

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
 Data File : BF136477.D
 Acq On : 08 Dec 2023 20:14
 Operator : CG\JU
 Sample : 05599-01RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-01RE

Quant Time: Dec 08 22:30:50 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	112778	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	442567	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	212760	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	336665	20.000	ng	0.00
76) Chrysene-d12	13.974	240	206424	20.000	ng	0.00
86) Perylene-d12	15.451	264	195617	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	627618	82.187	ng	0.00
7) Phenol-d6	6.440	99	809307	84.942	ng	0.00
23) Nitrobenzene-d5	7.357	82	501190	61.221	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	174294	66.440	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1013405	64.993	ng	-0.01
79) Terphenyl-d14	12.916	244	820269	52.375	ng	0.00

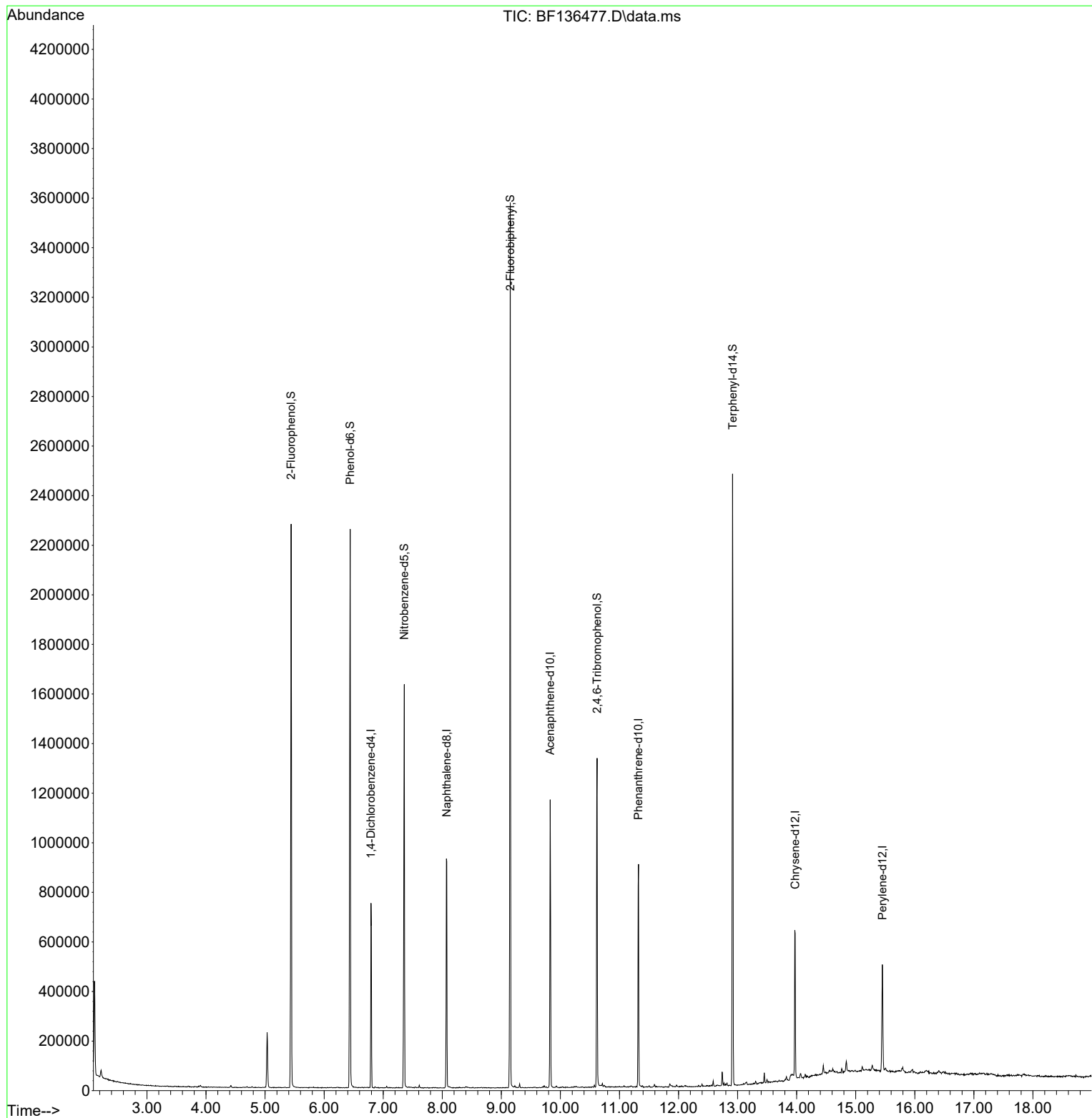
Target Compounds	Qvalue

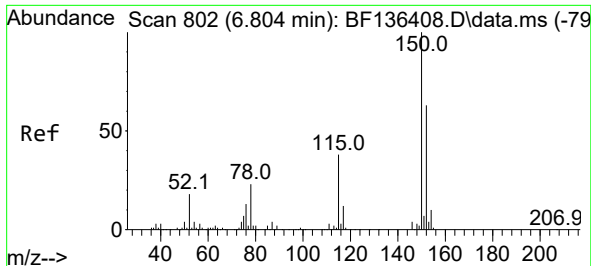
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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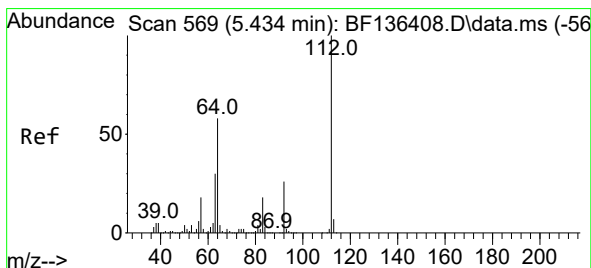
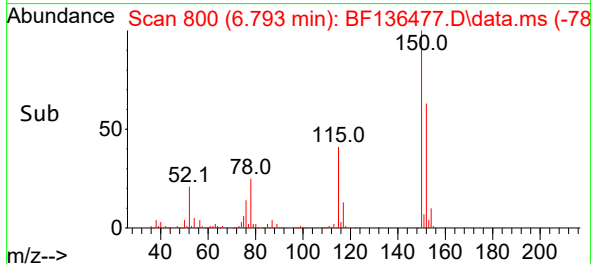
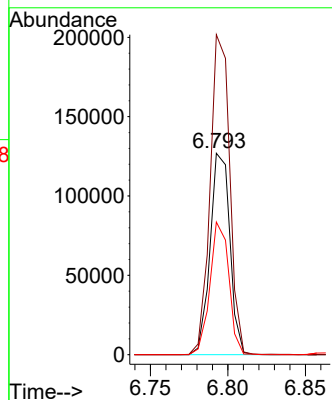
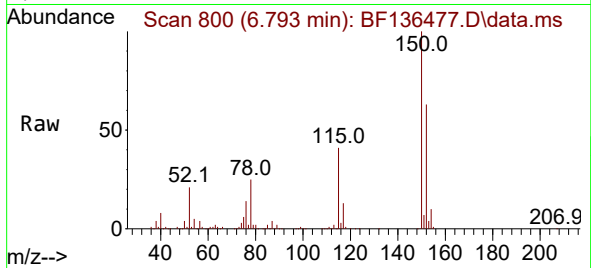




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 802
Delta R.T. -0.011 min
Lab File: BF136477.D
Acq: 08 Dec 2023 20:14

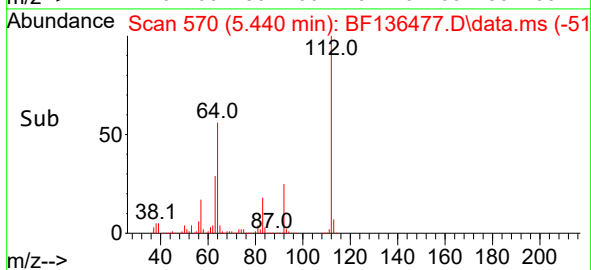
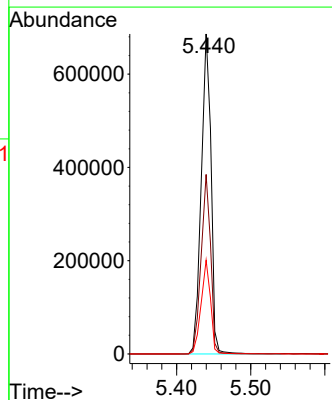
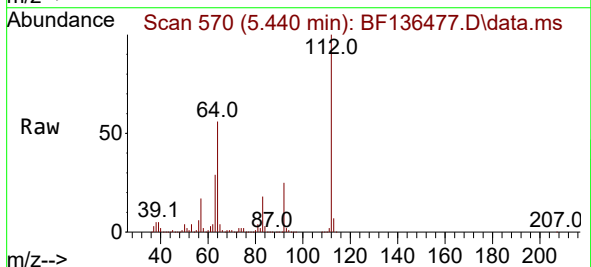
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-01RE

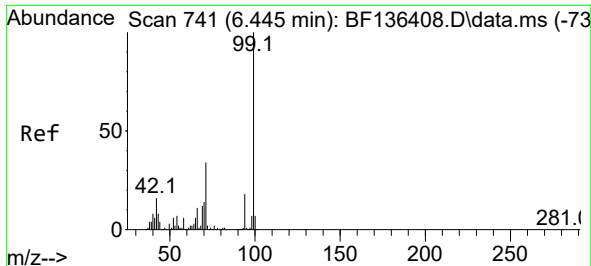
Tgt Ion:152 Resp: 112778
Ion Ratio Lower Upper
152 100
150 158.8 126.4 189.6
115 65.8 48.2 72.4



#5
2-Fluorophenol
Concen: 82.187 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF136477.D
Acq: 08 Dec 2023 20:14

Tgt Ion:112 Resp: 627618
Ion Ratio Lower Upper
112 100
64 56.1 46.5 69.7
63 29.3 23.9 35.9

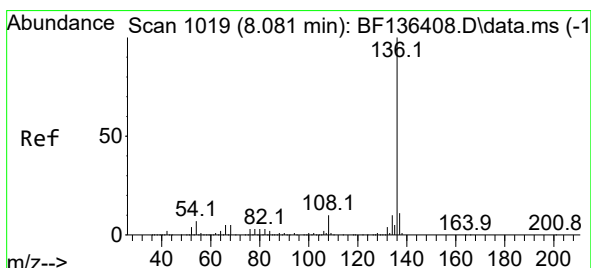
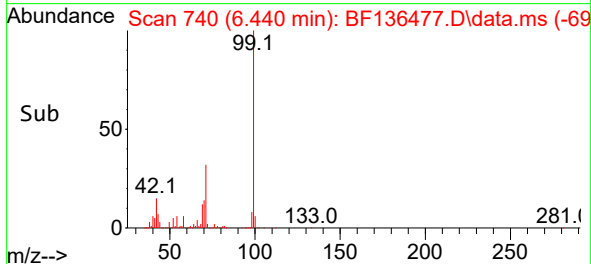
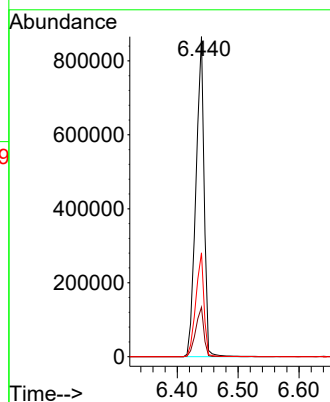
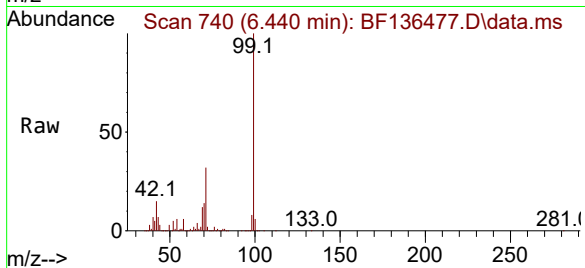




#7
Phenol-d6
Concen: 84.942 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136477.D
Acq: 08 Dec 2023 20:14

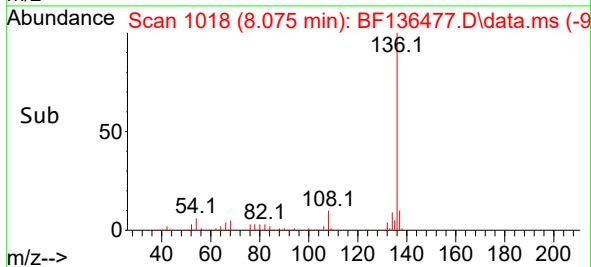
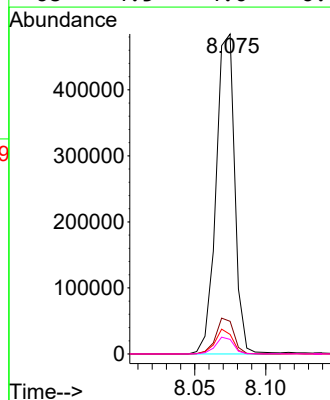
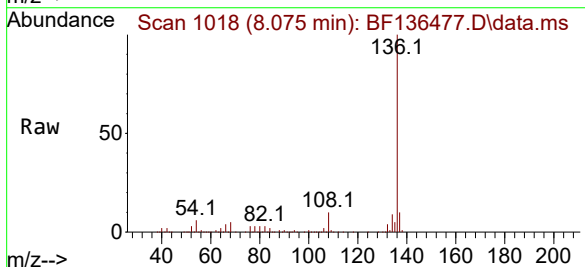
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-01RE

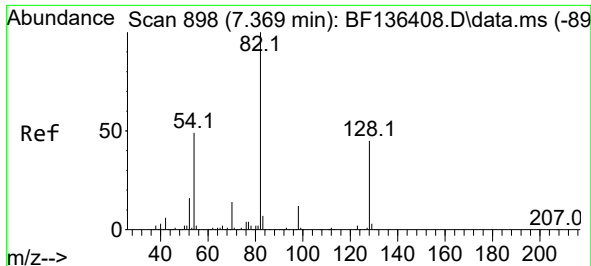
Tgt Ion: 99 Resp: 809307
Ion Ratio Lower Upper
99 100
42 15.5 12.8 19.2
71 32.5 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136477.D
Acq: 08 Dec 2023 20:14

Tgt Ion: 136 Resp: 442567
Ion Ratio Lower Upper
136 100
137 10.2 8.6 12.8
54 6.1 5.7 8.5
68 4.5 4.0 6.0





#23

Nitrobenzene-d5

Concen: 61.221 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136477.D

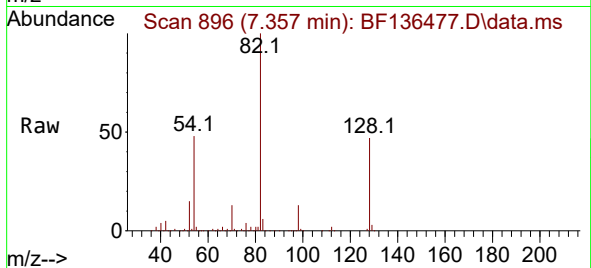
Acq: 08 Dec 2023 20:14

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-01RE



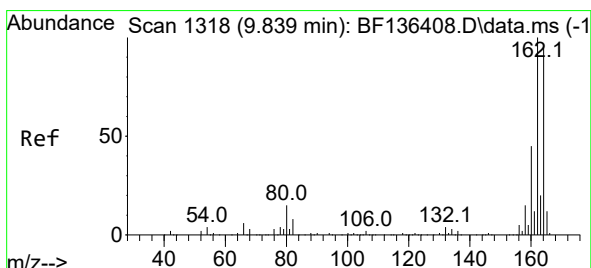
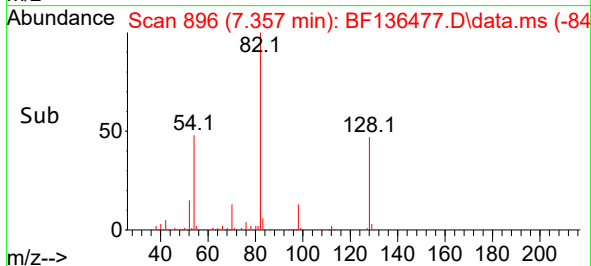
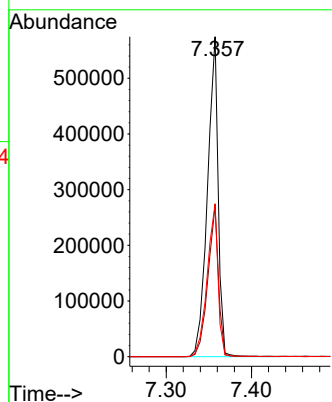
Tgt Ion: 82 Resp: 501190

Ion Ratio Lower Upper

82 100

128 47.1 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: BF136477.D

Acq: 08 Dec 2023 20:14

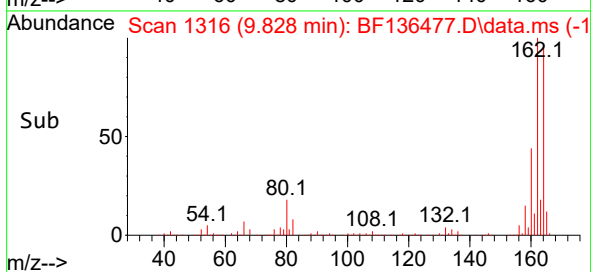
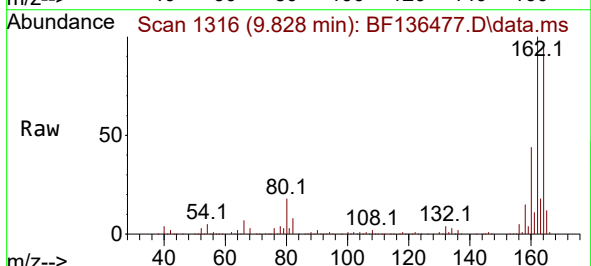
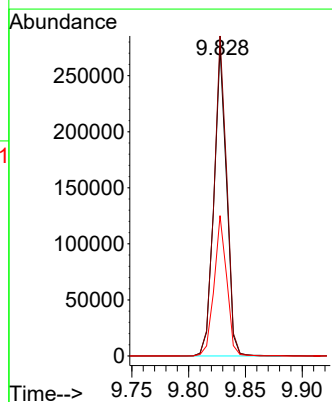
Tgt Ion: 164 Resp: 212760

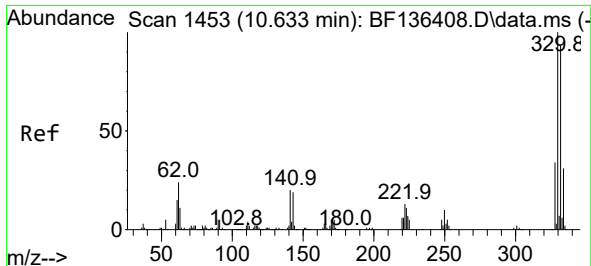
Ion Ratio Lower Upper

164 100

162 103.9 84.4 126.6

160 45.6 37.6 56.4

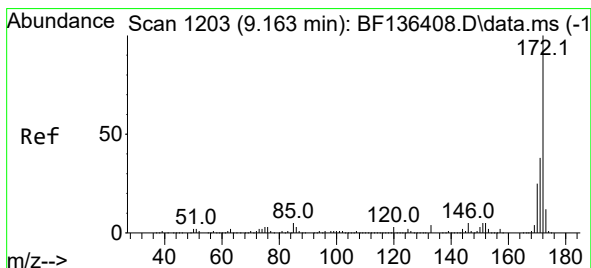
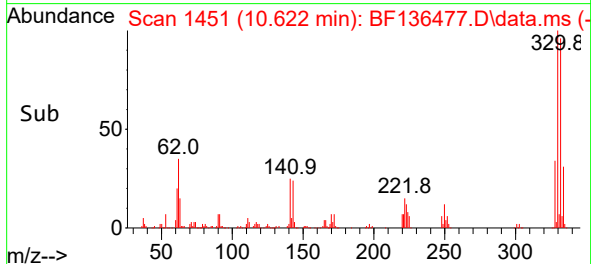
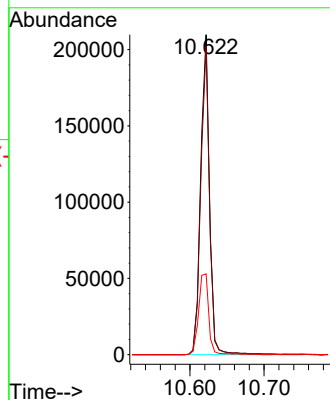
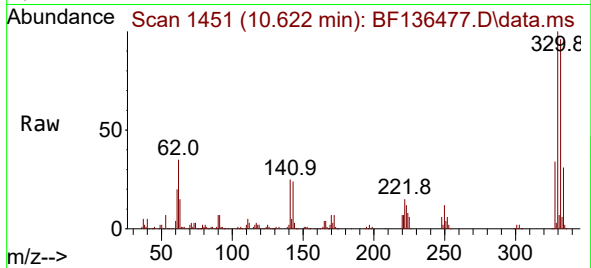




#42
2,4,6-Tribromophenol
Concen: 66.440 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136477.D
Acq: 08 Dec 2023 20:14

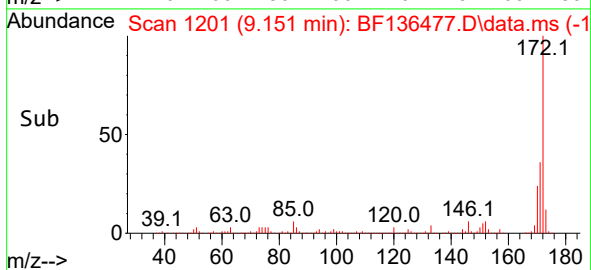
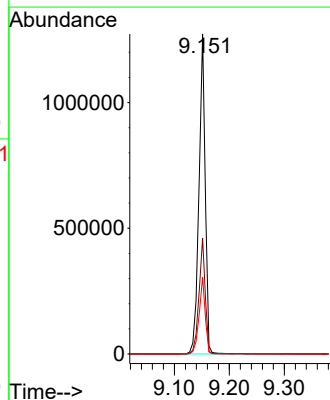
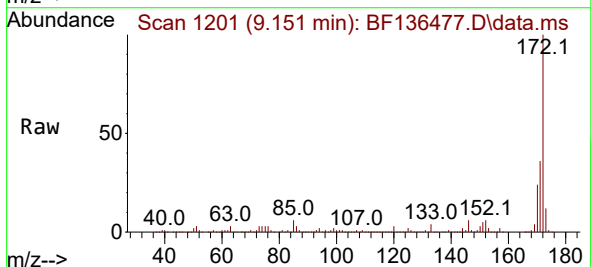
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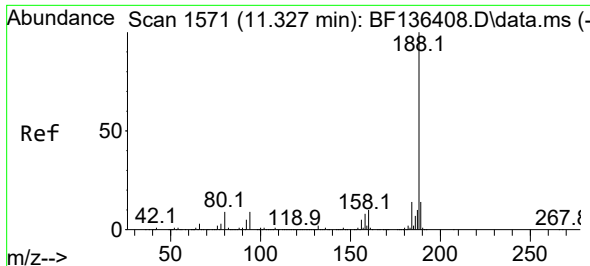
Tgt Ion:330 Resp: 174294
Ion Ratio Lower Upper
330 100
332 95.5 76.4 114.6
141 29.0 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 64.993 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF136477.D
Acq: 08 Dec 2023 20:14

Tgt Ion:172 Resp: 1013405
Ion Ratio Lower Upper
172 100
171 36.2 30.5 45.7
170 24.0 19.9 29.9

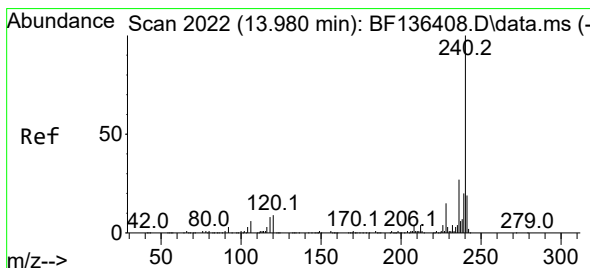
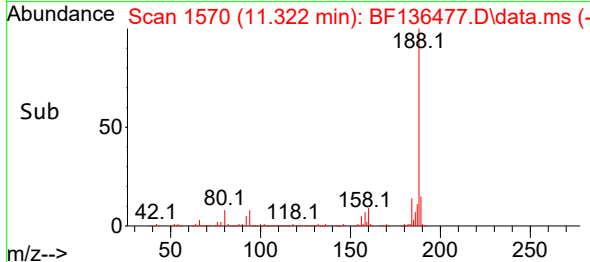
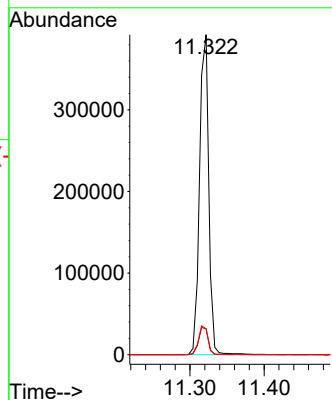
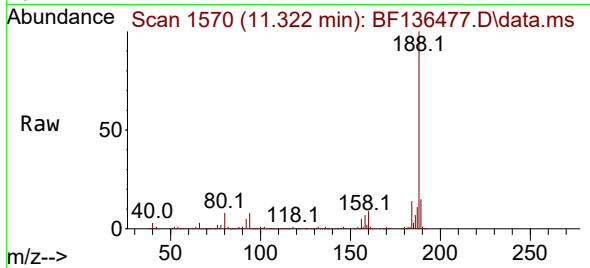




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136477.D
Acq: 08 Dec 2023 20:14

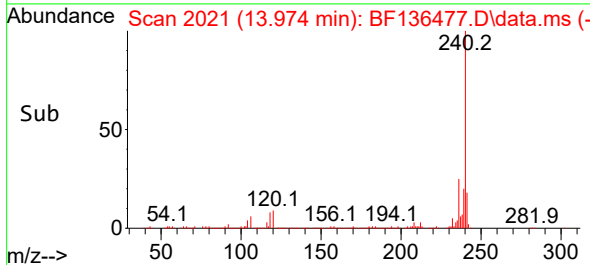
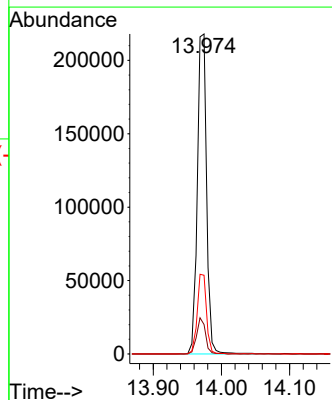
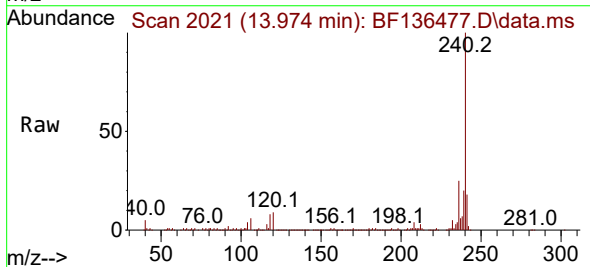
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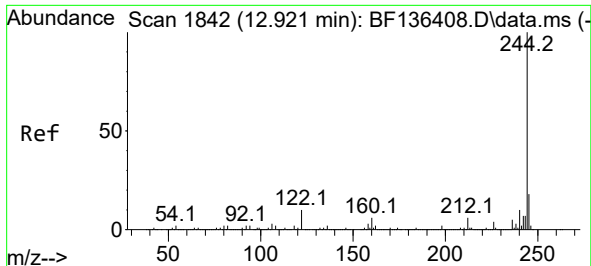
Tgt Ion:188 Resp: 336665
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 8.1 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136477.D
Acq: 08 Dec 2023 20:14

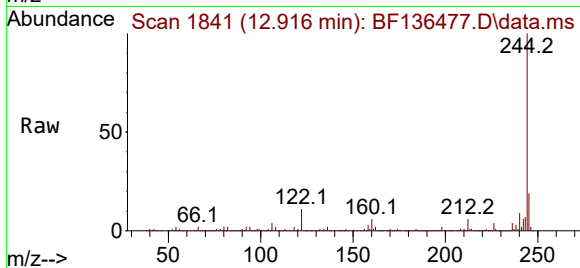
Tgt Ion:240 Resp: 206424
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 24.6 21.3 31.9



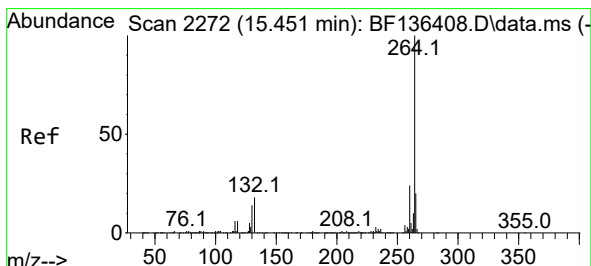
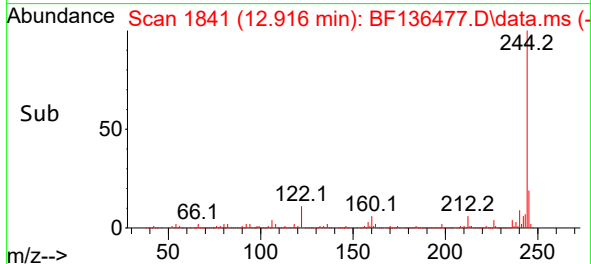
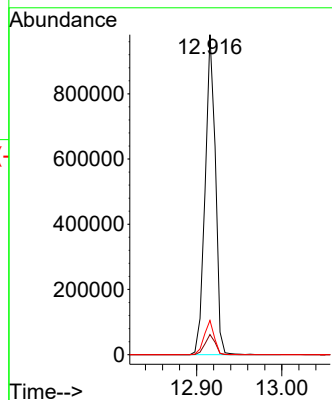


#79
 Terphenyl-d14
 Concen: 52.375 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136477.D
 Acq: 08 Dec 2023 20:14

Instrument :
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 LKWD-BACKFILL-01RE



Tgt Ion:244 Resp: 820269
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 10.7 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: BF136477.D
 Acq: 08 Dec 2023 20:14

Tgt Ion:264 Resp: 195617
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.9 15.9 23.9

