

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072623\
 Data File : BF134490.D
 Acq On : 26 Jul 2023 19:39
 Operator : CG\JU
 Sample : 03717-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Jul 26 20:09:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

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

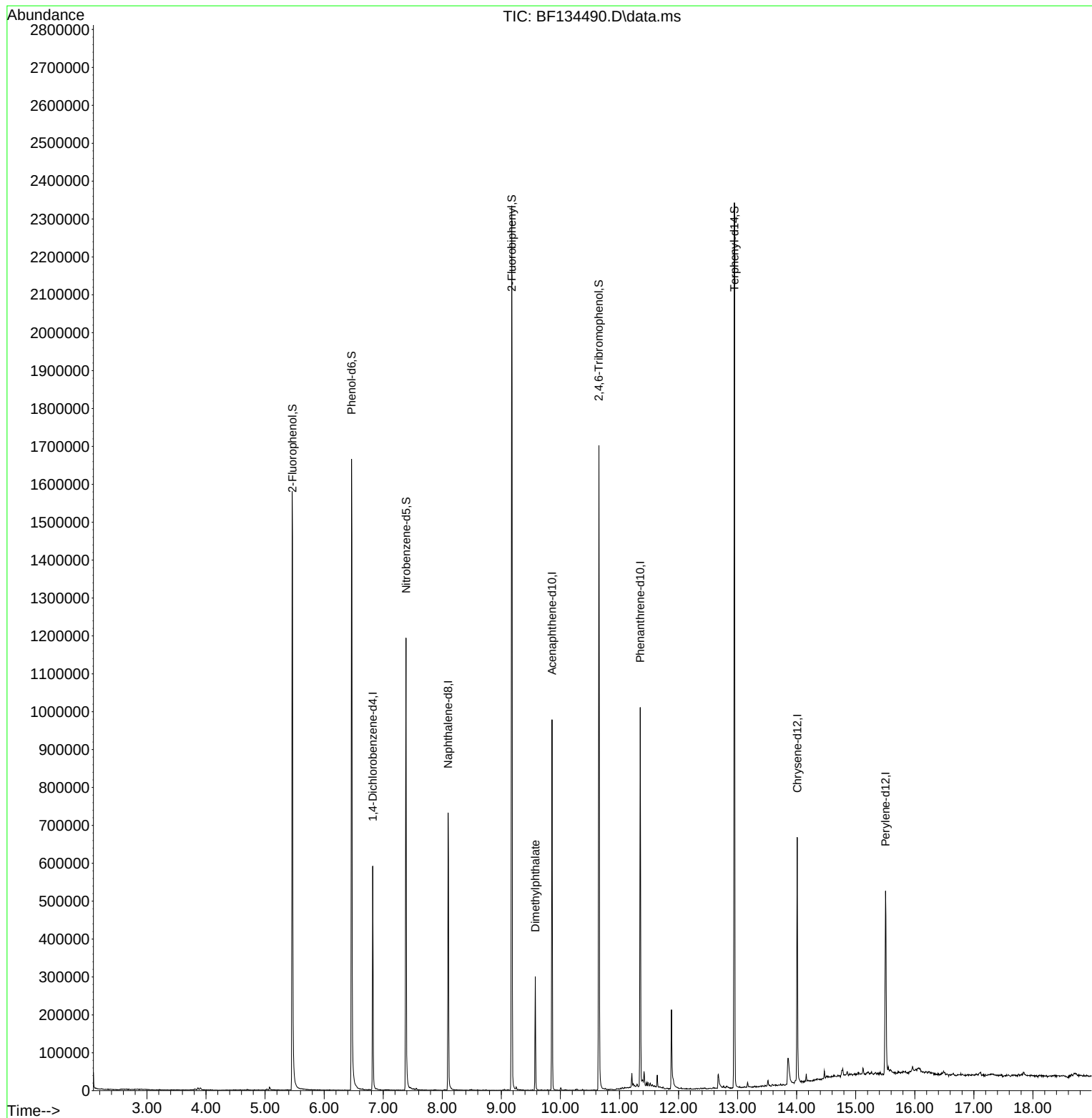
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	82568	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	332662	20.000	ng	#-0.02
39) Acenaphthene-d10	9.857	164	174805	20.000	ng	-0.02
64) Phenanthrene-d10	11.351	188	353878	20.000	ng	#-0.02
76) Chrysene-d12	14.010	240	205281	20.000	ng	-0.02
86) Perylene-d12	15.504	264	220613	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	450184	90.082	ng	0.00
7) Phenol-d6	6.463	99	540236	88.232	ng	-0.02
23) Nitrobenzene-d5	7.387	82	349838	53.207	ng	-0.02
42) 2,4,6-Tribromophenol	10.651	330	203647	81.995	ng	-0.02
45) 2-Fluorobiphenyl	9.175	172	696859	52.334	ng	-0.02
79) Terphenyl-d14	12.945	244	768276	65.332	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.575	163	101253	7.814	ng	Qvalue 98

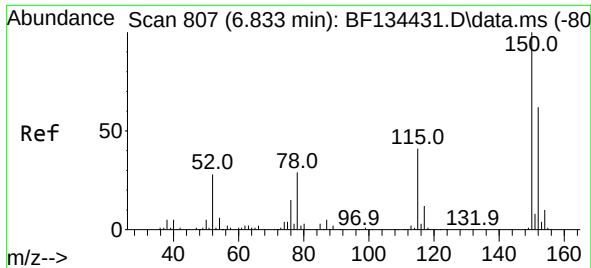
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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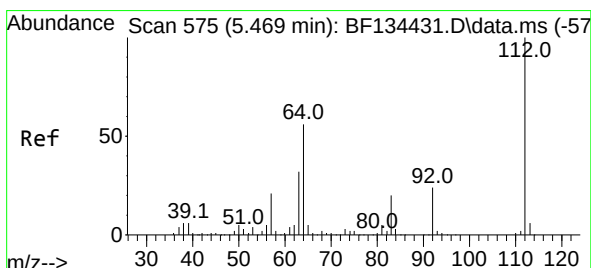
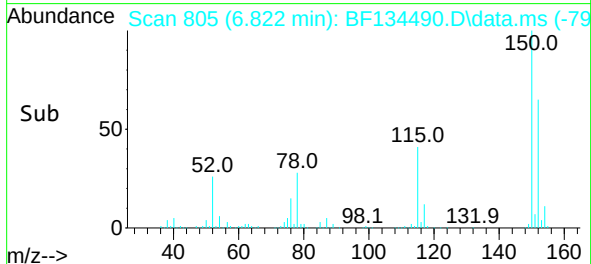
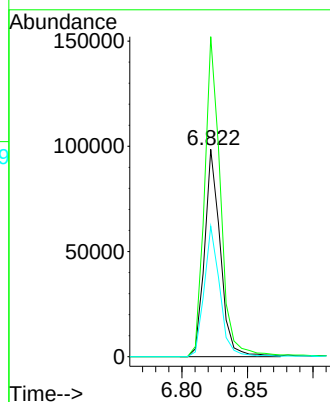
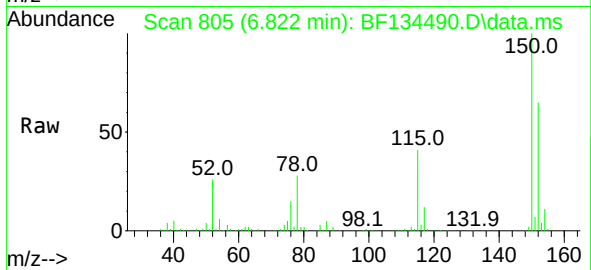




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 807
Delta R.T. -0.011 min
Lab File: BF134490.D
Acq: 26 Jul 2023 19:39

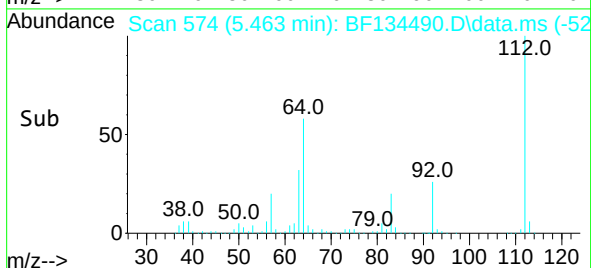
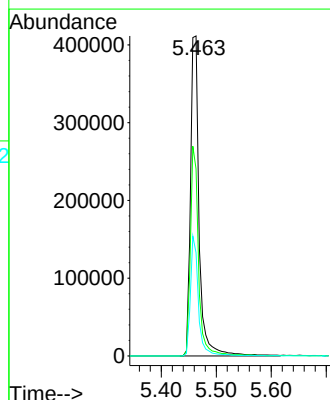
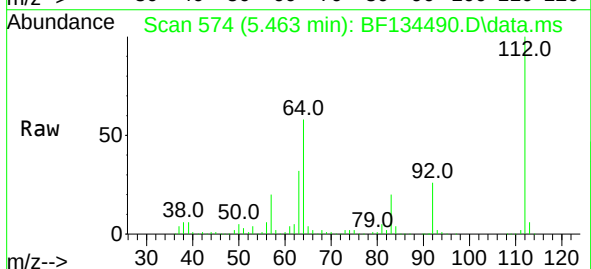
Instrument :
BNA_F
ClientSampleId :
TP-1

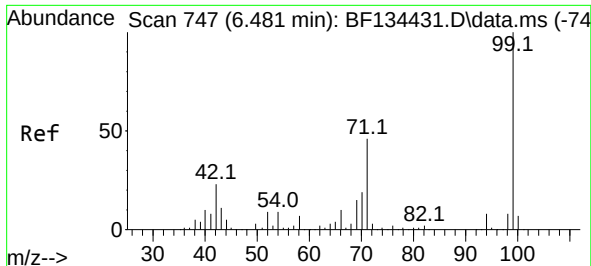
Tgt Ion:152 Resp: 82568
Ion Ratio Lower Upper
152 100
150 154.4 128.3 192.5
115 62.9 52.4 78.6



#5
2-Fluorophenol
Concen: 90.082 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.006 min
Lab File: BF134490.D
Acq: 26 Jul 2023 19:39

Tgt Ion:112 Resp: 450184
Ion Ratio Lower Upper
112 100
64 58.4 44.9 67.3
63 32.3 25.4 38.0

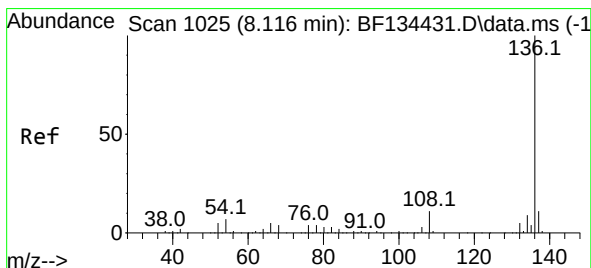
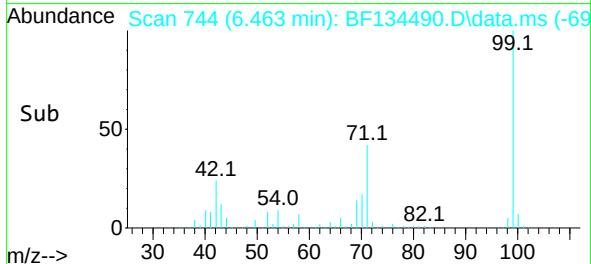
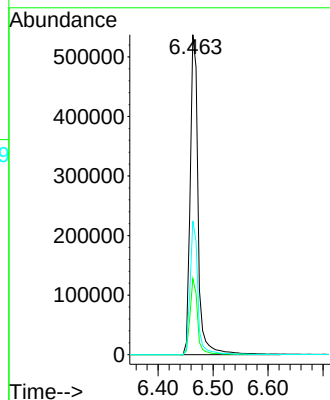
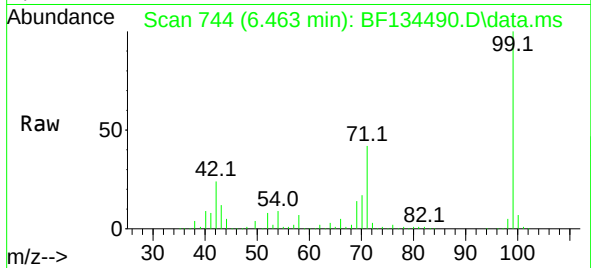




#7
Phenol-d6
Concen: 88.232 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.017 min
Lab File: BF134490.D
Acq: 26 Jul 2023 19:39

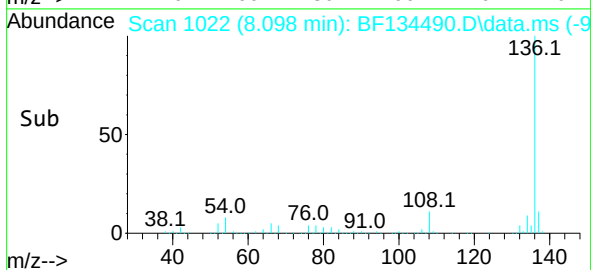
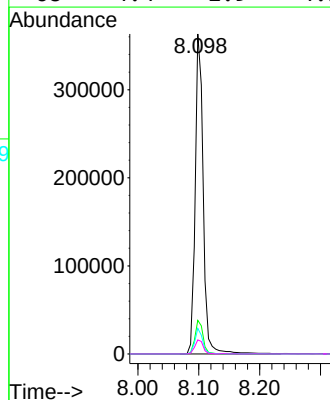
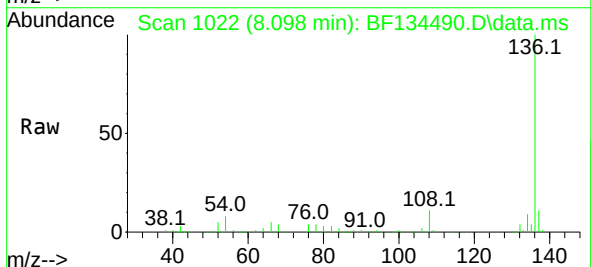
Instrument :
BNA_F
ClientSampleId :
TP-1

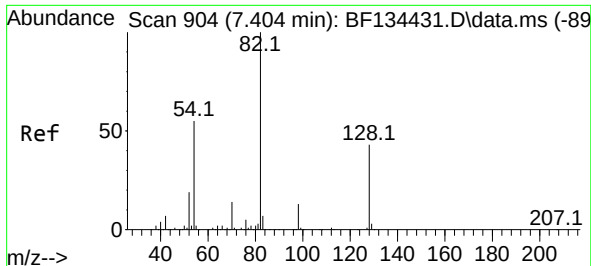
Tgt Ion: 99 Resp: 540236
Ion Ratio Lower Upper
99 100
42 23.7 18.7 28.1
71 41.8 36.4 54.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.017 min
Lab File: BF134490.D
Acq: 26 Jul 2023 19:39

Tgt Ion: 136 Resp: 332662
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 8.0 5.2 7.8#
68 4.4 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 53.207 ng

RT: 7.387 min Scan# 90

Delta R.T. -0.017 min

Lab File: BF134490.D

Acq: 26 Jul 2023 19:39

Instrument :

BNA_F

ClientSampleId :

TP-1

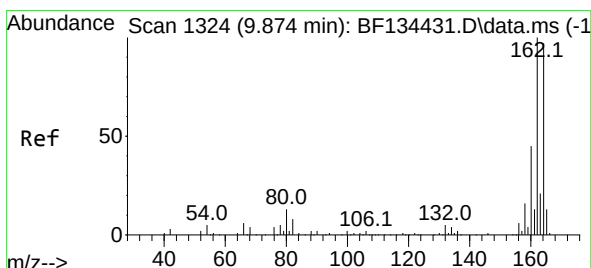
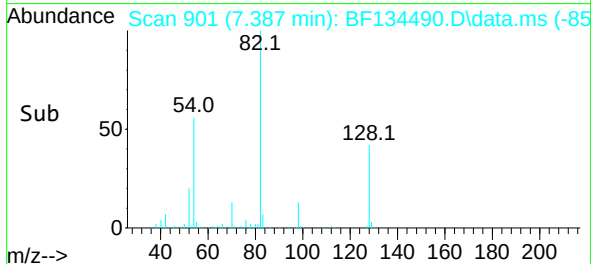
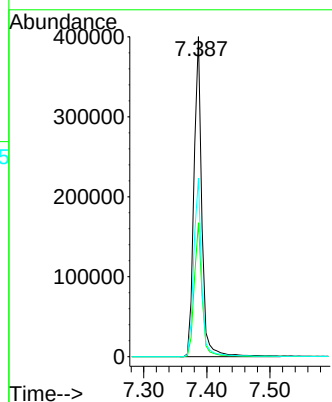
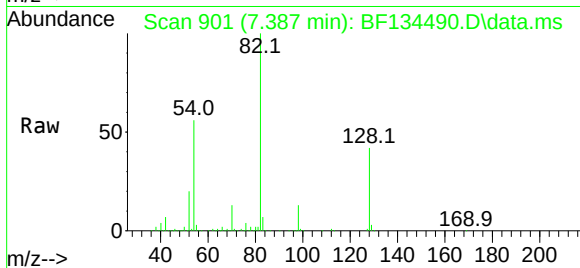
Tgt Ion: 82 Resp: 349838

Ion Ratio Lower Upper

82 100

128 41.9 34.3 51.5

54 55.7 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.017 min

Lab File: BF134490.D

Acq: 26 Jul 2023 19:39

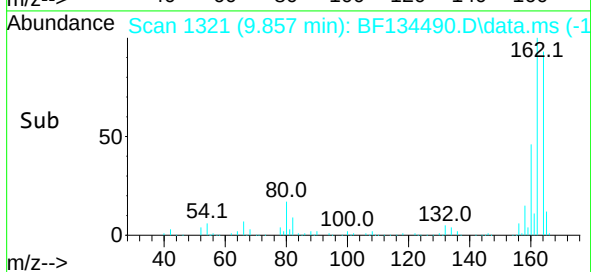
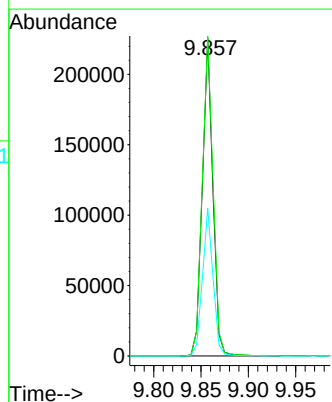
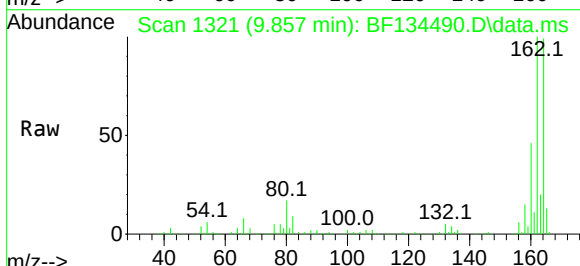
Tgt Ion:164 Resp: 174805

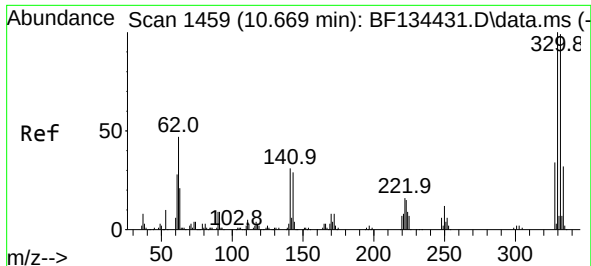
Ion Ratio Lower Upper

164 100

162 100.6 82.6 123.8

160 46.5 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 81.995 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.017 min

Lab File: BF134490.D

Acq: 26 Jul 2023 19:39

Instrument :

BNA_F

ClientSampleId :

TP-1

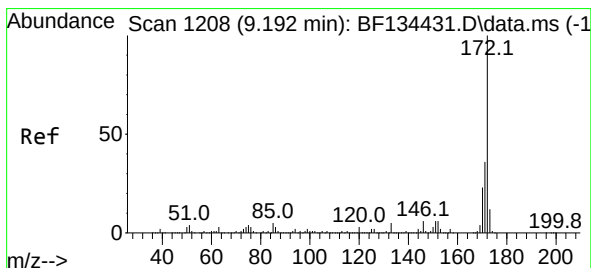
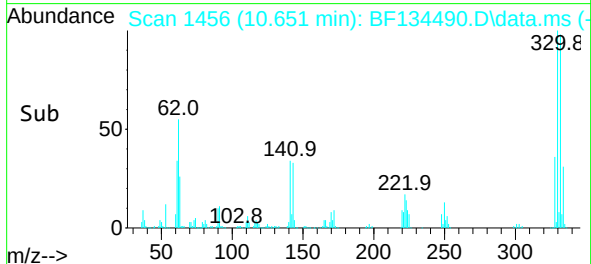
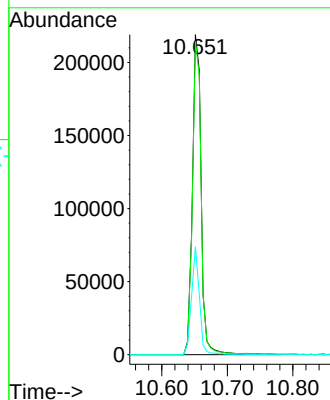
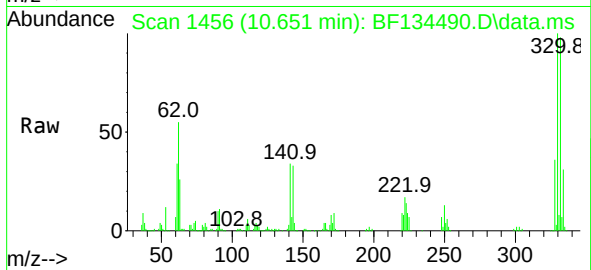
Tgt Ion:330 Resp: 203647

Ion Ratio Lower Upper

330 100

332 97.5 78.8 118.2

141 30.5 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 52.334 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.017 min

Lab File: BF134490.D

Acq: 26 Jul 2023 19:39

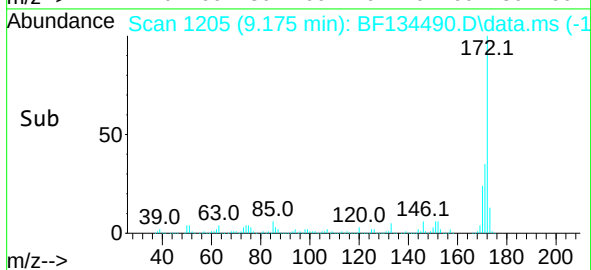
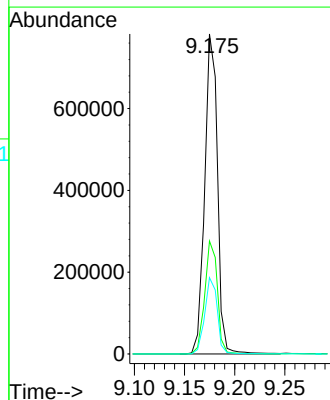
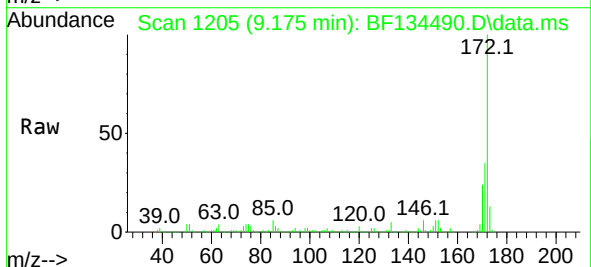
Tgt Ion:172 Resp: 696859

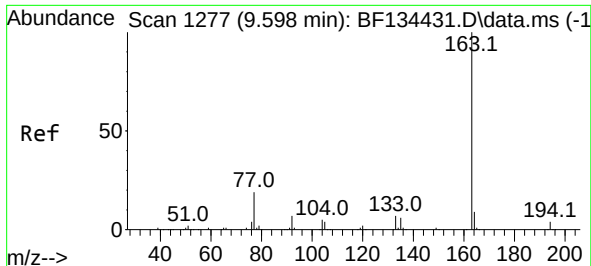
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.8 18.7 28.1

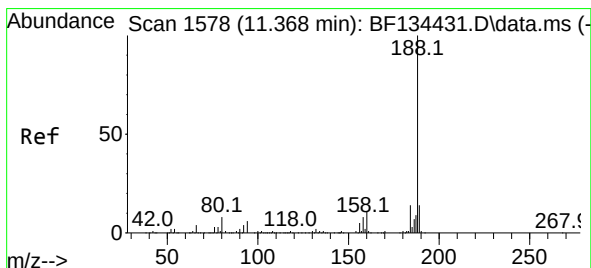
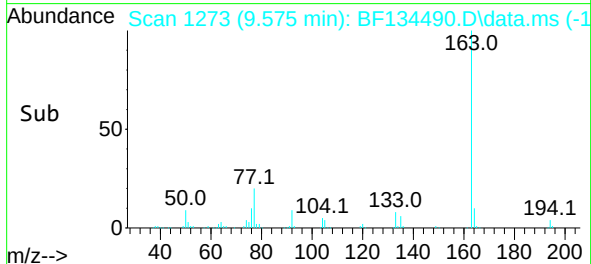
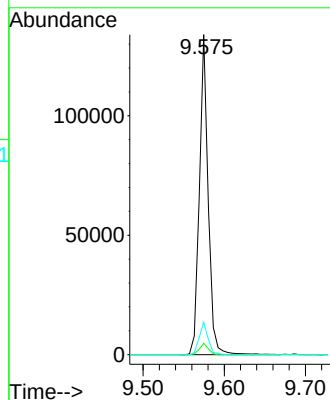
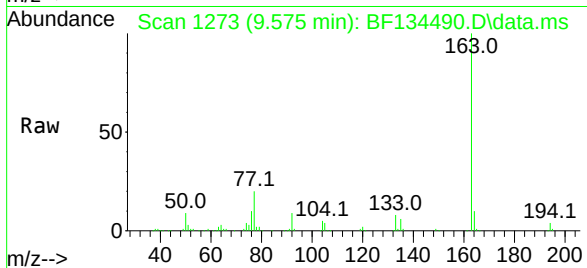




#50
Dimethylphthalate
Concen: 7.814 ng
RT: 9.575 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF134490.D
Acq: 26 Jul 2023 19:39

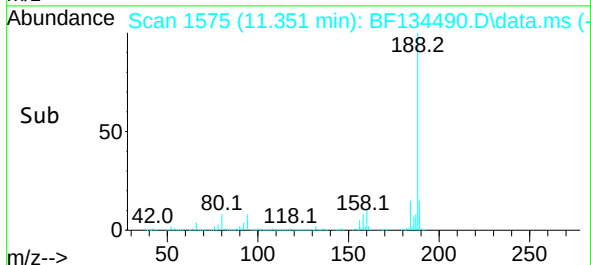
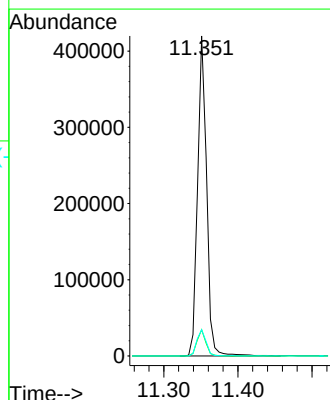
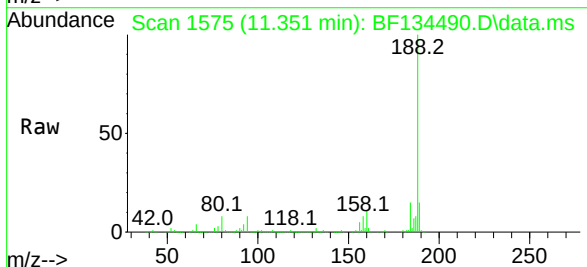
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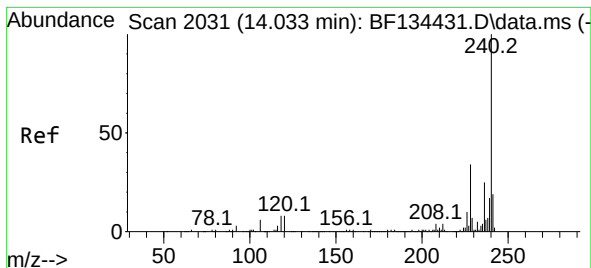
Tgt Ion:163 Resp: 101253
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 10.1 7.5 11.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.017 min
Lab File: BF134490.D
Acq: 26 Jul 2023 19:39

Tgt Ion:188 Resp: 353878
Ion Ratio Lower Upper
188 100
94 8.2 5.1 7.7#
80 8.2 6.6 9.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2031

Delta R.T. -0.023 min

Lab File: BF134490.D

Acq: 26 Jul 2023 19:39

Instrument :

BNA_F

ClientSampleId :

TP-1

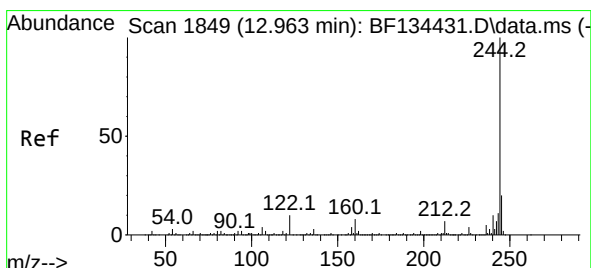
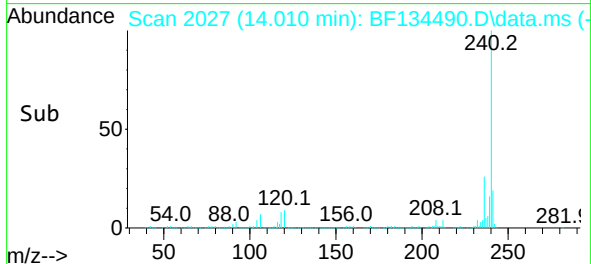
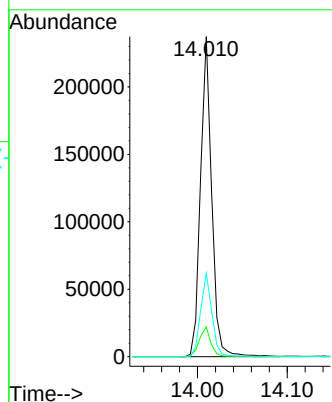
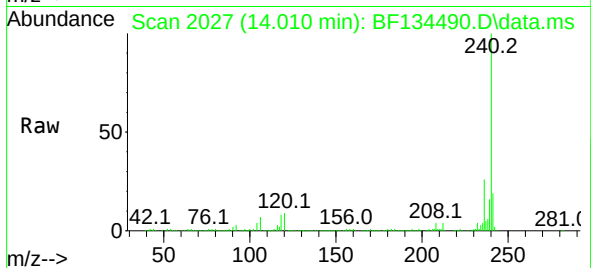
Tgt Ion:240 Resp: 205281

Ion Ratio Lower Upper

240 100

120 9.3 6.6 10.0

236 26.1 20.2 30.2



#79

Terphenyl-d14

Concen: 65.332 ng

RT: 12.945 min Scan# 1846

Delta R.T. -0.017 min

Lab File: BF134490.D

Acq: 26 Jul 2023 19:39

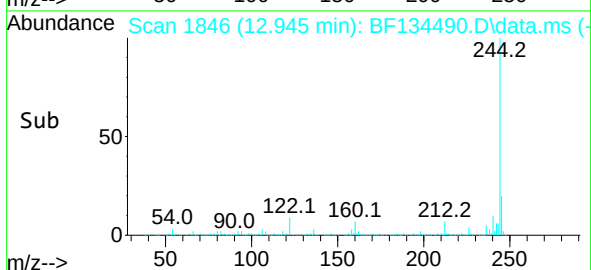
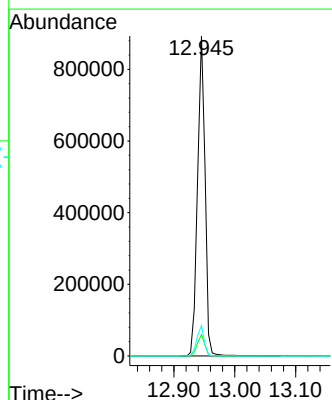
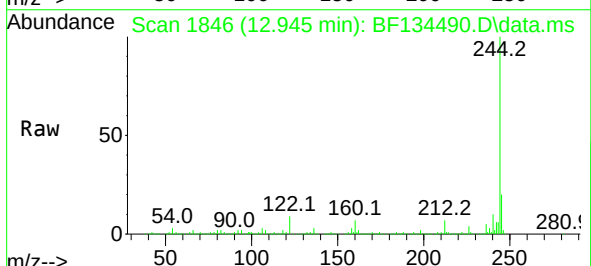
Tgt Ion:244 Resp: 768276

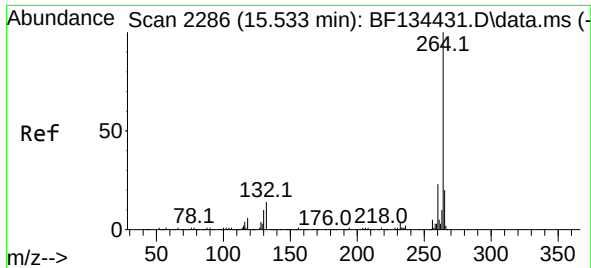
Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

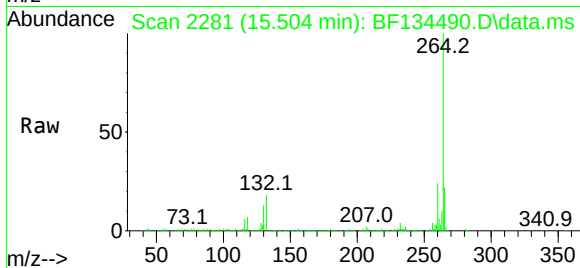
122 9.5 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF134490.D
Acq: 26 Jul 2023 19:39

Instrument :
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Tgt Ion:264 Resp: 220613
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 21.9 15.8 23.8

