

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
 Data File : BF135757.D
 Acq On : 13 Oct 2023 17:36
 Operator : CG\JU
 Sample : 04844-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-603-COMP-08

Quant Time: Oct 13 20:11:39 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)

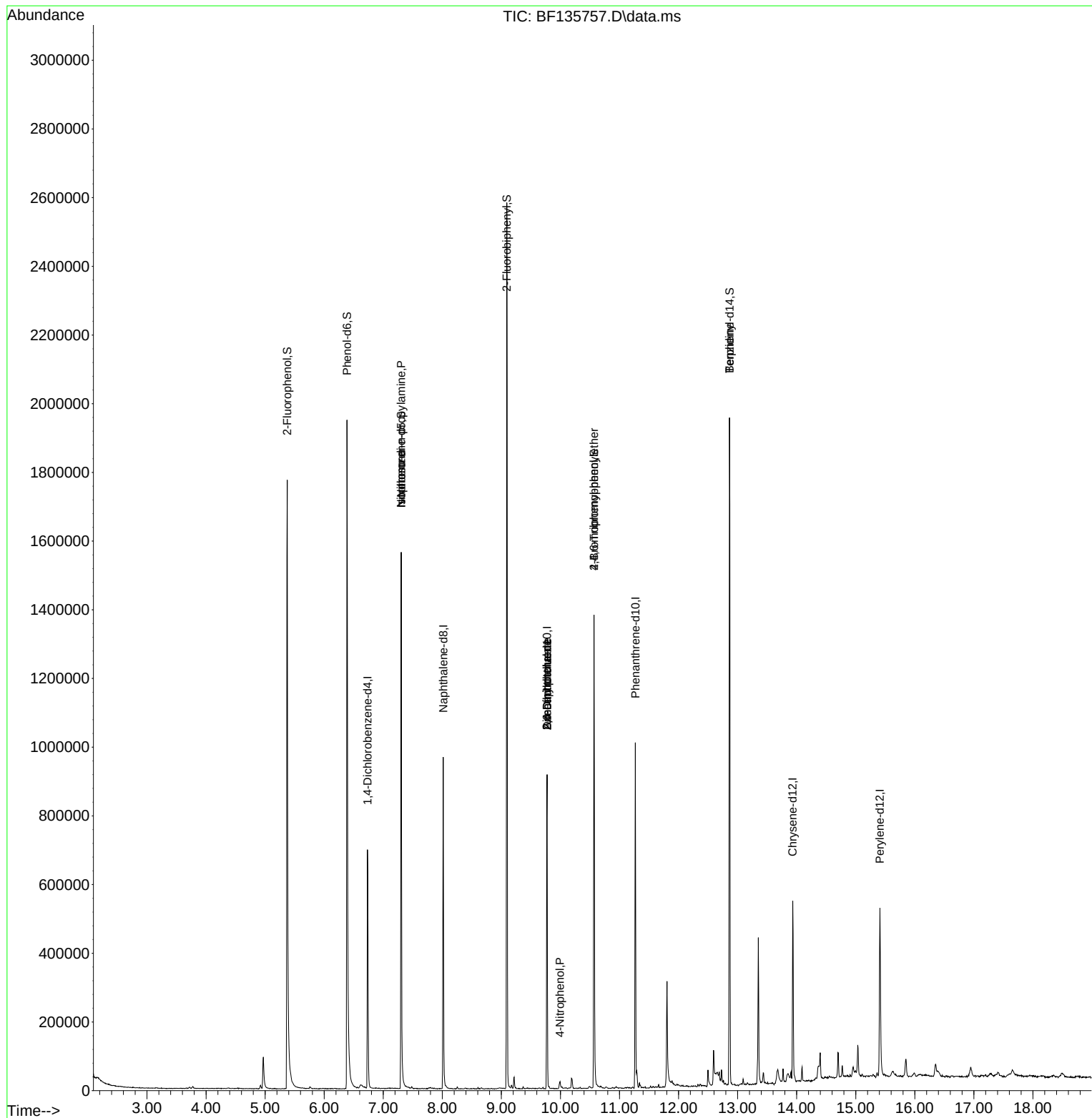
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	106183	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	393296	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	184934	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	341150	20.000	ng	0.00
76) Chrysene-d12	13.933	240	186887	20.000	ng	-0.01
86) Perylene-d12	15.409	264	216344	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	582823	88.247	ng	0.00
7) Phenol-d6	6.387	99	694417	84.268	ng	-0.01
23) Nitrobenzene-d5	7.304	82	428455	59.916	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	154534	87.082	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	772654	65.323	ng	-0.01
79) Terphenyl-d14	12.863	244	695602	68.929	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	56918	11.171	ng	# 77
25) Isophorone	7.304	82	428451	31.759	ng	# 66
50) Dimethylphthalate	9.775	163	36192	2.899	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	23487	8.749	ng	# 16
56) 4-Nitrophenol	9.992	139	168	5.596	ng	# 5
57) 2,4-Dinitrotoluene	9.775	165	23487	6.877	ng	# 23
67) 4-Bromophenyl-phenylether	10.569	248	9849	2.876	ng	# 1
77) Benzidine	12.863	184	8879	2.177	ng	# 95

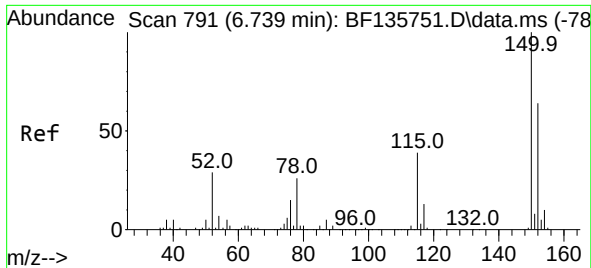
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
Data File : BF135757.D
Acq On : 13 Oct 2023 17:36
Operator : CG\JU
Sample : 04844-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-08

Quant Time: Oct 13 20:11:39 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

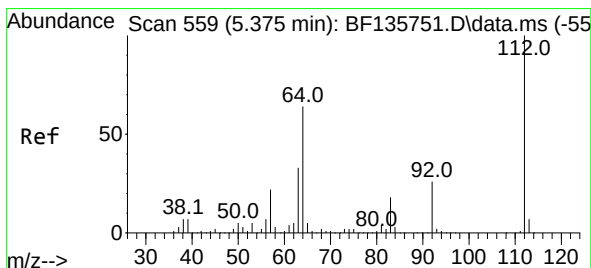
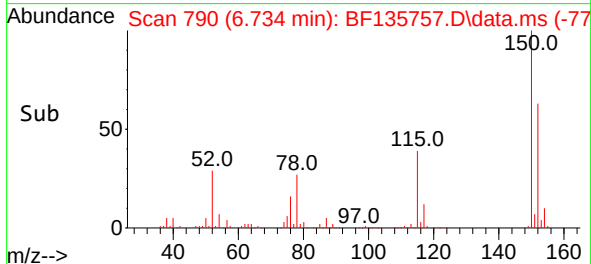
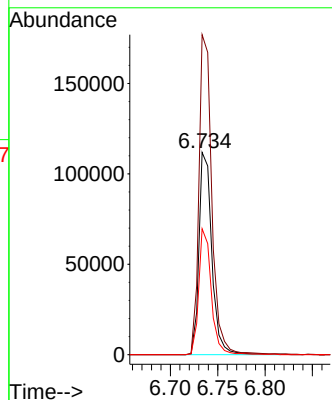
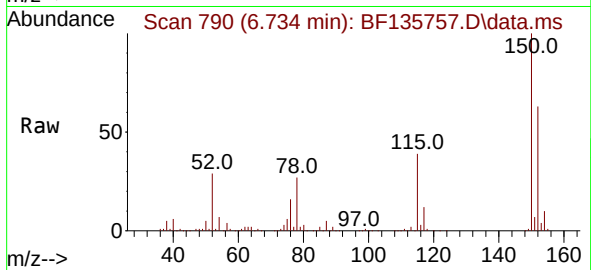




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF135757.D
Acq: 13 Oct 2023 17:36

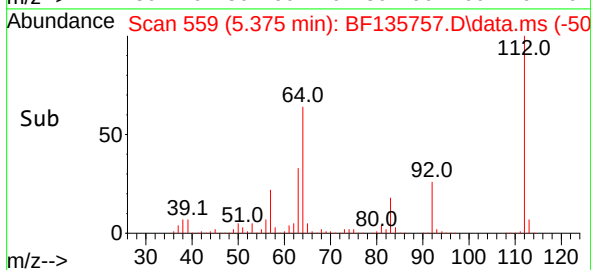
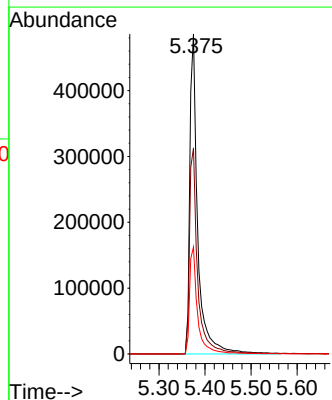
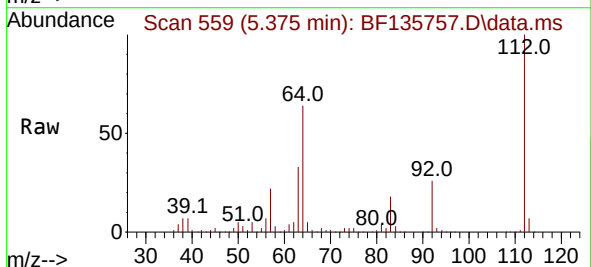
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-08

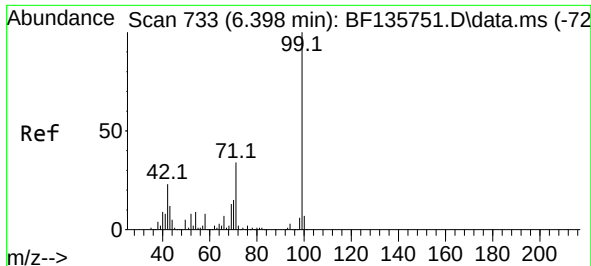
Tgt Ion:152 Resp: 106183
Ion Ratio Lower Upper
152 100
150 158.3 124.5 186.7
115 62.3 49.0 73.4



#5
2-Fluorophenol
Concen: 88.247 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.000 min
Lab File: BF135757.D
Acq: 13 Oct 2023 17:36

Tgt Ion:112 Resp: 582823
Ion Ratio Lower Upper
112 100
64 64.4 51.2 76.8
63 33.4 26.1 39.1

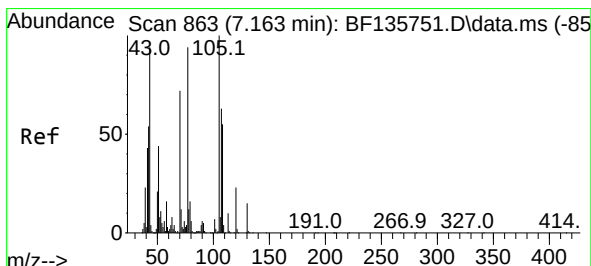
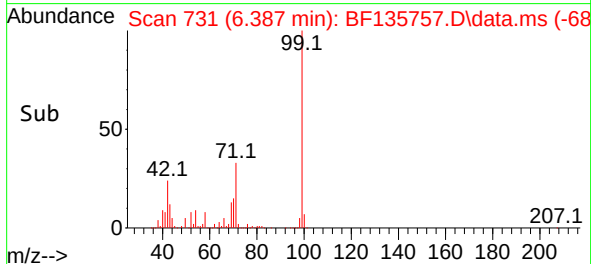
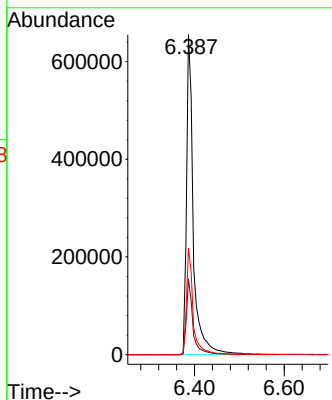
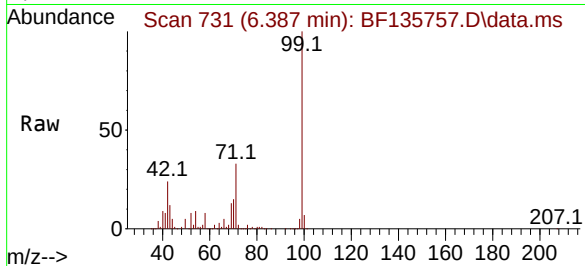




#7
Phenol-d6
Concen: 84.268 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135757.D
Acq: 13 Oct 2023 17:36

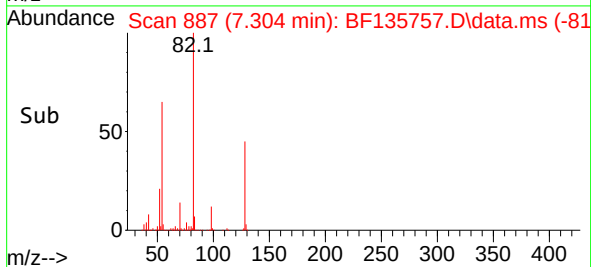
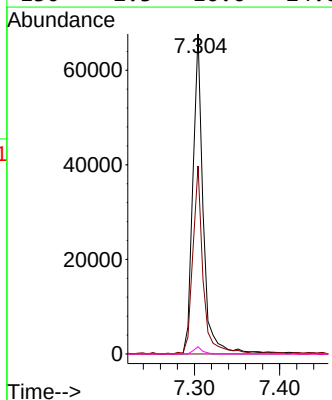
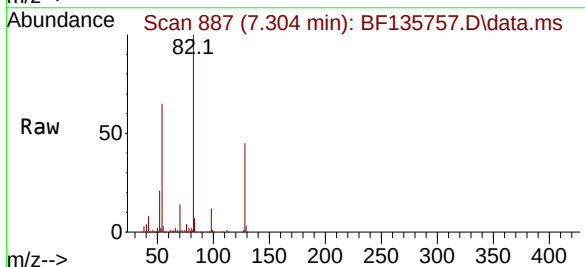
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-08

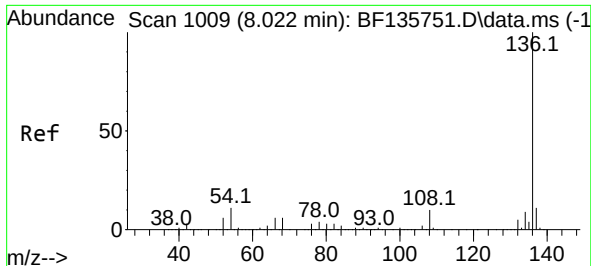
Tgt Ion: 99 Resp: 694417
Ion Ratio Lower Upper
99 100
42 23.7 18.4 27.6
71 33.4 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.171 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF135757.D
Acq: 13 Oct 2023 17:36

Tgt Ion: 70 Resp: 56918
Ion Ratio Lower Upper
70 100
42 58.7 59.8 89.6#
101 0.0 7.4 11.2#
130 2.3 16.6 24.8#



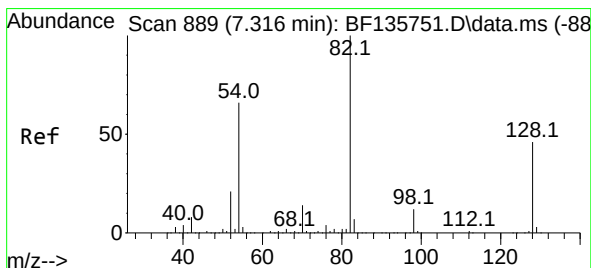
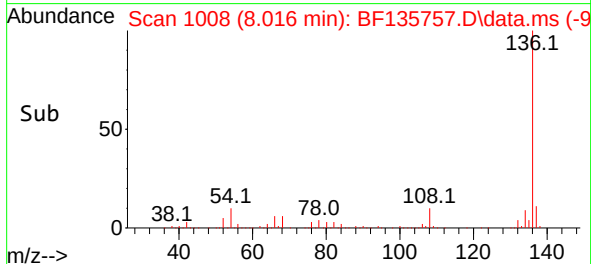
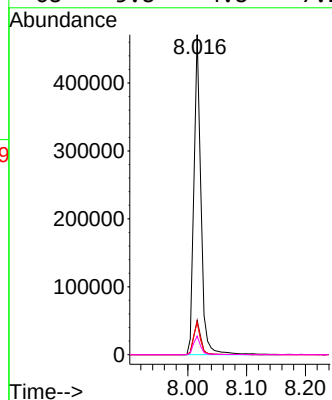
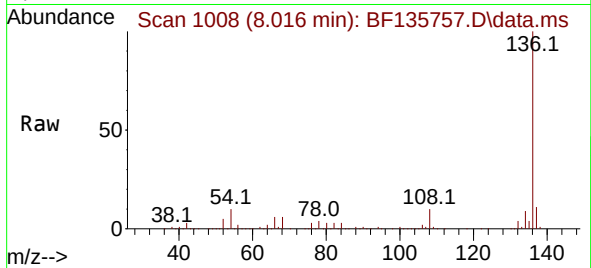


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135757.D
Acq: 13 Oct 2023 17:36

Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-08

Tgt Ion:136 Resp: 393296

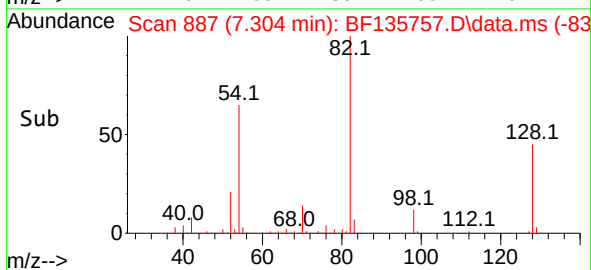
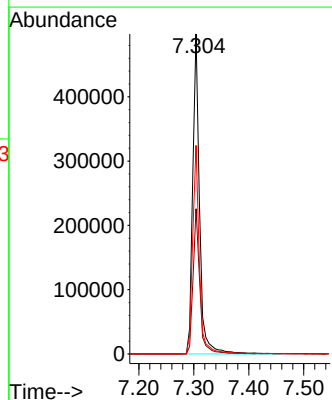
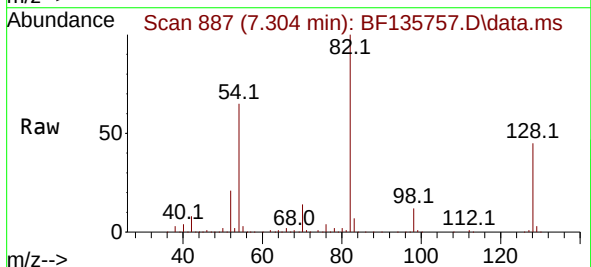
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	10.0	8.5	12.7
68	5.8	4.8	7.2

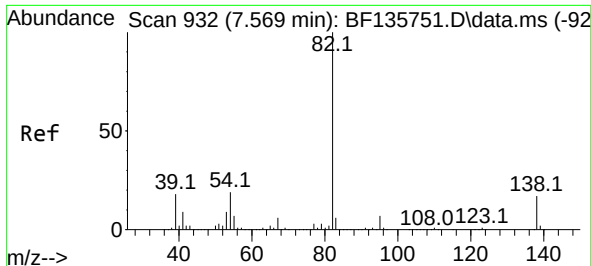


#23
Nitrobenzene-d5
Concen: 59.916 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF135757.D
Acq: 13 Oct 2023 17:36

Tgt Ion: 82 Resp: 428455

Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.0	55.6
54	65.2	52.8	79.2

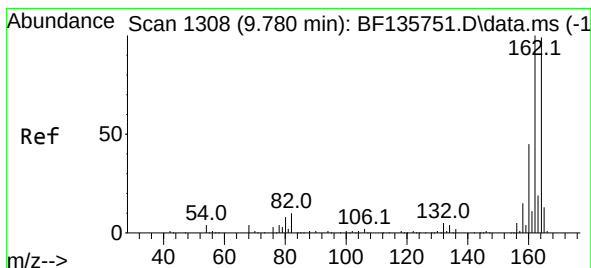
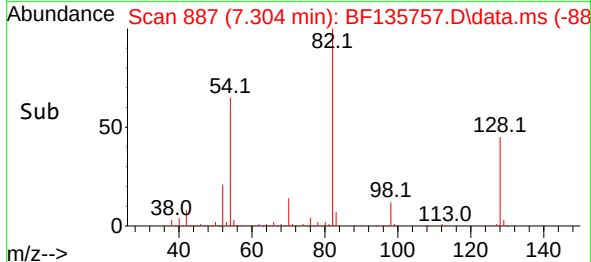
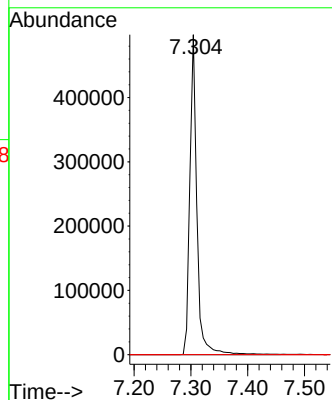
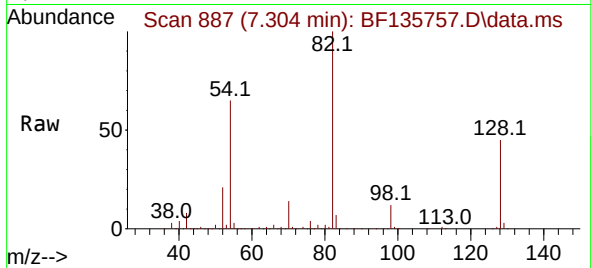




#25
Isophorone
Concen: 31.759 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135757.D
Acq: 13 Oct 2023 17:36

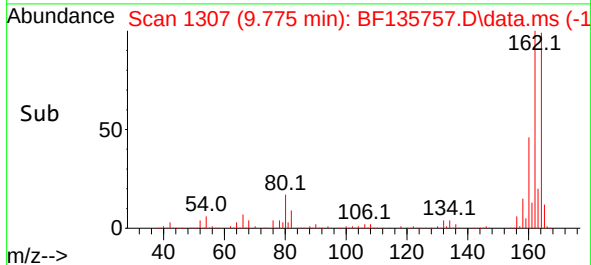
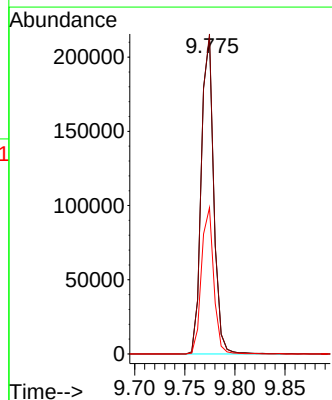
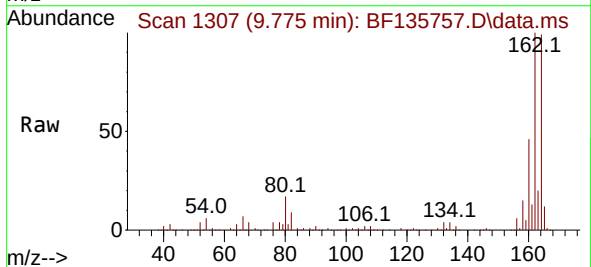
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-08

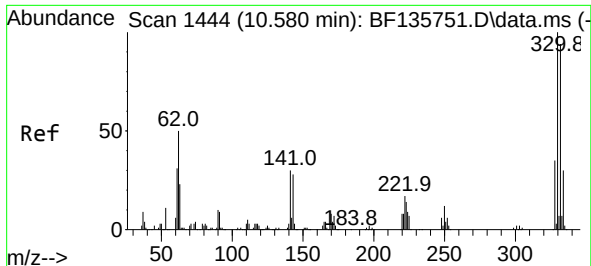
Tgt Ion: 82 Resp: 428451
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF135757.D
Acq: 13 Oct 2023 17:36

Tgt Ion: 164 Resp: 184934
Ion Ratio Lower Upper
164 100
162 101.0 80.8 121.2
160 46.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 87.082 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.012 min

Lab File: BF135757.D

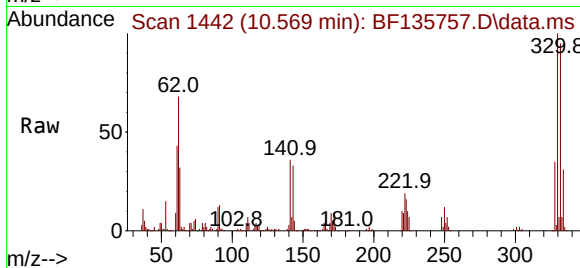
Acq: 13 Oct 2023 17:36

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-08



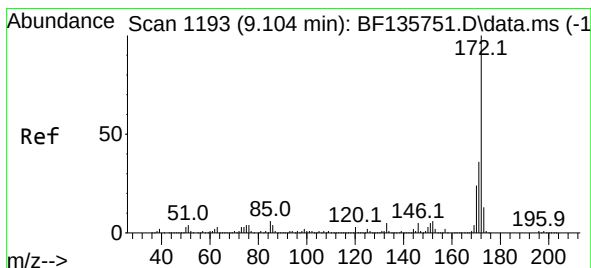
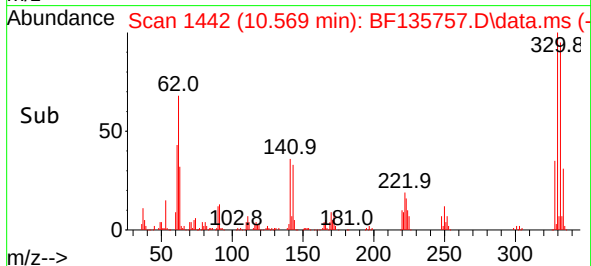
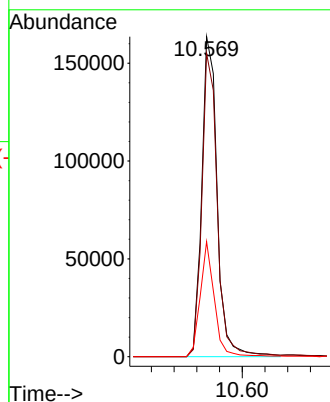
Tgt Ion:330 Resp: 154534

Ion Ratio Lower Upper

330 100

332 95.0 75.0 112.4

141 33.2 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 65.323 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF135757.D

Acq: 13 Oct 2023 17:36

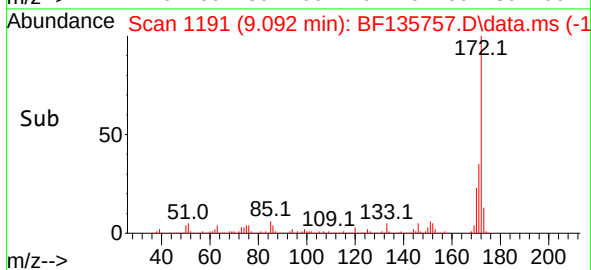
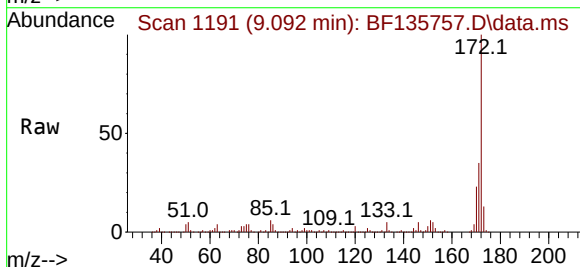
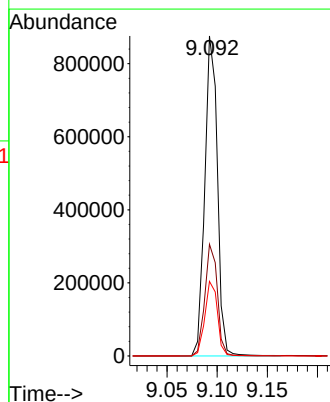
Tgt Ion:172 Resp: 772654

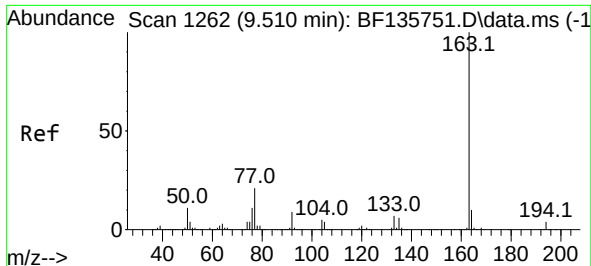
Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.3 18.8 28.2

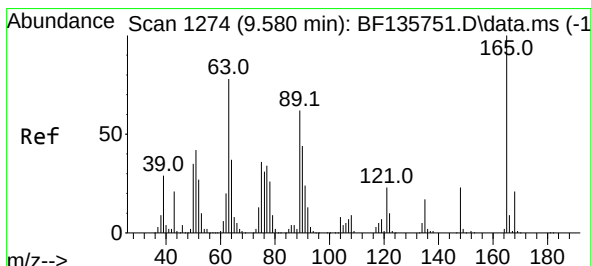
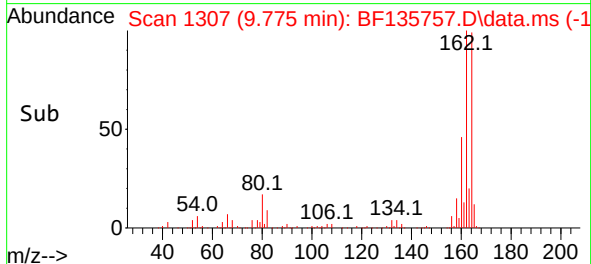
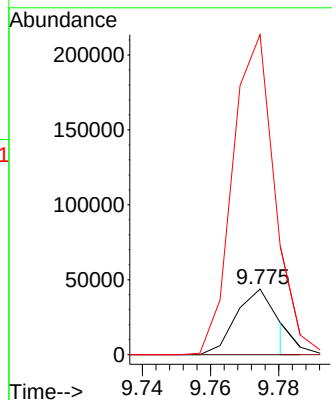
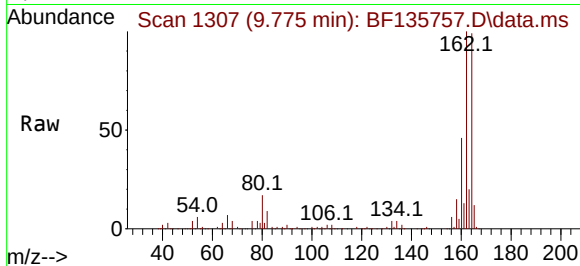




#50
Dimethylphthalate
Concen: 2.899 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135757.D
Acq: 13 Oct 2023 17:36

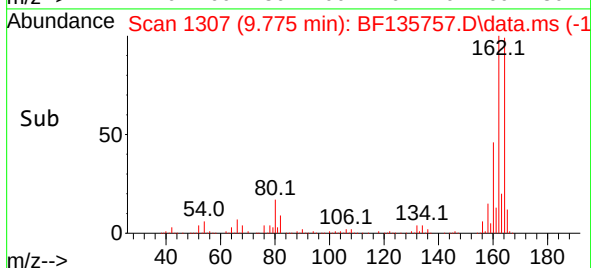
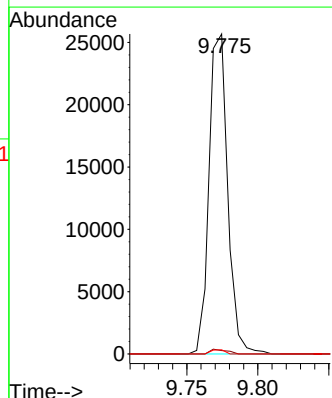
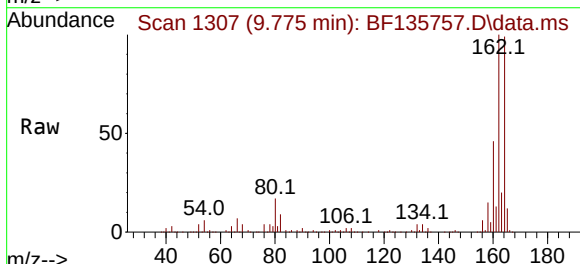
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-08

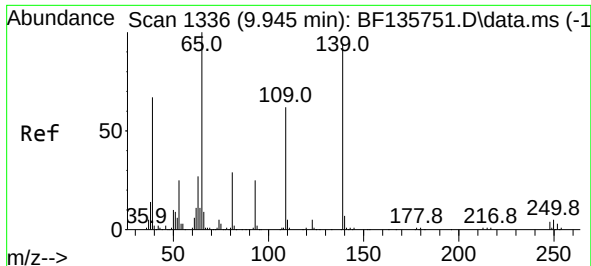
Tgt Ion:163 Resp: 36192
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 488.0 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.749 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.194 min
Lab File: BF135757.D
Acq: 13 Oct 2023 17:36

Tgt Ion:165 Resp: 23487
Ion Ratio Lower Upper
165 100
63 1.1 62.2 93.4#
89 1.3 49.6 74.4#

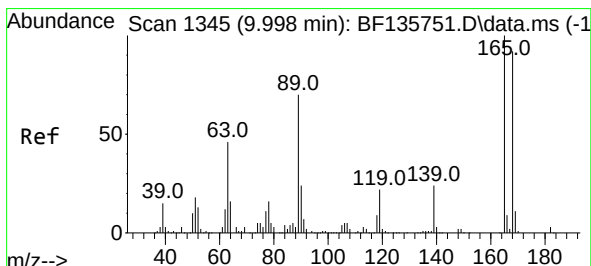
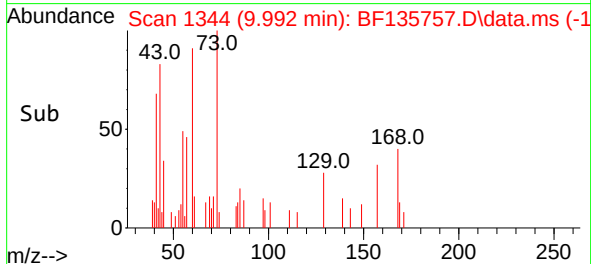
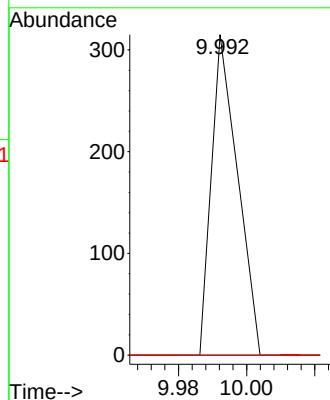
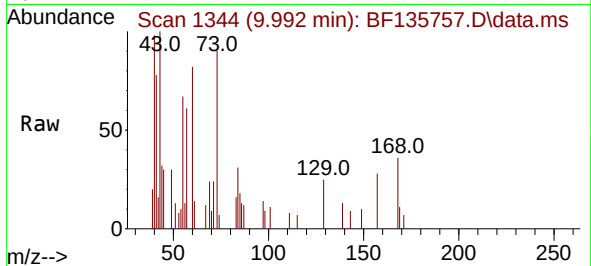




#56
4-Nitrophenol
Concen: 5.596 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.047 min
Lab File: BF135757.D
Acq: 13 Oct 2023 17:36

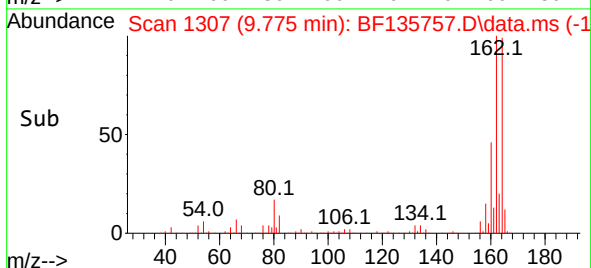
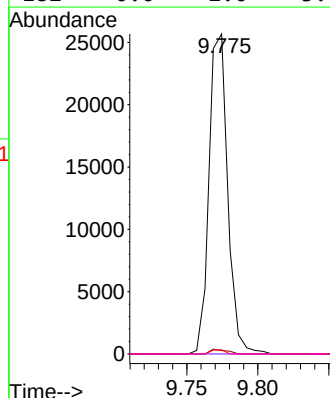
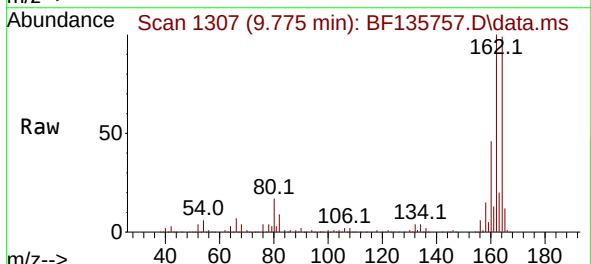
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-08

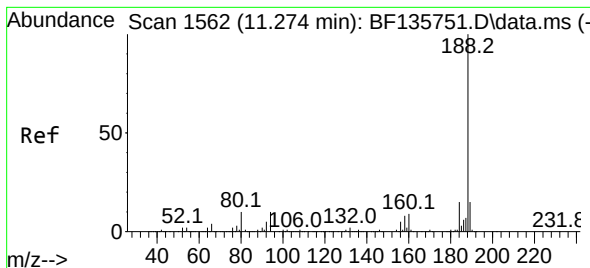
Tgt Ion:139 Resp: 168
Ion Ratio Lower Upper
139 100
109 0.0 45.6 85.6#
65 0.0 87.5 127.5#



#57
2,4-Dinitrotoluene
Concen: 6.877 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.223 min
Lab File: BF135757.D
Acq: 13 Oct 2023 17:36

Tgt Ion:165 Resp: 23487
Ion Ratio Lower Upper
165 100
63 1.1 39.0 58.4#
89 1.3 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: BF135757.D

Acq: 13 Oct 2023 17:36

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-08

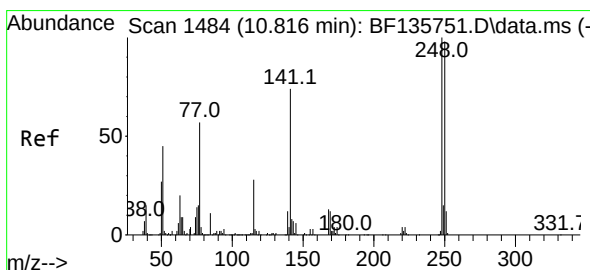
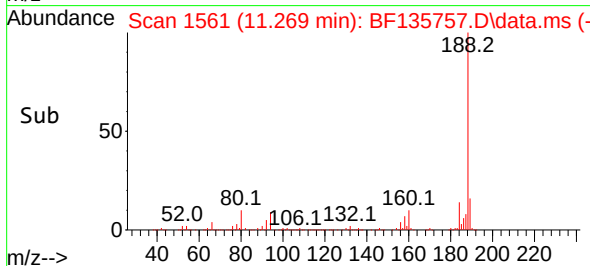
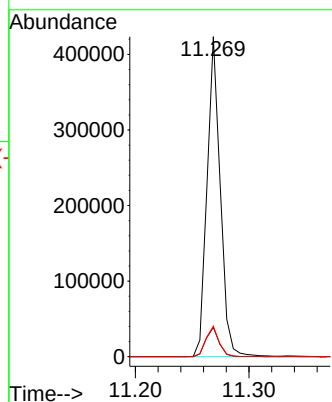
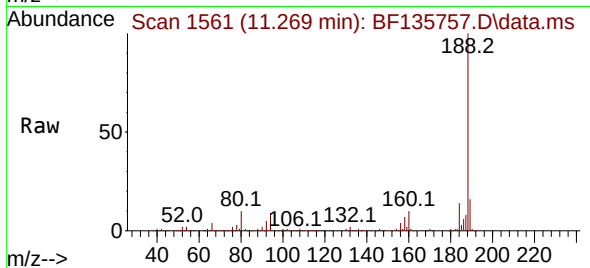
Tgt Ion:188 Resp: 341150

Ion Ratio Lower Upper

188 100

94 9.1 8.0 12.0

80 9.5 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 2.876 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.247 min

Lab File: BF135757.D

Acq: 13 Oct 2023 17:36

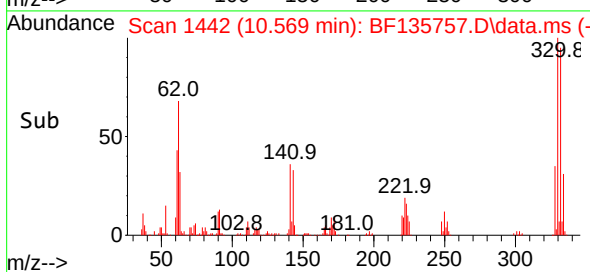
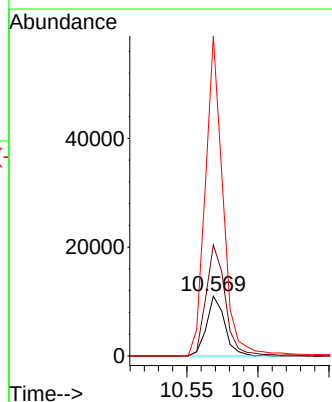
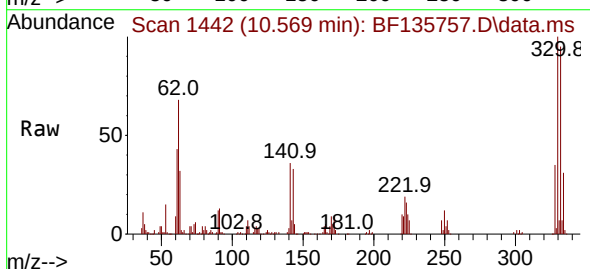
Tgt Ion:248 Resp: 9849

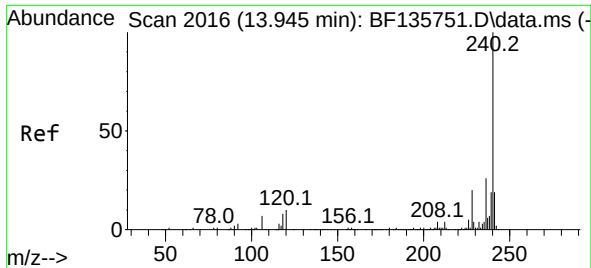
Ion Ratio Lower Upper

248 100

250 185.8 78.0 117.0#

141 535.3 59.0 88.6#

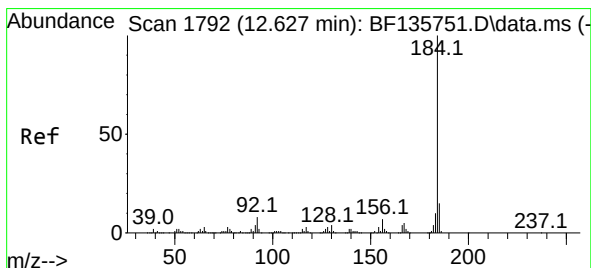
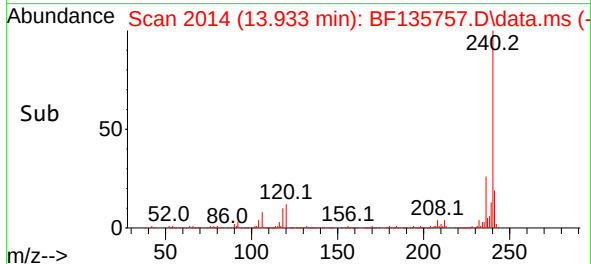
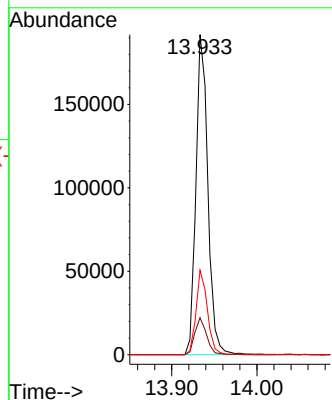
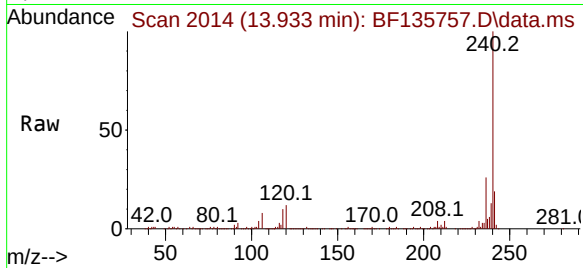




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF135757.D
Acq: 13 Oct 2023 17:36

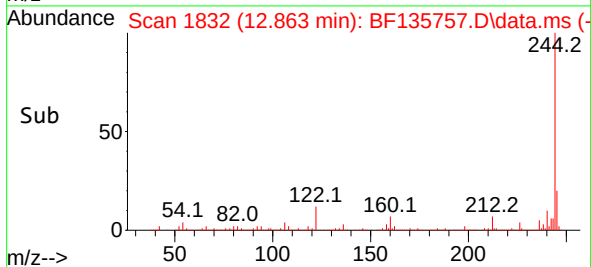
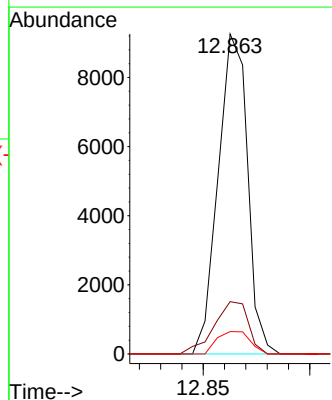
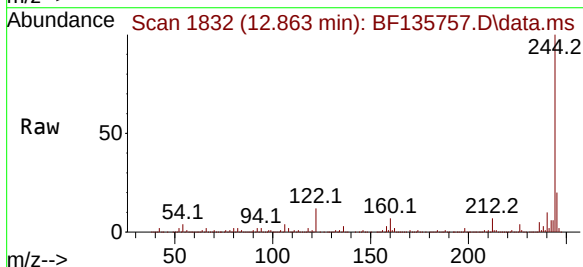
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-08

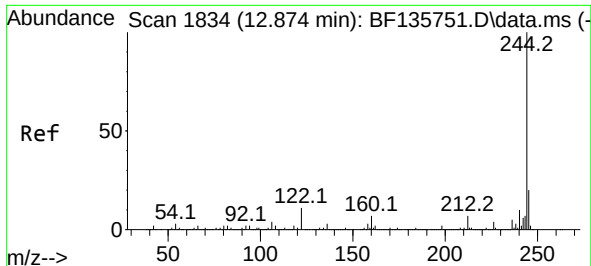
Tgt Ion:240 Resp: 186887
Ion Ratio Lower Upper
240 100
120 11.5 8.2 12.2
236 26.4 21.2 31.8



#77
Benzidine
Concen: 2.177 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.236 min
Lab File: BF135757.D
Acq: 13 Oct 2023 17:36

Tgt Ion:184 Resp: 8879
Ion Ratio Lower Upper
184 100
185 16.3 12.0 18.0
183 7.0 8.2 12.2#

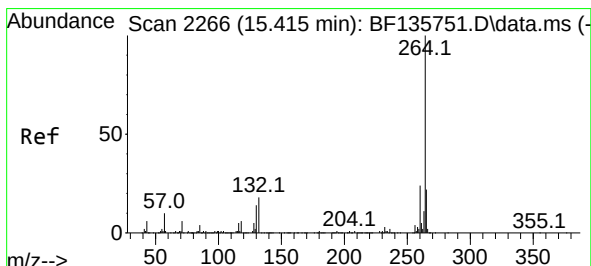
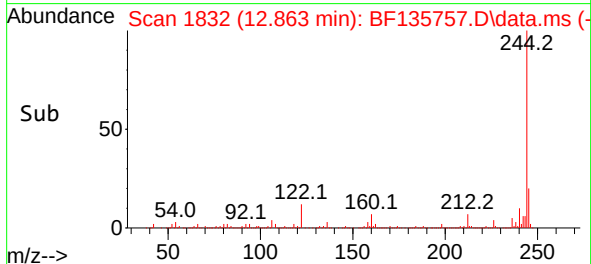
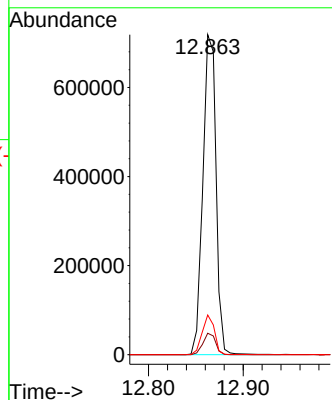
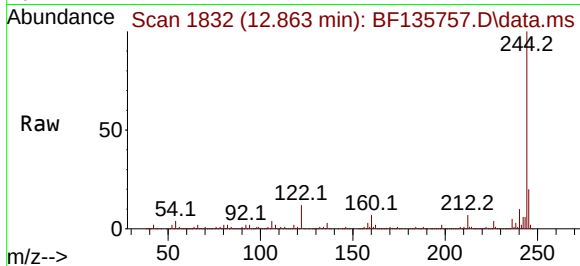




#79
 Terphenyl-d14
 Concen: 68.929 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. -0.012 min
 Lab File: BF135757.D
 Acq: 13 Oct 2023 17:36

Instrument :
 BNA_F
 ClientSampleId :
 OR-603-COMP-08

Tgt Ion:244 Resp: 695602
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 12.4 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. -0.006 min
 Lab File: BF135757.D
 Acq: 13 Oct 2023 17:36

Tgt Ion:264 Resp: 216344
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.2 17.4 26.2

