

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
 Data File : BF136552.D
 Acq On : 13 Dec 2023 22:54
 Operator : CG\JU
 Sample : 05699-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ELM-N7THSTREET-DRUMS-CON

Quant Time: Dec 14 01:46:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	87438	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	337762	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	161595	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	252743	20.000	ng	-0.01
76) Chrysene-d12	13.969	240	172427	20.000	ng	-0.01
86) Perylene-d12	15.451	264	192261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	483165	81.607	ng	0.00
7) Phenol-d6	6.440	99	685453	92.792	ng	0.00
23) Nitrobenzene-d5	7.357	82	419015	67.065	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	115600	58.018	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	890485	75.192	ng	-0.01
79) Terphenyl-d14	12.916	244	774563	59.208	ng	0.00

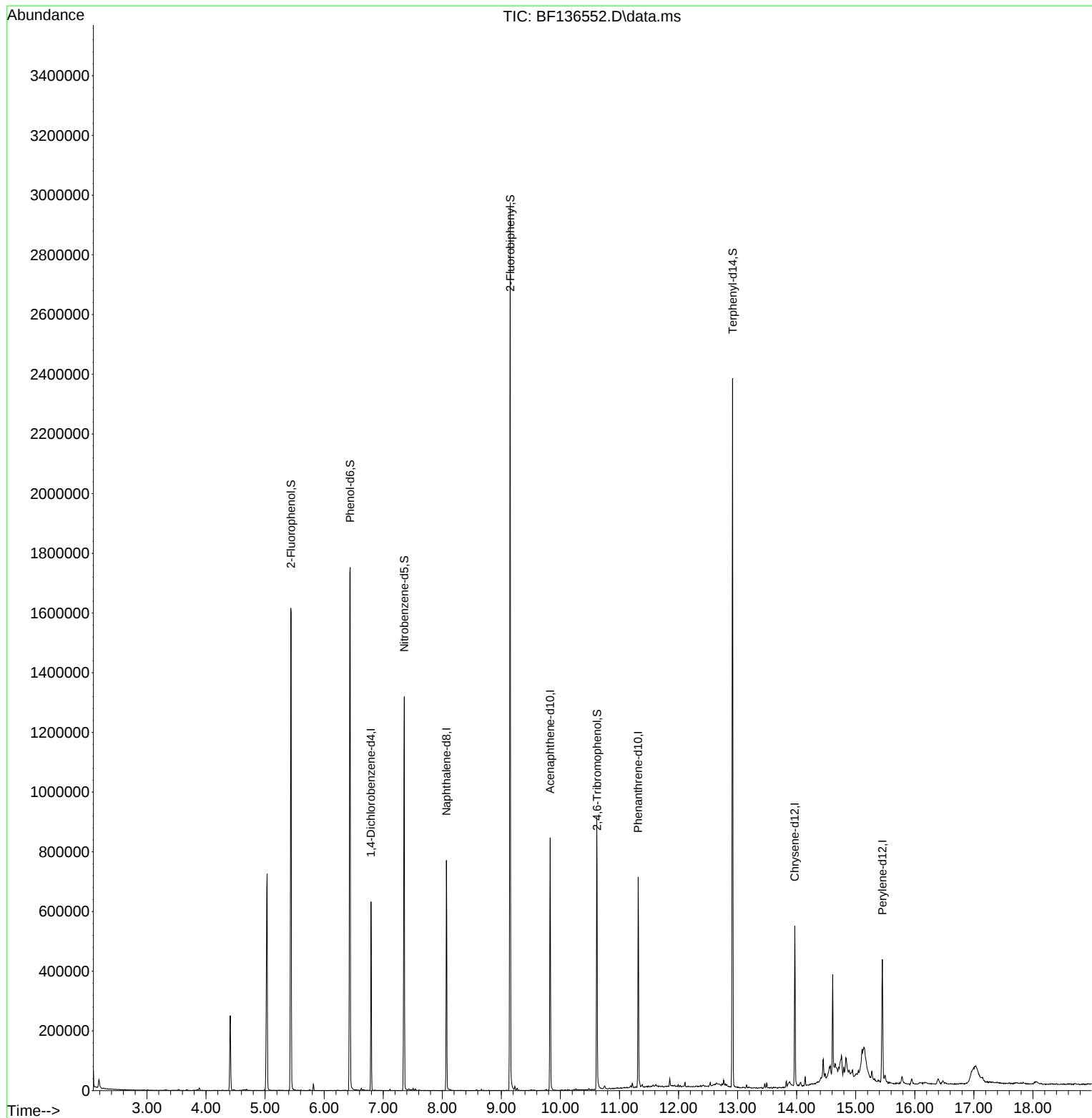
Target Compounds	Qvalue

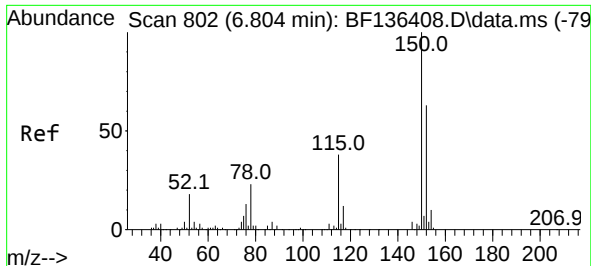
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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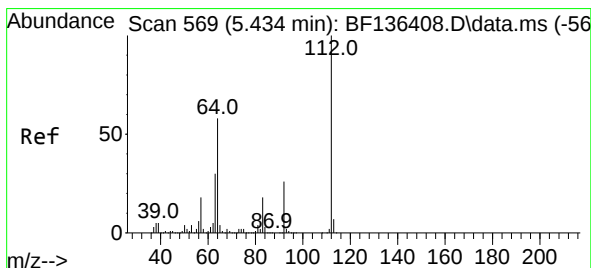
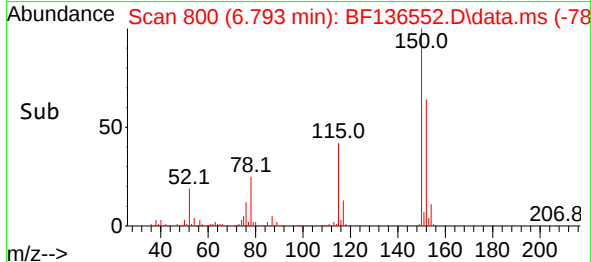
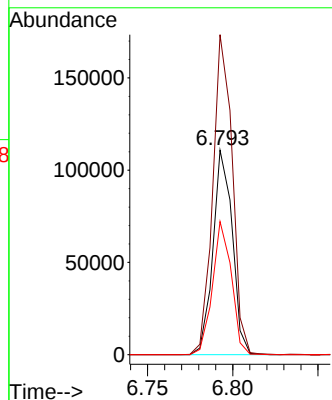
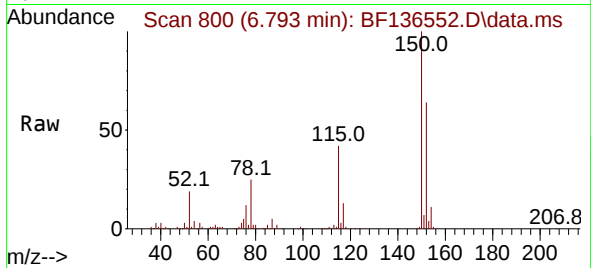




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF136552.D
Acq: 13 Dec 2023 22:54

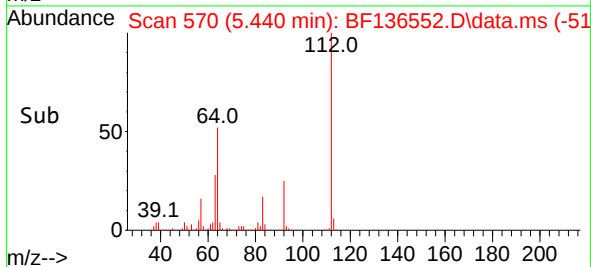
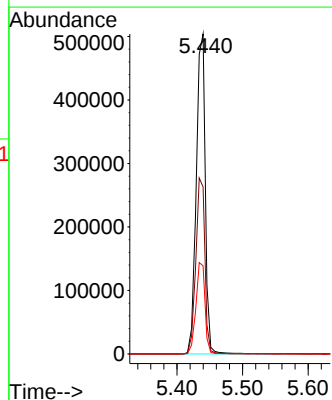
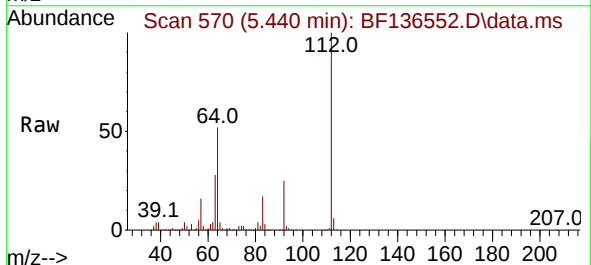
Instrument :
BNA_F
ClientSampleId :
ELM-N7THSTREET-DRUMS-CON

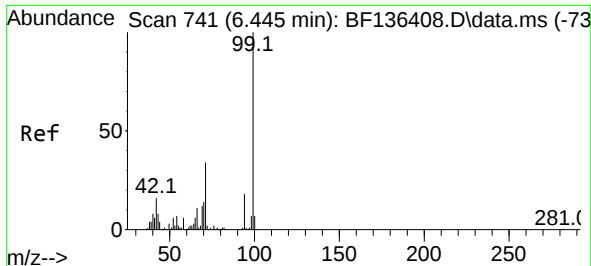
Tgt Ion:152 Resp: 87438
Ion Ratio Lower Upper
152 100
150 156.5 126.4 189.6
115 65.1 48.2 72.4



#5
2-Fluorophenol
Concen: 81.607 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF136552.D
Acq: 13 Dec 2023 22:54

Tgt Ion:112 Resp: 483165
Ion Ratio Lower Upper
112 100
64 52.2 46.5 69.7
63 27.6 23.9 35.9

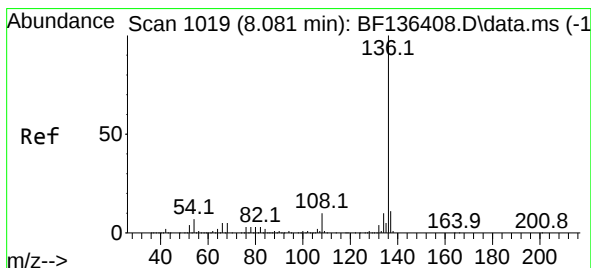
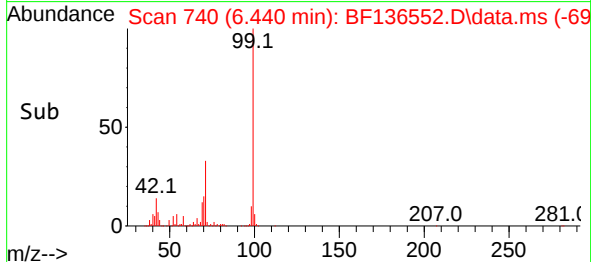
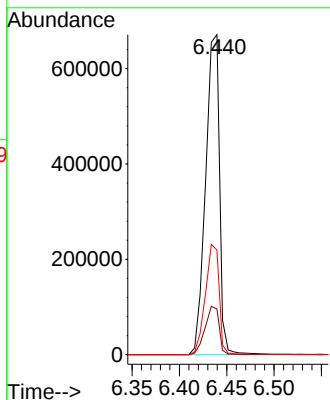
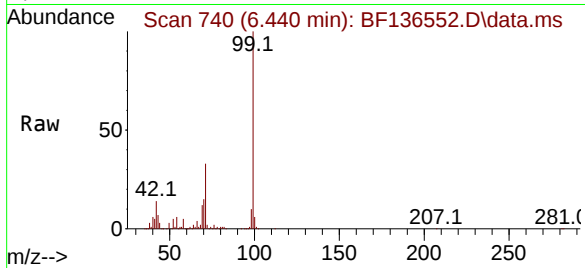




#7
Phenol-d6
Concen: 92.792 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136552.D
Acq: 13 Dec 2023 22:54

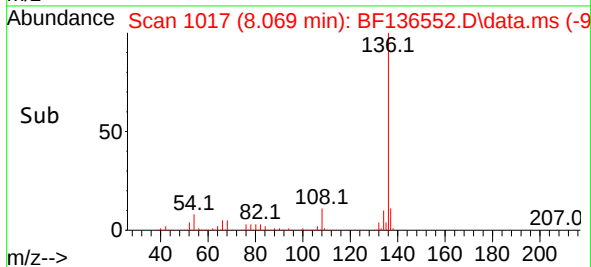
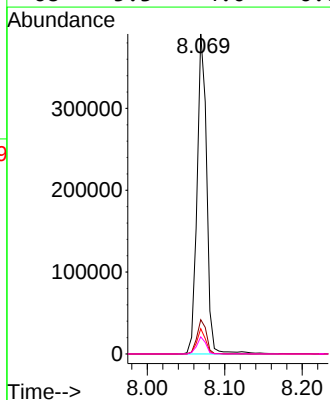
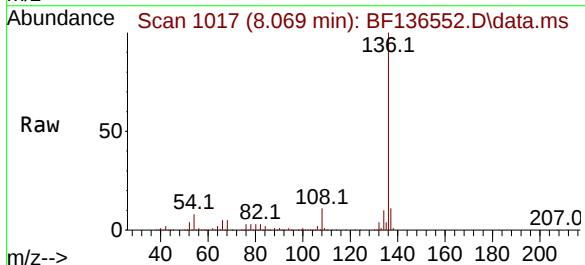
Instrument :
BNA_F
ClientSampleId :
ELM-N7THSTREET-DRUMS-CON

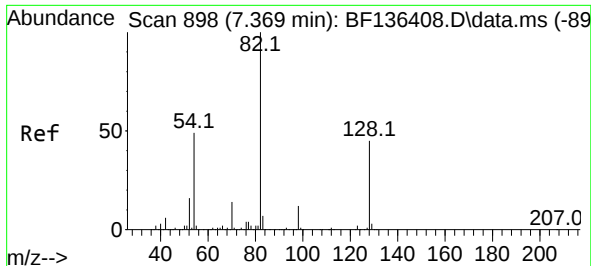
Tgt Ion: 99 Resp: 685453
Ion Ratio Lower Upper
99 100
42 14.3 12.8 19.2
71 32.7 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136552.D
Acq: 13 Dec 2023 22:54

Tgt Ion: 136 Resp: 337762
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.9 5.7 8.5
68 5.3 4.0 6.0





#23

Nitrobenzene-d5

Concen: 67.065 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136552.D

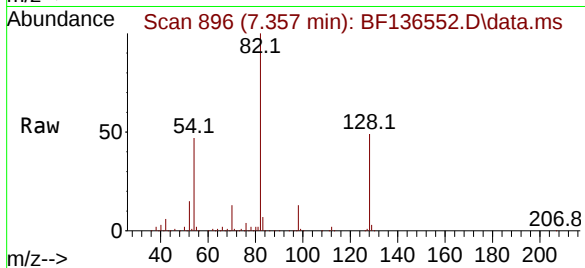
Acq: 13 Dec 2023 22:54

Instrument :

BNA_F

ClientSampleId :

ELM-N7THSTREET-DRUMS-CON



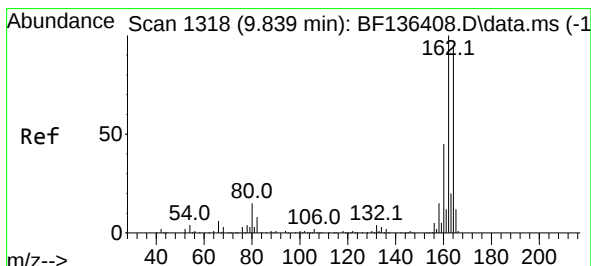
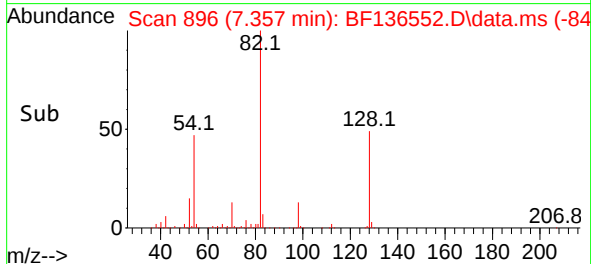
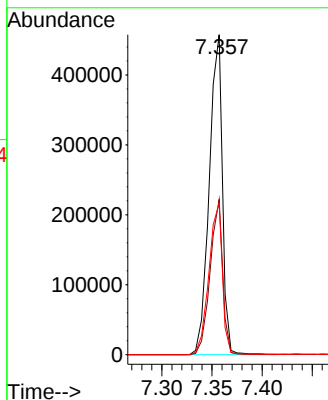
Tgt Ion: 82 Resp: 419015

Ion Ratio Lower Upper

82 100

128 48.5 36.3 54.5

54 47.4 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF136552.D

Acq: 13 Dec 2023 22:54

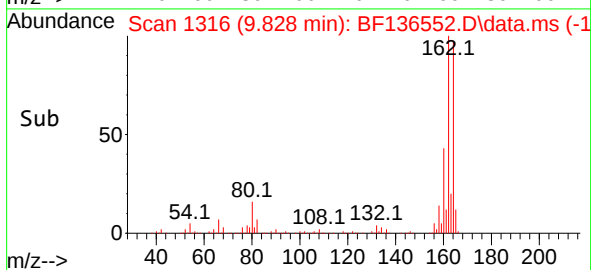
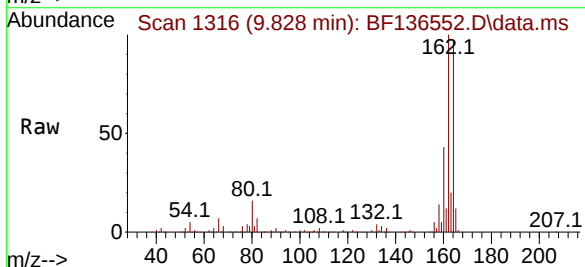
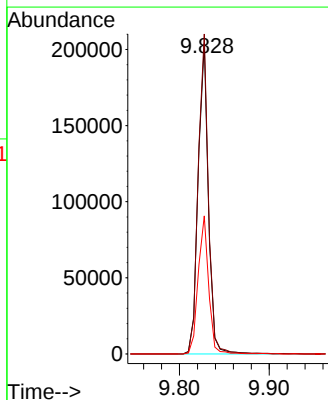
Tgt Ion:164 Resp: 161595

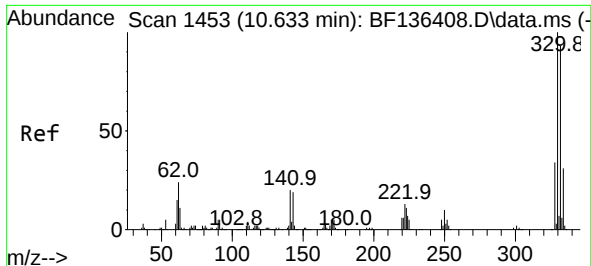
Ion Ratio Lower Upper

164 100

162 103.1 84.4 126.6

160 44.5 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 58.018 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136552.D

Acq: 13 Dec 2023 22:54

Instrument :

BNA_F

ClientSampleId :

ELM-N7THSTREET-DRUMS-CON

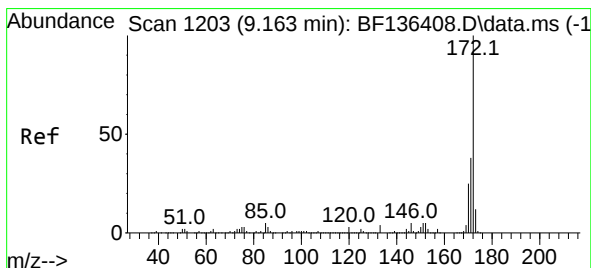
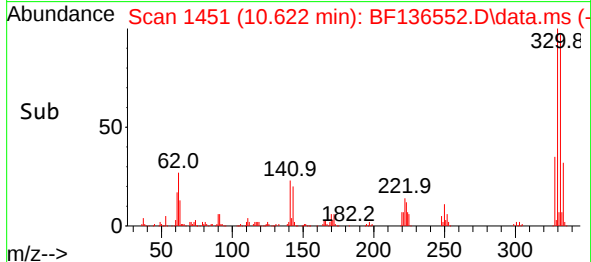
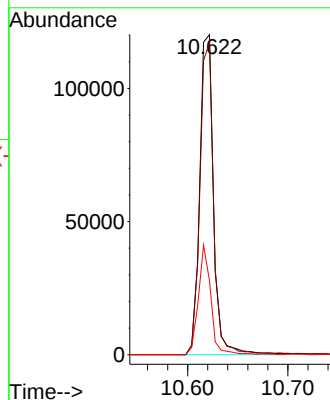
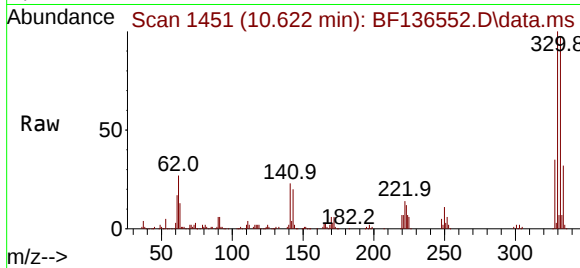
Tgt Ion:330 Resp: 115600

Ion Ratio Lower Upper

330 100

332 97.1 76.4 114.6

141 30.5 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 75.192 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136552.D

Acq: 13 Dec 2023 22:54

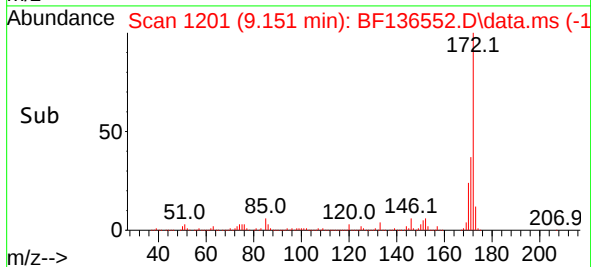
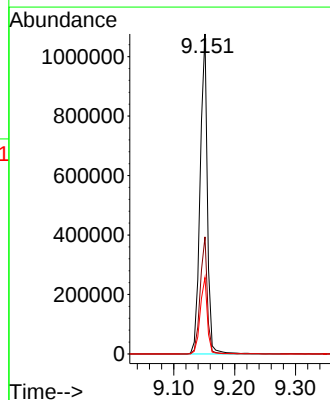
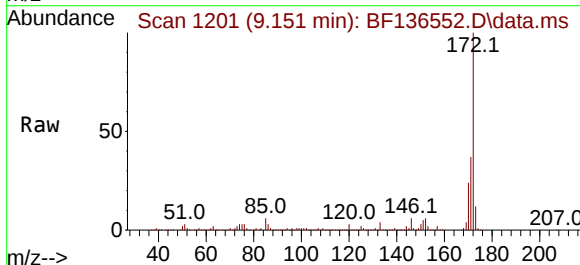
Tgt Ion:172 Resp: 890485

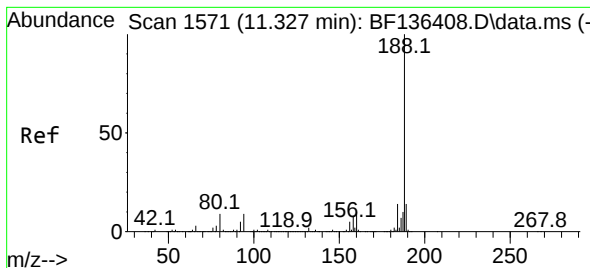
Ion Ratio Lower Upper

172 100

171 36.6 30.5 45.7

170 23.9 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136552.D

Acq: 13 Dec 2023 22:54

Instrument :

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ELM-N7THSTREET-DRUMS-CON

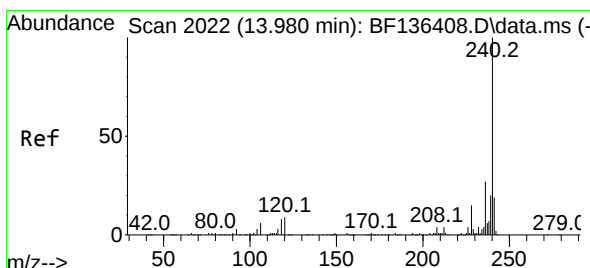
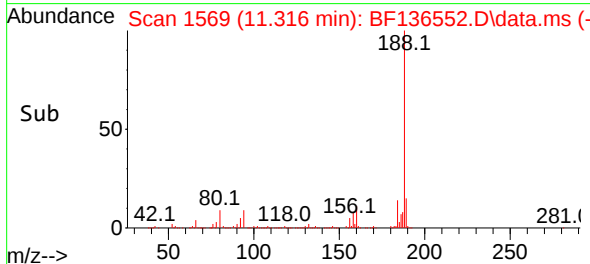
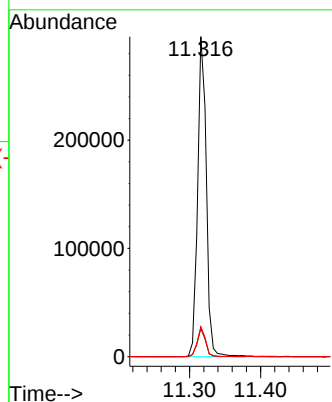
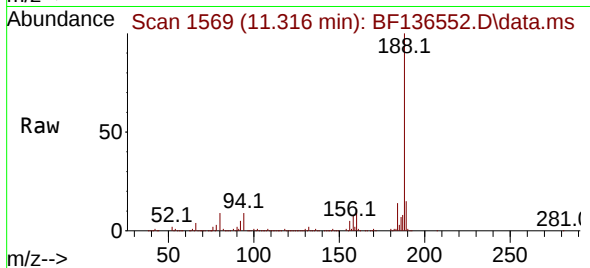
Tgt Ion:188 Resp: 252743

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

80 9.4 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. -0.012 min

Lab File: BF136552.D

Acq: 13 Dec 2023 22:54

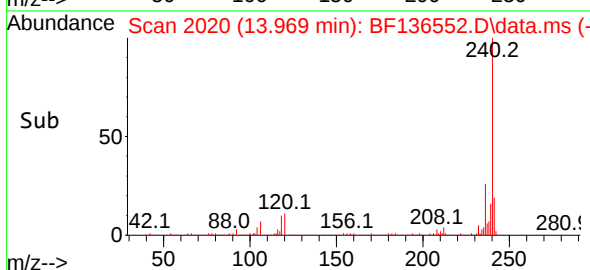
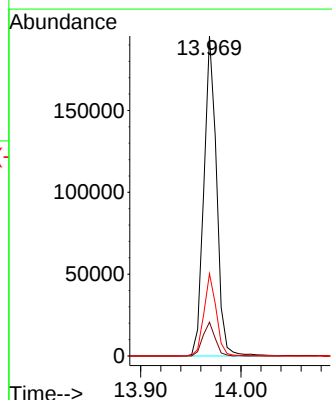
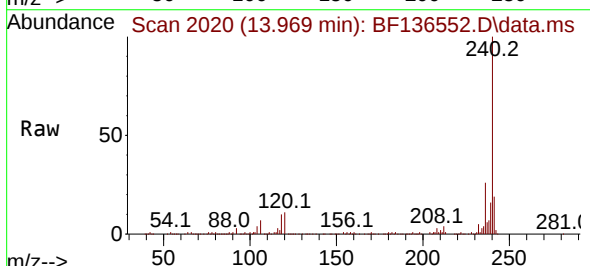
Tgt Ion:240 Resp: 172427

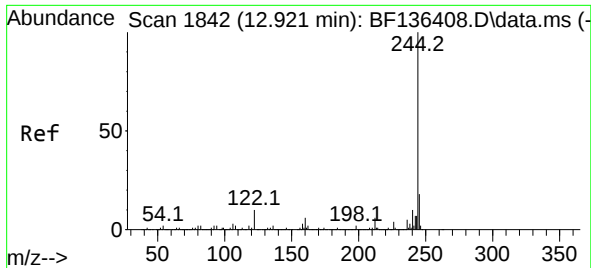
Ion Ratio Lower Upper

240 100

120 10.5 7.3 10.9

236 25.7 21.3 31.9

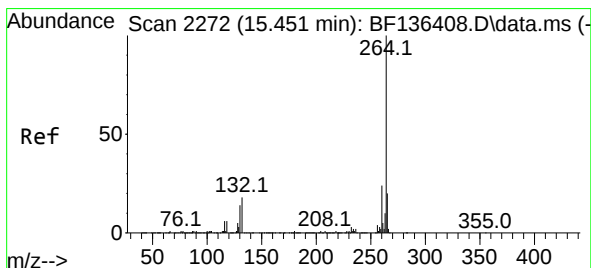
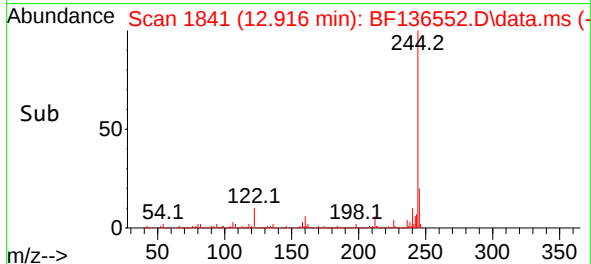
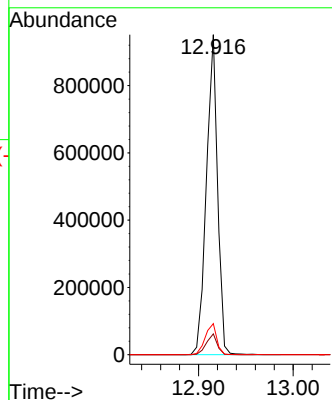
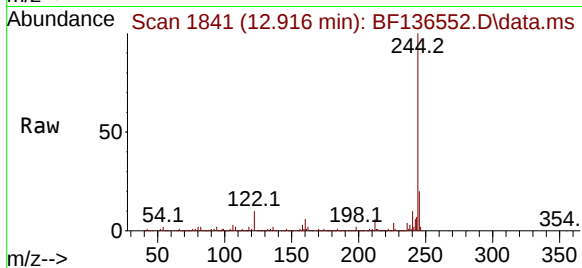




#79
 Terphenyl-d14
 Concen: 59.208 ng
 RT: 12.916 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF136552.D
 Acq: 13 Dec 2023 22:54

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Tgt Ion:244 Resp: 774563
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 9.7 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. 0.000 min
 Lab File: BF136552.D
 Acq: 13 Dec 2023 22:54

Tgt Ion:264 Resp: 192261
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 19.9 15.9 23.9

