

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
 Data File : BF136475.D
 Acq On : 08 Dec 2023 19:12
 Operator : CG\JU
 Sample : 05629-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11985

Quant Time: Dec 08 22:30:14 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	115922	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	452824	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	211958	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	323878	20.000	ng	0.00
76) Chrysene-d12	13.974	240	229635	20.000	ng	0.00
86) Perylene-d12	15.451	264	221200	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	591634	75.373	ng	0.00
7) Phenol-d6	6.440	99	727038	74.238	ng	0.00
23) Nitrobenzene-d5	7.357	82	430388	51.382	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	158829	60.773	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	808690	52.060	ng	-0.01
79) Terphenyl-d14	12.916	244	635903	36.499	ng	0.00

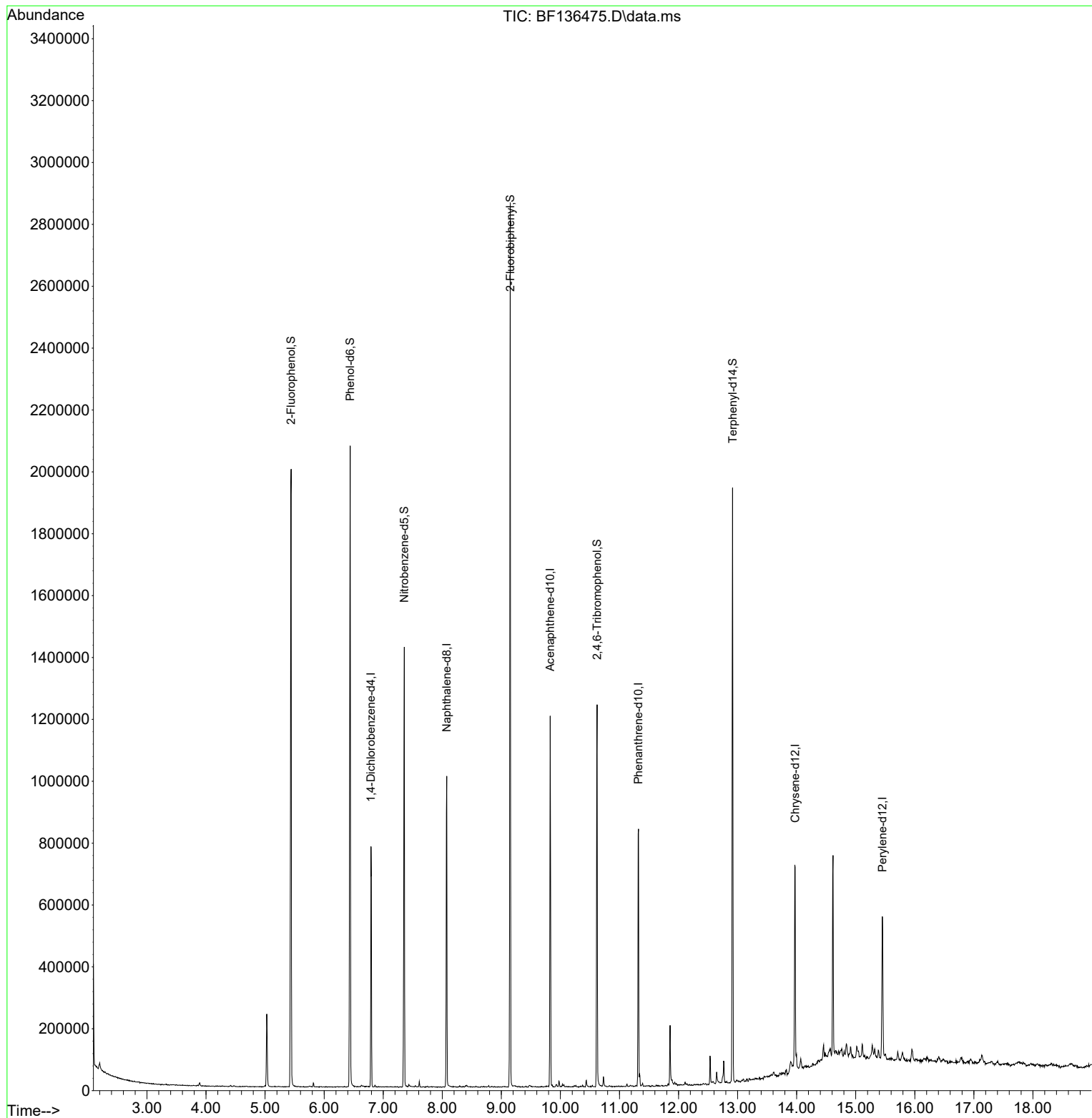
Target Compounds	Qvalue

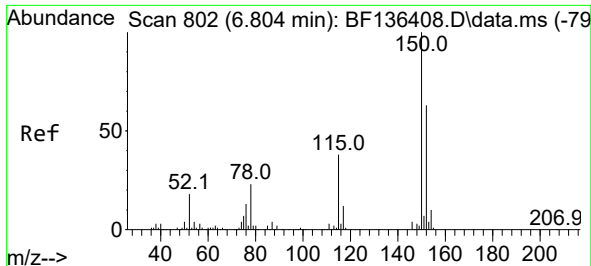
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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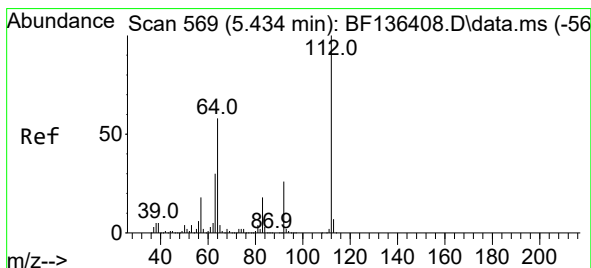
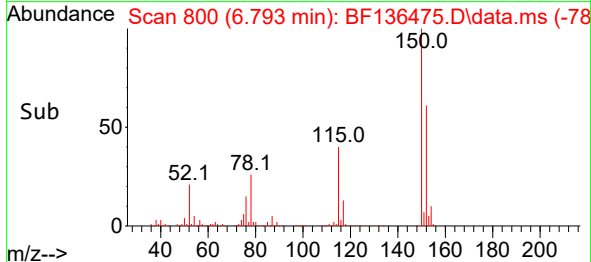
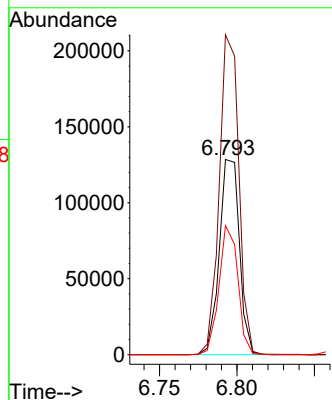
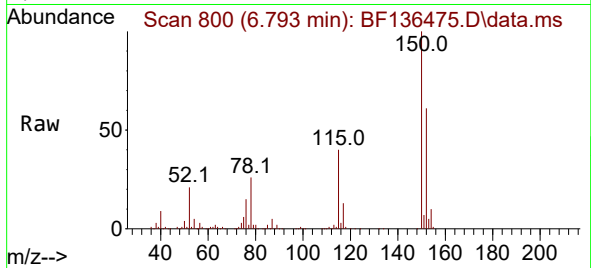




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 802
Delta R.T. -0.011 min
Lab File: BF136475.D
Acq: 08 Dec 2023 19:12

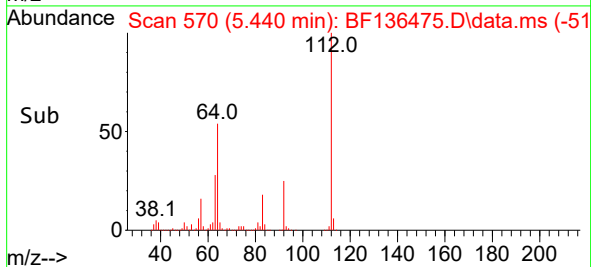
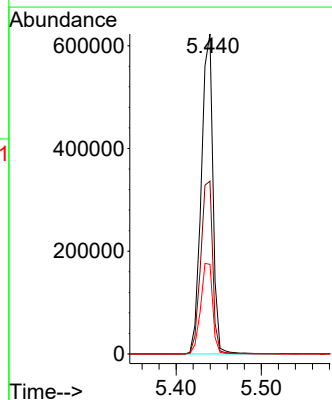
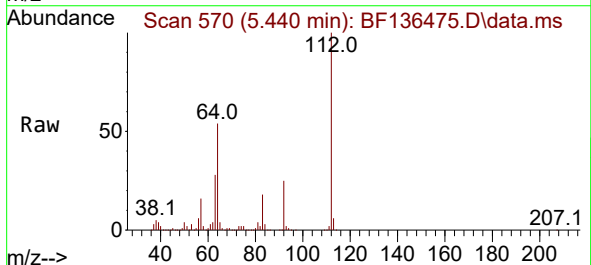
Instrument :
BNA_F
ClientSampleId :
72-11985

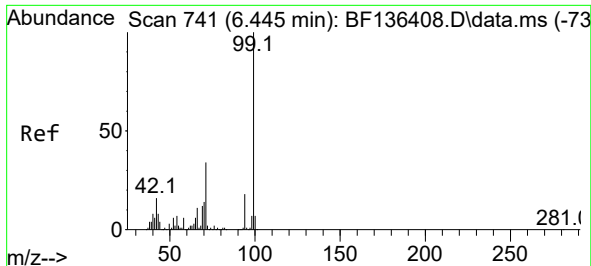
Tgt Ion:152 Resp: 115922
Ion Ratio Lower Upper
152 100
150 164.0 126.4 189.6
115 66.2 48.2 72.4



#5
2-Fluorophenol
Concen: 75.373 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF136475.D
Acq: 08 Dec 2023 19:12

Tgt Ion:112 Resp: 591634
Ion Ratio Lower Upper
112 100
64 54.0 46.5 69.7
63 28.0 23.9 35.9

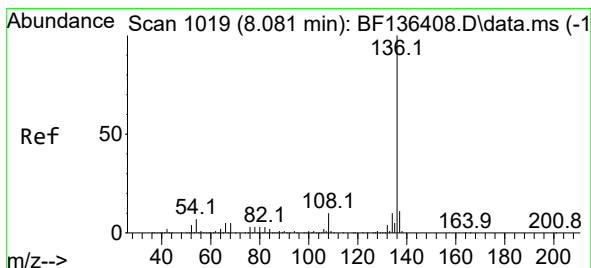
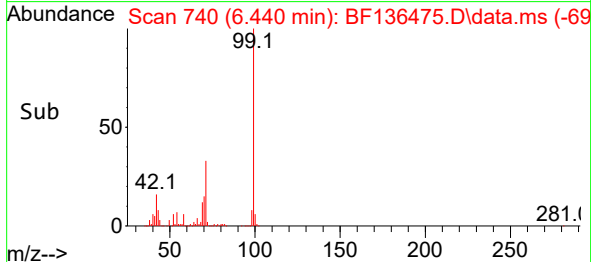
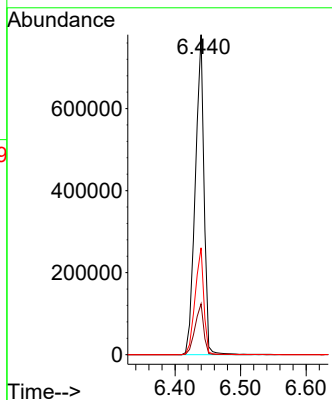
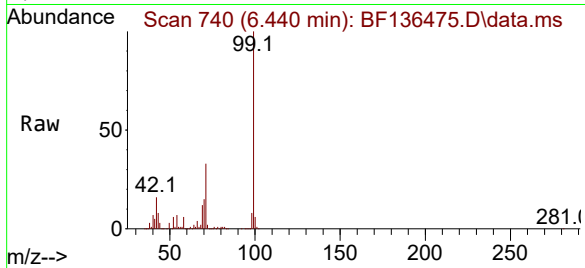




#7
Phenol-d6
Concen: 74.238 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136475.D
Acq: 08 Dec 2023 19:12

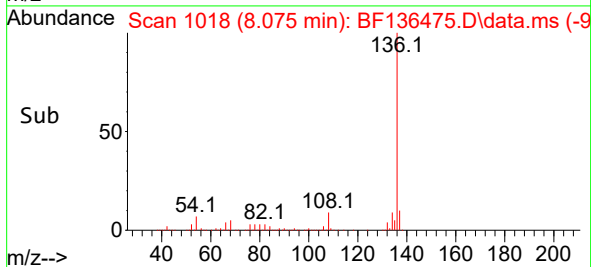
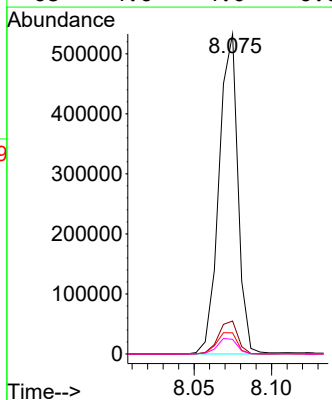
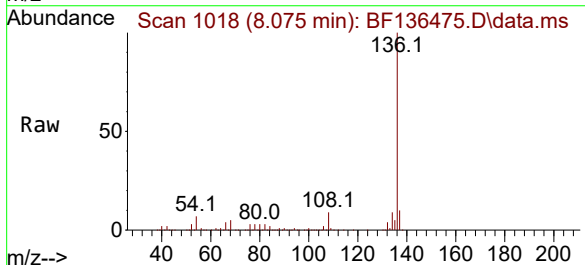
Instrument :
BNA_F
ClientSampleId :
72-11985

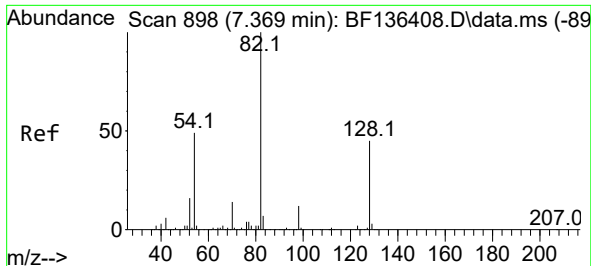
Tgt Ion: 99 Resp: 727038
Ion Ratio Lower Upper
99 100
42 15.9 12.8 19.2
71 33.4 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136475.D
Acq: 08 Dec 2023 19:12

Tgt Ion: 136 Resp: 452824
Ion Ratio Lower Upper
136 100
137 10.3 8.6 12.8
54 6.6 5.7 8.5
68 4.6 4.0 6.0





#23

Nitrobenzene-d5

Concen: 51.382 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136475.D

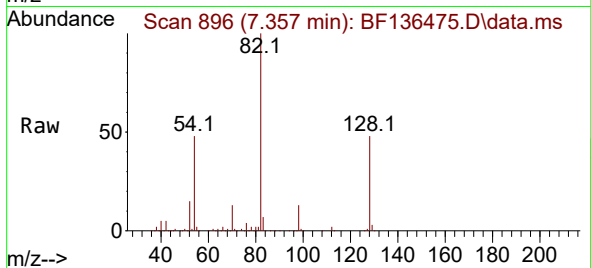
Acq: 08 Dec 2023 19:12

Instrument :

BNA_F

ClientSampleId :

72-11985



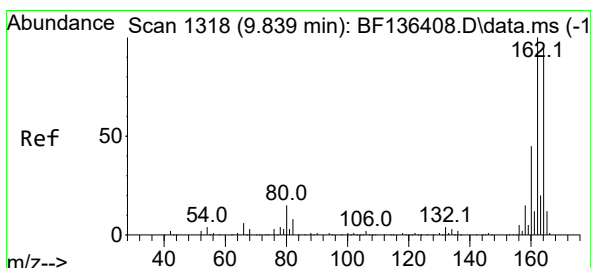
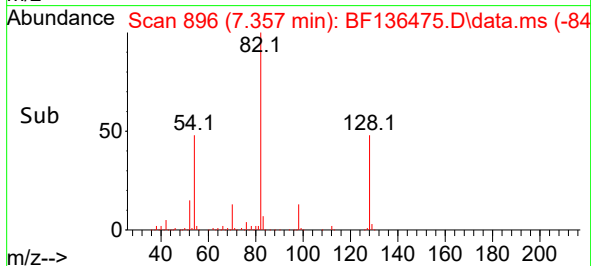
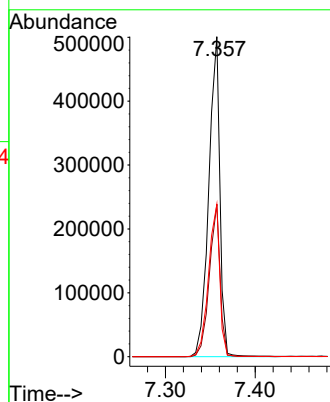
Tgt Ion: 82 Resp: 430388

Ion Ratio Lower Upper

82 100

128 47.6 36.3 54.5

54 47.6 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: BF136475.D

Acq: 08 Dec 2023 19:12

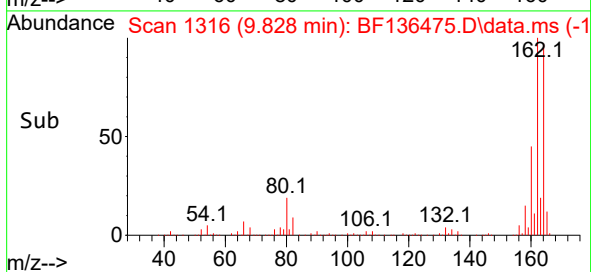
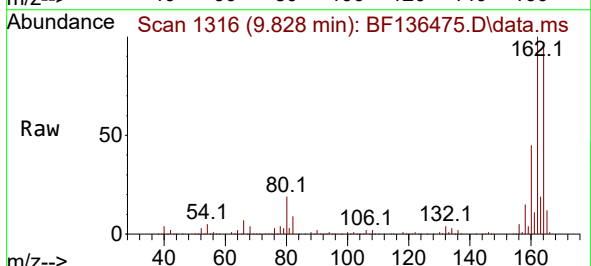
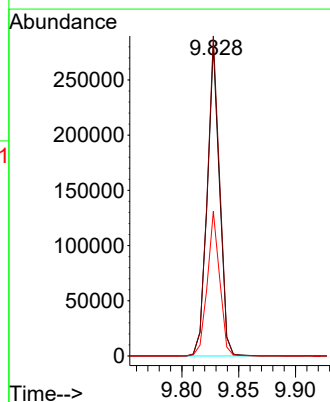
Tgt Ion: 164 Resp: 211958

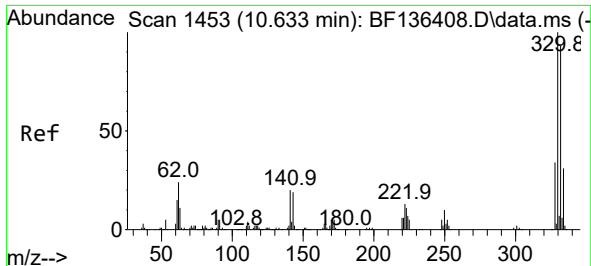
Ion Ratio Lower Upper

164 100

162 103.1 84.4 126.6

160 46.6 37.6 56.4

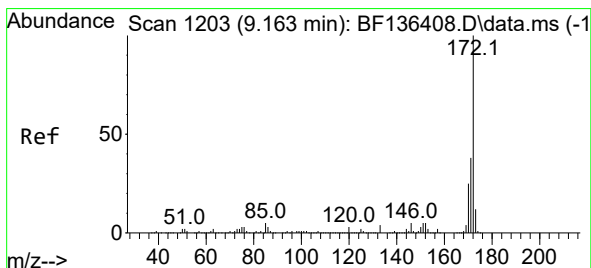
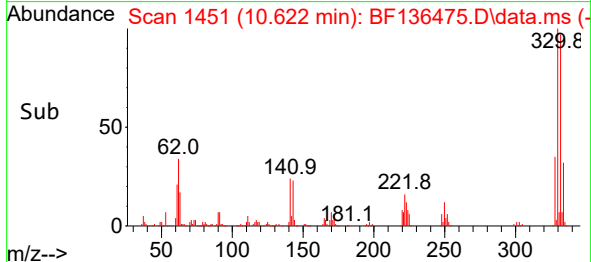
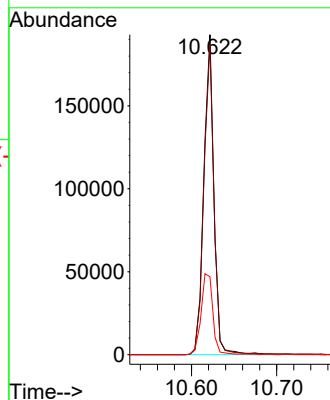
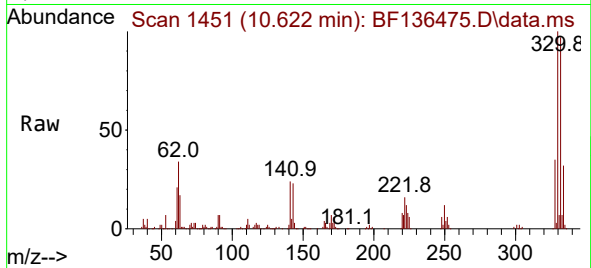




#42
2,4,6-Tribromophenol
Concen: 60.773 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136475.D
Acq: 08 Dec 2023 19:12

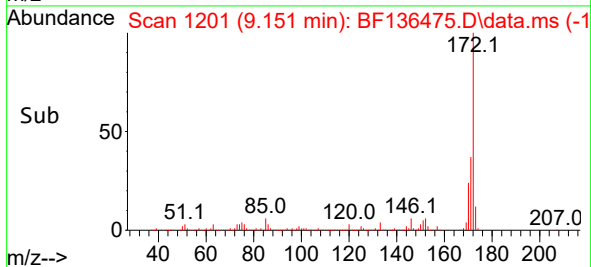
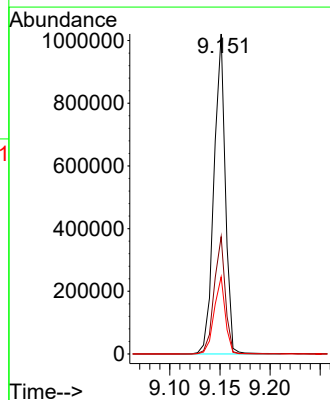
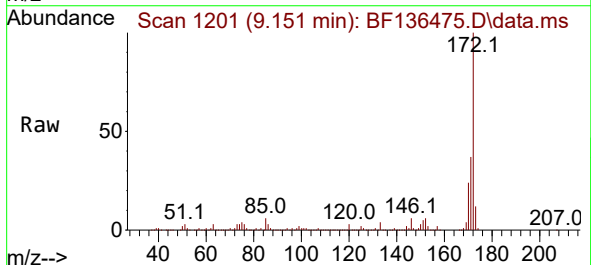
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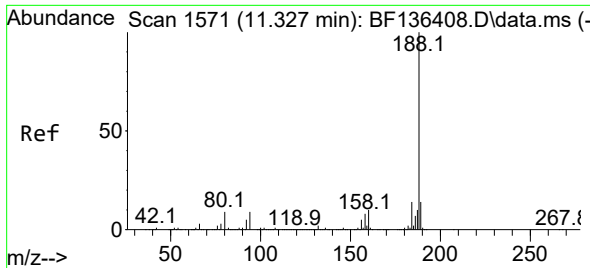
Tgt Ion:330 Resp: 158829
Ion Ratio Lower Upper
330 100
332 96.9 76.4 114.6
141 29.6 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 52.060 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF136475.D
Acq: 08 Dec 2023 19:12

Tgt Ion:172 Resp: 808690
Ion Ratio Lower Upper
172 100
171 36.6 30.5 45.7
170 24.1 19.9 29.9

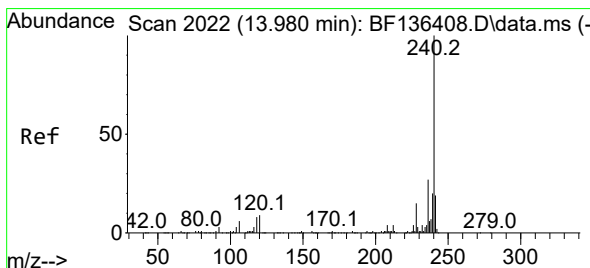
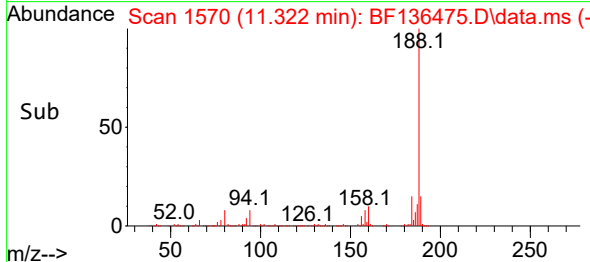
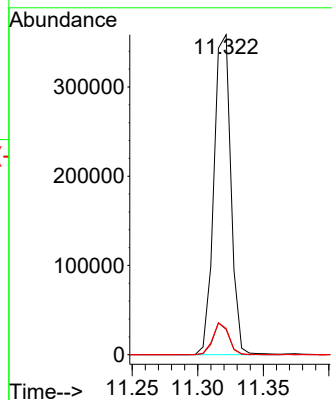
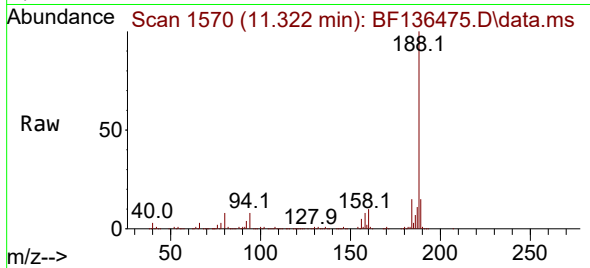




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136475.D
Acq: 08 Dec 2023 19:12

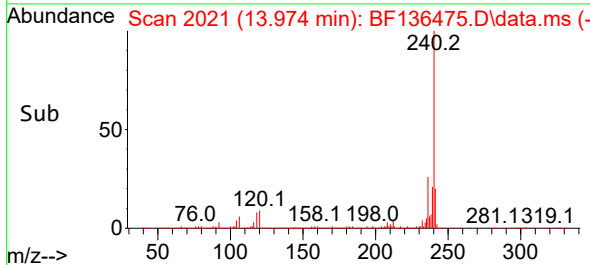
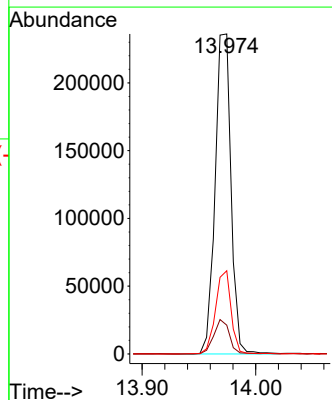
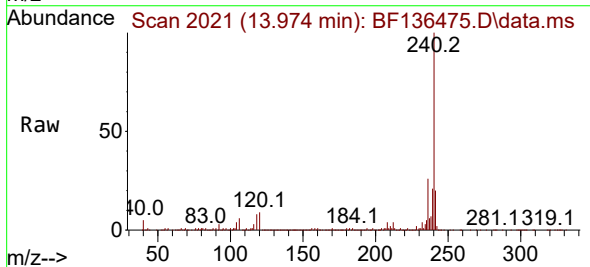
Instrument :
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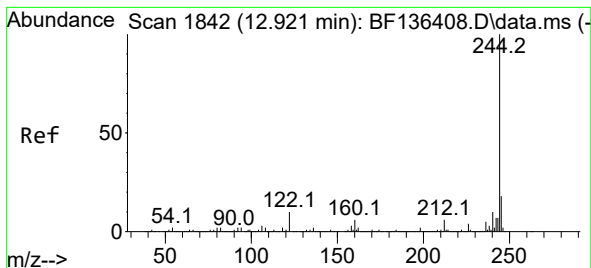
Tgt Ion:188 Resp: 323878
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 8.2 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136475.D
Acq: 08 Dec 2023 19:12

Tgt Ion:240 Resp: 229635
Ion Ratio Lower Upper
240 100
120 9.0 7.3 10.9
236 26.0 21.3 31.9





#79

Terphenyl-d14

Concen: 36.499 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF136475.D

Acq: 08 Dec 2023 19:12

Instrument :

BNA_F

ClientSampleId :

72-11985

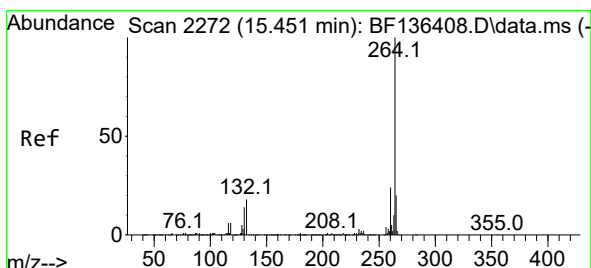
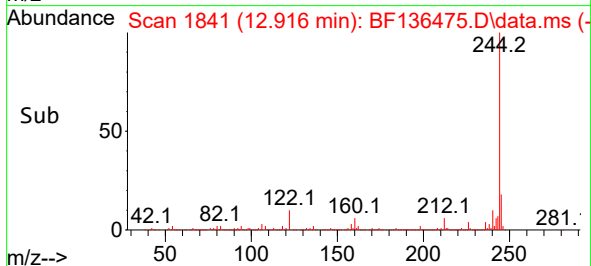
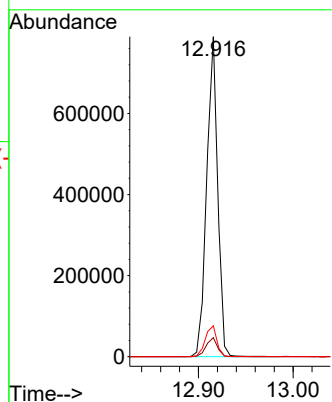
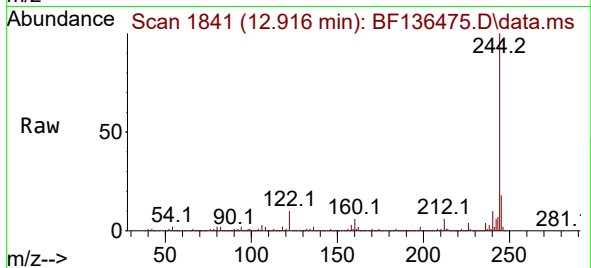
Tgt Ion:244 Resp: 635903

Ion Ratio Lower Upper

244 100

212 5.9 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: BF136475.D

Acq: 08 Dec 2023 19:12

Tgt Ion:264 Resp: 221200

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 22.5 15.9 23.9

