

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)

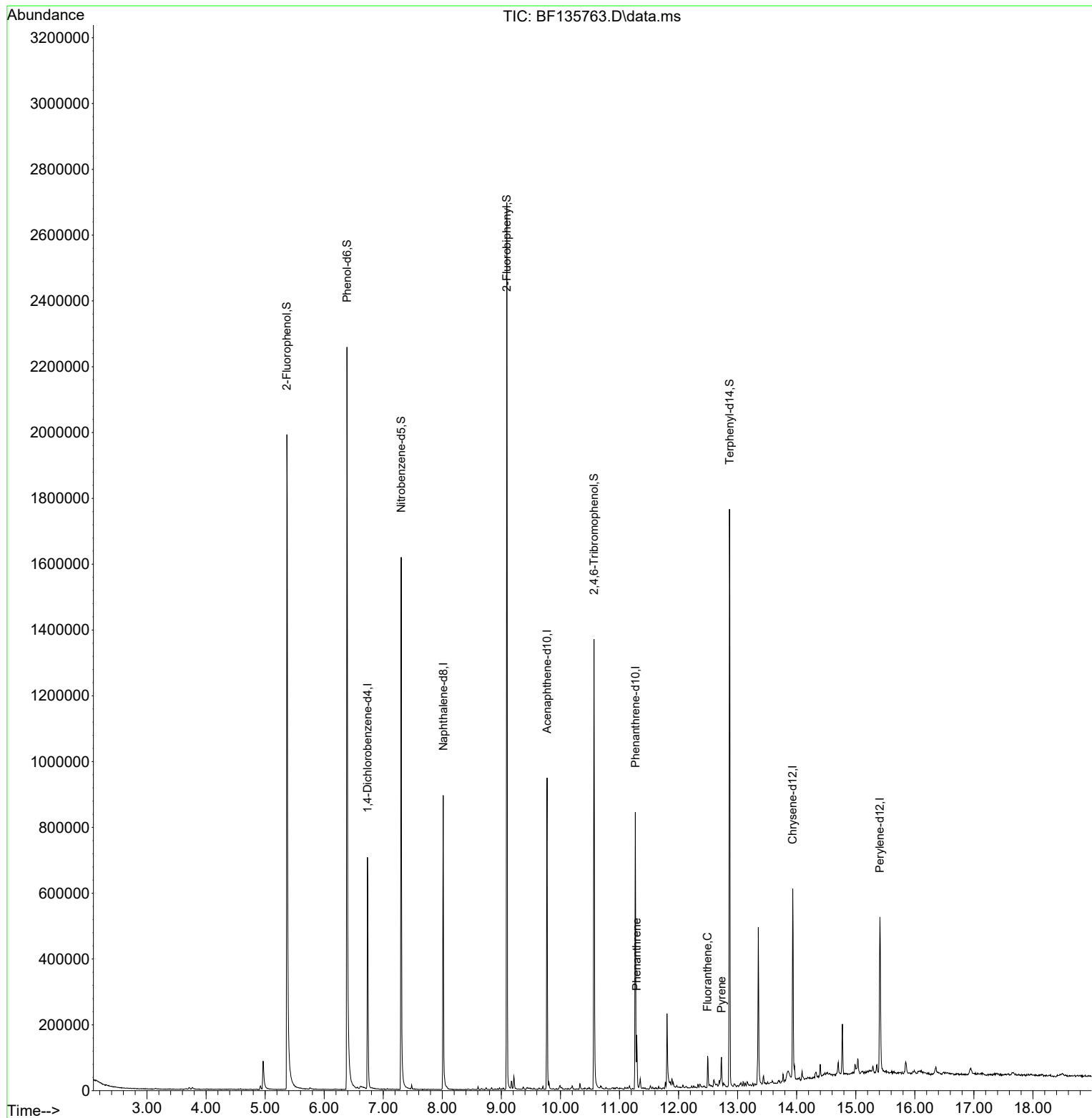
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	107741	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	373594	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	182134	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	291833	20.000	ng	0.00
76) Chrysene-d12	13.933	240	191524	20.000	ng	-0.01
86) Perylene-d12	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
71) Phenanthrene	11.292	178	58574	4.190	ng	98
75) Fluoranthene	12.492	202	39757	2.562	ng	99
78) Pyrene	12.727	202	37394	2.457	ng	98

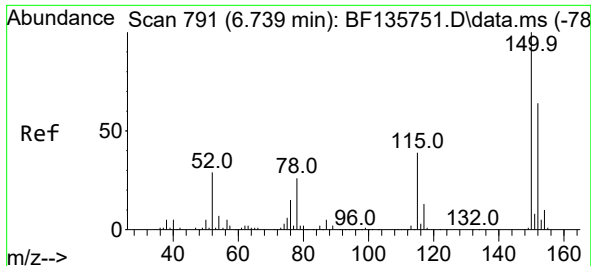
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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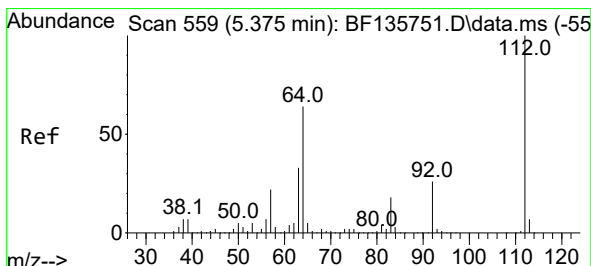
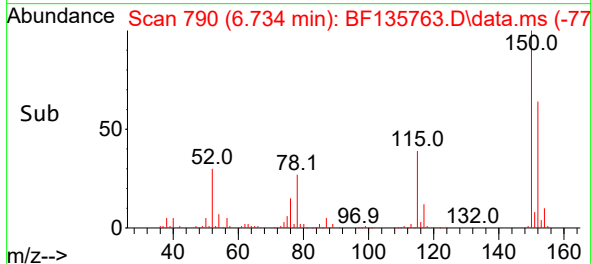
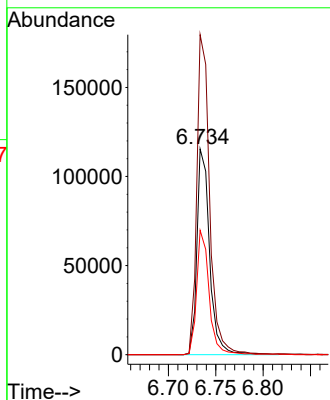
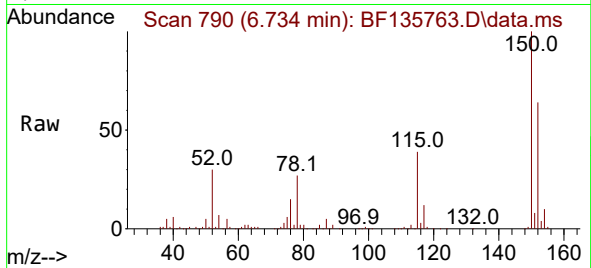




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF135763.D
Acq: 13 Oct 2023 20:42

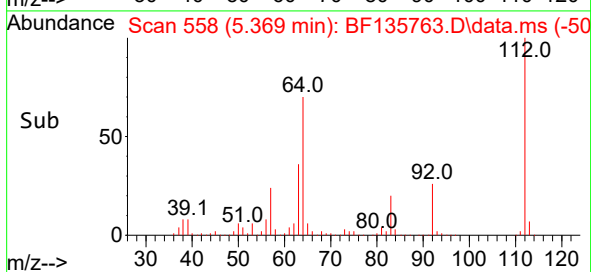
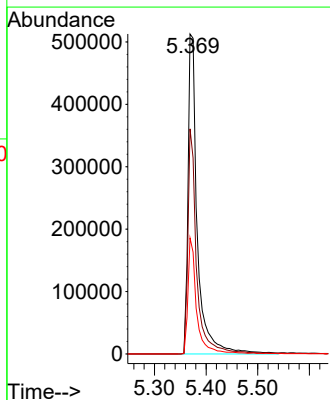
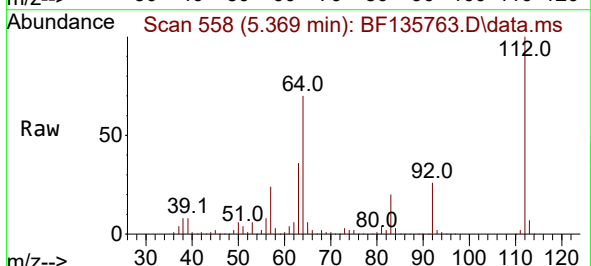
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05

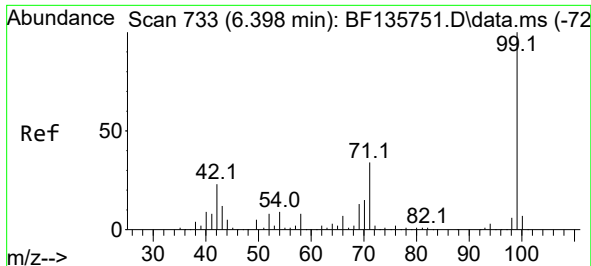
Tgt Ion:152 Resp: 107741
Ion Ratio Lower Upper
152 100
150 155.5 124.5 186.7
115 60.4 49.0 73.4



#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

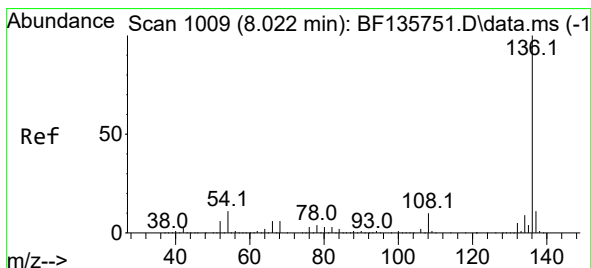
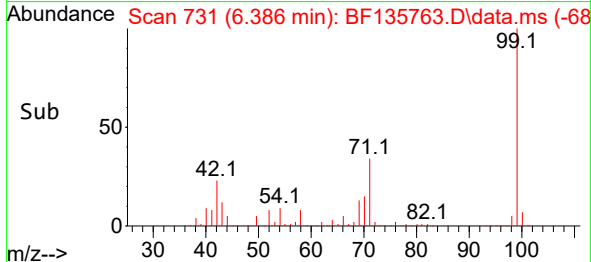
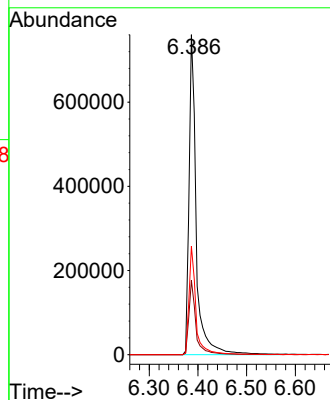
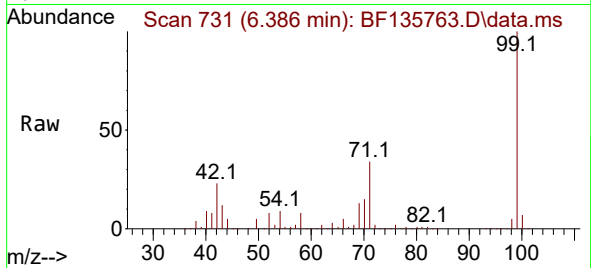




#7
Phenol-d6
Concen: 93.277 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135763.D
Acq: 13 Oct 2023 20:42

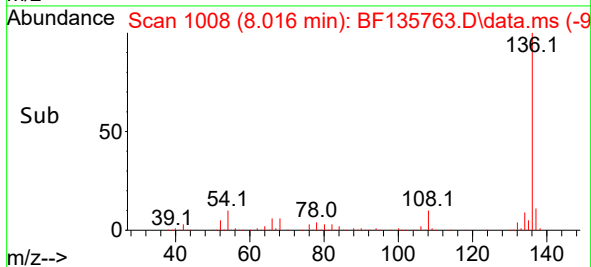
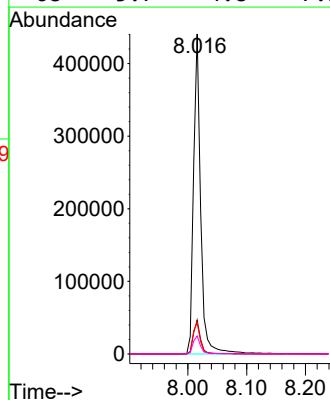
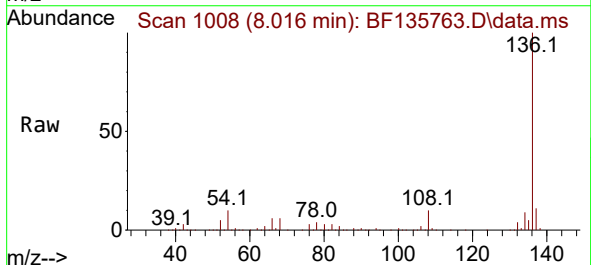
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05

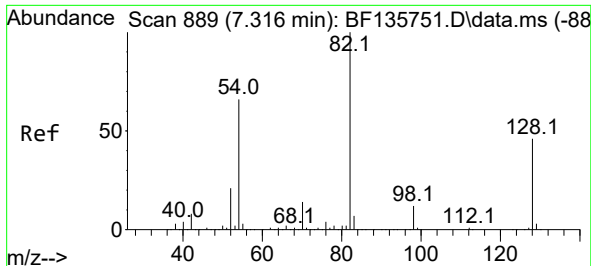
Tgt Ion: 99 Resp: 779929
Ion Ratio Lower Upper
99 100
42 23.2 18.4 27.6
71 33.9 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135763.D
Acq: 13 Oct 2023 20:42

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# 81

Delta R.T. -0.012 min

Lab File: BF135763.D

Acq: 13 Oct 2023 20:42

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-05

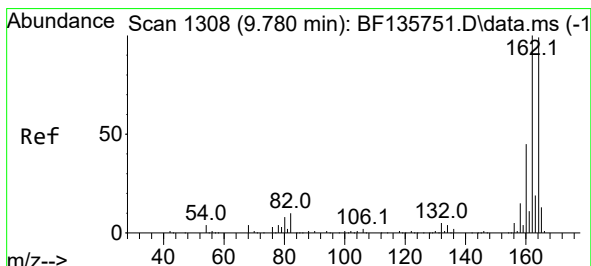
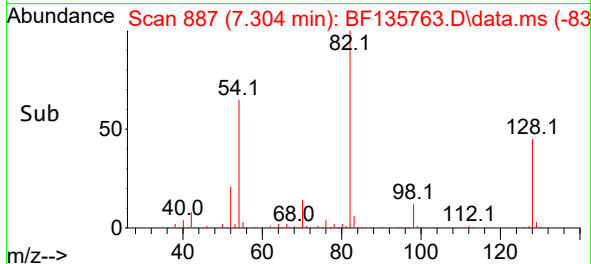
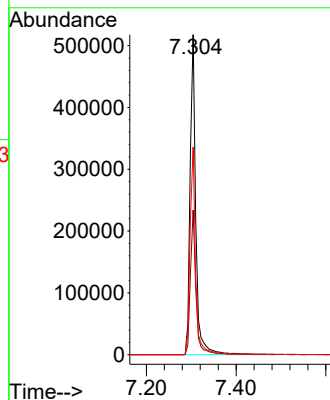
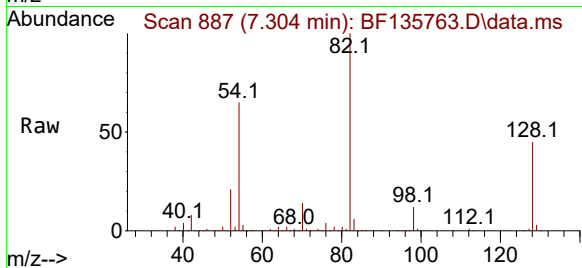
Tgt Ion: 82 Resp: 455187

Ion Ratio Lower Upper

82 100

128 45.2 37.0 55.6

54 64.8 52.8 79.2



#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

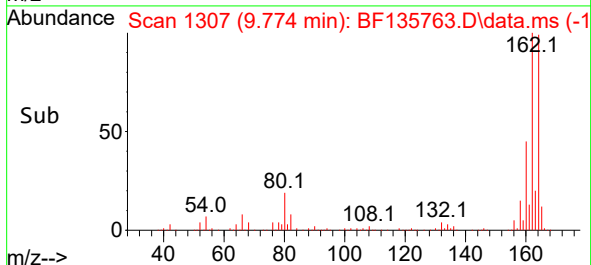
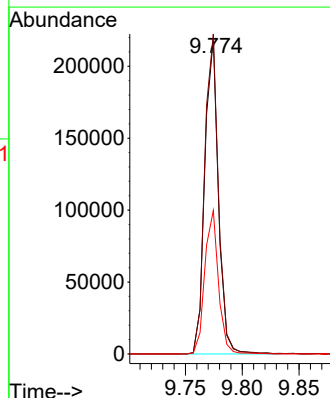
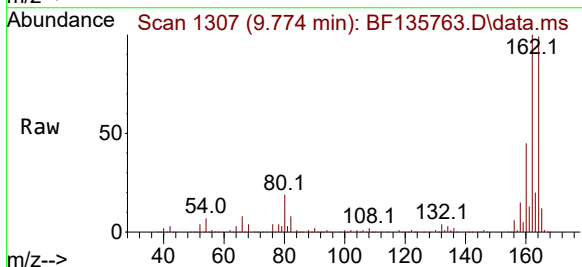
Tgt Ion:164 Resp: 182134

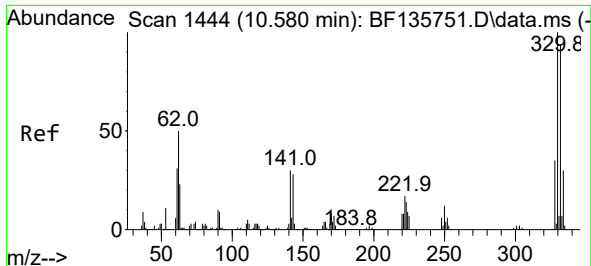
Ion Ratio Lower Upper

164 100

162 101.5 80.8 121.2

160 45.4 36.6 54.8

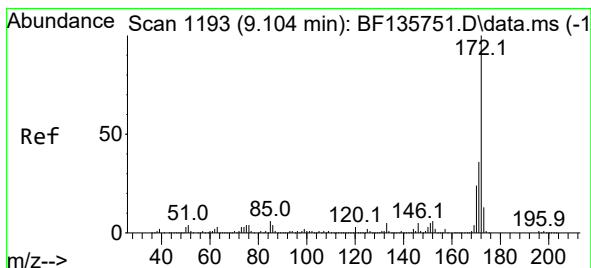
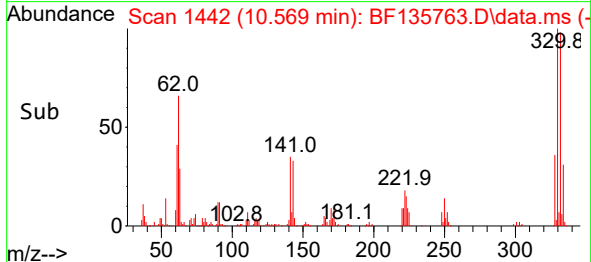
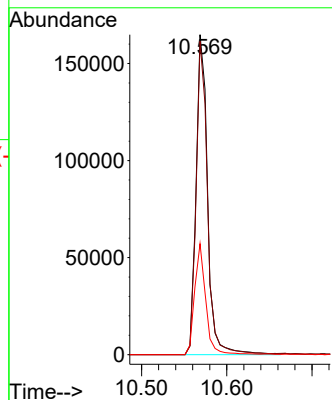
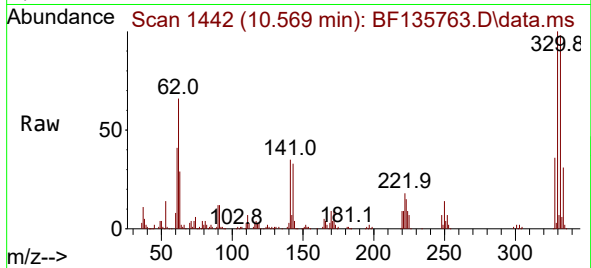




#42
2,4,6-Tribromophenol
Concen: 88.981 ng
RT: 10.569 min Scan# 1444
Delta R.T. -0.012 min
Lab File: BF135763.D
Acq: 13 Oct 2023 20:42

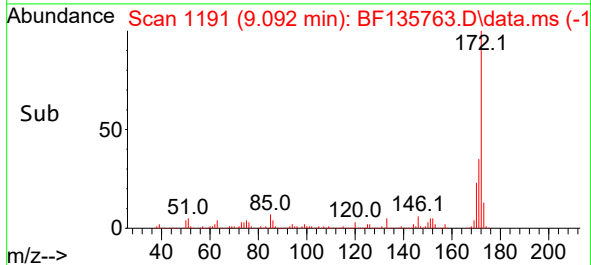
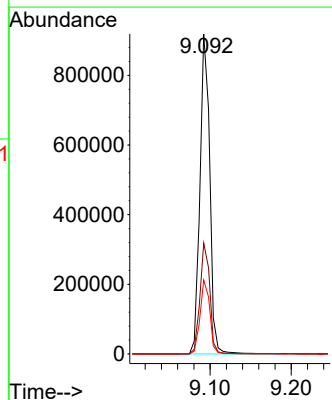
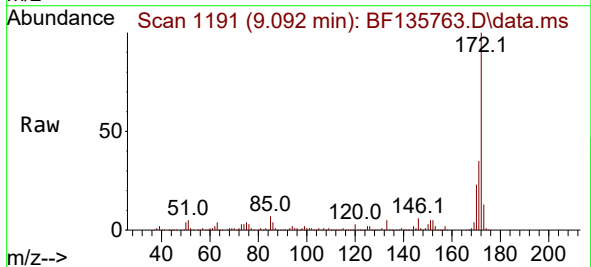
Instrument :
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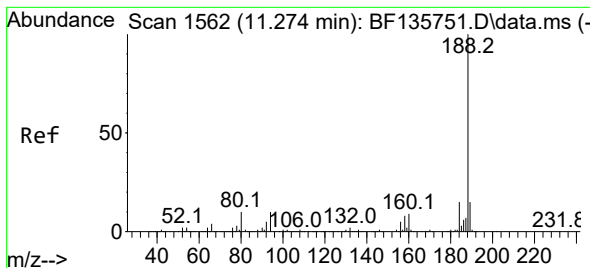
Tgt Ion:330 Resp: 155514
Ion Ratio Lower Upper
330 100
332 96.2 75.0 112.4
141 33.5 25.8 38.6



#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





#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

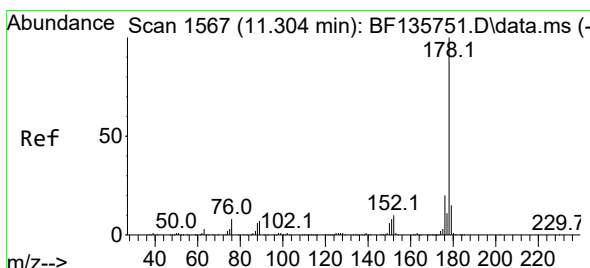
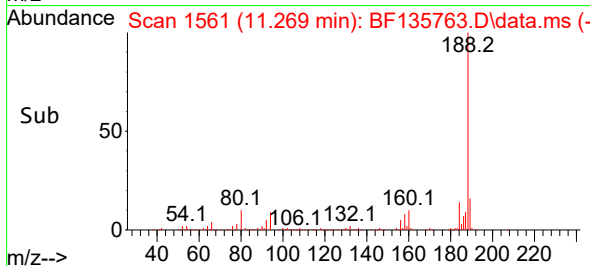
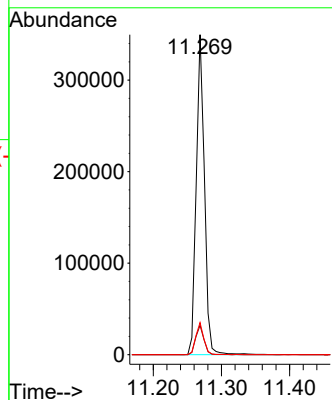
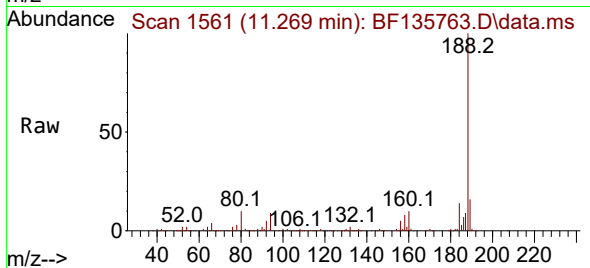
Tgt Ion:188 Resp: 291833

Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

80 10.0 8.3 12.5



#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

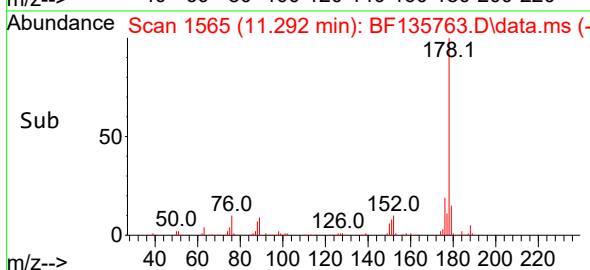
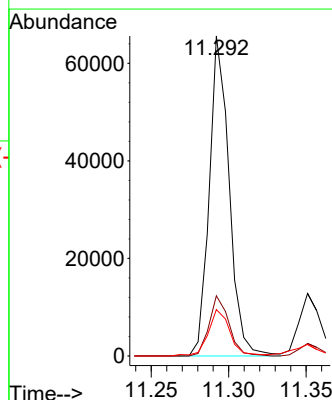
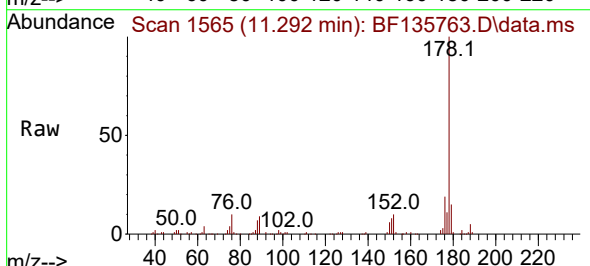
Tgt Ion:178 Resp: 58574

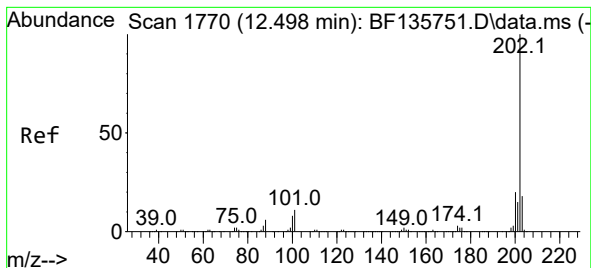
Ion Ratio Lower Upper

178 100

176 18.8 16.0 24.0

179 14.5 12.2 18.4





#75

Fluoranthene

Concen: 2.562 ng

RT: 12.492 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135763.D

Acq: 13 Oct 2023 20:42

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-05

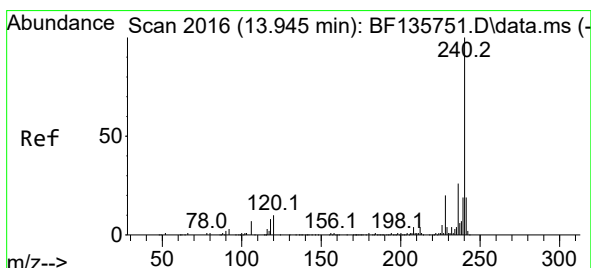
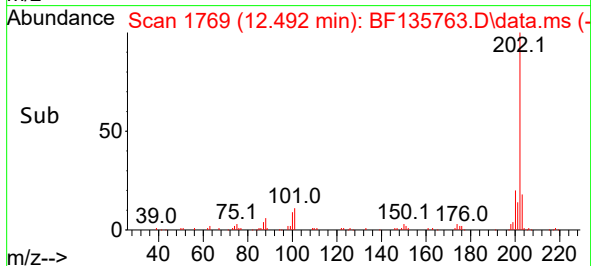
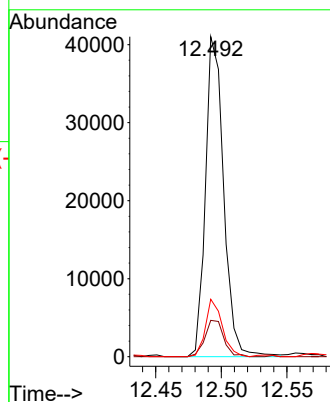
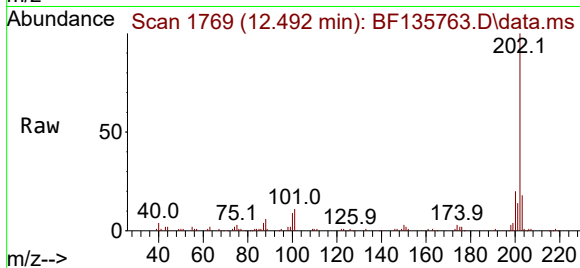
Tgt Ion:202 Resp: 39757

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

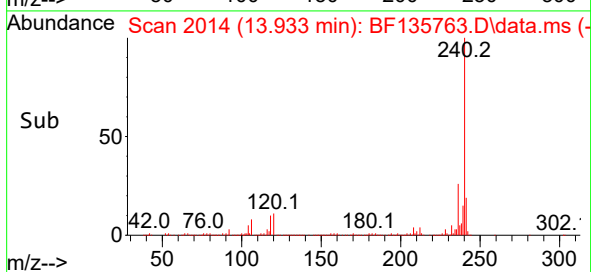
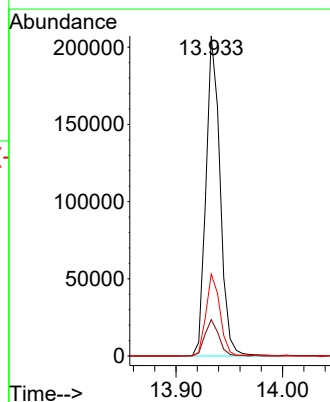
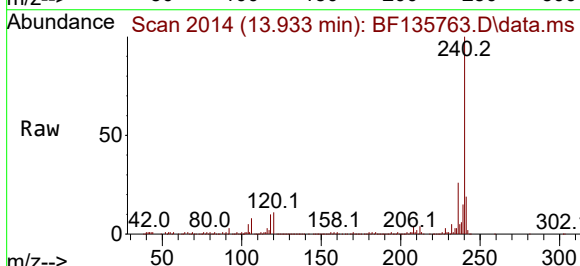
Tgt Ion:240 Resp: 191524

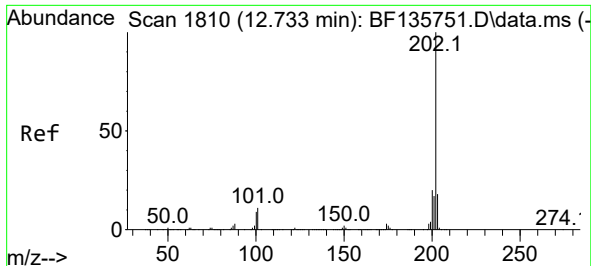
Ion Ratio Lower Upper

240 100

120 11.4 8.2 12.2

236 25.6 21.2 31.8

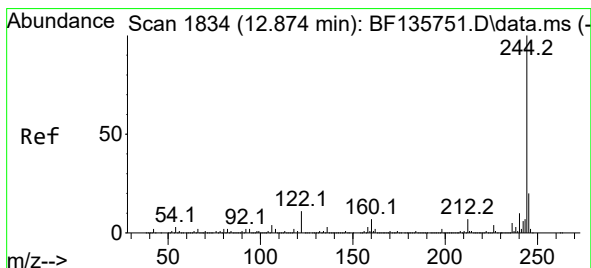
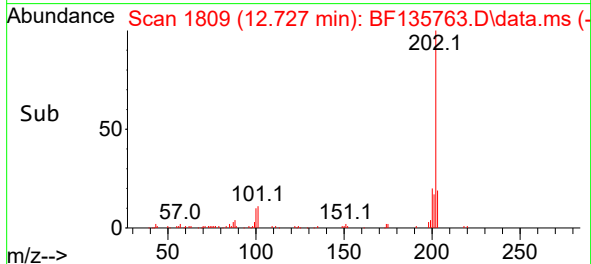
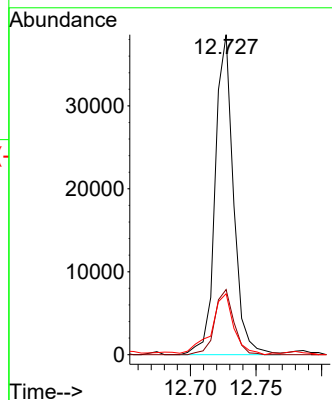
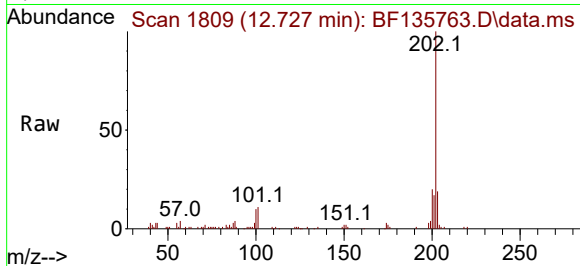




#78
 Pyrene
 Concen: 2.457 ng
 RT: 12.727 min Scan# 1809
 Delta R.T. -0.006 min
 Lab File: BF135763.D
 Acq: 13 Oct 2023 20:42

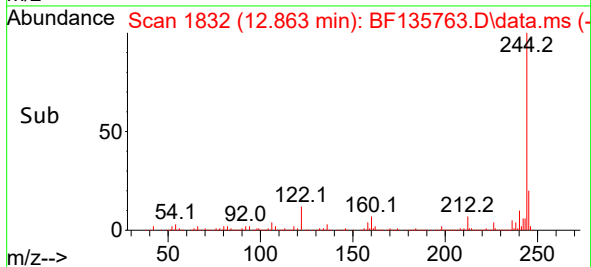
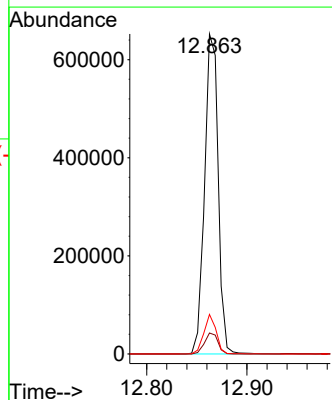
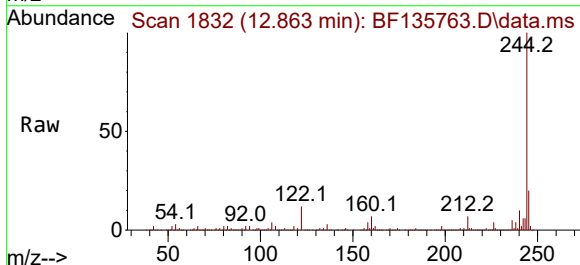
Instrument :
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 OR-603-COMP-05

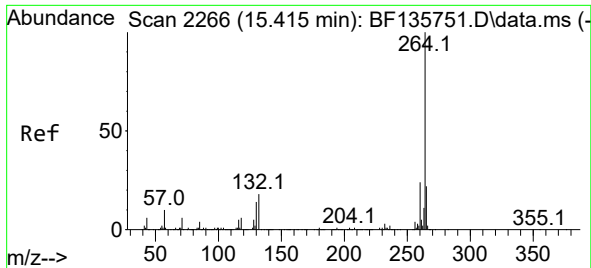
Tgt Ion:202 Resp: 37394
 Ion Ratio Lower Upper
 202 100
 200 20.3 16.1 24.1
 203 19.1 14.2 21.2



#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

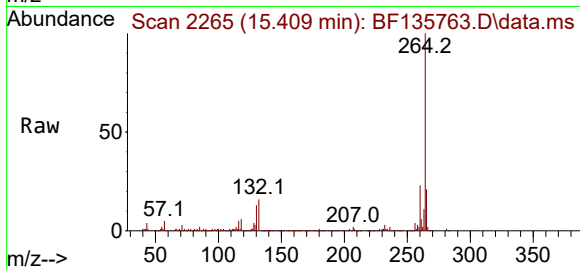
Tgt Ion:244 Resp: 617560
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 12.3 9.0 13.6





#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

