

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
 Data File : BF134675.D
 Acq On : 08 Aug 2023 17:01
 Operator : CG\JU
 Sample : 03903-19DL 25X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-09WDL

Quant Time: Aug 09 02:19:00 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)

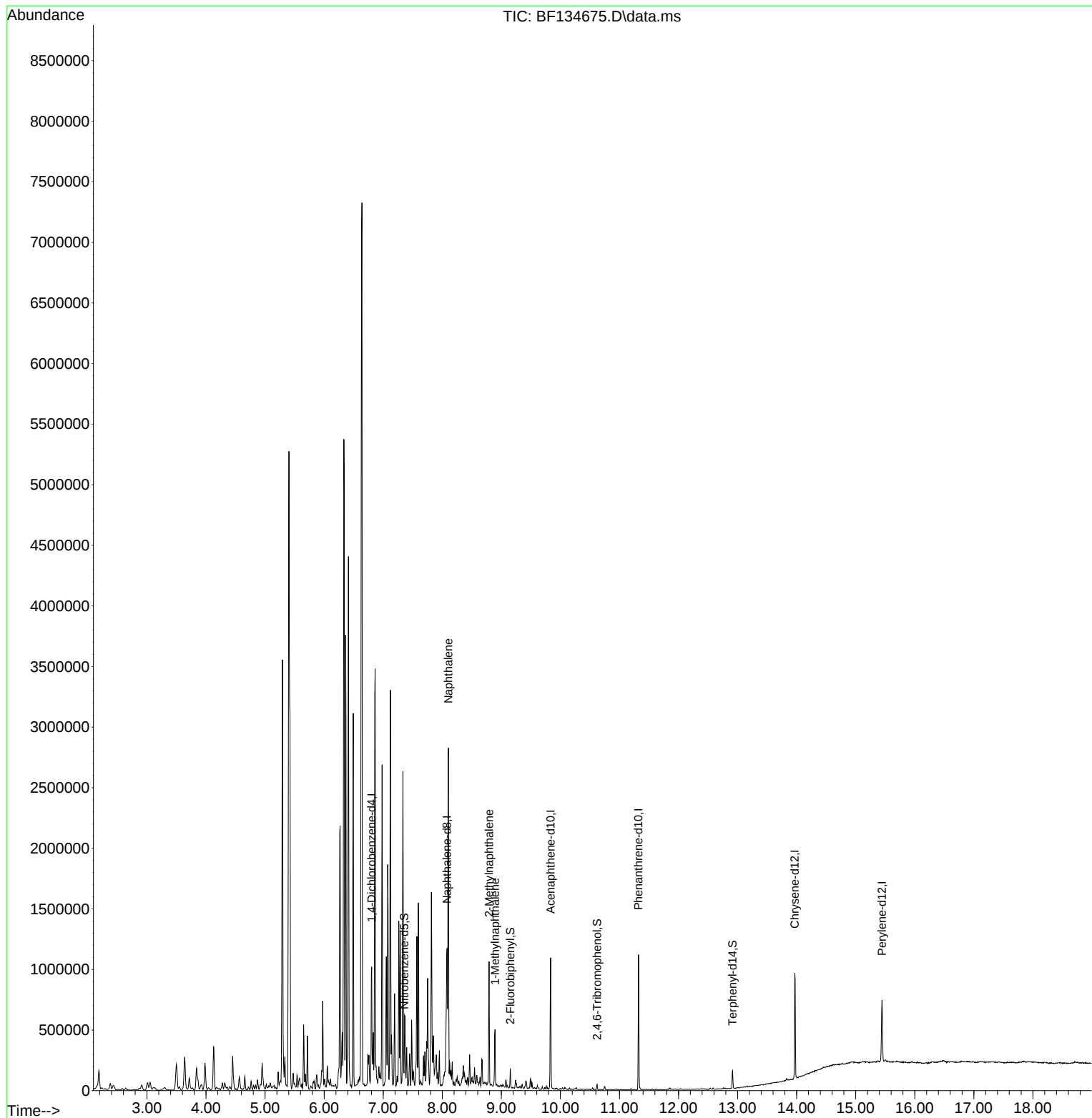
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	140418	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	474431	20.000	ng	# 0.00
39) Acenaphthene-d10	9.834	164	193989	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	363131	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	299983	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	241530	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	15332	1.660	ng	0.00
7) Phenol-d6	6.428	99	15871	1.344	ng	-0.01
23) Nitrobenzene-d5	7.357	82	22586	2.975	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	4582	2.317	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	42548	3.647	ng	-0.01
79) Terphenyl-d14	12.916	244	49319	2.898	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.104	128	1142230	47.904	ng	99
37) 2-Methylnaphthalene	8.792	142	253035	16.010	ng	99
38) 1-Methylnaphthalene	8.892	142	116508	7.928	ng	98

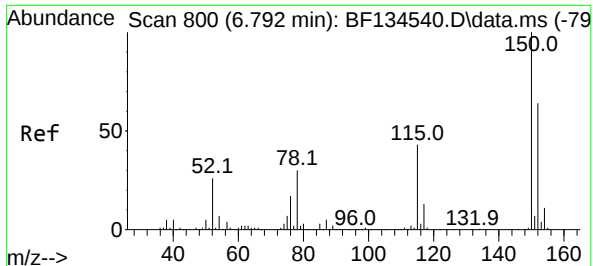
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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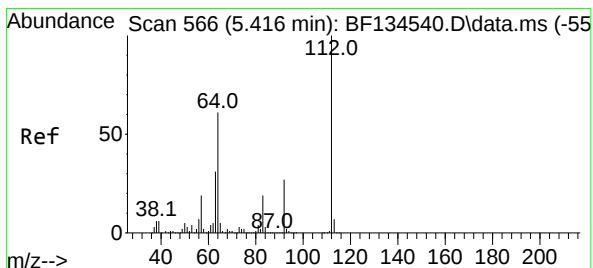
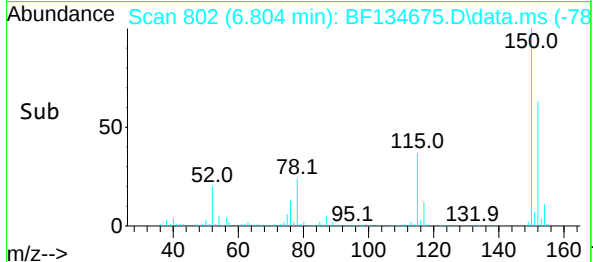
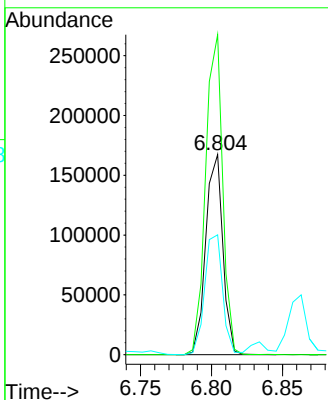
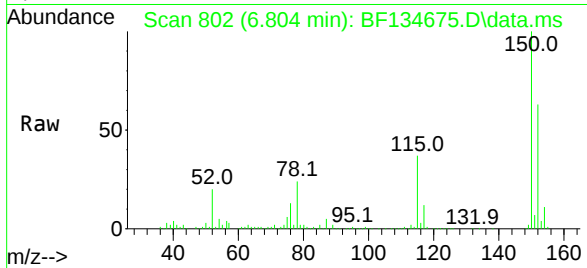




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF134675.D
Acq: 08 Aug 2023 17:01

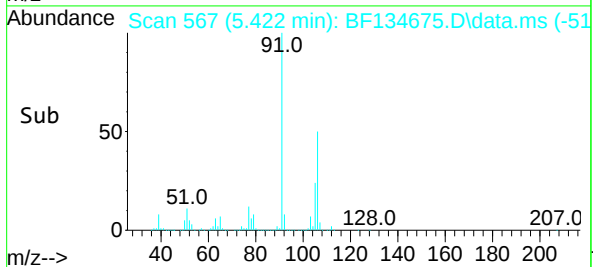
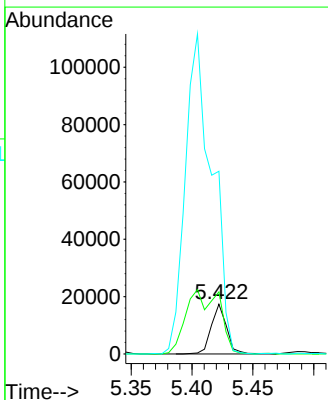
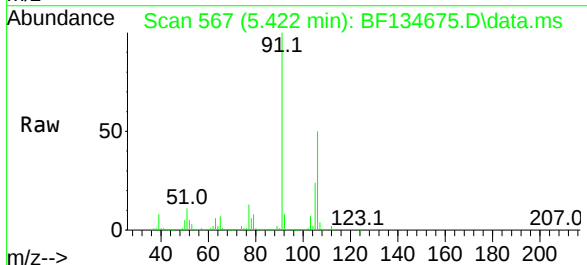
Instrument :
BNA_F
ClientSampleId :
MW-09WDL

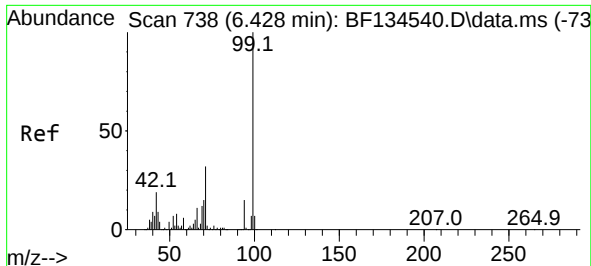
Tgt Ion:152 Resp: 140418
Ion Ratio Lower Upper
152 100
150 159.8 128.3 192.5
115 59.9 52.4 78.6



#5
2-Fluorophenol
Concen: 1.660 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF134675.D
Acq: 08 Aug 2023 17:01

Tgt Ion:112 Resp: 15332
Ion Ratio Lower Upper
112 100
64 124.8 44.9 67.3#
63 367.0 25.4 38.0#

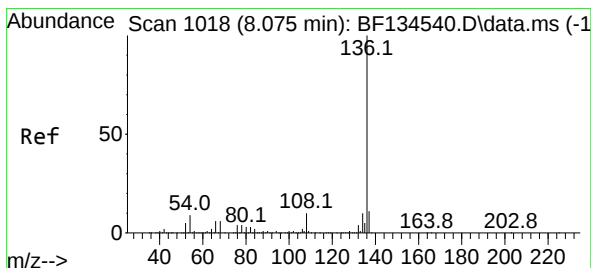
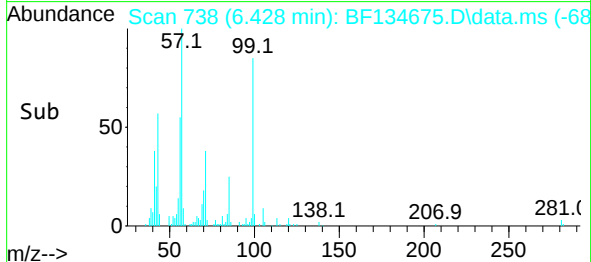
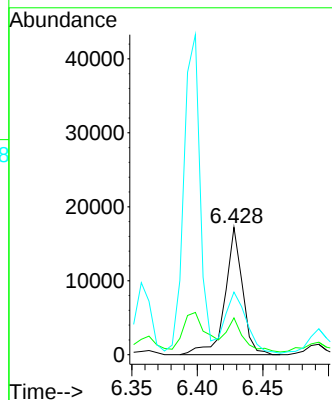
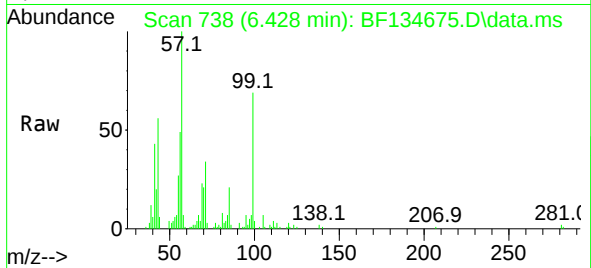




#7
Phenol-d6
Concen: 1.344 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134675.D
Acq: 08 Aug 2023 17:01

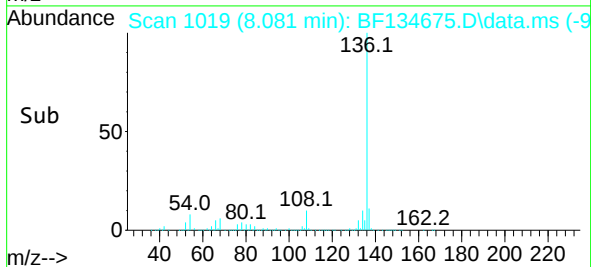
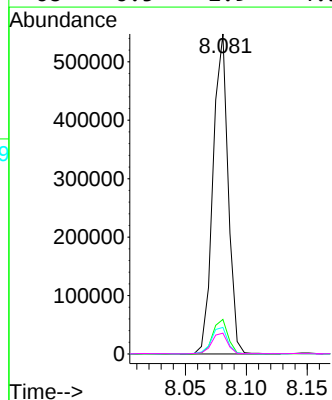
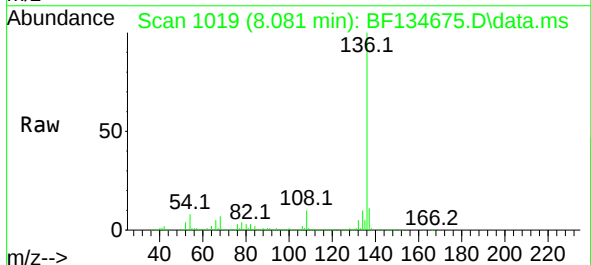
Instrument :
BNA_F
ClientSampleId :
MW-09WDL

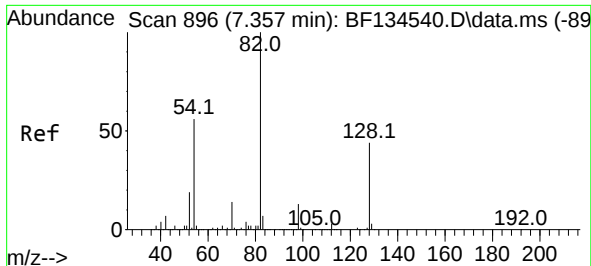
Tgt Ion: 99 Resp: 15871
Ion Ratio Lower Upper
99 100
42 28.9 18.7 28.1#
71 49.1 36.4 54.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF134675.D
Acq: 08 Aug 2023 17:01

Tgt Ion: 136 Resp: 474431
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.3 5.2 7.8#
68 6.5 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 2.975 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134675.D

Acq: 08 Aug 2023 17:01

Instrument :

BNA_F

ClientSampleId :

MW-09WDL

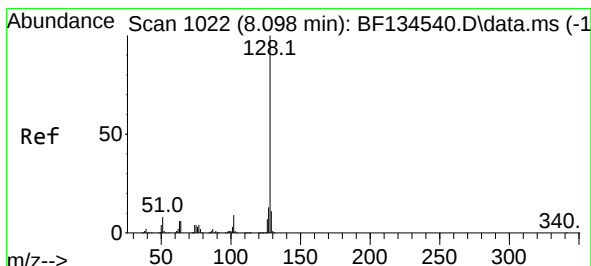
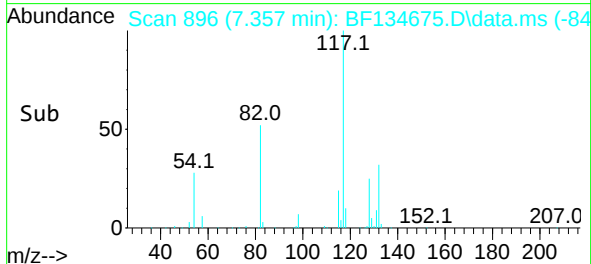
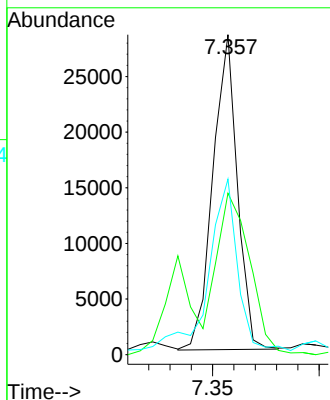
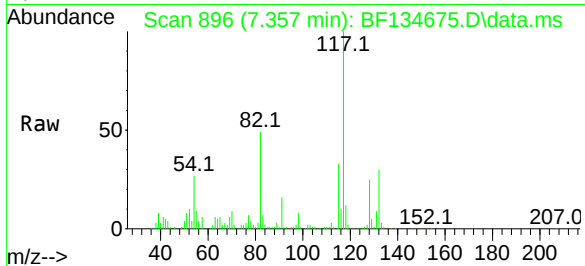
Tgt Ion: 82 Resp: 22586

Ion Ratio Lower Upper

82 100

128 50.5 34.3 51.5

54 54.8 43.8 65.6



#31

Naphthalene

Concen: 47.904 ng

RT: 8.104 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF134675.D

Acq: 08 Aug 2023 17:01

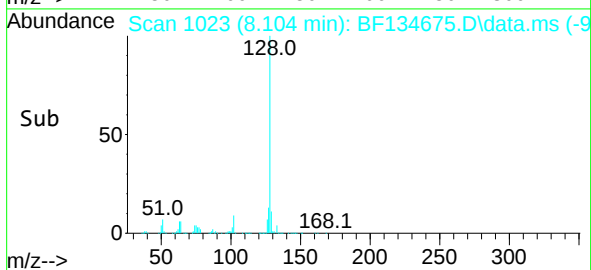
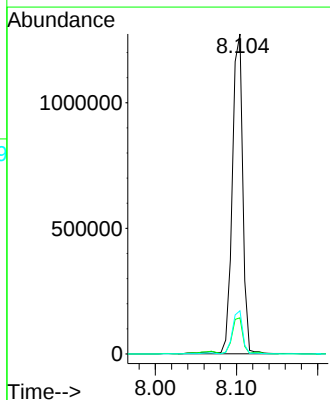
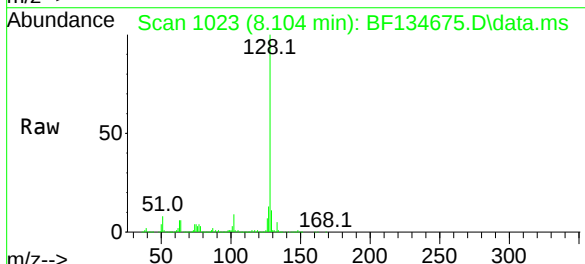
Tgt Ion: 128 Resp: 1142230

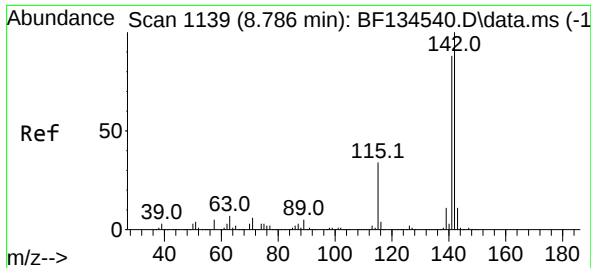
Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

127 13.5 10.7 16.1





#37

2-Methylnaphthalene

Concen: 16.010 ng

RT: 8.792 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF134675.D

Acq: 08 Aug 2023 17:01

Instrument :

BNA_F

ClientSampleId :

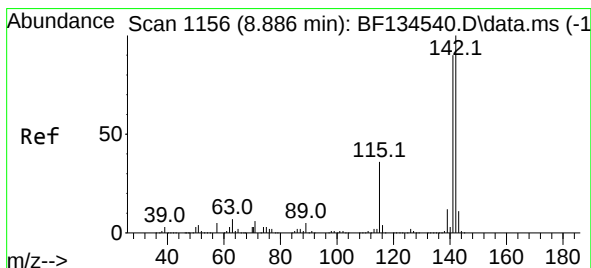
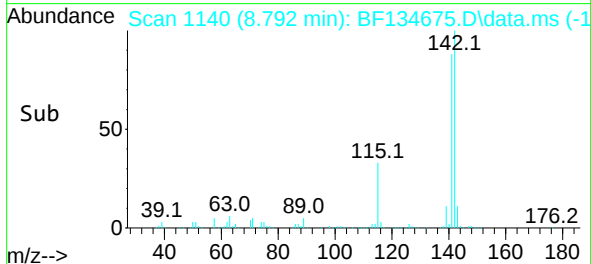
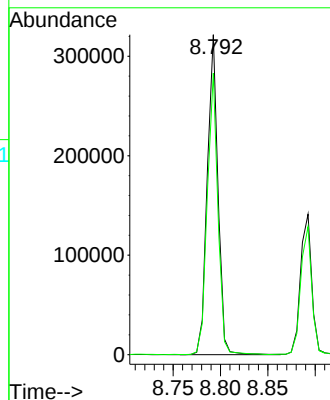
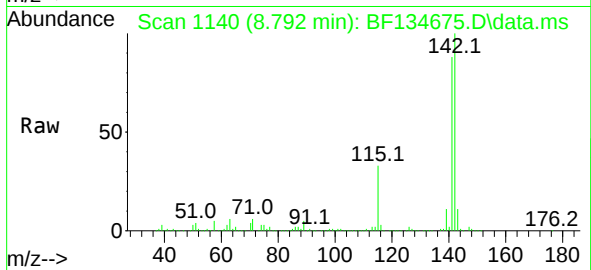
MW-09WDL

Tgt Ion:142 Resp: 253035

Ion Ratio Lower Upper

142 100

141 88.0 70.8 106.2



#38

1-Methylnaphthalene

Concen: 7.928 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF134675.D

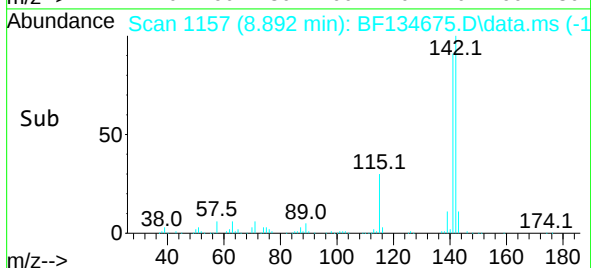
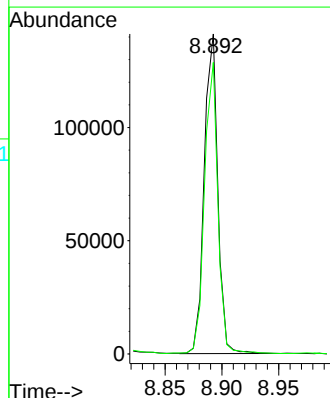
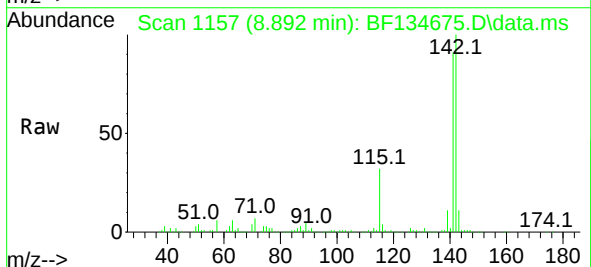
Acq: 08 Aug 2023 17:01

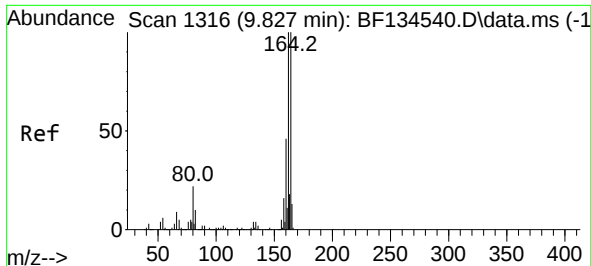
Tgt Ion:142 Resp: 116508

Ion Ratio Lower Upper

142 100

141 91.1 71.4 107.2

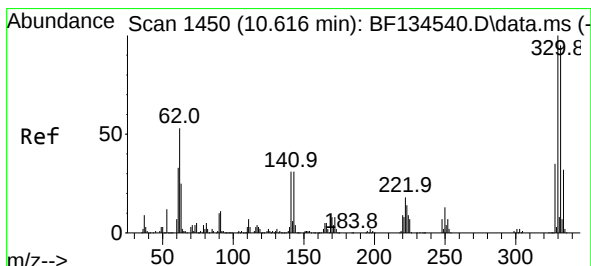
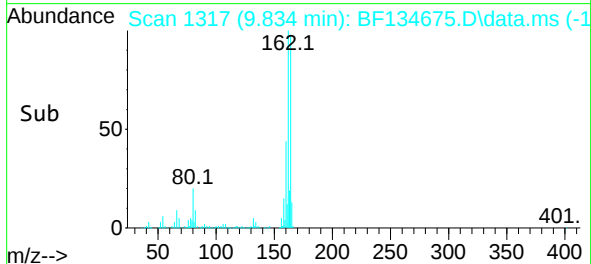
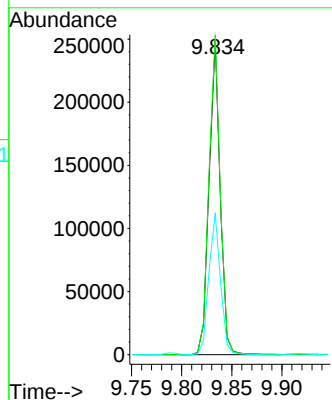
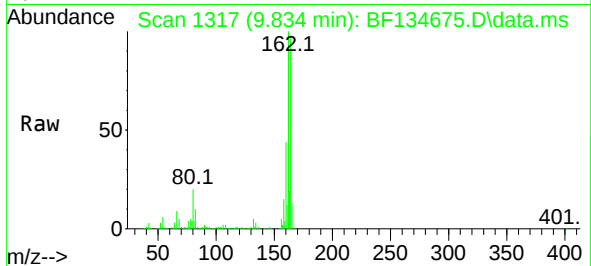




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134675.D
Acq: 08 Aug 2023 17:01

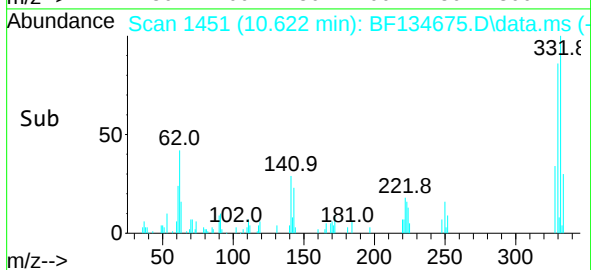
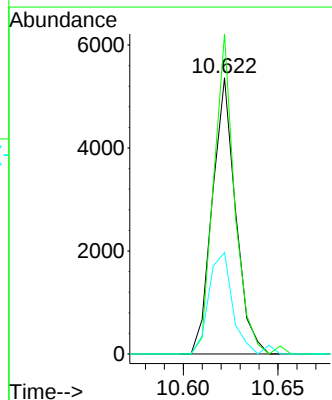
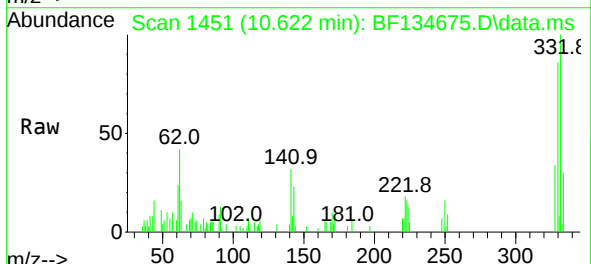
Instrument :
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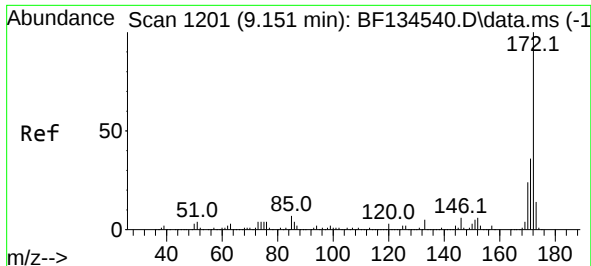
Tgt Ion:164 Resp: 193989
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 45.1 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 2.317 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134675.D
Acq: 08 Aug 2023 17:01

Tgt Ion:330 Resp: 4582
Ion Ratio Lower Upper
330 100
332 104.7 78.8 118.2
141 38.3 25.4 38.2#

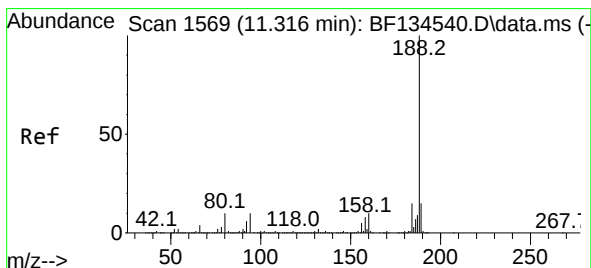
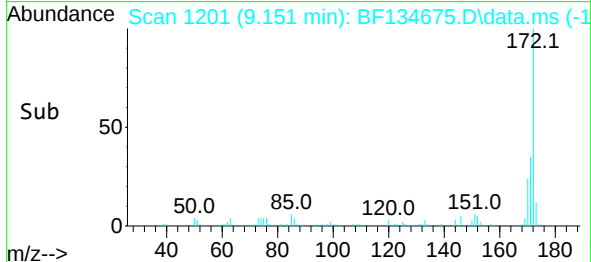
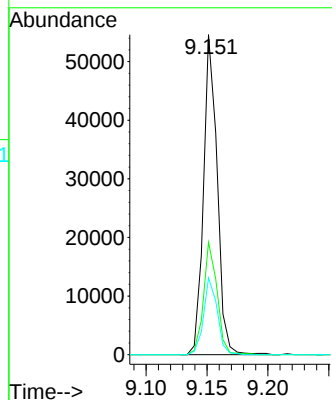
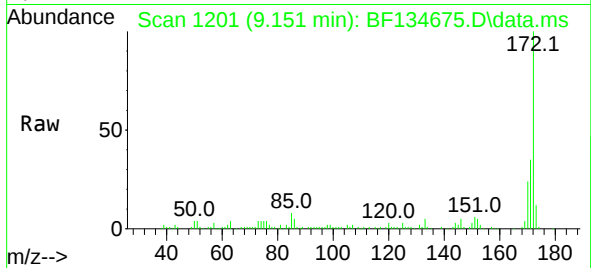




#45
2-Fluorobiphenyl
Concen: 3.647 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134675.D
Acq: 08 Aug 2023 17:01

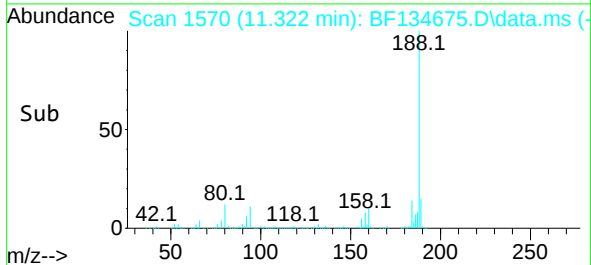
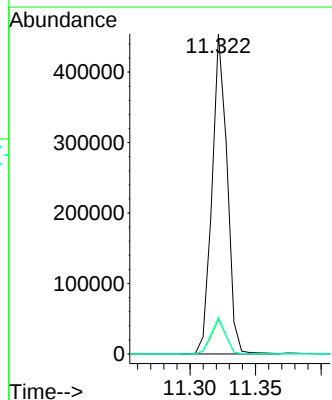
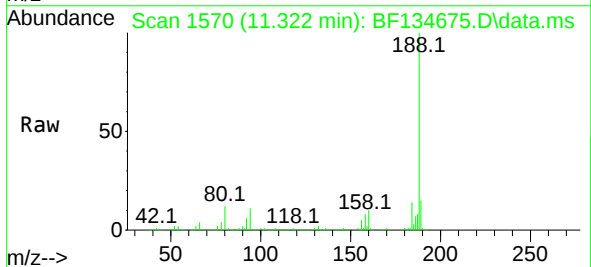
Instrument :
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MW-09WDL

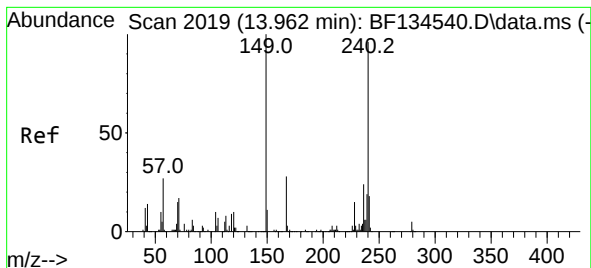
Tgt Ion:172 Resp: 42548
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 24.0 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF134675.D
Acq: 08 Aug 2023 17:01

Tgt Ion:188 Resp: 363131
Ion Ratio Lower Upper
188 100
94 10.8 5.1 7.7#
80 11.5 6.6 9.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134675.D

Acq: 08 Aug 2023 17:01

Instrument :

BNA_F

ClientSampleId :

MW-09WDL

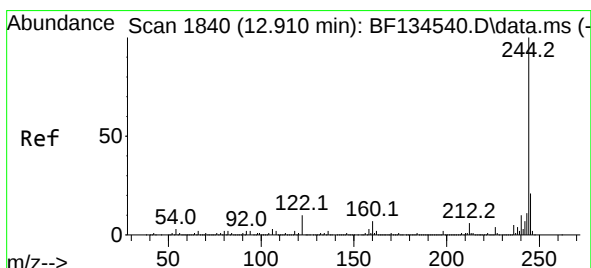
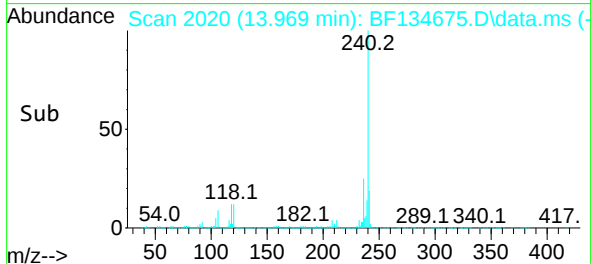
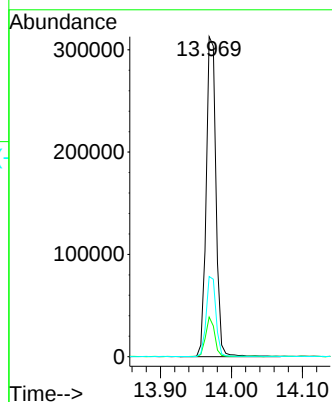
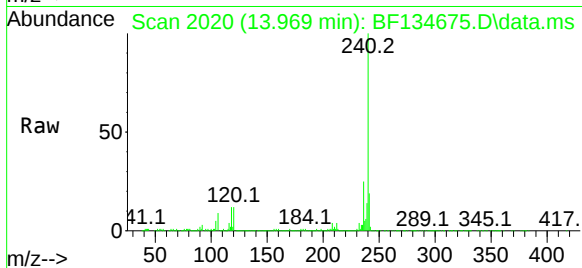
Tgt Ion:240 Resp: 299983

Ion Ratio Lower Upper

240 100

120 12.4 6.6 10.0#

236 25.0 20.2 30.2



#79

Terphenyl-d14

Concen: 2.898 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF134675.D

Acq: 08 Aug 2023 17:01

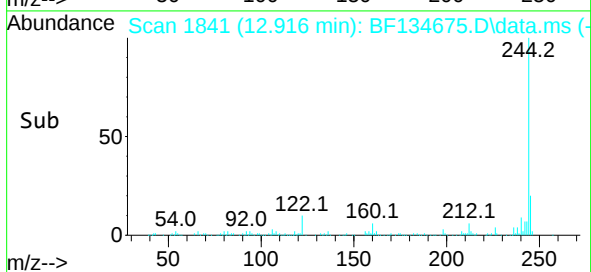
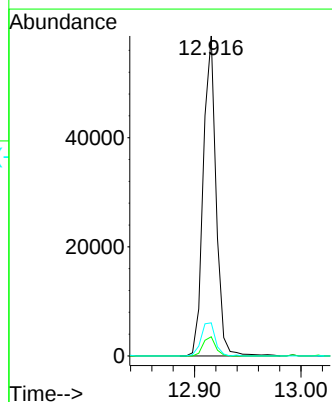
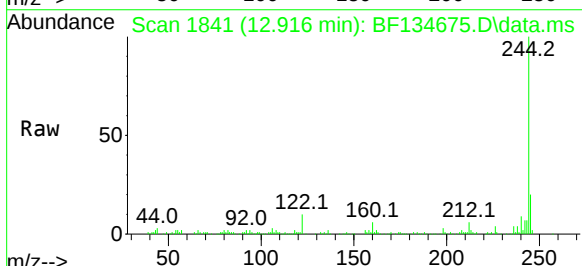
Tgt Ion:244 Resp: 49319

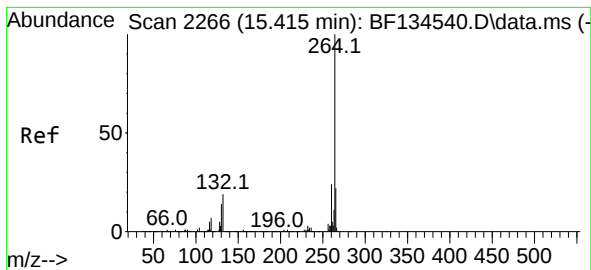
Ion Ratio Lower Upper

244 100

212 6.0 5.6 8.4

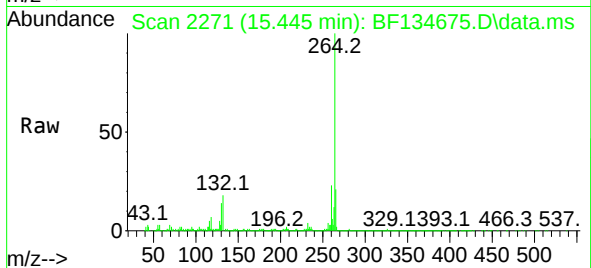
122 10.4 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134675.D
Acq: 08 Aug 2023 17:01

Instrument :
BNA_F
ClientSampleId :
MW-09WDL



Tgt Ion:264 Resp: 241530

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.4	27.6
265	21.3	15.8	23.8

