

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
 Data File : BF134935.D
 Acq On : 24 Aug 2023 20:59
 Operator : CG\JU
 Sample : 04116-07 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Aug 25 01:23:32 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	105430	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	373216	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	178838	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	339562	20.000	ng	0.00
76) Chrysene-d12	13.986	240	216171	20.000	ng	0.00
86) Perylene-d12	15.463	264	172187	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	93412	14.129	ng	0.00
7) Phenol-d6	6.428	99	112512	13.318	ng	-0.01
23) Nitrobenzene-d5	7.351	82	60258	8.897	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	25429	12.073	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	115220	9.960	ng	0.00
79) Terphenyl-d14	12.922	244	125971	8.015	ng	0.00

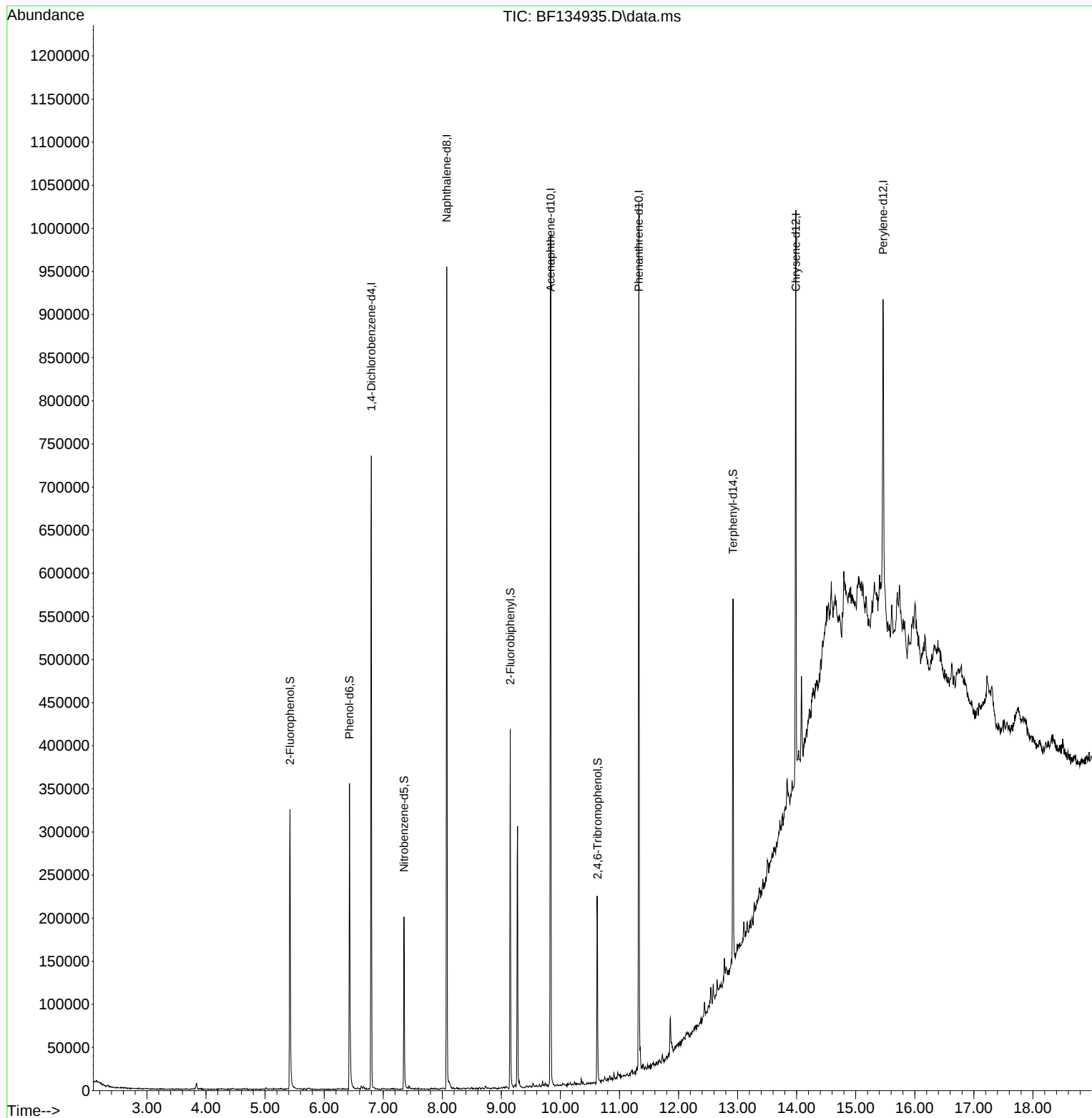
Target Compounds	Qvalue

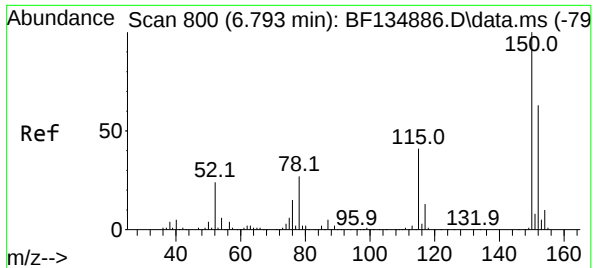
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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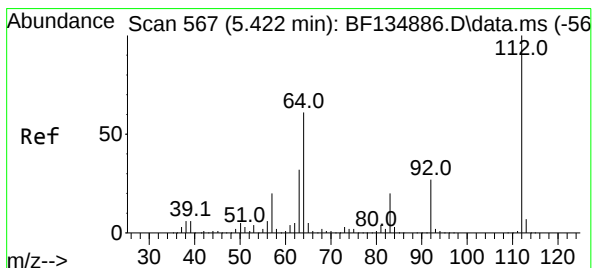
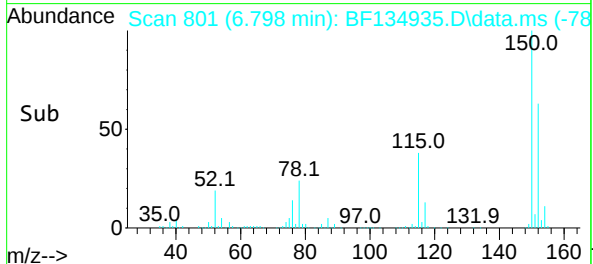
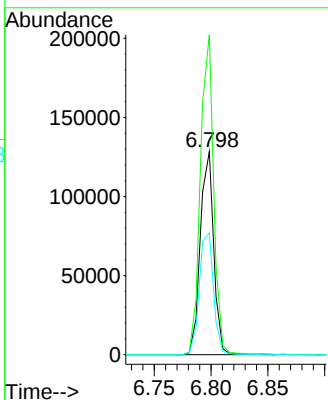
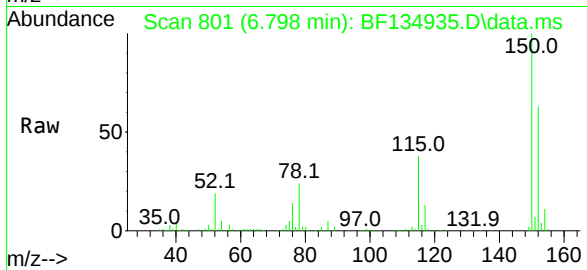




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. 0.005 min
 Lab File: BF134935.D
 Acq: 24 Aug 2023 20:59

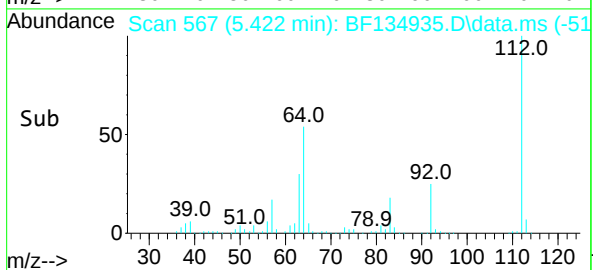
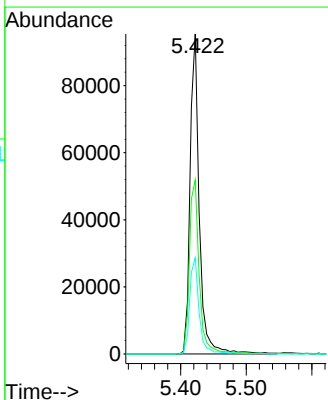
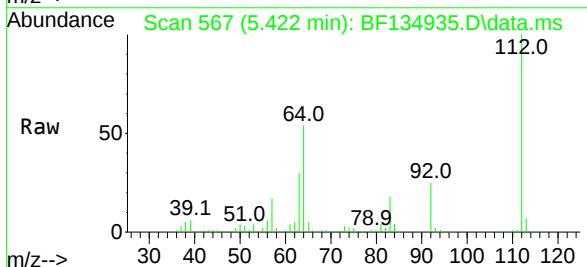
Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tgt Ion:152 Resp: 105430
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.1 189.1
 115 60.0 51.1 76.7



#5
 2-Fluorophenol
 Concen: 14.129 ng
 RT: 5.422 min Scan# 567
 Delta R.T. 0.000 min
 Lab File: BF134935.D
 Acq: 24 Aug 2023 20:59

Tgt Ion:112 Resp: 93412
 Ion Ratio Lower Upper
 112 100
 64 54.4 48.6 73.0
 63 30.1 25.7 38.5

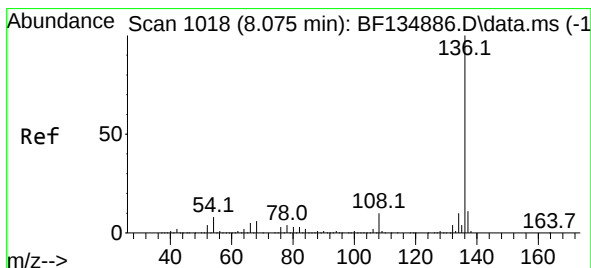
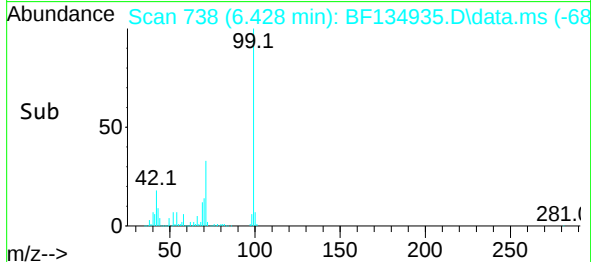
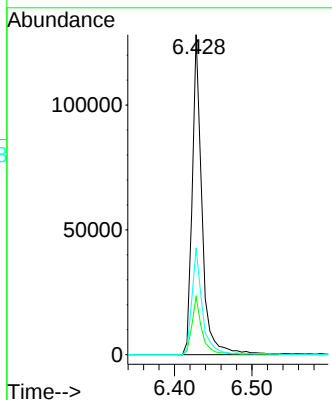
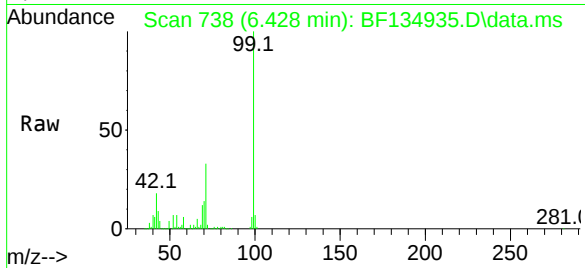




#7
Phenol-d6
Concen: 13.318 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134935.D
Acq: 24 Aug 2023 20:59

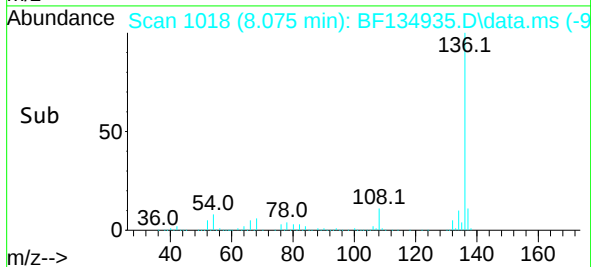
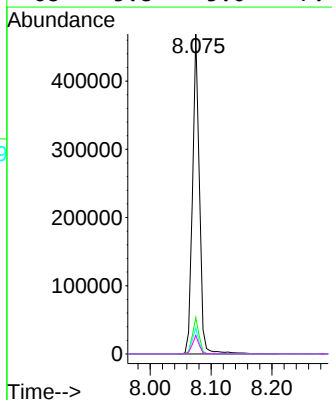
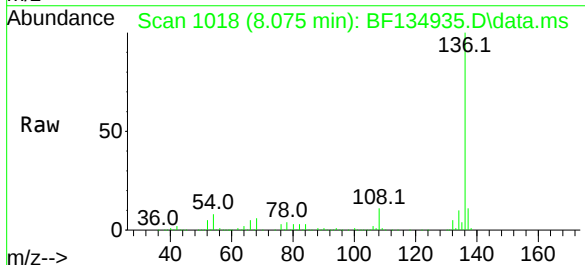
Instrument :
BNA_F
ClientSampleId :
TP-4

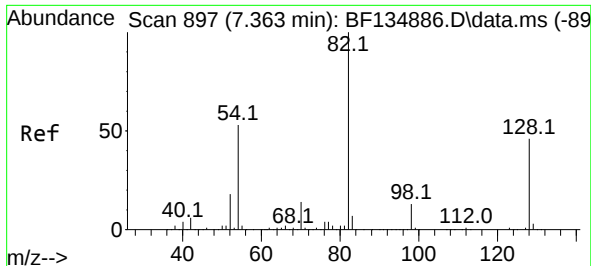
Tgt Ion: 99 Resp: 112512
Ion Ratio Lower Upper
99 100
42 18.1 14.6 22.0
71 33.4 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134935.D
Acq: 24 Aug 2023 20:59

Tgt Ion: 136 Resp: 373216
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 8.0 6.6 9.8
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 8.897 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF134935.D

Acq: 24 Aug 2023 20:59

Instrument :

BNA_F

ClientSampleId :

TP-4

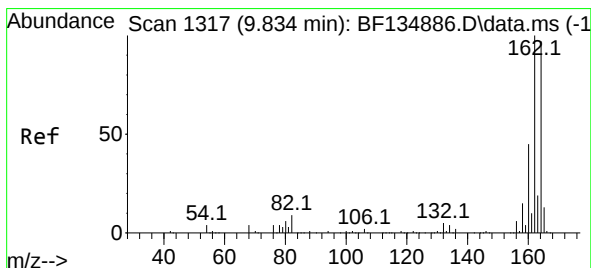
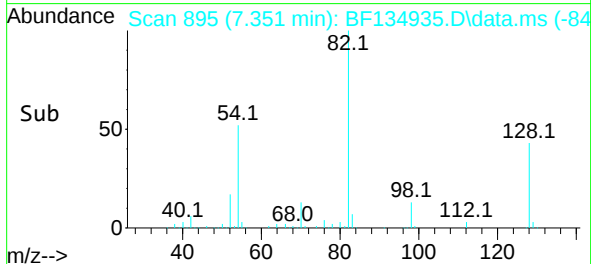
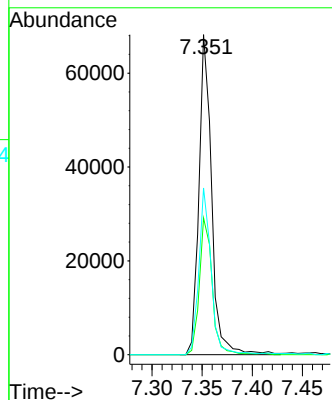
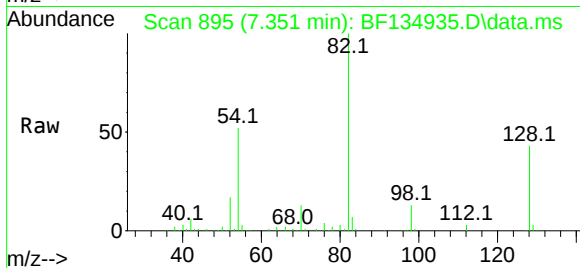
Tgt Ion: 82 Resp: 60258

Ion Ratio Lower Upper

82 100

128 42.7 36.6 54.8

54 52.1 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: BF134935.D

Acq: 24 Aug 2023 20:59

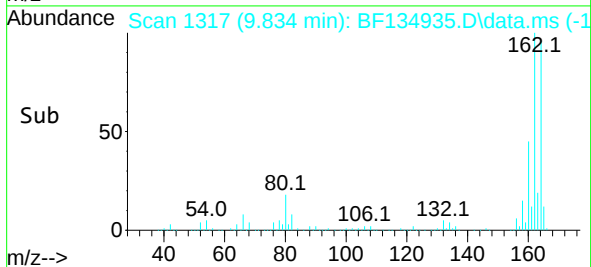
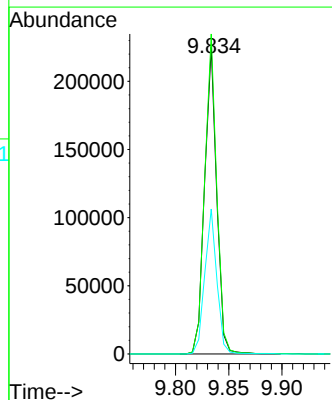
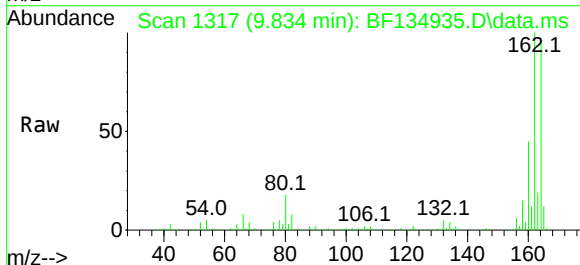
Tgt Ion:164 Resp: 178838

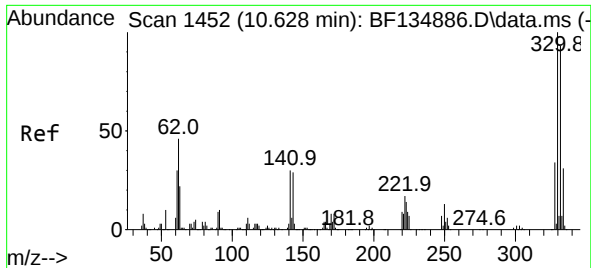
Ion Ratio Lower Upper

164 100

162 104.3 82.6 123.8

160 47.2 37.0 55.4

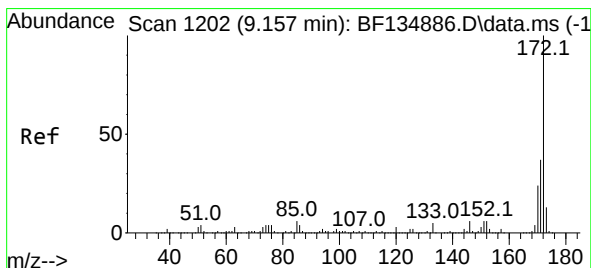
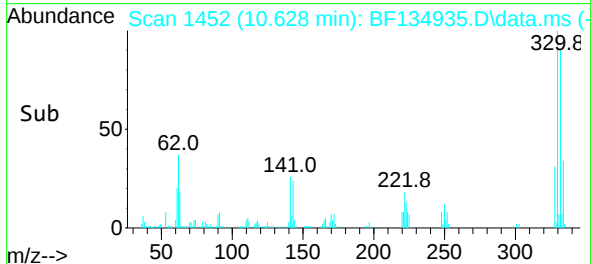
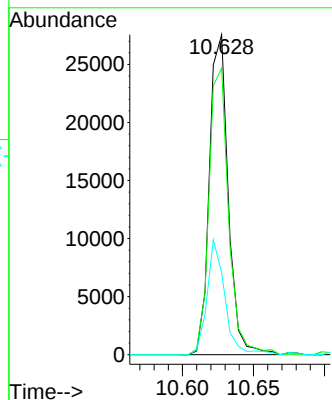
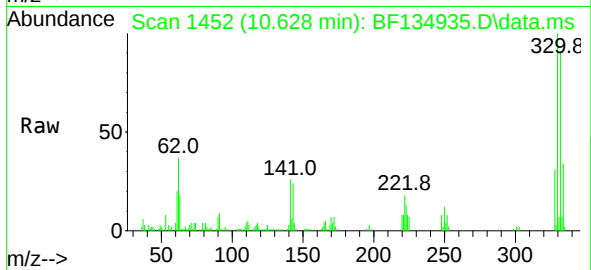




#42
2,4,6-Tribromophenol
Concen: 12.073 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF134935.D
Acq: 24 Aug 2023 20:59

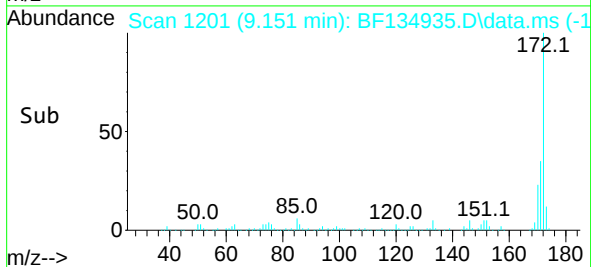
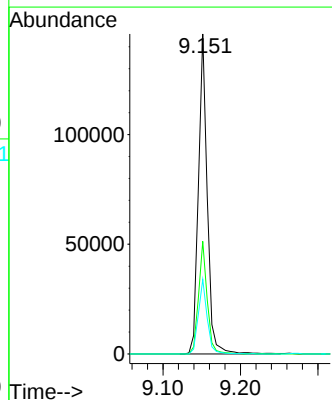
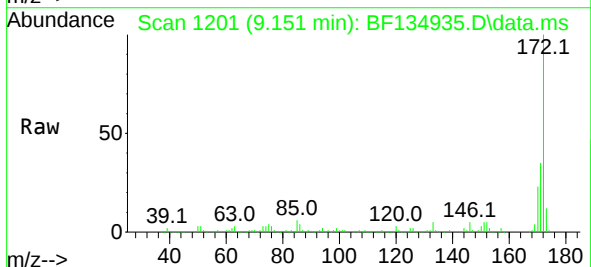
Instrument :
BNA_F
ClientSampleId :
TP-4

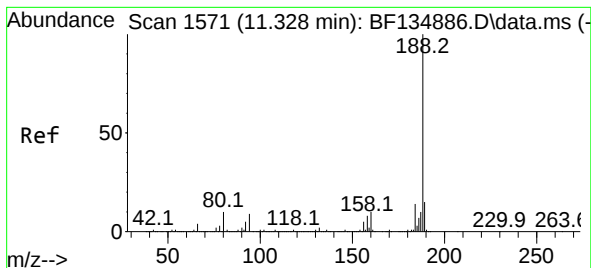
Tgt Ion: 330 Resp: 25429
Ion Ratio Lower Upper
330 100
332 93.4 76.3 114.5
141 34.0 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 9.960 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF134935.D
Acq: 24 Aug 2023 20:59

Tgt Ion: 172 Resp: 115220
Ion Ratio Lower Upper
172 100
171 35.2 29.4 44.0
170 23.3 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134935.D

Acq: 24 Aug 2023 20:59

Instrument :

BNA_F

ClientSampleId :

TP-4

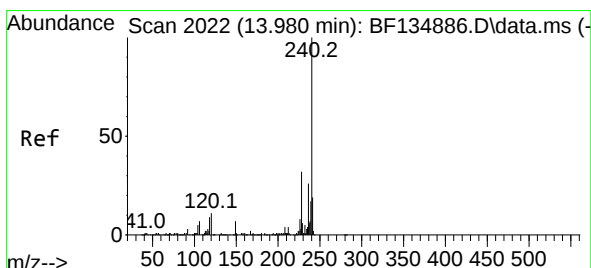
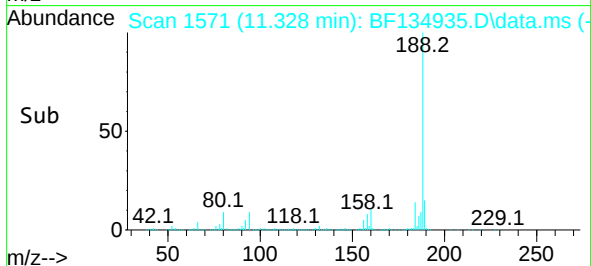
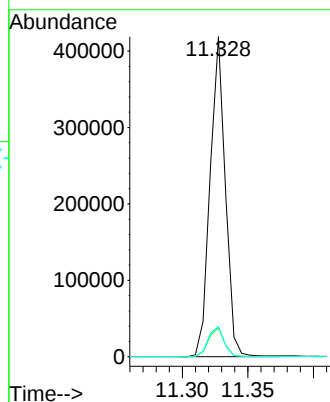
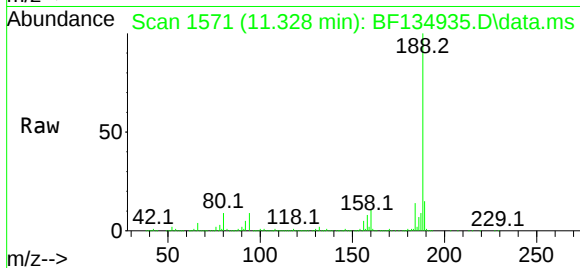
Tgt Ion:188 Resp: 339562

Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

80 9.4 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: BF134935.D

Acq: 24 Aug 2023 20:59

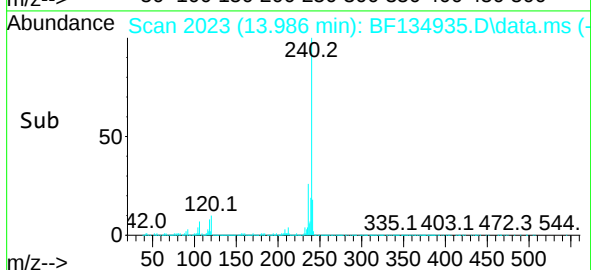
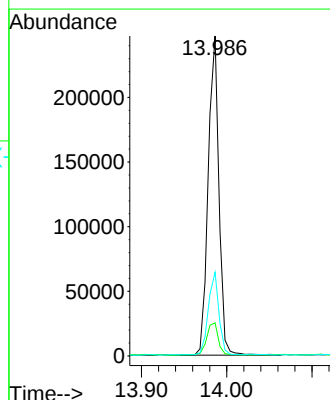
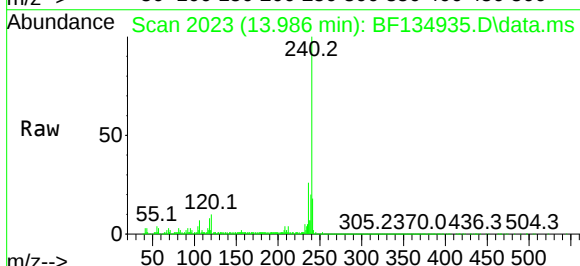
Tgt Ion:240 Resp: 216171

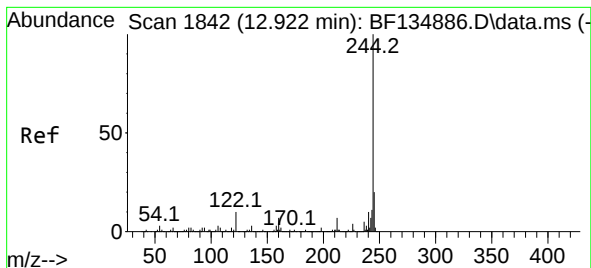
Ion Ratio Lower Upper

240 100

120 10.3 8.6 12.8

236 26.2 20.6 31.0





#79

Terphenyl-d14

Concen: 8.015 ng

RT: 12.922 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134935.D

Acq: 24 Aug 2023 20:59

Instrument :

BNA_F

ClientSampleId :

TP-4

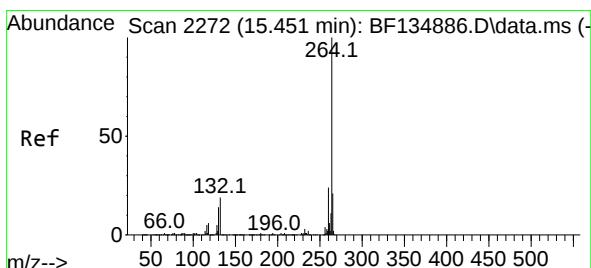
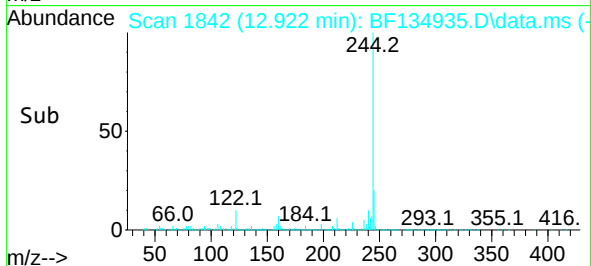
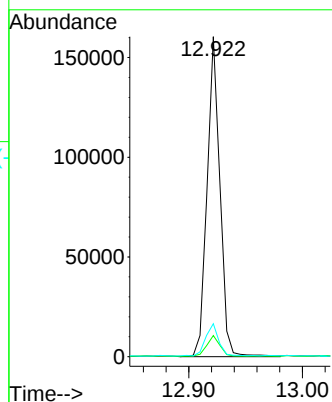
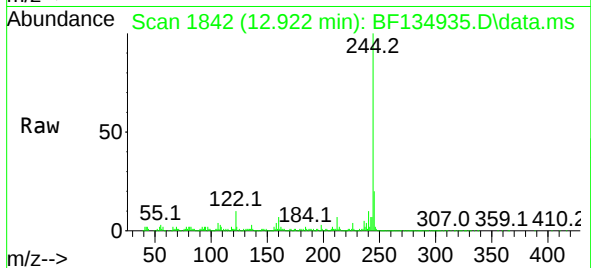
Tgt Ion:244 Resp: 125971

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 10.3 8.2 12.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2274

Delta R.T. 0.012 min

Lab File: BF134935.D

Acq: 24 Aug 2023 20:59

Tgt Ion:264 Resp: 172187

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.2 17.1 25.7

