

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
 Data File : BF135763.D
 Acq On : 13 Oct 2023 20:42
 Operator : CG\JU
 Sample : 04844-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-603-COMP-05

Quant Time: Oct 13 23:38:28 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)

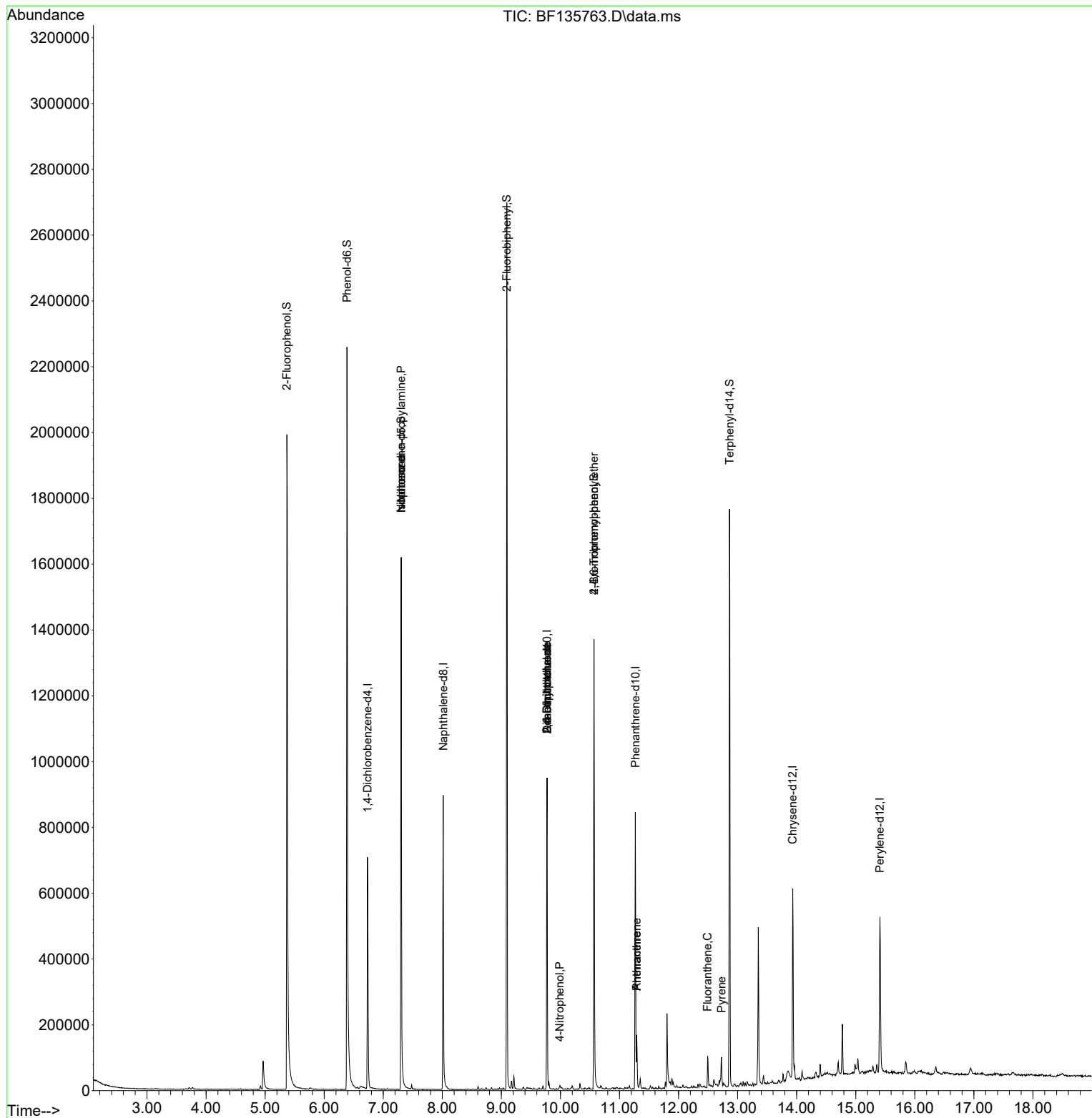
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	107741	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	373594	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	182134	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	291833	20.000	ng	0.00
76) Chrysene-d12	13.933	240	191524	20.000	ng	-0.01
86) Perylene-d12	15.409	264	222650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	648536	96.777	ng	0.00
7) Phenol-d6	6.386	99	779929	93.277	ng	-0.01
23) Nitrobenzene-d5	7.304	82	455187	67.011	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	155514	88.981	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	774200	66.460	ng	-0.01
79) Terphenyl-d14	12.863	244	617560	59.714	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	59804	11.568	ng	# 77
25) Isophorone	7.304	82	455184	35.520	ng	# 66
50) Dimethylphthalate	9.774	163	36578	2.975	ng	# 1
51) 2,6-Dinitrotoluene	9.774	165	23480	8.880	ng	# 16
56) 4-Nitrophenol	9.986	139	1744	6.586	ng	# 5
57) 2,4-Dinitrotoluene	9.774	165	23480	6.980	ng	# 24
67) 4-Bromophenyl-phenylether	10.569	248	9877	3.372	ng	# 1
71) Phenanthrene	11.292	178	58574	4.190	ng	98
72) Anthracene	11.292	178	58574	4.043	ng	99
75) Fluoranthene	12.492	202	39757	2.562	ng	99
78) Pyrene	12.727	202	37394	2.457	ng	98

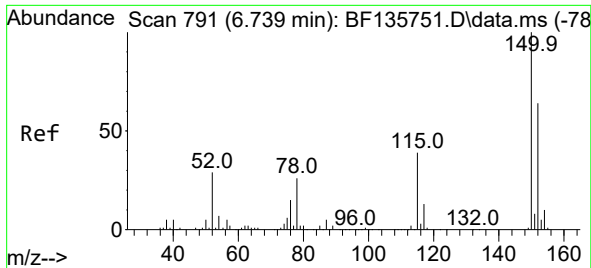
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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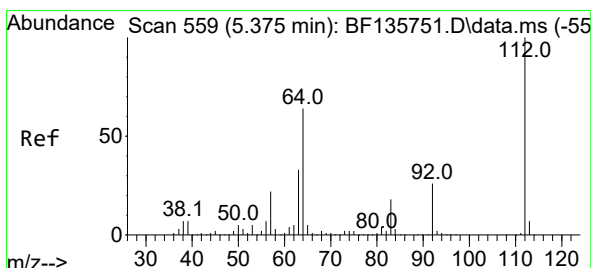
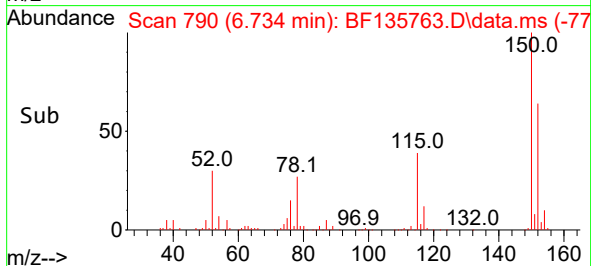
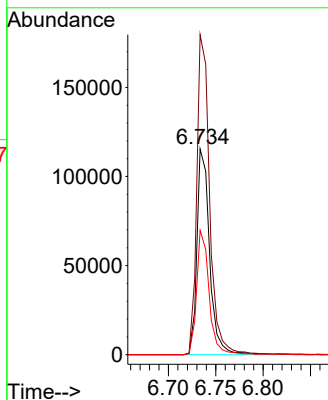
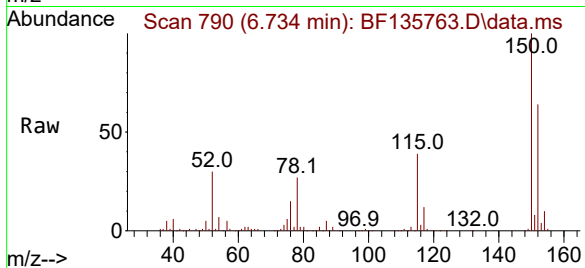




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF135763.D
Acq: 13 Oct 2023 20:42

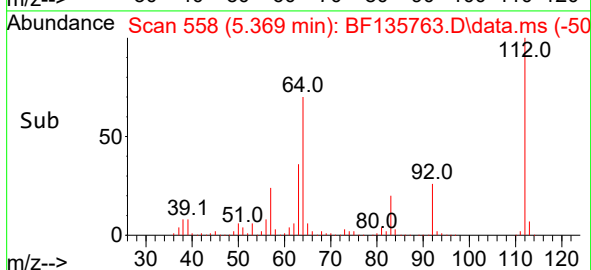
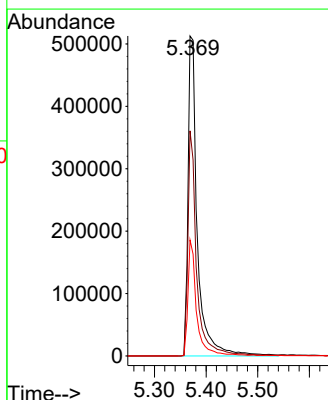
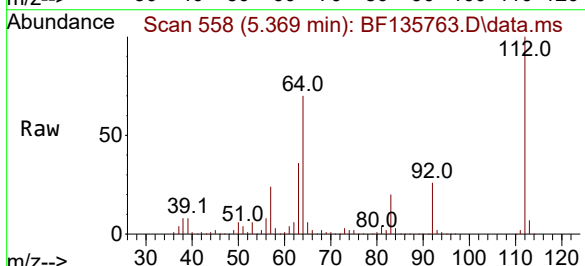
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05

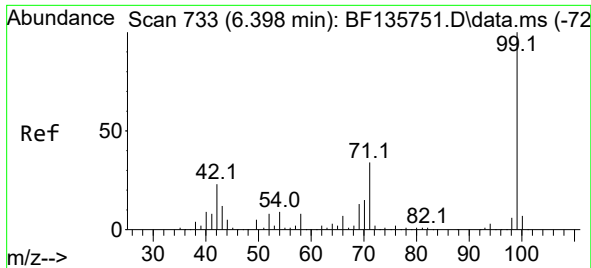
Tgt Ion:152 Resp: 107741
Ion Ratio Lower Upper
152 100
150 155.5 124.5 186.7
115 60.4 49.0 73.4



#5
2-Fluorophenol
Concen: 96.777 ng
RT: 5.369 min Scan# 558
Delta R.T. -0.006 min
Lab File: BF135763.D
Acq: 13 Oct 2023 20:42

Tgt Ion:112 Resp: 648536
Ion Ratio Lower Upper
112 100
64 70.3 51.2 76.8
63 36.2 26.1 39.1

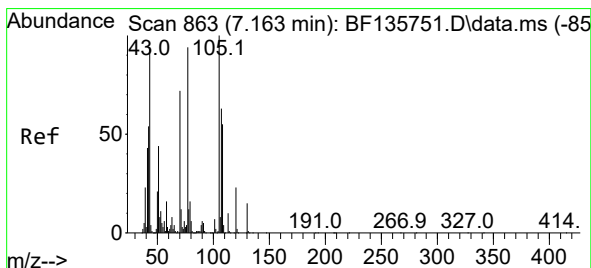
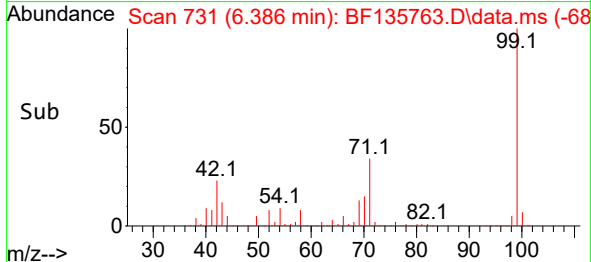
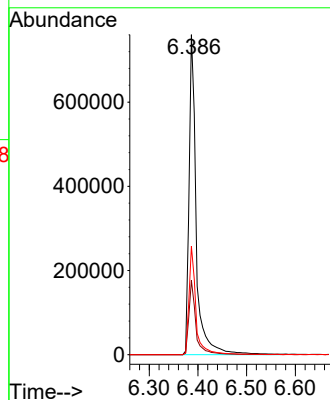
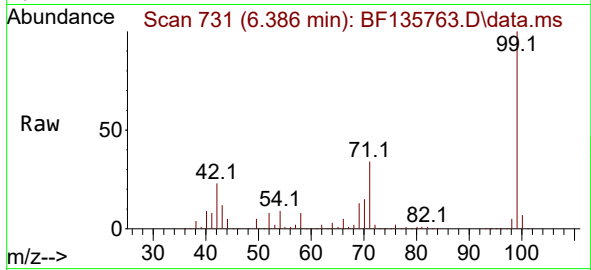




#7
Phenol-d6
Concen: 93.277 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135763.D
Acq: 13 Oct 2023 20:42

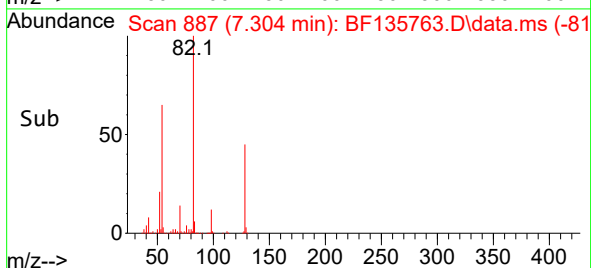
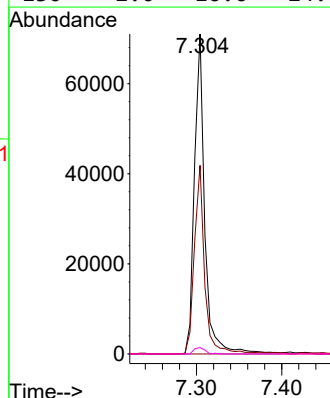
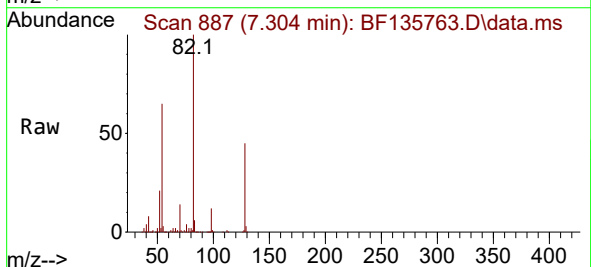
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05

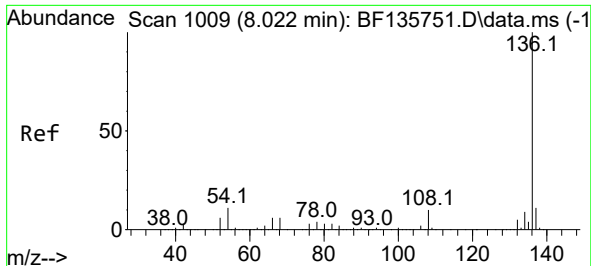
Tgt Ion: 99 Resp: 779929
Ion Ratio Lower Upper
99 100
42 23.2 18.4 27.6
71 33.9 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.568 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF135763.D
Acq: 13 Oct 2023 20:42

Tgt Ion: 70 Resp: 59804
Ion Ratio Lower Upper
70 100
42 58.9 59.8 89.6#
101 0.0 7.4 11.2#
130 2.0 16.6 24.8#



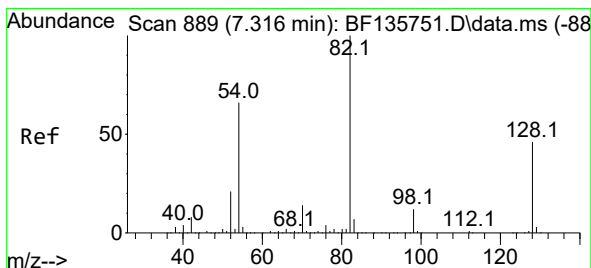
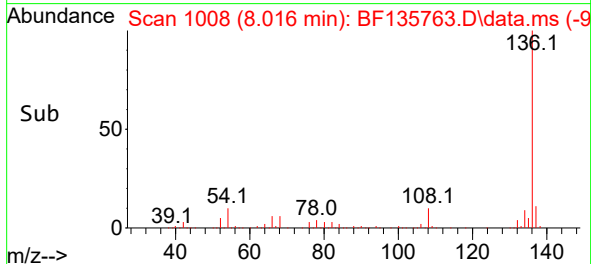
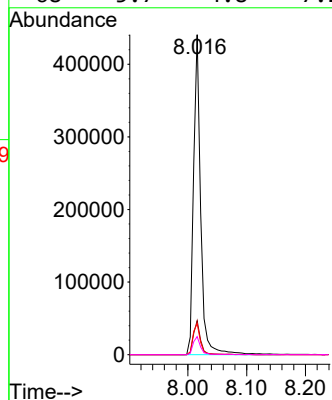
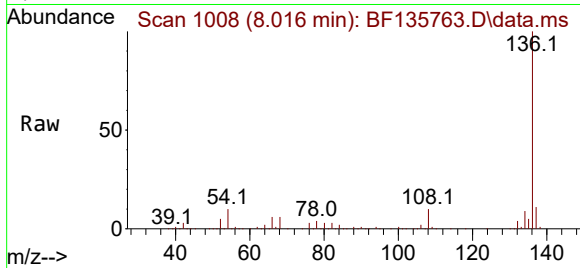


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135763.D
Acq: 13 Oct 2023 20:42

Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05

Tgt Ion:136 Resp: 373594

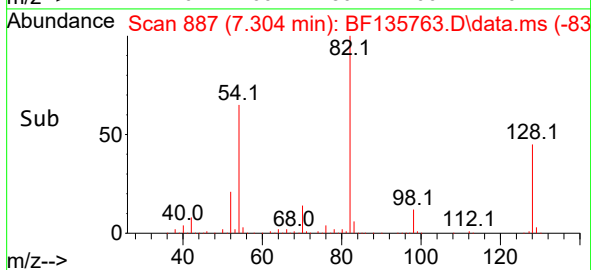
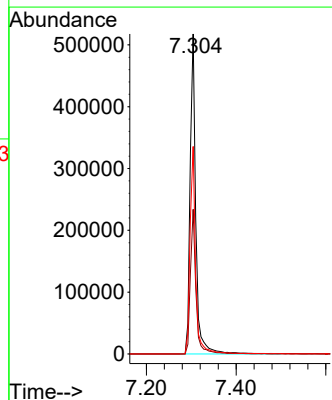
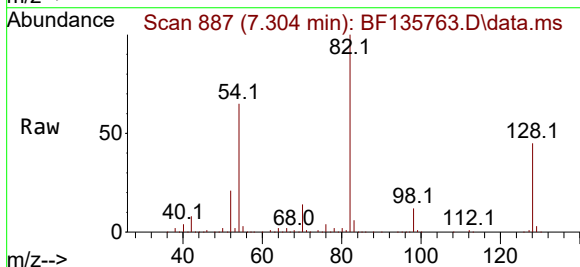
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	9.7	8.5	12.7
68	5.7	4.8	7.2

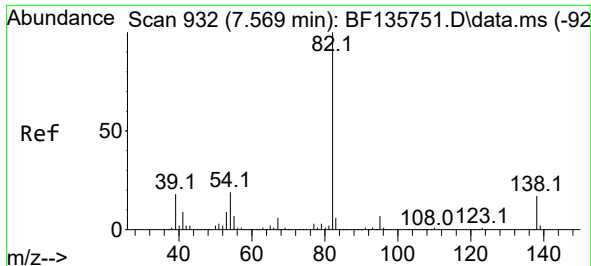


#23
Nitrobenzene-d5
Concen: 67.011 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF135763.D
Acq: 13 Oct 2023 20:42

Tgt Ion: 82 Resp: 455187

Ion	Ratio	Lower	Upper
82	100		
128	45.2	37.0	55.6
54	64.8	52.8	79.2

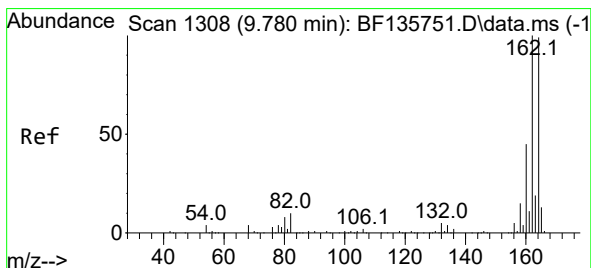
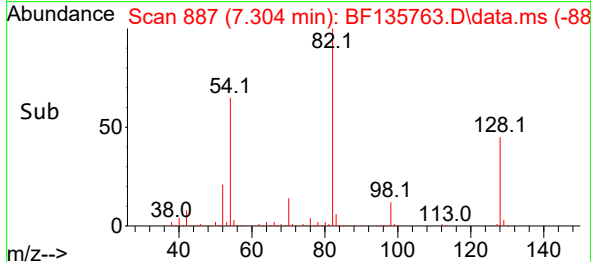
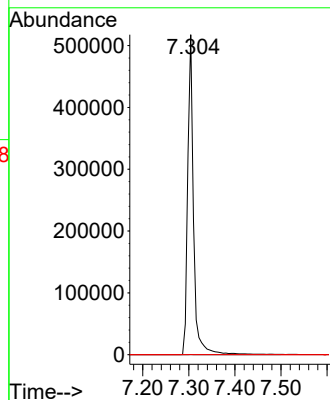
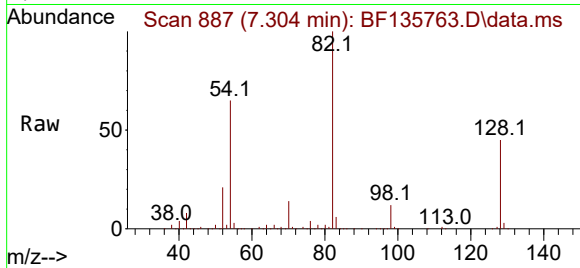




#25
Isophorone
Concen: 35.520 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135763.D
Acq: 13 Oct 2023 20:42

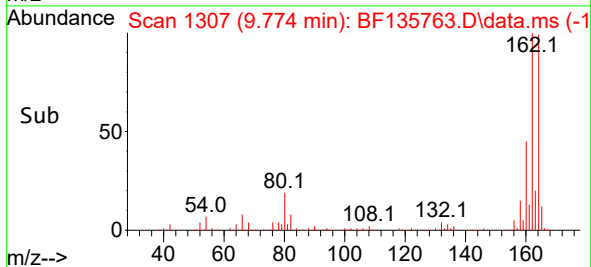
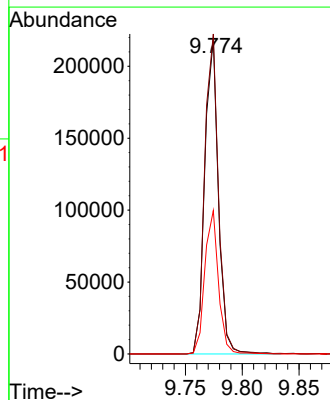
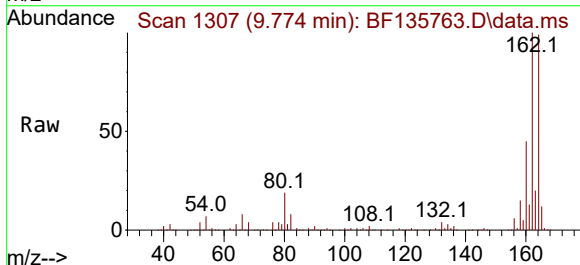
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05

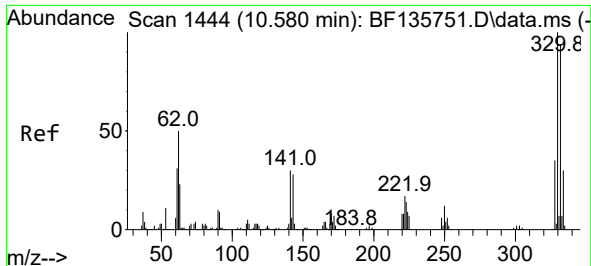
Tgt Ion: 82 Resp: 455184
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF135763.D
Acq: 13 Oct 2023 20:42

Tgt Ion:164 Resp: 182134
Ion Ratio Lower Upper
164 100
162 101.5 80.8 121.2
160 45.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 88.981 ng

RT: 10.569 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF135763.D

Acq: 13 Oct 2023 20:42

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-05

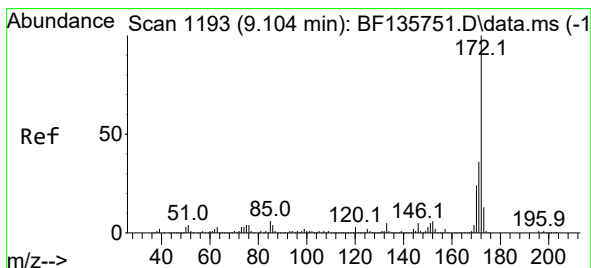
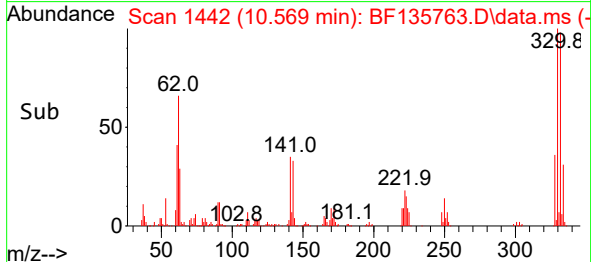
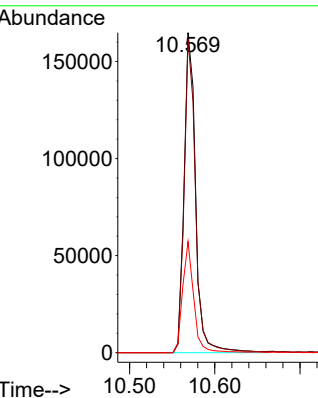
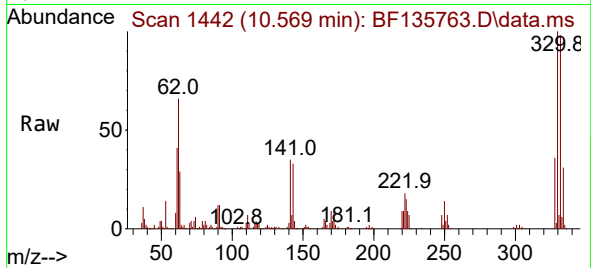
Tgt Ion:330 Resp: 155514

Ion Ratio Lower Upper

330 100

332 96.2 75.0 112.4

141 33.5 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 66.460 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF135763.D

Acq: 13 Oct 2023 20:42

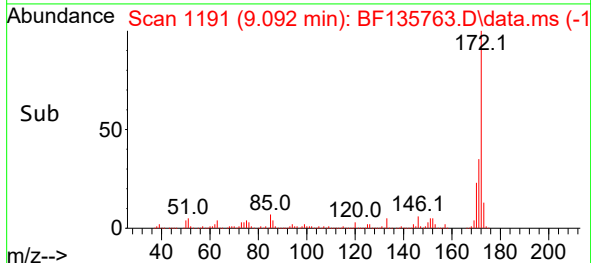
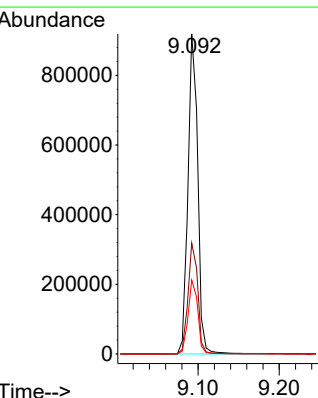
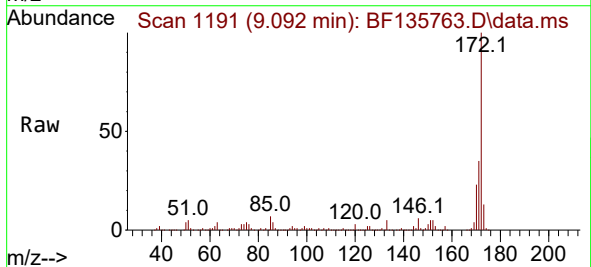
Tgt Ion:172 Resp: 774200

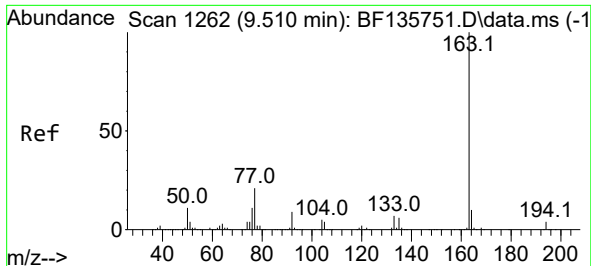
Ion Ratio Lower Upper

172 100

171 34.7 28.4 42.6

170 23.1 18.8 28.2

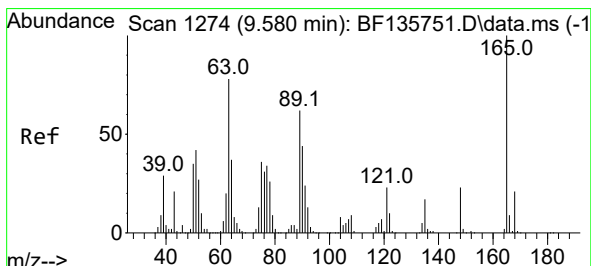
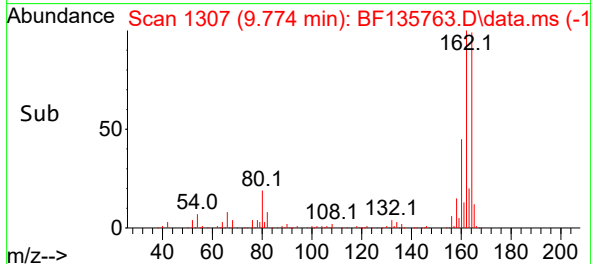
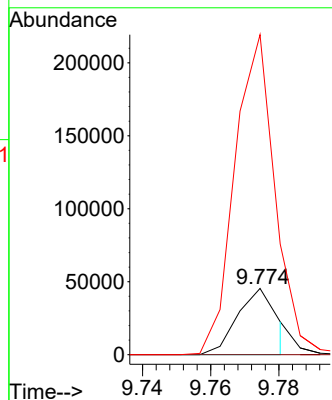
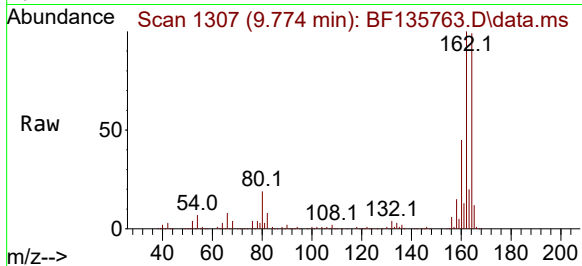




#50
Dimethylphthalate
Concen: 2.975 ng
RT: 9.774 min Scan# 1307
Delta R.T. 0.265 min
Lab File: BF135763.D
Acq: 13 Oct 2023 20:42

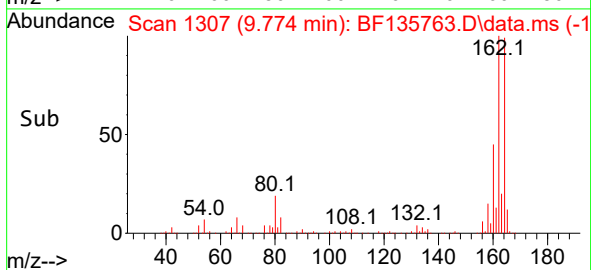
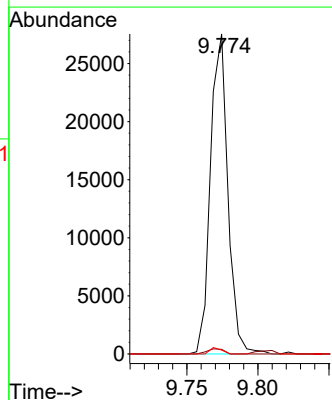
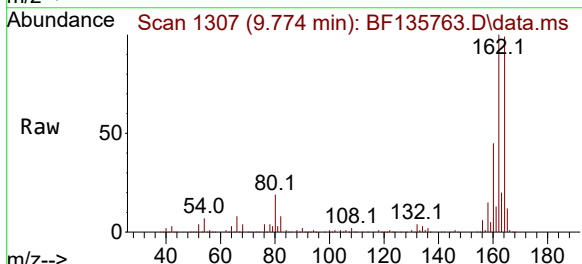
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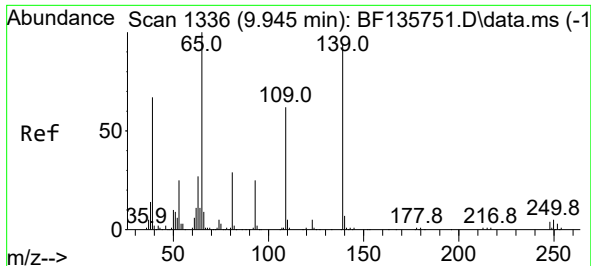
Tgt Ion:163 Resp: 36578
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 483.2 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.880 ng
RT: 9.774 min Scan# 1307
Delta R.T. 0.194 min
Lab File: BF135763.D
Acq: 13 Oct 2023 20:42

Tgt Ion:165 Resp: 23480
Ion Ratio Lower Upper
165 100
63 1.4 62.2 93.4#
89 1.2 49.6 74.4#

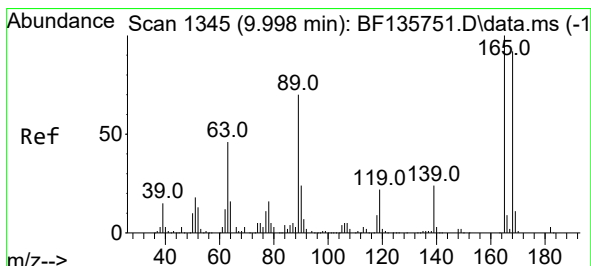
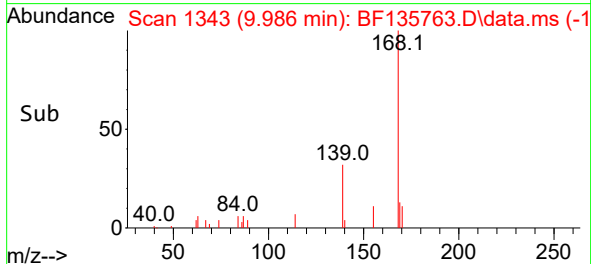
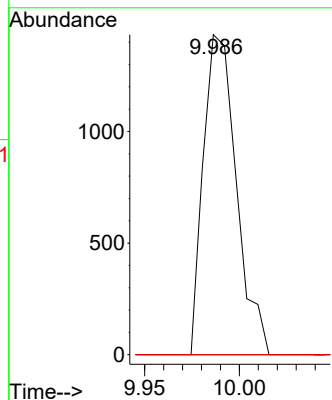
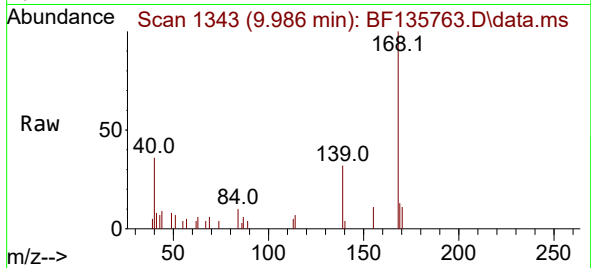




#56
4-Nitrophenol
Concen: 6.586 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.041 min
Lab File: BF135763.D
Acq: 13 Oct 2023 20:42

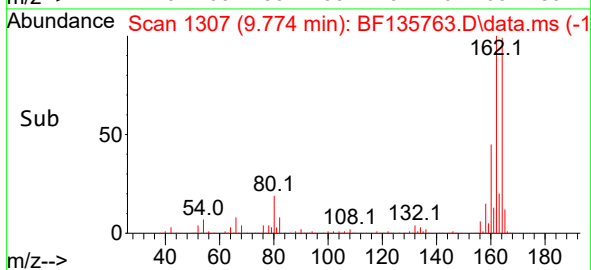
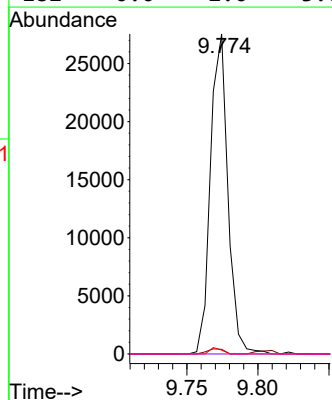
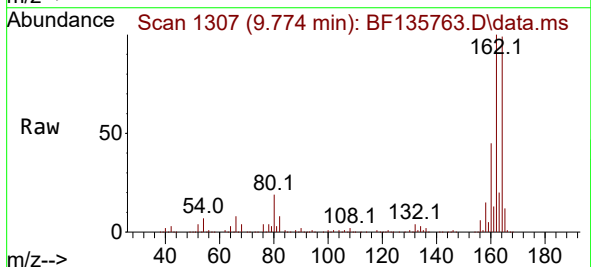
Instrument :
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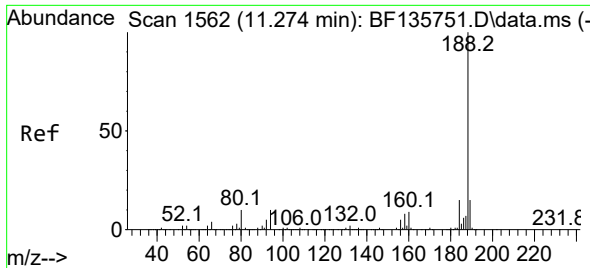
Tgt Ion:139 Resp: 1744
Ion Ratio Lower Upper
139 100
109 0.0 45.6 85.6#
65 0.0 87.5 127.5#



#57
2,4-Dinitrotoluene
Concen: 6.980 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.224 min
Lab File: BF135763.D
Acq: 13 Oct 2023 20:42

Tgt Ion:165 Resp: 23480
Ion Ratio Lower Upper
165 100
63 1.4 39.0 58.4#
89 1.2 55.9 83.9#
182 0.0 2.0 3.0#

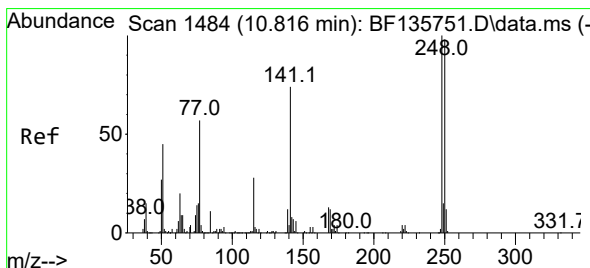
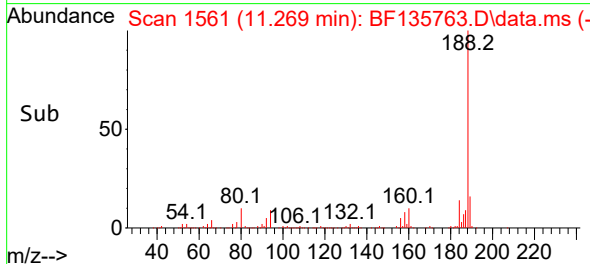
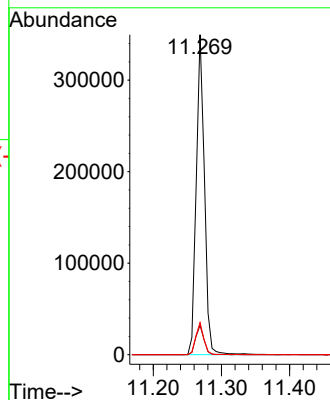
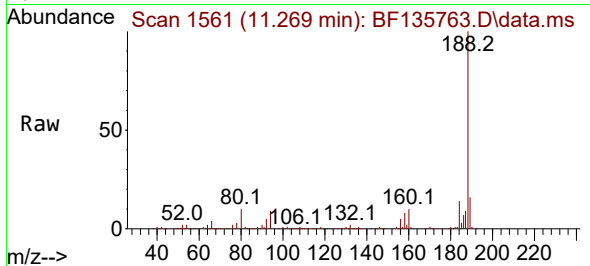




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135763.D
Acq: 13 Oct 2023 20:42

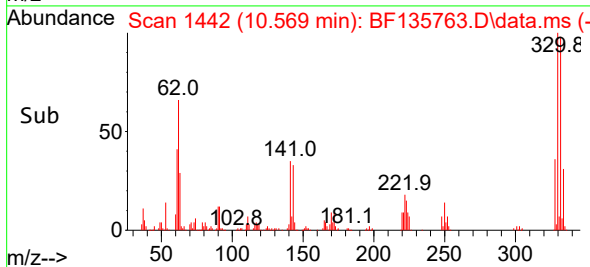
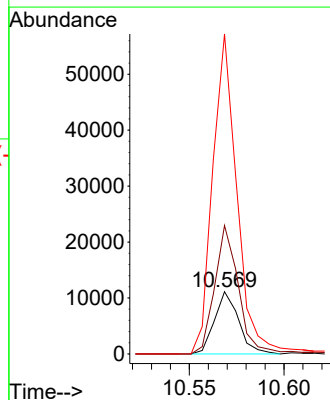
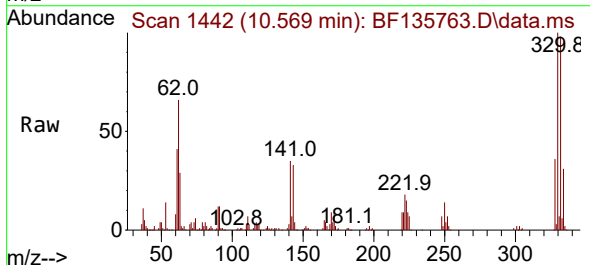
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05

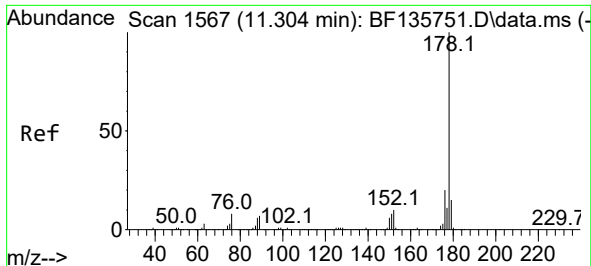
Tgt Ion:188 Resp: 291833
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 10.0 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 3.372 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.247 min
Lab File: BF135763.D
Acq: 13 Oct 2023 20:42

Tgt Ion:248 Resp: 9877
Ion Ratio Lower Upper
248 100
250 206.5 78.0 117.0#
141 514.4 59.0 88.6#

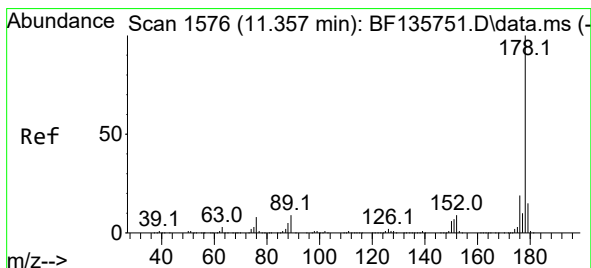
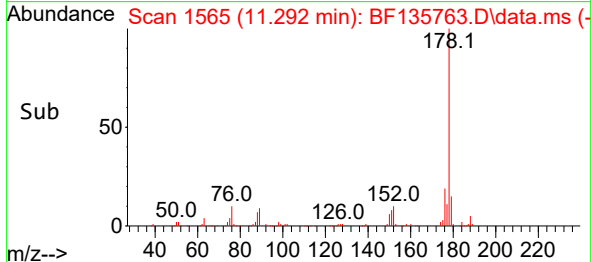
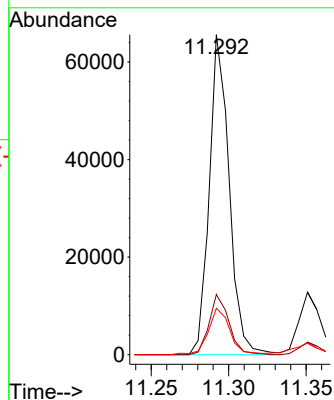
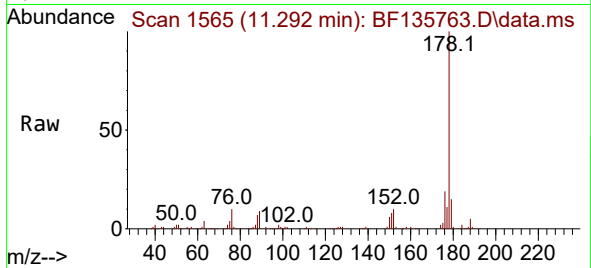




#71
Phenanthrene
Concen: 4.190 ng
RT: 11.292 min Scan# 1565
Delta R.T. -0.012 min
Lab File: BF135763.D
Acq: 13 Oct 2023 20:42

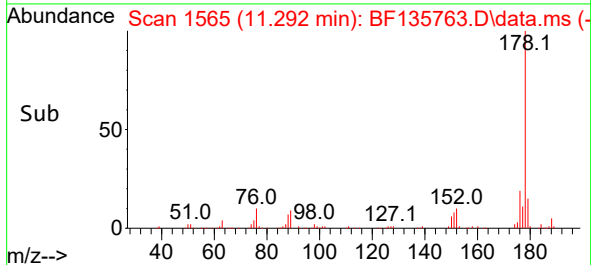
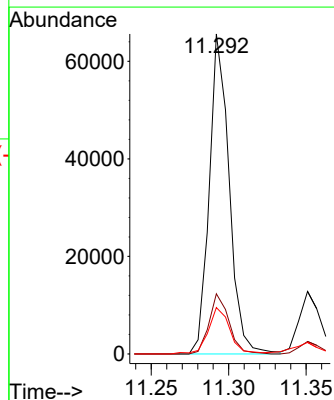
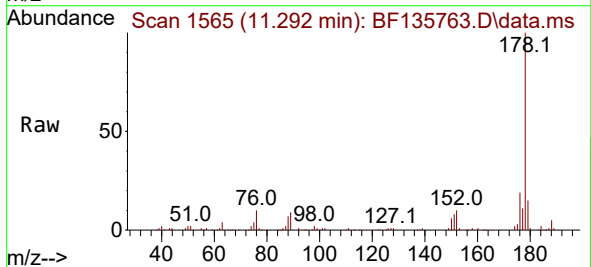
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05

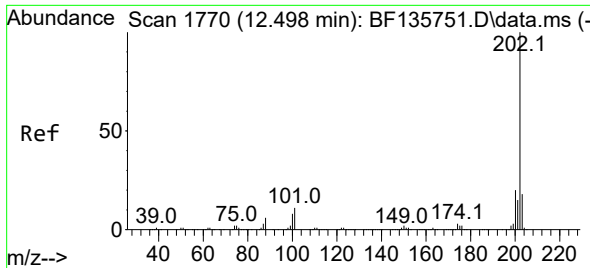
Tgt Ion:178 Resp: 58574
Ion Ratio Lower Upper
178 100
176 18.8 16.0 24.0
179 14.5 12.2 18.4



#72
Anthracene
Concen: 4.043 ng
RT: 11.292 min Scan# 1565
Delta R.T. -0.065 min
Lab File: BF135763.D
Acq: 13 Oct 2023 20:42

Tgt Ion:178 Resp: 58574
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 14.5 12.3 18.5

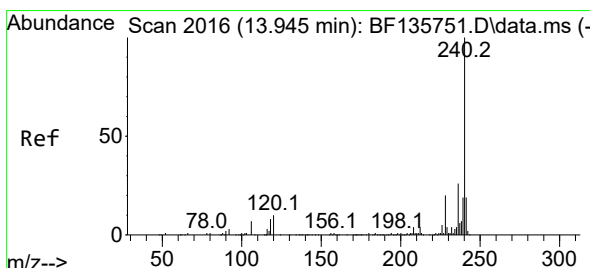
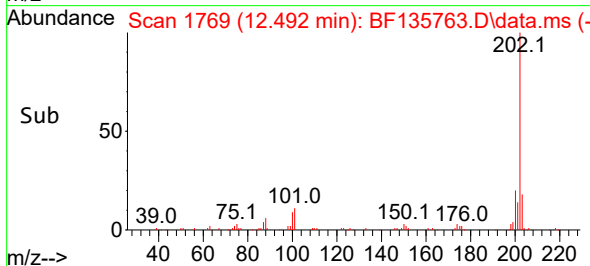
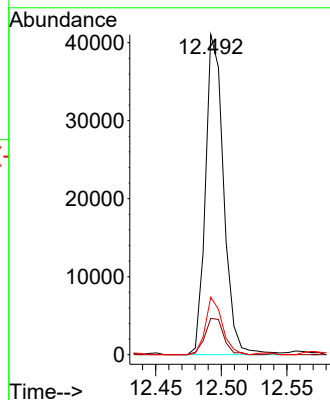
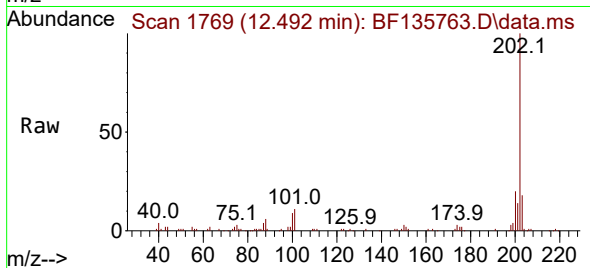




#75
Fluoranthene
Concen: 2.562 ng
RT: 12.492 min Scan# 1770
Delta R.T. -0.006 min
Lab File: BF135763.D
Acq: 13 Oct 2023 20:42

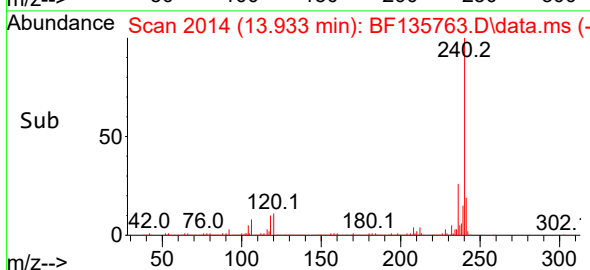
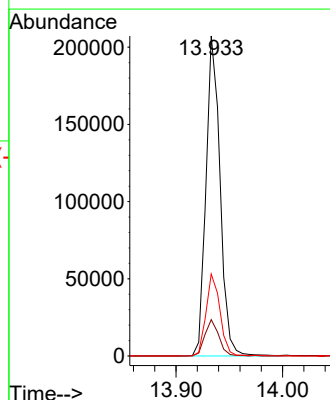
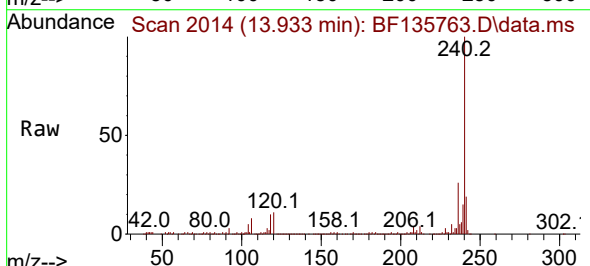
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05

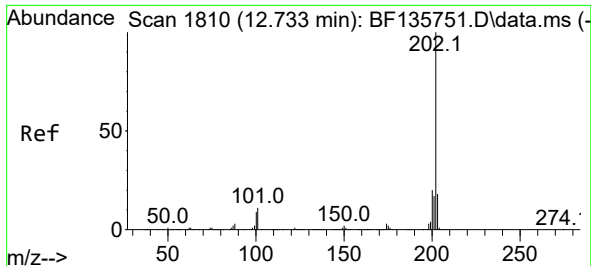
Tgt Ion:202 Resp: 39757
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.5
203 18.0 0.0 38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF135763.D
Acq: 13 Oct 2023 20:42

Tgt Ion:240 Resp: 191524
Ion Ratio Lower Upper
240 100
120 11.4 8.2 12.2
236 25.6 21.2 31.8

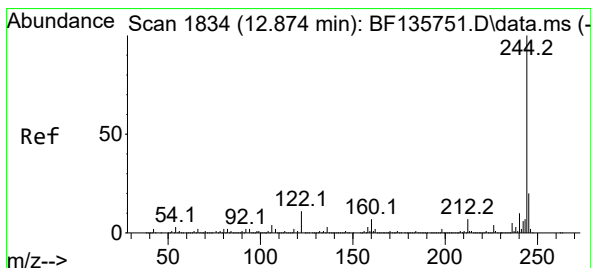
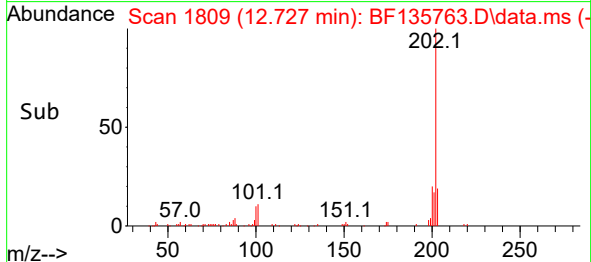
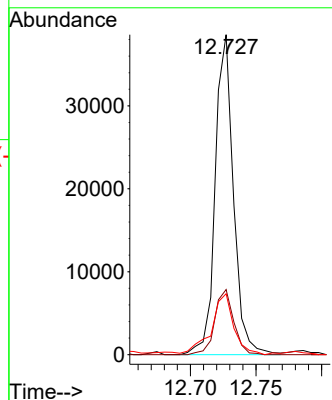
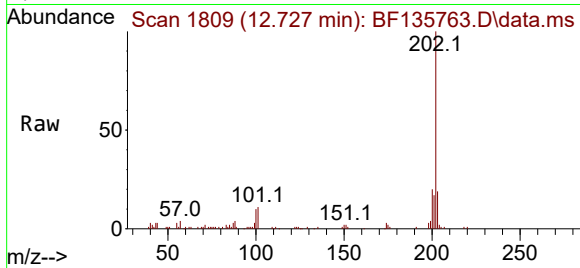




#78
 Pyrene
 Concen: 2.457 ng
 RT: 12.727 min Scan# 1809
 Delta R.T. -0.006 min
 Lab File: BF135763.D
 Acq: 13 Oct 2023 20:42

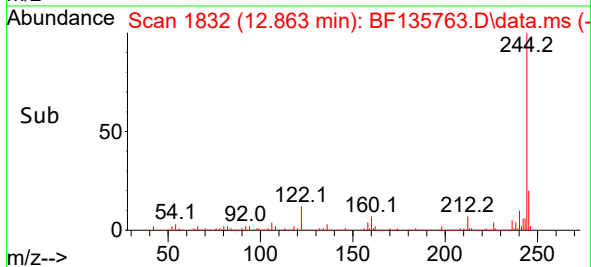
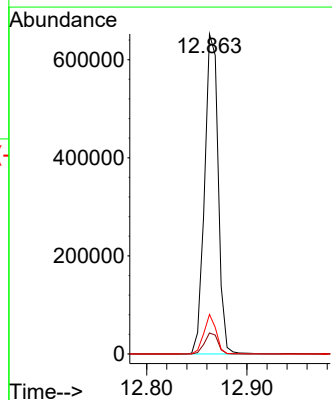
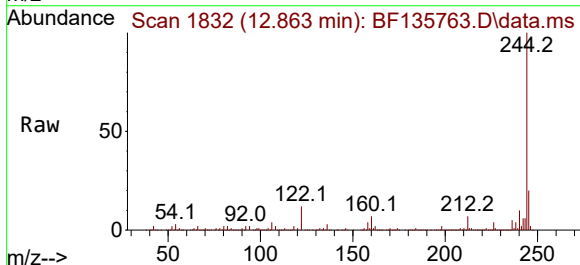
Instrument :
 BNA_F
 ClientSampleId :
 OR-603-COMP-05

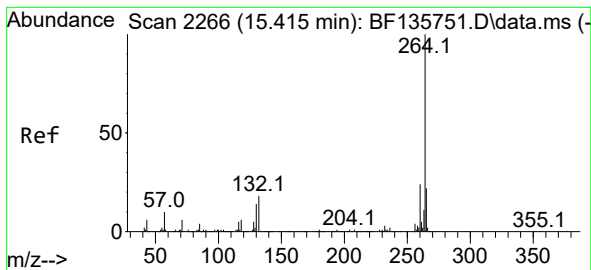
Tgt Ion:202 Resp: 37394
 Ion Ratio Lower Upper
 202 100
 200 20.3 16.1 24.1
 203 19.1 14.2 21.2



#79
 Terphenyl-d14
 Concen: 59.714 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. -0.012 min
 Lab File: BF135763.D
 Acq: 13 Oct 2023 20:42

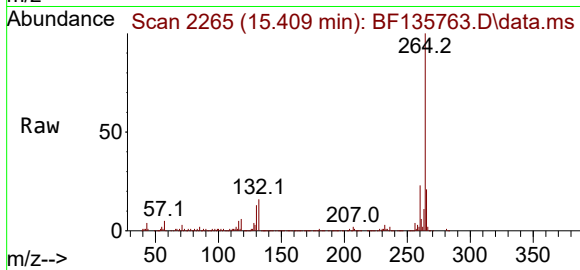
Tgt Ion:244 Resp: 617560
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 12.3 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF135763.D
 Acq: 13 Oct 2023 20:42

Instrument :
 BNA_F
 ClientSampleId :
 OR-603-COMP-05



Tgt Ion:264 Resp: 222650
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.4 17.4 26.2

