

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
 Data File : BF134934.D
 Acq On : 24 Aug 2023 20:27
 Operator : CG\JU
 Sample : 04116-03 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Aug 25 01:23:13 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	6.798	152	101108	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	363188	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	171595	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	318919	20.000	ng	0.00
76) Chrysene-d12	13.986	240	207930	20.000	ng	0.00
86) Perylene-d12	15.468	264	161257	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	235545	37.150	ng	0.00
7) Phenol-d6	6.428	99	284952	35.171	ng	-0.01
23) Nitrobenzene-d5	7.351	82	160658	24.375	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	69195	34.239	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	301943	27.202	ng	0.00
79) Terphenyl-d14	12.922	244	329843	21.818	ng	0.00

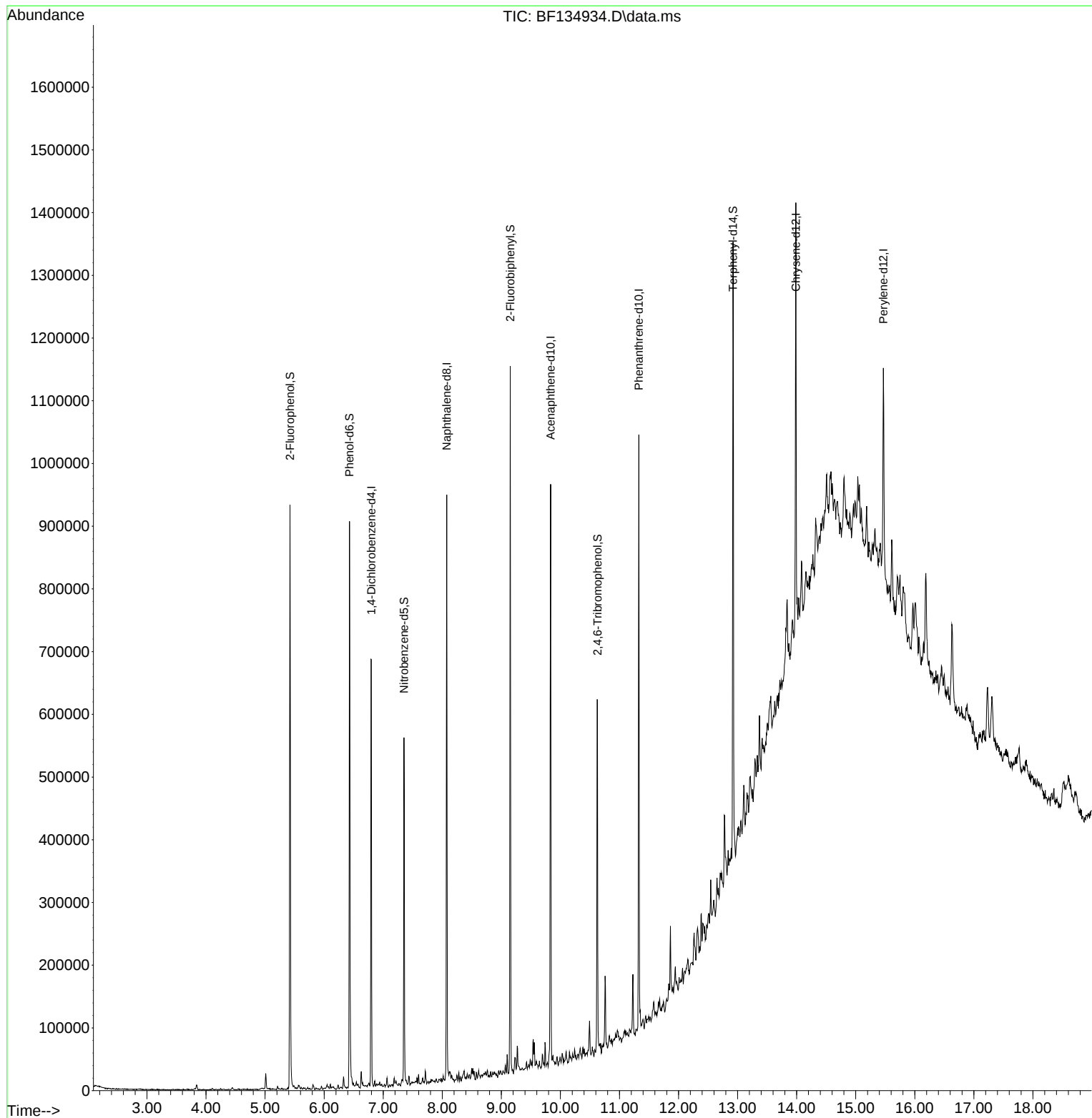
Target Compounds	Qvalue

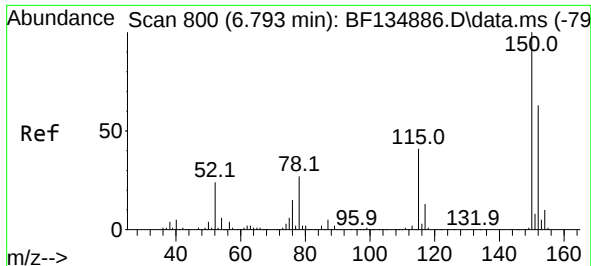
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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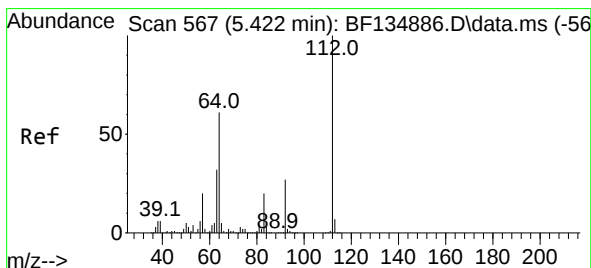
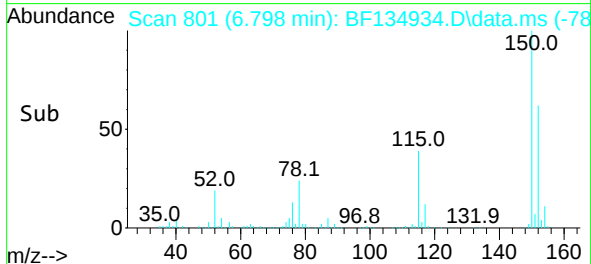
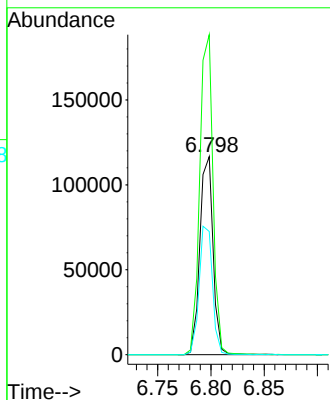
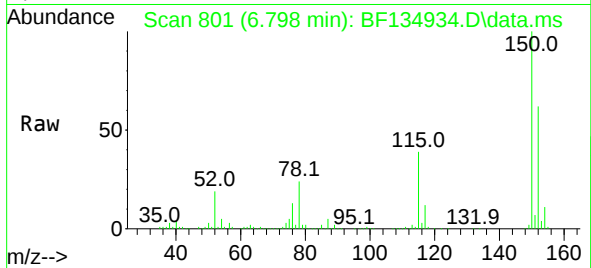




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.005 min
Lab File: BF134934.D
Acq: 24 Aug 2023 20:27

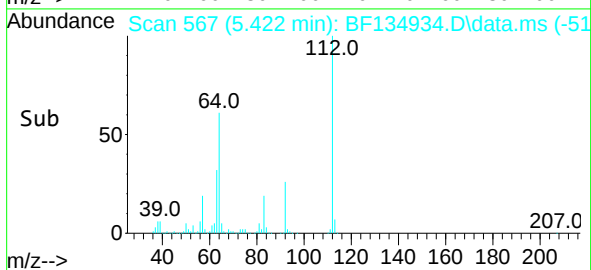
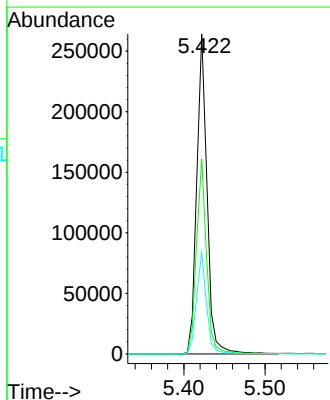
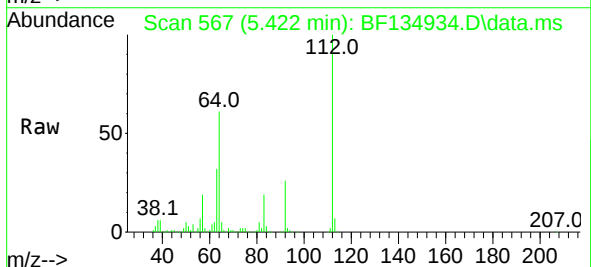
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 101108
Ion Ratio Lower Upper
152 100
150 161.5 126.1 189.1
115 62.2 51.1 76.7



#5
2-Fluorophenol
Concen: 37.150 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF134934.D
Acq: 24 Aug 2023 20:27

Tgt Ion:112 Resp: 235545
Ion Ratio Lower Upper
112 100
64 60.9 48.6 73.0
63 31.7 25.7 38.5





#7
Phenol-d6
Concen: 35.171 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134934.D
Acq: 24 Aug 2023 20:27

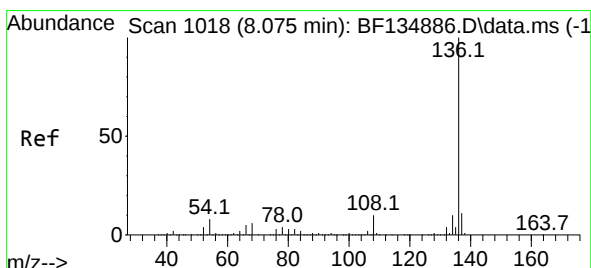
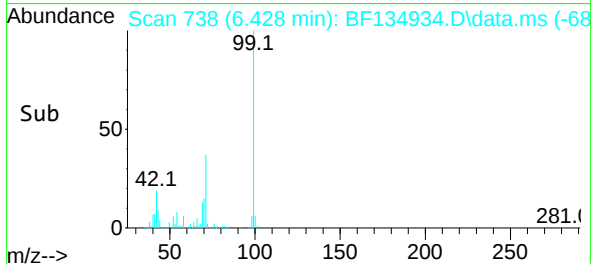
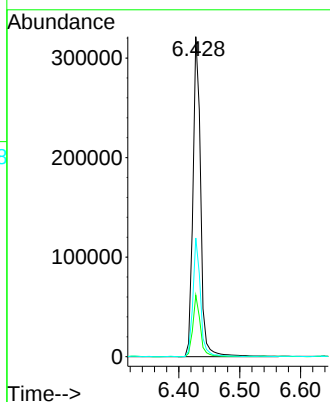
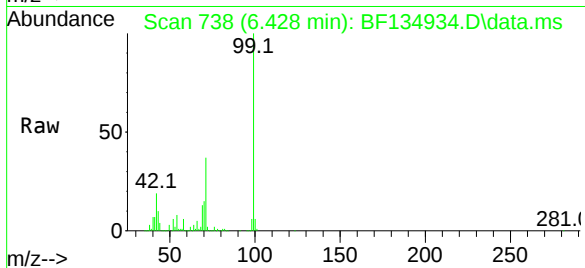
Instrument :

BNA_F

ClientSampleId :

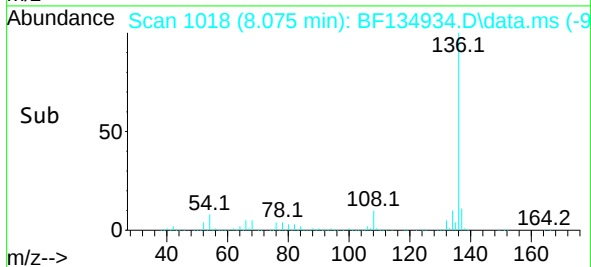
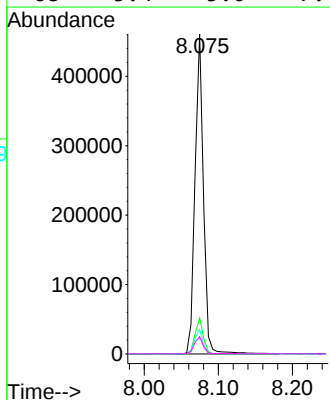
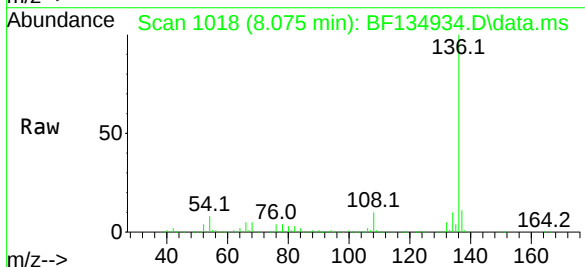
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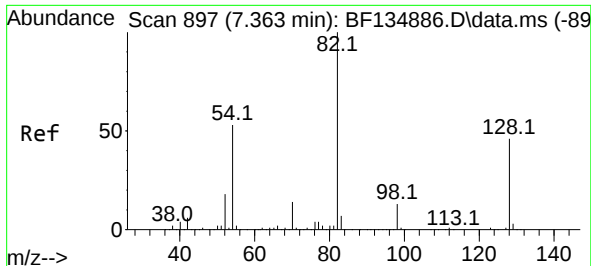
Tgt Ion: 99 Resp: 284952
Ion Ratio Lower Upper
99 100
42 19.2 14.6 22.0
71 37.1 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF134934.D
Acq: 24 Aug 2023 20:27

Tgt Ion: 136 Resp: 363188
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.7 6.6 9.8
68 5.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 24.375 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF134934.D

Acq: 24 Aug 2023 20:27

Instrument :

BNA_F

ClientSampleId :

TP-2

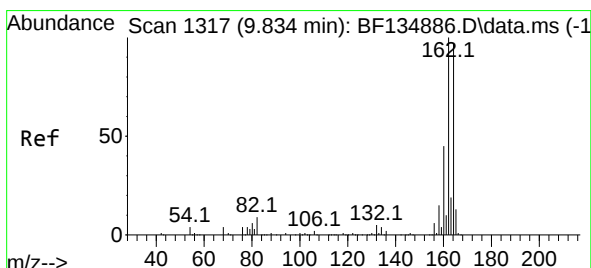
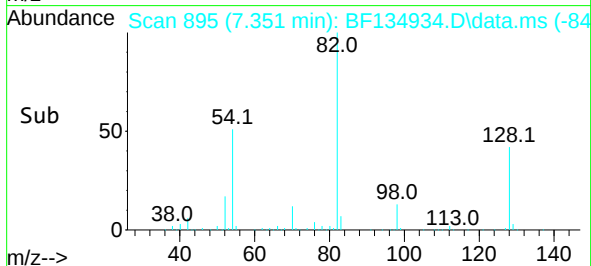
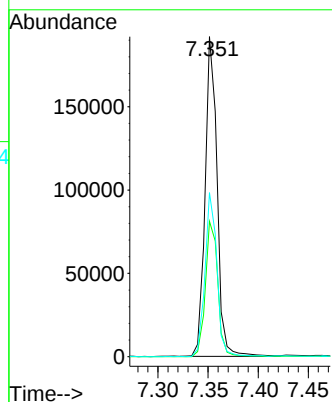
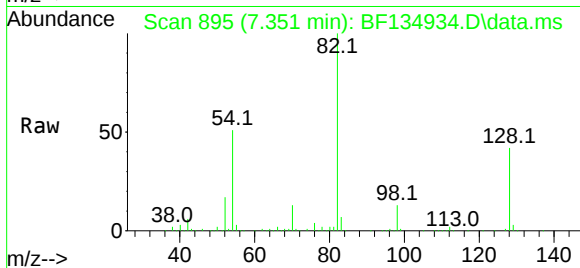
Tgt Ion: 82 Resp: 160658

Ion Ratio Lower Upper

82 100

128 42.3 36.6 54.8

54 51.2 42.6 63.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1317

Delta R.T. -0.000 min

Lab File: BF134934.D

Acq: 24 Aug 2023 20:27

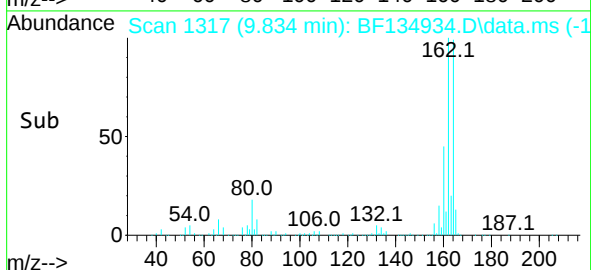
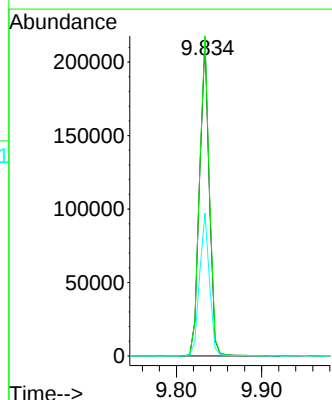
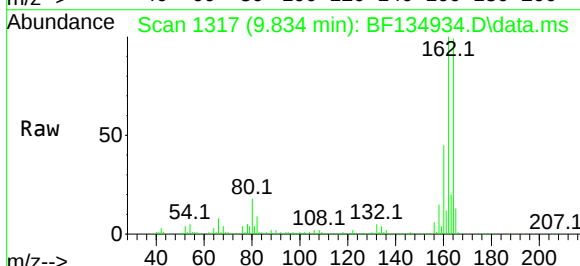
Tgt Ion:164 Resp: 171595

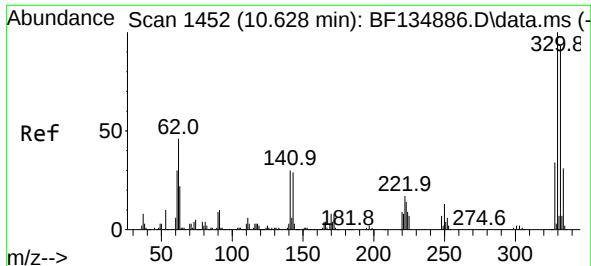
Ion Ratio Lower Upper

164 100

162 101.1 82.6 123.8

160 45.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 34.239 ng

RT: 10.628 min Scan# 1452

Delta R.T. -0.000 min

Lab File: BF134934.D

Acq: 24 Aug 2023 20:27

Instrument :

BNA_F

ClientSampleId :

TP-2

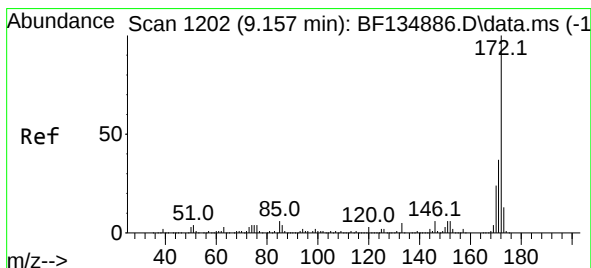
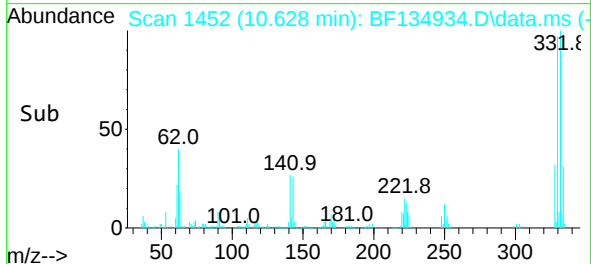
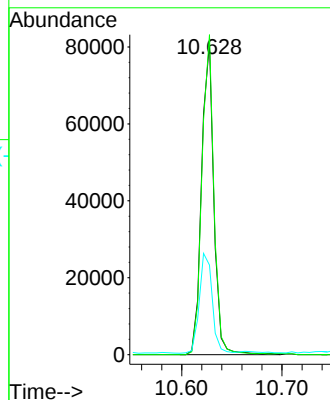
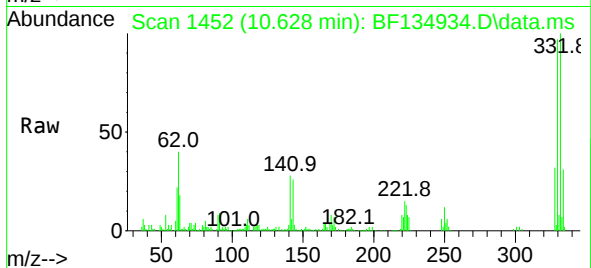
Tgt Ion:330 Resp: 69195

Ion Ratio Lower Upper

330 100

332 100.2 76.3 114.5

141 33.5 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 27.202 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF134934.D

Acq: 24 Aug 2023 20:27

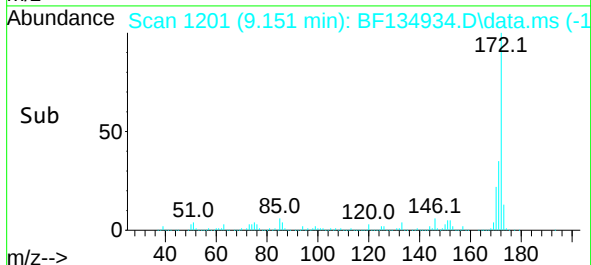
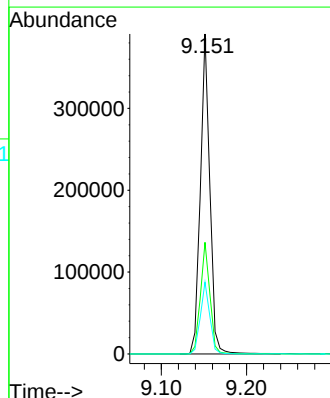
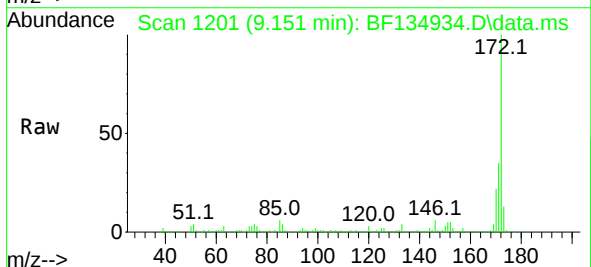
Tgt Ion:172 Resp: 301943

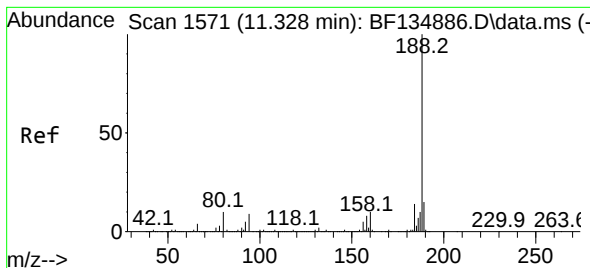
Ion Ratio Lower Upper

172 100

171 34.9 29.4 44.0

170 22.4 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134934.D

Acq: 24 Aug 2023 20:27

Instrument :

BNA_F

ClientSampleId :

TP-2

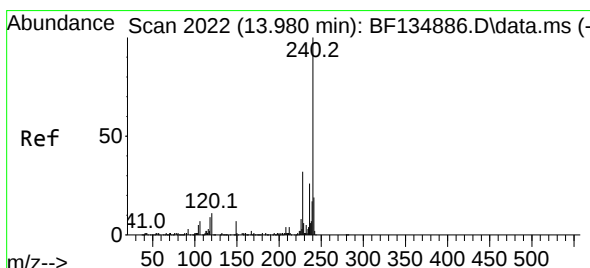
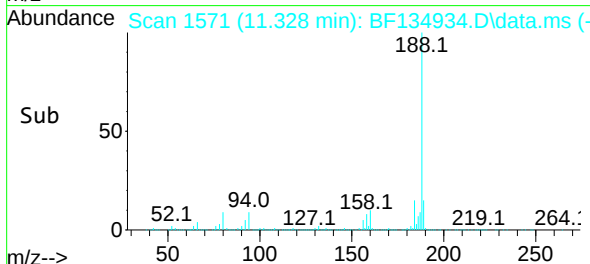
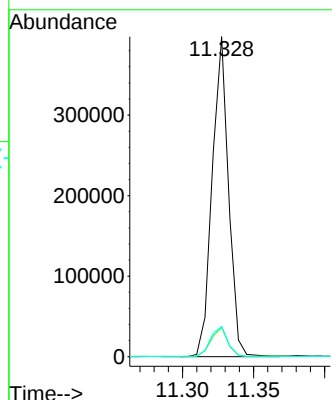
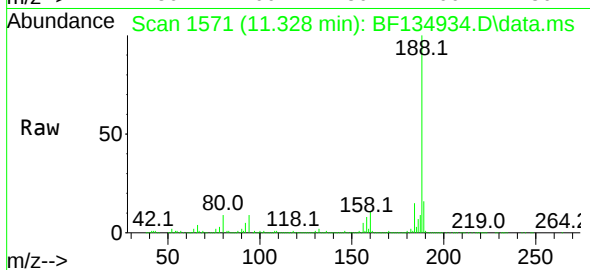
Tgt Ion:188 Resp: 318919

Ion Ratio Lower Upper

188 100

94 9.2 7.5 11.3

80 9.5 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF134934.D

Acq: 24 Aug 2023 20:27

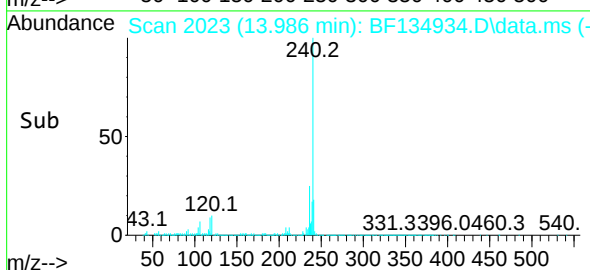
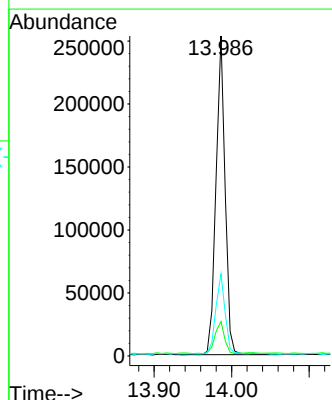
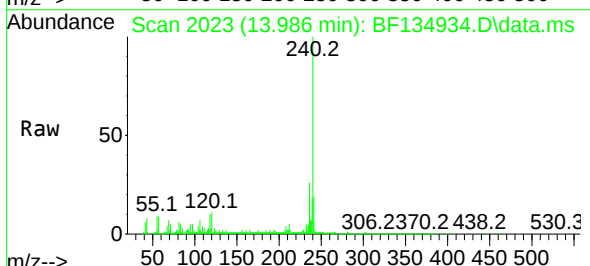
Tgt Ion:240 Resp: 207930

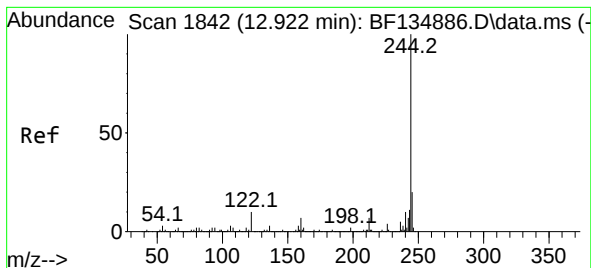
Ion Ratio Lower Upper

240 100

120 10.7 8.6 12.8

236 25.6 20.6 31.0





#79

Terphenyl-d14

Concen: 21.818 ng

RT: 12.922 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134934.D

Acq: 24 Aug 2023 20:27

Instrument :

BNA_F

ClientSampleId :

TP-2

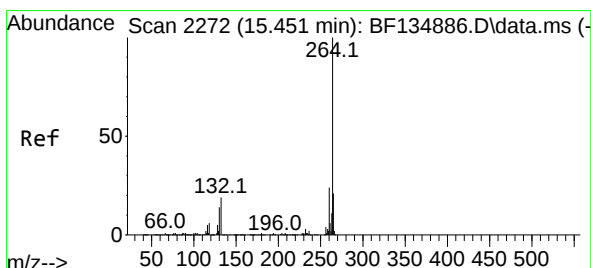
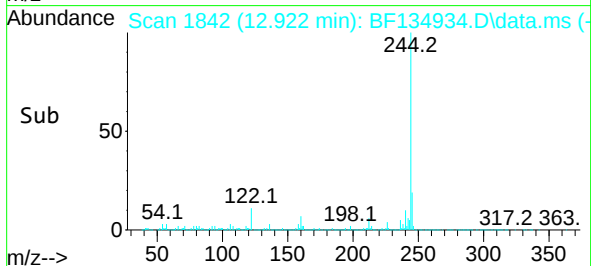
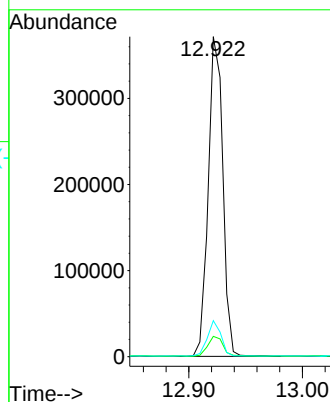
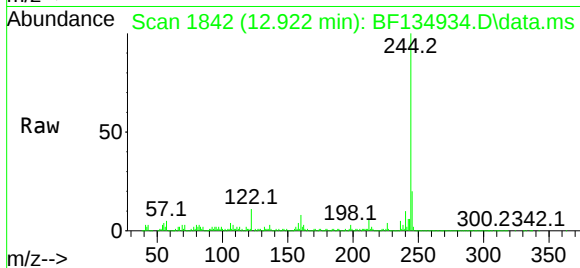
Tgt Ion:244 Resp: 329843

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 11.3 8.2 12.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. 0.018 min

Lab File: BF134934.D

Acq: 24 Aug 2023 20:27

Tgt Ion:264 Resp: 161257

Ion Ratio Lower Upper

264 100

260 24.8 19.0 28.6

265 23.0 17.1 25.7

