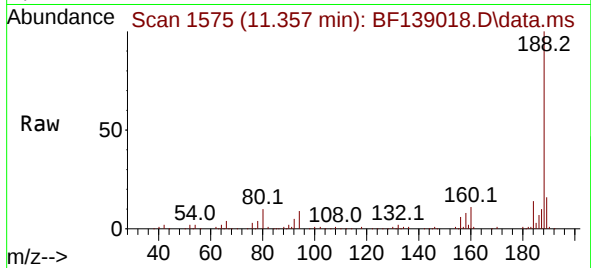




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139018.D
Acq: 15 Aug 2024 12:45

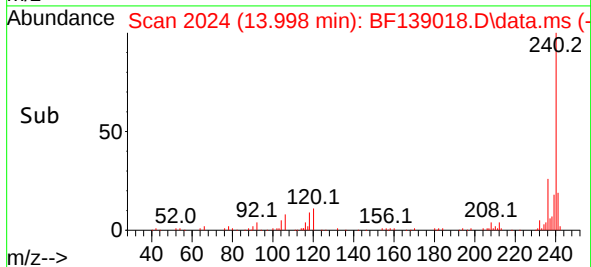
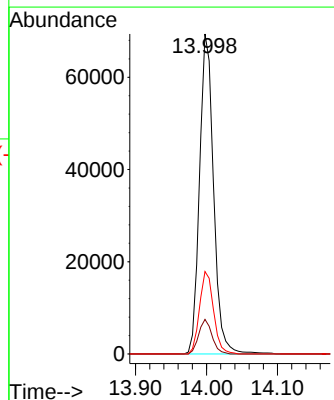
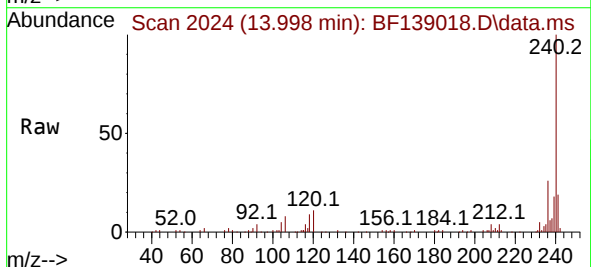
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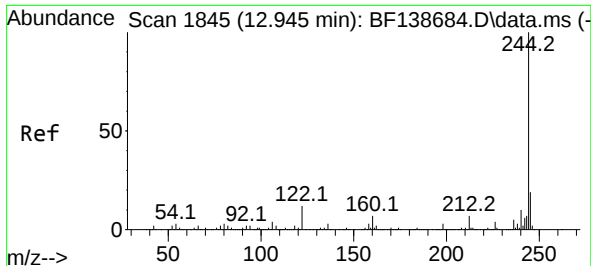
Tgt Ion:188 Resp: 175353
Ion Ratio Lower Upper
188 100
94 8.5 7.6 11.4
80 9.6 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139018.D
Acq: 15 Aug 2024 12:45

Tgt Ion:240 Resp: 95720
Ion Ratio Lower Upper
240 100
120 10.8 10.2 15.4
236 25.8 19.8 29.8

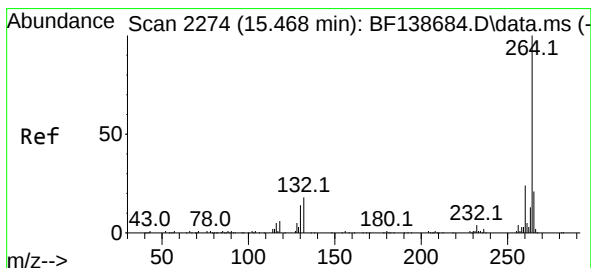
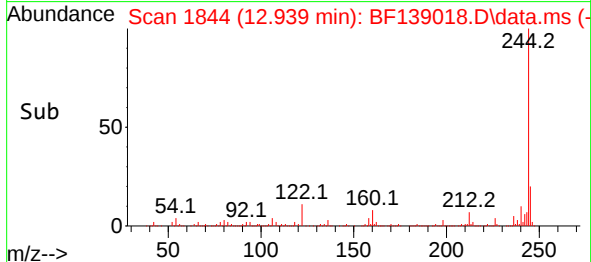
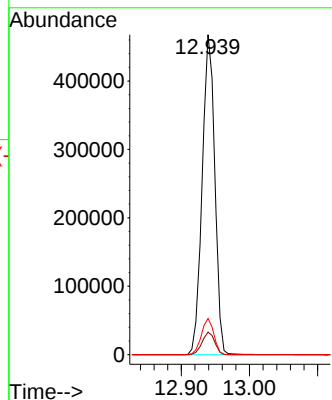
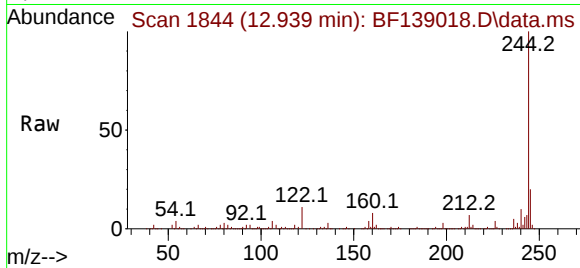




#79
 Terphenyl-d14
 Concen: 105.243 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF139018.D
 Acq: 15 Aug 2024 12:45

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 601688
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.3 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2274
 Delta R.T. -0.000 min
 Lab File: BF139018.D
 Acq: 15 Aug 2024 12:45

Tgt Ion:264 Resp: 77597
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.6
 265 21.7 17.0 25.6

