

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
 Data File : BF134650.D
 Acq On : 07 Aug 2023 12:58
 Operator : CG\JU
 Sample : 03887-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MCLEAN-TP6

Quant Time: Aug 08 01:20:46 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)

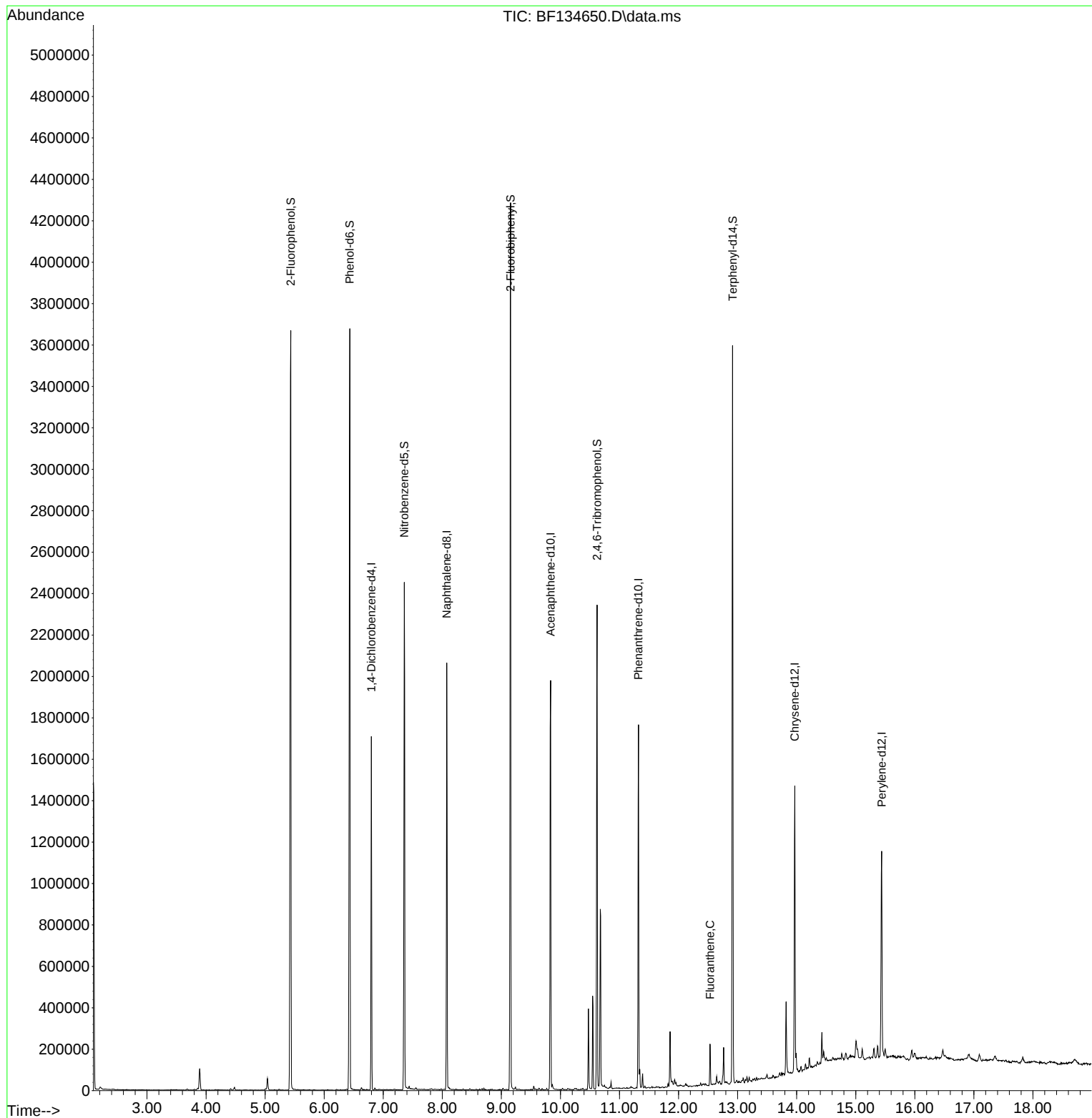
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	218656	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	836916	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	385966	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	598754	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	455349	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	463332	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1055911	73.407	ng	0.00
7) Phenol-d6	6.434	99	1310589	71.276	ng	0.00
23) Nitrobenzene-d5	7.357	82	774461	57.829	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	280562	71.307	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1339381	57.699	ng	0.00
79) Terphenyl-d14	12.916	244	1189677	46.058	ng	0.00
Target Compounds						
75) Fluoranthene	12.533	202	72529	2.159	ng	Qvalue 97

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

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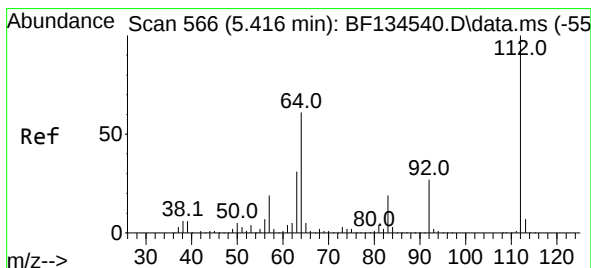
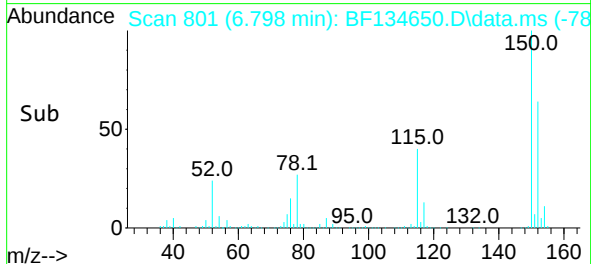
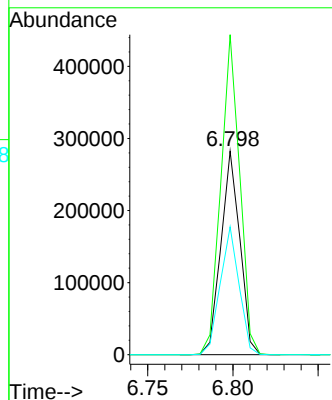
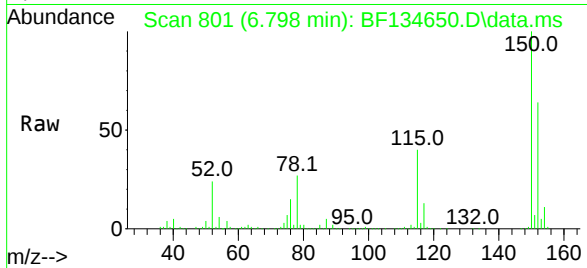




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF134650.D
Acq: 07 Aug 2023 12:58

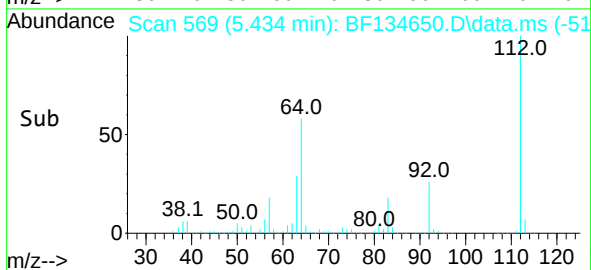
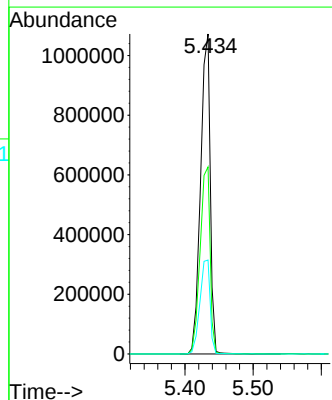
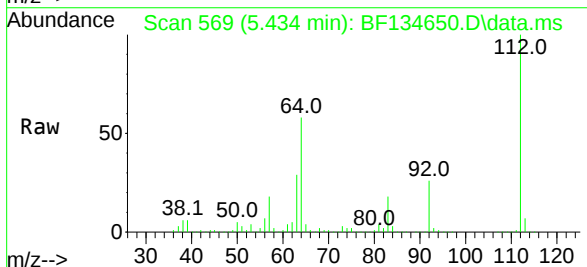
Instrument :
BNA_F
ClientSampleId :
MCLEAN-TP6

Tgt Ion:152 Resp: 218656
Ion Ratio Lower Upper
152 100
150 157.2 128.3 192.5
115 62.8 52.4 78.6



#5
2-Fluorophenol
Concen: 73.407 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF134650.D
Acq: 07 Aug 2023 12:58

Tgt Ion:112 Resp: 1055911
Ion Ratio Lower Upper
112 100
64 58.4 44.9 67.3
63 29.4 25.4 38.0

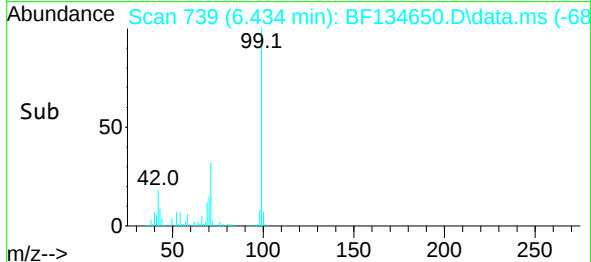
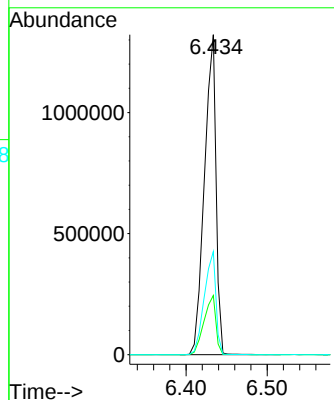
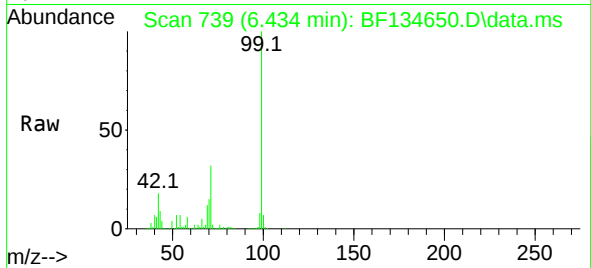




#7
Phenol-d6
Concen: 71.276 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134650.D
Acq: 07 Aug 2023 12:58

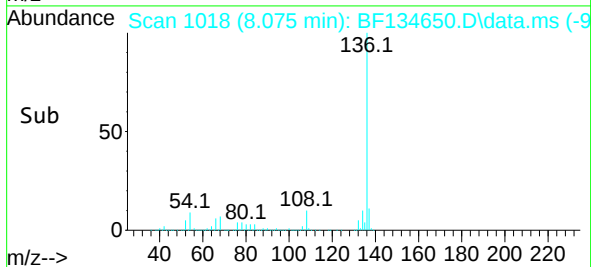
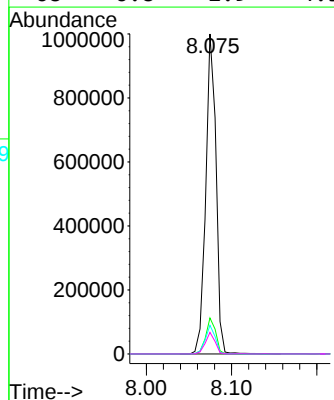
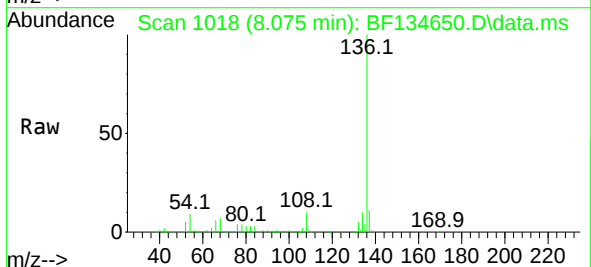
Instrument :
BNA_F
ClientSampleId :
MCLEAN-TP6

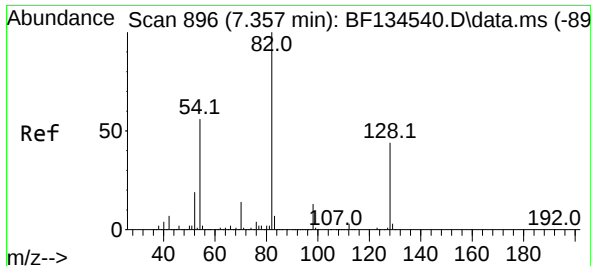
Tgt Ion: 99 Resp: 1310589
Ion Ratio Lower Upper
99 100
42 18.5 18.7 28.1#
71 32.2 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134650.D
Acq: 07 Aug 2023 12:58

Tgt Ion: 136 Resp: 836916
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.0 5.2 7.8#
68 6.8 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 57.829 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134650.D

Acq: 07 Aug 2023 12:58

Instrument :

BNA_F

ClientSampleId :

MCLEAN-TP6

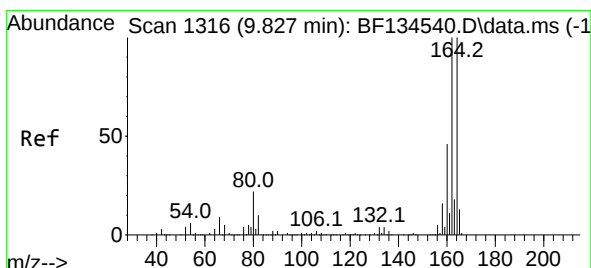
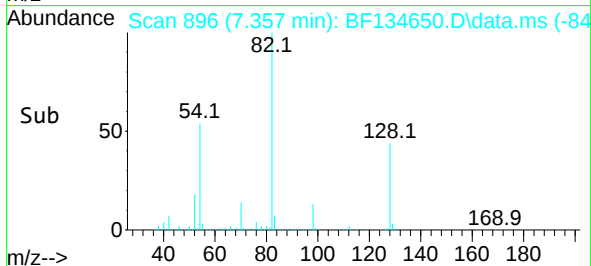
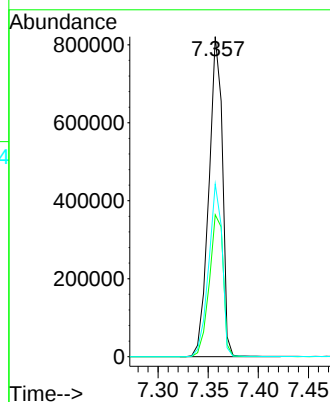
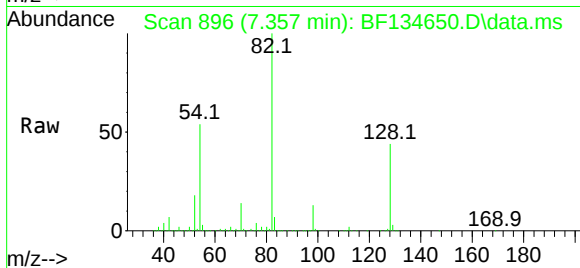
Tgt Ion: 82 Resp: 774461

Ion Ratio Lower Upper

82 100

128 44.3 34.3 51.5

54 54.0 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF134650.D

Acq: 07 Aug 2023 12:58

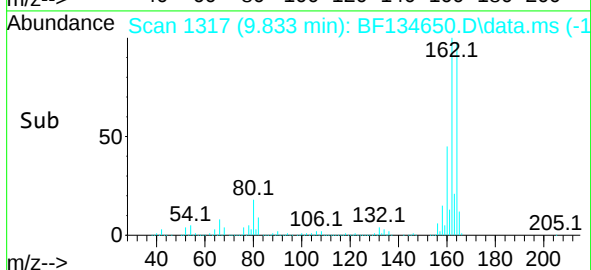
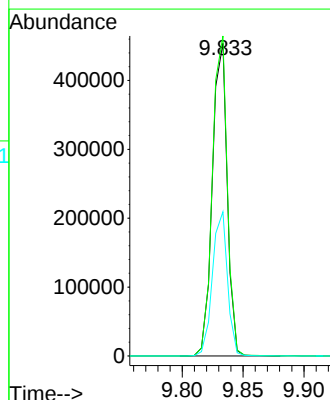
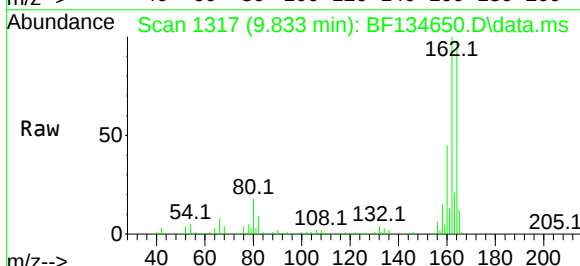
Tgt Ion:164 Resp: 385966

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

160 46.1 37.2 55.8

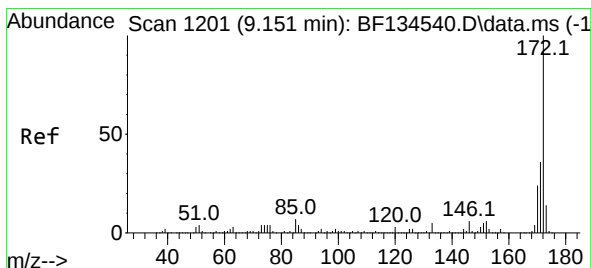
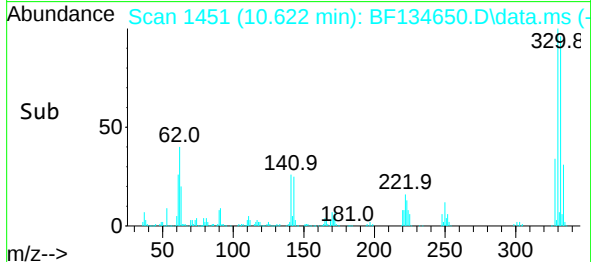
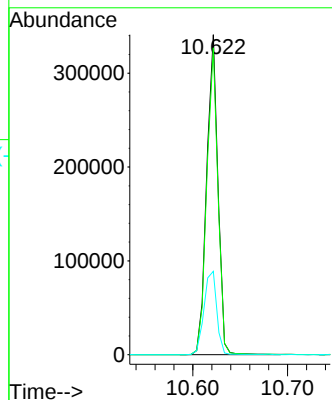
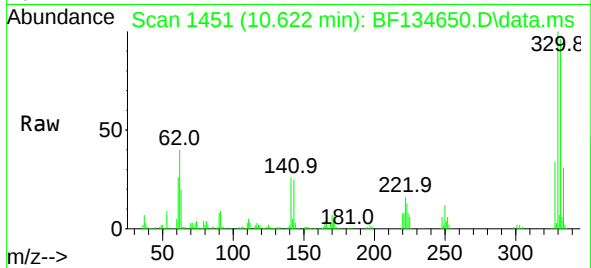




#42
2,4,6-Tribromophenol
Concen: 71.307 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134650.D
Acq: 07 Aug 2023 12:58

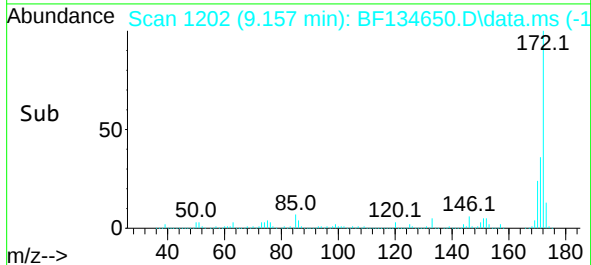
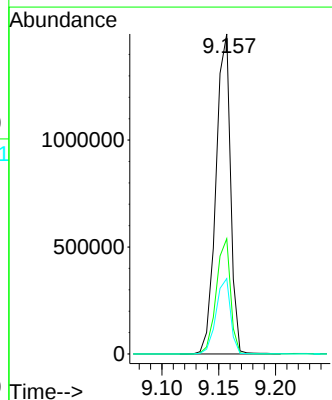
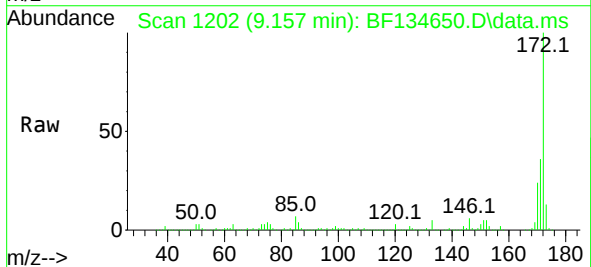
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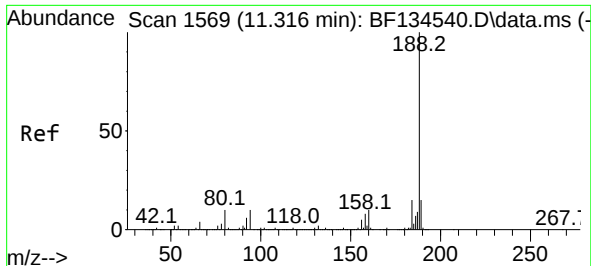
Tgt Ion:330 Resp: 280562
Ion Ratio Lower Upper
330 100
332 95.4 78.8 118.2
141 29.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 57.699 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF134650.D
Acq: 07 Aug 2023 12:58

Tgt Ion:172 Resp: 1339381
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.5 18.7 28.1

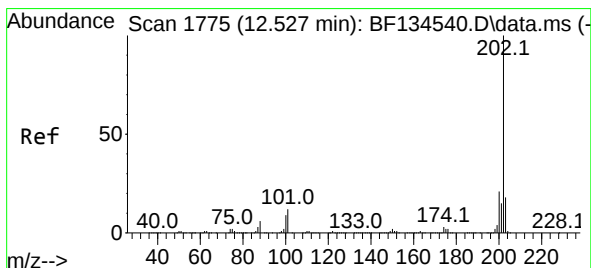
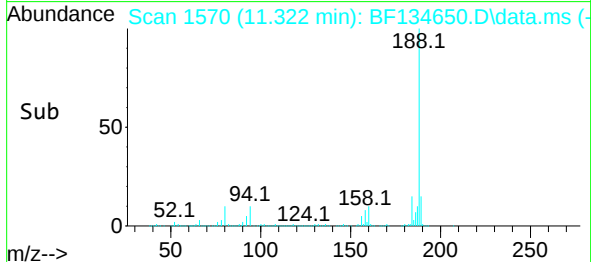
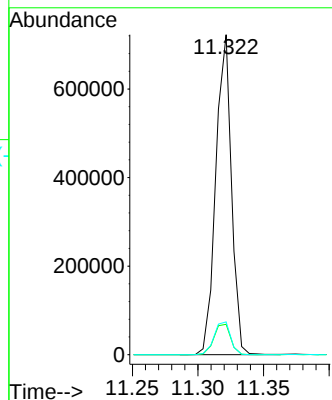
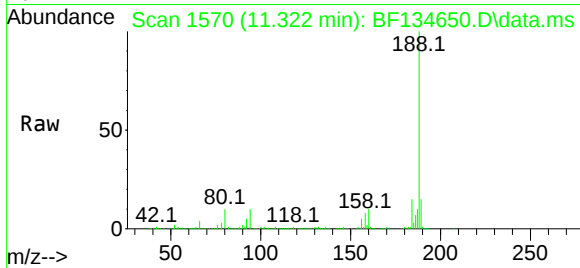




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134650.D
Acq: 07 Aug 2023 12:58

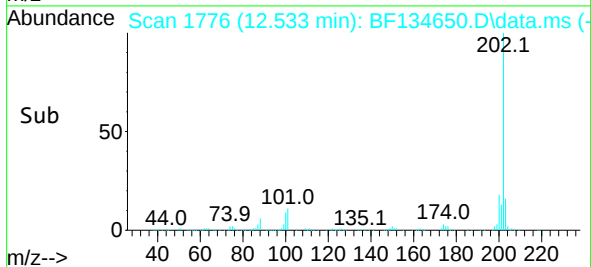
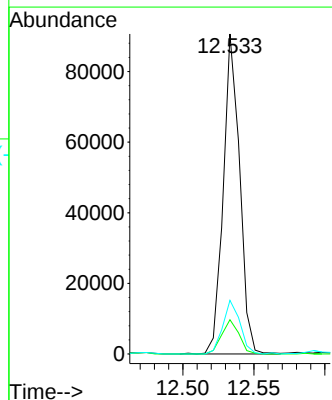
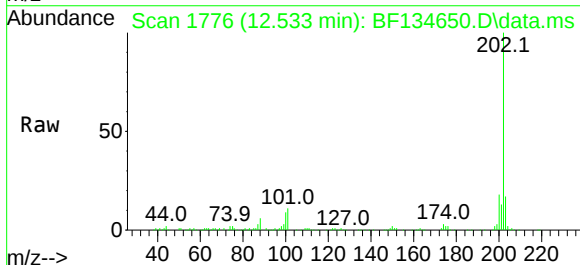
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BNA_F
ClientSampleId :
MCLEAN-TP6

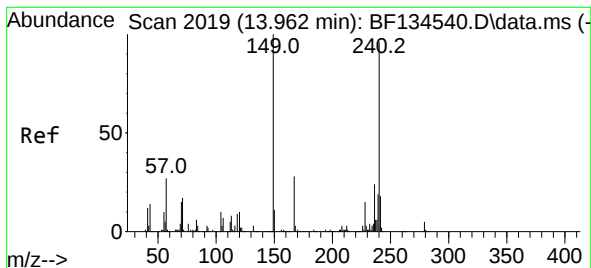
Tgt Ion:188 Resp: 598754
Ion Ratio Lower Upper
188 100
94 9.5 5.1 7.7#
80 10.3 6.6 9.8#



#75
Fluoranthene
Concen: 2.159 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF134650.D
Acq: 07 Aug 2023 12:58

Tgt Ion:202 Resp: 72529
Ion Ratio Lower Upper
202 100
101 10.7 0.0 28.5
203 16.8 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF134650.D

Acq: 07 Aug 2023 12:58

Instrument :

BNA_F

ClientSampleId :

MCLEAN-TP6

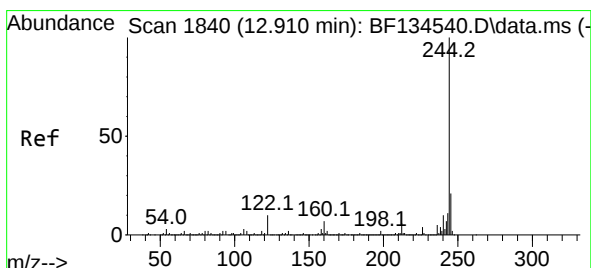
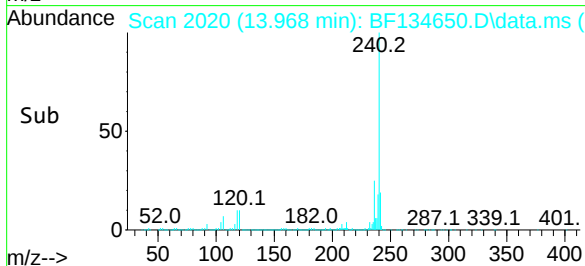
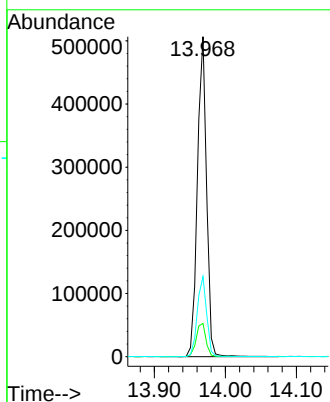
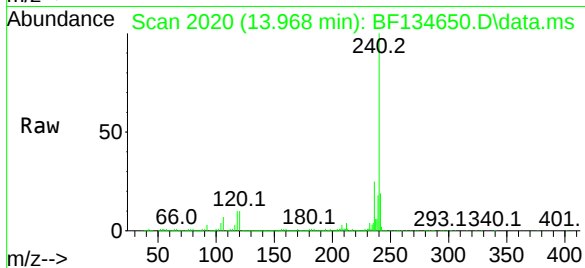
Tgt Ion:240 Resp: 455349

Ion Ratio Lower Upper

240 100

120 10.4 6.6 10.0#

236 25.0 20.2 30.2



#79

Terphenyl-d14

Concen: 46.058 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF134650.D

Acq: 07 Aug 2023 12:58

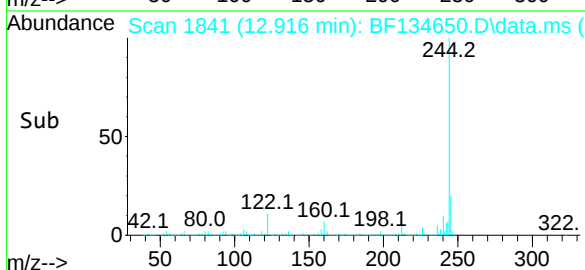
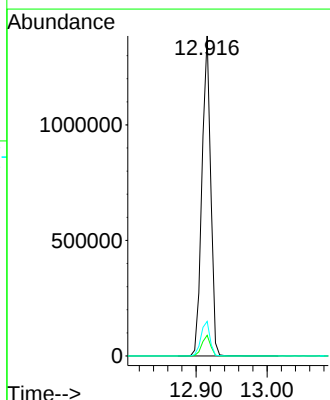
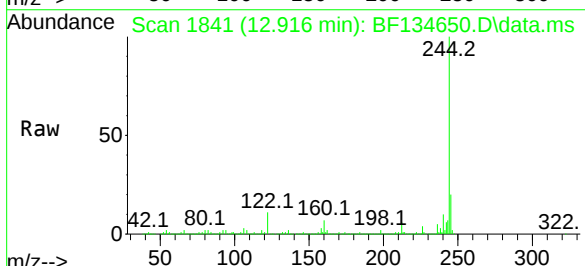
Tgt Ion:244 Resp: 1189677

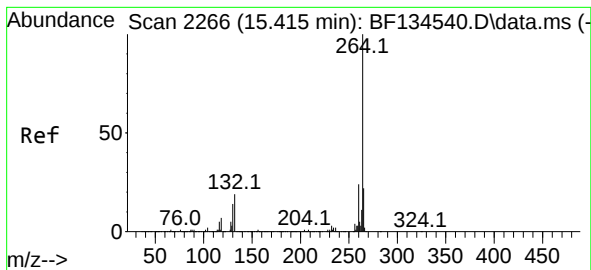
Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

122 10.8 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF134650.D
Acq: 07 Aug 2023 12:58

Instrument :
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Tgt Ion:264 Resp: 463332
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 21.7 15.8 23.8

