

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134106.D
 Acq On : 06 Jul 2023 20:05
 Operator : CG\JU
 Sample : 03487-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BERGEN-COMP

Quant Time: Jul 07 01:32:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	89063	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	350136	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	175131	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	345595	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	239672	20.000	ng	-0.02
86) Perylene-d12	15.539	264	198931	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	635478	119.355	ng	0.00
7) Phenol-d6	6.481	99	769723	117.554	ng	-0.01
23) Nitrobenzene-d5	7.410	82	512811	78.950	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	259751	118.295	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	941515	78.162	ng	0.00
79) Terphenyl-d14	12.974	244	1041853	69.961	ng	-0.01

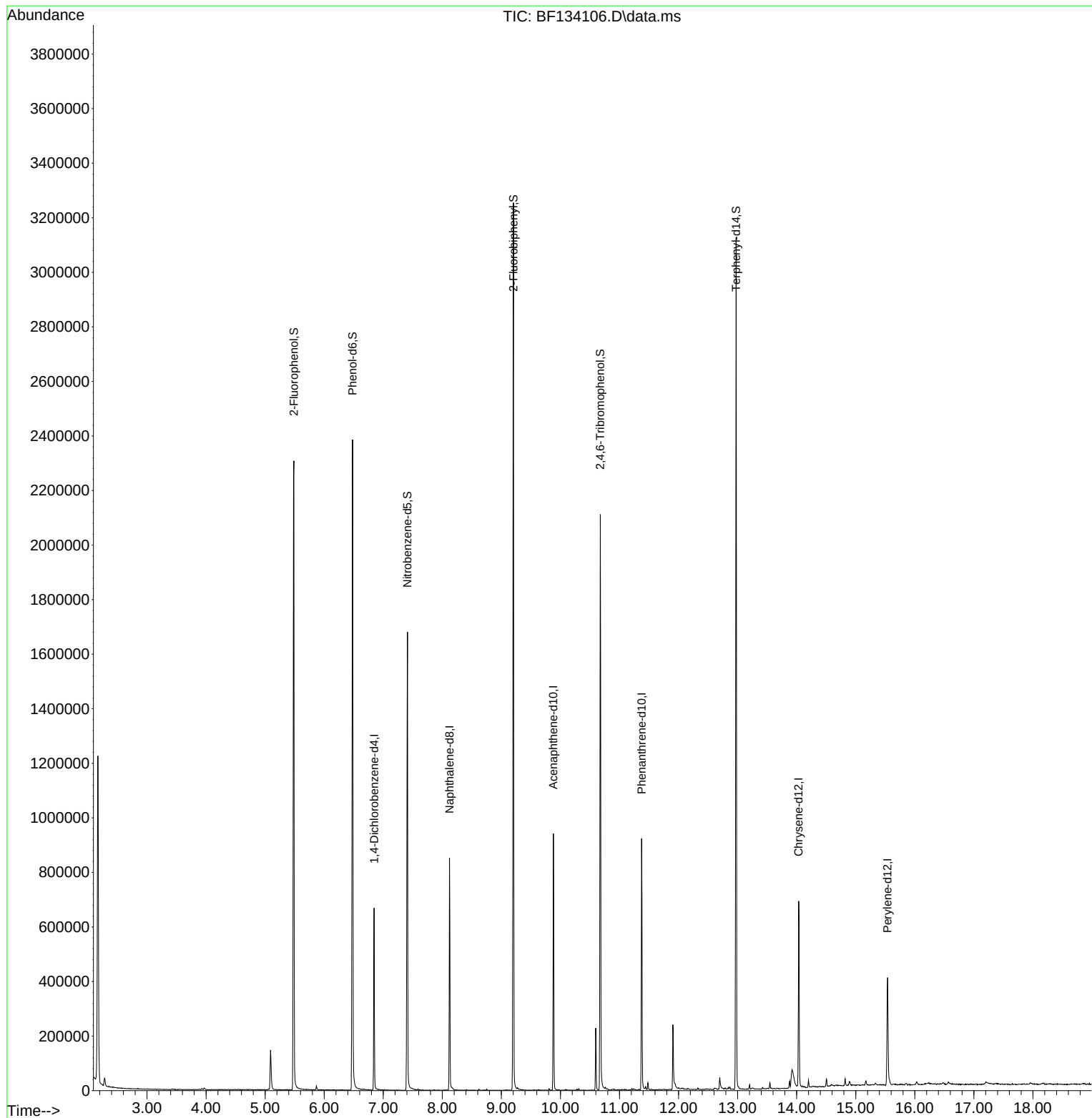
Target Compounds	Qvalue

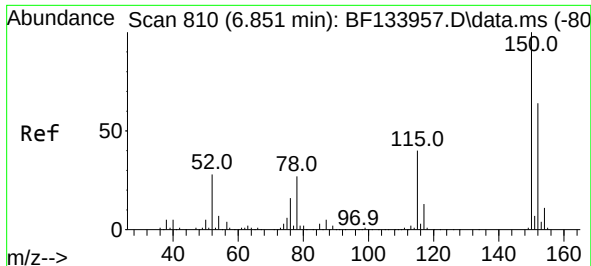
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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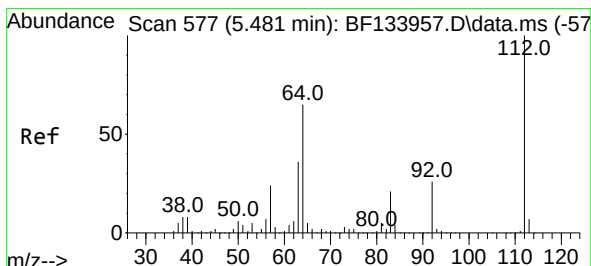
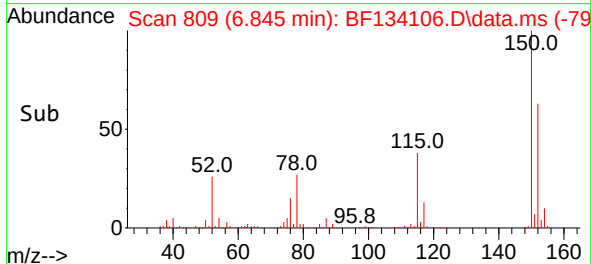
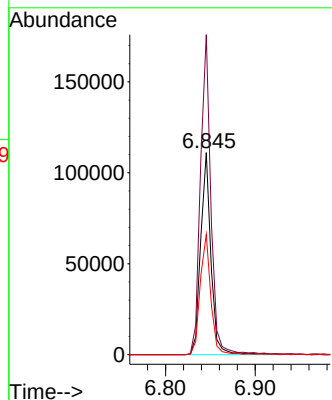
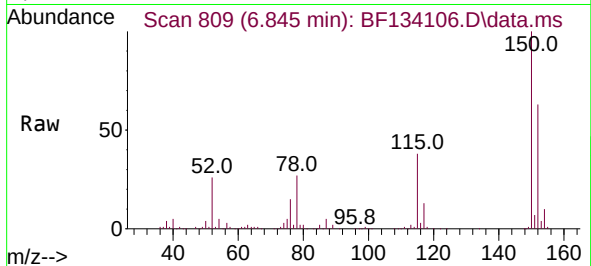




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134106.D
Acq: 06 Jul 2023 20:05

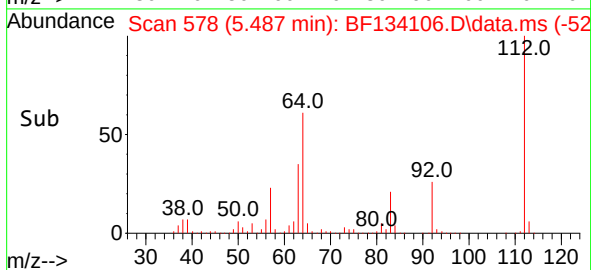
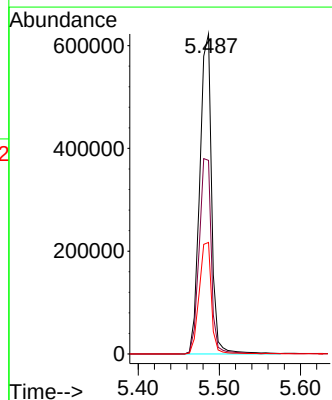
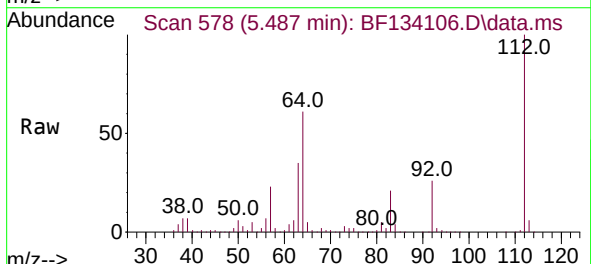
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMP

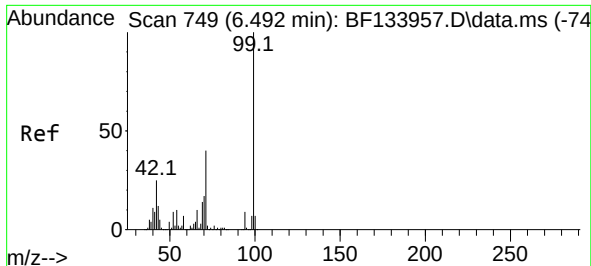
Tgt Ion:152 Resp: 89063
Ion Ratio Lower Upper
152 100
150 158.3 124.5 186.7
115 59.6 50.2 75.2



#5
2-Fluorophenol
Concen: 119.355 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF134106.D
Acq: 06 Jul 2023 20:05

Tgt Ion:112 Resp: 635478
Ion Ratio Lower Upper
112 100
64 60.5 52.1 78.1
63 34.9 28.6 42.8

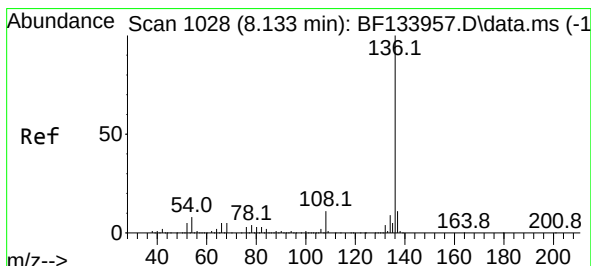
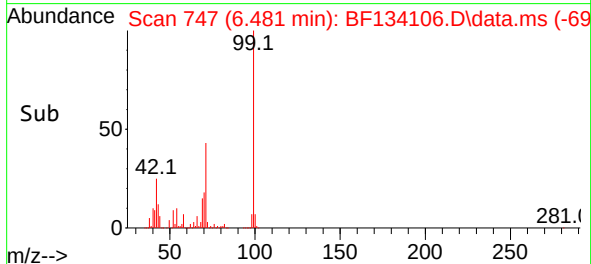
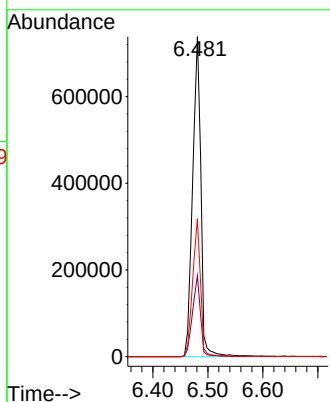
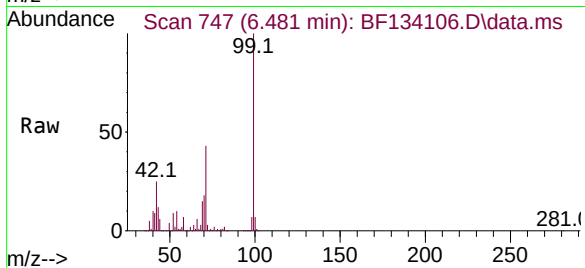




#7
Phenol-d6
Concen: 117.554 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF134106.D
Acq: 06 Jul 2023 20:05

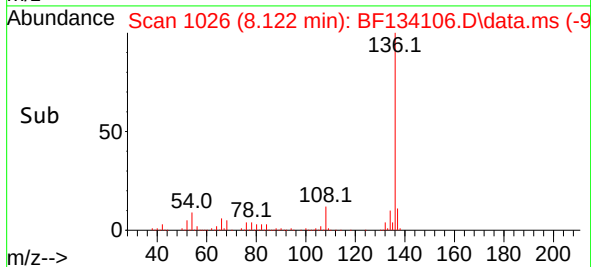
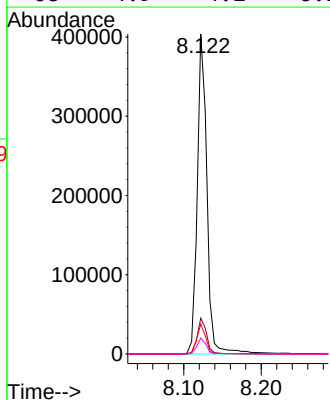
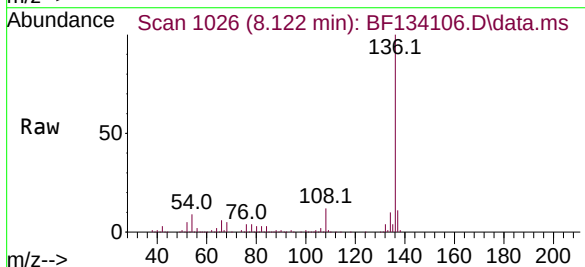
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMP

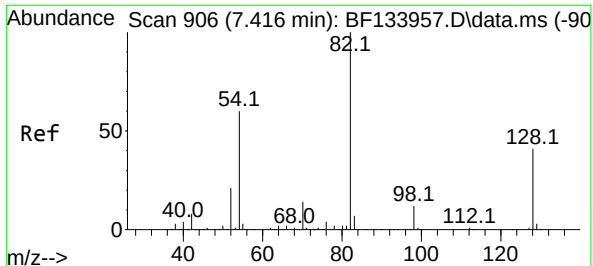
Tgt Ion: 99 Resp: 769723
Ion Ratio Lower Upper
99 100
42 25.3 19.8 29.6
71 43.1 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134106.D
Acq: 06 Jul 2023 20:05

Tgt Ion: 136 Resp: 350136
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 9.3 6.5 9.7
68 4.9 4.2 6.2





#23

Nitrobenzene-d5

Concen: 78.950 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134106.D

Acq: 06 Jul 2023 20:05

Instrument :

BNA_F

ClientSampleId :

BERGEN-COMP

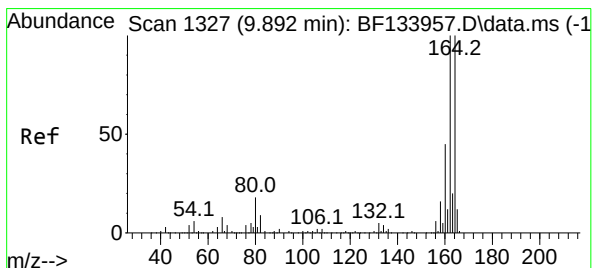
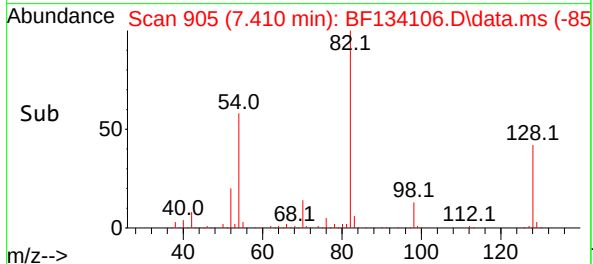
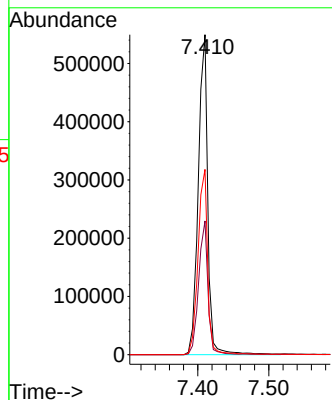
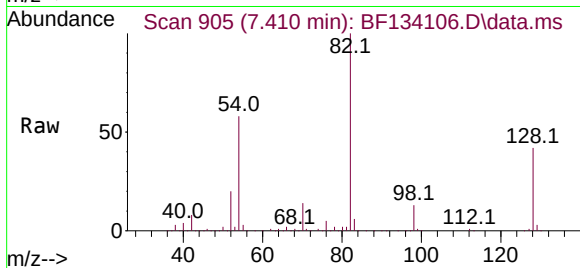
Tgt Ion: 82 Resp: 512811

Ion Ratio Lower Upper

82 100

128 41.8 32.5 48.7

54 57.9 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1325

Delta R.T. -0.012 min

Lab File: BF134106.D

Acq: 06 Jul 2023 20:05

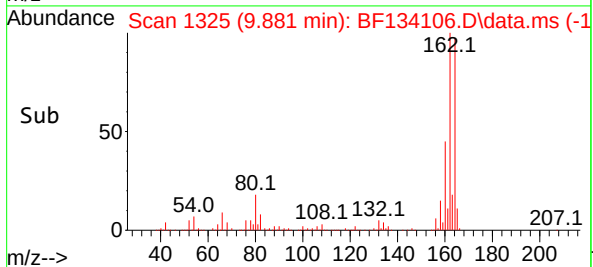
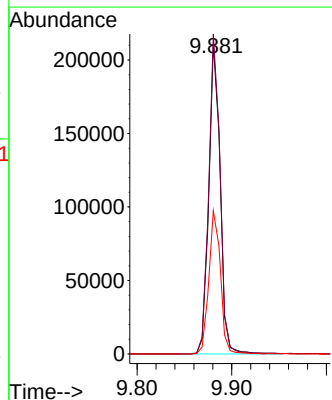
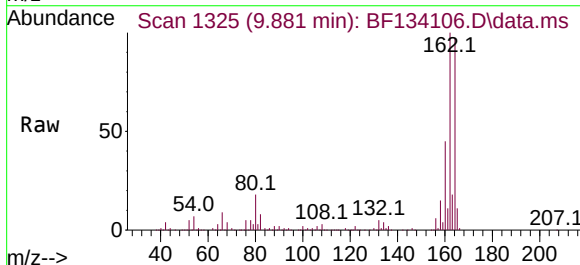
Tgt Ion:164 Resp: 175131

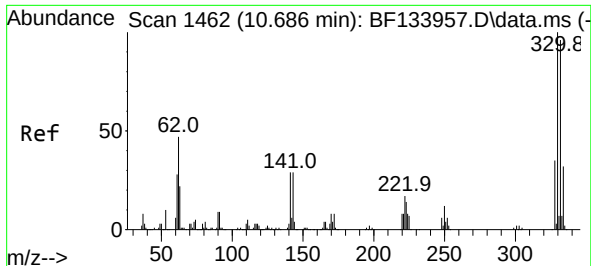
Ion Ratio Lower Upper

164 100

162 103.2 80.0 120.0

160 46.2 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 118.295 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.012 min

Lab File: BF134106.D

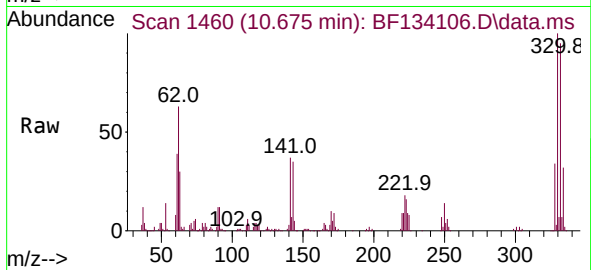
Acq: 06 Jul 2023 20:05

Instrument :

BNA_F

ClientSampleId :

BERGEN-COMP



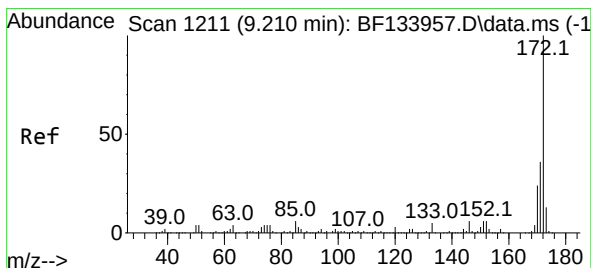
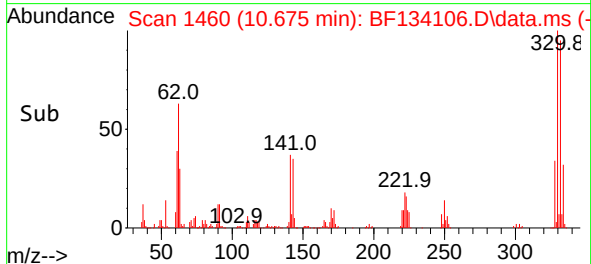
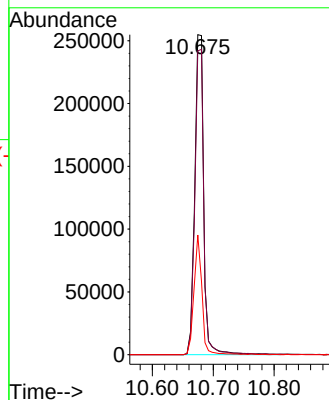
Tgt Ion:330 Resp: 259751

Ion Ratio Lower Upper

330 100

332 94.8 77.0 115.6

141 33.1 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 78.162 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134106.D

Acq: 06 Jul 2023 20:05

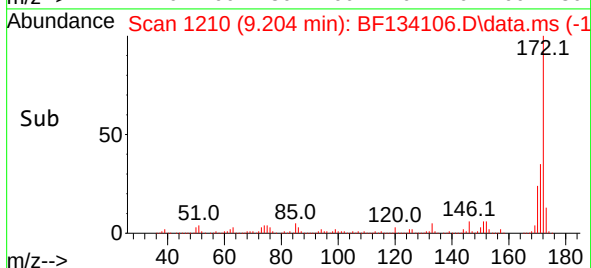
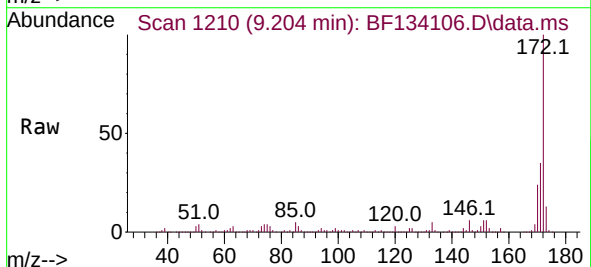
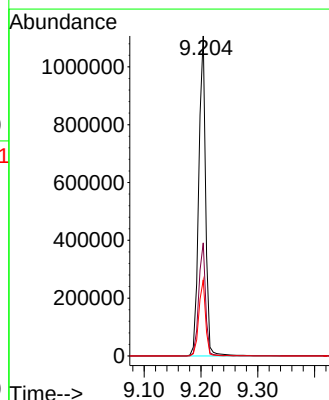
Tgt Ion:172 Resp: 941515

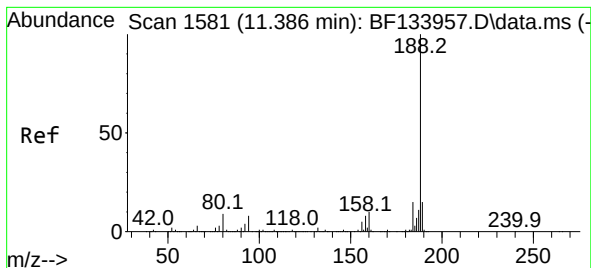
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.7 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134106.D

Acq: 06 Jul 2023 20:05

Instrument :

BNA_F

ClientSampleId :

BERGEN-COMP

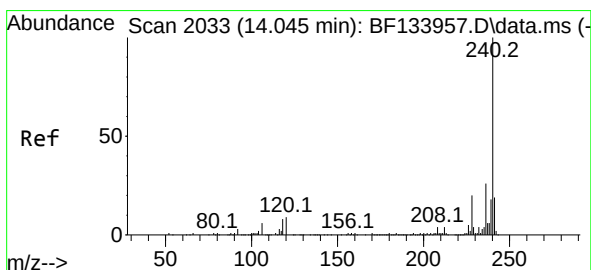
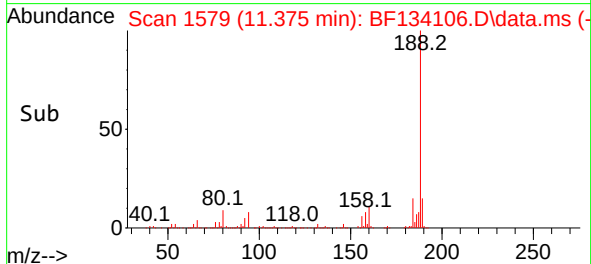
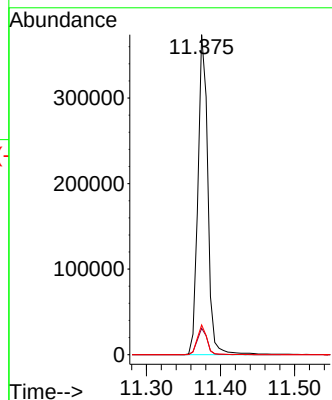
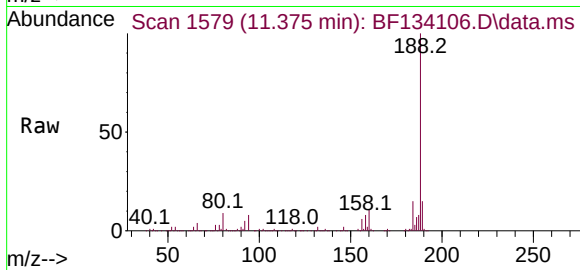
Tgt Ion:188 Resp: 345595

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 9.3 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.018 min

Lab File: BF134106.D

Acq: 06 Jul 2023 20:05

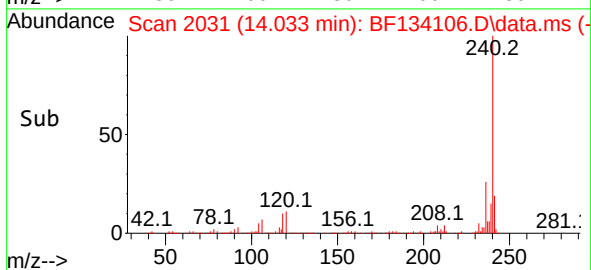
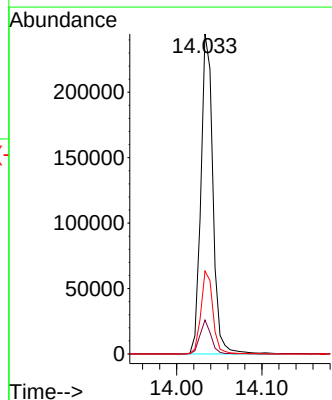
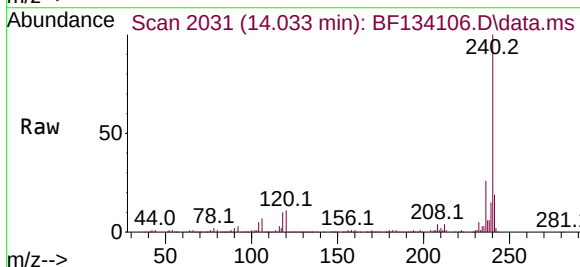
Tgt Ion:240 Resp: 239672

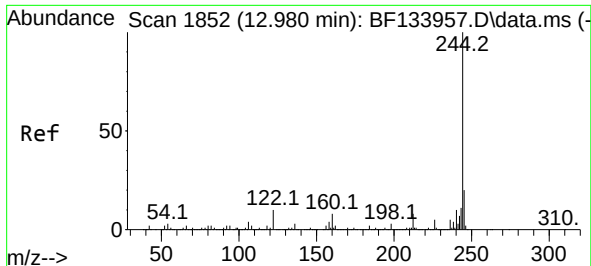
Ion Ratio Lower Upper

240 100

120 10.6 7.4 11.0

236 25.9 21.0 31.6

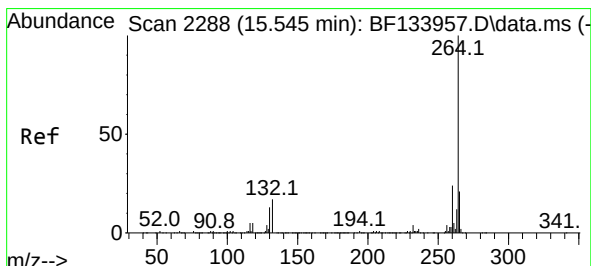
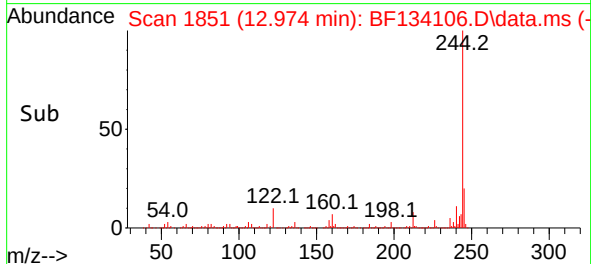
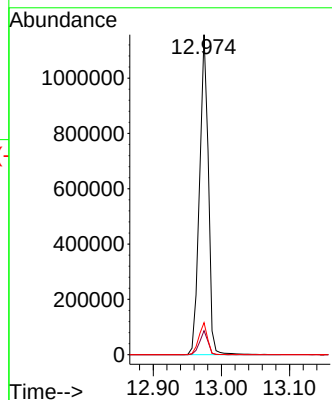
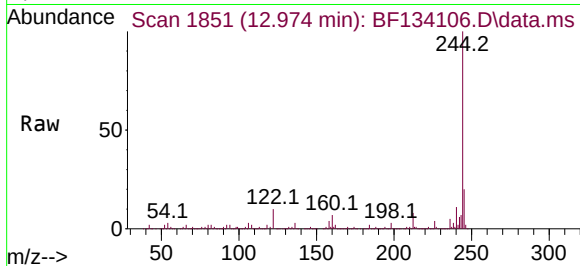




#79
 Terphenyl-d14
 Concen: 69.961 ng
 RT: 12.974 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF134106.D
 Acq: 06 Jul 2023 20:05

Instrument :
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Tgt Ion:244 Resp: 1041853
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 10.0 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF134106.D
 Acq: 06 Jul 2023 20:05

Tgt Ion:264 Resp: 198931
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.5 29.3
 265 20.1 16.6 25.0

