

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
 Data File : BF134602.D
 Acq On : 03 Aug 2023 10:25
 Operator : CG\JU
 Sample : 03686-02RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-16-18-20230719RE

Quant Time: Aug 04 01:05:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	166968	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	617541	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	252753	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	423567	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	295369	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	238089	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1561700	142.179	ng	0.01
7) Phenol-d6	6.434	99	1957177	139.391	ng	0.00
23) Nitrobenzene-d5	7.357	82	1164576	117.850	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	387953	150.569	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1751928	115.248	ng	0.00
79) Terphenyl-d14	12.910	244	1872639	111.766	ng	0.00

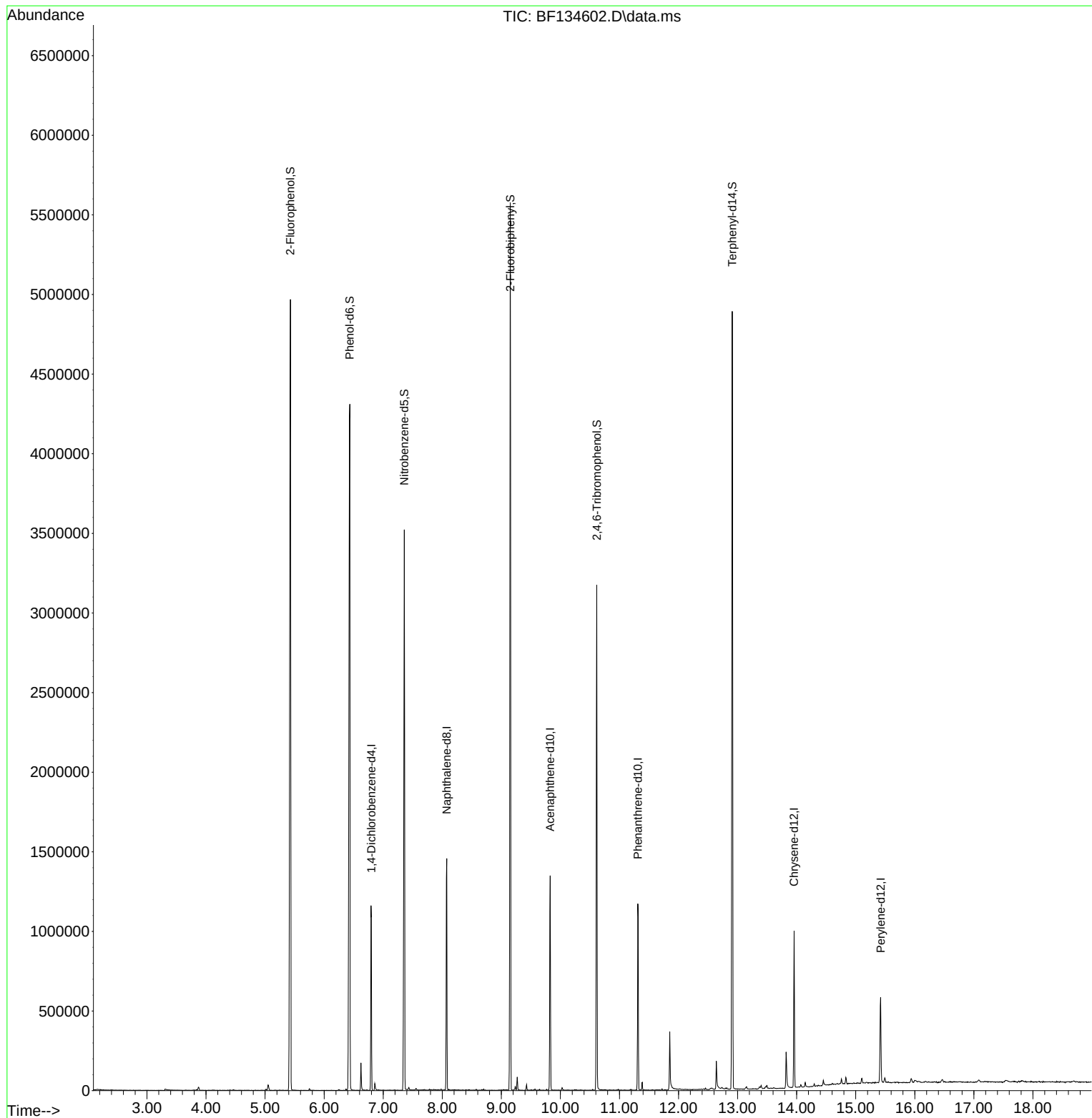
Target Compounds	Qvalue

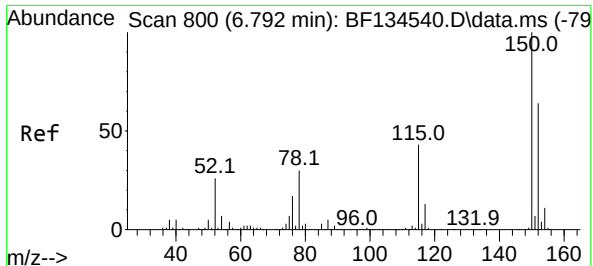
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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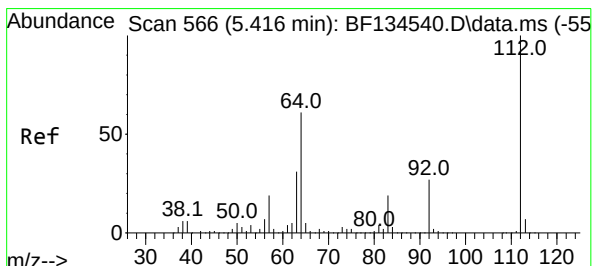
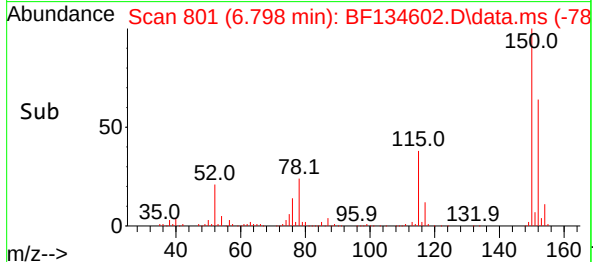
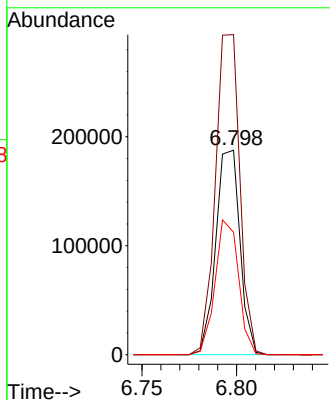
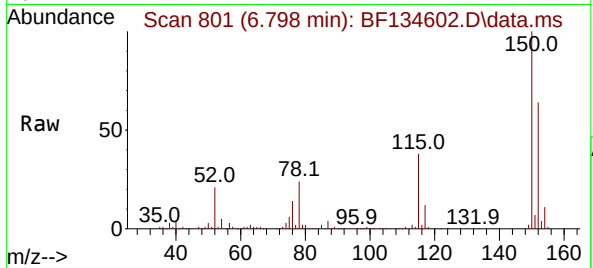




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134602.D
Acq: 03 Aug 2023 10:25

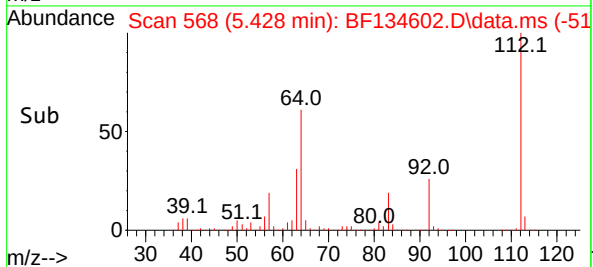
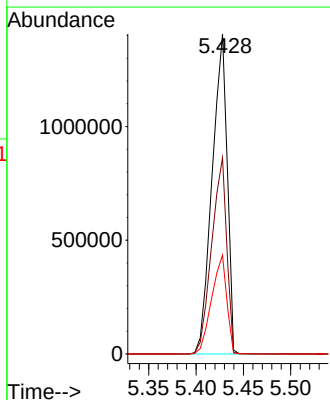
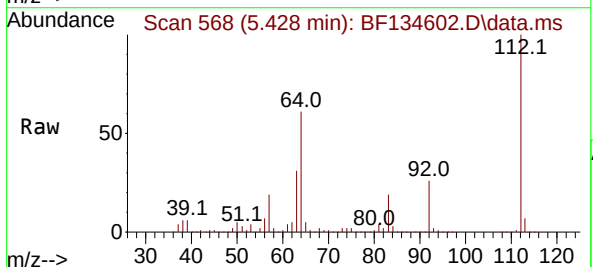
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719RE

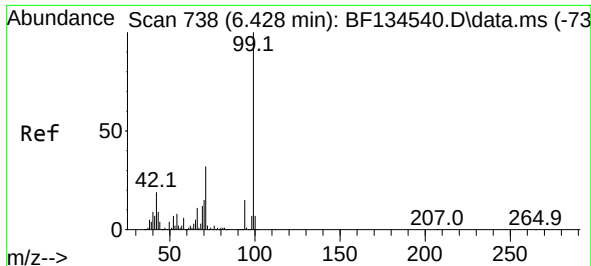
Tgt Ion:152 Resp: 166968
Ion Ratio Lower Upper
152 100
150 156.5 128.3 192.5
115 59.9 52.4 78.6



#5
2-Fluorophenol
Concen: 142.179 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.012 min
Lab File: BF134602.D
Acq: 03 Aug 2023 10:25

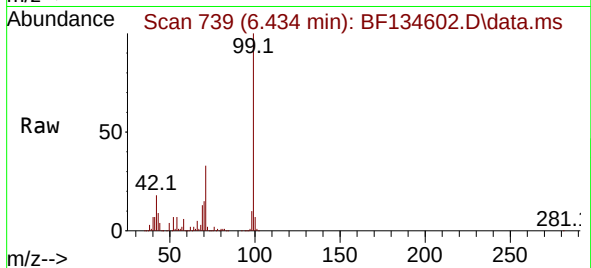
Tgt Ion:112 Resp: 1561700
Ion Ratio Lower Upper
112 100
64 61.3 44.9 67.3
63 30.9 25.4 38.0





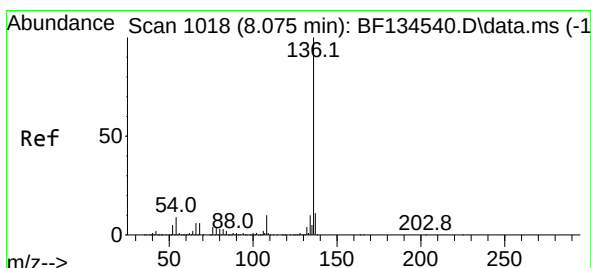
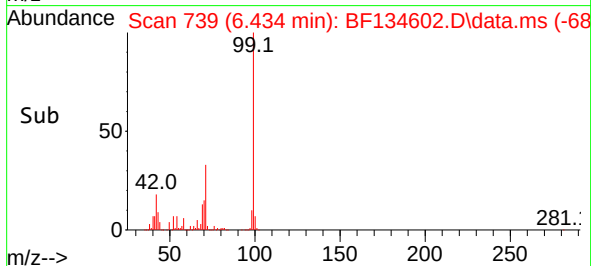
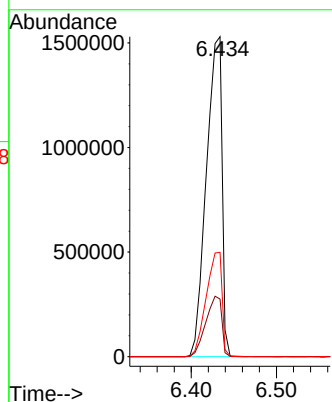
#7
Phenol-d6
Concen: 139.391 ng
RT: 6.434 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF134602.D
Acq: 03 Aug 2023 10:25

Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719RE



Tgt Ion: 99 Resp: 1957177

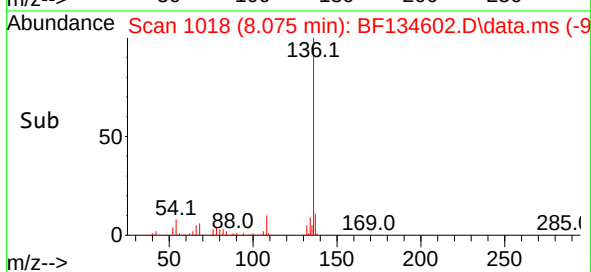
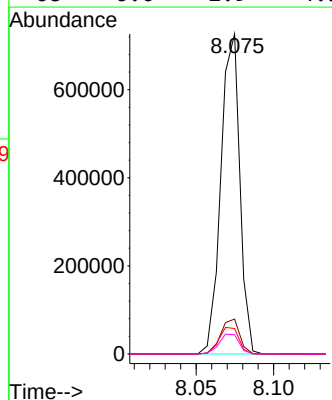
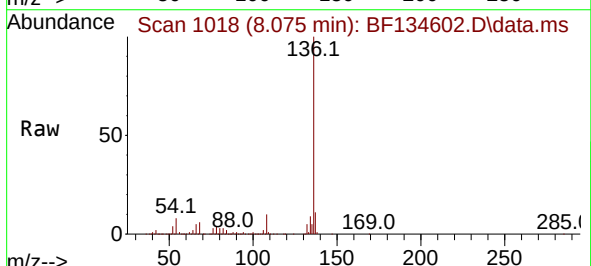
Ion	Ratio	Lower	Upper
99	100		
42	18.0	18.7	28.1#
71	32.6	36.4	54.6#

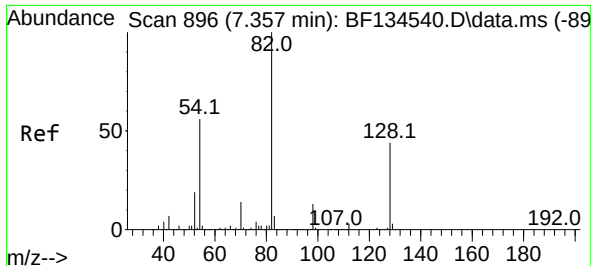


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134602.D
Acq: 03 Aug 2023 10:25

Tgt Ion: 136 Resp: 617541

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	7.9	5.2	7.8#
68	6.0	2.9	4.3#





#23

Nitrobenzene-d5

Concen: 117.850 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF134602.D

Acq: 03 Aug 2023 10:25

Instrument :

BNA_F

ClientSampleId :

SB-21-16-18-20230719RE

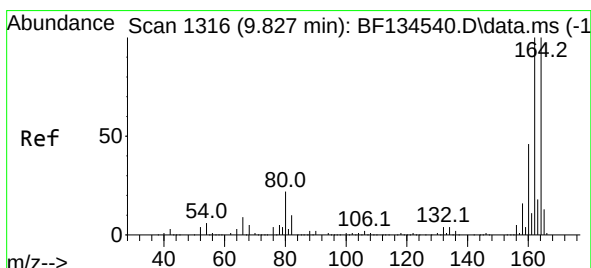
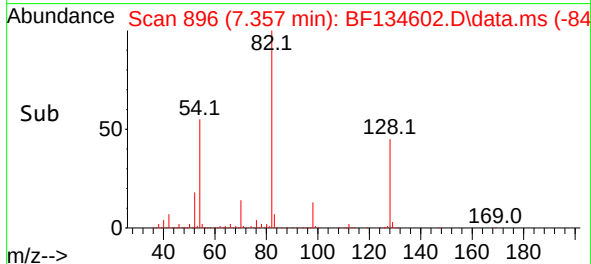
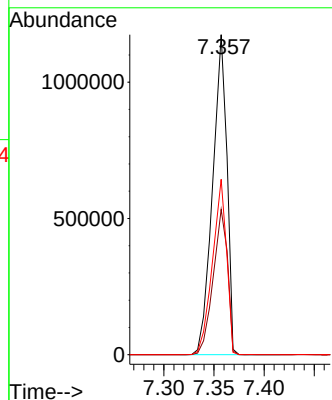
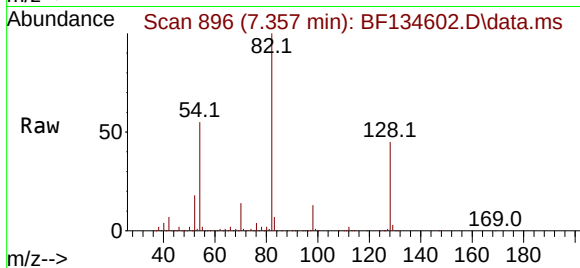
Tgt Ion: 82 Resp: 1164576

Ion Ratio Lower Upper

82 100

128 45.4 34.3 51.5

54 54.8 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BF134602.D

Acq: 03 Aug 2023 10:25

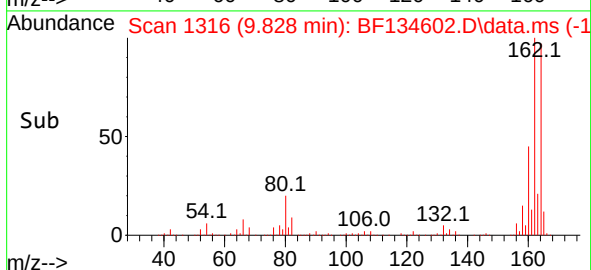
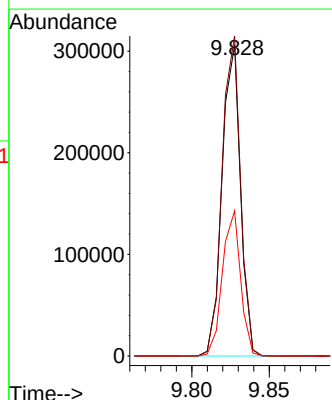
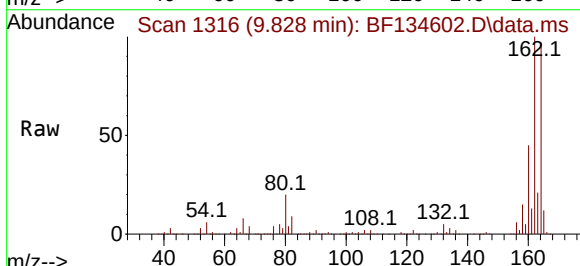
Tgt Ion:164 Resp: 252753

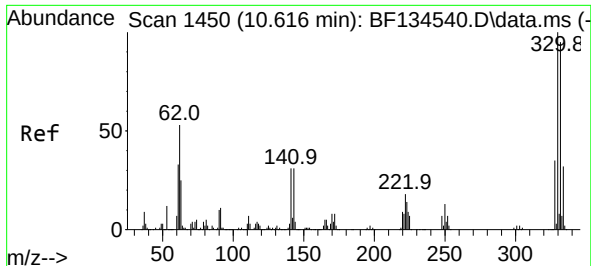
Ion Ratio Lower Upper

164 100

162 102.8 82.6 123.8

160 46.7 37.2 55.8

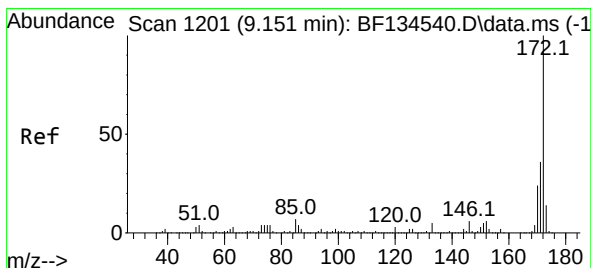
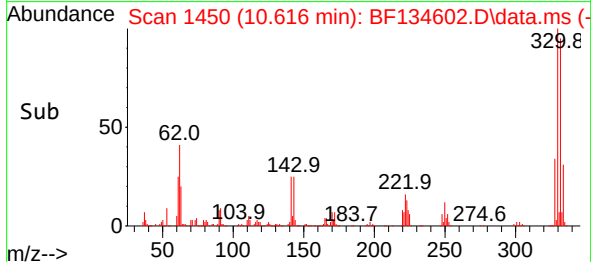
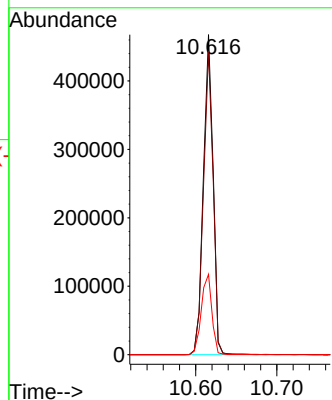
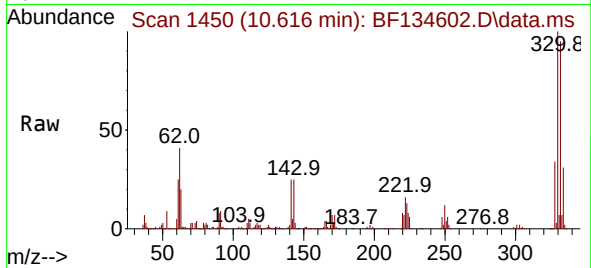




#42
 2,4,6-Tribromophenol
 Concen: 150.569 ng
 RT: 10.616 min Scan# 1450
 Delta R.T. 0.000 min
 Lab File: BF134602.D
 Acq: 03 Aug 2023 10:25

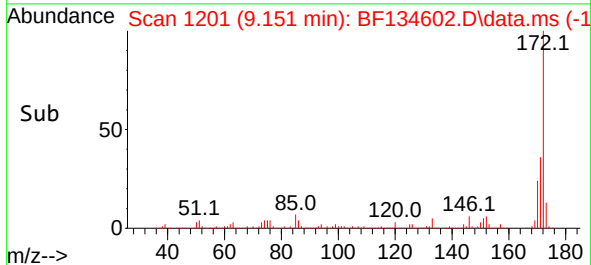
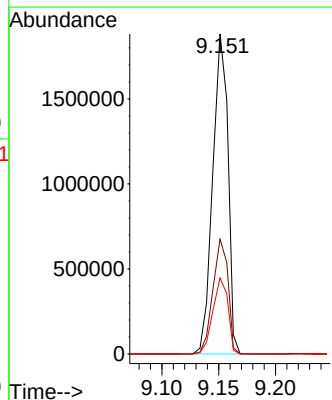
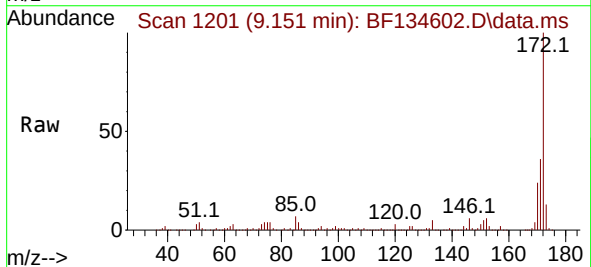
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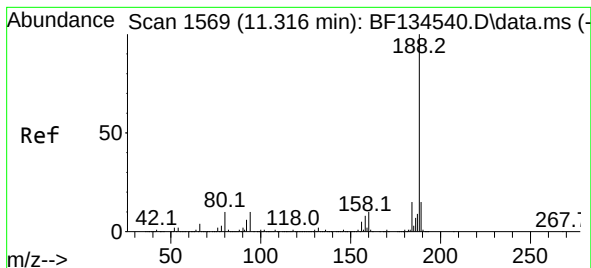
Tgt Ion:330 Resp: 387953
 Ion Ratio Lower Upper
 330 100
 332 94.9 78.8 118.2
 141 27.5 25.4 38.2



#45
 2-Fluorobiphenyl
 Concen: 115.248 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. 0.000 min
 Lab File: BF134602.D
 Acq: 03 Aug 2023 10:25

Tgt Ion:172 Resp: 1751928
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.8 43.2
 170 23.7 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134602.D

Acq: 03 Aug 2023 10:25

Instrument :

BNA_F

ClientSampleId :

SB-21-16-18-20230719RE

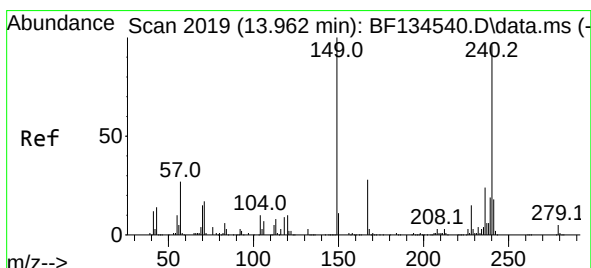
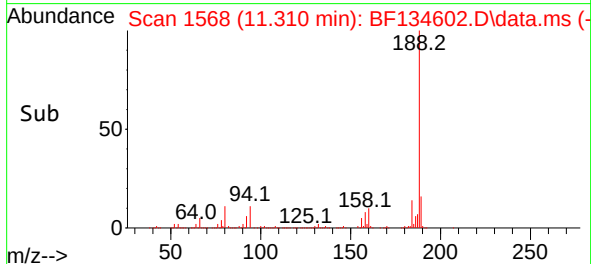
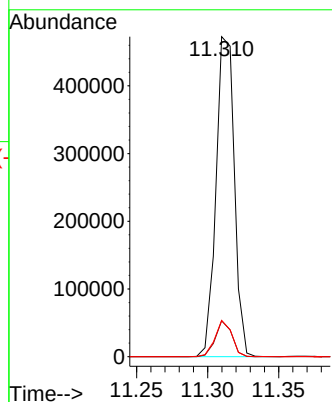
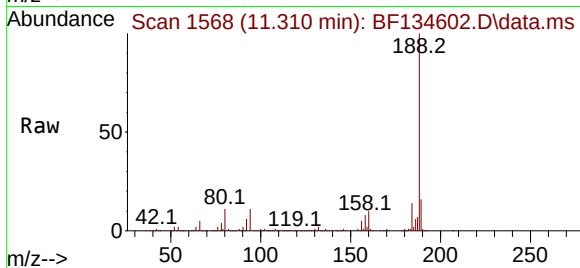
Tgt Ion:188 Resp: 423567

Ion Ratio Lower Upper

188 100

94 11.2 5.1 7.7#

80 11.4 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF134602.D

Acq: 03 Aug 2023 10:25

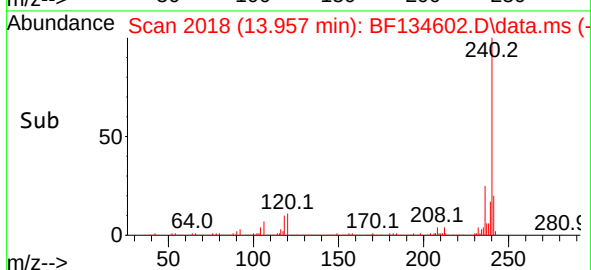
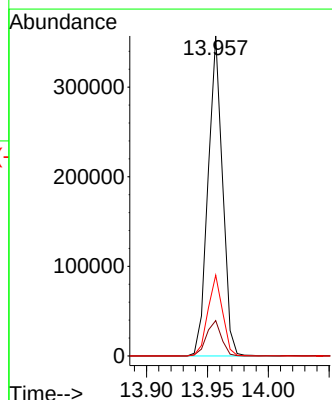
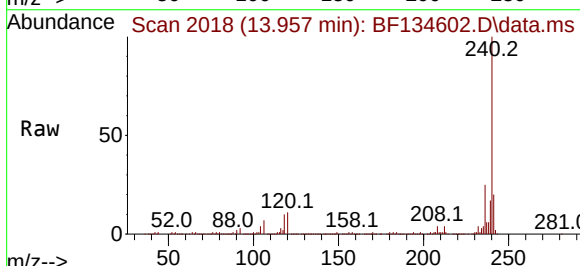
Tgt Ion:240 Resp: 295369

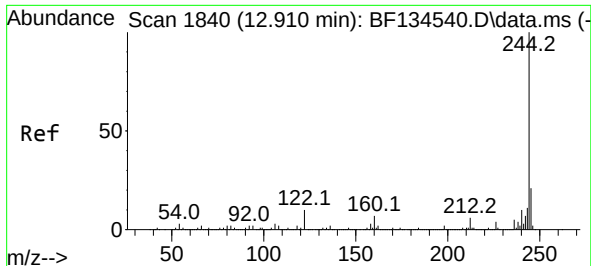
Ion Ratio Lower Upper

240 100

120 11.0 6.6 10.0#

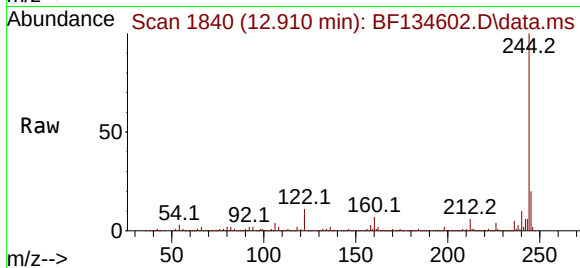
236 25.2 20.2 30.2



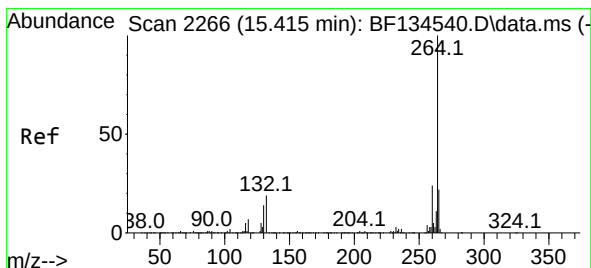
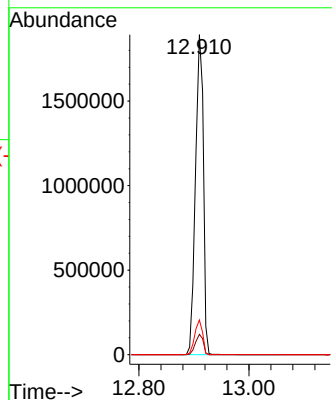
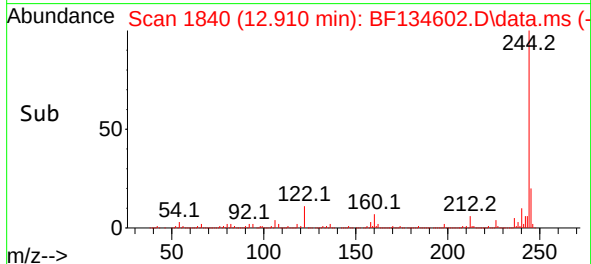


#79
 Terphenyl-d14
 Concen: 111.766 ng
 RT: 12.910 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF134602.D
 Acq: 03 Aug 2023 10:25

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Tgt Ion:244 Resp: 1872639
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 10.9 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.006 min
 Lab File: BF134602.D
 Acq: 03 Aug 2023 10:25

Tgt Ion:264 Resp: 238089
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 22.2 15.8 23.8

