

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135016.D
 Acq On : 30 Aug 2023 21:33
 Operator : CG\JU
 Sample : 04189-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02(22-23)

Quant Time: Aug 31 05:57:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

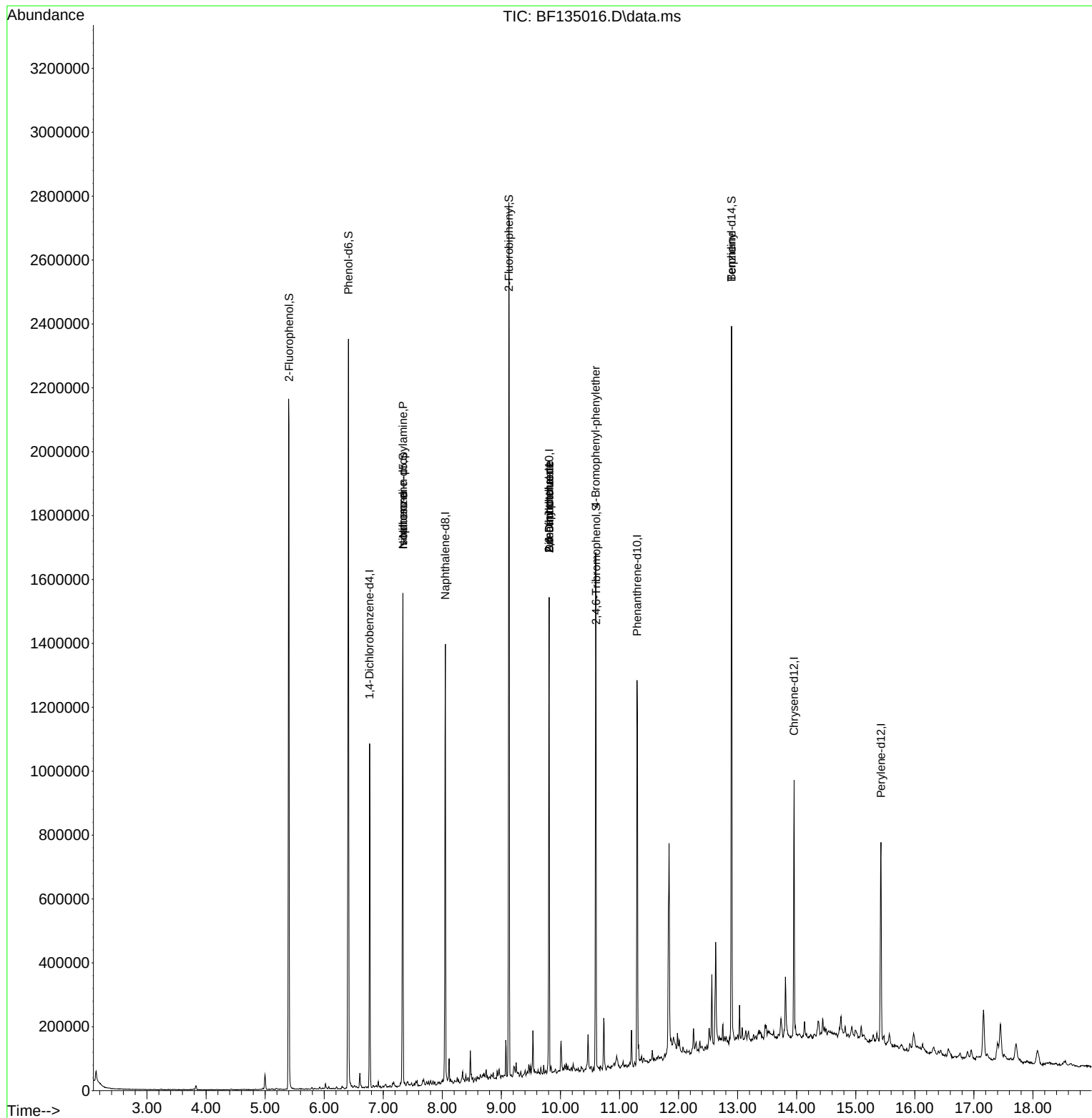
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	144355	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	573165	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	282716	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	452447	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	250442	20.000	ng	0.00
86) Perylene-d12	15.427	264	301193	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	609902	65.260	ng	0.00
7) Phenol-d6	6.410	99	758433	65.108	ng	0.00
23) Nitrobenzene-d5	7.334	82	460436	45.131	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	187082	62.381	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	856225	49.308	ng	-0.01
79) Terphenyl-d14	12.898	244	735131	47.902	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	61700	8.917	ng	# 77
25) Isophorone	7.334	82	458865	23.722	ng	# 65
50) Dimethylphthalate	9.810	163	59053	2.983	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	36508	8.405	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	36508	6.744	ng	# 20
67) 4-Bromophenyl-phenylether	10.598	248	12648	2.636	ng	# 1
69) Atrazine	10.904	200	54	Below Cal		# 37
77) Benzidine	12.898	184	10338	2.290	ng	95

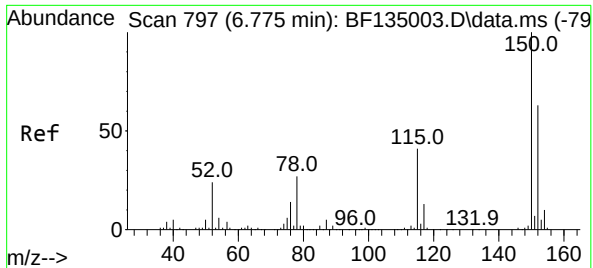
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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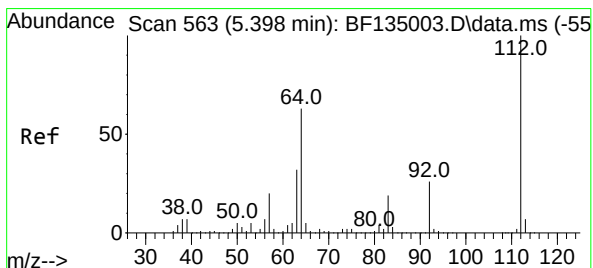
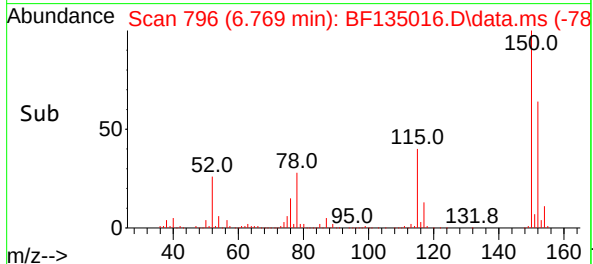
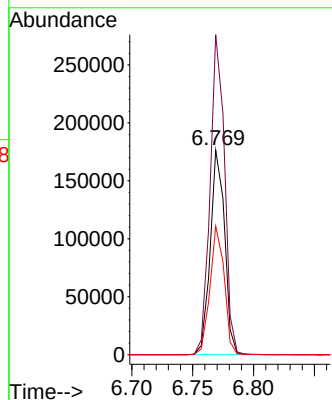
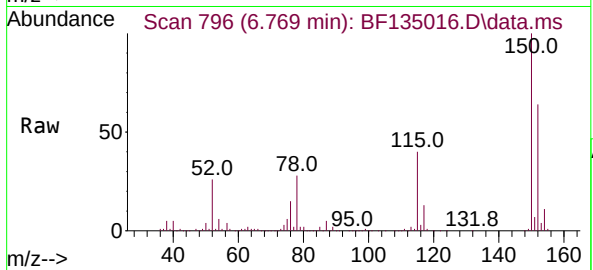




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135016.D
Acq: 30 Aug 2023 21:33

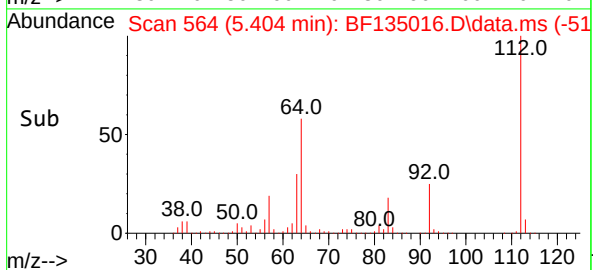
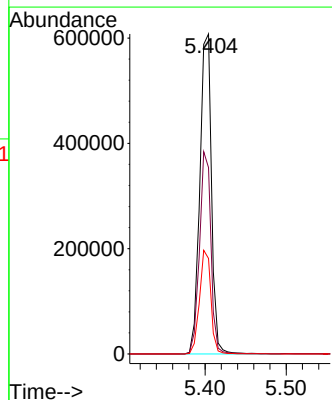
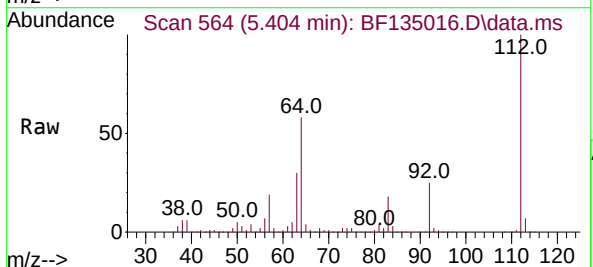
Instrument :
BNA_F
ClientSampleId :
SB-02(22-23)

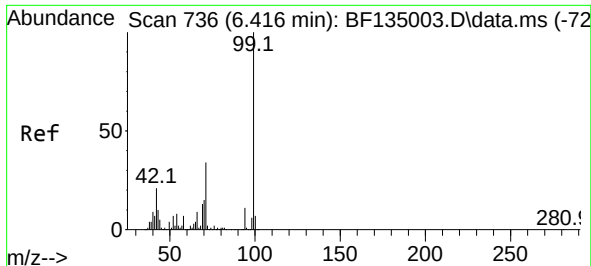
Tgt Ion:152 Resp: 144355
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.4
115 62.9 51.2 76.8



#5
2-Fluorophenol
Concen: 65.260 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135016.D
Acq: 30 Aug 2023 21:33

Tgt Ion:112 Resp: 609902
Ion Ratio Lower Upper
112 100
64 58.3 50.5 75.7
63 29.8 25.9 38.9





#7

Phenol-d6

Concen: 65.108 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135016.D

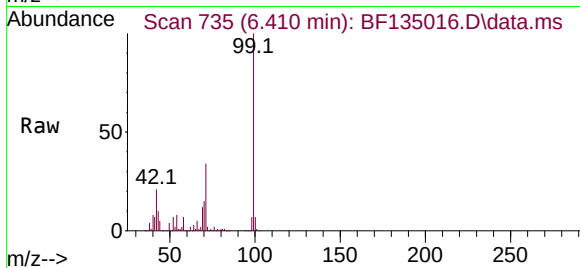
Acq: 30 Aug 2023 21:33

Instrument :

BNA_F

ClientSampleId :

SB-02(22-23)



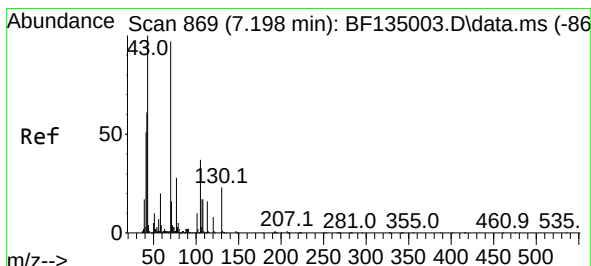
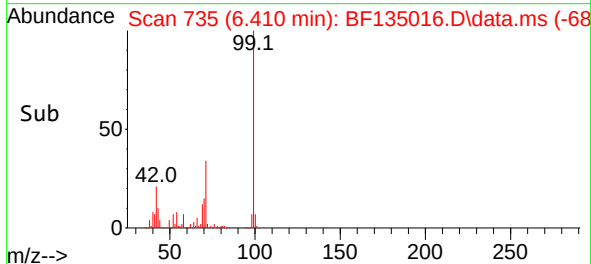
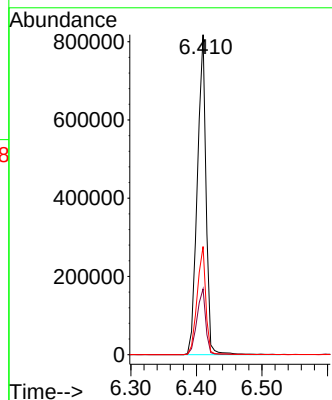
Tgt Ion: 99 Resp: 758433

Ion Ratio Lower Upper

99 100

42 20.6 16.6 25.0

71 33.8 27.0 40.6



#19

n-Nitroso-di-n-propylamine

Concen: 8.917 ng

RT: 7.334 min Scan# 892

Delta R.T. 0.135 min

Lab File: BF135016.D

Acq: 30 Aug 2023 21:33

Tgt Ion: 70 Resp: 61700

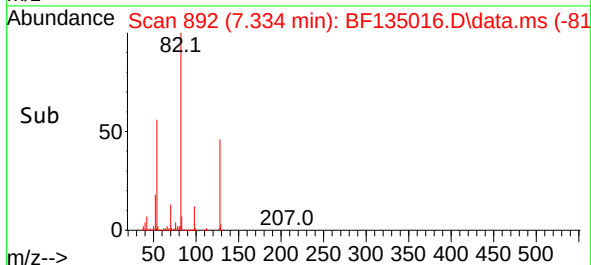
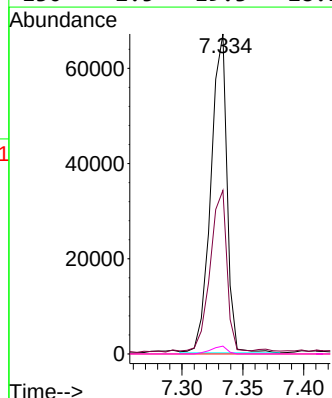
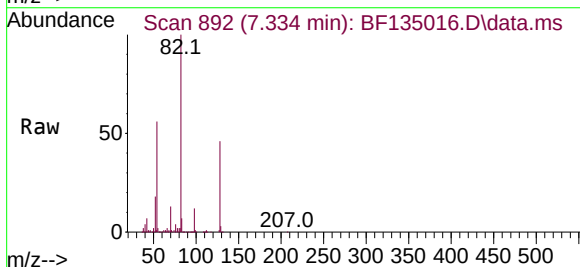
Ion Ratio Lower Upper

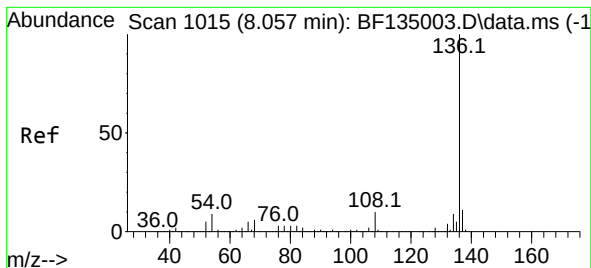
70 100

42 51.1 50.2 75.4

101 0.0 8.1 12.1#

130 2.5 19.3 28.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.051 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF135016.D

Acq: 30 Aug 2023 21:33

Instrument :

BNA_F

ClientSampleId :

SB-02(22-23)

Tgt Ion:136 Resp: 573165

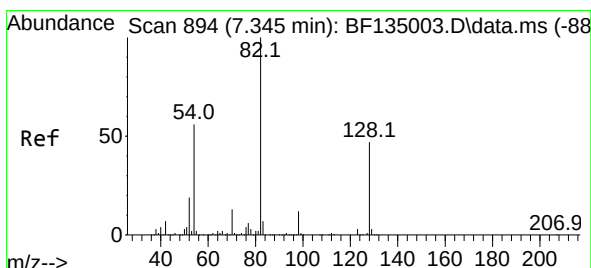
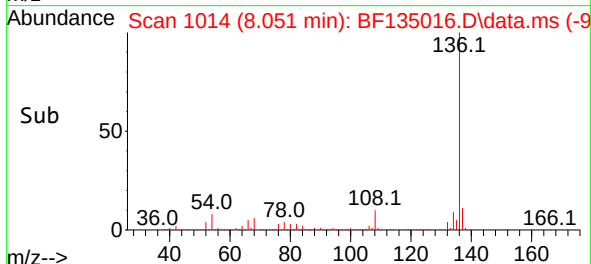
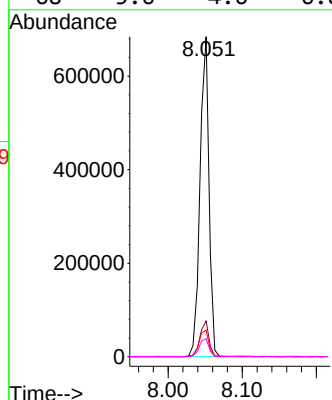
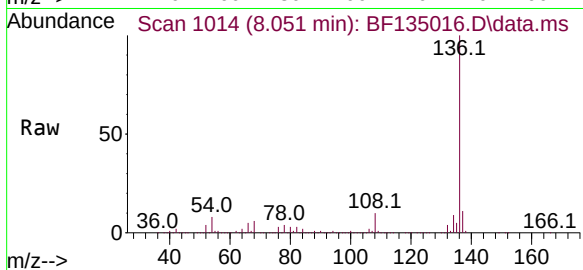
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.3 7.0 10.4

68 5.6 4.6 6.8



#23

Nitrobenzene-d5

Concen: 45.131 ng

RT: 7.334 min Scan# 892

Delta R.T. -0.012 min

Lab File: BF135016.D

Acq: 30 Aug 2023 21:33

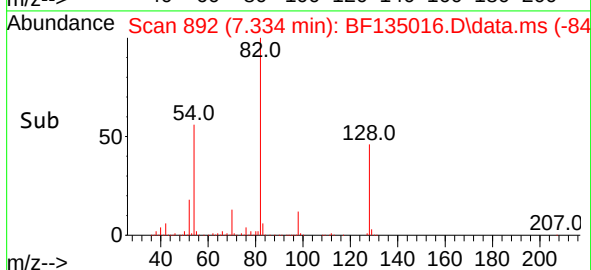
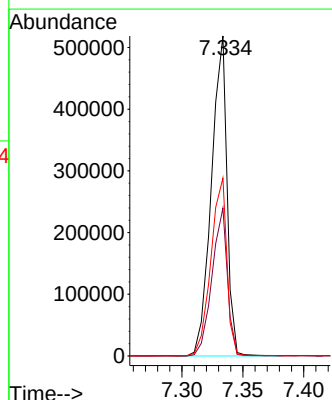
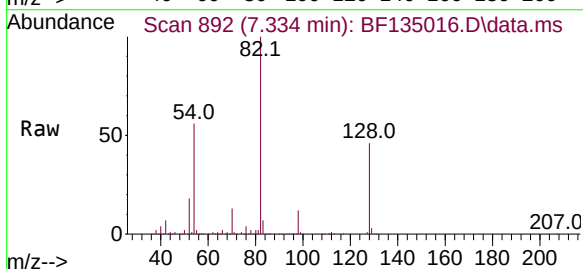
Tgt Ion: 82 Resp: 460436

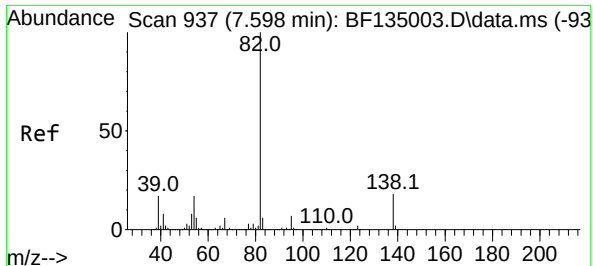
Ion Ratio Lower Upper

82 100

128 46.2 37.8 56.8

54 55.6 45.0 67.6

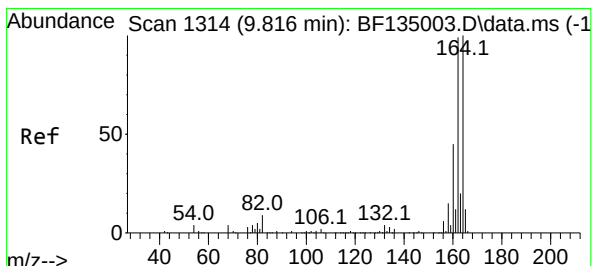
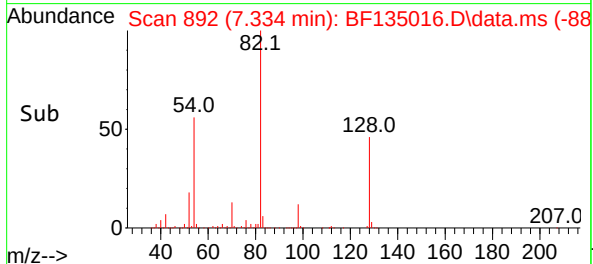
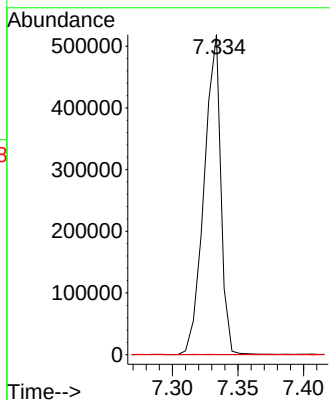
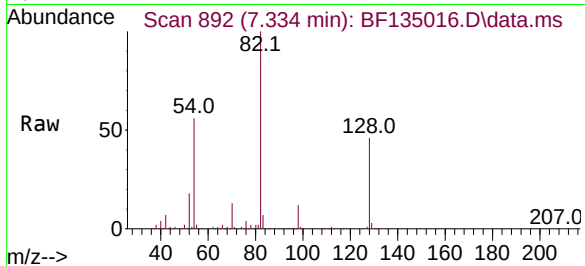




#25
Isophorone
Concen: 23.722 ng
RT: 7.334 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF135016.D
Acq: 30 Aug 2023 21:33

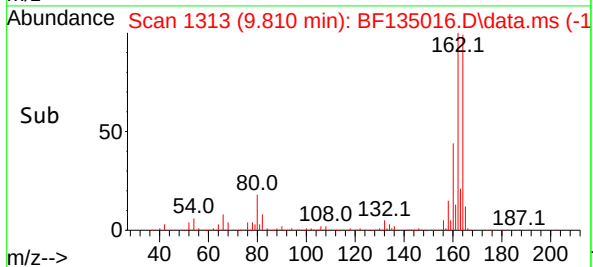
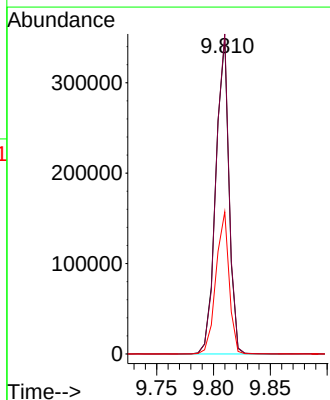
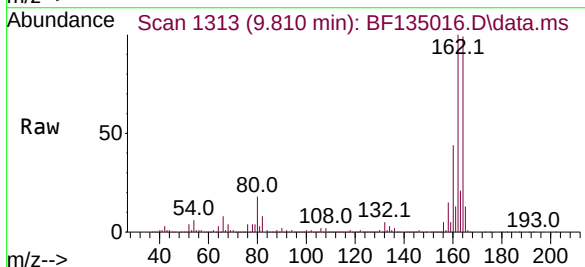
Instrument :
BNA_F
ClientSampleId :
SB-02(22-23)

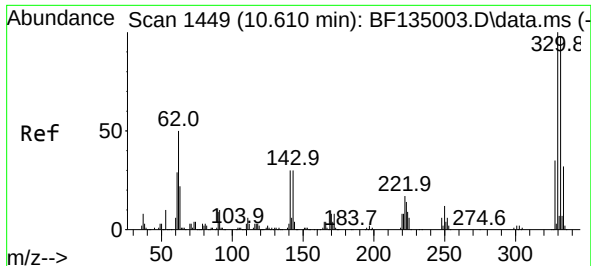
Tgt Ion: 82 Resp: 458865
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135016.D
Acq: 30 Aug 2023 21:33

Tgt Ion: 164 Resp: 282716
Ion Ratio Lower Upper
164 100
162 101.4 79.5 119.3
160 45.0 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 62.381 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF135016.D

Acq: 30 Aug 2023 21:33

Instrument :

BNA_F

ClientSampleId :

SB-02(22-23)

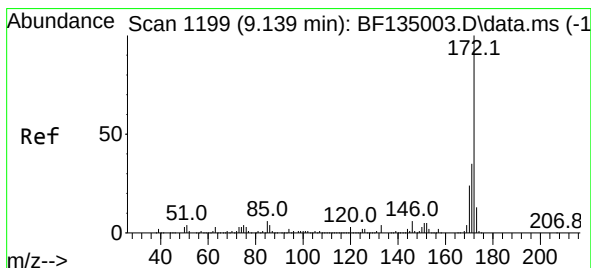
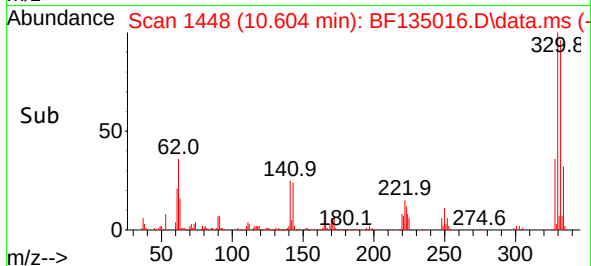
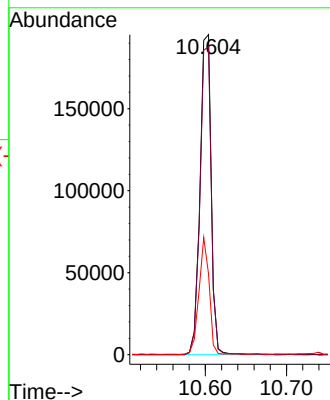
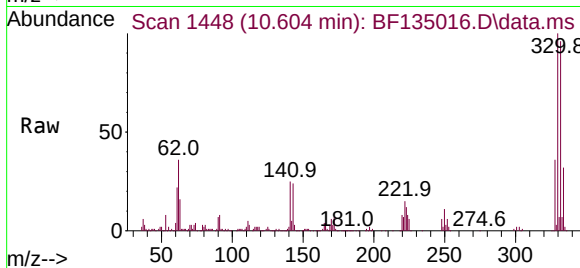
Tgt Ion:330 Resp: 187082

Ion Ratio Lower Upper

330 100

332 96.7 77.6 116.4

141 33.3 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 49.308 ng

RT: 9.128 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF135016.D

Acq: 30 Aug 2023 21:33

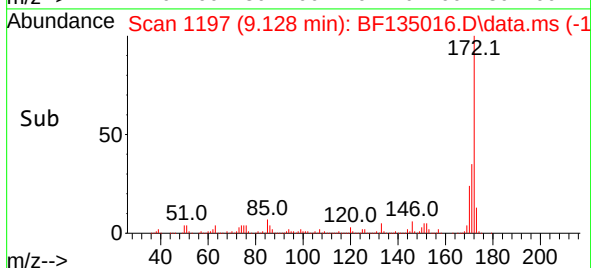
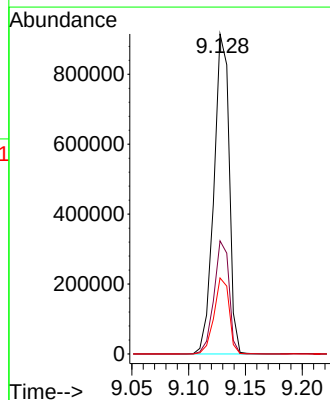
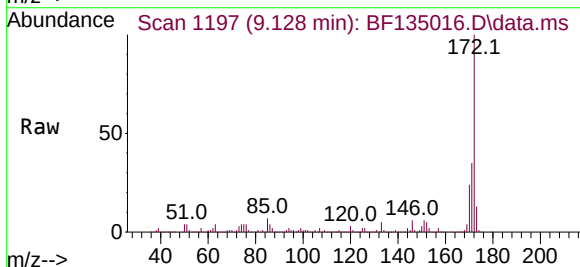
Tgt Ion:172 Resp: 856225

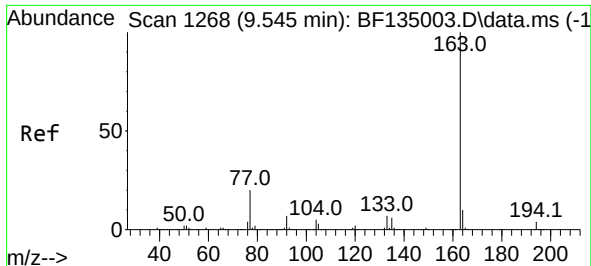
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.8 19.0 28.4

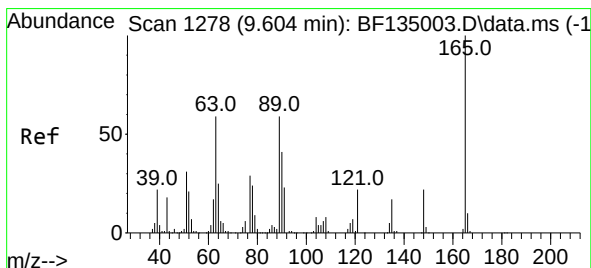
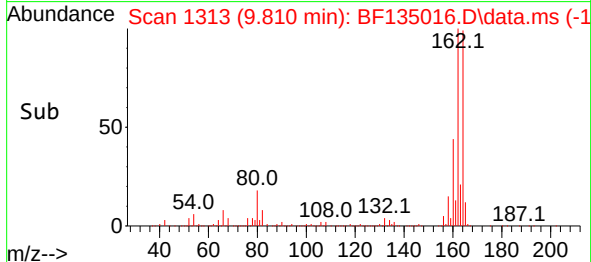
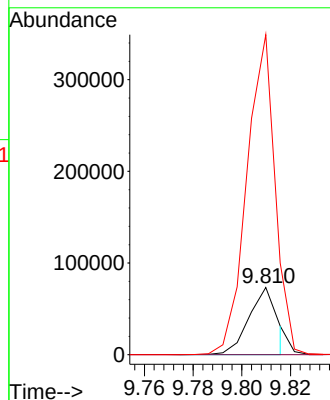
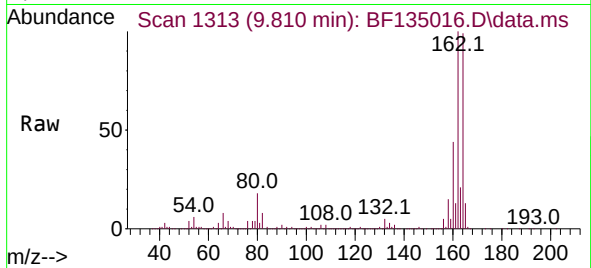




#50
Dimethylphthalate
Concen: 2.983 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135016.D
Acq: 30 Aug 2023 21:33

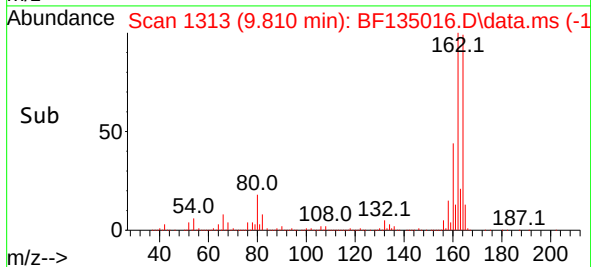
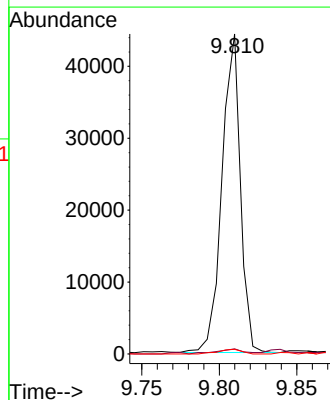
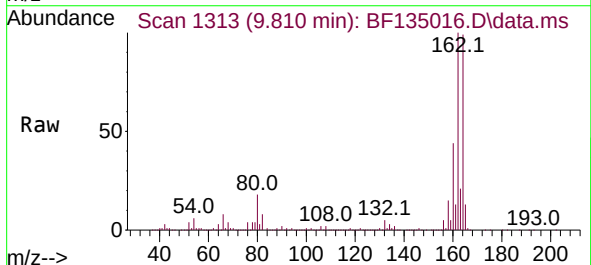
Instrument :
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SB-02(22-23)

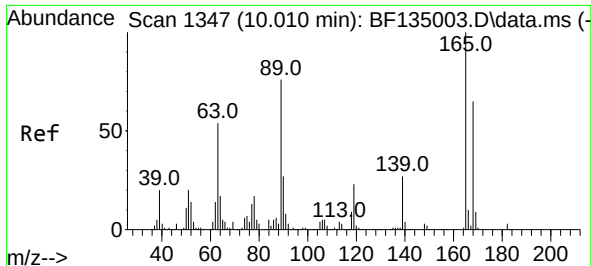
Tgt Ion:163 Resp: 59053
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 475.8 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.405 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135016.D
Acq: 30 Aug 2023 21:33

Tgt Ion:165 Resp: 36508
Ion Ratio Lower Upper
165 100
63 1.6 50.4 75.6#
89 1.5 47.1 70.7#

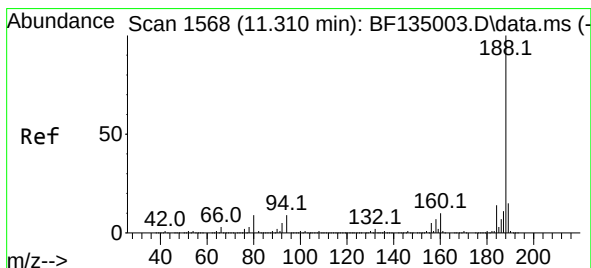
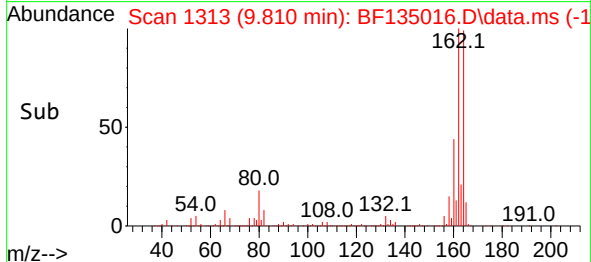
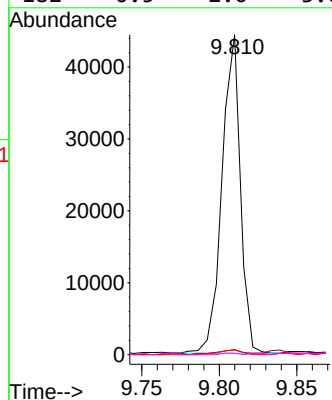
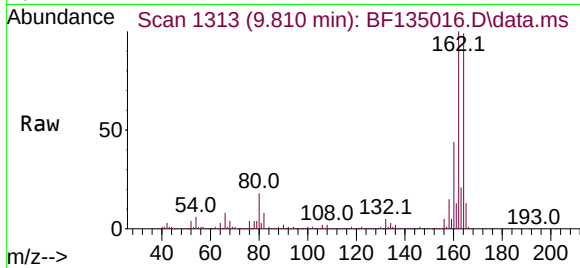




#57
2,4-Dinitrotoluene
Concen: 6.744 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF135016.D
Acq: 30 Aug 2023 21:33

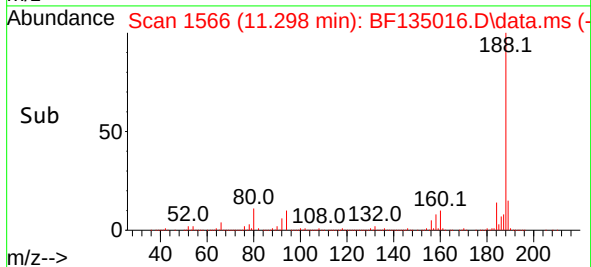
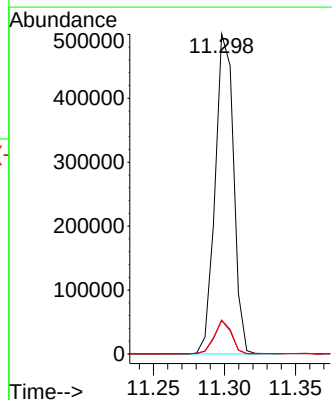
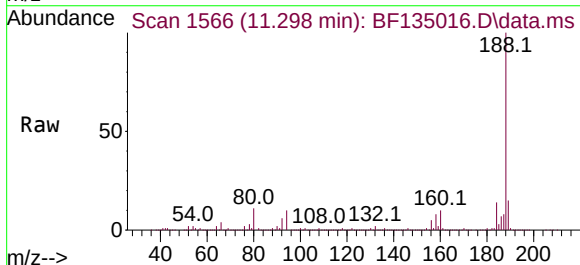
Instrument :
BNA_F
ClientSampleId :
SB-02(22-23)

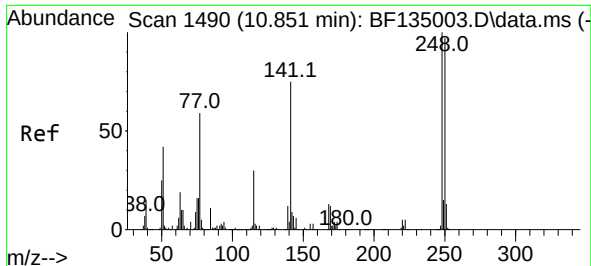
Tgt Ion:165 Resp: 36508
Ion Ratio Lower Upper
165 100
63 1.6 43.2 64.8#
89 1.5 60.8 91.2#
182 0.5 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135016.D
Acq: 30 Aug 2023 21:33

Tgt Ion:188 Resp: 452447
Ion Ratio Lower Upper
188 100
94 10.4 7.0 10.4
80 10.6 7.4 11.2

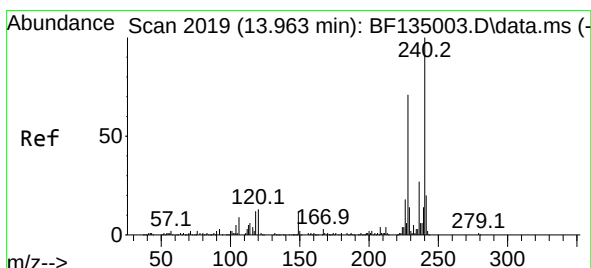
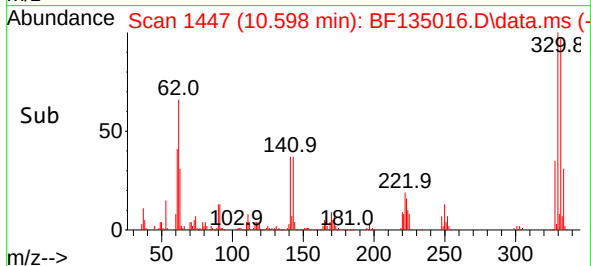
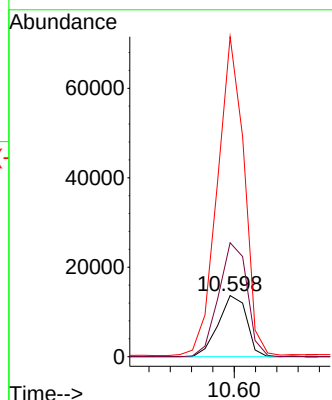
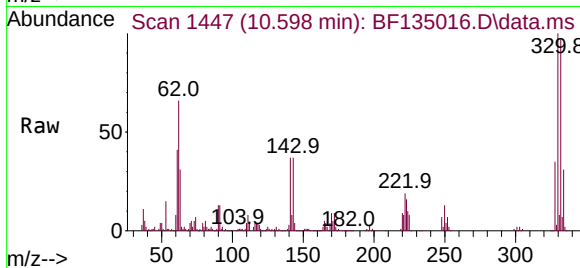




#67
4-Bromophenyl-phenylether
Concen: 2.636 ng
RT: 10.598 min Scan# 1490
Delta R.T. -0.253 min
Lab File: BF135016.D
Acq: 30 Aug 2023 21:33

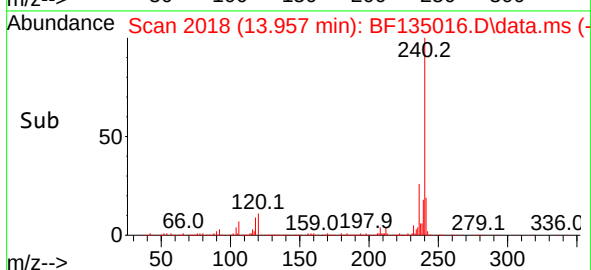
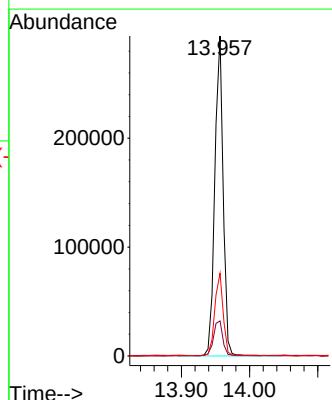
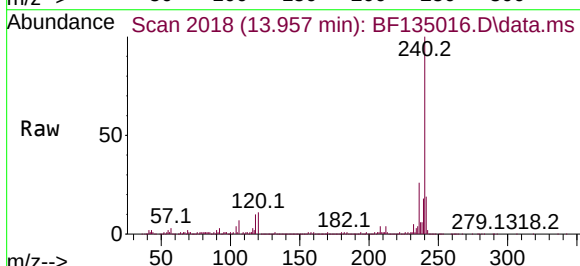
Instrument :
BNA_F
ClientSampleId :
SB-02(22-23)

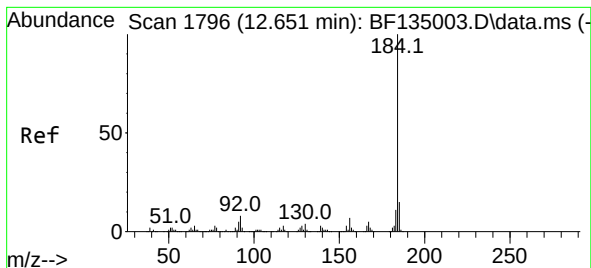
Tgt Ion:248 Resp: 12648
Ion Ratio Lower Upper
248 100
250 186.1 77.9 116.9#
141 522.9 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135016.D
Acq: 30 Aug 2023 21:33

Tgt Ion:240 Resp: 250442
Ion Ratio Lower Upper
240 100
120 11.0 10.2 15.2
236 25.9 21.3 31.9





#77

Benzidine

Concen: 2.290 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.247 min

Lab File: BF135016.D

Acq: 30 Aug 2023 21:33

Instrument :

BNA_F

ClientSampleId :

SB-02(22-23)

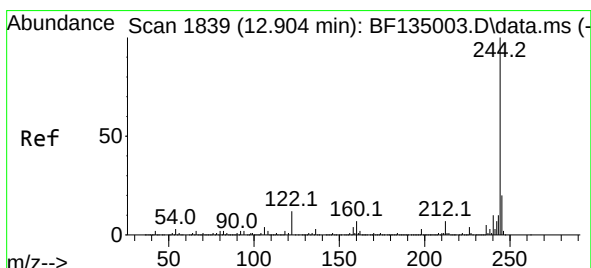
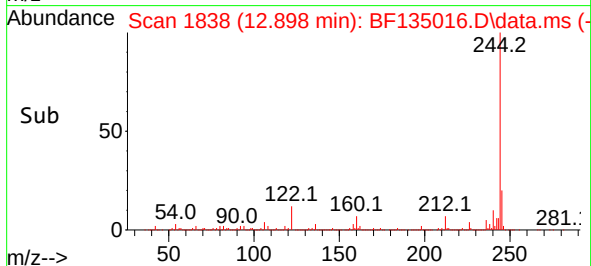
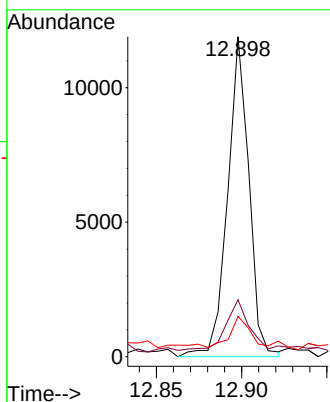
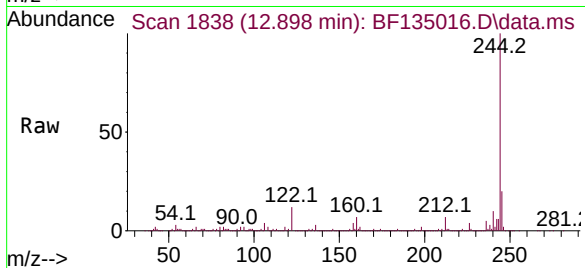
Tgt Ion:184 Resp: 10338

Ion Ratio Lower Upper

184 100

185 17.8 12.0 18.0

183 12.6 9.0 13.6



#79

Terphenyl-d14

Concen: 47.902 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF135016.D

Acq: 30 Aug 2023 21:33

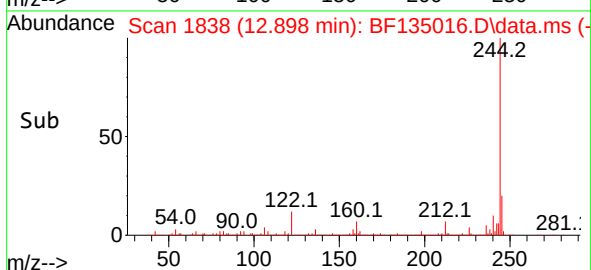
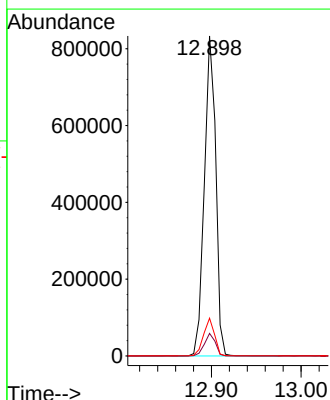
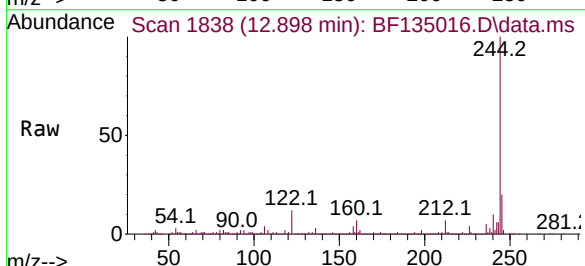
Tgt Ion:244 Resp: 735131

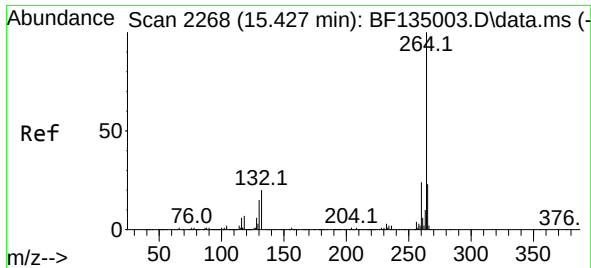
Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 11.8 9.8 14.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF135016.D

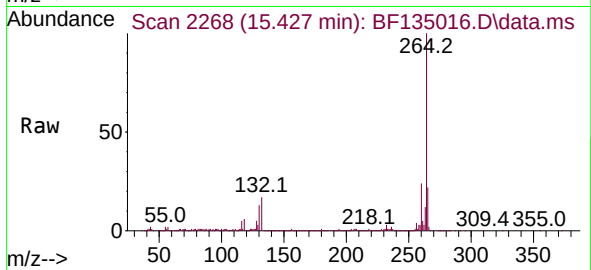
Acq: 30 Aug 2023 21:33

Instrument :

BNA_F

ClientSampleId :

SB-02(22-23)



Tgt Ion:264 Resp: 301193

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.6

265 22.0 18.2 27.2

