

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136583.D
 Acq On : 14 Dec 2023 22:59
 Operator : CG\JU
 Sample : 05790-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11995

Quant Time: Dec 15 00:40:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	108805	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	416200	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	189686	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	303637	20.000	ng	0.00
76) Chrysene-d12	13.963	240	227804	20.000	ng	0.00
86) Perylene-d12	15.439	264	264372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	636152	86.346	ng	0.01
7) Phenol-d6	6.434	99	746291	81.189	ng	0.00
23) Nitrobenzene-d5	7.345	82	468649	60.873	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	183752	78.565	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	944451	67.939	ng	0.00
79) Terphenyl-d14	12.910	244	924848	53.511	ng	0.00

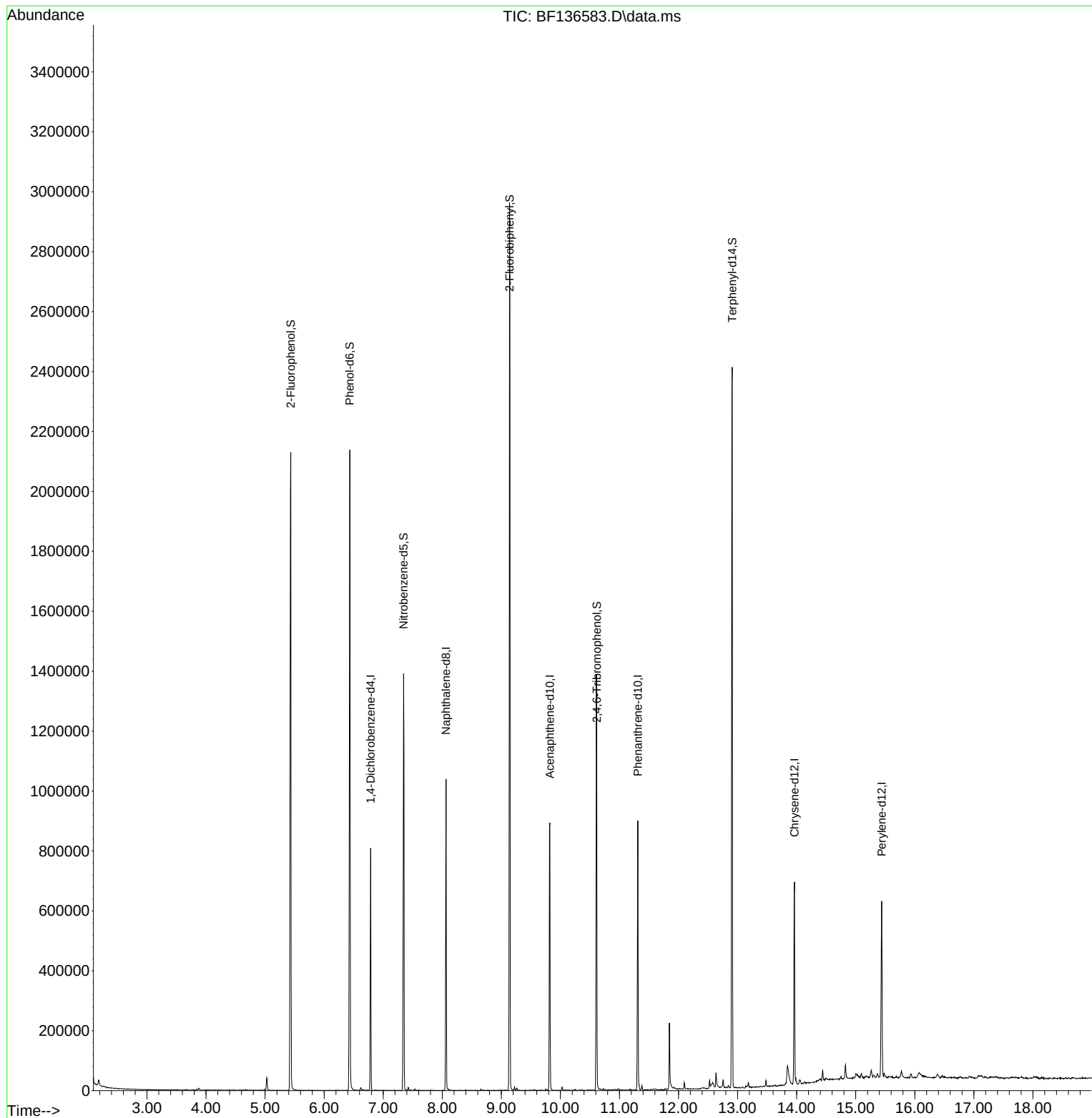
Target Compounds	Qvalue

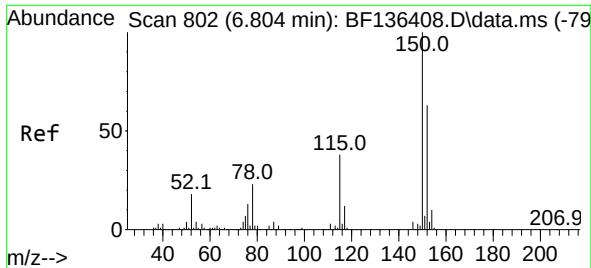
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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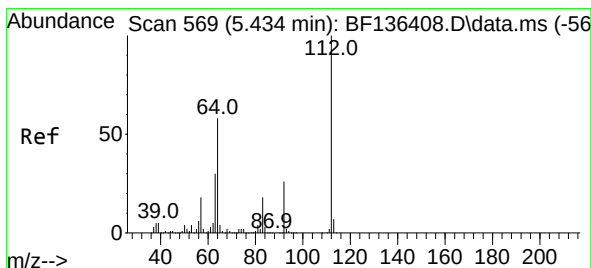
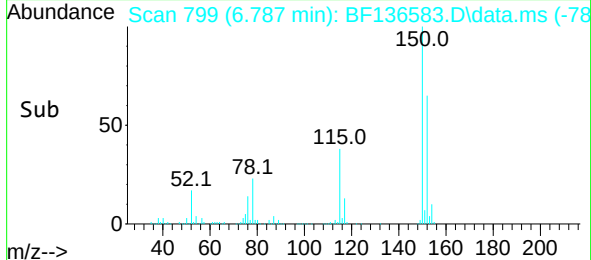
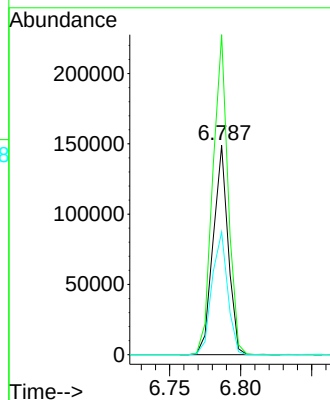
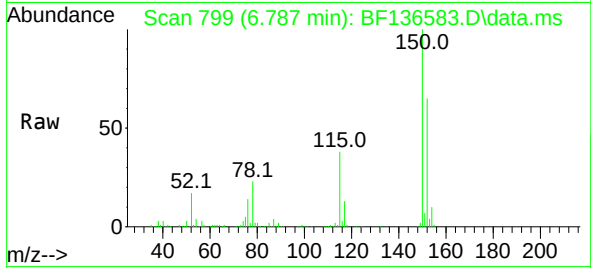




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF136583.D
 Acq: 14 Dec 2023 22:59

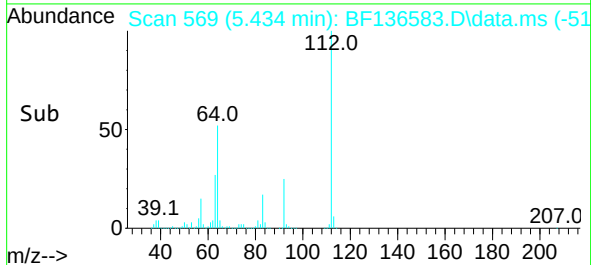
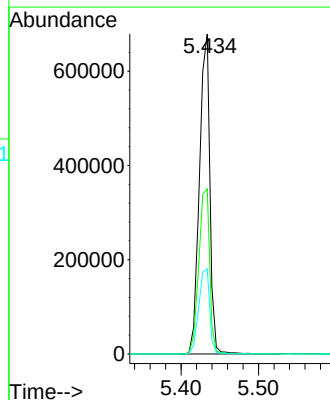
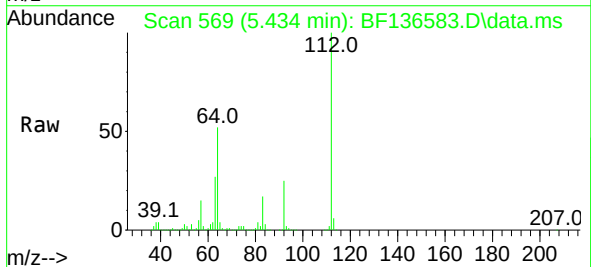
Instrument :
 BNA_F
 ClientSampleId :
 72-11995

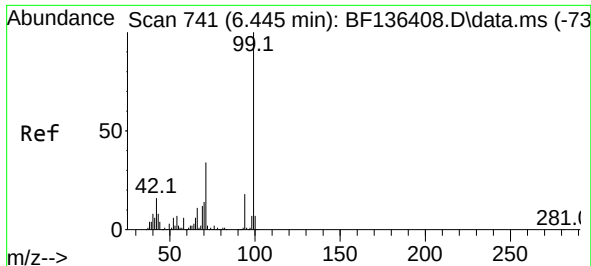
Tgt Ion:152 Resp: 108805
 Ion Ratio Lower Upper
 152 100
 150 152.9 126.4 189.6
 115 58.6 48.2 72.4



#5
 2-Fluorophenol
 Concen: 86.346 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.012 min
 Lab File: BF136583.D
 Acq: 14 Dec 2023 22:59

Tgt Ion:112 Resp: 636152
 Ion Ratio Lower Upper
 112 100
 64 51.6 46.5 69.7
 63 26.6 23.9 35.9

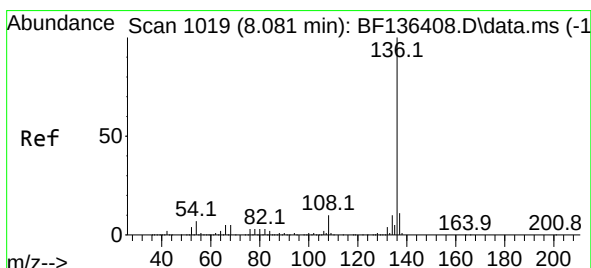
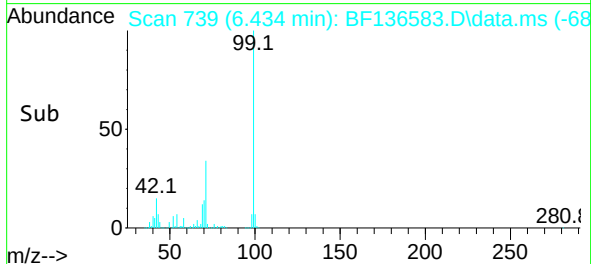
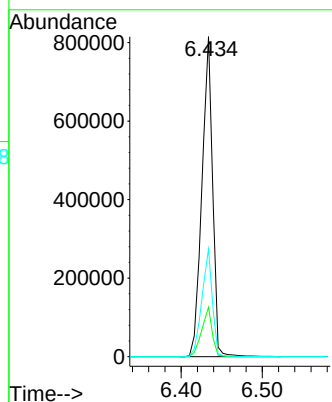
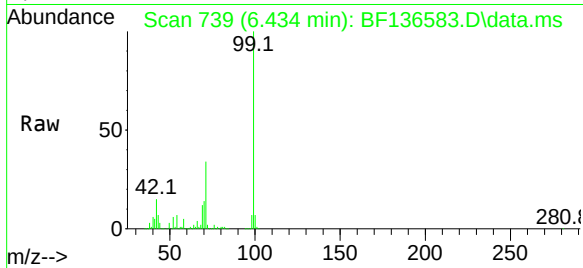




#7
Phenol-d6
Concen: 81.189 ng
RT: 6.434 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF136583.D
Acq: 14 Dec 2023 22:59

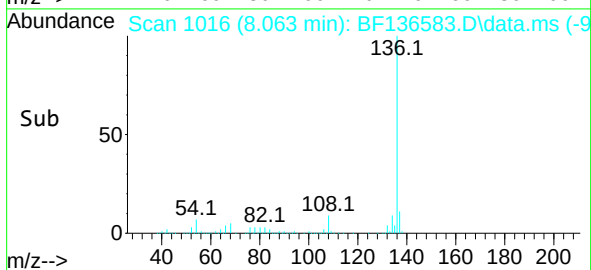
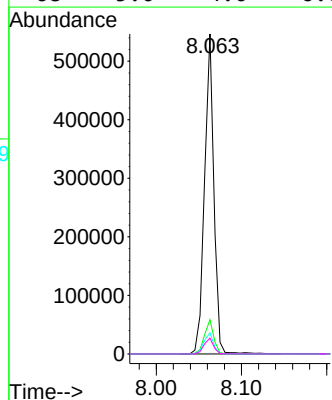
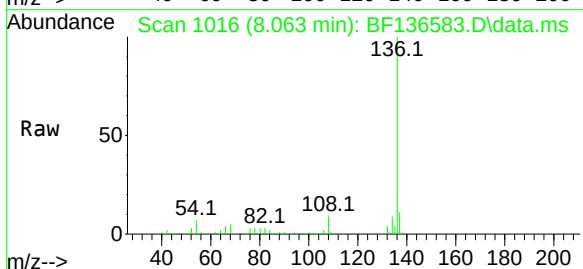
Instrument :
BNA_F
ClientSampleId :
72-11995

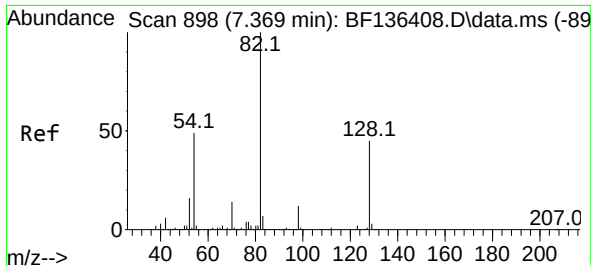
Tgt Ion: 99 Resp: 746291
Ion Ratio Lower Upper
99 100
42 15.5 12.8 19.2
71 33.6 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136583.D
Acq: 14 Dec 2023 22:59

Tgt Ion: 136 Resp: 416200
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 6.6 5.7 8.5
68 5.0 4.0 6.0





#23

Nitrobenzene-d5

Concen: 60.873 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136583.D

Acq: 14 Dec 2023 22:59

Instrument :

BNA_F

ClientSampleId :

72-11995

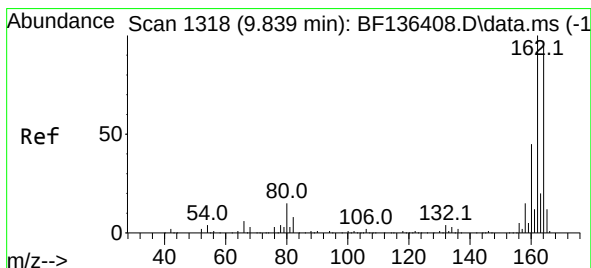
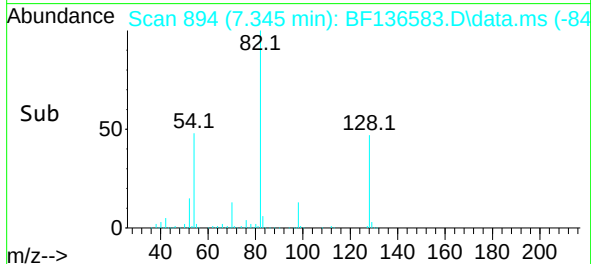
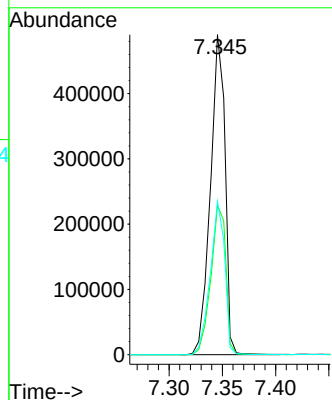
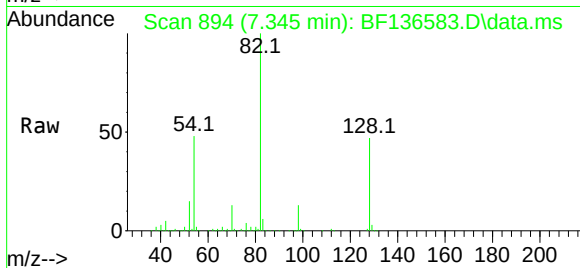
Tgt Ion: 82 Resp: 468649

Ion Ratio Lower Upper

82 100

128 46.7 36.3 54.5

54 47.9 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF136583.D

Acq: 14 Dec 2023 22:59

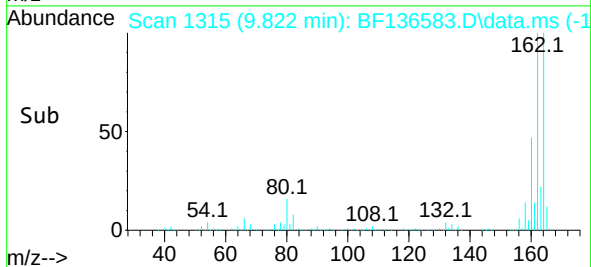
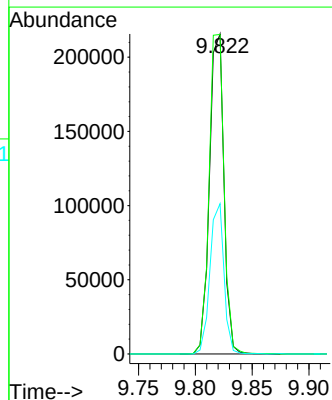
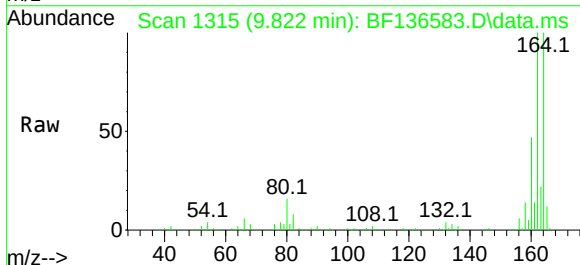
Tgt Ion: 164 Resp: 189686

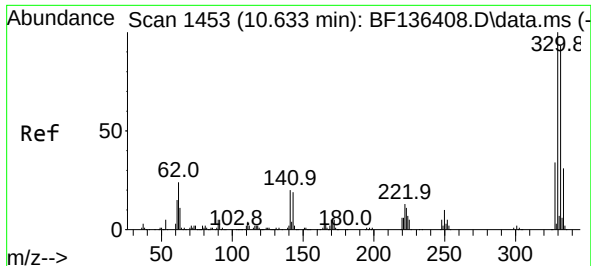
Ion Ratio Lower Upper

164 100

162 99.9 84.4 126.6

160 47.0 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 78.565 ng

RT: 10.616 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF136583.D

Acq: 14 Dec 2023 22:59

Instrument :

BNA_F

ClientSampleId :

72-11995

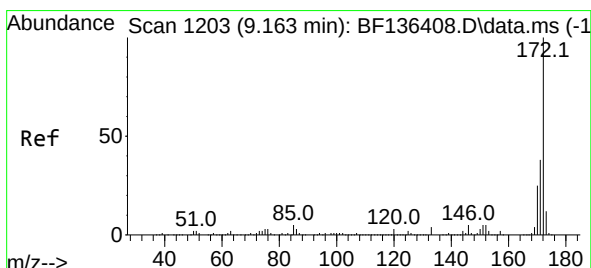
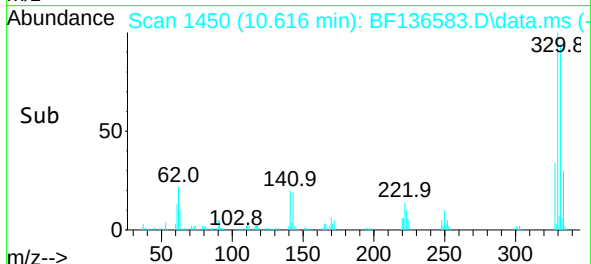
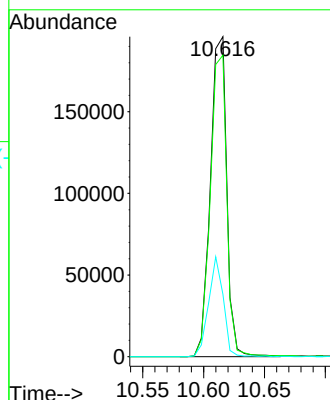
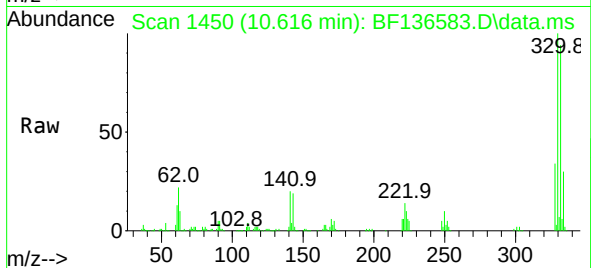
Tgt Ion:330 Resp: 183752

Ion Ratio Lower Upper

330 100

332 95.4 76.4 114.6

141 28.1 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 67.939 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF136583.D

Acq: 14 Dec 2023 22:59

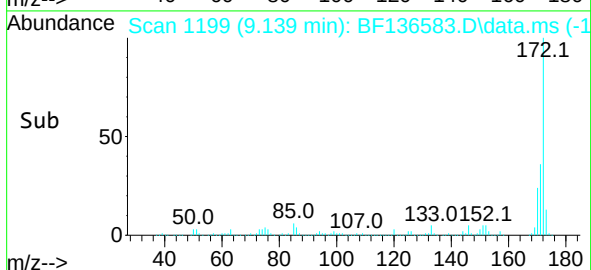
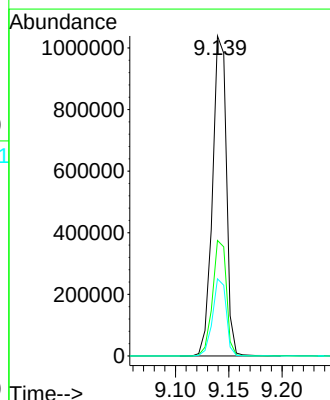
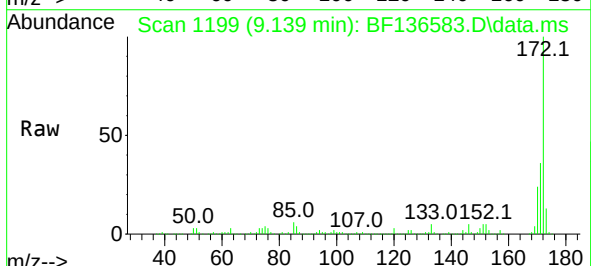
Tgt Ion:172 Resp: 944451

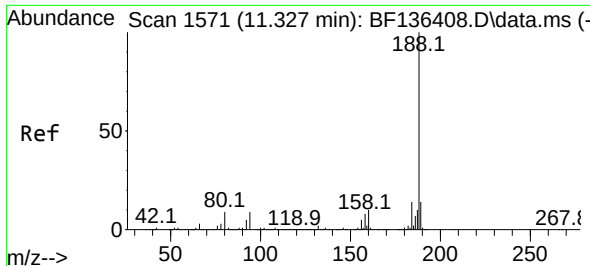
Ion Ratio Lower Upper

172 100

171 36.1 30.5 45.7

170 24.1 19.9 29.9

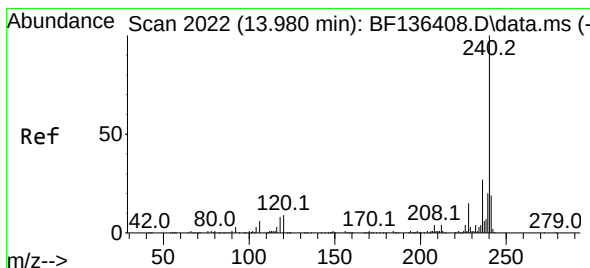
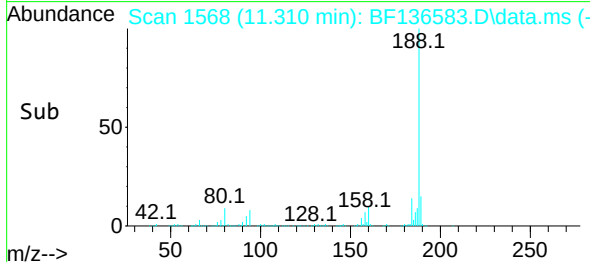
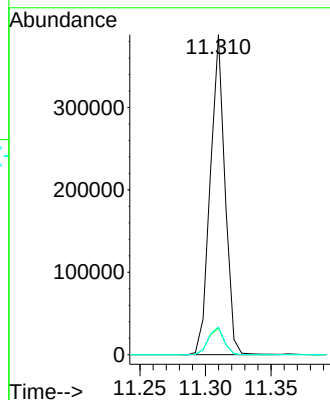
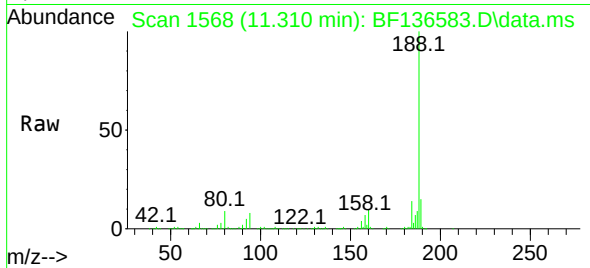




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136583.D
Acq: 14 Dec 2023 22:59

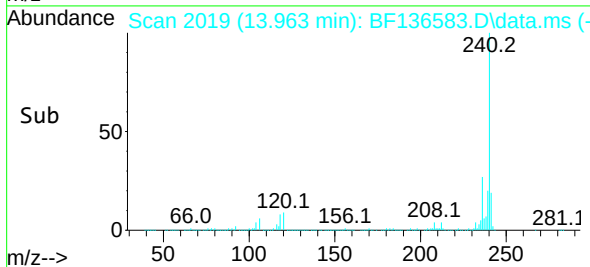
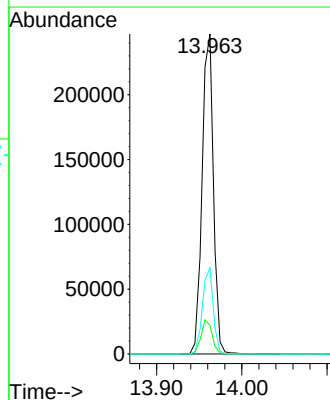
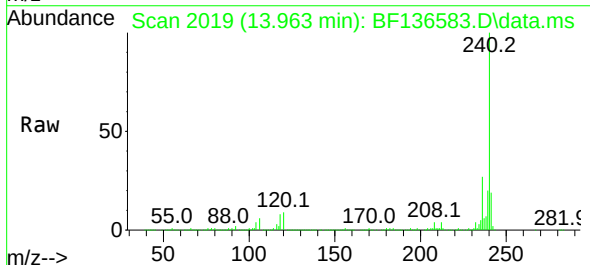
Instrument :
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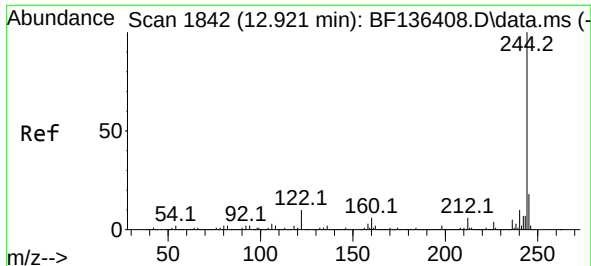
Tgt Ion:188 Resp: 303637
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 8.6 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136583.D
Acq: 14 Dec 2023 22:59

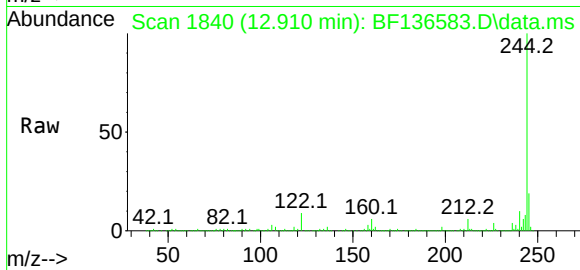
Tgt Ion:240 Resp: 227804
Ion Ratio Lower Upper
240 100
120 8.9 7.3 10.9
236 26.9 21.3 31.9



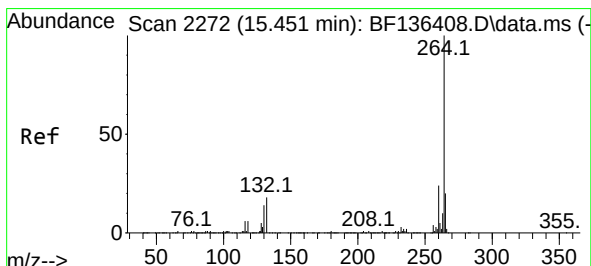
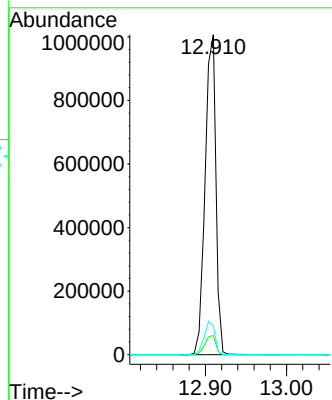
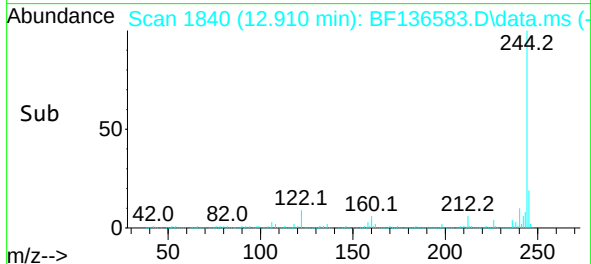


#79
 Terphenyl-d14
 Concen: 53.511 ng
 RT: 12.910 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136583.D
 Acq: 14 Dec 2023 22:59

Instrument :
 BNA_F
 ClientSampleId :
 72-11995



Tgt Ion:244 Resp: 924848
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.4
 122 9.0 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF136583.D
 Acq: 14 Dec 2023 22:59

Tgt Ion:264 Resp: 264372
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 20.6 15.9 23.9

