

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135558.D
 Acq On : 03 Oct 2023 23:58
 Operator : CG\JU
 Sample : 04627-25
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-13

Quant Time: Oct 04 07:14:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 06:58:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	170174	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	643155	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	313221	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	600011	20.000	ng	# 0.00
76) Chrysene-d12	13.922	240	317351	20.000	ng	0.00
86) Perylene-d12	15.386	264	347018	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	859916	82.187	ng	0.00
7) Phenol-d6	6.387	99	1100482	82.717	ng	0.00
23) Nitrobenzene-d5	7.304	82	690946	58.366	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	245094	78.741	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1186191	57.136	ng	0.00
79) Terphenyl-d14	12.863	244	1157516	56.542	ng	0.00

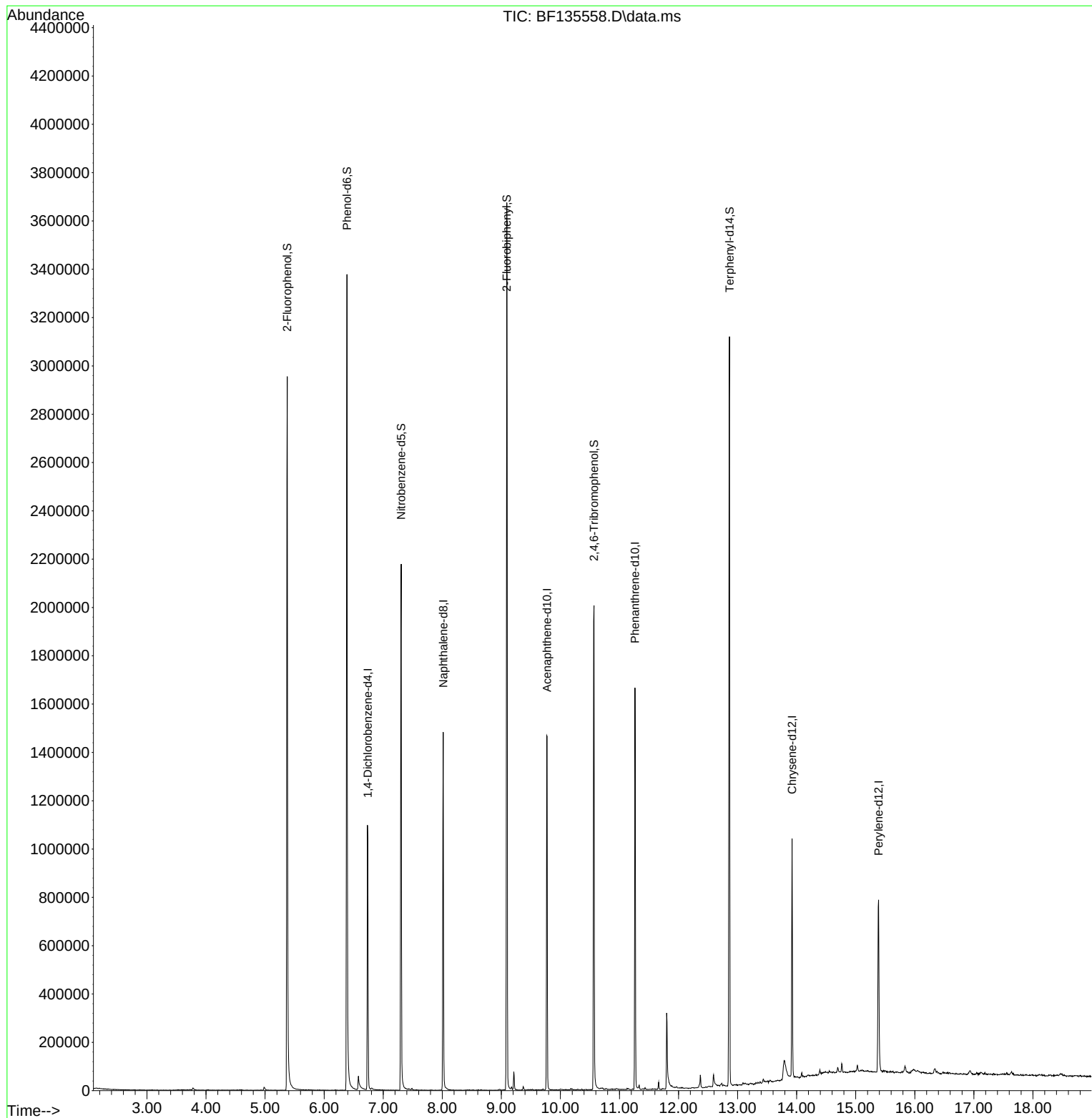
Target Compounds	Qvalue

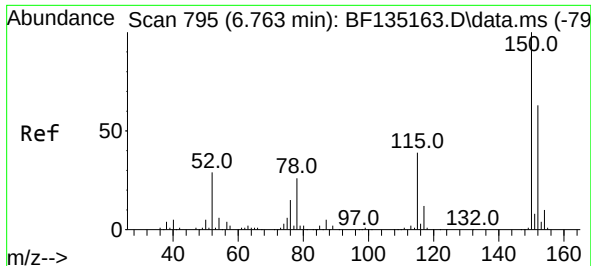
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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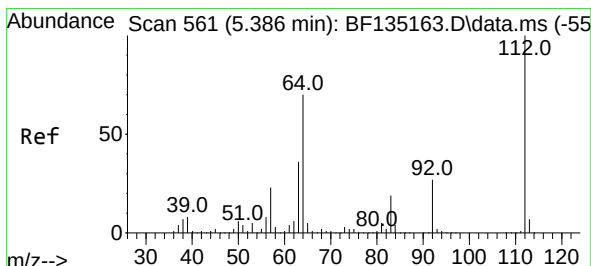
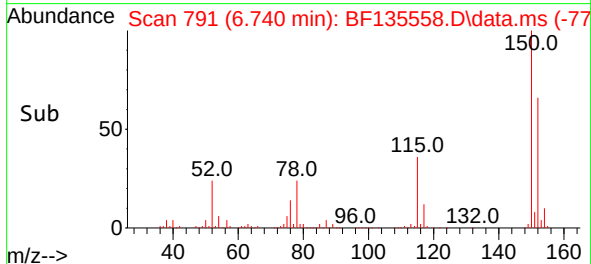
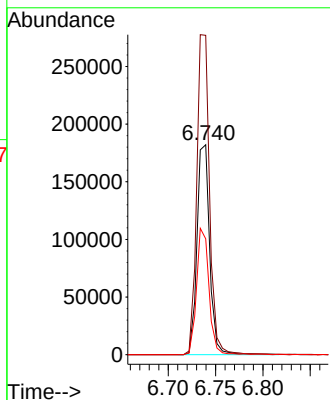
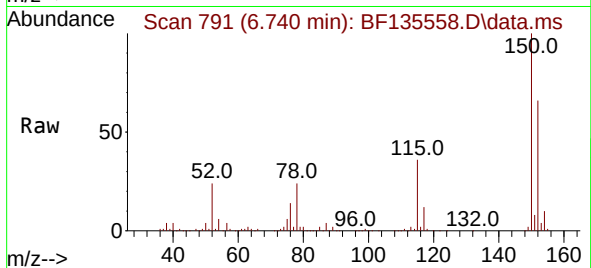




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135558.D
Acq: 03 Oct 2023 23:58

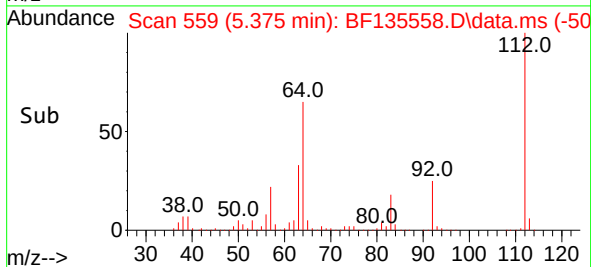
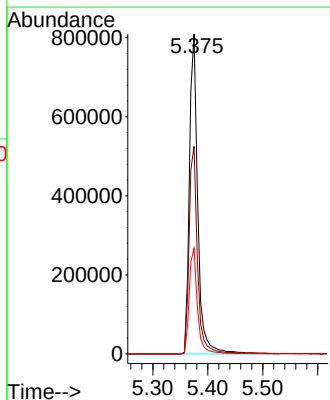
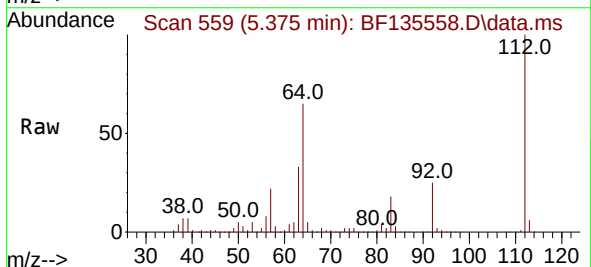
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-13

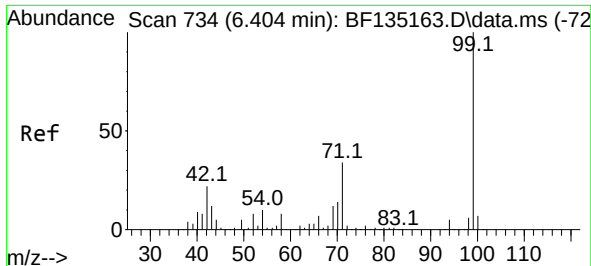
Tgt Ion:152 Resp: 170174
Ion Ratio Lower Upper
152 100
150 152.1 127.8 191.6
115 55.2 49.8 74.8



#5
2-Fluorophenol
Concen: 82.187 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135558.D
Acq: 03 Oct 2023 23:58

Tgt Ion:112 Resp: 859916
Ion Ratio Lower Upper
112 100
64 64.9 55.9 83.9
63 33.0 29.0 43.6

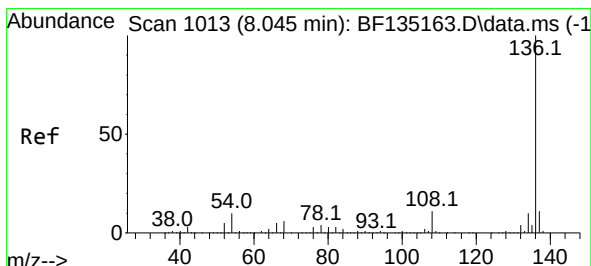
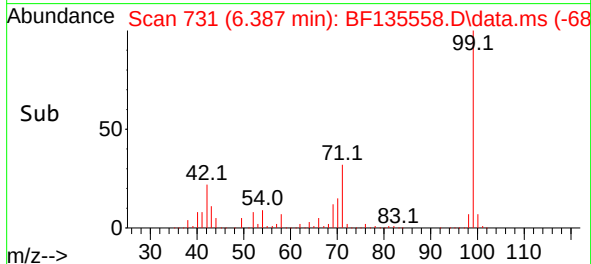
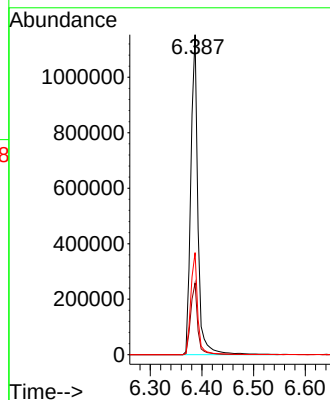
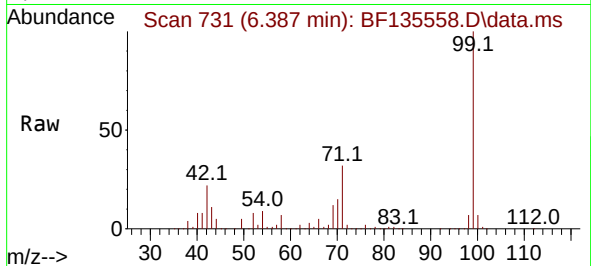




#7
Phenol-d6
Concen: 82.717 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135558.D
Acq: 03 Oct 2023 23:58

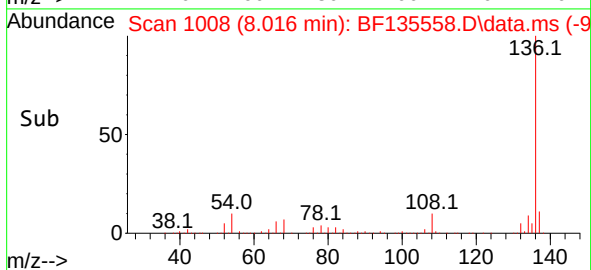
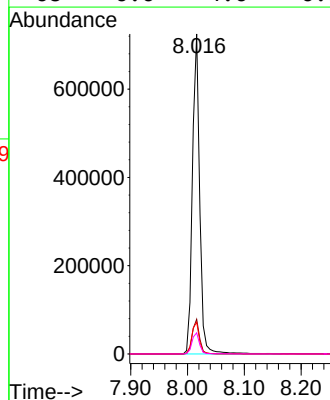
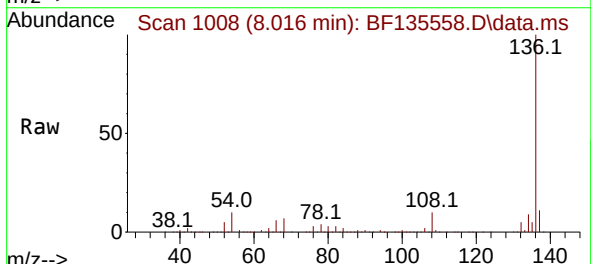
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-13

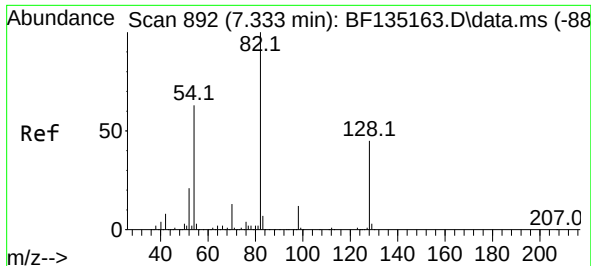
Tgt Ion: 99 Resp: 1100482
Ion Ratio Lower Upper
99 100
42 22.4 17.9 26.9
71 31.9 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF135558.D
Acq: 03 Oct 2023 23:58

Tgt Ion: 136 Resp: 643155
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.9 7.7 11.5
68 6.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 58.366 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135558.D

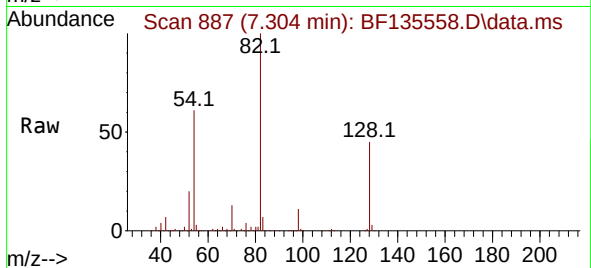
Acq: 03 Oct 2023 23:58

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-13



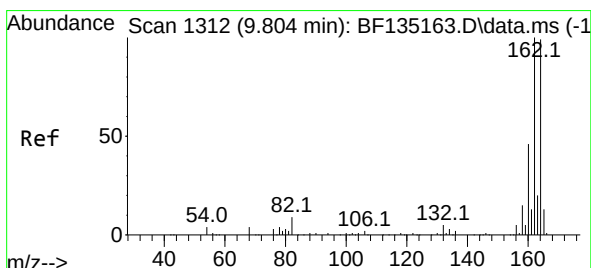
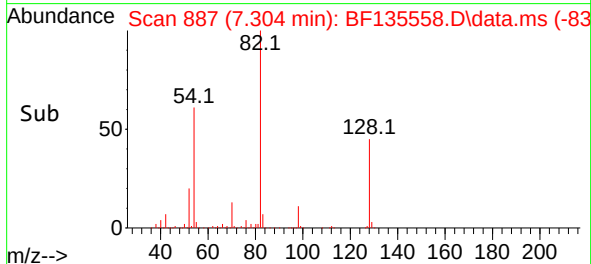
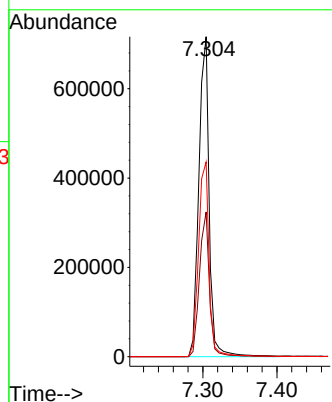
Tgt Ion: 82 Resp: 690946

Ion Ratio Lower Upper

82 100

128 45.3 35.8 53.6

54 60.9 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. 0.000 min

Lab File: BF135558.D

Acq: 03 Oct 2023 23:58

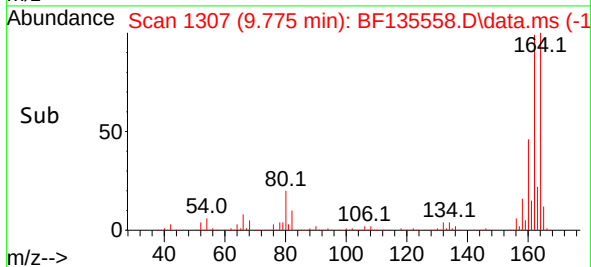
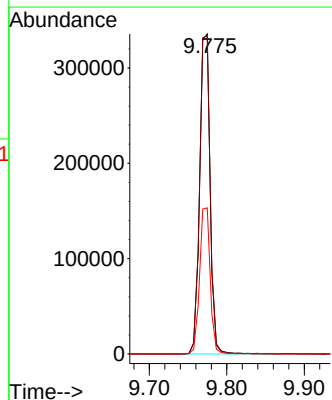
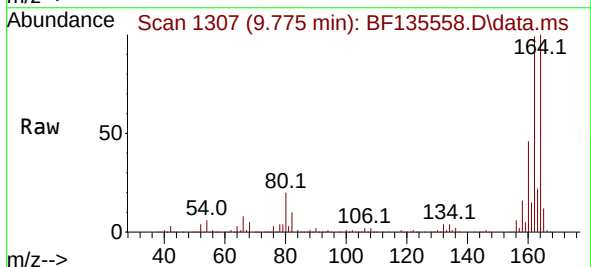
Tgt Ion: 164 Resp: 313221

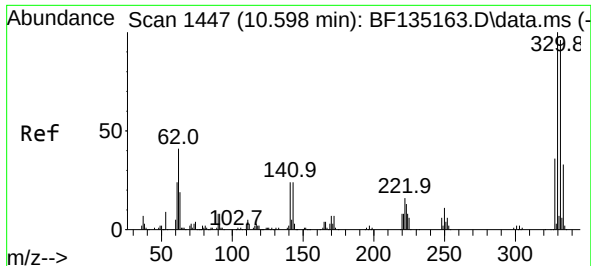
Ion Ratio Lower Upper

164 100

162 99.4 81.0 121.4

160 45.6 37.0 55.4

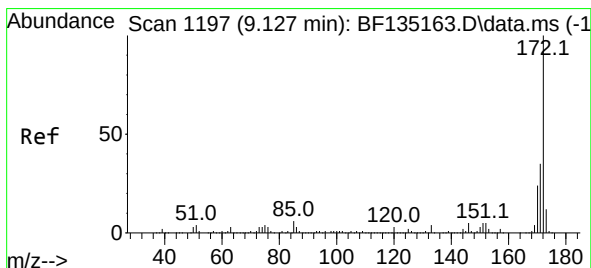
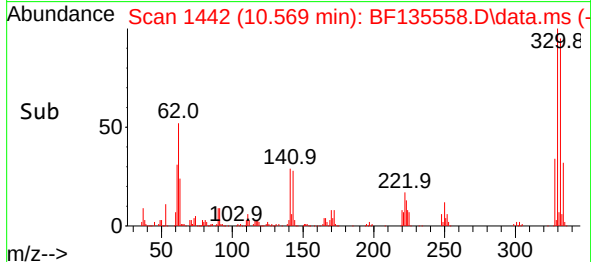
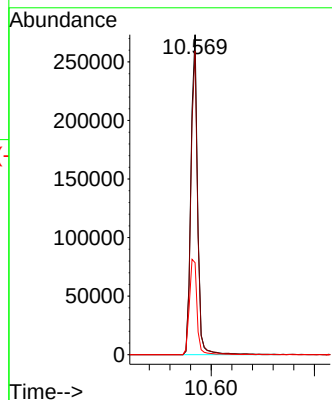
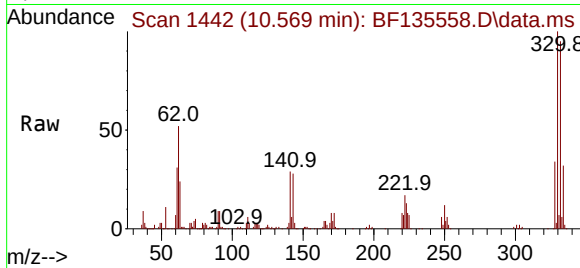




#42
 2,4,6-Tribromophenol
 Concen: 78.741 ng
 RT: 10.569 min Scan# 1442
 Delta R.T. 0.000 min
 Lab File: BF135558.D
 Acq: 03 Oct 2023 23:58

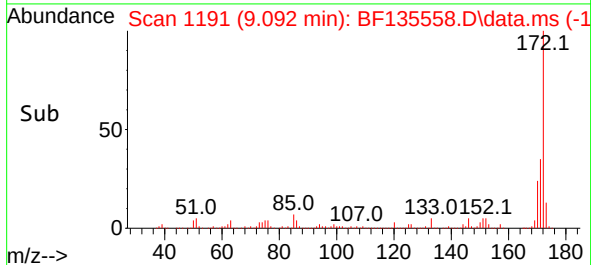
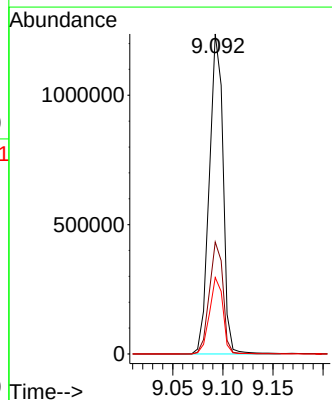
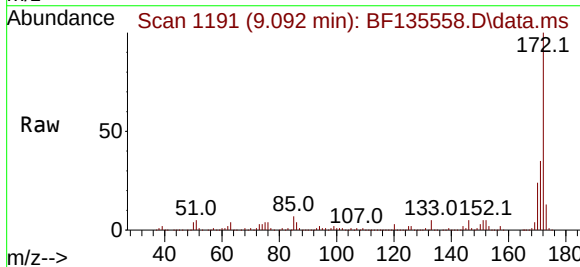
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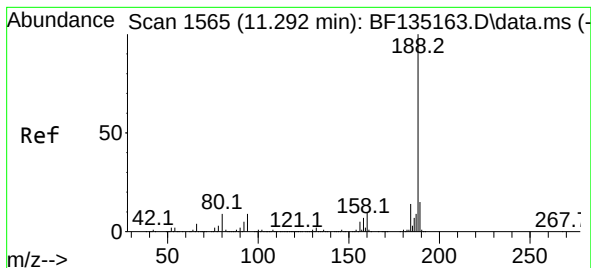
Tgt Ion: 330 Resp: 245094
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.3 115.9
 141 34.0 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 57.136 ng
 RT: 9.092 min Scan# 1191
 Delta R.T. -0.006 min
 Lab File: BF135558.D
 Acq: 03 Oct 2023 23:58

Tgt Ion: 172 Resp: 1186191
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.4 42.6
 170 23.9 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135558.D

Acq: 03 Oct 2023 23:58

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-13

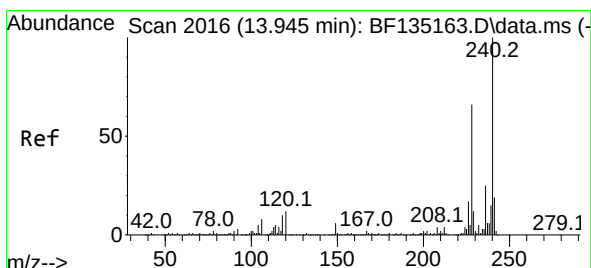
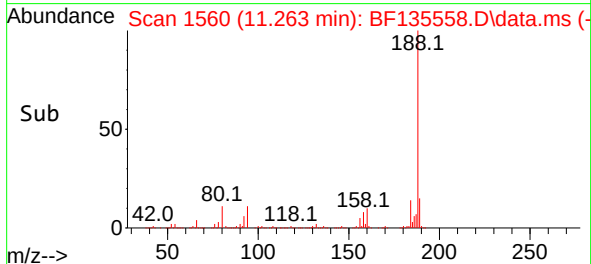
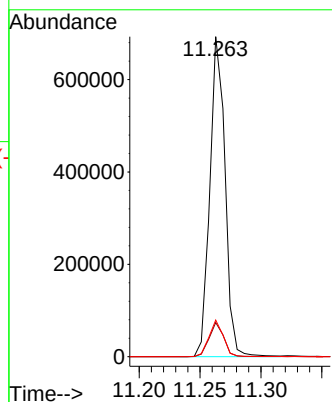
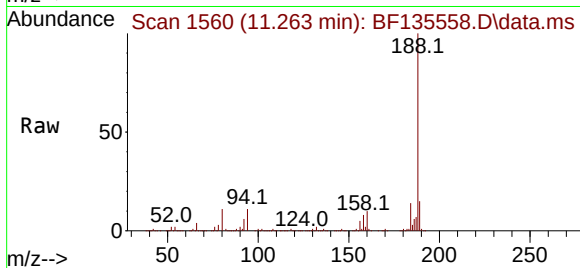
Tgt Ion:188 Resp: 600011

Ion Ratio Lower Upper

188 100

94 10.6 7.0 10.6#

80 11.5 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.922 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF135558.D

Acq: 03 Oct 2023 23:58

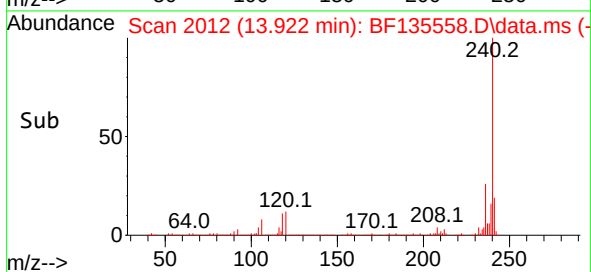
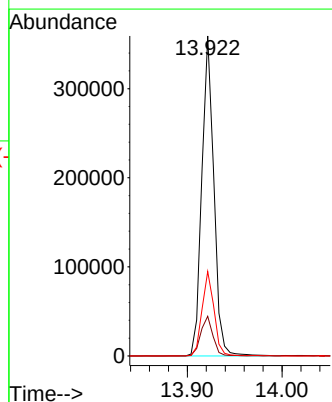
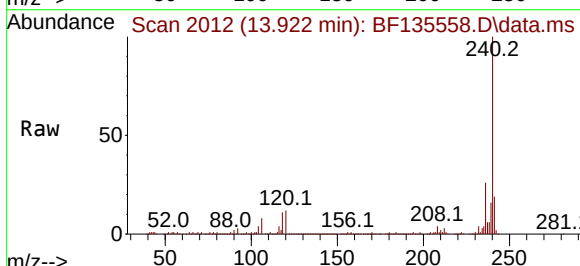
Tgt Ion:240 Resp: 317351

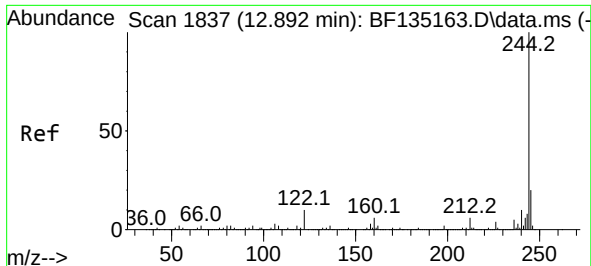
Ion Ratio Lower Upper

240 100

120 12.4 9.4 14.2

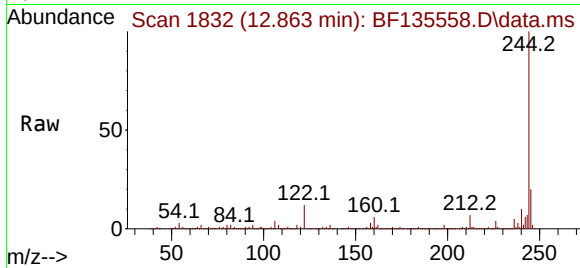
236 26.4 19.8 29.8



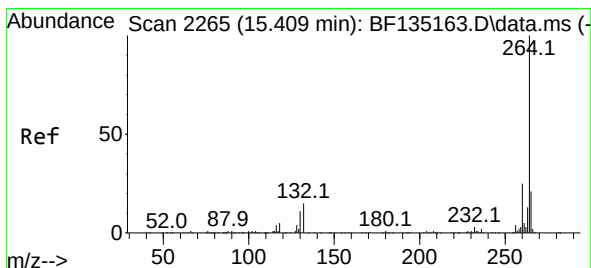
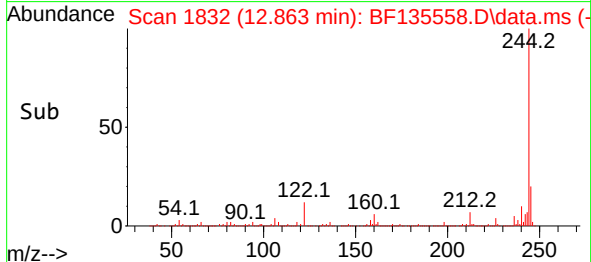
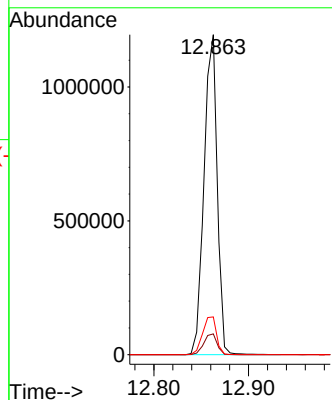


#79
 Terphenyl-d14
 Concen: 56.542 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF135558.D
 Acq: 03 Oct 2023 23:58

Instrument :
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 280-300FB-BACKFILL-13



Tgt Ion:244 Resp: 1157516
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 11.8 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2261
 Delta R.T. 0.000 min
 Lab File: BF135558.D
 Acq: 03 Oct 2023 23:58

Tgt Ion:264 Resp: 347018
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.8 29.6
 265 22.1 17.0 25.4

