

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137891.D
 Acq On : 10 May 2024 20:21
 Operator : CG\JU
 Sample : P2432-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-04-011

Quant Time: May 11 00:43:23 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	7.045	152	156436	20.000	ng	-0.01
21) Naphthalene-d8	8.334	136	606276	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	334508	20.000	ng	-0.02
64) Phenanthrene-d10	11.586	188	482911	20.000	ng	-0.01
76) Chrysene-d12	14.239	240	283169	20.000	ng	#-0.01
86) Perylene-d12	15.810	264	249998	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	713887	76.405	ng	0.00
7) Phenol-d6	6.657	99	875318	73.859	ng	-0.02
23) Nitrobenzene-d5	7.610	82	523797	50.194	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	228161	66.803	ng	-0.01
45) 2-Fluorobiphenyl	9.404	172	1170268	56.758	ng	-0.02
79) Terphenyl-d14	13.174	244	895057	52.972	ng	-0.01

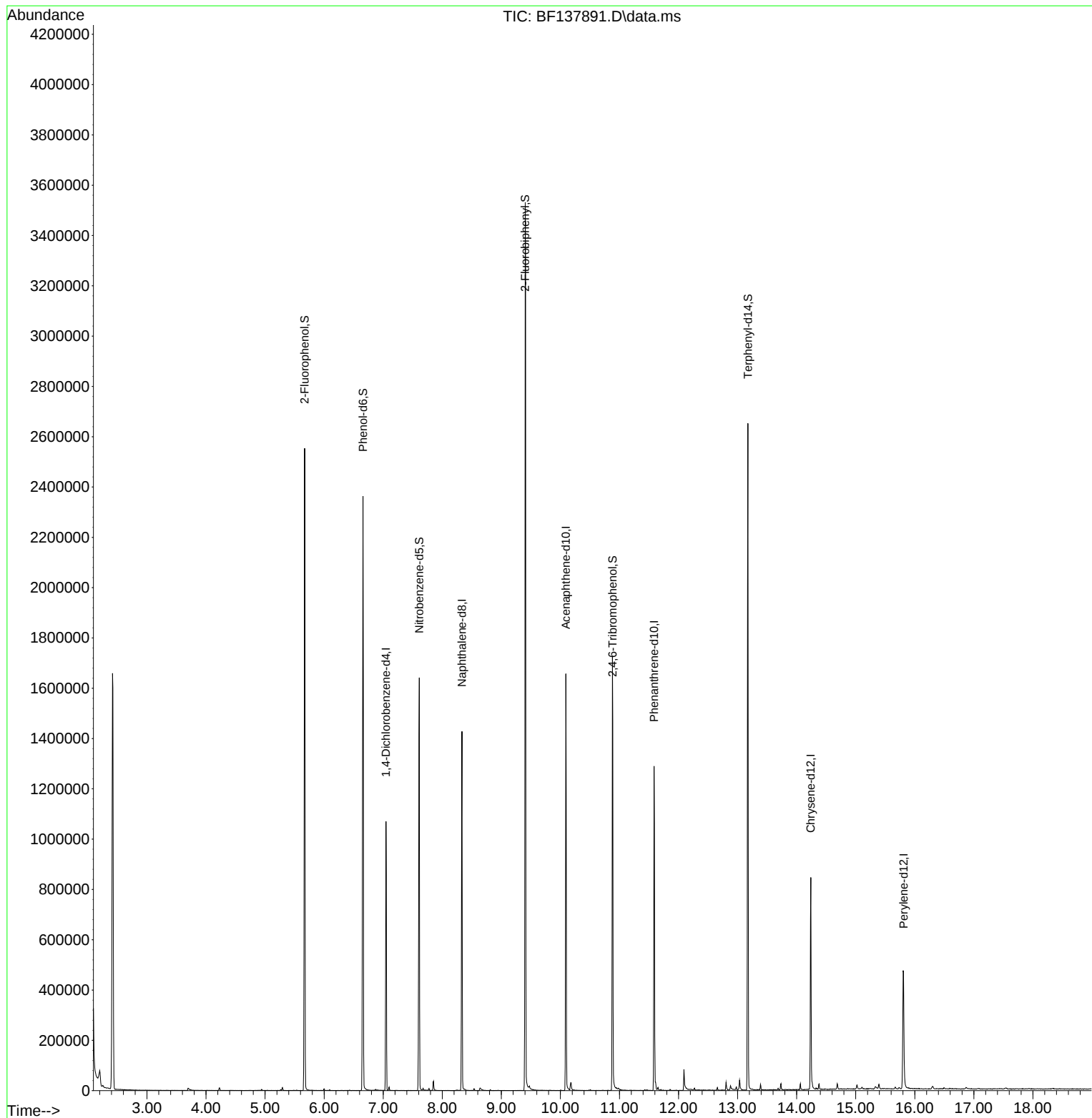
Target Compounds	Qvalue

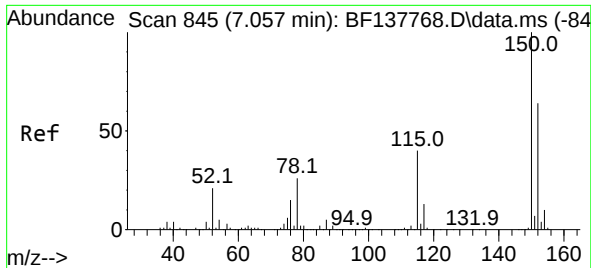
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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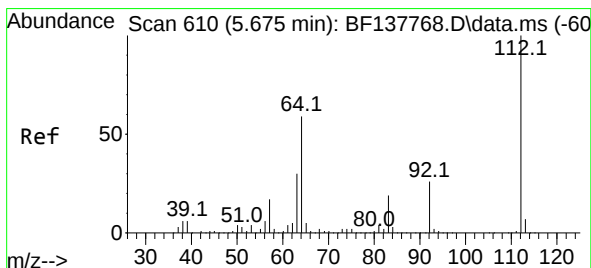
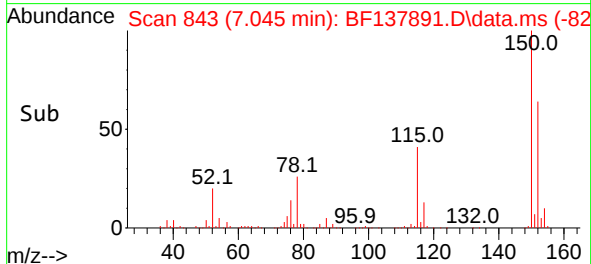
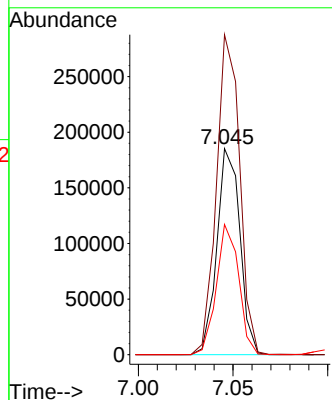
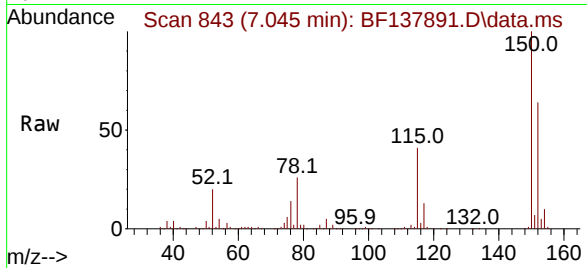




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF137891.D
Acq: 10 May 2024 20:21

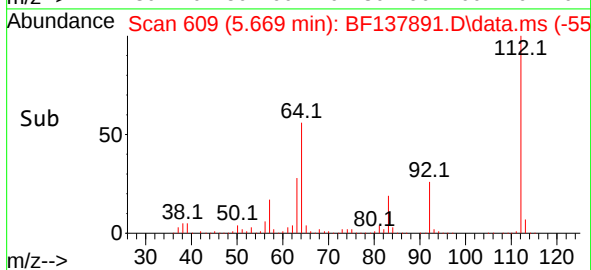
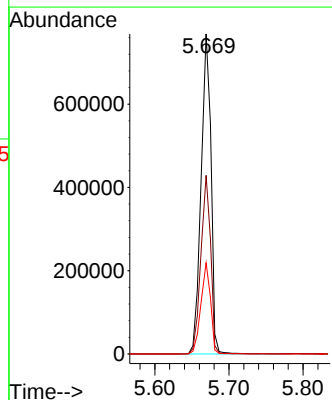
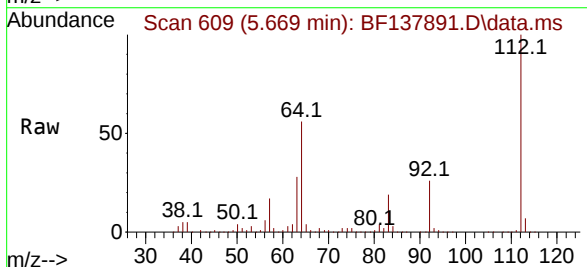
Instrument :
BNA_F
ClientSampleId :
SW-04-011

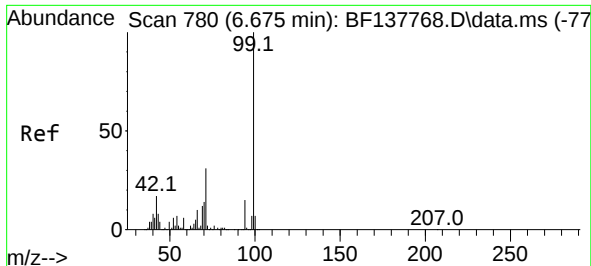
Tgt Ion:152 Resp: 156436
Ion Ratio Lower Upper
152 100
150 155.2 124.1 186.1
115 63.2 49.1 73.7



#5
2-Fluorophenol
Concen: 76.405 ng
RT: 5.669 min Scan# 609
Delta R.T. -0.006 min
Lab File: BF137891.D
Acq: 10 May 2024 20:21

Tgt Ion:112 Resp: 713887
Ion Ratio Lower Upper
112 100
64 55.8 47.3 70.9
63 28.5 23.7 35.5

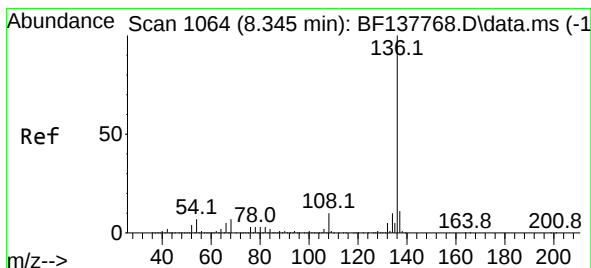
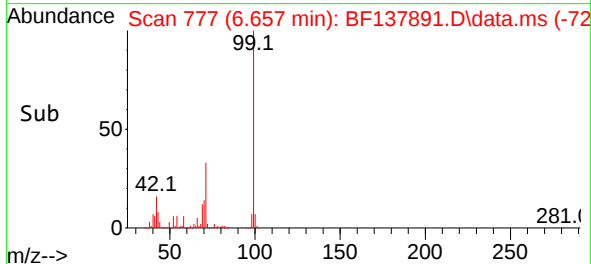
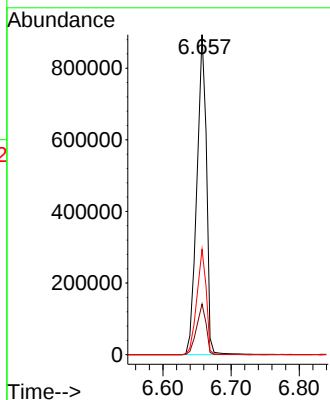
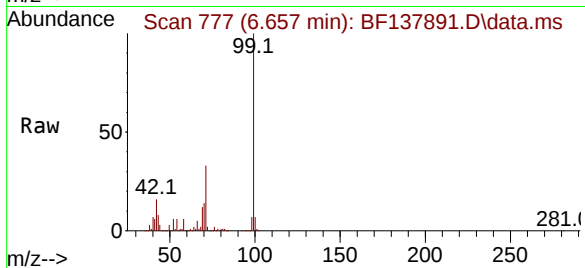




#7
Phenol-d6
Concen: 73.859 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137891.D
Acq: 10 May 2024 20:21

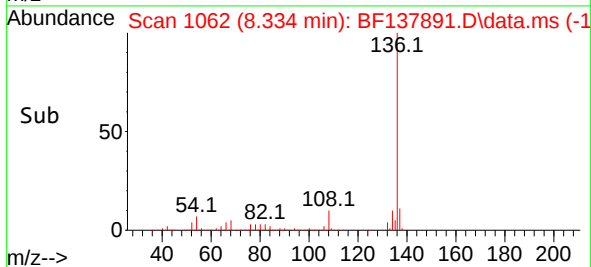
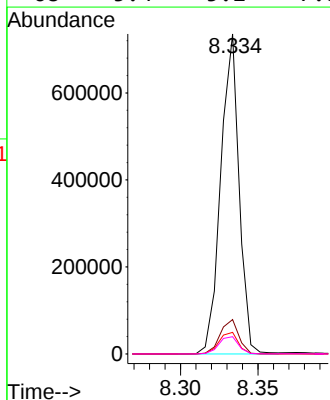
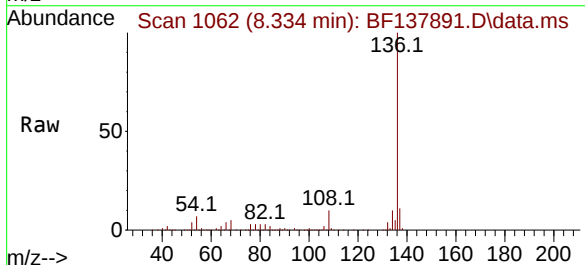
Instrument :
BNA_F
ClientSampleId :
SW-04-011

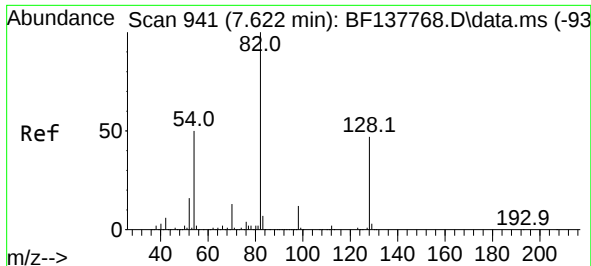
Tgt Ion: 99 Resp: 875318
Ion Ratio Lower Upper
99 100
42 15.8 13.2 19.8
71 33.0 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137891.D
Acq: 10 May 2024 20:21

Tgt Ion: 136 Resp: 606276
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.8 5.8 8.8
68 5.4 5.2 7.8





#23

Nitrobenzene-d5

Concen: 50.194 ng

RT: 7.610 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137891.D

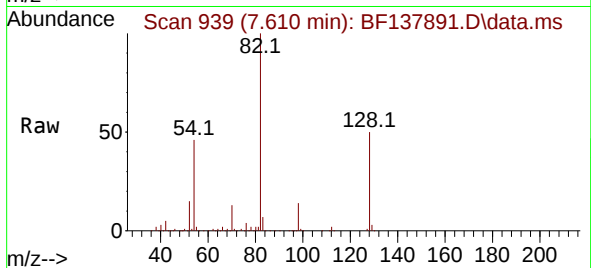
Acq: 10 May 2024 20:21

Instrument :

BNA_F

ClientSampleId :

SW-04-011



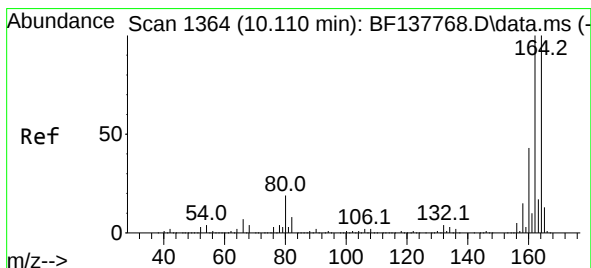
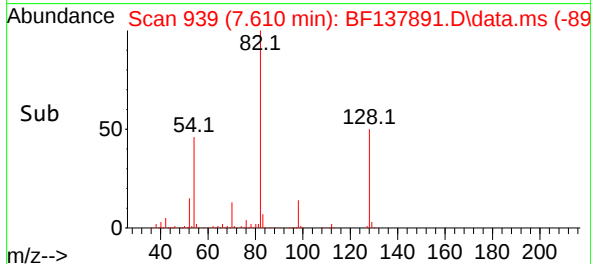
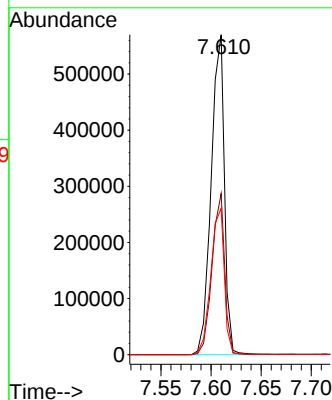
Tgt Ion: 82 Resp: 523797

Ion Ratio Lower Upper

82 100

128 50.4 37.5 56.3

54 45.8 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: BF137891.D

Acq: 10 May 2024 20:21

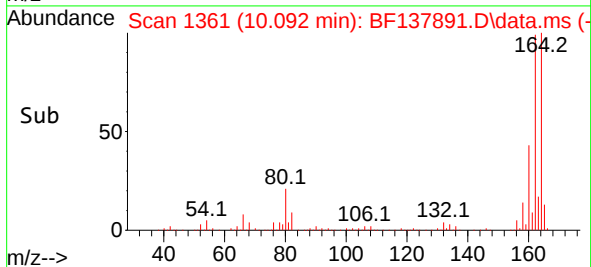
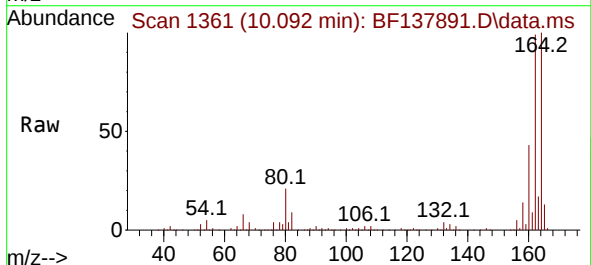
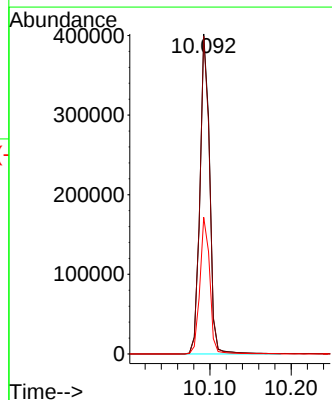
Tgt Ion: 164 Resp: 334508

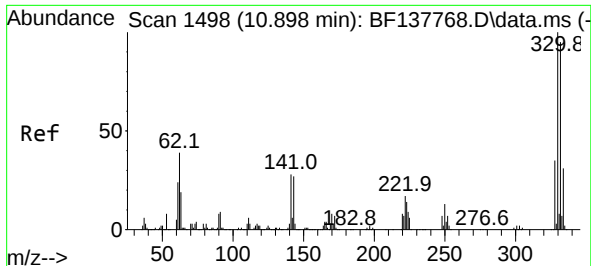
Ion Ratio Lower Upper

164 100

162 99.3 79.8 119.6

160 42.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 66.803 ng

RT: 10.886 min Scan# 1496

Delta R.T. -0.012 min

Lab File: BF137891.D

Acq: 10 May 2024 20:21

Instrument :

BNA_F

ClientSampleId :

SW-04-011

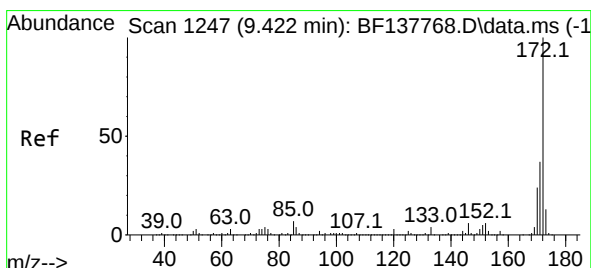
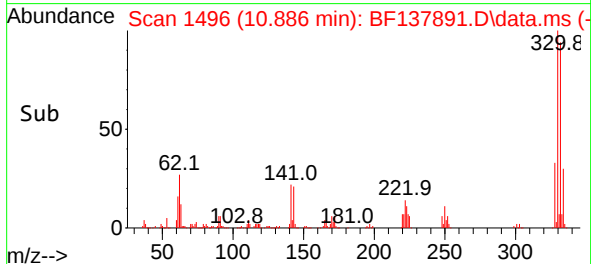
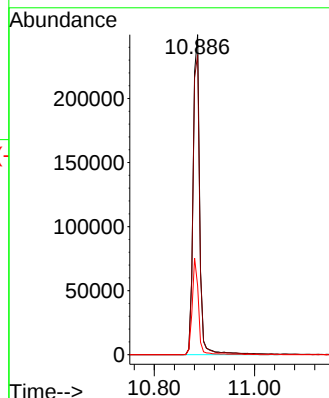
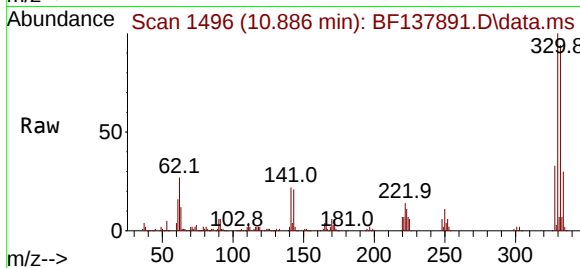
Tgt Ion:330 Resp: 228161

Ion Ratio Lower Upper

330 100

332 94.9 77.3 115.9

141 28.7 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 56.758 ng

RT: 9.404 min Scan# 1244

Delta R.T. -0.018 min

Lab File: BF137891.D

Acq: 10 May 2024 20:21

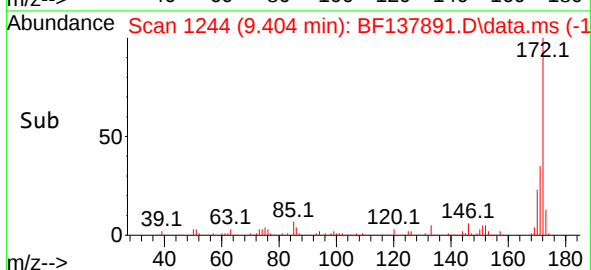
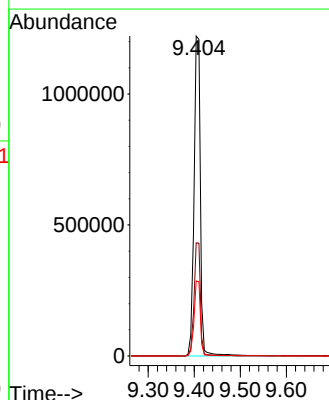
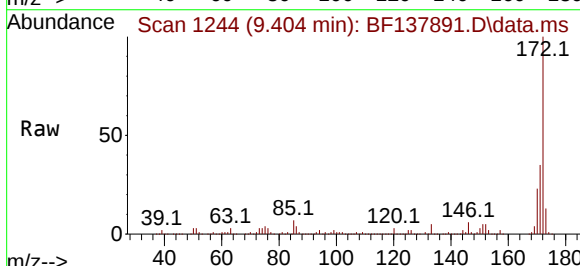
Tgt Ion:172 Resp: 1170268

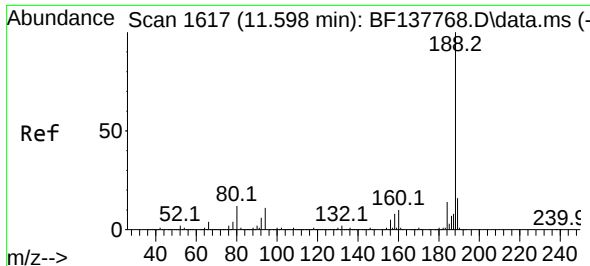
Ion Ratio Lower Upper

172 100

171 35.4 29.6 44.4

170 23.5 19.4 29.2

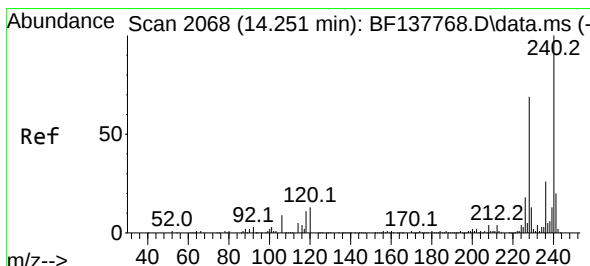
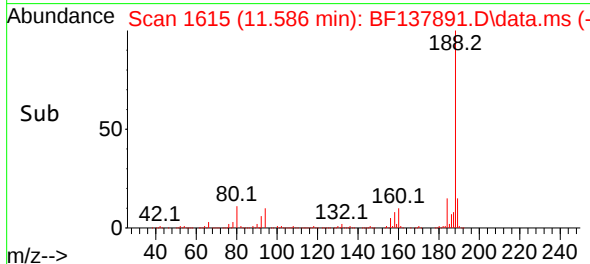
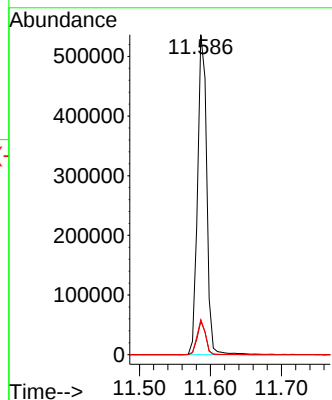
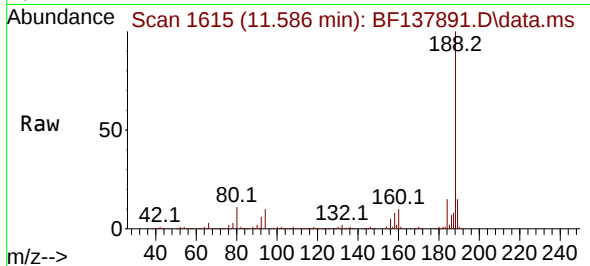




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137891.D
Acq: 10 May 2024 20:21

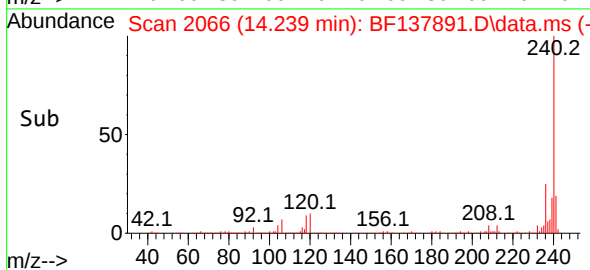
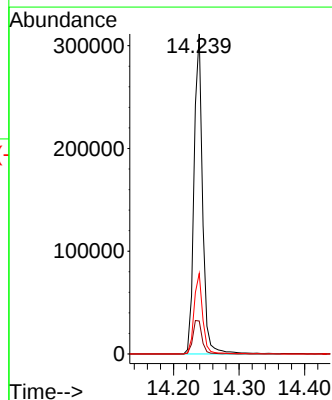
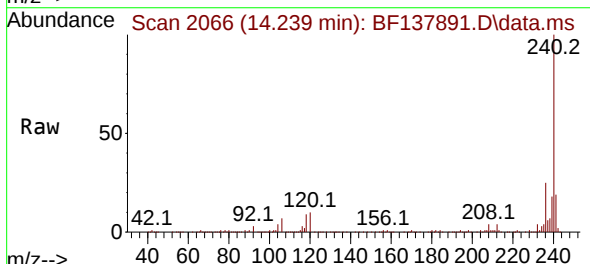
Instrument :
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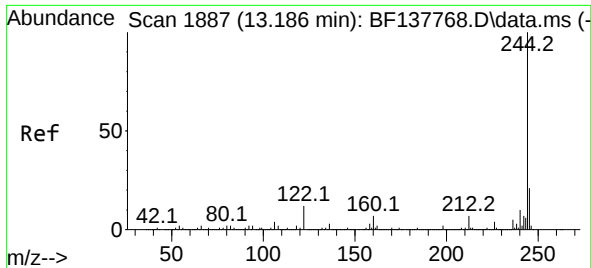
Tgt Ion:188 Resp: 482911
Ion Ratio Lower Upper
188 100
94 10.5 8.8 13.2
80 11.0 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.239 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BF137891.D
Acq: 10 May 2024 20:21

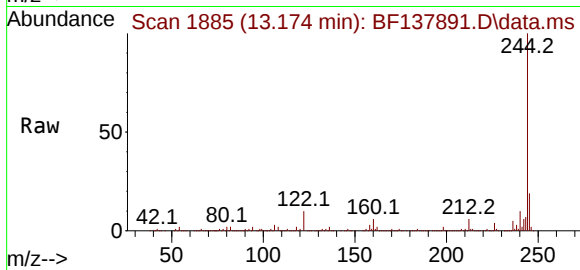
Tgt Ion:240 Resp: 283169
Ion Ratio Lower Upper
240 100
120 10.3 10.4 15.6#
236 25.1 20.4 30.6



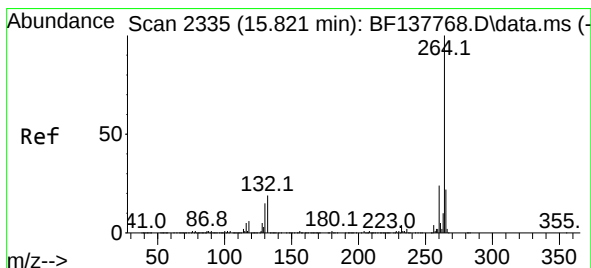
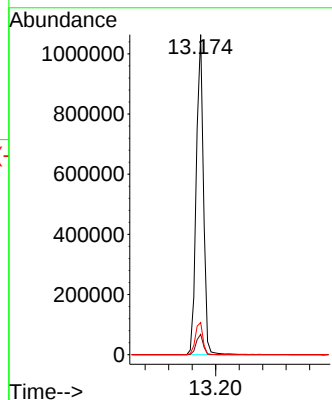
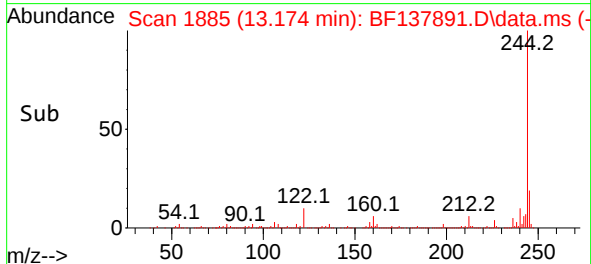


#79
 Terphenyl-d14
 Concen: 52.972 ng
 RT: 13.174 min Scan# 1885
 Delta R.T. -0.012 min
 Lab File: BF137891.D
 Acq: 10 May 2024 20:21

Instrument :
 BNA_F
 ClientSampleId :
 SW-04-011



Tgt Ion:244 Resp: 895057
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.5 8.3
 122 10.1 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.810 min Scan# 2333
 Delta R.T. -0.012 min
 Lab File: BF137891.D
 Acq: 10 May 2024 20:21

Tgt Ion:264 Resp: 249998
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 21.6 17.4 26.0

