

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
 Data File : BF134757.D
 Acq On : 14 Aug 2023 13:47
 Operator : CG\JU
 Sample : PB154790BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154790BL

Quant Time: Aug 15 00:30:22 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	174571	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	690122	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	350404	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	651289	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	478193	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	409588	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1382486	120.382	ng	0.02
7) Phenol-d6	6.440	99	1721726	117.281	ng	0.00
23) Nitrobenzene-d5	7.363	82	1086850	98.418	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	510745	142.984	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1912057	90.729	ng	0.00
79) Terphenyl-d14	12.921	244	2220498	81.859	ng	0.00

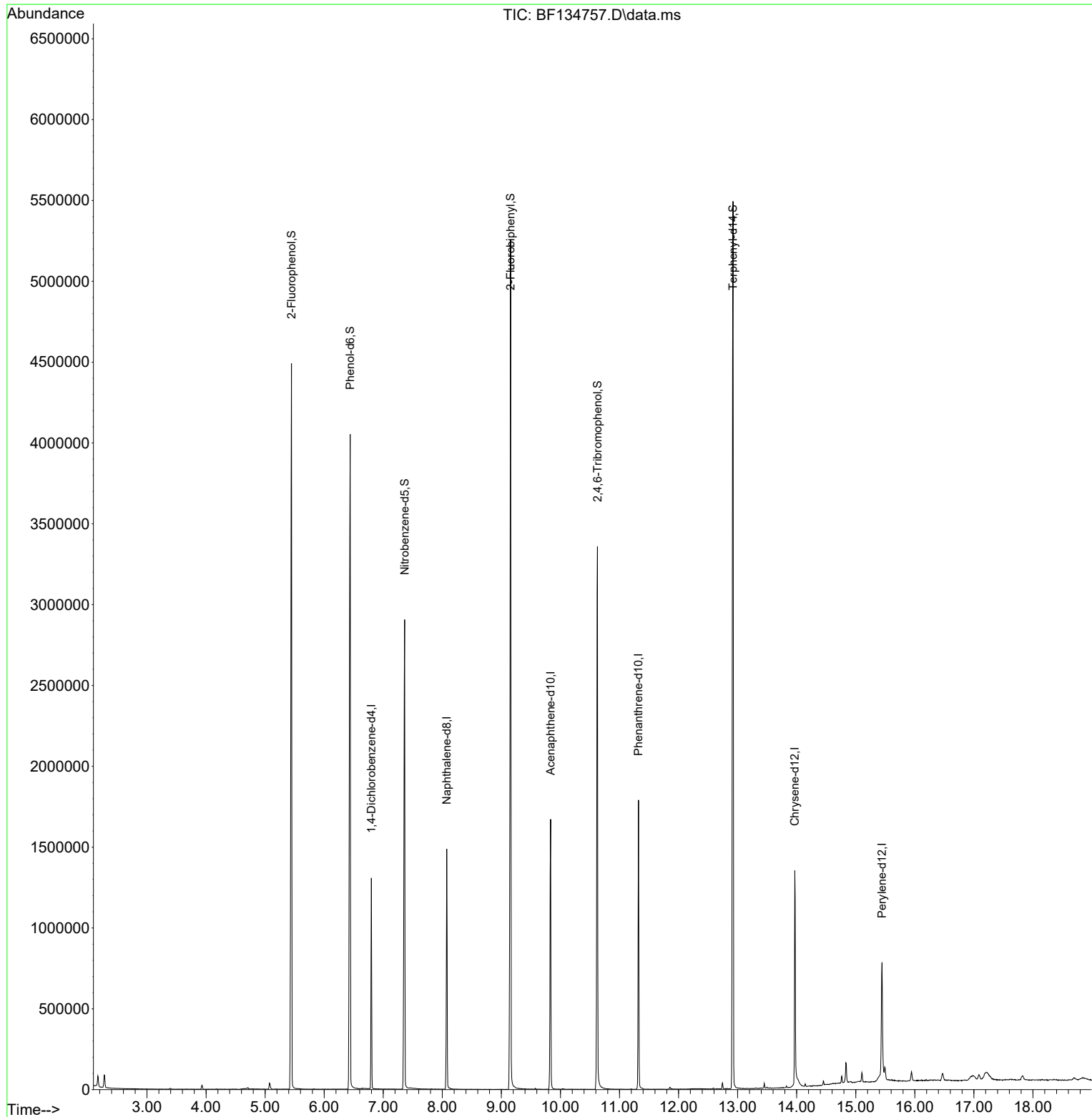
Target Compounds	Qvalue

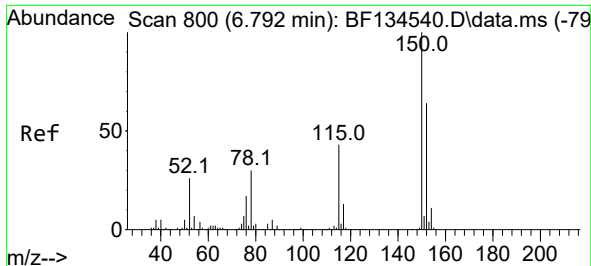
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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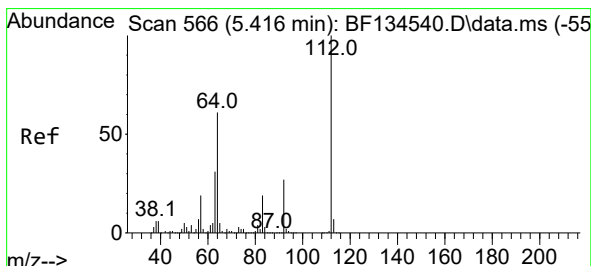
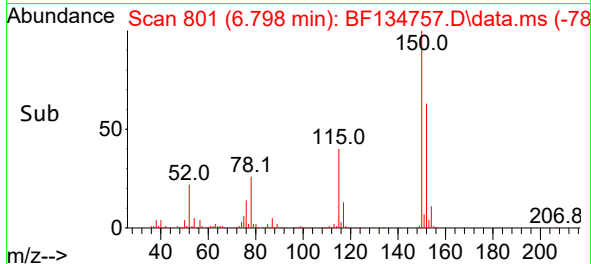
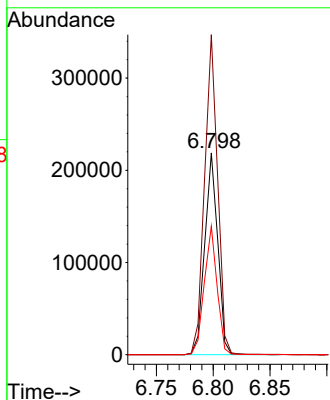
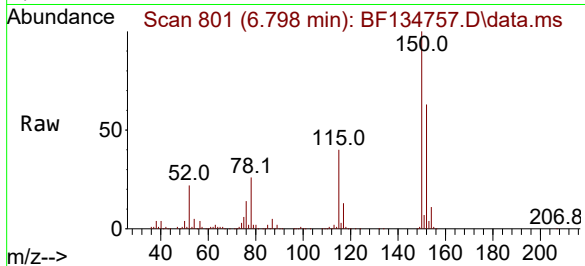




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134757.D
 Acq: 14 Aug 2023 13:47

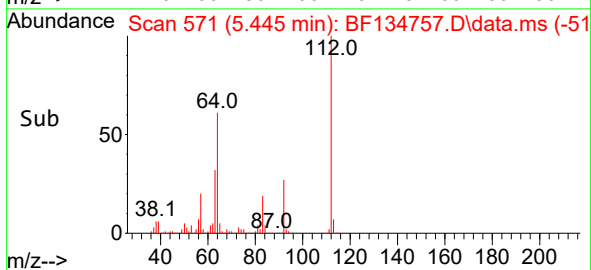
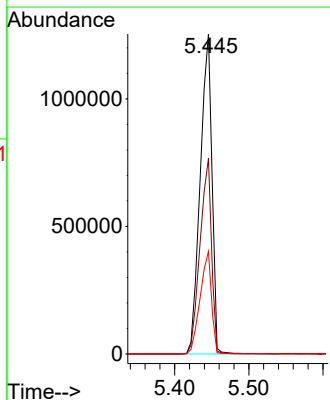
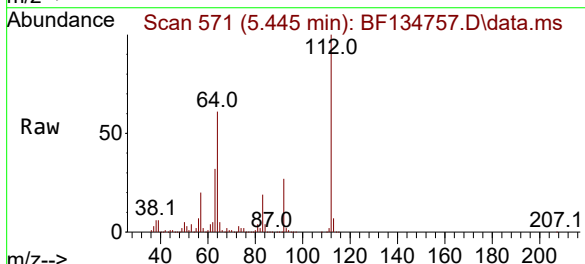
Instrument :
 BNA_F
 ClientSampleId :
 PB154790BL

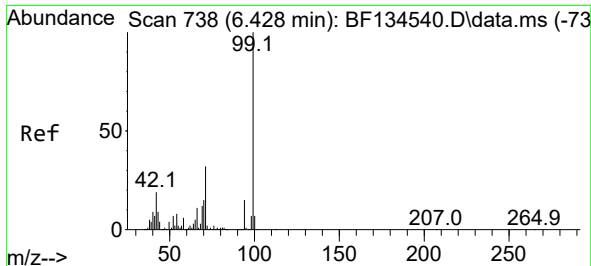
Tgt Ion:152 Resp: 174571
 Ion Ratio Lower Upper
 152 100
 150 158.6 128.3 192.5
 115 63.7 52.4 78.6



#5
 2-Fluorophenol
 Concen: 120.382 ng
 RT: 5.445 min Scan# 571
 Delta R.T. 0.018 min
 Lab File: BF134757.D
 Acq: 14 Aug 2023 13:47

Tgt Ion:112 Resp: 1382486
 Ion Ratio Lower Upper
 112 100
 64 61.1 44.9 67.3
 63 32.1 25.4 38.0

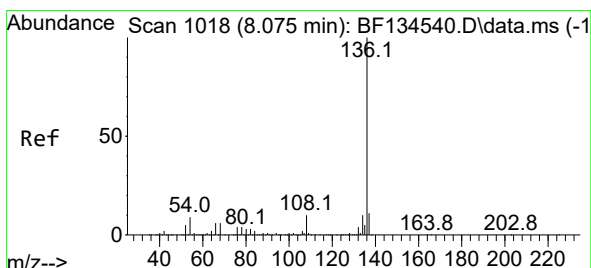
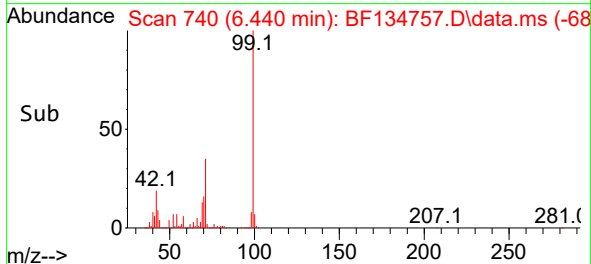
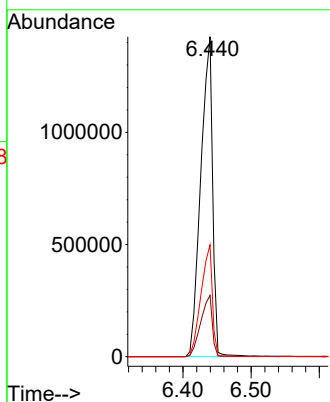
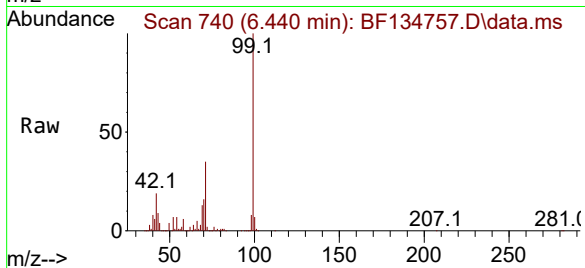




#7
Phenol-d6
Concen: 117.281 ng
RT: 6.440 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134757.D
Acq: 14 Aug 2023 13:47

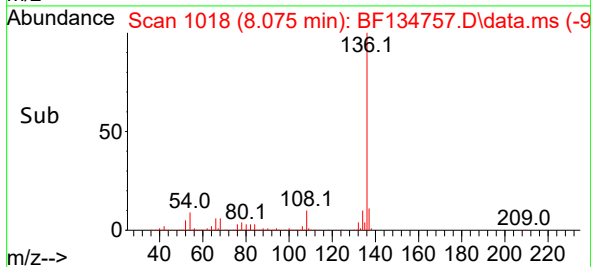
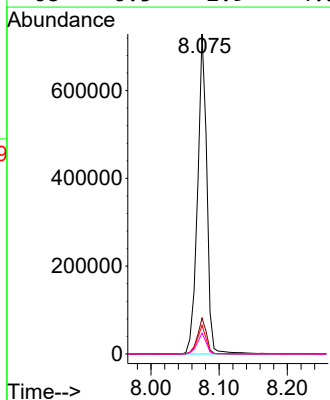
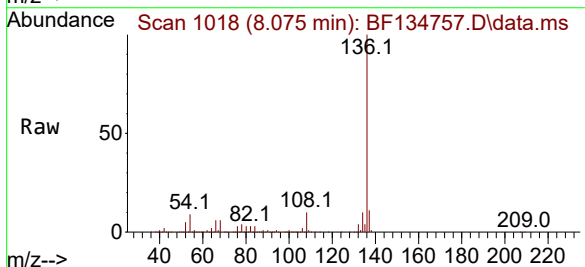
Instrument :
BNA_F
ClientSampleId :
PB154790BL

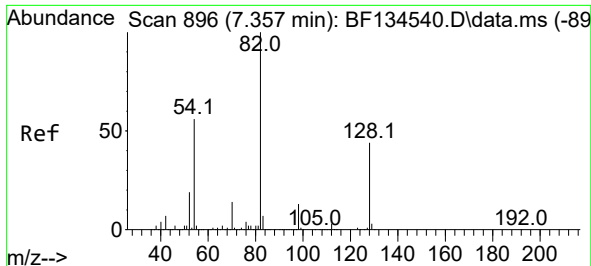
Tgt Ion: 99 Resp: 1721726
Ion Ratio Lower Upper
99 100
42 19.2 18.7 28.1
71 34.9 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134757.D
Acq: 14 Aug 2023 13:47

Tgt Ion: 136 Resp: 690122
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.0 5.2 7.8#
68 6.5 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 98.418 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF134757.D

Acq: 14 Aug 2023 13:47

Instrument :

BNA_F

ClientSampleId :

PB154790BL

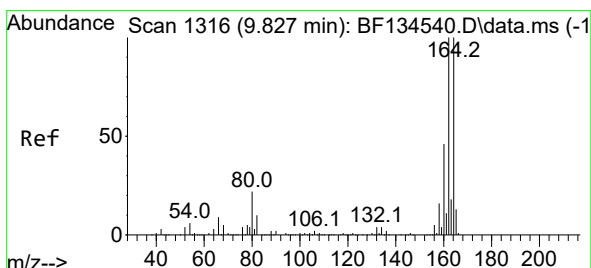
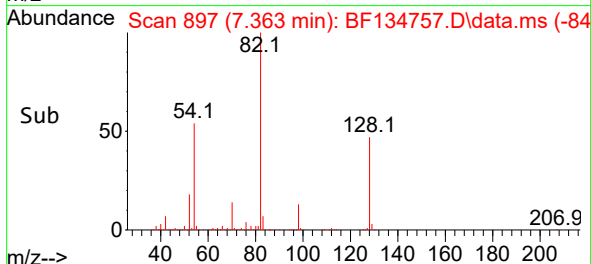
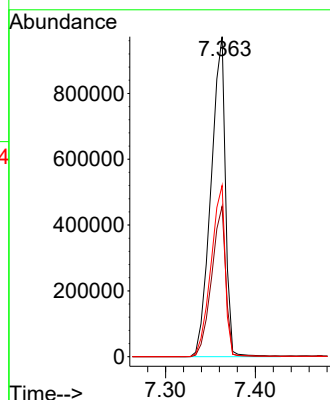
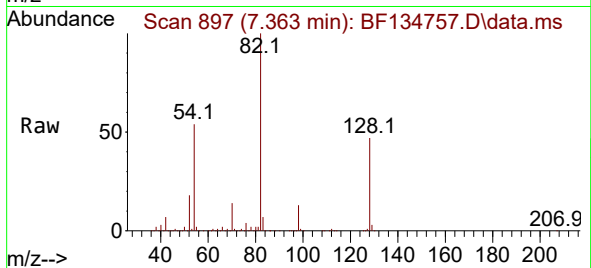
Tgt Ion: 82 Resp: 1086850

Ion Ratio Lower Upper

82 100

128 47.0 34.3 51.5

54 53.5 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF134757.D

Acq: 14 Aug 2023 13:47

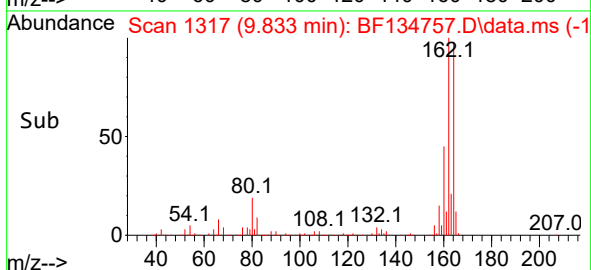
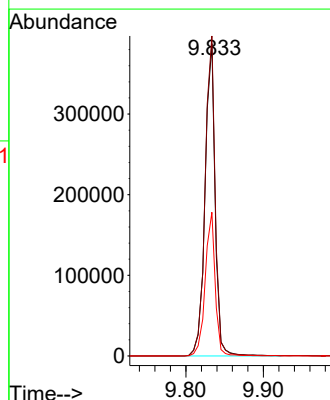
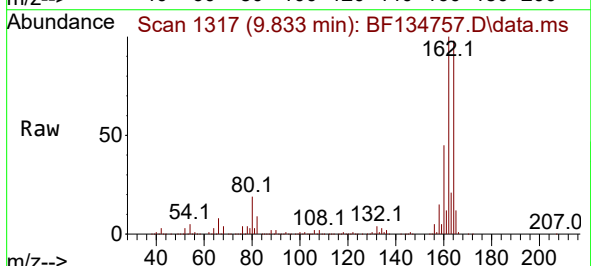
Tgt Ion:164 Resp: 350404

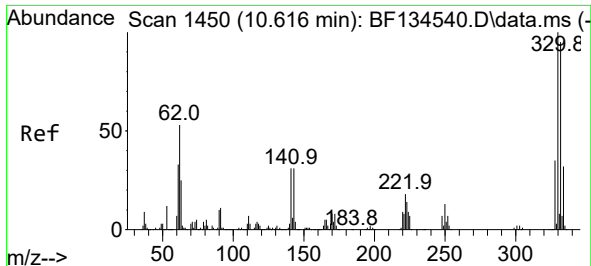
Ion Ratio Lower Upper

164 100

162 102.5 82.6 123.8

160 46.0 37.2 55.8

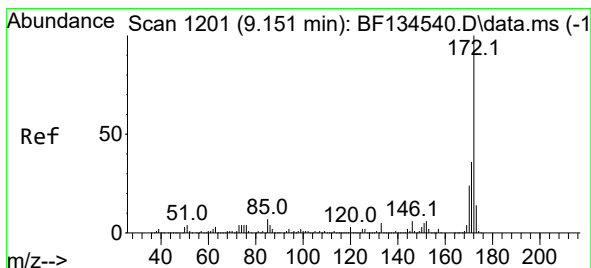
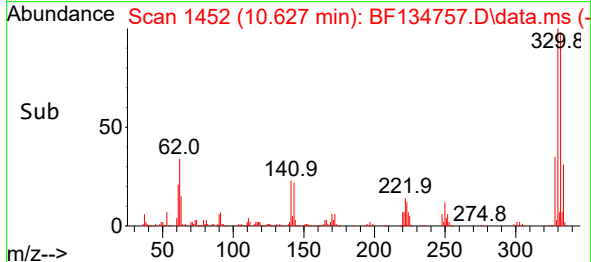
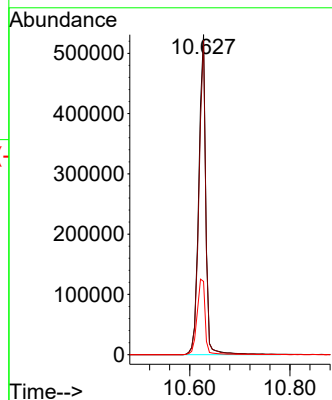
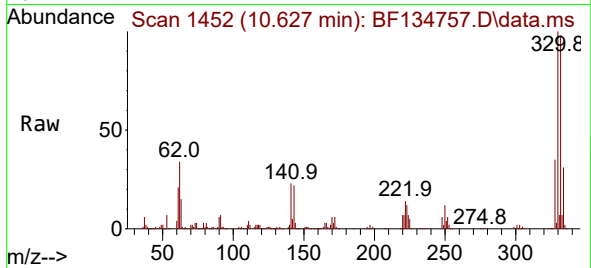




#42
 2,4,6-Tribromophenol
 Concen: 142.984 ng
 RT: 10.627 min Scan# 1450
 Delta R.T. 0.000 min
 Lab File: BF134757.D
 Acq: 14 Aug 2023 13:47

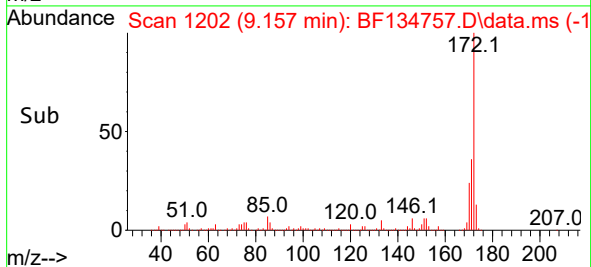
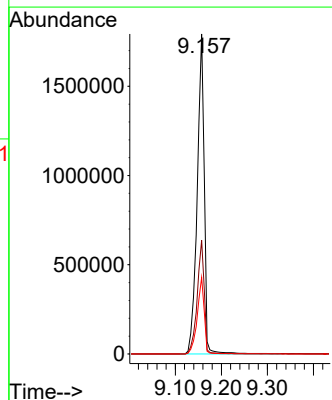
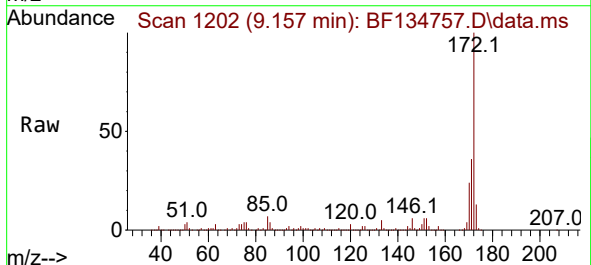
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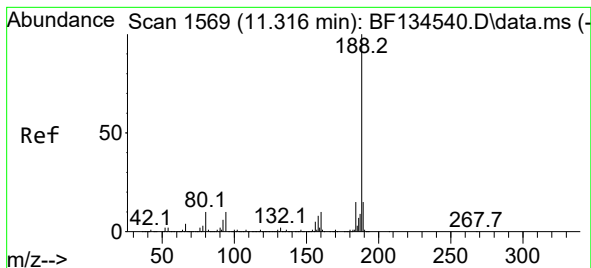
Tgt Ion:330 Resp: 510745
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.8 118.2
 141 27.5 25.4 38.2



#45
 2-Fluorobiphenyl
 Concen: 90.729 ng
 RT: 9.157 min Scan# 1202
 Delta R.T. -0.006 min
 Lab File: BF134757.D
 Acq: 14 Aug 2023 13:47

Tgt Ion:172 Resp: 1912057
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.8 43.2
 170 23.9 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134757.D

Acq: 14 Aug 2023 13:47

Instrument :

BNA_F

ClientSampleId :

PB154790BL

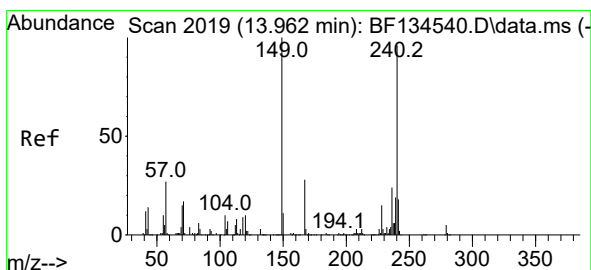
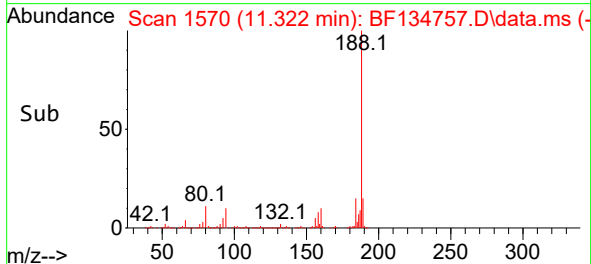
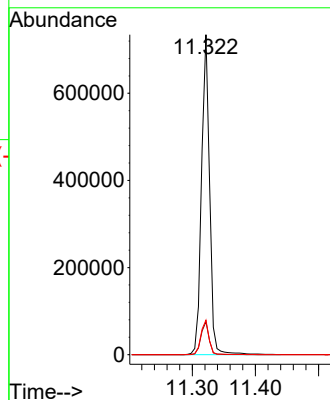
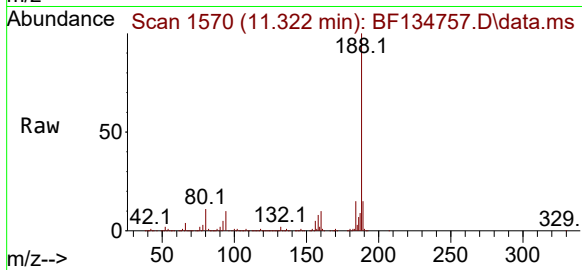
Tgt Ion:188 Resp: 651289

Ion Ratio Lower Upper

188 100

94 10.3 5.1 7.7#

80 10.8 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF134757.D

Acq: 14 Aug 2023 13:47

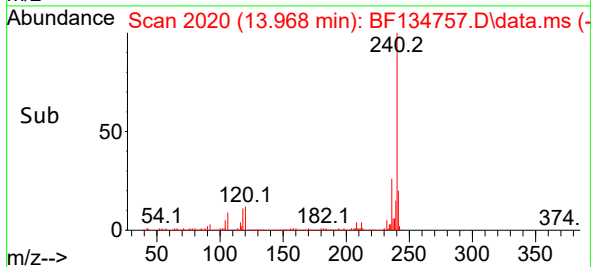
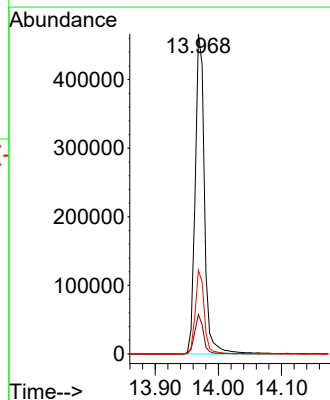
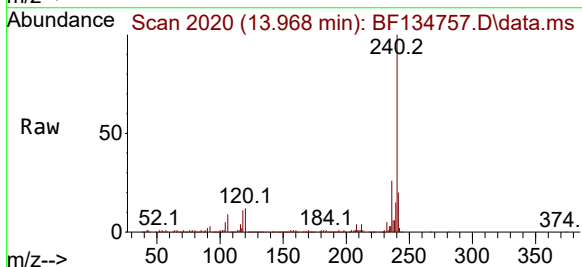
Tgt Ion:240 Resp: 478193

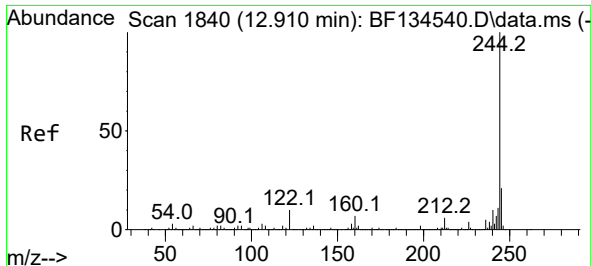
Ion Ratio Lower Upper

240 100

120 12.3 6.6 10.0#

236 26.2 20.2 30.2

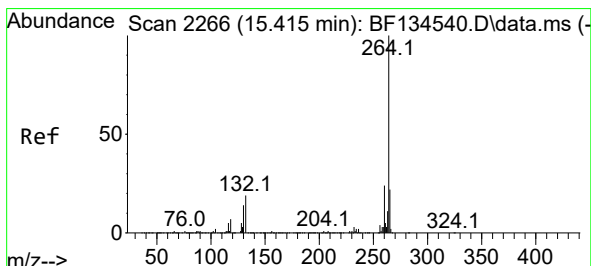
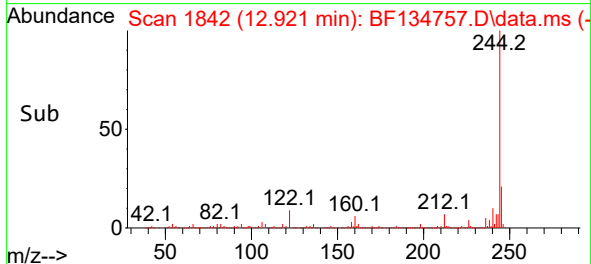
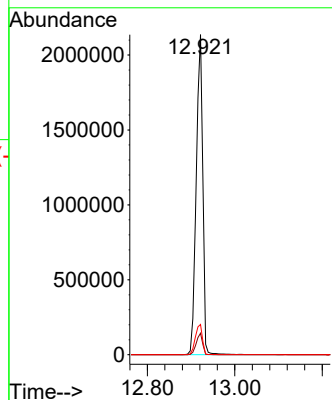
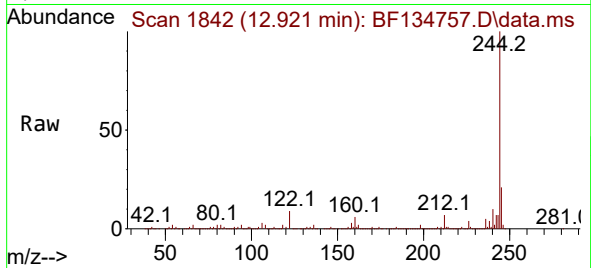




#79
 Terphenyl-d14
 Concen: 81.859 ng
 RT: 12.921 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF134757.D
 Acq: 14 Aug 2023 13:47

Instrument :
 BNA_F
 ClientSampleId :
 PB154790BL

Tgt Ion:244 Resp: 2220498
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 9.4 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF134757.D
 Acq: 14 Aug 2023 13:47

Tgt Ion:264 Resp: 409588
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.4 27.6
 265 21.9 15.8 23.8

