

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137890.D
 Acq On : 10 May 2024 19:52
 Operator : CG\JU
 Sample : P2423-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-GG

Quant Time: May 11 00:42:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	168407	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	648661	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	356613	20.000	ng	-0.02
64) Phenanthrene-d10	11.586	188	529947	20.000	ng	-0.01
76) Chrysene-d12	14.239	240	298696	20.000	ng	#-0.01
86) Perylene-d12	15.804	264	150104	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1065979	105.979	ng	0.01
7) Phenol-d6	6.663	99	1224548	95.982	ng	-0.01
23) Nitrobenzene-d5	7.610	82	886908	79.437	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	431695	118.561	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	1825871	83.066	ng	-0.01
79) Terphenyl-d14	13.174	244	1755054	98.469	ng	-0.01

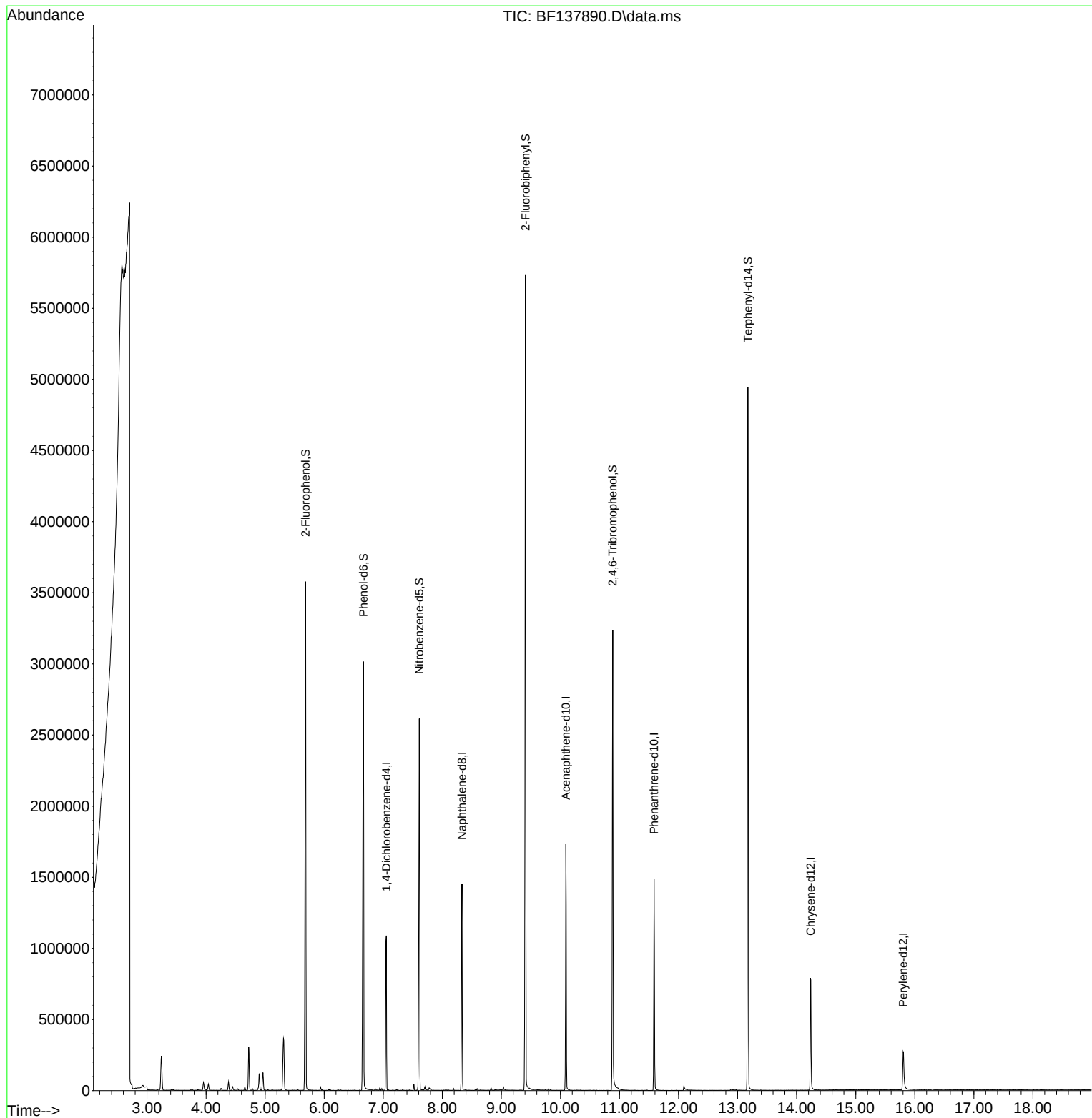
Target Compounds	Qvalue

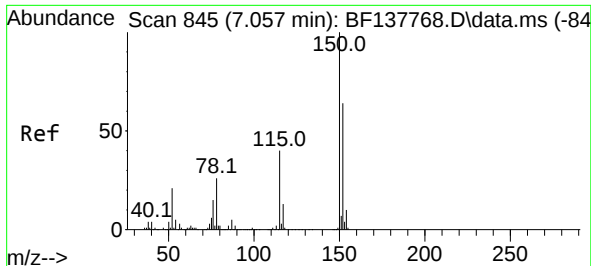
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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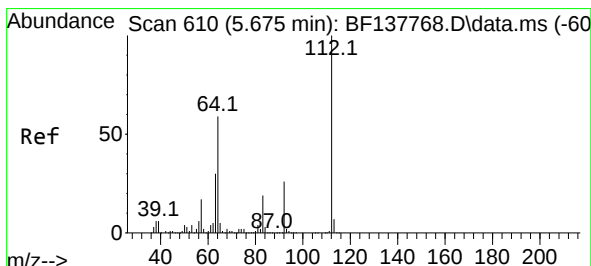
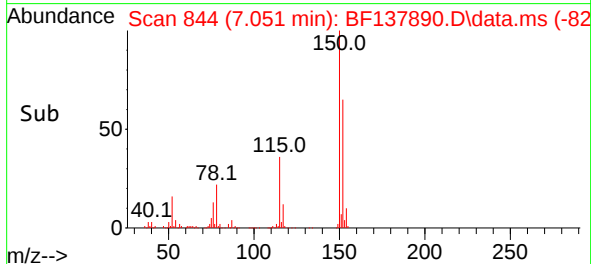
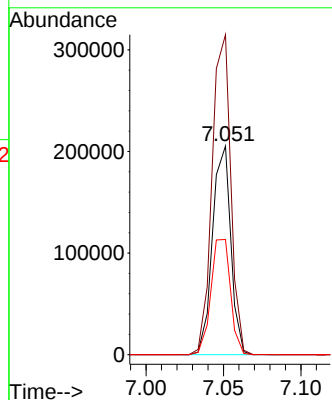
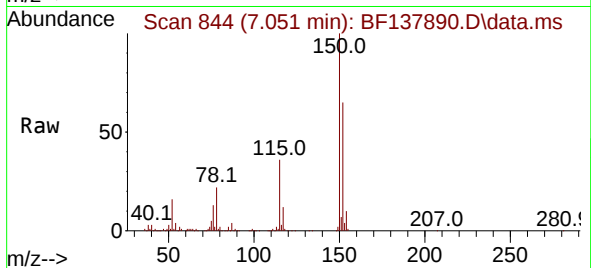




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.051 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: BF137890.D
 Acq: 10 May 2024 19:52

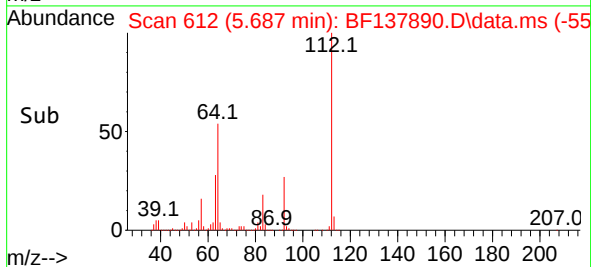
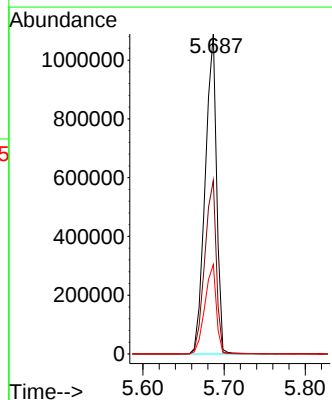
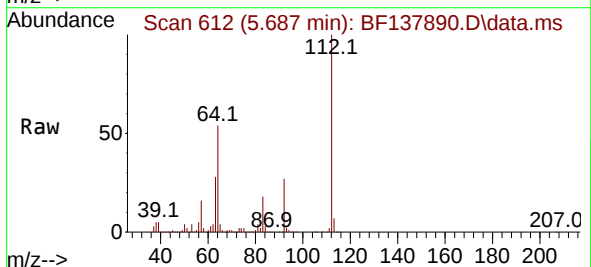
Instrument :
 BNA_F
 ClientSampleId :
 WC-GG

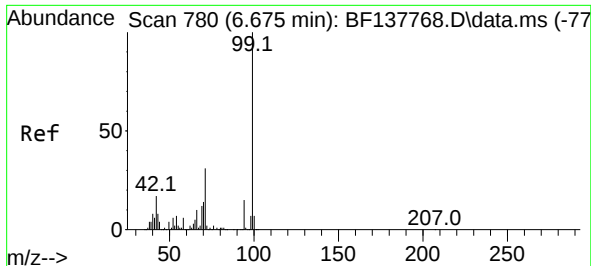
Tgt Ion:152 Resp: 168407
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.1 186.1
 115 55.2 49.1 73.7



#5
 2-Fluorophenol
 Concen: 105.979 ng
 RT: 5.687 min Scan# 612
 Delta R.T. 0.012 min
 Lab File: BF137890.D
 Acq: 10 May 2024 19:52

Tgt Ion:112 Resp: 1065979
 Ion Ratio Lower Upper
 112 100
 64 54.3 47.3 70.9
 63 28.0 23.7 35.5





#7

Phenol-d6

Concen: 95.982 ng

RT: 6.663 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF137890.D

Acq: 10 May 2024 19:52

Instrument :

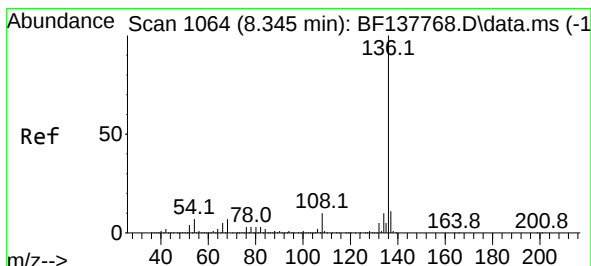
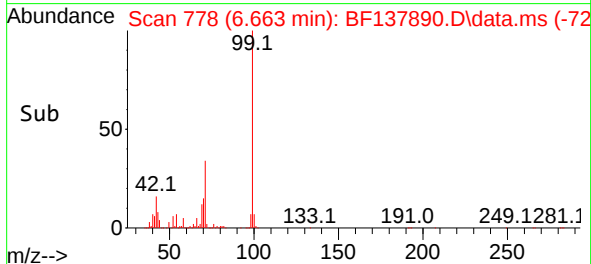
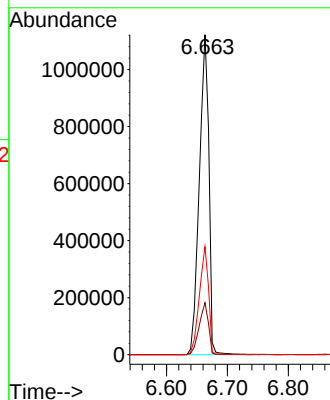
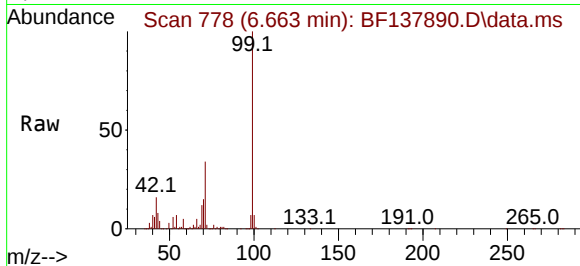
BNA_F

ClientSampleId :

WC-GG

Tgt Ion: 99 Resp: 1224548

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.2	19.8
71	33.8	25.0	37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.334 min Scan# 1062

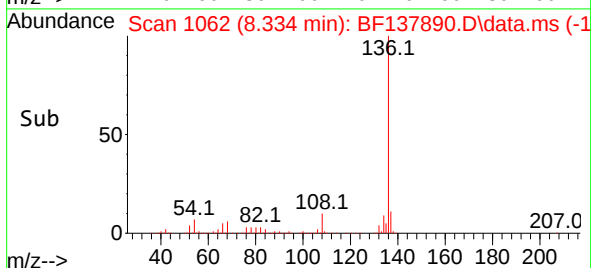
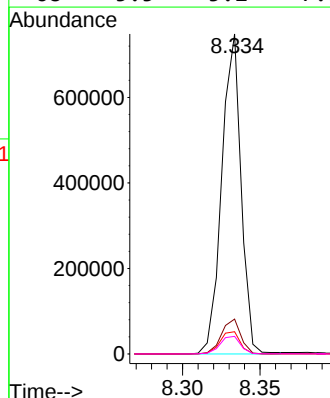
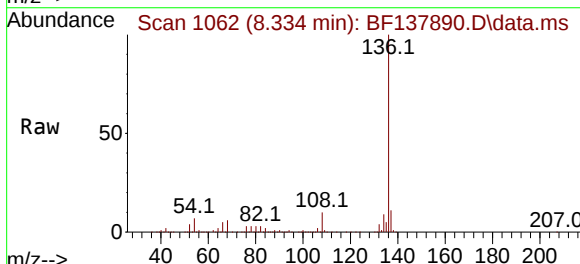
Delta R.T. -0.012 min

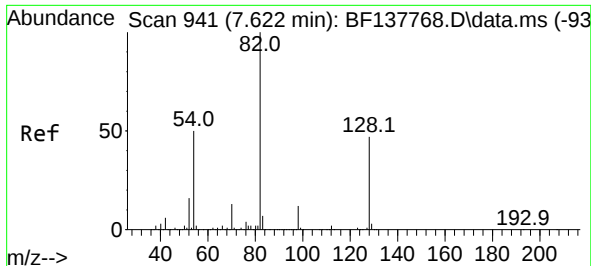
Lab File: BF137890.D

Acq: 10 May 2024 19:52

Tgt Ion: 136 Resp: 648661

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.0	5.8	8.8
68	5.5	5.2	7.8





#23

Nitrobenzene-d5

Concen: 79.437 ng

RT: 7.610 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137890.D

Acq: 10 May 2024 19:52

Instrument :

BNA_F

ClientSampleId :

WC-GG

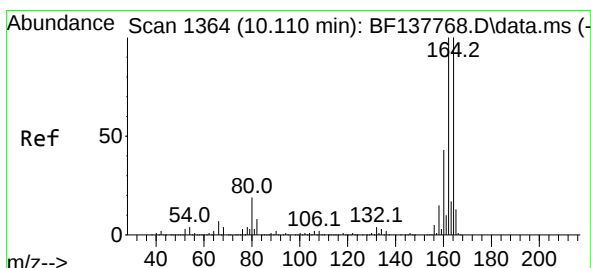
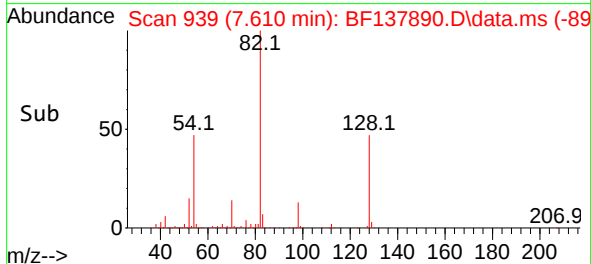
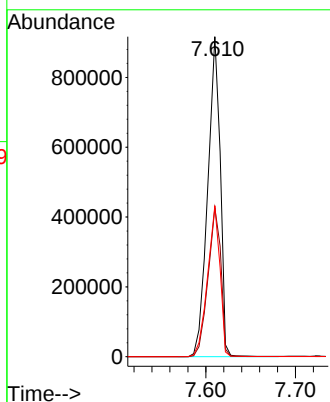
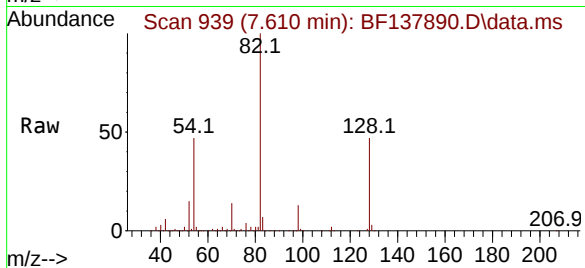
Tgt Ion: 82 Resp: 886908

Ion Ratio Lower Upper

82 100

128 46.6 37.5 56.3

54 47.2 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.092 min Scan# 1361

Delta R.T. -0.018 min

Lab File: BF137890.D

Acq: 10 May 2024 19:52

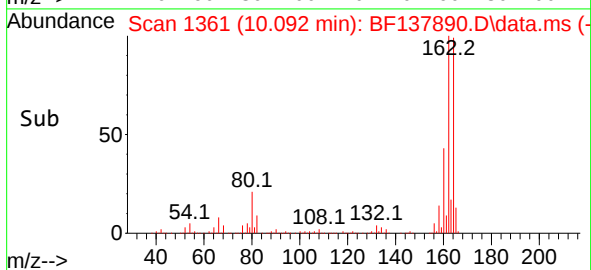
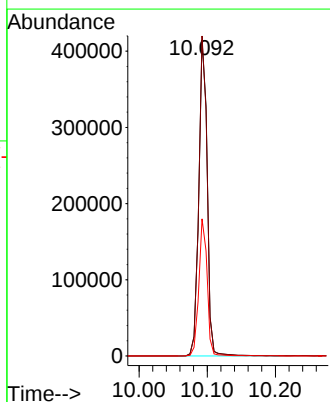
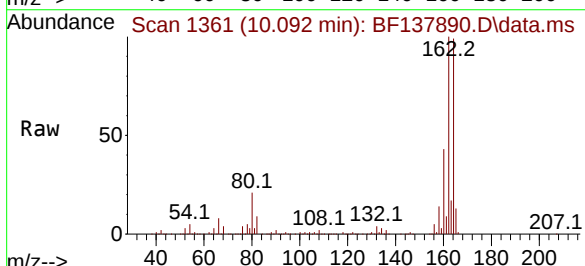
Tgt Ion: 164 Resp: 356613

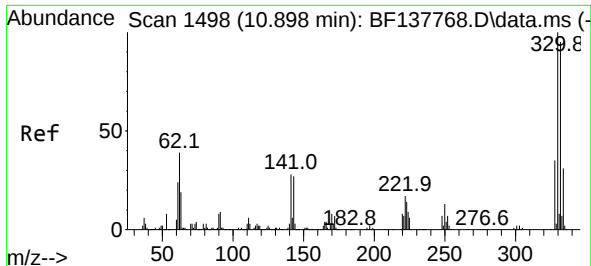
Ion Ratio Lower Upper

164 100

162 101.2 79.8 119.6

160 43.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 118.561 ng

RT: 10.886 min Scan# 1496

Delta R.T. -0.012 min

Lab File: BF137890.D

Acq: 10 May 2024 19:52

Instrument :

BNA_F

ClientSampleId :

WC-GG

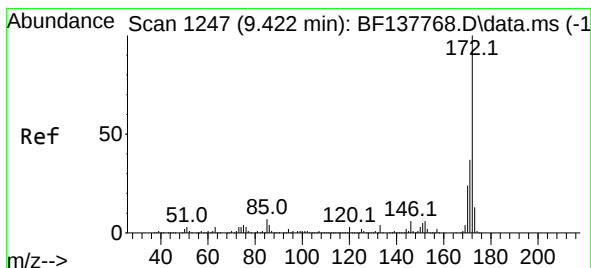
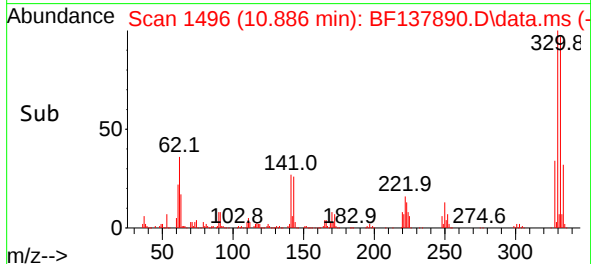
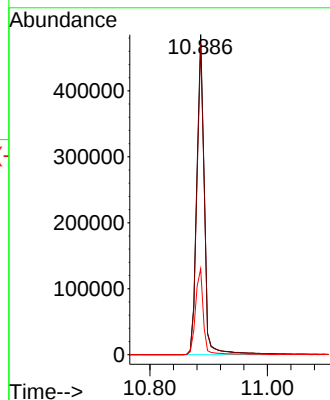
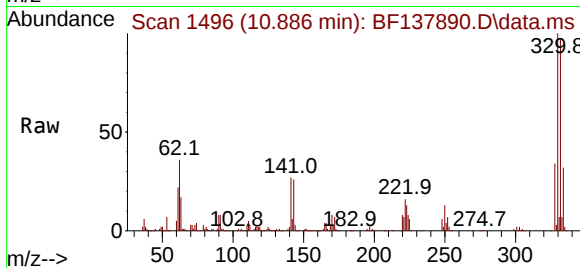
Tgt Ion:330 Resp: 431695

Ion Ratio Lower Upper

330 100

332 97.4 77.3 115.9

141 27.7 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 83.066 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137890.D

Acq: 10 May 2024 19:52

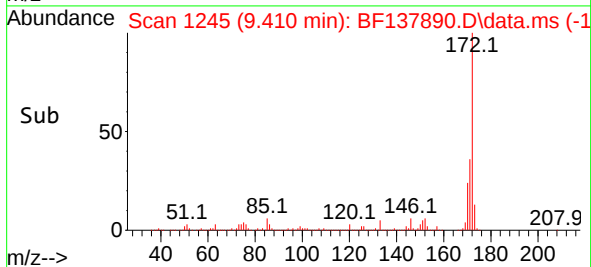
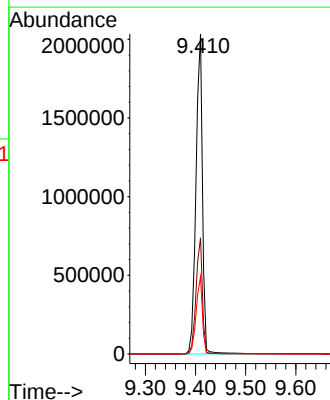
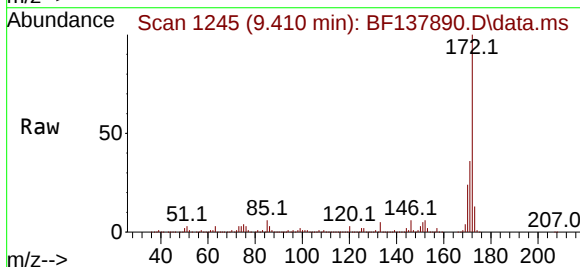
Tgt Ion:172 Resp: 1825871

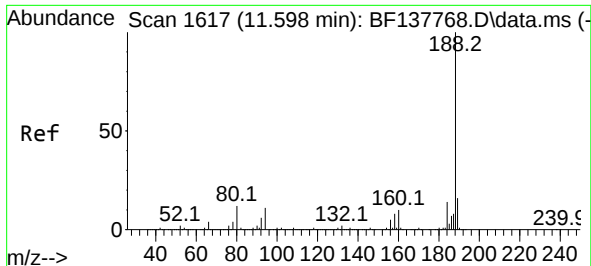
Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

170 24.2 19.4 29.2

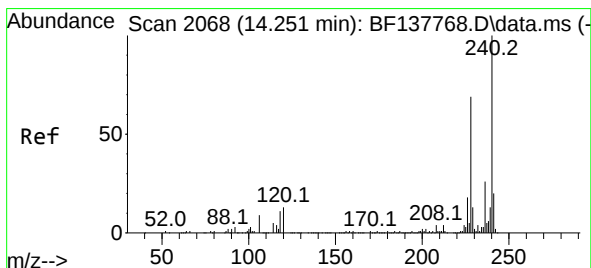
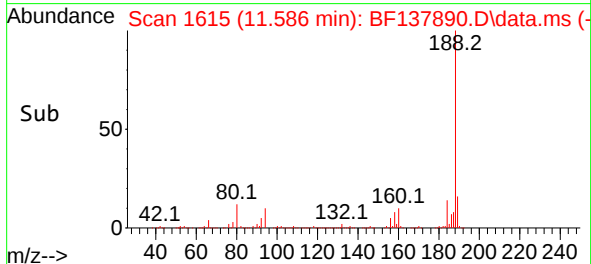
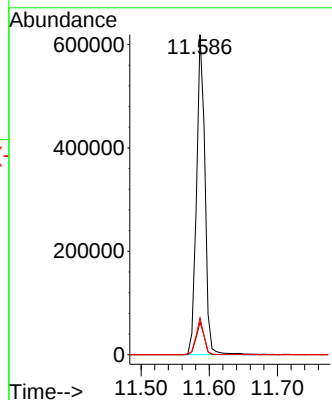
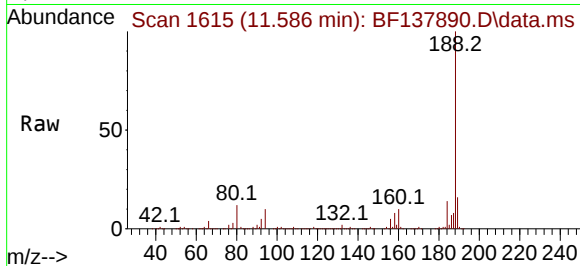




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.586 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF137890.D
Acq: 10 May 2024 19:52

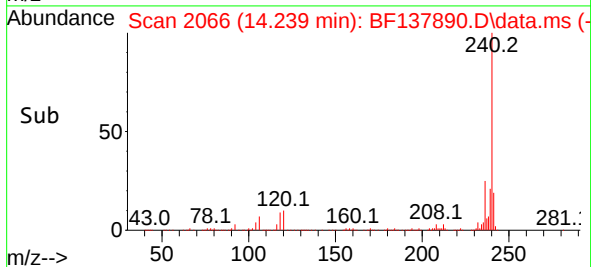
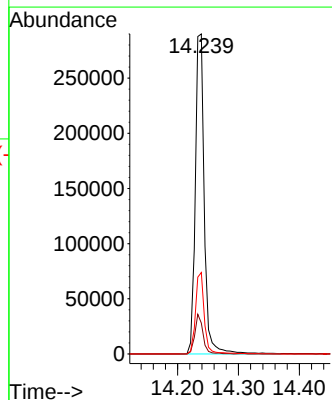
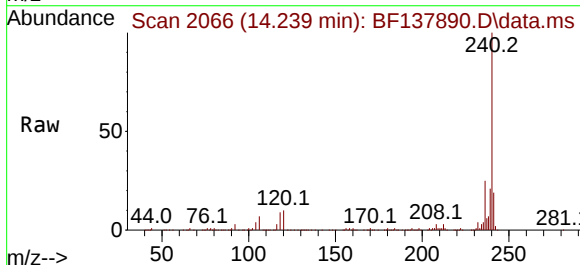
Instrument :
BNA_F
ClientSampleId :
WC-GG

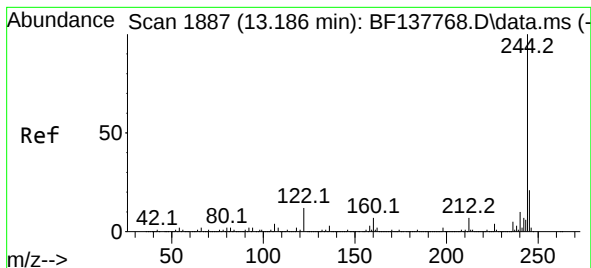
Tgt Ion:188 Resp: 529947
Ion Ratio Lower Upper
188 100
94 10.2 8.8 13.2
80 11.5 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.239 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BF137890.D
Acq: 10 May 2024 19:52

Tgt Ion:240 Resp: 298696
Ion Ratio Lower Upper
240 100
120 9.6 10.4 15.6#
236 25.4 20.4 30.6





#79

Terphenyl-d14

Concen: 98.469 ng

RT: 13.174 min Scan# 1885

Delta R.T. -0.012 min

Lab File: BF137890.D

Acq: 10 May 2024 19:52

Instrument :

BNA_F

ClientSampleId :

WC-GG

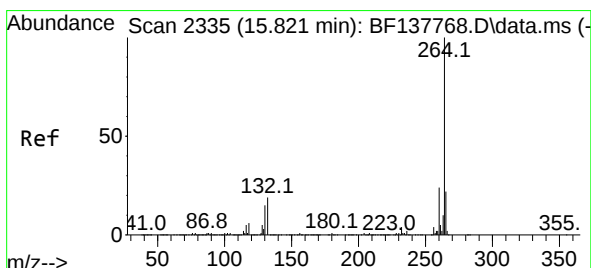
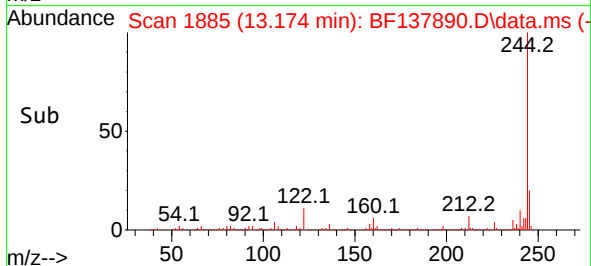
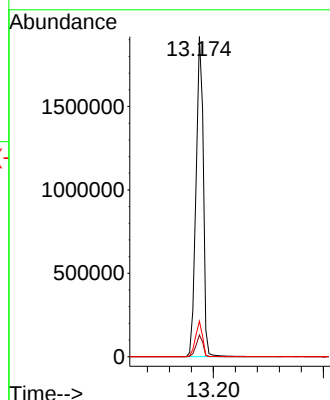
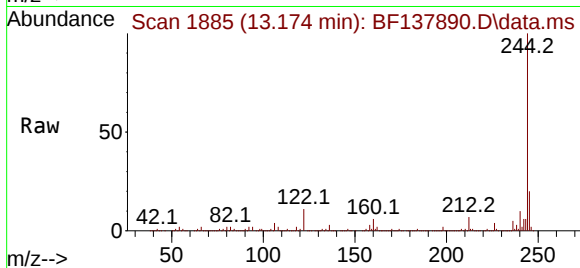
Tgt Ion:244 Resp: 1755054

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 11.1 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.804 min Scan# 2332

Delta R.T. -0.018 min

Lab File: BF137890.D

Acq: 10 May 2024 19:52

Tgt Ion:264 Resp: 150104

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 22.1 17.4 26.0

