

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
 Data File : BF135759.D
 Acq On : 13 Oct 2023 18:39
 Operator : CG\JU
 Sample : 04844-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-603-COMP-07

Quant Time: Oct 13 19:02:00 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)

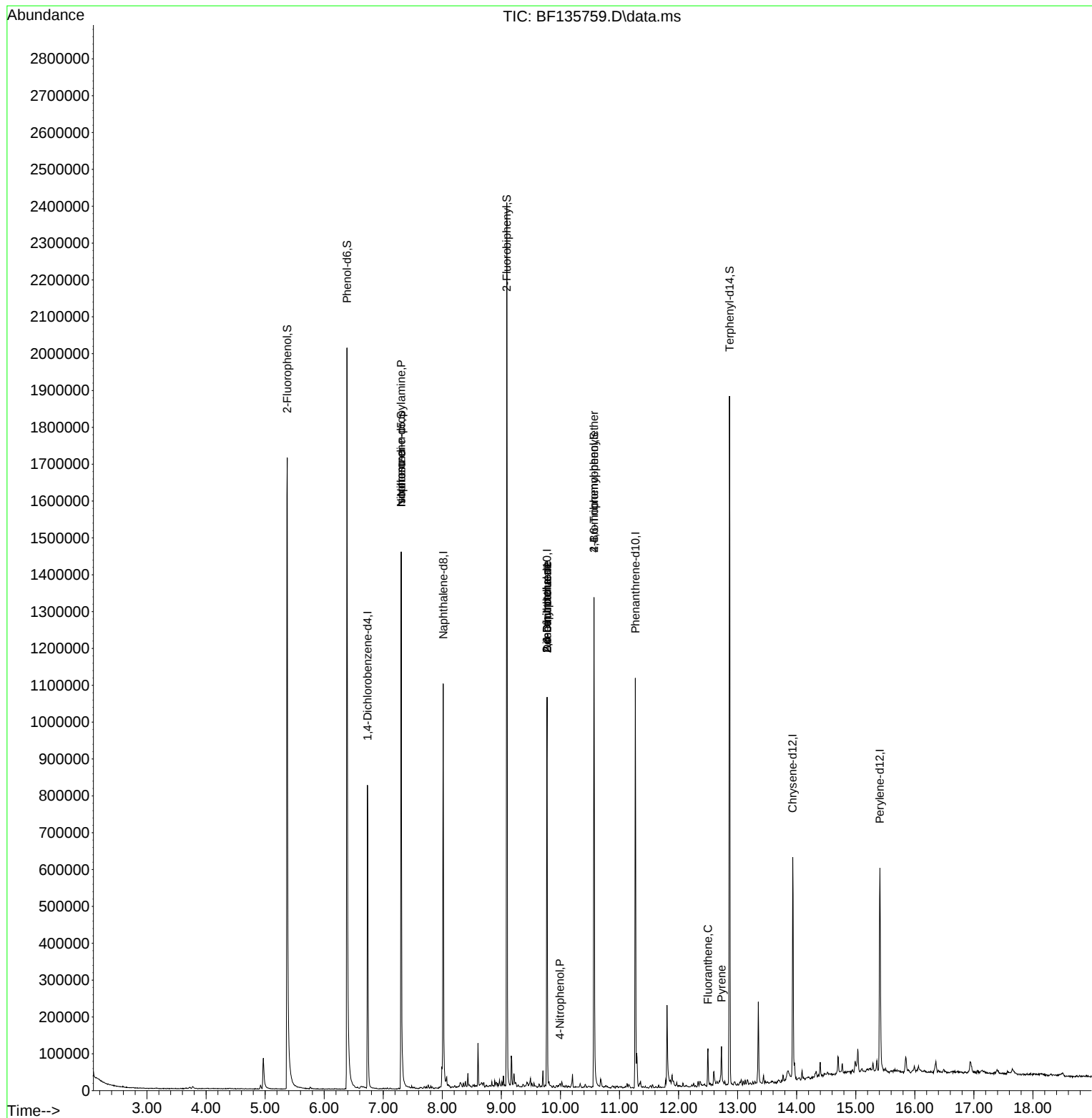
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	122721	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	462540	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	206265	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	389626	20.000	ng	0.00
76) Chrysene-d12	13.933	240	205374	20.000	ng	-0.01
86) Perylene-d12	15.409	264	254951	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	576294	75.500	ng	0.00
7) Phenol-d6	6.387	99	682647	71.677	ng	-0.01
23) Nitrobenzene-d5	7.304	82	418694	49.786	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	150170	75.871	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	704971	53.438	ng	-0.01
79) Terphenyl-d14	12.863	244	657809	59.316	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	54850	9.314	ng	# 78
25) Isophorone	7.304	82	418691	26.389	ng	# 66
50) Dimethylphthalate	9.775	163	40388	2.901	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	26668	8.906	ng	# 16
56) 4-Nitrophenol	9.992	139	579	5.813	ng	# 5
57) 2,4-Dinitrotoluene	9.775	165	26668	7.001	ng	# 24
67) 4-Bromophenyl-phenylether	10.569	248	9784	2.502	ng	# 1
75) Fluoranthene	12.498	202	44476	2.147	ng	97
78) Pyrene	12.727	202	42635	2.612	ng	98

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

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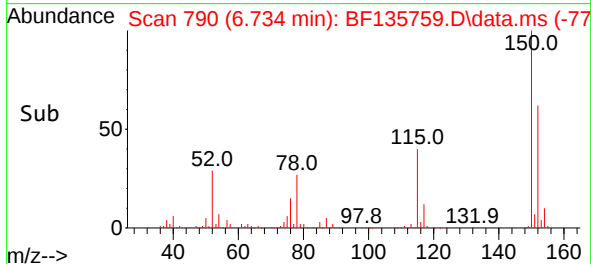
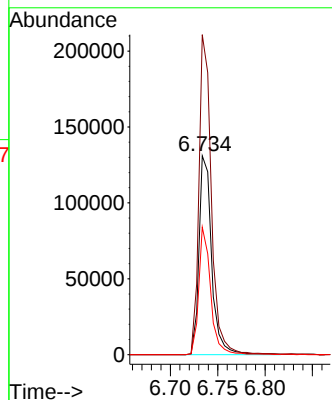
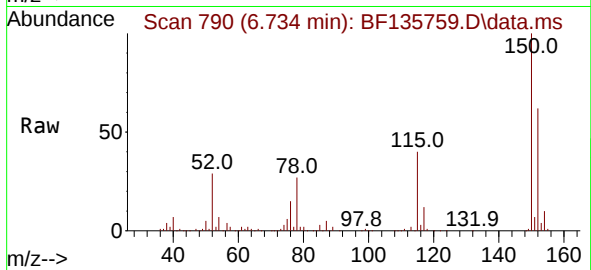




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 791
 Delta R.T. -0.005 min
 Lab File: BF135759.D
 Acq: 13 Oct 2023 18:39

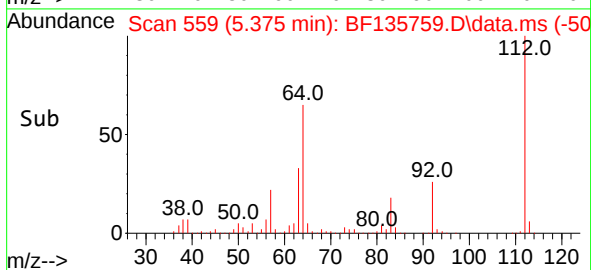
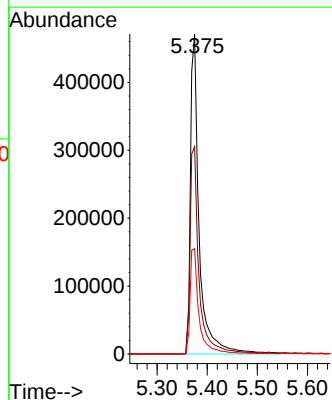
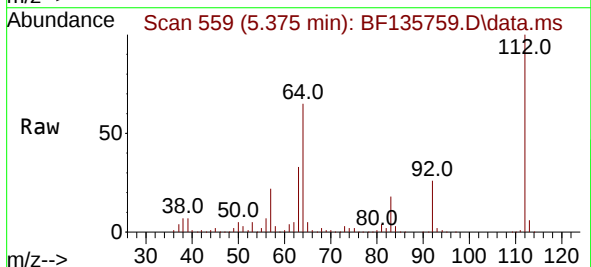
Instrument :
 BNA_F
 ClientSampleId :
 OR-603-COMP-07

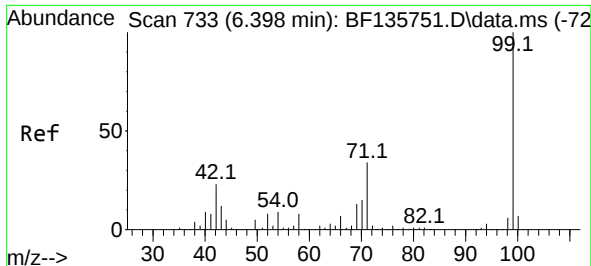
Tgt Ion:152 Resp: 122721
 Ion Ratio Lower Upper
 152 100
 150 160.9 124.5 186.7
 115 64.2 49.0 73.4



#5
 2-Fluorophenol
 Concen: 75.500 ng
 RT: 5.375 min Scan# 559
 Delta R.T. 0.000 min
 Lab File: BF135759.D
 Acq: 13 Oct 2023 18:39

Tgt Ion:112 Resp: 576294
 Ion Ratio Lower Upper
 112 100
 64 64.7 51.2 76.8
 63 32.9 26.1 39.1

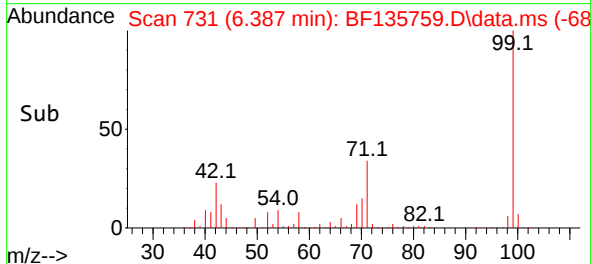
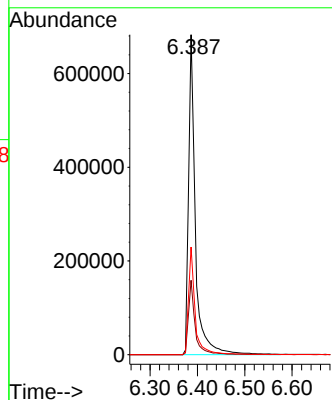
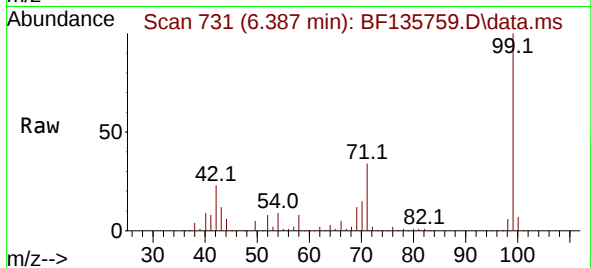




#7
Phenol-d6
Concen: 71.677 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135759.D
Acq: 13 Oct 2023 18:39

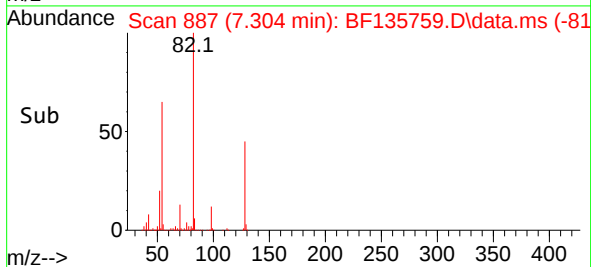
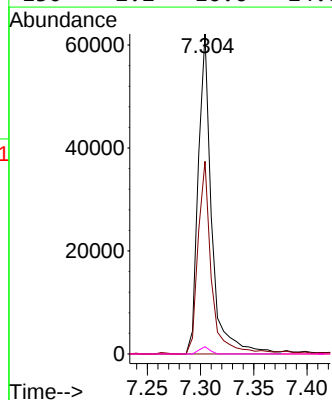
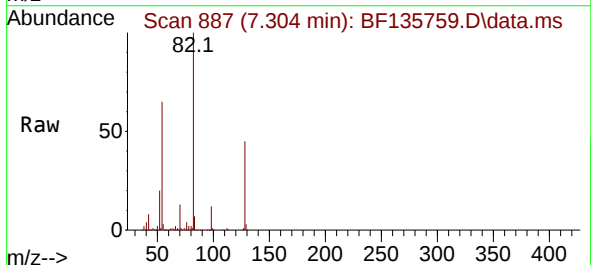
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-07

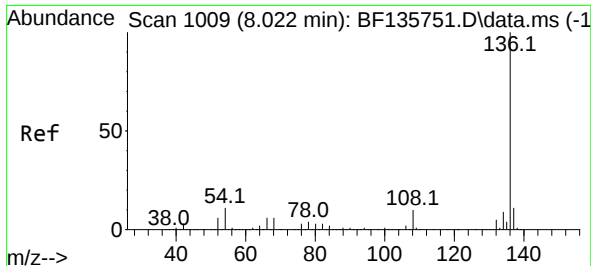
Tgt Ion: 99 Resp: 682647
Ion Ratio Lower Upper
99 100
42 23.3 18.4 27.6
71 33.7 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 9.314 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF135759.D
Acq: 13 Oct 2023 18:39

Tgt Ion: 70 Resp: 54850
Ion Ratio Lower Upper
70 100
42 60.2 59.8 89.6
101 0.0 7.4 11.2#
130 2.2 16.6 24.8#

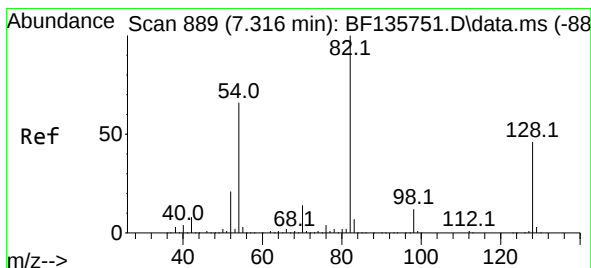
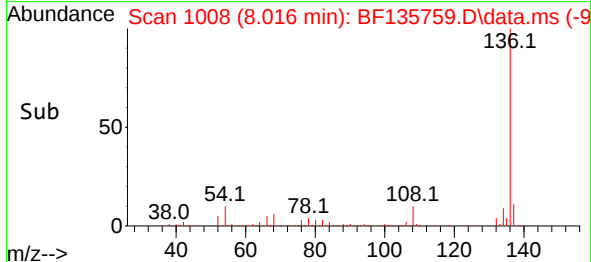
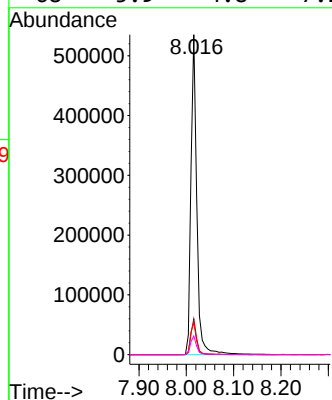
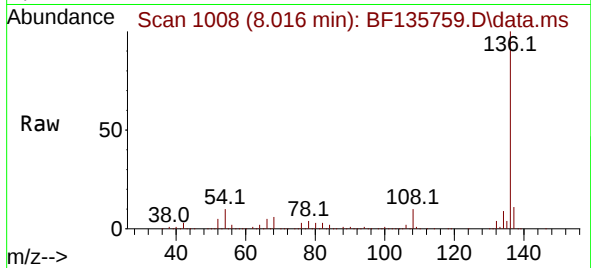




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135759.D
Acq: 13 Oct 2023 18:39

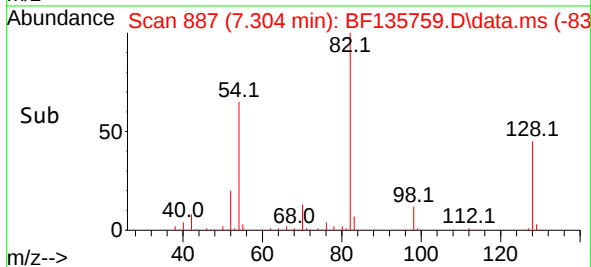
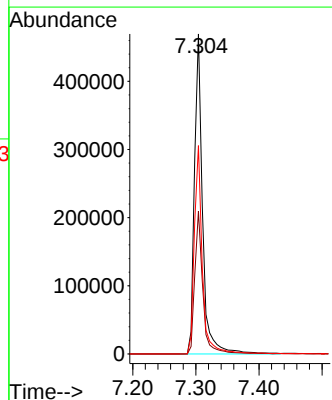
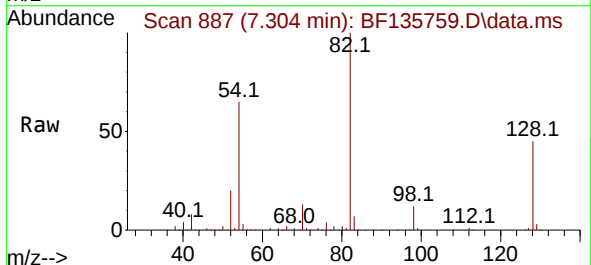
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-07

Tgt Ion:136 Resp: 462540
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 10.0 8.5 12.7
68 5.9 4.8 7.2



#23
Nitrobenzene-d5
Concen: 49.786 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF135759.D
Acq: 13 Oct 2023 18:39

Tgt Ion: 82 Resp: 418694
Ion Ratio Lower Upper
82 100
128 44.7 37.0 55.6
54 65.1 52.8 79.2

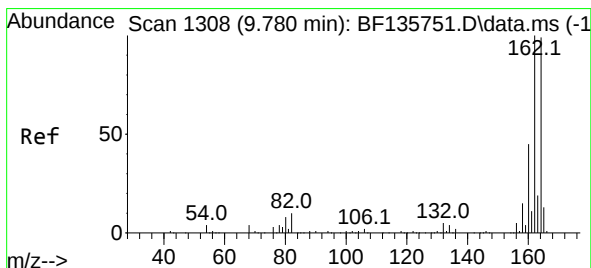
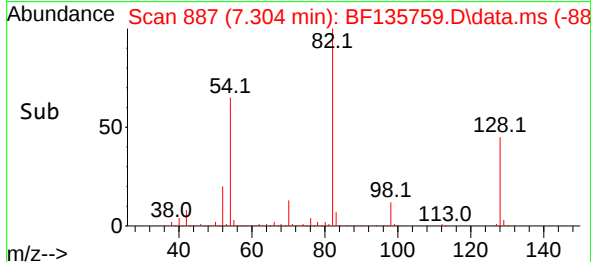
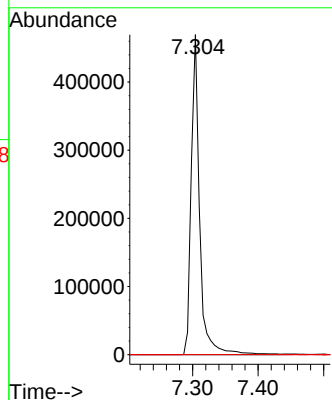
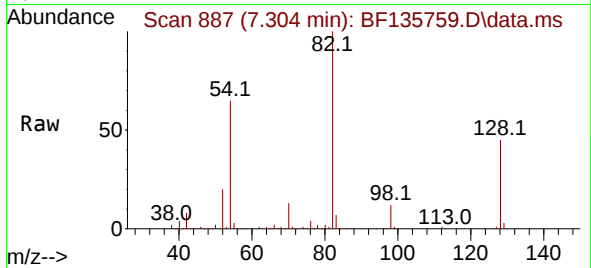




#25
Isophorone
Concen: 26.389 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135759.D
Acq: 13 Oct 2023 18:39

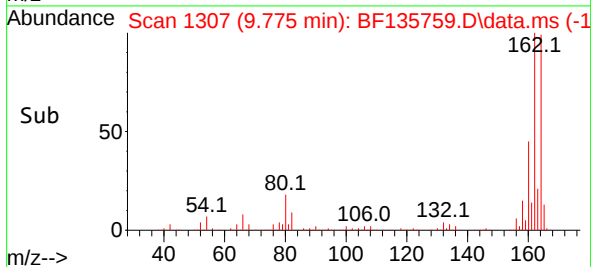
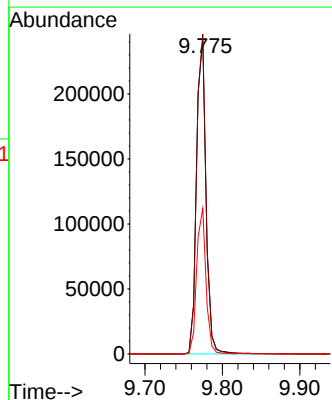
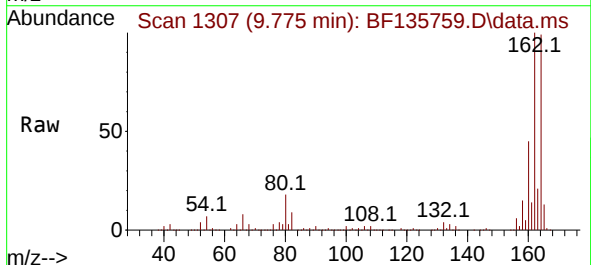
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-07

Tgt Ion: 82 Resp: 418691
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: BF135759.D
Acq: 13 Oct 2023 18:39

Tgt Ion:164 Resp: 206265
Ion Ratio Lower Upper
164 100
162 101.4 80.8 121.2
160 46.1 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 75.871 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.012 min

Lab File: BF135759.D

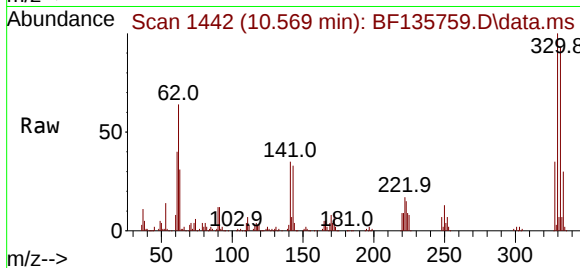
Acq: 13 Oct 2023 18:39

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-07



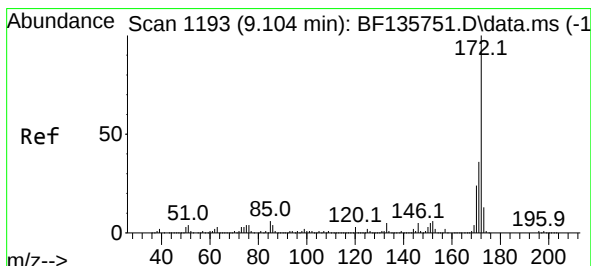
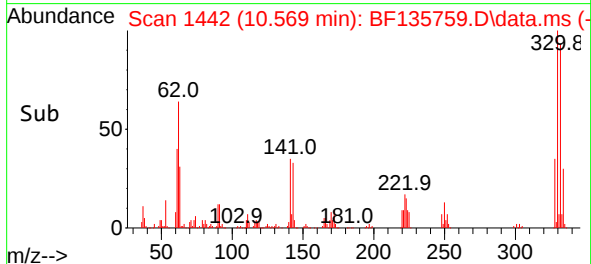
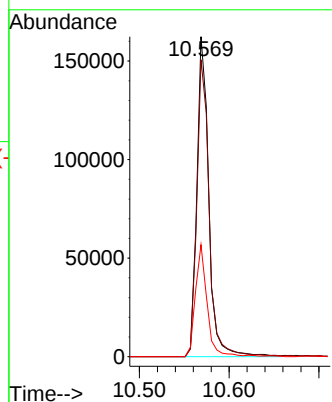
Tgt Ion:330 Resp: 150170

Ion Ratio Lower Upper

330 100

332 96.3 75.0 112.4

141 34.6 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 53.438 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF135759.D

Acq: 13 Oct 2023 18:39

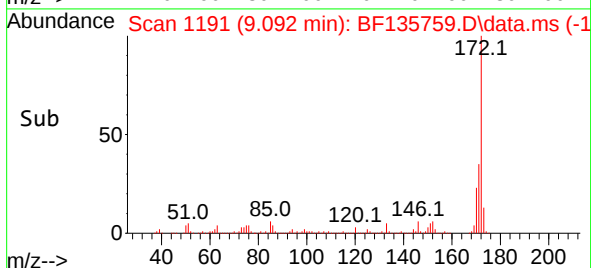
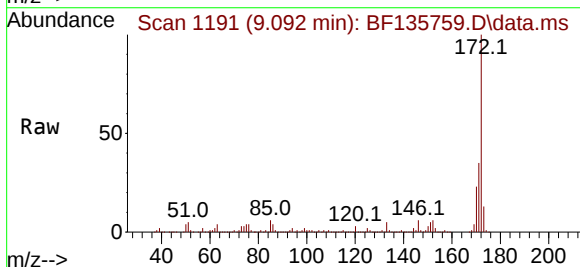
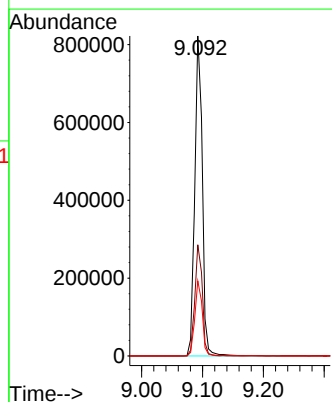
Tgt Ion:172 Resp: 704971

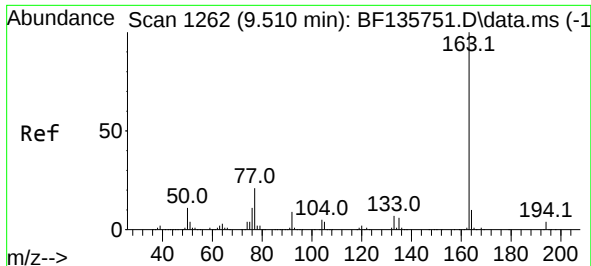
Ion Ratio Lower Upper

172 100

171 34.7 28.4 42.6

170 23.4 18.8 28.2

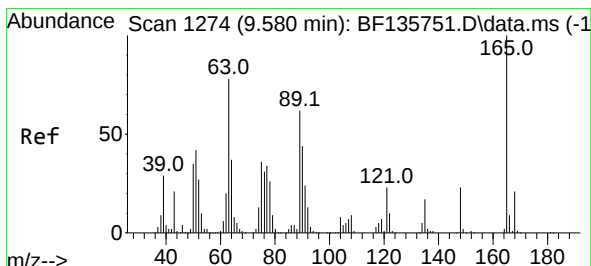
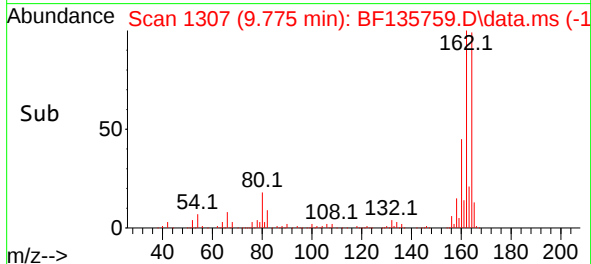
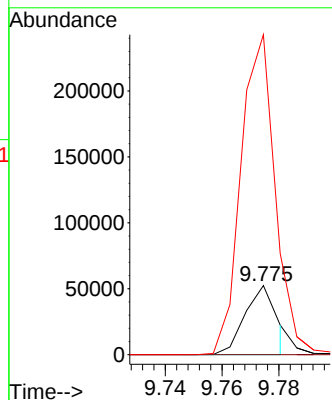
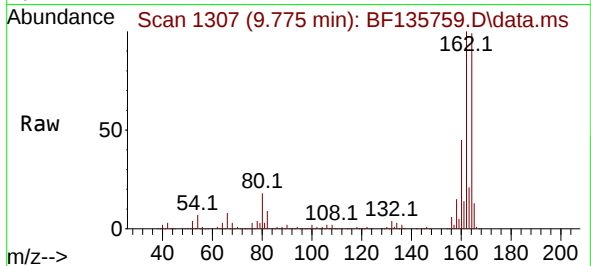




#50
Dimethylphthalate
Concen: 2.901 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135759.D
Acq: 13 Oct 2023 18:39

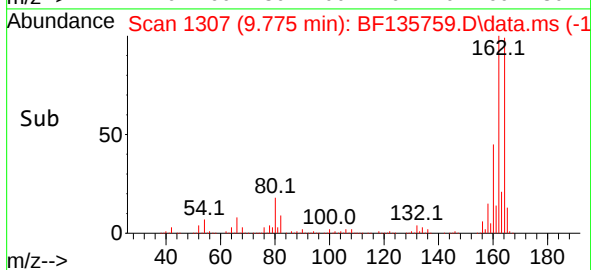
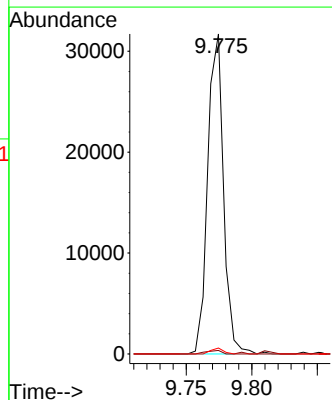
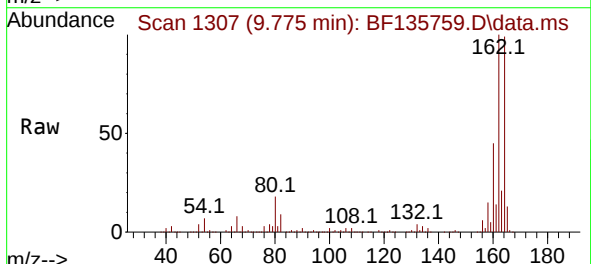
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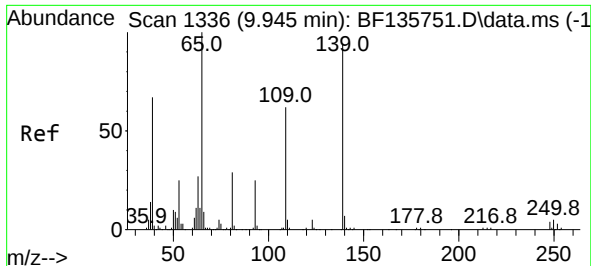
Tgt Ion:163 Resp: 40388
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 462.7 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.906 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.194 min
Lab File: BF135759.D
Acq: 13 Oct 2023 18:39

Tgt Ion:165 Resp: 26668
Ion Ratio Lower Upper
165 100
63 1.1 62.2 93.4#
89 1.9 49.6 74.4#

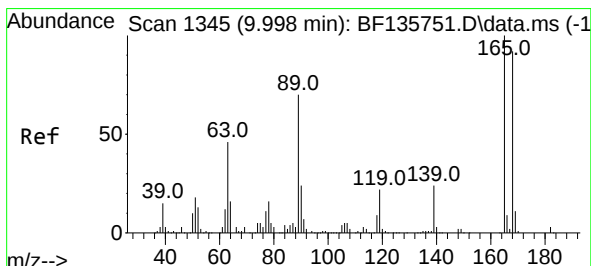
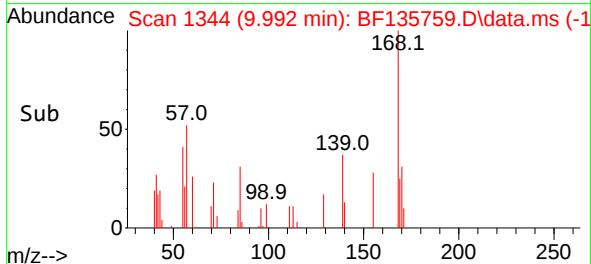
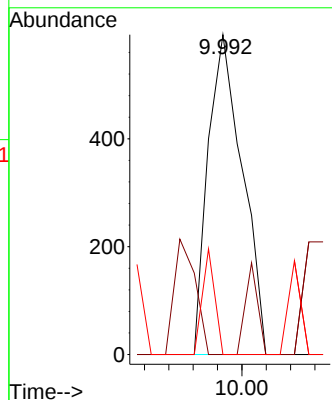
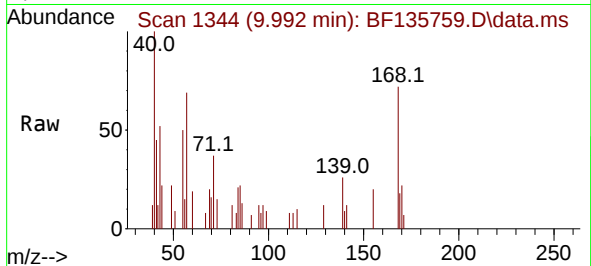




#56
4-Nitrophenol
Concen: 5.813 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.047 min
Lab File: BF135759.D
Acq: 13 Oct 2023 18:39

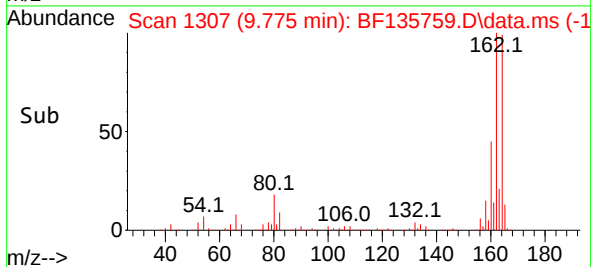
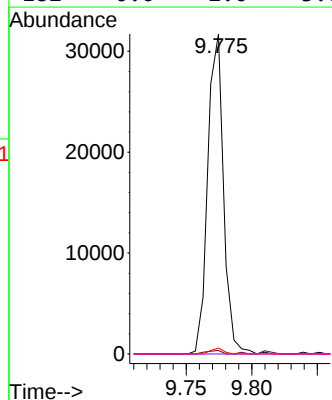
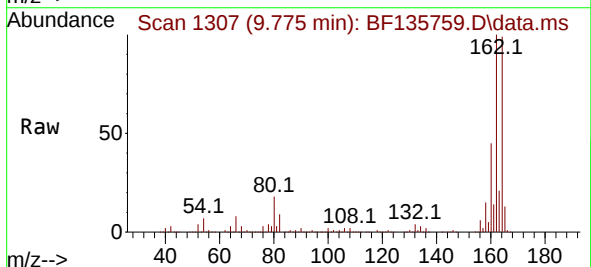
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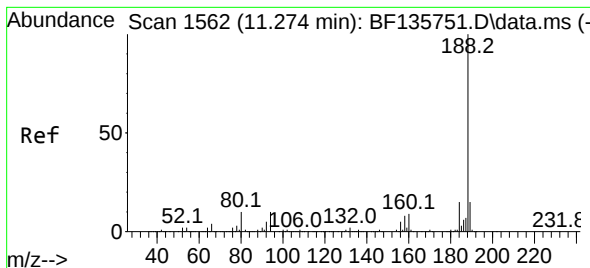
Tgt Ion:139 Resp: 579
Ion Ratio Lower Upper
139 100
109 0.0 45.6 85.6#
65 0.0 87.5 127.5#



#57
2,4-Dinitrotoluene
Concen: 7.001 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.223 min
Lab File: BF135759.D
Acq: 13 Oct 2023 18:39

Tgt Ion:165 Resp: 26668
Ion Ratio Lower Upper
165 100
63 1.1 39.0 58.4#
89 1.9 55.9 83.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135759.D

Acq: 13 Oct 2023 18:39

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-07

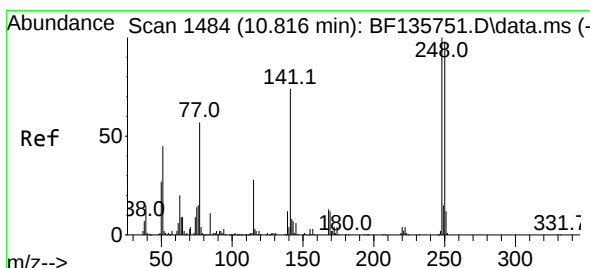
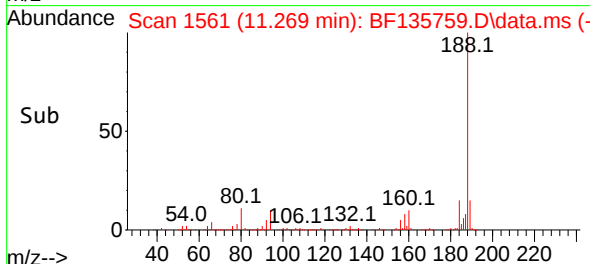
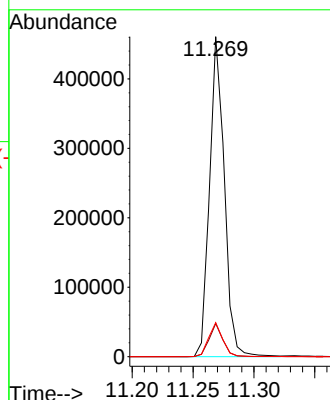
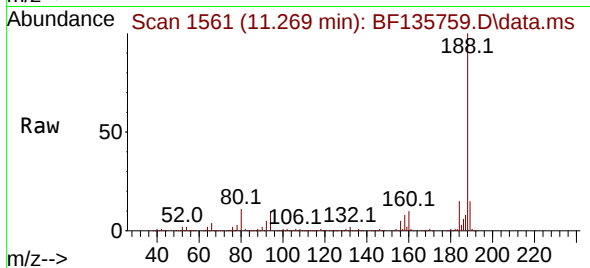
Tgt Ion:188 Resp: 389626

Ion Ratio Lower Upper

188 100

94 10.3 8.0 12.0

80 10.6 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 2.502 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.247 min

Lab File: BF135759.D

Acq: 13 Oct 2023 18:39

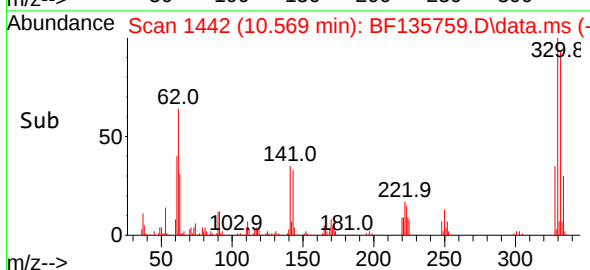
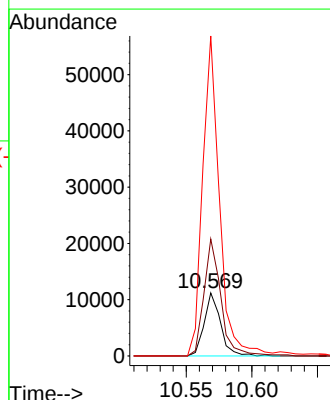
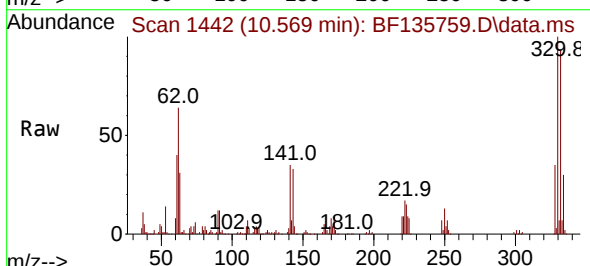
Tgt Ion:248 Resp: 9784

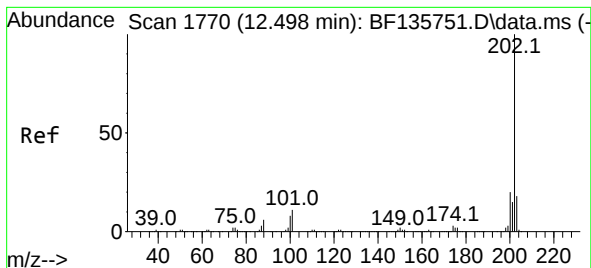
Ion Ratio Lower Upper

248 100

250 185.4 78.0 117.0#

141 507.1 59.0 88.6#





#75

Fluoranthene

Concen: 2.147 ng

RT: 12.498 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135759.D

Acq: 13 Oct 2023 18:39

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-07

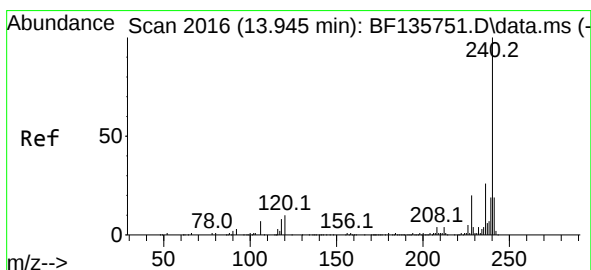
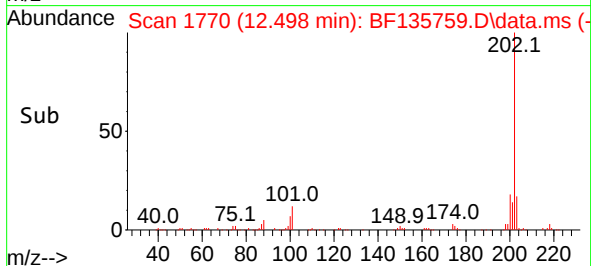
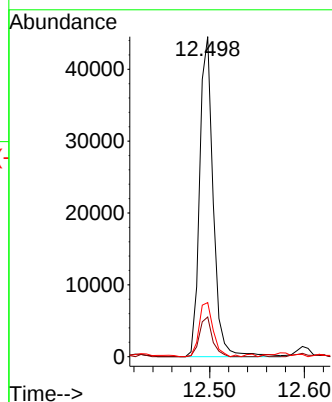
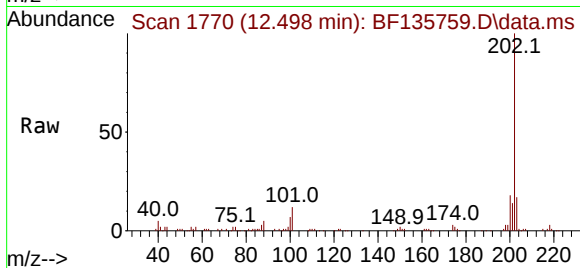
Tgt Ion:202 Resp: 44476

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.5

203 16.9 0.0 38.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF135759.D

Acq: 13 Oct 2023 18:39

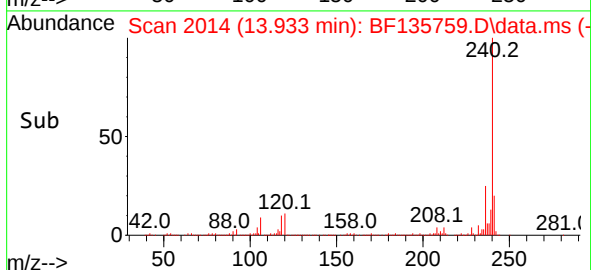
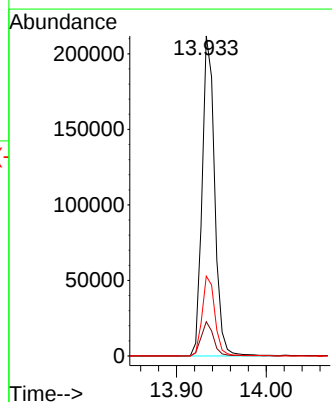
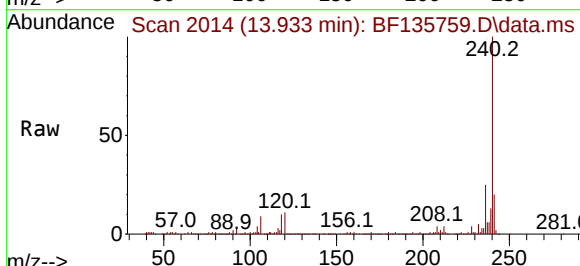
Tgt Ion:240 Resp: 205374

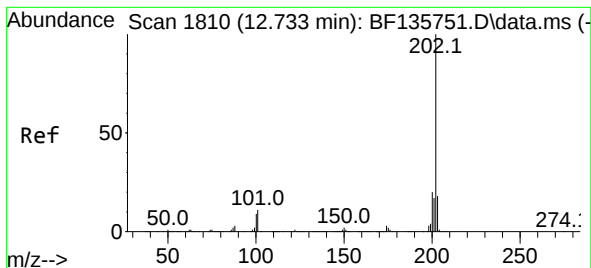
Ion Ratio Lower Upper

240 100

120 10.7 8.2 12.2

236 24.9 21.2 31.8





#78

Pyrene

Concen: 2.612 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.006 min

Lab File: BF135759.D

Acq: 13 Oct 2023 18:39

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-07

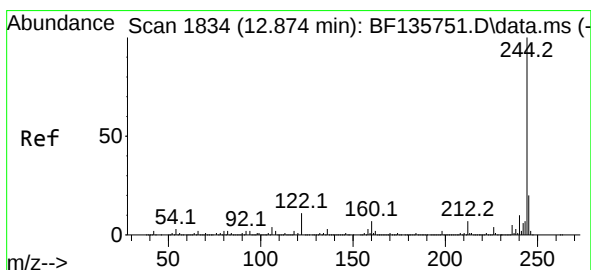
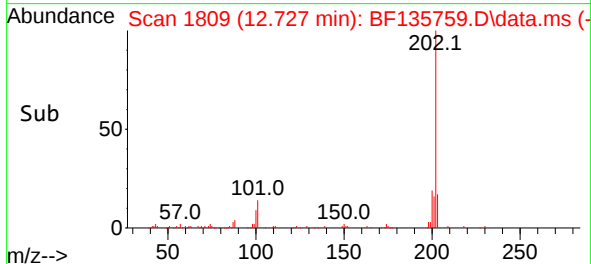
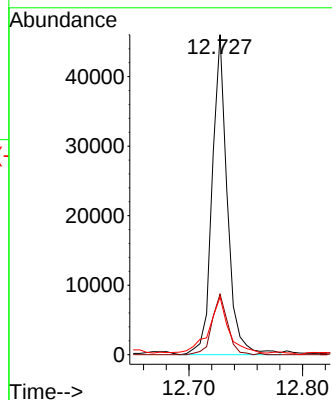
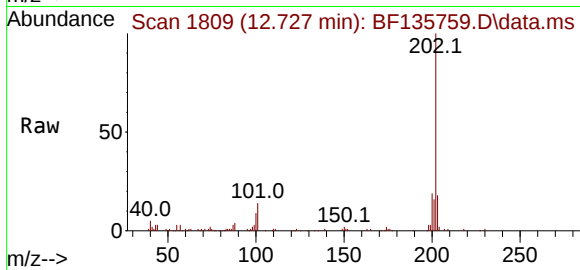
Tgt Ion:202 Resp: 42635

Ion Ratio Lower Upper

202 100

200 18.9 16.1 24.1

203 18.0 14.2 21.2



#79

Terphenyl-d14

Concen: 59.316 ng

RT: 12.863 min Scan# 1832

Delta R.T. -0.012 min

Lab File: BF135759.D

Acq: 13 Oct 2023 18:39

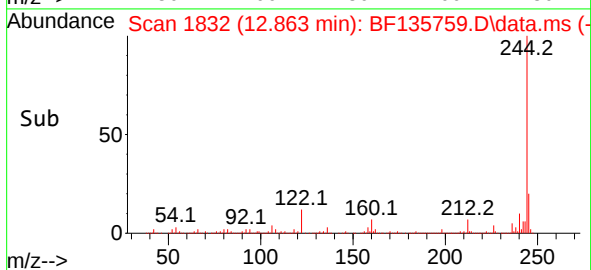
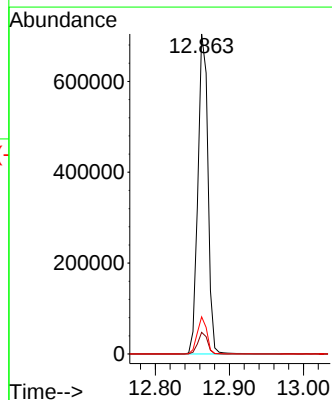
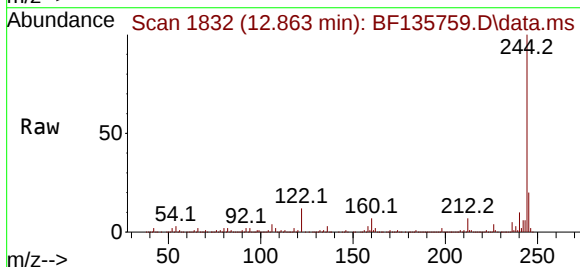
Tgt Ion:244 Resp: 657809

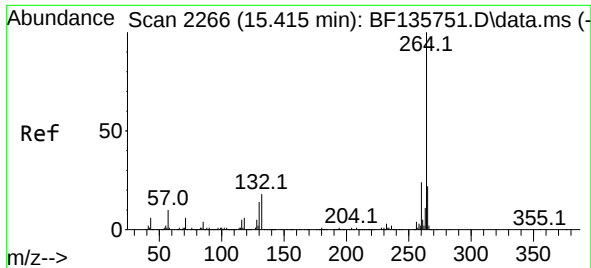
Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

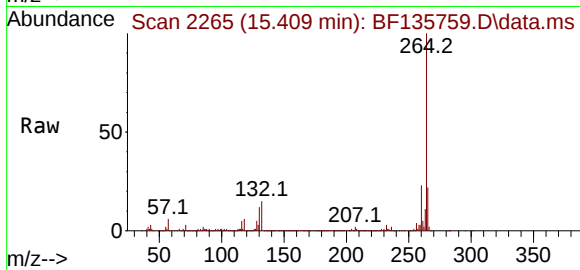
122 11.6 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF135759.D
 Acq: 13 Oct 2023 18:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-603-COMP-07



Tgt Ion:264 Resp: 254951
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.8 17.4 26.2

