

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
 Data File : BF134652.D
 Acq On : 07 Aug 2023 14:03
 Operator : CG\JU
 Sample : 03840-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUILDING-B-5-(5-10)

Quant Time: Aug 08 01:21:19 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)

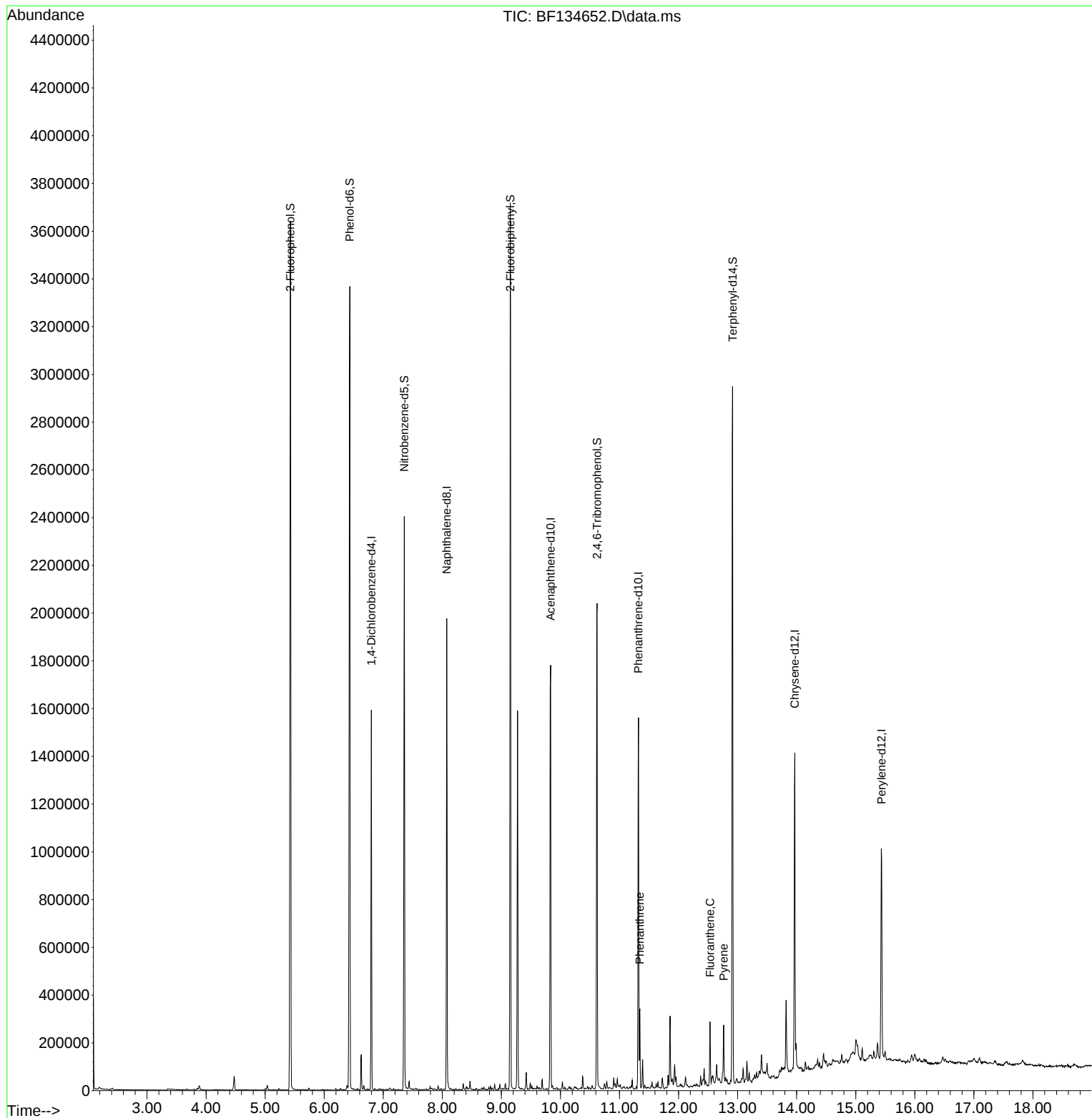
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	202002	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	775311	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	358444	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	563233	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	422374	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	425039	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	973151	73.231	ng	0.00
7) Phenol-d6	6.434	99	1224644	72.093	ng	0.00
23) Nitrobenzene-d5	7.357	82	697503	56.221	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	257805	70.554	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1129325	52.385	ng	-0.01
79) Terphenyl-d14	12.916	244	1011326	42.210	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.345	178	122725	4.102	ng	98
75) Fluoranthene	12.533	202	97042	3.071	ng	97
78) Pyrene	12.763	202	90776	2.484	ng	99

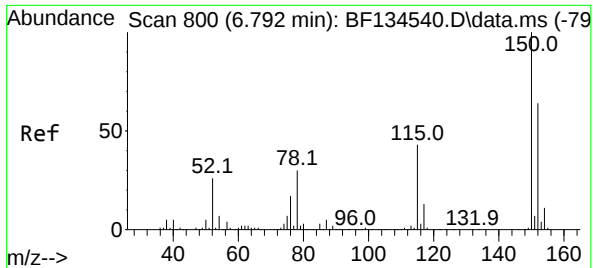
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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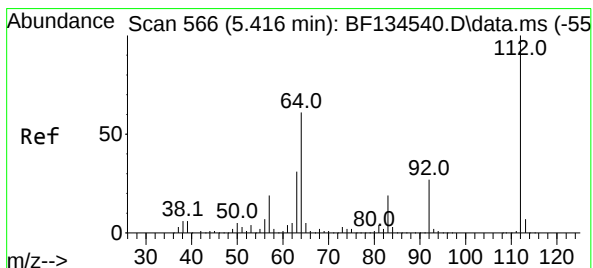
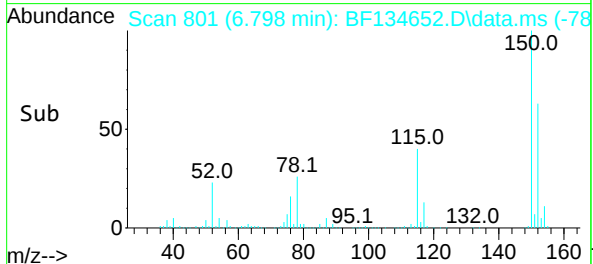
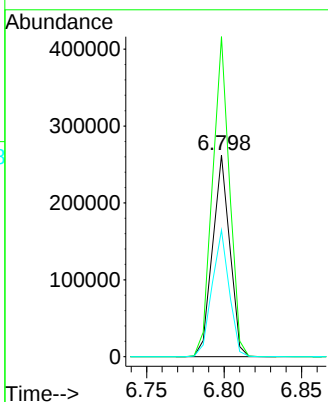
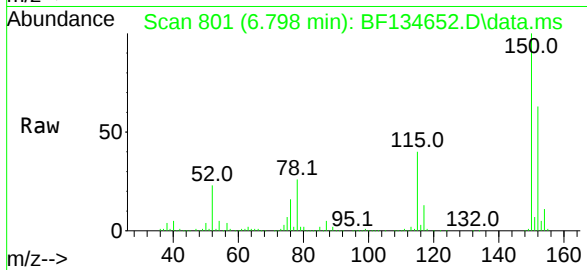




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134652.D
 Acq: 07 Aug 2023 14:03

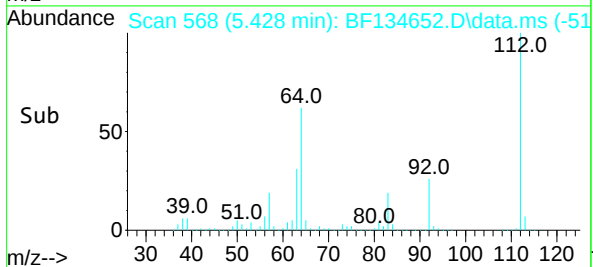
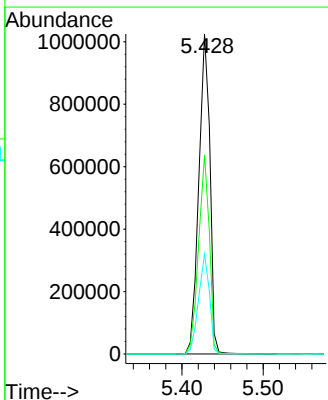
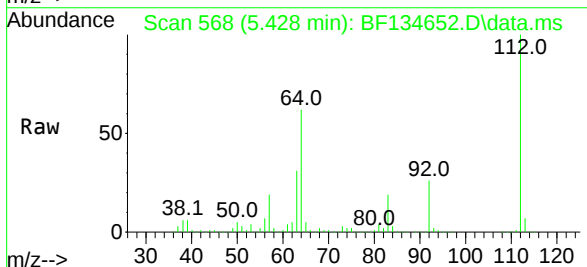
Instrument :
 BNA_F
 ClientSampleId :
 BUILDING-B-5-(5-10)

Tgt Ion:152 Resp: 202002
 Ion Ratio Lower Upper
 152 100
 150 158.7 128.3 192.5
 115 62.7 52.4 78.6



#5
 2-Fluorophenol
 Concen: 73.231 ng
 RT: 5.428 min Scan# 568
 Delta R.T. -0.000 min
 Lab File: BF134652.D
 Acq: 07 Aug 2023 14:03

Tgt Ion:112 Resp: 973151
 Ion Ratio Lower Upper
 112 100
 64 62.2 44.9 67.3
 63 31.1 25.4 38.0

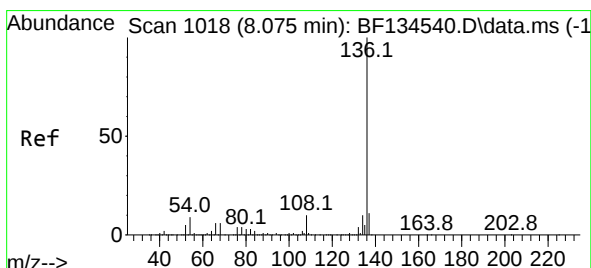
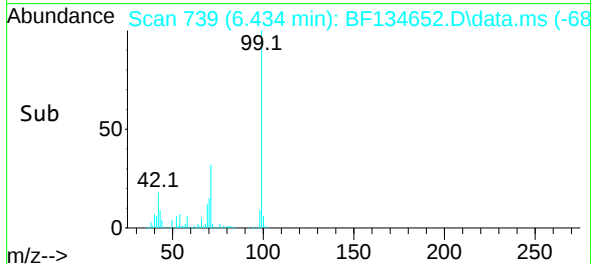
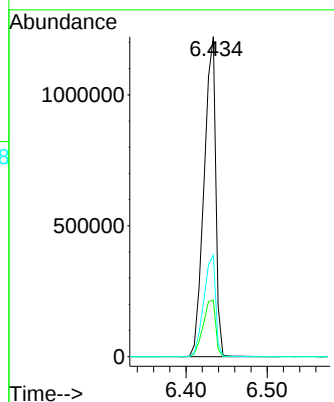
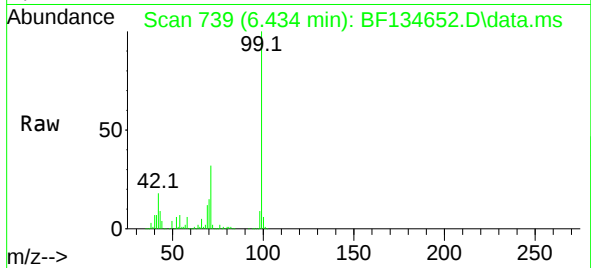




#7
Phenol-d6
Concen: 72.093 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134652.D
Acq: 07 Aug 2023 14:03

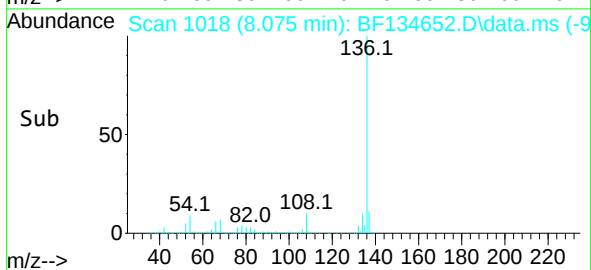
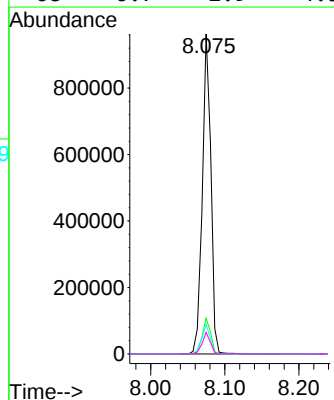
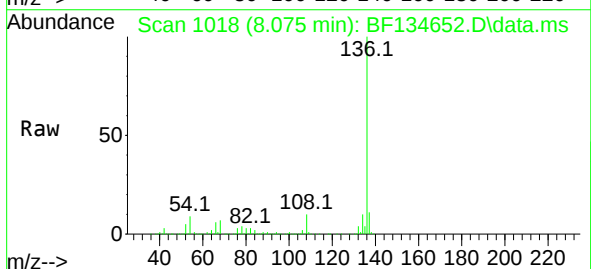
Instrument :
BNA_F
ClientSampleId :
BUILDING-B-5-(5-10)

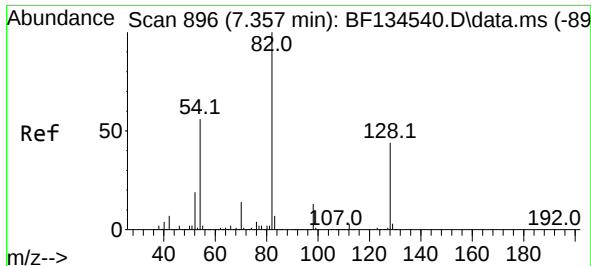
Tgt Ion: 99 Resp: 1224644
Ion Ratio Lower Upper
99 100
42 17.6 18.7 28.1#
71 31.7 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134652.D
Acq: 07 Aug 2023 14:03

Tgt Ion: 136 Resp: 775311
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 9.2 5.2 7.8#
68 6.7 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 56.221 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134652.D

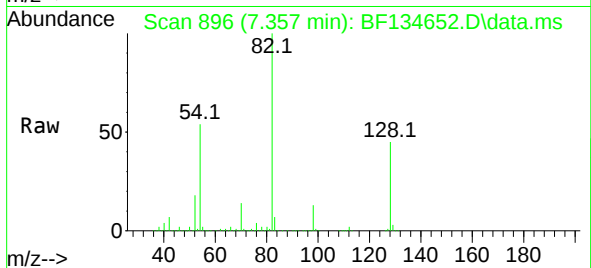
Acq: 07 Aug 2023 14:03

Instrument :

BNA_F

ClientSampleId :

BUILDING-B-5-(5-10)



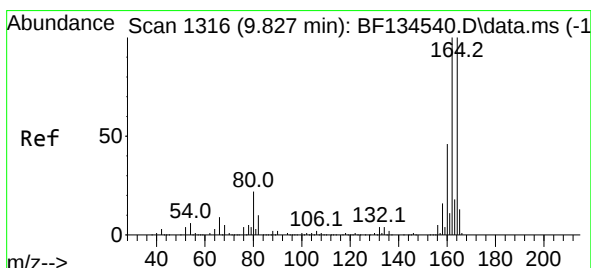
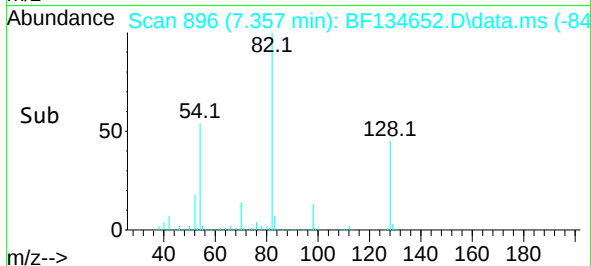
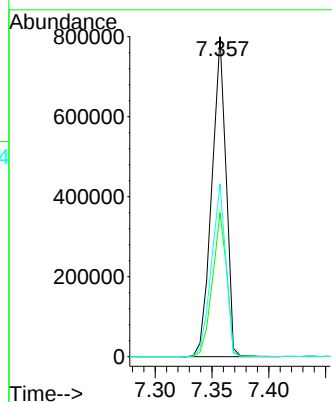
Tgt Ion: 82 Resp: 697503

Ion Ratio Lower Upper

82 100

128 44.9 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: BF134652.D

Acq: 07 Aug 2023 14:03

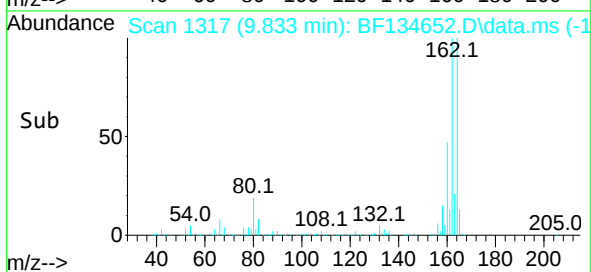
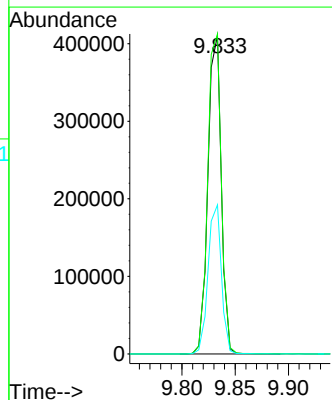
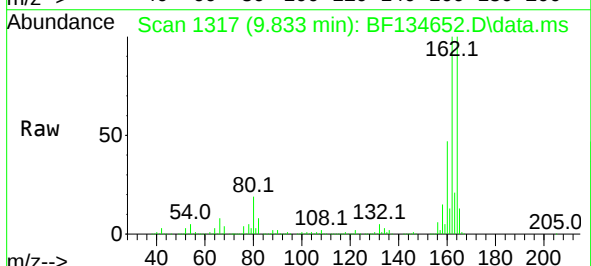
Tgt Ion:164 Resp: 358444

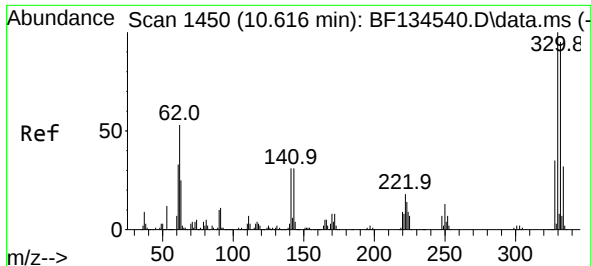
Ion Ratio Lower Upper

164 100

162 100.5 82.6 123.8

160 46.8 37.2 55.8

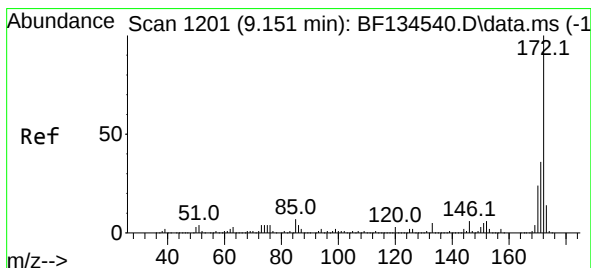
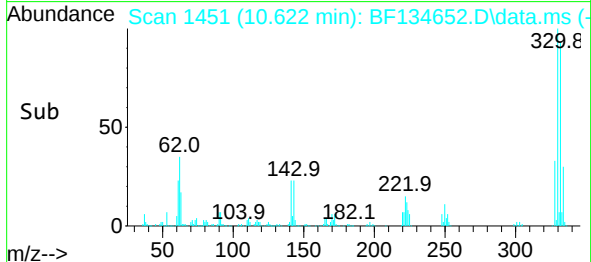
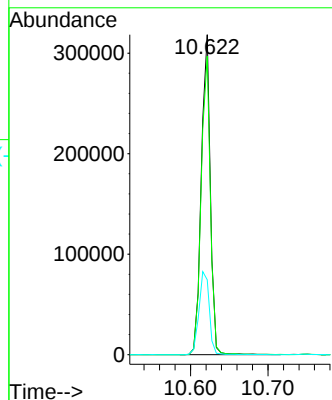
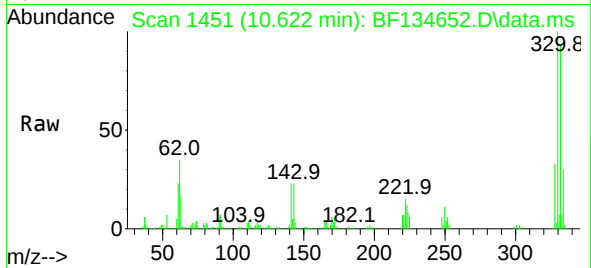




#42
2,4,6-Tribromophenol
Concen: 70.554 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134652.D
Acq: 07 Aug 2023 14:03

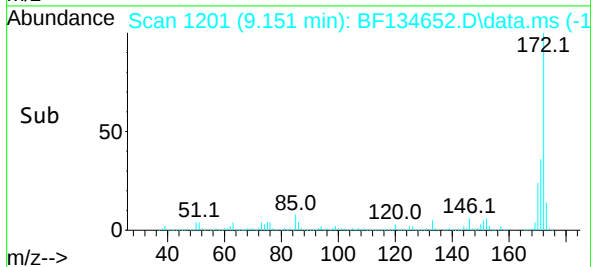
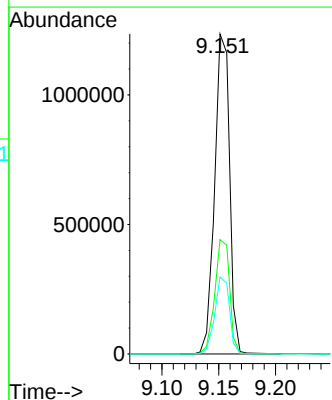
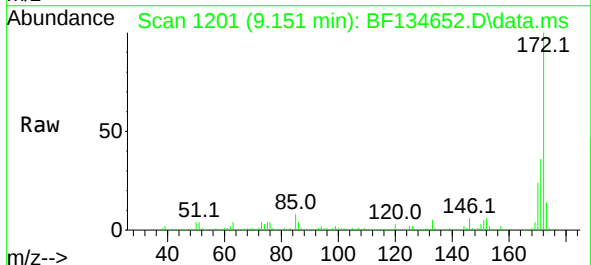
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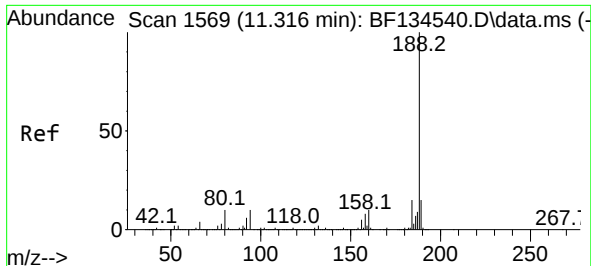
Tgt Ion: 330 Resp: 257805
Ion Ratio Lower Upper
330 100
332 95.0 78.8 118.2
141 29.8 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 52.385 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134652.D
Acq: 07 Aug 2023 14:03

Tgt Ion: 172 Resp: 1129325
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.0 18.7 28.1

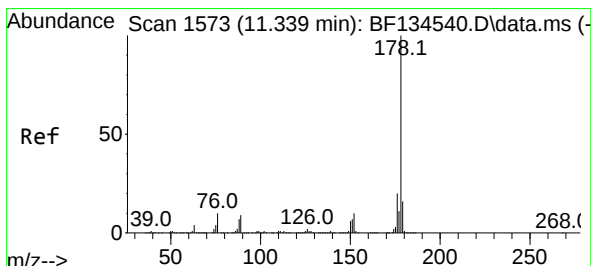
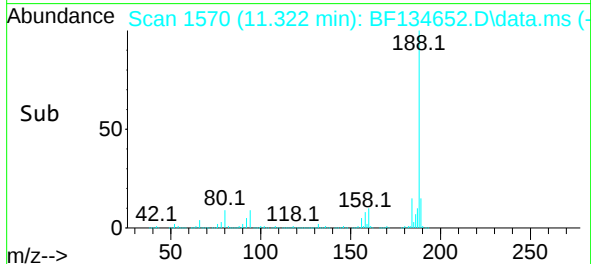
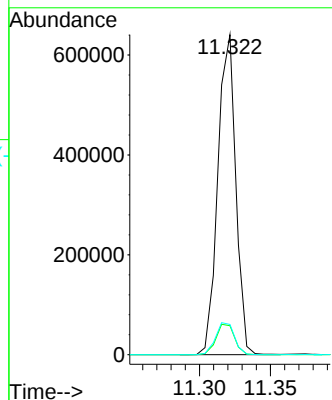
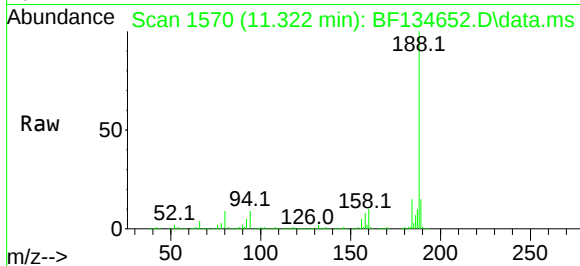




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF134652.D
Acq: 07 Aug 2023 14:03

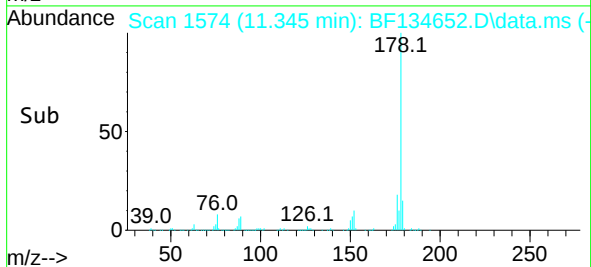
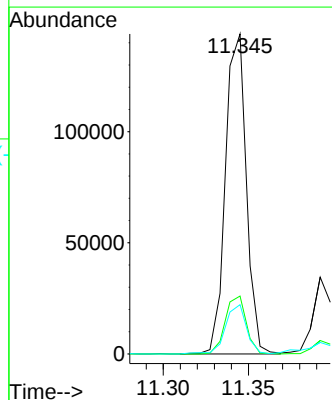
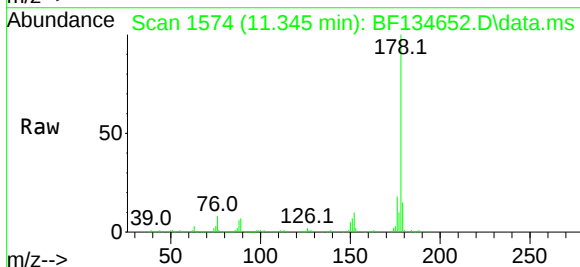
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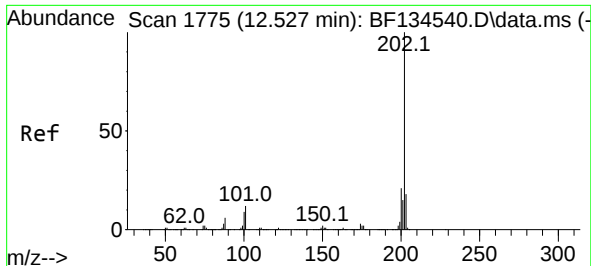
Tgt Ion:188 Resp: 563233
Ion Ratio Lower Upper
188 100
94 9.0 5.1 7.7#
80 9.5 6.6 9.8



#71
Phenanthrene
Concen: 4.102 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF134652.D
Acq: 07 Aug 2023 14:03

Tgt Ion:178 Resp: 122725
Ion Ratio Lower Upper
178 100
176 18.1 15.8 23.6
179 15.4 12.7 19.1

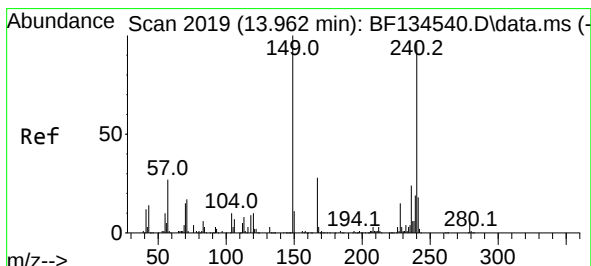
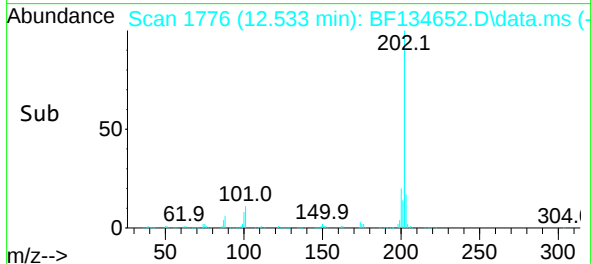
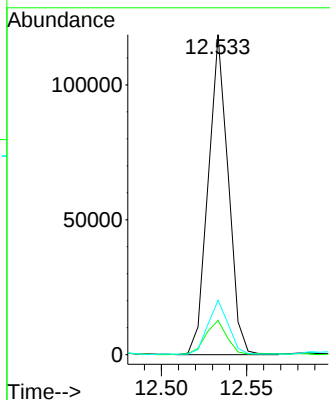
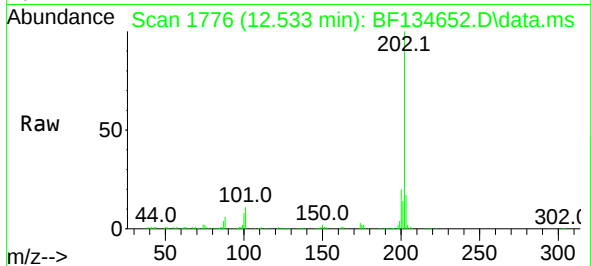




#75
Fluoranthene
Concen: 3.071 ng
RT: 12.533 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF134652.D
Acq: 07 Aug 2023 14:03

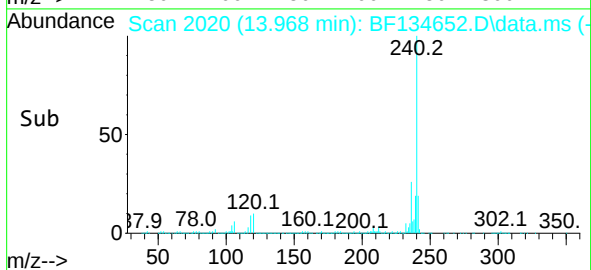
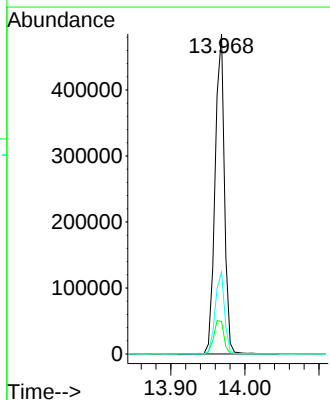
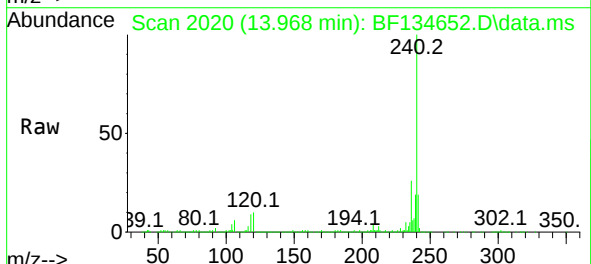
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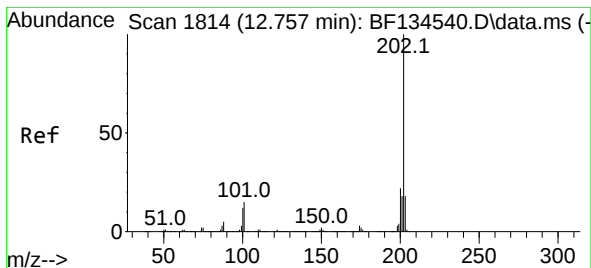
Tgt Ion:202 Resp: 97042
Ion Ratio Lower Upper
202 100
101 10.7 0.0 28.5
203 17.0 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134652.D
Acq: 07 Aug 2023 14:03

Tgt Ion:240 Resp: 422374
Ion Ratio Lower Upper
240 100
120 10.1 6.6 10.0#
236 25.6 20.2 30.2





#78

Pyrene

Concen: 2.484 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF134652.D

Acq: 07 Aug 2023 14:03

Instrument :

BNA_F

ClientSampleId :

BUILDING-B-5-(5-10)

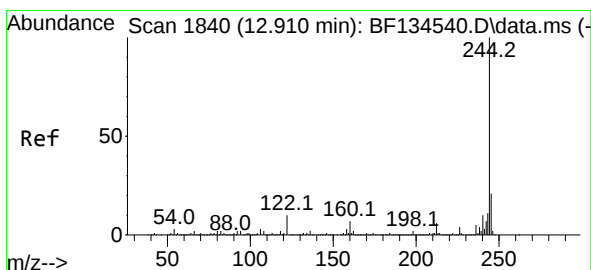
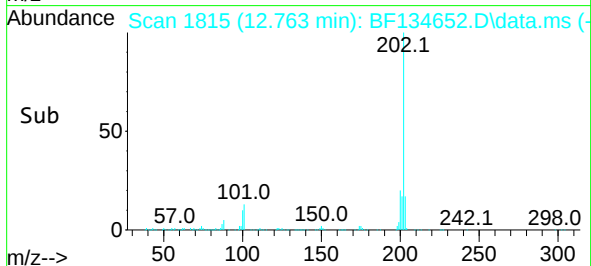
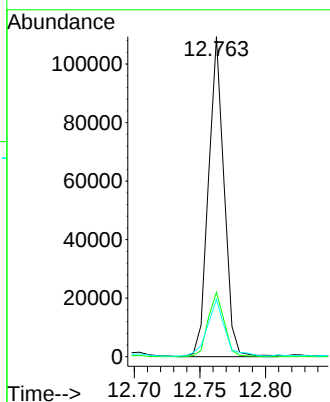
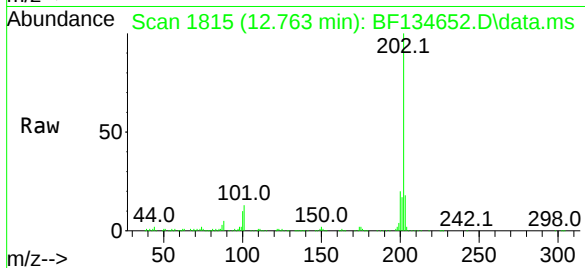
Tgt Ion:202 Resp: 90776

Ion Ratio Lower Upper

202 100

200 20.1 15.8 23.8

203 17.9 13.5 20.3



#79

Terphenyl-d14

Concen: 42.210 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF134652.D

Acq: 07 Aug 2023 14:03

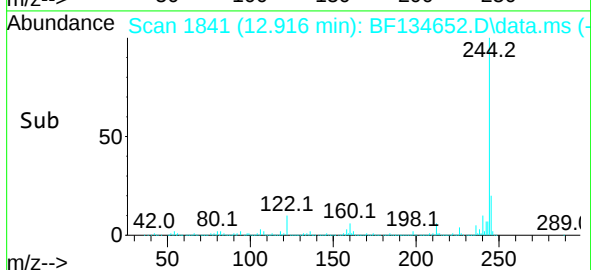
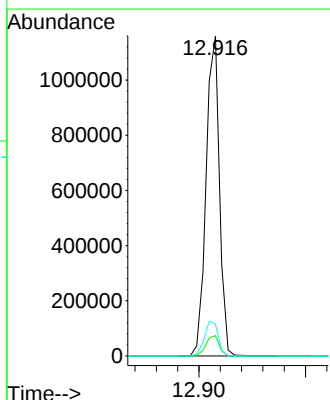
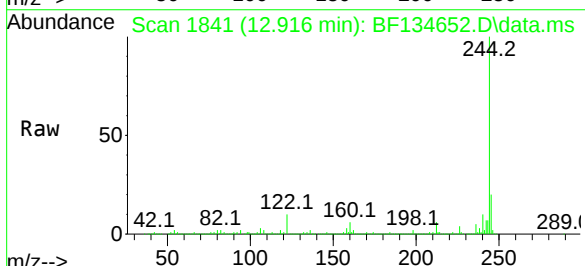
Tgt Ion:244 Resp: 1011326

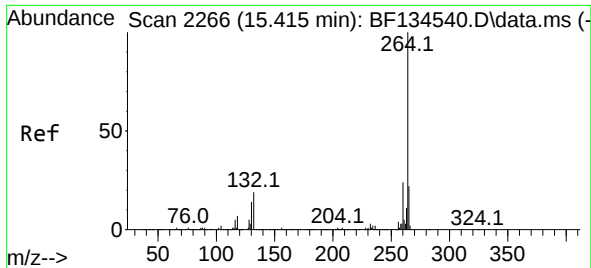
Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

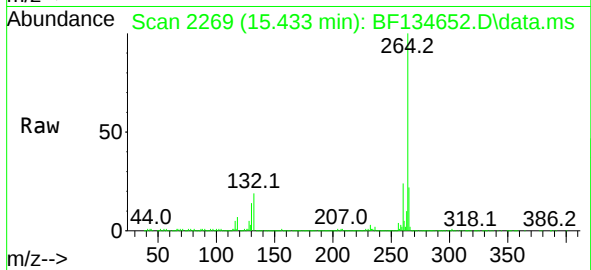
122 9.9 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134652.D
Acq: 07 Aug 2023 14:03

Instrument :
BNA_F
ClientSampleId :
BUILDING-B-5-(5-10)



Tgt Ion:	264	Resp:	425039
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.4	27.6
265	22.0	15.8	23.8

