

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
 Data File : BF134731.D
 Acq On : 11 Aug 2023 14:13
 Operator : CG\JU
 Sample : PB154767BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154767BL

Quant Time: Aug 11 22:21:34 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	190908	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	758509	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	395173	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	766963	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	575172	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	466248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1405039	111.876	ng	0.02
7) Phenol-d6	6.440	99	1763025	109.817	ng	0.00
23) Nitrobenzene-d5	7.363	82	1118115	92.120	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	550036	136.539	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1965431	82.696	ng	0.00
79) Terphenyl-d14	12.922	244	2469520	75.689	ng	0.00

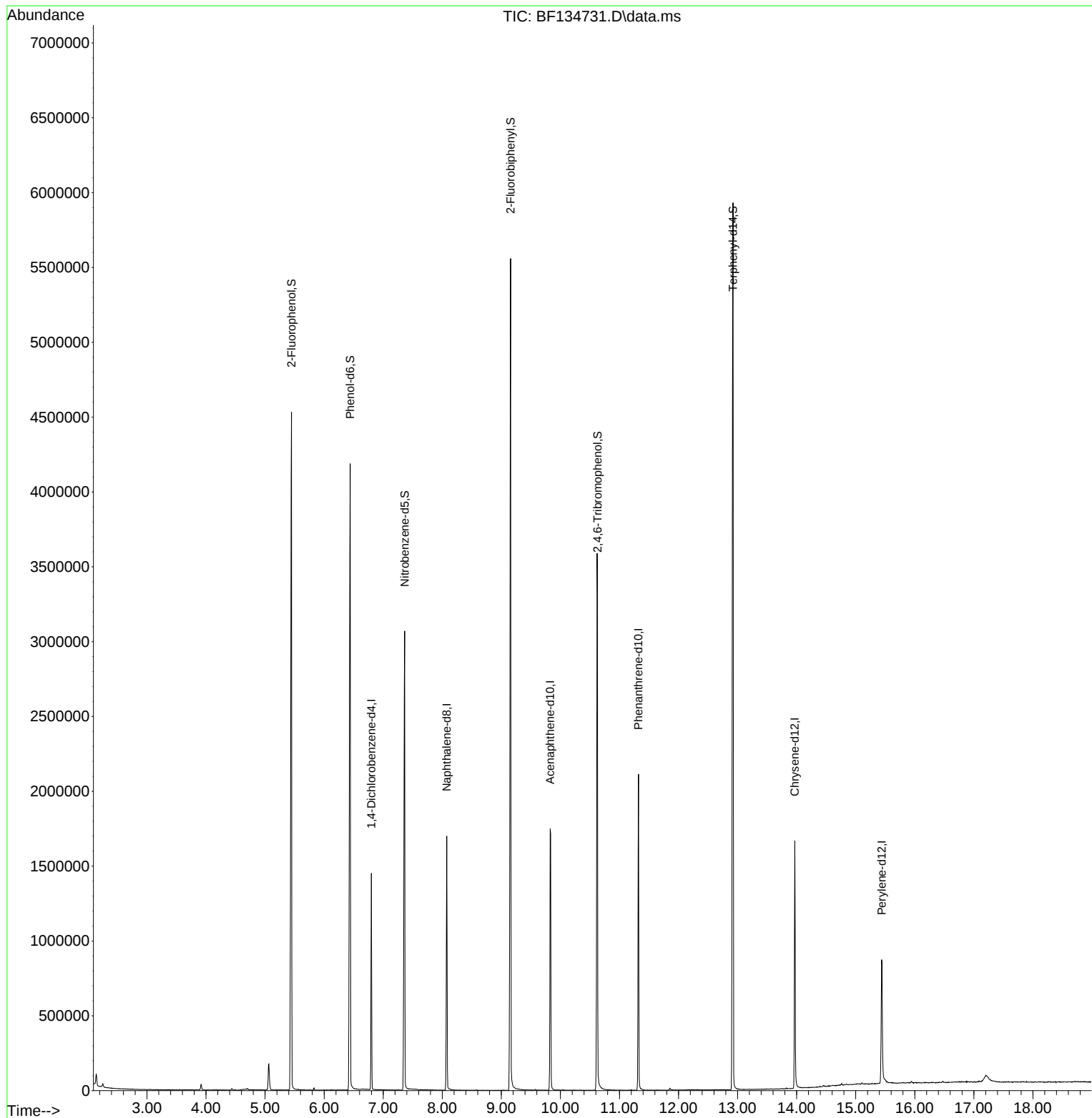
Target Compounds	Qvalue

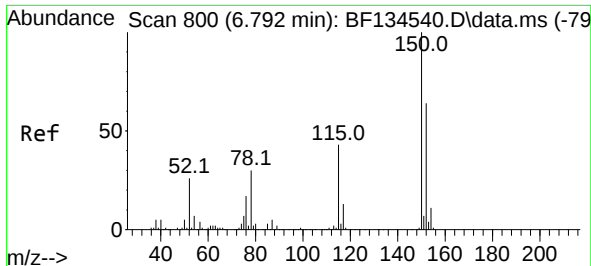
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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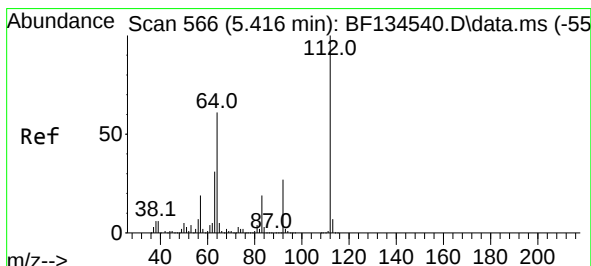
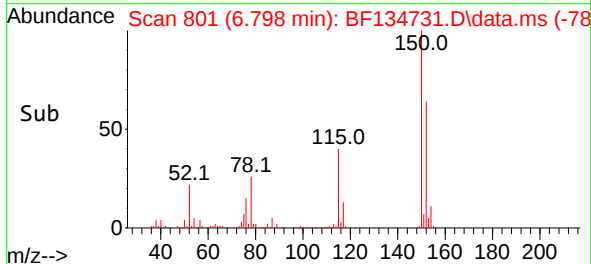
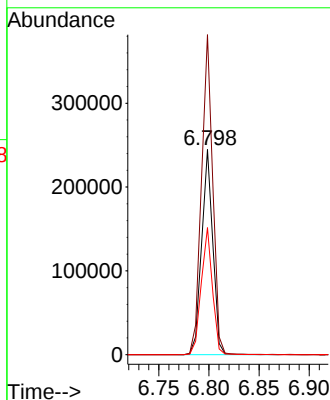
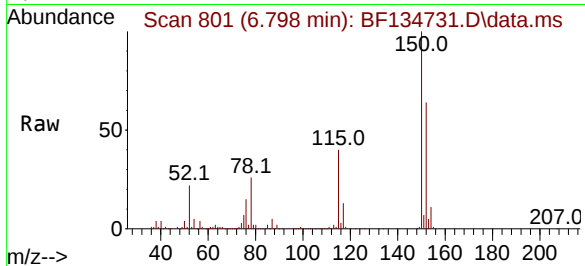




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134731.D
Acq: 11 Aug 2023 14:13

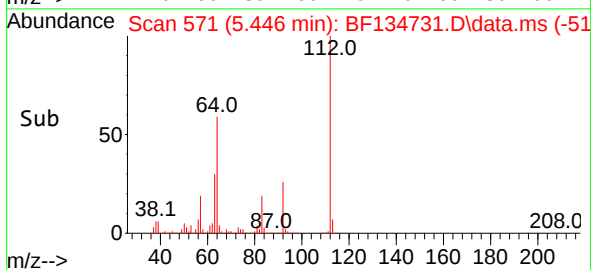
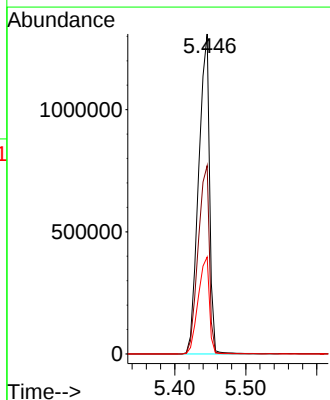
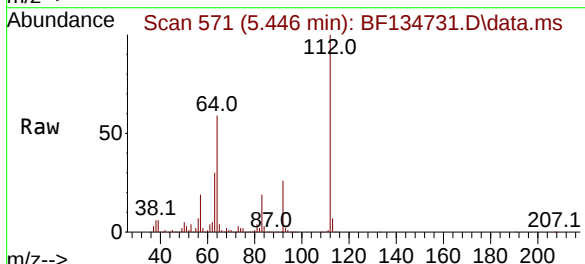
Instrument :
BNA_F
ClientSampleId :
PB154767BL

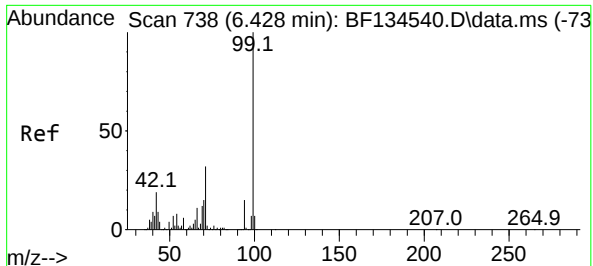
Tgt Ion:152 Resp: 190908
Ion Ratio Lower Upper
152 100
150 156.0 128.3 192.5
115 61.9 52.4 78.6



#5
2-Fluorophenol
Concen: 111.876 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF134731.D
Acq: 11 Aug 2023 14:13

Tgt Ion:112 Resp: 1405039
Ion Ratio Lower Upper
112 100
64 58.8 44.9 67.3
63 30.3 25.4 38.0

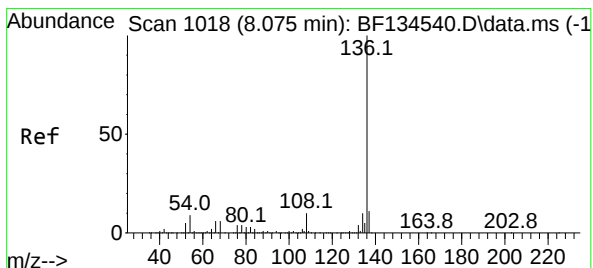
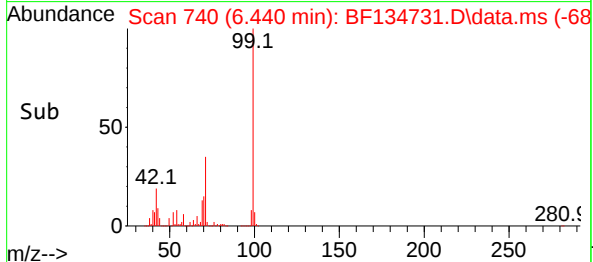
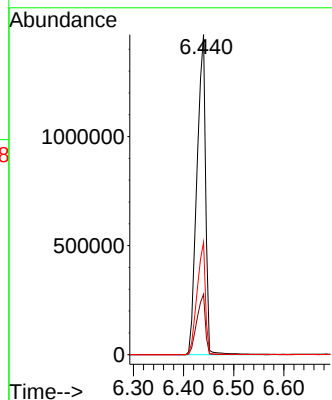
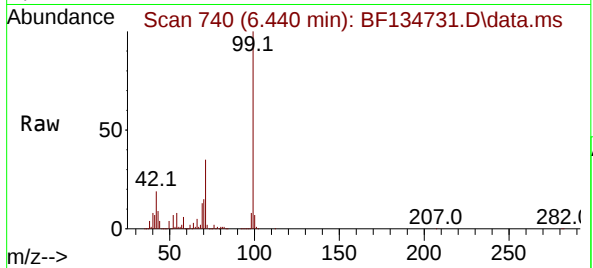




#7
Phenol-d6
Concen: 109.817 ng
RT: 6.440 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134731.D
Acq: 11 Aug 2023 14:13

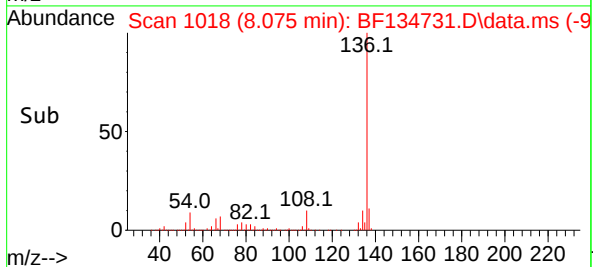
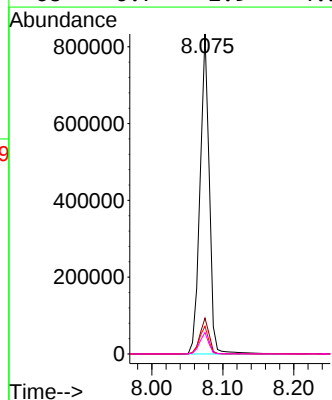
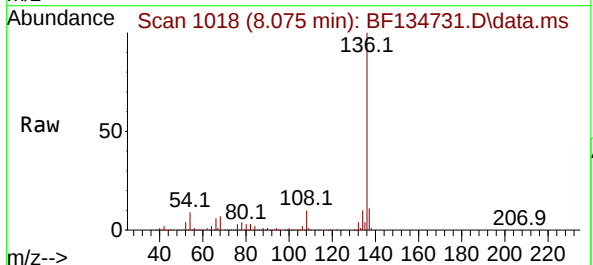
Instrument :
BNA_F
ClientSampleId :
PB154767BL

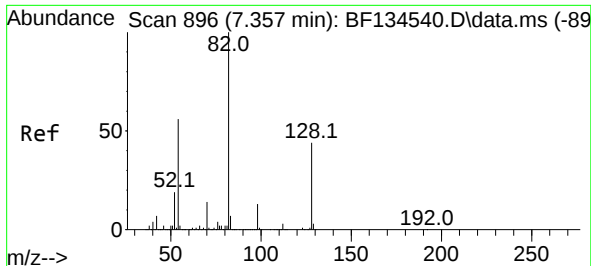
Tgt Ion: 99 Resp: 1763025
Ion Ratio Lower Upper
99 100
42 18.9 18.7 28.1
71 35.2 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134731.D
Acq: 11 Aug 2023 14:13

Tgt Ion: 136 Resp: 758509
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.7 5.2 7.8#
68 6.7 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 92.120 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF134731.D

Acq: 11 Aug 2023 14:13

Instrument :

BNA_F

ClientSampleId :

PB154767BL

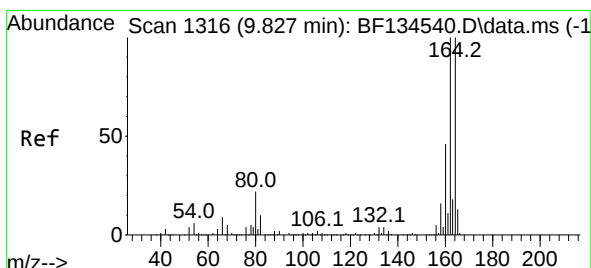
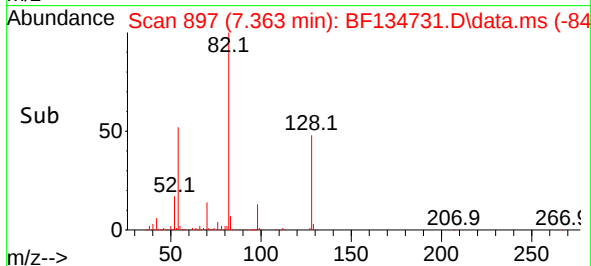
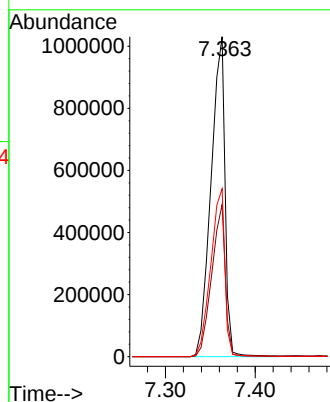
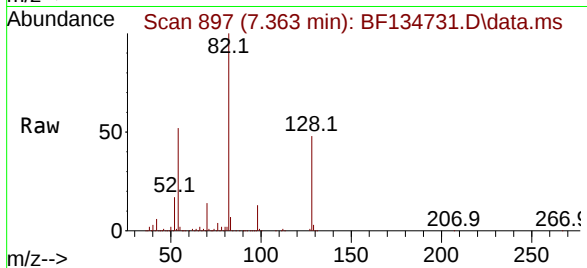
Tgt Ion: 82 Resp: 1118115

Ion Ratio Lower Upper

82 100

128 47.5 34.3 51.5

54 52.5 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF134731.D

Acq: 11 Aug 2023 14:13

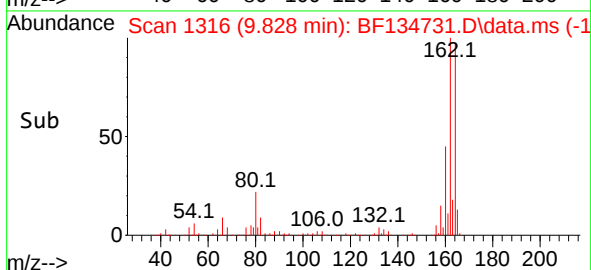
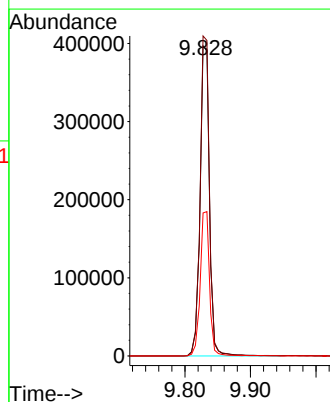
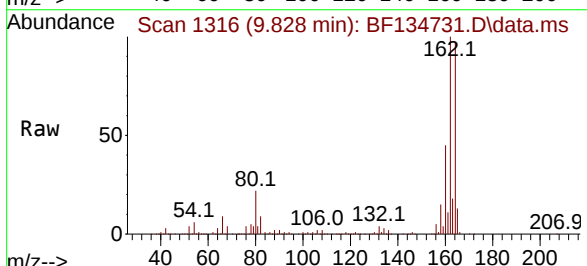
Tgt Ion:164 Resp: 395173

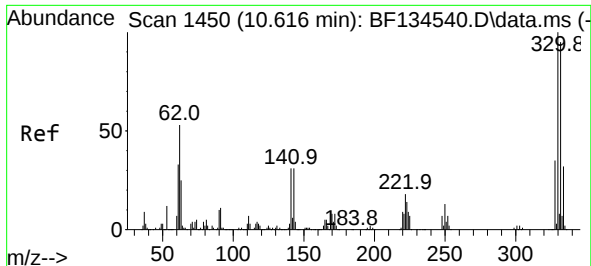
Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

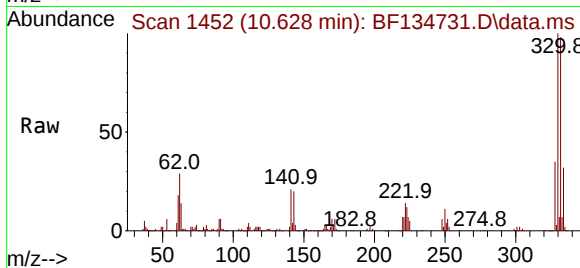
160 46.1 37.2 55.8



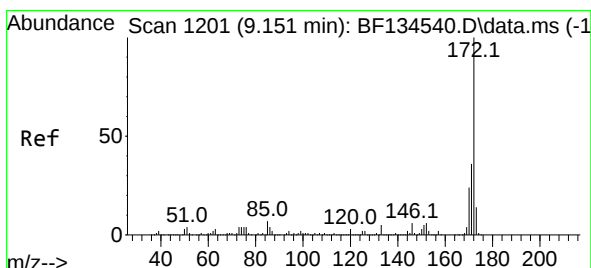
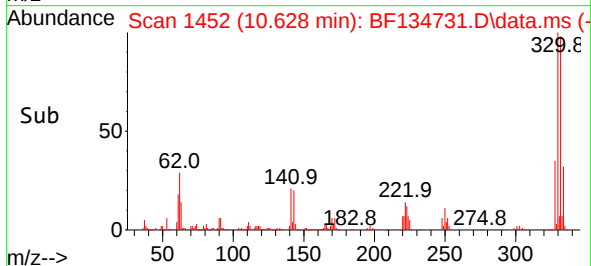
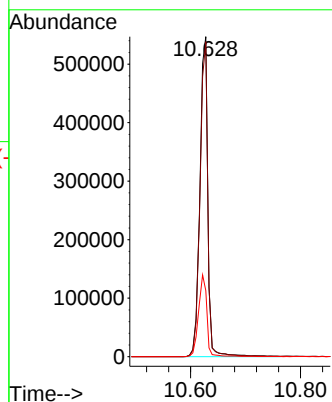


#42
2,4,6-Tribromophenol
Concen: 136.539 ng
RT: 10.628 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF134731.D
Acq: 11 Aug 2023 14:13

Instrument :
BNA_F
ClientSampleId :
PB154767BL

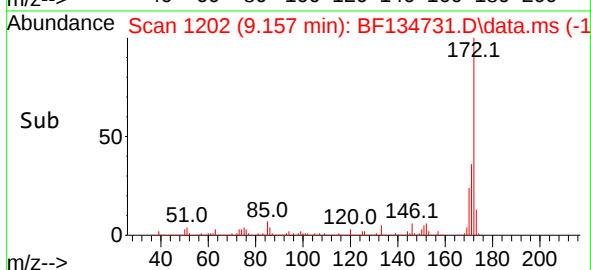
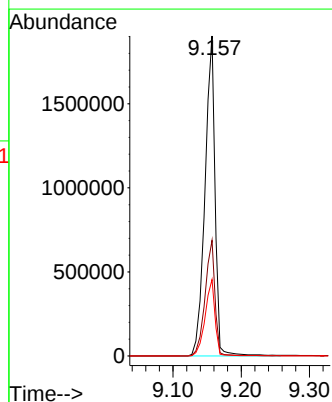
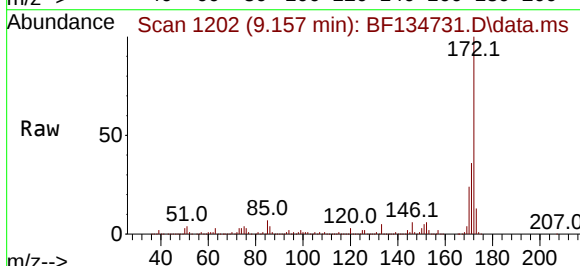


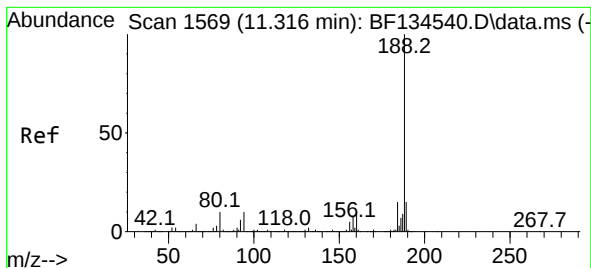
Tgt Ion:330 Resp: 550036
Ion Ratio Lower Upper
330 100
332 97.1 78.8 118.2
141 26.8 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 82.696 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF134731.D
Acq: 11 Aug 2023 14:13

Tgt Ion:172 Resp: 1965431
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 23.9 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134731.D

Acq: 11 Aug 2023 14:13

Instrument :

BNA_F

ClientSampleId :

PB154767BL

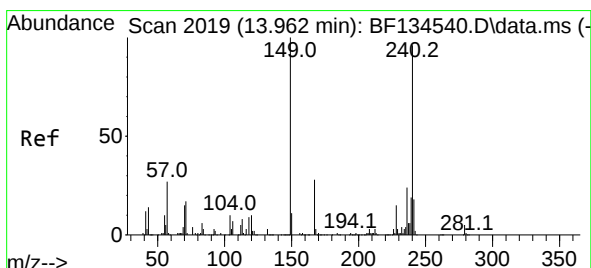
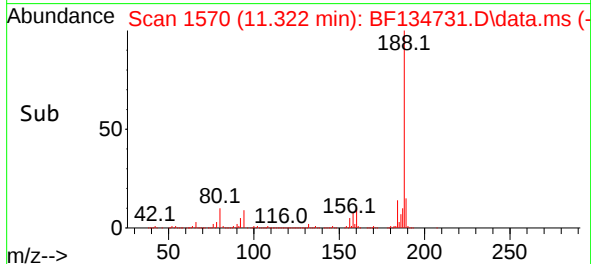
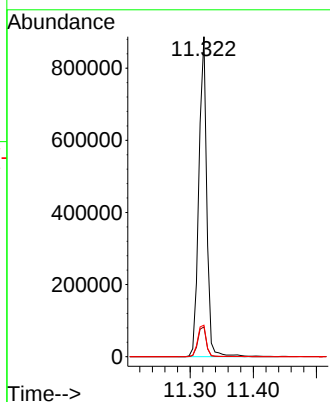
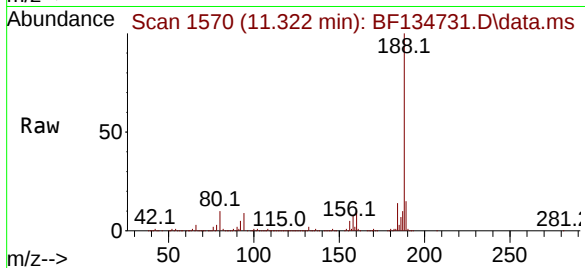
Tgt Ion:188 Resp: 766963

Ion Ratio Lower Upper

188 100

94 9.3 5.1 7.7#

80 9.9 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF134731.D

Acq: 11 Aug 2023 14:13

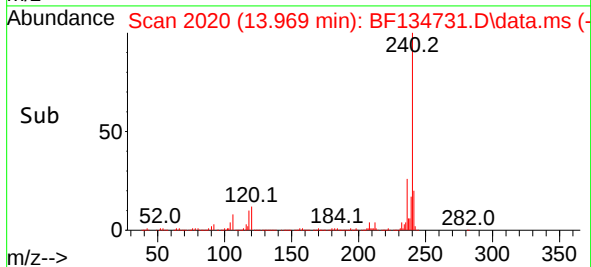
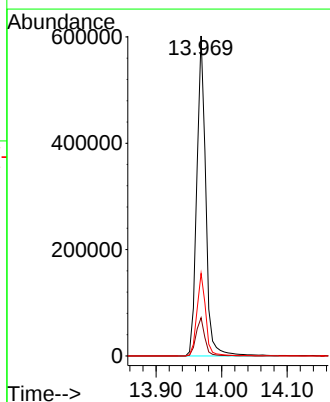
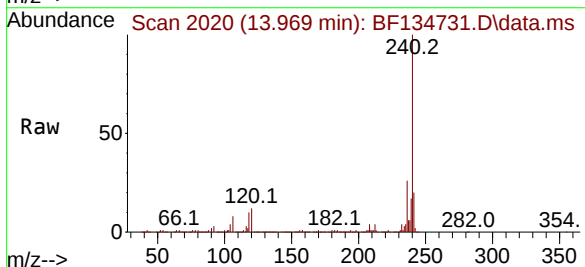
Tgt Ion:240 Resp: 575172

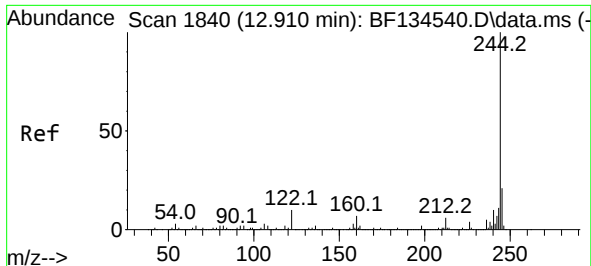
Ion Ratio Lower Upper

240 100

120 11.9 6.6 10.0#

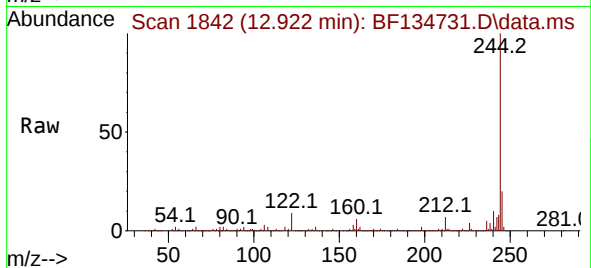
236 25.8 20.2 30.2



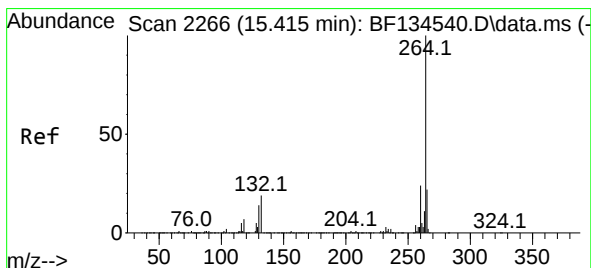
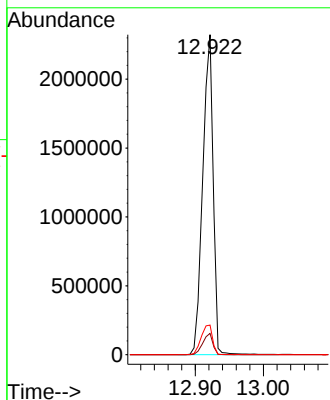
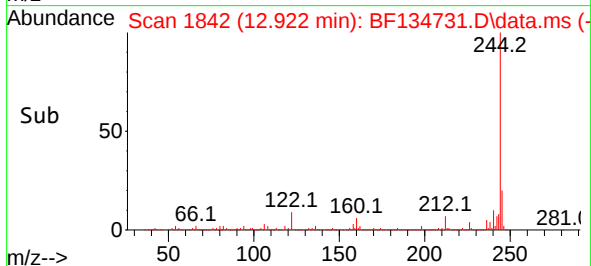


#79
 Terphenyl-d14
 Concen: 75.689 ng
 RT: 12.922 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF134731.D
 Acq: 11 Aug 2023 14:13

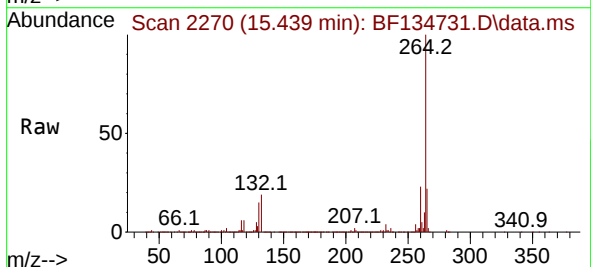
Instrument :
 BNA_F
 ClientSampleId :
 PB154767BL



Tgt Ion:244 Resp: 2469520
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 9.2 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF134731.D
 Acq: 11 Aug 2023 14:13



Tgt Ion:264 Resp: 466248
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.6 15.8 23.8

