

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134560.D
 Acq On : 01 Aug 2023 21:31
 Operator : CG\JU
 Sample : 03741-01RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P5ARE

Quant Time: Aug 02 02:46:19 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)

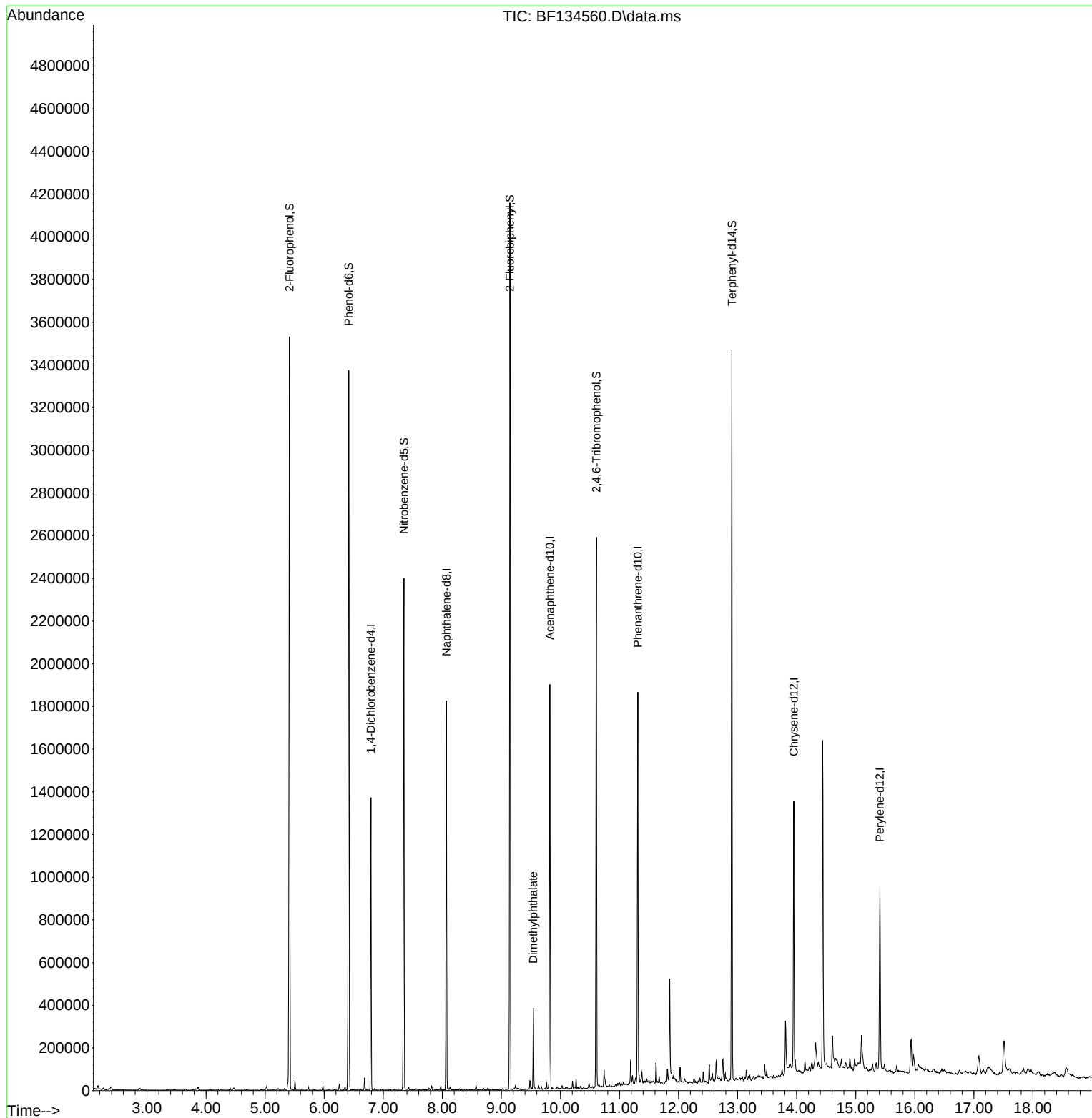
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	175278	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	687276	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	341506	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	602459	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	361504	20.000	ng	#-0.01
86) Perylene-d12	15.410	264	375002	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	963793	83.585	ng	0.00
7) Phenol-d6	6.416	99	1241917	84.256	ng	-0.01
23) Nitrobenzene-d5	7.351	82	705483	64.148	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	298693	85.799	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1230439	59.907	ng	0.00
79) Terphenyl-d14	12.904	244	1106815	53.974	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.539	163	130222	5.595	ng	Qvalue 97

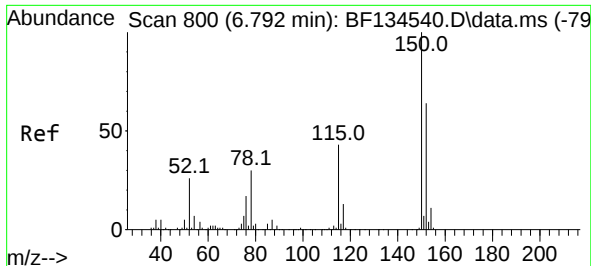
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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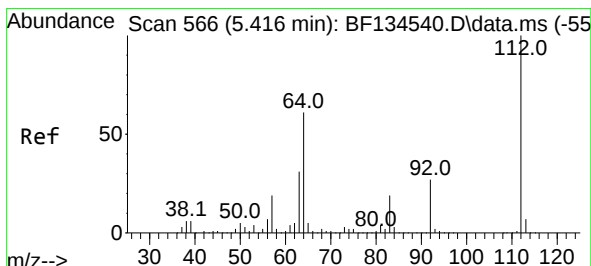
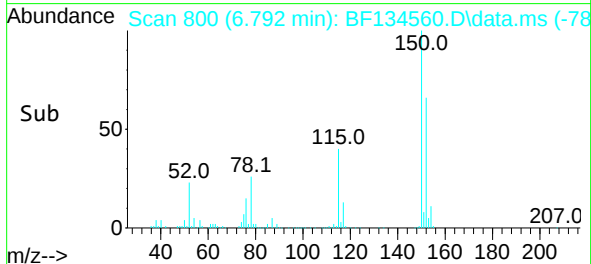
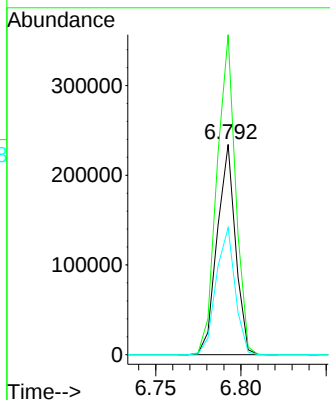
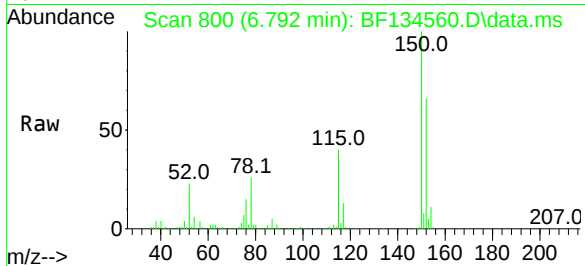




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134560.D
Acq: 01 Aug 2023 21:31

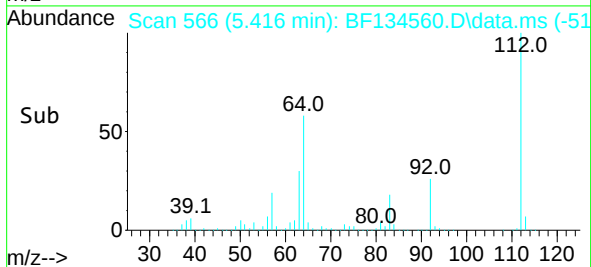
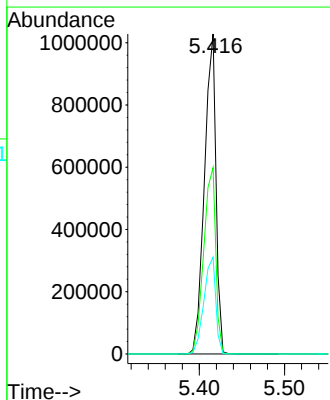
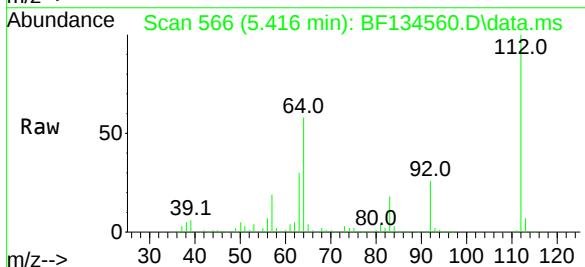
Instrument :
BNA_F
ClientSampleId :
B-P5ARE

Tgt Ion:152 Resp: 175278
Ion Ratio Lower Upper
152 100
150 152.2 128.3 192.5
115 60.5 52.4 78.6



#5
2-Fluorophenol
Concen: 83.585 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF134560.D
Acq: 01 Aug 2023 21:31

Tgt Ion:112 Resp: 963793
Ion Ratio Lower Upper
112 100
64 58.3 44.9 67.3
63 30.2 25.4 38.0

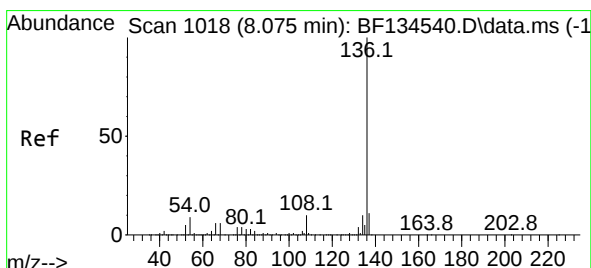
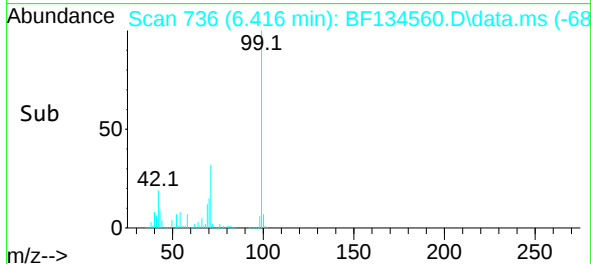
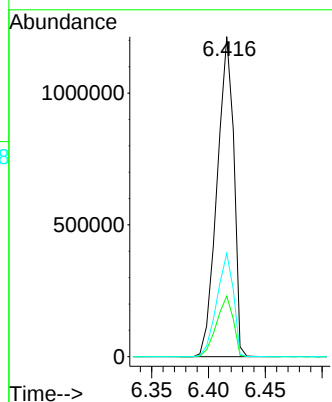
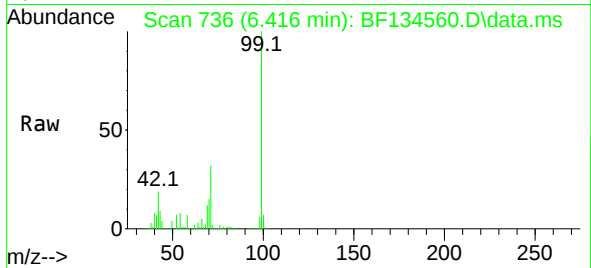




#7
Phenol-d6
Concen: 84.256 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134560.D
Acq: 01 Aug 2023 21:31

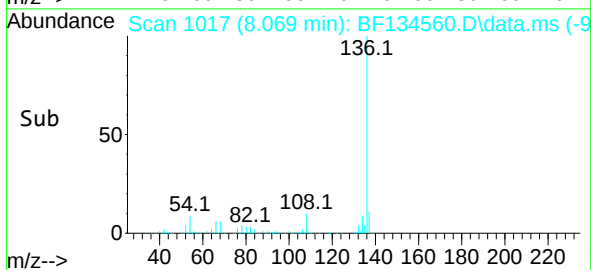
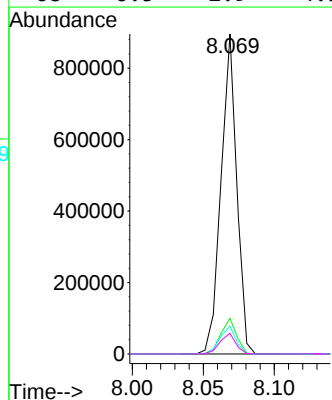
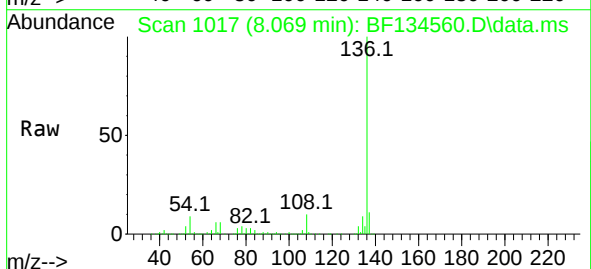
Instrument :
BNA_F
ClientSampleId :
B-P5ARE

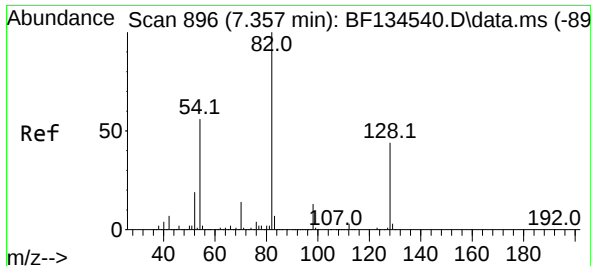
Tgt Ion: 99 Resp: 1241917
Ion Ratio Lower Upper
99 100
42 18.9 18.7 28.1
71 32.3 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134560.D
Acq: 01 Aug 2023 21:31

Tgt Ion: 136 Resp: 687276
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.6 5.2 7.8#
68 6.5 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 64.148 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF134560.D

Acq: 01 Aug 2023 21:31

Instrument :

BNA_F

ClientSampleId :

B-P5ARE

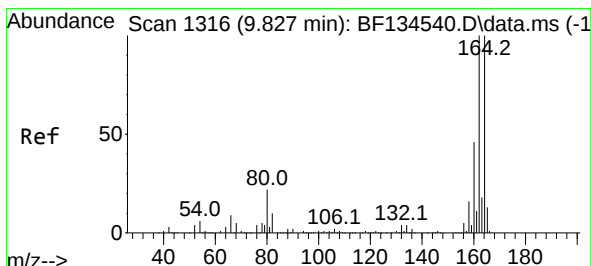
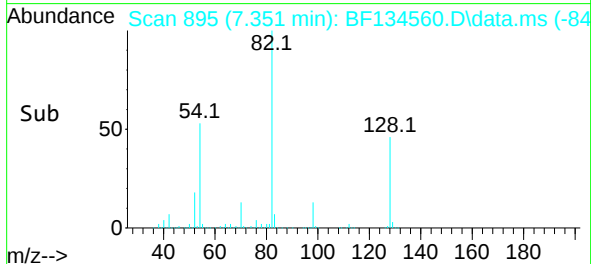
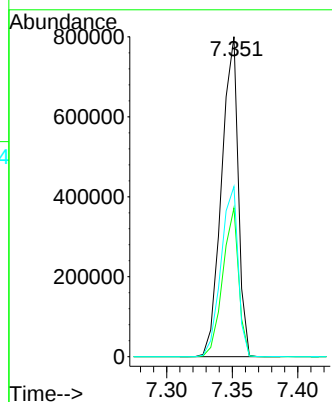
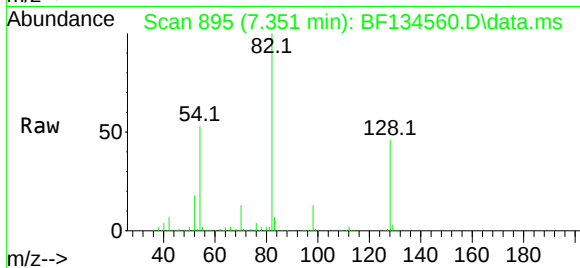
Tgt Ion: 82 Resp: 705483

Ion Ratio Lower Upper

82 100

128 46.5 34.3 51.5

54 53.2 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF134560.D

Acq: 01 Aug 2023 21:31

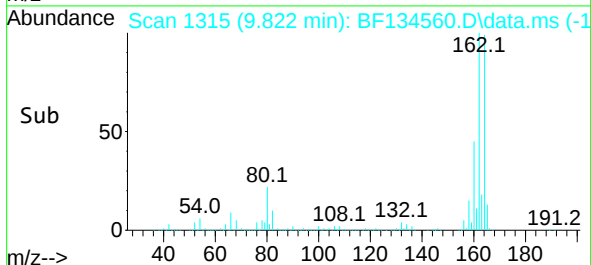
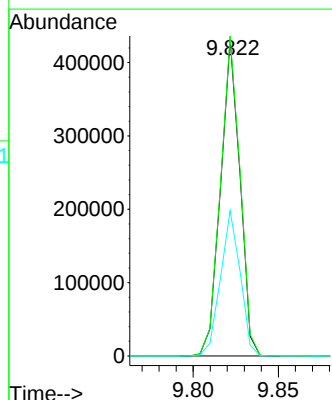
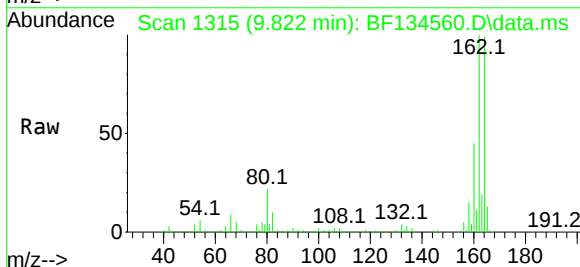
Tgt Ion:164 Resp: 341506

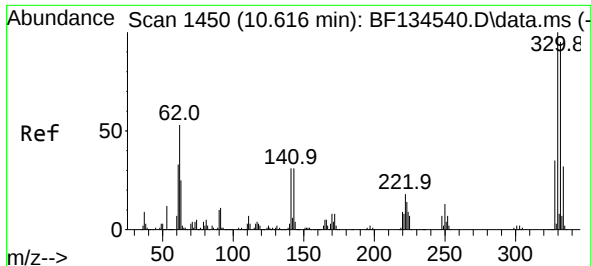
Ion Ratio Lower Upper

164 100

162 101.0 82.6 123.8

160 45.9 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 85.799 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF134560.D

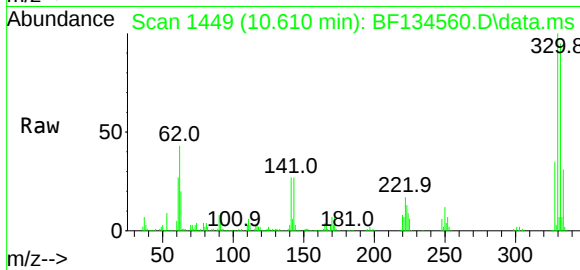
Acq: 01 Aug 2023 21:31

Instrument :

BNA_F

ClientSampleId :

B-P5ARE



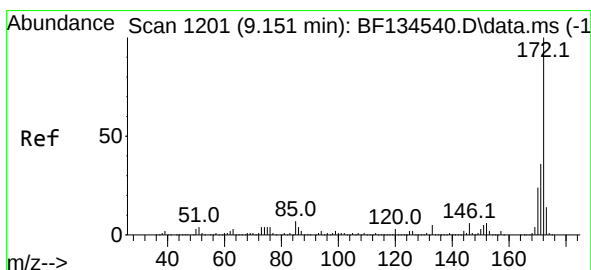
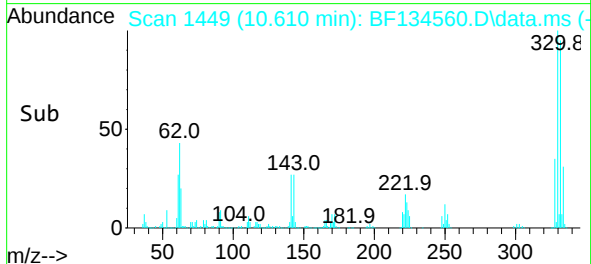
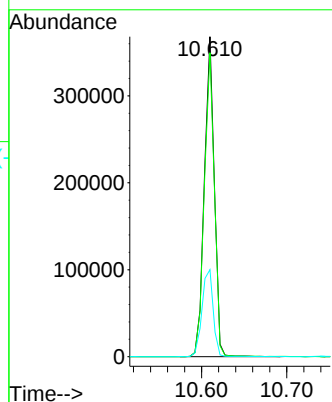
Tgt Ion:330 Resp: 298693

Ion Ratio Lower Upper

330 100

332 96.1 78.8 118.2

141 30.8 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 59.907 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF134560.D

Acq: 01 Aug 2023 21:31

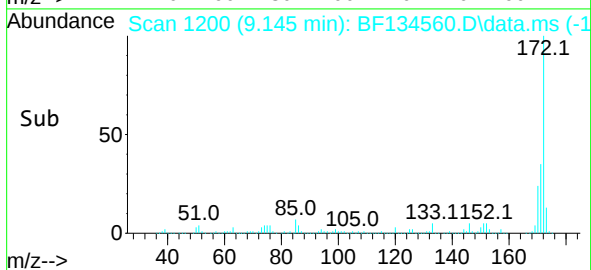
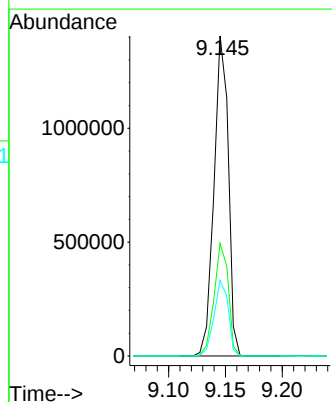
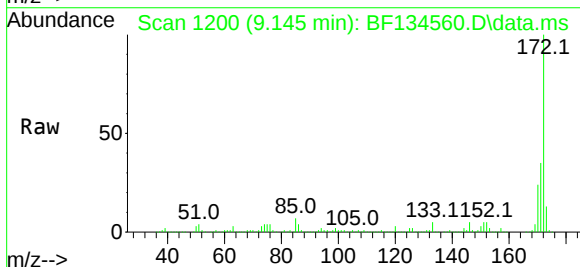
Tgt Ion:172 Resp: 1230439

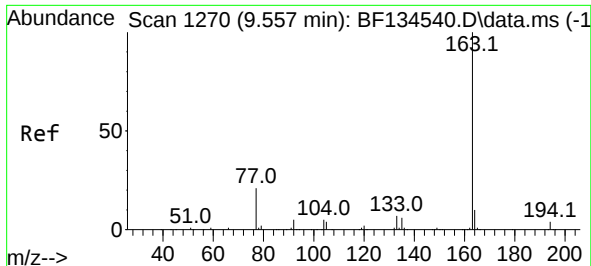
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.7 18.7 28.1

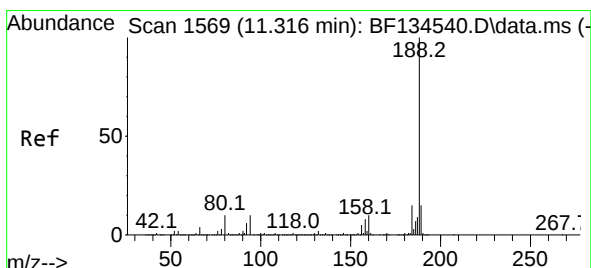
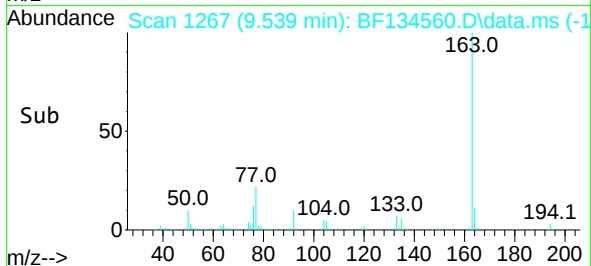
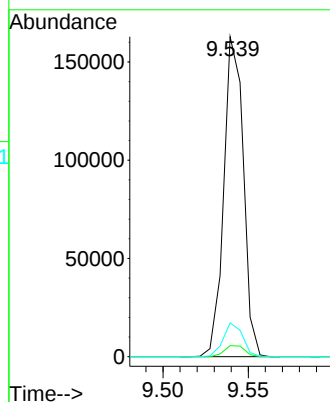
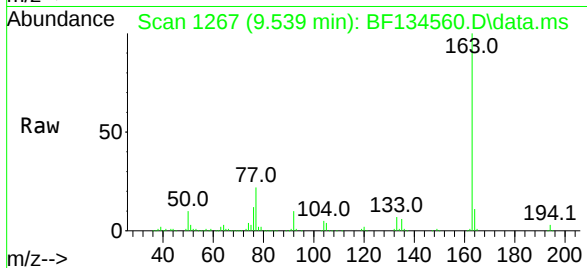




#50
Dimethylphthalate
Concen: 5.595 ng
RT: 9.539 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF134560.D
Acq: 01 Aug 2023 21:31

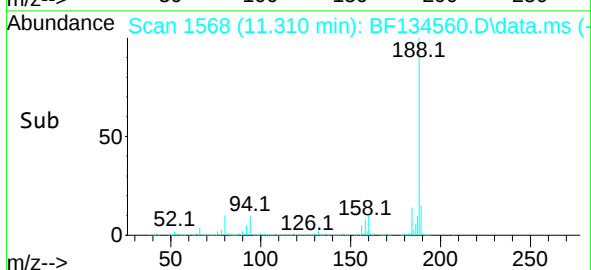
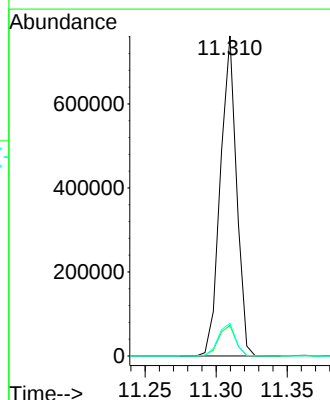
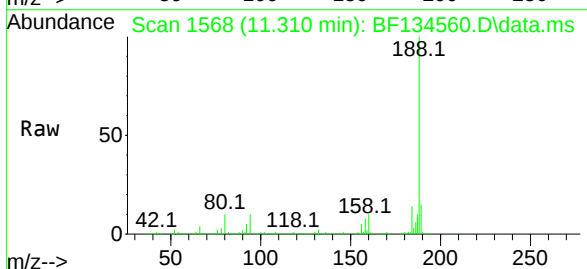
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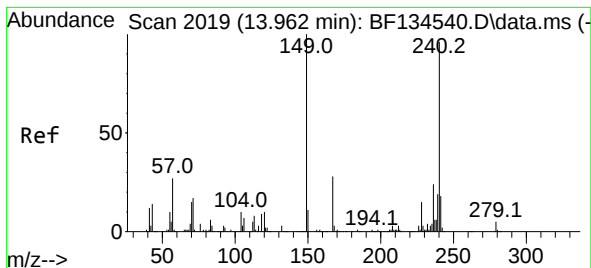
Tgt Ion:163 Resp: 130222
Ion Ratio Lower Upper
163 100
194 3.5 3.3 4.9
164 10.6 7.5 11.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF134560.D
Acq: 01 Aug 2023 21:31

Tgt Ion:188 Resp: 602459
Ion Ratio Lower Upper
188 100
94 9.5 5.1 7.7#
80 10.2 6.6 9.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF134560.D

Acq: 01 Aug 2023 21:31

Instrument :

BNA_F

ClientSampleId :

B-P5ARE

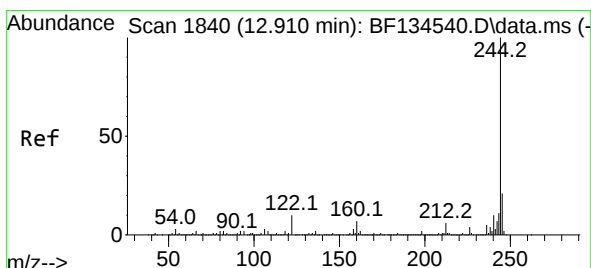
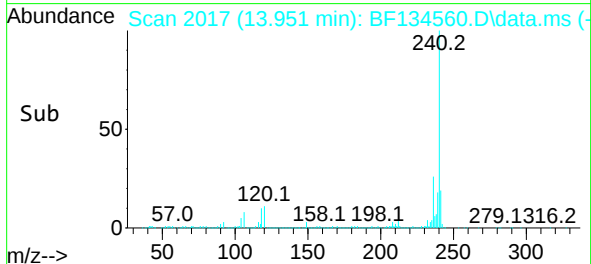
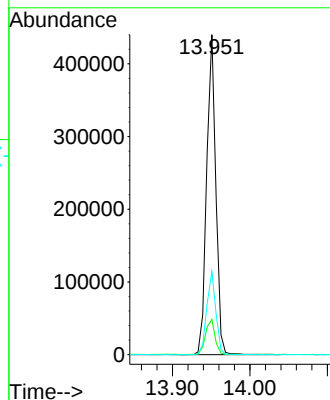
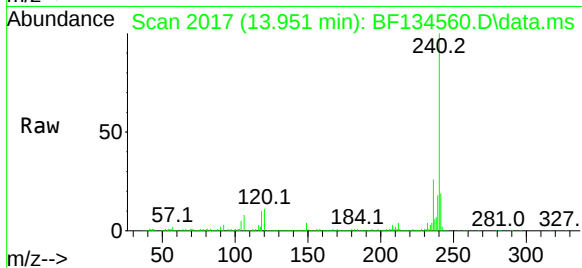
Tgt Ion:240 Resp: 361504

Ion Ratio Lower Upper

240 100

120 11.0 6.6 10.0#

236 26.0 20.2 30.2



#79

Terphenyl-d14

Concen: 53.974 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF134560.D

Acq: 01 Aug 2023 21:31

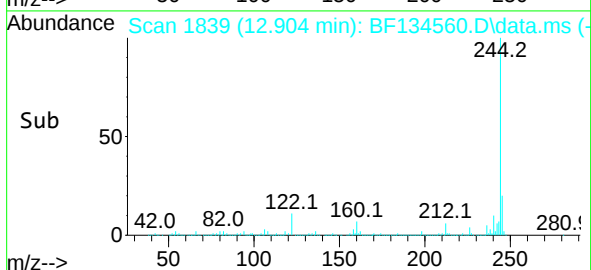
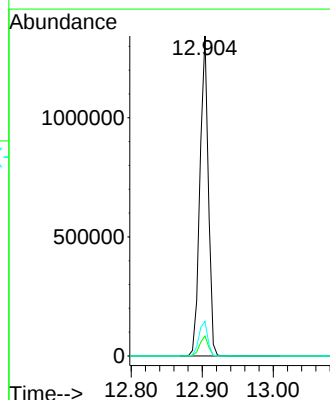
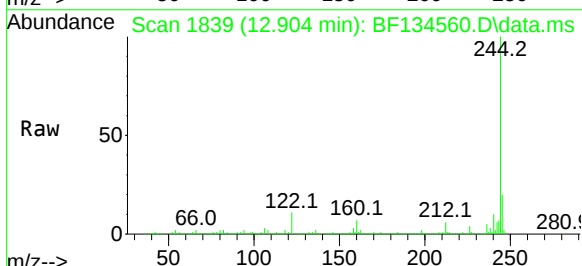
Tgt Ion:244 Resp: 1106815

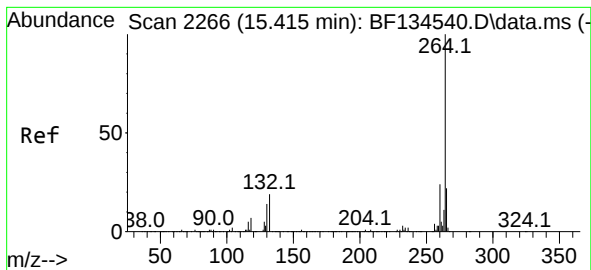
Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

122 10.8 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF134560.D
 Acq: 01 Aug 2023 21:31

Instrument :
 BNA_F
 ClientSampleId :
 B-P5ARE

Tgt Ion:264 Resp: 375002
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.8 15.8 23.8

