

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072723\
 Data File : BF134502.D
 Acq On : 27 Jul 2023 11:47
 Operator : CG\JU
 Sample : PB154180BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154180BL

Quant Time: Jul 27 12:18:39 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	6.822	152	82339	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	329573	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	175384	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	375399	20.000	ng	0.00
76) Chrysene-d12	14.010	240	270988	20.000	ng	-0.01
86) Perylene-d12	15.509	264	211172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	105266	21.122	ng	0.00
7) Phenol-d6	6.469	99	101090	16.556	ng	0.00
23) Nitrobenzene-d5	7.386	82	65096	9.993	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	38769	15.558	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	157666	11.802	ng	0.00
79) Terphenyl-d14	12.945	244	160524	10.341	ng	0.00

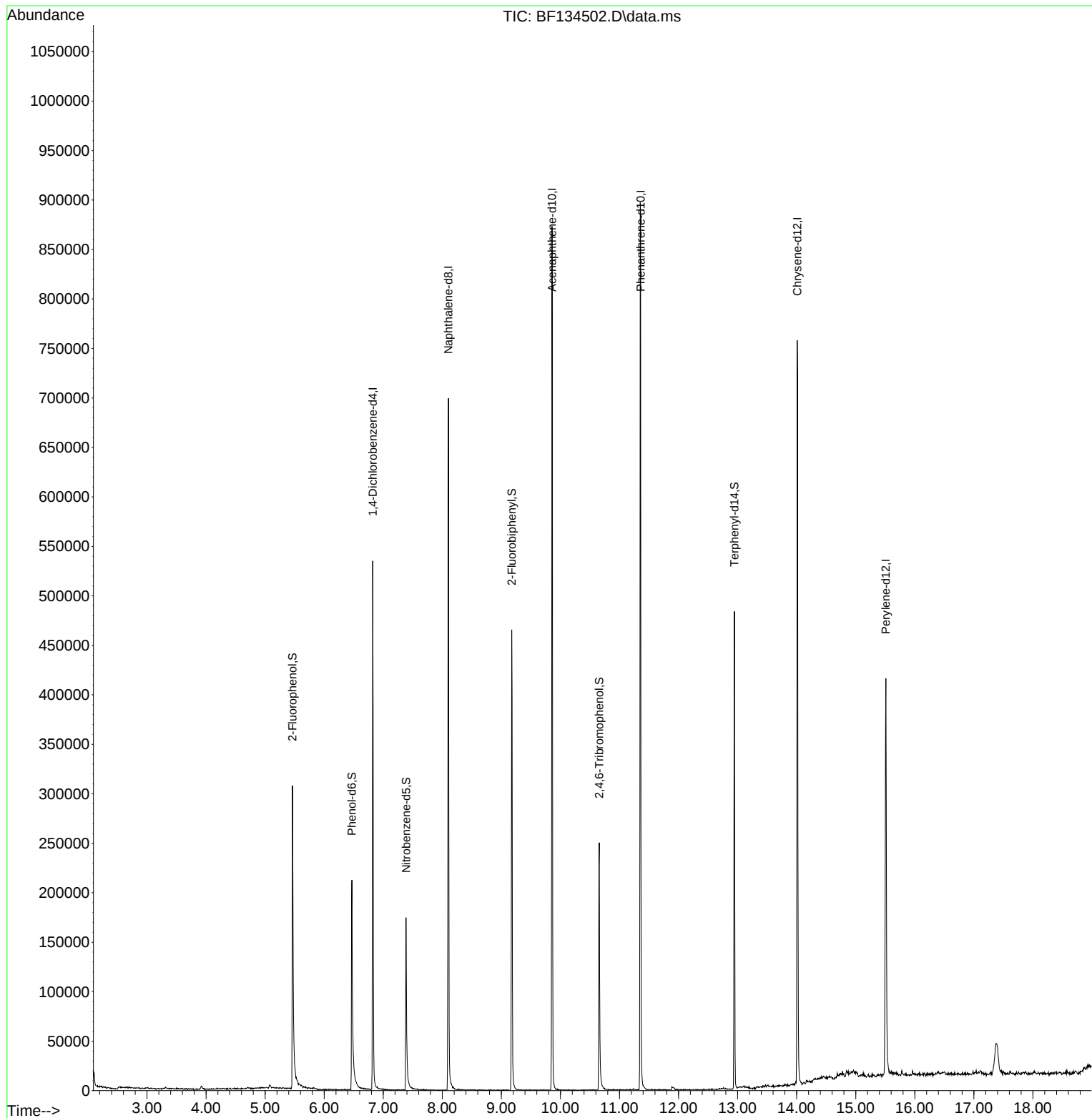
Target Compounds	Qvalue

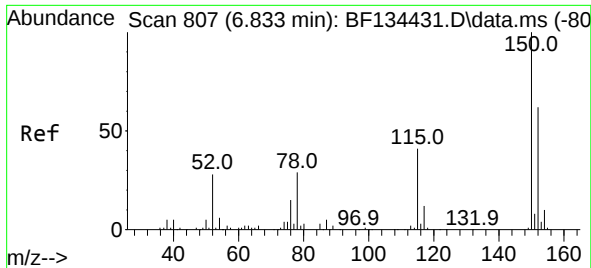
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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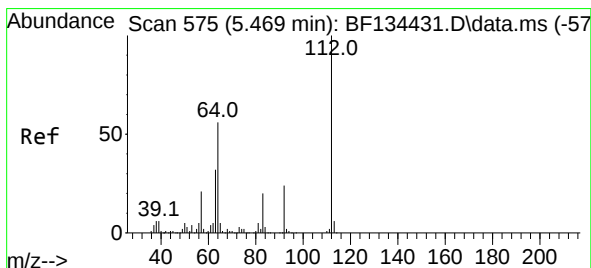
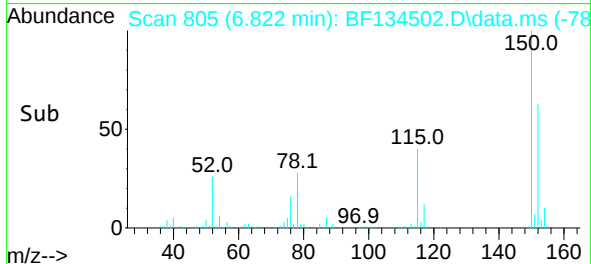
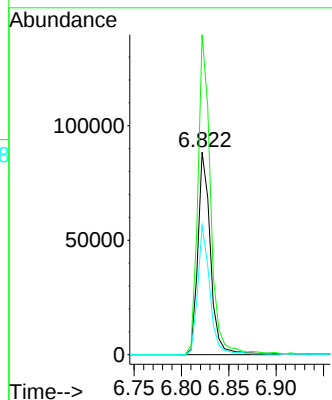
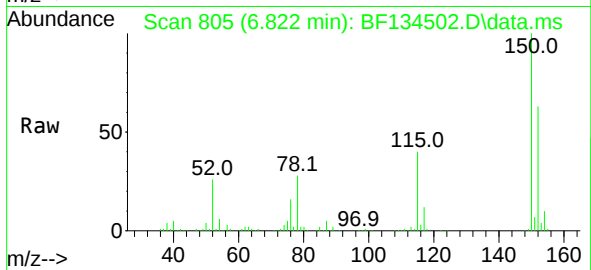




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF134502.D
Acq: 27 Jul 2023 11:47

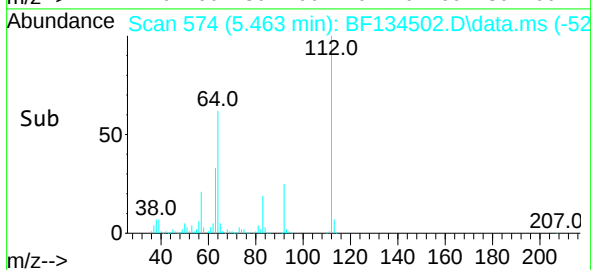
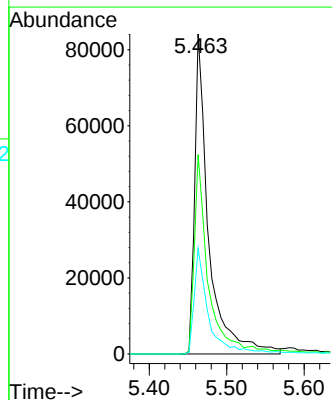
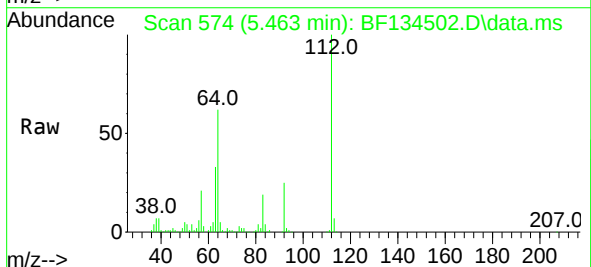
Instrument :
BNA_F
ClientSampleId :
PB154180BL

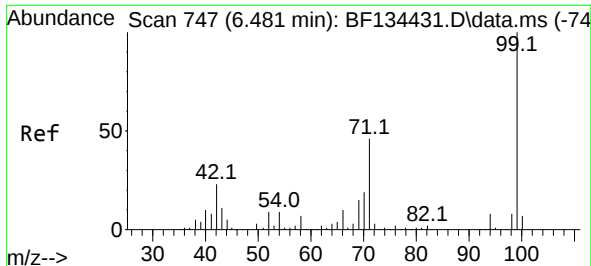
Tgt Ion:152 Resp: 82339
Ion Ratio Lower Upper
152 100
150 158.1 128.3 192.5
115 63.9 52.4 78.6



#5
2-Fluorophenol
Concen: 21.122 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF134502.D
Acq: 27 Jul 2023 11:47

Tgt Ion:112 Resp: 105266
Ion Ratio Lower Upper
112 100
64 62.3 44.9 67.3
63 33.0 25.4 38.0

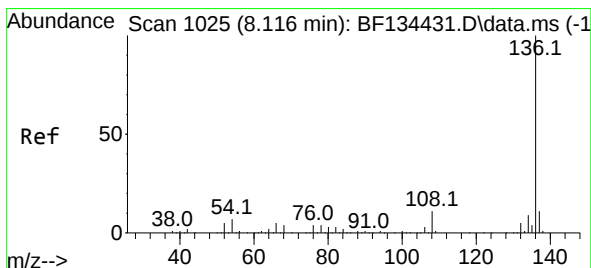
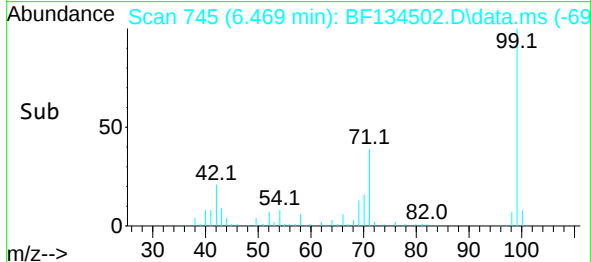
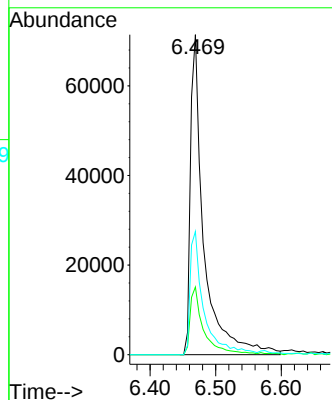
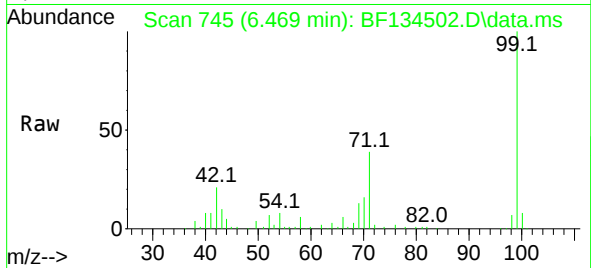




#7
Phenol-d6
Concen: 16.556 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134502.D
Acq: 27 Jul 2023 11:47

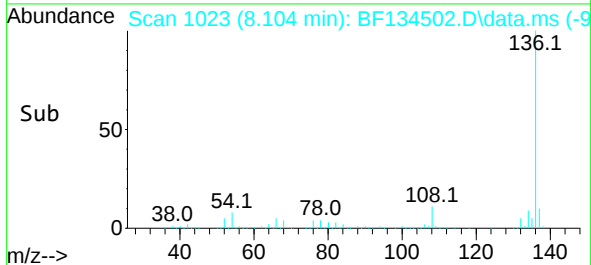
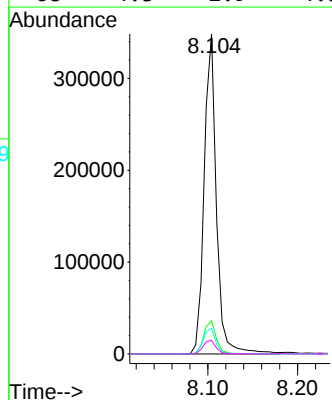
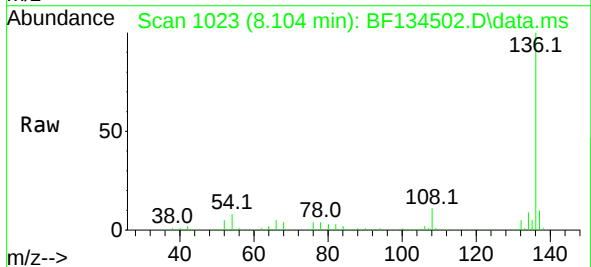
Instrument :
BNA_F
ClientSampleId :
PB154180BL

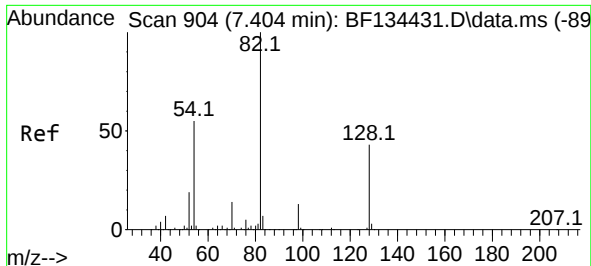
Tgt Ion: 99 Resp: 101090
Ion Ratio Lower Upper
99 100
42 21.2 18.7 28.1
71 38.5 36.4 54.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF134502.D
Acq: 27 Jul 2023 11:47

Tgt Ion: 136 Resp: 329573
Ion Ratio Lower Upper
136 100
137 10.4 8.4 12.6
54 8.0 5.2 7.8#
68 4.3 2.9 4.3





#23

Nitrobenzene-d5

Concen: 9.993 ng

RT: 7.386 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF134502.D

Acq: 27 Jul 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB154180BL

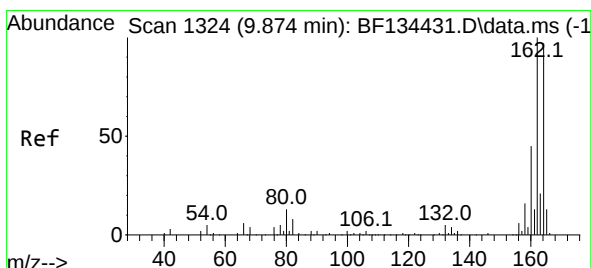
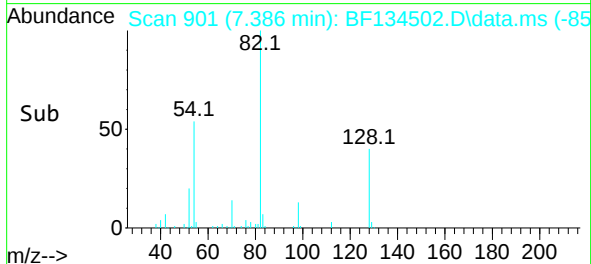
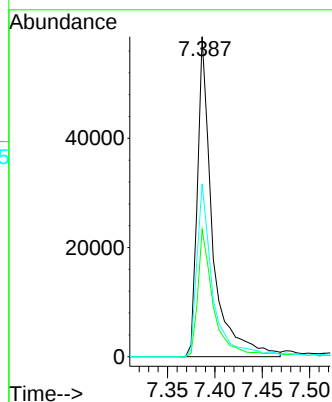
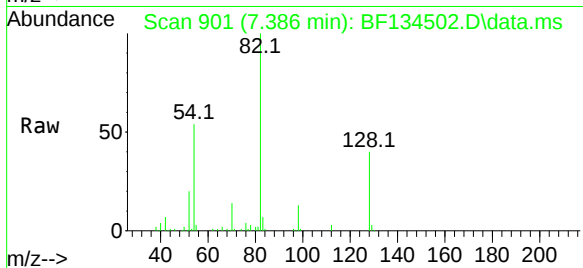
Tgt Ion: 82 Resp: 65096

Ion Ratio Lower Upper

82 100

128 39.7 34.3 51.5

54 53.9 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF134502.D

Acq: 27 Jul 2023 11:47

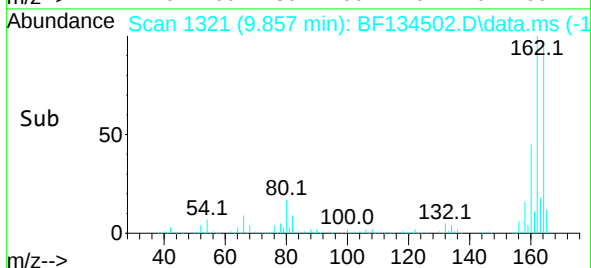
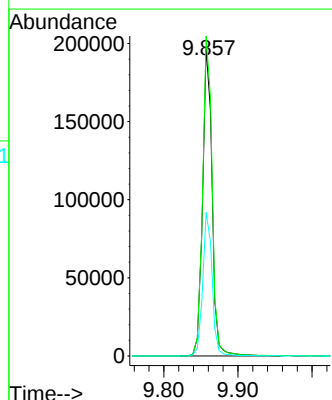
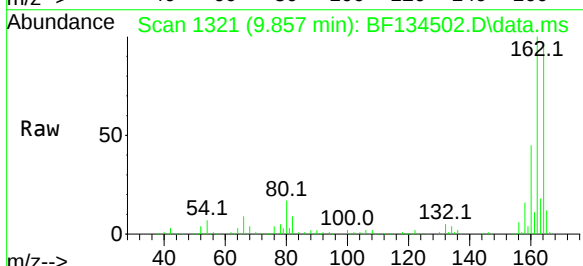
Tgt Ion:164 Resp: 175384

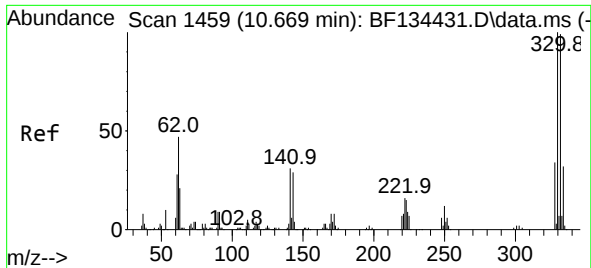
Ion Ratio Lower Upper

164 100

162 104.1 82.6 123.8

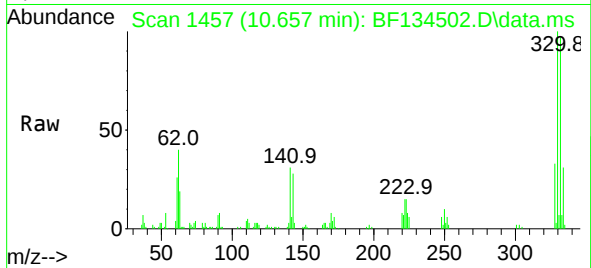
160 46.7 37.2 55.8



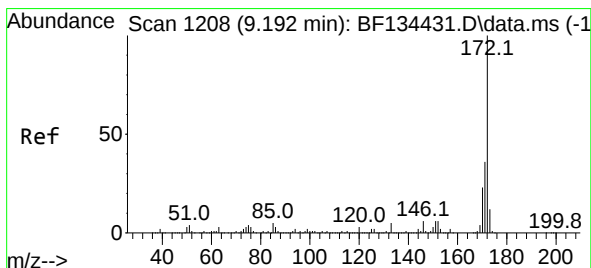
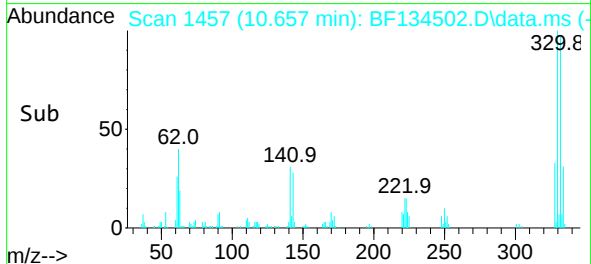
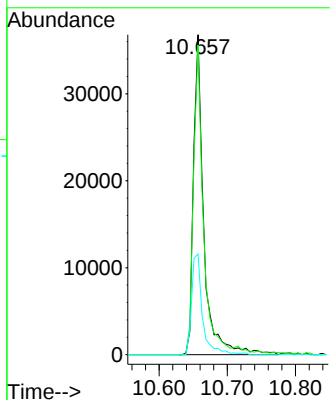


#42
2,4,6-Tribromophenol
Concen: 15.558 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF134502.D
Acq: 27 Jul 2023 11:47

Instrument :
BNA_F
ClientSampleId :
PB154180BL

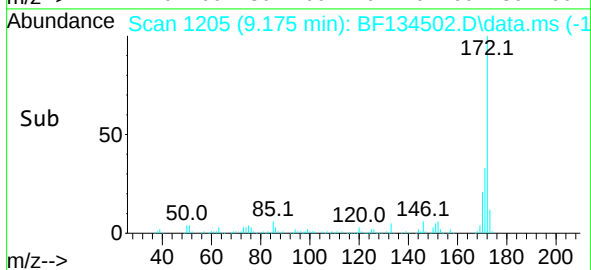
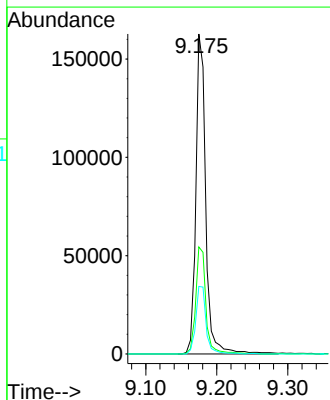
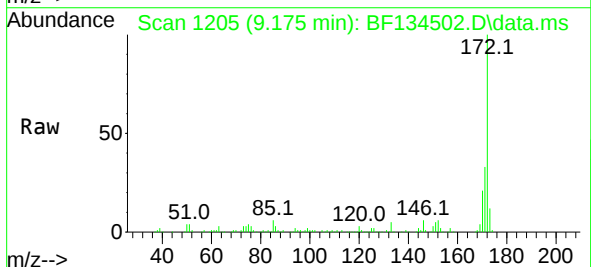


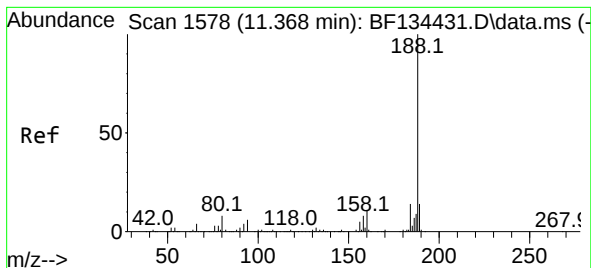
Tgt Ion:330 Resp: 38769
Ion Ratio Lower Upper
330 100
332 96.0 78.8 118.2
141 33.0 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 11.802 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF134502.D
Acq: 27 Jul 2023 11:47

Tgt Ion:172 Resp: 157666
Ion Ratio Lower Upper
172 100
171 33.5 28.8 43.2
170 21.1 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: BF134502.D

Acq: 27 Jul 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB154180BL

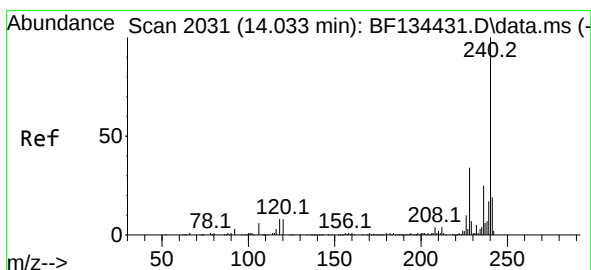
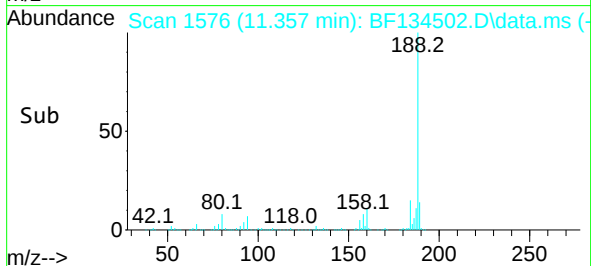
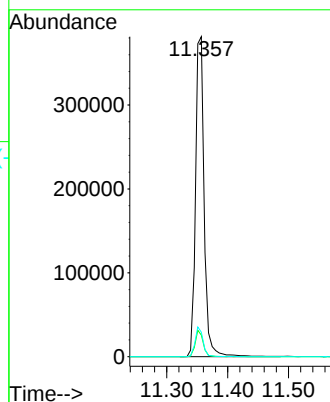
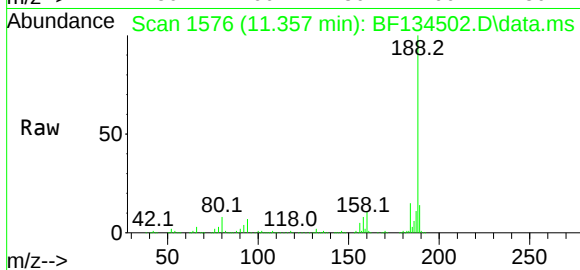
Tgt Ion:188 Resp: 375399

Ion Ratio Lower Upper

188 100

94 6.8 5.1 7.7

80 7.7 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.012 min

Lab File: BF134502.D

Acq: 27 Jul 2023 11:47

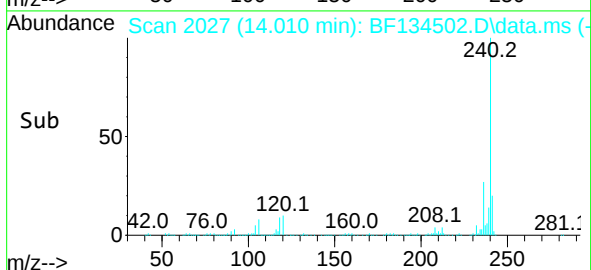
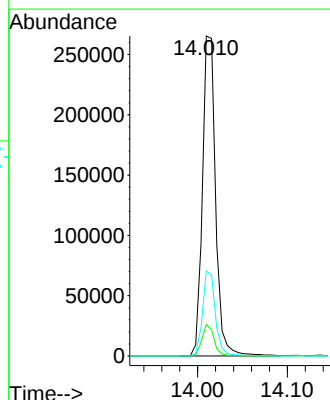
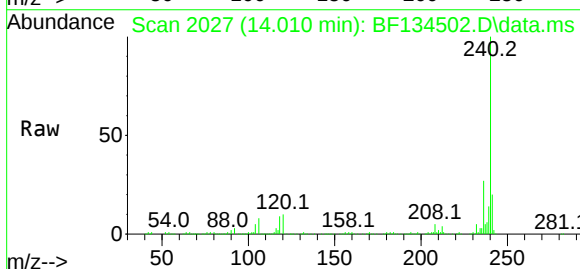
Tgt Ion:240 Resp: 270988

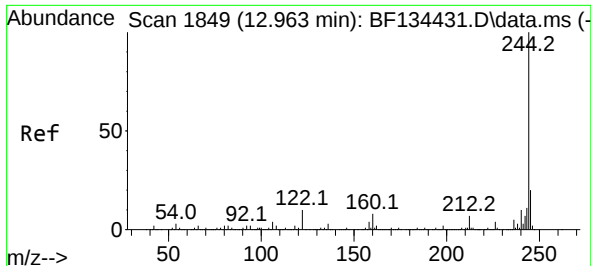
Ion Ratio Lower Upper

240 100

120 9.8 6.6 10.0

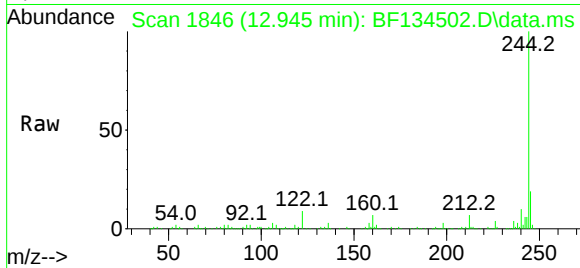
236 26.5 20.2 30.2



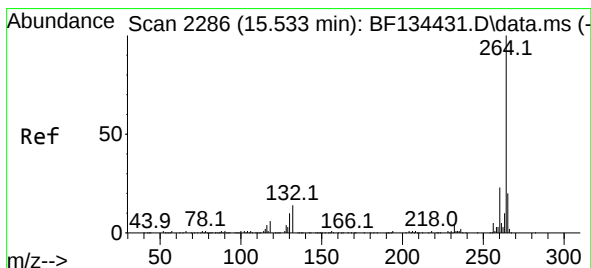
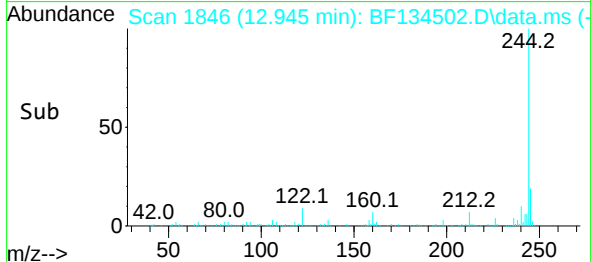
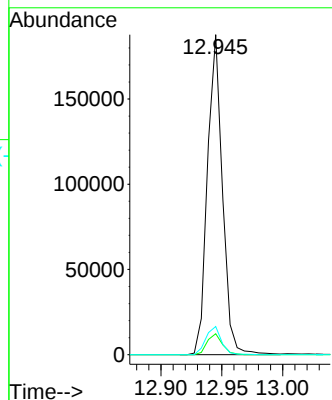


#79
 Terphenyl-d14
 Concen: 10.341 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.006 min
 Lab File: BF134502.D
 Acq: 27 Jul 2023 11:47

Instrument :
 BNA_F
 ClientSampleId :
 PB154180BL



Tgt Ion:244 Resp: 160524
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 8.8 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.006 min
 Lab File: BF134502.D
 Acq: 27 Jul 2023 11:47

Tgt Ion:264 Resp: 211172
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.6 15.8 23.8

