

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051324\
 Data File : BF137898.D
 Acq On : 13 May 2024 12:48
 Operator : CG\JU
 Sample : PB160855BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160855BL

Quant Time: May 13 13:32:52 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	7.039	152	140115	20.000	ng	-0.02
21) Naphthalene-d8	8.322	136	541826	20.000	ng	-0.02
39) Acenaphthene-d10	10.086	164	304857	20.000	ng	-0.02
64) Phenanthrene-d10	11.574	188	526728	20.000	ng	-0.02
76) Chrysene-d12	14.227	240	327765	20.000	ng	#-0.02
86) Perylene-d12	15.786	264	273510	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1099390	131.370	ng	0.00
7) Phenol-d6	6.657	99	1335483	125.813	ng	-0.02
23) Nitrobenzene-d5	7.604	82	820175	87.945	ng	-0.02
42) 2,4,6-Tribromophenol	10.880	330	416321	133.751	ng	-0.02
45) 2-Fluorobiphenyl	9.398	172	1734033	92.280	ng	-0.02
79) Terphenyl-d14	13.168	244	1901556	97.226	ng	-0.02

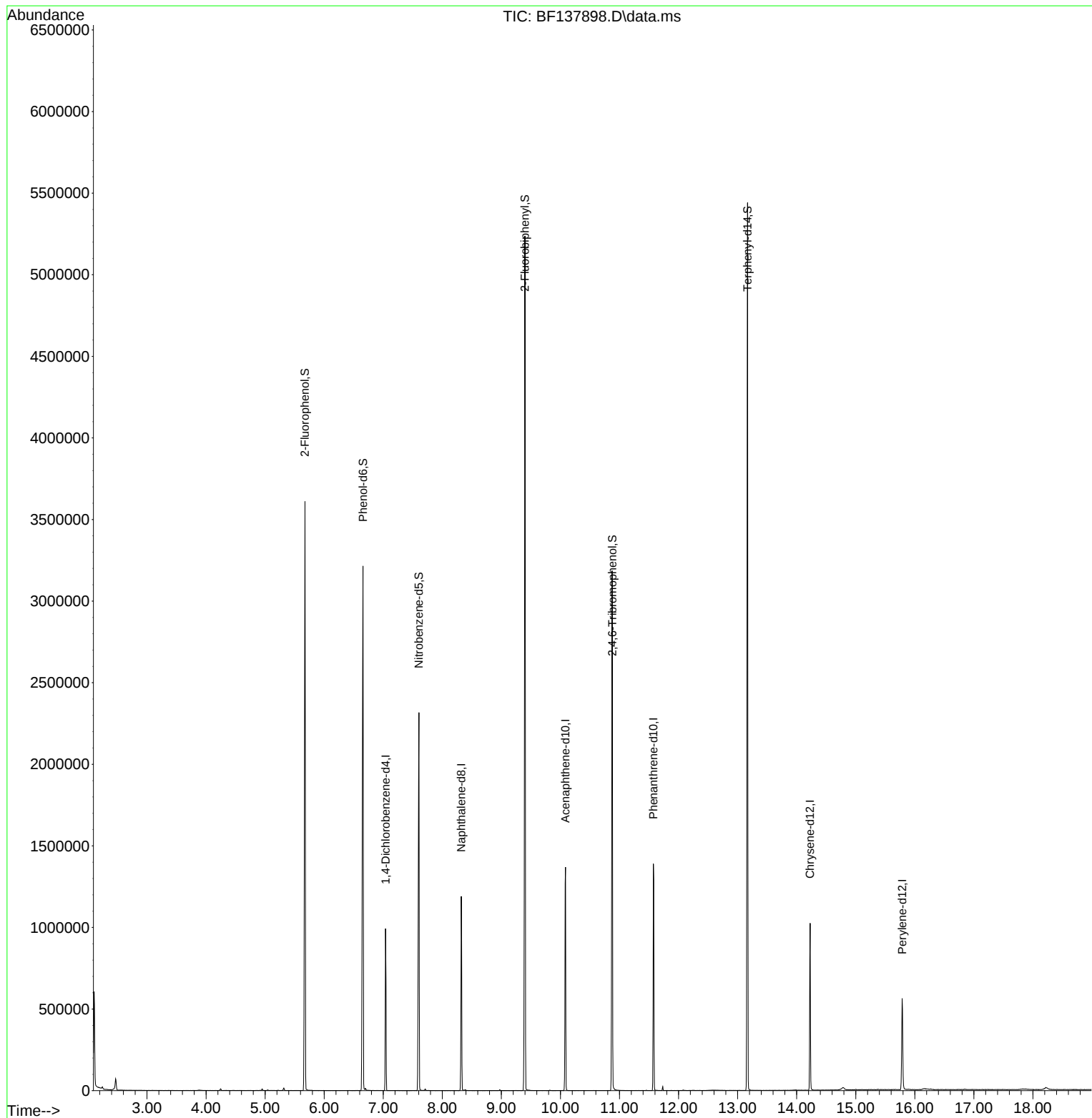
Target Compounds	Qvalue

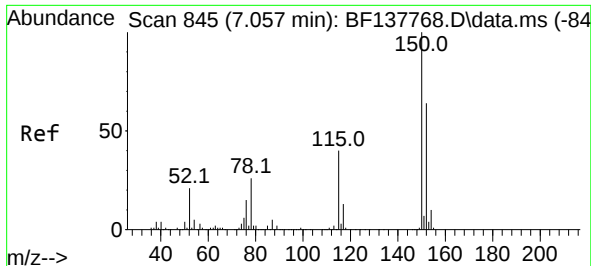
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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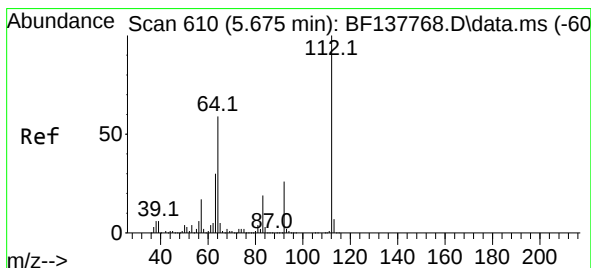
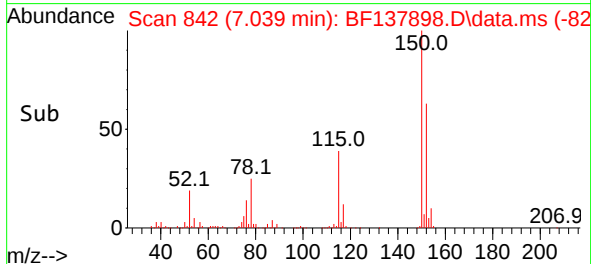
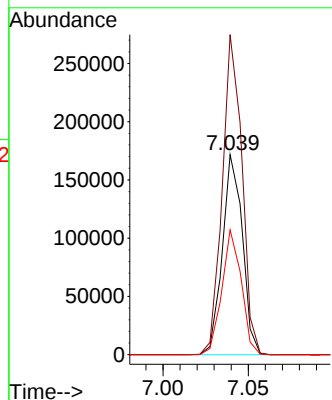
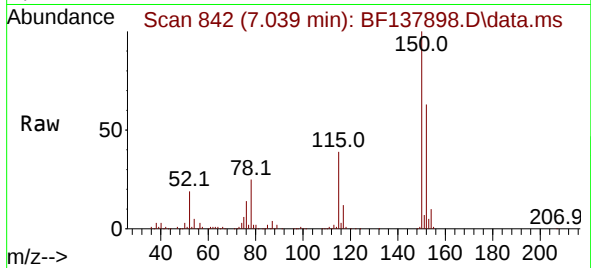




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.018 min
Lab File: BF137898.D
Acq: 13 May 2024 12:48

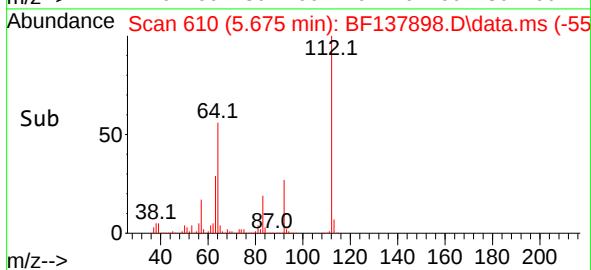
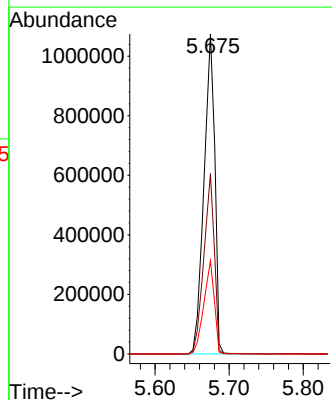
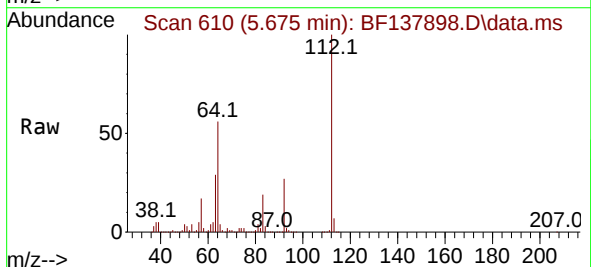
Instrument :
BNA_F
ClientSampleId :
PB160855BL

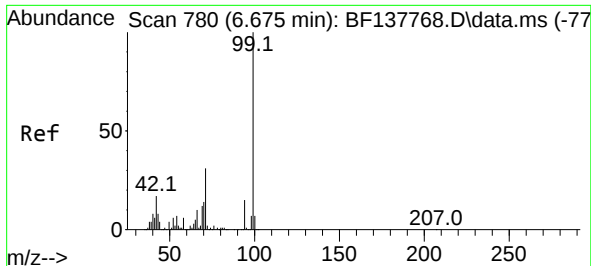
Tgt Ion:152 Resp: 140115
Ion Ratio Lower Upper
152 100
150 160.0 124.1 186.1
115 62.4 49.1 73.7



#5
2-Fluorophenol
Concen: 131.370 ng
RT: 5.675 min Scan# 610
Delta R.T. -0.000 min
Lab File: BF137898.D
Acq: 13 May 2024 12:48

Tgt Ion:112 Resp: 1099390
Ion Ratio Lower Upper
112 100
64 56.3 47.3 70.9
63 29.1 23.7 35.5



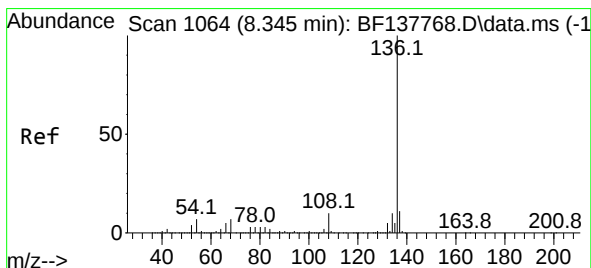
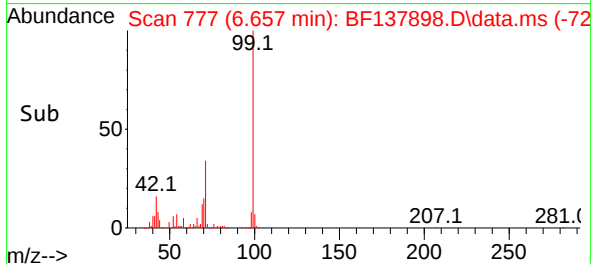
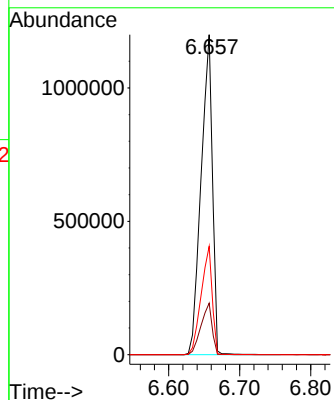
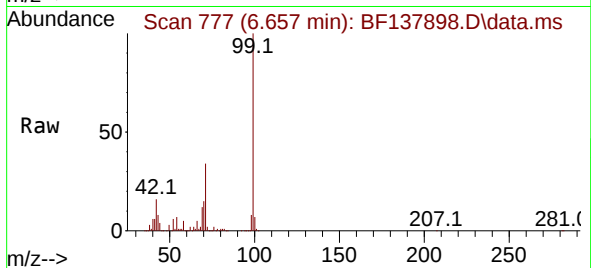


#7
Phenol-d6
Concen: 125.813 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137898.D
Acq: 13 May 2024 12:48

Instrument :
BNA_F
ClientSampleId :
PB160855BL

Tgt Ion: 99 Resp: 1335483

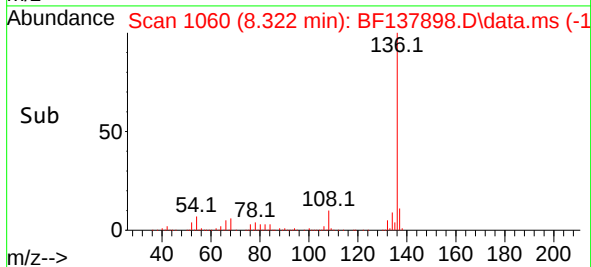
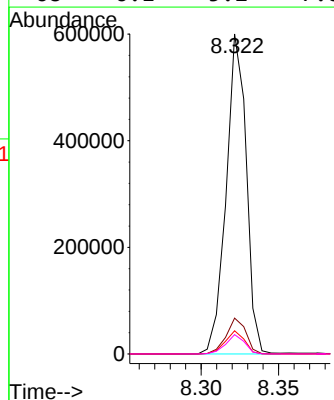
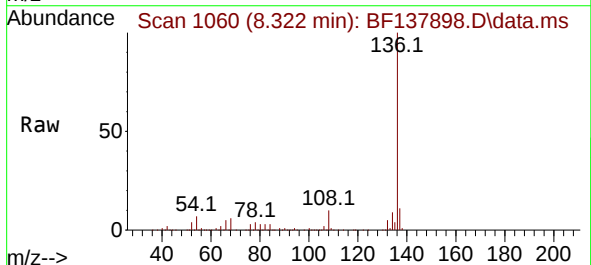
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.2	19.8
71	33.8	25.0	37.4

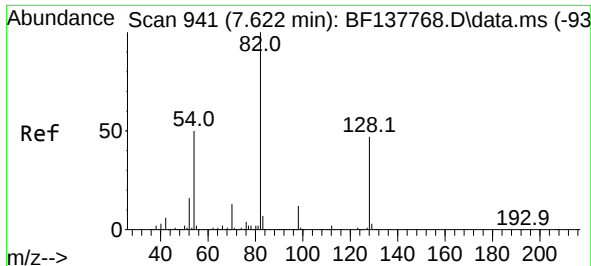


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.024 min
Lab File: BF137898.D
Acq: 13 May 2024 12:48

Tgt Ion: 136 Resp: 541826

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.2	5.8	8.8
68	6.1	5.2	7.8





#23

Nitrobenzene-d5

Concen: 87.945 ng

RT: 7.604 min Scan# 91

Delta R.T. -0.018 min

Lab File: BF137898.D

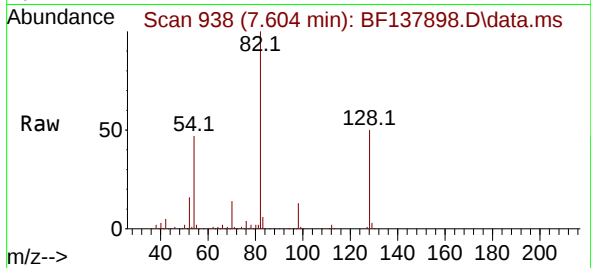
Acq: 13 May 2024 12:48

Instrument :

BNA_F

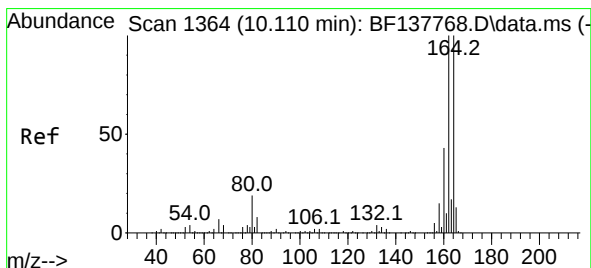
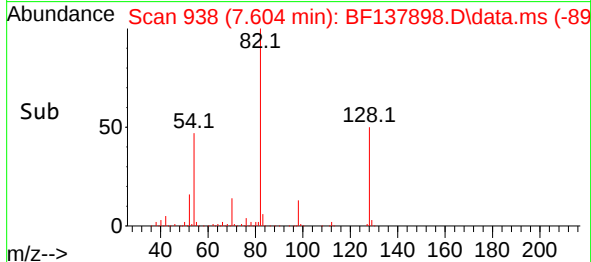
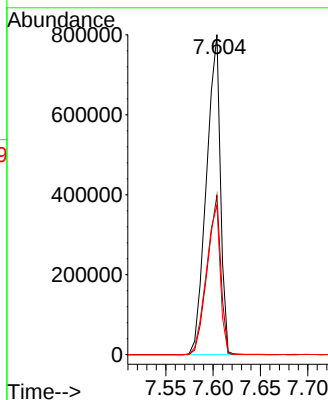
ClientSampleId :

PB160855BL



Tgt Ion: 82 Resp: 820175

Ion	Ratio	Lower	Upper
82	100		
128	49.7	37.5	56.3
54	46.7	39.8	59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.086 min Scan# 1360

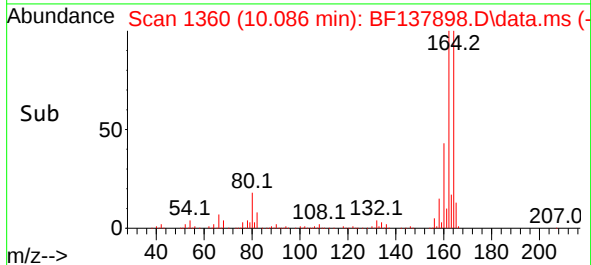
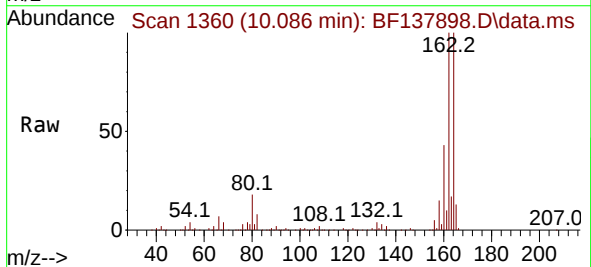
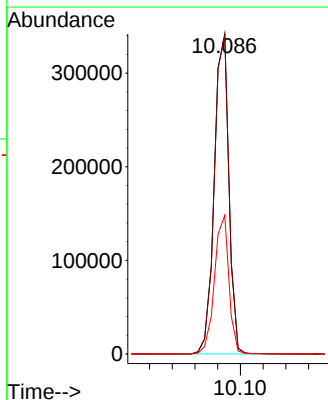
Delta R.T. -0.024 min

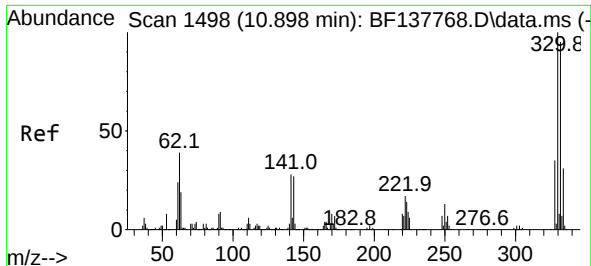
Lab File: BF137898.D

Acq: 13 May 2024 12:48

Tgt Ion: 164 Resp: 304857

Ion	Ratio	Lower	Upper
164	100		
162	99.6	79.8	119.6
160	43.3	34.4	51.6





#42

2,4,6-Tribromophenol

Concen: 133.751 ng

RT: 10.880 min Scan# 1498

Delta R.T. -0.018 min

Lab File: BF137898.D

Acq: 13 May 2024 12:48

Instrument :

BNA_F

ClientSampleId :

PB160855BL

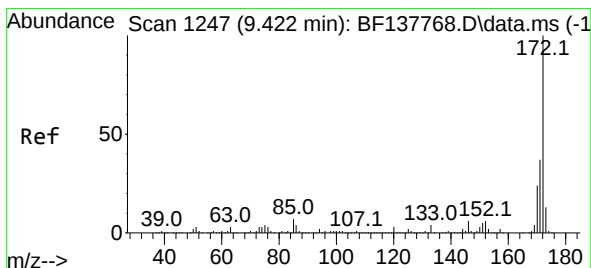
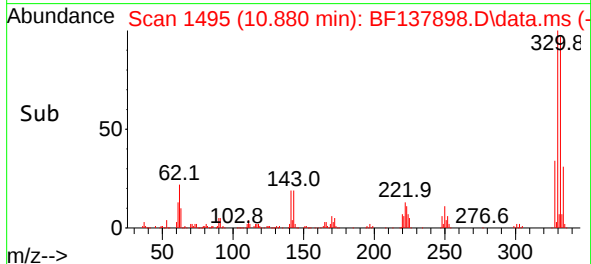
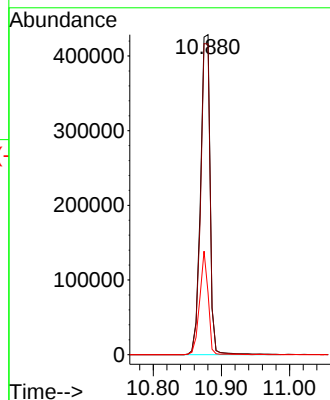
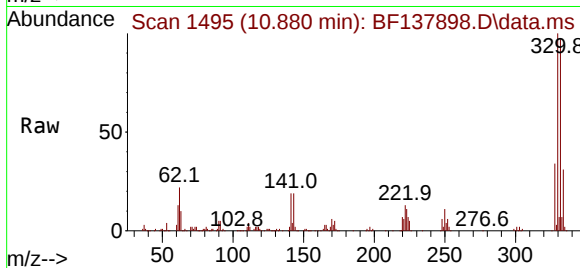
Tgt Ion:330 Resp: 416321

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

141 28.7 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 92.280 ng

RT: 9.398 min Scan# 1243

Delta R.T. -0.024 min

Lab File: BF137898.D

Acq: 13 May 2024 12:48

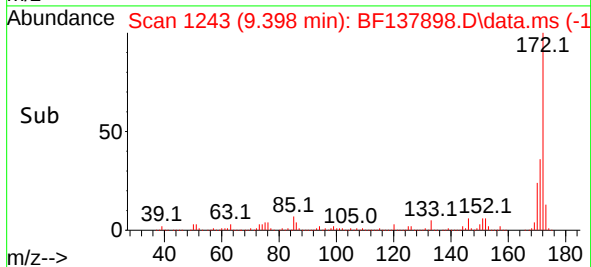
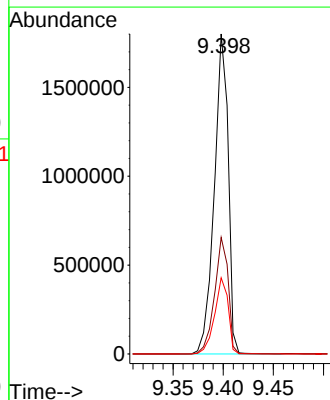
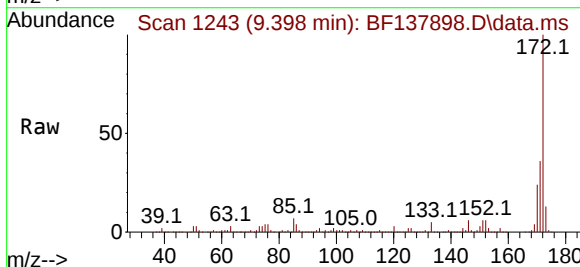
Tgt Ion:172 Resp: 1734033

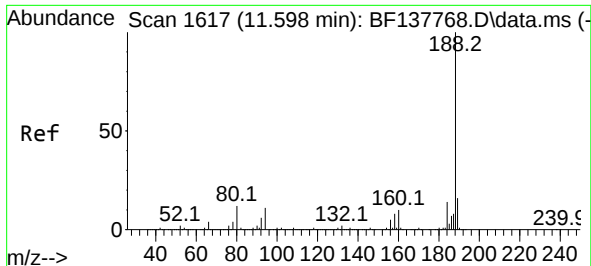
Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

170 23.8 19.4 29.2

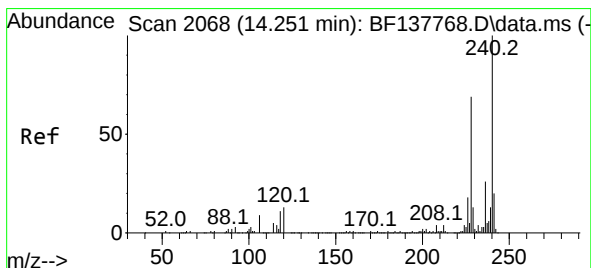
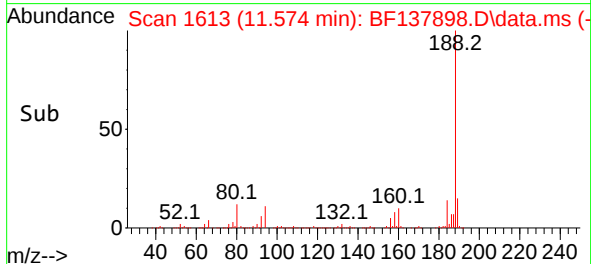
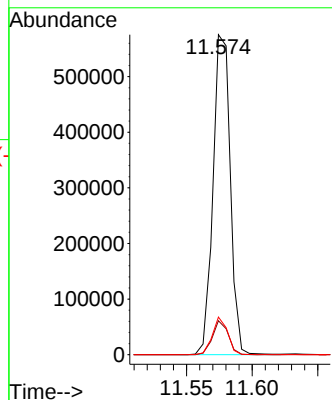
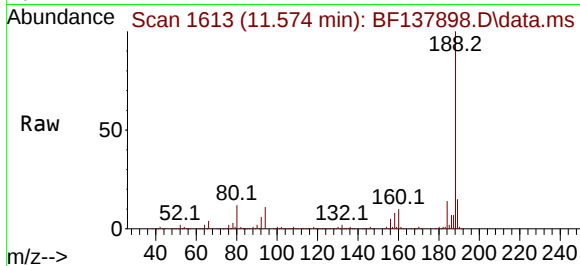




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 10
Delta R.T. -0.024 min
Lab File: BF137898.D
Acq: 13 May 2024 12:48

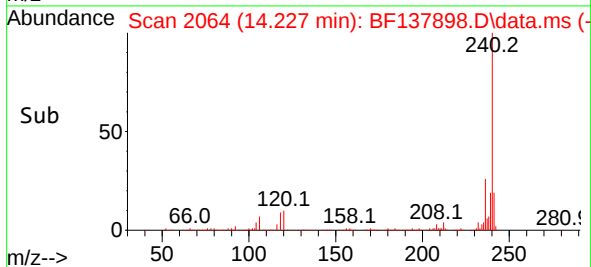
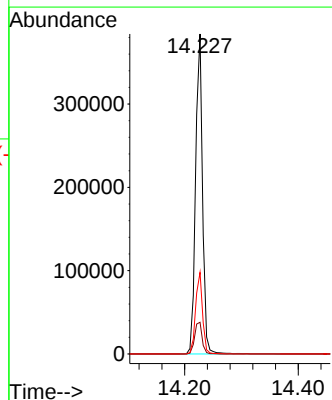
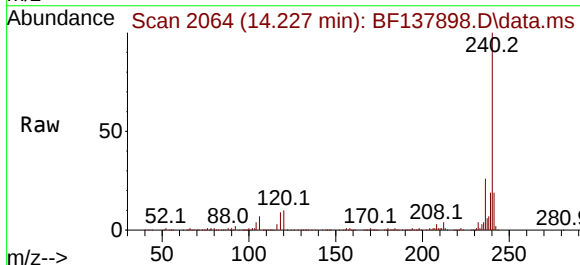
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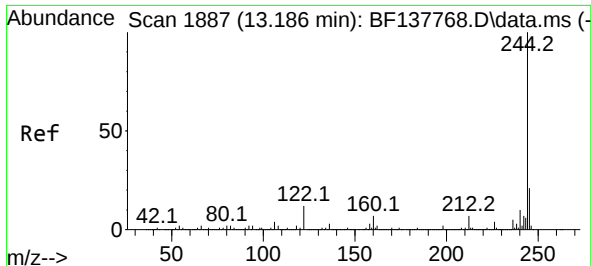
Tgt Ion:188 Resp: 526728
Ion Ratio Lower Upper
188 100
94 10.6 8.8 13.2
80 11.7 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. -0.024 min
Lab File: BF137898.D
Acq: 13 May 2024 12:48

Tgt Ion:240 Resp: 327765
Ion Ratio Lower Upper
240 100
120 9.9 10.4 15.6#
236 25.5 20.4 30.6

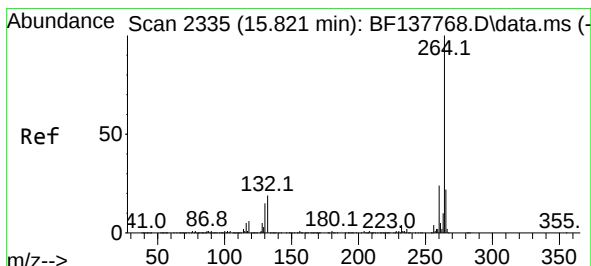
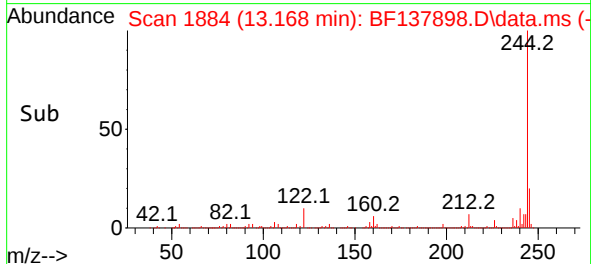
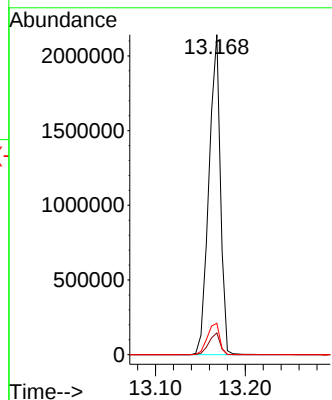
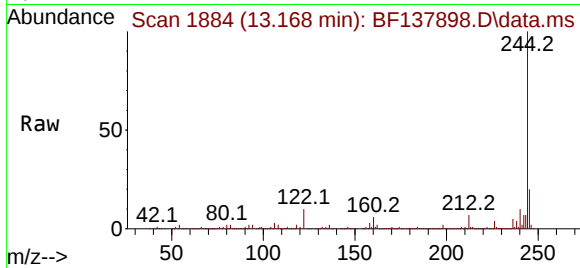




#79
 Terphenyl-d14
 Concen: 97.226 ng
 RT: 13.168 min Scan# 1884
 Delta R.T. -0.018 min
 Lab File: BF137898.D
 Acq: 13 May 2024 12:48

Instrument :
 BNA_F
 ClientSampleId :
 PB160855BL

Tgt Ion:244 Resp: 1901556
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 9.8 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.786 min Scan# 2329
 Delta R.T. -0.036 min
 Lab File: BF137898.D
 Acq: 13 May 2024 12:48

Tgt Ion:264 Resp: 273510
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.9 28.3
 265 21.7 17.4 26.0

