

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
 Data File : BF134519.D
 Acq On : 28 Jul 2023 17:05
 Operator : CG\JU
 Sample : PB154028BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154028BL

Quant Time: Jul 28 18:19:04 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	6.828	152	109398	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	402841	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	236947	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	509193	20.000	ng	# 0.00
76) Chrysene-d12	14.016	240	232365	20.000	ng	0.00
86) Perylene-d12	15.515	264	209771	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	815646	123.183	ng	0.02
7) Phenol-d6	6.475	99	964371	118.875	ng	0.00
23) Nitrobenzene-d5	7.398	82	694229	87.191	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	428720	127.345	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1443803	79.993	ng	0.00
79) Terphenyl-d14	12.957	244	1314566	98.758	ng	0.00

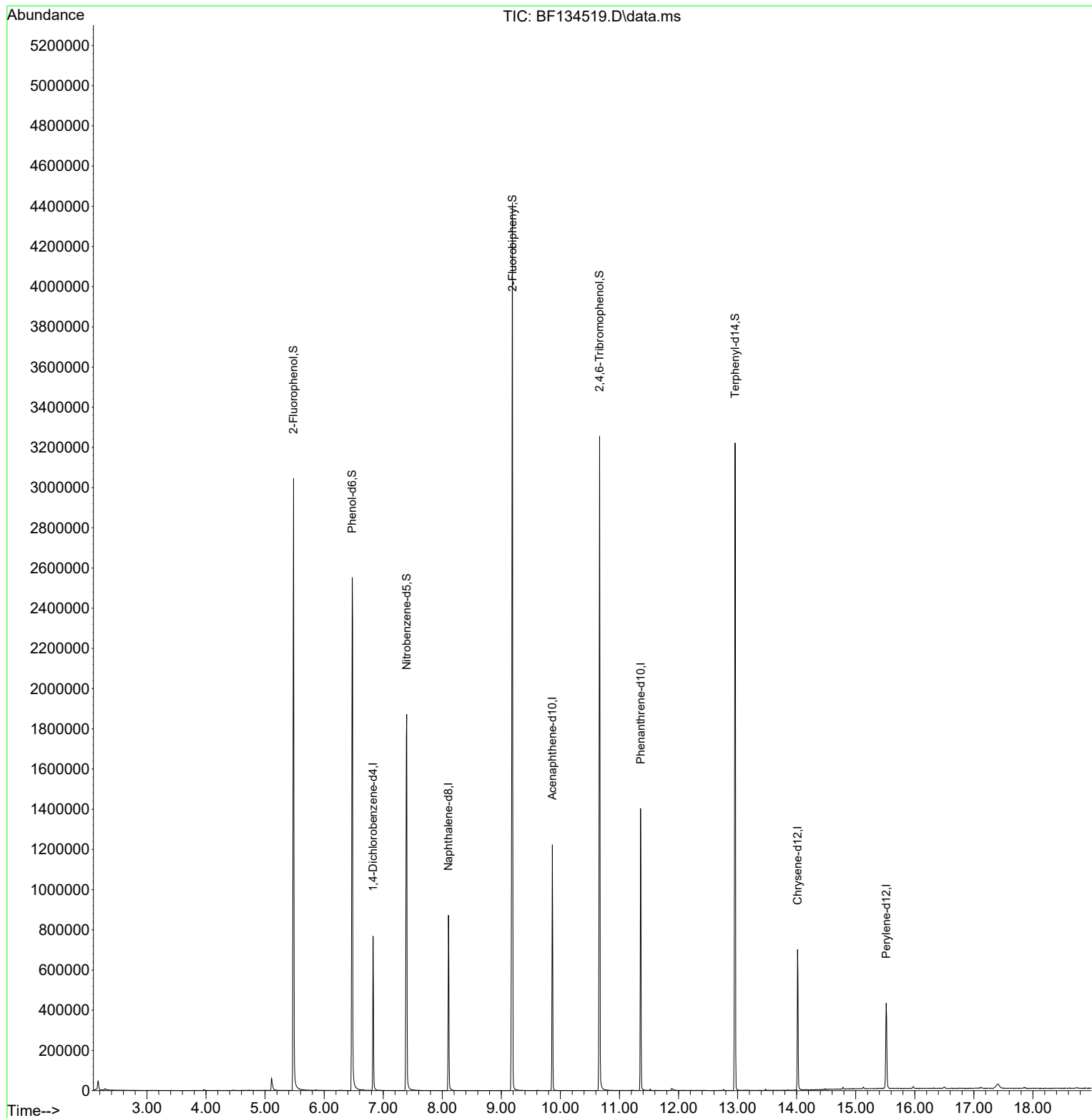
Target Compounds	Qvalue

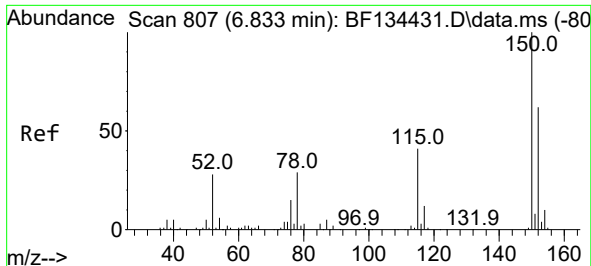
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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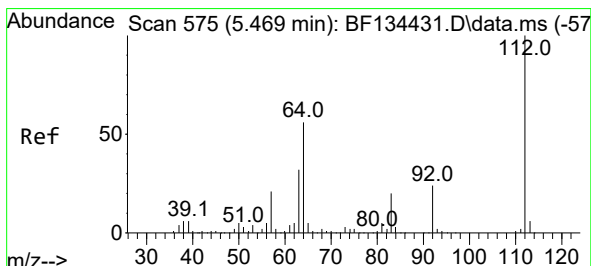
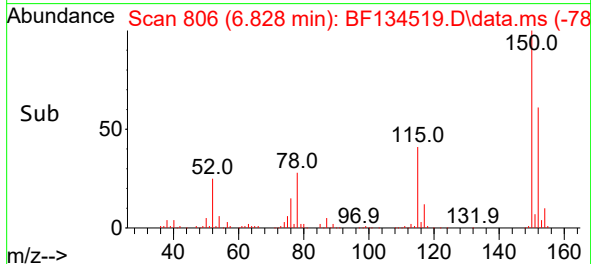
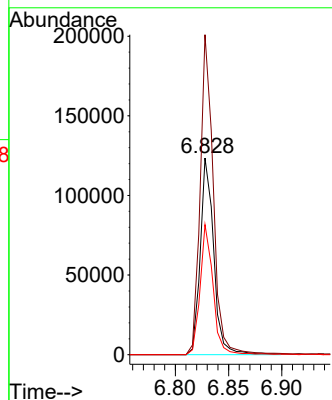
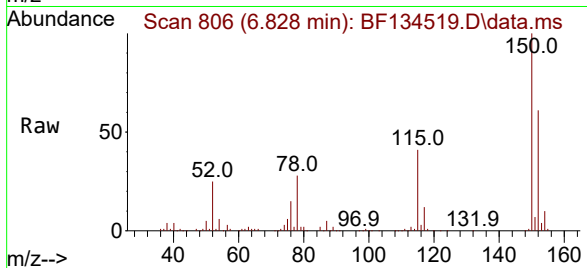




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF134519.D
Acq: 28 Jul 2023 17:05

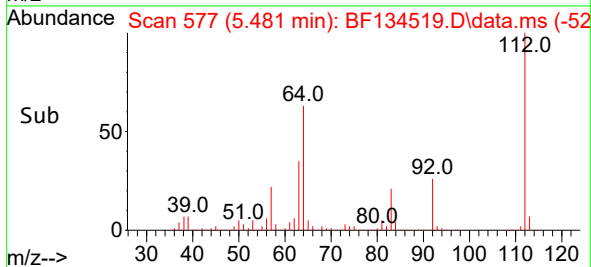
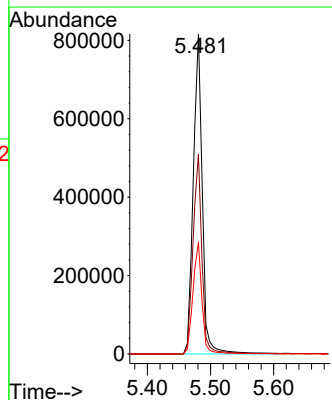
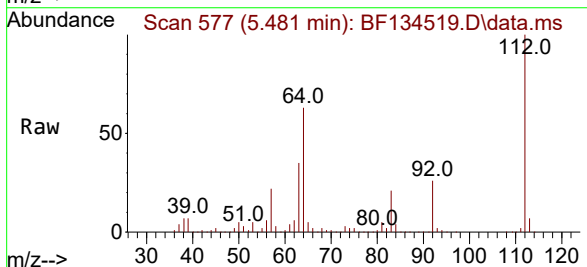
Instrument :
BNA_F
ClientSampleId :
PB154028BL

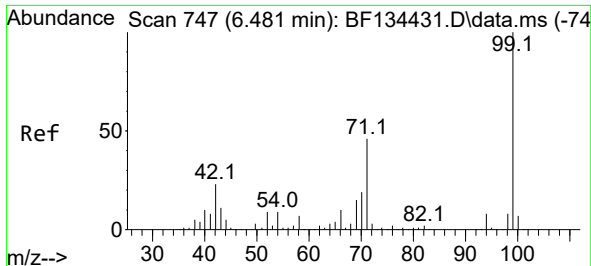
Tgt Ion:152 Resp: 109398
Ion Ratio Lower Upper
152 100
150 162.7 128.3 192.5
115 66.2 52.4 78.6



#5
2-Fluorophenol
Concen: 123.183 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF134519.D
Acq: 28 Jul 2023 17:05

Tgt Ion:112 Resp: 815646
Ion Ratio Lower Upper
112 100
64 62.5 44.9 67.3
63 35.0 25.4 38.0

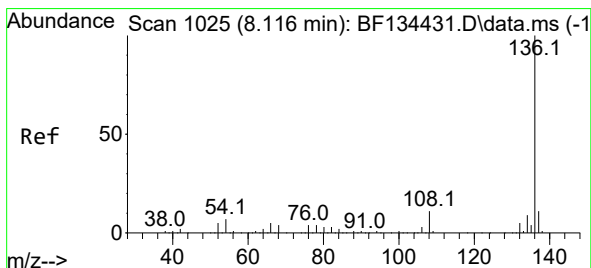
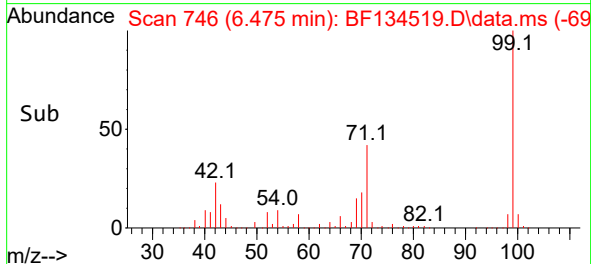
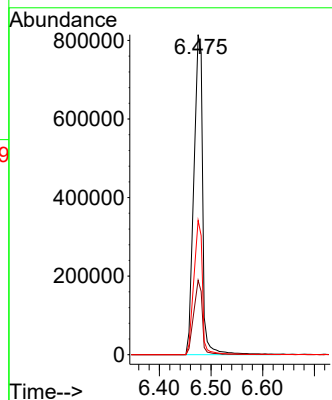
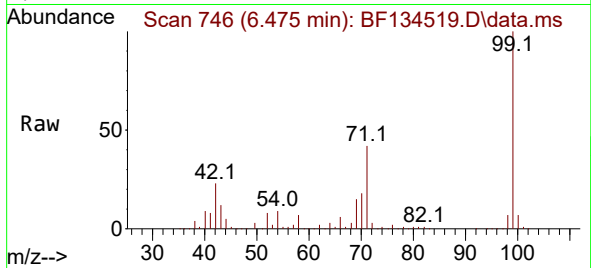




#7
Phenol-d6
Concen: 118.875 ng
RT: 6.475 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134519.D
Acq: 28 Jul 2023 17:05

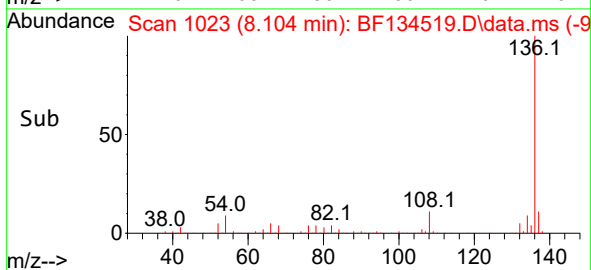
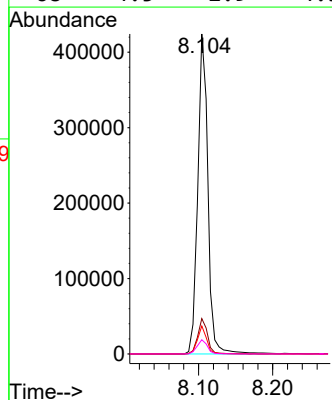
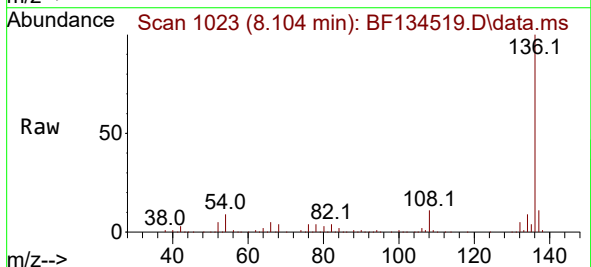
Instrument :
BNA_F
ClientSampleId :
PB154028BL

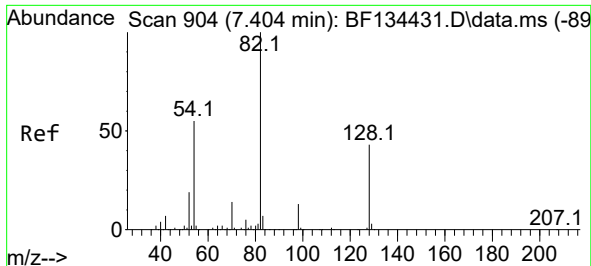
Tgt Ion: 99 Resp: 964371
Ion Ratio Lower Upper
99 100
42 23.3 18.7 28.1
71 41.9 36.4 54.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF134519.D
Acq: 28 Jul 2023 17:05

Tgt Ion: 136 Resp: 402841
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.8 5.2 7.8#
68 4.5 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 87.191 ng

RT: 7.398 min Scan# 904

Delta R.T. 0.006 min

Lab File: BF134519.D

Acq: 28 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

PB154028BL

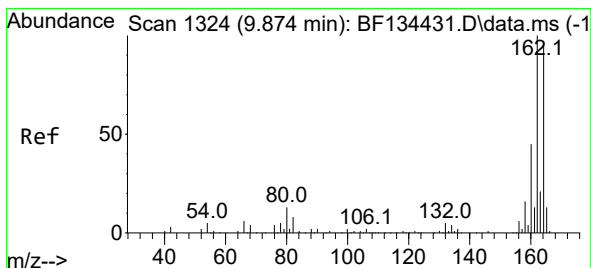
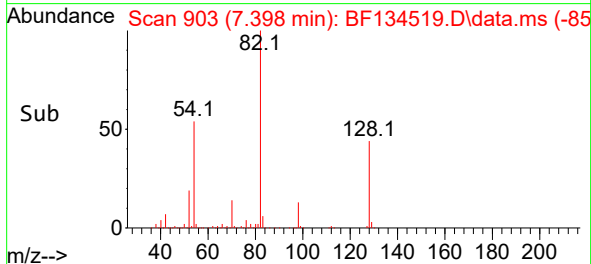
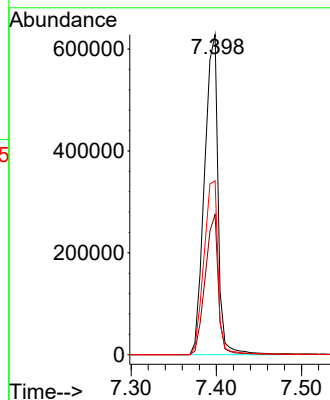
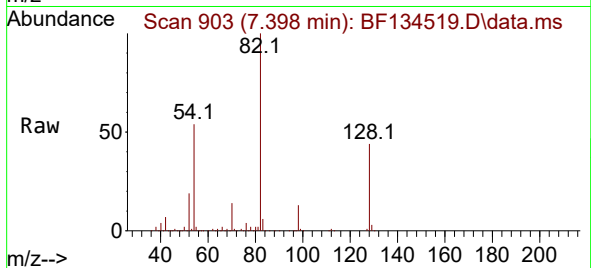
Tgt Ion: 82 Resp: 694229

Ion Ratio Lower Upper

82 100

128 43.8 34.3 51.5

54 54.4 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BF134519.D

Acq: 28 Jul 2023 17:05

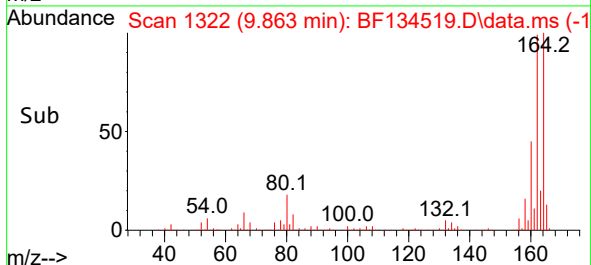
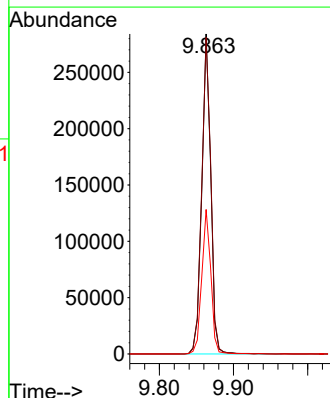
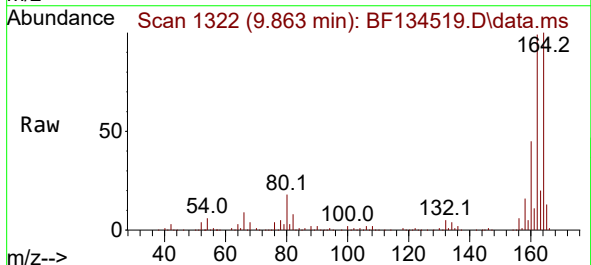
Tgt Ion: 164 Resp: 236947

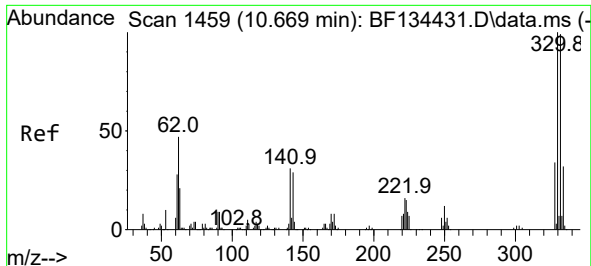
Ion Ratio Lower Upper

164 100

162 98.9 82.6 123.8

160 45.2 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 127.345 ng

RT: 10.663 min Scan# 1459

Delta R.T. 0.000 min

Lab File: BF134519.D

Acq: 28 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

PB154028BL

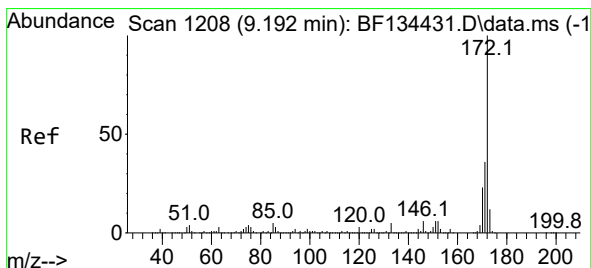
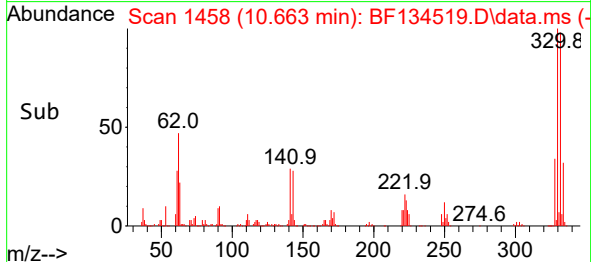
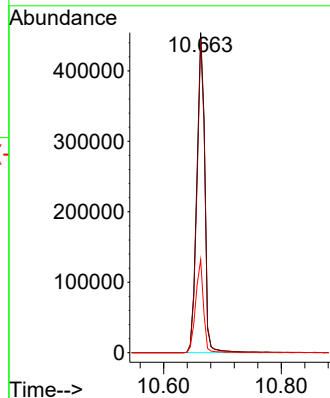
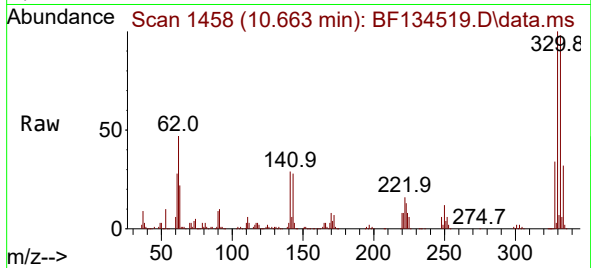
Tgt Ion:330 Resp: 428720

Ion Ratio Lower Upper

330 100

332 97.2 78.8 118.2

141 28.8 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 79.993 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF134519.D

Acq: 28 Jul 2023 17:05

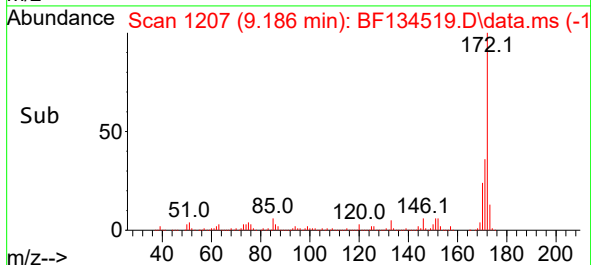
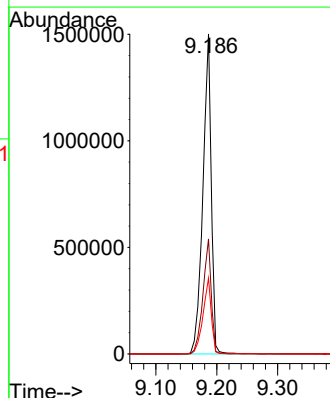
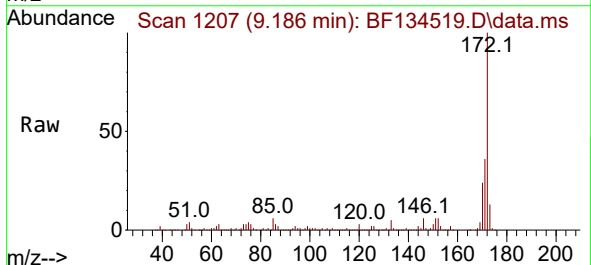
Tgt Ion:172 Resp: 1443803

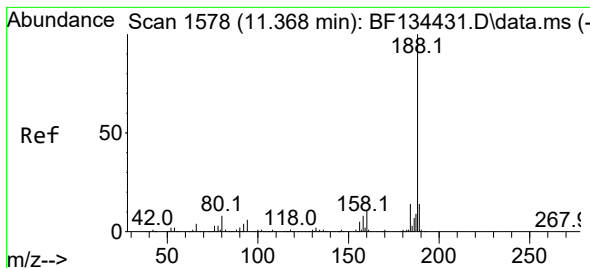
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.7 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: BF134519.D

Acq: 28 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

PB154028BL

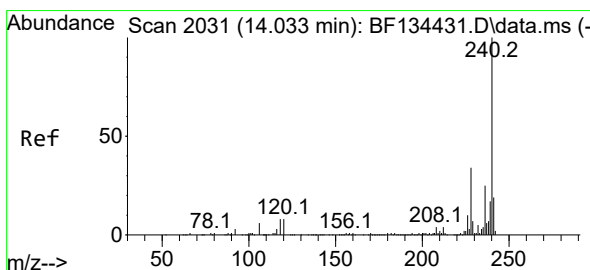
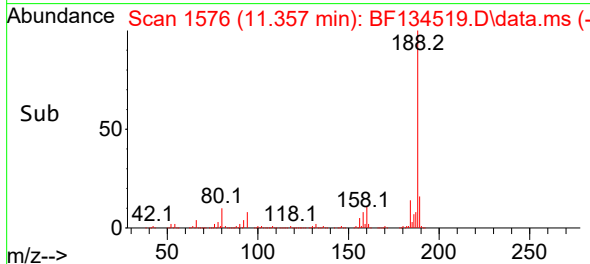
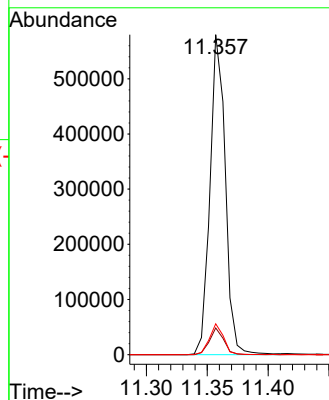
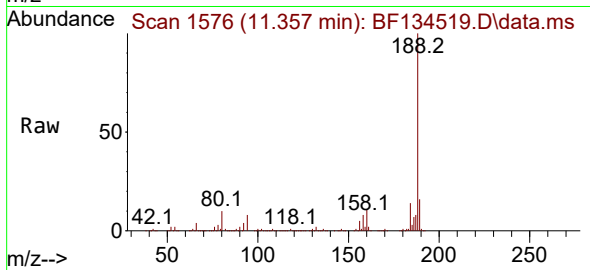
Tgt Ion:188 Resp: 509193

Ion Ratio Lower Upper

188 100

94 8.4 5.1 7.7#

80 9.7 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF134519.D

Acq: 28 Jul 2023 17:05

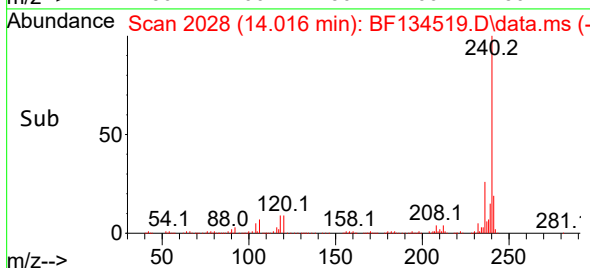
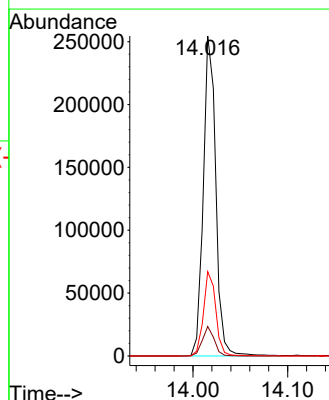
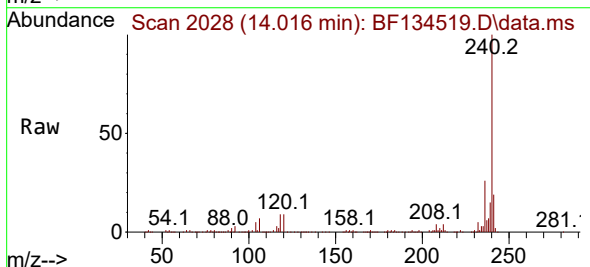
Tgt Ion:240 Resp: 232365

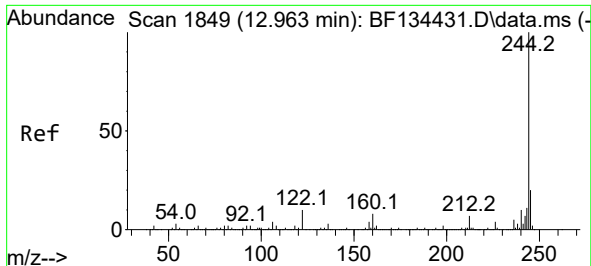
Ion Ratio Lower Upper

240 100

120 9.2 6.6 10.0

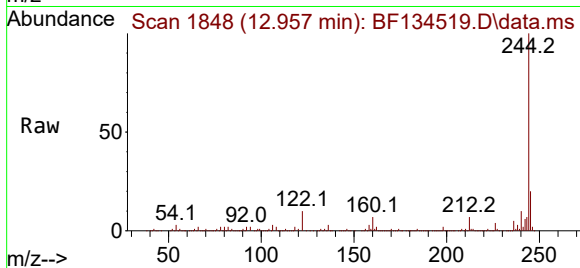
236 26.3 20.2 30.2



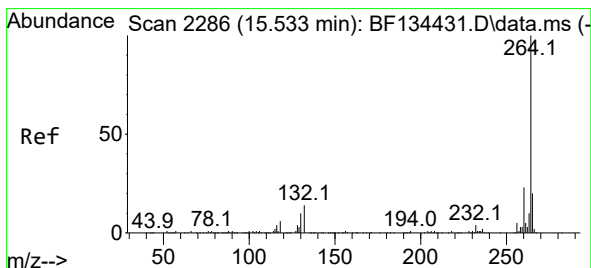
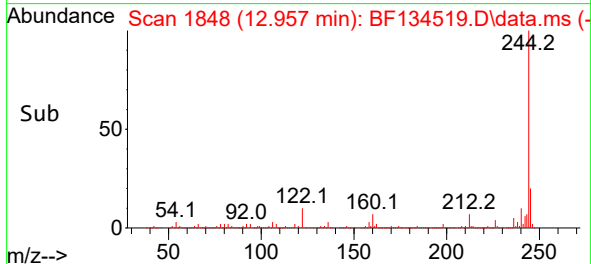
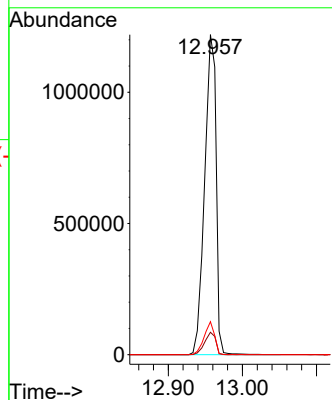


#79
 Terphenyl-d14
 Concen: 98.758 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.006 min
 Lab File: BF134519.D
 Acq: 28 Jul 2023 17:05

Instrument :
 BNA_F
 ClientSampleId :
 PB154028BL



Tgt Ion:244 Resp: 1314566
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.3 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: BF134519.D
 Acq: 28 Jul 2023 17:05

Tgt Ion:264 Resp: 209771
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 21.0 15.8 23.8

