

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
 Data File : BF133972.D
 Acq On : 27 Jun 2023 04:12
 Operator : CG\JU
 Sample : 03365-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-2

Quant Time: Jun 27 06:03:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	118480	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	348409	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	148449	20.000	ng	0.00
64) Phenanthrene-d10	11.381	188	333481	20.000	ng	0.00
76) Chrysene-d12	14.045	240	201513	20.000	ng	0.00
86) Perylene-d12	15.551	264	164524	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	484304	68.377	ng	0.00
7) Phenol-d6	6.487	99	576076	66.136	ng	0.00
23) Nitrobenzene-d5	7.410	82	351461	54.378	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	109921	59.058	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	597987	58.566	ng	0.00
79) Terphenyl-d14	12.980	244	810977	64.770	ng	0.00

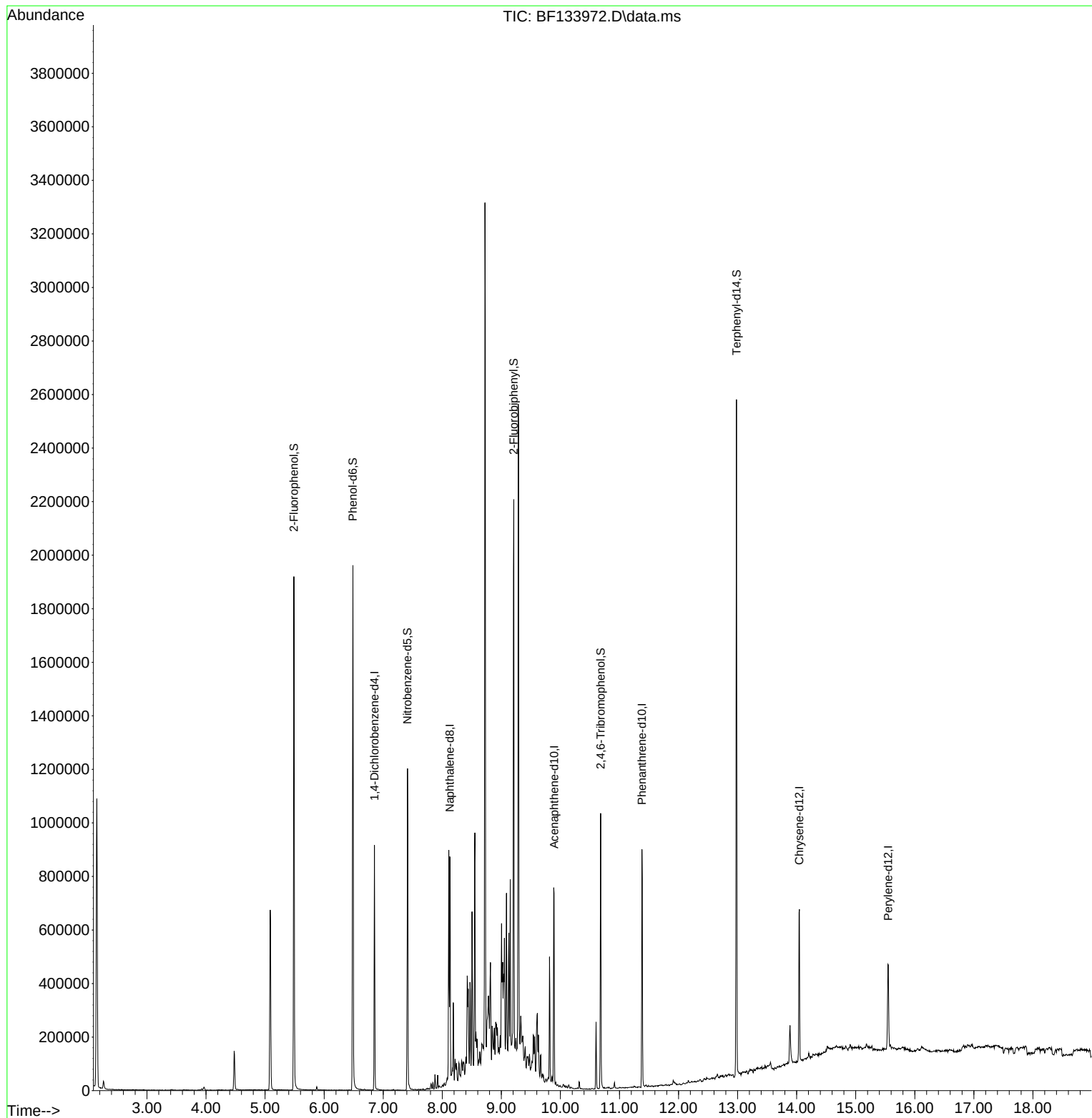
Target Compounds	Qvalue

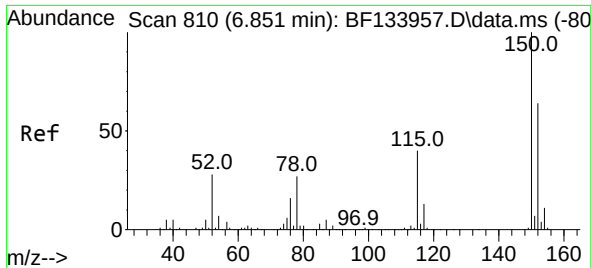
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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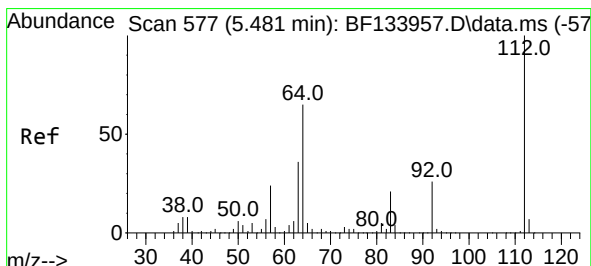
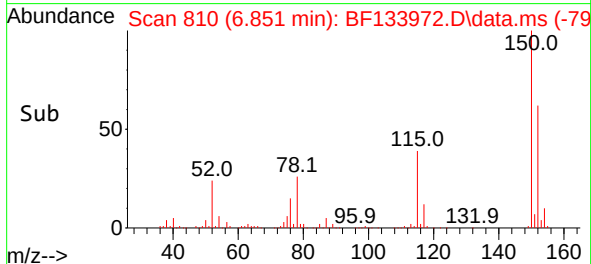
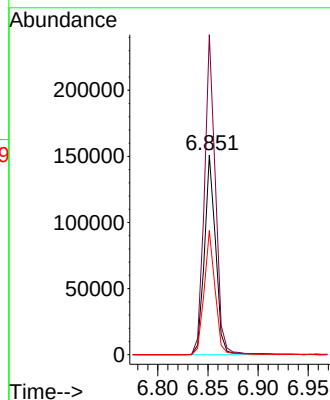
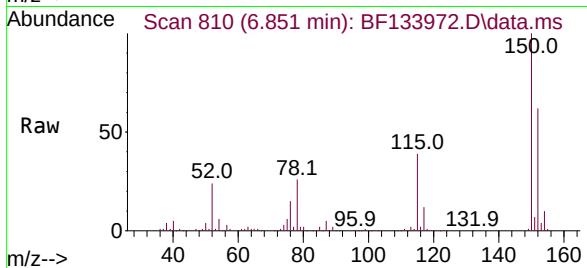




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133972.D
Acq: 27 Jun 2023 04:12

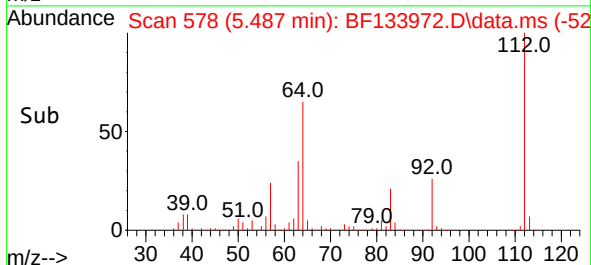
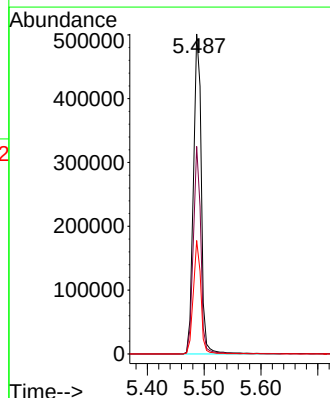
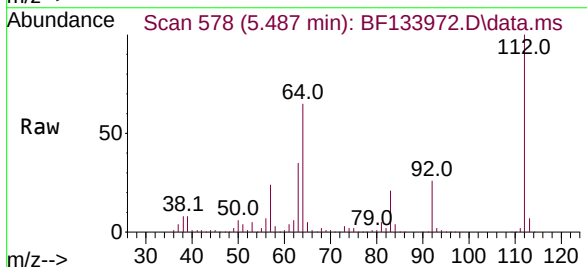
Instrument :
BNA_F
ClientSampleId :
CONC-2

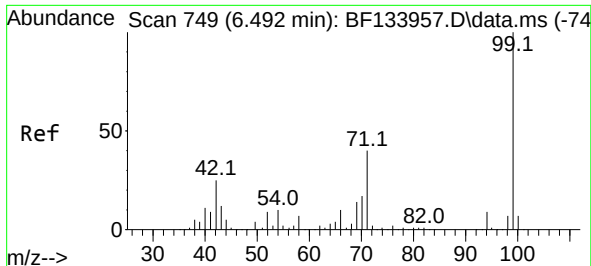
Tgt Ion:152 Resp: 118480
Ion Ratio Lower Upper
152 100
150 160.2 124.5 186.7
115 62.2 50.2 75.2



#5
2-Fluorophenol
Concen: 68.377 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF133972.D
Acq: 27 Jun 2023 04:12

Tgt Ion:112 Resp: 484304
Ion Ratio Lower Upper
112 100
64 64.8 52.1 78.1
63 35.4 28.6 42.8

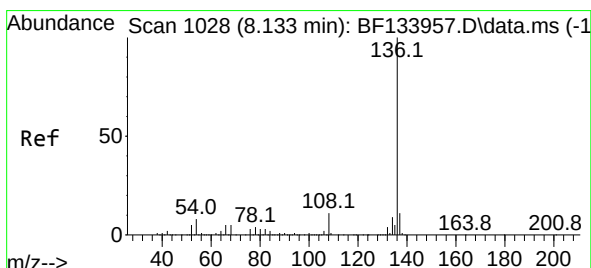
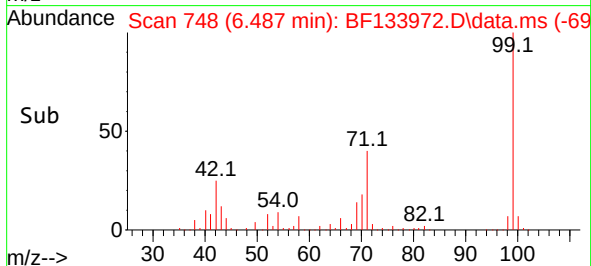
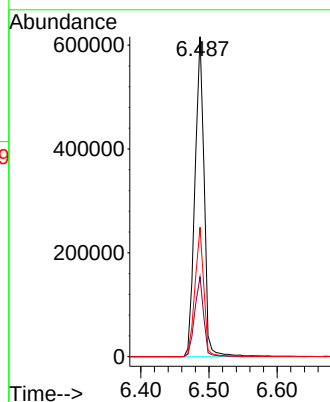
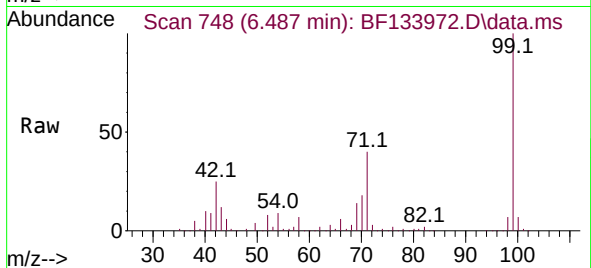




#7
Phenol-d6
Concen: 66.136 ng
RT: 6.487 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133972.D
Acq: 27 Jun 2023 04:12

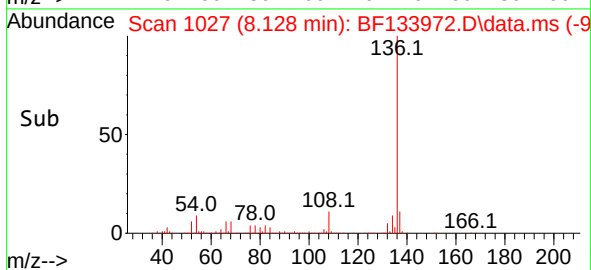
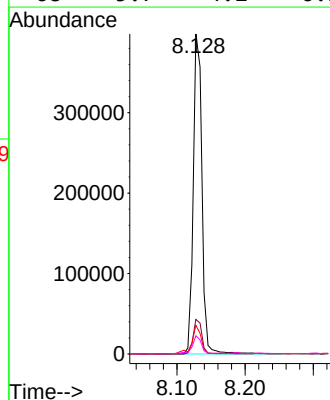
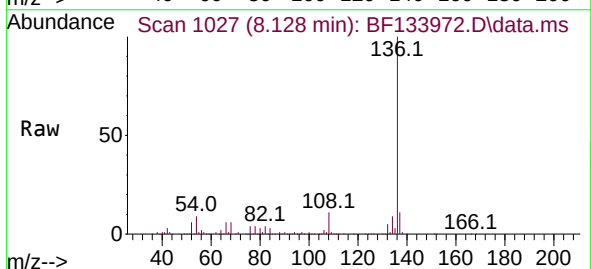
Instrument :
BNA_F
ClientSampleId :
CONC-2

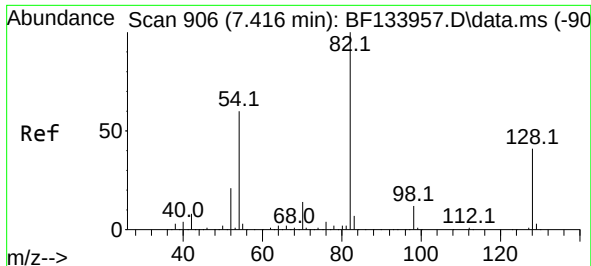
Tgt Ion: 99 Resp: 576076
Ion Ratio Lower Upper
99 100
42 25.0 19.8 29.6
71 40.4 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF133972.D
Acq: 27 Jun 2023 04:12

Tgt Ion: 136 Resp: 348409
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.9 6.5 9.7
68 5.7 4.2 6.2

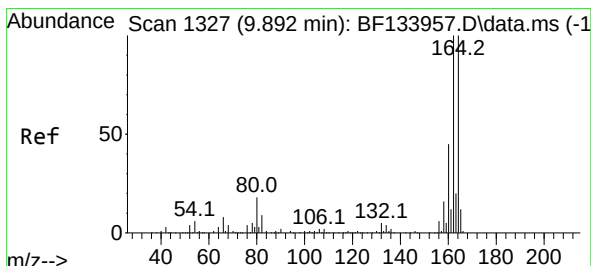
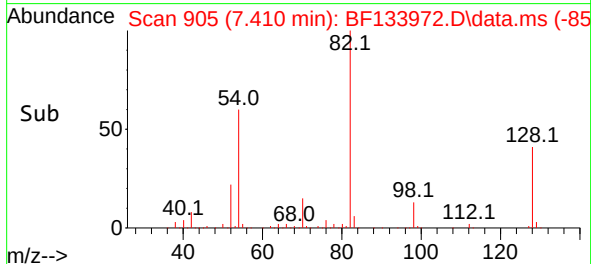
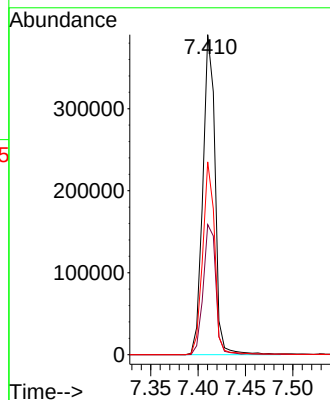
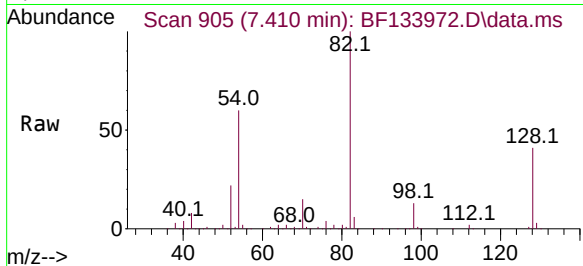




#23
 Nitrobenzene-d5
 Concen: 54.378 ng
 RT: 7.410 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: BF133972.D
 Acq: 27 Jun 2023 04:12

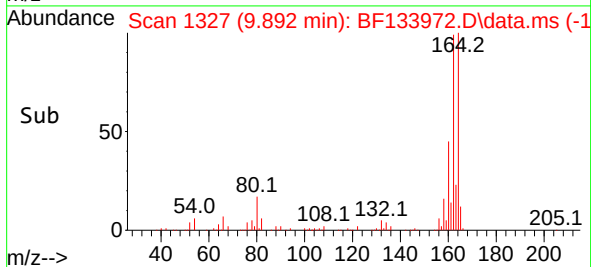
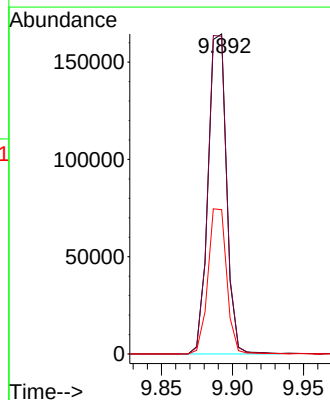
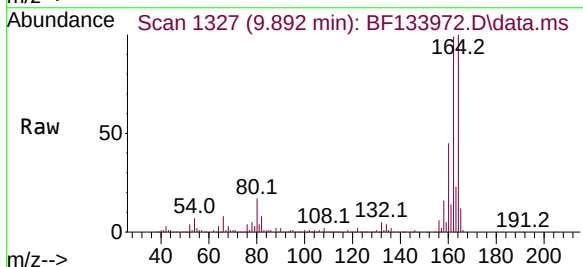
Instrument :
 BNA_F
 ClientSampleId :
 CONC-2

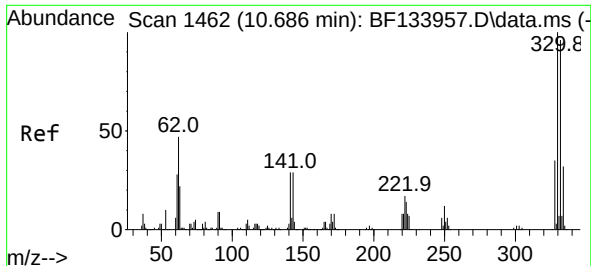
Tgt Ion: 82 Resp: 351461
 Ion Ratio Lower Upper
 82 100
 128 40.6 32.5 48.7
 54 60.2 48.2 72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.892 min Scan# 1327
 Delta R.T. 0.000 min
 Lab File: BF133972.D
 Acq: 27 Jun 2023 04:12

Tgt Ion:164 Resp: 148449
 Ion Ratio Lower Upper
 164 100
 162 99.3 80.0 120.0
 160 45.1 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 59.058 ng

RT: 10.681 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF133972.D

Acq: 27 Jun 2023 04:12

Instrument :

BNA_F

ClientSampleId :

CONC-2

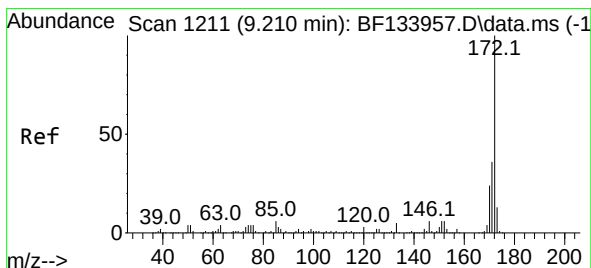
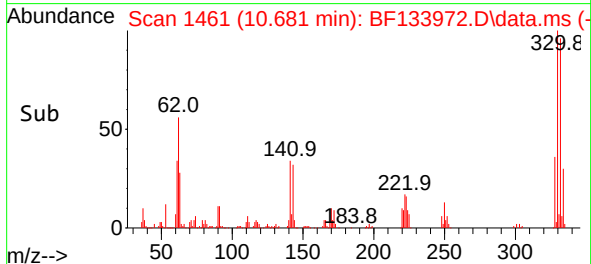
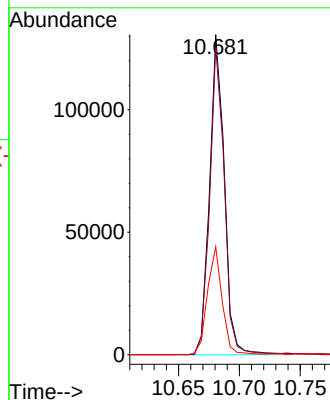
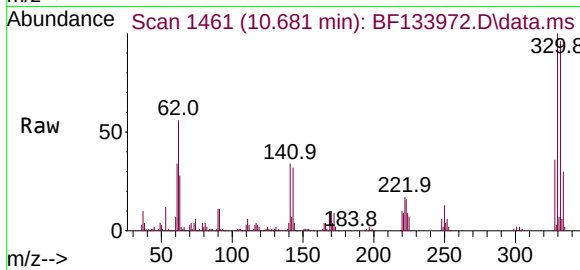
Tgt Ion:330 Resp: 109921

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

141 33.9 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 58.566 ng

RT: 9.210 min Scan# 1211

Delta R.T. 0.000 min

Lab File: BF133972.D

Acq: 27 Jun 2023 04:12

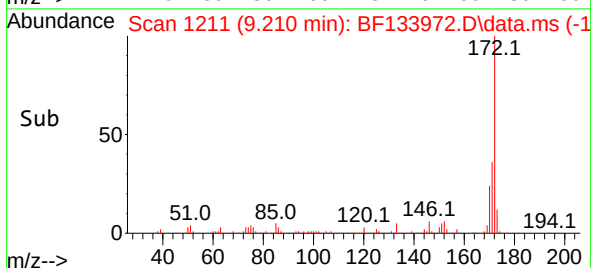
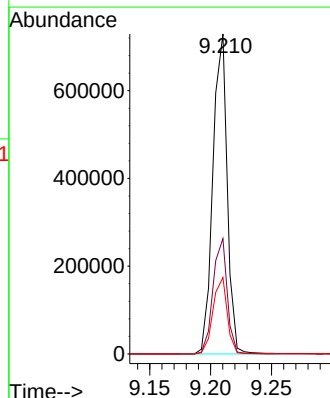
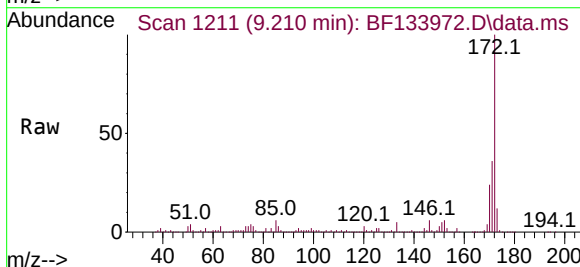
Tgt Ion:172 Resp: 597987

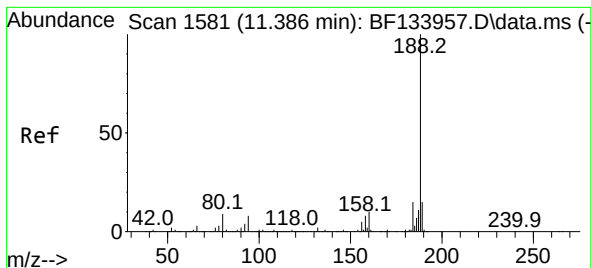
Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 23.9 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.381 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133972.D

Acq: 27 Jun 2023 04:12

Instrument :

BNA_F

ClientSampleId :

CONC-2

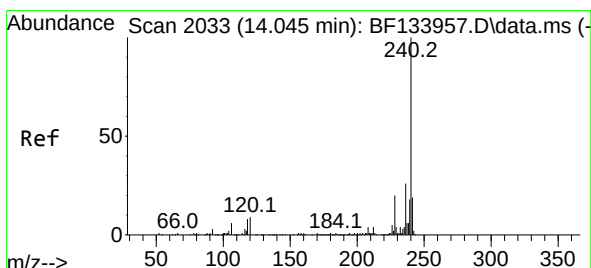
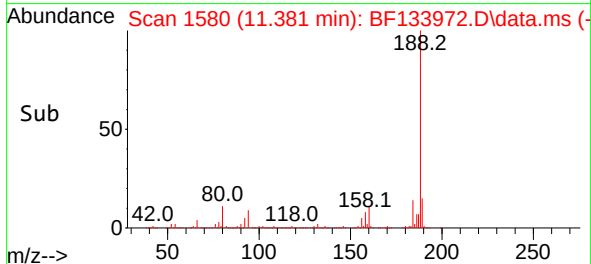
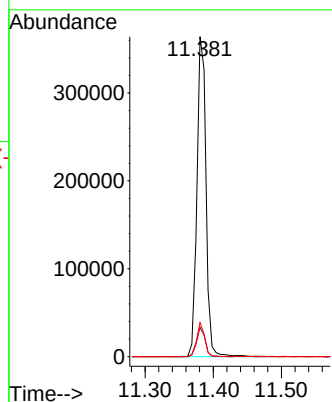
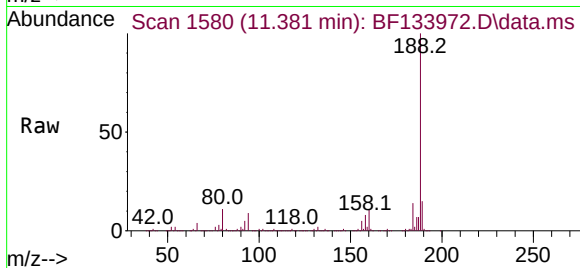
Tgt Ion:188 Resp: 333481

Ion Ratio Lower Upper

188 100

94 9.2 6.4 9.6

80 10.6 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF133972.D

Acq: 27 Jun 2023 04:12

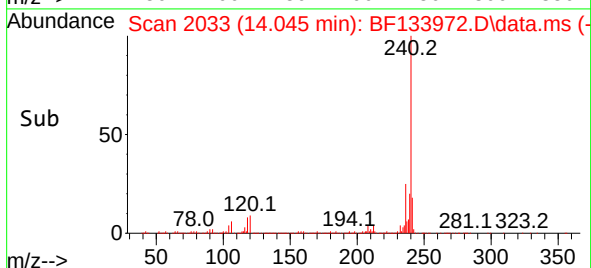
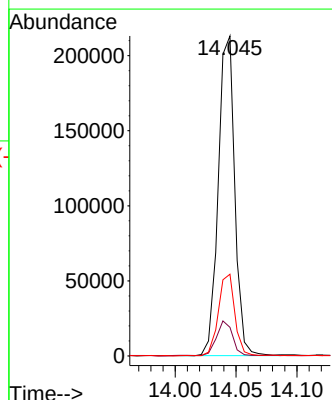
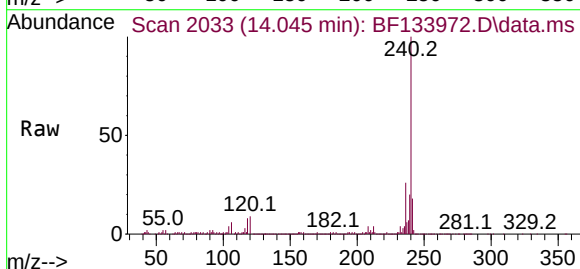
Tgt Ion:240 Resp: 201513

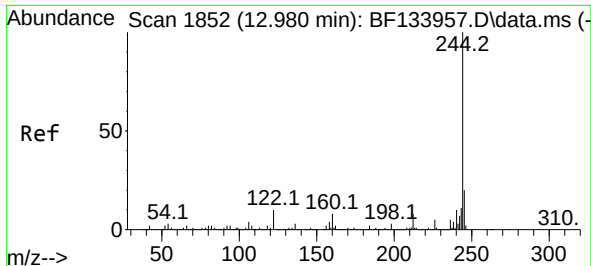
Ion Ratio Lower Upper

240 100

120 8.9 7.4 11.0

236 25.5 21.0 31.6

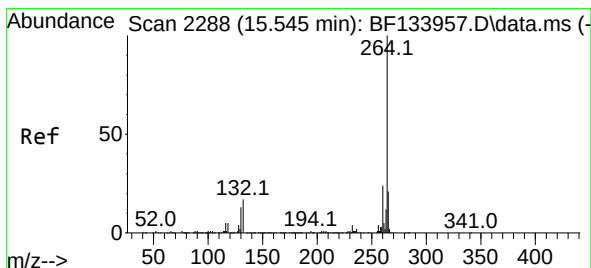
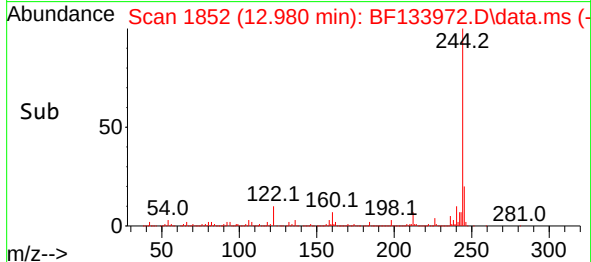
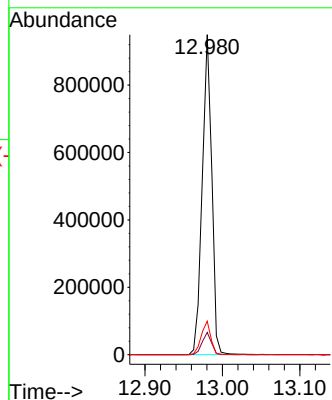
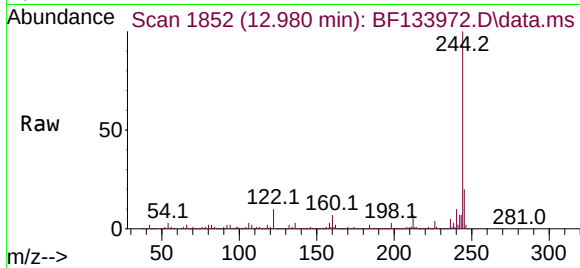




#79
 Terphenyl-d14
 Concen: 64.770 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF133972.D
 Acq: 27 Jun 2023 04:12

Instrument :
 BNA_F
 ClientSampleId :
 CONC-2

Tgt Ion:244 Resp: 810977
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 10.5 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. 0.006 min
 Lab File: BF133972.D
 Acq: 27 Jun 2023 04:12

Tgt Ion:264 Resp: 164524
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 22.0 16.6 25.0

