

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051324\
 Data File : BF137903.D
 Acq On : 13 May 2024 15:24
 Operator : CG\JU
 Sample : P2430-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1011UMR-SS003-1224-01

Quant Time: May 13 16:04:27 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	7.040	152	125515	20.000	ng	-0.02
21) Naphthalene-d8	8.322	136	482614	20.000	ng	-0.02
39) Acenaphthene-d10	10.081	164	275796	20.000	ng	-0.03
64) Phenanthrene-d10	11.575	188	506182	20.000	ng	-0.02
76) Chrysene-d12	14.221	240	397359	20.000	ng	-0.03
86) Perylene-d12	15.786	264	345501	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	911622	121.605	ng	0.00
7) Phenol-d6	6.657	99	1019396	107.206	ng	-0.02
23) Nitrobenzene-d5	7.604	82	730621	87.954	ng	-0.02
42) 2,4,6-Tribromophenol	10.875	330	422674	150.100	ng	-0.02
45) 2-Fluorobiphenyl	9.398	172	1525062	89.711	ng	-0.02
79) Terphenyl-d14	13.169	244	2097486	88.461	ng	-0.02

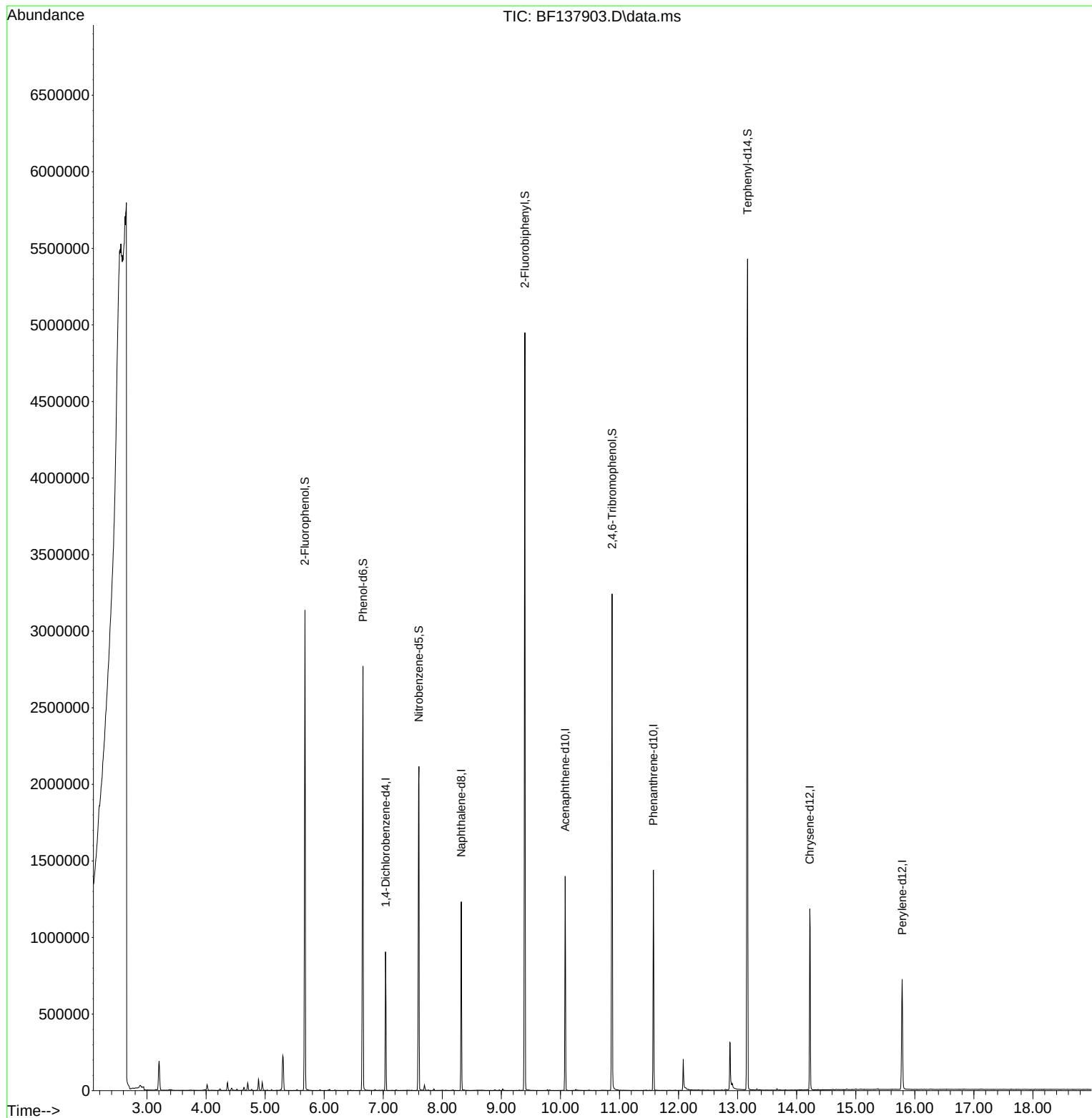
Target Compounds	Qvalue

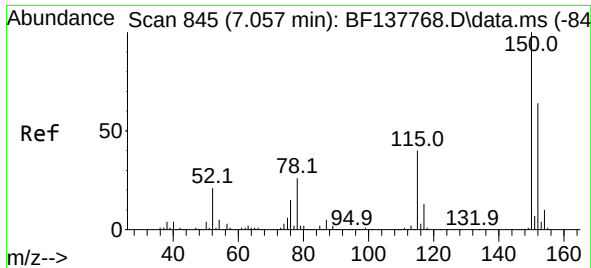
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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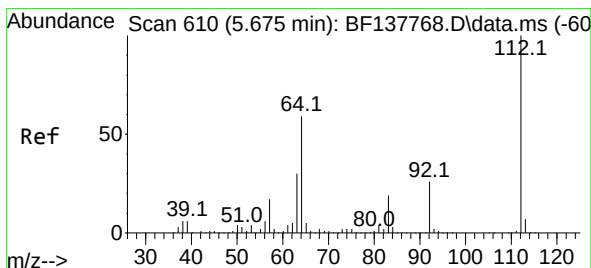
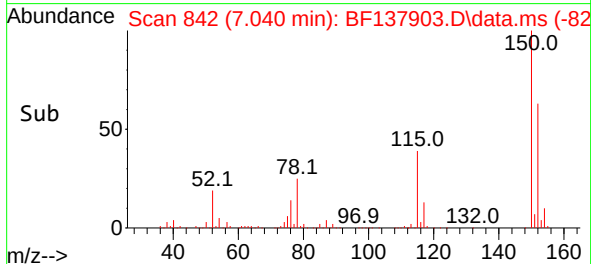
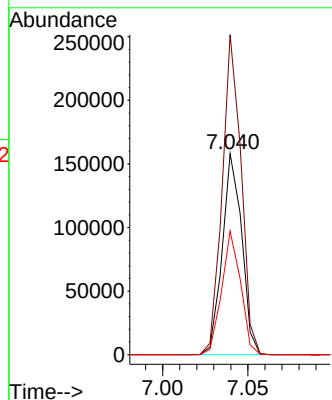
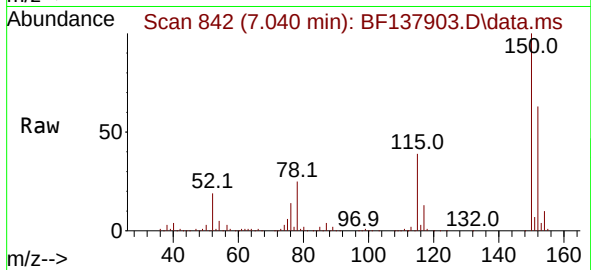




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.017 min
Lab File: BF137903.D
Acq: 13 May 2024 15:24

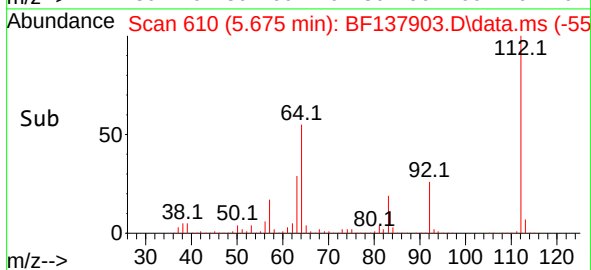
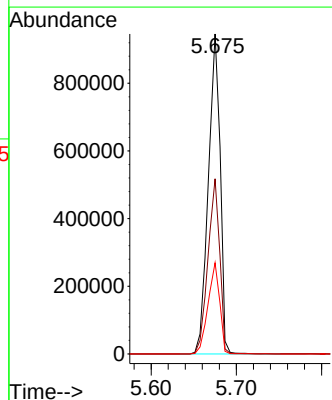
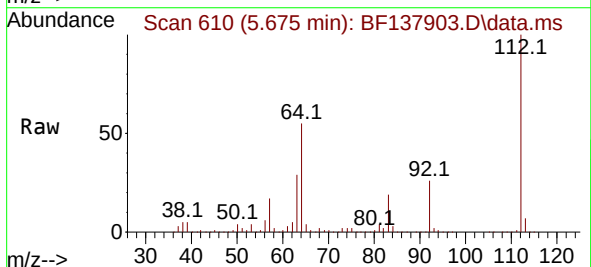
Instrument :
BNA_F
ClientSampleId :
1011UMR-SS003-1224-01

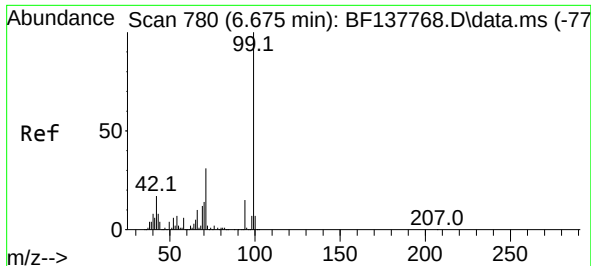
Tgt Ion:152 Resp: 125515
Ion Ratio Lower Upper
152 100
150 159.3 124.1 186.1
115 61.5 49.1 73.7



#5
2-Fluorophenol
Concen: 121.605 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.000 min
Lab File: BF137903.D
Acq: 13 May 2024 15:24

Tgt Ion:112 Resp: 911622
Ion Ratio Lower Upper
112 100
64 54.8 47.3 70.9
63 28.5 23.7 35.5

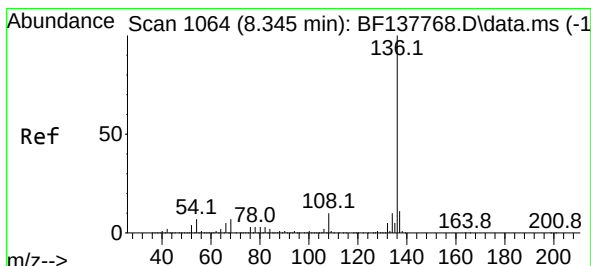
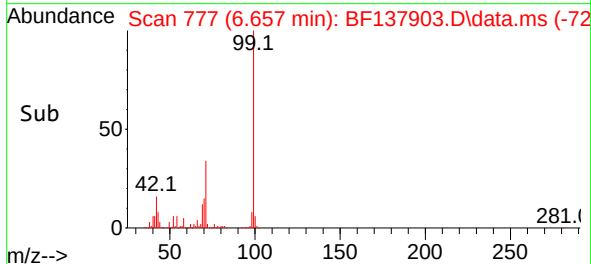
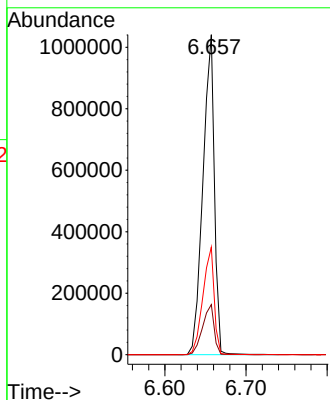
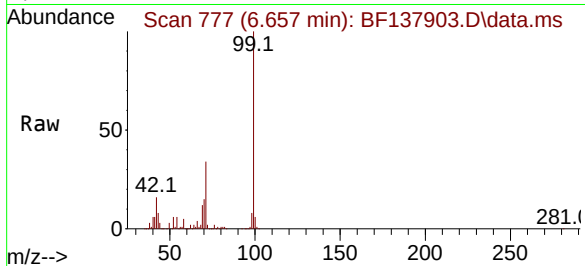




#7
Phenol-d6
Concen: 107.206 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137903.D
Acq: 13 May 2024 15:24

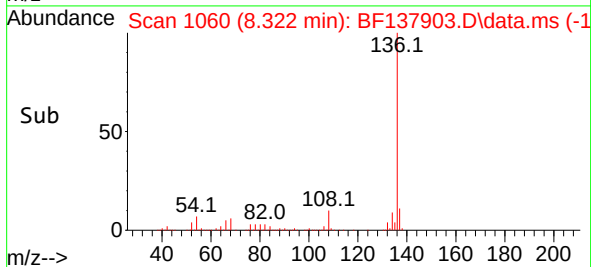
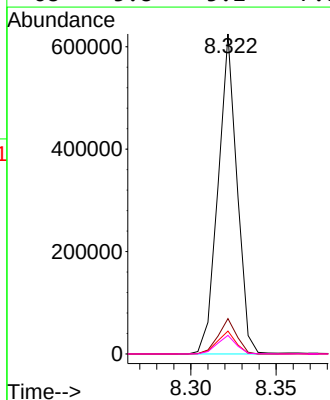
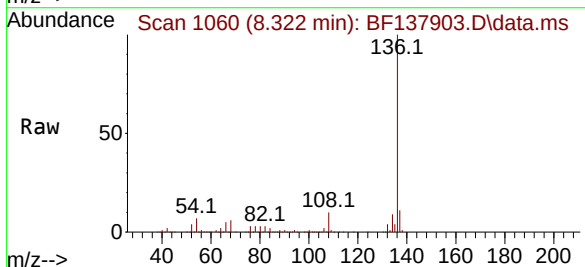
Instrument :
BNA_F
ClientSampleId :
1011UMR-SS003-1224-01

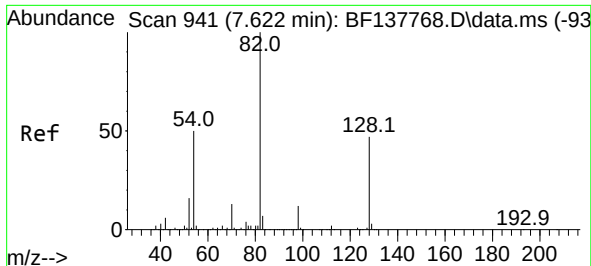
Tgt Ion: 99 Resp: 1019396
Ion Ratio Lower Upper
99 100
42 15.7 13.2 19.8
71 33.6 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.024 min
Lab File: BF137903.D
Acq: 13 May 2024 15:24

Tgt Ion: 136 Resp: 482614
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.2 5.8 8.8
68 5.8 5.2 7.8





#23

Nitrobenzene-d5

Concen: 87.954 ng

RT: 7.604 min Scan# 91

Delta R.T. -0.018 min

Lab File: BF137903.D

Acq: 13 May 2024 15:24

Instrument :

BNA_F

ClientSampleId :

1011UMR-SS003-1224-01

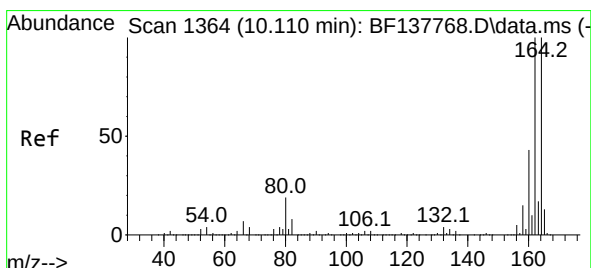
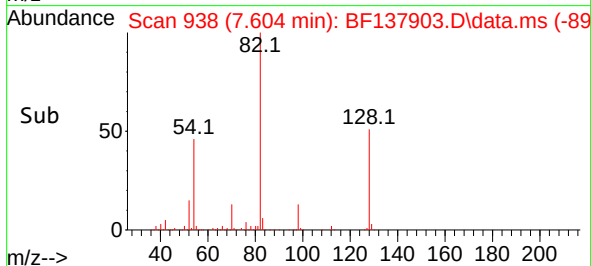
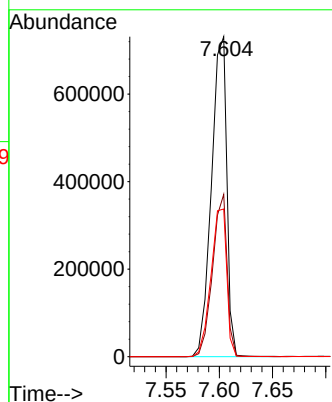
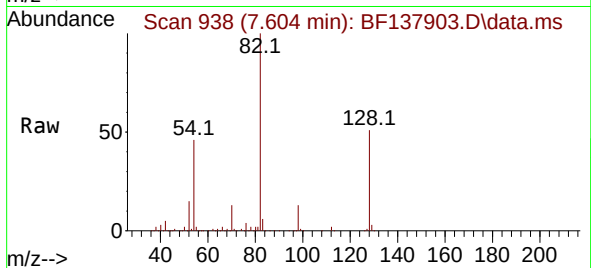
Tgt Ion: 82 Resp: 730621

Ion Ratio Lower Upper

82 100

128 50.7 37.5 56.3

54 46.2 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.081 min Scan# 1359

Delta R.T. -0.029 min

Lab File: BF137903.D

Acq: 13 May 2024 15:24

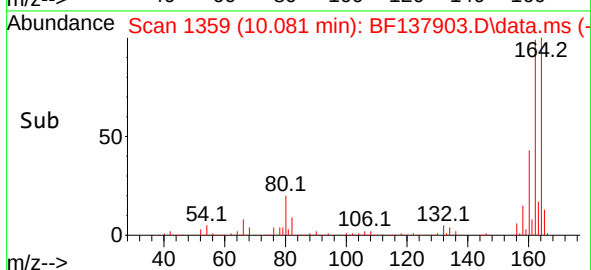
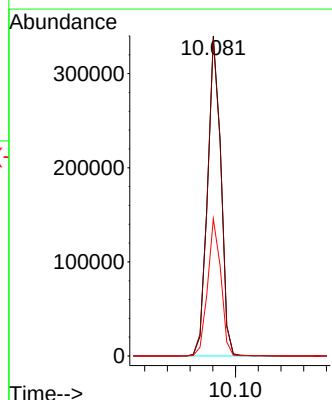
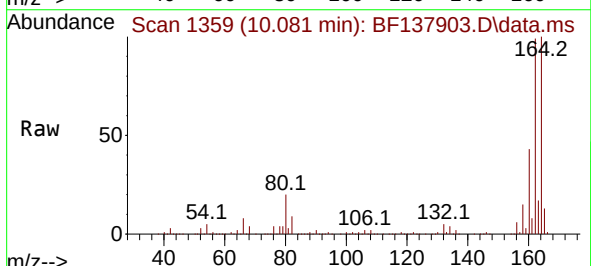
Tgt Ion:164 Resp: 275796

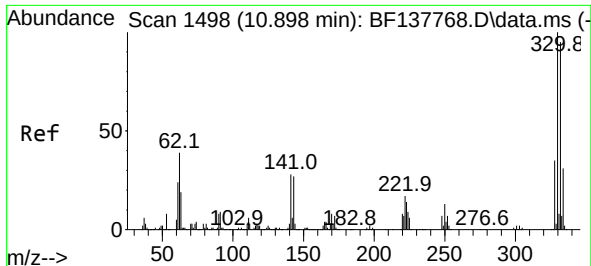
Ion Ratio Lower Upper

164 100

162 99.0 79.8 119.6

160 42.9 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 150.100 ng

RT: 10.875 min Scan# 1498

Delta R.T. -0.024 min

Lab File: BF137903.D

Acq: 13 May 2024 15:24

Instrument :

BNA_F

ClientSampleId :

1011UMR-SS003-1224-01

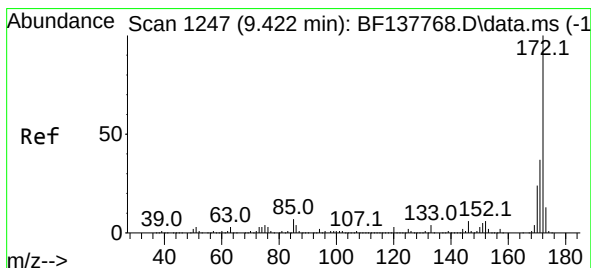
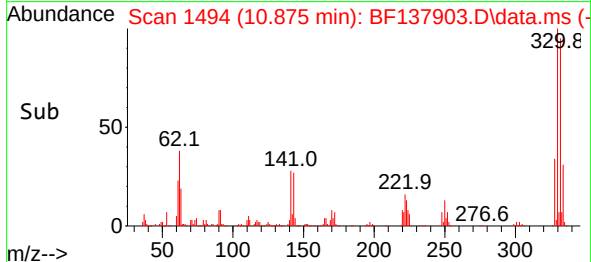
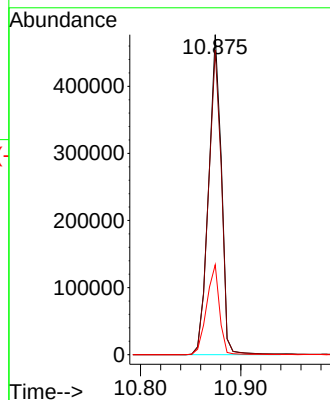
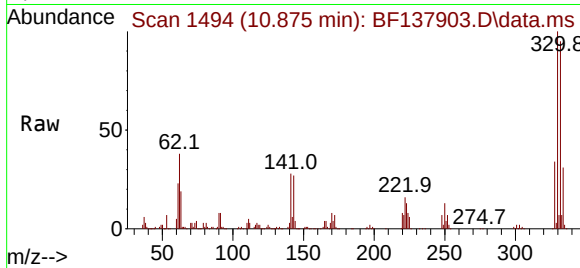
Tgt Ion:330 Resp: 422674

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

141 28.5 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 89.711 ng

RT: 9.398 min Scan# 1243

Delta R.T. -0.024 min

Lab File: BF137903.D

Acq: 13 May 2024 15:24

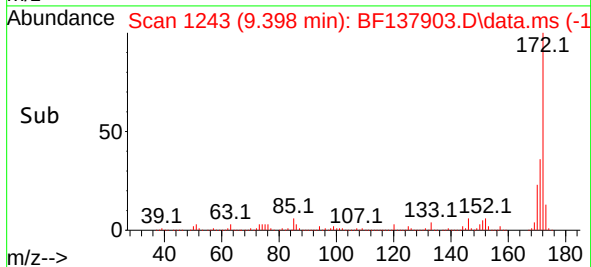
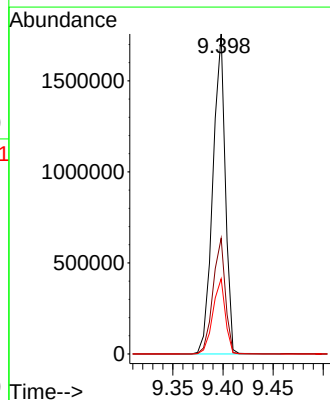
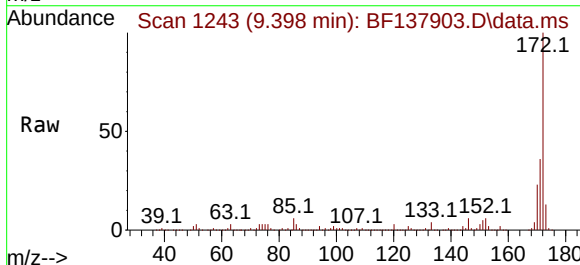
Tgt Ion:172 Resp: 1525062

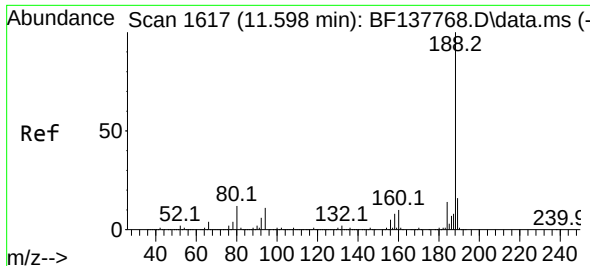
Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

170 23.5 19.4 29.2

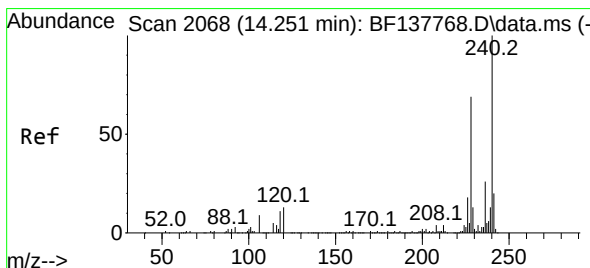
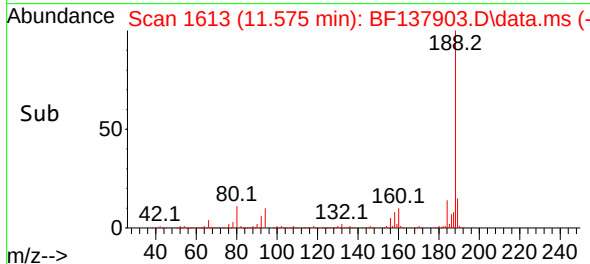
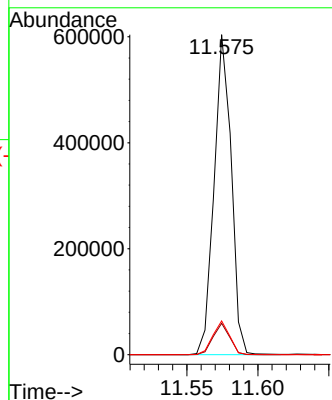
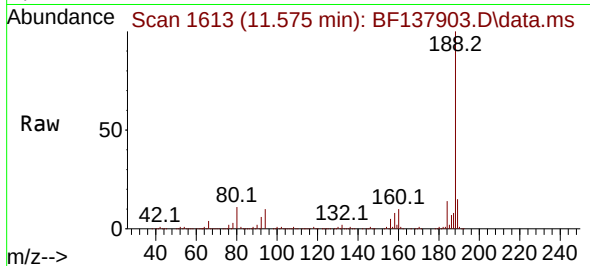




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.575 min Scan# 10
Delta R.T. -0.024 min
Lab File: BF137903.D
Acq: 13 May 2024 15:24

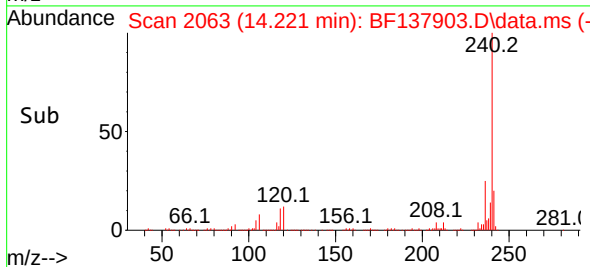
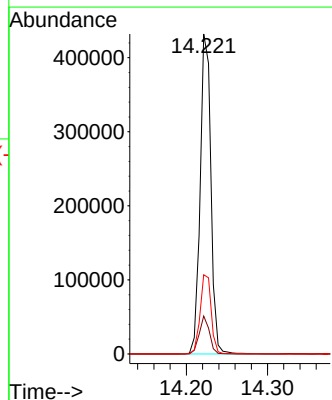
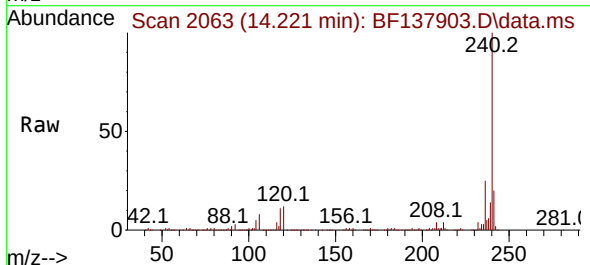
Instrument :
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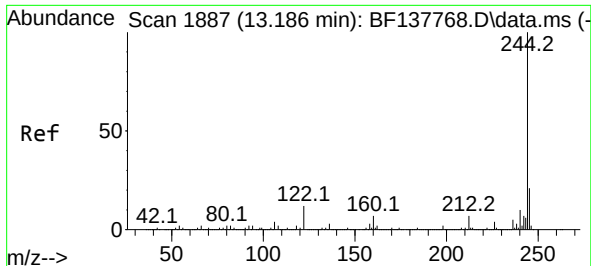
Tgt Ion:188 Resp: 506182
Ion Ratio Lower Upper
188 100
94 9.8 8.8 13.2
80 10.6 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.029 min
Lab File: BF137903.D
Acq: 13 May 2024 15:24

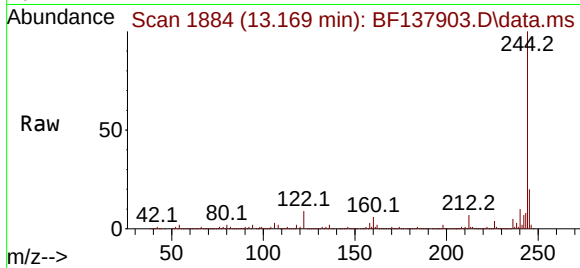
Tgt Ion:240 Resp: 397359
Ion Ratio Lower Upper
240 100
120 11.8 10.4 15.6
236 24.8 20.4 30.6



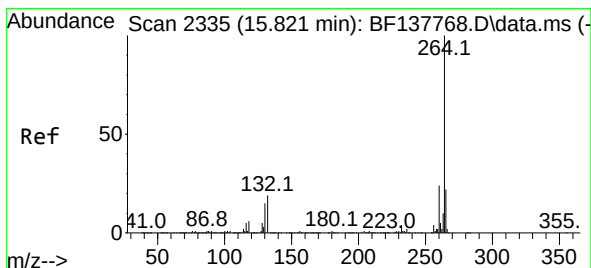
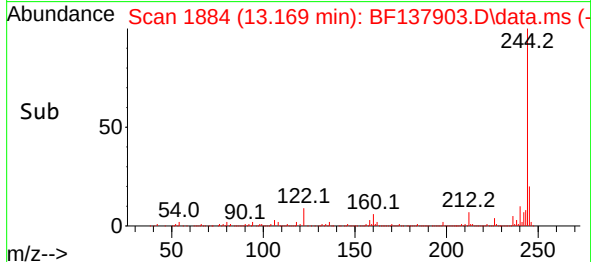
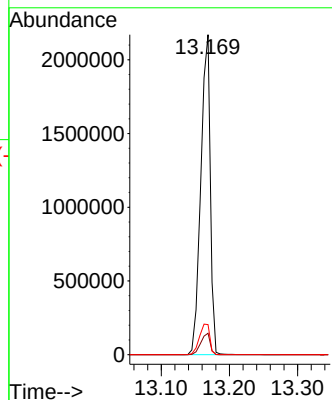


#79
 Terphenyl-d14
 Concen: 88.461 ng
 RT: 13.169 min Scan# 1884
 Delta R.T. -0.018 min
 Lab File: BF137903.D
 Acq: 13 May 2024 15:24

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 2097486
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 9.4 9.4 14.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.786 min Scan# 2329
 Delta R.T. -0.035 min
 Lab File: BF137903.D
 Acq: 13 May 2024 15:24

Tgt Ion:264 Resp: 345501
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 21.5 17.4 26.0

