

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139031.D
 Acq On : 15 Aug 2024 19:41
 Operator : RC/JU
 Sample : P3580-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 922-K1-SD-0-0.5-081224

Quant Time: Aug 16 00:27:30 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	35229	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	140620	20.000	ng	-0.01
39) Acenaphthene-d10	9.863	164	77484	20.000	ng	-0.02
64) Phenanthrene-d10	11.357	188	134048	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	63591	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	67654	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	166969	73.162	ng	0.00
7) Phenol-d6	6.481	99	224936	73.411	ng	0.00
23) Nitrobenzene-d5	7.398	82	148275	51.553	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	49405	77.840	ng	-0.01
45) 2-Fluorobiphenyl	9.187	172	255412	49.527	ng	-0.02
79) Terphenyl-d14	12.933	244	204528	53.850	ng	-0.01

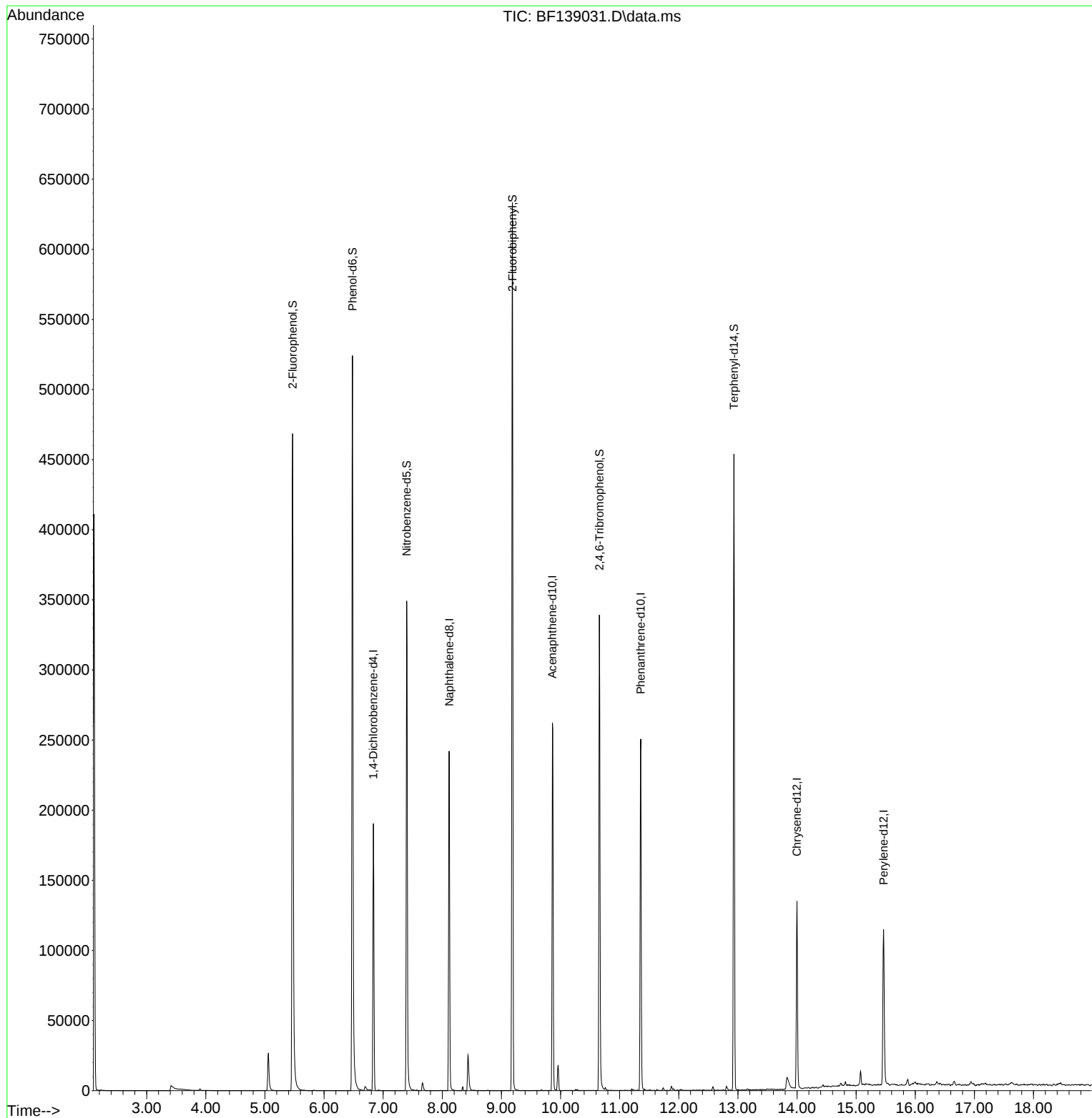
Target Compounds	Qvalue

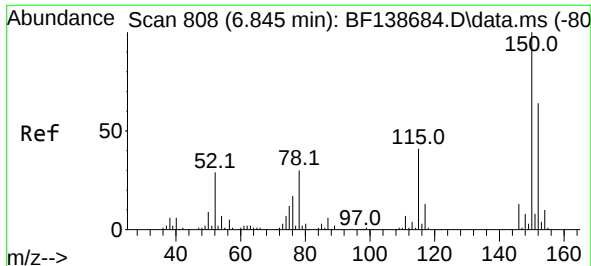
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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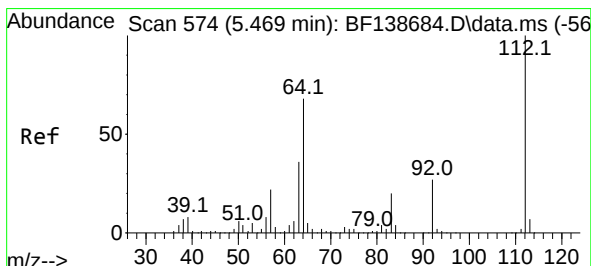
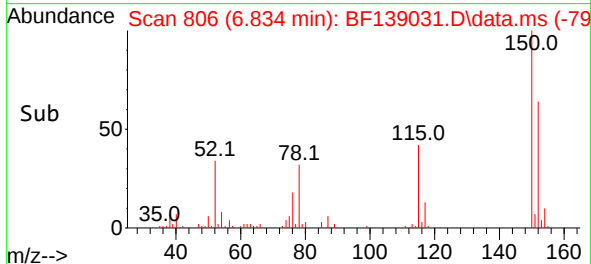
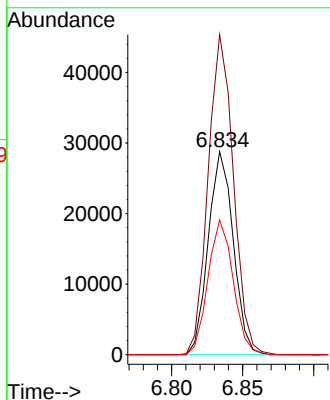
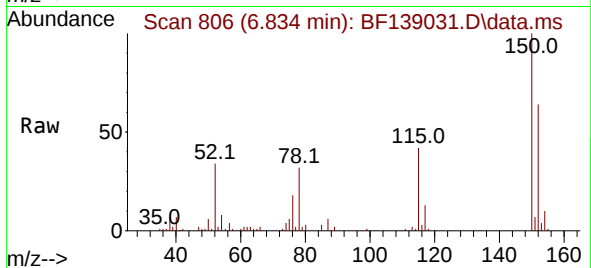




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139031.D
Acq: 15 Aug 2024 19:41

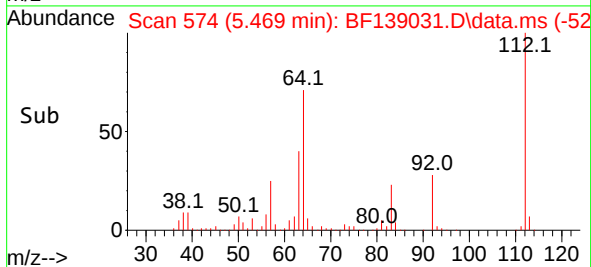
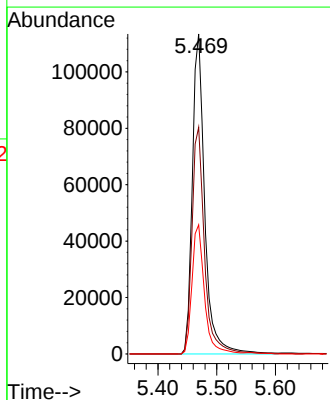
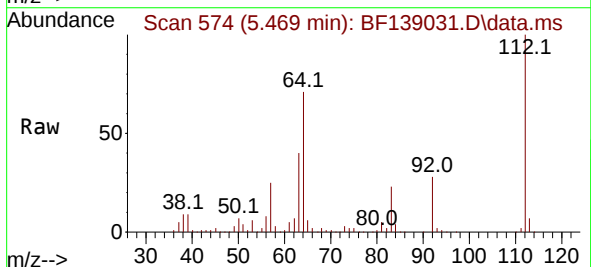
Instrument :
BNA_F
ClientSampleId :
922-K1-SD-0-0.5-081224

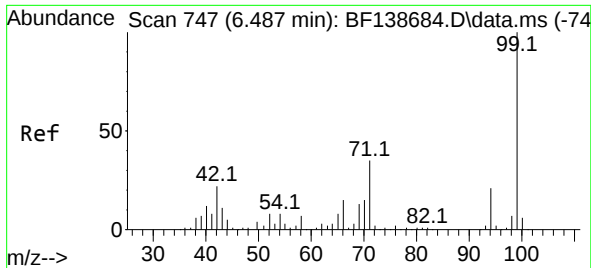
Tgt Ion:152 Resp: 35229
Ion Ratio Lower Upper
152 100
150 157.5 126.0 189.0
115 66.3 51.7 77.5



#5
2-Fluorophenol
Concen: 73.162 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF139031.D
Acq: 15 Aug 2024 19:41

Tgt Ion:112 Resp: 166969
Ion Ratio Lower Upper
112 100
64 70.9 54.2 81.4
63 40.4 28.7 43.1

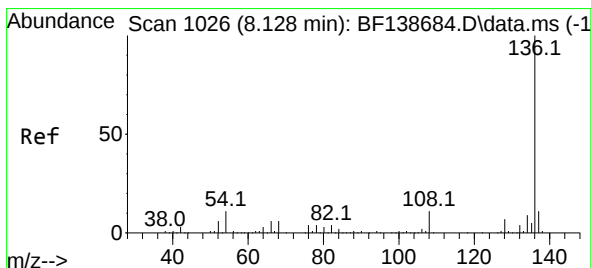
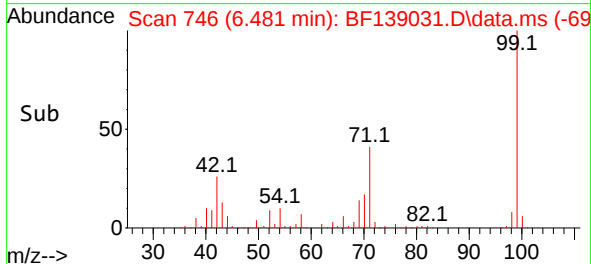
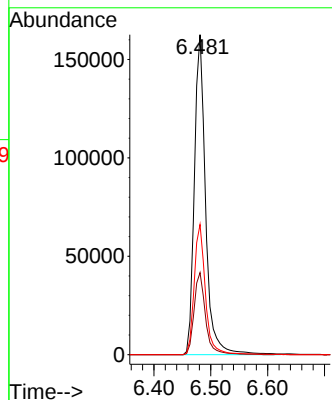
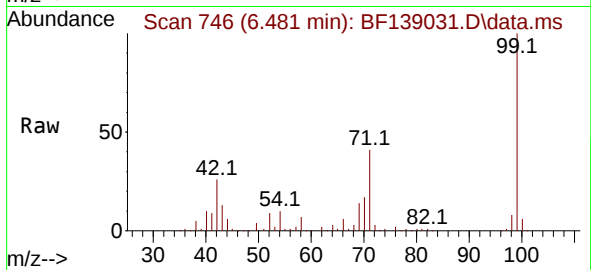




#7
Phenol-d6
Concen: 73.411 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139031.D
Acq: 15 Aug 2024 19:41

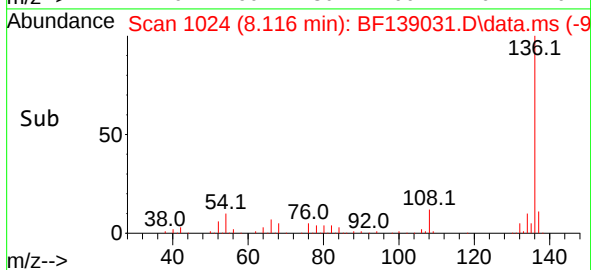
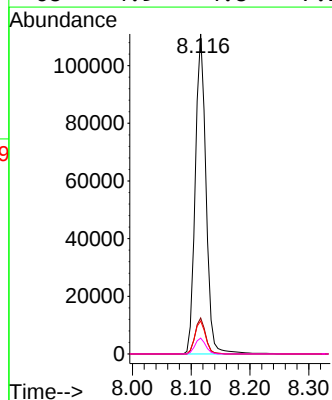
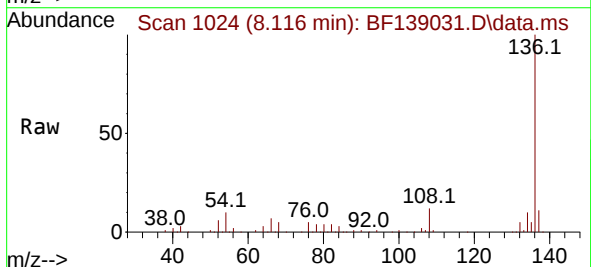
Instrument :
BNA_F
ClientSampleId :
922-K1-SD-0-0.5-081224

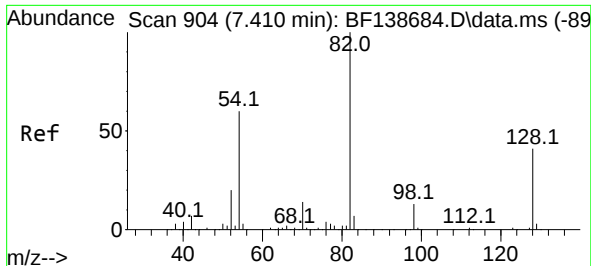
Tgt Ion: 99 Resp: 224936
Ion Ratio Lower Upper
99 100
42 25.7 17.4 26.0
71 40.7 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139031.D
Acq: 15 Aug 2024 19:41

Tgt Ion: 136 Resp: 140620
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 10.3 8.6 12.8
68 4.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 51.553 ng

RT: 7.398 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF139031.D

Acq: 15 Aug 2024 19:41

Instrument :

BNA_F

ClientSampleId :

922-K1-SD-0-0.5-081224

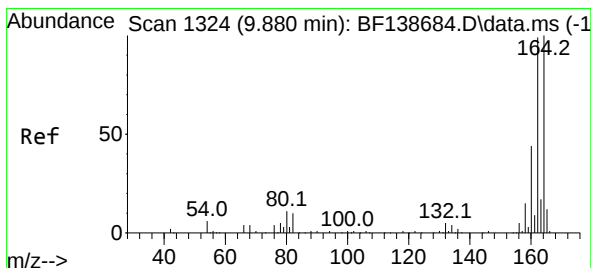
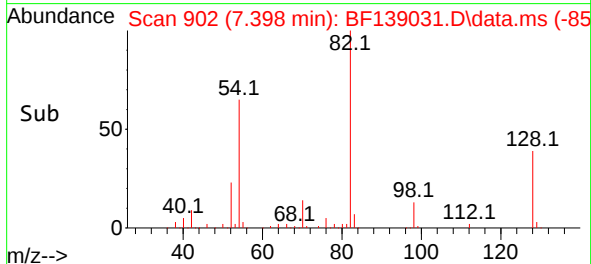
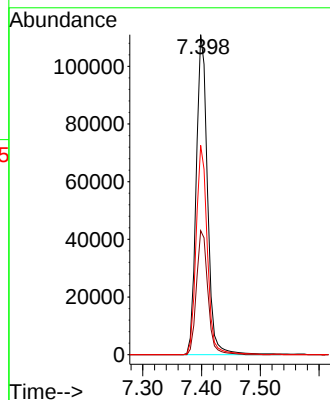
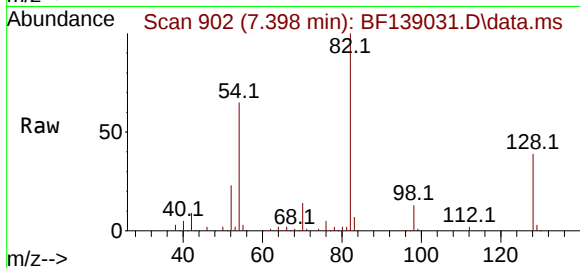
Tgt Ion: 82 Resp: 148275

Ion Ratio Lower Upper

82 100

128 38.8 32.8 49.2

54 65.4 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.017 min

Lab File: BF139031.D

Acq: 15 Aug 2024 19:41

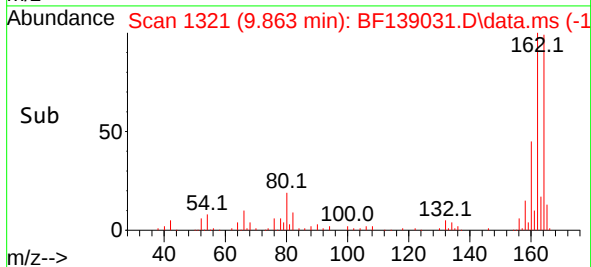
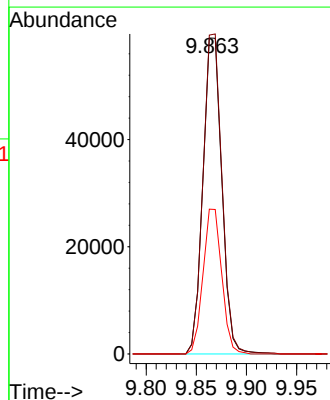
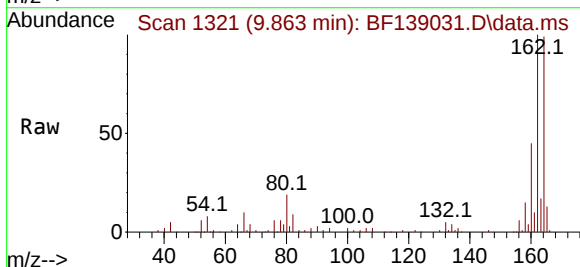
Tgt Ion:164 Resp: 77484

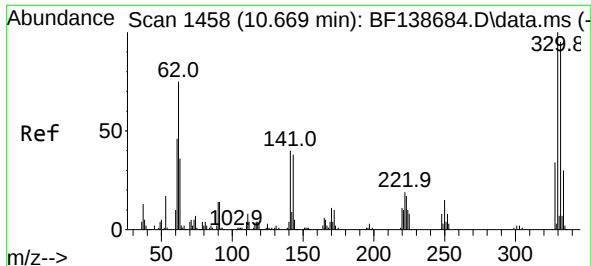
Ion Ratio Lower Upper

164 100

162 100.9 79.4 119.0

160 45.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 77.840 ng

RT: 10.657 min Scan# 1458

Delta R.T. -0.012 min

Lab File: BF139031.D

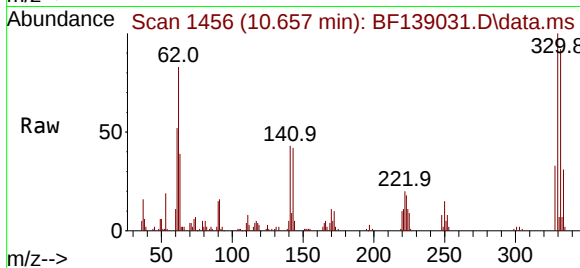
Acq: 15 Aug 2024 19:41

Instrument :

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ClientSampleId :

922-K1-SD-0-0.5-081224



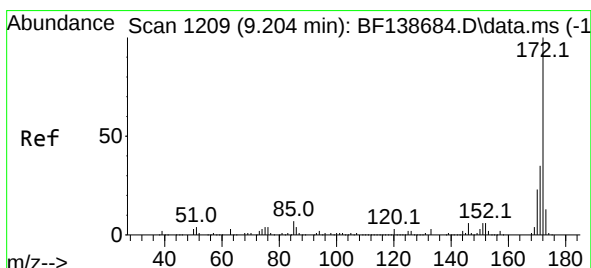
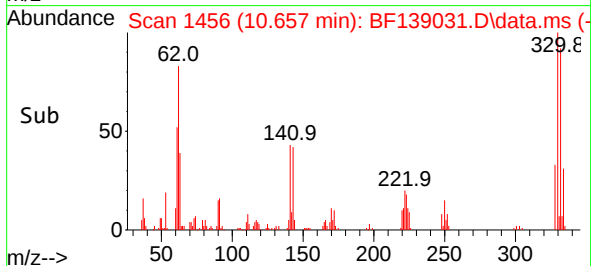
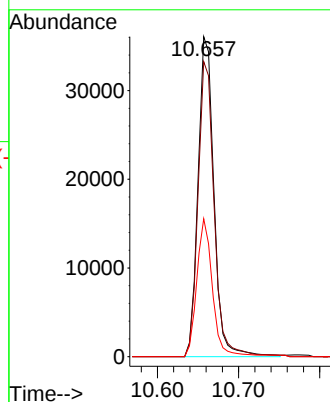
Tgt Ion:330 Resp: 49405

Ion Ratio Lower Upper

330 100

332 93.6 76.4 114.6

141 42.8 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 49.527 ng

RT: 9.187 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF139031.D

Acq: 15 Aug 2024 19:41

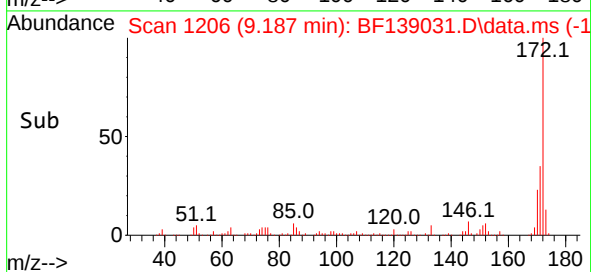
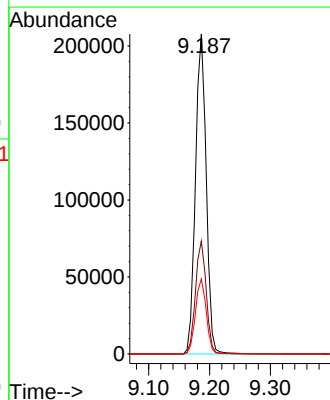
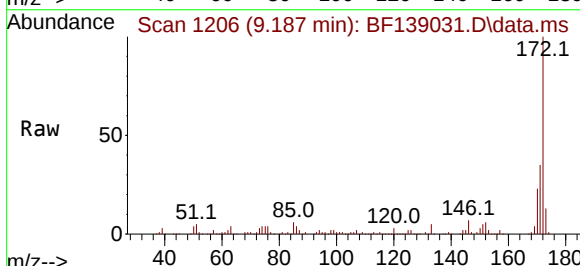
Tgt Ion:172 Resp: 255412

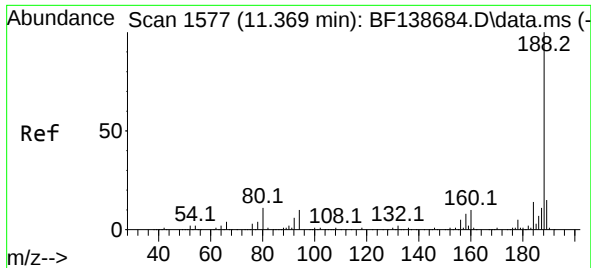
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.4 18.8 28.2

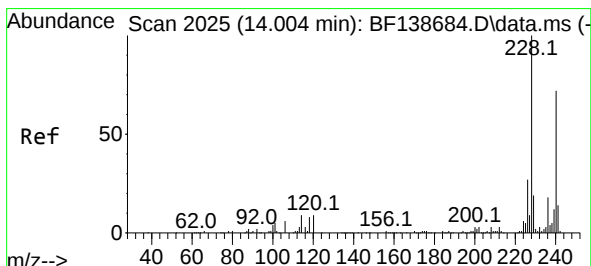
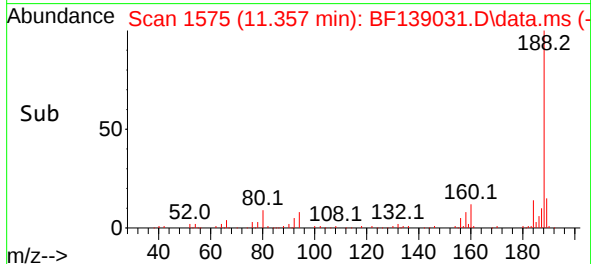
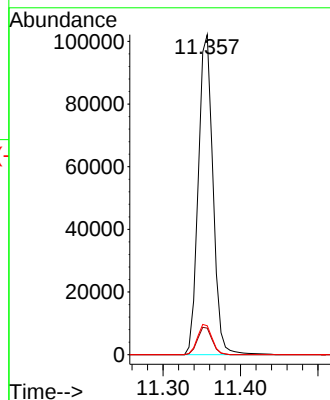
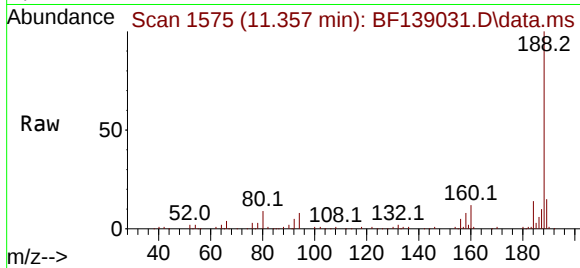




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139031.D
Acq: 15 Aug 2024 19:41

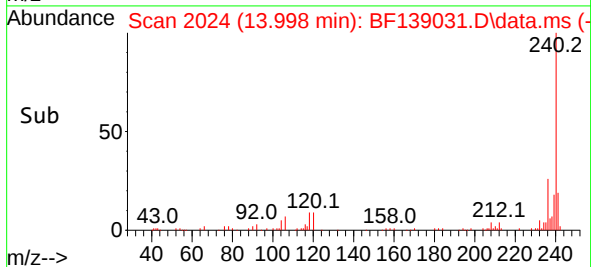
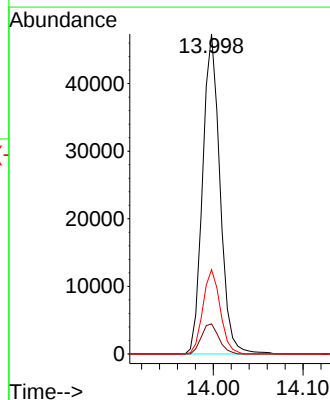
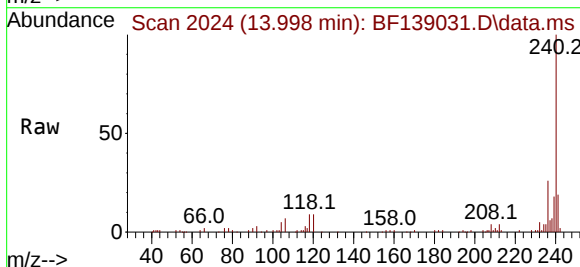
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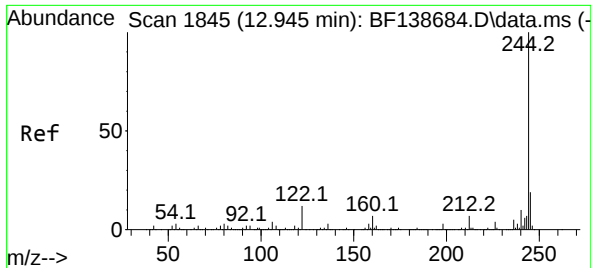
Tgt Ion:188 Resp: 134048
Ion Ratio Lower Upper
188 100
94 8.3 7.6 11.4
80 9.1 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139031.D
Acq: 15 Aug 2024 19:41

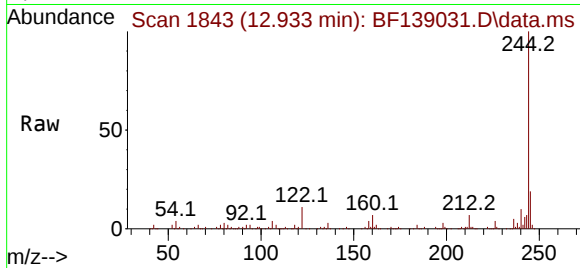
Tgt Ion:240 Resp: 63591
Ion Ratio Lower Upper
240 100
120 9.4 10.2 15.4#
236 26.3 19.8 29.8



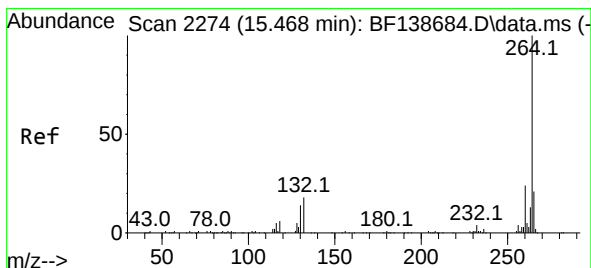
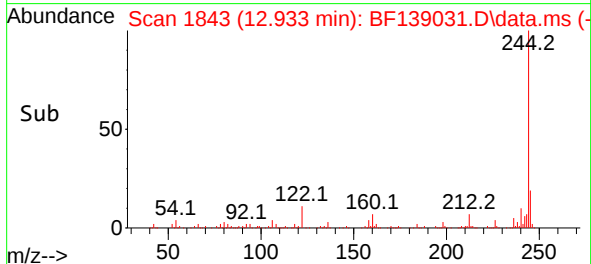
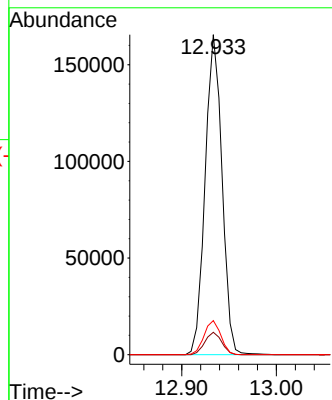


#79
 Terphenyl-d14
 Concen: 53.850 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.012 min
 Lab File: BF139031.D
 Acq: 15 Aug 2024 19:41

Instrument :
 BNA_F
 ClientSampleId :
 922-K1-SD-0-0.5-081224



Tgt Ion:244 Resp: 204528
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 10.6 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF139031.D
 Acq: 15 Aug 2024 19:41

Tgt Ion:264 Resp: 67654
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.6
 265 22.4 17.0 25.6

