

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
 Data File : BF136427.D
 Acq On : 06 Dec 2023 14:33
 Operator : CG\JU
 Sample : 05538-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-03-112223

Quant Time: Dec 06 14:56:22 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	104522	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	383908	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	159005	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	222726	20.000	ng	-0.01
76) Chrysene-d12	13.969	240	216081	20.000	ng	-0.01
86) Perylene-d12	15.451	264	215337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	605019	85.485	ng	0.00
7) Phenol-d6	6.434	99	720931	81.643	ng	-0.01
23) Nitrobenzene-d5	7.357	82	432585	60.915	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	128396	65.490	ng	-0.02
45) 2-Fluorobiphenyl	9.151	172	778276	66.788	ng	-0.01
79) Terphenyl-d14	12.916	244	642121	39.168	ng	0.00

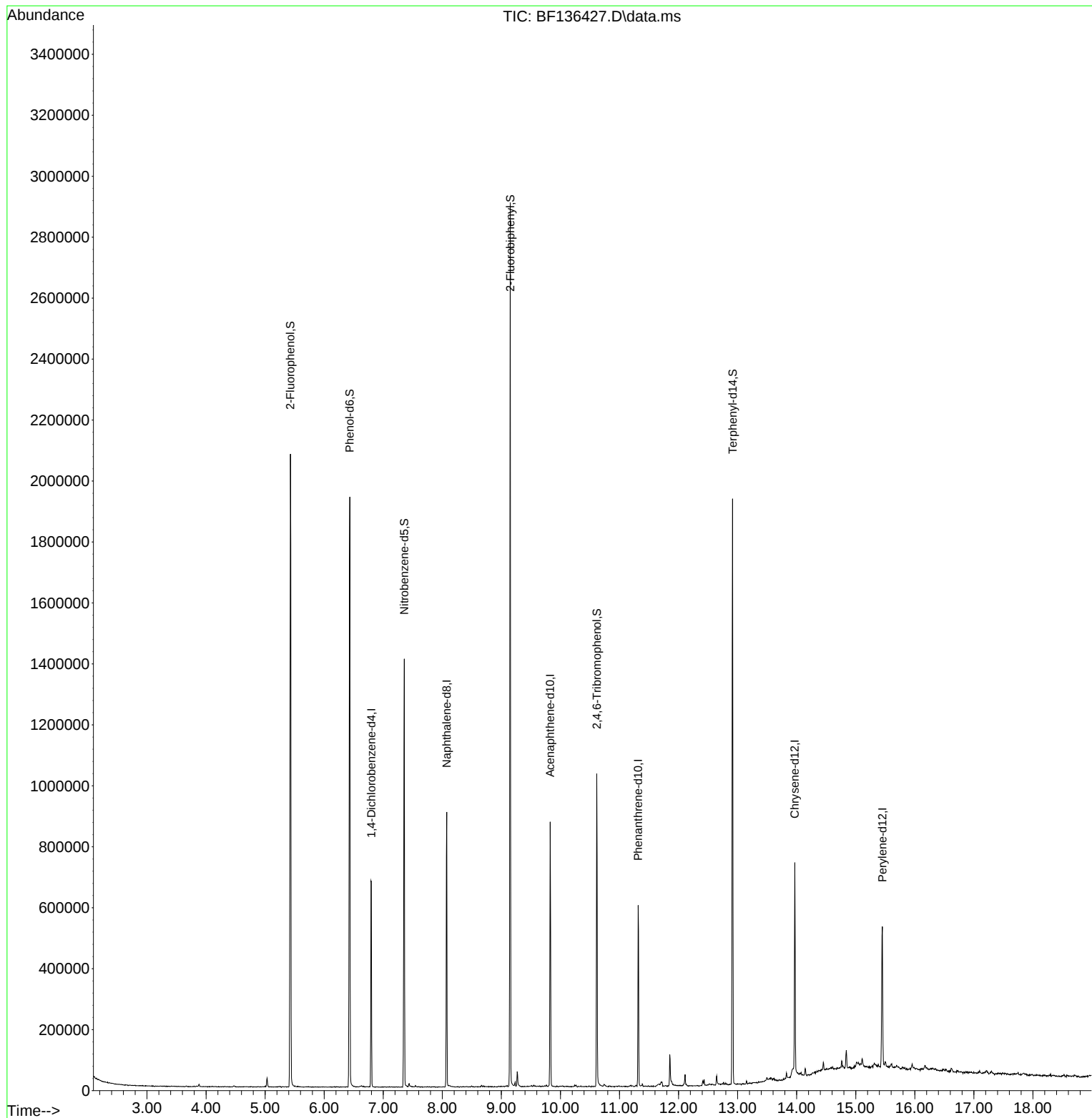
Target Compounds	Qvalue

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

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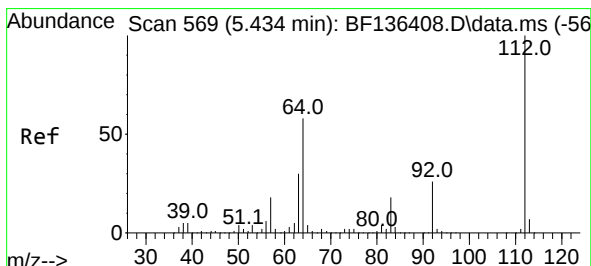
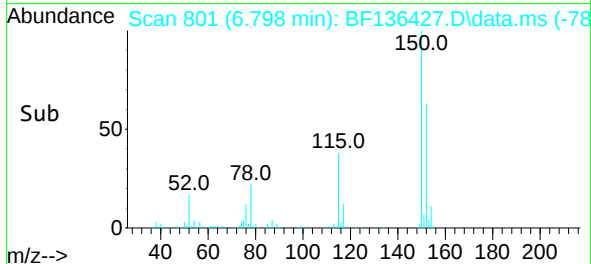
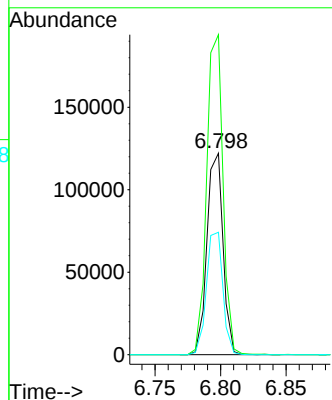
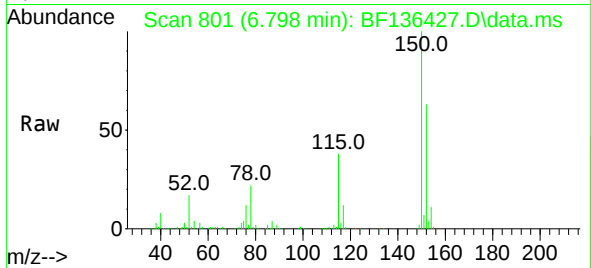




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF136427.D
Acq: 06 Dec 2023 14:33

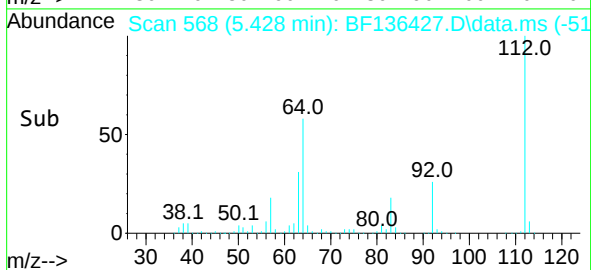
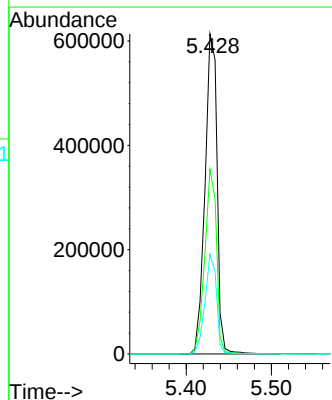
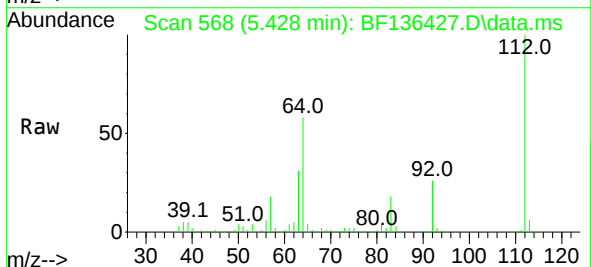
Instrument :
BNA_F
ClientSampleId :
HR-03-112223

Tgt Ion:152 Resp: 104522
Ion Ratio Lower Upper
152 100
150 158.9 126.4 189.6
115 60.8 48.2 72.4



#5
2-Fluorophenol
Concen: 85.485 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.006 min
Lab File: BF136427.D
Acq: 06 Dec 2023 14:33

Tgt Ion:112 Resp: 605019
Ion Ratio Lower Upper
112 100
64 57.7 46.5 69.7
63 31.2 23.9 35.9

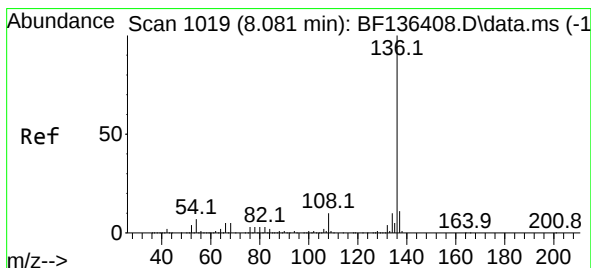
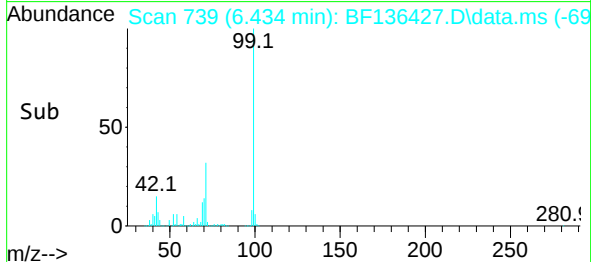
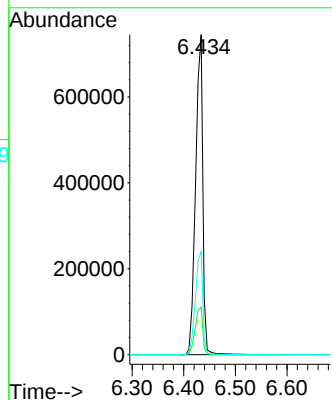
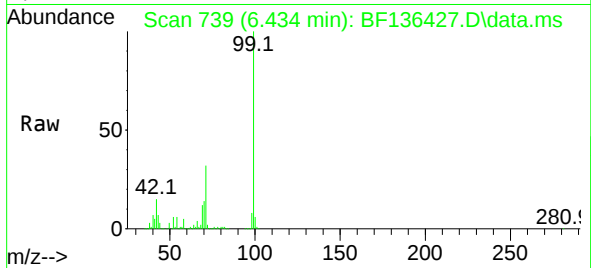




#7
Phenol-d6
Concen: 81.643 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136427.D
Acq: 06 Dec 2023 14:33

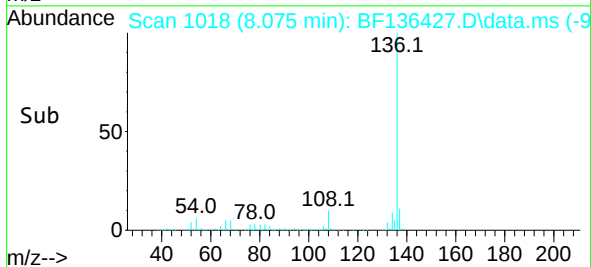
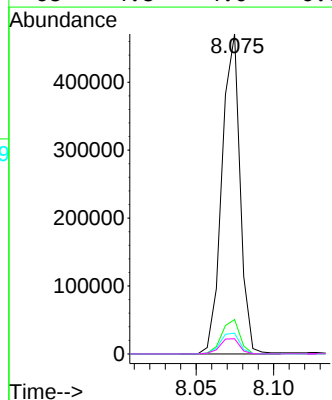
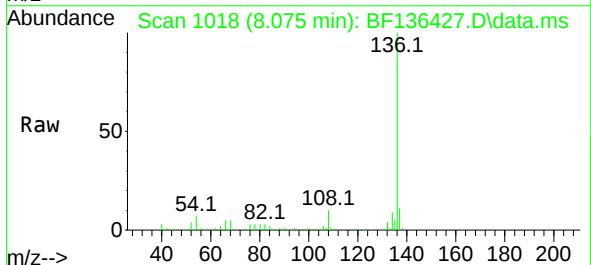
Instrument :
BNA_F
ClientSampleId :
HR-03-112223

Tgt Ion: 99 Resp: 720931
Ion Ratio Lower Upper
99 100
42 14.8 12.8 19.2
71 32.2 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: BF136427.D
Acq: 06 Dec 2023 14:33

Tgt Ion: 136 Resp: 383908
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 6.5 5.7 8.5
68 4.8 4.0 6.0





#23

Nitrobenzene-d5

Concen: 60.915 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136427.D

Acq: 06 Dec 2023 14:33

Instrument :

BNA_F

ClientSampleId :

HR-03-112223

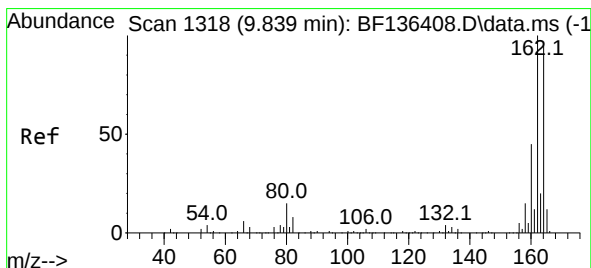
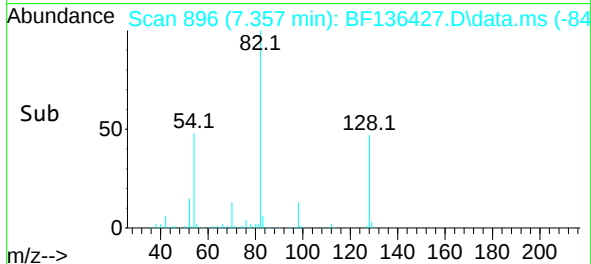
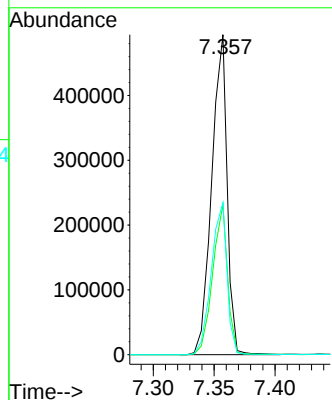
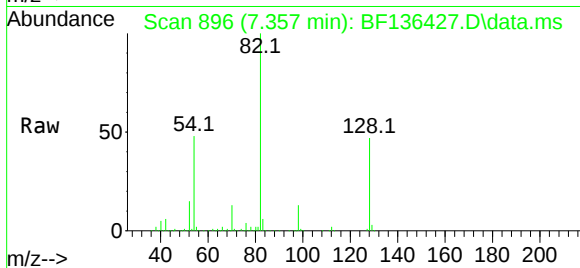
Tgt Ion: 82 Resp: 432585

Ion Ratio Lower Upper

82 100

128 46.9 36.3 54.5

54 47.5 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: BF136427.D

Acq: 06 Dec 2023 14:33

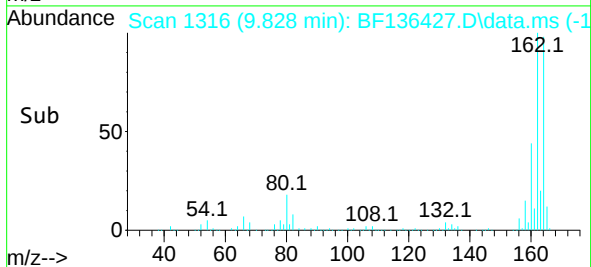
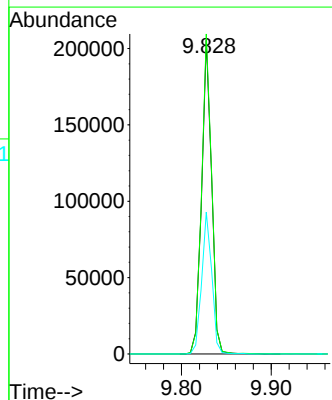
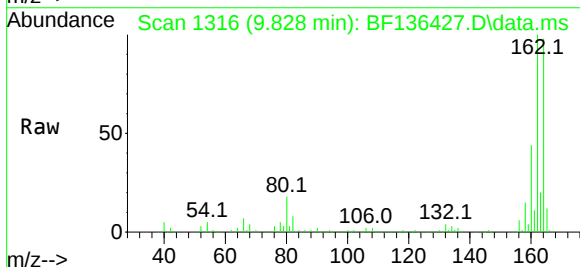
Tgt Ion: 164 Resp: 159005

Ion Ratio Lower Upper

164 100

162 102.0 84.4 126.6

160 45.2 37.6 56.4

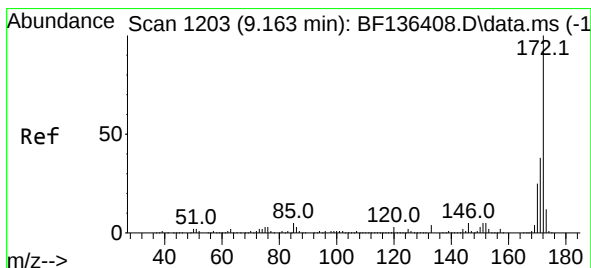
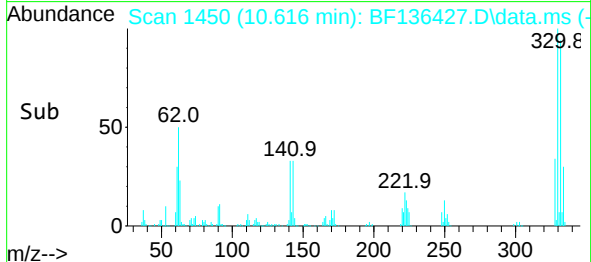
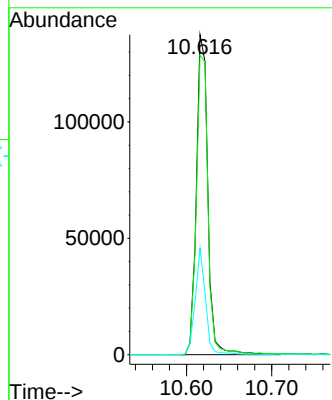
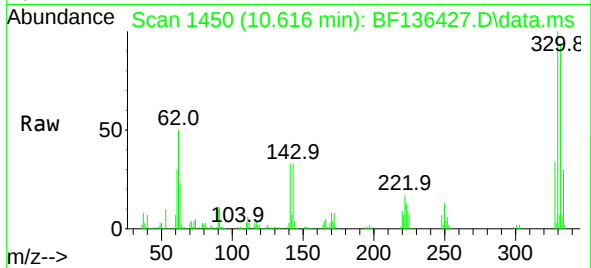




#42
2,4,6-Tribromophenol
Concen: 65.490 ng
RT: 10.616 min Scan# 1453
Delta R.T. -0.018 min
Lab File: BF136427.D
Acq: 06 Dec 2023 14:33

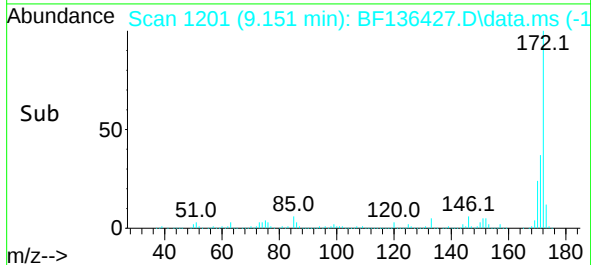
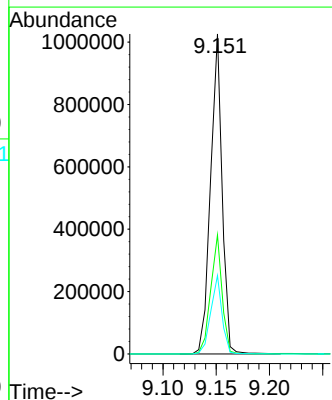
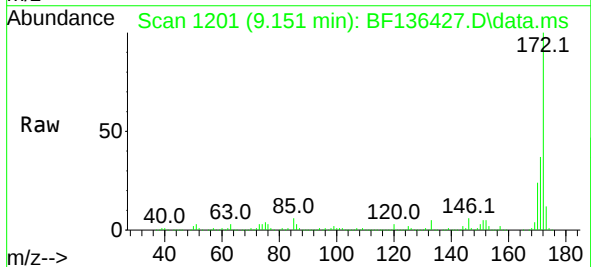
Instrument :
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ClientSampleId :
HR-03-112223

Tgt Ion: 330 Resp: 128396
Ion Ratio Lower Upper
330 100
332 96.0 76.4 114.6
141 30.0 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 66.788 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF136427.D
Acq: 06 Dec 2023 14:33

Tgt Ion: 172 Resp: 778276
Ion Ratio Lower Upper
172 100
171 37.2 30.5 45.7
170 24.5 19.9 29.9

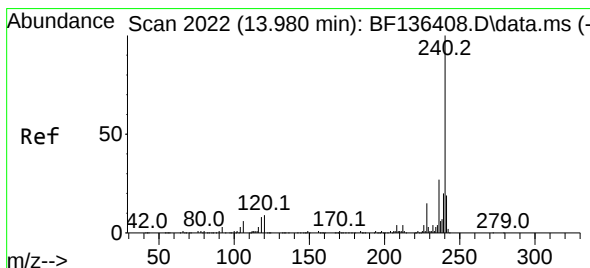
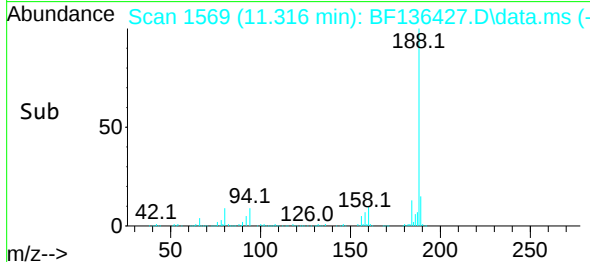
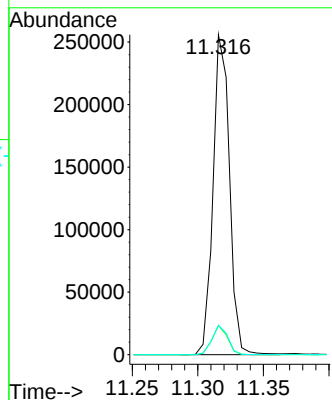
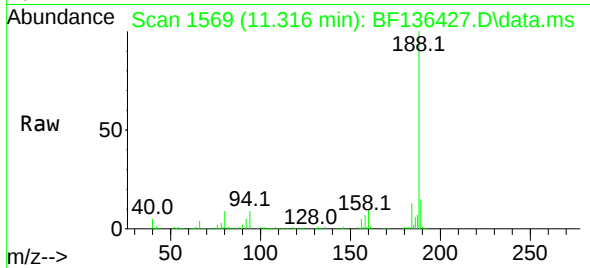




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF136427.D
Acq: 06 Dec 2023 14:33

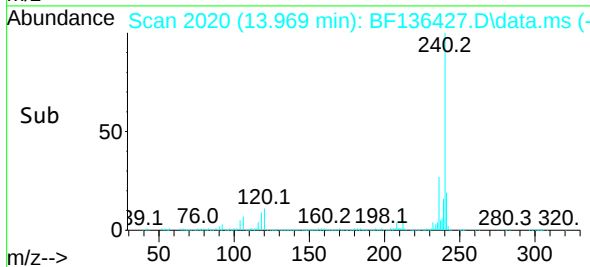
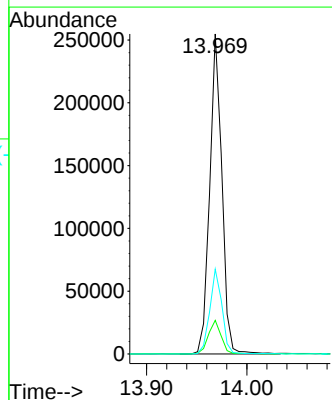
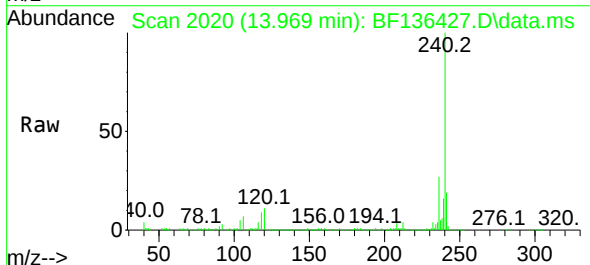
Instrument :
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ClientSampleId :
HR-03-112223

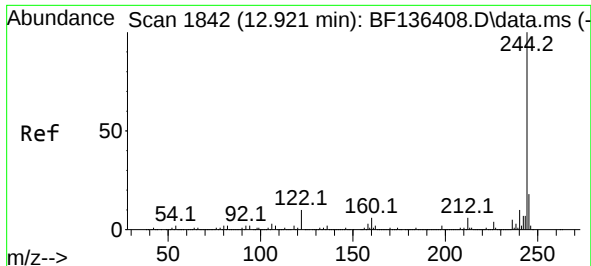
Tgt Ion:188 Resp: 222726
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.2 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136427.D
Acq: 06 Dec 2023 14:33

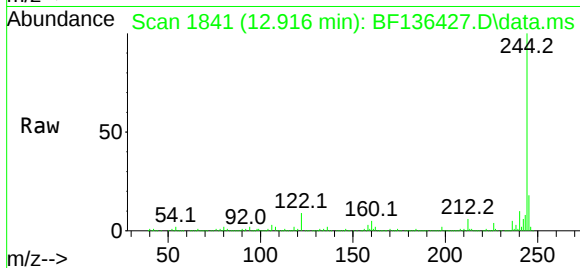
Tgt Ion:240 Resp: 216081
Ion Ratio Lower Upper
240 100
120 10.5 7.3 10.9
236 26.5 21.3 31.9



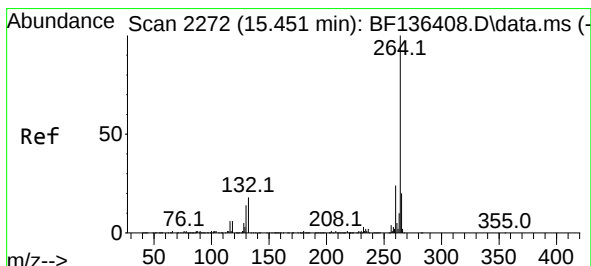
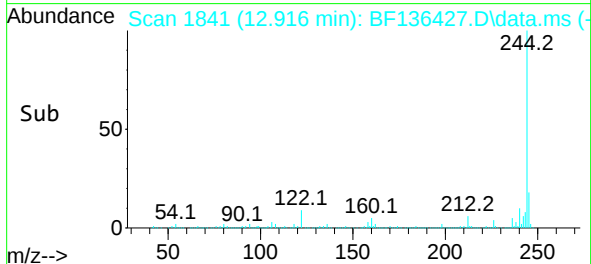
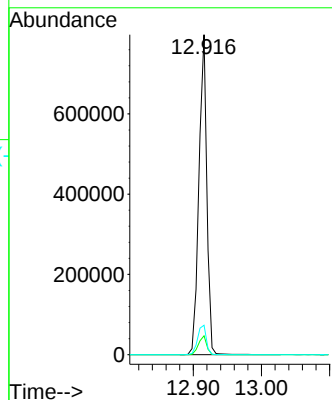


#79
 Terphenyl-d14
 Concen: 39.168 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136427.D
 Acq: 06 Dec 2023 14:33

Instrument :
 BNA_F
 ClientSampleId :
 HR-03-112223



Tgt Ion:244 Resp: 642121
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.0 7.4
 122 9.2 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: BF136427.D
 Acq: 06 Dec 2023 14:33

Tgt Ion:264 Resp: 215337
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.6 15.9 23.9

