

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
 Data File : BF134899.D
 Acq On : 23 Aug 2023 12:24
 Operator : CG\JU
 Sample : 04091-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-A

Quant Time: Aug 24 04:24:02 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	131613	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	522438	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	276967	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	524196	20.000	ng	0.00
76) Chrysene-d12	13.974	240	294492	20.000	ng	0.00
86) Perylene-d12	15.445	264	315325	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	705674	85.501	ng	0.00
7) Phenol-d6	6.428	99	882814	83.708	ng	-0.01
23) Nitrobenzene-d5	7.351	82	534985	56.427	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	283554	86.927	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	971859	54.244	ng	0.00
79) Terphenyl-d14	12.921	244	996063	46.520	ng	0.00

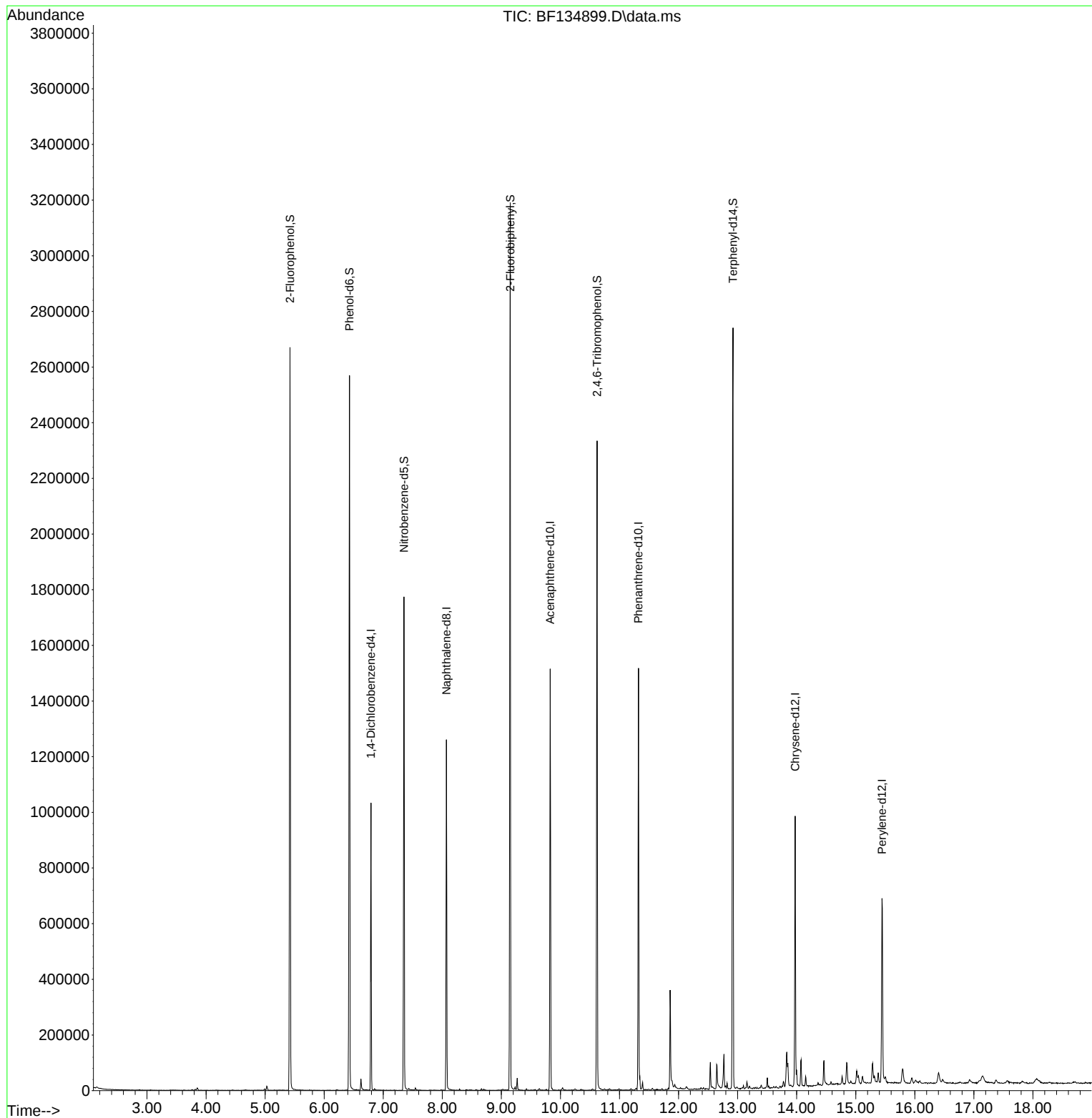
Target Compounds	Qvalue

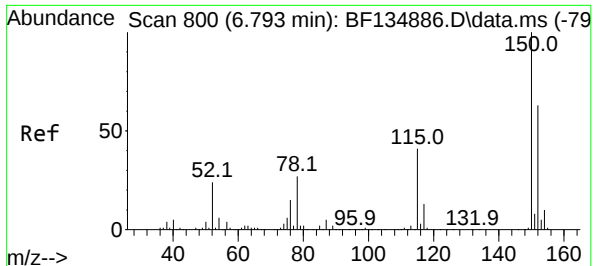
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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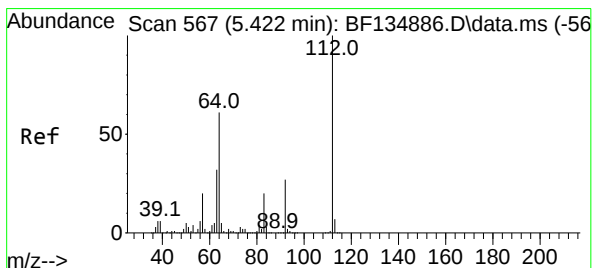
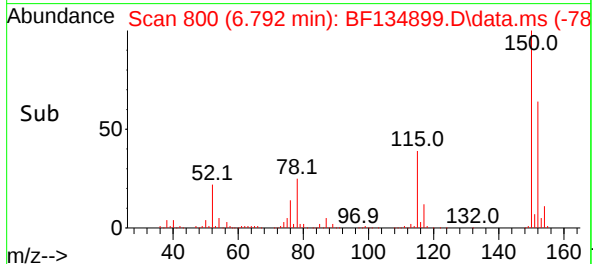
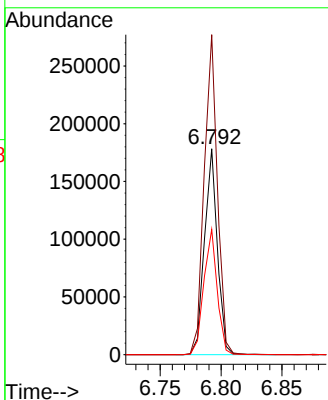
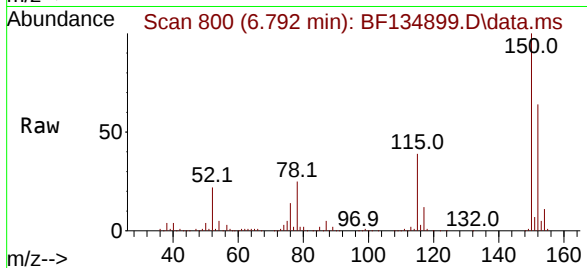




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.001 min
Lab File: BF134899.D
Acq: 23 Aug 2023 12:24

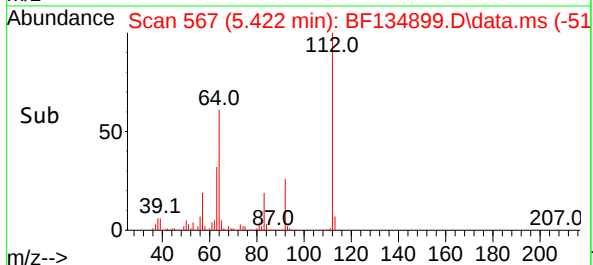
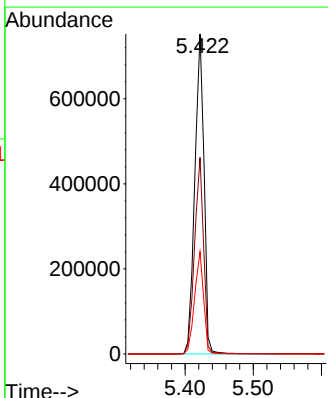
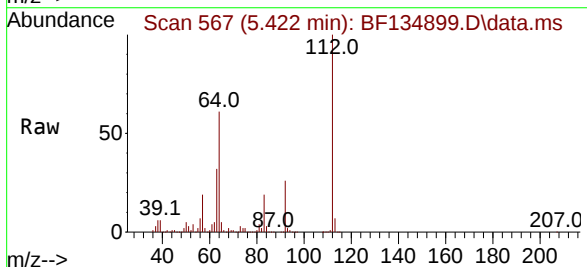
Instrument :
BNA_F
ClientSampleId :
TP-A

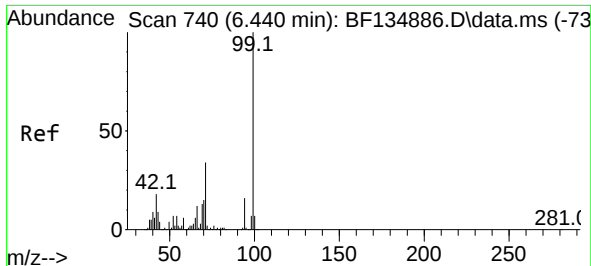
Tgt Ion:152 Resp: 131613
Ion Ratio Lower Upper
152 100
150 155.4 126.1 189.1
115 60.8 51.1 76.7



#5
2-Fluorophenol
Concen: 85.501 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF134899.D
Acq: 23 Aug 2023 12:24

Tgt Ion:112 Resp: 705674
Ion Ratio Lower Upper
112 100
64 61.4 48.6 73.0
63 31.9 25.7 38.5





#7

Phenol-d6

Concen: 83.708 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF134899.D

Acq: 23 Aug 2023 12:24

Instrument :

BNA_F

ClientSampleId :

TP-A

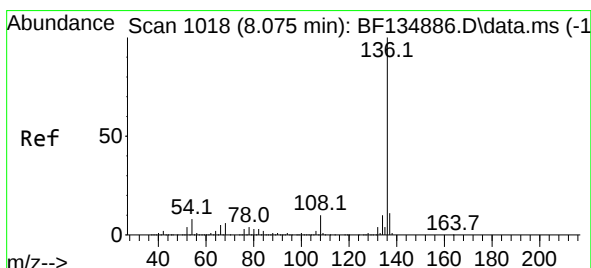
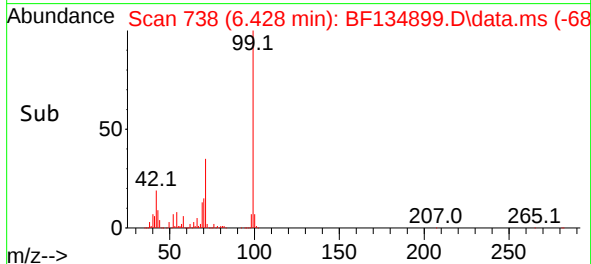
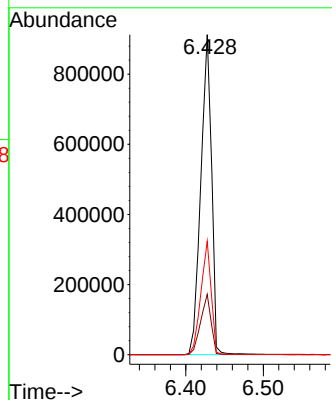
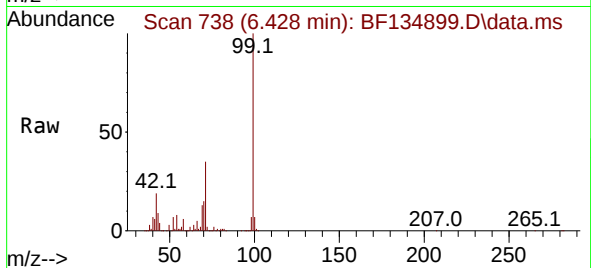
Tgt Ion: 99 Resp: 882814

Ion Ratio Lower Upper

99 100

42 18.8 14.6 22.0

71 35.4 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: BF134899.D

Acq: 23 Aug 2023 12:24

Tgt Ion: 136 Resp: 522438

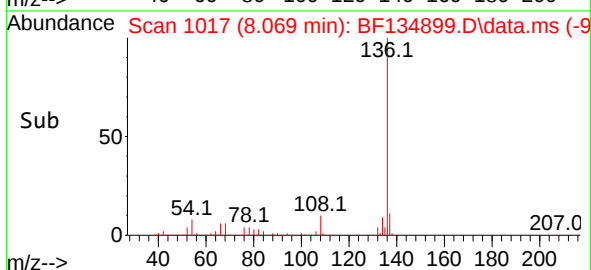
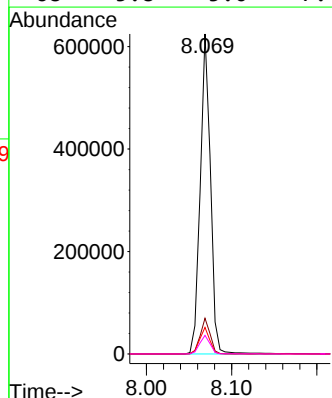
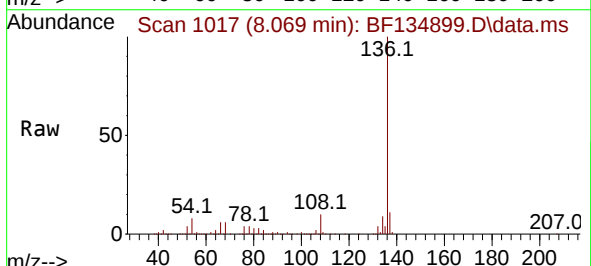
Ion Ratio Lower Upper

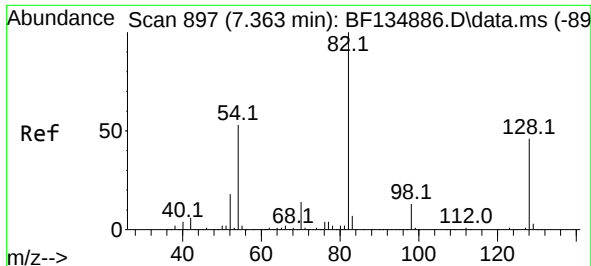
136 100

137 11.1 8.9 13.3

54 8.3 6.6 9.8

68 5.8 5.0 7.4

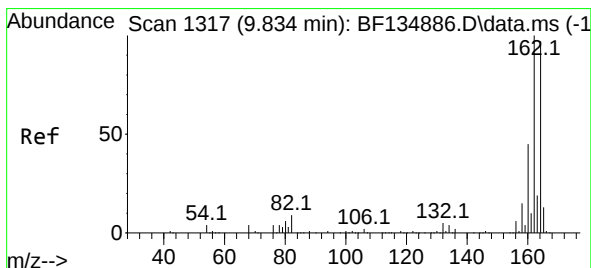
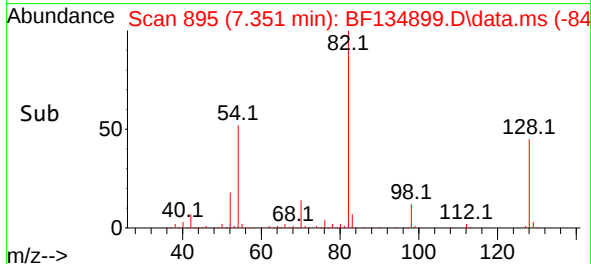
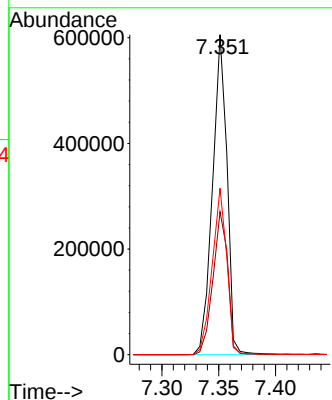
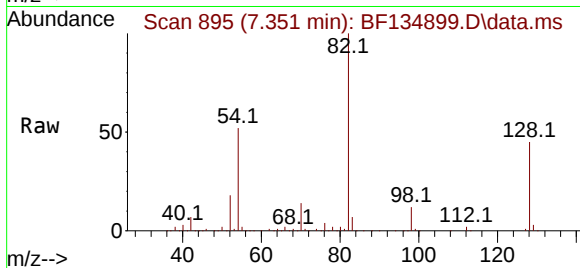




#23
Nitrobenzene-d5
Concen: 56.427 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF134899.D
Acq: 23 Aug 2023 12:24

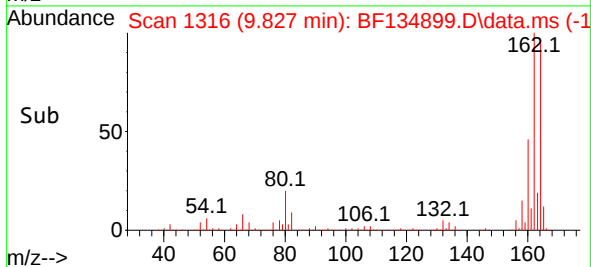
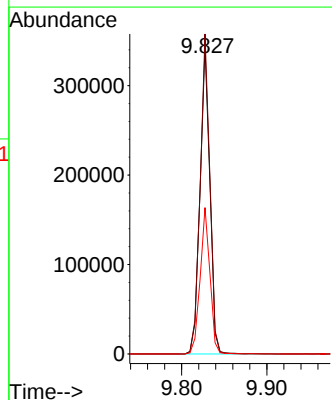
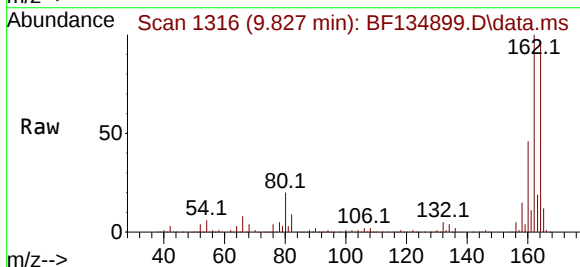
Instrument :
BNA_F
ClientSampleId :
TP-A

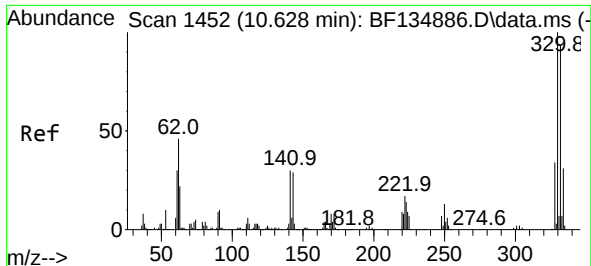
Tgt Ion: 82 Resp: 534985
Ion Ratio Lower Upper
82 100
128 44.7 36.6 54.8
54 52.0 42.6 63.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134899.D
Acq: 23 Aug 2023 12:24

Tgt Ion:164 Resp: 276967
Ion Ratio Lower Upper
164 100
162 103.9 82.6 123.8
160 47.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 86.927 ng

RT: 10.621 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF134899.D

Acq: 23 Aug 2023 12:24

Instrument :

BNA_F

ClientSampleId :

TP-A

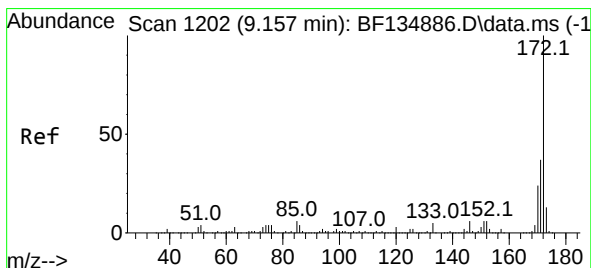
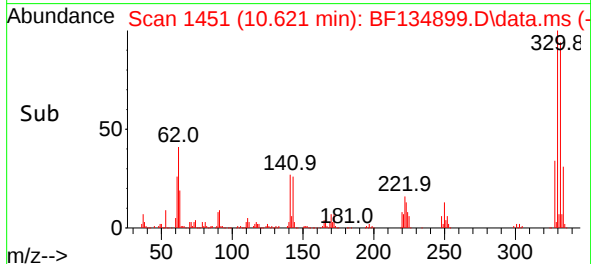
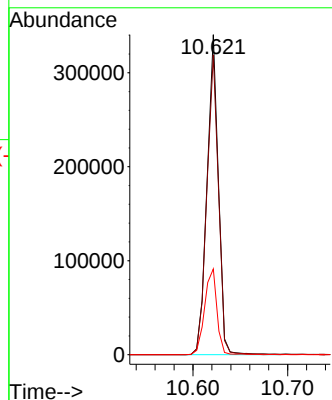
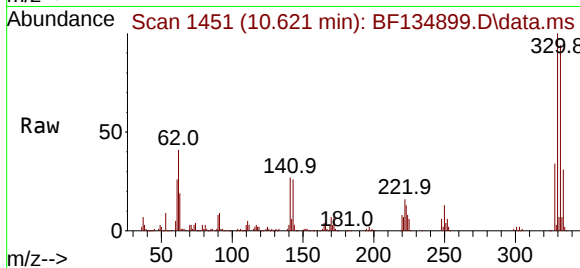
Tgt Ion:330 Resp: 283554

Ion Ratio Lower Upper

330 100

332 96.0 76.3 114.5

141 29.0 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 54.244 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF134899.D

Acq: 23 Aug 2023 12:24

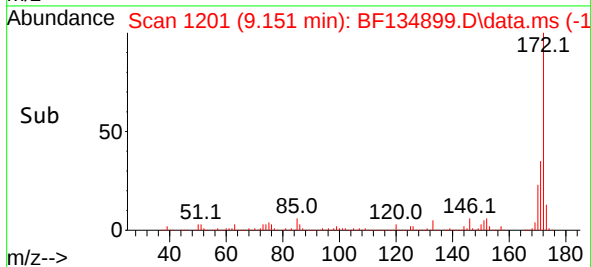
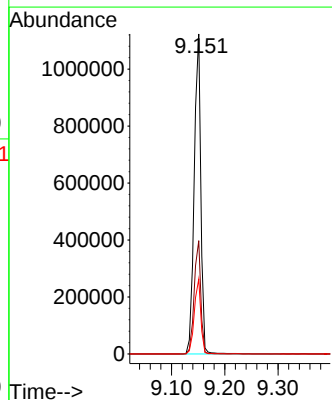
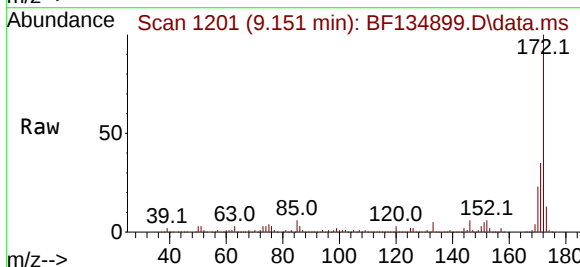
Tgt Ion:172 Resp: 971859

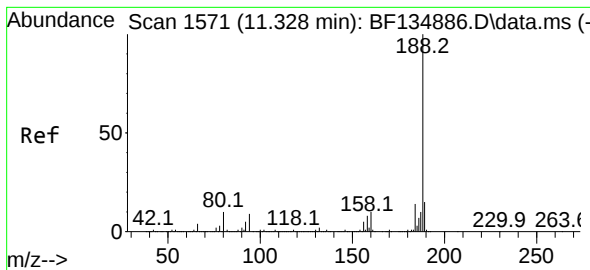
Ion Ratio Lower Upper

172 100

171 35.4 29.4 44.0

170 23.4 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134899.D

Acq: 23 Aug 2023 12:24

Instrument :

BNA_F

ClientSampleId :

TP-A

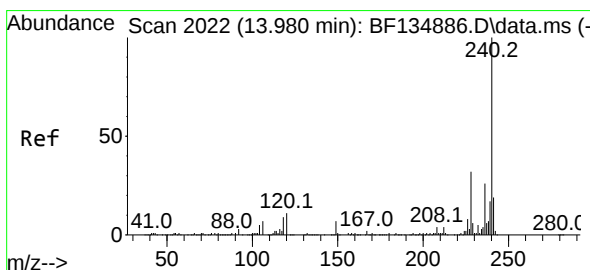
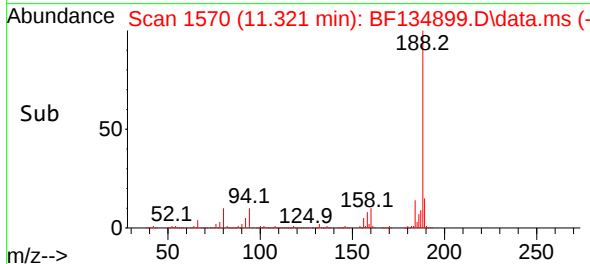
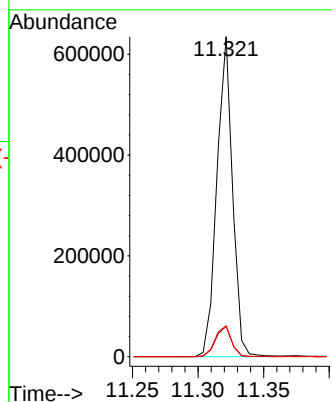
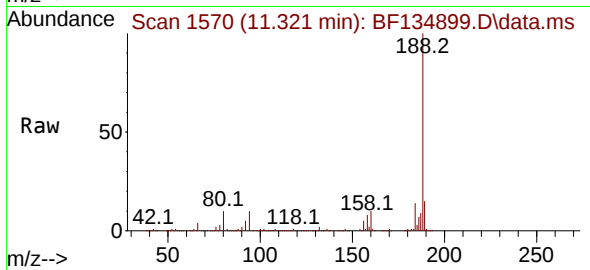
Tgt Ion:188 Resp: 524196

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

80 9.6 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: BF134899.D

Acq: 23 Aug 2023 12:24

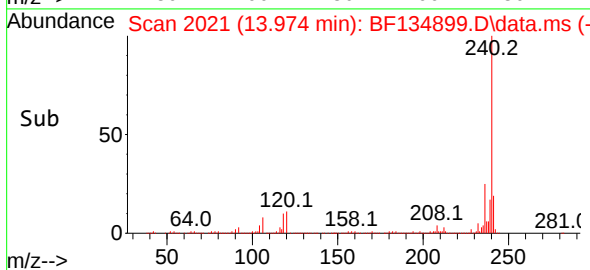
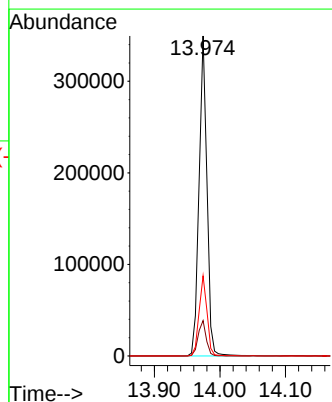
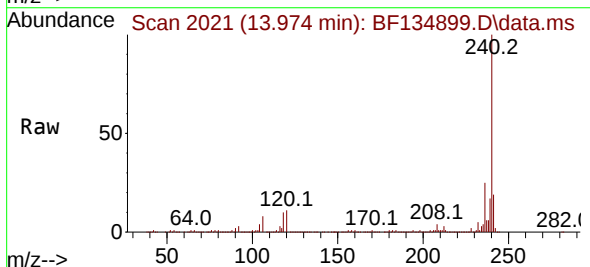
Tgt Ion:240 Resp: 294492

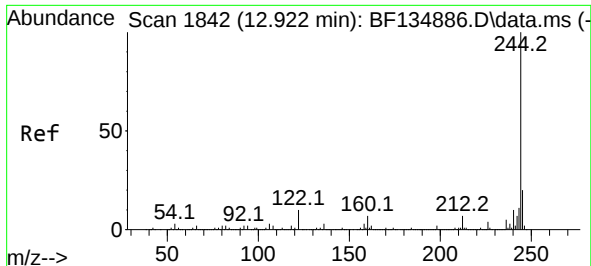
Ion Ratio Lower Upper

240 100

120 11.1 8.6 12.8

236 25.1 20.6 31.0

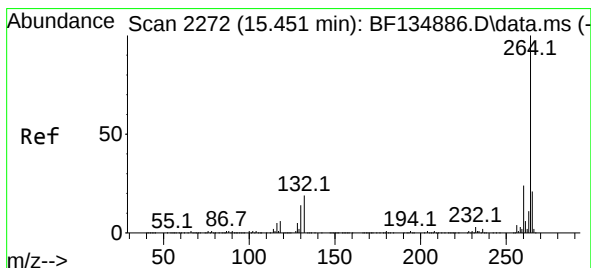
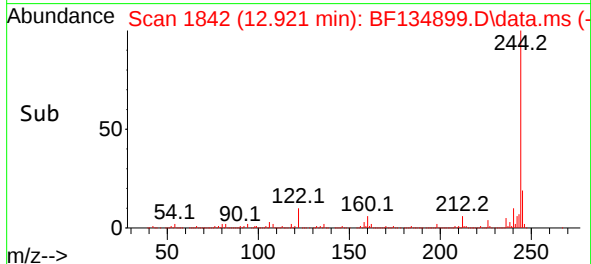
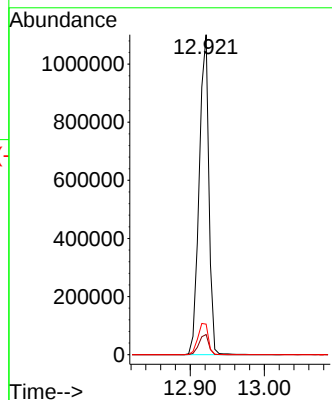
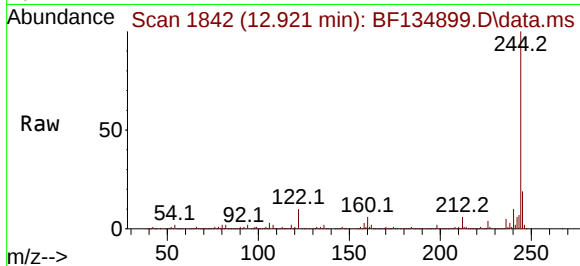




#79
 Terphenyl-d14
 Concen: 46.520 ng
 RT: 12.921 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: BF134899.D
 Acq: 23 Aug 2023 12:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-A

Tgt Ion:244 Resp: 996063
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 9.6 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.006 min
 Lab File: BF134899.D
 Acq: 23 Aug 2023 12:24

Tgt Ion:264 Resp: 315325
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 21.7 17.1 25.7

