

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
 Data File : BF134762.D
 Acq On : 14 Aug 2023 16:36
 Operator : CG\JU
 Sample : 03989-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP16

Quant Time: Aug 15 00:32:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	159961	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	597169	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	281528	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	488260	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	324948	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	303431	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	728650	69.243	ng	0.00
7) Phenol-d6	6.434	99	873791	64.958	ng	0.00
23) Nitrobenzene-d5	7.357	82	519477	54.362	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	221053	77.024	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	931218	54.997	ng	-0.01
79) Terphenyl-d14	12.915	244	972146	52.740	ng	0.00

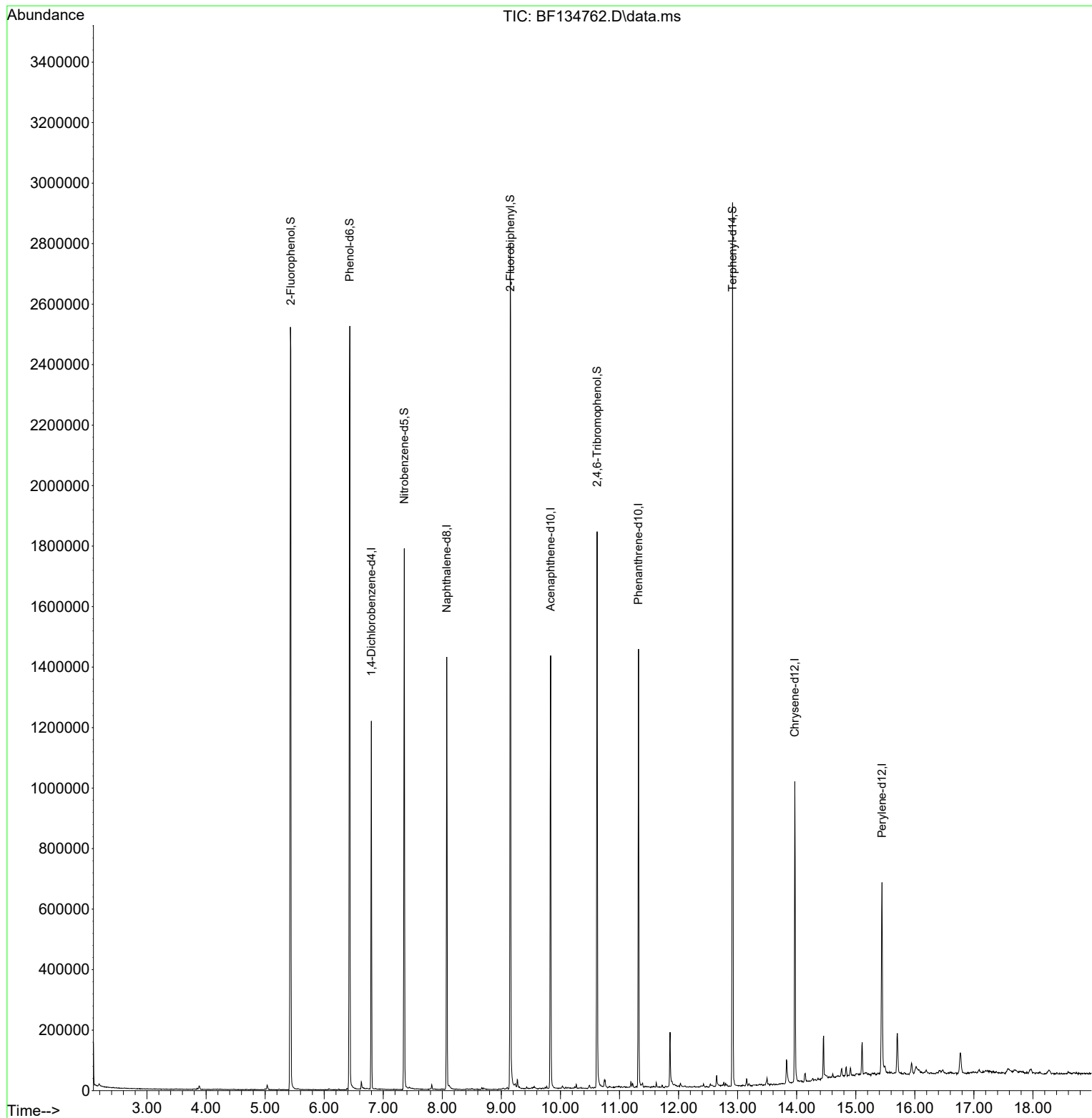
Target Compounds	Qvalue

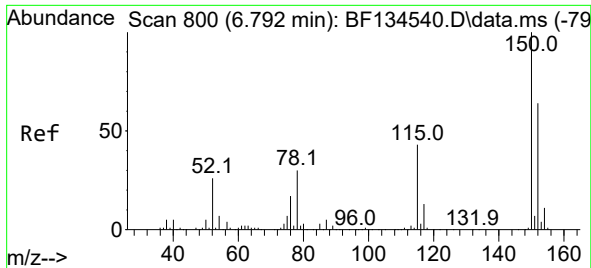
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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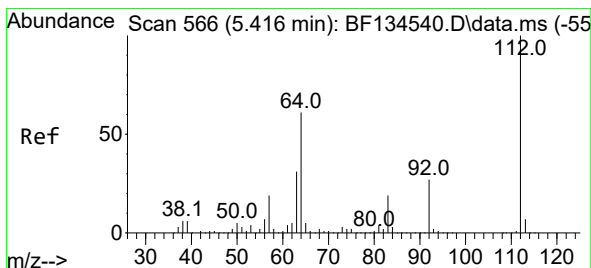
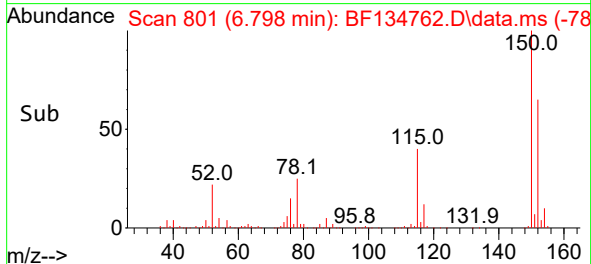
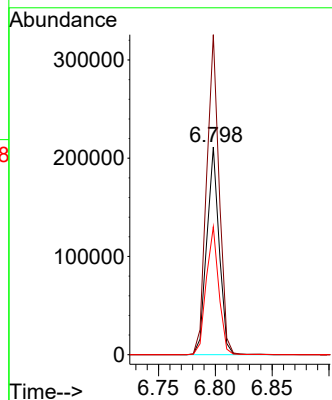
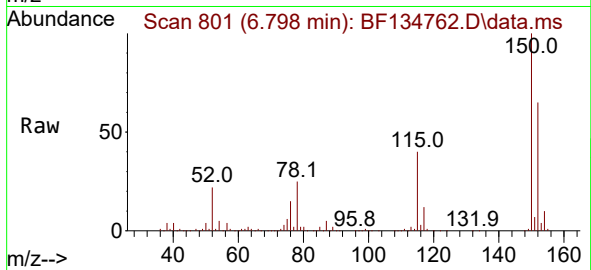




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134762.D
Acq: 14 Aug 2023 16:36

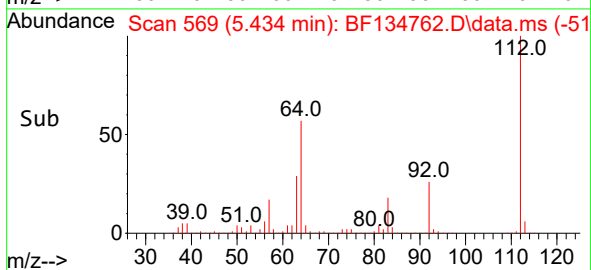
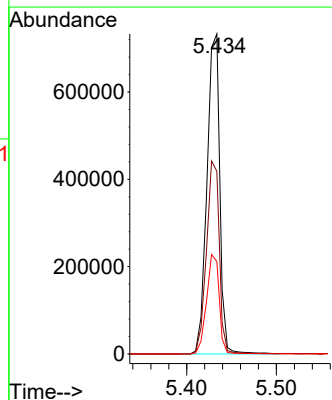
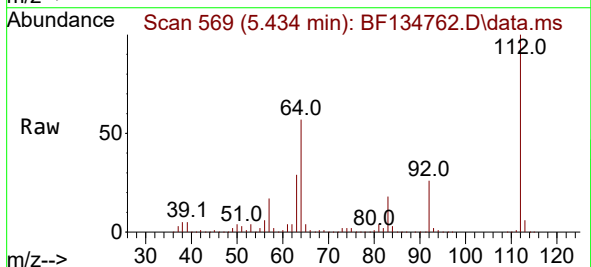
Instrument :
BNA_F
ClientSampleId :
B-PP16

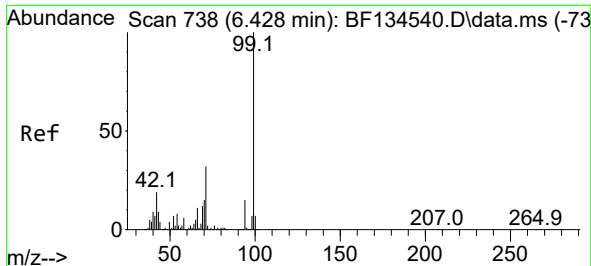
Tgt Ion:152 Resp: 159961
Ion Ratio Lower Upper
152 100
150 154.1 128.3 192.5
115 61.6 52.4 78.6



#5
2-Fluorophenol
Concen: 69.243 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF134762.D
Acq: 14 Aug 2023 16:36

Tgt Ion:112 Resp: 728650
Ion Ratio Lower Upper
112 100
64 57.1 44.9 67.3
63 28.9 25.4 38.0

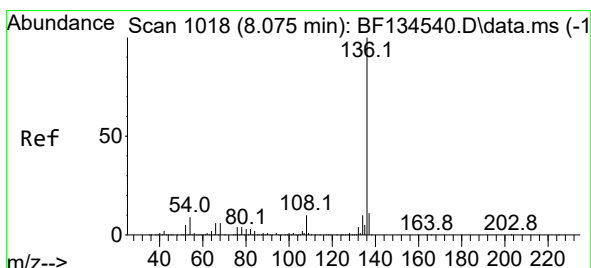
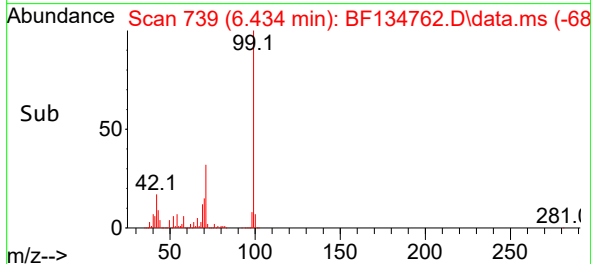
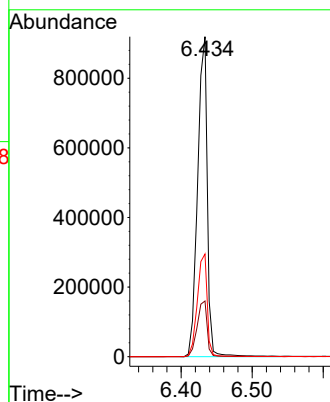
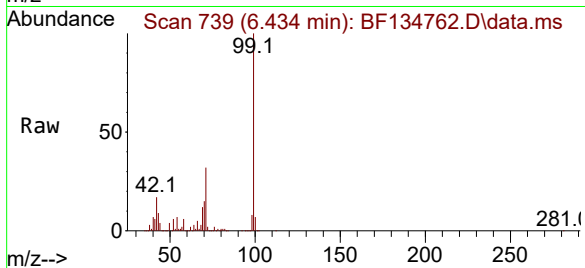




#7
Phenol-d6
Concen: 64.958 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134762.D
Acq: 14 Aug 2023 16:36

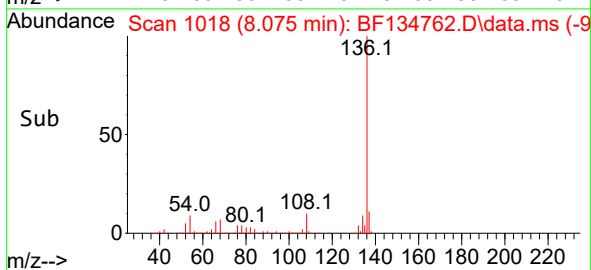
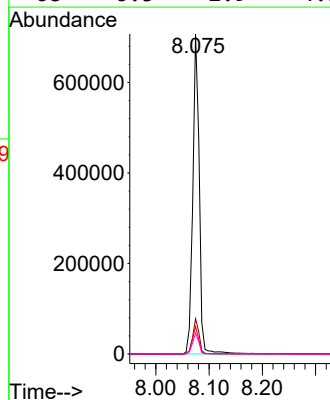
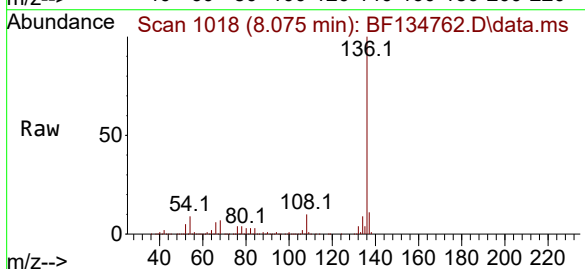
Instrument :
BNA_F
ClientSampleId :
B-PP16

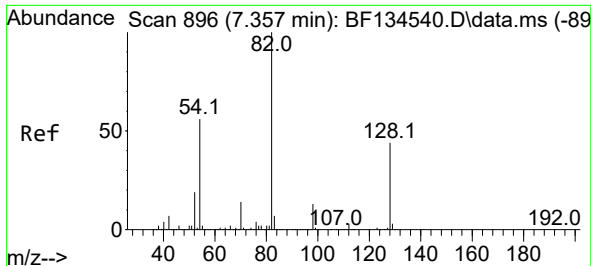
Tgt Ion: 99 Resp: 873791
Ion Ratio Lower Upper
99 100
42 17.4 18.7 28.1#
71 32.1 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134762.D
Acq: 14 Aug 2023 16:36

Tgt Ion: 136 Resp: 597169
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.6 5.2 7.8#
68 6.5 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 54.362 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134762.D

Acq: 14 Aug 2023 16:36

Instrument :

BNA_F

ClientSampleId :

B-PP16

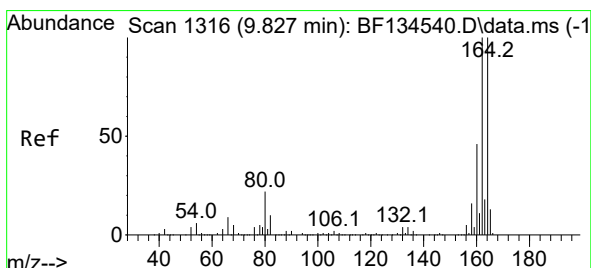
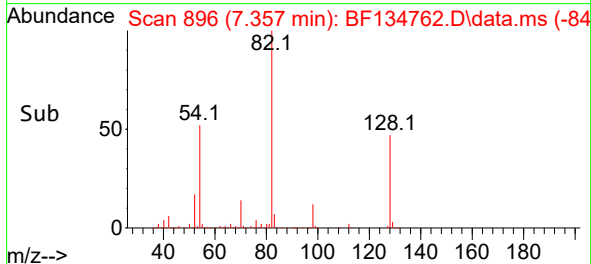
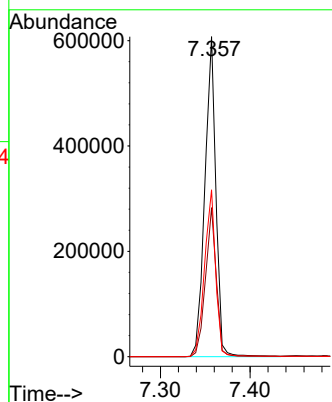
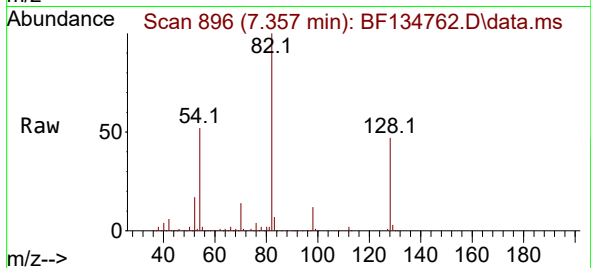
Tgt Ion: 82 Resp: 519477

Ion Ratio Lower Upper

82 100

128 46.6 34.3 51.5

54 52.2 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.000 min

Lab File: BF134762.D

Acq: 14 Aug 2023 16:36

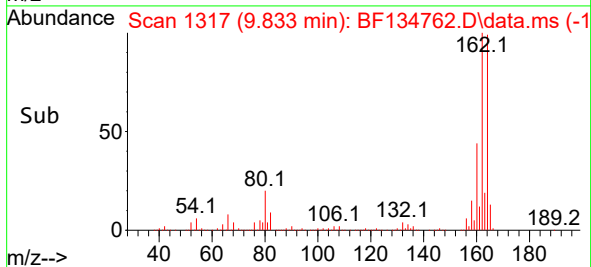
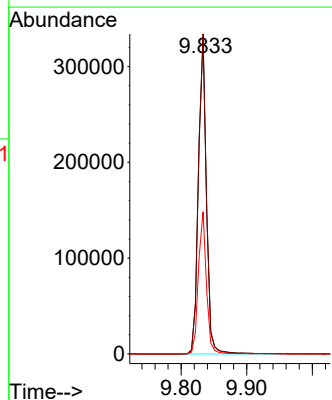
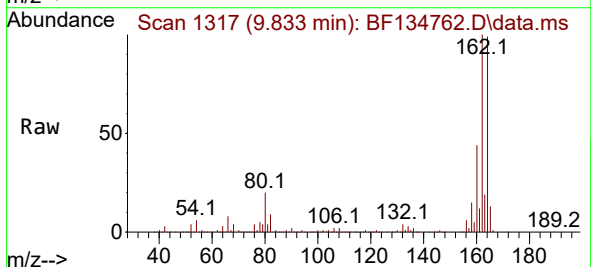
Tgt Ion: 164 Resp: 281528

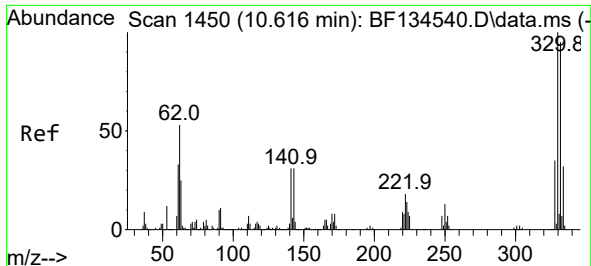
Ion Ratio Lower Upper

164 100

162 101.1 82.6 123.8

160 44.9 37.2 55.8

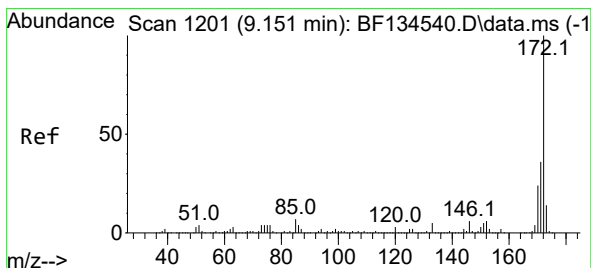
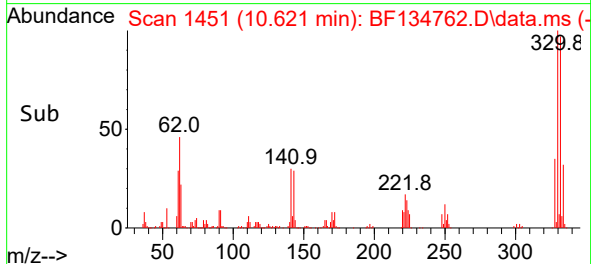
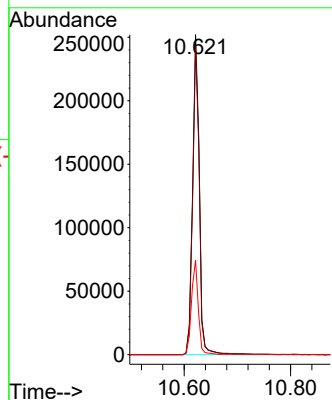
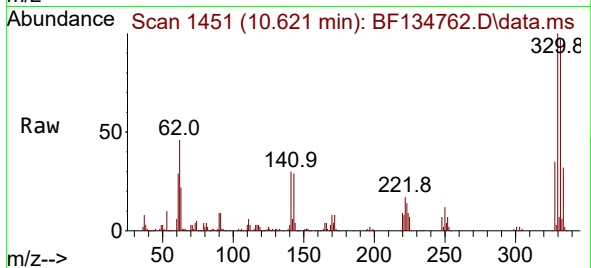




#42
 2,4,6-Tribromophenol
 Concen: 77.024 ng
 RT: 10.621 min Scan# 1451
 Delta R.T. -0.006 min
 Lab File: BF134762.D
 Acq: 14 Aug 2023 16:36

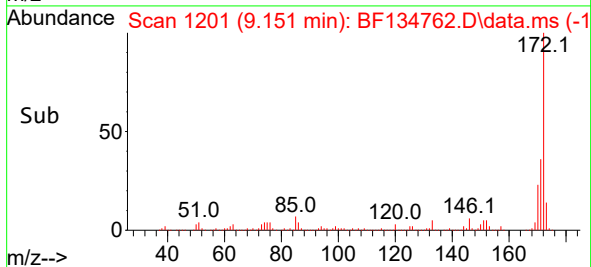
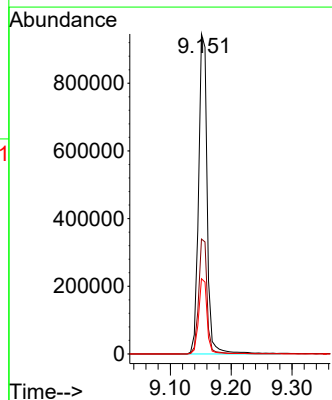
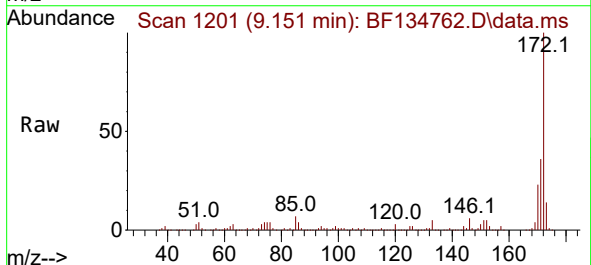
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 B-PP16

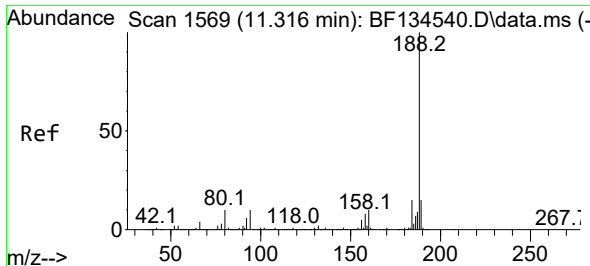
Tgt Ion: 330 Resp: 221053
 Ion Ratio Lower Upper
 330 100
 332 95.5 78.8 118.2
 141 29.7 25.4 38.2



#45
 2-Fluorobiphenyl
 Concen: 54.997 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. -0.012 min
 Lab File: BF134762.D
 Acq: 14 Aug 2023 16:36

Tgt Ion: 172 Resp: 931218
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.8 43.2
 170 23.5 18.7 28.1

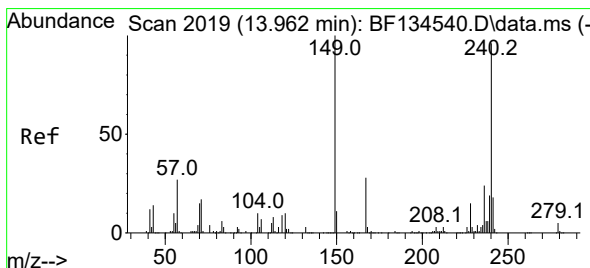
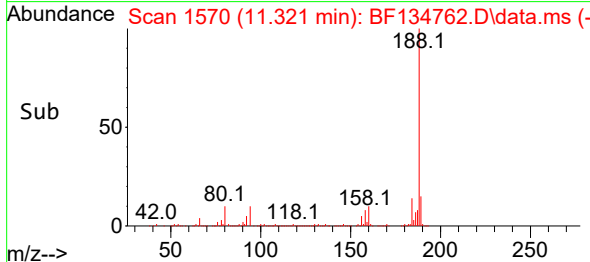
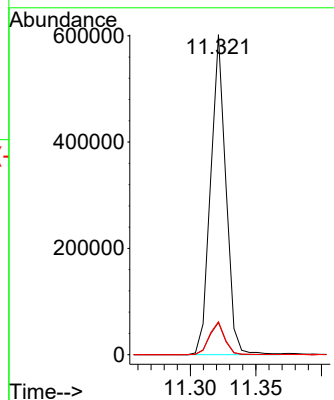
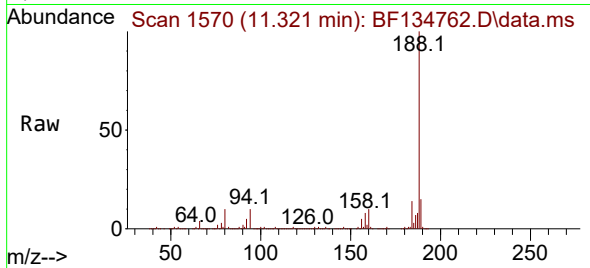




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134762.D
Acq: 14 Aug 2023 16:36

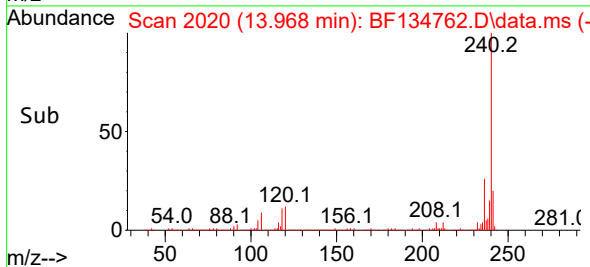
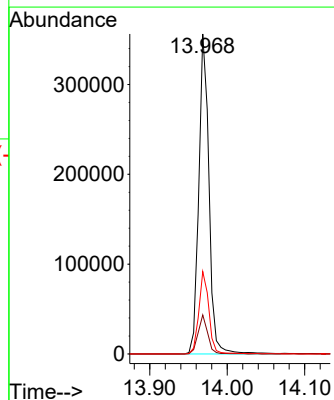
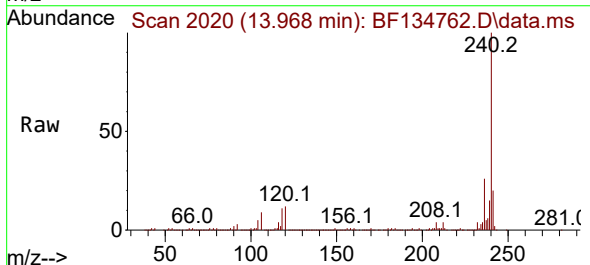
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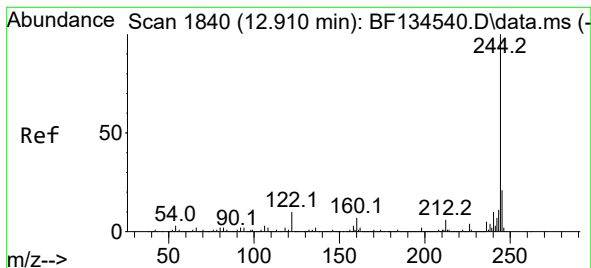
Tgt Ion:188 Resp: 488260
Ion Ratio Lower Upper
188 100
94 10.1 5.1 7.7#
80 10.3 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134762.D
Acq: 14 Aug 2023 16:36

Tgt Ion:240 Resp: 324948
Ion Ratio Lower Upper
240 100
120 12.2 6.6 10.0#
236 25.7 20.2 30.2





#79

Terphenyl-d14

Concen: 52.740 ng

RT: 12.915 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134762.D

Acq: 14 Aug 2023 16:36

Instrument :

BNA_F

ClientSampleId :

B-PP16

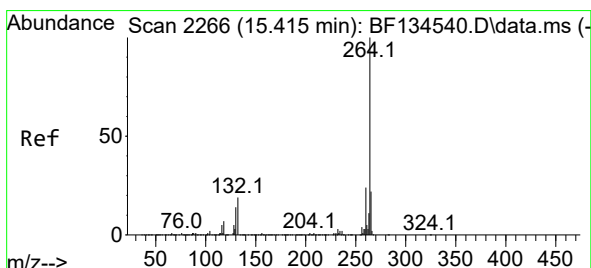
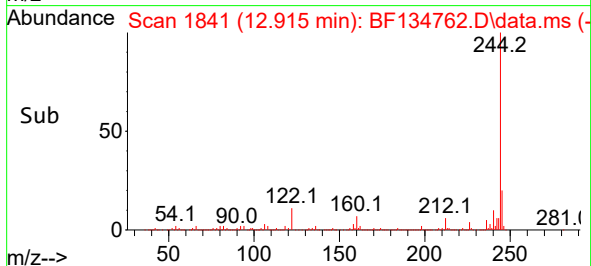
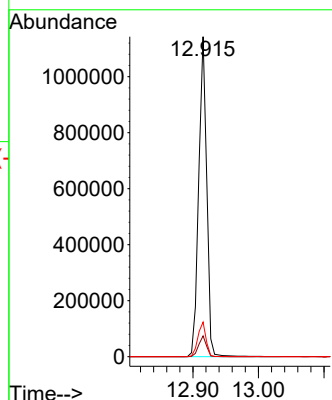
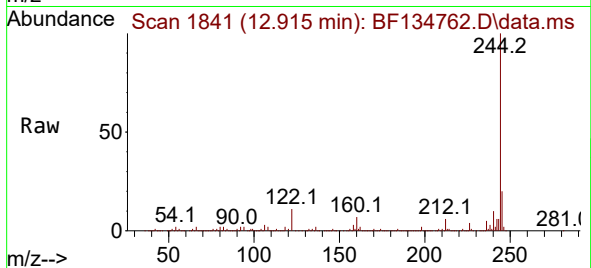
Tgt Ion:244 Resp: 972146

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 10.8 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF134762.D

Acq: 14 Aug 2023 16:36

Tgt Ion:264 Resp: 303431

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 21.5 15.8 23.8

