

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136504.D
 Acq On : 11 Dec 2023 22:28
 Operator : CG\JU
 Sample : 05659-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-120623

Quant Time: Dec 11 23:47:40 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	114591	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	420134	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	178192	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	288581	20.000	ng	-0.01
76) Chrysene-d12	13.969	240	238964	20.000	ng	#-0.01
86) Perylene-d12	15.457	264	209057	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	682105	87.908	ng	0.00
7) Phenol-d6	6.440	99	804774	83.130	ng	0.00
23) Nitrobenzene-d5	7.357	82	486316	62.576	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	161570	73.537	ng	-0.02
45) 2-Fluorobiphenyl	9.151	172	914179	70.003	ng	-0.01
79) Terphenyl-d14	12.916	244	875847	48.309	ng	0.00

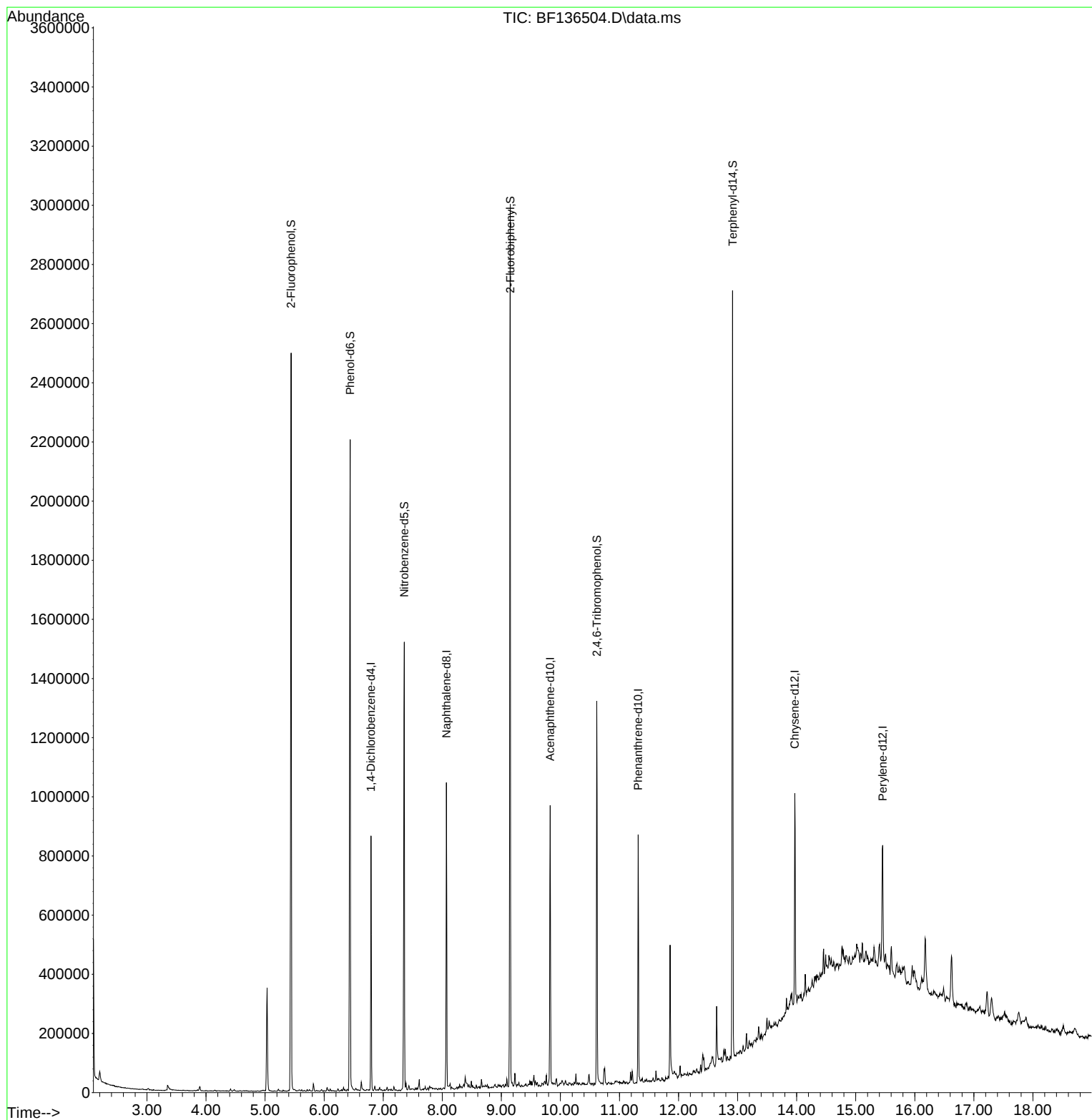
Target Compounds	Qvalue

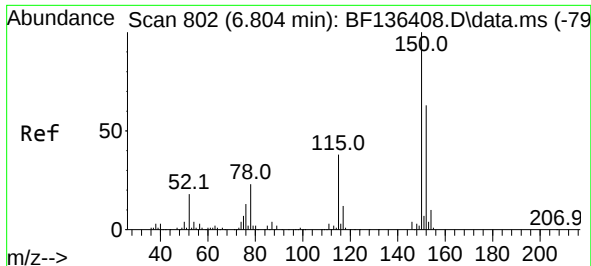
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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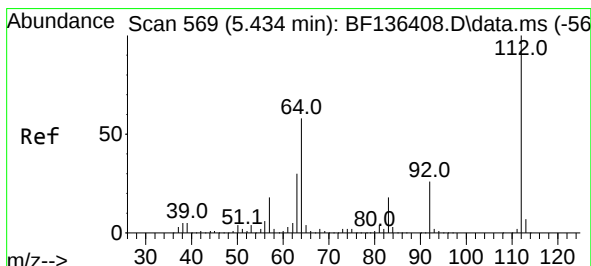
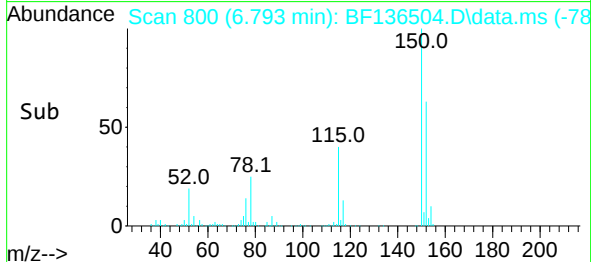
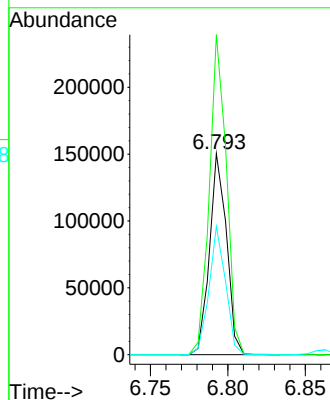
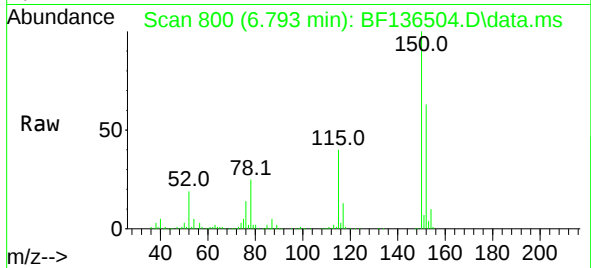




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. -0.011 min
Lab File: BF136504.D
Acq: 11 Dec 2023 22:28

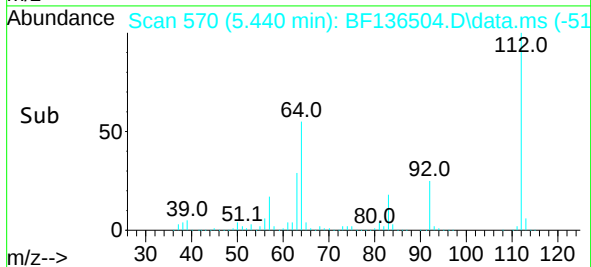
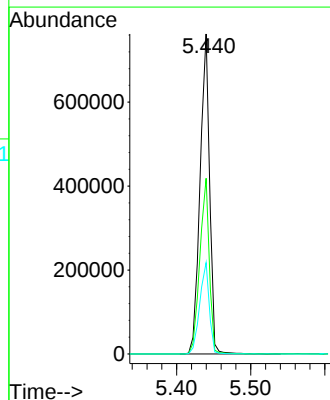
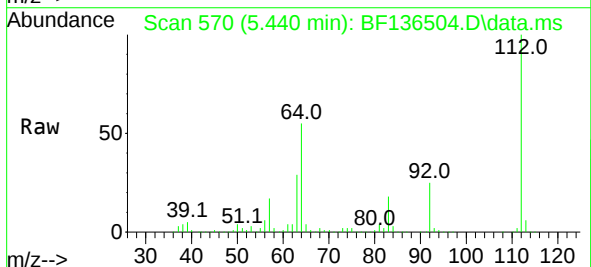
Instrument :
BNA_F
ClientSampleId :
SU-04-120623

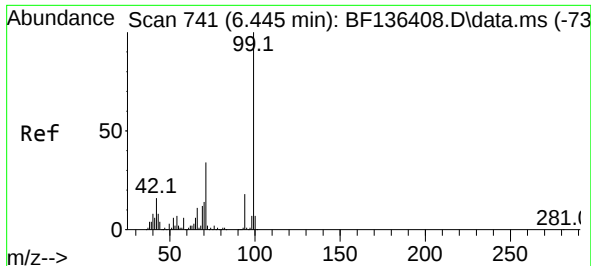
Tgt Ion:152 Resp: 114591
Ion Ratio Lower Upper
152 100
150 159.1 126.4 189.6
115 63.9 48.2 72.4



#5
2-Fluorophenol
Concen: 87.908 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF136504.D
Acq: 11 Dec 2023 22:28

Tgt Ion:112 Resp: 682105
Ion Ratio Lower Upper
112 100
64 54.9 46.5 69.7
63 28.6 23.9 35.9

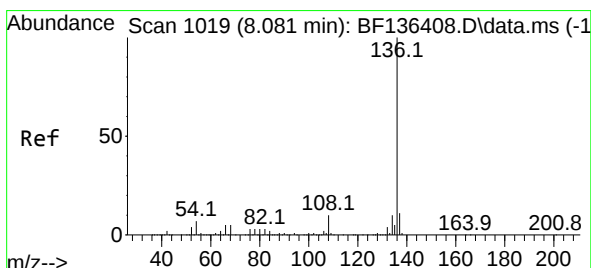
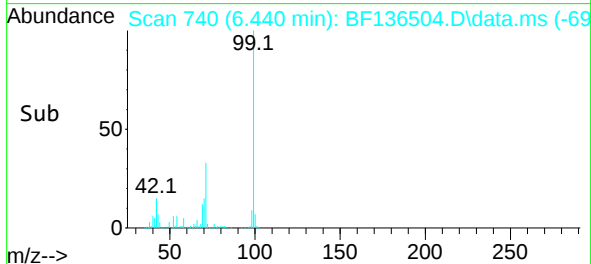
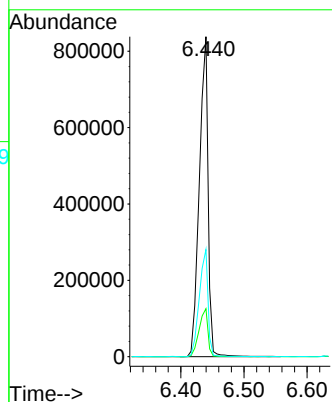
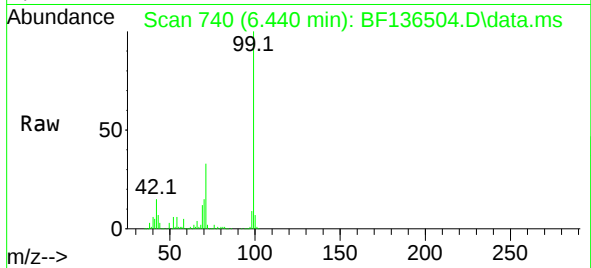




#7
Phenol-d6
Concen: 83.130 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136504.D
Acq: 11 Dec 2023 22:28

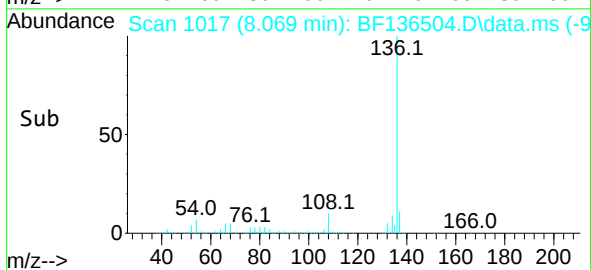
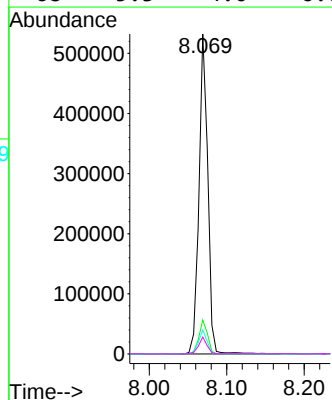
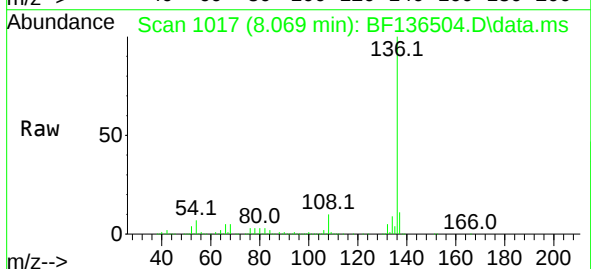
Instrument :
BNA_F
ClientSampleId :
SU-04-120623

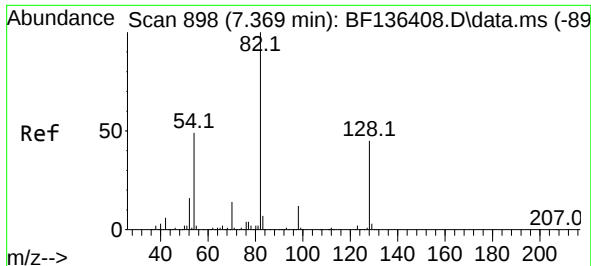
Tgt Ion: 99 Resp: 804774
Ion Ratio Lower Upper
99 100
42 15.0 12.8 19.2
71 33.5 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136504.D
Acq: 11 Dec 2023 22:28

Tgt Ion: 136 Resp: 420134
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.5 5.7 8.5
68 5.3 4.0 6.0





#23

Nitrobenzene-d5

Concen: 62.576 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136504.D

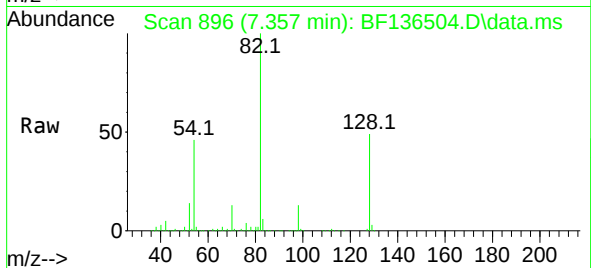
Acq: 11 Dec 2023 22:28

Instrument :

BNA_F

ClientSampleId :

SU-04-120623



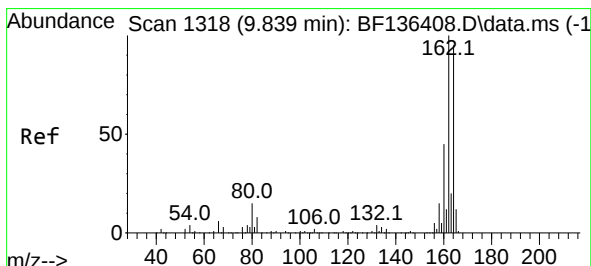
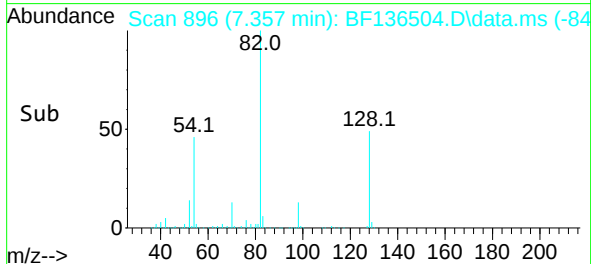
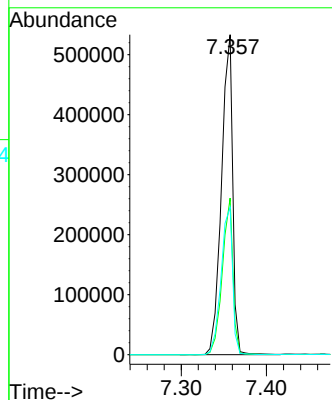
Tgt Ion: 82 Resp: 486316

Ion Ratio Lower Upper

82 100

128 49.0 36.3 54.5

54 46.1 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: BF136504.D

Acq: 11 Dec 2023 22:28

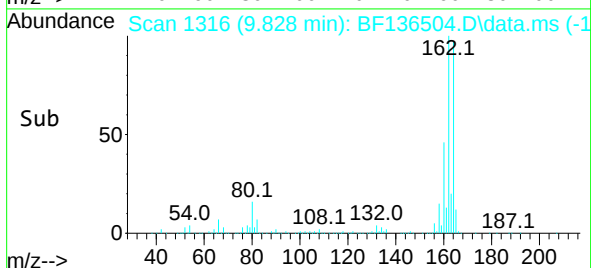
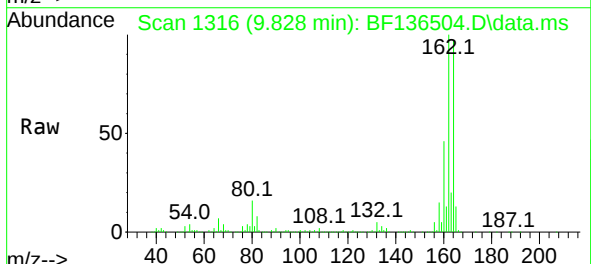
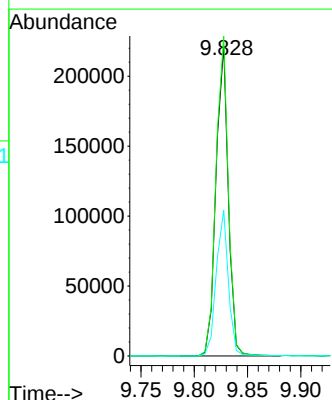
Tgt Ion: 164 Resp: 178192

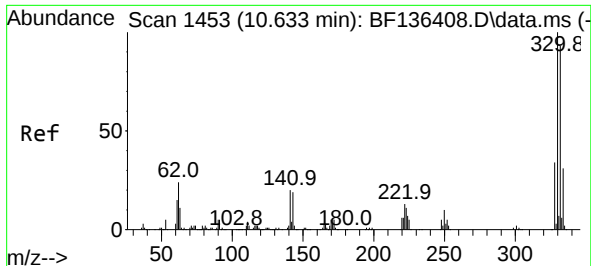
Ion Ratio Lower Upper

164 100

162 103.2 84.4 126.6

160 47.0 37.6 56.4

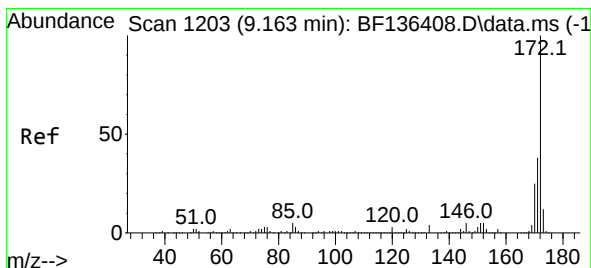
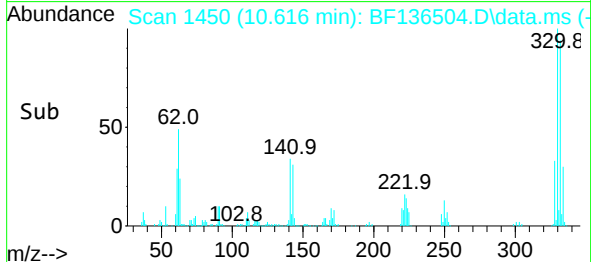
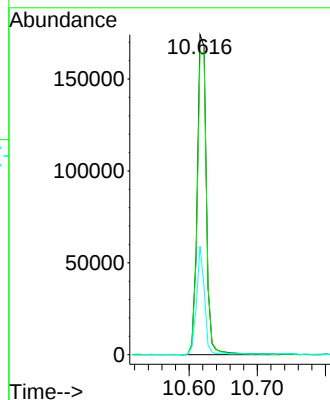
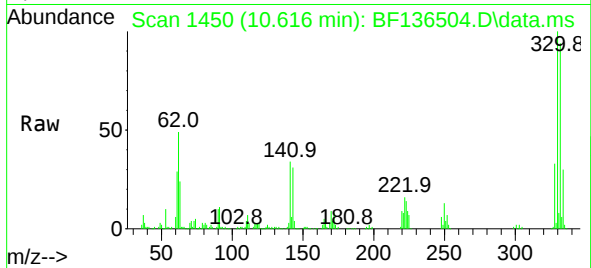




#42
 2,4,6-Tribromophenol
 Concen: 73.537 ng
 RT: 10.616 min Scan# 1453
 Delta R.T. -0.018 min
 Lab File: BF136504.D
 Acq: 11 Dec 2023 22:28

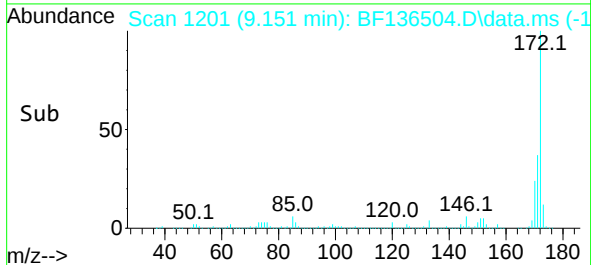
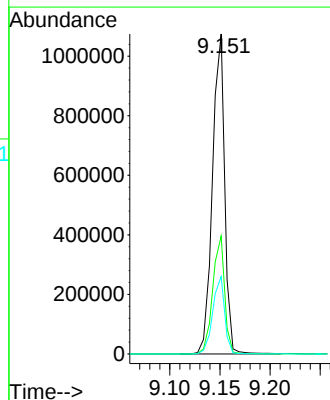
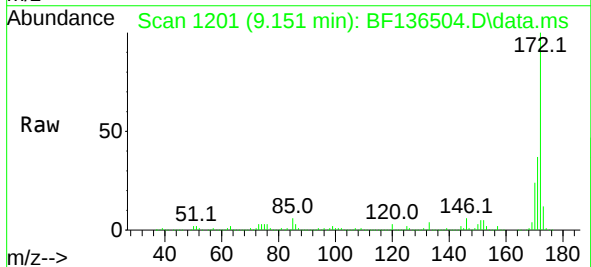
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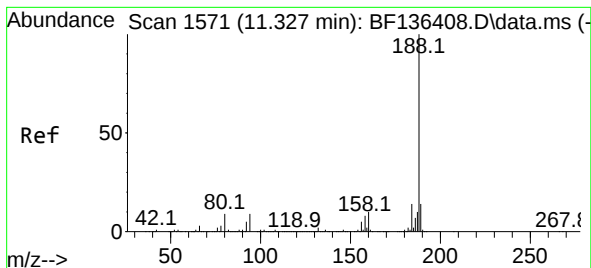
Tgt Ion: 330 Resp: 161570
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.4 114.6
 141 29.6 23.4 35.2



#45
 2-Fluorobiphenyl
 Concen: 70.003 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. -0.012 min
 Lab File: BF136504.D
 Acq: 11 Dec 2023 22:28

Tgt Ion: 172 Resp: 914179
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.5 45.7
 170 24.2 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136504.D

Acq: 11 Dec 2023 22:28

Instrument :

BNA_F

ClientSampleId :

SU-04-120623

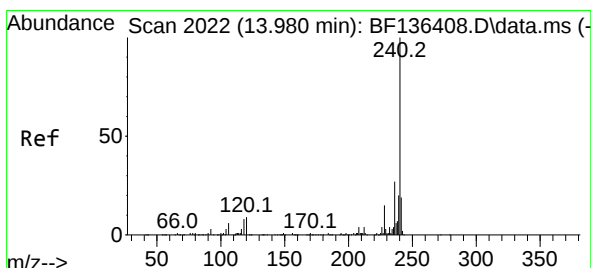
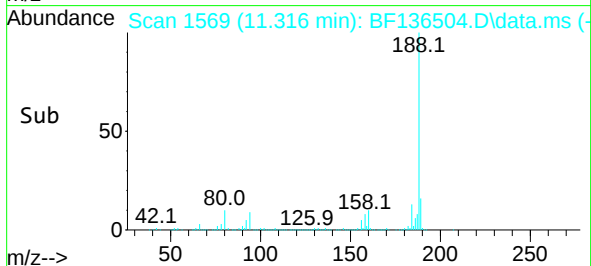
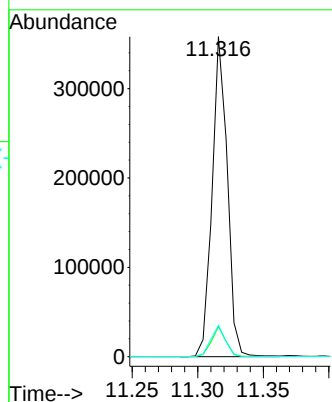
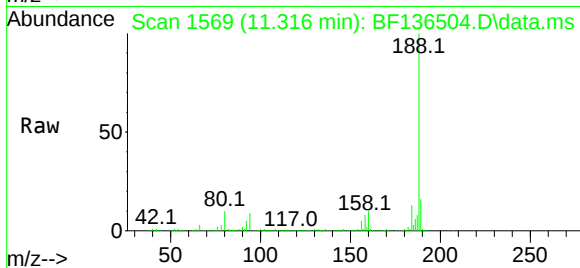
Tgt Ion:188 Resp: 288581

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

80 9.8 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: BF136504.D

Acq: 11 Dec 2023 22:28

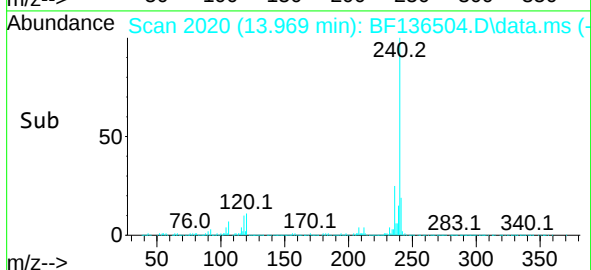
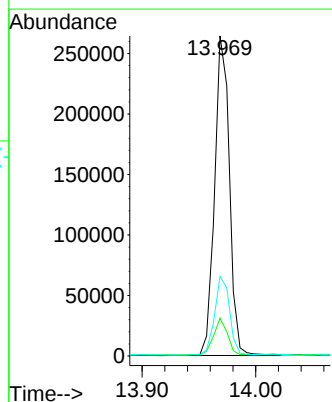
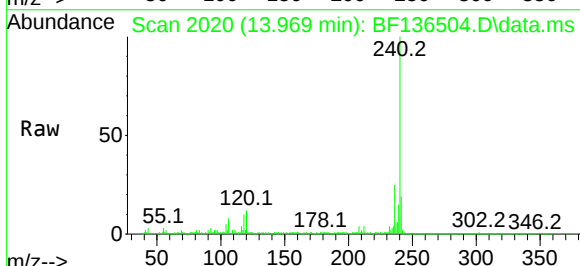
Tgt Ion:240 Resp: 238964

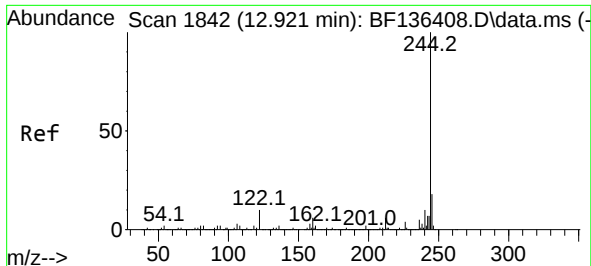
Ion Ratio Lower Upper

240 100

120 11.8 7.3 10.9#

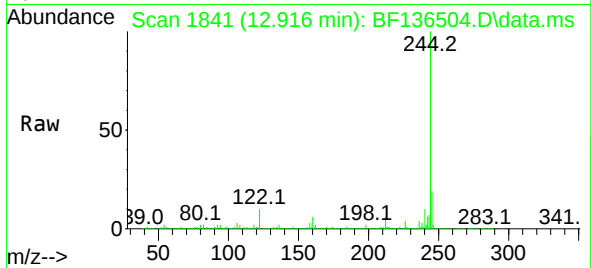
236 24.9 21.3 31.9



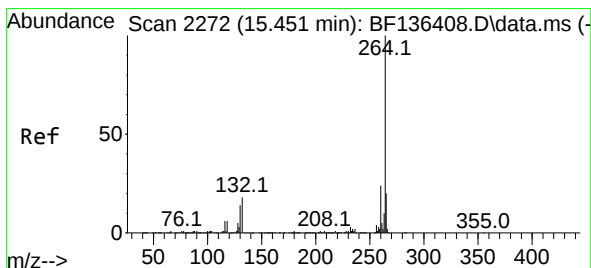
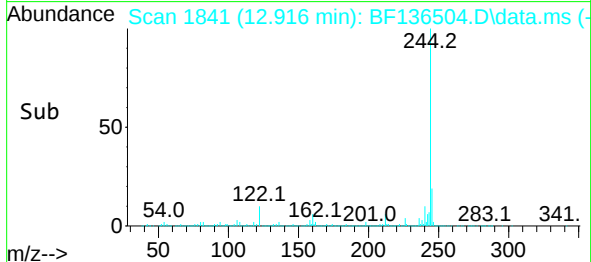
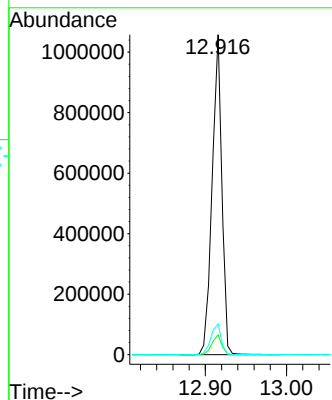


#79
 Terphenyl-d14
 Concen: 48.309 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136504.D
 Acq: 11 Dec 2023 22:28

Instrument :
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Tgt Ion:244 Resp: 875847
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 9.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. 0.006 min
 Lab File: BF136504.D
 Acq: 11 Dec 2023 22:28

Tgt Ion:264 Resp: 209057
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 22.9 15.9 23.9

