

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
 Data File : BF136429.D
 Acq On : 06 Dec 2023 15:37
 Operator : CG\JU
 Sample : 05538-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-02-112223

Quant Time: Dec 06 15:56:55 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	6.798	152	98764	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	351826	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	140127	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	216337	20.000	ng	#-0.01
76) Chrysene-d12	13.969	240	216361	20.000	ng	-0.01
86) Perylene-d12	15.451	264	169847	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	493843	73.845	ng	0.00
7) Phenol-d6	6.428	99	594421	71.241	ng	-0.02
23) Nitrobenzene-d5	7.357	82	347410	53.382	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	108525	62.812	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	620971	60.468	ng	-0.01
79) Terphenyl-d14	12.916	244	620363	37.792	ng	0.00

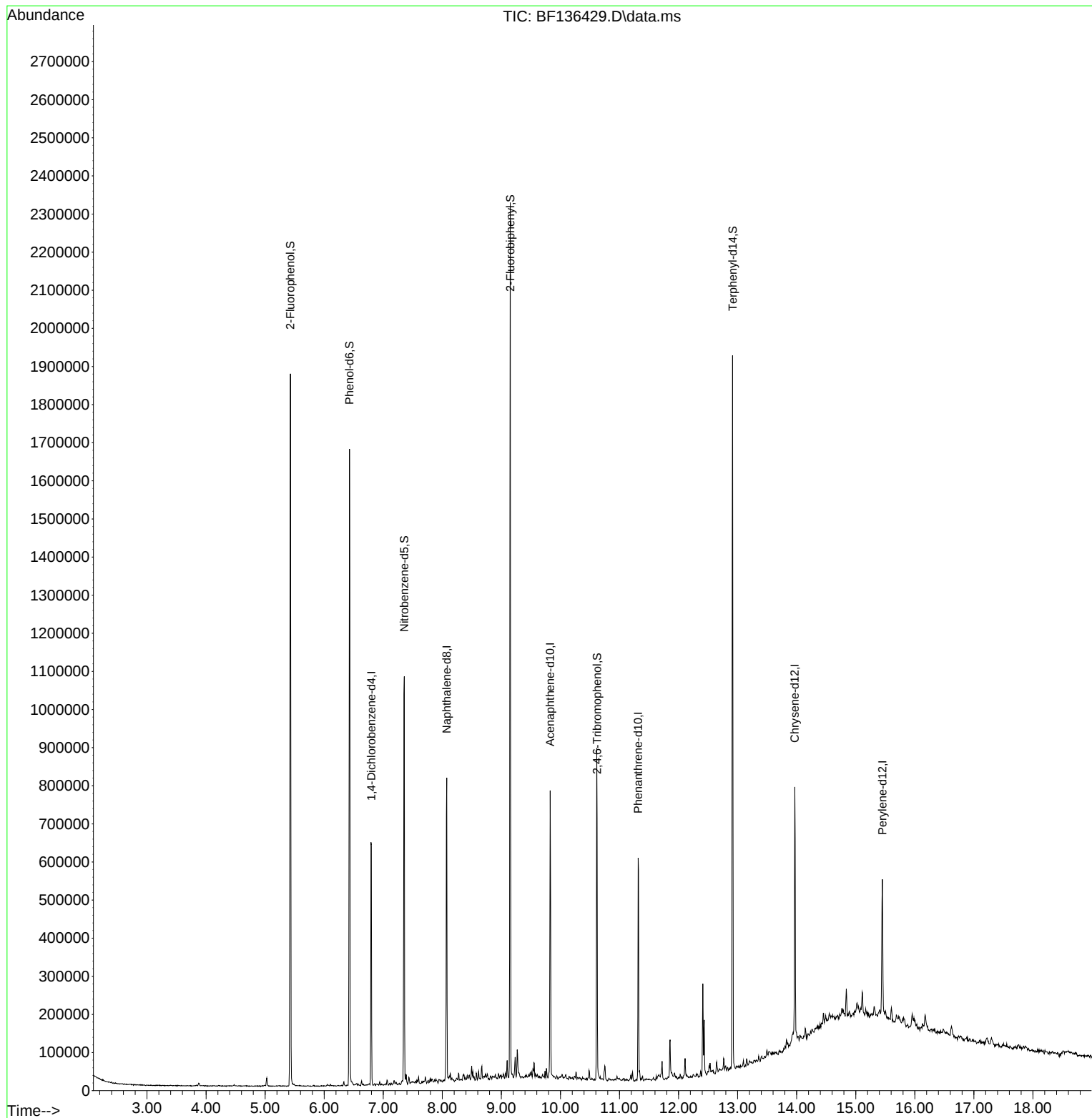
Target Compounds	Qvalue

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

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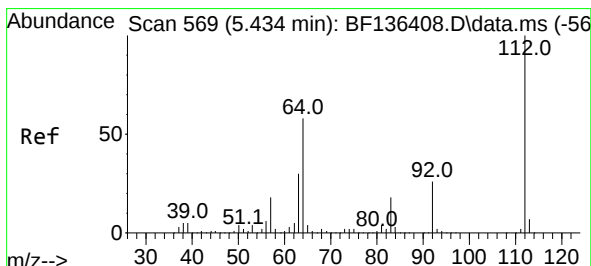
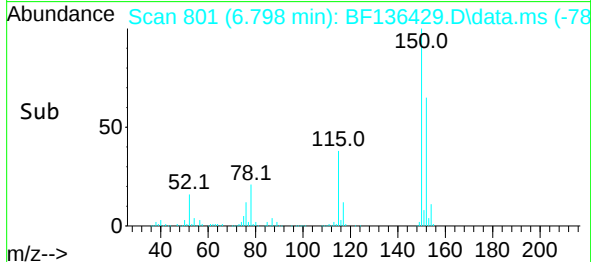
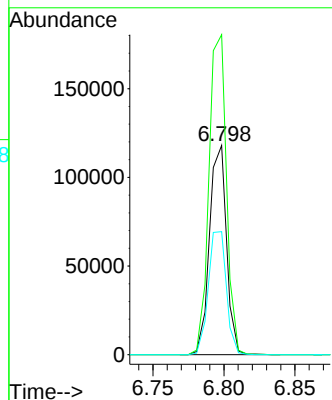
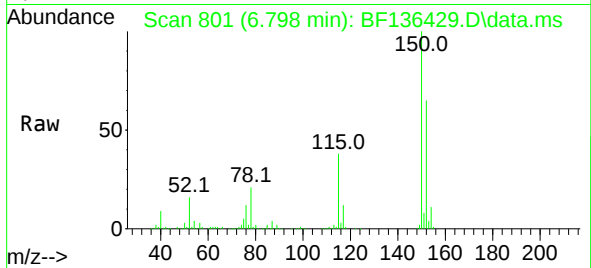




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF136429.D
Acq: 06 Dec 2023 15:37

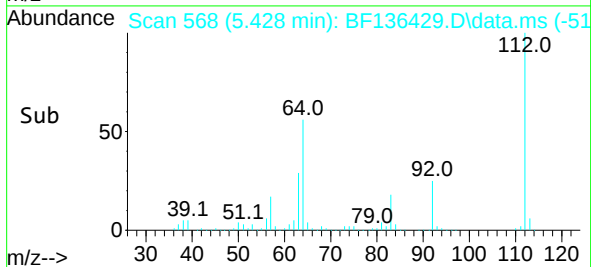
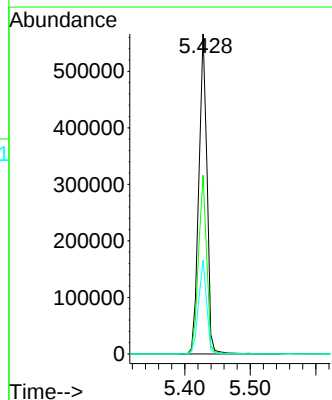
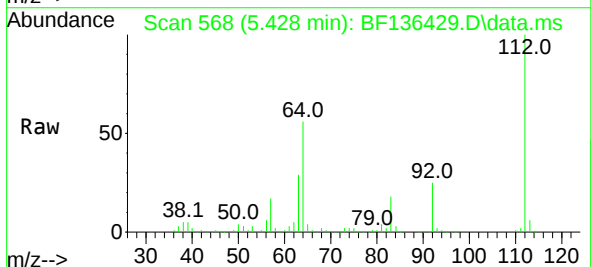
Instrument :
BNA_F
ClientSampleId :
HR-02-112223

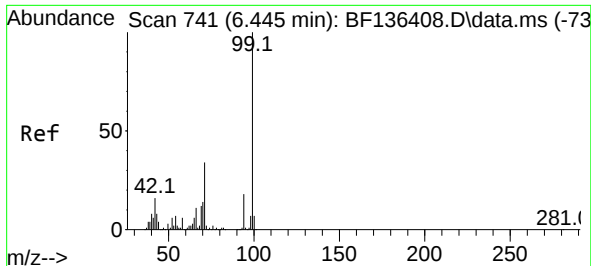
Tgt Ion:152 Resp: 98764
Ion Ratio Lower Upper
152 100
150 152.9 126.4 189.6
115 58.8 48.2 72.4



#5
2-Fluorophenol
Concen: 73.845 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.006 min
Lab File: BF136429.D
Acq: 06 Dec 2023 15:37

Tgt Ion:112 Resp: 493843
Ion Ratio Lower Upper
112 100
64 55.9 46.5 69.7
63 29.3 23.9 35.9

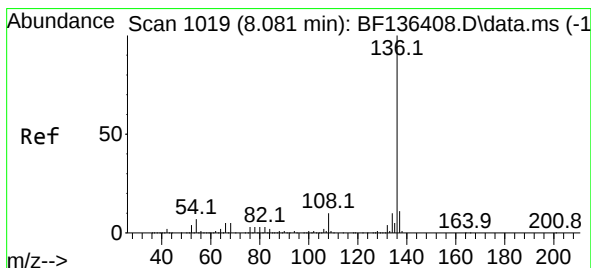
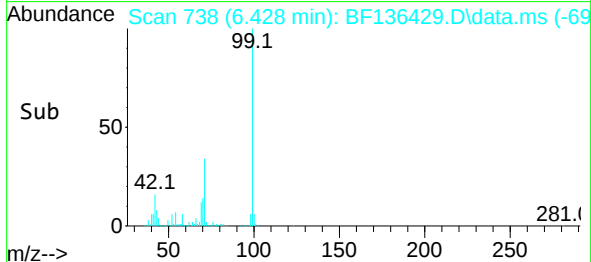
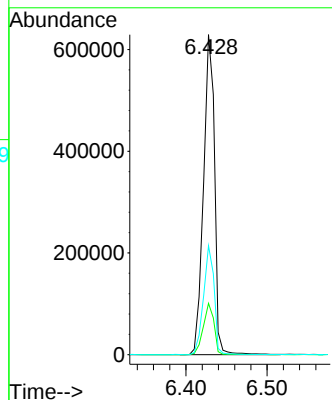
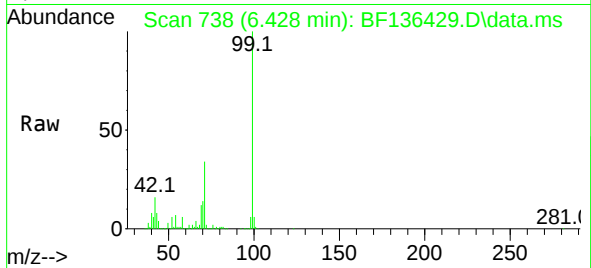




#7
Phenol-d6
Concen: 71.241 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136429.D
Acq: 06 Dec 2023 15:37

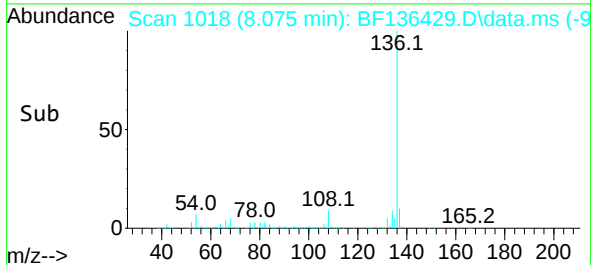
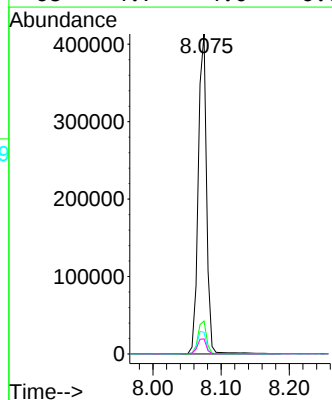
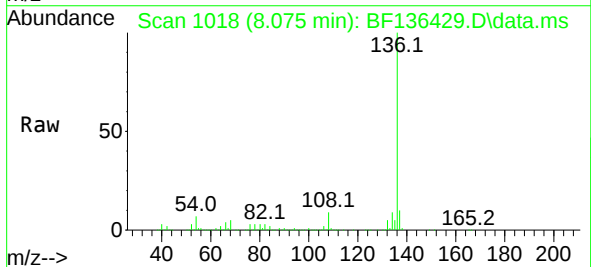
Instrument :
BNA_F
ClientSampleId :
HR-02-112223

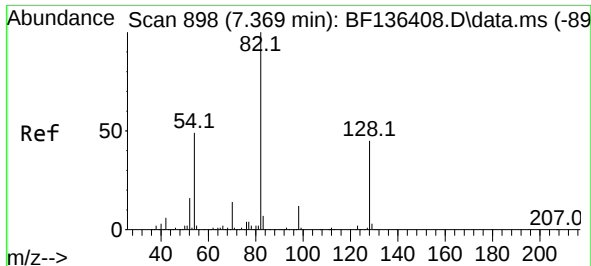
Tgt Ion: 99 Resp: 594421
Ion Ratio Lower Upper
99 100
42 16.1 12.8 19.2
71 34.0 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136429.D
Acq: 06 Dec 2023 15:37

Tgt Ion: 136 Resp: 351826
Ion Ratio Lower Upper
136 100
137 10.3 8.6 12.8
54 6.8 5.7 8.5
68 4.7 4.0 6.0





#23

Nitrobenzene-d5

Concen: 53.382 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136429.D

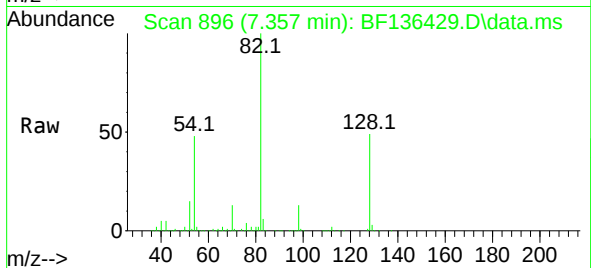
Acq: 06 Dec 2023 15:37

Instrument :

BNA_F

ClientSampleId :

HR-02-112223



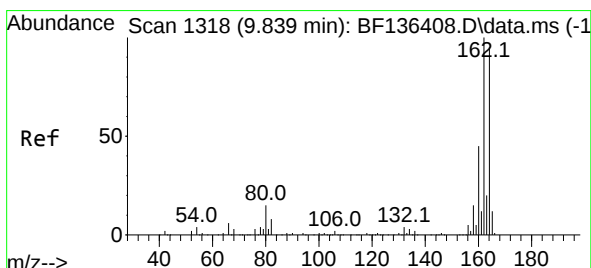
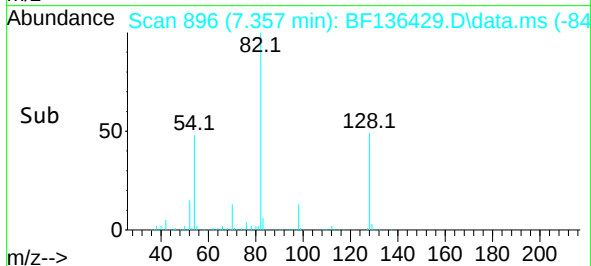
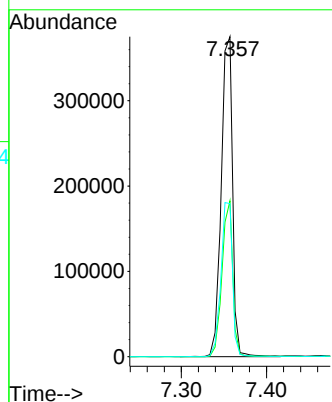
Tgt Ion: 82 Resp: 347410

Ion Ratio Lower Upper

82 100

128 48.7 36.3 54.5

54 47.8 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: BF136429.D

Acq: 06 Dec 2023 15:37

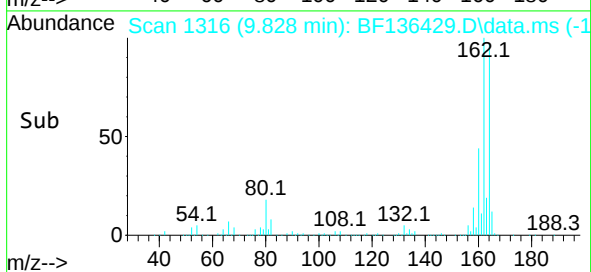
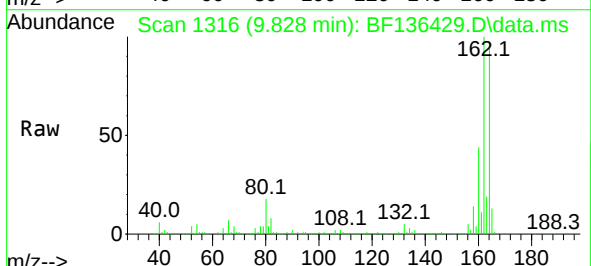
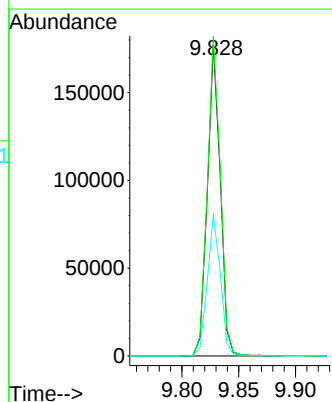
Tgt Ion:164 Resp: 140127

Ion Ratio Lower Upper

164 100

162 102.7 84.4 126.6

160 45.2 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 62.812 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136429.D

Acq: 06 Dec 2023 15:37

Instrument :

BNA_F

ClientSampleId :

HR-02-112223

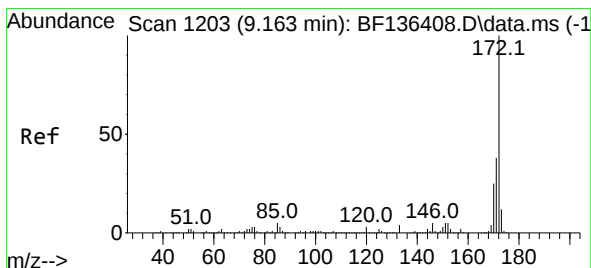
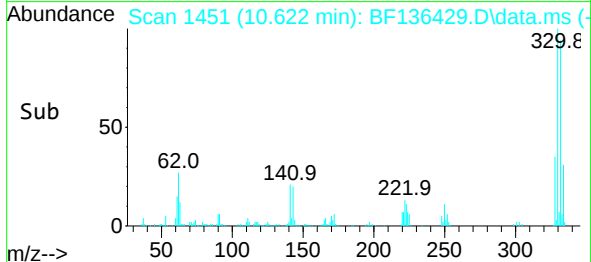
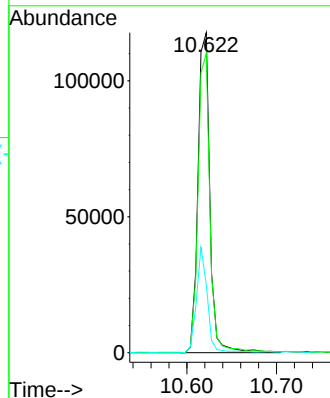
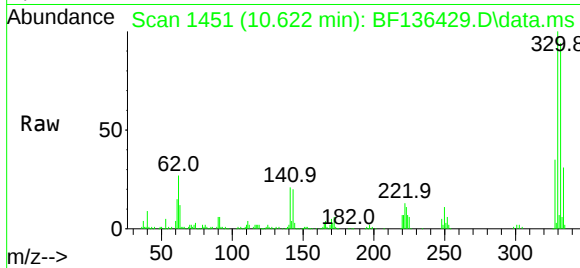
Tgt Ion:330 Resp: 108525

Ion Ratio Lower Upper

330 100

332 93.8 76.4 114.6

141 29.3 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 60.468 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136429.D

Acq: 06 Dec 2023 15:37

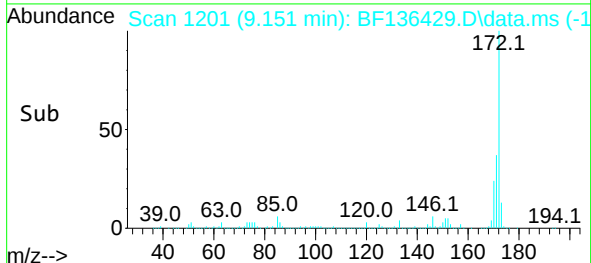
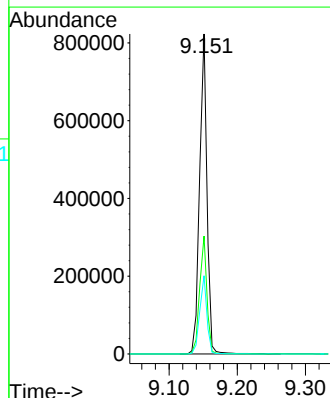
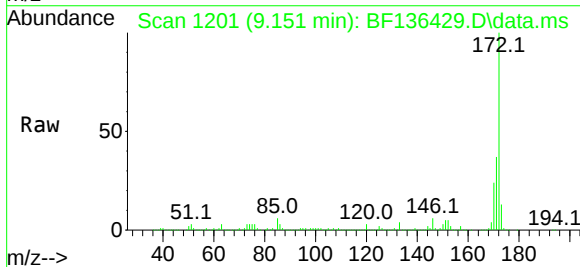
Tgt Ion:172 Resp: 620971

Ion Ratio Lower Upper

172 100

171 36.8 30.5 45.7

170 24.4 19.9 29.9

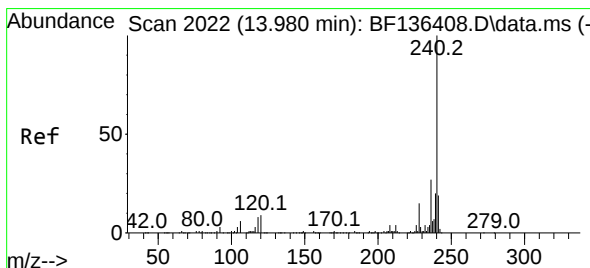
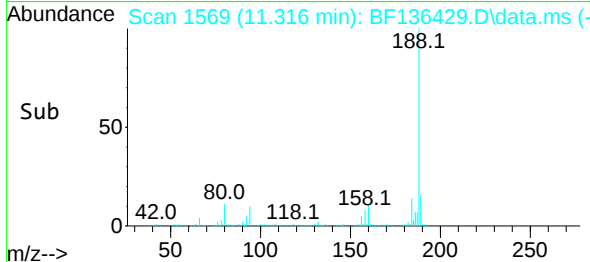
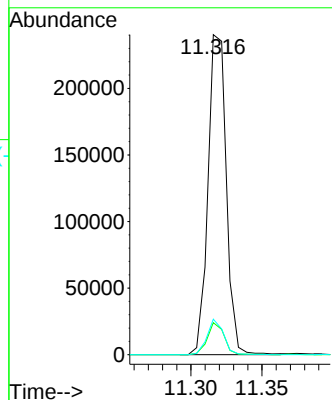
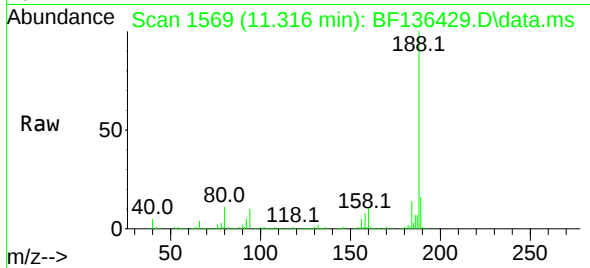




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136429.D
Acq: 06 Dec 2023 15:37

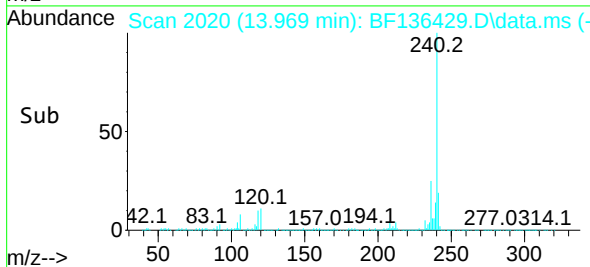
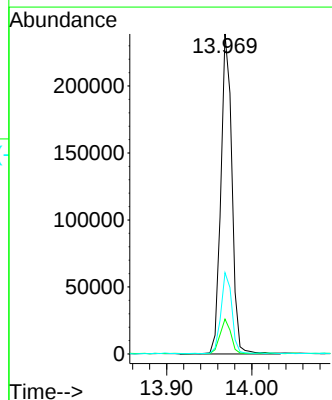
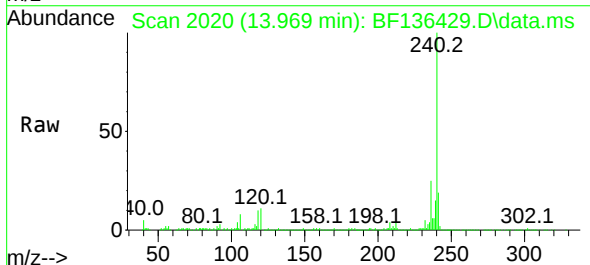
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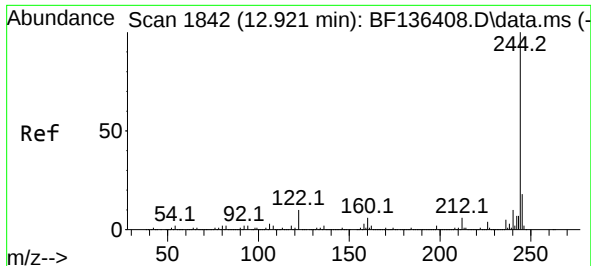
Tgt Ion:188 Resp: 216337
Ion Ratio Lower Upper
188 100
94 10.0 7.2 10.8
80 11.1 7.2 10.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136429.D
Acq: 06 Dec 2023 15:37

Tgt Ion:240 Resp: 216361
Ion Ratio Lower Upper
240 100
120 10.9 7.3 10.9
236 25.4 21.3 31.9

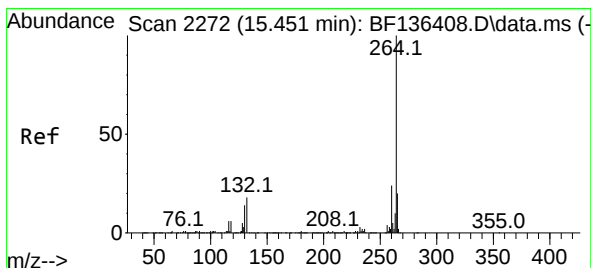
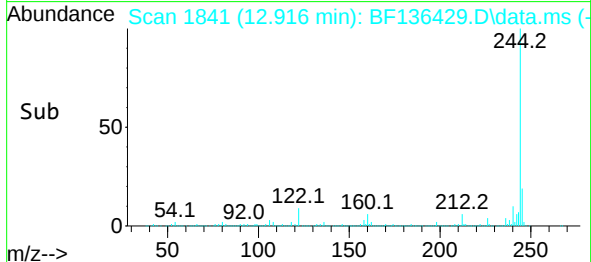
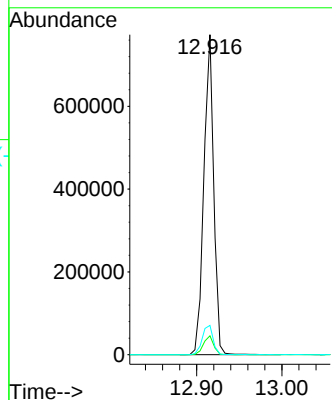
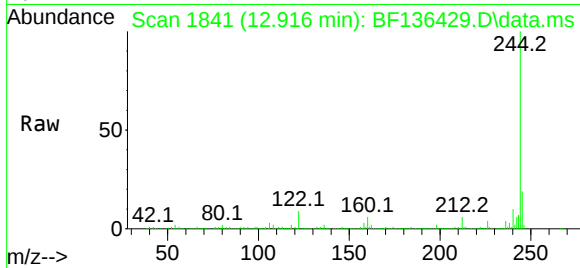




#79
 Terphenyl-d14
 Concen: 37.792 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136429.D
 Acq: 06 Dec 2023 15:37

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 620363
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.0 7.4
 122 9.1 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: BF136429.D
 Acq: 06 Dec 2023 15:37

Tgt Ion:264 Resp: 169847
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.3 15.9 23.9

