

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
 Data File : BF135076.D
 Acq On : 01 Sep 2023 15:04
 Operator : CG\JU
 Sample : 04203-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(12-12.5)

Quant Time: Sep 01 15:35:19 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)

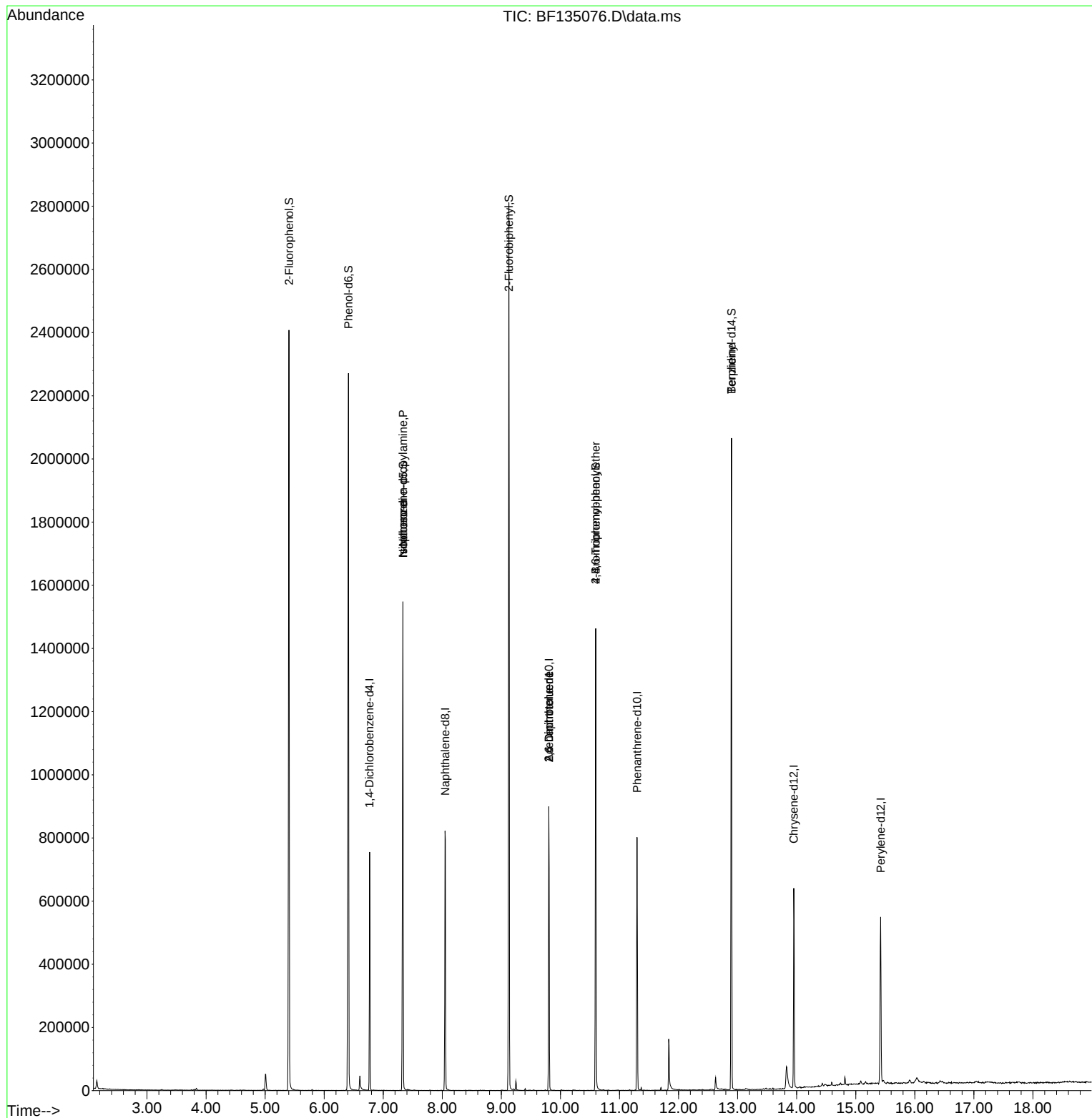
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	97625	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	380807	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	175960	20.000	ng	-0.01
64) Phenanthrene-d10	11.298	188	269950	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	210365	20.000	ng	-0.01
86) Perylene-d12	15.421	264	229305	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	611073	96.684	ng	0.00
7) Phenol-d6	6.410	99	736975	93.550	ng	0.00
23) Nitrobenzene-d5	7.334	82	467720	69.003	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	167996	90.003	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	825087	76.343	ng	-0.01
79) Terphenyl-d14	12.898	244	704616	54.660	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	62011	13.252	ng	# 78
25) Isophorone	7.334	82	467714	36.394	ng	# 65
51) 2,6-Dinitrotoluene	9.804	165	22319	8.256	ng	# 21
57) 2,4-Dinitrotoluene	9.804	165	22319	6.624	ng	# 19
67) 4-Bromophenyl-phenylether	10.598	248	10524	3.676	ng	# 1
77) Benzidine	12.898	184	8662	2.284	ng	# 91

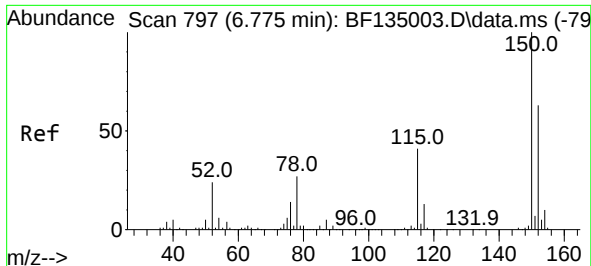
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-7(12-12.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

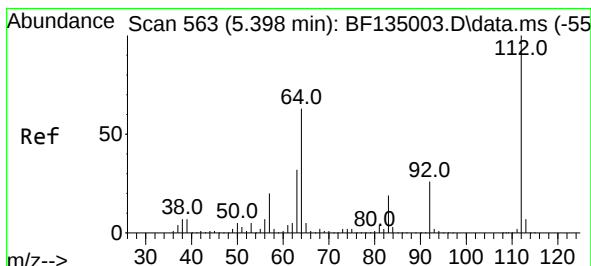
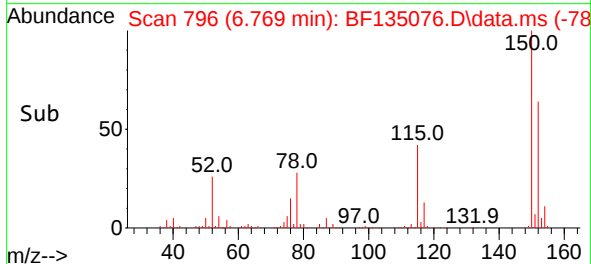
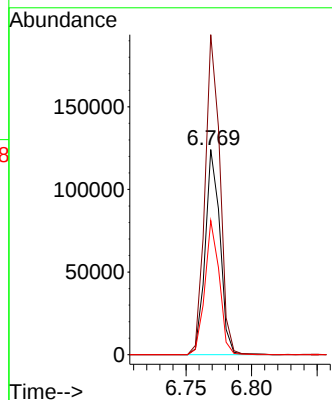
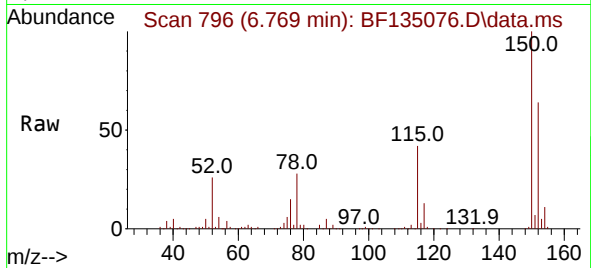




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135076.D
Acq: 01 Sep 2023 15:04

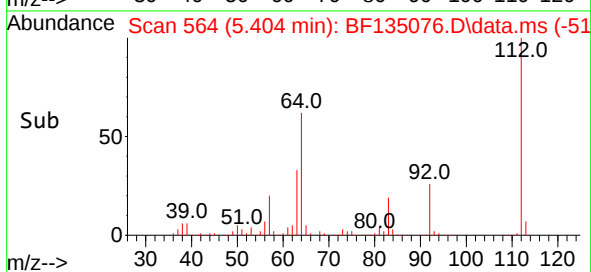
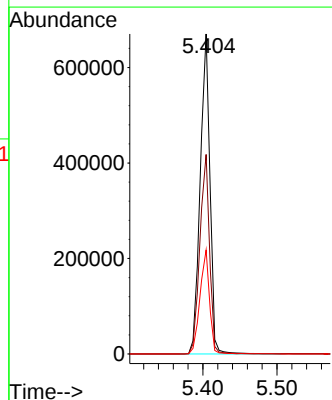
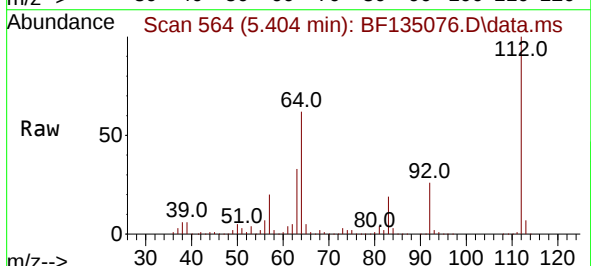
Instrument :
BNA_F
ClientSampleId :
SB-7(12-12.5)

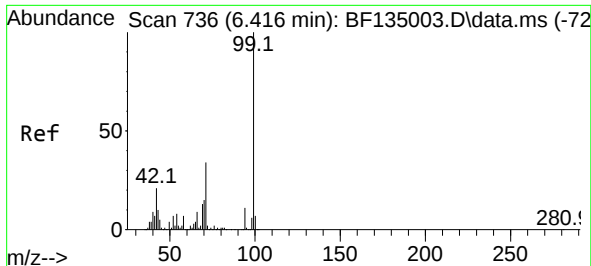
Tgt Ion:152 Resp: 97625
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.4
115 65.3 51.2 76.8



#5
2-Fluorophenol
Concen: 96.684 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135076.D
Acq: 01 Sep 2023 15:04

Tgt Ion:112 Resp: 611073
Ion Ratio Lower Upper
112 100
64 62.4 50.5 75.7
63 32.5 25.9 38.9





#7
Phenol-d6
Concen: 93.550 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135076.D
Acq: 01 Sep 2023 15:04

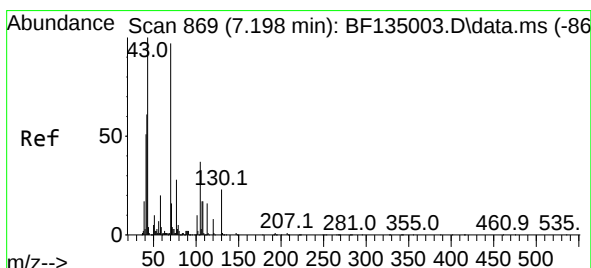
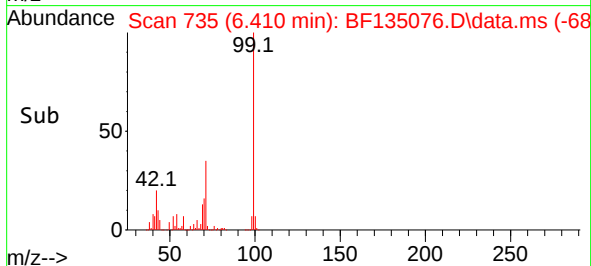
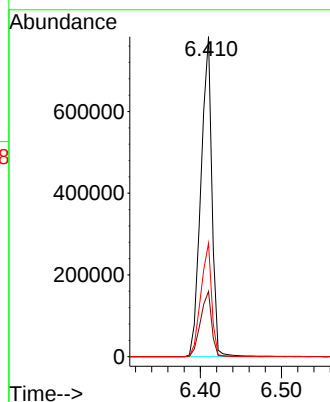
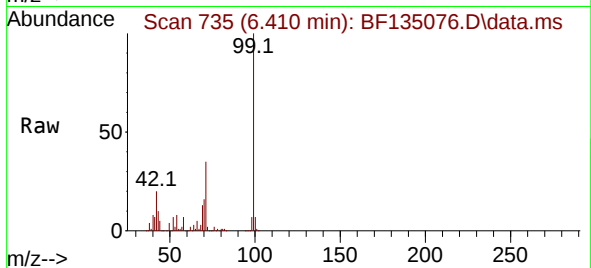
Instrument :

BNA_F

ClientSampleId :

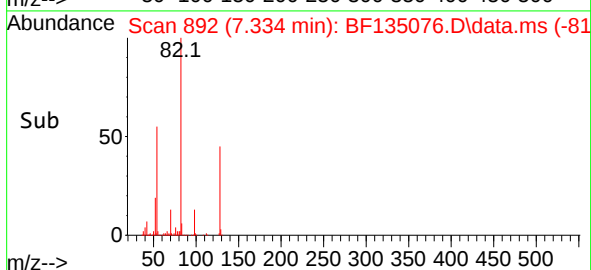
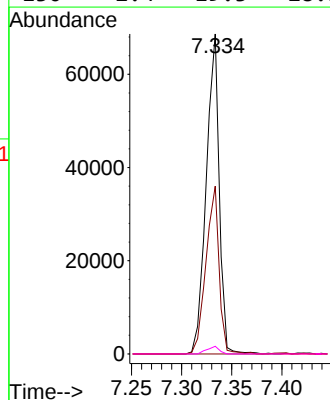
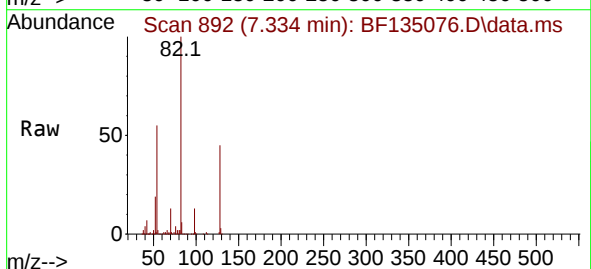
SB-7(12-12.5)

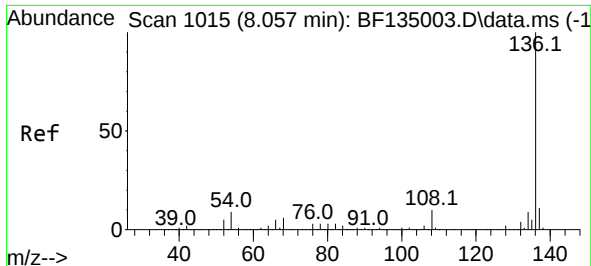
Tgt Ion: 99 Resp: 736975
Ion Ratio Lower Upper
99 100
42 20.4 16.6 25.0
71 35.5 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.252 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135076.D
Acq: 01 Sep 2023 15:04

Tgt Ion: 70 Resp: 62011
Ion Ratio Lower Upper
70 100
42 52.4 50.2 75.4
101 0.0 8.1 12.1#
130 2.4 19.3 28.9#

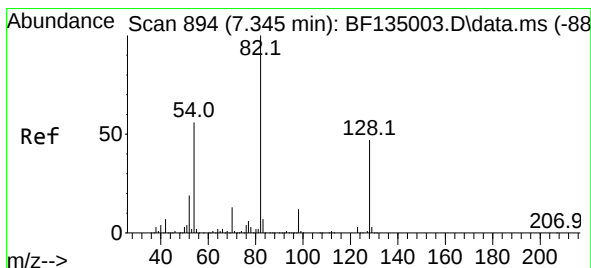
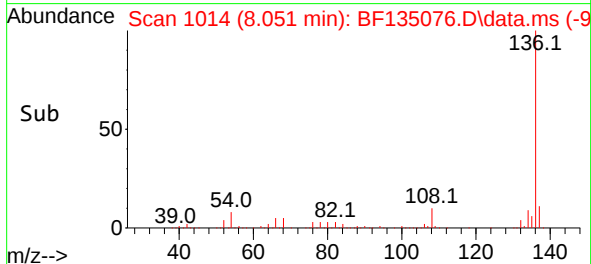
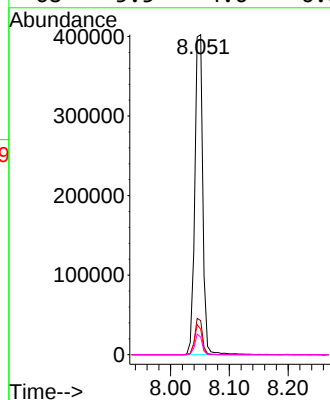
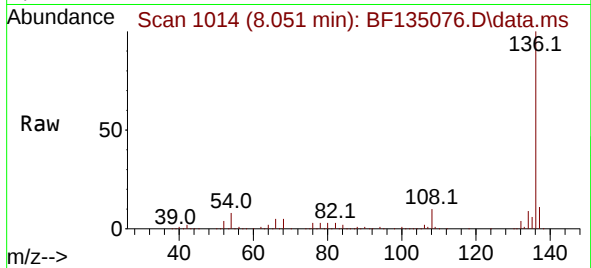




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135076.D
Acq: 01 Sep 2023 15:04

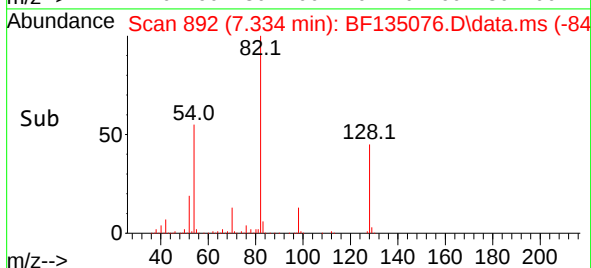
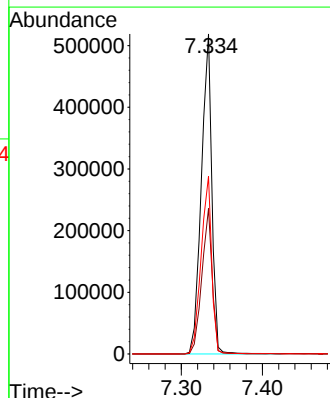
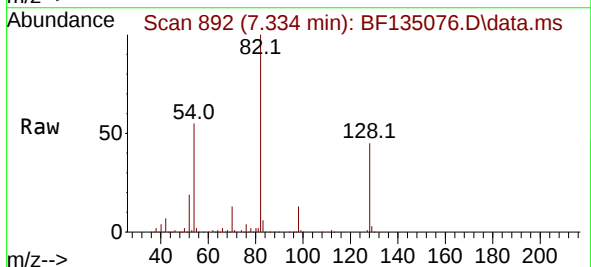
Instrument :
BNA_F
ClientSampleId :
SB-7(12-12.5)

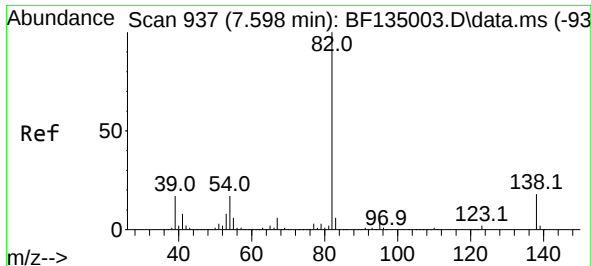
Tgt Ion:136 Resp: 380807
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.0 7.0 10.4
68 5.5 4.6 6.8



#23
Nitrobenzene-d5
Concen: 69.003 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135076.D
Acq: 01 Sep 2023 15:04

Tgt Ion: 82 Resp: 467720
Ion Ratio Lower Upper
82 100
128 45.4 37.8 56.8
54 55.5 45.0 67.6

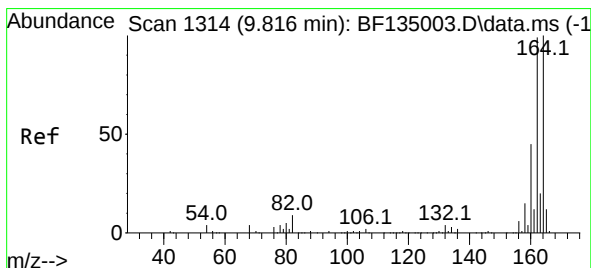
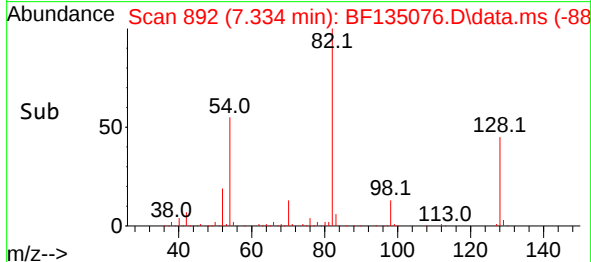
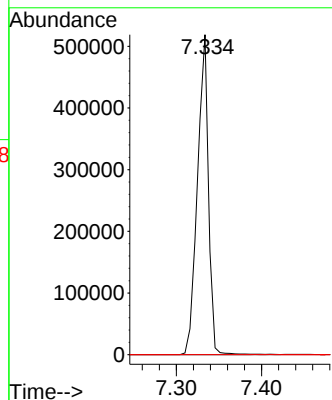
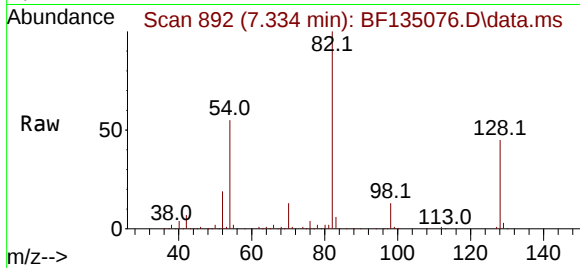




#25
Isophorone
Concen: 36.394 ng
RT: 7.334 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF135076.D
Acq: 01 Sep 2023 15:04

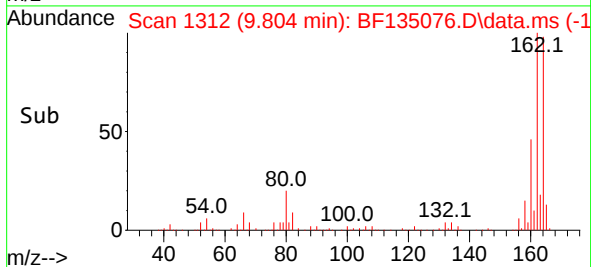
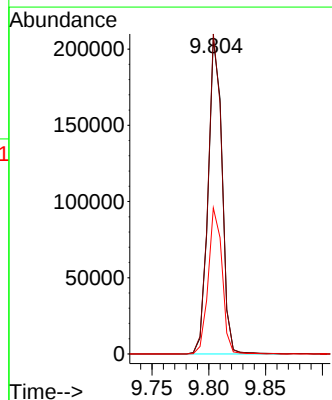
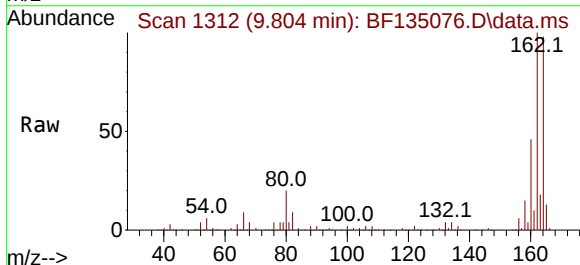
Instrument :
BNA_F
ClientSampleId :
SB-7(12-12.5)

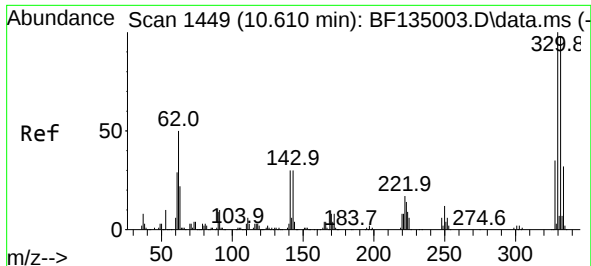
Tgt Ion: 82 Resp: 467714
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF135076.D
Acq: 01 Sep 2023 15:04

Tgt Ion:164 Resp: 175960
Ion Ratio Lower Upper
164 100
162 101.6 79.5 119.3
160 46.4 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 90.003 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF135076.D

Acq: 01 Sep 2023 15:04

Instrument :

BNA_F

ClientSampleId :

SB-7(12-12.5)

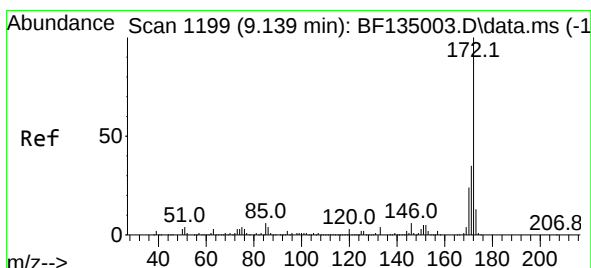
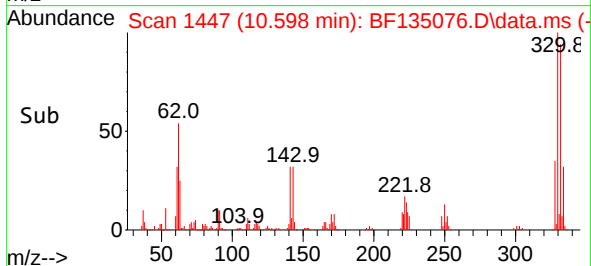
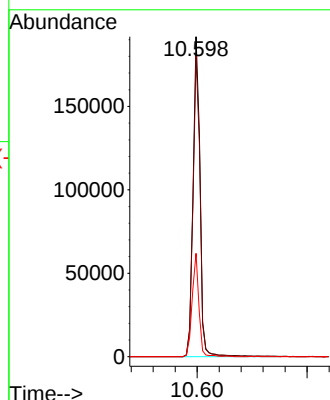
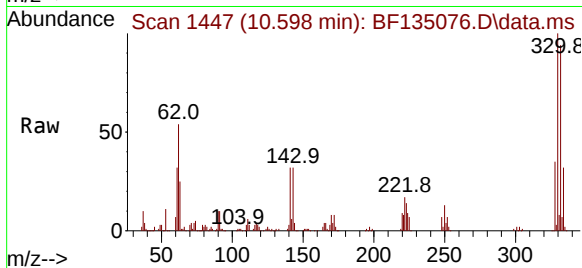
Tgt Ion:330 Resp: 167996

Ion Ratio Lower Upper

330 100

332 94.0 77.6 116.4

141 31.2 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 76.343 ng

RT: 9.128 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF135076.D

Acq: 01 Sep 2023 15:04

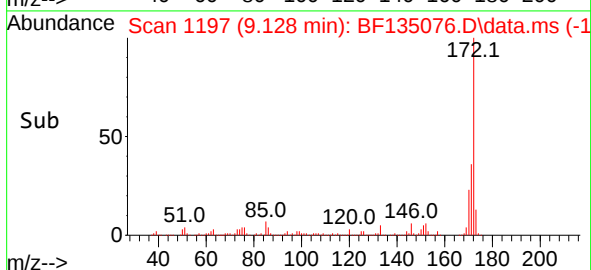
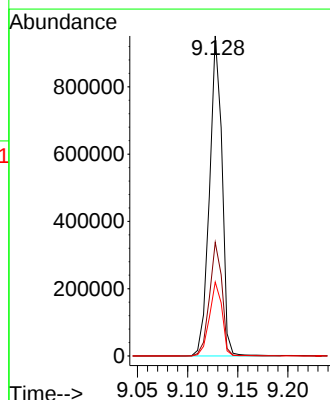
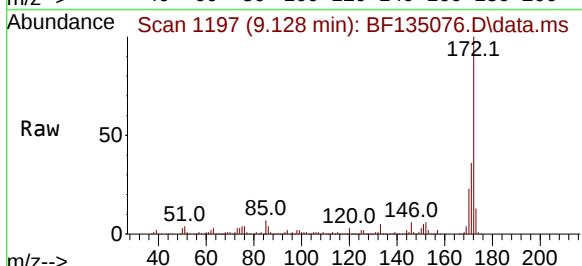
Tgt Ion:172 Resp: 825087

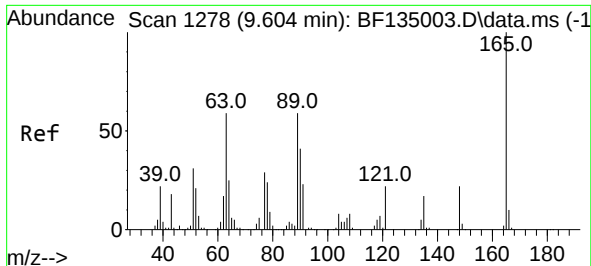
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.1 19.0 28.4

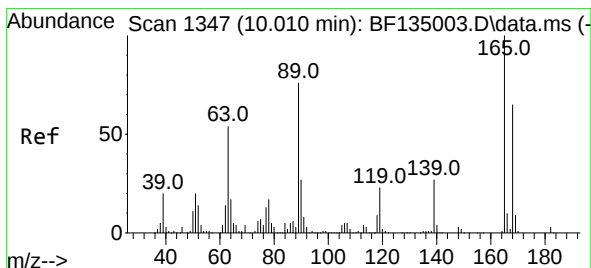
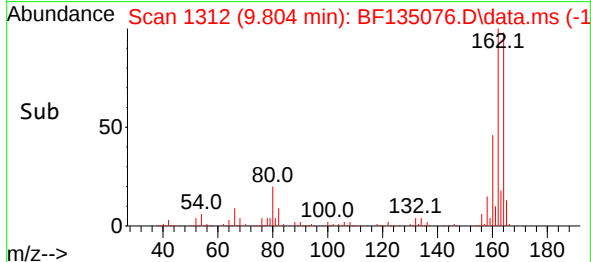
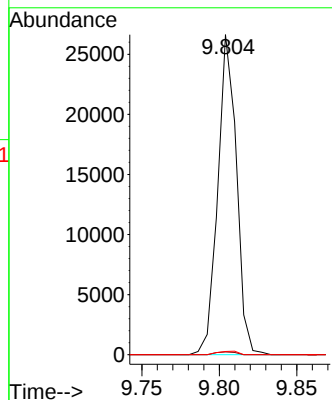
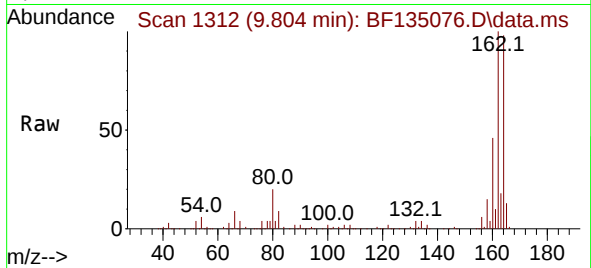




#51
2,6-Dinitrotoluene
Concen: 8.256 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF135076.D
Acq: 01 Sep 2023 15:04

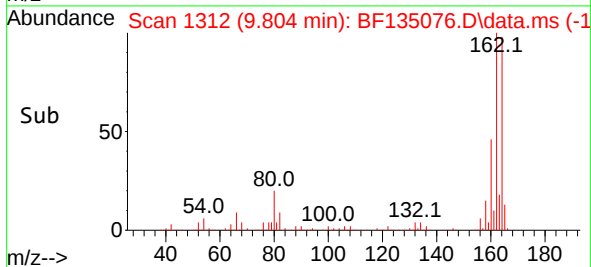
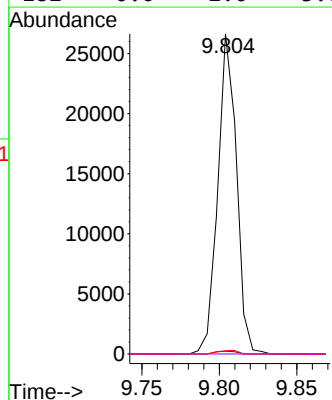
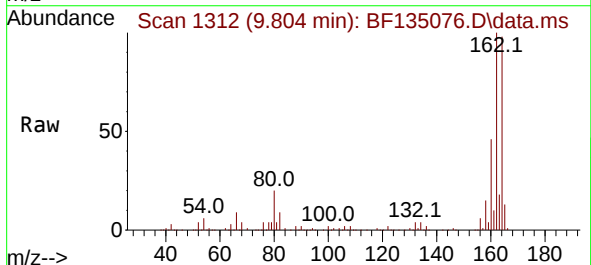
Instrument :
BNA_F
ClientSampleId :
SB-7(12-12.5)

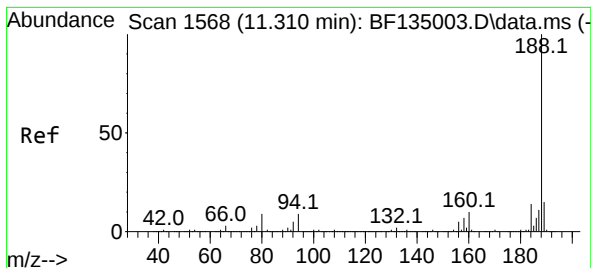
Tgt Ion:165 Resp: 22319
Ion Ratio Lower Upper
165 100
63 0.8 50.4 75.6#
89 1.0 47.1 70.7#



#57
2,4-Dinitrotoluene
Concen: 6.624 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.206 min
Lab File: BF135076.D
Acq: 01 Sep 2023 15:04

Tgt Ion:165 Resp: 22319
Ion Ratio Lower Upper
165 100
63 0.8 43.2 64.8#
89 1.0 60.8 91.2#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135076.D

Acq: 01 Sep 2023 15:04

Instrument :

BNA_F

ClientSampleId :

SB-7(12-12.5)

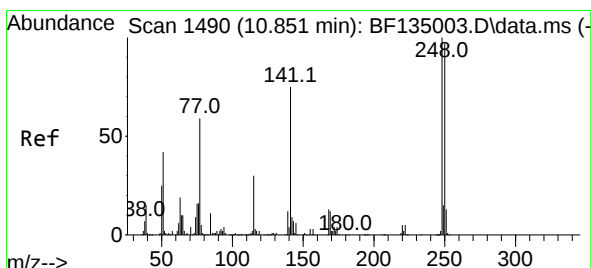
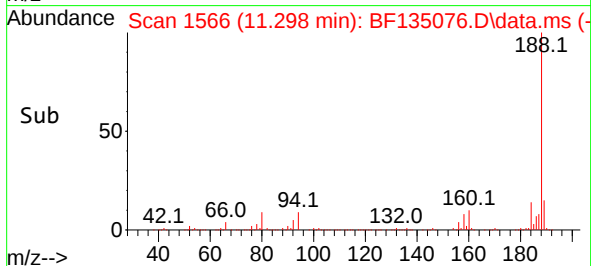
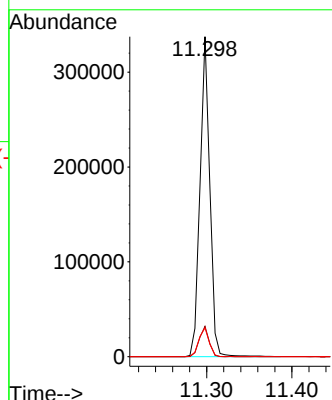
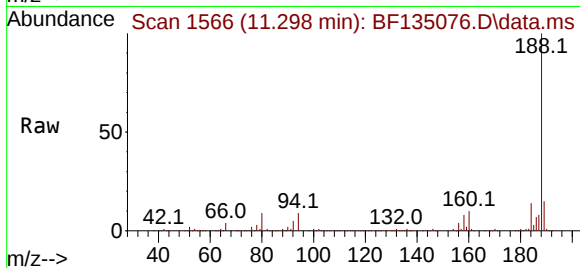
Tgt Ion:188 Resp: 269950

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.4

80 9.0 7.4 11.2



#67

4-Bromophenyl-phenylether

Concen: 3.676 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.253 min

Lab File: BF135076.D

Acq: 01 Sep 2023 15:04

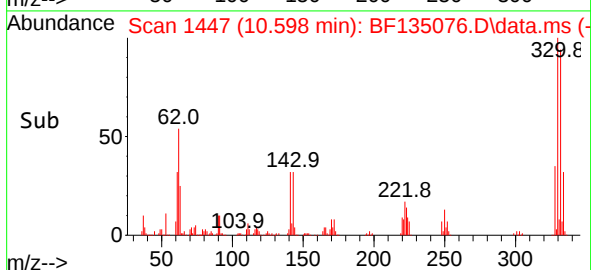
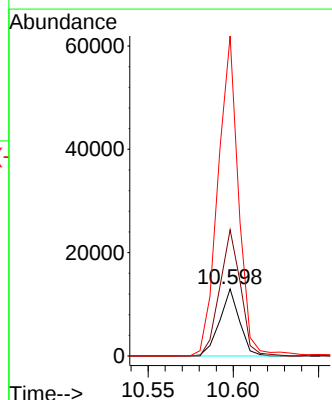
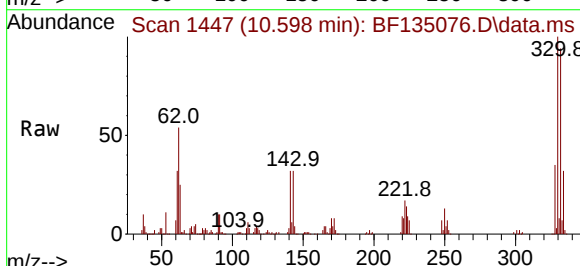
Tgt Ion:248 Resp: 10524

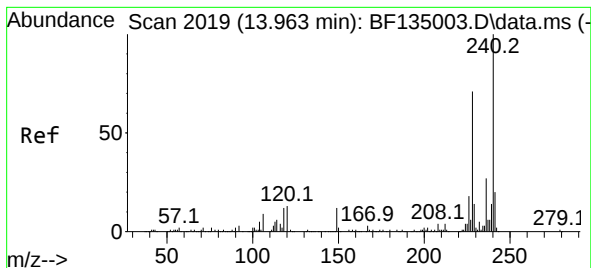
Ion Ratio Lower Upper

248 100

250 188.4 77.9 116.9#

141 477.2 59.8 89.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF135076.D

Acq: 01 Sep 2023 15:04

Instrument :

BNA_F

ClientSampleId :

SB-7(12-12.5)

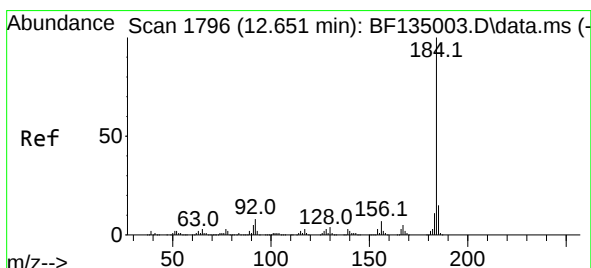
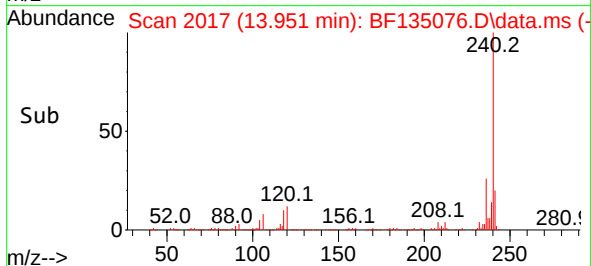
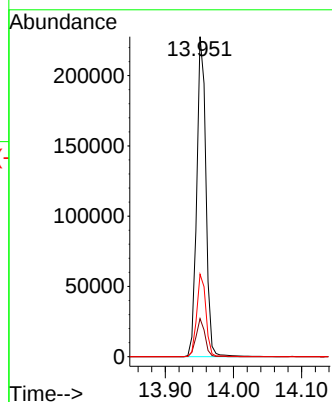
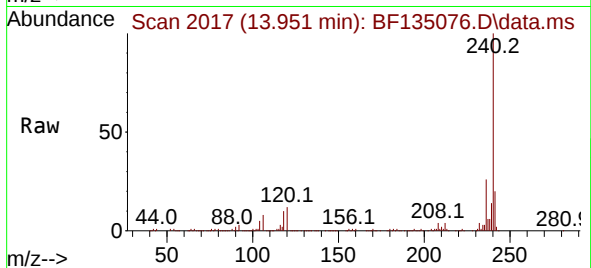
Tgt Ion:240 Resp: 210365

Ion Ratio Lower Upper

240 100

120 11.9 10.2 15.2

236 25.8 21.3 31.9



#77

Benzidine

Concen: 2.284 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.247 min

Lab File: BF135076.D

Acq: 01 Sep 2023 15:04

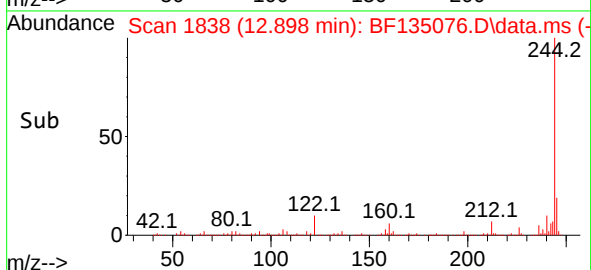
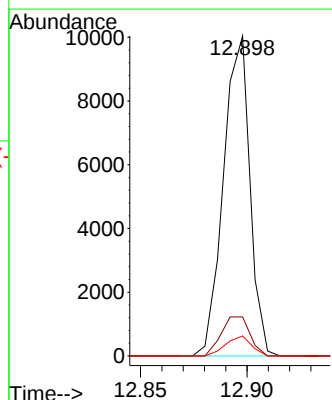
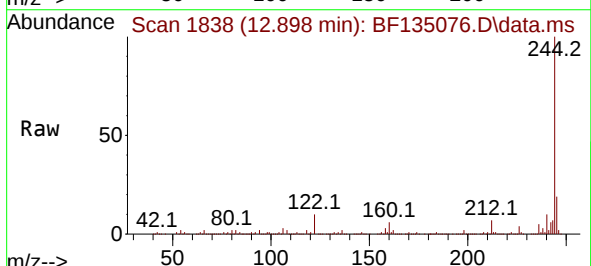
Tgt Ion:184 Resp: 8662

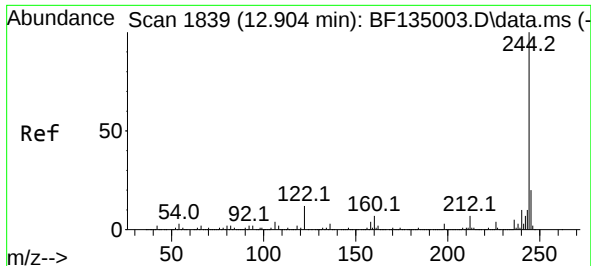
Ion Ratio Lower Upper

184 100

185 12.2 12.0 18.0

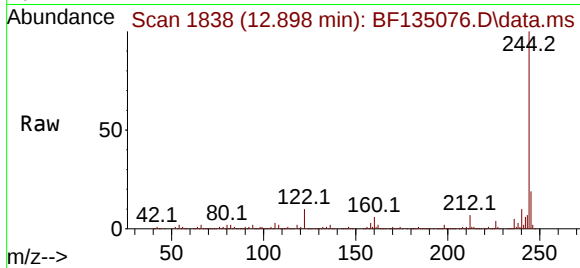
183 6.3 9.0 13.6#



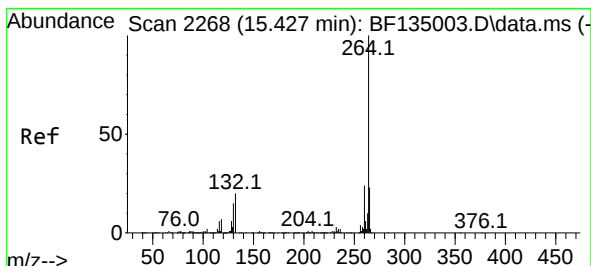
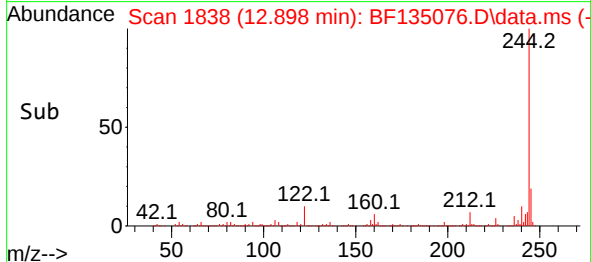
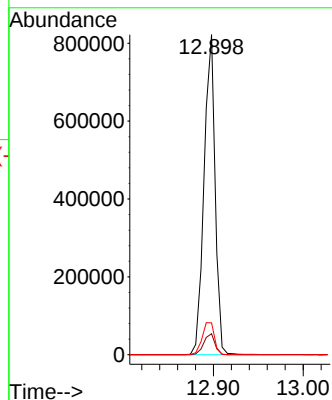


#79
 Terphenyl-d14
 Concen: 54.660 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF135076.D
 Acq: 01 Sep 2023 15:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(12-12.5)



Tgt Ion:244 Resp: 704616
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 9.9 9.8 14.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF135076.D
 Acq: 01 Sep 2023 15:04

Tgt Ion:264 Resp: 229305
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 21.0 18.2 27.2

