

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
 Data File : BF133300.D
 Acq On : 08 May 2023 18:02
 Operator : CG\JU
 Sample : 02659-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STEPS

Quant Time: May 09 05:07:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	206622	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	824777	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	423476	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	742543	20.000	ng	# 0.00
76) Chrysene-d12	13.869	240	406619	20.000	ng	-0.01
86) Perylene-d12	15.286	264	378509	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	625349	45.719	ng	0.00
7) Phenol-d6	6.363	99	1108165	65.273	ng	0.00
23) Nitrobenzene-d5	7.287	82	713666	46.705	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	31679	7.438	ng	-0.01
45) 2-Fluorobiphenyl	9.081	172	1337202	52.828	ng	0.00
79) Terphenyl-d14	12.822	244	1399054	59.341	ng	-0.01

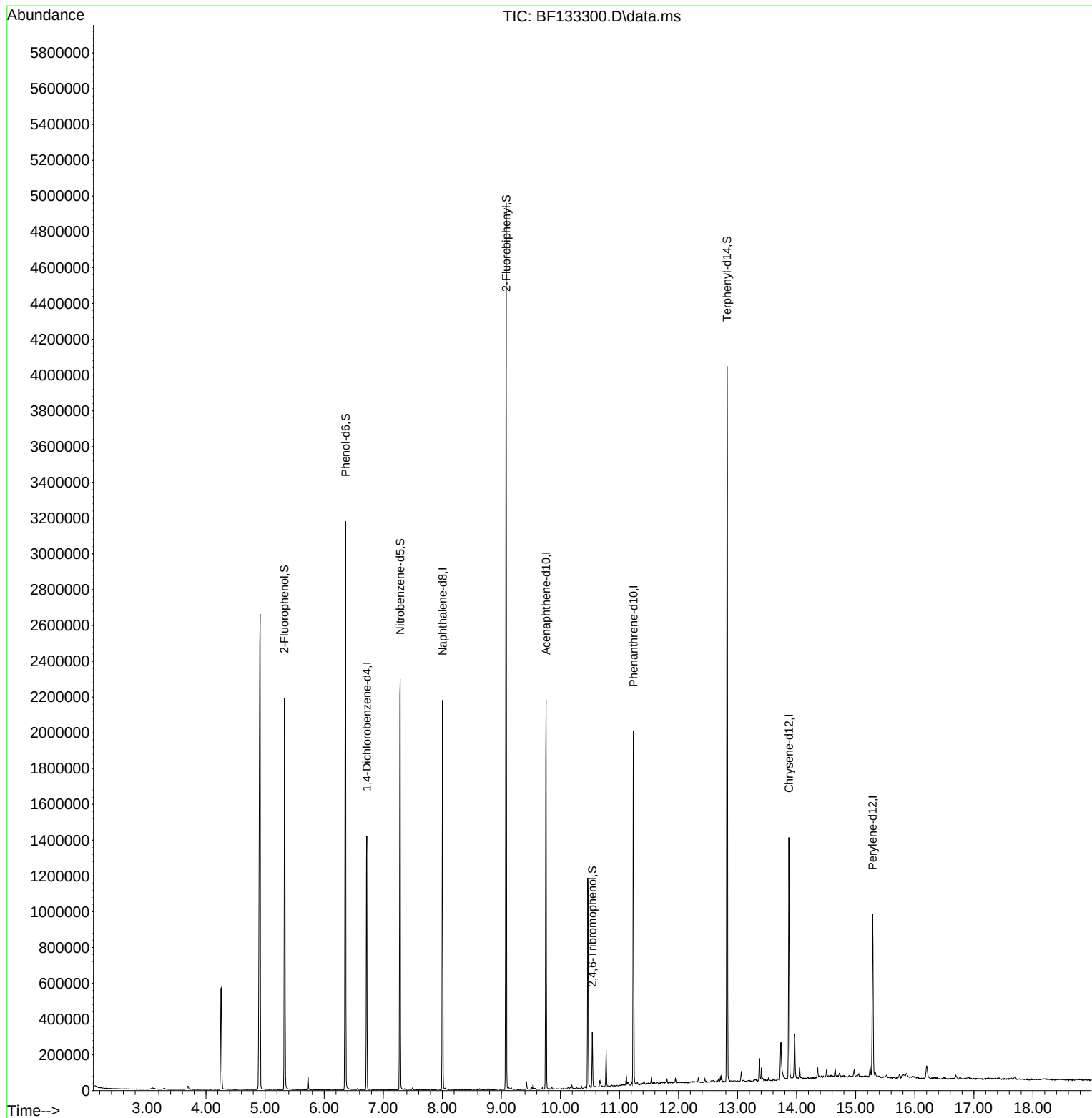
Target Compounds	Qvalue

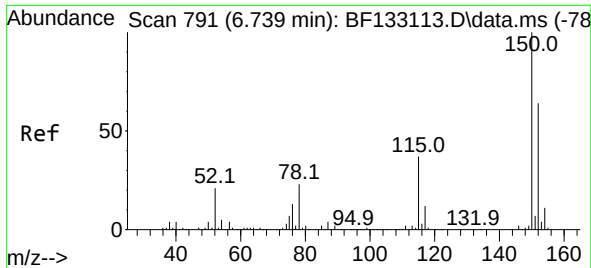
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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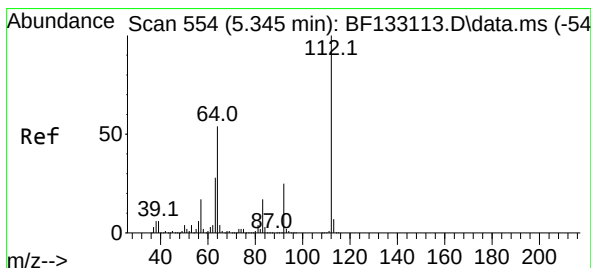
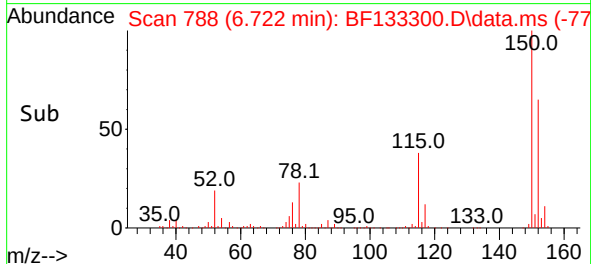
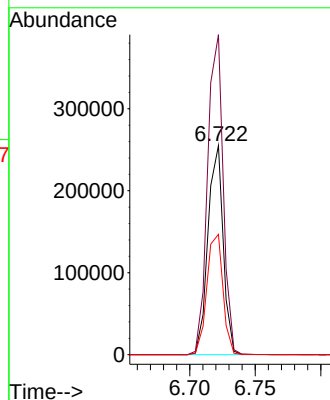
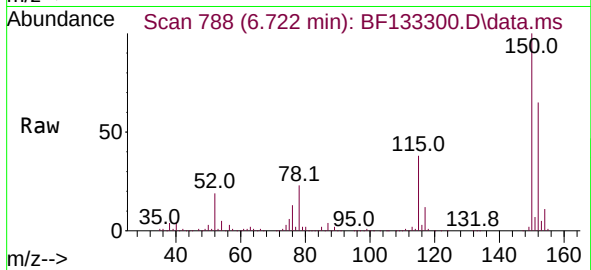




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133300.D
Acq: 08 May 2023 18:02

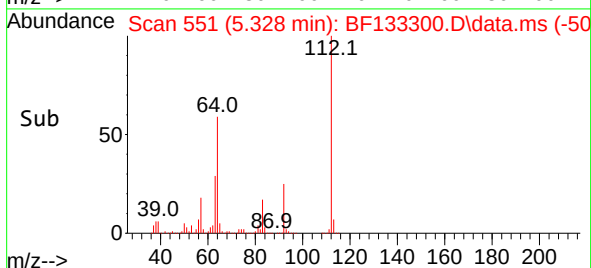
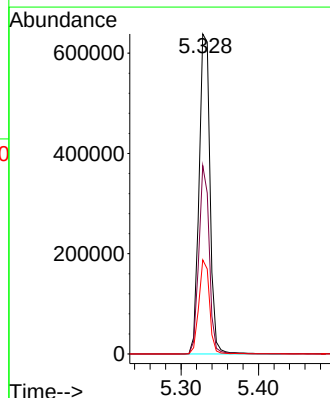
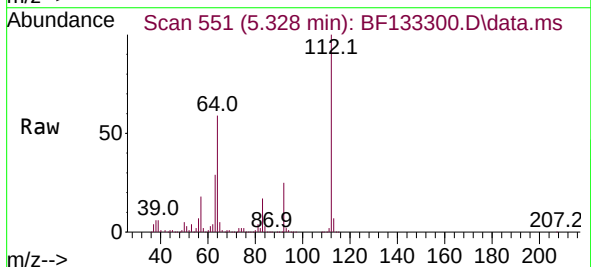
Instrument :
BNA_F
ClientSampleId :
STEPS

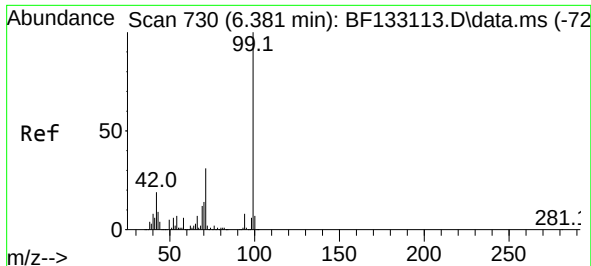
Tgt Ion:152 Resp: 206622
Ion Ratio Lower Upper
152 100
150 153.0 124.8 187.2
115 57.5 49.9 74.9



#5
2-Fluorophenol
Concen: 45.719 ng
RT: 5.328 min Scan# 551
Delta R.T. 0.000 min
Lab File: BF133300.D
Acq: 08 May 2023 18:02

Tgt Ion:112 Resp: 625349
Ion Ratio Lower Upper
112 100
64 58.9 46.8 70.2
63 29.4 23.8 35.8





#7

Phenol-d6

Concen: 65.273 ng

RT: 6.363 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF133300.D

Acq: 08 May 2023 18:02

Instrument :

BNA_F

ClientSampleId :

STEPS

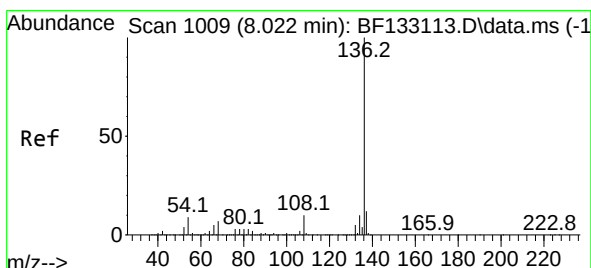
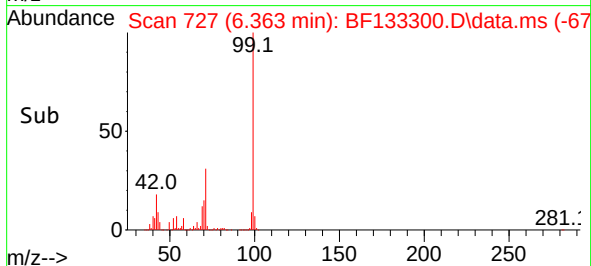
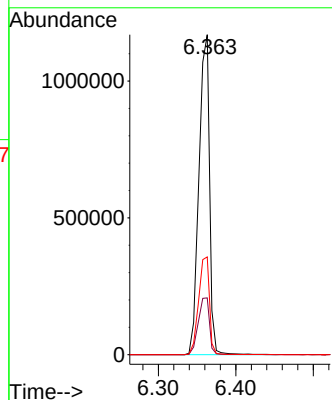
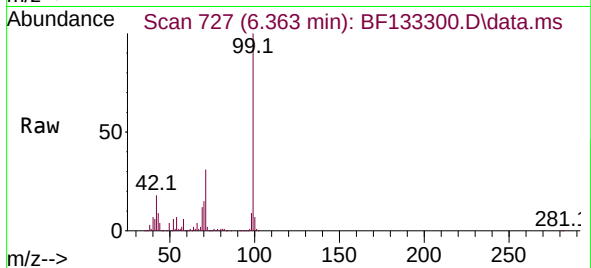
Tgt Ion: 99 Resp: 1108165

Ion Ratio Lower Upper

99 100

42 17.7 16.3 24.5

71 30.6 25.6 38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF133300.D

Acq: 08 May 2023 18:02

Tgt Ion: 136 Resp: 824777

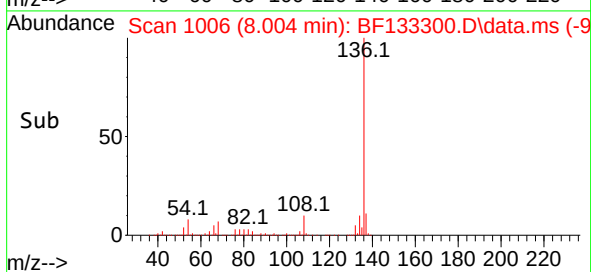
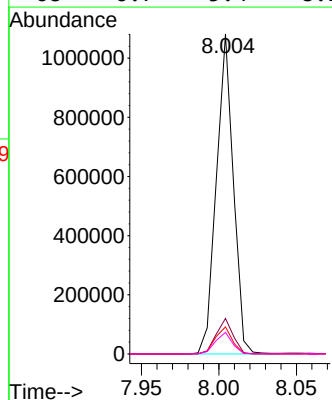
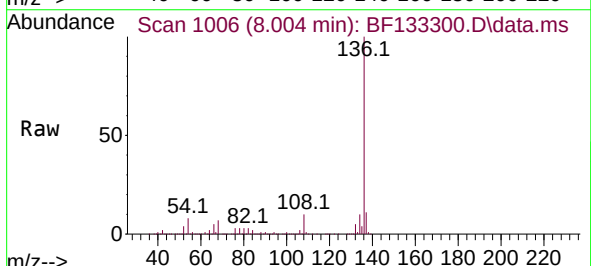
Ion Ratio Lower Upper

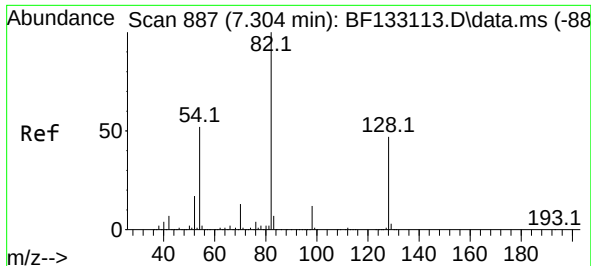
136 100

137 11.1 8.6 13.0

54 8.4 7.0 10.4

68 6.7 5.4 8.2

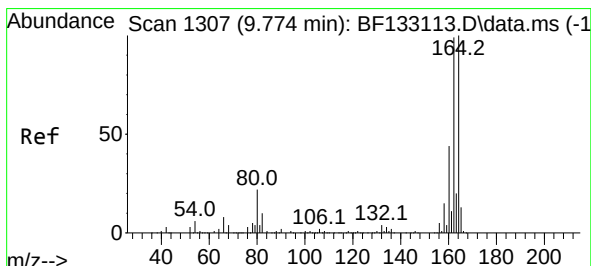
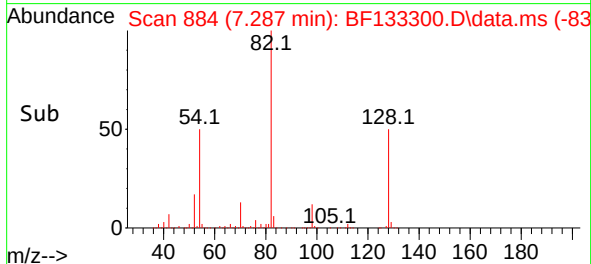
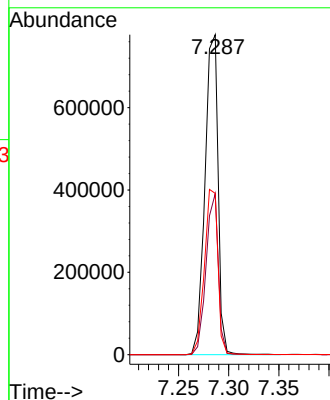
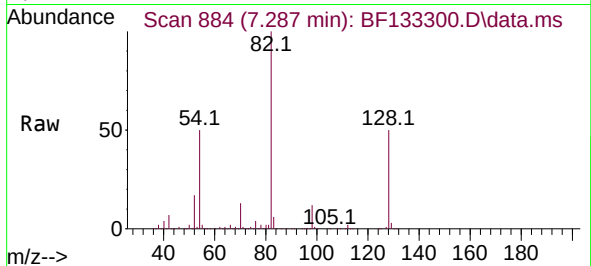




#23
Nitrobenzene-d5
Concen: 46.705 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133300.D
Acq: 08 May 2023 18:02

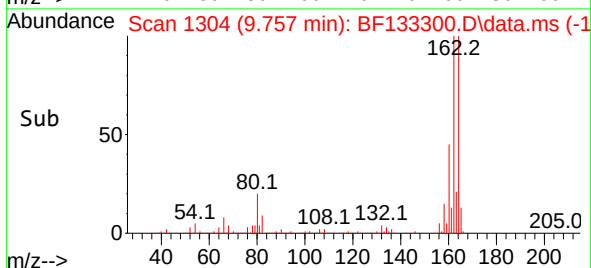
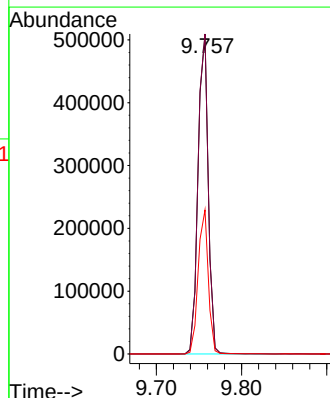
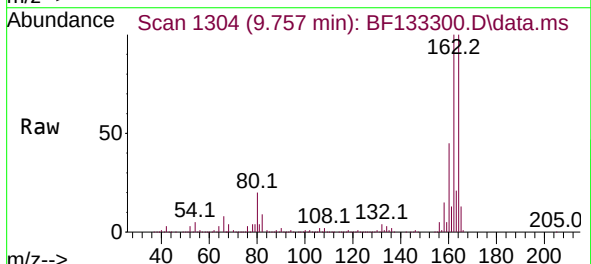
Instrument :
BNA_F
ClientSampleId :
STEPS

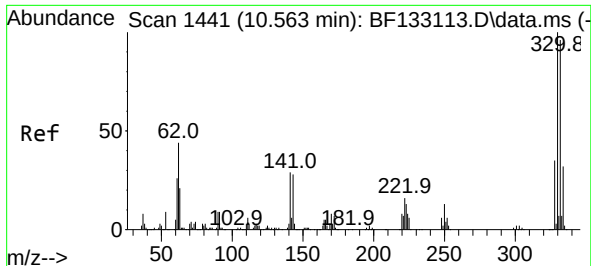
Tgt Ion: 82 Resp: 713666
Ion Ratio Lower Upper
82 100
128 50.3 37.7 56.5
54 50.4 43.0 64.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133300.D
Acq: 08 May 2023 18:02

Tgt Ion: 164 Resp: 423476
Ion Ratio Lower Upper
164 100
162 99.9 78.7 118.1
160 45.0 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 7.438 ng

RT: 10.539 min Scan# 1441

Delta R.T. -0.012 min

Lab File: BF133300.D

Acq: 08 May 2023 18:02

Instrument :

BNA_F

ClientSampleId :

STEPS

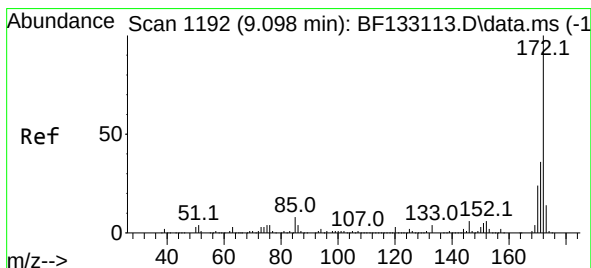
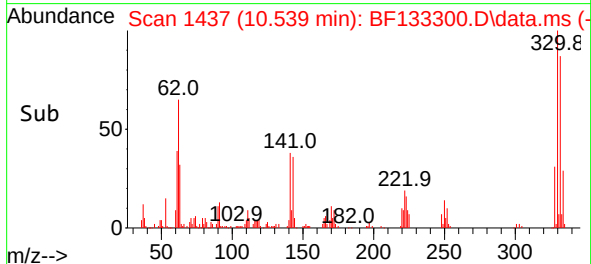
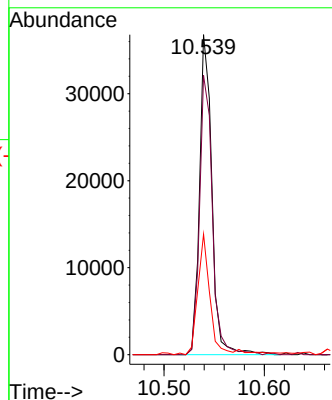
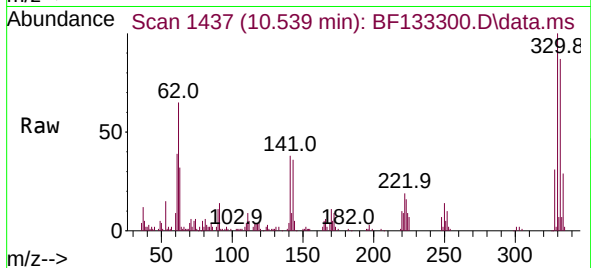
Tgt Ion:330 Resp: 31679

Ion Ratio Lower Upper

330 100

332 90.7 77.1 115.7

141 36.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 52.828 ng

RT: 9.081 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF133300.D

Acq: 08 May 2023 18:02

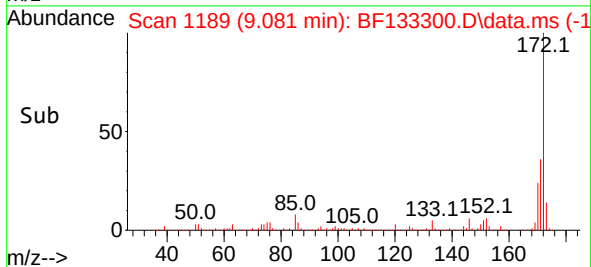
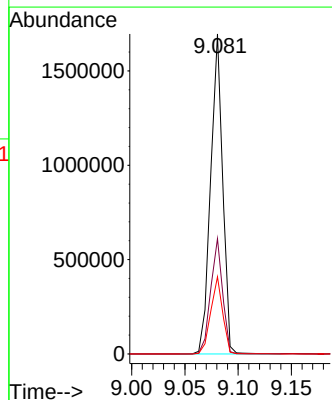
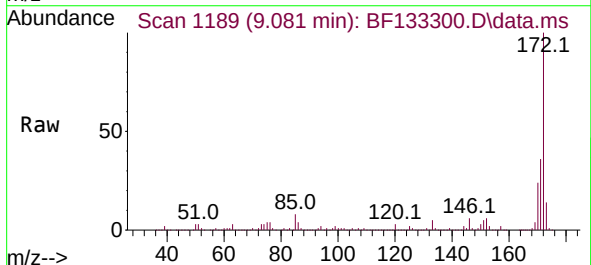
Tgt Ion:172 Resp: 1337202

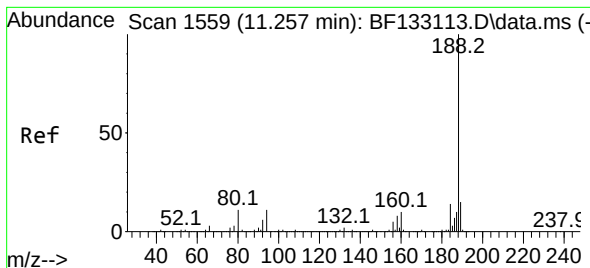
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.1 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133300.D

Acq: 08 May 2023 18:02

Instrument :

BNA_F

ClientSampleId :

STEPS

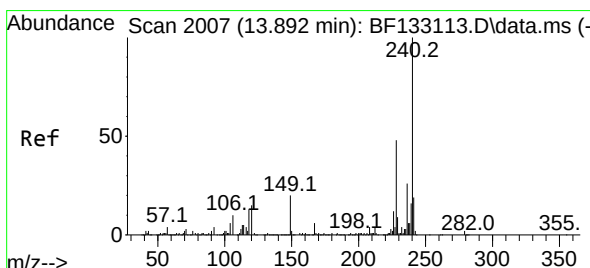
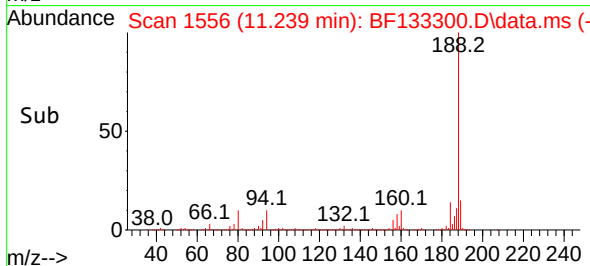
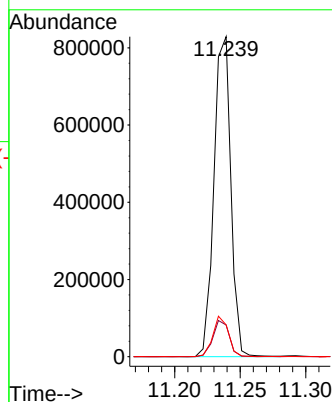
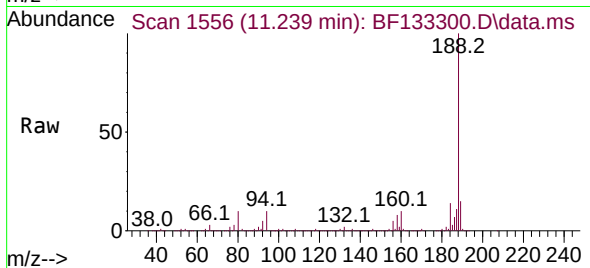
Tgt Ion:188 Resp: 742543

Ion Ratio Lower Upper

188 100

94 9.9 9.7 14.5

80 10.0 10.4 15.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.869 min Scan# 2003

Delta R.T. -0.012 min

Lab File: BF133300.D

Acq: 08 May 2023 18:02

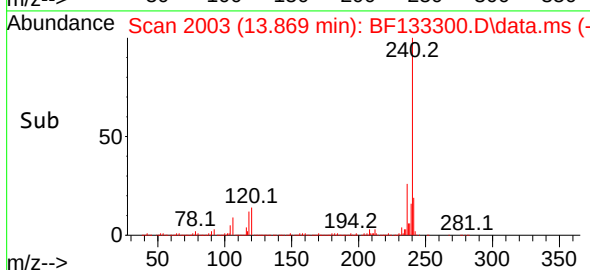
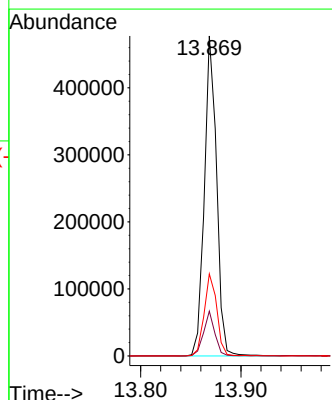
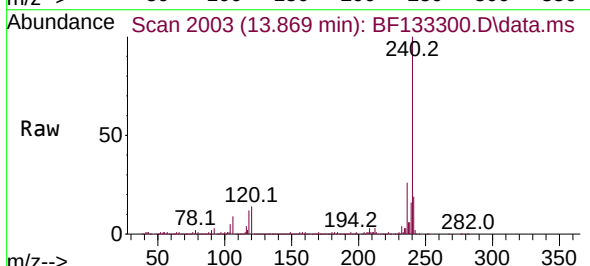
Tgt Ion:240 Resp: 406619

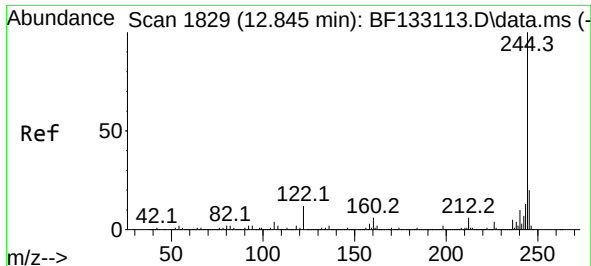
Ion Ratio Lower Upper

240 100

120 14.0 10.5 15.7

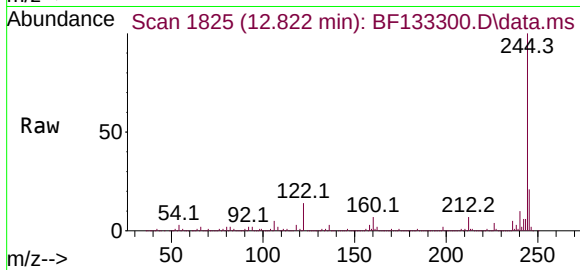
236 25.7 21.5 32.3



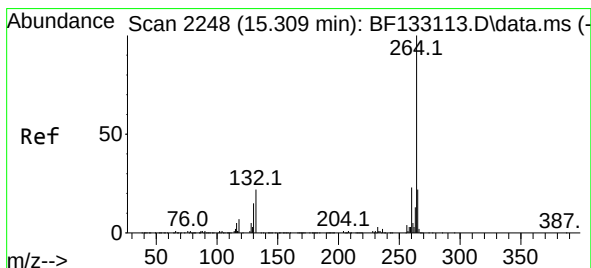
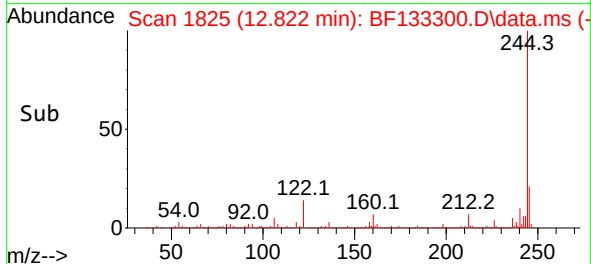
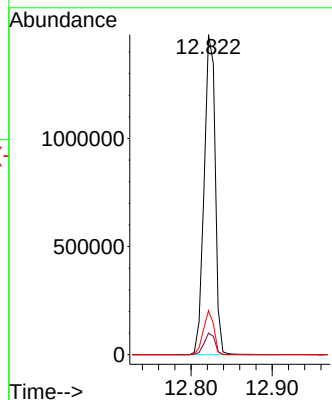


#79
 Terphenyl-d14
 Concen: 59.341 ng
 RT: 12.822 min Scan# 1825
 Delta R.T. -0.012 min
 Lab File: BF133300.D
 Acq: 08 May 2023 18:02

Instrument :
 BNA_F
 ClientSampleId :
 STEPS



Tgt Ion:244 Resp: 1399054
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 13.8 8.6 13.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.286 min Scan# 2244
 Delta R.T. -0.006 min
 Lab File: BF133300.D
 Acq: 08 May 2023 18:02

Tgt Ion:264 Resp: 378509
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.8 28.2
 265 21.8 17.0 25.4

