

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
 Data File : BF134931.D
 Acq On : 24 Aug 2023 18:52
 Operator : CG\JU
 Sample : 04116-09 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Aug 25 01:21:55 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	114293	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	402022	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	177106	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	325342	20.000	ng	0.00
76) Chrysene-d12	13.986	240	242273	20.000	ng	0.00
86) Perylene-d12	15.468	264	182177	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	212505	29.649	ng	0.00
7) Phenol-d6	6.428	99	263509	28.772	ng	-0.01
23) Nitrobenzene-d5	7.351	82	149611	20.507	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	61984	29.716	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	270943	23.650	ng	0.00
79) Terphenyl-d14	12.921	244	267620	15.193	ng	0.00

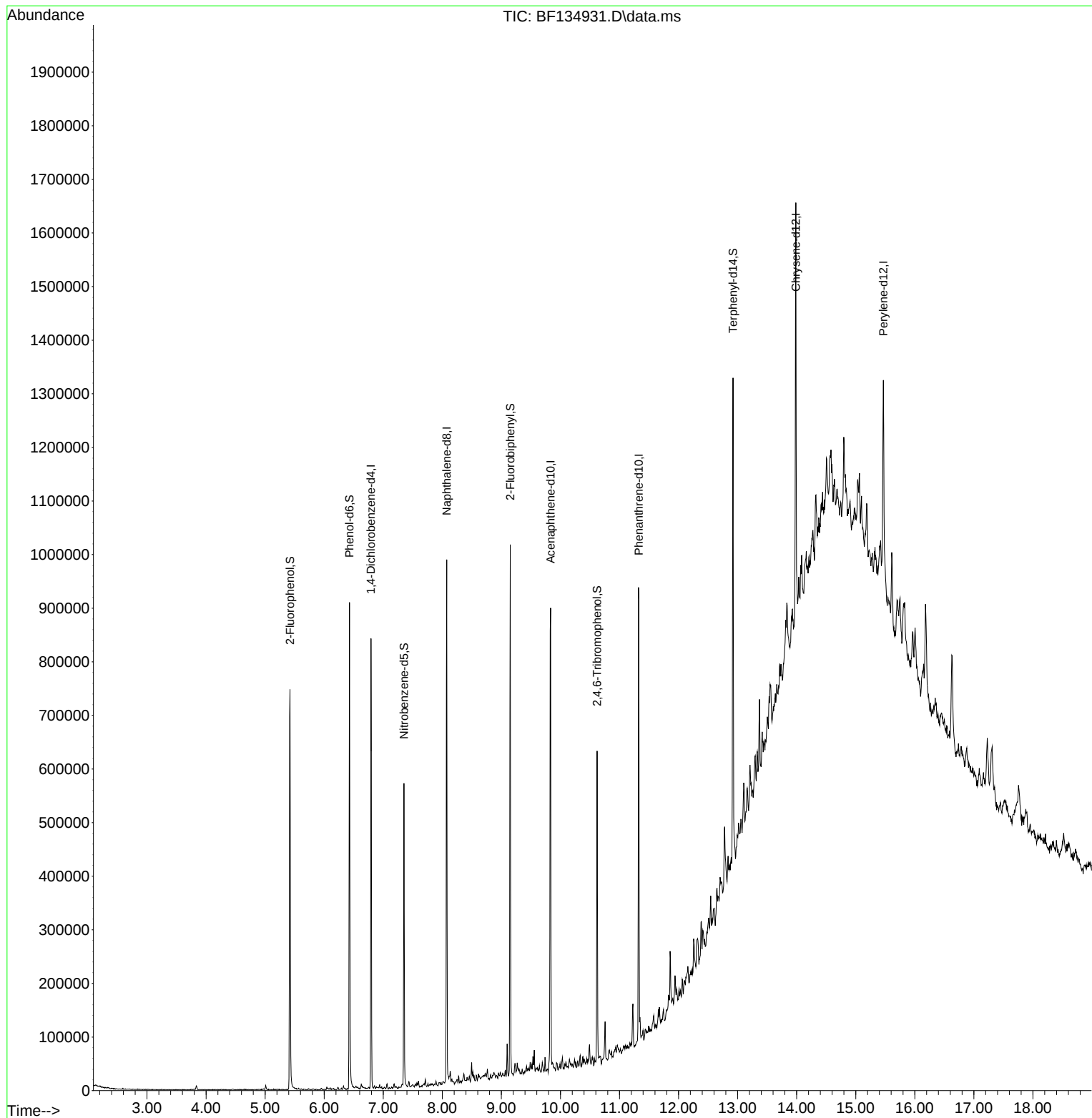
Target Compounds	Qvalue

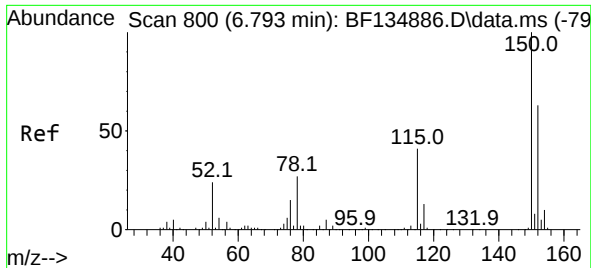
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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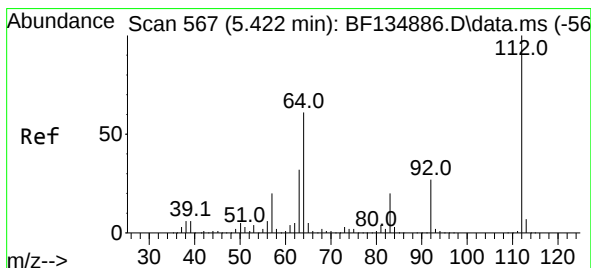
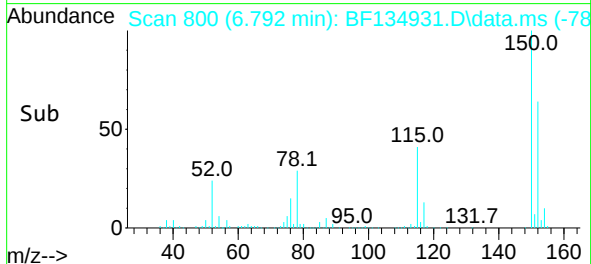
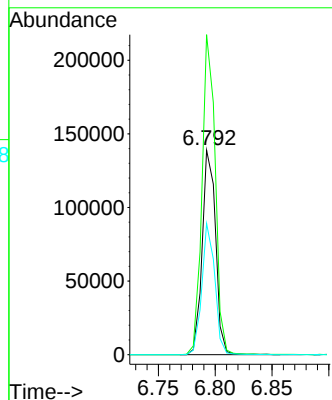
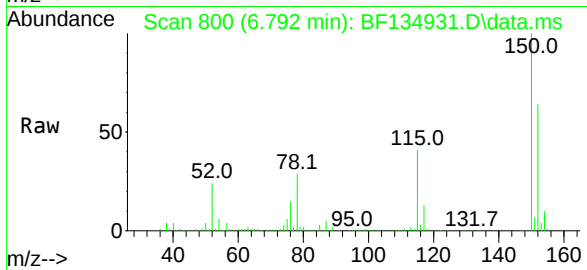




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.001 min
Lab File: BF134931.D
Acq: 24 Aug 2023 18:52

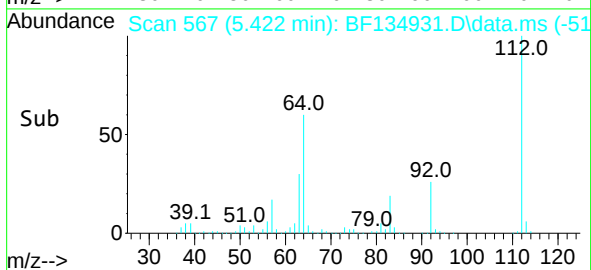
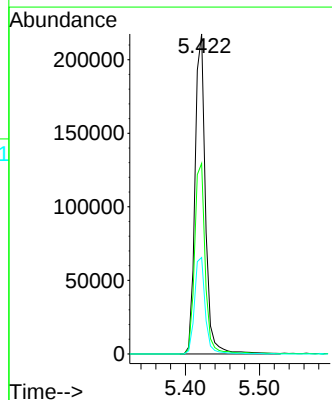
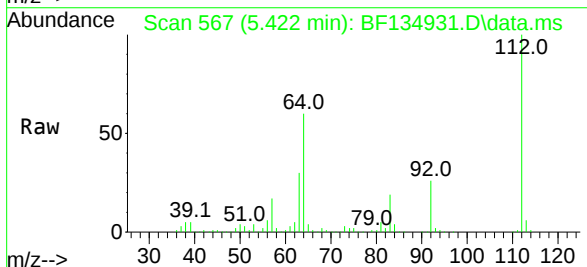
Instrument :
BNA_F
ClientSampleId :
TP-5

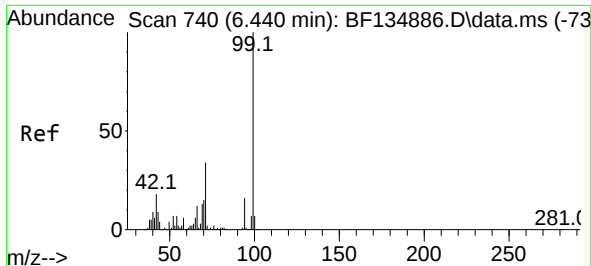
Tgt Ion:152 Resp: 114293
Ion Ratio Lower Upper
152 100
150 156.5 126.1 189.1
115 64.2 51.1 76.7



#5
2-Fluorophenol
Concen: 29.649 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF134931.D
Acq: 24 Aug 2023 18:52

Tgt Ion:112 Resp: 212505
Ion Ratio Lower Upper
112 100
64 59.5 48.6 73.0
63 30.2 25.7 38.5

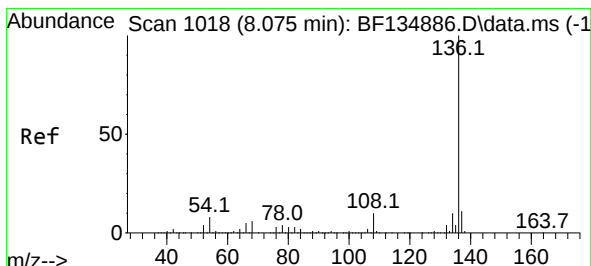
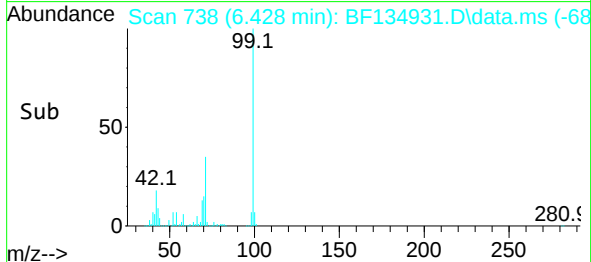
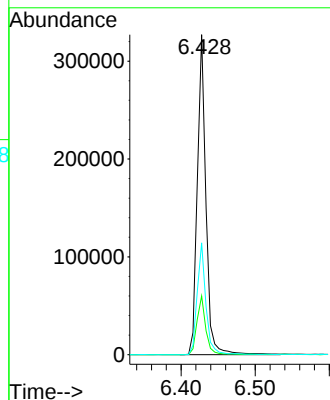
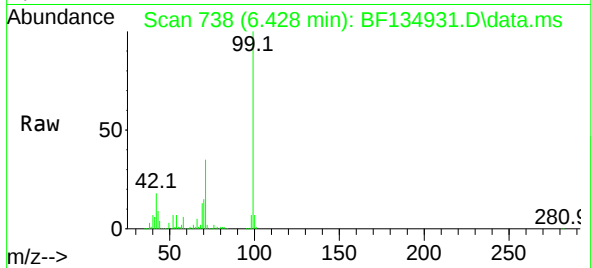




#7
Phenol-d6
Concen: 28.772 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134931.D
Acq: 24 Aug 2023 18:52

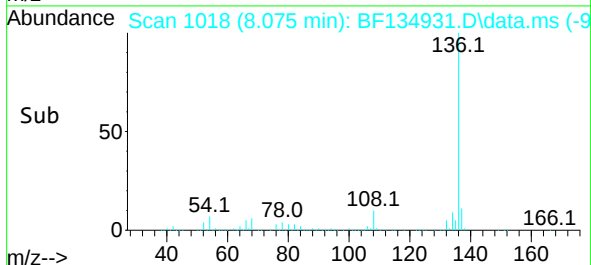
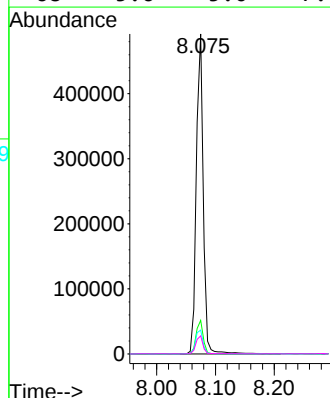
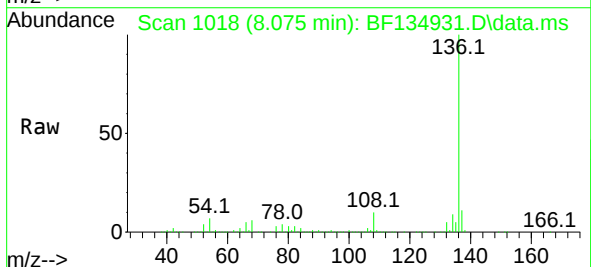
Instrument :
BNA_F
ClientSampleId :
TP-5

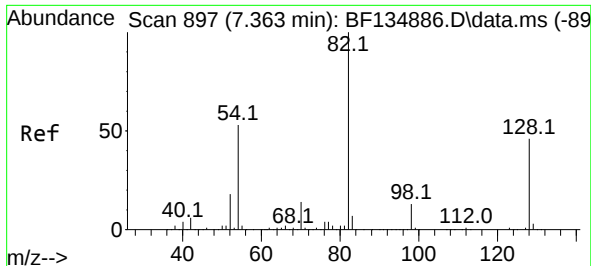
Tgt Ion: 99 Resp: 263509
Ion Ratio Lower Upper
99 100
42 18.4 14.6 22.0
71 35.0 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF134931.D
Acq: 24 Aug 2023 18:52

Tgt Ion: 136 Resp: 402022
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 7.5 6.6 9.8
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 20.507 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF134931.D

Acq: 24 Aug 2023 18:52

Instrument :

BNA_F

ClientSampleId :

TP-5

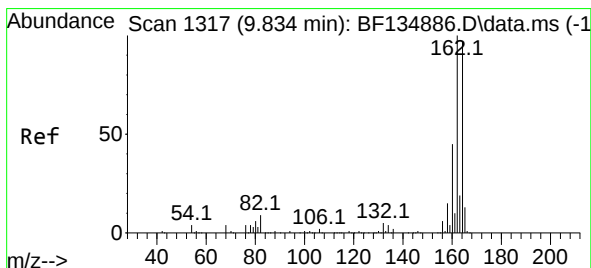
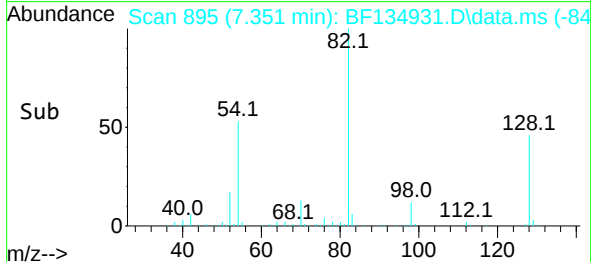
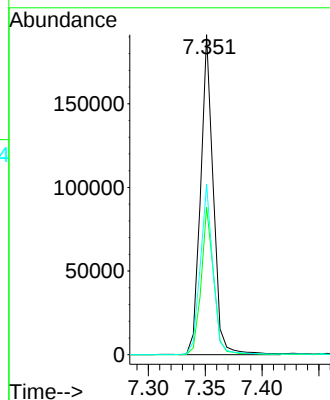
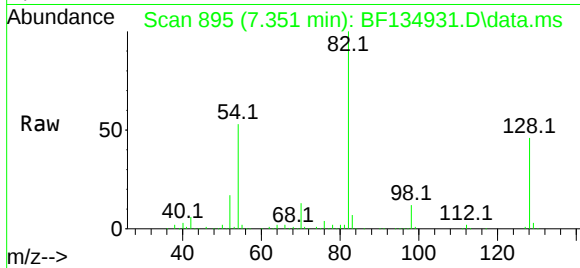
Tgt Ion: 82 Resp: 149611

Ion Ratio Lower Upper

82 100

128 46.1 36.6 54.8

54 53.3 42.6 63.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.000 min

Lab File: BF134931.D

Acq: 24 Aug 2023 18:52

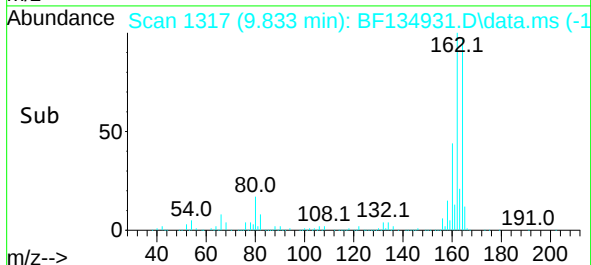
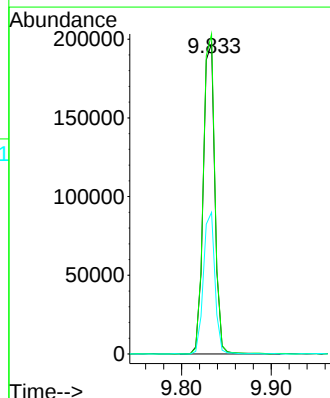
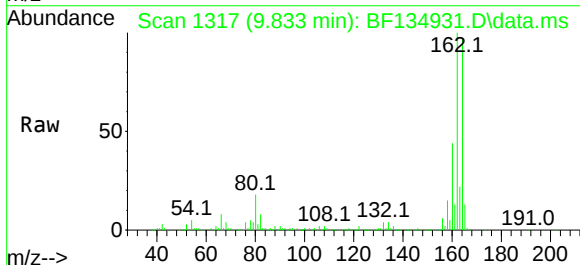
Tgt Ion:164 Resp: 177106

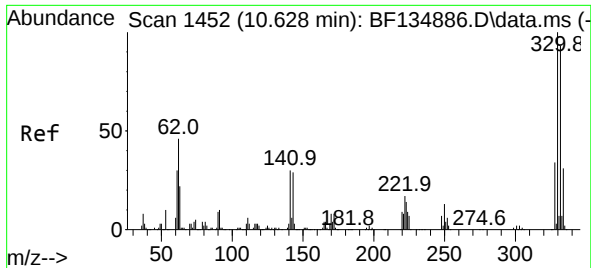
Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

160 45.6 37.0 55.4

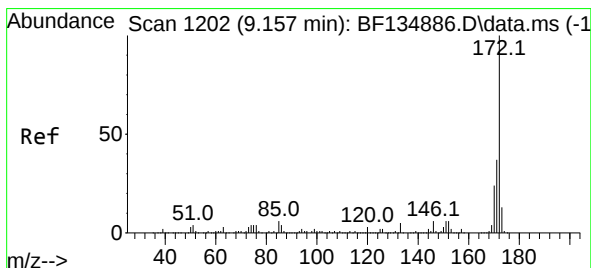
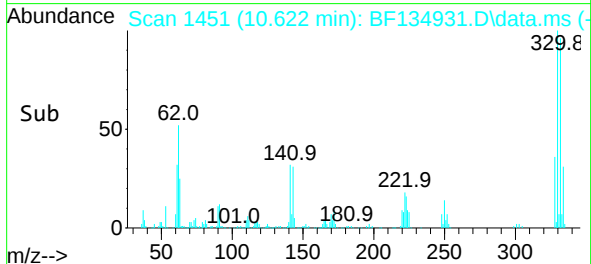
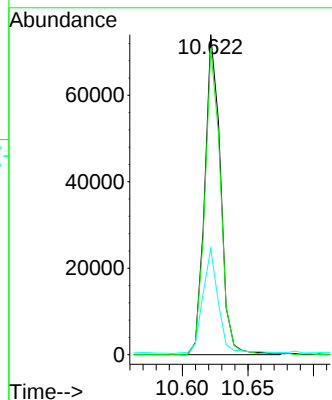
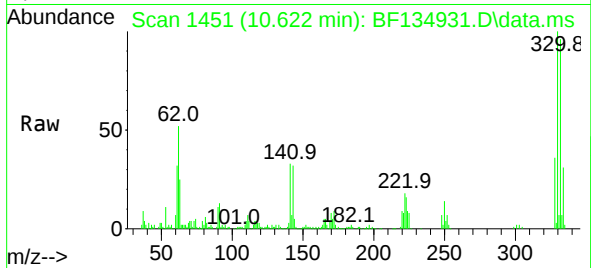




#42
 2,4,6-Tribromophenol
 Concen: 29.716 ng
 RT: 10.622 min Scan# 1452
 Delta R.T. -0.006 min
 Lab File: BF134931.D
 Acq: 24 Aug 2023 18:52

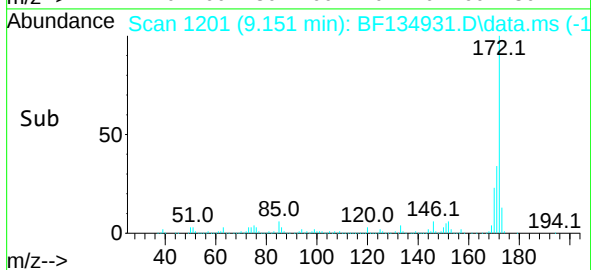
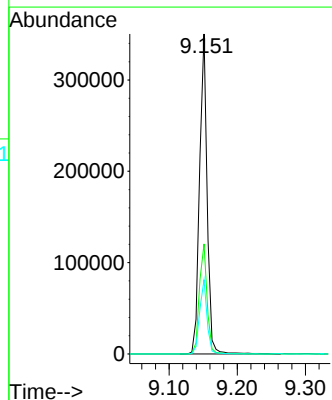
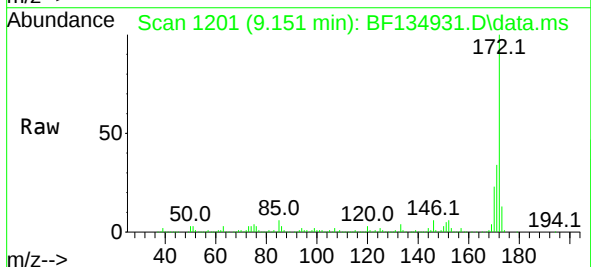
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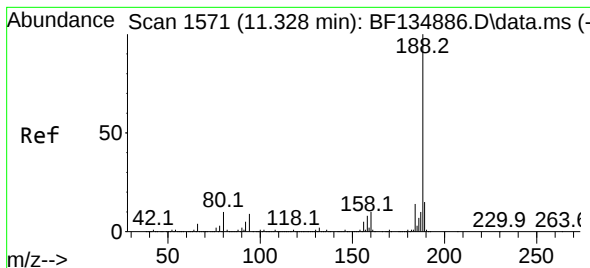
Tgt Ion:330 Resp: 61984
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.3 114.5
 141 32.8 23.4 35.2



#45
 2-Fluorobiphenyl
 Concen: 23.650 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. -0.006 min
 Lab File: BF134931.D
 Acq: 24 Aug 2023 18:52

Tgt Ion:172 Resp: 270943
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.4 44.0
 170 23.2 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134931.D

Acq: 24 Aug 2023 18:52

Instrument :

BNA_F

ClientSampleId :

TP-5

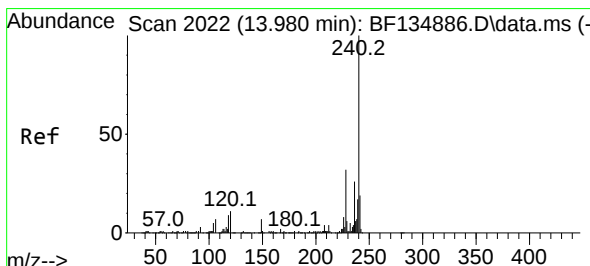
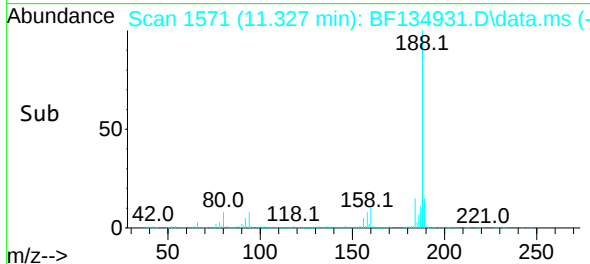
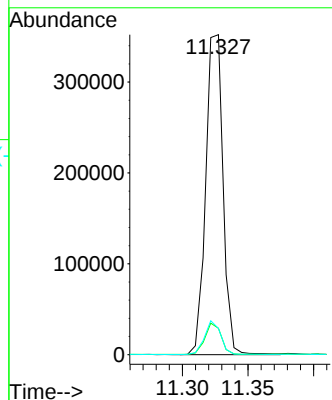
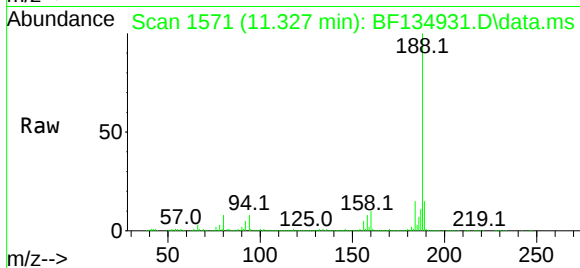
Tgt Ion:188 Resp: 325342

Ion Ratio Lower Upper

188 100

94 8.2 7.5 11.3

80 8.2 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: BF134931.D

Acq: 24 Aug 2023 18:52

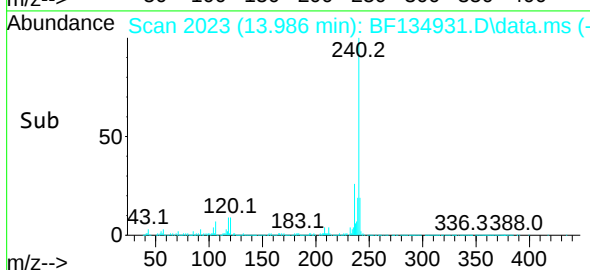
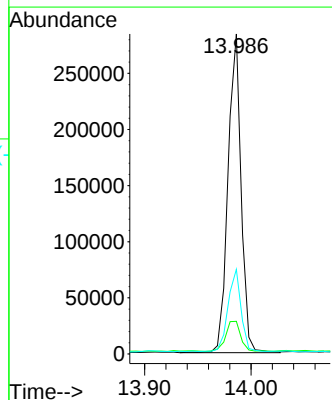
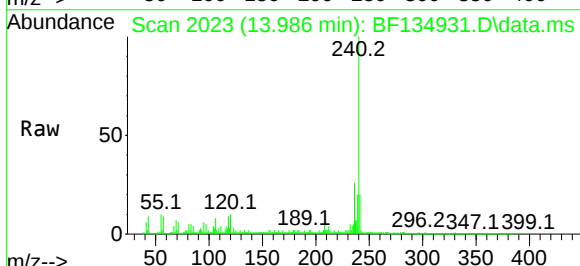
Tgt Ion:240 Resp: 242273

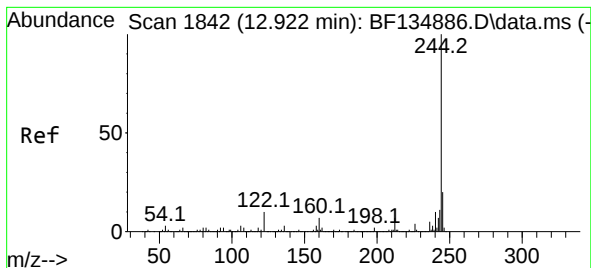
Ion Ratio Lower Upper

240 100

120 10.2 8.6 12.8

236 26.4 20.6 31.0





#79

Terphenyl-d14

Concen: 15.193 ng

RT: 12.921 min Scan# 1842

Delta R.T. -0.001 min

Lab File: BF134931.D

Acq: 24 Aug 2023 18:52

Instrument :

BNA_F

ClientSampleId :

TP-5

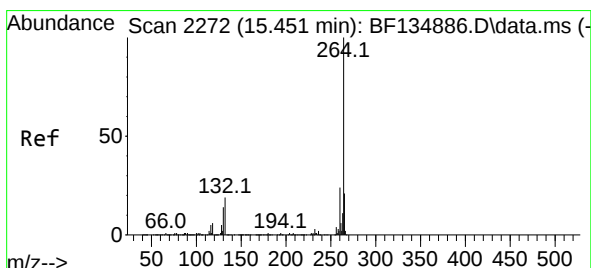
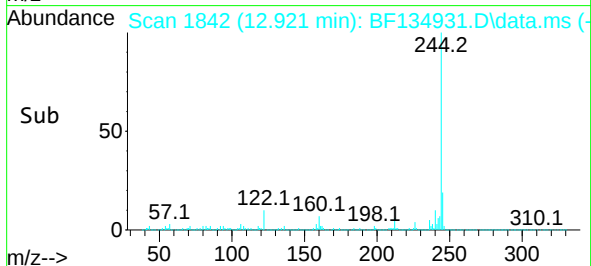
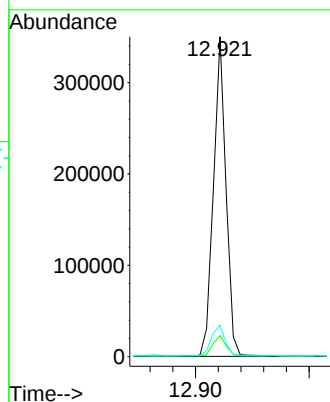
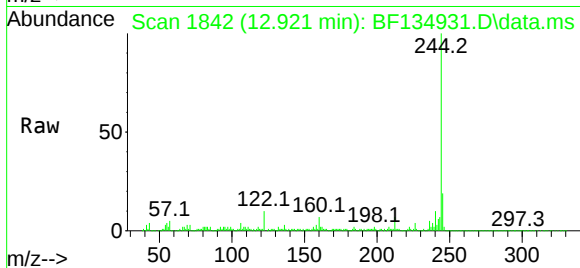
Tgt Ion:244 Resp: 267620

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 9.8 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: BF134931.D

Acq: 24 Aug 2023 18:52

Tgt Ion:264 Resp: 182177

Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.6

265 22.4 17.1 25.7

