

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135848.D
 Acq On : 18 Oct 2023 15:36
 Operator : CG\JU
 Sample : 04858-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Quant Time: Oct 18 16:13:10 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	6.739	152	98459	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	368648	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	190318	20.000	ng	-0.01
64) Phenanthrene-d10	11.274	188	338860	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	188494	20.000	ng	-0.01
86) Perylene-d12	15.421	264	176464	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	820720	134.017	ng	0.02
7) Phenol-d6	6.398	99	951054	124.466	ng	0.00
23) Nitrobenzene-d5	7.310	82	658959	98.311	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	290453	159.043	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1116490	91.722	ng	0.00
79) Terphenyl-d14	12.874	244	1164422	114.402	ng	0.00

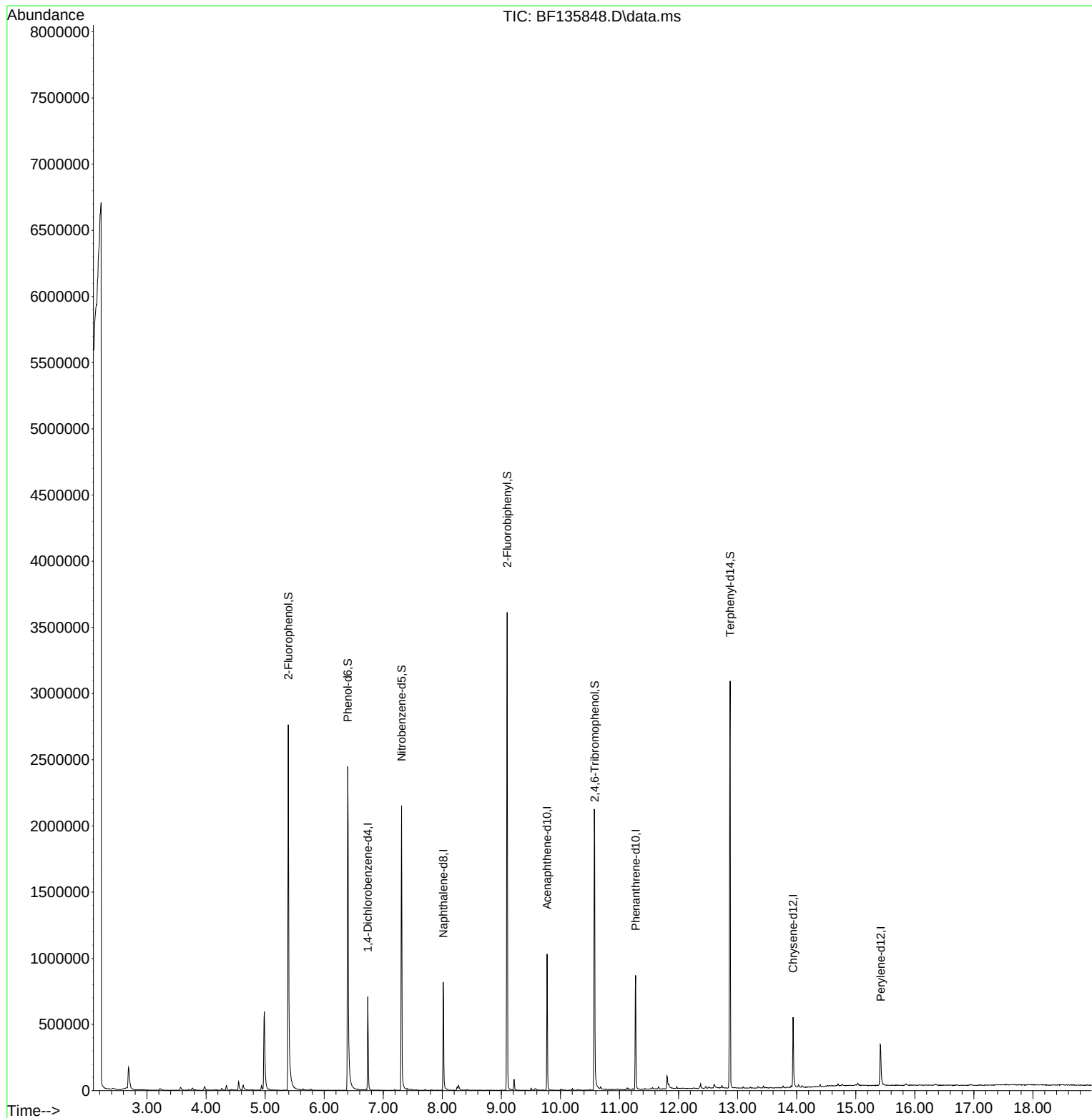
Target Compounds	Qvalue

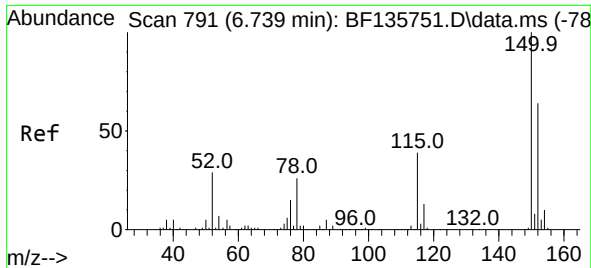
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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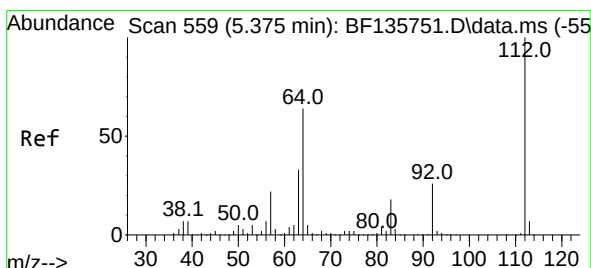
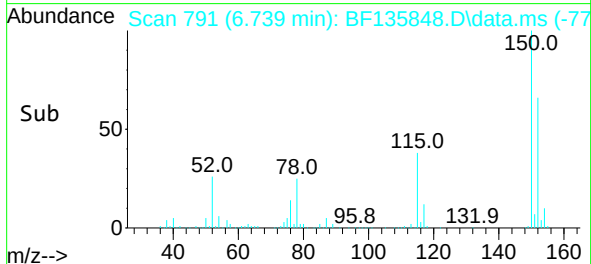
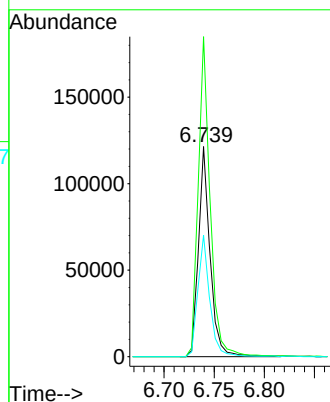
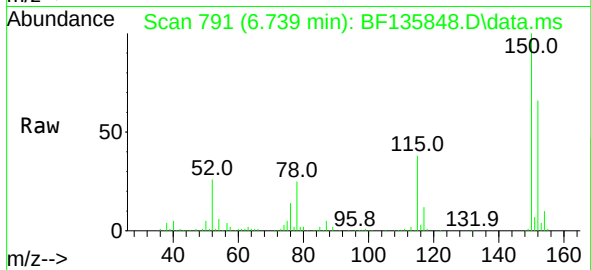




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 791
 Delta R.T. -0.007 min
 Lab File: BF135848.D
 Acq: 18 Oct 2023 15:36

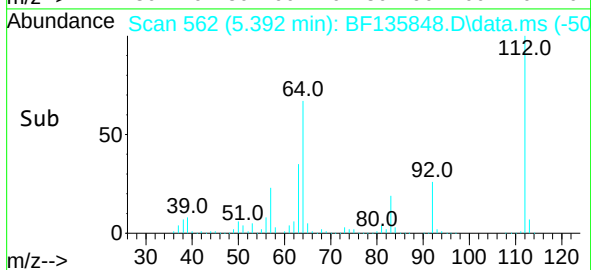
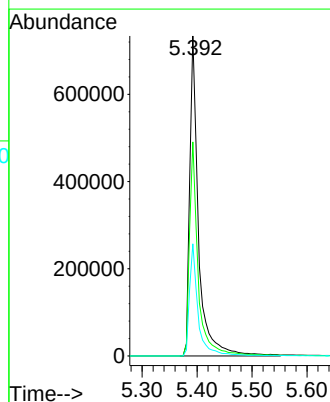
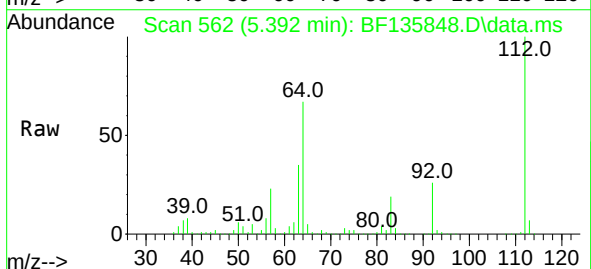
Instrument :
 BNA_F
 ClientSampleId :
 WC-3

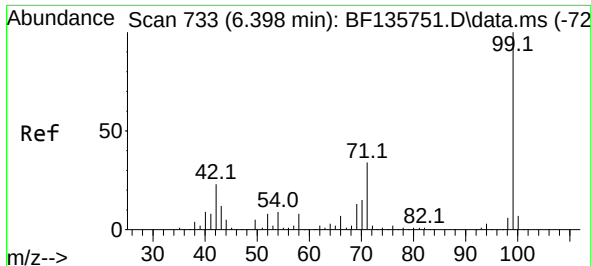
Tgt Ion:152 Resp: 98459
 Ion Ratio Lower Upper
 152 100
 150 152.3 124.5 186.7
 115 57.8 49.0 73.4



#5
 2-Fluorophenol
 Concen: 134.017 ng
 RT: 5.392 min Scan# 562
 Delta R.T. 0.017 min
 Lab File: BF135848.D
 Acq: 18 Oct 2023 15:36

Tgt Ion:112 Resp: 820720
 Ion Ratio Lower Upper
 112 100
 64 66.9 51.2 76.8
 63 35.1 26.1 39.1

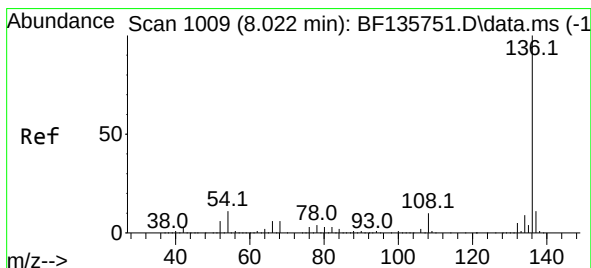
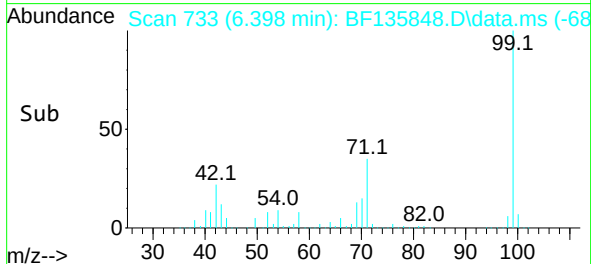
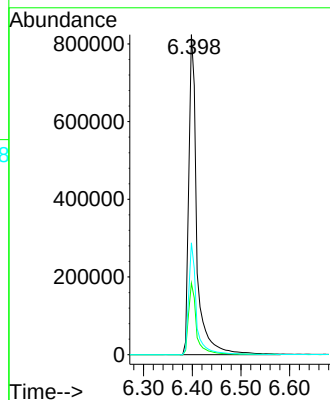
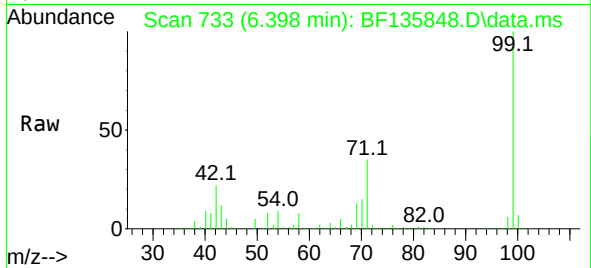




#7
Phenol-d6
Concen: 124.466 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135848.D
Acq: 18 Oct 2023 15:36

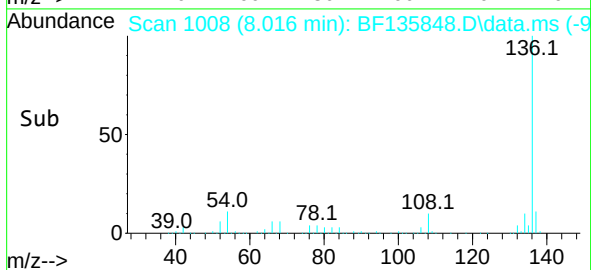
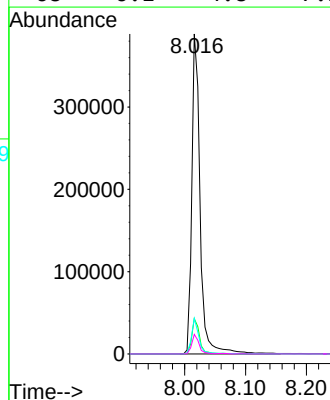
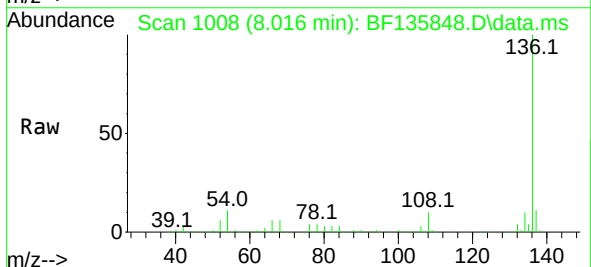
Instrument :
BNA_F
ClientSampleId :
WC-3

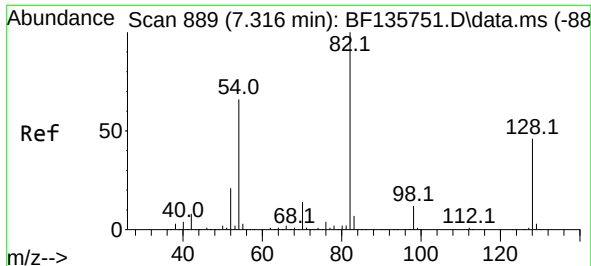
Tgt Ion: 99 Resp: 951054
Ion Ratio Lower Upper
99 100
42 22.4 18.4 27.6
71 35.0 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135848.D
Acq: 18 Oct 2023 15:36

Tgt Ion: 136 Resp: 368648
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 11.1 8.5 12.7
68 6.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 98.311 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135848.D

Acq: 18 Oct 2023 15:36

Instrument :

BNA_F

ClientSampleId :

WC-3

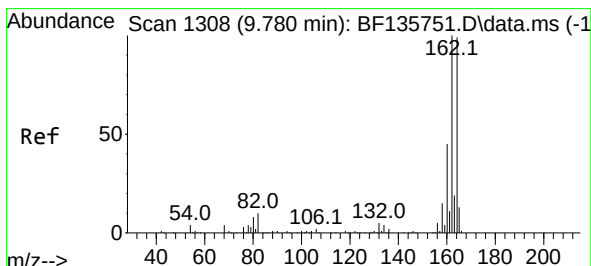
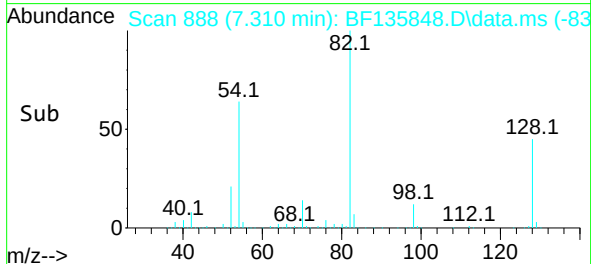
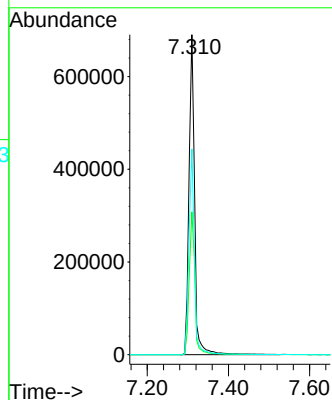
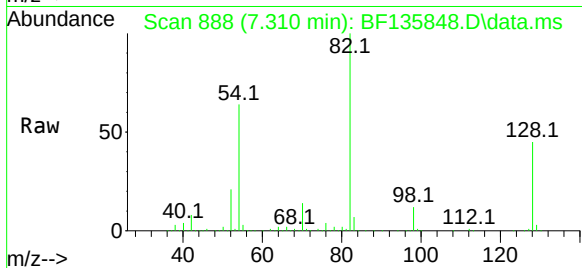
Tgt Ion: 82 Resp: 658959

Ion Ratio Lower Upper

82 100

128 44.6 37.0 55.6

54 64.2 52.8 79.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.774 min Scan# 1307

Delta R.T. -0.012 min

Lab File: BF135848.D

Acq: 18 Oct 2023 15:36

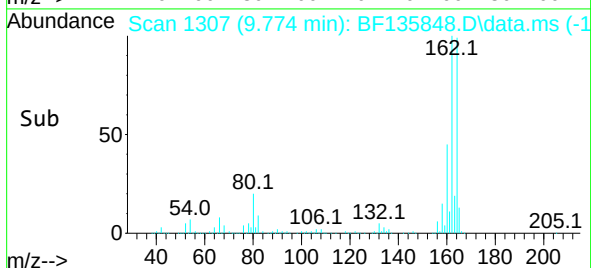
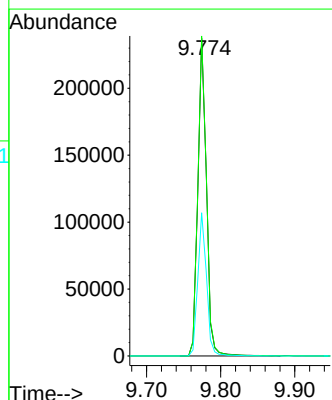
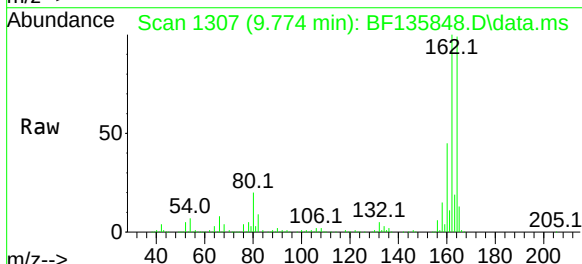
Tgt Ion:164 Resp: 190318

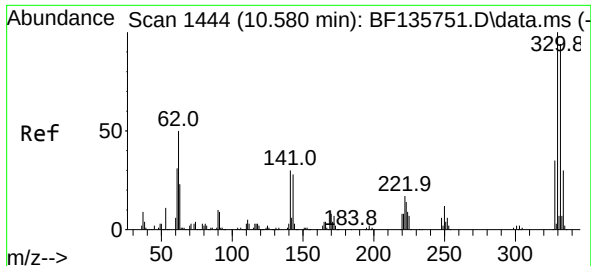
Ion Ratio Lower Upper

164 100

162 100.7 80.8 121.2

160 45.1 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 159.043 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF135848.D

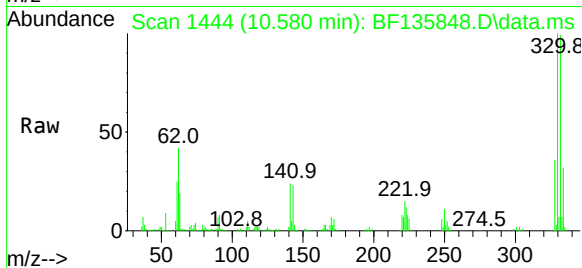
Acq: 18 Oct 2023 15:36

Instrument :

BNA_F

ClientSampleId :

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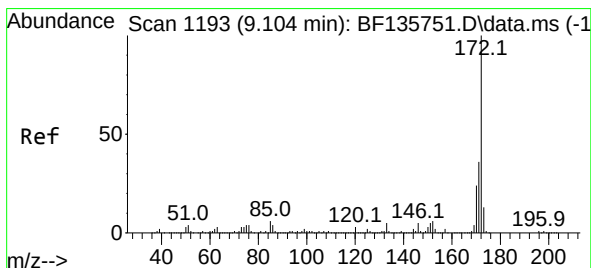
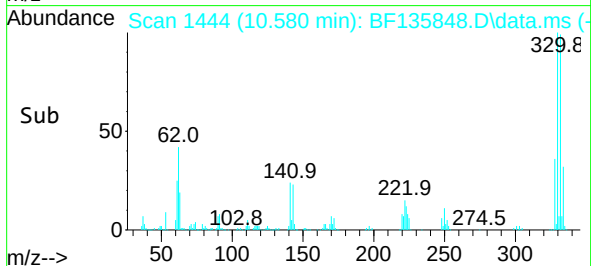
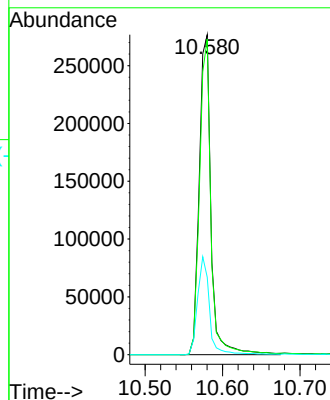
Tgt Ion:330 Resp: 290453

Ion Ratio Lower Upper

330 100

332 95.7 75.0 112.4

141 31.2 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 91.722 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135848.D

Acq: 18 Oct 2023 15:36

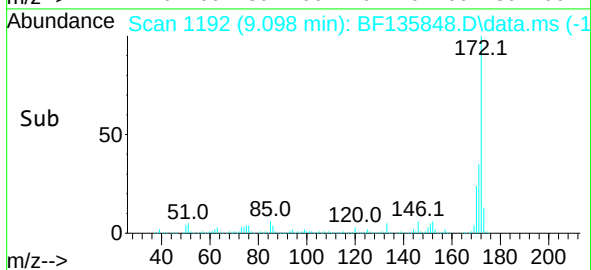
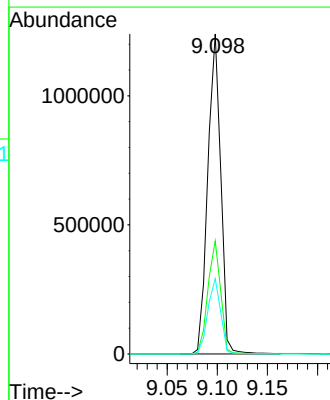
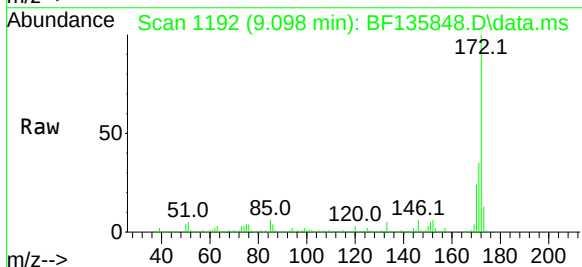
Tgt Ion:172 Resp: 1116490

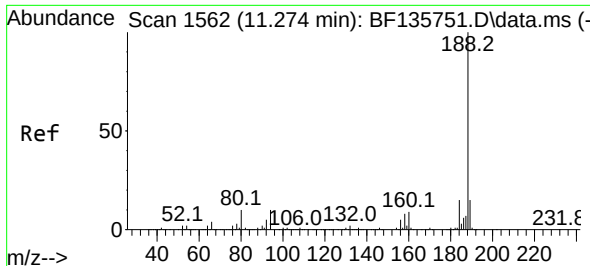
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.5 18.8 28.2

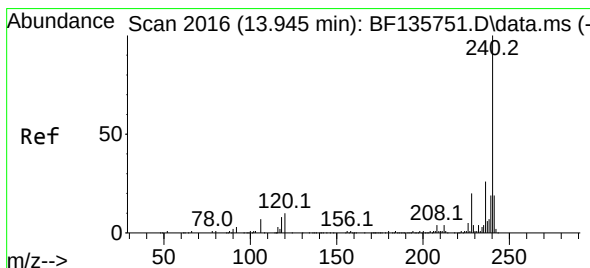
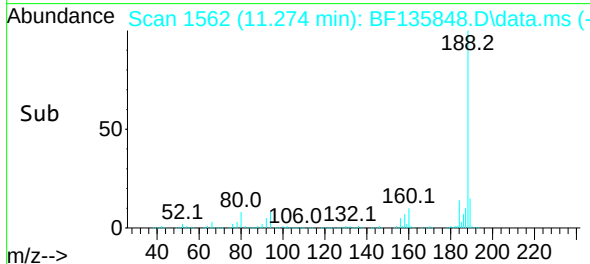
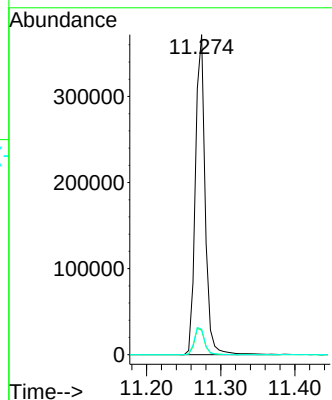
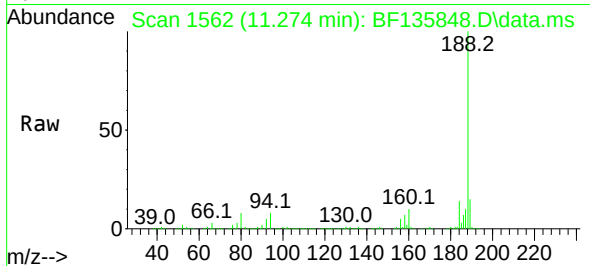




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135848.D
Acq: 18 Oct 2023 15:36

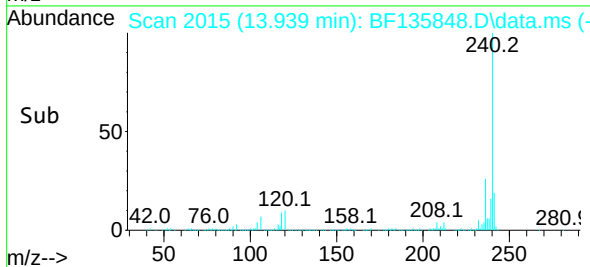
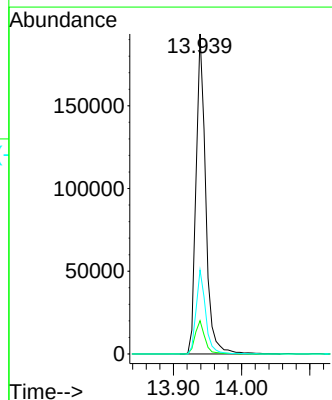
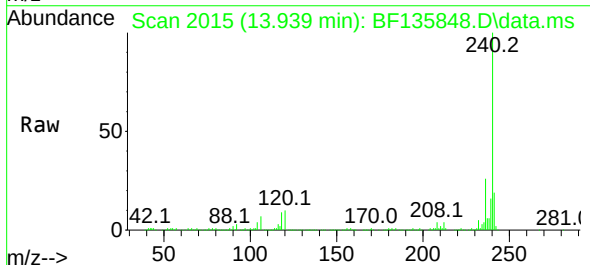
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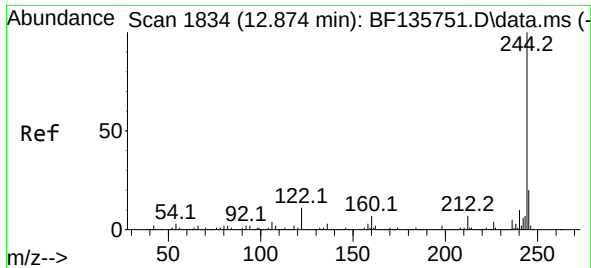
Tgt Ion:188 Resp: 338860
Ion Ratio Lower Upper
188 100
94 7.7 8.0 12.0#
80 8.0 8.3 12.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF135848.D
Acq: 18 Oct 2023 15:36

Tgt Ion:240 Resp: 188494
Ion Ratio Lower Upper
240 100
120 10.4 8.2 12.2
236 26.3 21.2 31.8

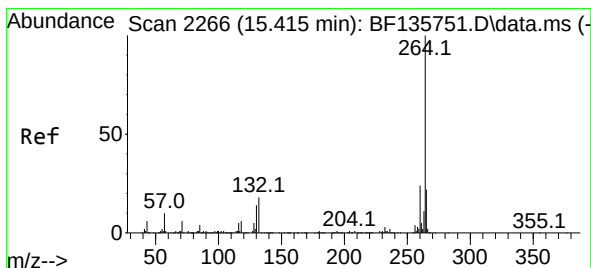
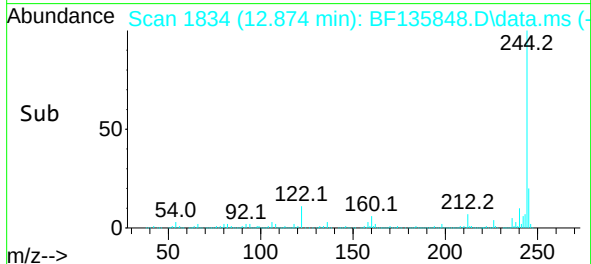
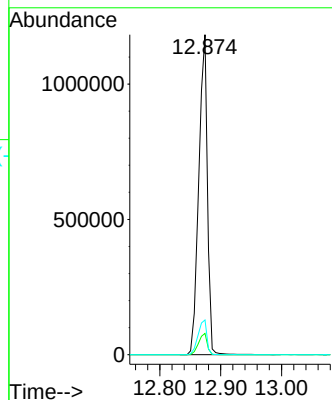
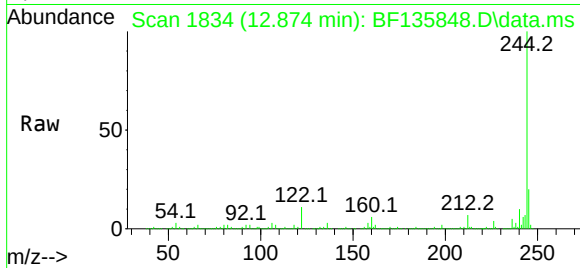




#79
 Terphenyl-d14
 Concen: 114.402 ng
 RT: 12.874 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135848.D
 Acq: 18 Oct 2023 15:36

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Tgt Ion:244 Resp: 1164422
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.8 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.000 min
 Lab File: BF135848.D
 Acq: 18 Oct 2023 15:36

Tgt Ion:264 Resp: 176464
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.5 17.4 26.2

