

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134284.D
 Acq On : 14 Jul 2023 11:22
 Operator : CG\JU
 Sample : PB154028BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154028BL

Quant Time: Jul 15 00:22:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	84351	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	320267	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	166040	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	342713	20.000	ng	0.00
76) Chrysene-d12	14.039	240	278472	20.000	ng	0.00
86) Perylene-d12	15.545	264	282511	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	655275	129.948	ng	0.01
7) Phenol-d6	6.487	99	770300	124.214	ng	0.00
23) Nitrobenzene-d5	7.410	82	539936	90.879	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	291756	140.145	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1041637	91.209	ng	0.00
79) Terphenyl-d14	12.980	244	1357597	78.462	ng	0.00

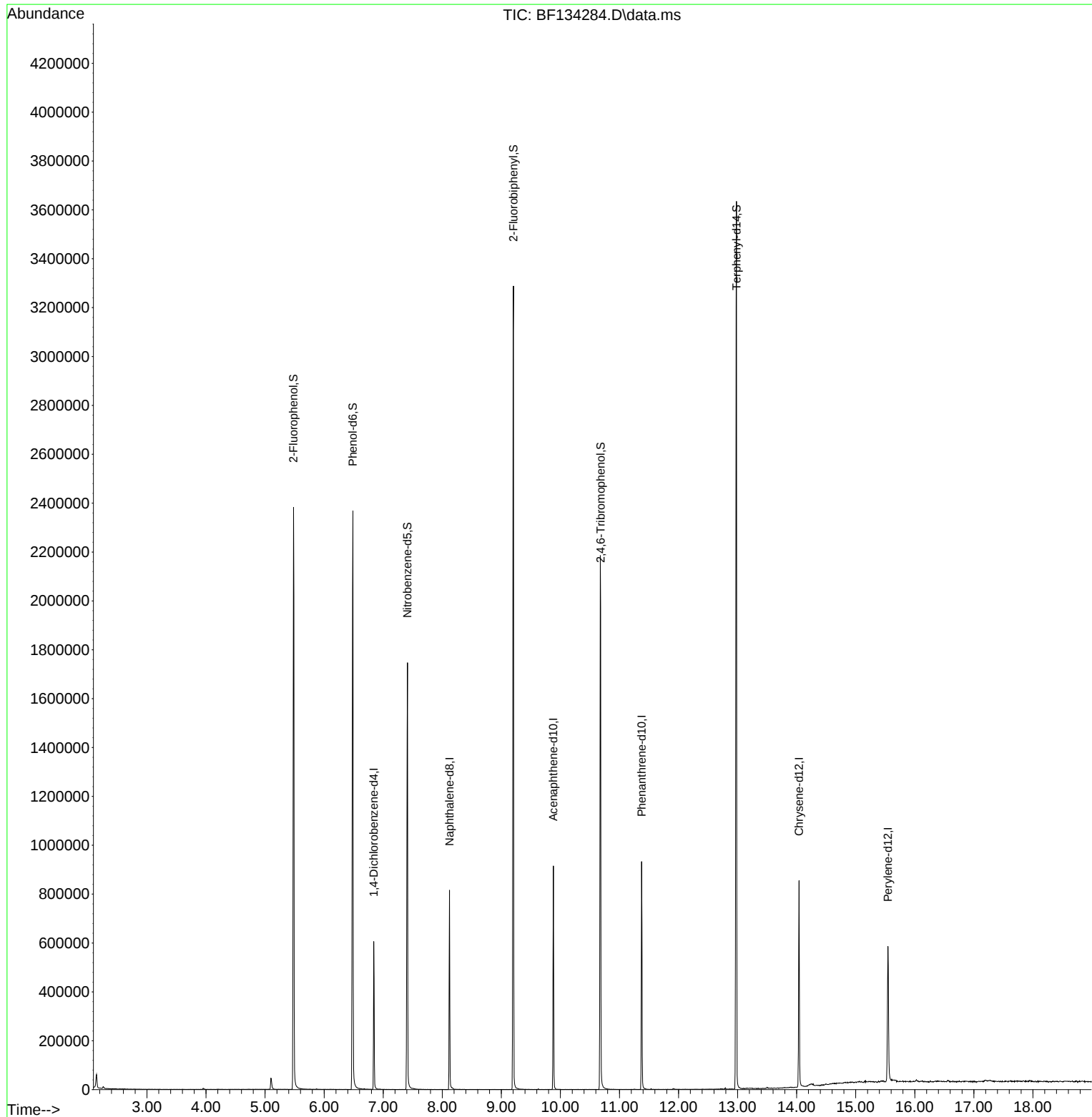
Target Compounds	Qvalue

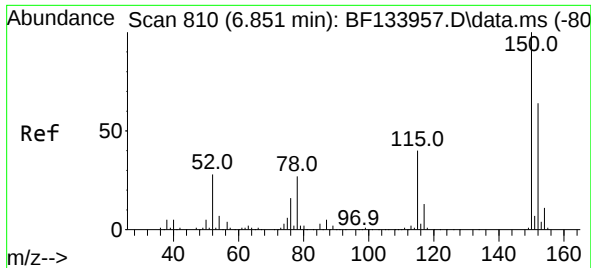
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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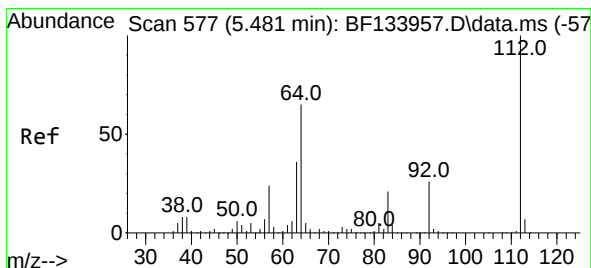
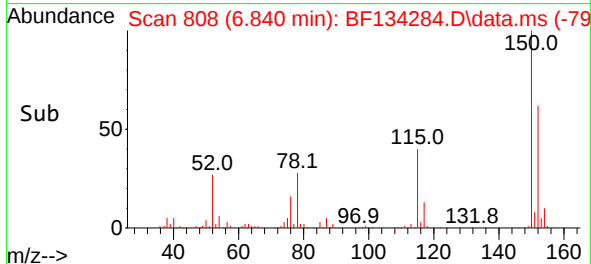
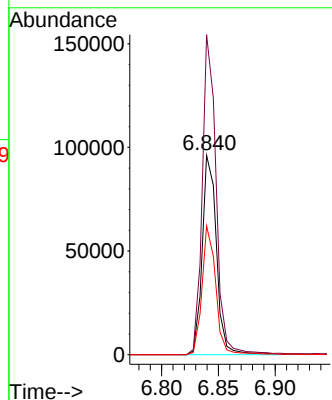
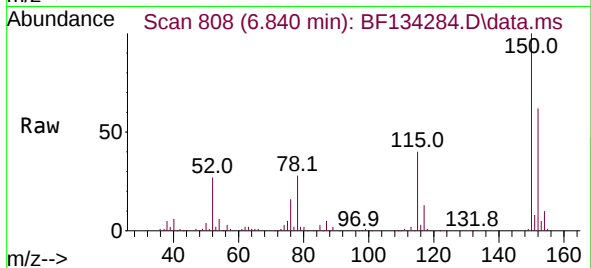




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF134284.D
Acq: 14 Jul 2023 11:22

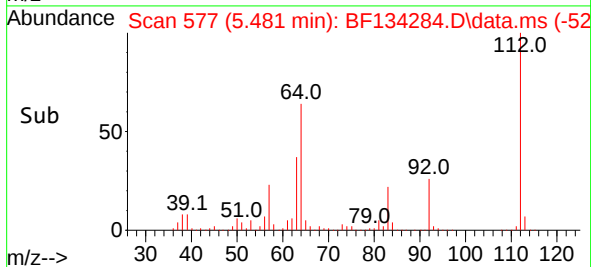
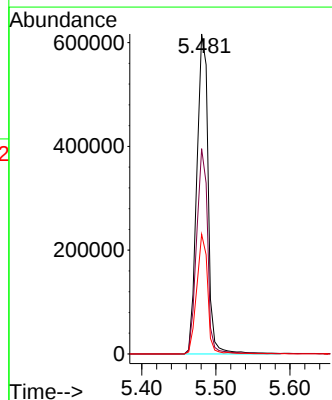
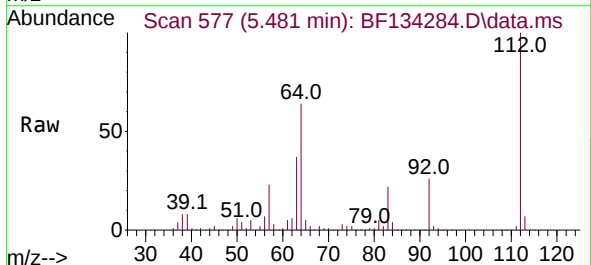
Instrument :
BNA_F
ClientSampleId :
PB154028BL

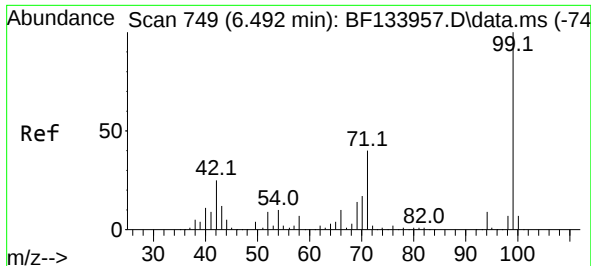
Tgt Ion:152 Resp: 84351
Ion Ratio Lower Upper
152 100
150 160.5 124.5 186.7
115 64.6 50.2 75.2



#5
2-Fluorophenol
Concen: 129.948 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.012 min
Lab File: BF134284.D
Acq: 14 Jul 2023 11:22

Tgt Ion:112 Resp: 655275
Ion Ratio Lower Upper
112 100
64 64.1 52.1 78.1
63 37.4 28.6 42.8

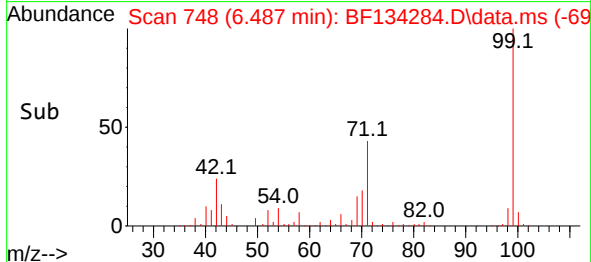
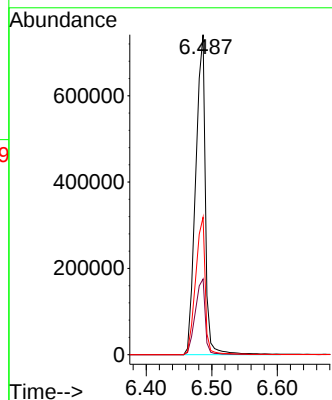
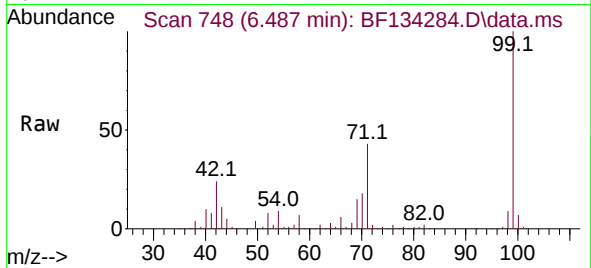




#7
Phenol-d6
Concen: 124.214 ng
RT: 6.487 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134284.D
Acq: 14 Jul 2023 11:22

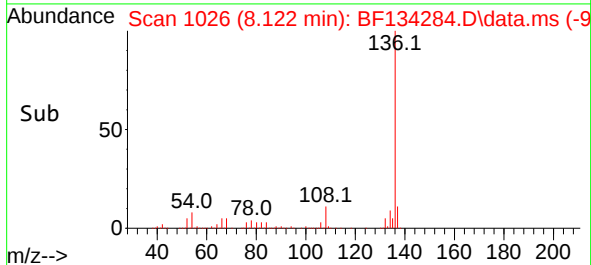
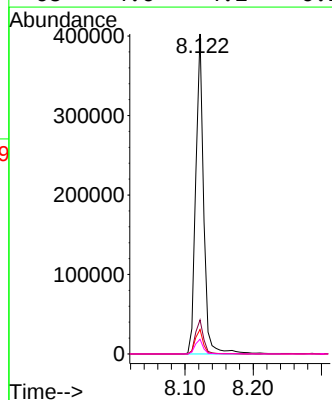
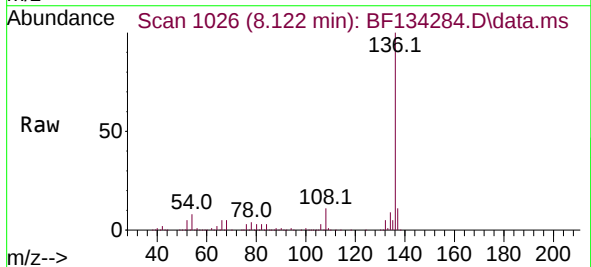
Instrument :
BNA_F
ClientSampleId :
PB154028BL

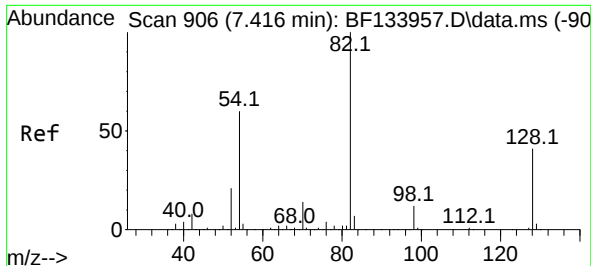
Tgt Ion: 99 Resp: 770300
Ion Ratio Lower Upper
99 100
42 23.6 19.8 29.6
71 42.9 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF134284.D
Acq: 14 Jul 2023 11:22

Tgt Ion: 136 Resp: 320267
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 7.6 6.5 9.7
68 4.6 4.2 6.2





#23

Nitrobenzene-d5

Concen: 90.879 ng

RT: 7.410 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF134284.D

Acq: 14 Jul 2023 11:22

Instrument :

BNA_F

ClientSampleId :

PB154028BL

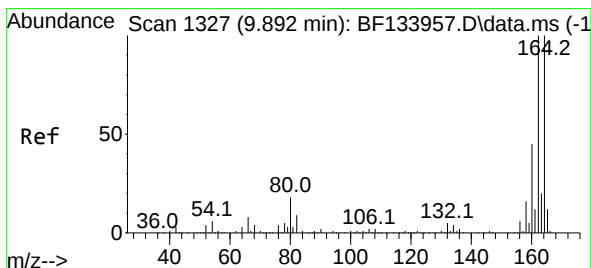
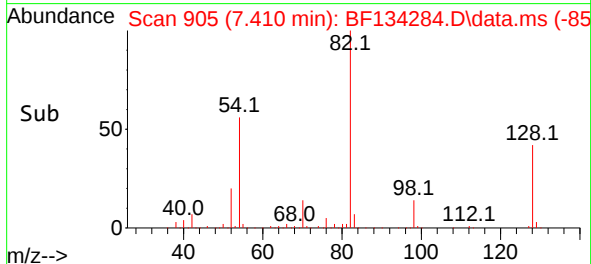
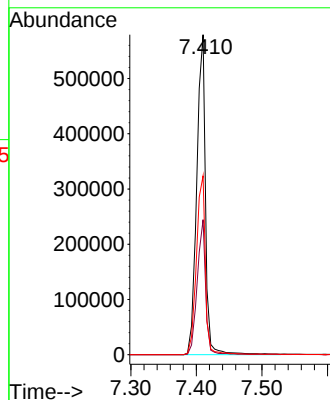
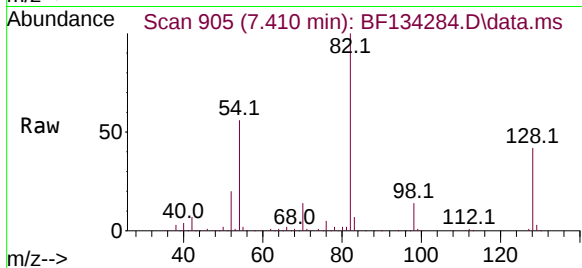
Tgt Ion: 82 Resp: 539936

Ion Ratio Lower Upper

82 100

128 42.2 32.5 48.7

54 55.9 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1325

Delta R.T. 0.000 min

Lab File: BF134284.D

Acq: 14 Jul 2023 11:22

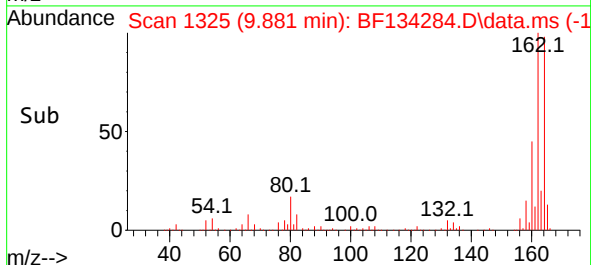
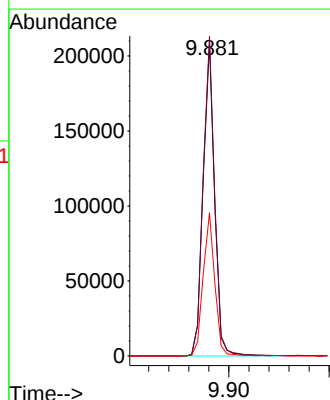
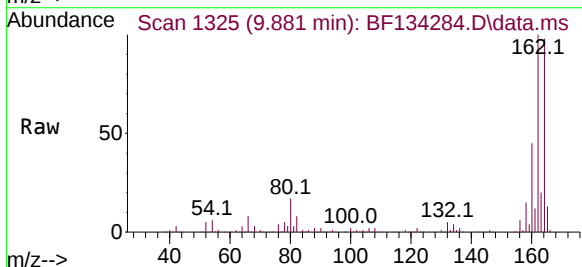
Tgt Ion: 164 Resp: 166040

Ion Ratio Lower Upper

164 100

162 102.3 80.0 120.0

160 45.8 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 140.145 ng

RT: 10.681 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BF134284.D

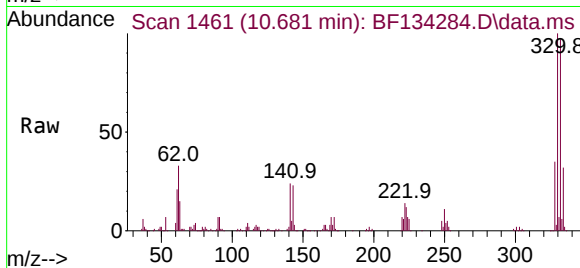
Acq: 14 Jul 2023 11:22

Instrument :

BNA_F

ClientSampleId :

PB154028BL



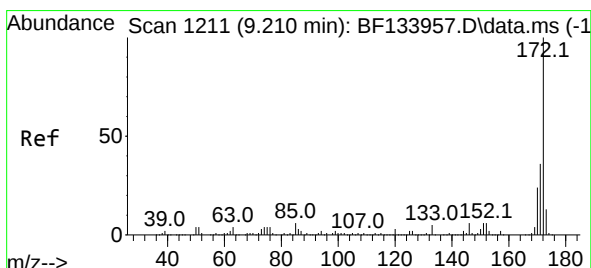
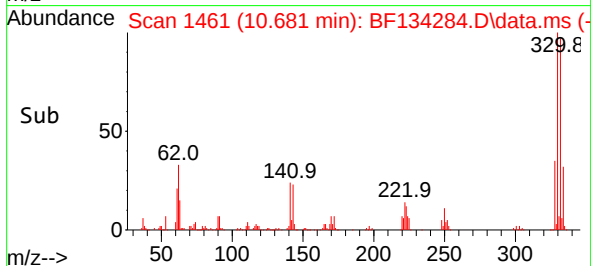
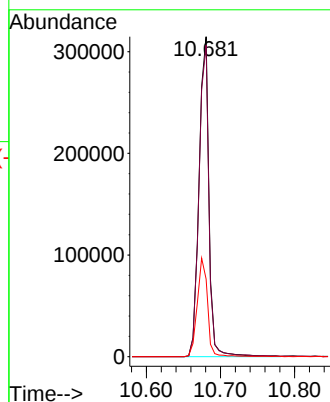
Tgt Ion:330 Resp: 291756

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

141 31.7 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 91.209 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BF134284.D

Acq: 14 Jul 2023 11:22

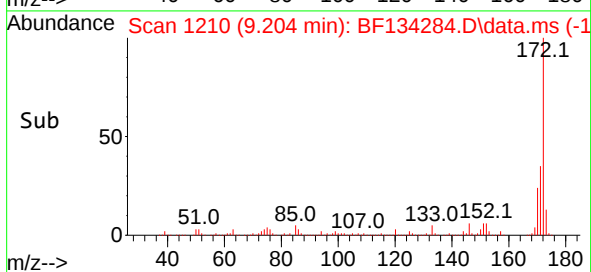
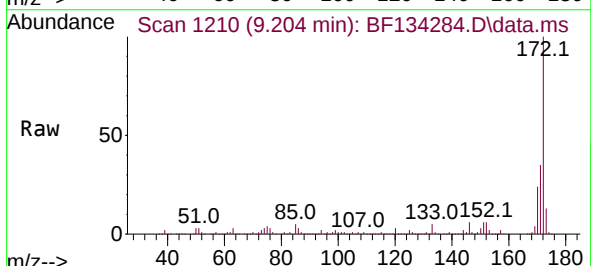
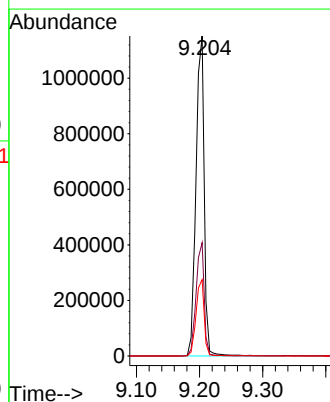
Tgt Ion:172 Resp: 1041637

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.9 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134284.D

Acq: 14 Jul 2023 11:22

Instrument :

BNA_F

ClientSampleId :

PB154028BL

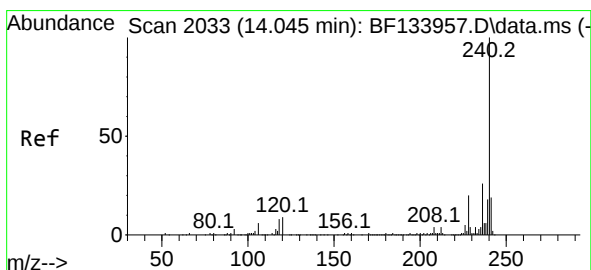
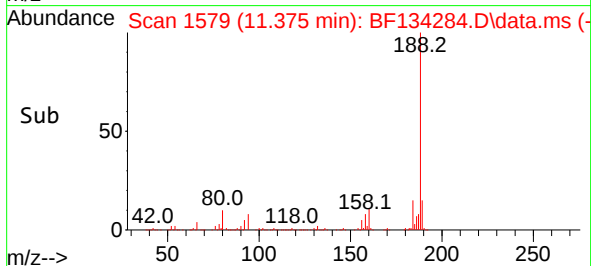
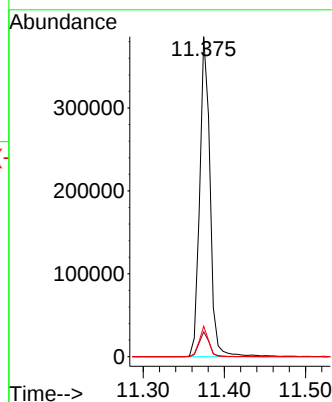
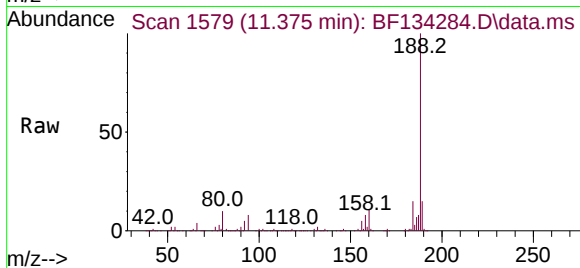
Tgt Ion:188 Resp: 342713

Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 9.5 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF134284.D

Acq: 14 Jul 2023 11:22

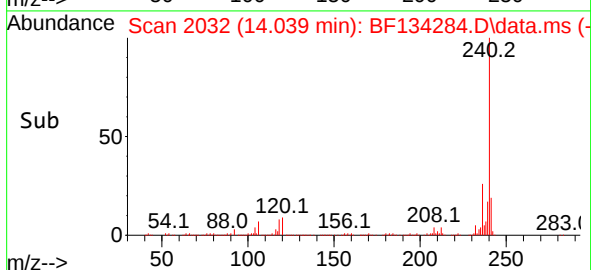
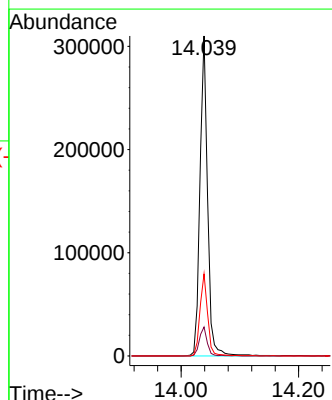
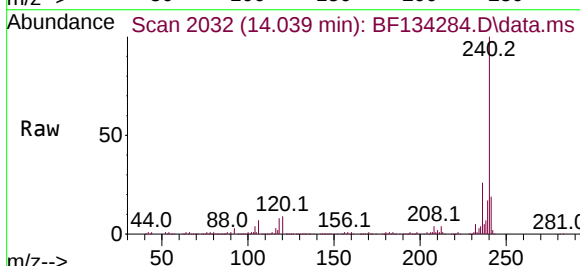
Tgt Ion:240 Resp: 278472

Ion Ratio Lower Upper

240 100

120 9.1 7.4 11.0

236 25.6 21.0 31.6

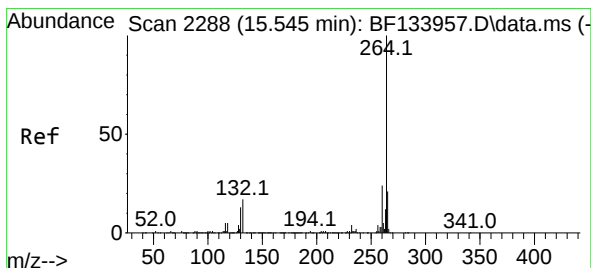
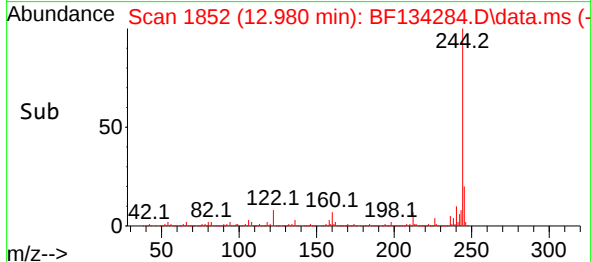
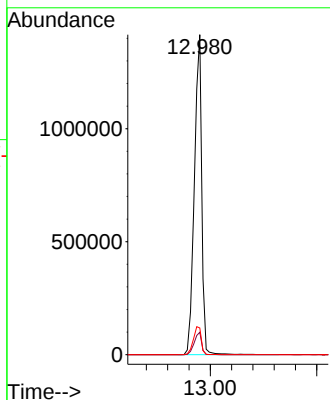
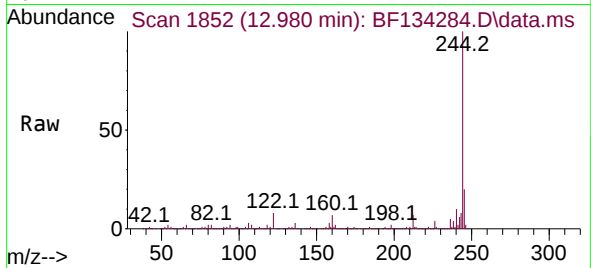




#79
 Terphenyl-d14
 Concen: 78.462 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.006 min
 Lab File: BF134284.D
 Acq: 14 Jul 2023 11:22

Instrument :
 BNA_F
 ClientSampleId :
 PB154028BL

Tgt Ion:244 Resp: 1357597
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.3 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. 0.000 min
 Lab File: BF134284.D
 Acq: 14 Jul 2023 11:22

Tgt Ion:264 Resp: 282511
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 22.8 16.6 25.0

