

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
 Data File : BF136103.D
 Acq On : 02 Nov 2023 19:01
 Operator : CG\JU
 Sample : 05049-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2

Quant Time: Nov 02 23:04:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	120648	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	471149	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	242759	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	336330	20.000	ng	0.00
76) Chrysene-d12	14.004	240	214085	20.000	ng	-0.01
86) Perylene-d12	15.492	264	223871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	474015	61.739	ng	0.00
7) Phenol-d6	6.446	99	363306	37.979	ng	-0.01
23) Nitrobenzene-d5	7.387	82	796791	101.948	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	331265	127.845	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1413883	92.844	ng	0.00
79) Terphenyl-d14	12.951	244	1060894	77.010	ng	0.00

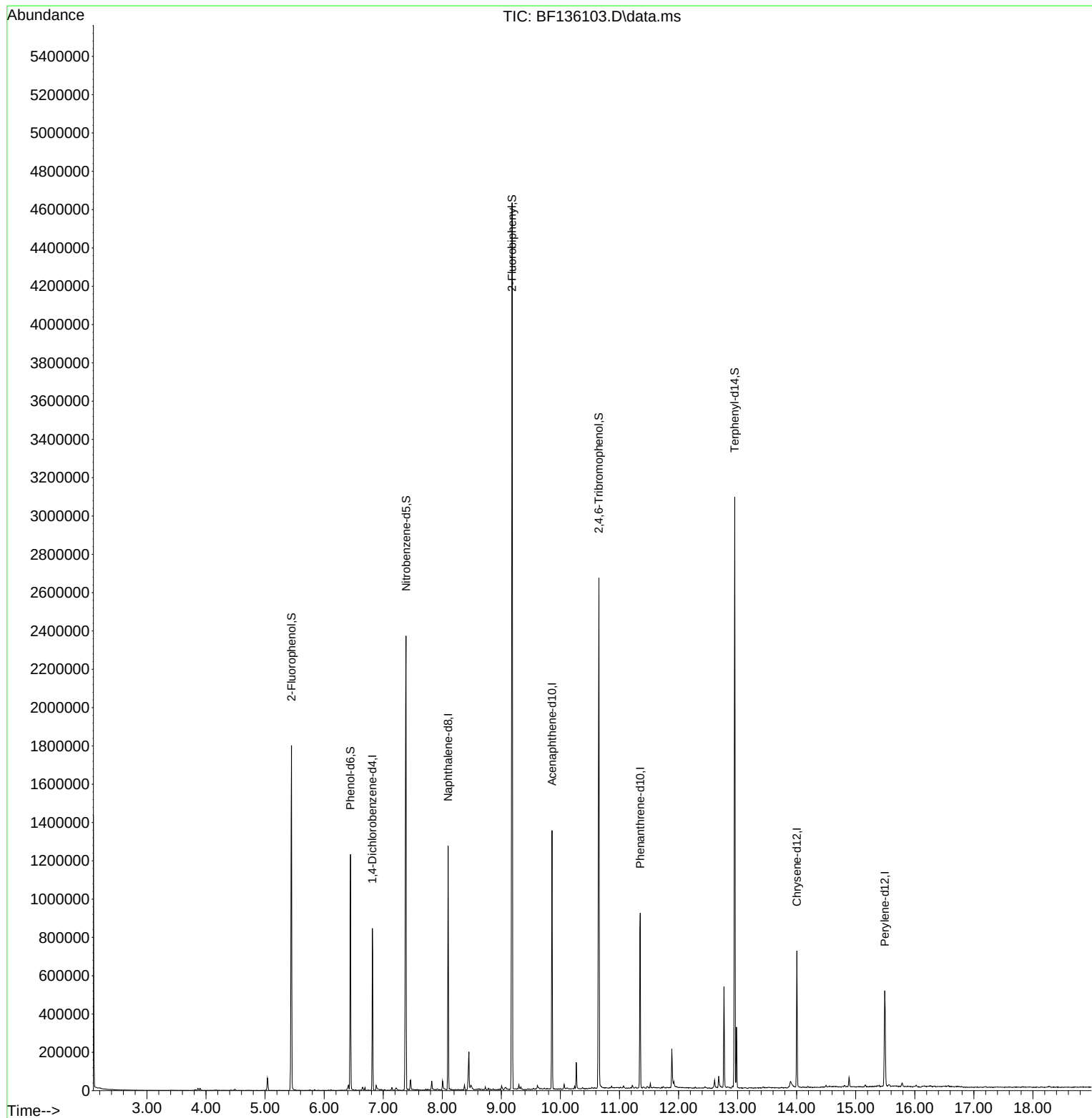
Target Compounds	Qvalue

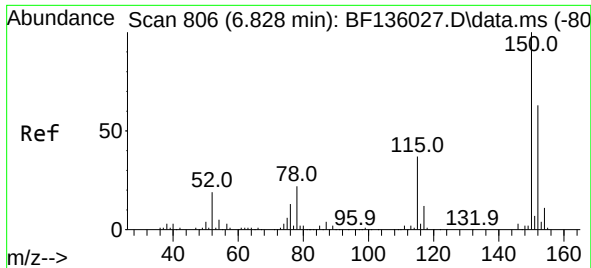
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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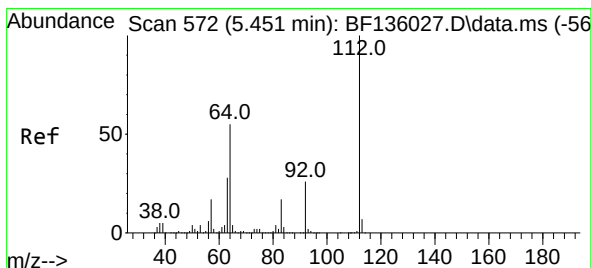
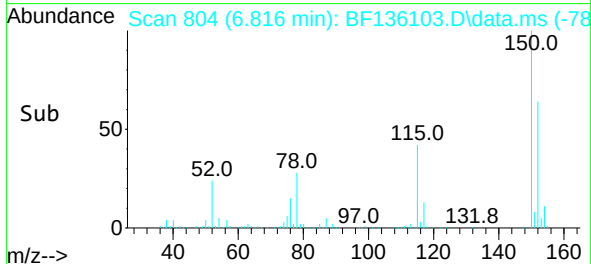
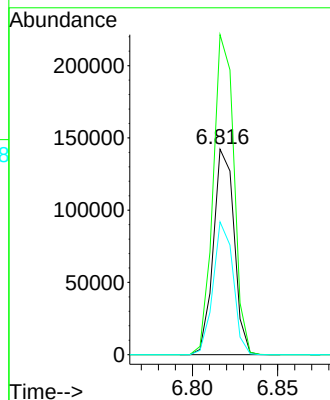
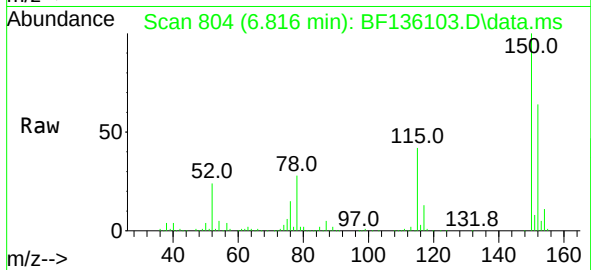




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.012 min
Lab File: BF136103.D
Acq: 02 Nov 2023 19:01

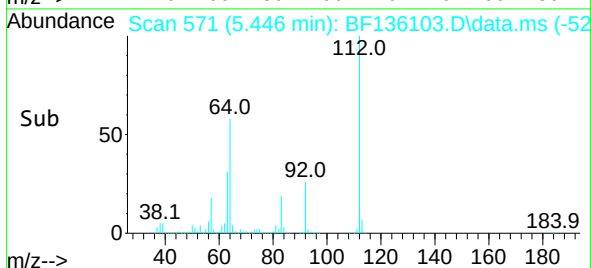
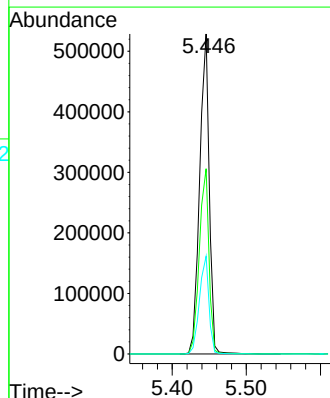
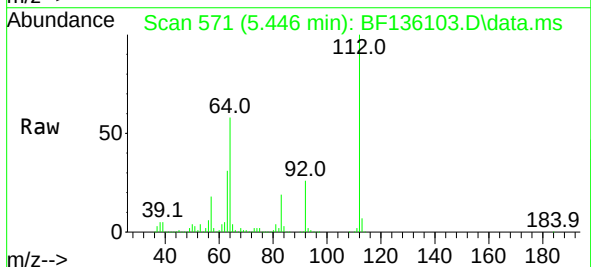
Instrument :
BNA_F
ClientSampleId :
B2

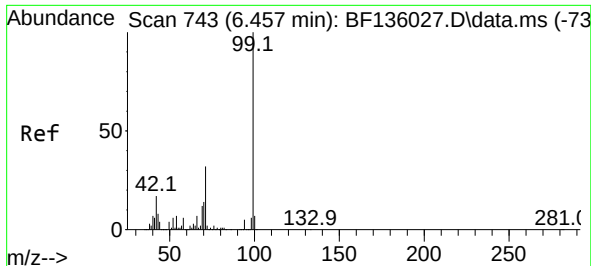
Tgt Ion:152 Resp: 120648
Ion Ratio Lower Upper
152 100
150 155.8 126.4 189.6
115 64.7 47.0 70.4



#5
2-Fluorophenol
Concen: 61.739 ng
RT: 5.446 min Scan# 571
Delta R.T. -0.006 min
Lab File: BF136103.D
Acq: 02 Nov 2023 19:01

Tgt Ion:112 Resp: 474015
Ion Ratio Lower Upper
112 100
64 57.9 43.9 65.9
63 30.6 22.4 33.6

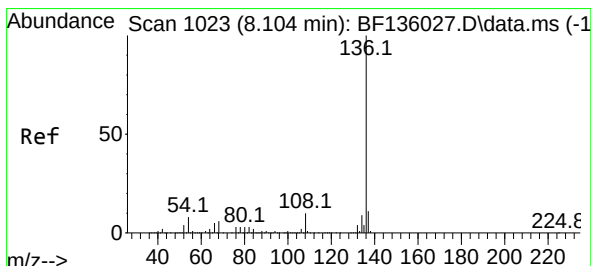
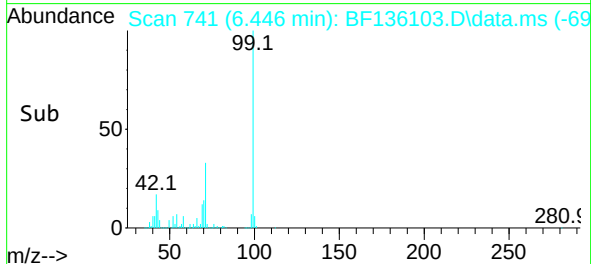
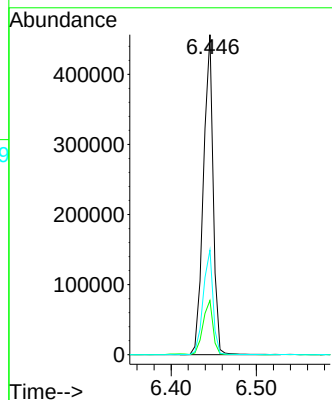
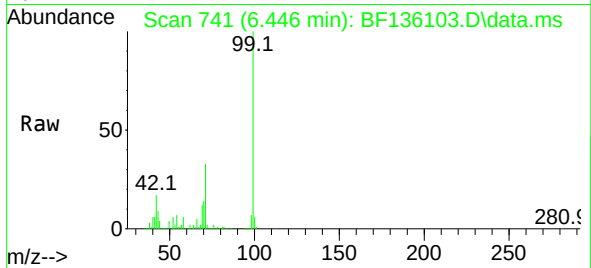




#7
Phenol-d6
Concen: 37.979 ng
RT: 6.446 min Scan# 741
Delta R.T. -0.011 min
Lab File: BF136103.D
Acq: 02 Nov 2023 19:01

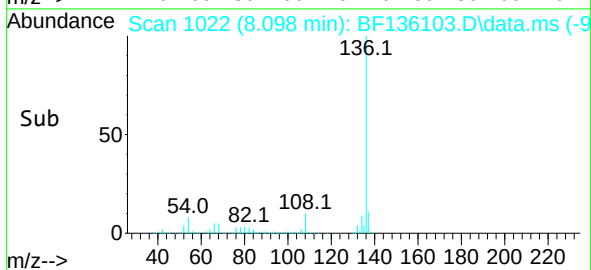
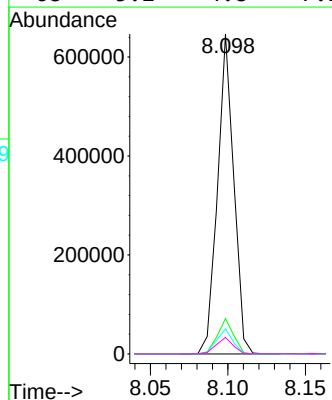
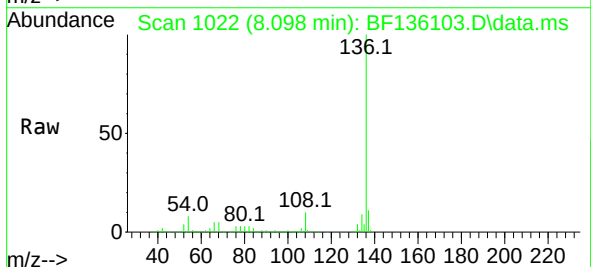
Instrument :
BNA_F
ClientSampleId :
B2

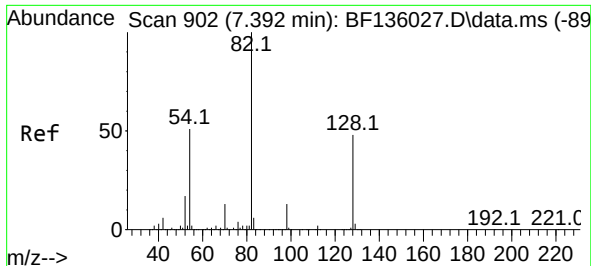
Tgt Ion: 99 Resp: 363306
Ion Ratio Lower Upper
99 100
42 17.0 13.7 20.5
71 32.7 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136103.D
Acq: 02 Nov 2023 19:01

Tgt Ion: 136 Resp: 471149
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.9 6.6 9.8
68 5.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 101.948 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136103.D

Acq: 02 Nov 2023 19:01

Instrument :

BNA_F

ClientSampleId :

B2

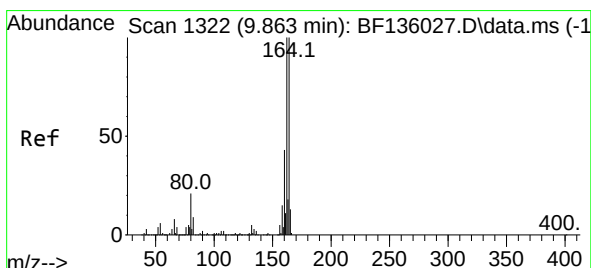
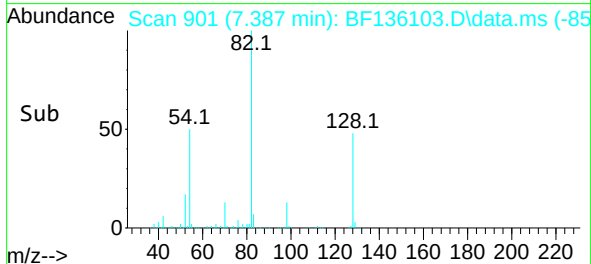
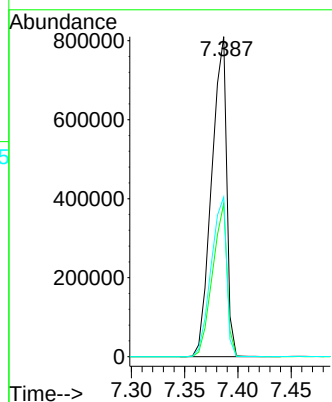
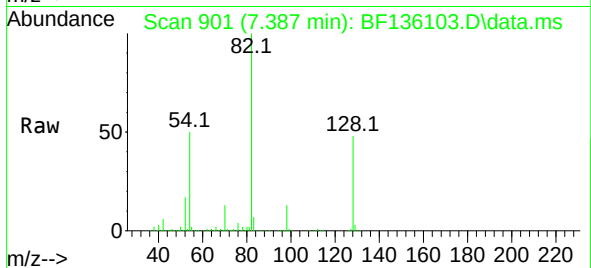
Tgt Ion: 82 Resp: 796791

Ion Ratio Lower Upper

82 100

128 47.9 38.6 57.8

54 49.9 40.8 61.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF136103.D

Acq: 02 Nov 2023 19:01

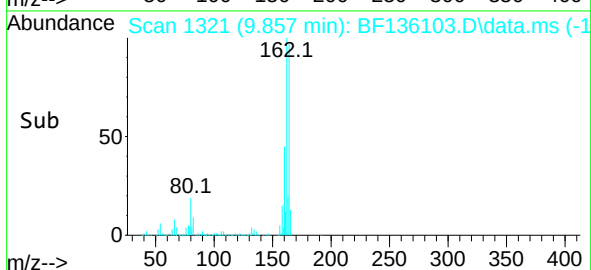
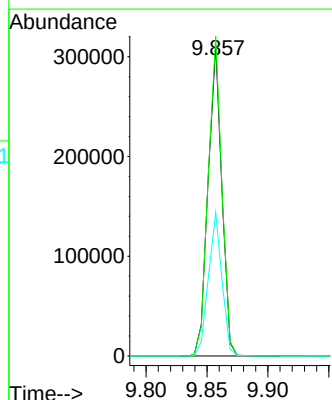
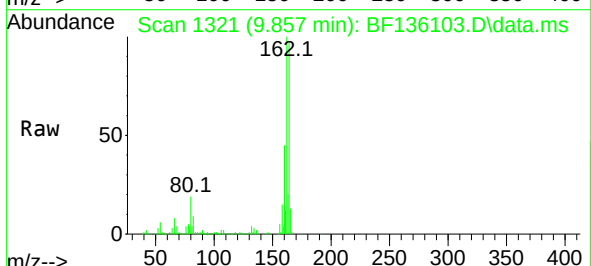
Tgt Ion:164 Resp: 242759

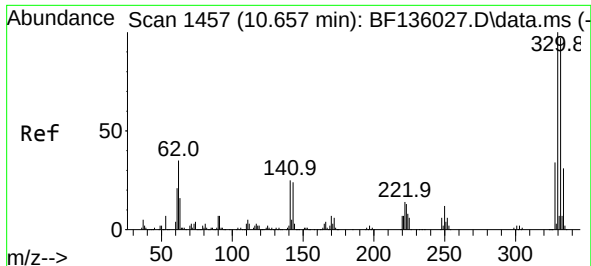
Ion Ratio Lower Upper

164 100

162 103.0 80.1 120.1

160 46.2 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 127.845 ng

RT: 10.651 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF136103.D

Acq: 02 Nov 2023 19:01

Instrument :

BNA_F

ClientSampleId :

B2

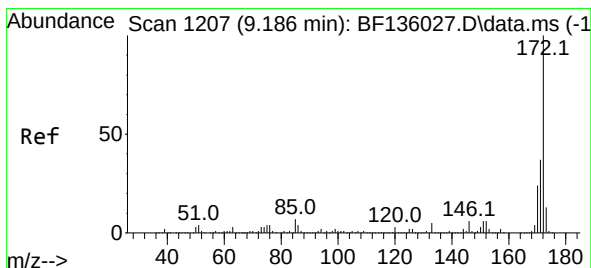
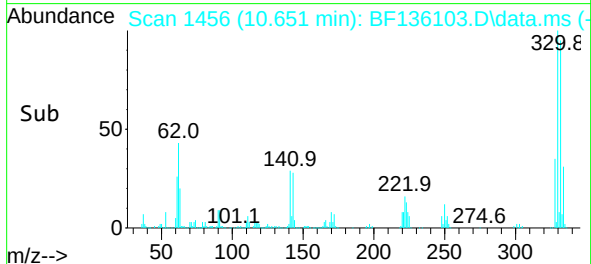
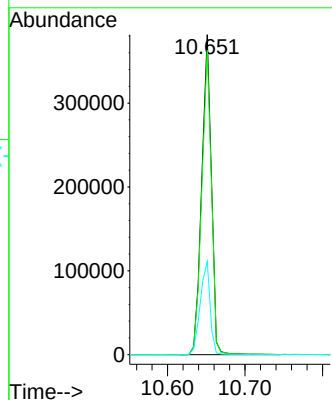
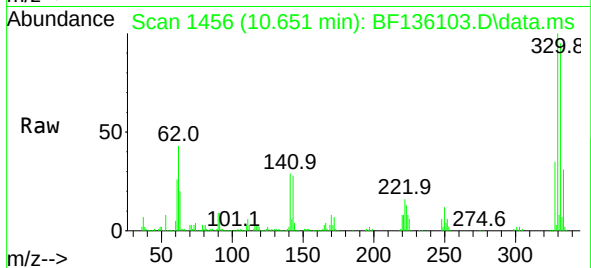
Tgt Ion:330 Resp: 331265

Ion Ratio Lower Upper

330 100

332 95.4 76.9 115.3

141 29.7 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 92.844 ng

RT: 9.181 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF136103.D

Acq: 02 Nov 2023 19:01

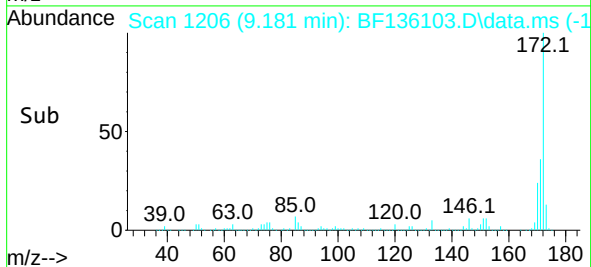
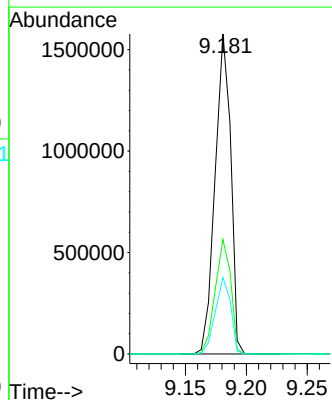
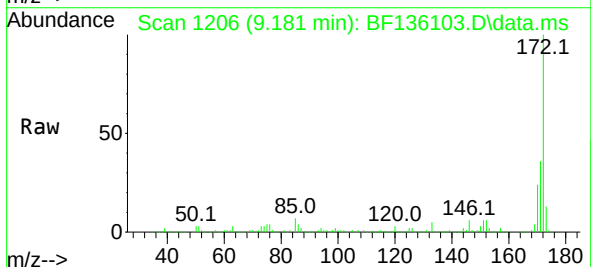
Tgt Ion:172 Resp: 1413883

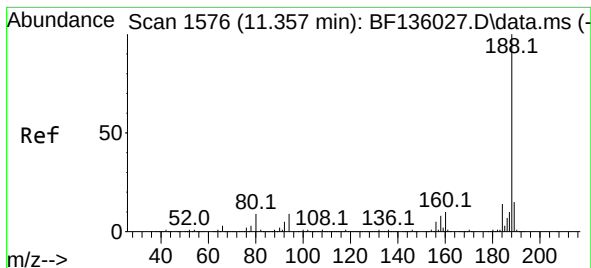
Ion Ratio Lower Upper

172 100

171 35.8 29.4 44.0

170 23.9 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136103.D

Acq: 02 Nov 2023 19:01

Instrument :

BNA_F

ClientSampleId :

B2

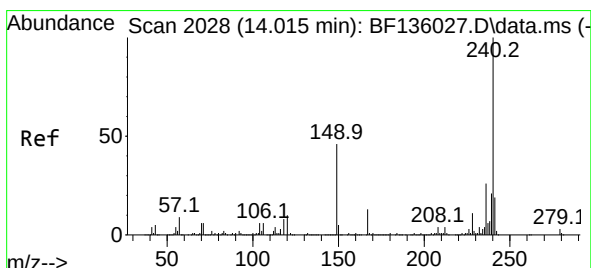
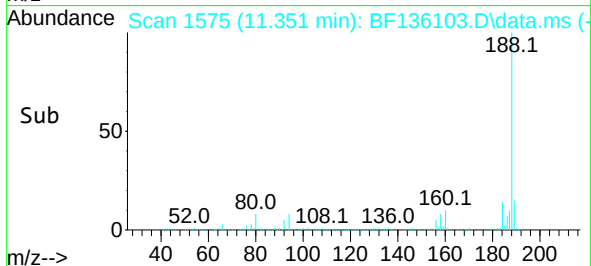
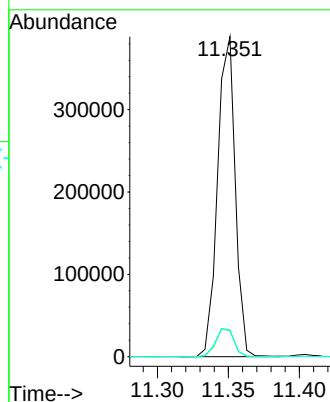
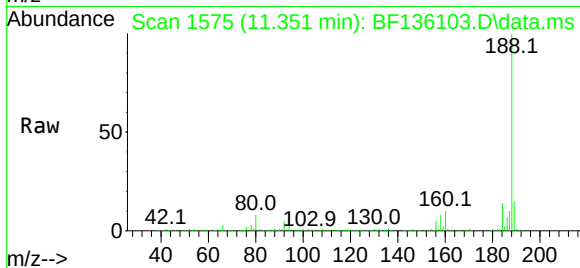
Tgt Ion:188 Resp: 336330

Ion Ratio Lower Upper

188 100

94 8.2 7.2 10.8

80 8.4 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.011 min

Lab File: BF136103.D

Acq: 02 Nov 2023 19:01

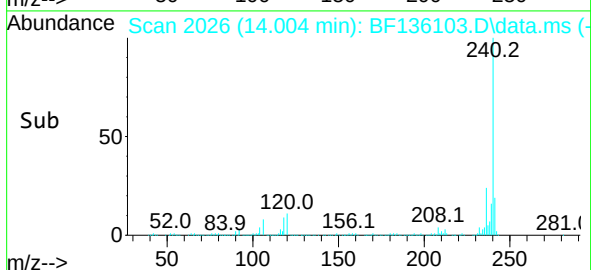
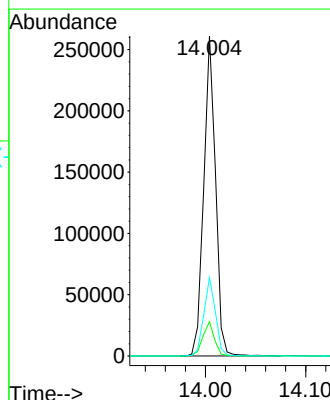
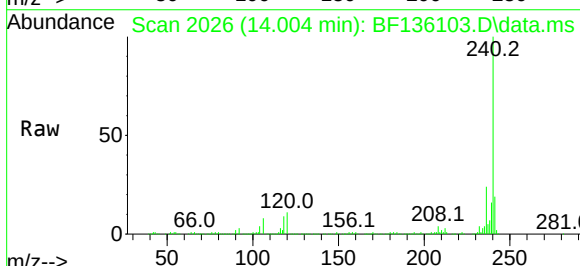
Tgt Ion:240 Resp: 214085

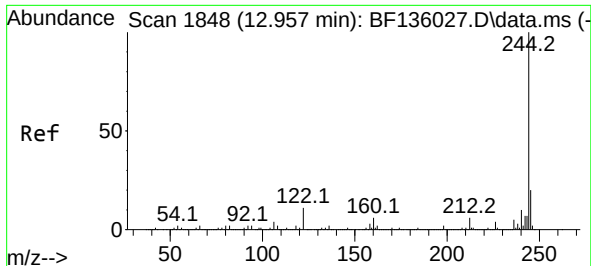
Ion Ratio Lower Upper

240 100

120 10.7 7.6 11.4

236 24.5 20.6 31.0

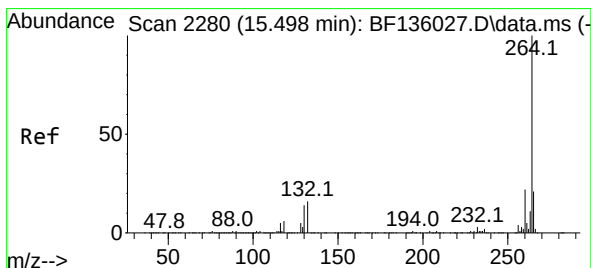
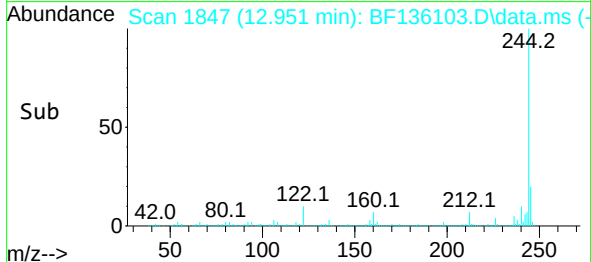
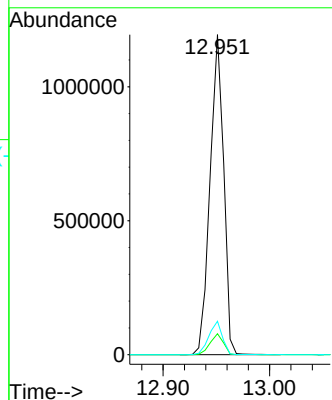
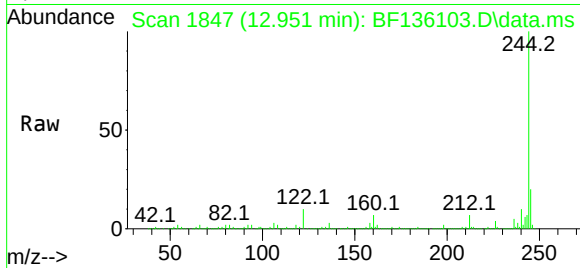




#79
 Terphenyl-d14
 Concen: 77.010 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136103.D
 Acq: 02 Nov 2023 19:01

Instrument :
 BNA_F
 ClientSampleId :
 B2

Tgt Ion:244 Resp: 1060894
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 10.5 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF136103.D
 Acq: 02 Nov 2023 19:01

Tgt Ion:264 Resp: 223871
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.9 26.9
 265 20.7 16.8 25.2

