

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
 Data File : BF134872.D
 Acq On : 21 Aug 2023 17:37
 Operator : CG\JU
 Sample : 04074-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MAPLE-SHADE-COMP

Quant Time: Aug 22 03:21:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	144428	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	586678	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	282452	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	453871	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	329732	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	276073	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	609437	64.143	ng	0.00
7) Phenol-d6	6.428	99	481773	39.667	ng	-0.01
23) Nitrobenzene-d5	7.357	82	922538	98.268	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	377216	131.008	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1584231	93.258	ng	-0.01
79) Terphenyl-d14	12.916	244	1548485	82.788	ng	0.00

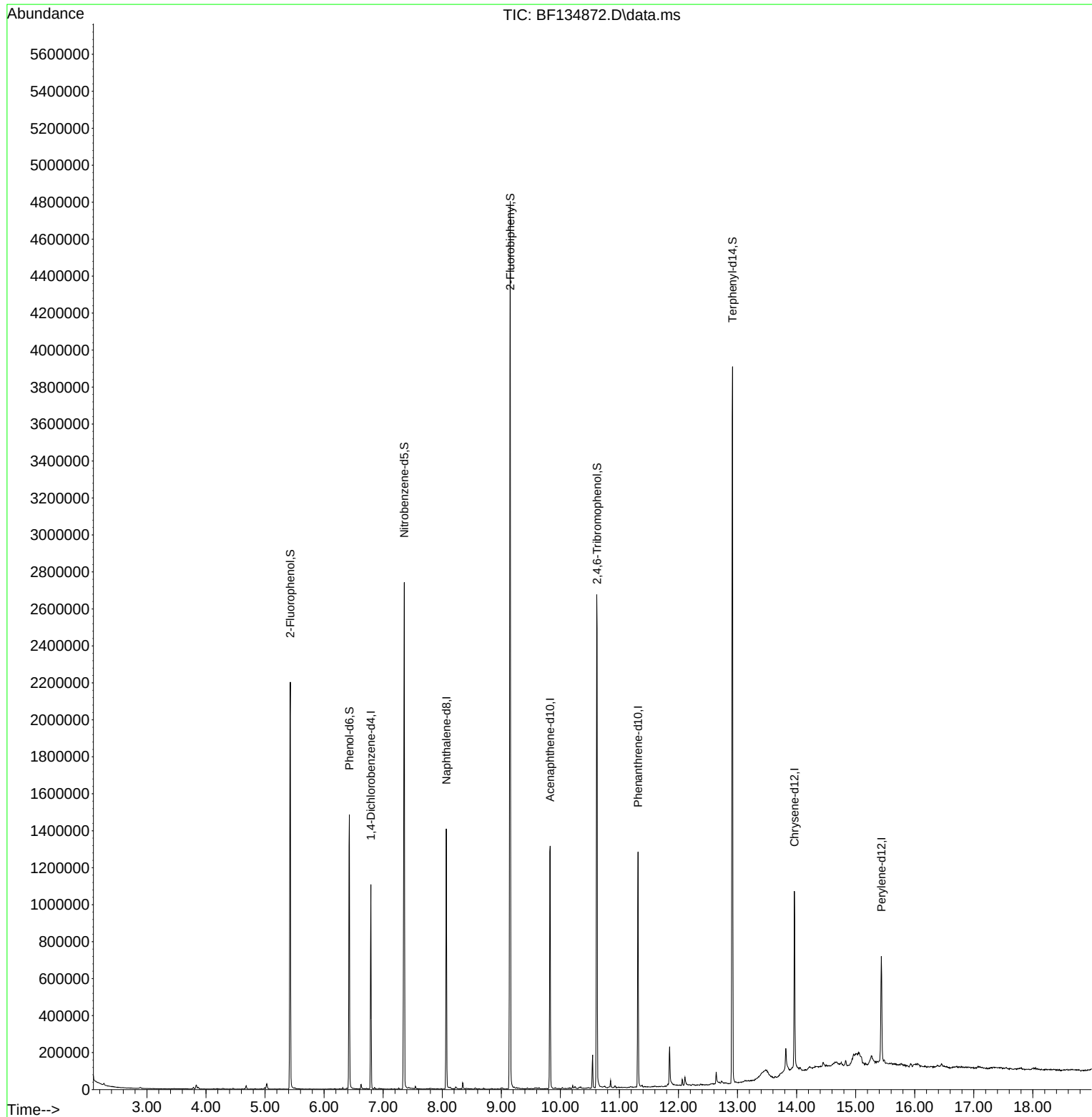
Target Compounds	Qvalue

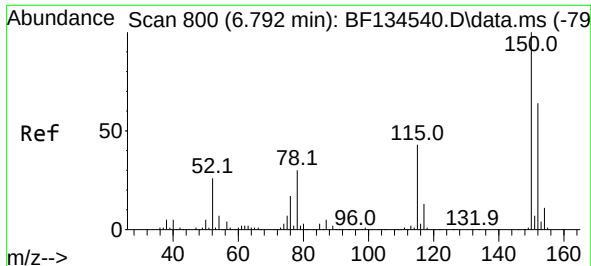
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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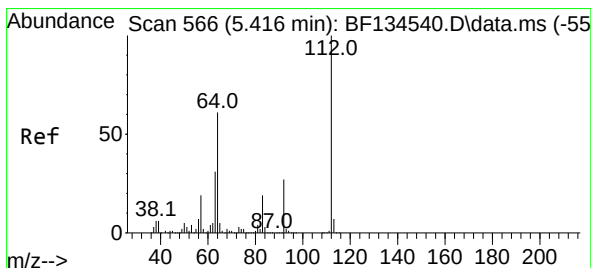
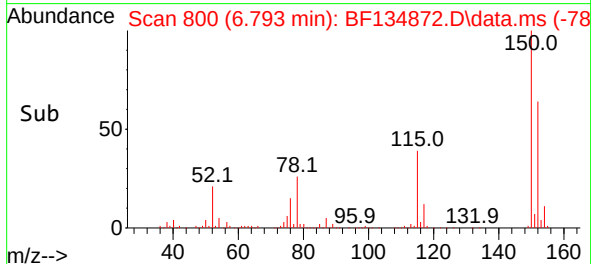
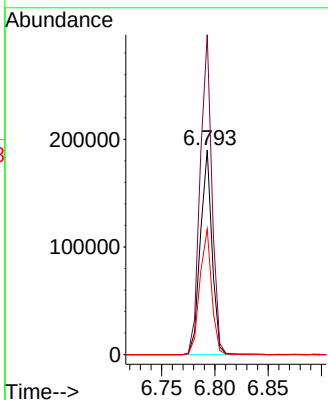
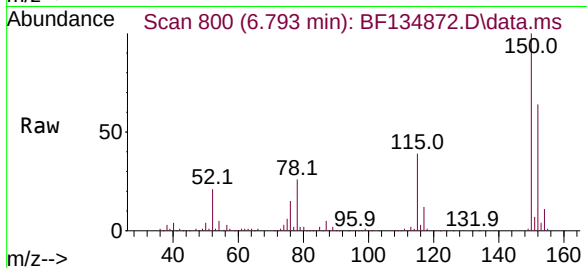




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134872.D
Acq: 21 Aug 2023 17:37

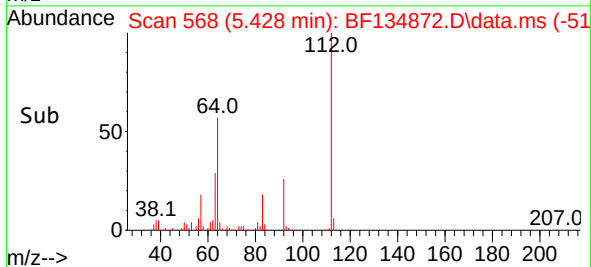
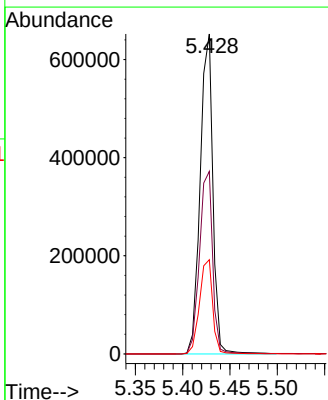
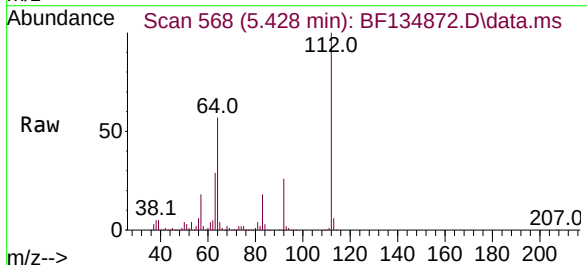
Instrument :
BNA_F
ClientSampleId :
MAPLE-SHADE-COMP

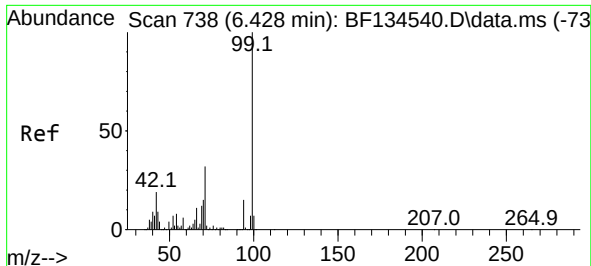
Tgt Ion:152 Resp: 144428
Ion Ratio Lower Upper
152 100
150 156.4 128.3 192.5
115 61.3 52.4 78.6



#5
2-Fluorophenol
Concen: 64.143 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF134872.D
Acq: 21 Aug 2023 17:37

Tgt Ion:112 Resp: 609437
Ion Ratio Lower Upper
112 100
64 57.0 44.9 67.3
63 29.4 25.4 38.0

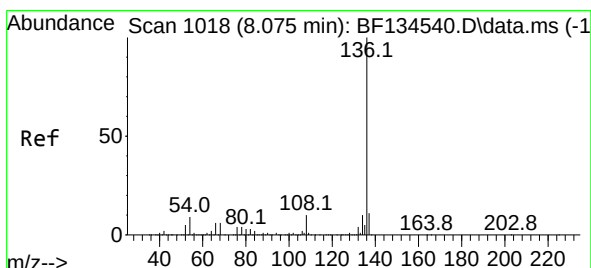
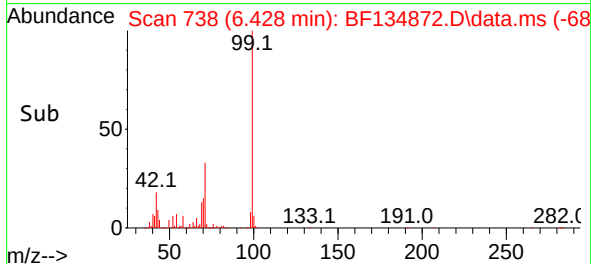
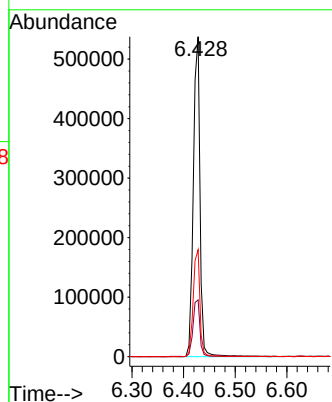
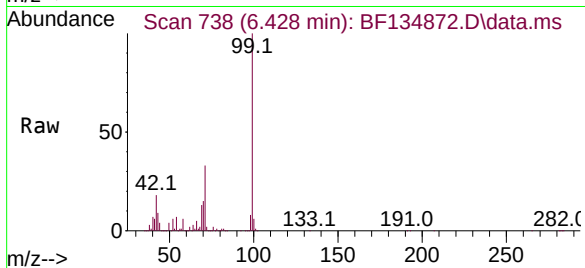




#7
Phenol-d6
Concen: 39.667 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.011 min
Lab File: BF134872.D
Acq: 21 Aug 2023 17:37

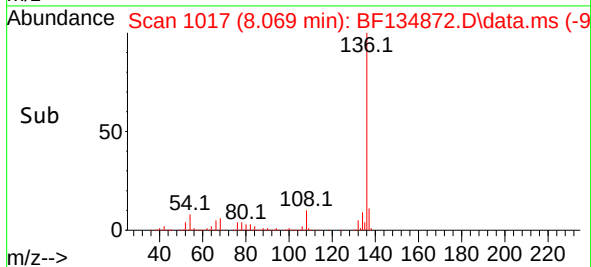
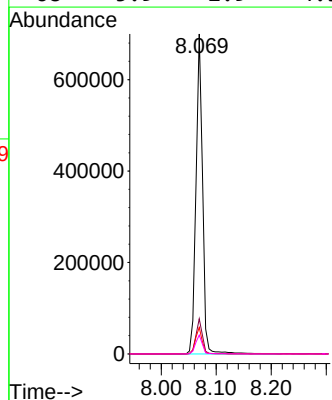
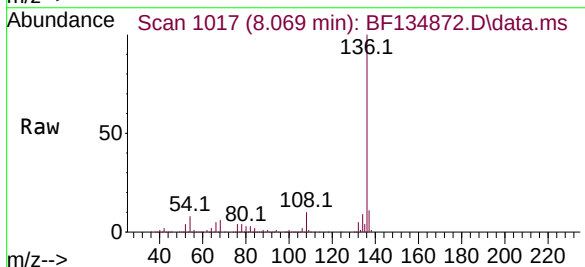
Instrument :
BNA_F
ClientSampleId :
MAPLE-SHADE-COMP

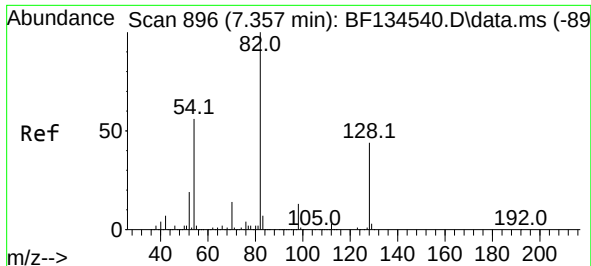
Tgt Ion: 99 Resp: 481773
Ion Ratio Lower Upper
99 100
42 17.7 18.7 28.1#
71 33.4 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.011 min
Lab File: BF134872.D
Acq: 21 Aug 2023 17:37

Tgt Ion: 136 Resp: 586678
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.3 5.2 7.8#
68 5.9 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 98.268 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.011 min

Lab File: BF134872.D

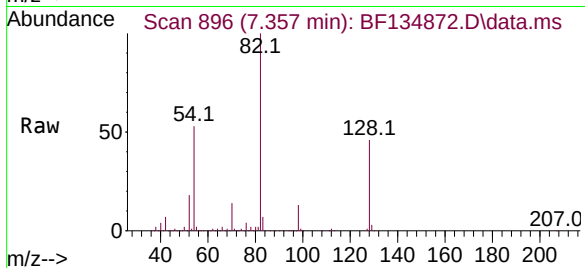
Acq: 21 Aug 2023 17:37

Instrument :

BNA_F

ClientSampleId :

MAPLE-SHADE-COMP



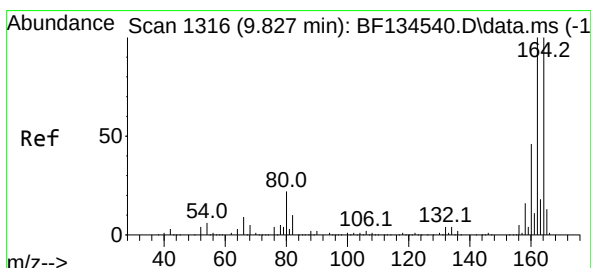
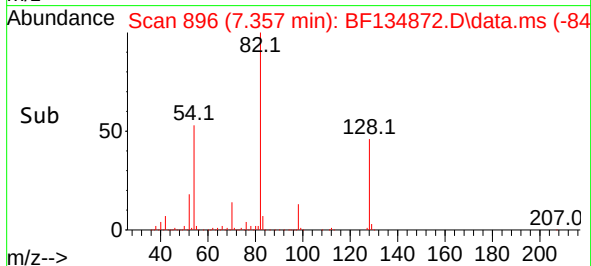
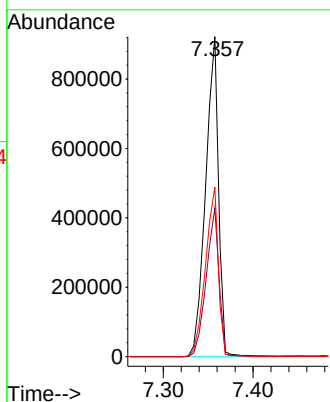
Tgt Ion: 82 Resp: 922538

Ion Ratio Lower Upper

82 100

128 46.4 34.3 51.5

54 53.0 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF134872.D

Acq: 21 Aug 2023 17:37

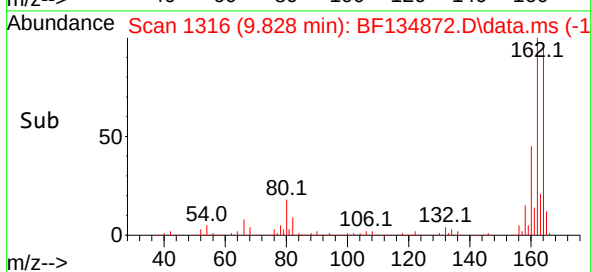
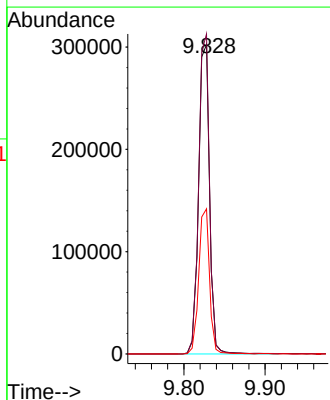
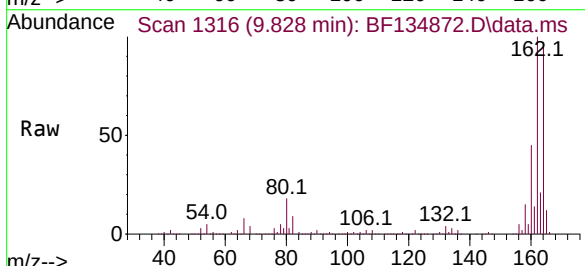
Tgt Ion: 164 Resp: 282452

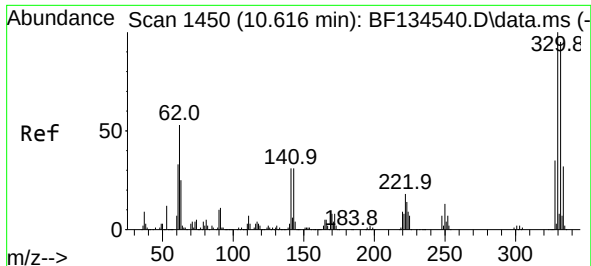
Ion Ratio Lower Upper

164 100

162 103.4 82.6 123.8

160 46.9 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 131.008 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF134872.D

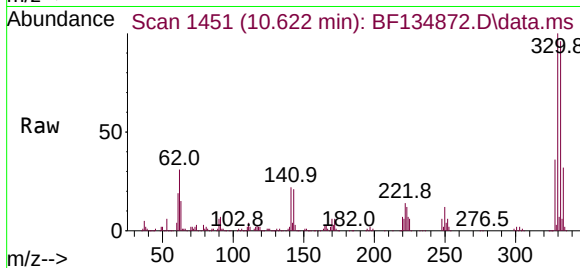
Acq: 21 Aug 2023 17:37

Instrument :

BNA_F

ClientSampleId :

MAPLE-SHADE-COMP



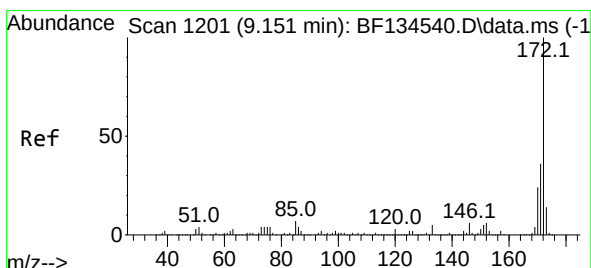
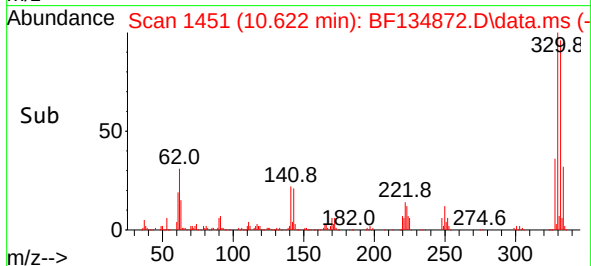
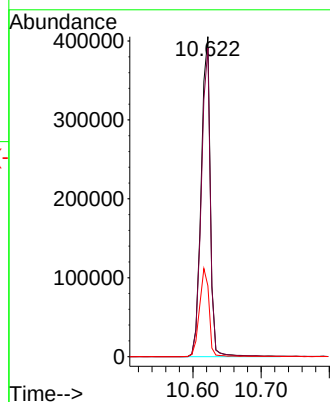
Tgt Ion:330 Resp: 377216

Ion Ratio Lower Upper

330 100

332 95.5 78.8 118.2

141 29.1 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 93.258 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.011 min

Lab File: BF134872.D

Acq: 21 Aug 2023 17:37

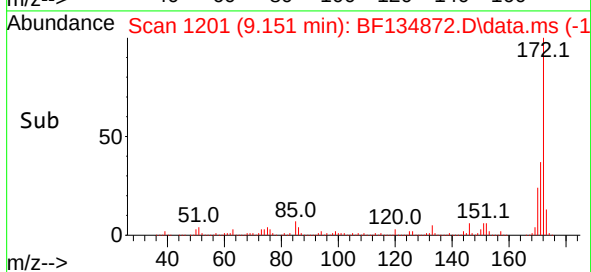
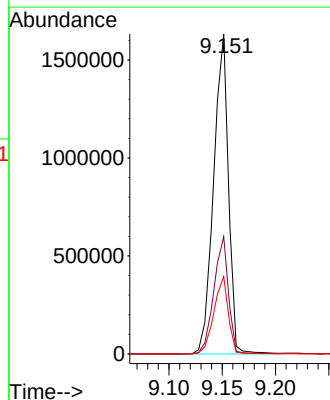
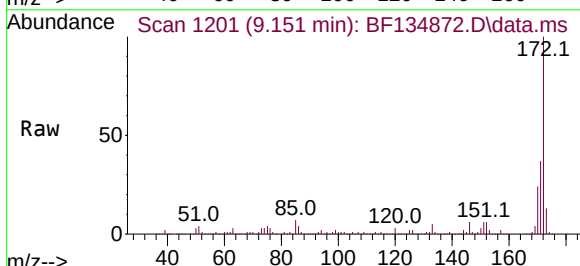
Tgt Ion:172 Resp: 1584231

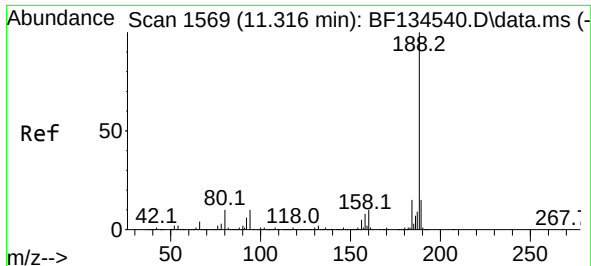
Ion Ratio Lower Upper

172 100

171 36.6 28.8 43.2

170 24.2 18.7 28.1

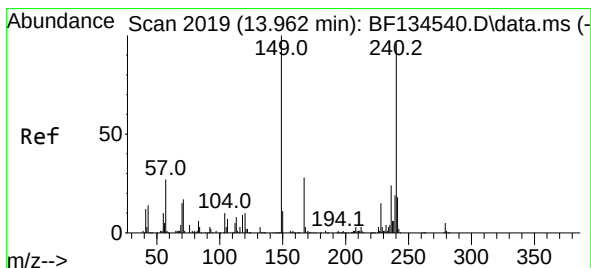
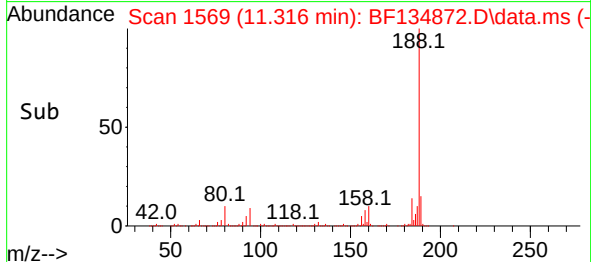
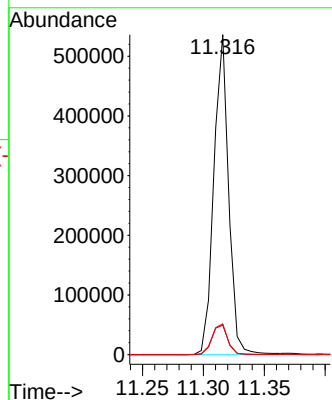
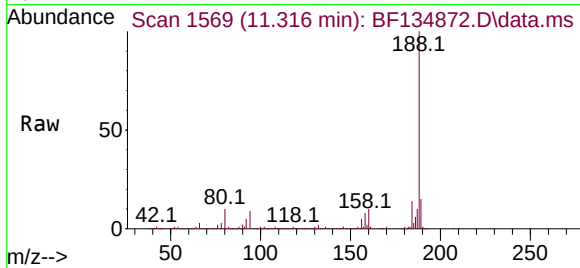




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134872.D
Acq: 21 Aug 2023 17:37

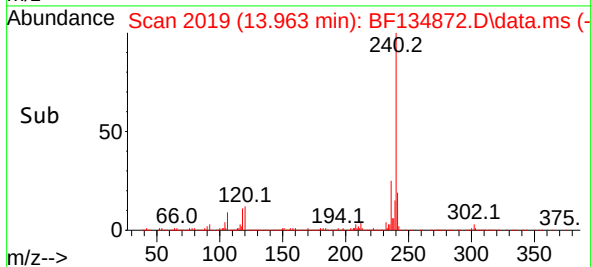
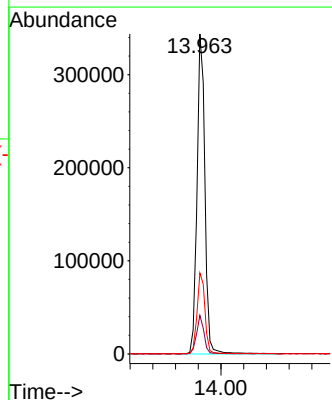
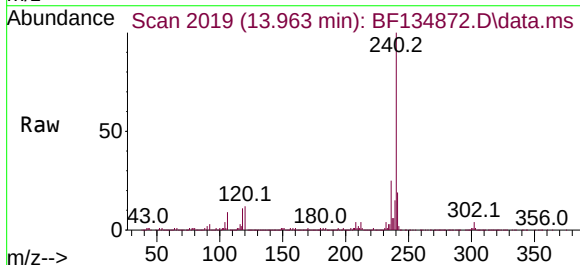
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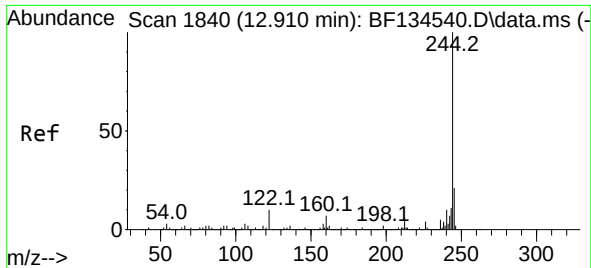
Tgt Ion:188 Resp: 453871
Ion Ratio Lower Upper
188 100
94 9.2 5.1 7.7#
80 9.6 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.011 min
Lab File: BF134872.D
Acq: 21 Aug 2023 17:37

Tgt Ion:240 Resp: 329732
Ion Ratio Lower Upper
240 100
120 12.0 6.6 10.0#
236 25.3 20.2 30.2

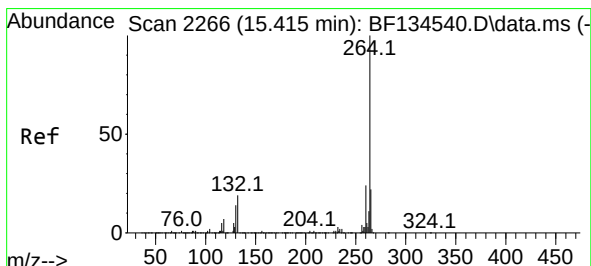
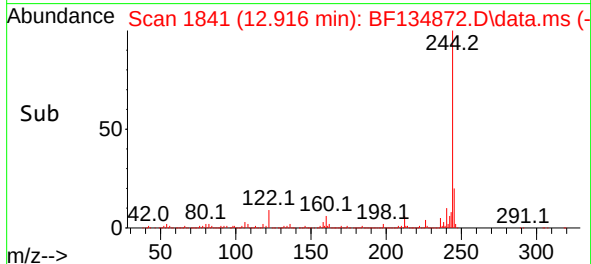
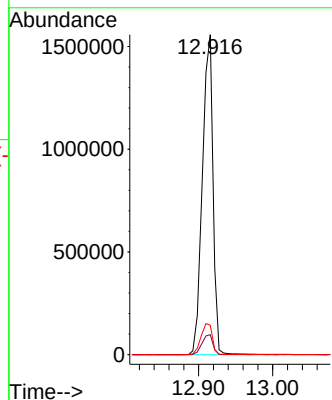
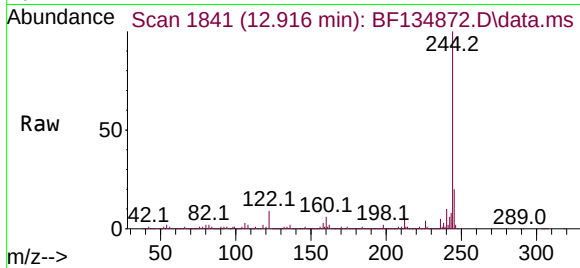




#79
 Terphenyl-d14
 Concen: 82.788 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF134872.D
 Acq: 21 Aug 2023 17:37

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1548485
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.6 8.4
 122 9.2 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF134872.D
 Acq: 21 Aug 2023 17:37

Tgt Ion:264 Resp: 276073
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 21.5 15.8 23.8

