

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
 Data File : BF134531.D
 Acq On : 29 Jul 2023 00:10
 Operator : CG\JU
 Sample : 03645-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-(1-3)

Quant Time: Jul 29 01:29:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 12:16:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	99614	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	368068	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	164170	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	266517	20.000	ng	# 0.00
76) Chrysene-d12	14.016	240	176024	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	152338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	480258	79.655	ng	0.01
7) Phenol-d6	6.475	99	574170	77.727	ng	0.00
23) Nitrobenzene-d5	7.393	82	379320	52.141	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	153935	65.994	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	663691	53.072	ng	0.00
79) Terphenyl-d14	12.951	244	577061	57.228	ng	0.00

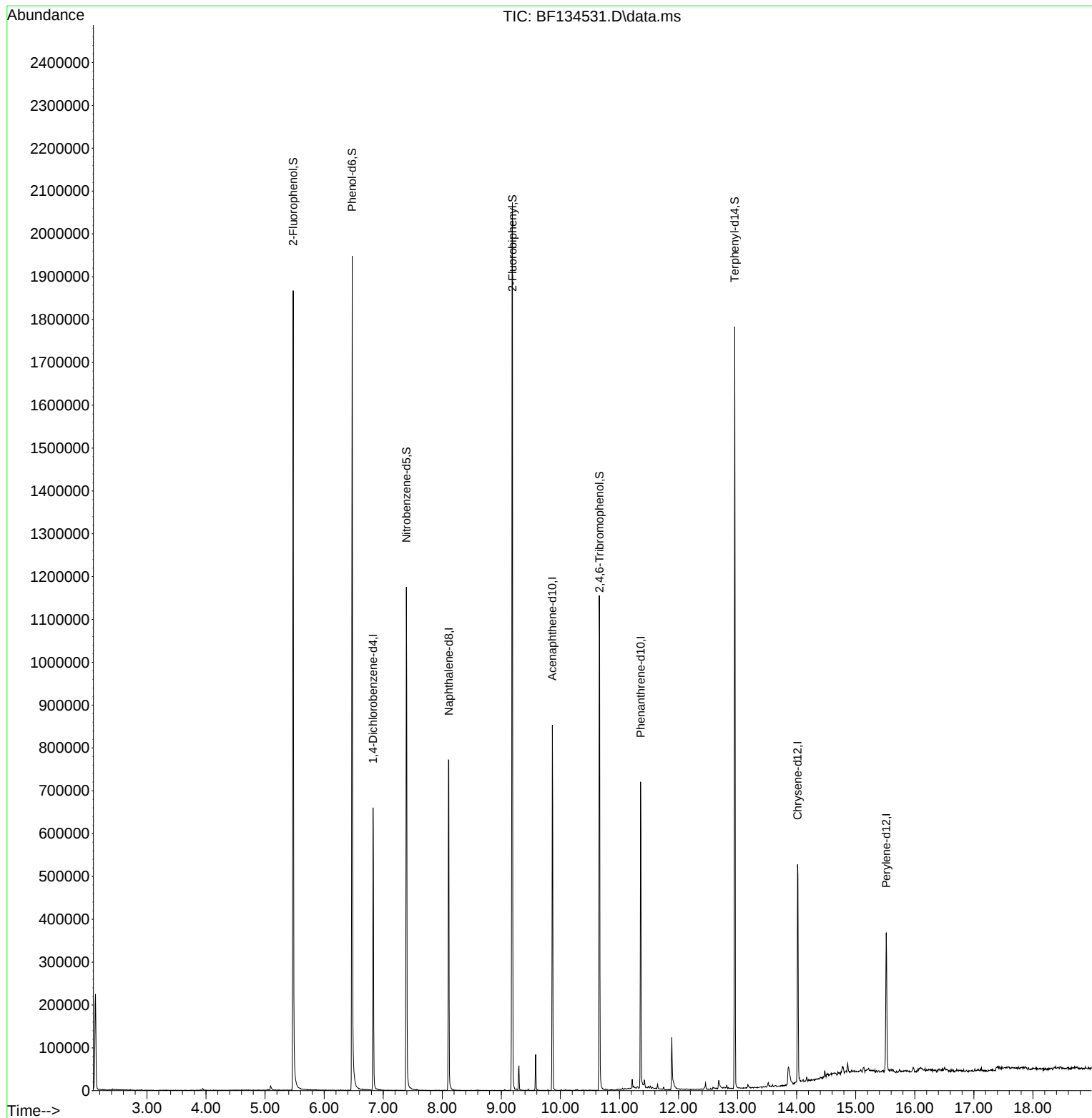
Target Compounds	Qvalue

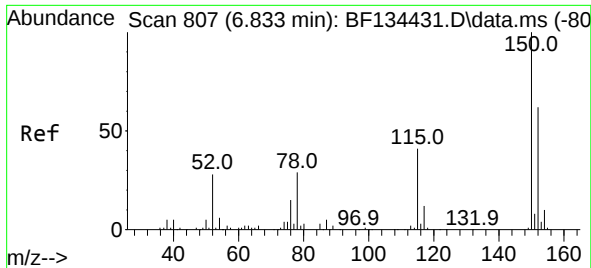
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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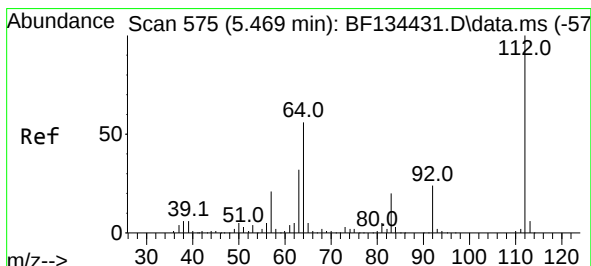
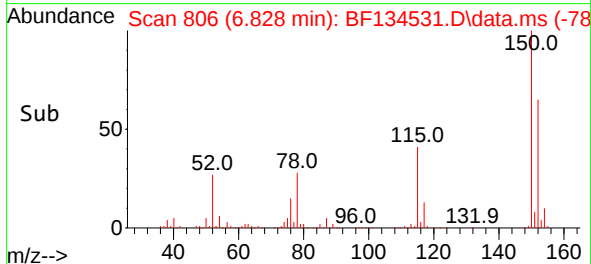
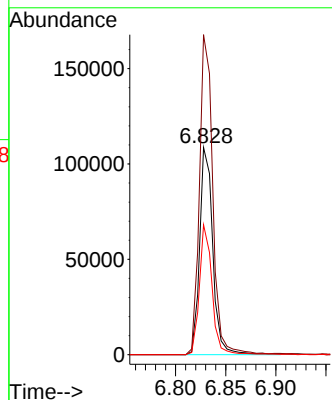
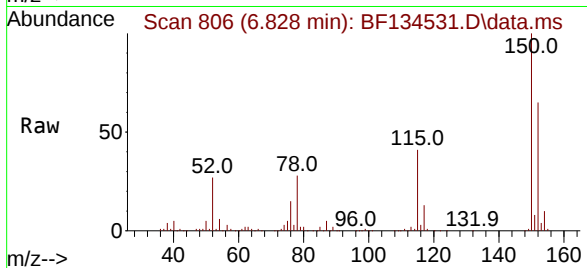




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF134531.D
Acq: 29 Jul 2023 00:10

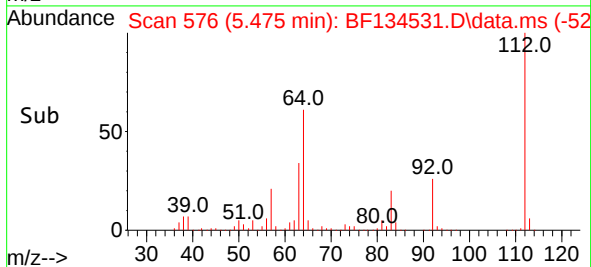
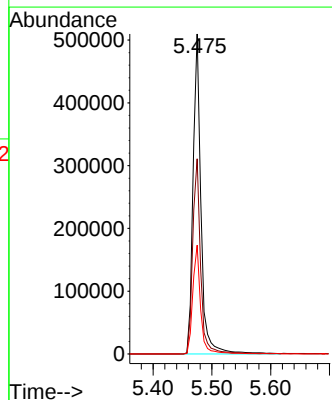
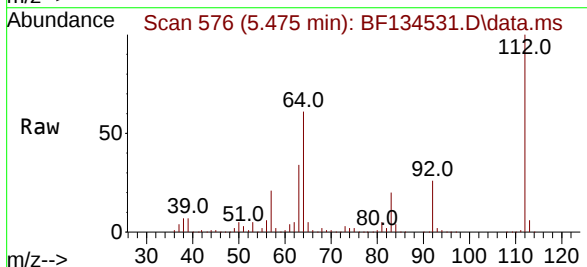
Instrument :
BNA_F
ClientSampleId :
SB-07-(1-3)

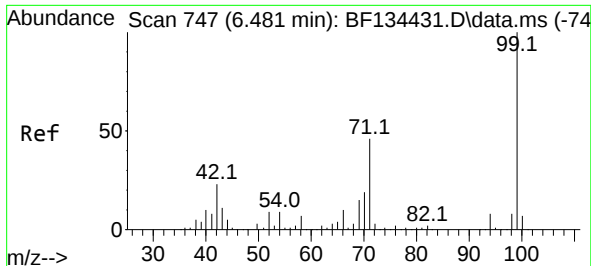
Tgt Ion:152 Resp: 99614
Ion Ratio Lower Upper
152 100
150 154.4 128.3 192.5
115 62.7 52.4 78.6



#5
2-Fluorophenol
Concen: 79.655 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF134531.D
Acq: 29 Jul 2023 00:10

Tgt Ion:112 Resp: 480258
Ion Ratio Lower Upper
112 100
64 61.0 44.9 67.3
63 34.0 25.4 38.0

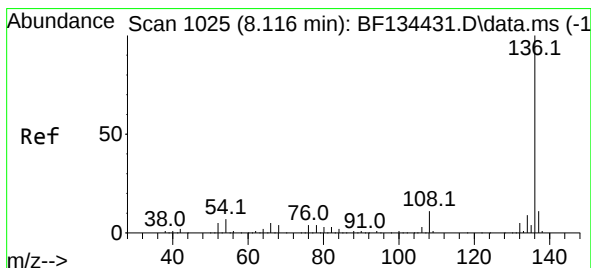
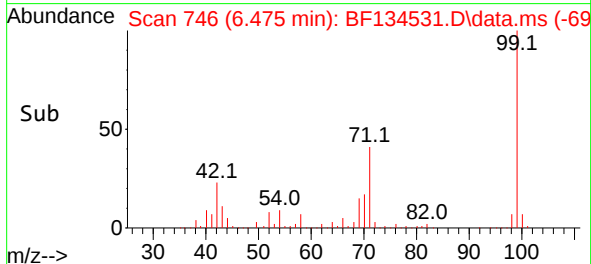
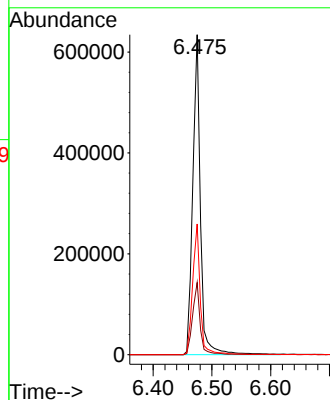
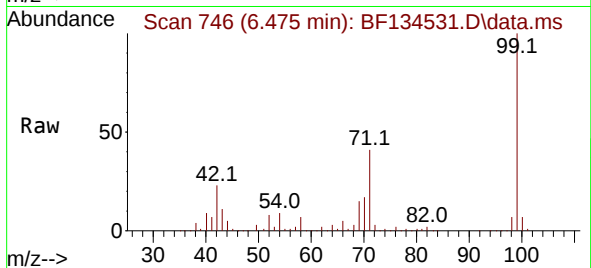




#7
Phenol-d6
Concen: 77.727 ng
RT: 6.475 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134531.D
Acq: 29 Jul 2023 00:10

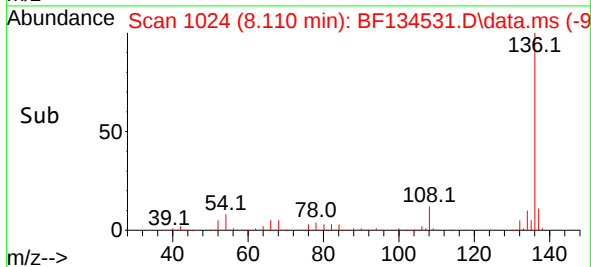
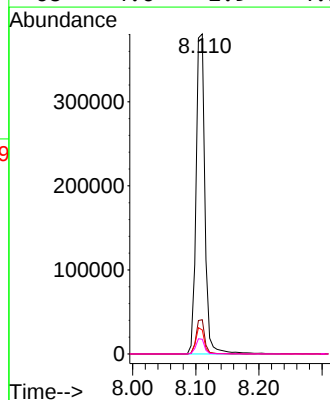
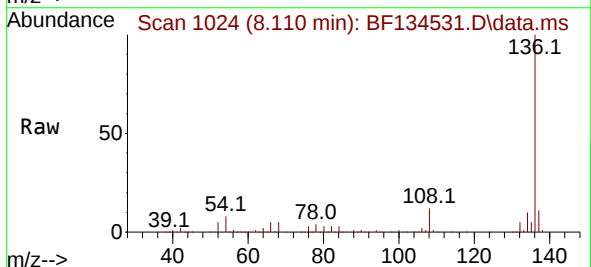
Instrument :
BNA_F
ClientSampleId :
SB-07-(1-3)

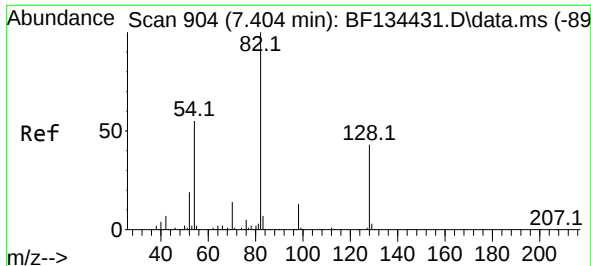
Tgt Ion: 99 Resp: 574170
Ion Ratio Lower Upper
99 100
42 22.6 18.7 28.1
71 40.9 36.4 54.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF134531.D
Acq: 29 Jul 2023 00:10

Tgt Ion: 136 Resp: 368068
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.5 5.2 7.8
68 4.6 2.9 4.3

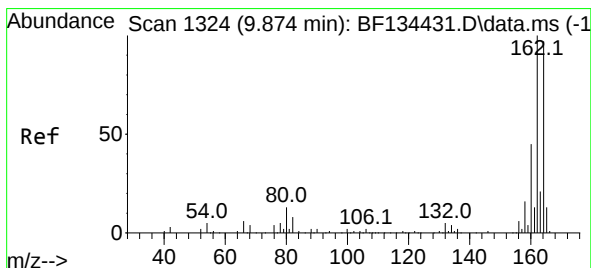
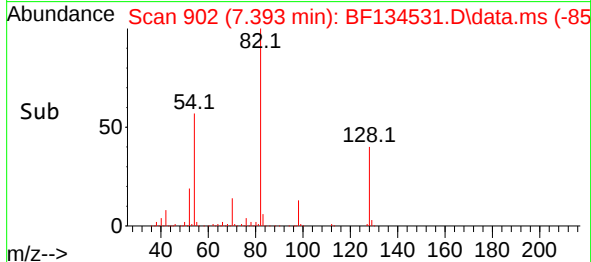
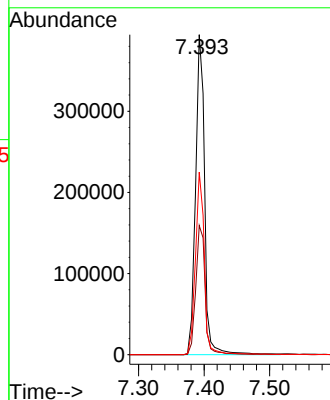
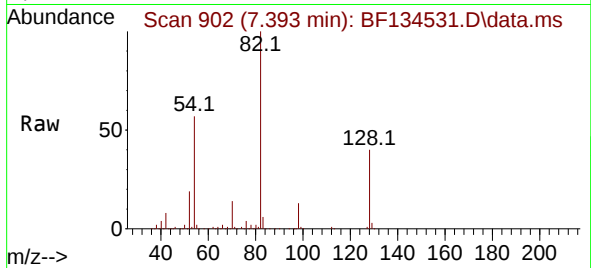




#23
Nitrobenzene-d5
Concen: 52.141 ng
RT: 7.393 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF134531.D
Acq: 29 Jul 2023 00:10

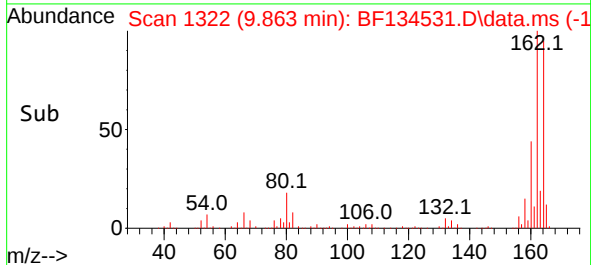
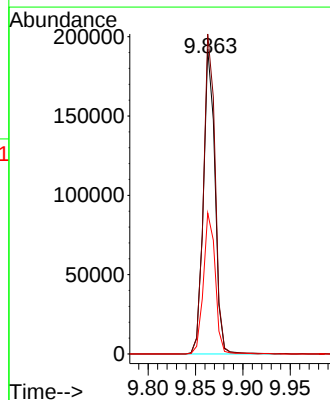
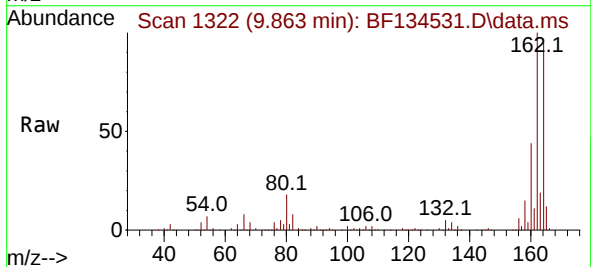
Instrument :
BNA_F
ClientSampleId :
SB-07-(1-3)

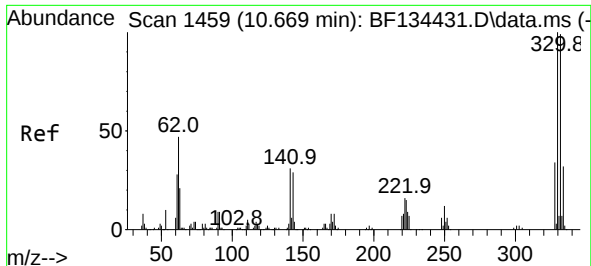
Tgt Ion: 82 Resp: 379320
Ion Ratio Lower Upper
82 100
128 40.4 34.3 51.5
54 57.0 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF134531.D
Acq: 29 Jul 2023 00:10

Tgt Ion:164 Resp: 164170
Ion Ratio Lower Upper
164 100
162 104.9 82.6 123.8
160 46.2 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 65.994 ng

RT: 10.663 min Scan# 1458

Delta R.T. 0.000 min

Lab File: BF134531.D

Acq: 29 Jul 2023 00:10

Instrument :

BNA_F

ClientSampleId :

SB-07-(1-3)

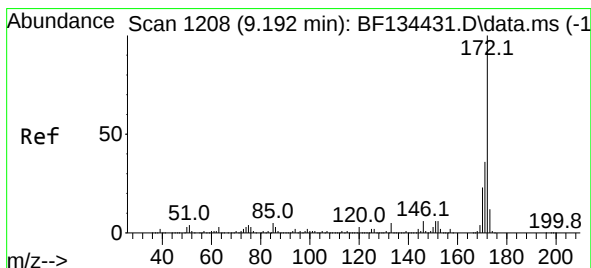
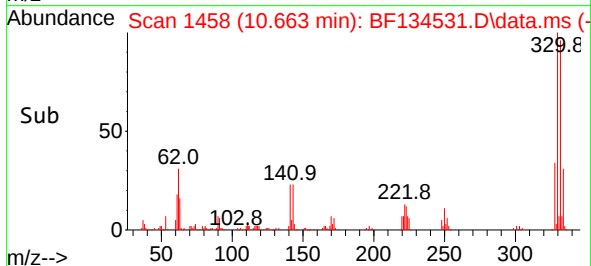
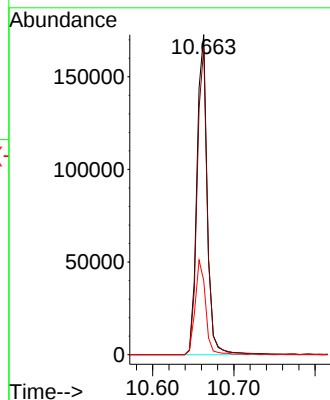
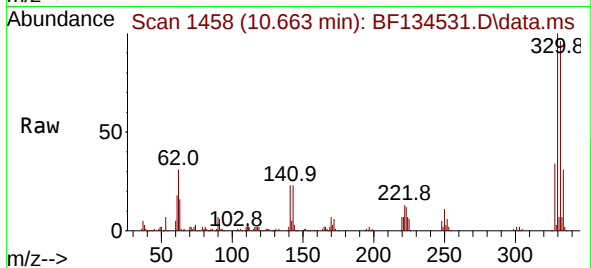
Tgt Ion:330 Resp: 153935

Ion Ratio Lower Upper

330 100

332 94.4 78.8 118.2

141 30.1 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 53.072 ng

RT: 9.187 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF134531.D

Acq: 29 Jul 2023 00:10

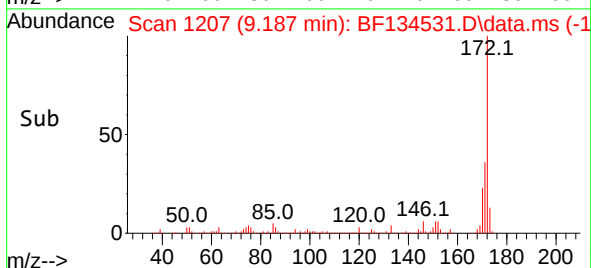
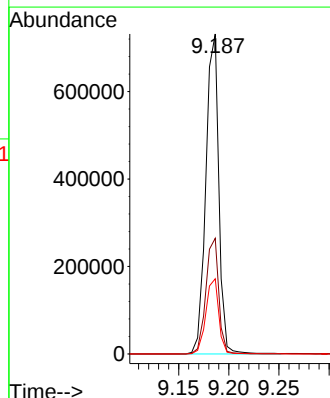
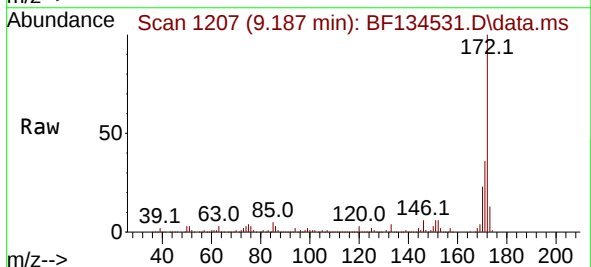
Tgt Ion:172 Resp: 663691

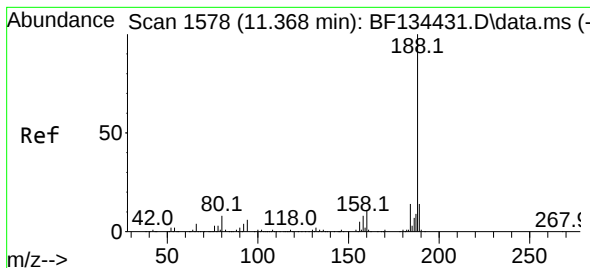
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134531.D

Acq: 29 Jul 2023 00:10

Instrument :

BNA_F

ClientSampleId :

SB-07-(1-3)

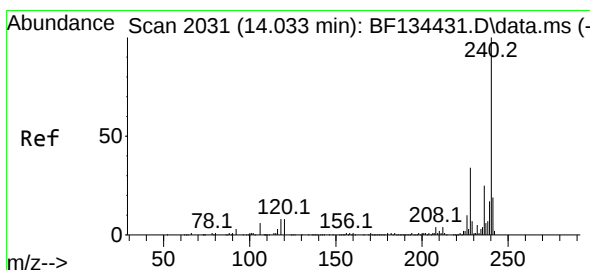
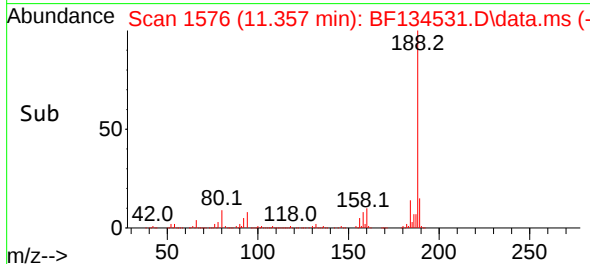
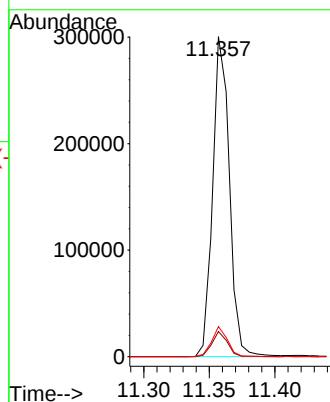
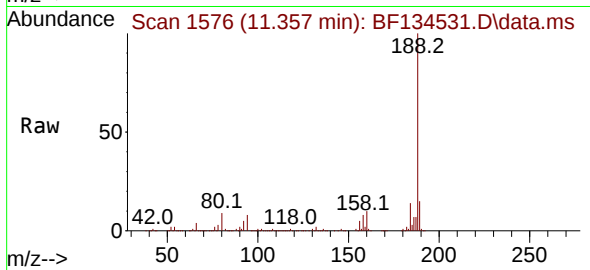
Tgt Ion:188 Resp: 266517

Ion Ratio Lower Upper

188 100

94 7.8 5.1 7.7#

80 9.4 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF134531.D

Acq: 29 Jul 2023 00:10

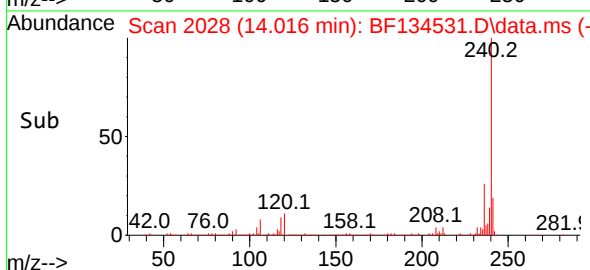
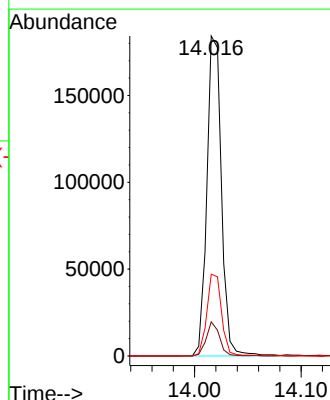
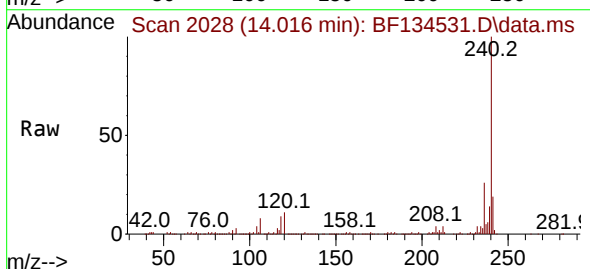
Tgt Ion:240 Resp: 176024

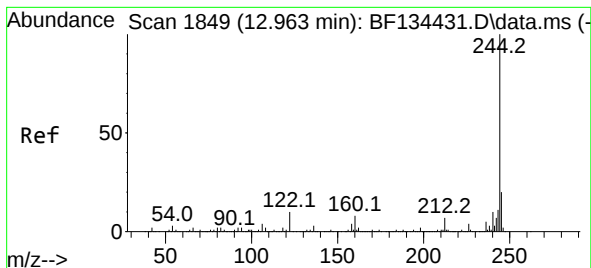
Ion Ratio Lower Upper

240 100

120 10.7 6.6 10.0#

236 25.5 20.2 30.2





#79

Terphenyl-d14

Concen: 57.228 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.000 min

Lab File: BF134531.D

Acq: 29 Jul 2023 00:10

Instrument :

BNA_F

ClientSampleId :

SB-07-(1-3)

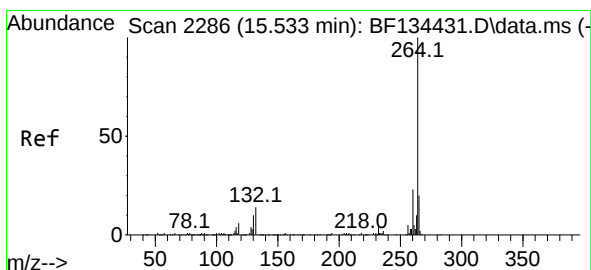
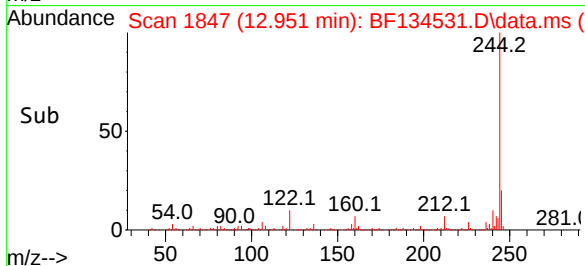
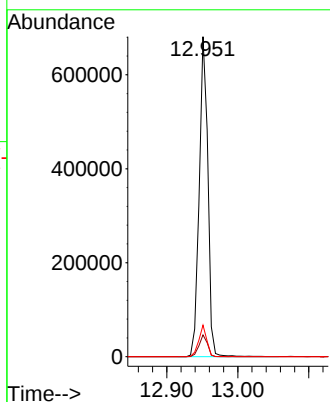
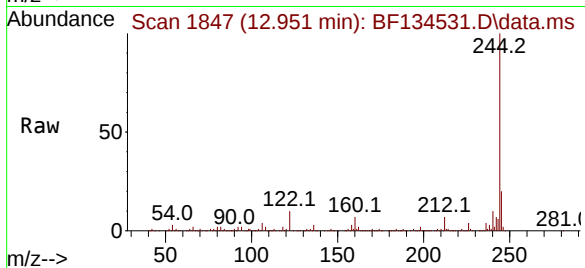
Tgt Ion:244 Resp: 577061

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 9.9 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2283

Delta R.T. 0.000 min

Lab File: BF134531.D

Acq: 29 Jul 2023 00:10

Tgt Ion:264 Resp: 152338

Ion Ratio Lower Upper

264 100

260 22.6 18.4 27.6

265 20.8 15.8 23.8

