

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132963.D
 Acq On : 21 Apr 2023 04:50
 Operator : CG\JU
 Sample : 02390-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPC-3WC-23-04-17

Quant Time: Apr 21 06:11:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 14:15:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	343217	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	1385396	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	383360	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	1037078	20.000	ng	0.00
76) Chrysene-d12	13.910	240	358863	20.000	ng	0.00
86) Perylene-d12	15.333	264	23045	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2855134	130.078	ng	0.02
7) Phenol-d6	6.387	99	2087957	74.548	ng	0.00
23) Nitrobenzene-d5	7.322	82	2486411	93.550	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	1125347	292.669	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	4068209	163.024	ng	0.00
79) Terphenyl-d14	12.869	244	3939971	187.311	ng	0.00

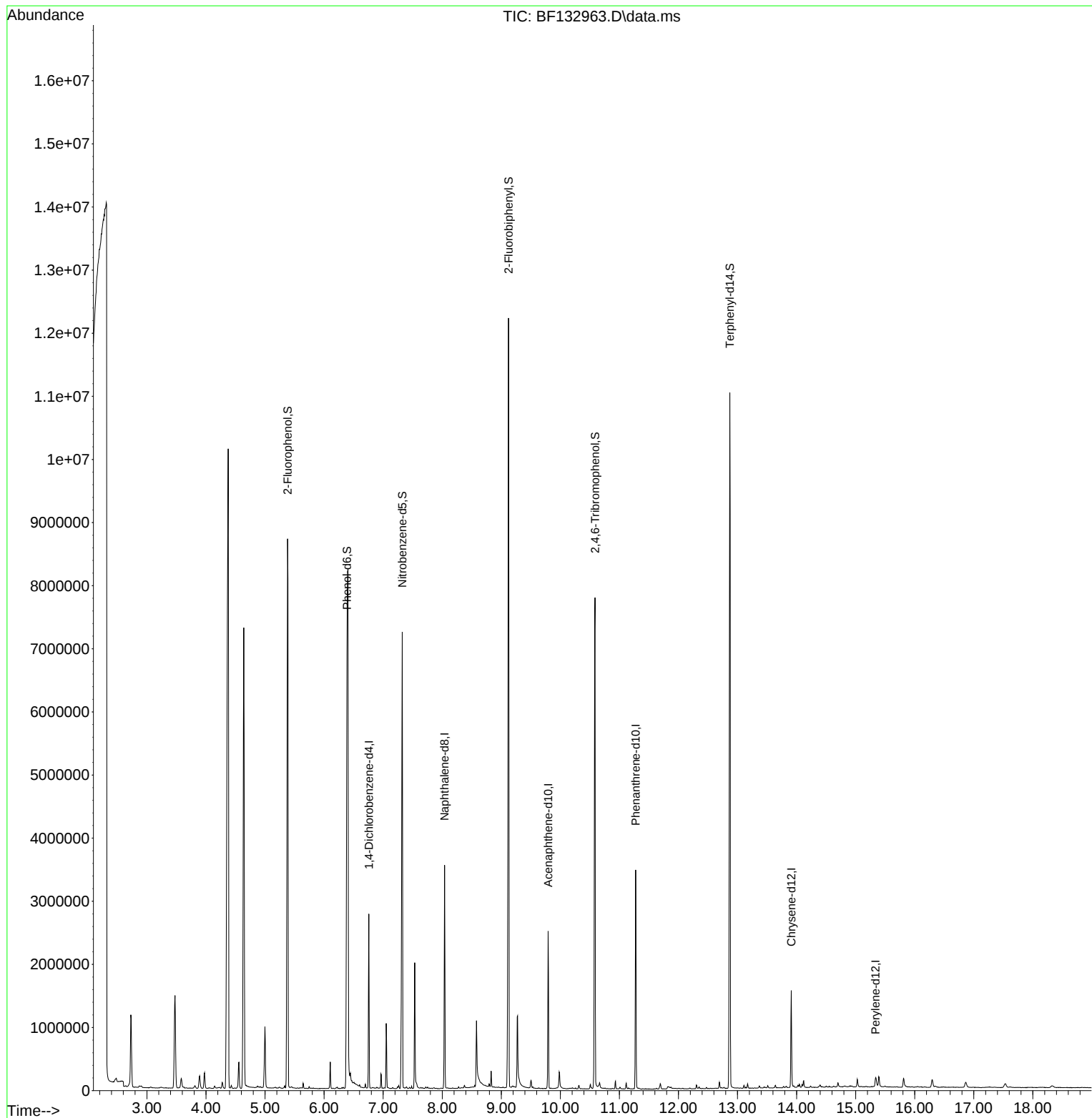
Target Compounds Qvalue

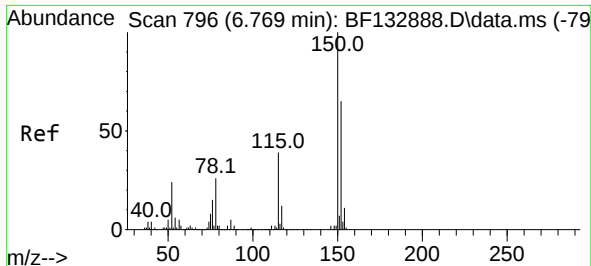
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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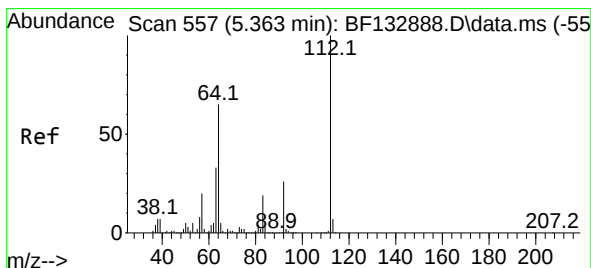
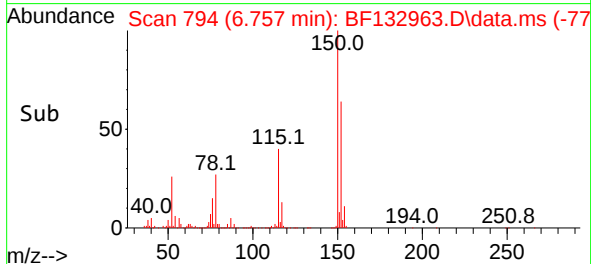
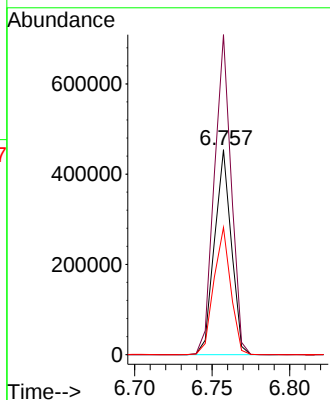
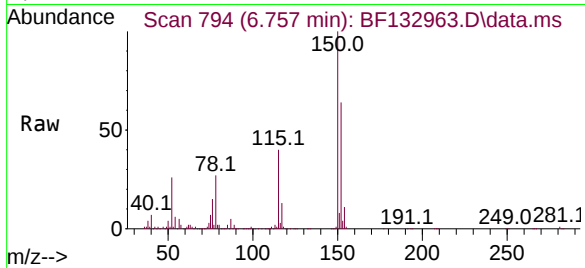




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132963.D
Acq: 21 Apr 2023 04:50

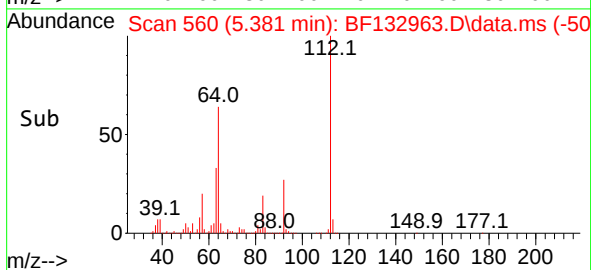
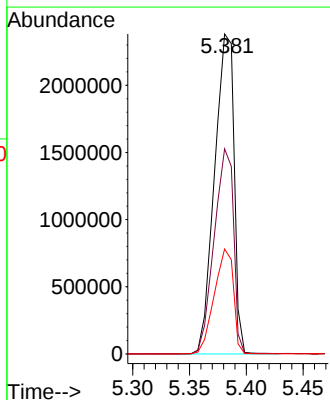
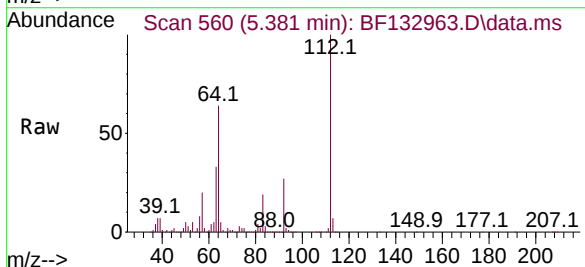
Instrument :
BNA_F
ClientSampleId :
SPC-3WC-23-04-17

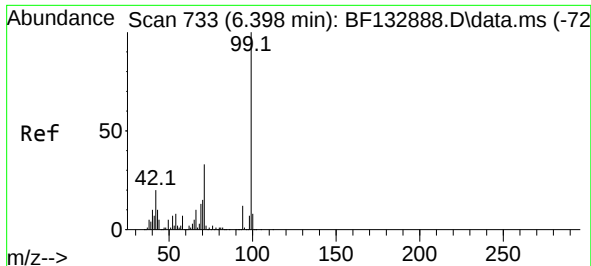
Tgt Ion:152 Resp: 343217
Ion Ratio Lower Upper
152 100
150 156.2 122.8 184.2
115 62.0 47.3 70.9



#5
2-Fluorophenol
Concen: 130.078 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.024 min
Lab File: BF132963.D
Acq: 21 Apr 2023 04:50

Tgt Ion:112 Resp: 2855134
Ion Ratio Lower Upper
112 100
64 64.1 51.8 77.8
63 32.8 26.3 39.5





#7

Phenol-d6

Concen: 74.548 ng

RT: 6.387 min Scan# 731

Delta R.T. -0.006 min

Lab File: BF132963.D

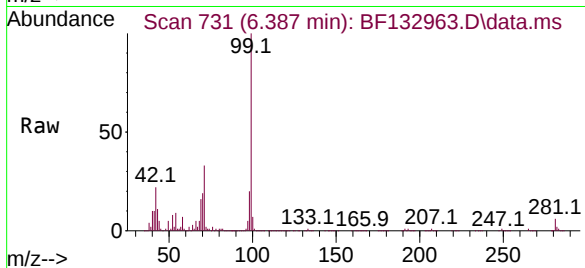
Acq: 21 Apr 2023 04:50

Instrument :

BNA_F

ClientSampleId :

SPC-3WC-23-04-17



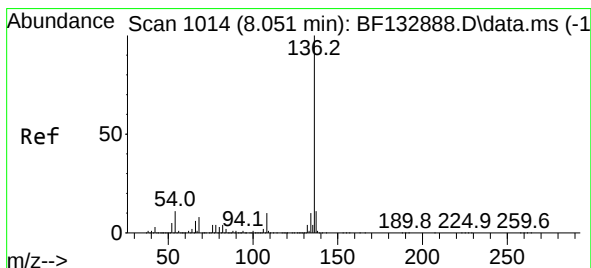
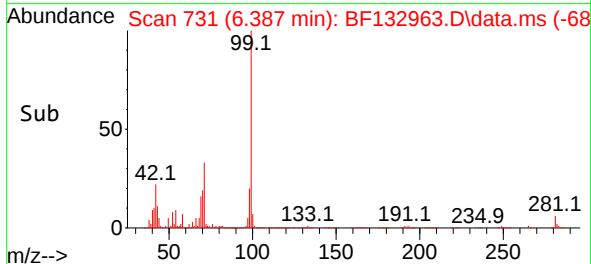
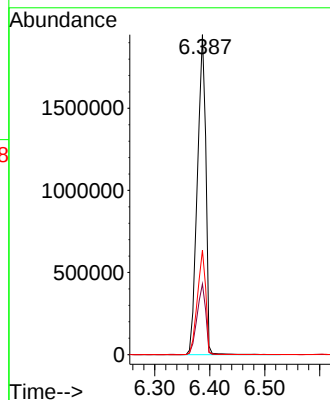
Tgt Ion: 99 Resp: 2087957

Ion Ratio Lower Upper

99 100

42 22.1 16.1 24.1

71 32.6 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.040 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF132963.D

Acq: 21 Apr 2023 04:50

Tgt Ion:136 Resp: 1385396

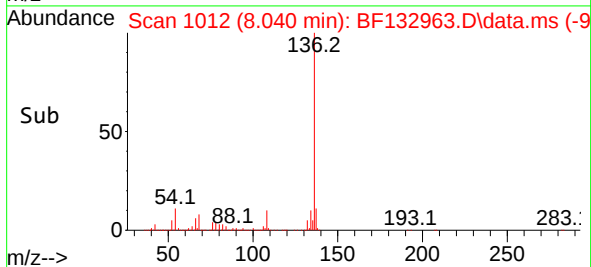
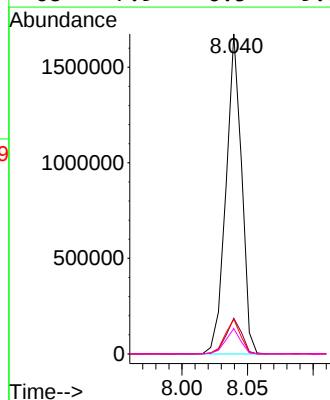
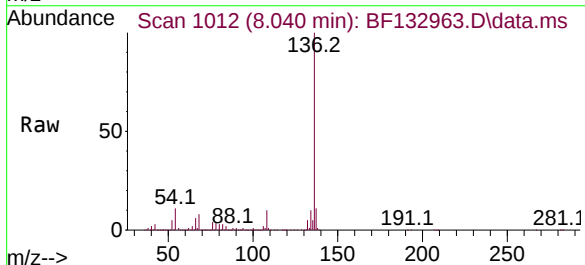
Ion Ratio Lower Upper

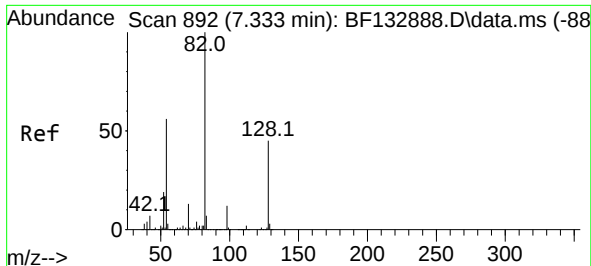
136 100

137 11.1 9.0 13.4

54 10.8 8.9 13.3

68 7.9 6.5 9.7





#23

Nitrobenzene-d5

Concen: 93.550 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF132963.D

Acq: 21 Apr 2023 04:50

Instrument :

BNA_F

ClientSampleId :

SPC-3WC-23-04-17

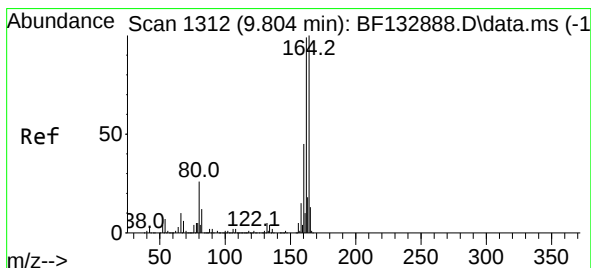
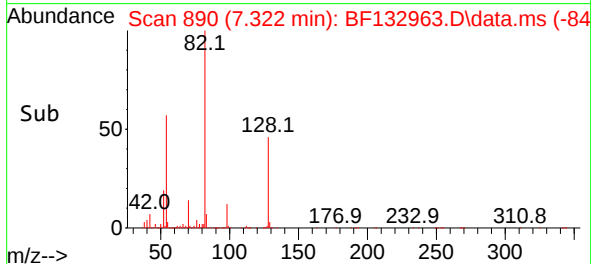
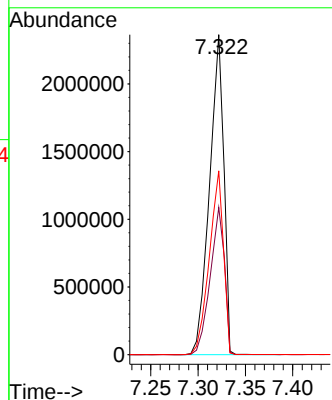
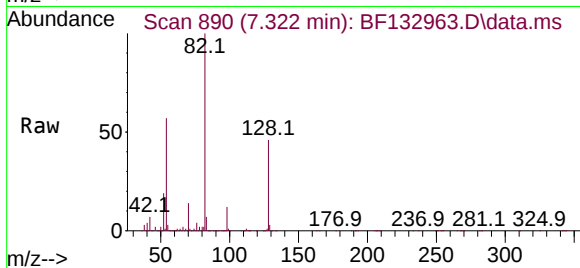
Tgt Ion: 82 Resp: 2486411

Ion Ratio Lower Upper

82 100

128 46.0 35.7 53.5

54 57.4 44.7 67.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.006 min

Lab File: BF132963.D

Acq: 21 Apr 2023 04:50

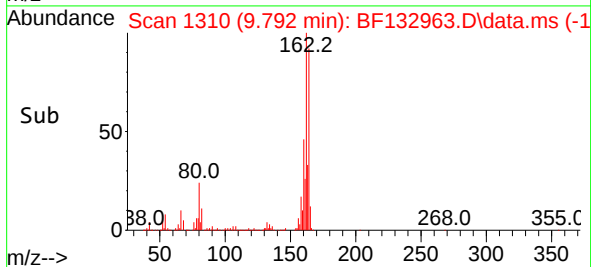
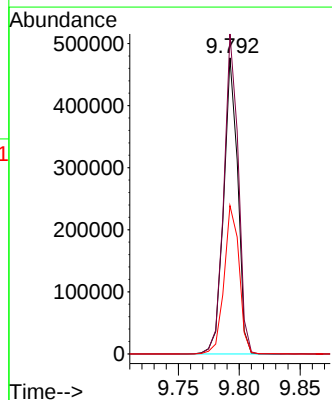
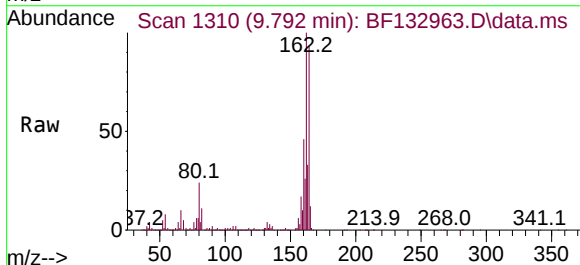
Tgt Ion: 164 Resp: 383360

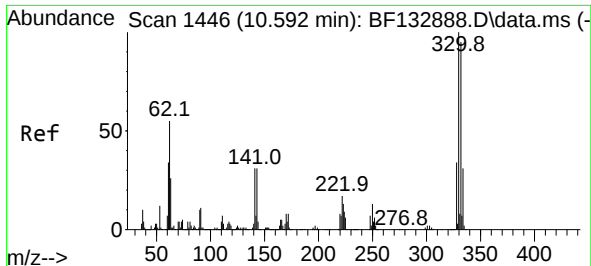
Ion Ratio Lower Upper

164 100

162 108.1 79.1 118.7

160 50.1 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 292.669 ng

RT: 10.586 min Scan# 1445

Delta R.T. 0.000 min

Lab File: BF132963.D

Acq: 21 Apr 2023 04:50

Instrument :

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SPC-3WC-23-04-17

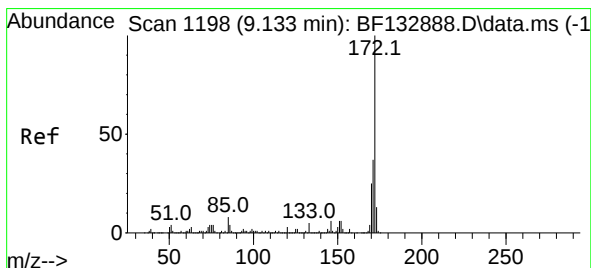
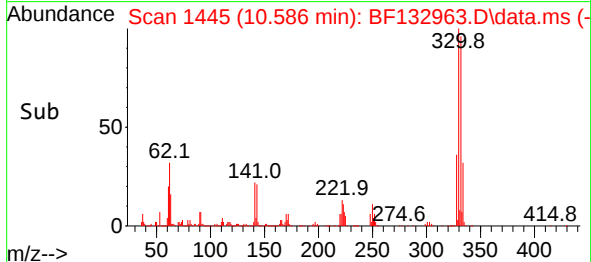
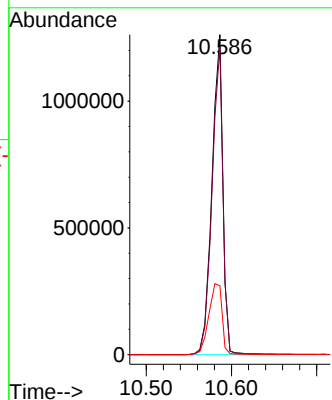
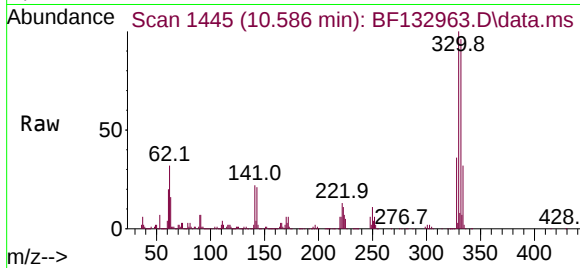
Tgt Ion:330 Resp: 1125347

Ion Ratio Lower Upper

330 100

332 95.8 76.3 114.5

141 26.9 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 163.024 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF132963.D

Acq: 21 Apr 2023 04:50

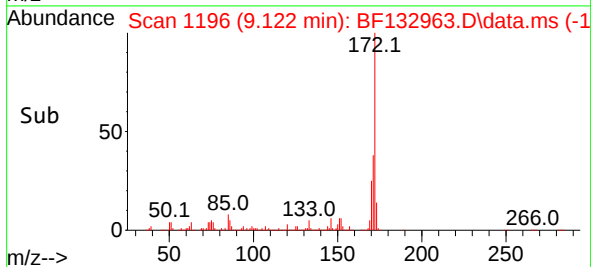
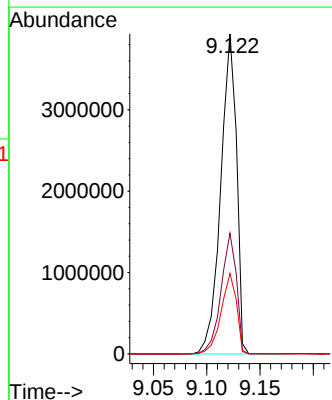
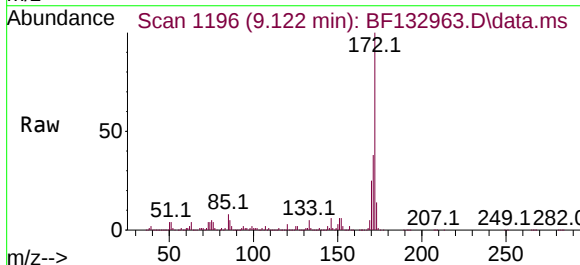
Tgt Ion:172 Resp: 4068209

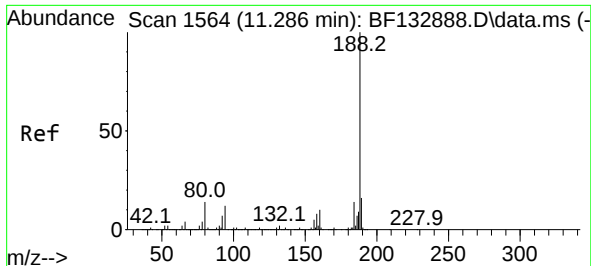
Ion Ratio Lower Upper

172 100

171 37.7 29.4 44.0

170 25.1 20.1 30.1

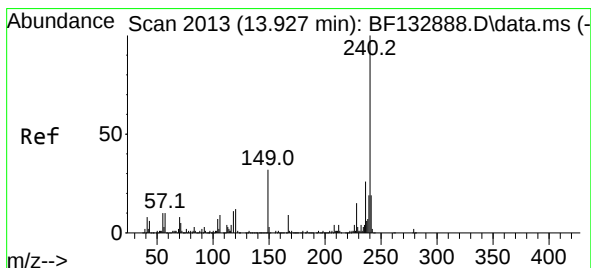
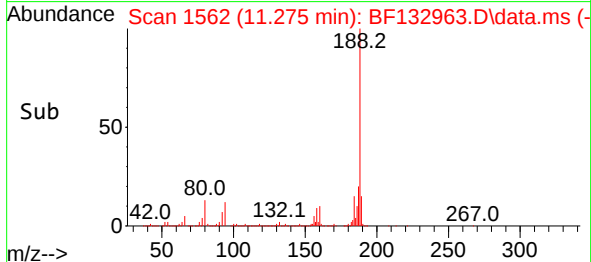
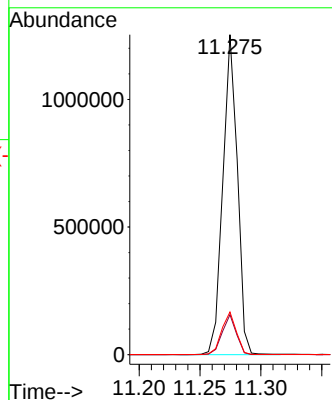
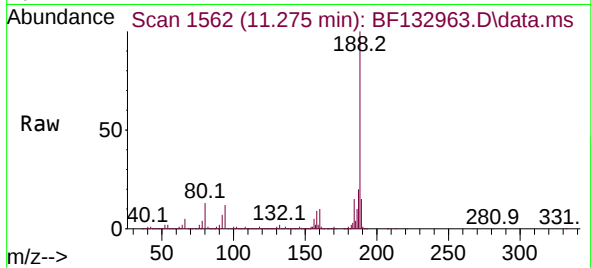




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132963.D
Acq: 21 Apr 2023 04:50

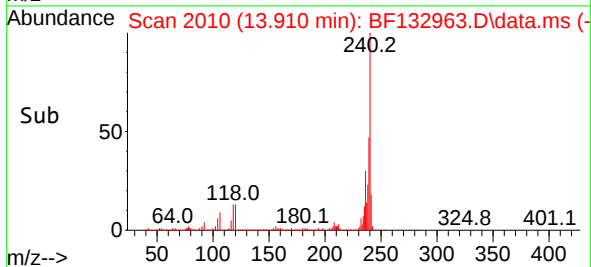
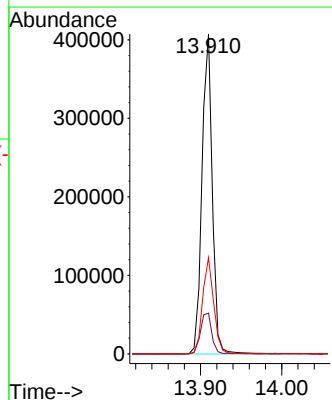
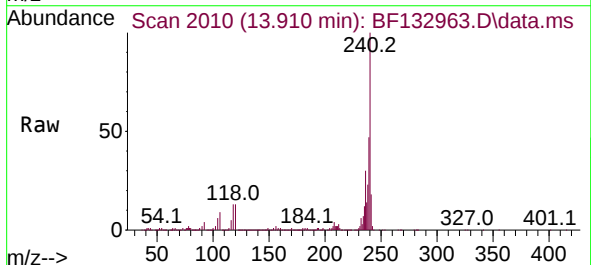
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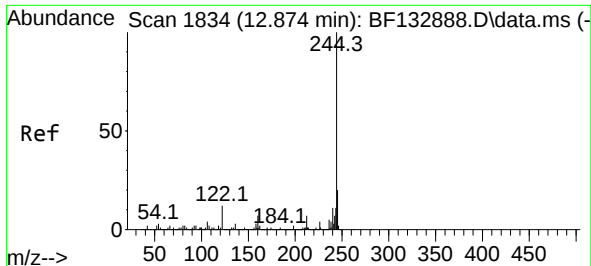
Tgt Ion:188 Resp: 1037078
Ion Ratio Lower Upper
188 100
94 12.5 9.9 14.9
80 13.3 10.8 16.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF132963.D
Acq: 21 Apr 2023 04:50

Tgt Ion:240 Resp: 358863
Ion Ratio Lower Upper
240 100
120 12.7 10.0 15.0
236 30.1 20.8 31.2

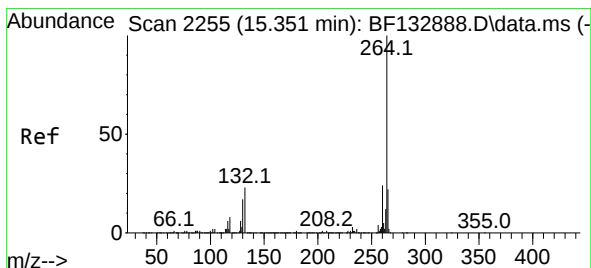
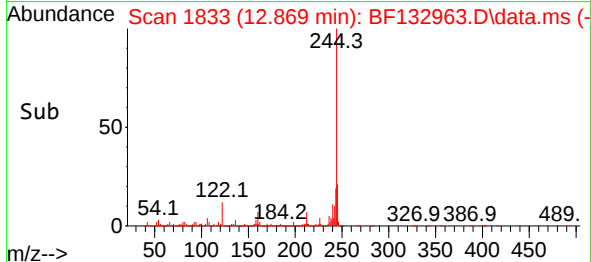
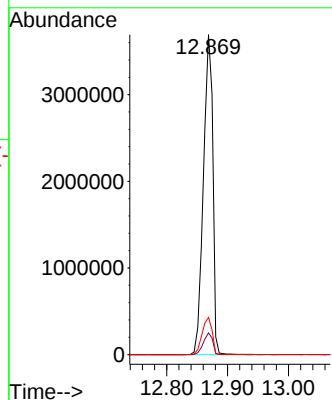
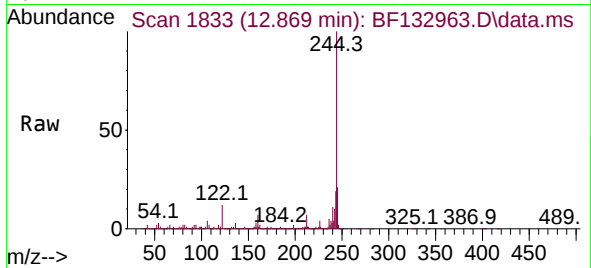




#79
 Terphenyl-d14
 Concen: 187.311 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: BF132963.D
 Acq: 21 Apr 2023 04:50

Instrument :
 BNA_F
 ClientSampleId :
 SPC-3WC-23-04-17

Tgt Ion:244 Resp: 3939971
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.6 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.333 min Scan# 2252
 Delta R.T. -0.006 min
 Lab File: BF132963.D
 Acq: 21 Apr 2023 04:50

Tgt Ion:264 Resp: 23045
 Ion Ratio Lower Upper
 264 100
 260 46.6 19.0 28.6#
 265 20.8 17.7 26.5

