

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
 Data File : BF135758.D
 Acq On : 13 Oct 2023 18:08
 Operator : CG\JU
 Sample : 04844-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-603-COMP-06

Quant Time: Oct 13 18:50:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 13 17:12:59 2023
 Response via : Initial Calibration

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

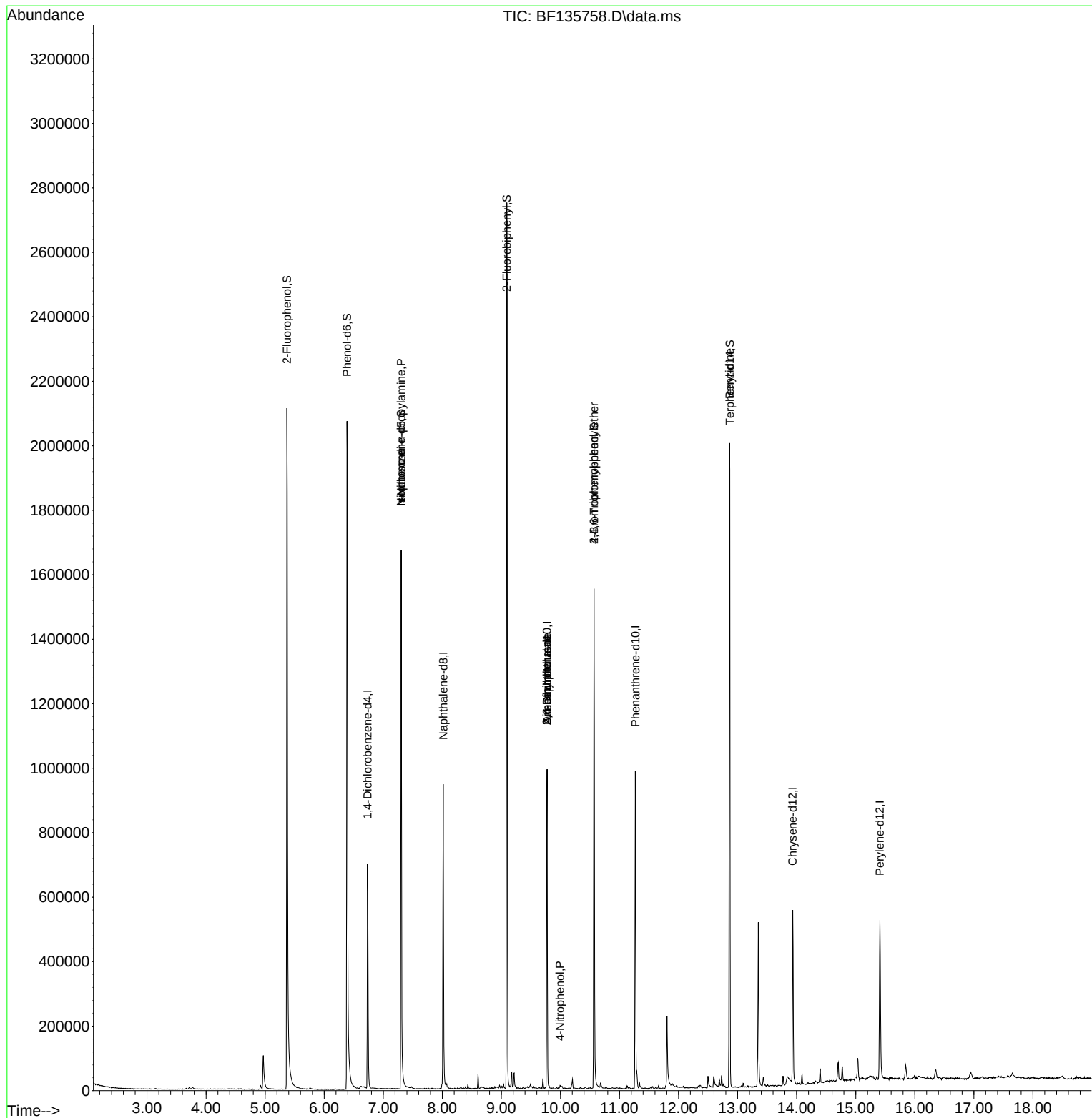
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	108857	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	405678	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	191528	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	344457	20.000	ng	0.00
76) Chrysene-d12	13.933	240	184711	20.000	ng	-0.01
86) Perylene-d12	15.410	264	224177	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	671250	99.140	ng	0.00
7) Phenol-d6	6.387	99	775123	91.752	ng	-0.01
23) Nitrobenzene-d5	7.304	82	475583	64.476	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	179817	97.840	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	852023	69.554	ng	-0.01
79) Terphenyl-d14	12.869	244	738535	74.045	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	62666	11.997	ng	# 76
25) Isophorone	7.304	82	475579	34.176	ng	# 66
50) Dimethylphthalate	9.775	163	38648	2.989	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	24541	8.826	ng	# 16
56) 4-Nitrophenol	9.992	139	208	5.616	ng	# 5
57) 2,4-Dinitrotoluene	9.775	165	24541	6.938	ng	# 23
67) 4-Bromophenyl-phenylether	10.569	248	11103	3.211	ng	# 1
77) Benzidine	12.863	184	9458	2.347	ng	# 96

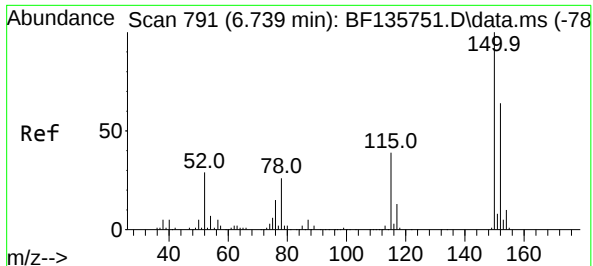
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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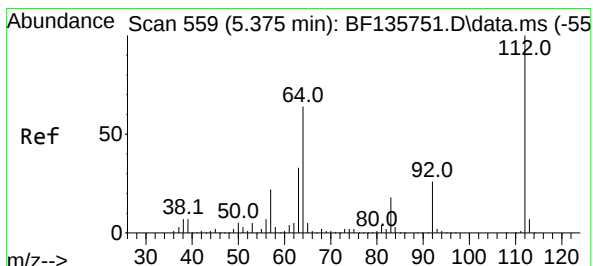
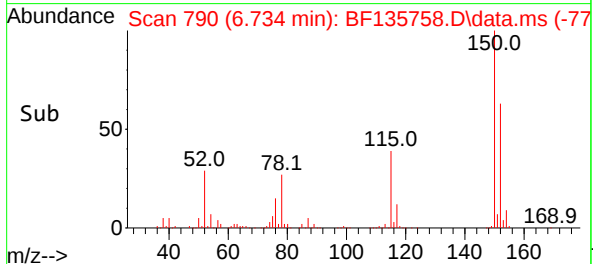
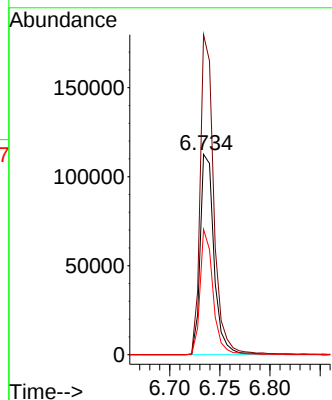
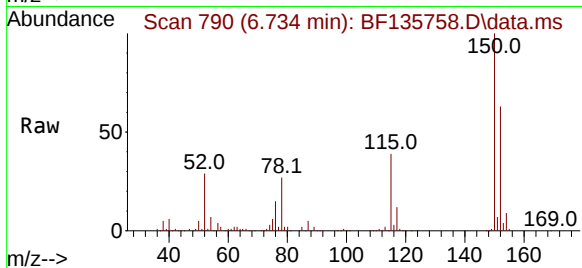




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF135758.D
Acq: 13 Oct 2023 18:08

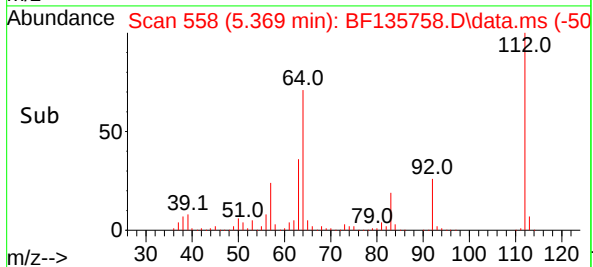
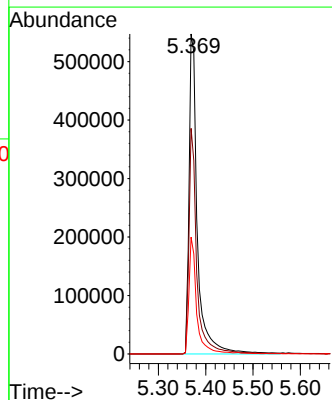
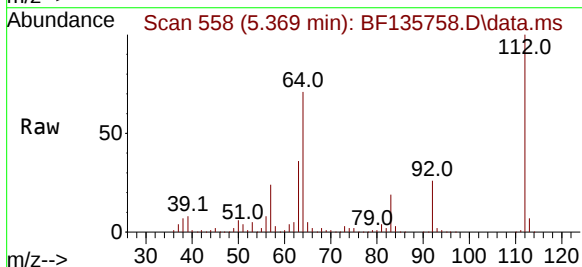
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-06

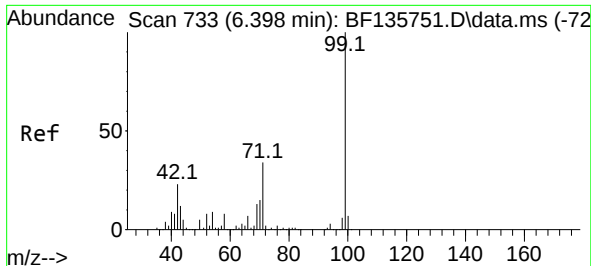
Tgt Ion:152 Resp: 108857
Ion Ratio Lower Upper
152 100
150 159.7 124.5 186.7
115 62.5 49.0 73.4



#5
2-Fluorophenol
Concen: 99.140 ng
RT: 5.369 min Scan# 558
Delta R.T. -0.006 min
Lab File: BF135758.D
Acq: 13 Oct 2023 18:08

Tgt Ion:112 Resp: 671250
Ion Ratio Lower Upper
112 100
64 70.5 51.2 76.8
63 36.5 26.1 39.1

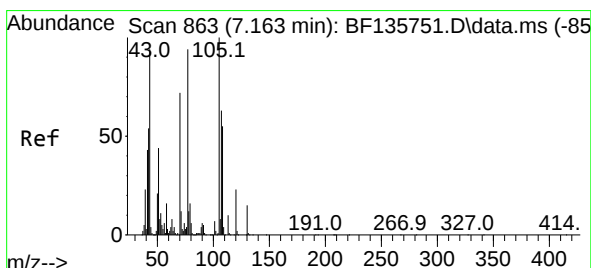
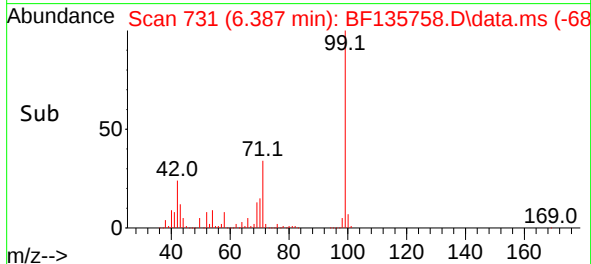
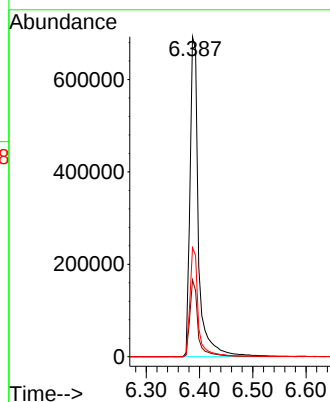
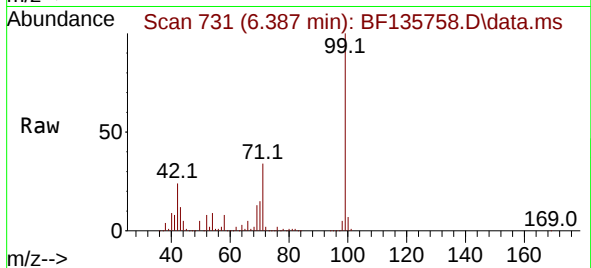




#7
Phenol-d6
Concen: 91.752 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135758.D
Acq: 13 Oct 2023 18:08

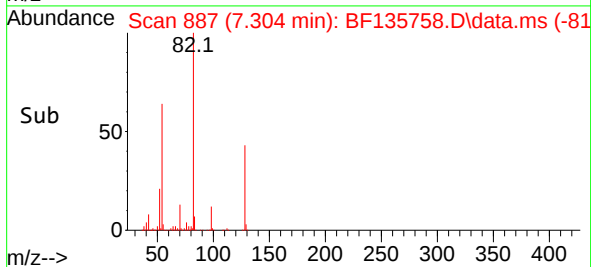
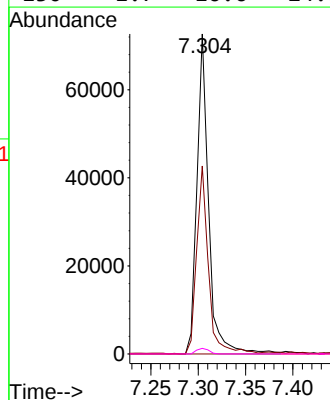
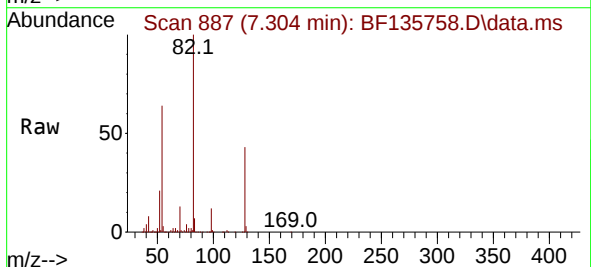
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-06

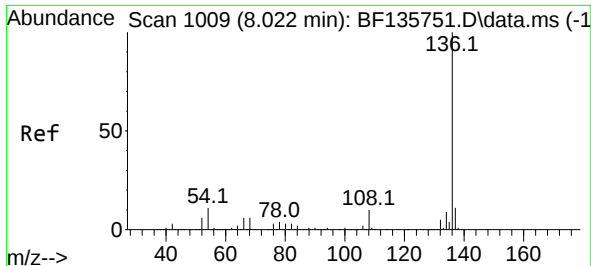
Tgt Ion: 99 Resp: 775123
Ion Ratio Lower Upper
99 100
42 24.0 18.4 27.6
71 34.1 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.997 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF135758.D
Acq: 13 Oct 2023 18:08

Tgt Ion: 70 Resp: 62666
Ion Ratio Lower Upper
70 100
42 58.7 59.8 89.6#
101 0.0 7.4 11.2#
130 1.7 16.6 24.8#

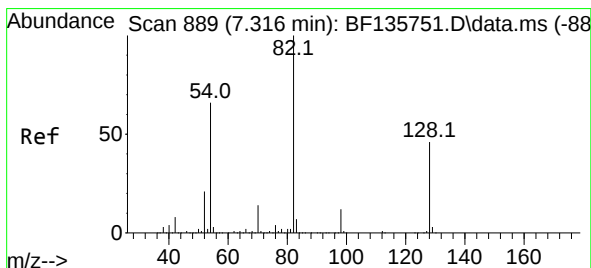
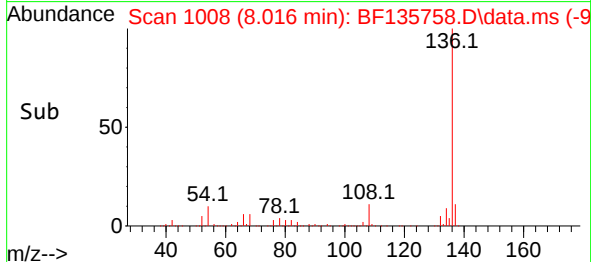
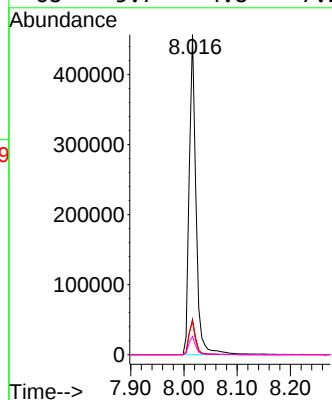
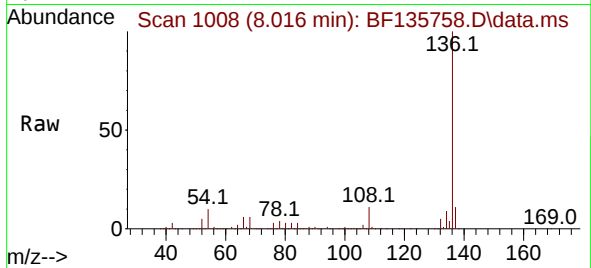




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135758.D
Acq: 13 Oct 2023 18:08

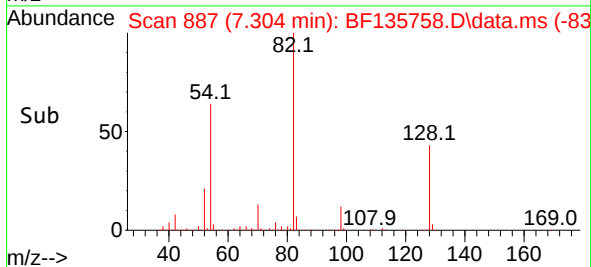
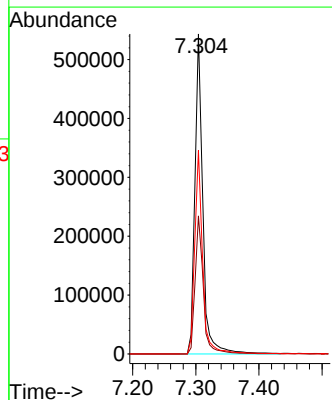
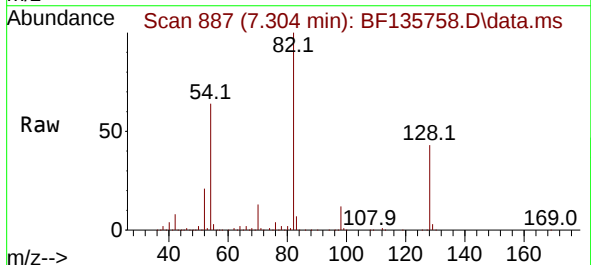
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-06

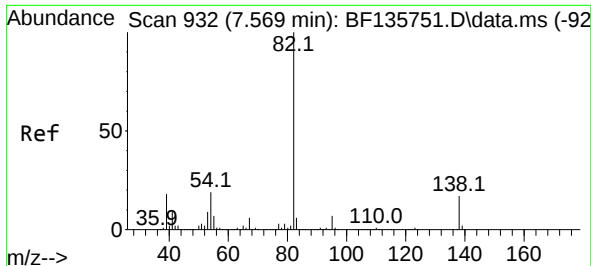
Tgt Ion:136 Resp: 405678
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 10.3 8.5 12.7
68 5.7 4.8 7.2



#23
Nitrobenzene-d5
Concen: 64.476 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF135758.D
Acq: 13 Oct 2023 18:08

Tgt Ion: 82 Resp: 475583
Ion Ratio Lower Upper
82 100
128 43.2 37.0 55.6
54 63.6 52.8 79.2

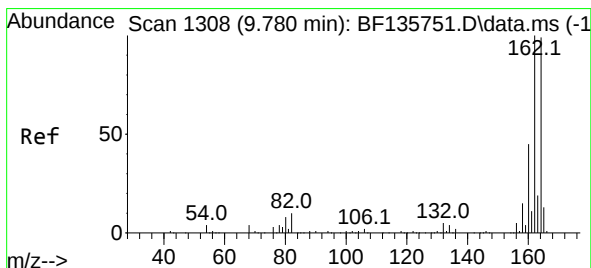
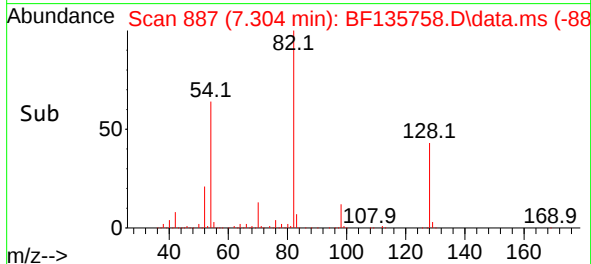
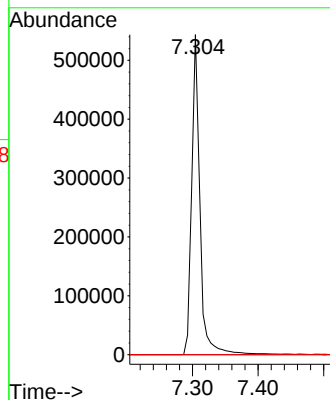
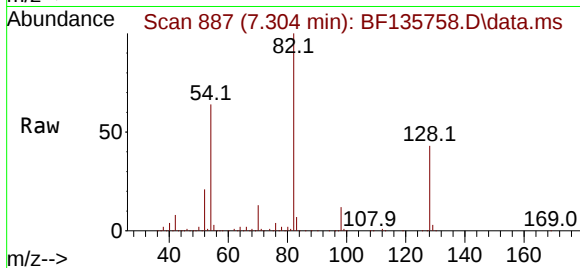




#25
Isophorone
Concen: 34.176 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135758.D
Acq: 13 Oct 2023 18:08

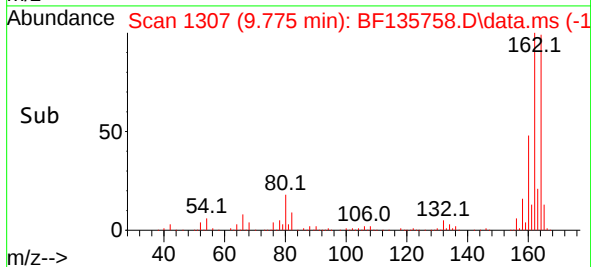
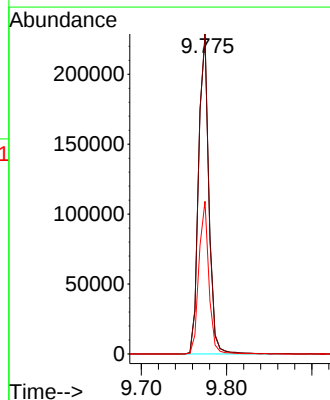
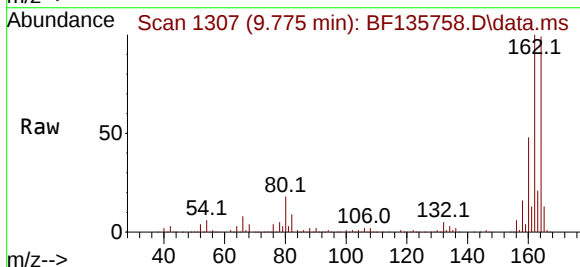
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-06

Tgt Ion: 82 Resp: 475579
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF135758.D
Acq: 13 Oct 2023 18:08

Tgt Ion: 164 Resp: 191528
Ion Ratio Lower Upper
164 100
162 101.0 80.8 121.2
160 48.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 97.840 ng

RT: 10.569 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF135758.D

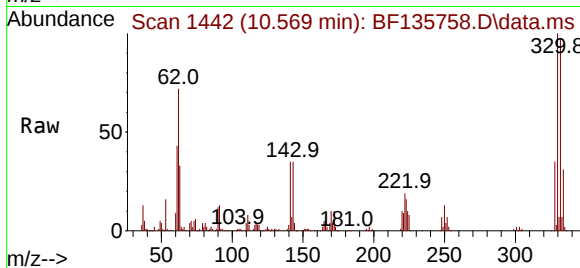
Acq: 13 Oct 2023 18:08

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-06



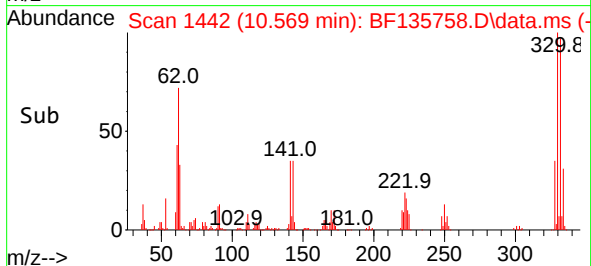
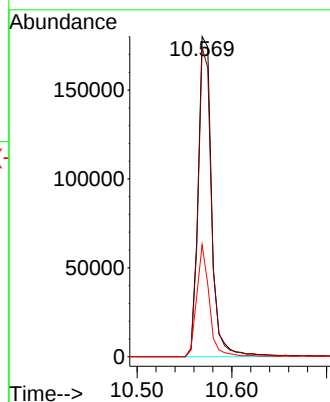
Tgt Ion:330 Resp: 179817

Ion Ratio Lower Upper

330 100

332 96.3 75.0 112.4

141 32.5 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 69.554 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF135758.D

Acq: 13 Oct 2023 18:08

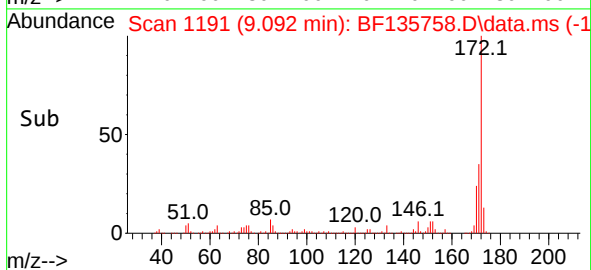
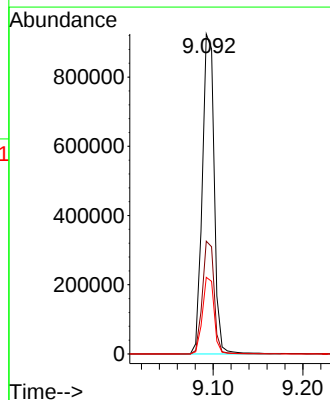
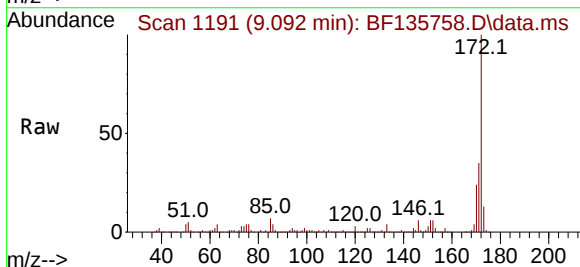
Tgt Ion:172 Resp: 852023

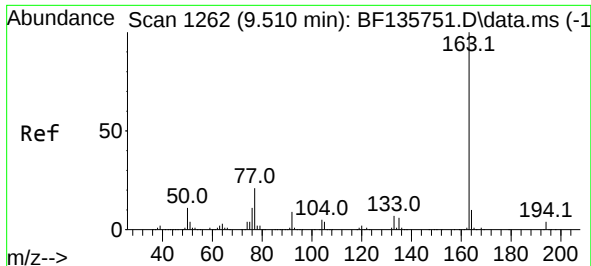
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 24.0 18.8 28.2

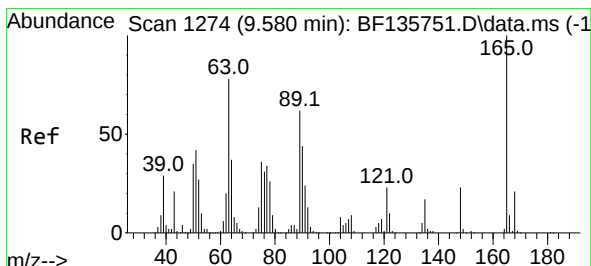
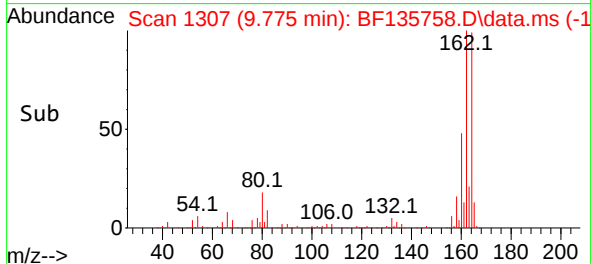
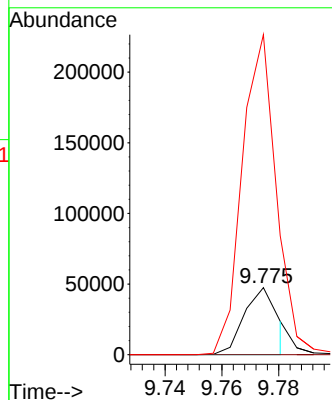
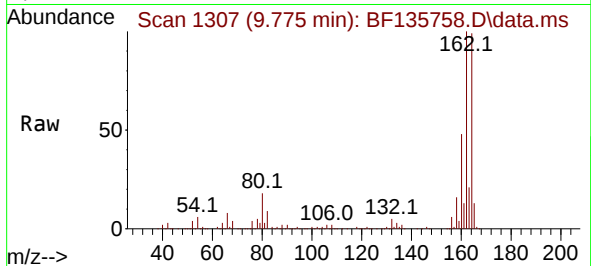




#50
Dimethylphthalate
Concen: 2.989 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135758.D
Acq: 13 Oct 2023 18:08

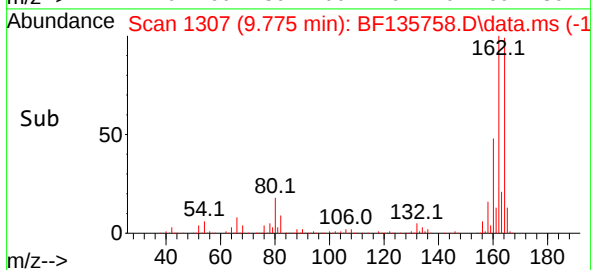
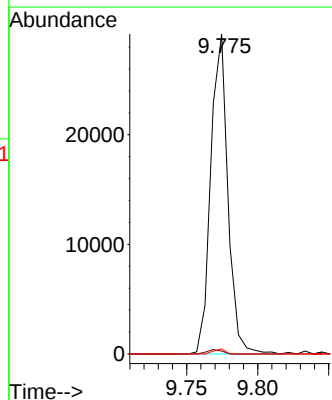
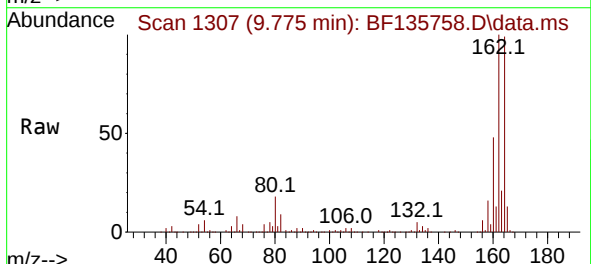
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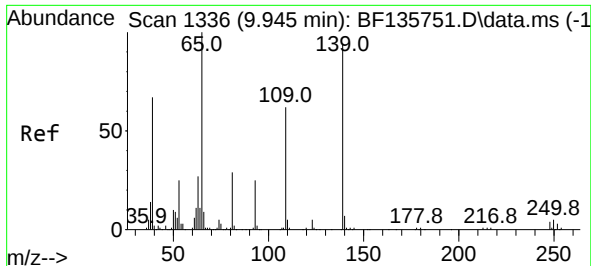
Tgt Ion:163 Resp: 38648
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 477.5 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.826 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.194 min
Lab File: BF135758.D
Acq: 13 Oct 2023 18:08

Tgt Ion:165 Resp: 24541
Ion Ratio Lower Upper
165 100
63 0.9 62.2 93.4#
89 1.5 49.6 74.4#

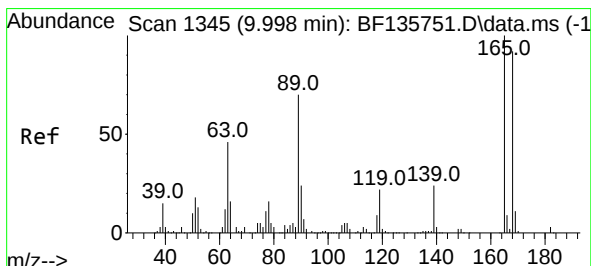
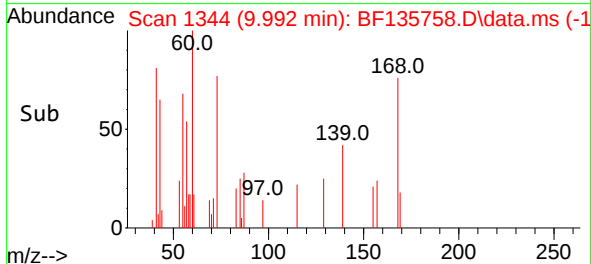
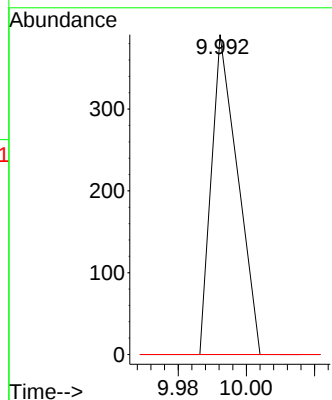
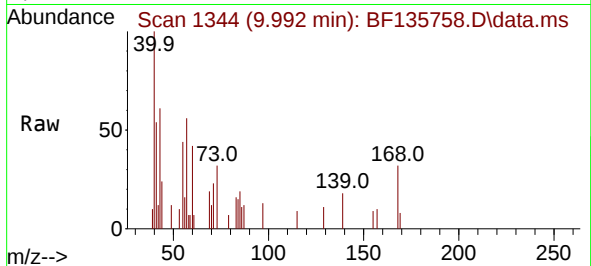




#56
4-Nitrophenol
Concen: 5.616 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.047 min
Lab File: BF135758.D
Acq: 13 Oct 2023 18:08

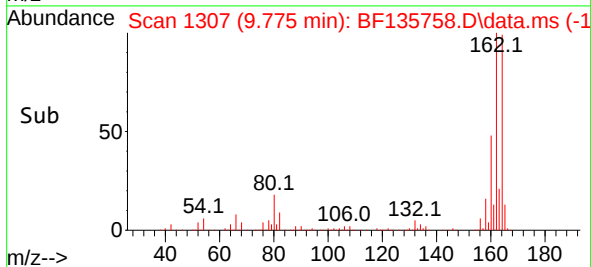
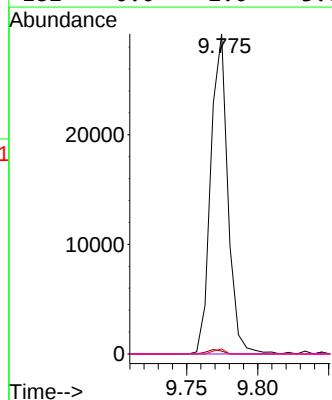
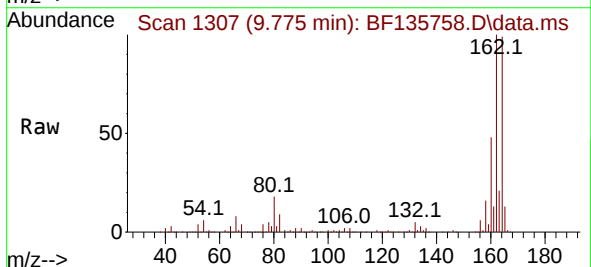
Instrument :
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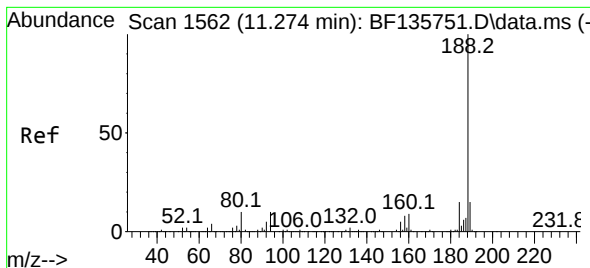
Tgt Ion:139 Resp: 208
Ion Ratio Lower Upper
139 100
109 0.0 45.6 85.6#
65 0.0 87.5 127.5#



#57
2,4-Dinitrotoluene
Concen: 6.938 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.223 min
Lab File: BF135758.D
Acq: 13 Oct 2023 18:08

Tgt Ion:165 Resp: 24541
Ion Ratio Lower Upper
165 100
63 0.9 39.0 58.4#
89 1.5 55.9 83.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135758.D

Acq: 13 Oct 2023 18:08

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-06

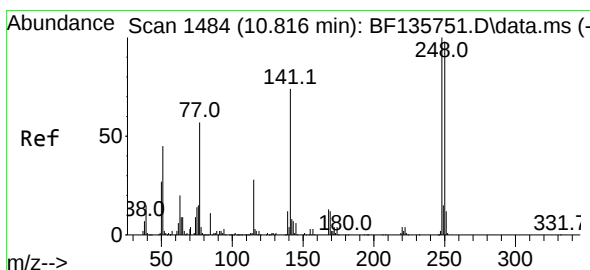
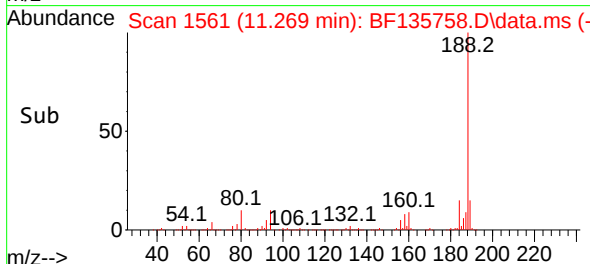
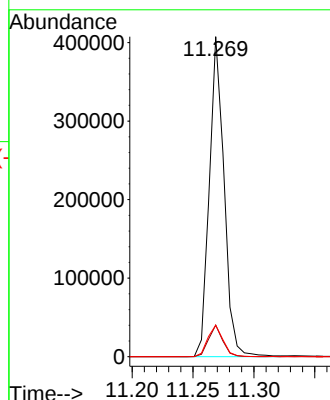
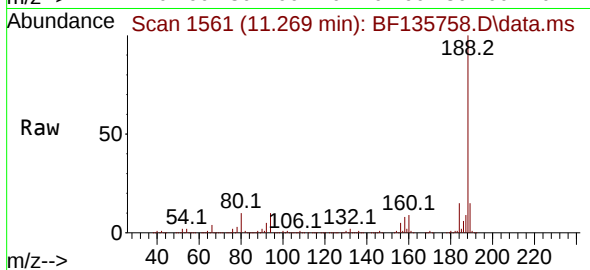
Tgt Ion:188 Resp: 344457

Ion Ratio Lower Upper

188 100

94 9.9 8.0 12.0

80 9.8 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 3.211 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.247 min

Lab File: BF135758.D

Acq: 13 Oct 2023 18:08

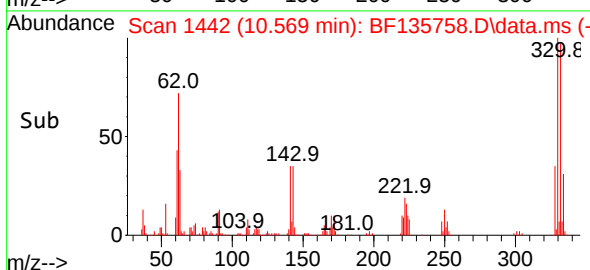
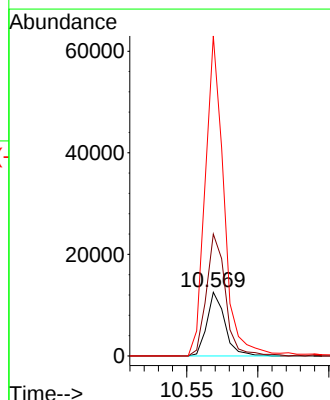
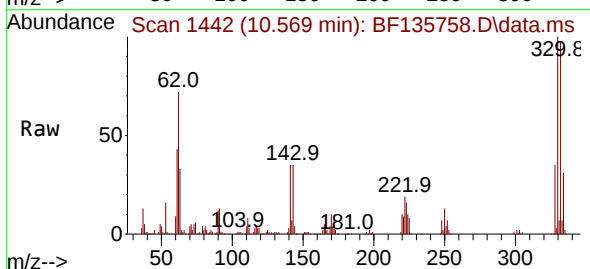
Tgt Ion:248 Resp: 11103

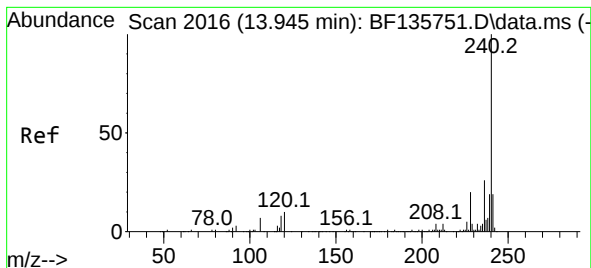
Ion Ratio Lower Upper

248 100

250 191.3 78.0 117.0#

141 502.0 59.0 88.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BF135758.D

Acq: 13 Oct 2023 18:08

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-06

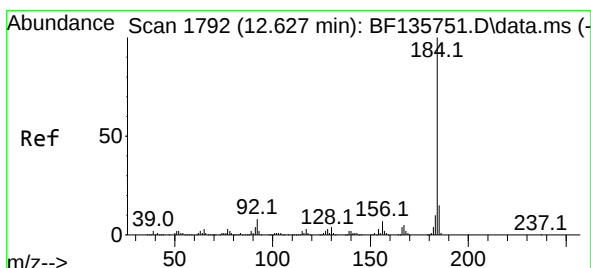
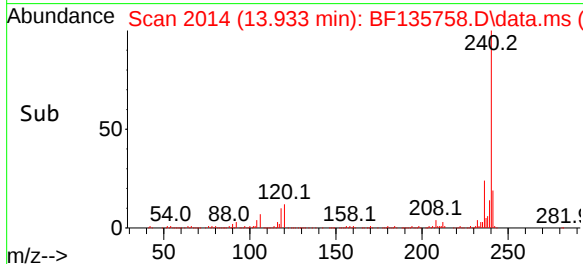
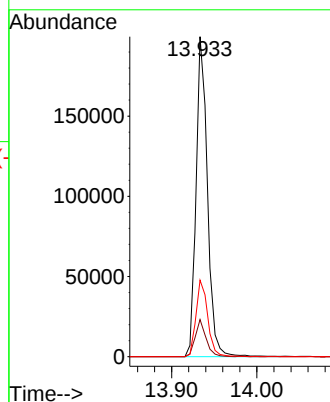
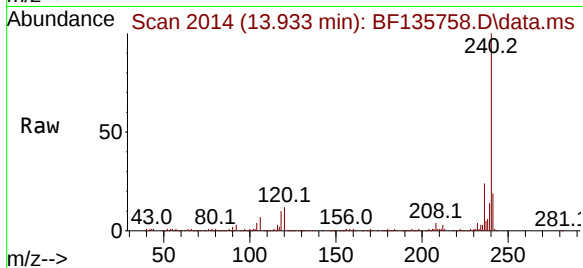
Tgt Ion:240 Resp: 184711

Ion Ratio Lower Upper

240 100

120 11.6 8.2 12.2

236 23.9 21.2 31.8



#77

Benzidine

Concen: 2.347 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.236 min

Lab File: BF135758.D

Acq: 13 Oct 2023 18:08

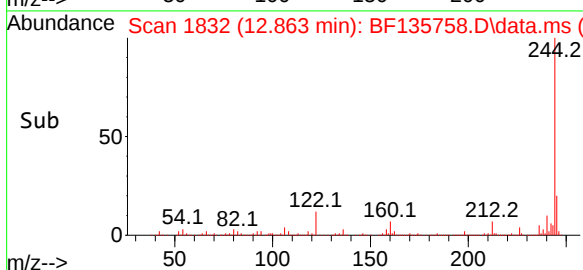
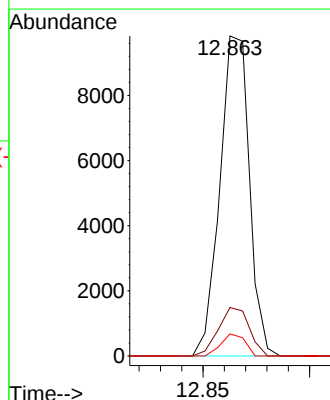
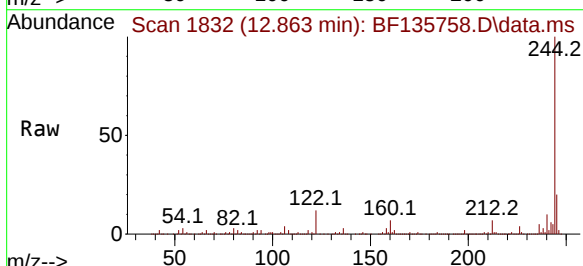
Tgt Ion:184 Resp: 9458

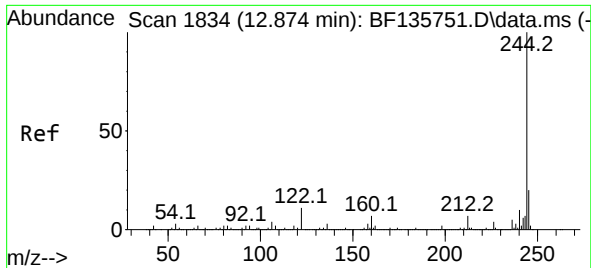
Ion Ratio Lower Upper

184 100

185 15.2 12.0 18.0

183 6.9 8.2 12.2#

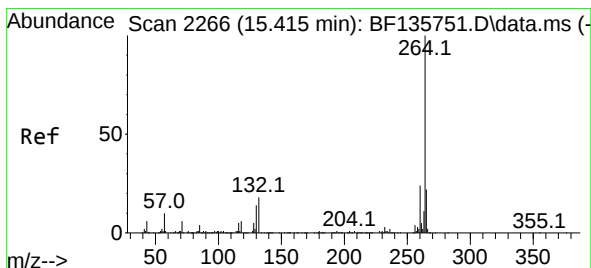
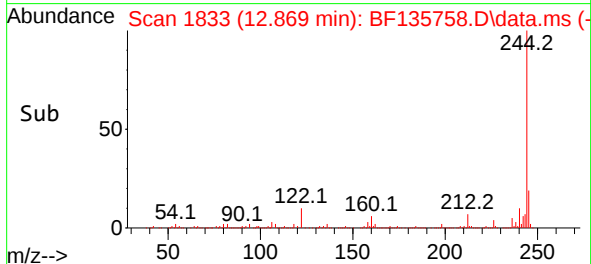
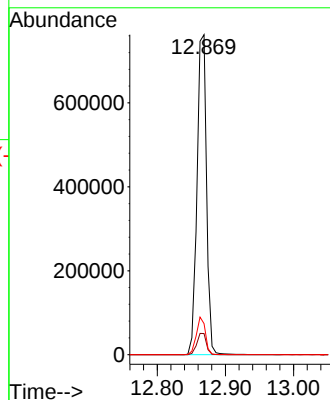
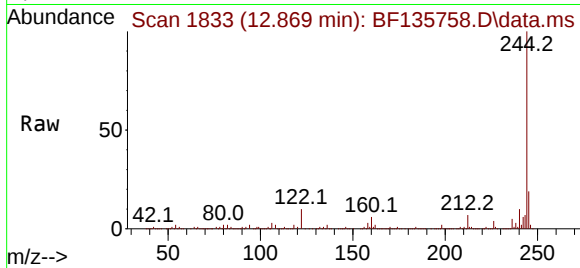




#79
 Terphenyl-d14
 Concen: 74.045 ng
 RT: 12.869 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135758.D
 Acq: 13 Oct 2023 18:08

Instrument :
 BNA_F
 ClientSampleId :
 OR-603-COMP-06

Tgt Ion:244 Resp: 738535
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 9.7 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. -0.006 min
 Lab File: BF135758.D
 Acq: 13 Oct 2023 18:08

Tgt Ion:264 Resp: 224177
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 22.4 17.4 26.2

