

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072623\
 Data File : BF134480.D
 Acq On : 26 Jul 2023 13:57
 Operator : CG\JU
 Sample : PB154316BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154164BL

Quant Time: Jul 26 14:17:31 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	6.828	152	113262	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	503791	20.000	ng	#-0.01
39) Acenaphthene-d10	9.863	164	238231	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	555815	20.000	ng	#-0.01
76) Chrysene-d12	14.021	240	428306	20.000	ng	-0.01
86) Perylene-d12	15.515	264	356828	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	970929	141.633	ng	0.02
7) Phenol-d6	6.481	99	1175000	139.897	ng	0.00
23) Nitrobenzene-d5	7.398	82	840443	84.404	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	470051	138.870	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1405130	77.431	ng	0.00
79) Terphenyl-d14	12.963	244	1958685	79.831	ng	0.00

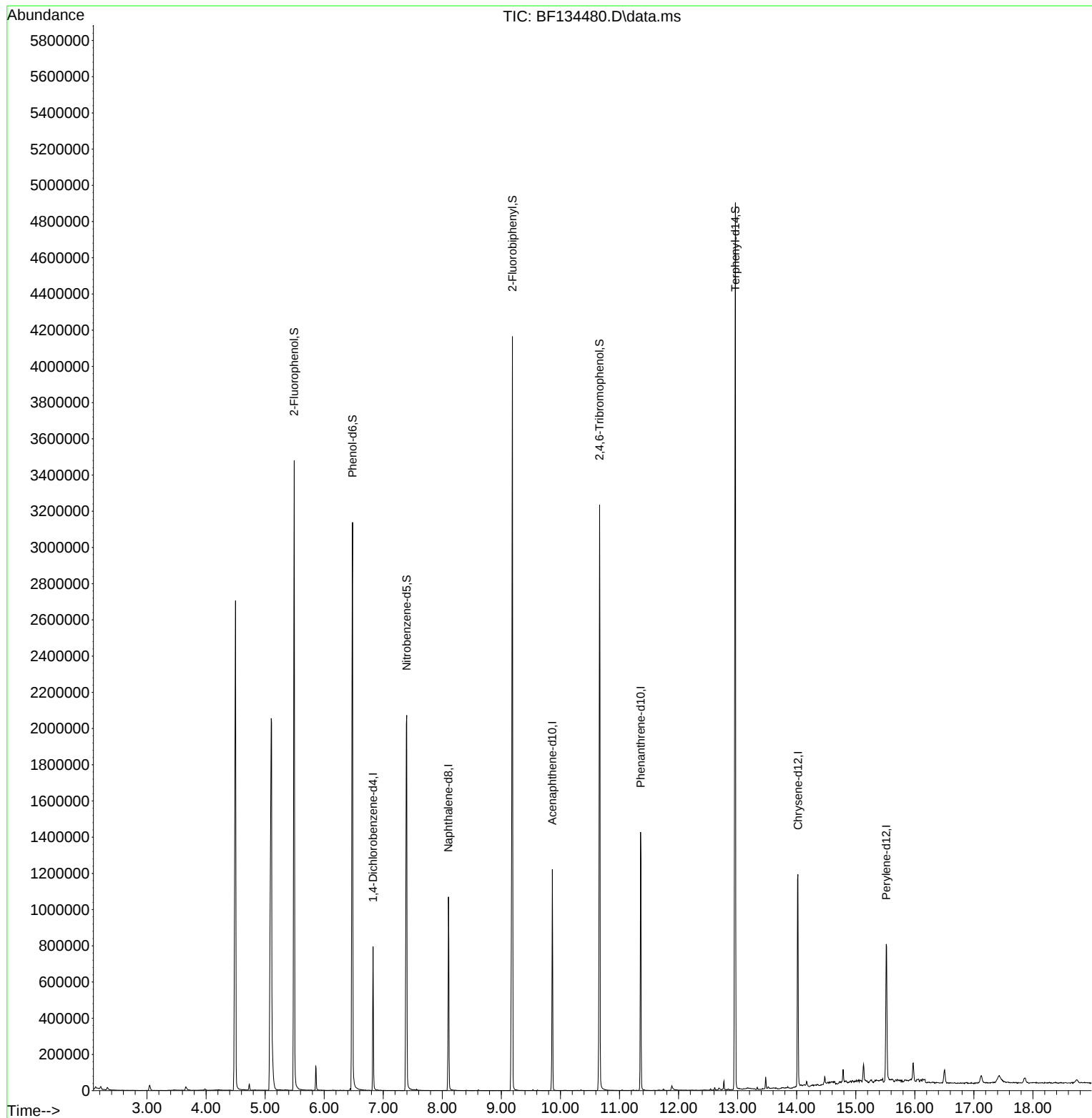
Target Compounds	Qvalue

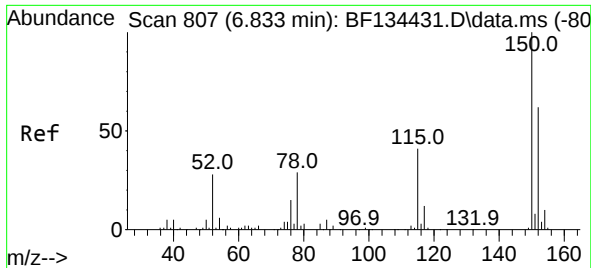
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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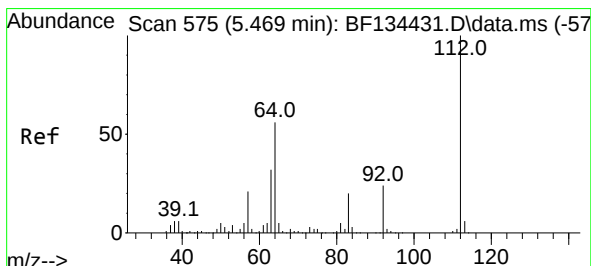
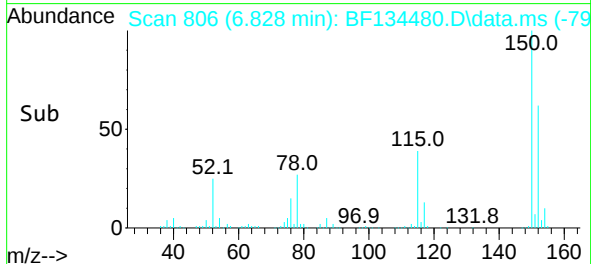
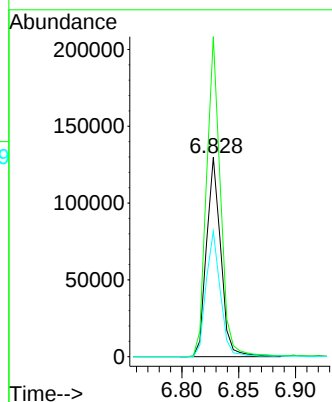
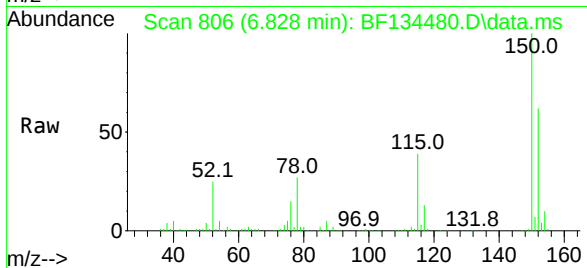




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 807
 Delta R.T. -0.005 min
 Lab File: BF134480.D
 Acq: 26 Jul 2023 13:57

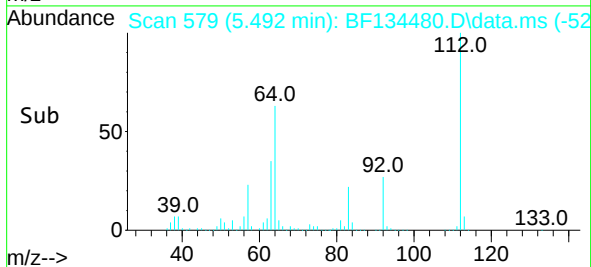
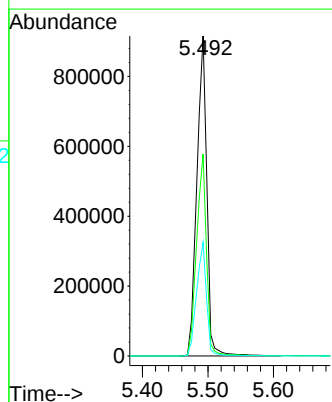
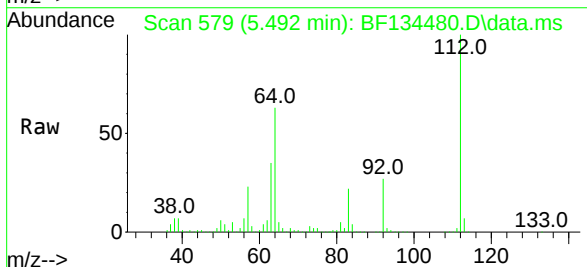
Instrument :
 BNA_F
 ClientSampleId :
 PB154164BL

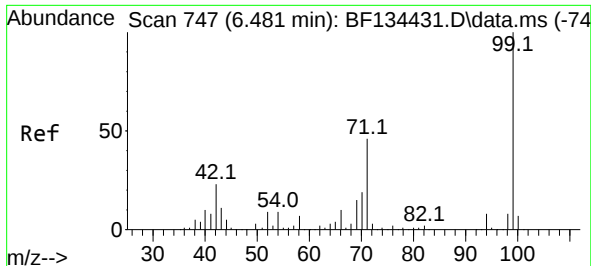
Tgt Ion:152 Resp: 113262
 Ion Ratio Lower Upper
 152 100
 150 160.6 128.3 192.5
 115 62.9 52.4 78.6



#5
 2-Fluorophenol
 Concen: 141.633 ng
 RT: 5.492 min Scan# 579
 Delta R.T. 0.024 min
 Lab File: BF134480.D
 Acq: 26 Jul 2023 13:57

Tgt Ion:112 Resp: 970929
 Ion Ratio Lower Upper
 112 100
 64 63.1 44.9 67.3
 63 35.5 25.4 38.0





#7

Phenol-d6

Concen: 139.897 ng

RT: 6.481 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF134480.D

Acq: 26 Jul 2023 13:57

Instrument :

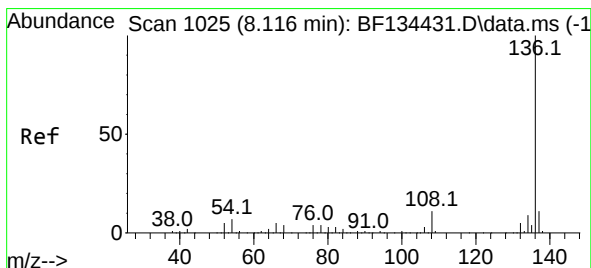
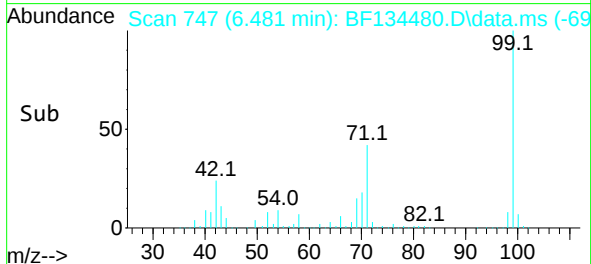
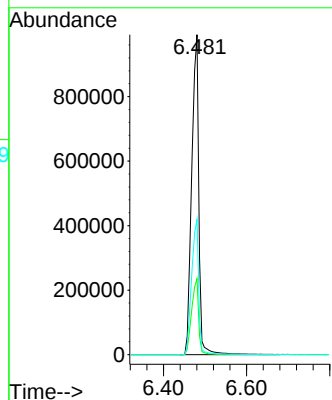
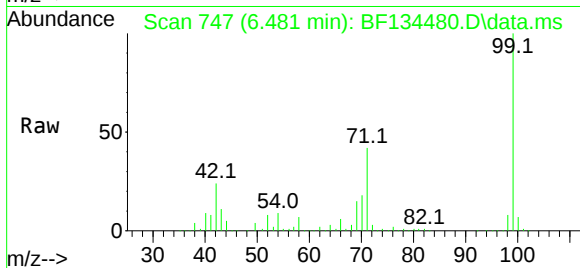
BNA_F

ClientSampleId :

PB154164BL

Tgt Ion: 99 Resp: 1175000

Ion	Ratio	Lower	Upper
99	100		
42	23.8	18.7	28.1
71	42.3	36.4	54.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.104 min Scan# 1023

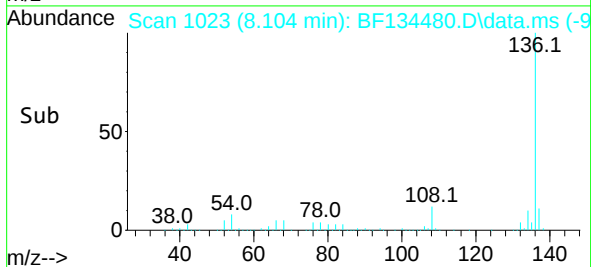
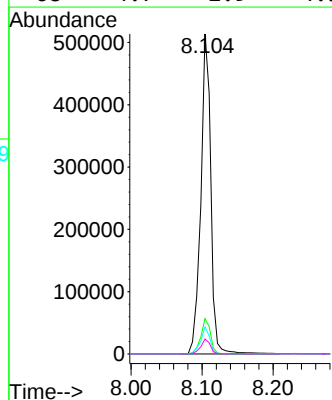
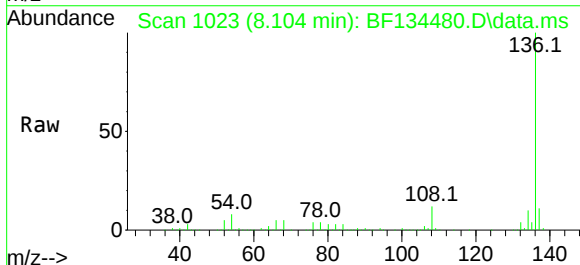
Delta R.T. -0.012 min

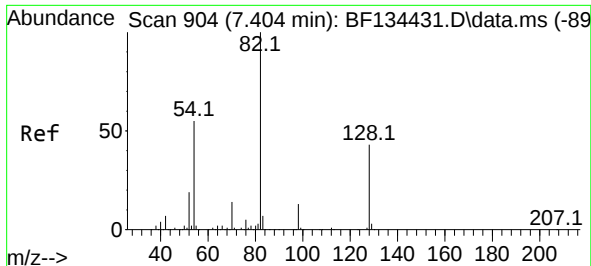
Lab File: BF134480.D

Acq: 26 Jul 2023 13:57

Tgt Ion: 136 Resp: 503791

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	8.4	5.2	7.8#
68	4.7	2.9	4.3#

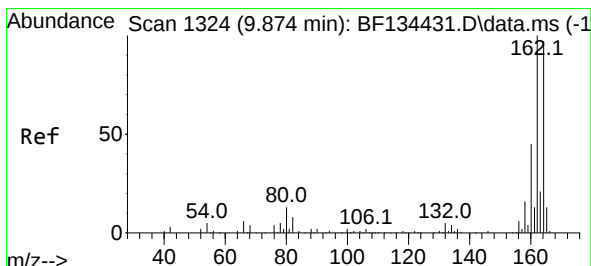
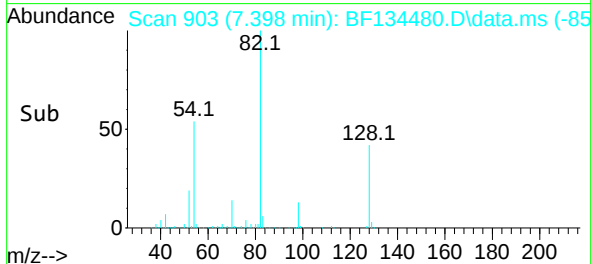
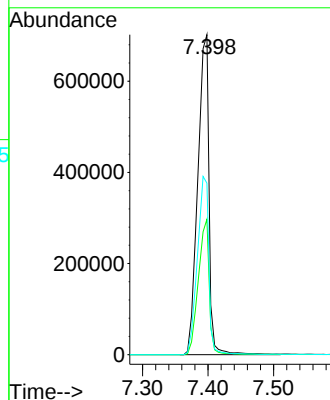
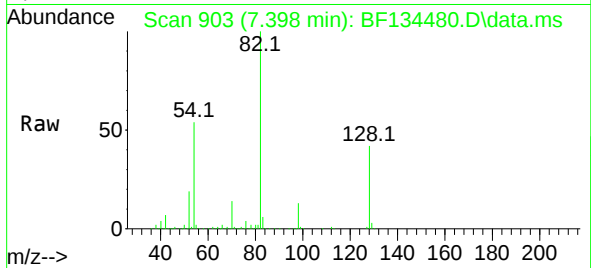




#23
Nitrobenzene-d5
Concen: 84.404 ng
RT: 7.398 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134480.D
Acq: 26 Jul 2023 13:57

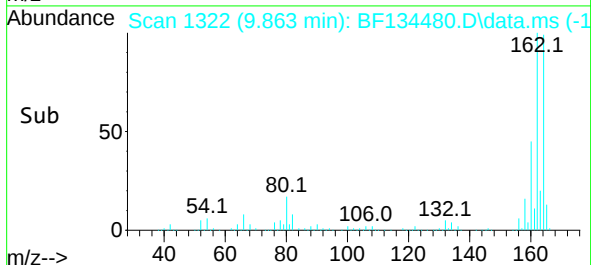
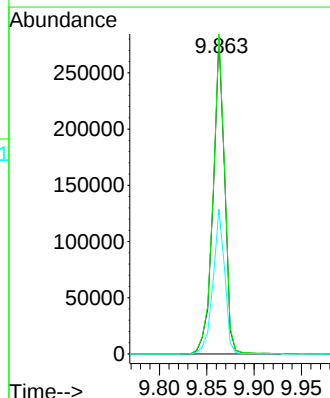
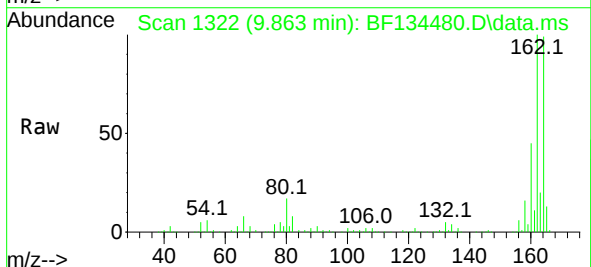
Instrument :
BNA_F
ClientSampleId :
PB154164BL

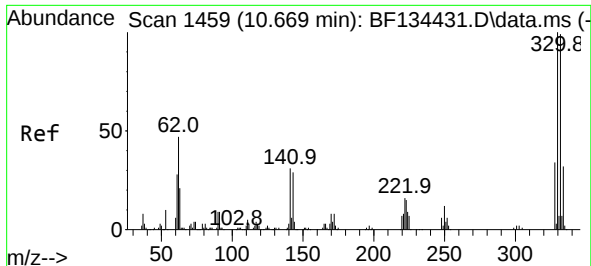
Tgt Ion: 82 Resp: 840443
Ion Ratio Lower Upper
82 100
128 42.3 34.3 51.5
54 53.6 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF134480.D
Acq: 26 Jul 2023 13:57

Tgt Ion:164 Resp: 238231
Ion Ratio Lower Upper
164 100
162 101.1 82.6 123.8
160 45.8 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 138.870 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF134480.D

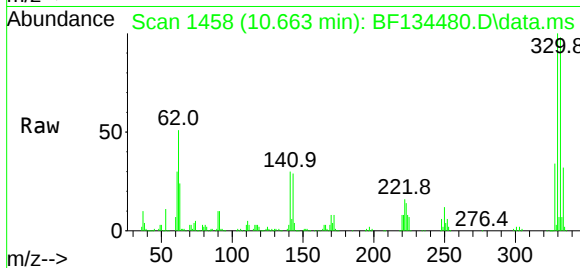
Acq: 26 Jul 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB154164BL



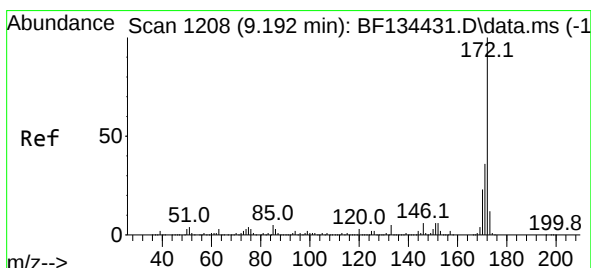
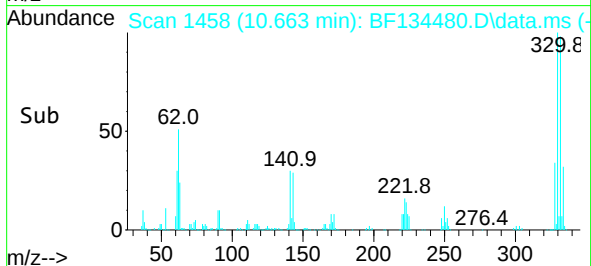
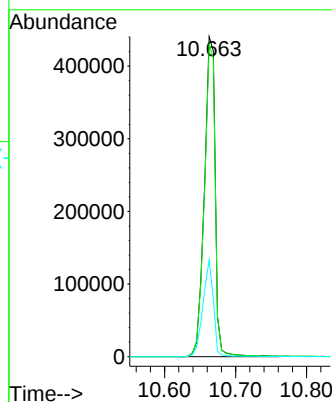
Tgt Ion:330 Resp: 470051

Ion Ratio Lower Upper

330 100

332 98.0 78.8 118.2

141 29.4 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 77.431 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF134480.D

Acq: 26 Jul 2023 13:57

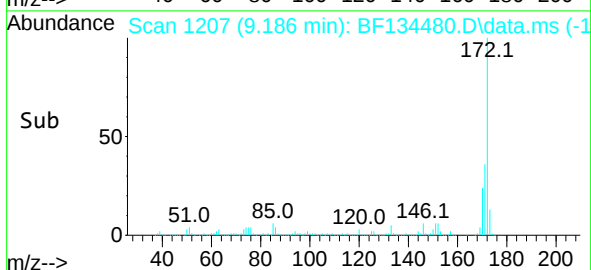
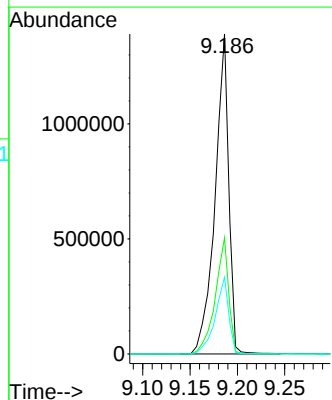
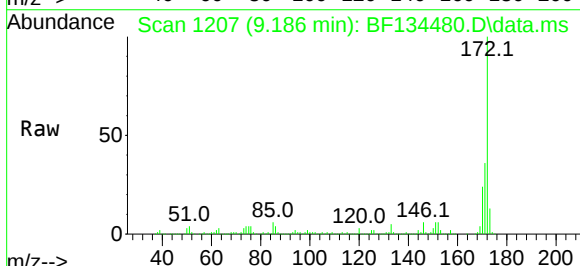
Tgt Ion:172 Resp: 1405130

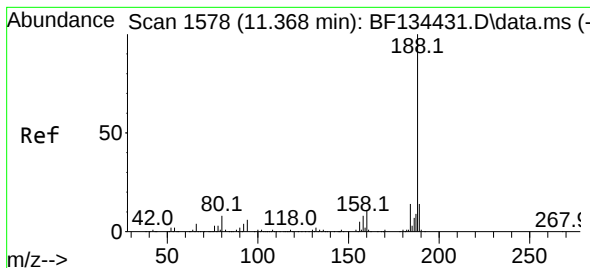
Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.0 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134480.D

Acq: 26 Jul 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB154164BL

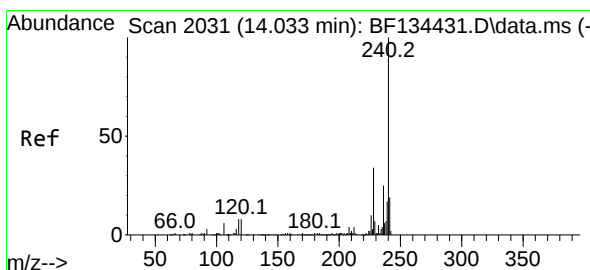
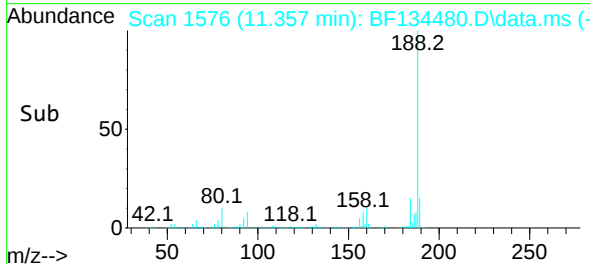
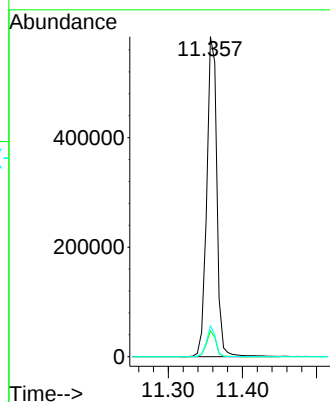
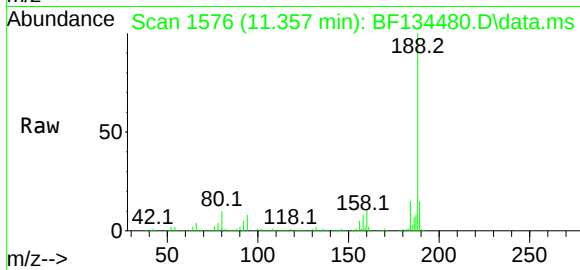
Tgt Ion:188 Resp: 555815

Ion Ratio Lower Upper

188 100

94 8.1 5.1 7.7#

80 9.6 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2029

Delta R.T. -0.012 min

Lab File: BF134480.D

Acq: 26 Jul 2023 13:57

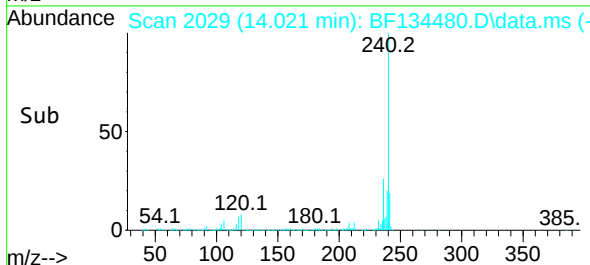
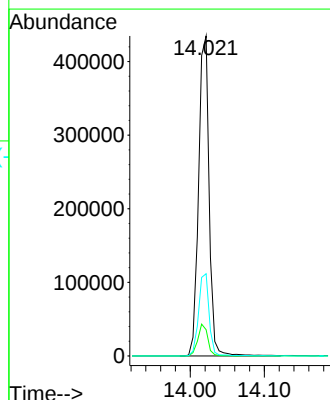
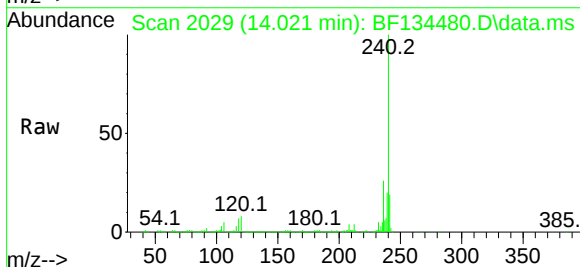
Tgt Ion:240 Resp: 428306

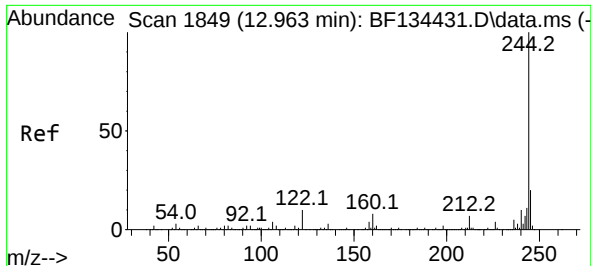
Ion Ratio Lower Upper

240 100

120 8.2 6.6 10.0

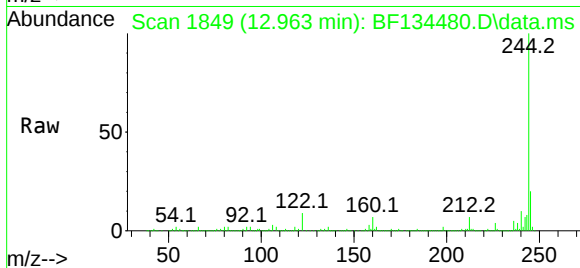
236 25.7 20.2 30.2



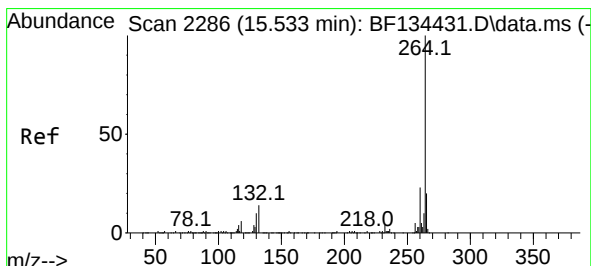
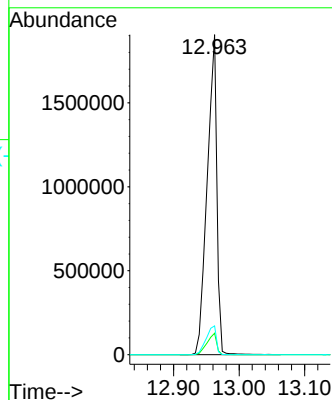
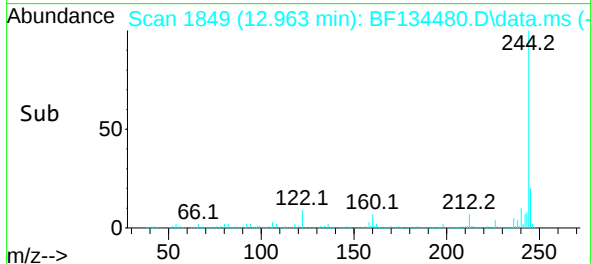


#79
 Terphenyl-d14
 Concen: 79.831 ng
 RT: 12.963 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF134480.D
 Acq: 26 Jul 2023 13:57

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1958685
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 9.0 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.018 min
 Lab File: BF134480.D
 Acq: 26 Jul 2023 13:57

Tgt Ion:264 Resp: 356828
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.5 15.8 23.8

