

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135790.D
 Acq On : 16 Oct 2023 22:24
 Operator : CG\JU
 Sample : 04844-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Oct 17 01:59:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

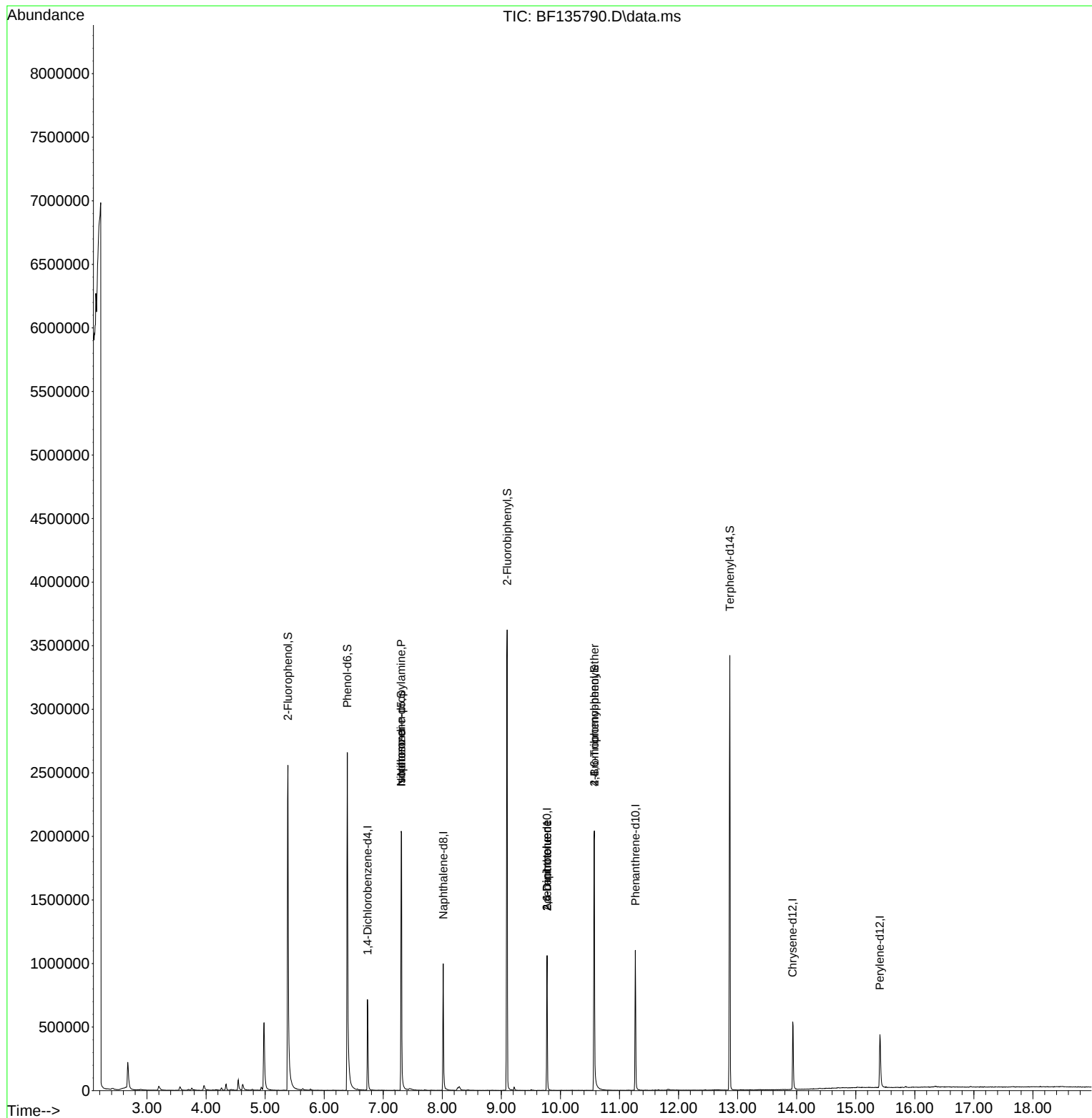
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	111059	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	421435	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	210638	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	419510	20.000	ng	-0.01
76) Chrysene-d12	13.933	240	211181	20.000	ng	-0.02
86) Perylene-d12	15.409	264	232411	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	849037	122.911	ng	0.01
7) Phenol-d6	6.392	99	986098	114.411	ng	0.00
23) Nitrobenzene-d5	7.304	82	708789	92.500	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	284467	140.739	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	1180386	87.617	ng	0.00
79) Terphenyl-d14	12.868	244	1242605	108.968	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	93455	17.536	ng	# 77
25) Isophorone	7.304	82	708785	49.031	ng	# 66
51) 2,6-Dinitrotoluene	9.775	165	27593	9.024	ng	# 16
57) 2,4-Dinitrotoluene	9.775	165	27593	7.093	ng	# 24
67) 4-Bromophenyl-phenylether	10.574	248	17372	4.125	ng	# 1

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

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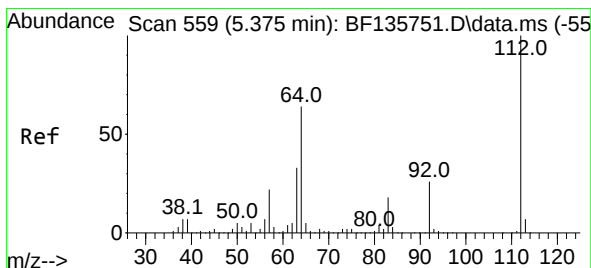
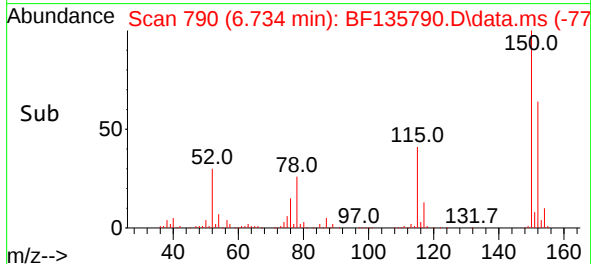
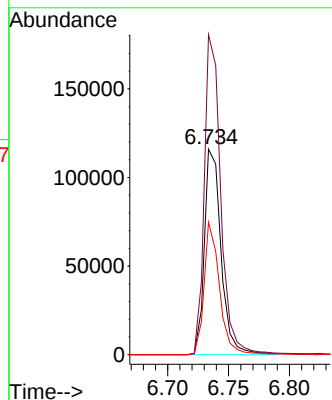
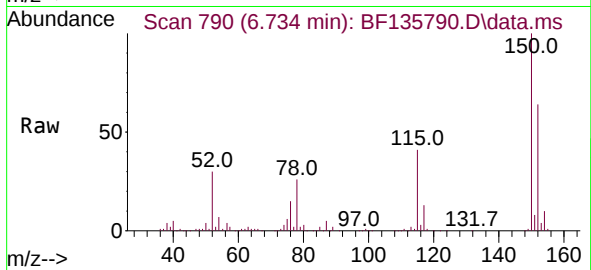




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 791
Delta R.T. -0.012 min
Lab File: BF135790.D
Acq: 16 Oct 2023 22:24

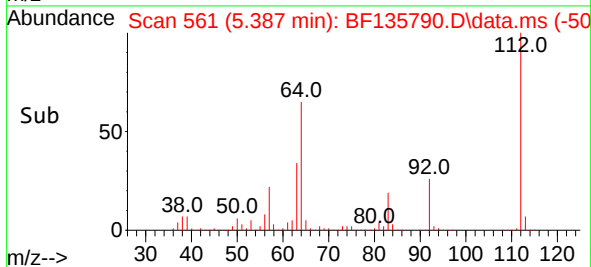
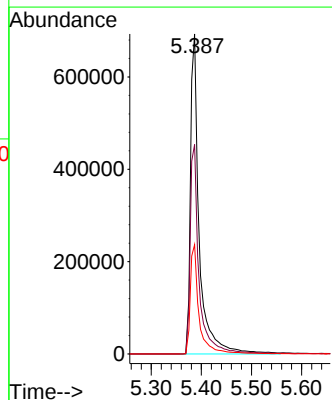
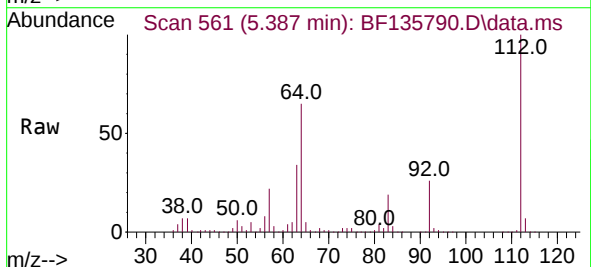
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-08

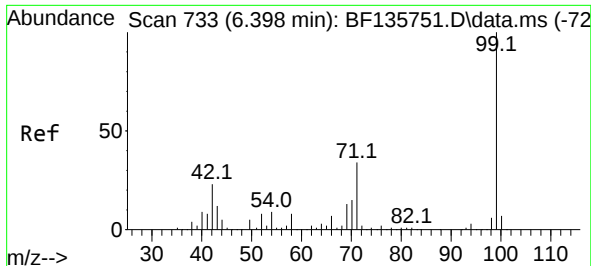
Tgt Ion:152 Resp: 111059
Ion Ratio Lower Upper
152 100
150 155.6 124.5 186.7
115 64.4 49.0 73.4



#5
2-Fluorophenol
Concen: 122.911 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.012 min
Lab File: BF135790.D
Acq: 16 Oct 2023 22:24

Tgt Ion:112 Resp: 849037
Ion Ratio Lower Upper
112 100
64 65.4 51.2 76.8
63 34.1 26.1 39.1

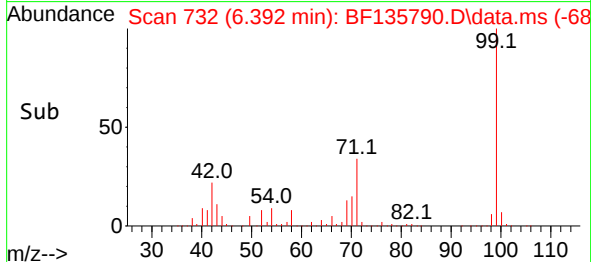
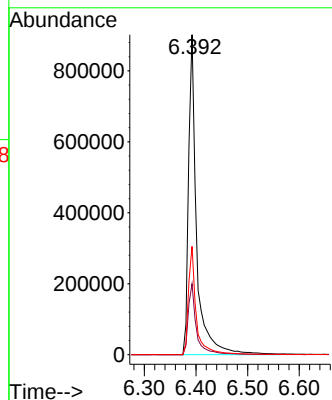
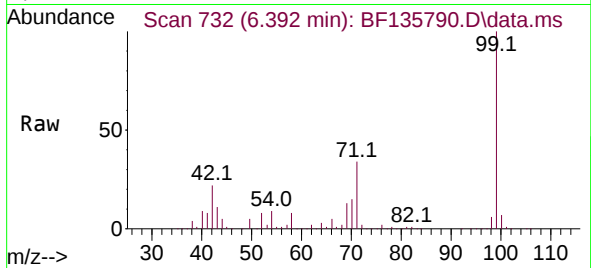




#7
Phenol-d6
Concen: 114.411 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135790.D
Acq: 16 Oct 2023 22:24

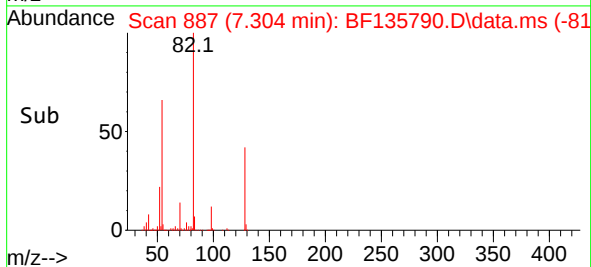
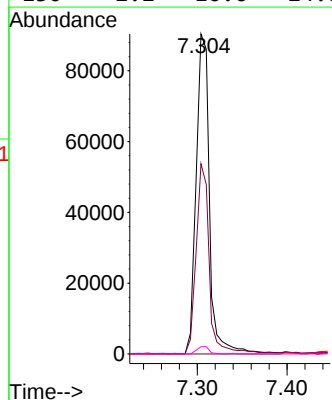
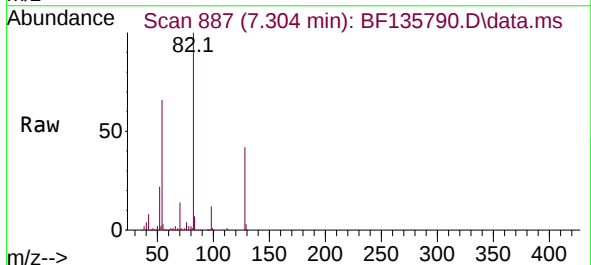
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-08

Tgt Ion: 99 Resp: 986098
Ion Ratio Lower Upper
99 100
42 22.1 18.4 27.6
71 33.9 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.536 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF135790.D
Acq: 16 Oct 2023 22:24

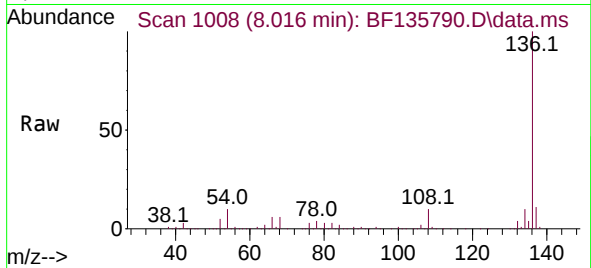
Tgt Ion: 70 Resp: 93455
Ion Ratio Lower Upper
70 100
42 59.4 59.8 89.6#
101 0.0 7.4 11.2#
130 2.2 16.6 24.8#



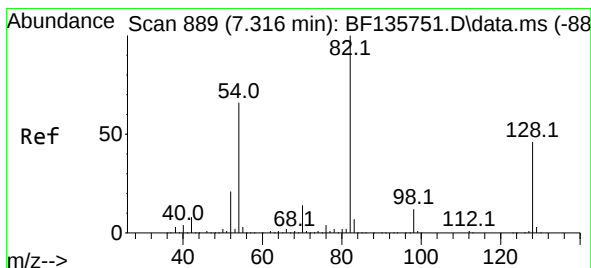
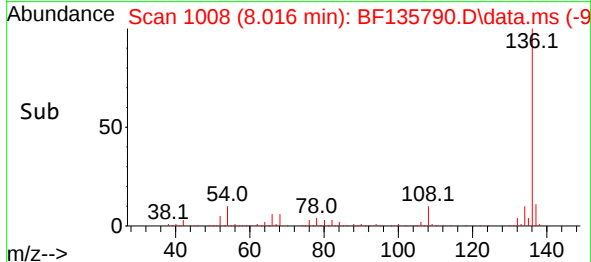
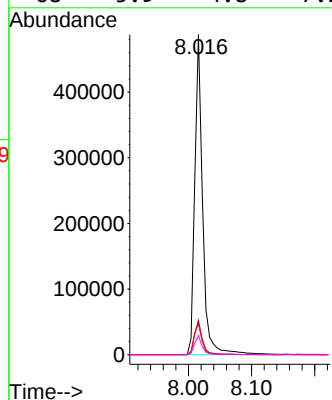


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135790.D
Acq: 16 Oct 2023 22:24

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

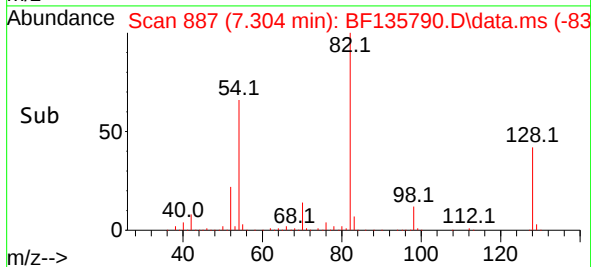
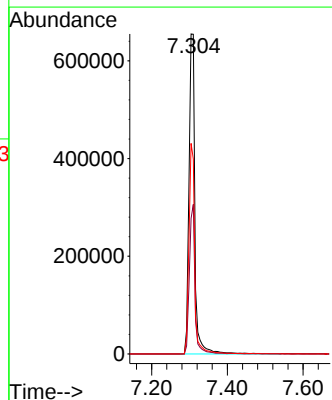
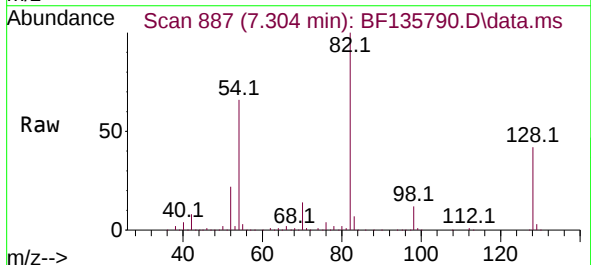


Tgt Ion:136 Resp: 421435
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.6 8.5 12.7
68 5.9 4.8 7.2



#23
Nitrobenzene-d5
Concen: 92.500 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF135790.D
Acq: 16 Oct 2023 22:24

Tgt Ion: 82 Resp: 708789
Ion Ratio Lower Upper
82 100
128 42.4 37.0 55.6
54 65.8 52.8 79.2

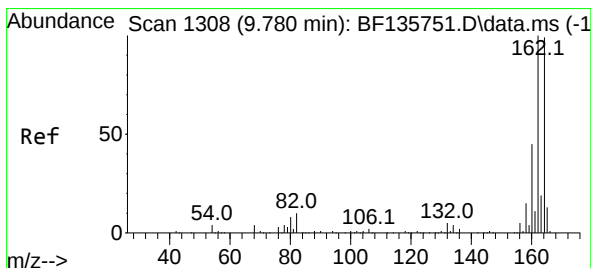
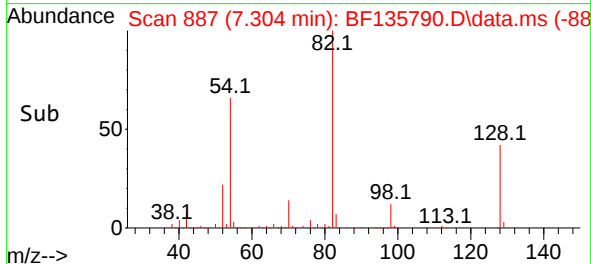
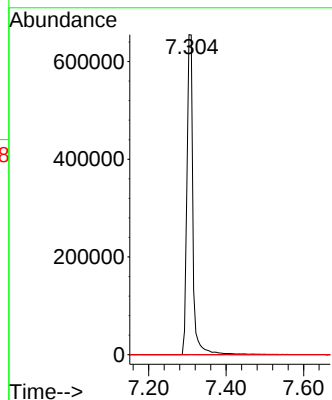
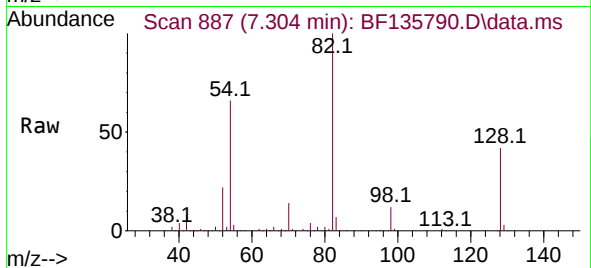




#25
Isophorone
Concen: 49.031 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.265 min
Lab File: BF135790.D
Acq: 16 Oct 2023 22:24

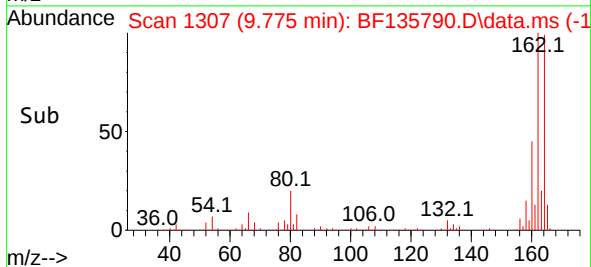
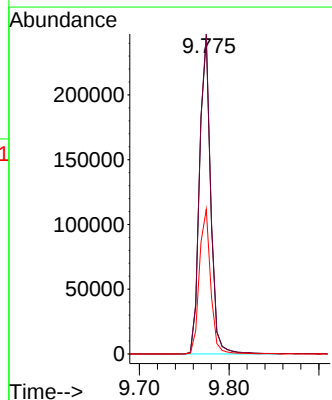
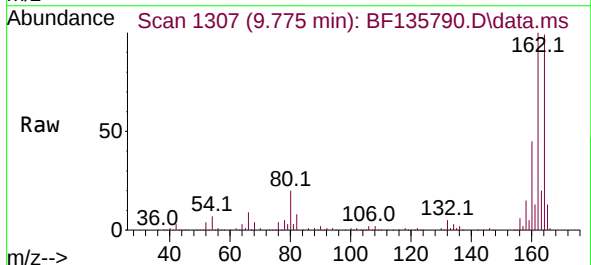
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-08

Tgt Ion: 82 Resp: 708785
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. -0.012 min
Lab File: BF135790.D
Acq: 16 Oct 2023 22:24

Tgt Ion:164 Resp: 210638
Ion Ratio Lower Upper
164 100
162 101.3 80.8 121.2
160 45.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 140.739 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.012 min

Lab File: BF135790.D

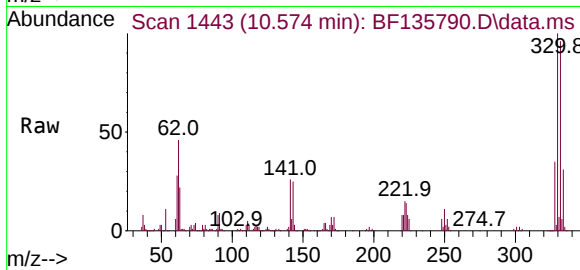
Acq: 16 Oct 2023 22:24

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-08



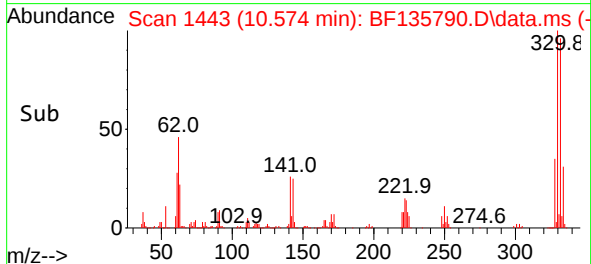
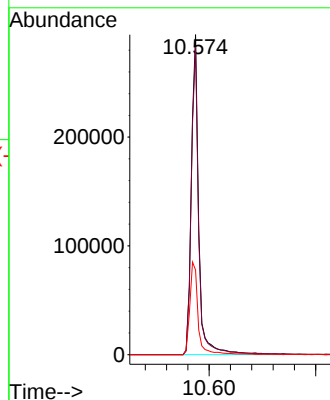
Tgt Ion:330 Resp: 284467

Ion Ratio Lower Upper

330 100

332 96.5 75.0 112.4

141 32.1 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 87.617 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135790.D

Acq: 16 Oct 2023 22:24

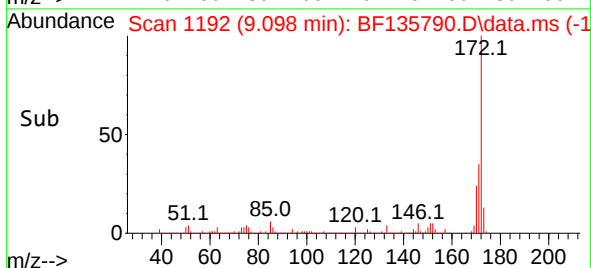
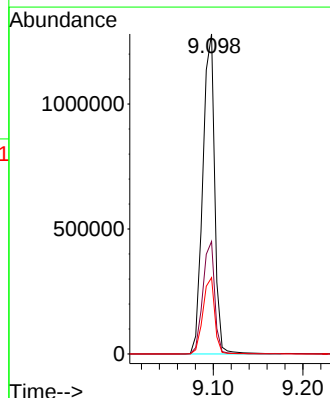
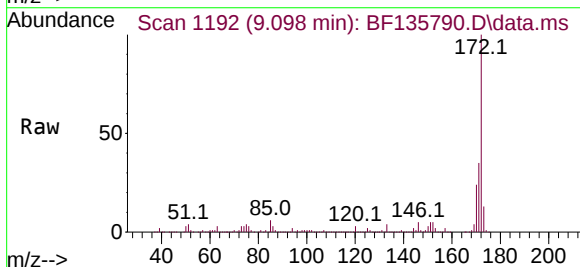
Tgt Ion:172 Resp: 1180386

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.9 18.8 28.2

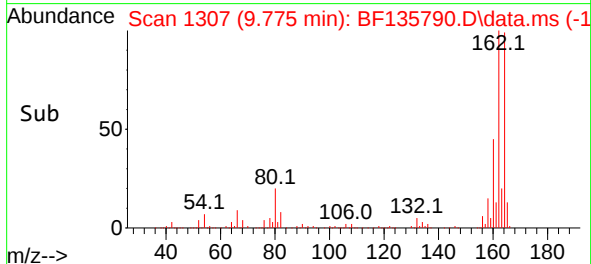
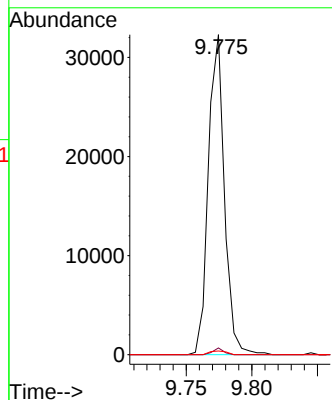
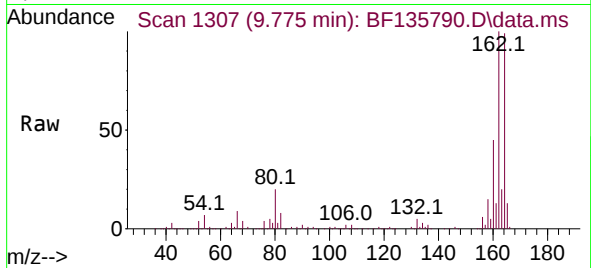




#51
2,6-Dinitrotoluene
Concen: 9.024 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF135790.D
Acq: 16 Oct 2023 22:24

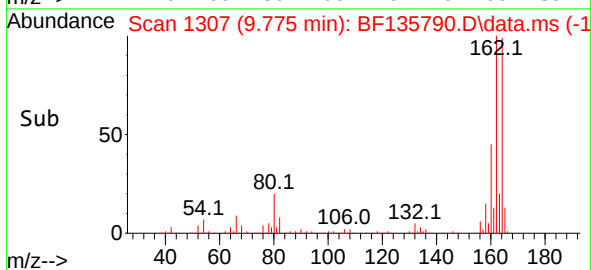
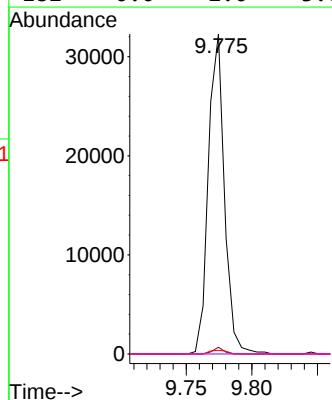
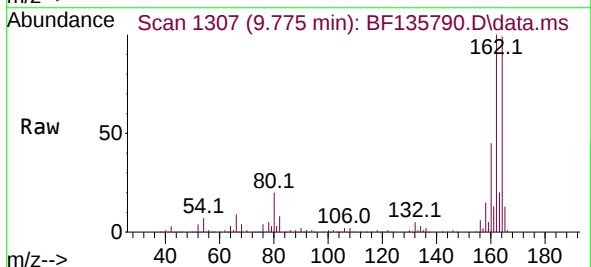
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-08

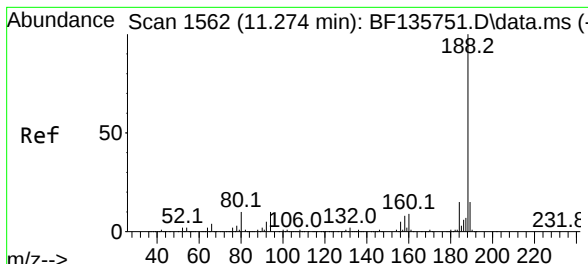
Tgt Ion:165 Resp: 27593
Ion Ratio Lower Upper
165 100
63 2.1 62.2 93.4#
89 1.2 49.6 74.4#



#57
2,4-Dinitrotoluene
Concen: 7.093 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.230 min
Lab File: BF135790.D
Acq: 16 Oct 2023 22:24

Tgt Ion:165 Resp: 27593
Ion Ratio Lower Upper
165 100
63 2.1 39.0 58.4#
89 1.2 55.9 83.9#
182 0.0 2.0 3.0#



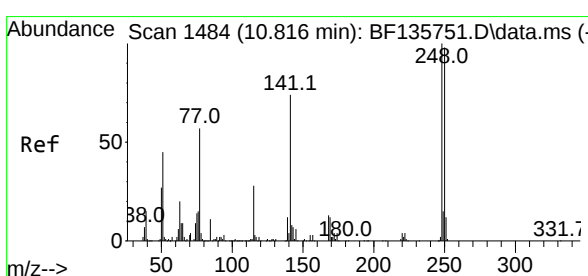
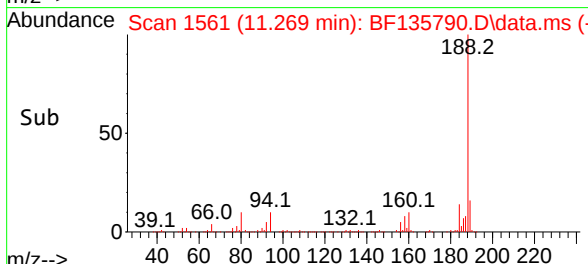
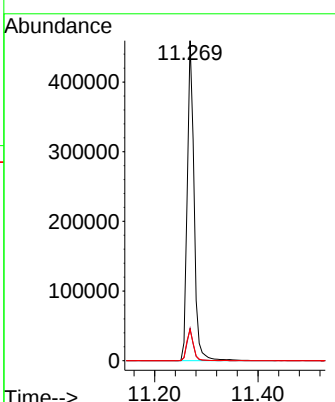
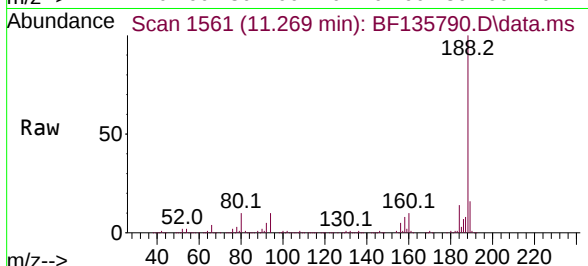


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.269 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF135790.D
 Acq: 16 Oct 2023 22:24

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

Tgt Ion:188 Resp: 419510

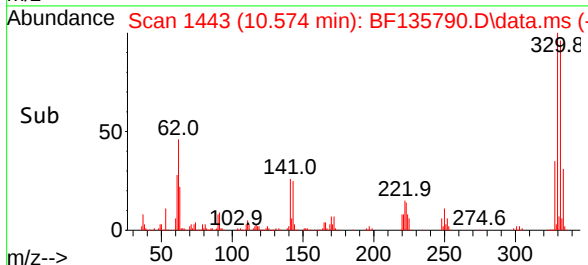
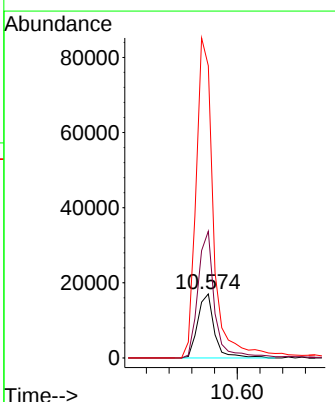
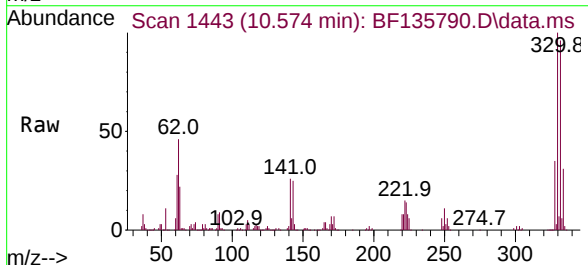
Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.0	12.0
80	9.7	8.3	12.5

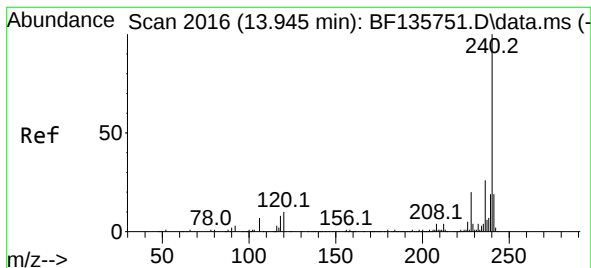


#67
 4-Bromophenyl-phenylether
 Concen: 4.125 ng
 RT: 10.574 min Scan# 1443
 Delta R.T. -0.247 min
 Lab File: BF135790.D
 Acq: 16 Oct 2023 22:24

Tgt Ion:248 Resp: 17372

Ion	Ratio	Lower	Upper
248	100		
250	198.1	78.0	117.0#
141	456.6	59.0	88.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2016

Delta R.T. -0.018 min

Lab File: BF135790.D

Acq: 16 Oct 2023 22:24

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-08

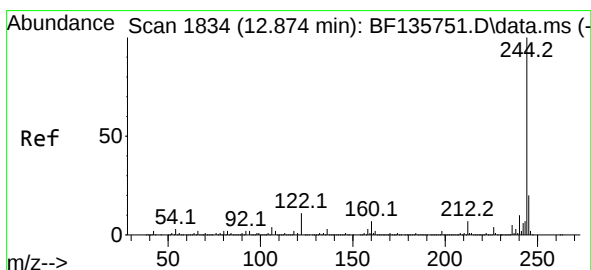
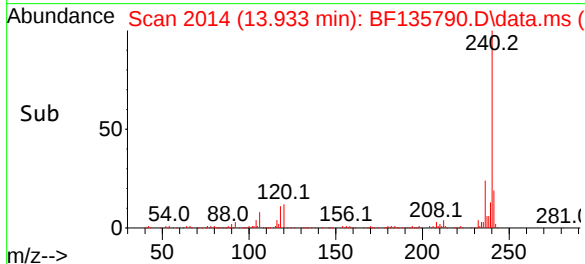
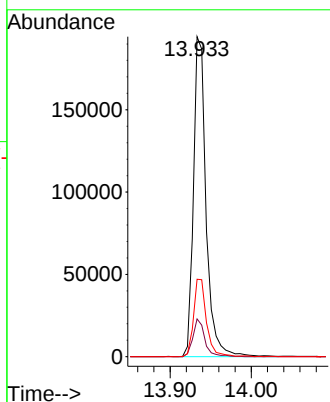
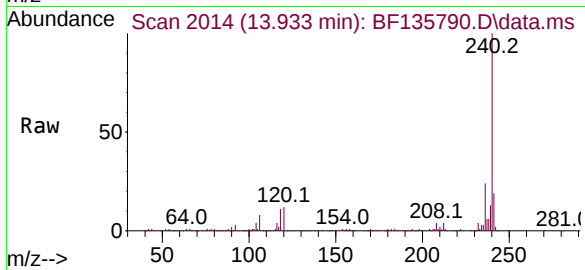
Tgt Ion:240 Resp: 211181

Ion Ratio Lower Upper

240 100

120 11.8 8.2 12.2

236 24.2 21.2 31.8



#79

Terphenyl-d14

Concen: 108.968 ng

RT: 12.868 min Scan# 1833

Delta R.T. -0.012 min

Lab File: BF135790.D

Acq: 16 Oct 2023 22:24

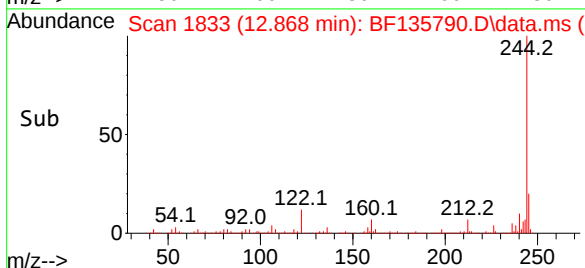
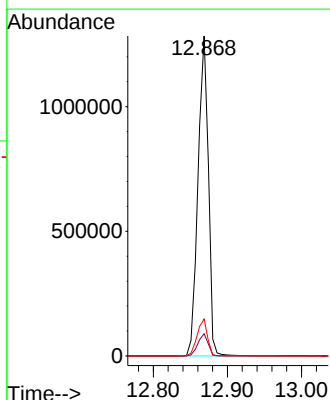
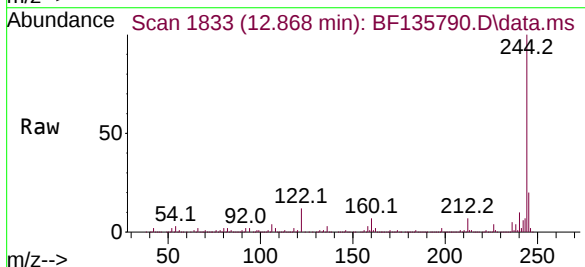
Tgt Ion:244 Resp: 1242605

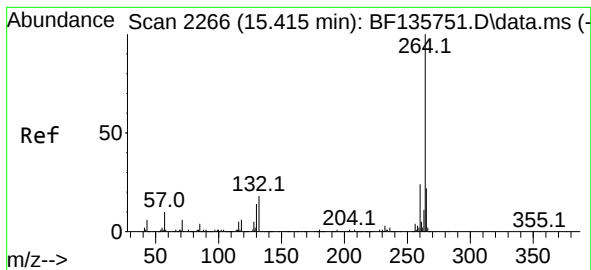
Ion Ratio Lower Upper

244 100

212 6.9 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. -0.012 min
Lab File: BF135790.D
Acq: 16 Oct 2023 22:24

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

Tgt Ion:264 Resp: 232411

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.1	17.4	26.2

