

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137894.D
 Acq On : 10 May 2024 21:51
 Operator : CG\JU
 Sample : P2432-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-02-011

Quant Time: May 11 00:44:33 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	149085	20.000	ng	-0.01
21) Naphthalene-d8	8.334	136	573263	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	309449	20.000	ng	-0.02
64) Phenanthrene-d10	11.586	188	460363	20.000	ng	-0.01
76) Chrysene-d12	14.239	240	268242	20.000	ng	-0.01
86) Perylene-d12	15.810	264	250384	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	745835	83.761	ng	0.00
7) Phenol-d6	6.657	99	929908	82.334	ng	-0.02
23) Nitrobenzene-d5	7.610	82	545242	55.258	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	238499	75.485	ng	-0.01
45) 2-Fluorobiphenyl	9.404	172	1163360	60.992	ng	-0.02
79) Terphenyl-d14	13.174	244	928721	58.023	ng	-0.01

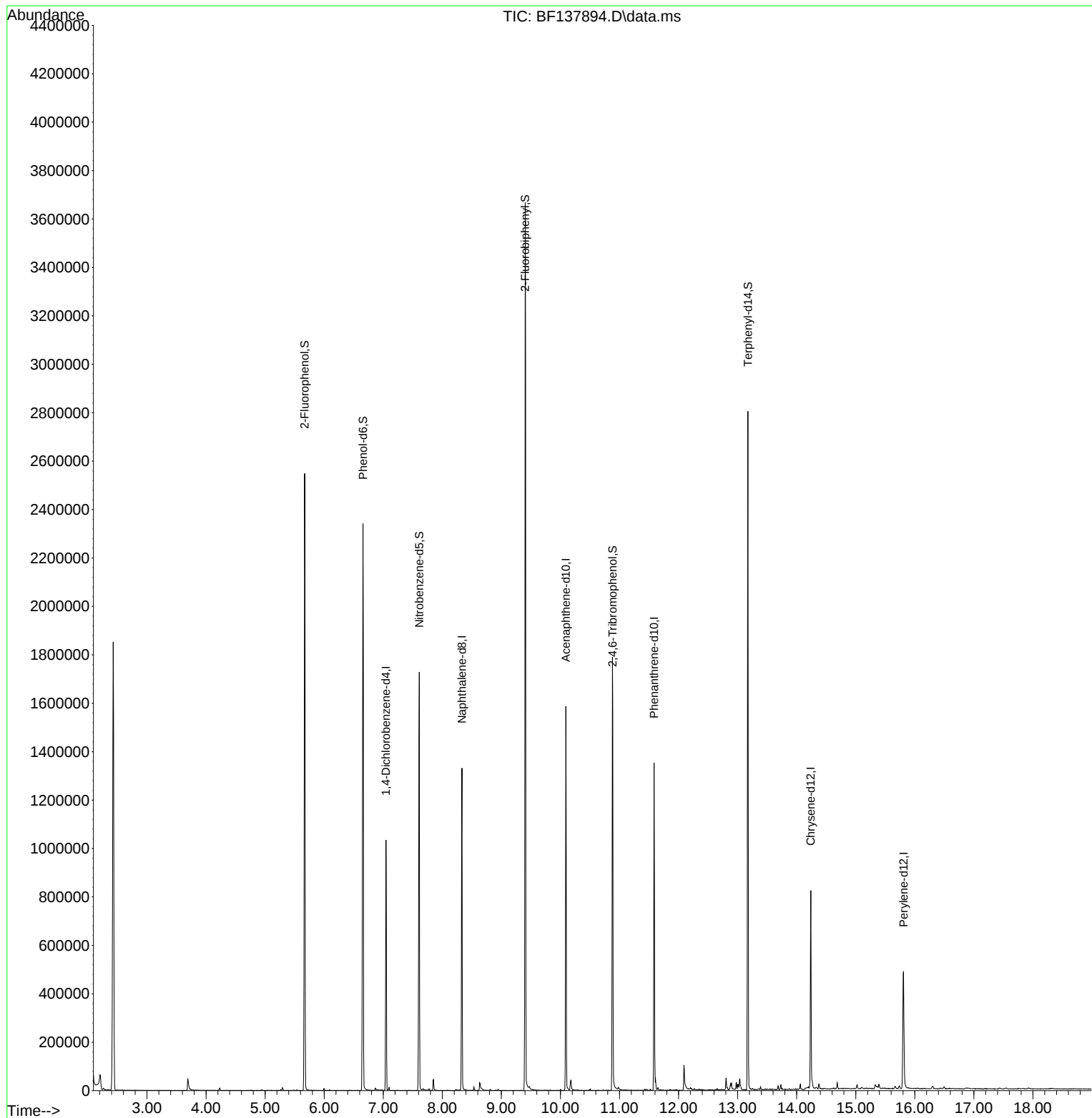
Target Compounds	Qvalue

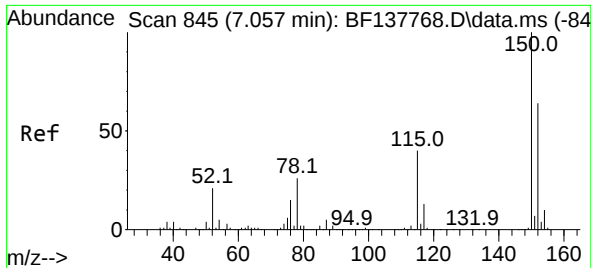
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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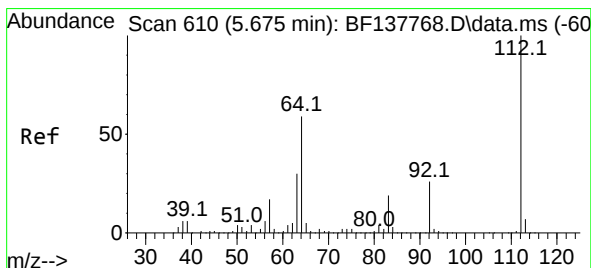
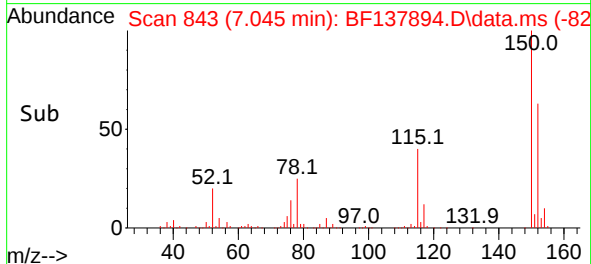
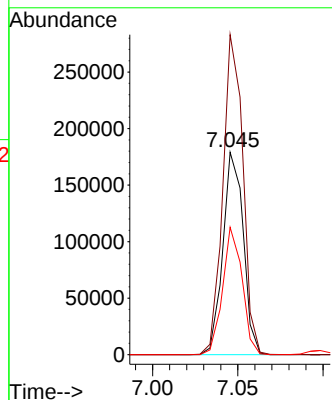
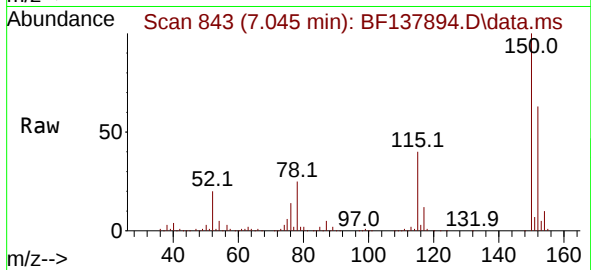




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF137894.D
Acq: 10 May 2024 21:51

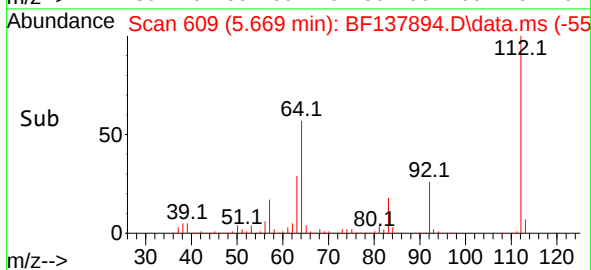
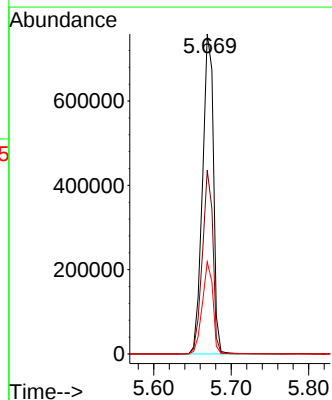
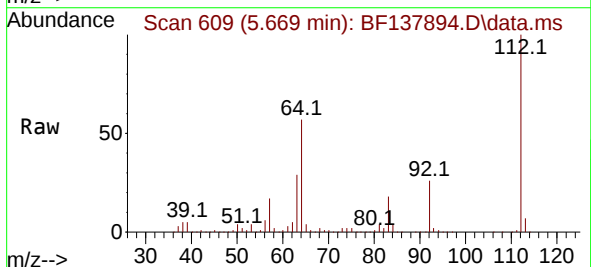
Instrument :
BNA_F
ClientSampleId :
SW-02-011

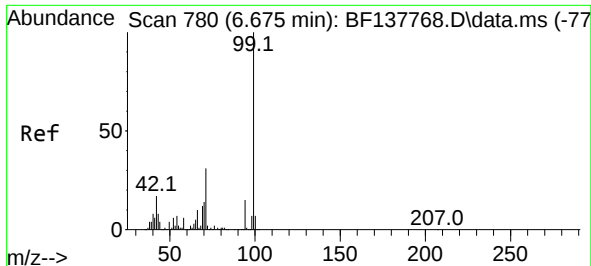
Tgt Ion:152 Resp: 149085
Ion Ratio Lower Upper
152 100
150 158.1 124.1 186.1
115 62.9 49.1 73.7



#5
2-Fluorophenol
Concen: 83.761 ng
RT: 5.669 min Scan# 609
Delta R.T. -0.006 min
Lab File: BF137894.D
Acq: 10 May 2024 21:51

Tgt Ion:112 Resp: 745835
Ion Ratio Lower Upper
112 100
64 57.5 47.3 70.9
63 28.8 23.7 35.5

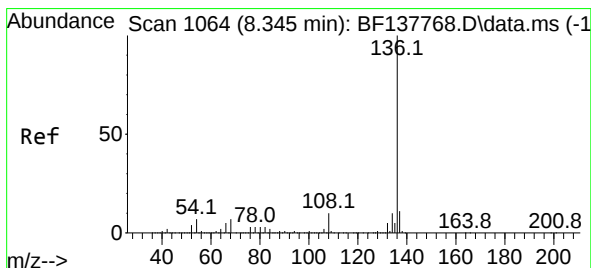
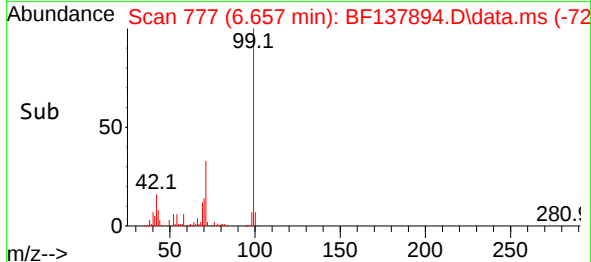
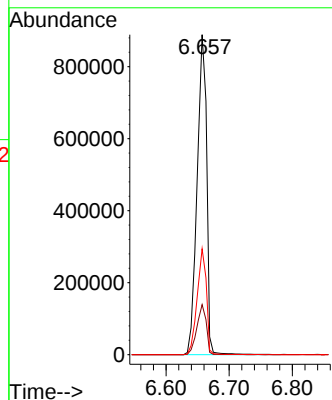
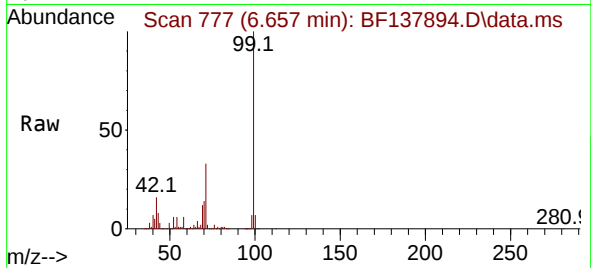




#7
Phenol-d6
Concen: 82.334 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137894.D
Acq: 10 May 2024 21:51

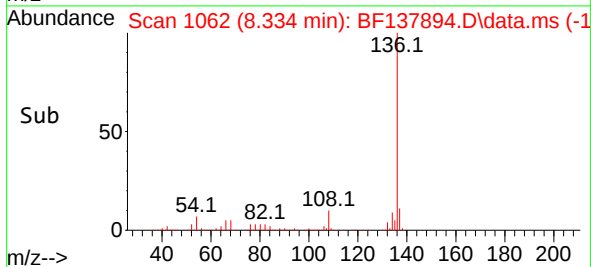
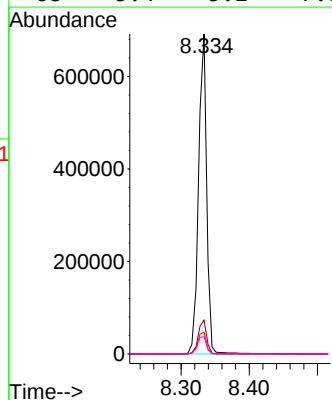
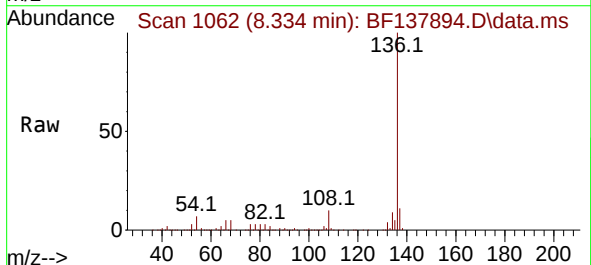
Instrument :
BNA_F
ClientSampleId :
SW-02-011

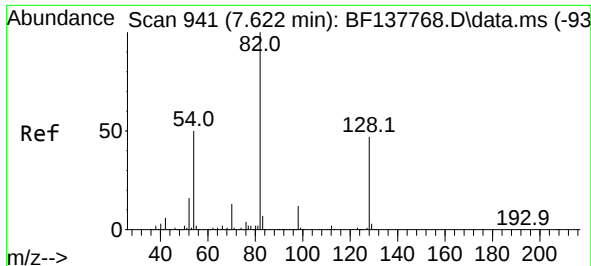
Tgt Ion: 99 Resp: 929908
Ion Ratio Lower Upper
99 100
42 15.6 13.2 19.8
71 33.1 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137894.D
Acq: 10 May 2024 21:51

Tgt Ion: 136 Resp: 573263
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.8 5.8 8.8
68 5.4 5.2 7.8





#23

Nitrobenzene-d5

Concen: 55.258 ng

RT: 7.610 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137894.D

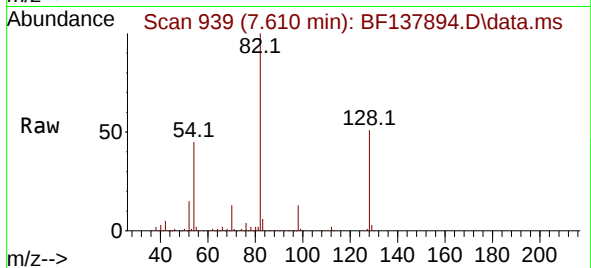
Acq: 10 May 2024 21:51

Instrument :

BNA_F

ClientSampleId :

SW-02-011



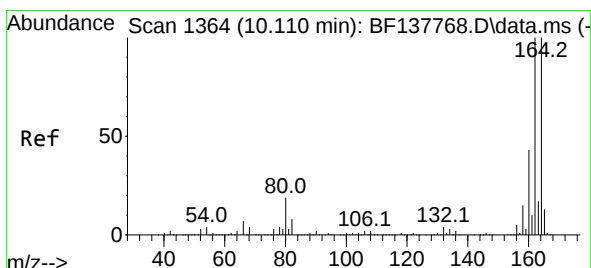
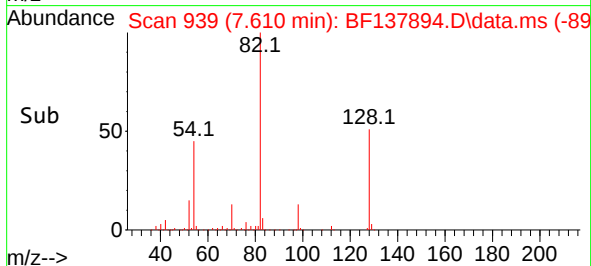
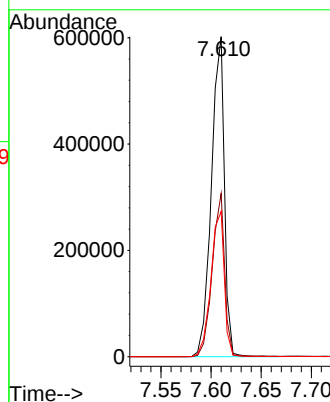
Tgt Ion: 82 Resp: 545242

Ion Ratio Lower Upper

82 100

128 51.0 37.5 56.3

54 45.4 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: BF137894.D

Acq: 10 May 2024 21:51

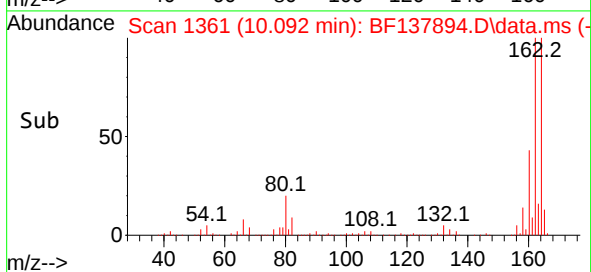
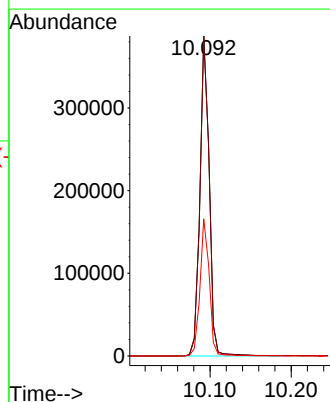
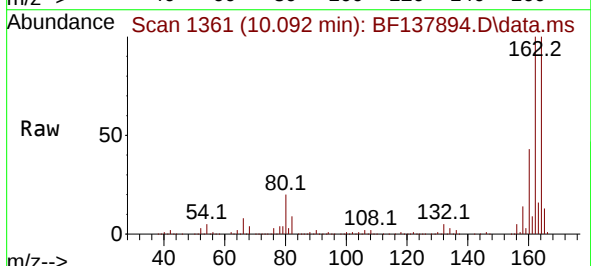
Tgt Ion:164 Resp: 309449

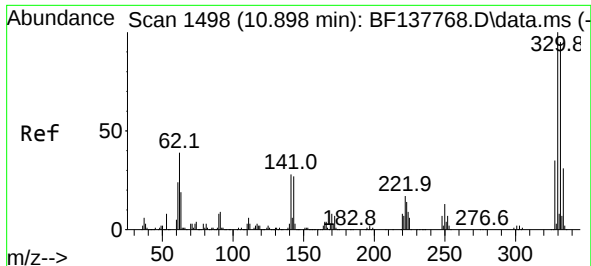
Ion Ratio Lower Upper

164 100

162 99.9 79.8 119.6

160 42.9 34.4 51.6

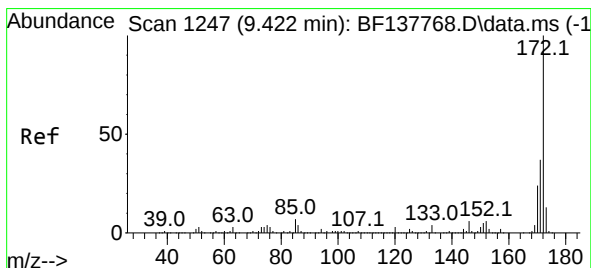
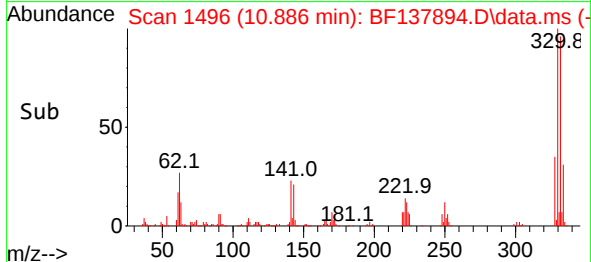
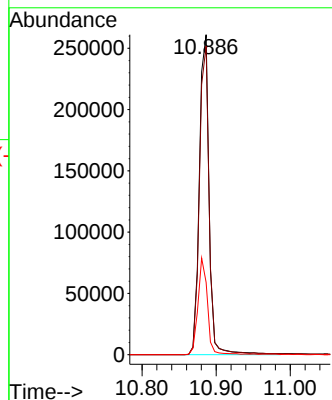
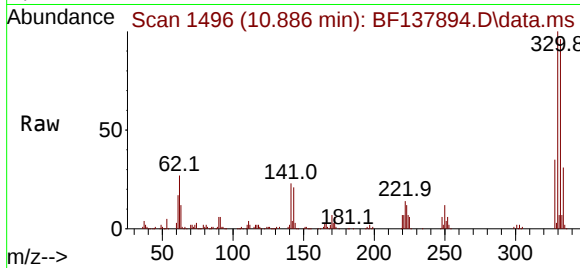




#42
 2,4,6-Tribromophenol
 Concen: 75.485 ng
 RT: 10.886 min Scan# 1496
 Delta R.T. -0.012 min
 Lab File: BF137894.D
 Acq: 10 May 2024 21:51

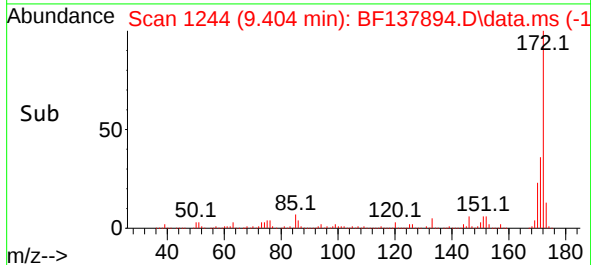
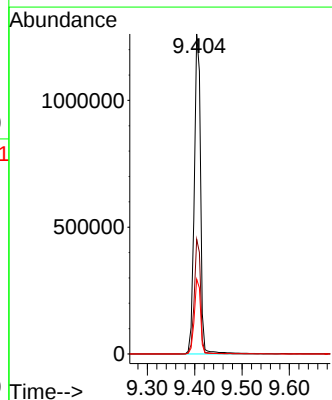
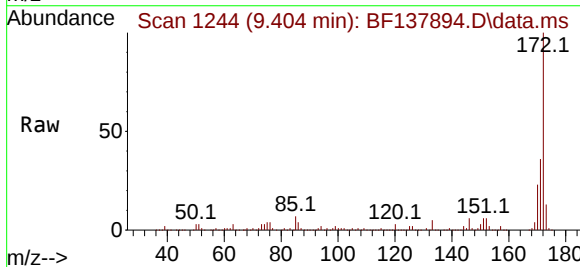
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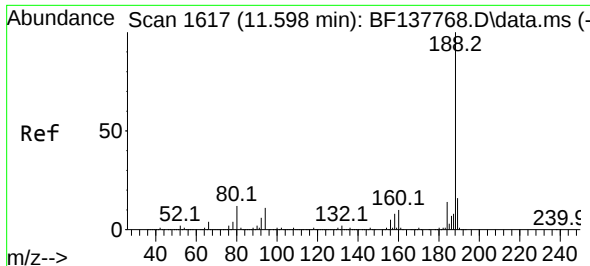
Tgt Ion:330 Resp: 238499
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.3 115.9
 141 29.4 23.8 35.6



#45
 2-Fluorobiphenyl
 Concen: 60.992 ng
 RT: 9.404 min Scan# 1244
 Delta R.T. -0.018 min
 Lab File: BF137894.D
 Acq: 10 May 2024 21:51

Tgt Ion:172 Resp: 1163360
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.4 19.4 29.2

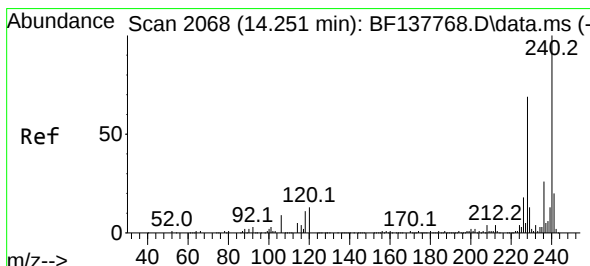
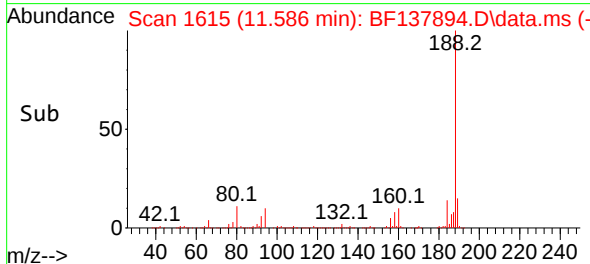
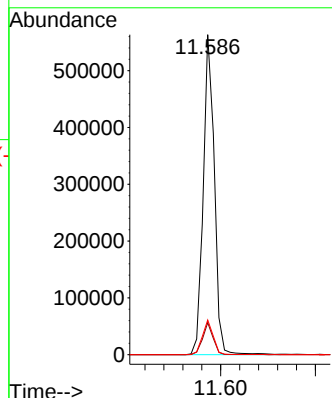
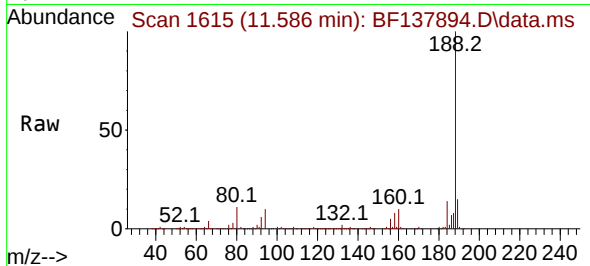




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137894.D
Acq: 10 May 2024 21:51

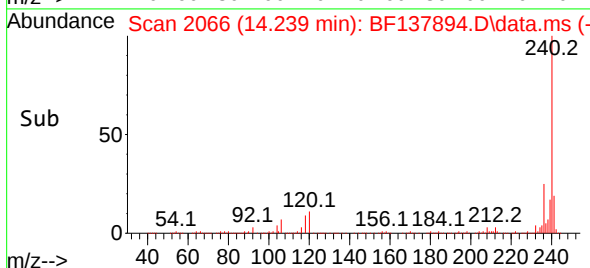
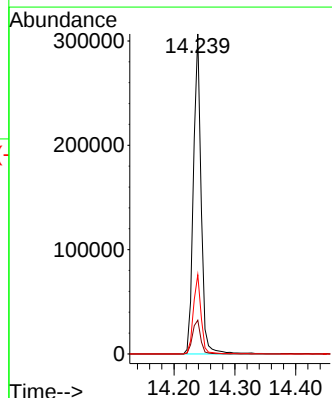
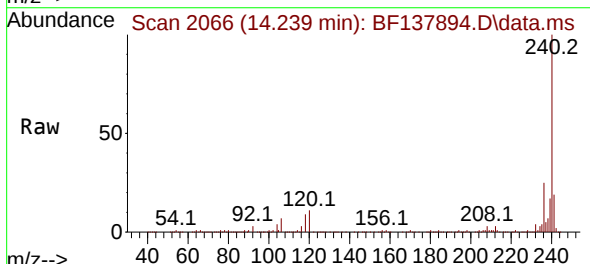
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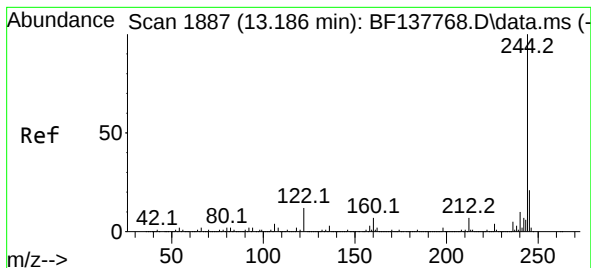
Tgt Ion:188 Resp: 460363
Ion Ratio Lower Upper
188 100
94 10.0 8.8 13.2
80 10.8 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.239 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BF137894.D
Acq: 10 May 2024 21:51

Tgt Ion:240 Resp: 268242
Ion Ratio Lower Upper
240 100
120 10.5 10.4 15.6
236 24.7 20.4 30.6





#79

Terphenyl-d14

Concen: 58.023 ng

RT: 13.174 min Scan# 1885

Delta R.T. -0.012 min

Lab File: BF137894.D

Acq: 10 May 2024 21:51

Instrument :

BNA_F

ClientSampleId :

SW-02-011

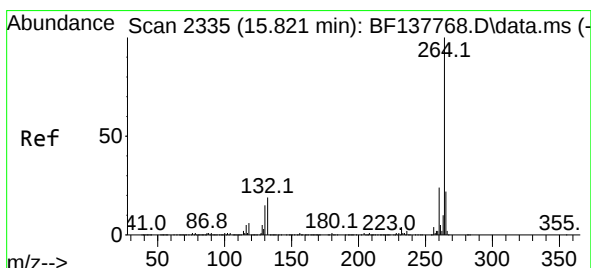
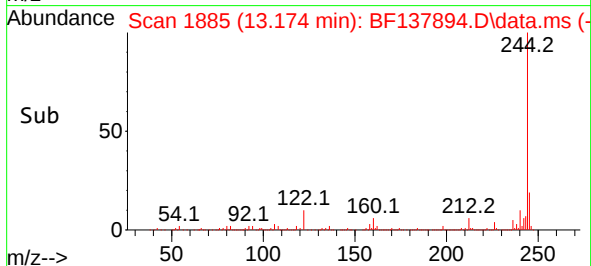
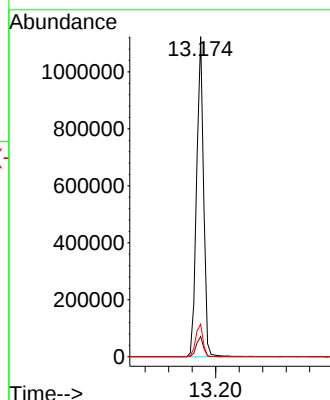
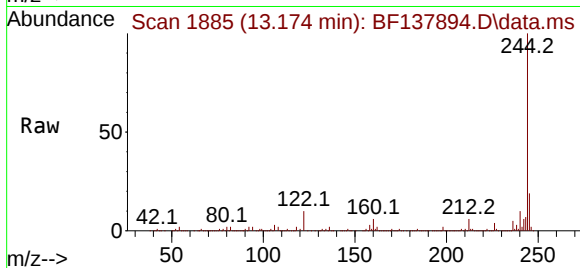
Tgt Ion:244 Resp: 928721

Ion Ratio Lower Upper

244 100

212 6.3 5.5 8.3

122 10.2 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: BF137894.D

Acq: 10 May 2024 21:51

Tgt Ion:264 Resp: 250384

Ion Ratio Lower Upper

264 100

260 22.4 18.9 28.3

265 19.8 17.4 26.0

