

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137892.D
 Acq On : 10 May 2024 20:51
 Operator : CG\JU
 Sample : P2432-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-01-011

Quant Time: May 11 00:43:47 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	158398	20.000	ng	-0.01
21) Naphthalene-d8	8.334	136	615396	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	339142	20.000	ng	-0.02
64) Phenanthrene-d10	11.586	188	511774	20.000	ng	-0.01
76) Chrysene-d12	14.239	240	304019	20.000	ng	-0.01
86) Perylene-d12	15.810	264	276189	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	779424	82.386	ng	0.00
7) Phenol-d6	6.657	99	968945	80.746	ng	-0.02
23) Nitrobenzene-d5	7.610	82	572483	54.047	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	268146	77.438	ng	-0.01
45) 2-Fluorobiphenyl	9.404	172	1233590	59.012	ng	-0.02
79) Terphenyl-d14	13.174	244	1006624	55.489	ng	-0.01

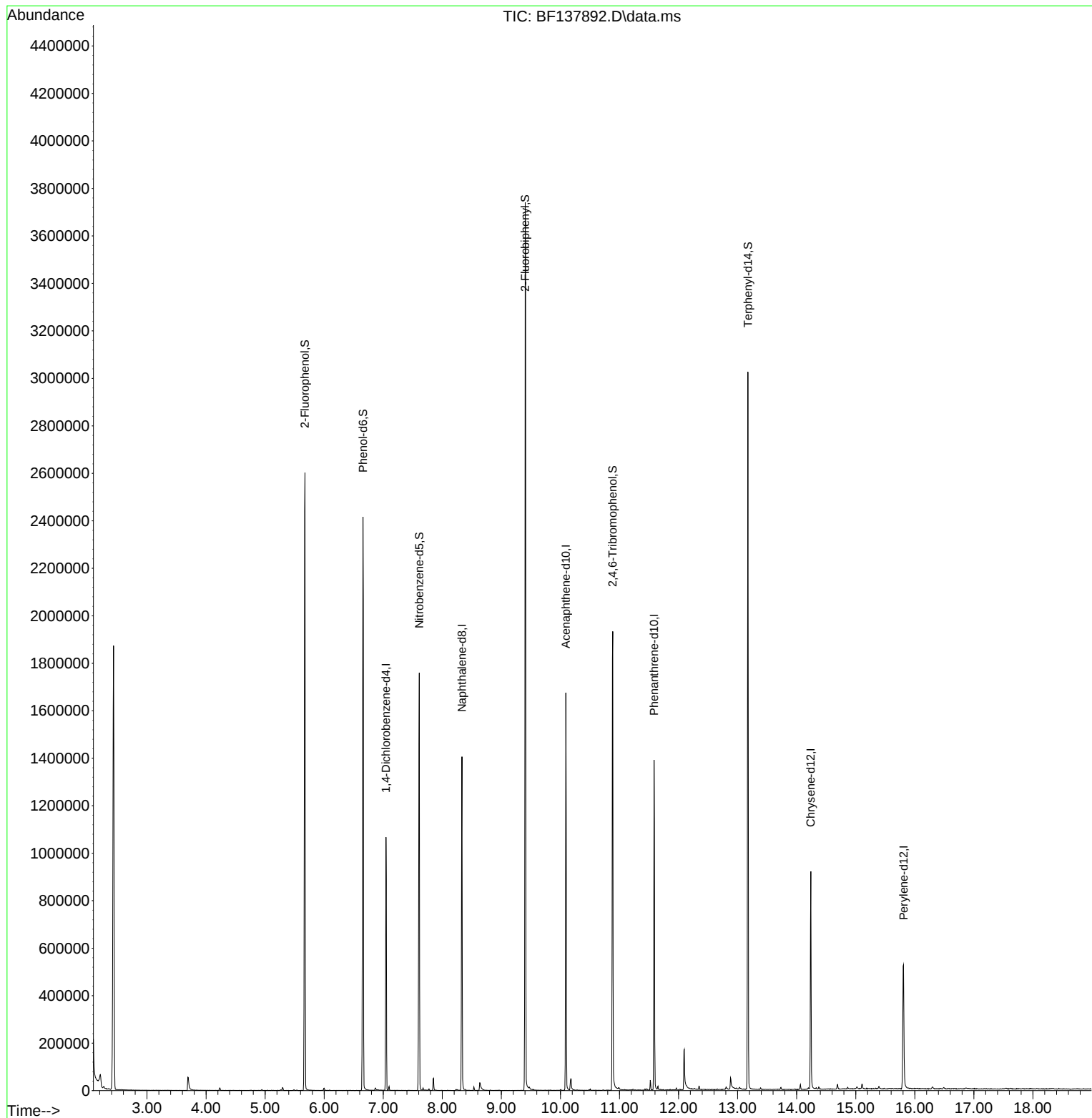
Target Compounds	Qvalue

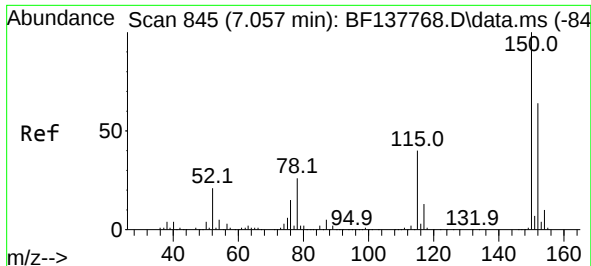
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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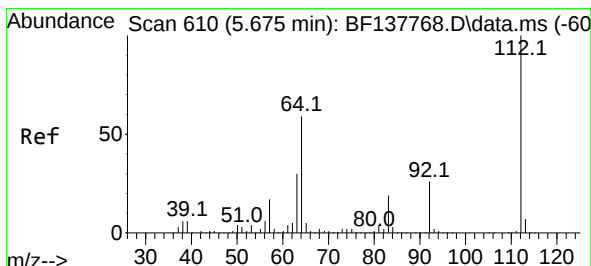
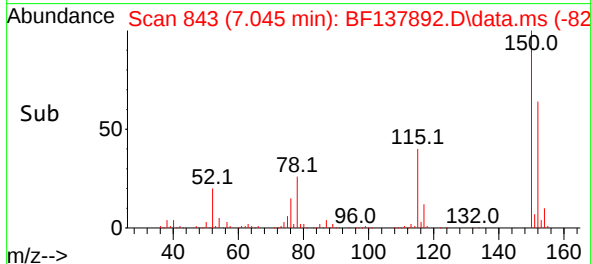
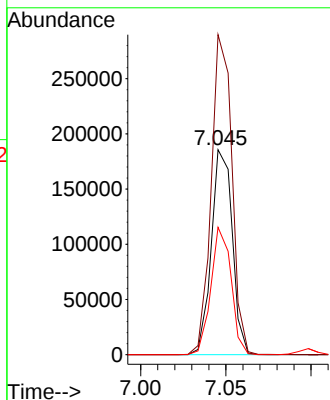
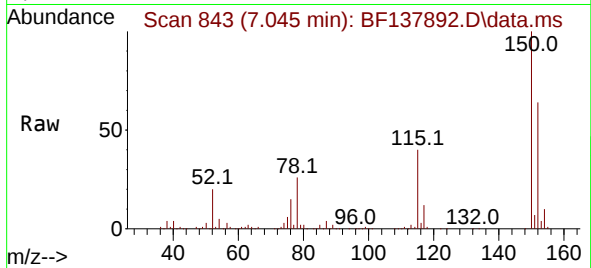




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF137892.D
Acq: 10 May 2024 20:51

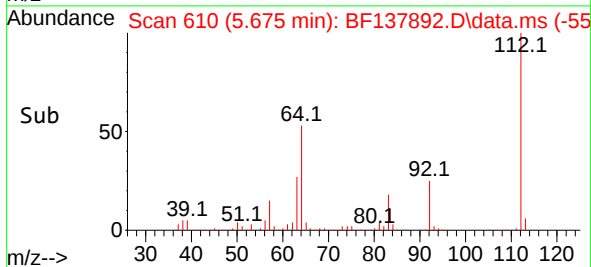
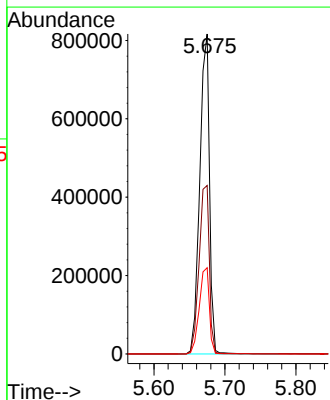
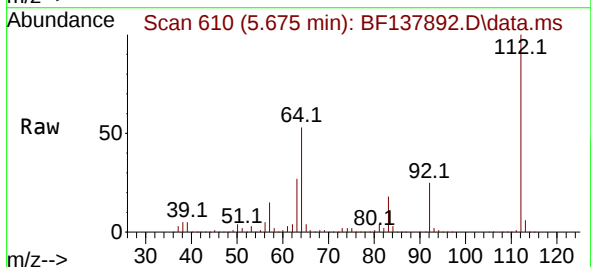
Instrument :
BNA_F
ClientSampleId :
B-01-011

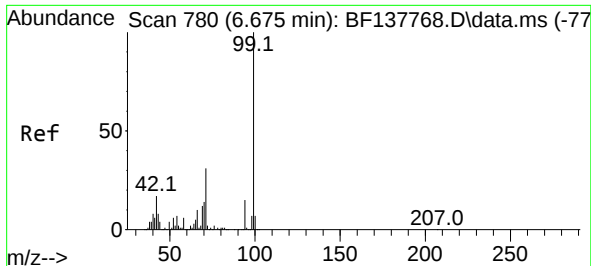
Tgt Ion:152 Resp: 158398
Ion Ratio Lower Upper
152 100
150 156.2 124.1 186.1
115 62.2 49.1 73.7



#5
2-Fluorophenol
Concen: 82.386 ng
RT: 5.675 min Scan# 610
Delta R.T. -0.000 min
Lab File: BF137892.D
Acq: 10 May 2024 20:51

Tgt Ion:112 Resp: 779424
Ion Ratio Lower Upper
112 100
64 52.7 47.3 70.9
63 26.9 23.7 35.5

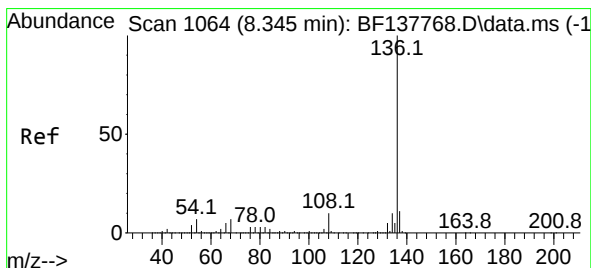
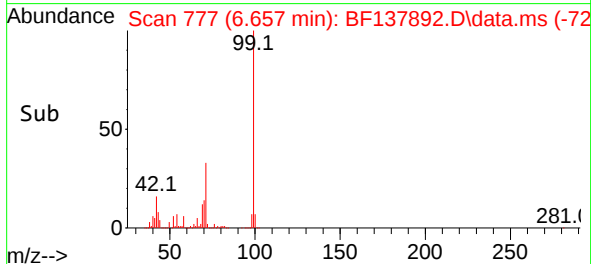
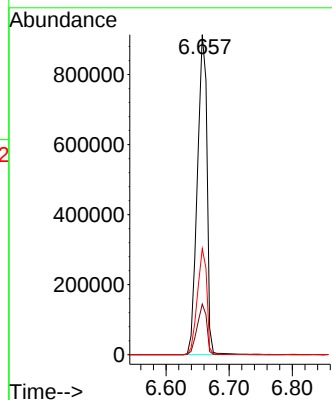
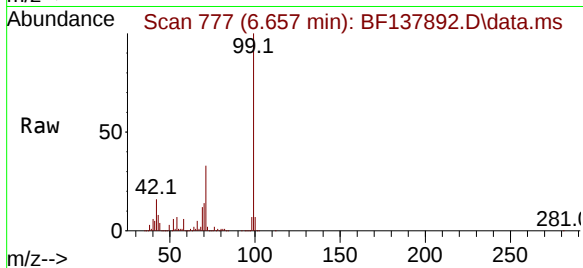




#7
Phenol-d6
Concen: 80.746 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137892.D
Acq: 10 May 2024 20:51

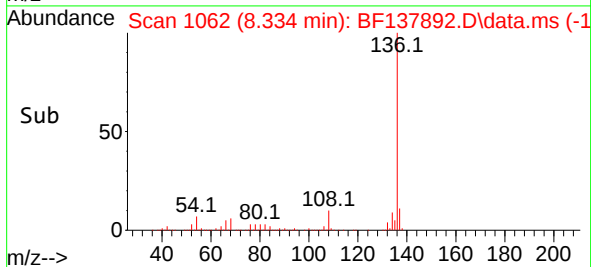
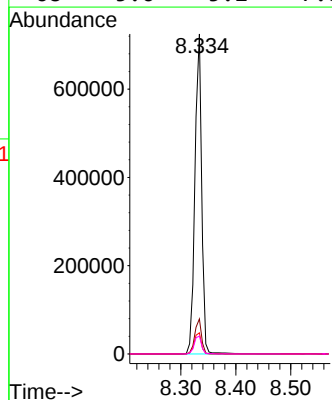
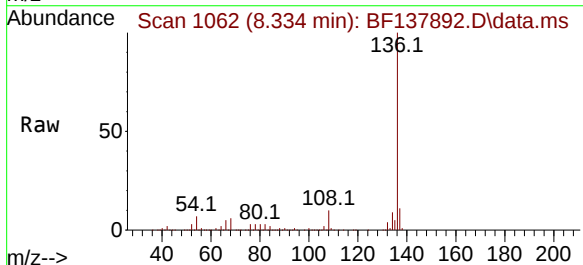
Instrument :
BNA_F
ClientSampleId :
B-01-011

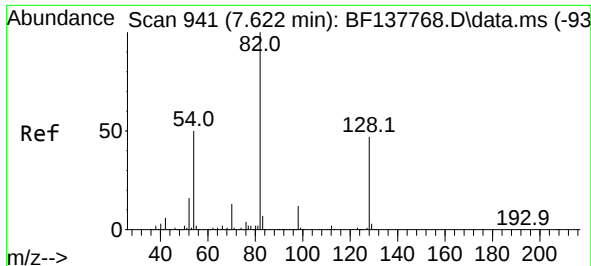
Tgt Ion: 99 Resp: 968945
Ion Ratio Lower Upper
99 100
42 15.8 13.2 19.8
71 33.1 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137892.D
Acq: 10 May 2024 20:51

Tgt Ion: 136 Resp: 615396
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.6 5.8 8.8
68 5.6 5.2 7.8





#23

Nitrobenzene-d5

Concen: 54.047 ng

RT: 7.610 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137892.D

Acq: 10 May 2024 20:51

Instrument :

BNA_F

ClientSampleId :

B-01-011

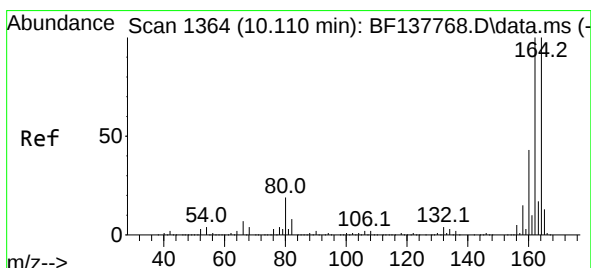
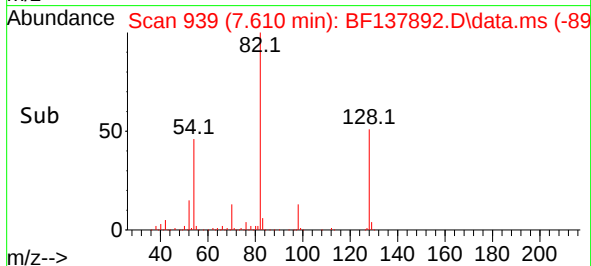
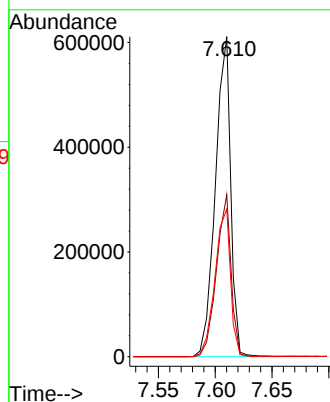
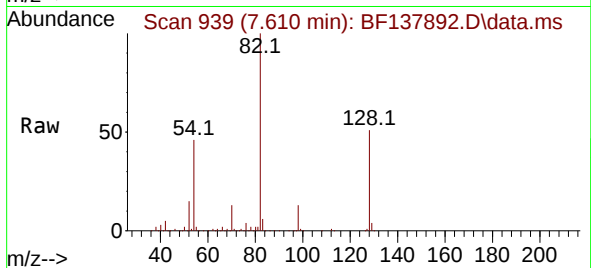
Tgt Ion: 82 Resp: 572483

Ion Ratio Lower Upper

82 100

128 50.6 37.5 56.3

54 46.2 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: BF137892.D

Acq: 10 May 2024 20:51

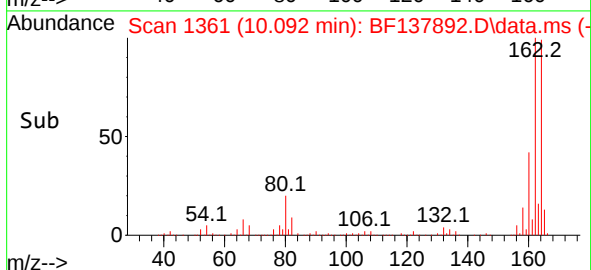
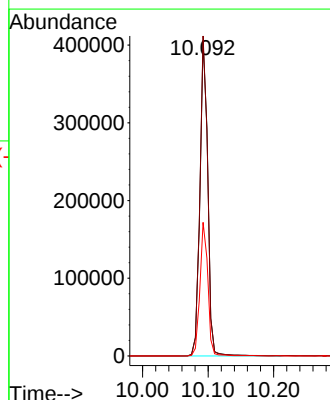
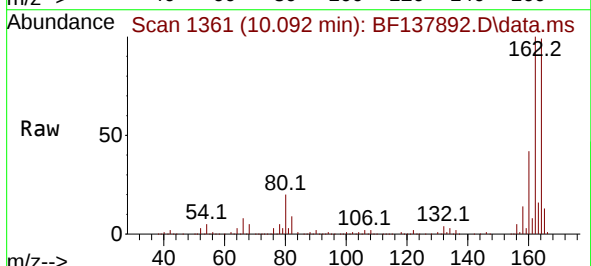
Tgt Ion: 164 Resp: 339142

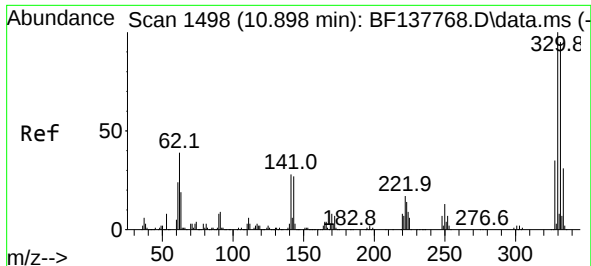
Ion Ratio Lower Upper

164 100

162 101.4 79.8 119.6

160 42.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 77.438 ng

RT: 10.886 min Scan# 1496

Delta R.T. -0.012 min

Lab File: BF137892.D

Acq: 10 May 2024 20:51

Instrument :

BNA_F

ClientSampleId :

B-01-011

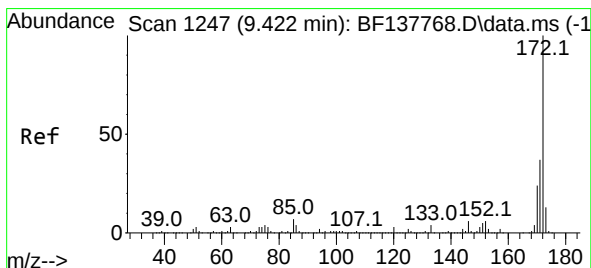
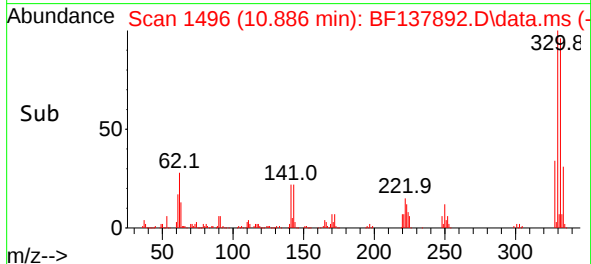
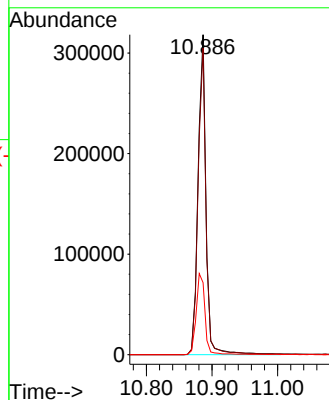
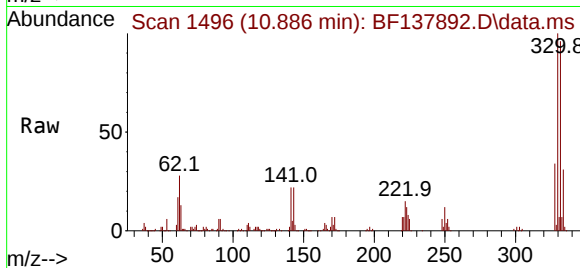
Tgt Ion:330 Resp: 268146

Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

141 28.3 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 59.012 ng

RT: 9.404 min Scan# 1244

Delta R.T. -0.018 min

Lab File: BF137892.D

Acq: 10 May 2024 20:51

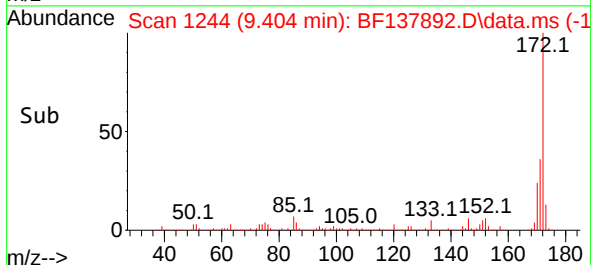
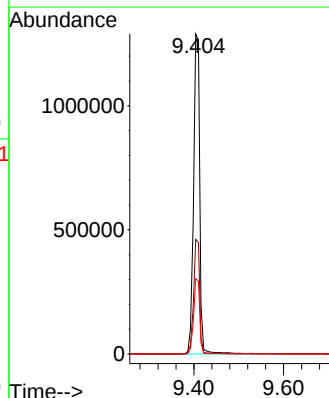
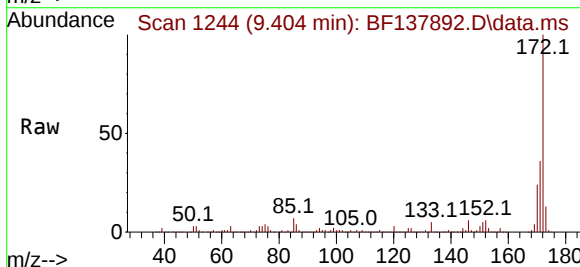
Tgt Ion:172 Resp: 1233590

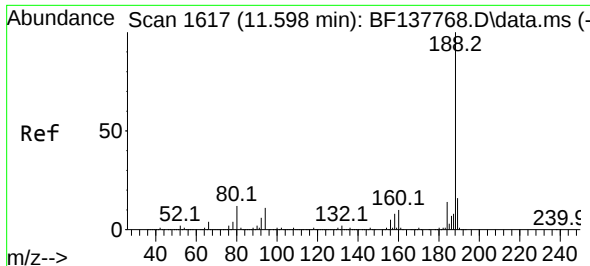
Ion Ratio Lower Upper

172 100

171 35.8 29.6 44.4

170 23.5 19.4 29.2

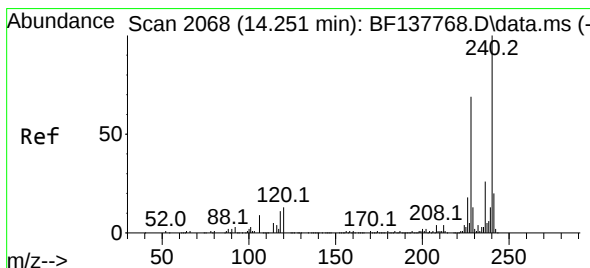
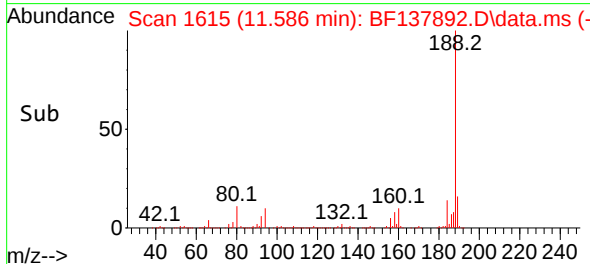
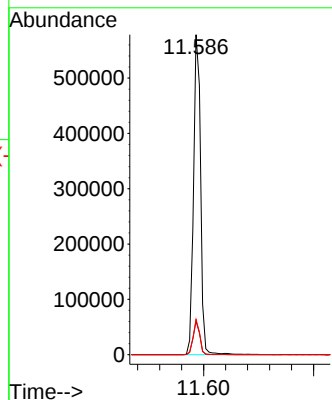
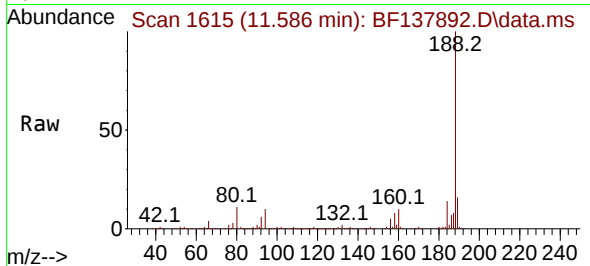




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.586 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF137892.D
Acq: 10 May 2024 20:51

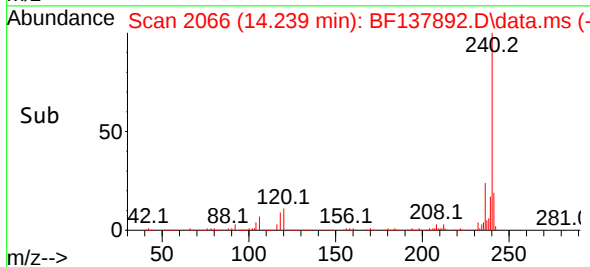
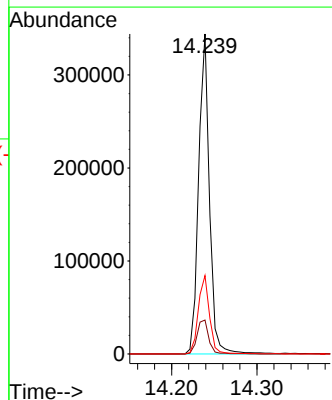
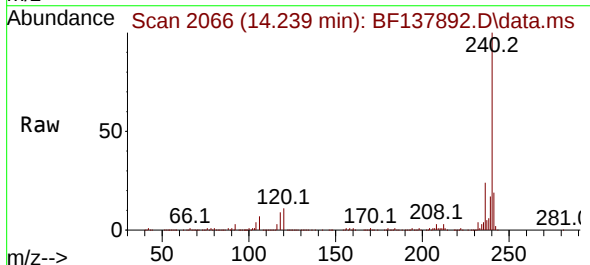
Instrument :
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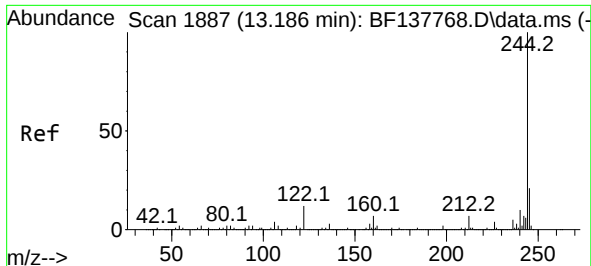
Tgt Ion:188 Resp: 511774
Ion Ratio Lower Upper
188 100
94 10.5 8.8 13.2
80 11.0 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.239 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BF137892.D
Acq: 10 May 2024 20:51

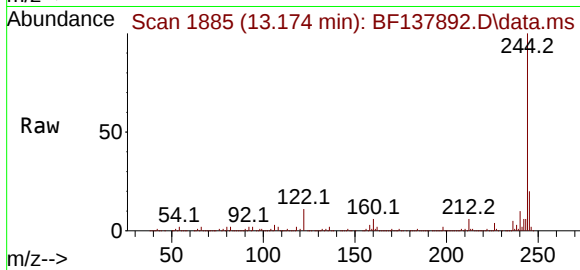
Tgt Ion:240 Resp: 304019
Ion Ratio Lower Upper
240 100
120 10.6 10.4 15.6
236 24.5 20.4 30.6



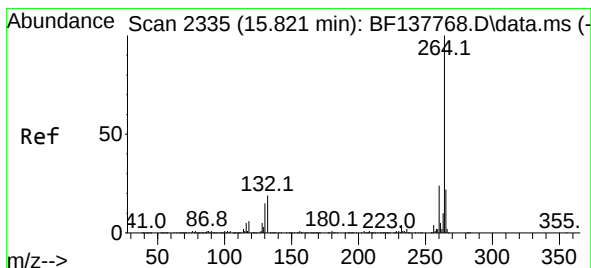
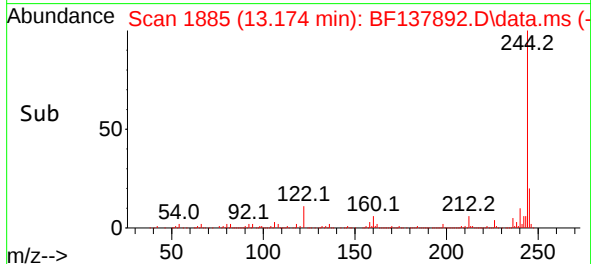
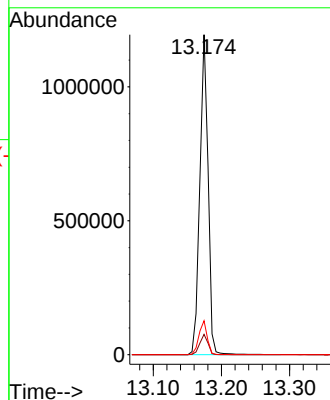


#79
Terphenyl-d14
Concen: 55.489 ng
RT: 13.174 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BF137892.D
Acq: 10 May 2024 20:51

Instrument :
BNA_F
ClientSampleId :
B-01-011



Tgt Ion:244 Resp: 1006624
Ion Ratio Lower Upper
244 100
212 6.4 5.5 8.3
122 10.6 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: BF137892.D
Acq: 10 May 2024 20:51

Tgt Ion:264 Resp: 276189
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 21.0 17.4 26.0

