

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
 Data File : BF134894.D
 Acq On : 23 Aug 2023 09:29
 Operator : CG\JU
 Sample : PB154969BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154969BL

Quant Time: Aug 24 04:22:20 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	155467	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	608846	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	318630	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	593471	20.000	ng	0.00
76) Chrysene-d12	13.974	240	316943	20.000	ng	0.00
86) Perylene-d12	15.445	264	318616	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1139193	116.849	ng	0.01
7) Phenol-d6	6.434	99	1420463	114.022	ng	0.00
23) Nitrobenzene-d5	7.357	82	908669	82.239	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	439787	117.193	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1637967	79.469	ng	0.00
79) Terphenyl-d14	12.921	244	1852797	80.404	ng	0.00

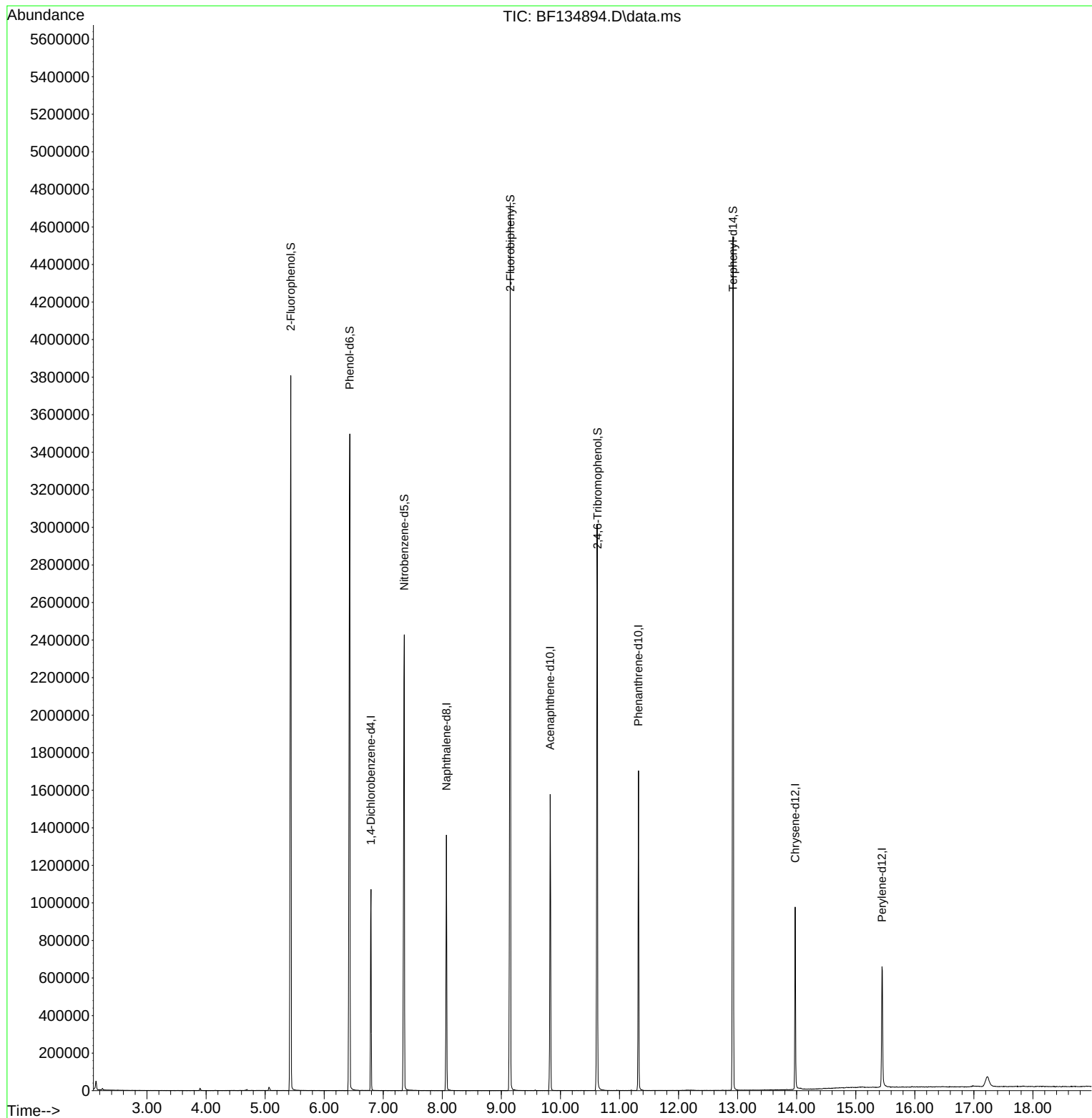
Target Compounds	Qvalue

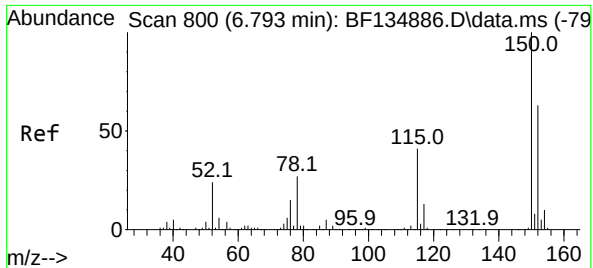
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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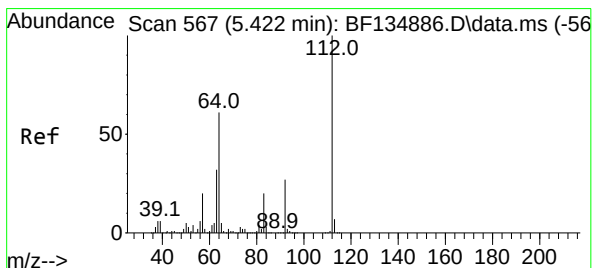
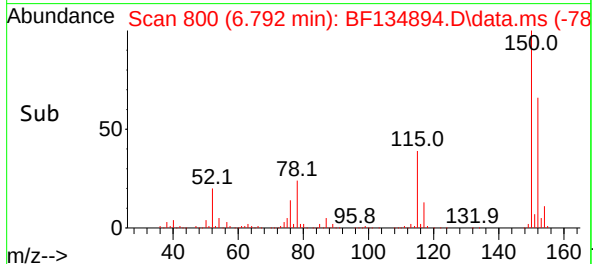
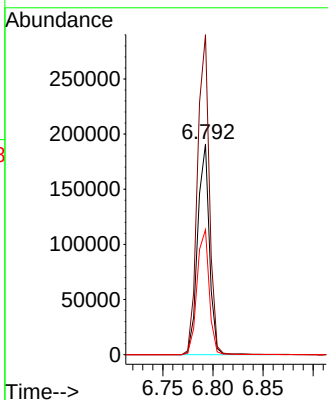
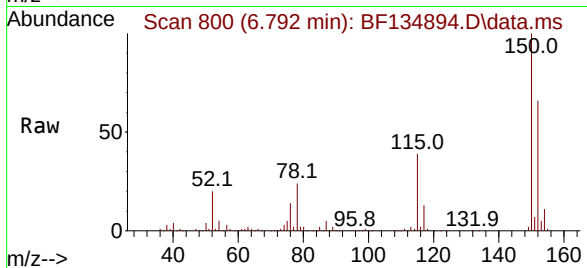




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.001 min
Lab File: BF134894.D
Acq: 23 Aug 2023 09:29

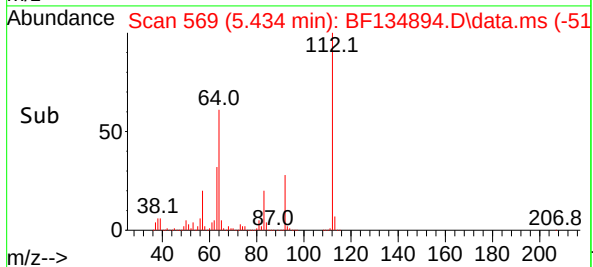
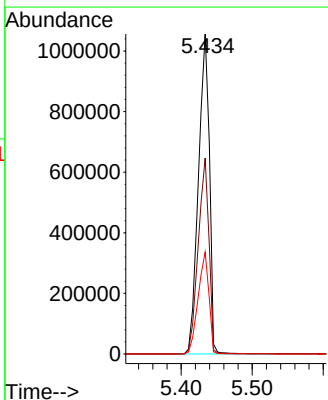
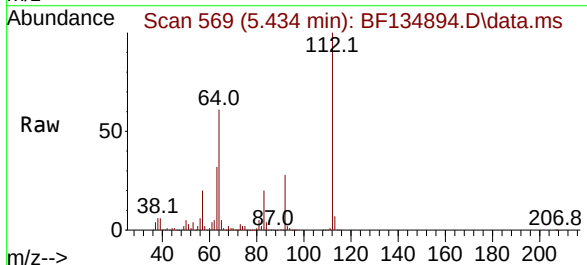
Instrument :
BNA_F
ClientSampleId :
PB154969BL

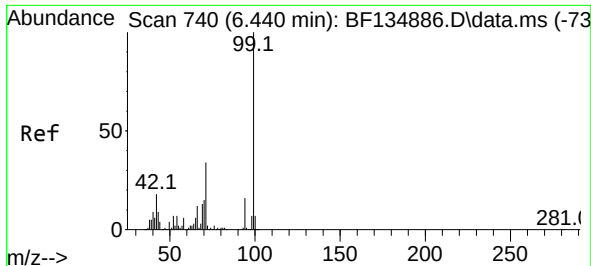
Tgt Ion:152 Resp: 155467
Ion Ratio Lower Upper
152 100
150 151.9 126.1 189.1
115 59.3 51.1 76.7



#5
2-Fluorophenol
Concen: 116.849 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF134894.D
Acq: 23 Aug 2023 09:29

Tgt Ion:112 Resp: 1139193
Ion Ratio Lower Upper
112 100
64 61.2 48.6 73.0
63 31.8 25.7 38.5

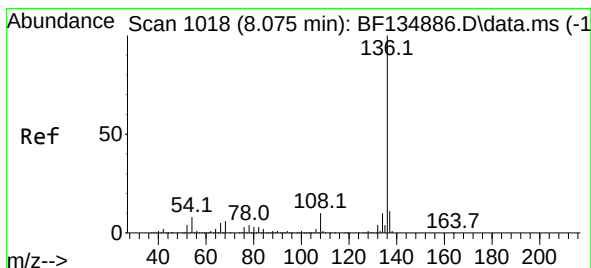
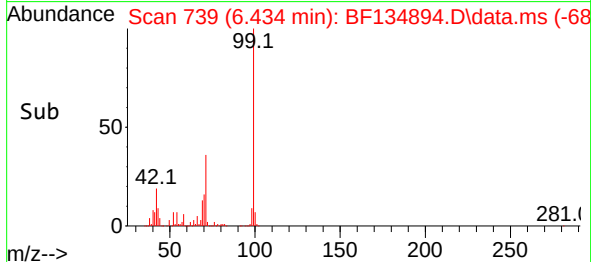
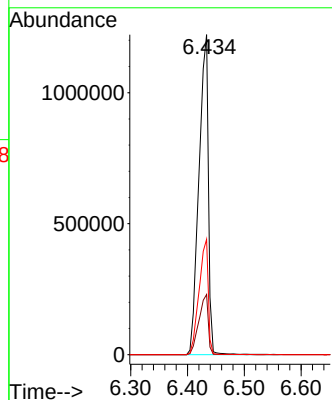
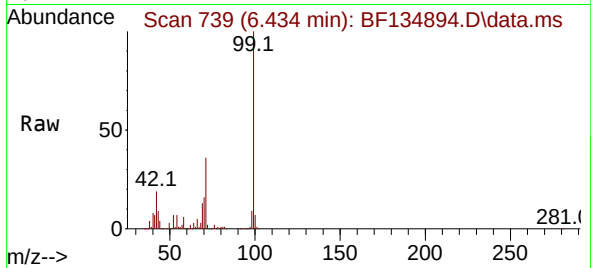




#7
Phenol-d6
Concen: 114.022 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134894.D
Acq: 23 Aug 2023 09:29

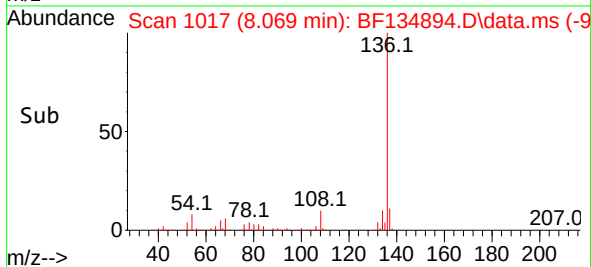
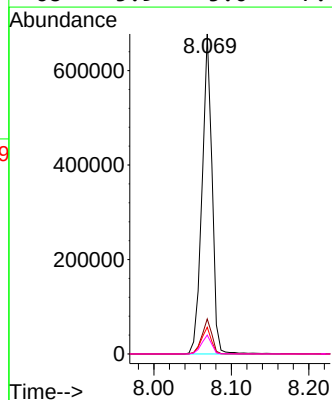
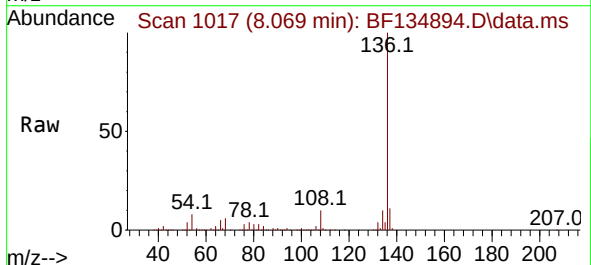
Instrument :
BNA_F
ClientSampleId :
PB154969BL

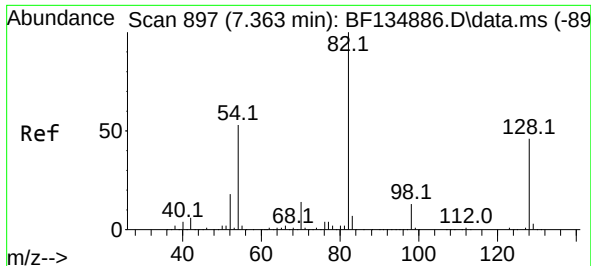
Tgt Ion: 99 Resp: 1420463
Ion Ratio Lower Upper
99 100
42 18.8 14.6 22.0
71 36.1 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134894.D
Acq: 23 Aug 2023 09:29

Tgt Ion: 136 Resp: 608846
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.3 6.6 9.8
68 5.9 5.0 7.4

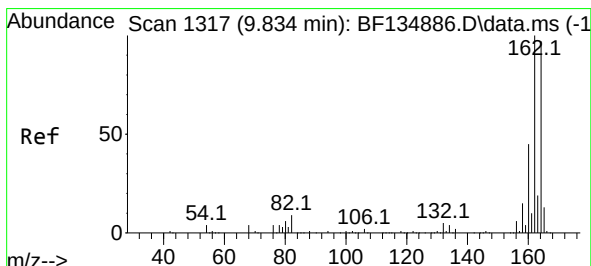
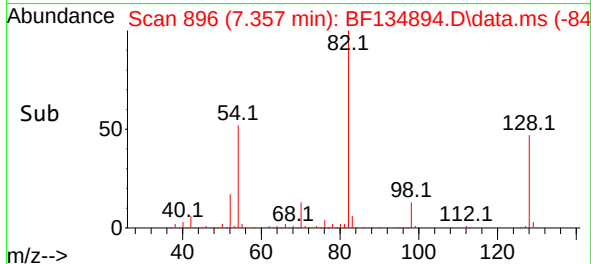
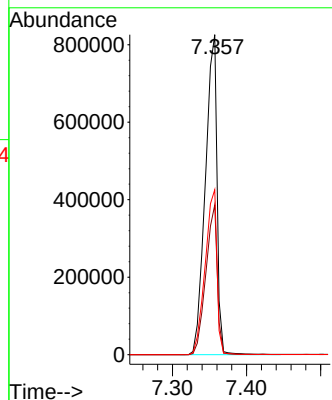
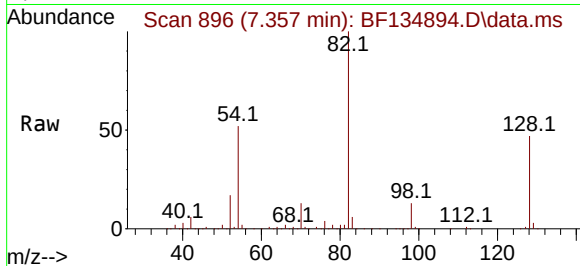




#23
Nitrobenzene-d5
Concen: 82.239 ng
RT: 7.357 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF134894.D
Acq: 23 Aug 2023 09:29

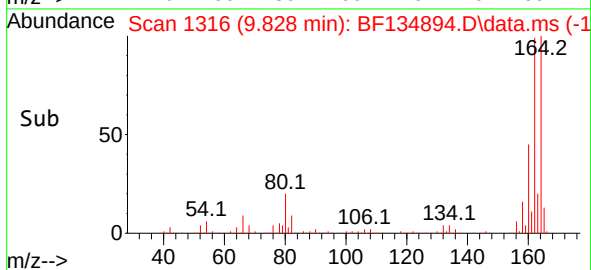
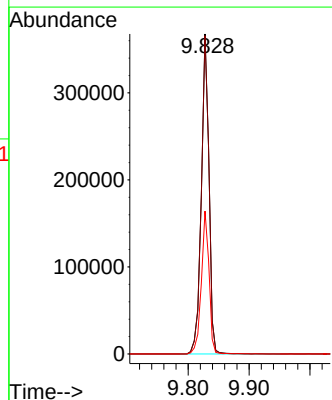
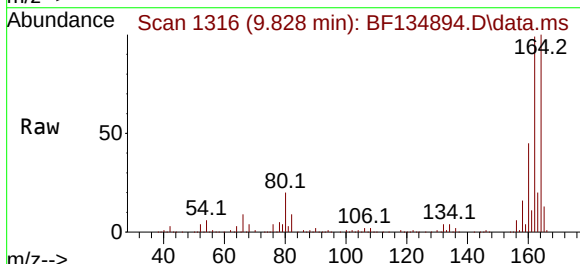
Instrument :
BNA_F
ClientSampleId :
PB154969BL

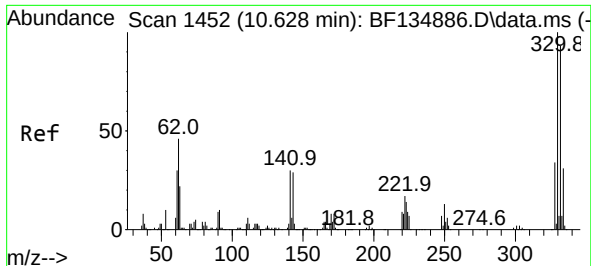
Tgt Ion: 82 Resp: 908669
Ion Ratio Lower Upper
82 100
128 46.8 36.6 54.8
54 51.6 42.6 63.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134894.D
Acq: 23 Aug 2023 09:29

Tgt Ion:164 Resp: 318630
Ion Ratio Lower Upper
164 100
162 99.5 82.6 123.8
160 44.7 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 117.193 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.000 min

Lab File: BF134894.D

Acq: 23 Aug 2023 09:29

Instrument :

BNA_F

ClientSampleId :

PB154969BL

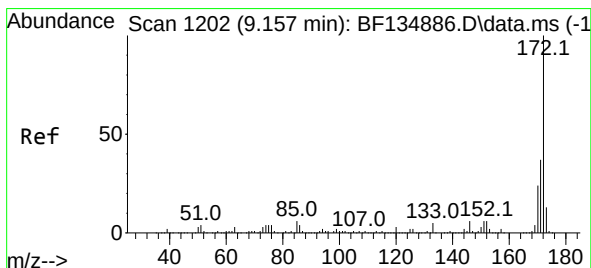
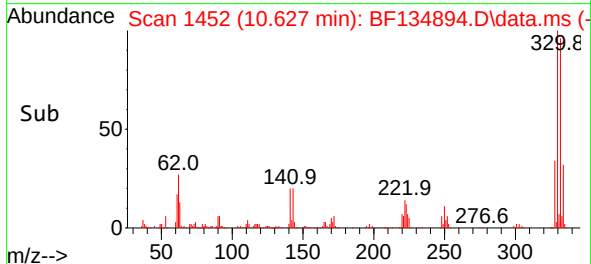
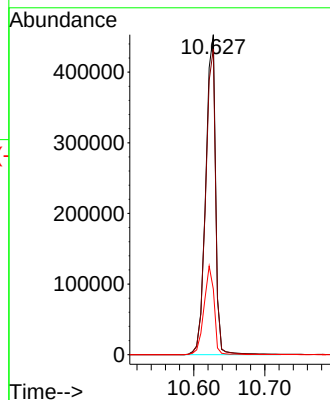
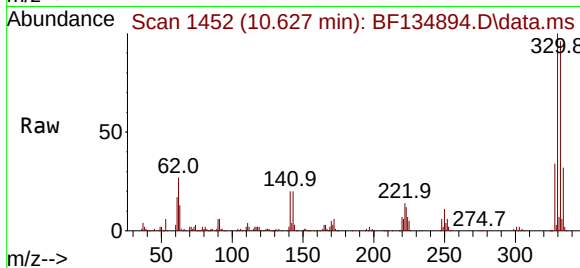
Tgt Ion:330 Resp: 439787

Ion Ratio Lower Upper

330 100

332 96.4 76.3 114.5

141 28.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 79.469 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF134894.D

Acq: 23 Aug 2023 09:29

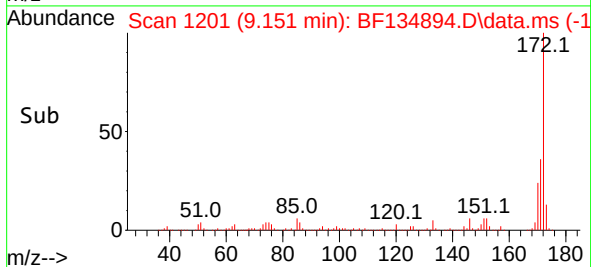
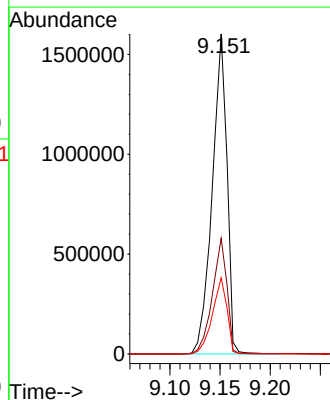
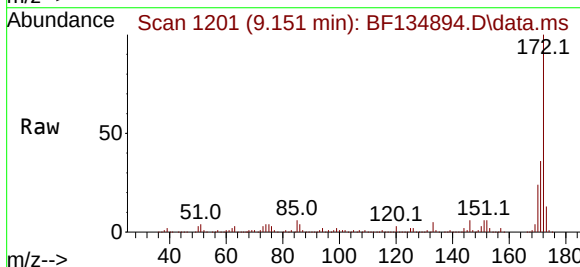
Tgt Ion:172 Resp: 1637967

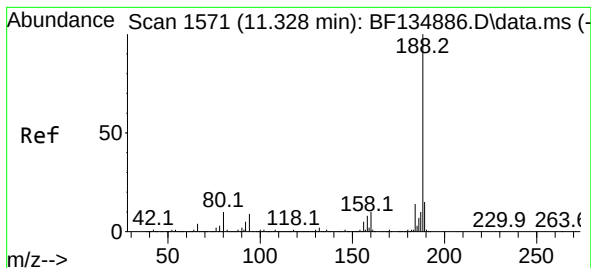
Ion Ratio Lower Upper

172 100

171 36.2 29.4 44.0

170 23.8 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134894.D

Acq: 23 Aug 2023 09:29

Instrument :

BNA_F

ClientSampleId :

PB154969BL

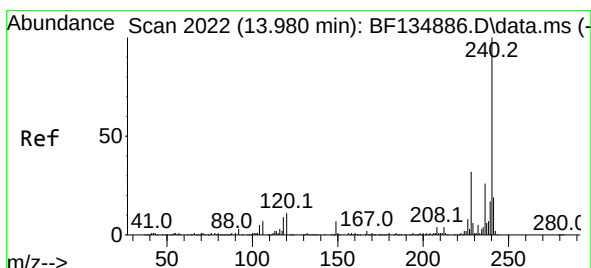
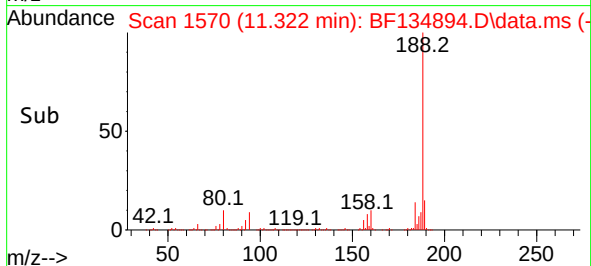
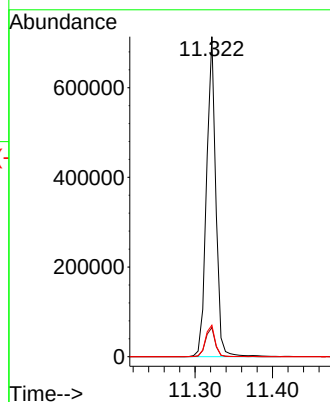
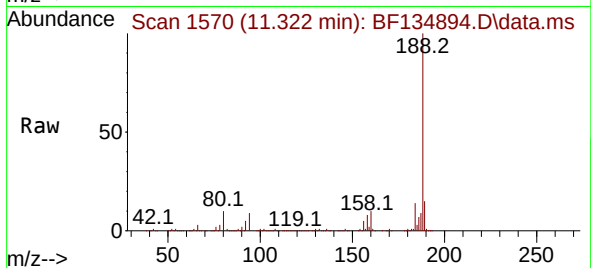
Tgt Ion:188 Resp: 593471

Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

80 9.9 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: BF134894.D

Acq: 23 Aug 2023 09:29

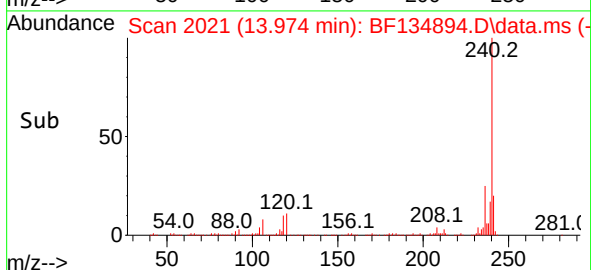
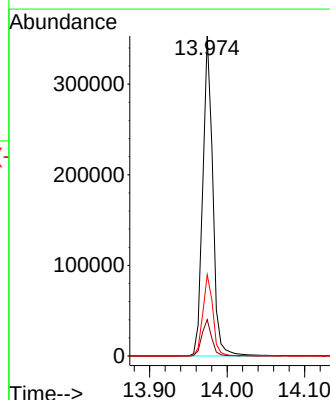
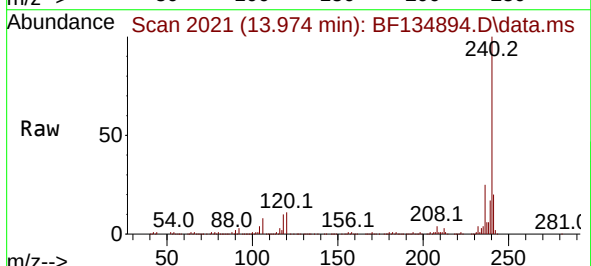
Tgt Ion:240 Resp: 316943

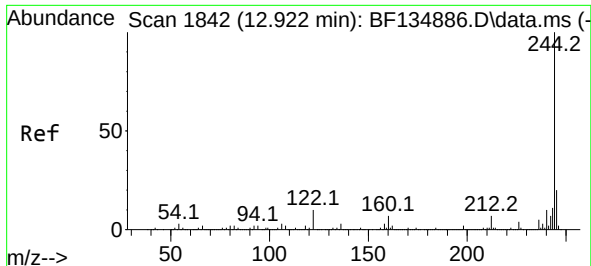
Ion Ratio Lower Upper

240 100

120 11.3 8.6 12.8

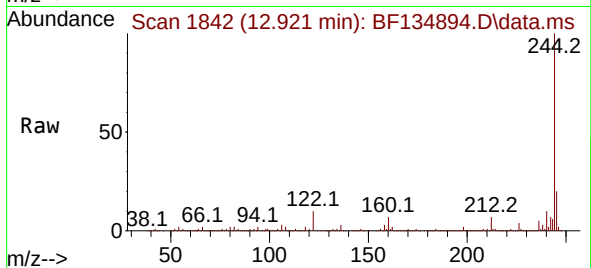
236 25.4 20.6 31.0



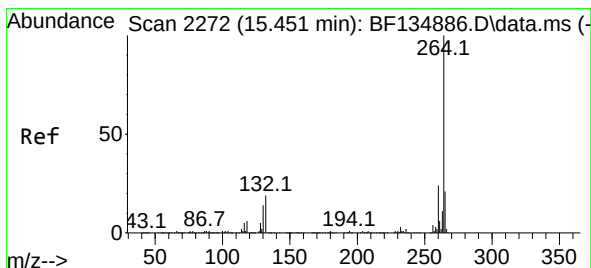
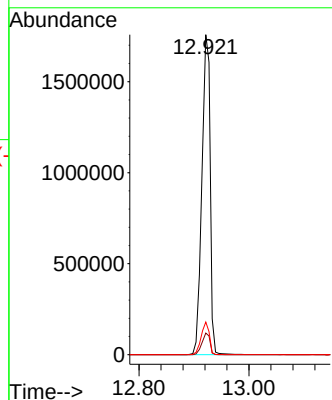
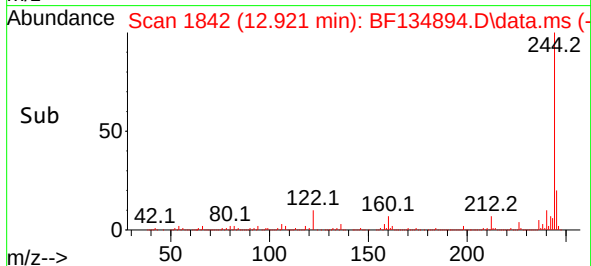


#79
 Terphenyl-d14
 Concen: 80.404 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.001 min
 Lab File: BF134894.D
 Acq: 23 Aug 2023 09:29

Instrument :
 BNA_F
 ClientSampleId :
 PB154969BL



Tgt Ion:244 Resp: 1852797
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.2 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: BF134894.D
 Acq: 23 Aug 2023 09:29

Tgt Ion:264 Resp: 318616
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 21.6 17.1 25.7

