

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
 Data File : BF134846.D
 Acq On : 18 Aug 2023 18:14
 Operator : CG\JU
 Sample : 04020-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-2

Quant Time: Aug 19 01:44:08 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)

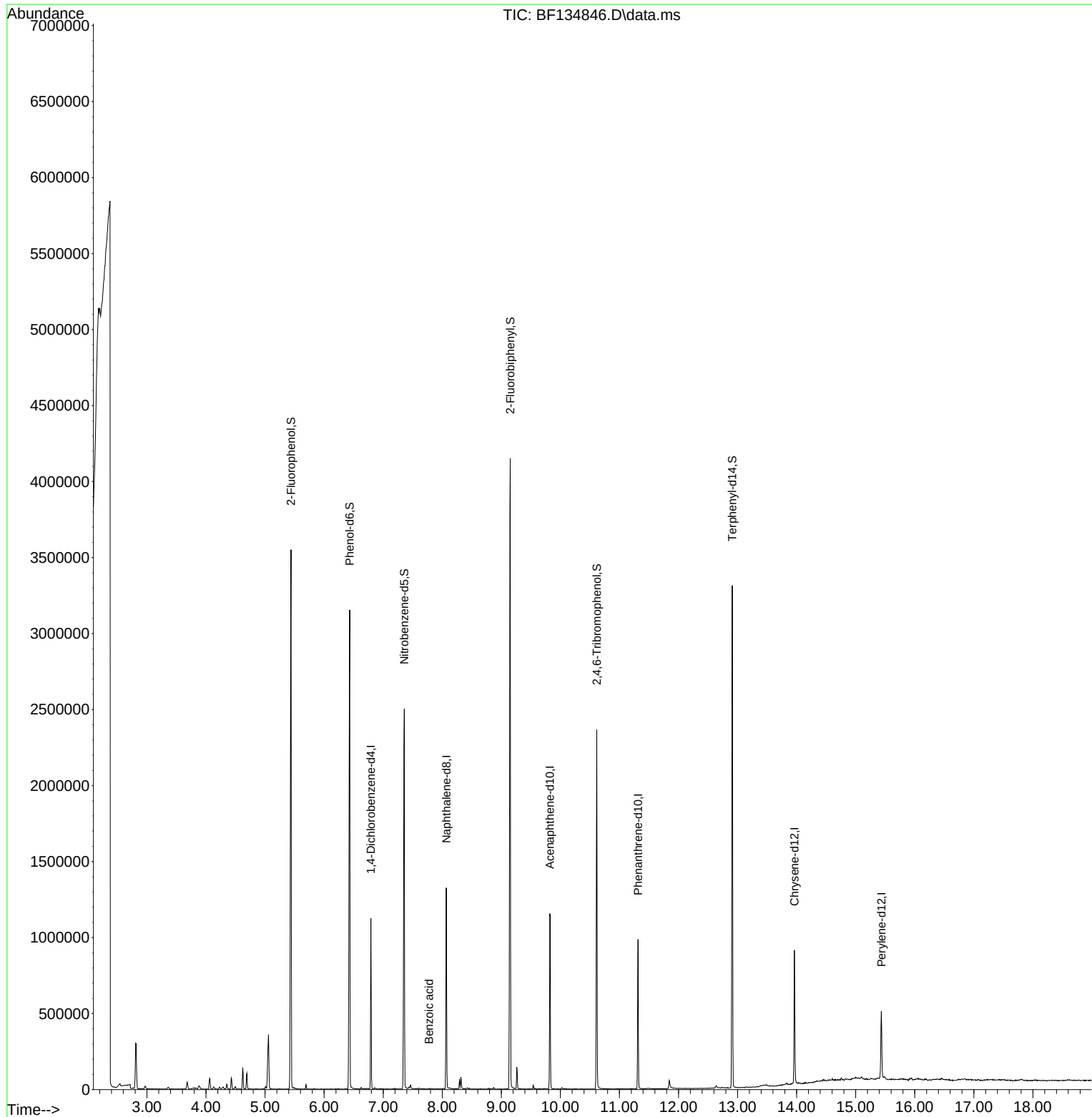
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	143442	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	560139	20.000	ng	#-0.01
39) Acenaphthene-d10	9.822	164	247272	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	339710	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	291568	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	206278	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1025716	108.698	ng	0.01
7) Phenol-d6	6.434	99	1155402	95.784	ng	0.00
23) Nitrobenzene-d5	7.357	82	857536	95.672	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	290347	115.185	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1433826	96.413	ng	-0.01
79) Terphenyl-d14	12.910	244	1188239	71.843	ng	-0.01
Target Compounds						
32) Benzoic acid	7.775	122	1359m	8.067	ng	Qvalue

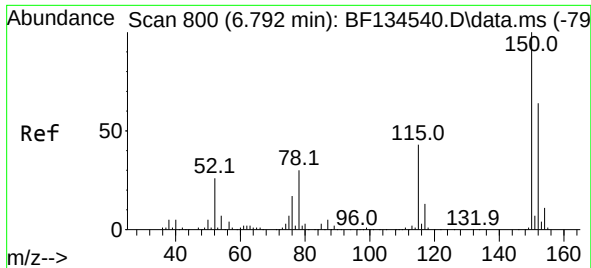
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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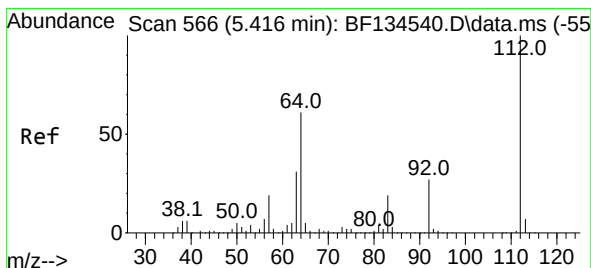
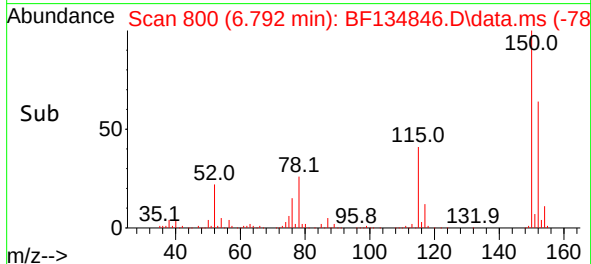
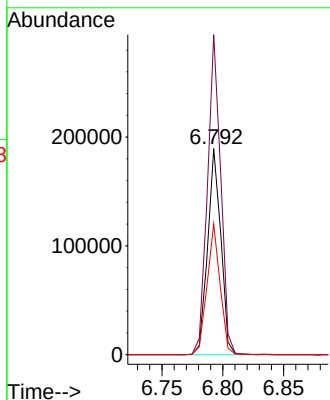
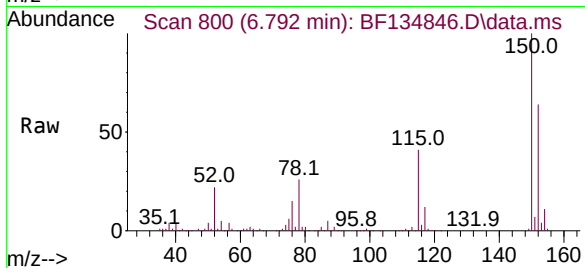




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF134846.D
Acq: 18 Aug 2023 18:14

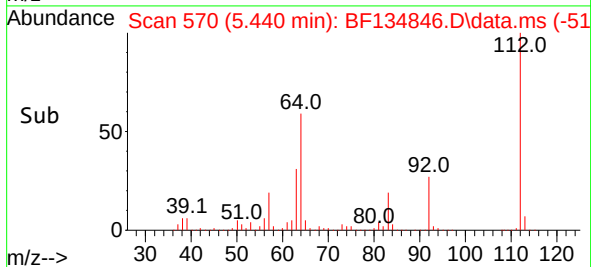
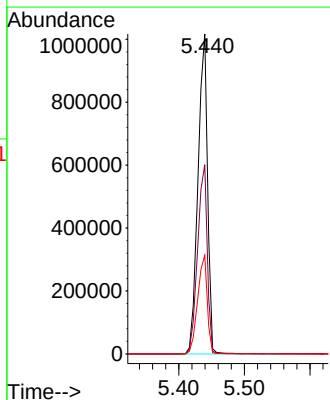
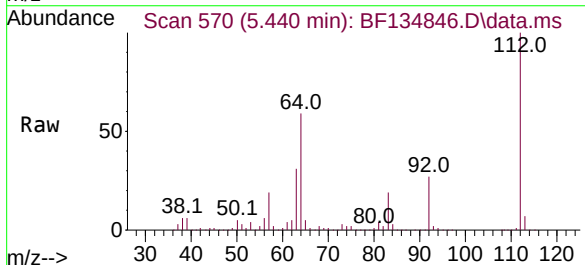
Instrument :
BNA_F
ClientSampleId :
E-2

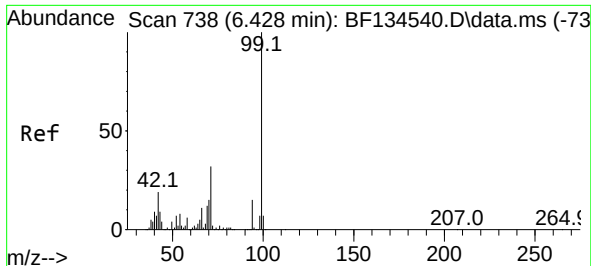
Tgt Ion:152 Resp: 143442
Ion Ratio Lower Upper
152 100
150 155.3 128.3 192.5
115 63.5 52.4 78.6



#5
2-Fluorophenol
Concen: 108.698 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF134846.D
Acq: 18 Aug 2023 18:14

Tgt Ion:112 Resp: 1025716
Ion Ratio Lower Upper
112 100
64 59.1 44.9 67.3
63 30.8 25.4 38.0





#7

Phenol-d6

Concen: 95.784 ng

RT: 6.434 min Scan# 738

Delta R.T. -0.006 min

Lab File: BF134846.D

Acq: 18 Aug 2023 18:14

Instrument :

BNA_F

ClientSampleId :

E-2

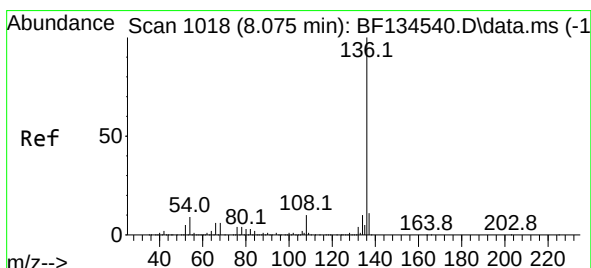
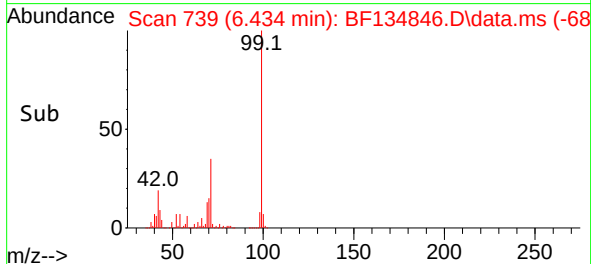
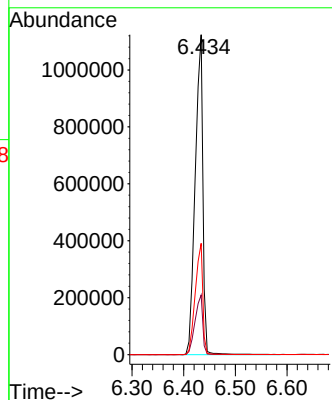
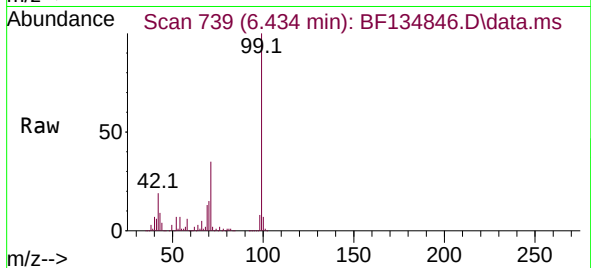
Tgt Ion: 99 Resp: 1155402

Ion Ratio Lower Upper

99 100

42 18.6 18.7 28.1#

71 34.8 36.4 54.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.012 min

Lab File: BF134846.D

Acq: 18 Aug 2023 18:14

Tgt Ion: 136 Resp: 560139

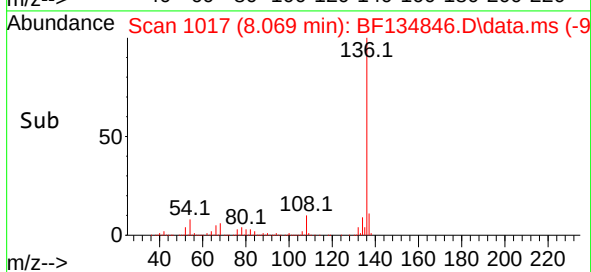
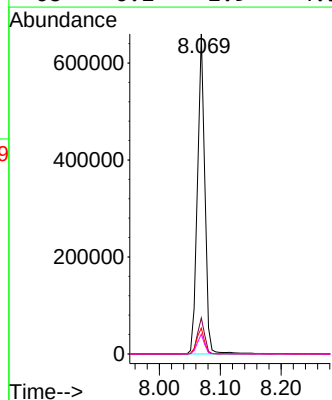
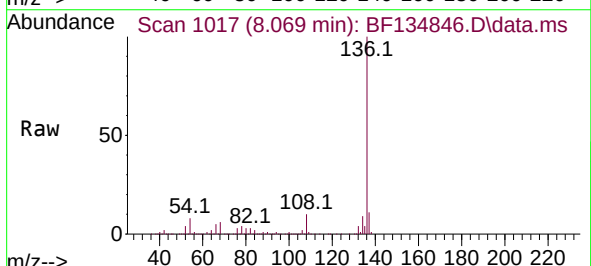
Ion Ratio Lower Upper

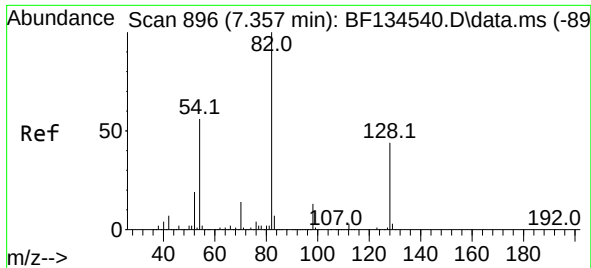
136 100

137 11.2 8.4 12.6

54 8.1 5.2 7.8#

68 6.2 2.9 4.3#

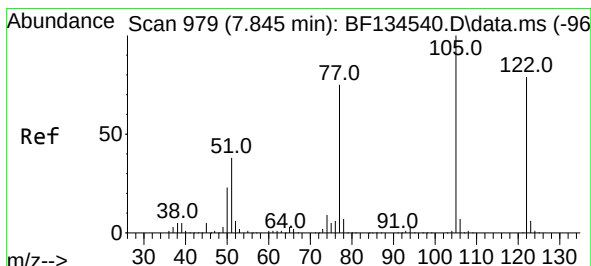
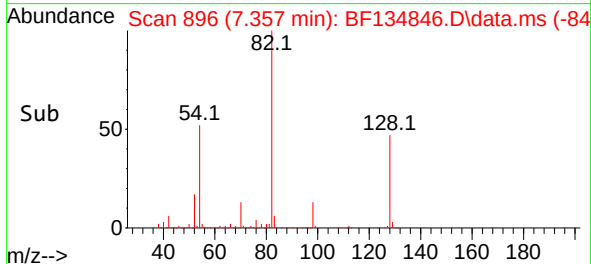
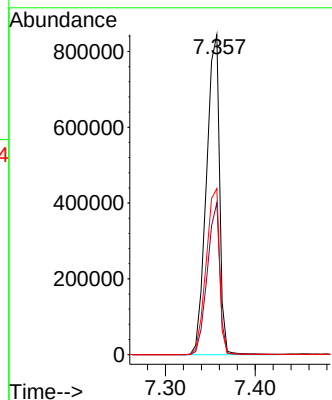
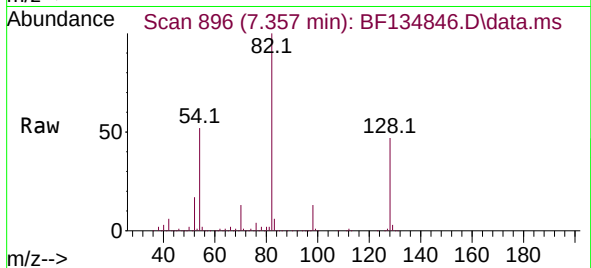




#23
Nitrobenzene-d5
Concen: 95.672 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF134846.D
Acq: 18 Aug 2023 18:14

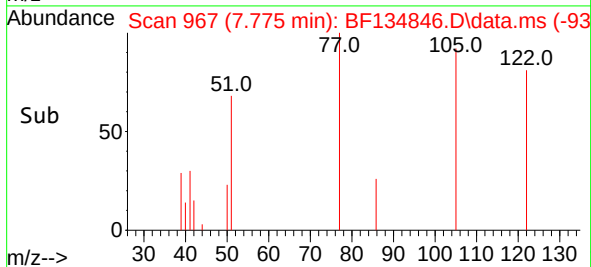
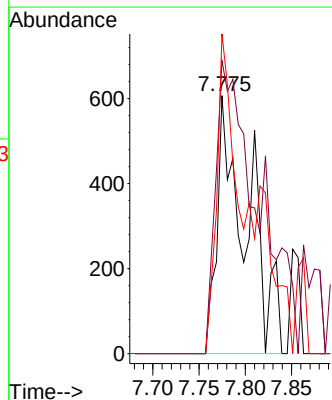
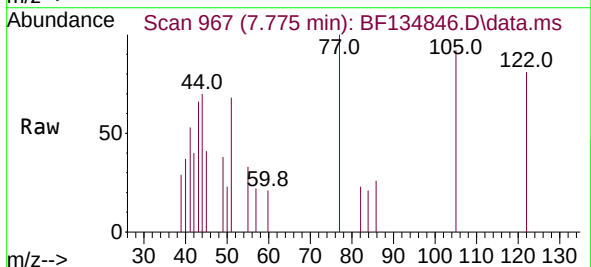
Instrument :
BNA_F
ClientSampleId :
E-2

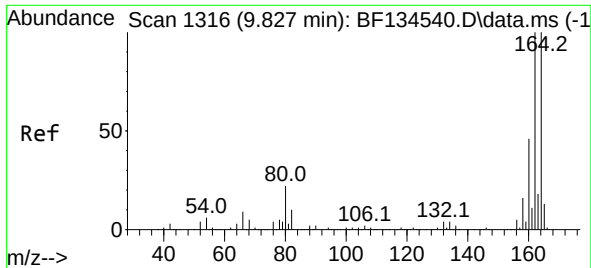
Tgt Ion: 82 Resp: 857536
Ion Ratio Lower Upper
82 100
128 47.4 34.3 51.5
54 51.9 43.8 65.6



#32
Benzoic acid
Concen: 8.067 ng m
RT: 7.775 min Scan# 967
Delta R.T. -0.088 min
Lab File: BF134846.D
Acq: 18 Aug 2023 18:14

Tgt Ion:122 Resp: 1359
Ion Ratio Lower Upper
122 100
105 113.5 87.5 127.5
77 123.9 71.4 111.4#

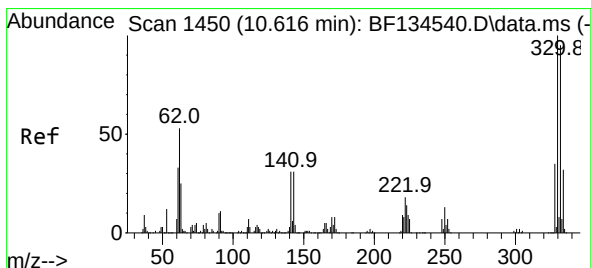
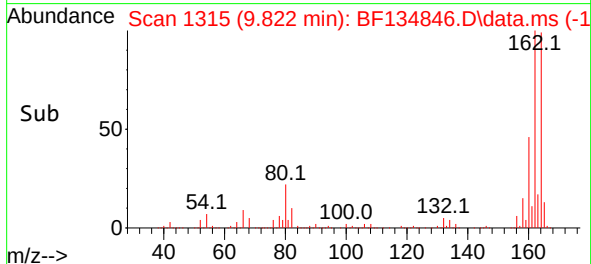
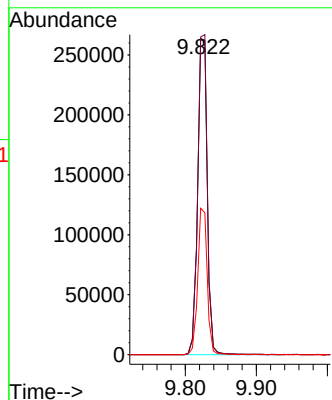
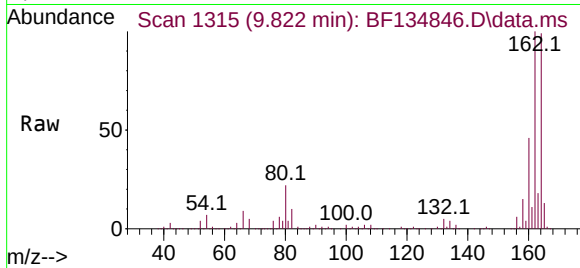




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF134846.D
Acq: 18 Aug 2023 18:14

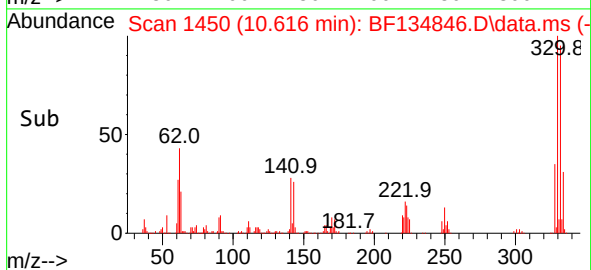
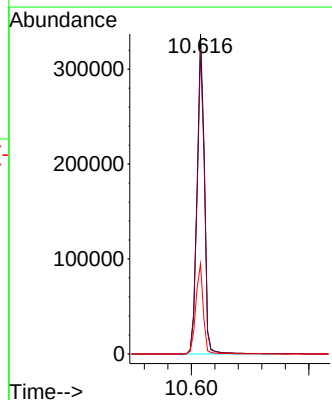
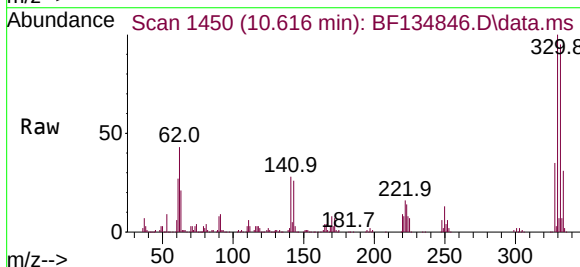
Instrument :
BNA_F
ClientSampleId :
E-2

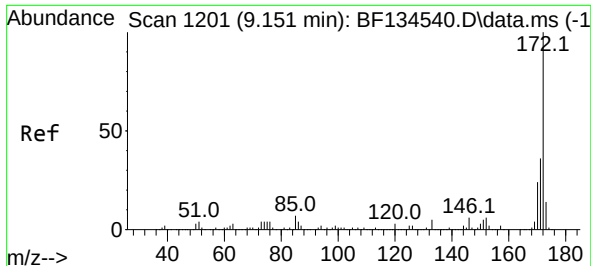
Tgt Ion:164 Resp: 247272
Ion Ratio Lower Upper
164 100
162 100.5 82.6 123.8
160 46.3 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 115.185 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF134846.D
Acq: 18 Aug 2023 18:14

Tgt Ion:330 Resp: 290347
Ion Ratio Lower Upper
330 100
332 95.2 78.8 118.2
141 28.6 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 96.413 ng

RT: 9.151 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134846.D

Acq: 18 Aug 2023 18:14

Instrument :

BNA_F

ClientSampleId :

E-2

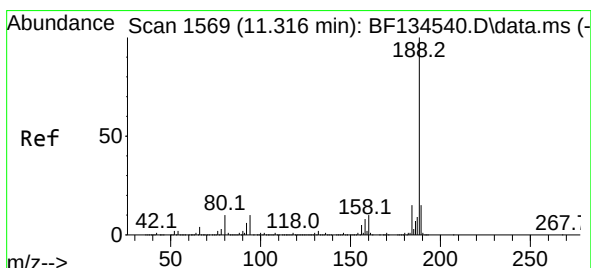
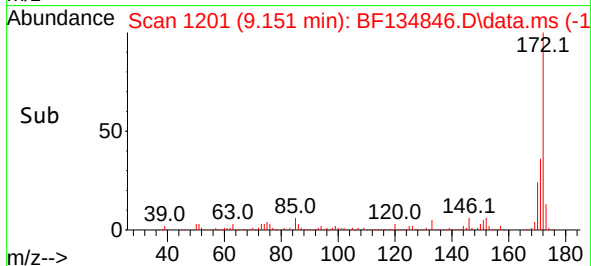
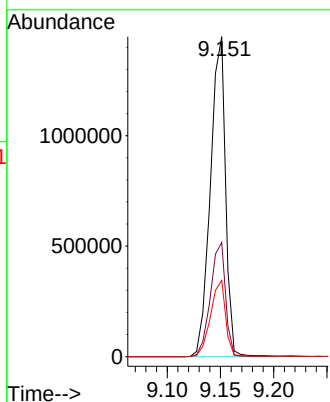
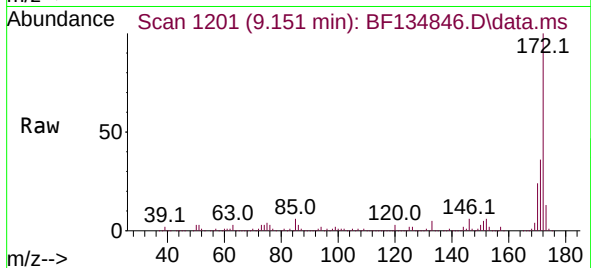
Tgt Ion:172 Resp: 1433826

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.8 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF134846.D

Acq: 18 Aug 2023 18:14

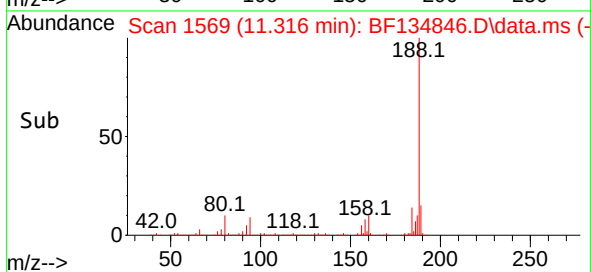
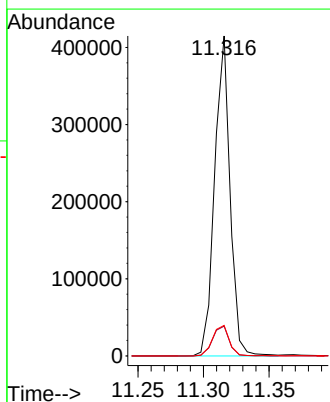
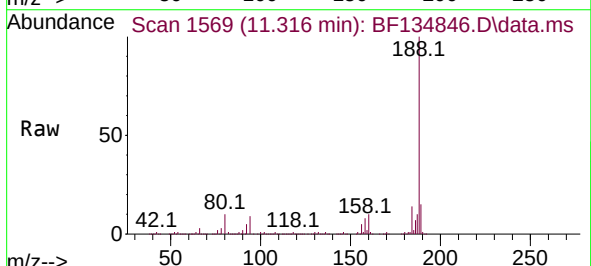
Tgt Ion:188 Resp: 339710

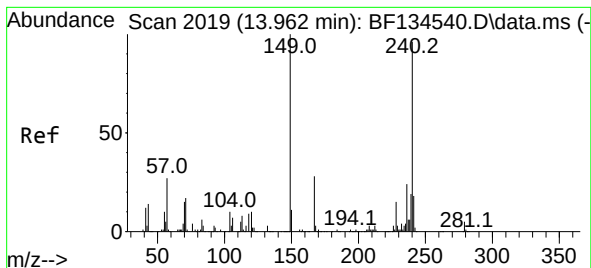
Ion Ratio Lower Upper

188 100

94 9.3 5.1 7.7#

80 9.5 6.6 9.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF134846.D

Acq: 18 Aug 2023 18:14

Instrument :

BNA_F

ClientSampleId :

E-2

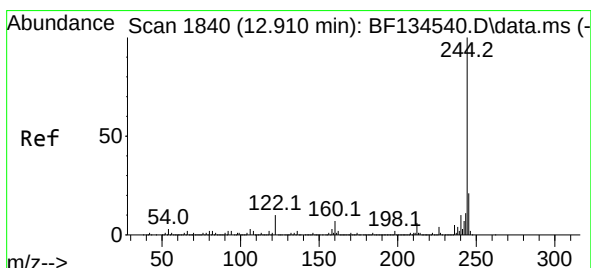
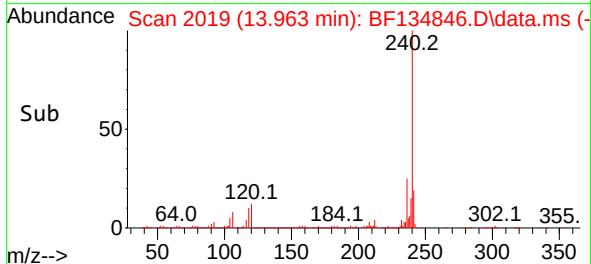
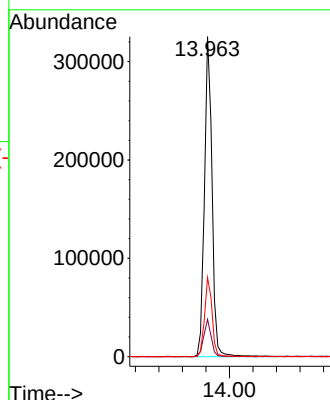
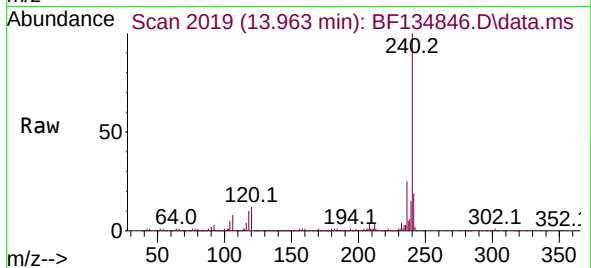
Tgt Ion:240 Resp: 291568

Ion Ratio Lower Upper

240 100

120 11.6 6.6 10.0#

236 24.7 20.2 30.2



#79

Terphenyl-d14

Concen: 71.843 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF134846.D

Acq: 18 Aug 2023 18:14

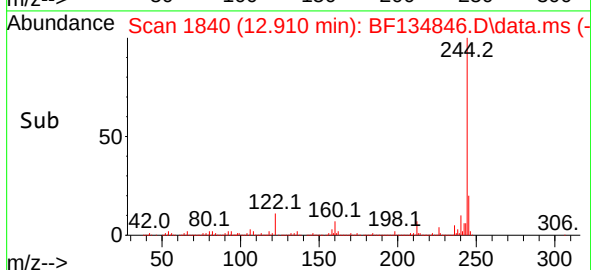
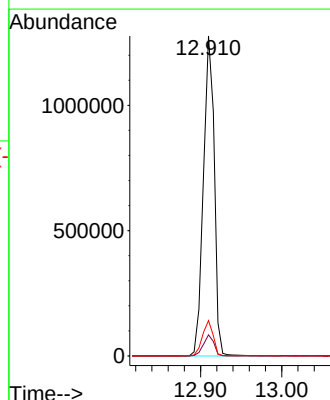
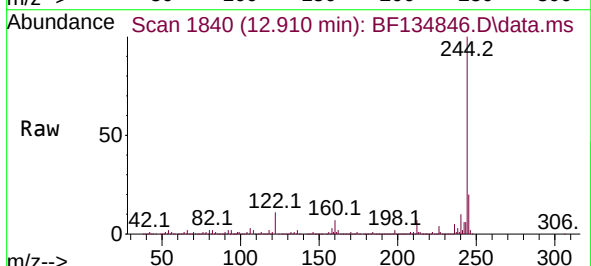
Tgt Ion:244 Resp: 1188239

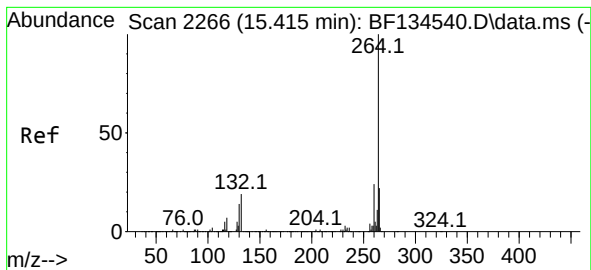
Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 11.0 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: BF134846.D
 Acq: 18 Aug 2023 18:14

Instrument :
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Tgt Ion:264 Resp: 206278
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 22.3 15.8 23.8

