

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
 Data File : BF134897.D
 Acq On : 23 Aug 2023 11:22
 Operator : CG\JU
 Sample : 04091-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-H

Quant Time: Aug 24 04:23:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	128720	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	511668	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	274174	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	545185	20.000	ng	0.00
76) Chrysene-d12	13.974	240	359862	20.000	ng	0.00
86) Perylene-d12	15.451	264	306507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	592660	73.422	ng	0.00
7) Phenol-d6	6.428	99	753749	73.077	ng	-0.01
23) Nitrobenzene-d5	7.351	82	457163	49.234	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	249186	77.169	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	899270	50.704	ng	0.00
79) Terphenyl-d14	12.921	244	1157831	44.253	ng	0.00

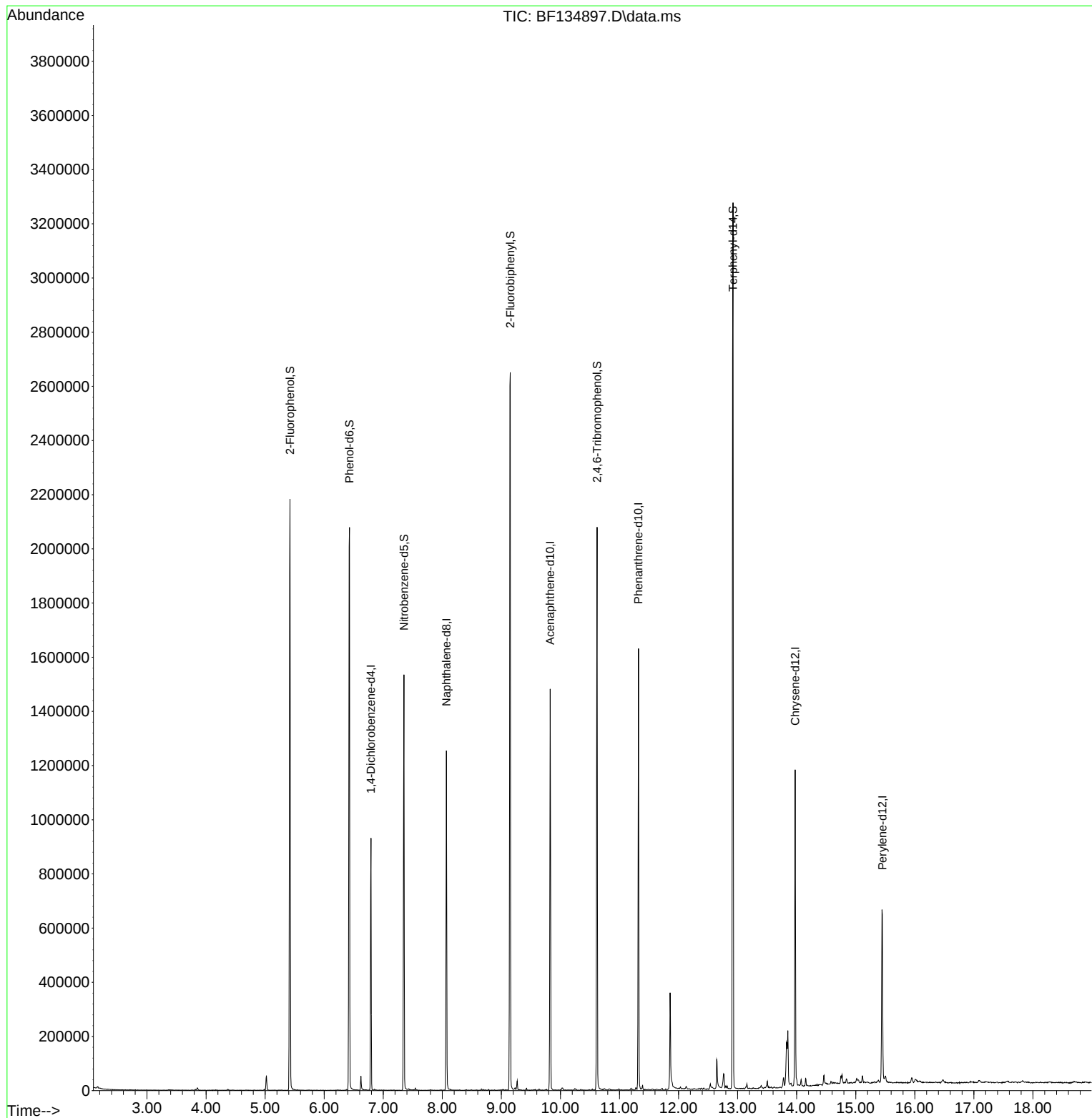
Target Compounds	Qvalue

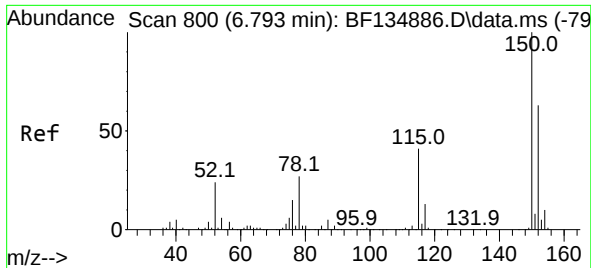
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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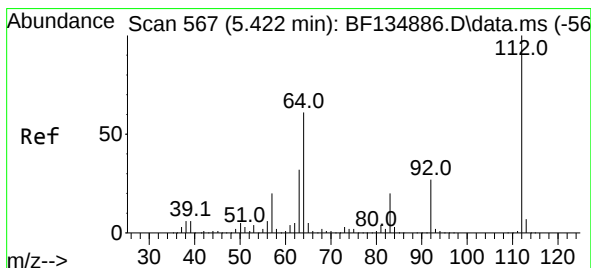
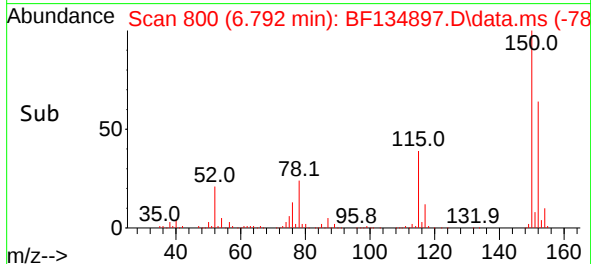
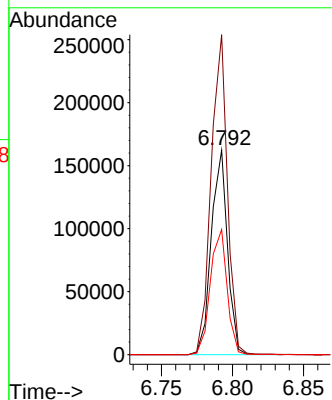
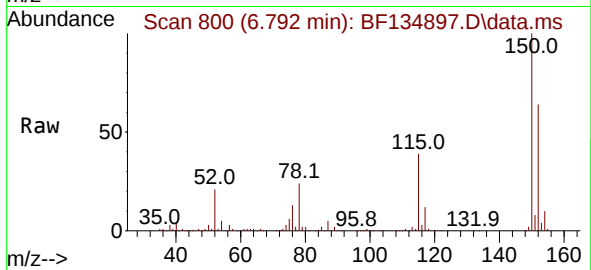




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.001 min
Lab File: BF134897.D
Acq: 23 Aug 2023 11:22

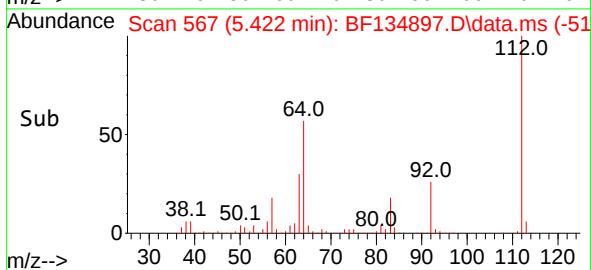
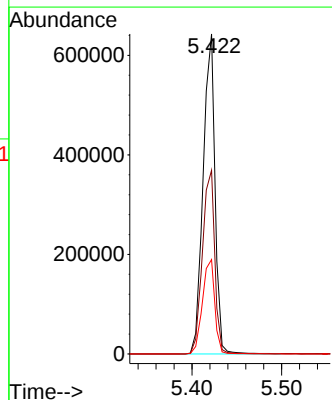
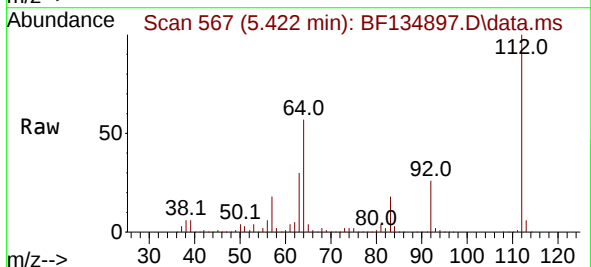
Instrument :
BNA_F
ClientSampleId :
TP-H

Tgt Ion:152 Resp: 128720
Ion Ratio Lower Upper
152 100
150 156.5 126.1 189.1
115 61.2 51.1 76.7



#5
2-Fluorophenol
Concen: 73.422 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF134897.D
Acq: 23 Aug 2023 11:22

Tgt Ion:112 Resp: 592660
Ion Ratio Lower Upper
112 100
64 57.4 48.6 73.0
63 29.5 25.7 38.5

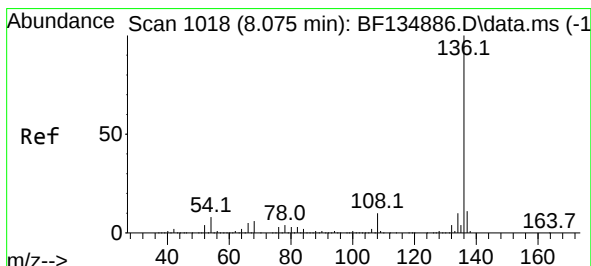
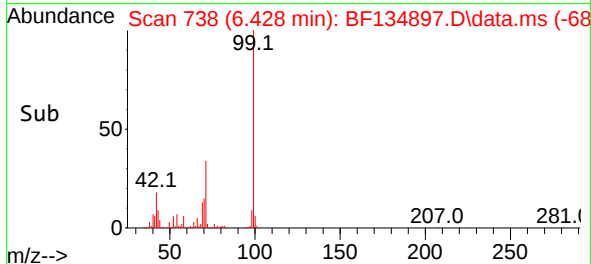
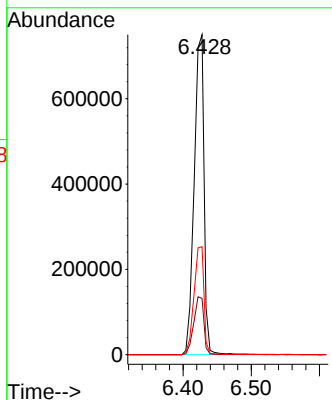
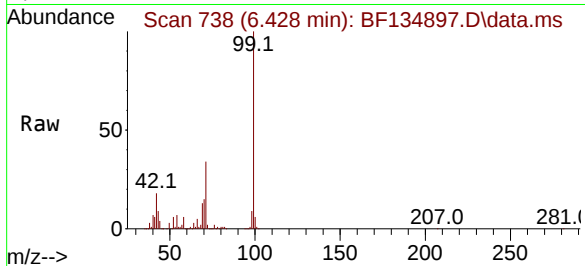




#7
Phenol-d6
Concen: 73.077 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134897.D
Acq: 23 Aug 2023 11:22

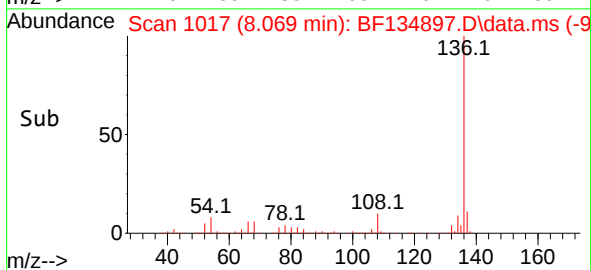
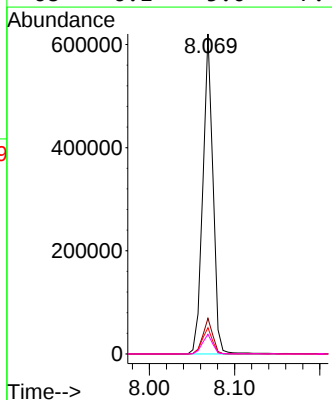
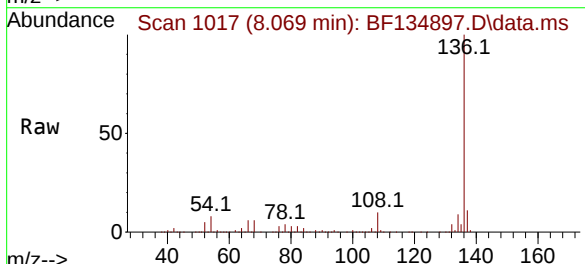
Instrument :
BNA_F
ClientSampleId :
TP-H

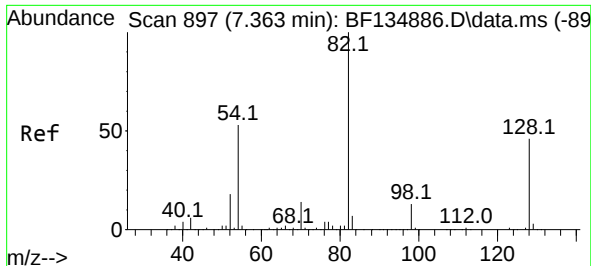
Tgt Ion: 99 Resp: 753749
Ion Ratio Lower Upper
99 100
42 17.6 14.6 22.0
71 33.7 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134897.D
Acq: 23 Aug 2023 11:22

Tgt Ion: 136 Resp: 511668
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.2 6.6 9.8
68 6.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 49.234 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF134897.D

Acq: 23 Aug 2023 11:22

Instrument :

BNA_F

ClientSampleId :

TP-H

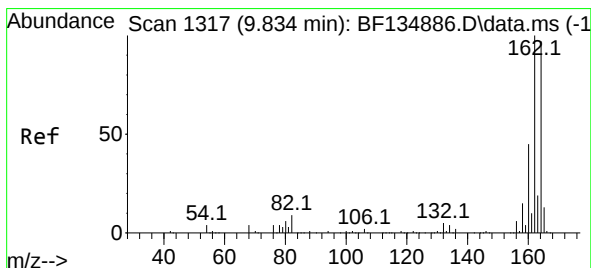
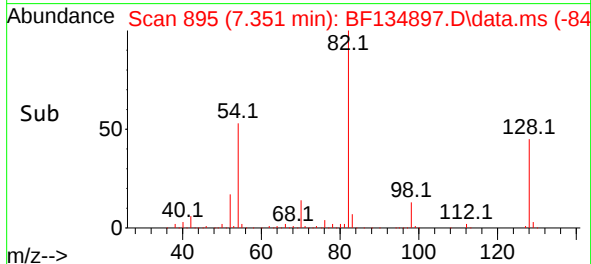
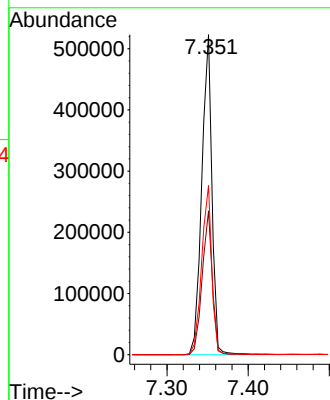
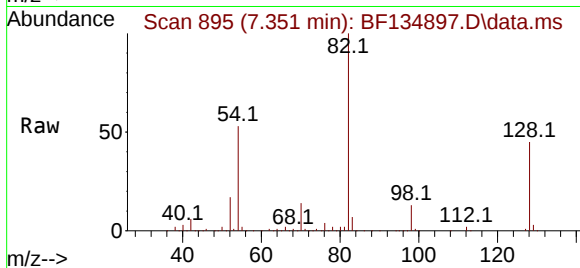
Tgt Ion: 82 Resp: 457163

Ion Ratio Lower Upper

82 100

128 45.0 36.6 54.8

54 52.9 42.6 63.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF134897.D

Acq: 23 Aug 2023 11:22

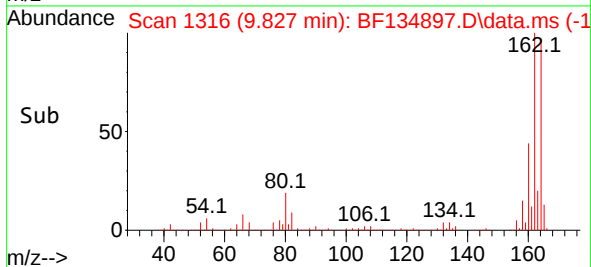
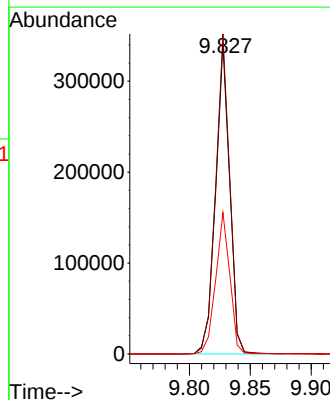
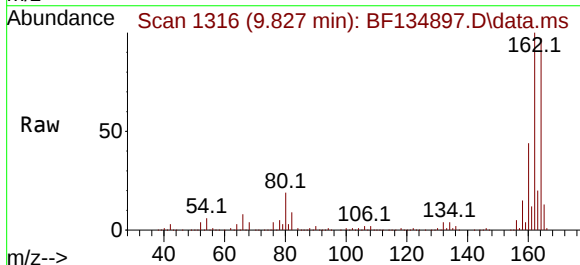
Tgt Ion:164 Resp: 274174

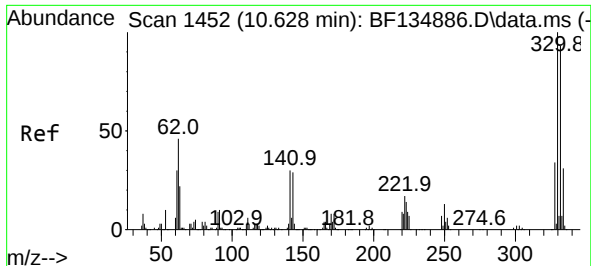
Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

160 45.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 77.169 ng

RT: 10.622 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF134897.D

Acq: 23 Aug 2023 11:22

Instrument :

BNA_F

ClientSampleId :

TP-H

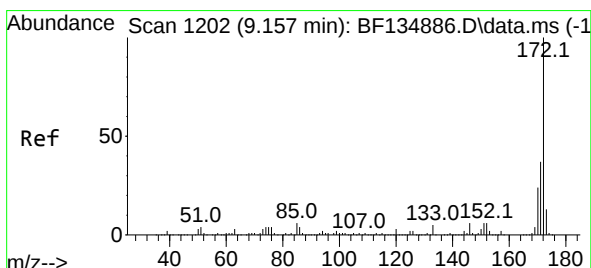
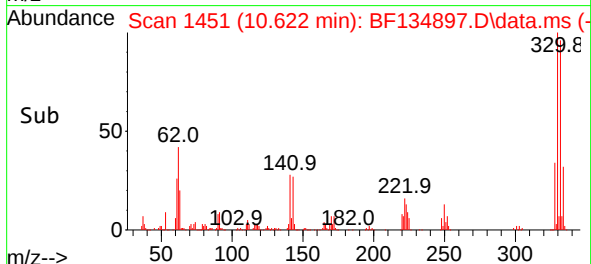
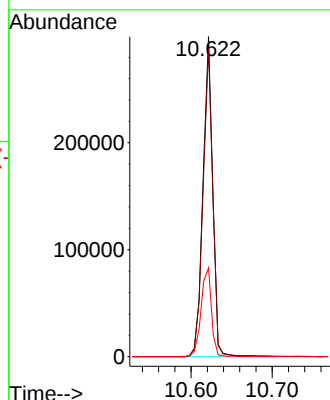
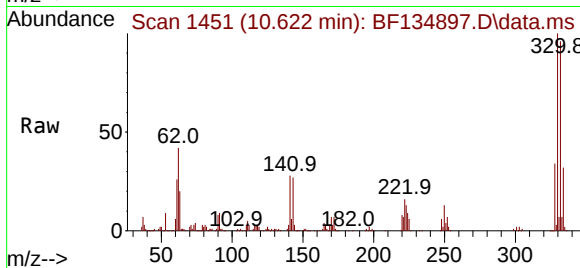
Tgt Ion:330 Resp: 249186

Ion Ratio Lower Upper

330 100

332 97.0 76.3 114.5

141 29.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 50.704 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF134897.D

Acq: 23 Aug 2023 11:22

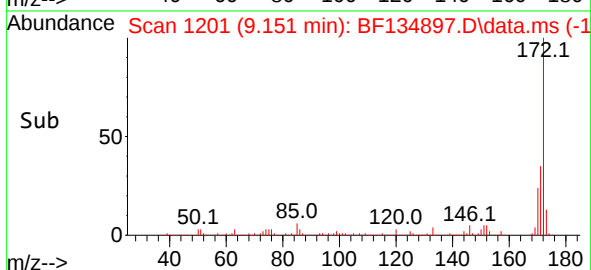
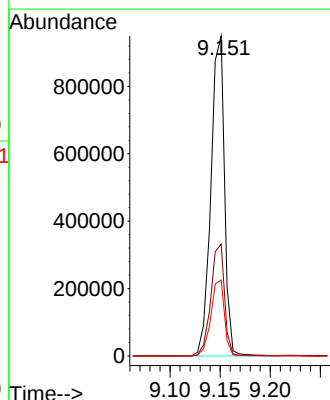
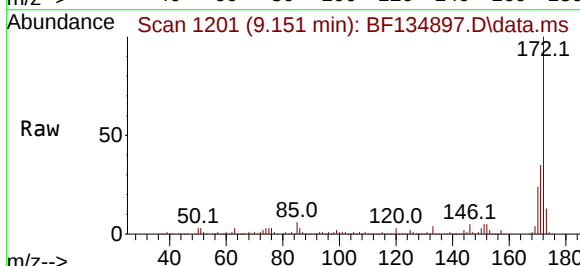
Tgt Ion:172 Resp: 899270

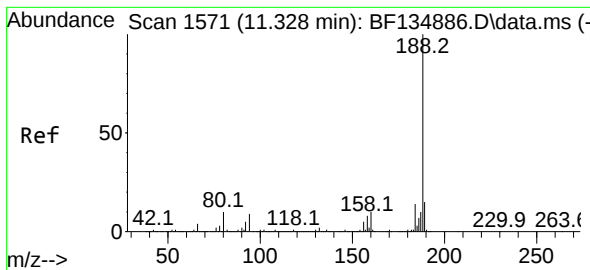
Ion Ratio Lower Upper

172 100

171 34.9 29.4 44.0

170 23.8 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134897.D

Acq: 23 Aug 2023 11:22

Instrument :

BNA_F

ClientSampleId :

TP-H

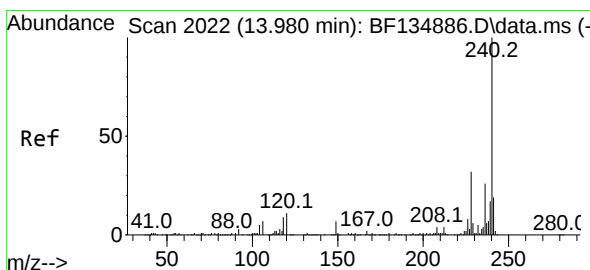
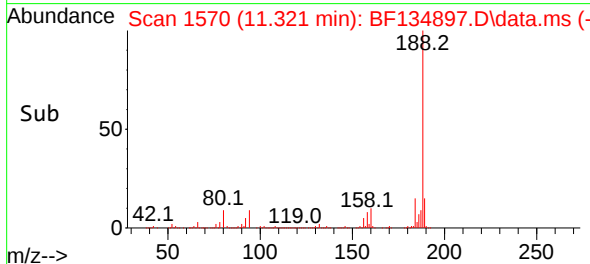
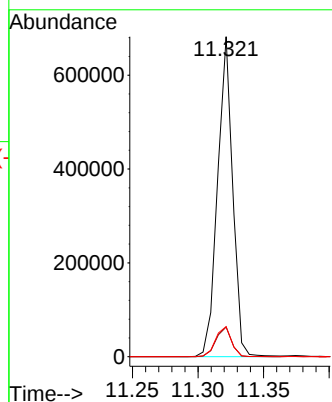
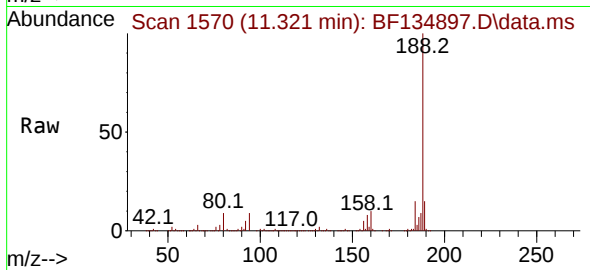
Tgt Ion:188 Resp: 545185

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

80 9.4 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF134897.D

Acq: 23 Aug 2023 11:22

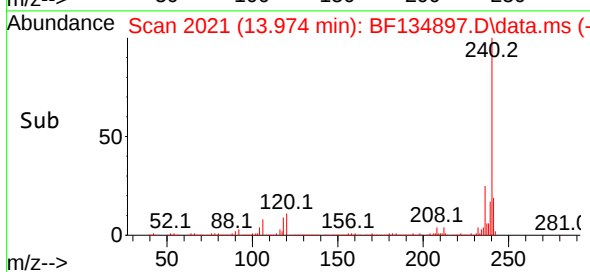
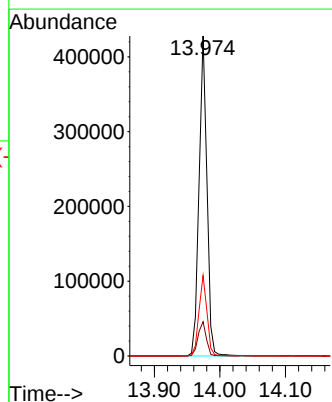
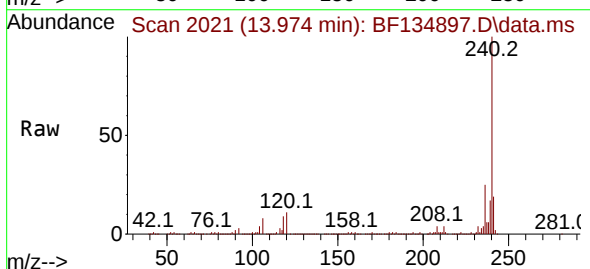
Tgt Ion:240 Resp: 359862

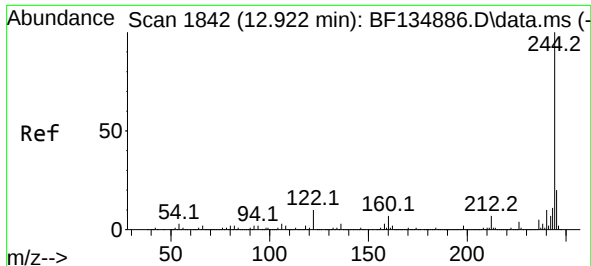
Ion Ratio Lower Upper

240 100

120 10.7 8.6 12.8

236 25.1 20.6 31.0

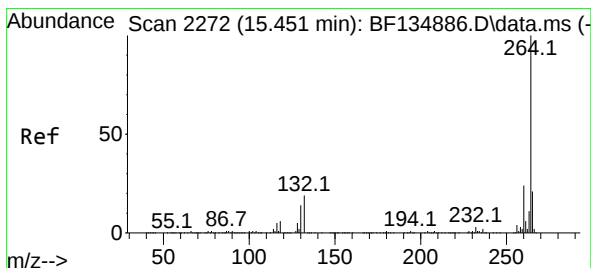
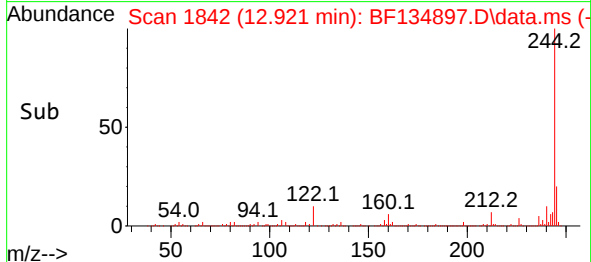
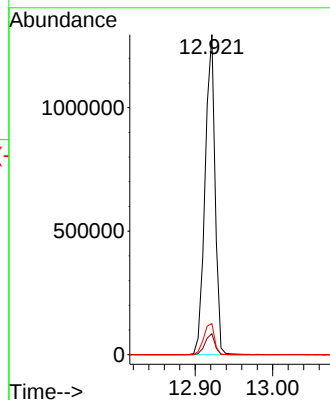
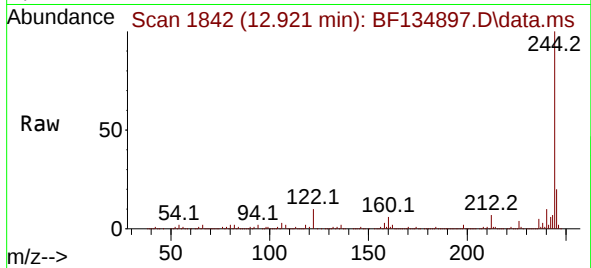




#79
 Terphenyl-d14
 Concen: 44.253 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.001 min
 Lab File: BF134897.D
 Acq: 23 Aug 2023 11:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-H

Tgt Ion:244 Resp: 1157831
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 9.7 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.000 min
 Lab File: BF134897.D
 Acq: 23 Aug 2023 11:22

Tgt Ion:264 Resp: 306507
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 20.9 17.1 25.7

