

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137893.D
 Acq On : 10 May 2024 21:21
 Operator : CG\JU
 Sample : P2432-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-01-011

Quant Time: May 11 00:44:10 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	148554	20.000	ng	-0.01
21) Naphthalene-d8	8.334	136	575580	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	309502	20.000	ng	-0.02
64) Phenanthrene-d10	11.586	188	431227	20.000	ng	-0.01
76) Chrysene-d12	14.239	240	259577	20.000	ng	#-0.01
86) Perylene-d12	15.810	264	236531	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	848943	95.681	ng	0.00
7) Phenol-d6	6.663	99	1044180	92.782	ng	-0.01
23) Nitrobenzene-d5	7.610	82	619477	62.529	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	268375	84.926	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	1299360	68.110	ng	-0.01
79) Terphenyl-d14	13.174	244	943196	60.894	ng	-0.01

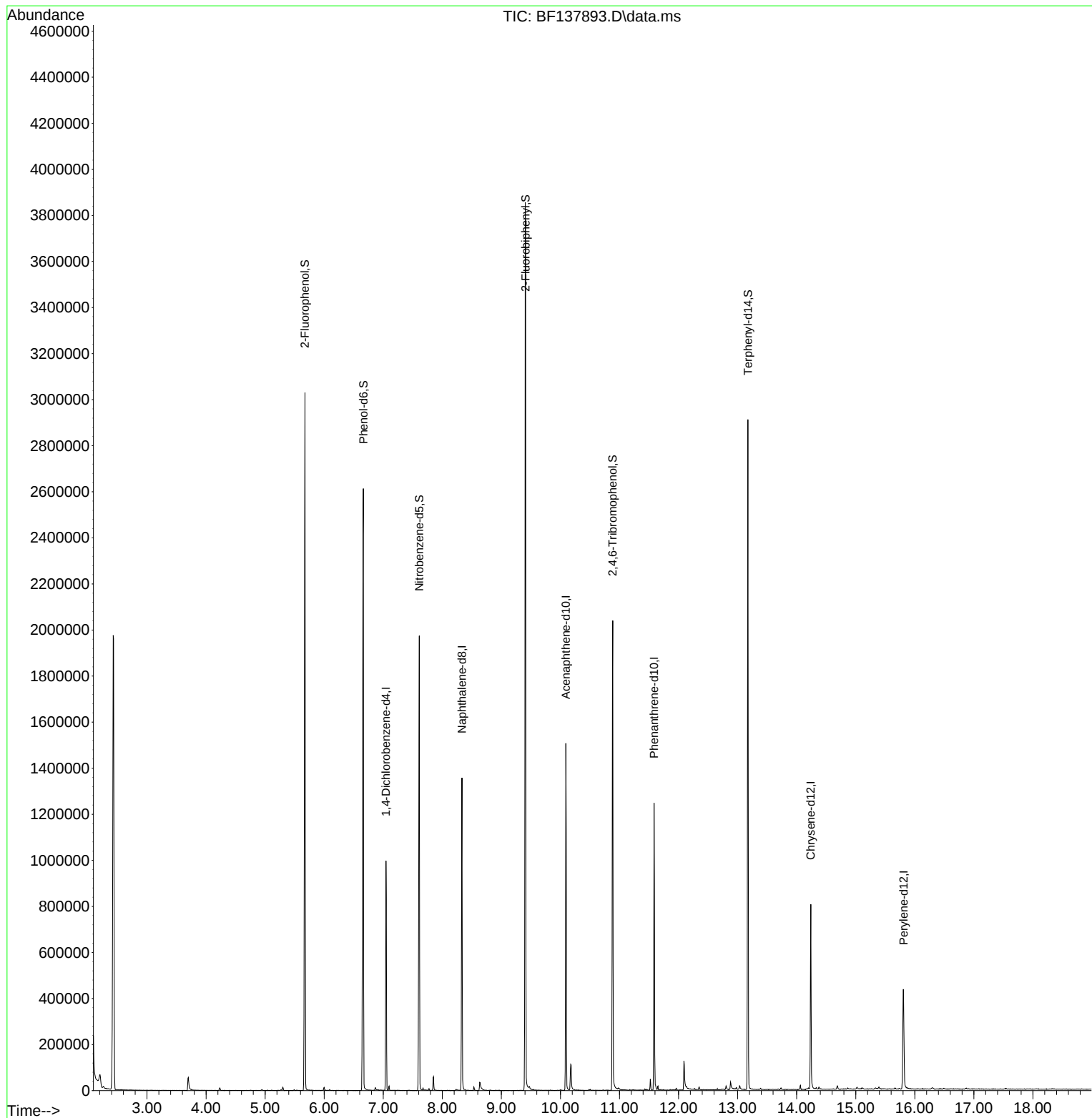
Target Compounds	Qvalue

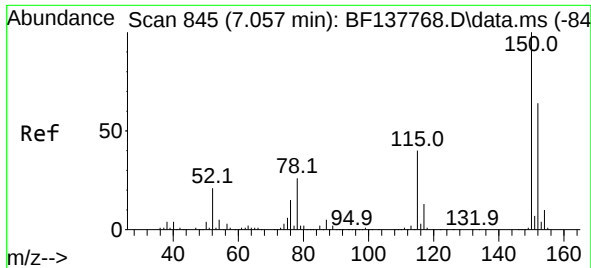
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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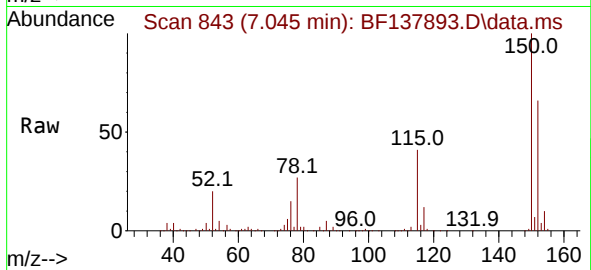
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
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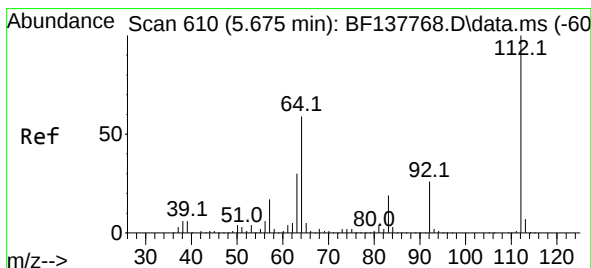
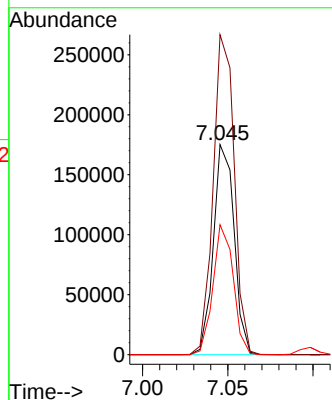
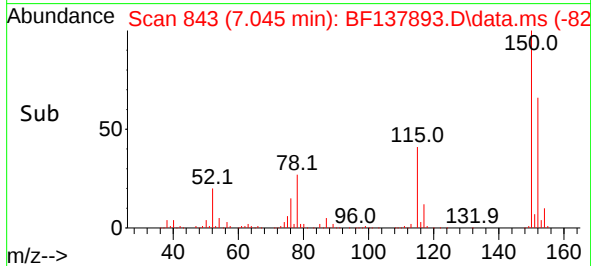


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF137893.D
Acq: 10 May 2024 21:21

Instrument :
BNA_F
ClientSampleId :
SW-01-011

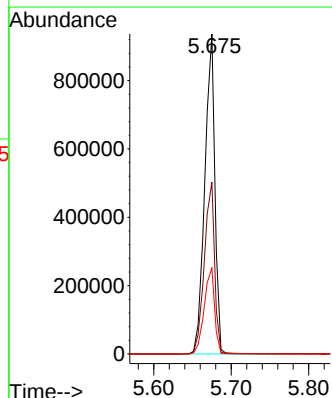
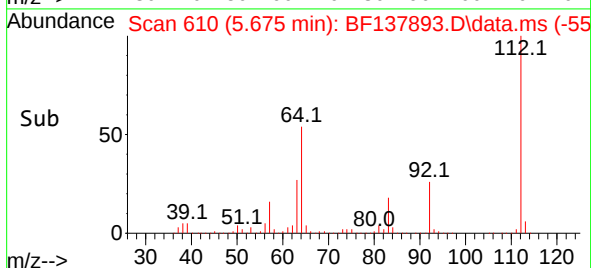
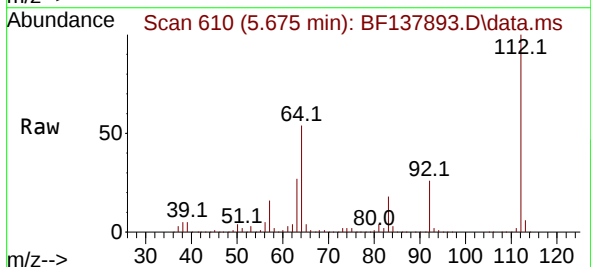


Tgt Ion:152 Resp: 148554
Ion Ratio Lower Upper
152 100
150 152.3 124.1 186.1
115 61.9 49.1 73.7



#5
2-Fluorophenol
Concen: 95.681 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.000 min
Lab File: BF137893.D
Acq: 10 May 2024 21:21

Tgt Ion:112 Resp: 848943
Ion Ratio Lower Upper
112 100
64 53.7 47.3 70.9
63 26.8 23.7 35.5



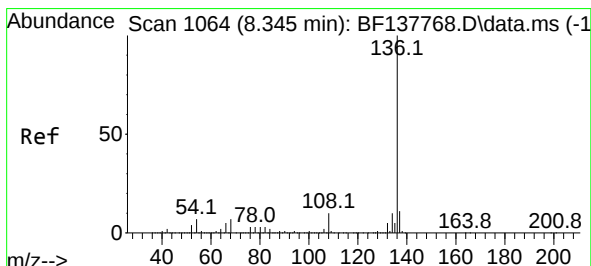
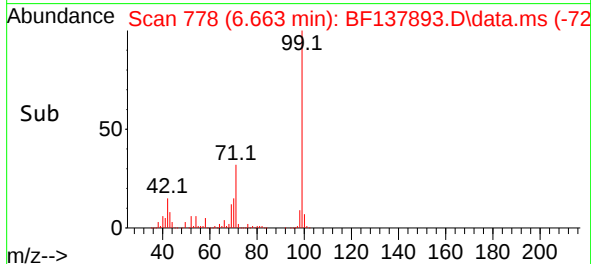
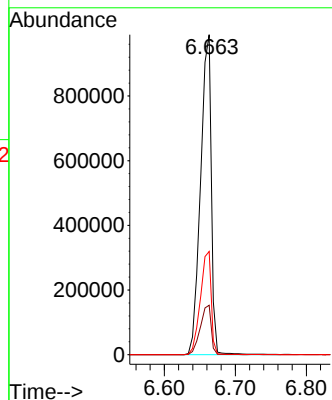
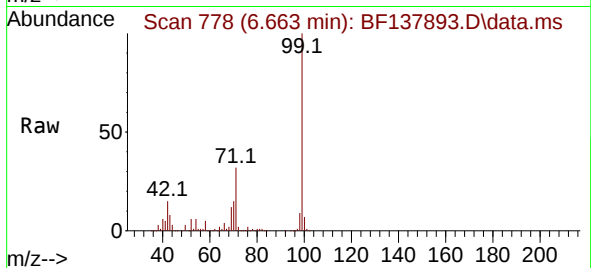


#7
Phenol-d6
Concen: 92.782 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137893.D
Acq: 10 May 2024 21:21

Instrument :
BNA_F
ClientSampleId :
SW-01-011

Tgt Ion: 99 Resp: 1044180

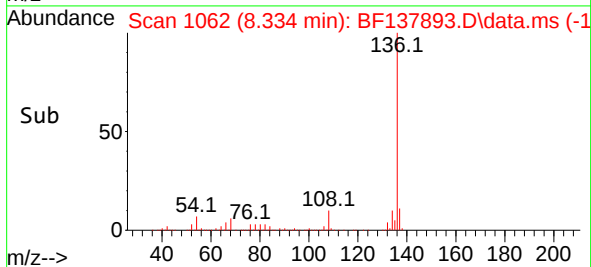
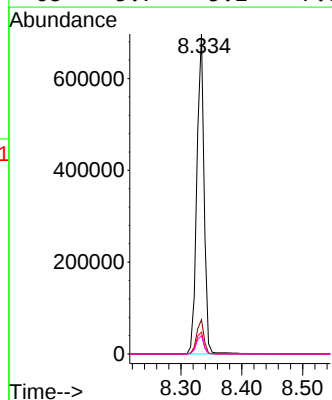
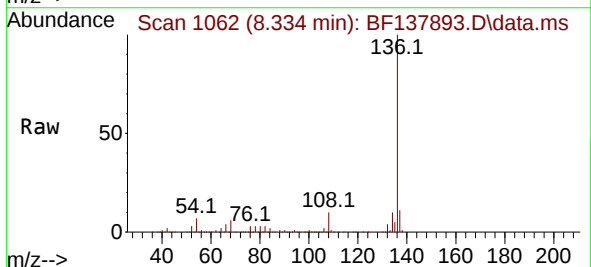
Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.2	19.8
71	32.3	25.0	37.4

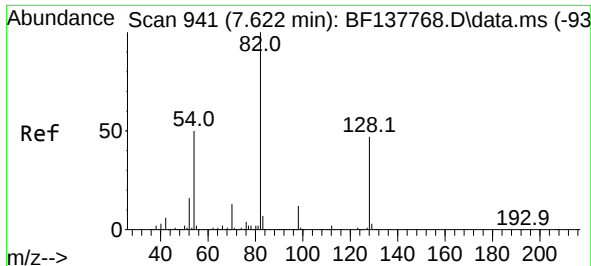


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137893.D
Acq: 10 May 2024 21:21

Tgt Ion: 136 Resp: 575580

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.9	5.8	8.8
68	5.7	5.2	7.8





#23

Nitrobenzene-d5

Concen: 62.529 ng

RT: 7.610 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137893.D

Acq: 10 May 2024 21:21

Instrument :

BNA_F

ClientSampleId :

SW-01-011

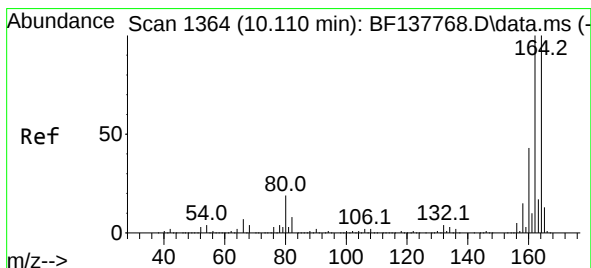
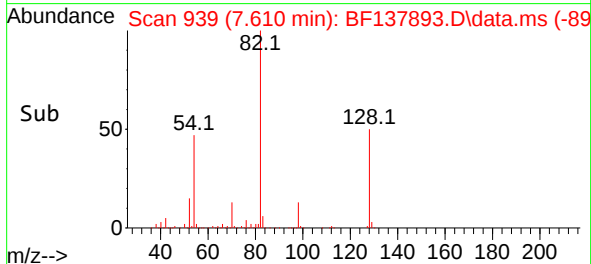
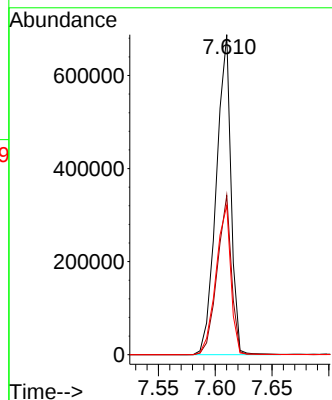
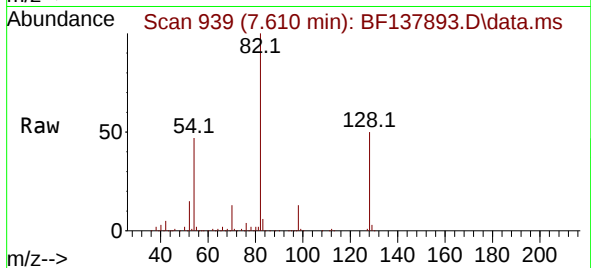
Tgt Ion: 82 Resp: 619477

Ion Ratio Lower Upper

82 100

128 49.7 37.5 56.3

54 46.6 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: BF137893.D

Acq: 10 May 2024 21:21

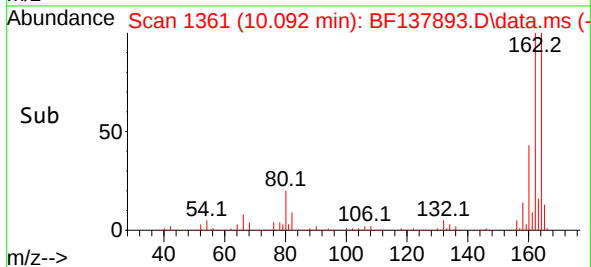
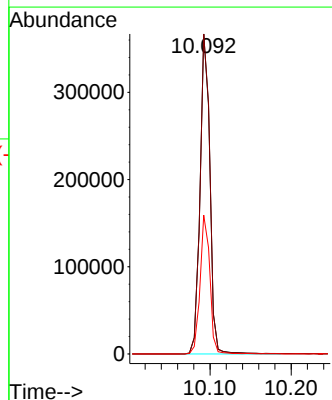
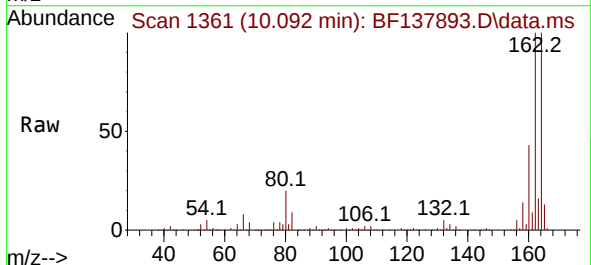
Tgt Ion: 164 Resp: 309502

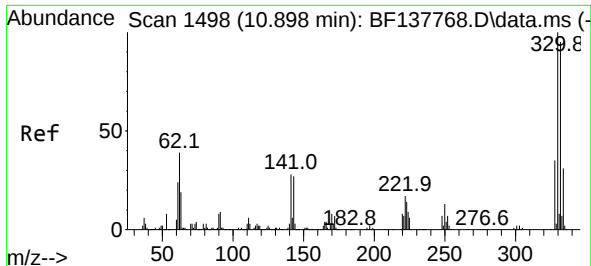
Ion Ratio Lower Upper

164 100

162 99.9 79.8 119.6

160 43.4 34.4 51.6

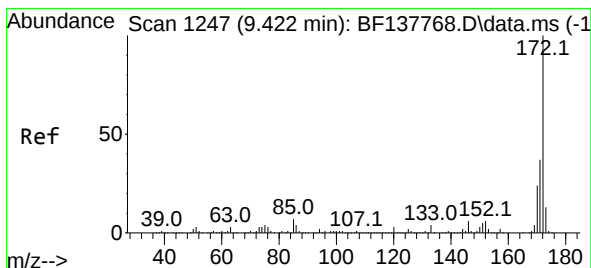
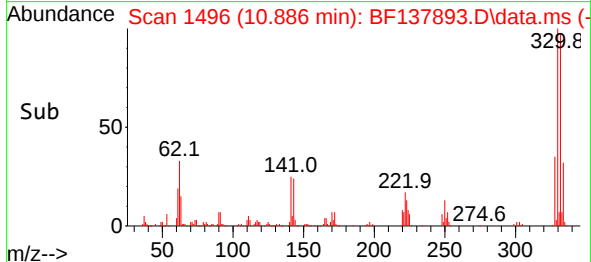
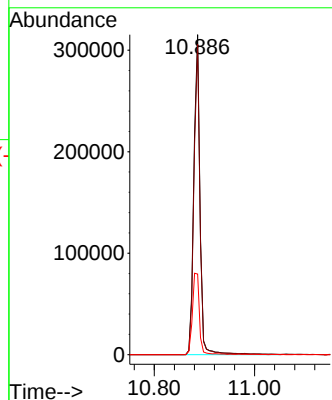
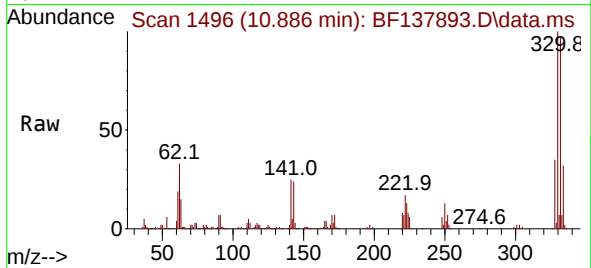




#42
2,4,6-Tribromophenol
Concen: 84.926 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.012 min
Lab File: BF137893.D
Acq: 10 May 2024 21:21

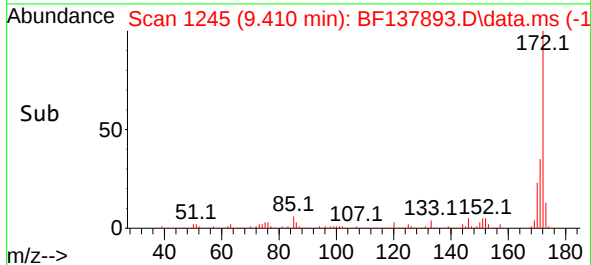
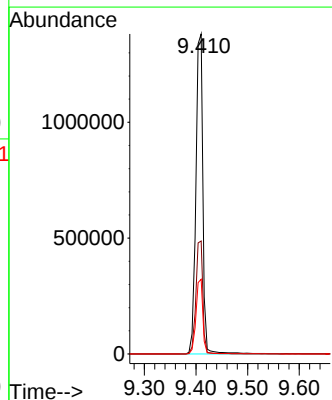
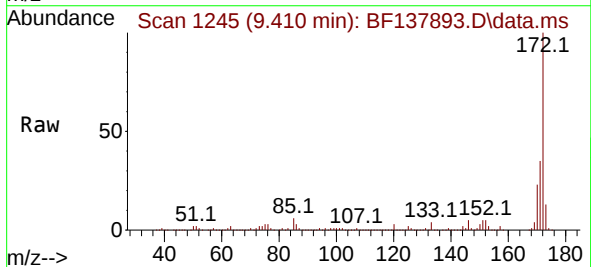
Instrument :
BNA_F
ClientSampleId :
SW-01-011

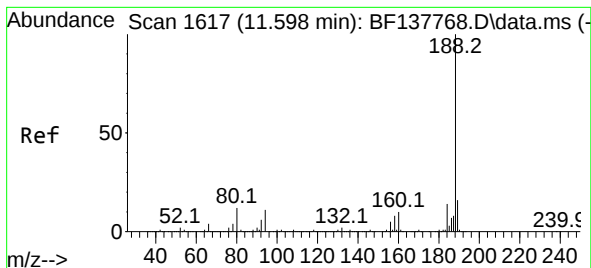
Tgt Ion:330 Resp: 268375
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 29.0 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 68.110 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF137893.D
Acq: 10 May 2024 21:21

Tgt Ion:172 Resp: 1299360
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 23.4 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: BF137893.D

Acq: 10 May 2024 21:21

Instrument :

BNA_F

ClientSampleId :

SW-01-011

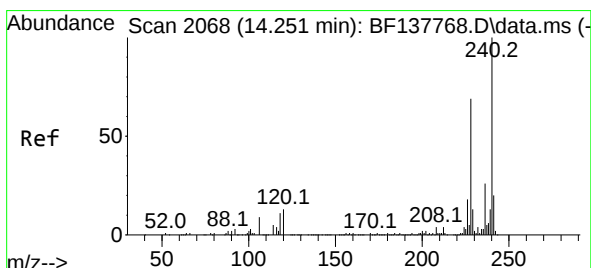
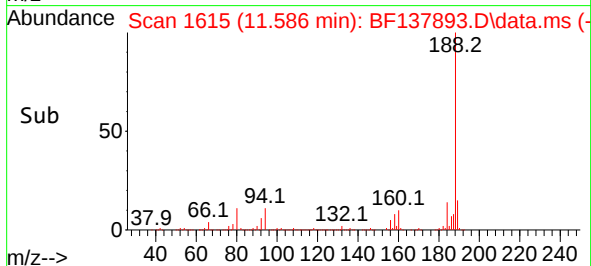
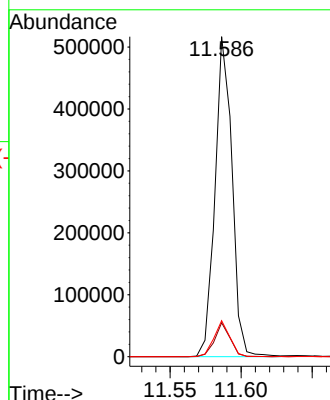
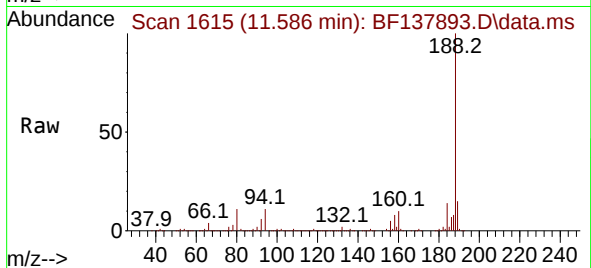
Tgt Ion:188 Resp: 431227

Ion Ratio Lower Upper

188 100

94 10.6 8.8 13.2

80 11.3 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: BF137893.D

Acq: 10 May 2024 21:21

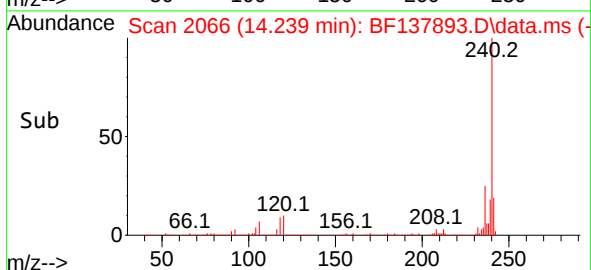
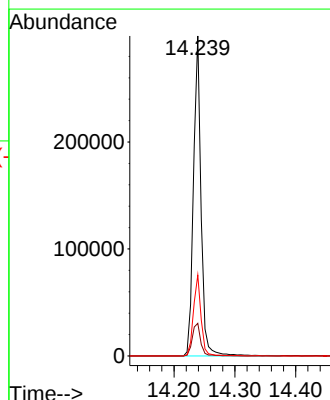
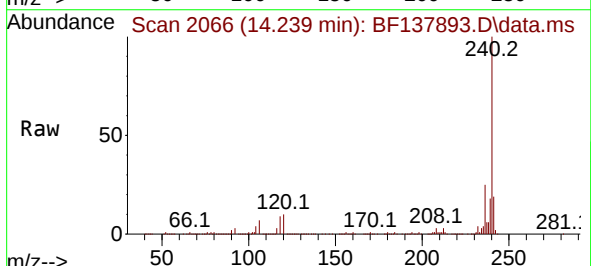
Tgt Ion:240 Resp: 259577

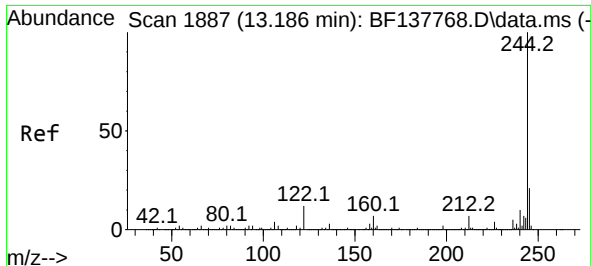
Ion Ratio Lower Upper

240 100

120 10.2 10.4 15.6#

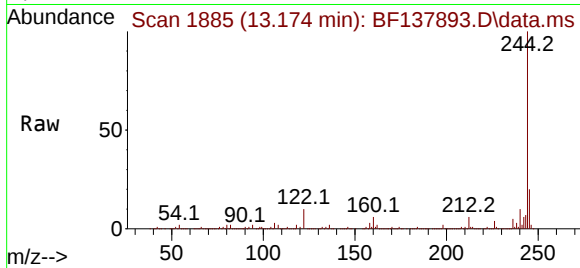
236 25.3 20.4 30.6



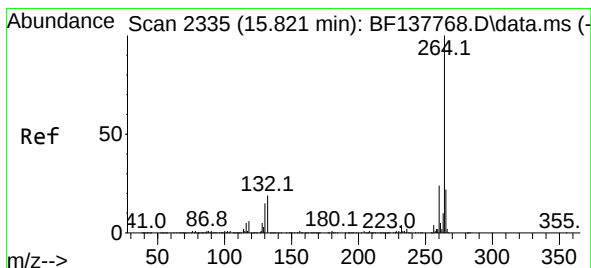
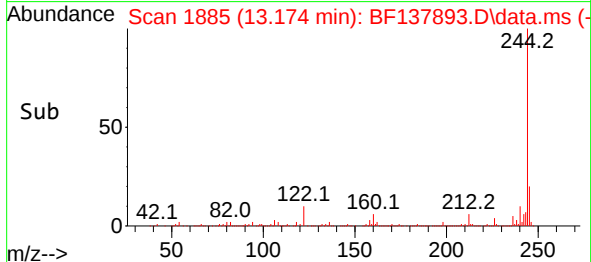
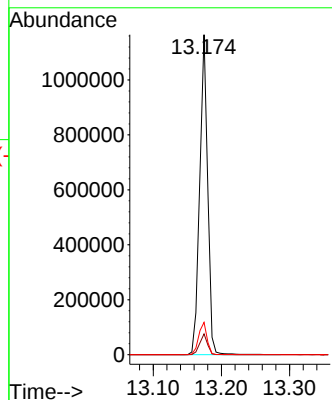


#79
 Terphenyl-d14
 Concen: 60.894 ng
 RT: 13.174 min Scan# 1885
 Delta R.T. -0.012 min
 Lab File: BF137893.D
 Acq: 10 May 2024 21:21

Instrument :
 BNA_F
 ClientSampleId :
 SW-01-011



Tgt Ion:244 Resp: 943196
 Ion Ratio Lower Upper
 244 100
 212 6.5 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: BF137893.D
 Acq: 10 May 2024 21:21

Tgt Ion:264 Resp: 236531
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 21.3 17.4 26.0

