

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051324\
 Data File : BF137904.D
 Acq On : 13 May 2024 15:53
 Operator : CG\JU
 Sample : P2432-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-04-011

Quant Time: May 13 16:38:12 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	135183	20.000	ng	-0.02
21) Naphthalene-d8	8.322	136	523265	20.000	ng	-0.02
39) Acenaphthene-d10	10.080	164	300062	20.000	ng	-0.03
64) Phenanthrene-d10	11.575	188	548298	20.000	ng	-0.02
76) Chrysene-d12	14.221	240	427869	20.000	ng	-0.03
86) Perylene-d12	15.786	264	377732	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	624738	77.376	ng	-0.01
7) Phenol-d6	6.651	99	768475	75.038	ng	-0.02
23) Nitrobenzene-d5	7.598	82	456545	50.690	ng	-0.02
42) 2,4,6-Tribromophenol	10.875	330	238232	77.759	ng	-0.02
45) 2-Fluorobiphenyl	9.398	172	1022716	55.296	ng	-0.02
79) Terphenyl-d14	13.163	244	1317864	51.618	ng	-0.02

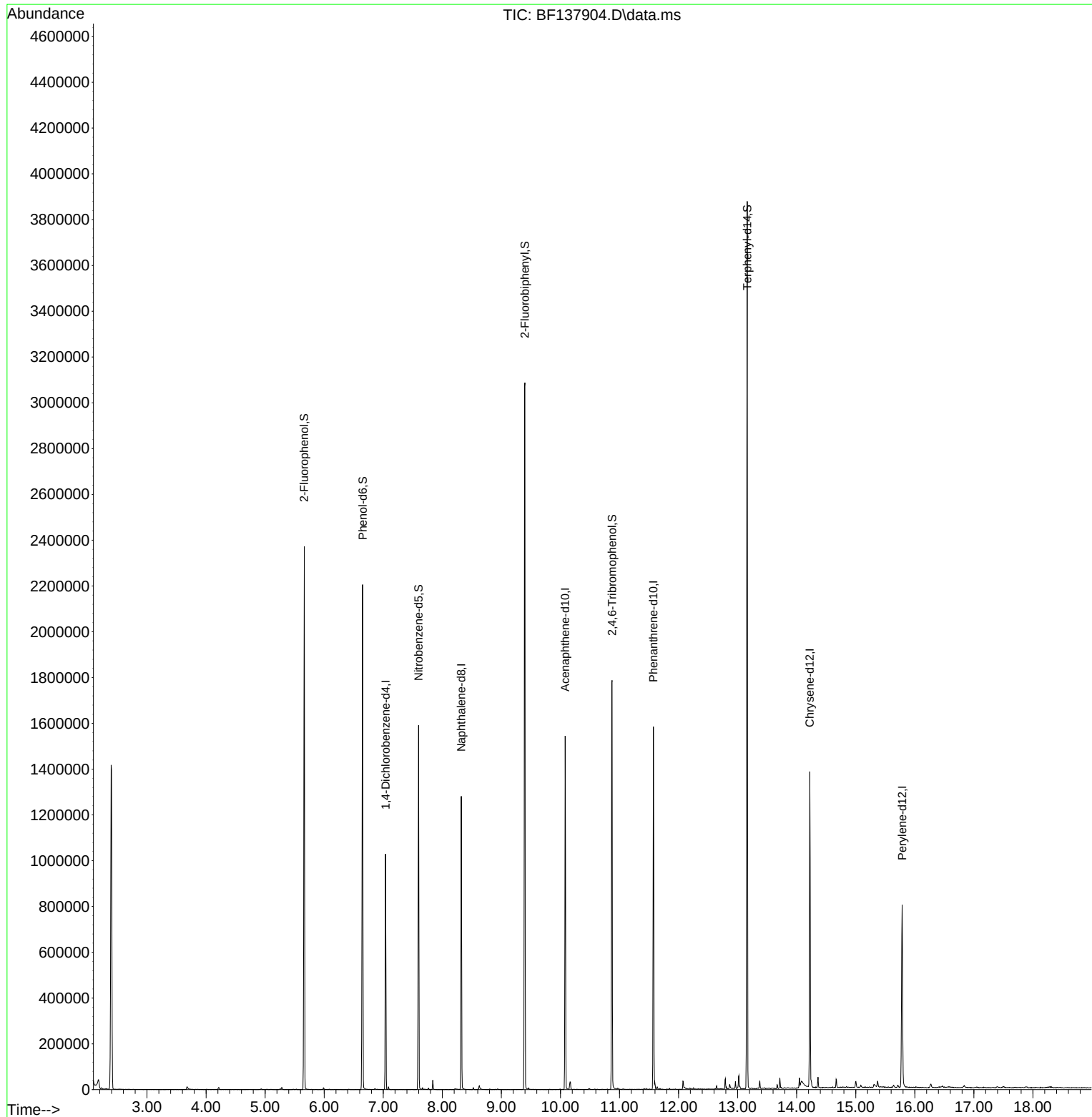
Target Compounds	Qvalue

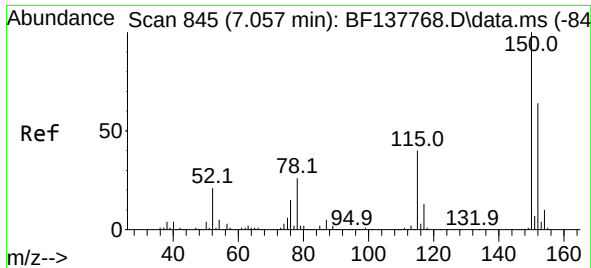
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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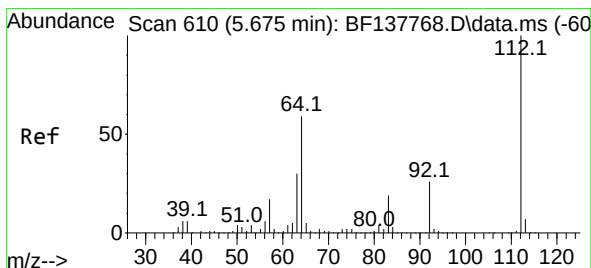
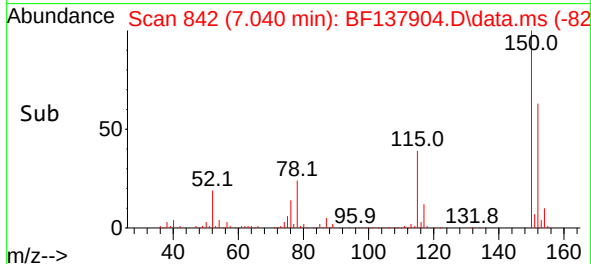
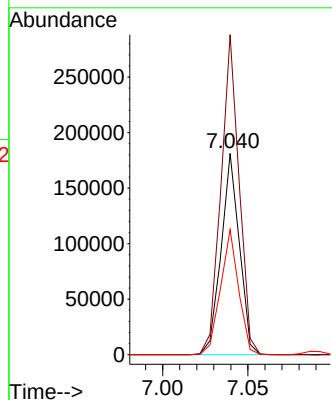
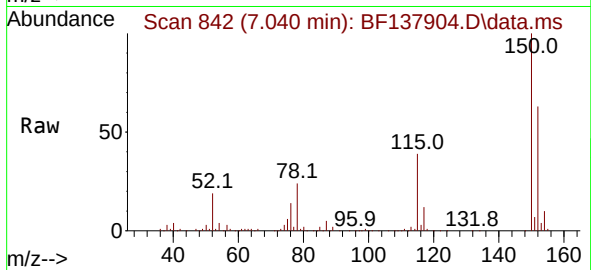




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.018 min
Lab File: BF137904.D
Acq: 13 May 2024 15:53

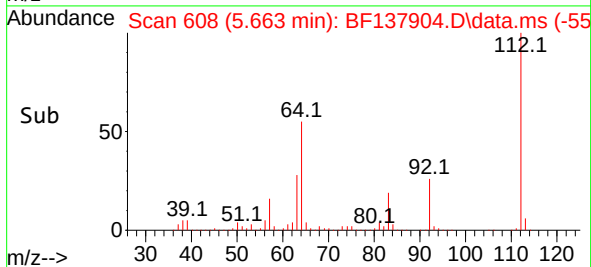
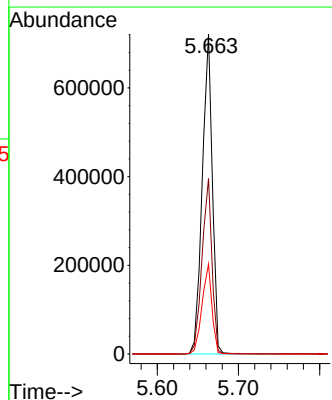
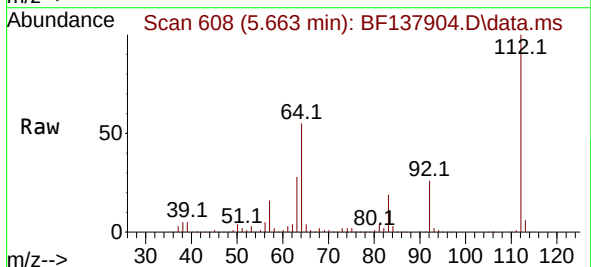
Instrument :
BNA_F
ClientSampleId :
SW-04-011

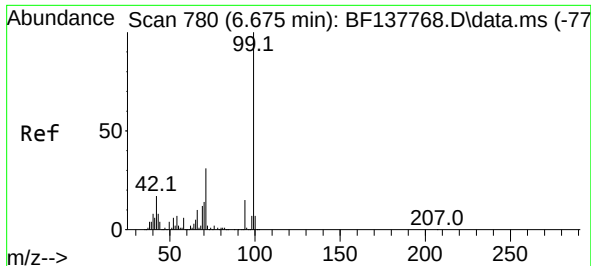
Tgt Ion:152 Resp: 135183
Ion Ratio Lower Upper
152 100
150 158.9 124.1 186.1
115 62.1 49.1 73.7



#5
2-Fluorophenol
Concen: 77.376 ng
RT: 5.663 min Scan# 608
Delta R.T. -0.012 min
Lab File: BF137904.D
Acq: 13 May 2024 15:53

Tgt Ion:112 Resp: 624738
Ion Ratio Lower Upper
112 100
64 54.8 47.3 70.9
63 28.1 23.7 35.5





#7

Phenol-d6

Concen: 75.038 ng

RT: 6.651 min Scan# 71

Delta R.T. -0.024 min

Lab File: BF137904.D

Acq: 13 May 2024 15:53

Instrument :

BNA_F

ClientSampleId :

SW-04-011

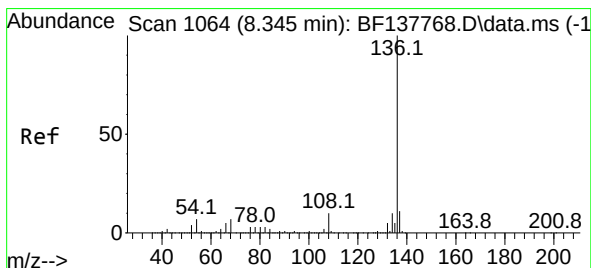
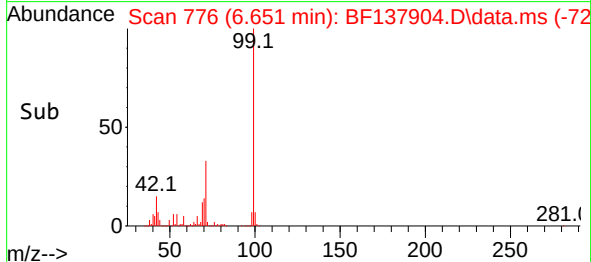
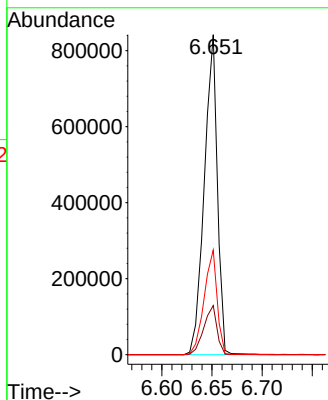
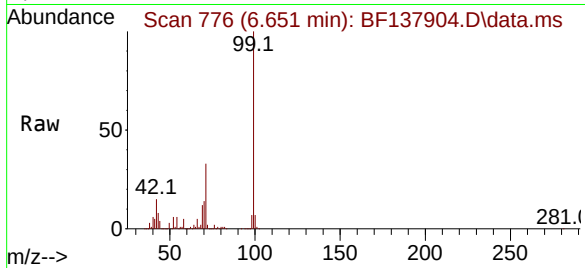
Tgt Ion: 99 Resp: 768475

Ion Ratio Lower Upper

99 100

42 15.3 13.2 19.8

71 32.7 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: BF137904.D

Acq: 13 May 2024 15:53

Tgt Ion: 136 Resp: 523265

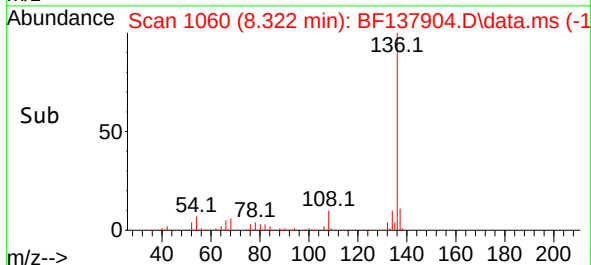
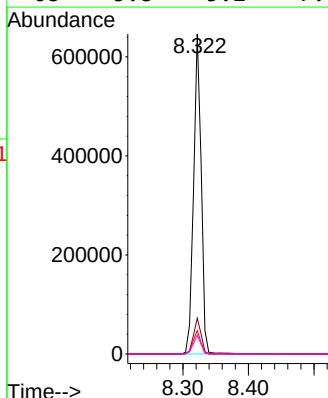
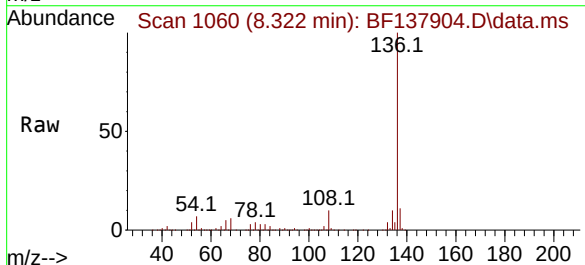
Ion Ratio Lower Upper

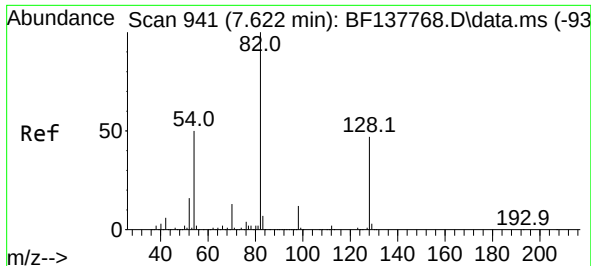
136 100

137 11.2 8.8 13.2

54 7.3 5.8 8.8

68 5.8 5.2 7.8

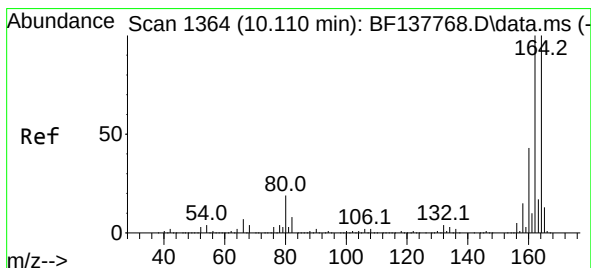
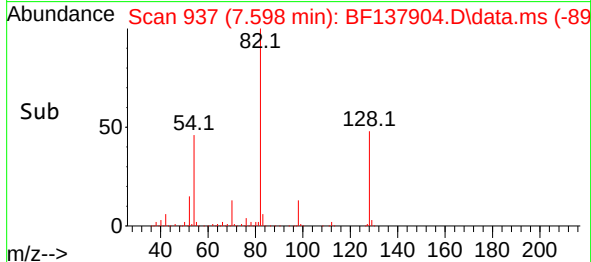
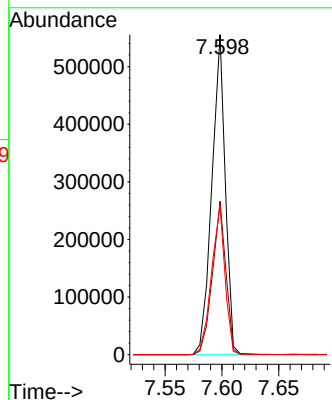
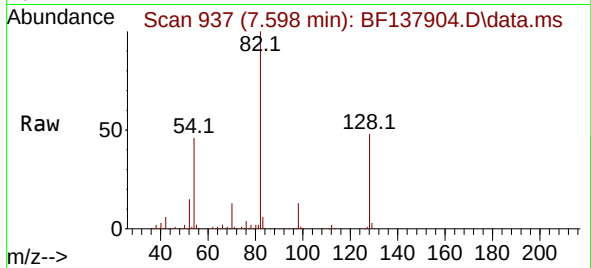




#23
Nitrobenzene-d5
Concen: 50.690 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.024 min
Lab File: BF137904.D
Acq: 13 May 2024 15:53

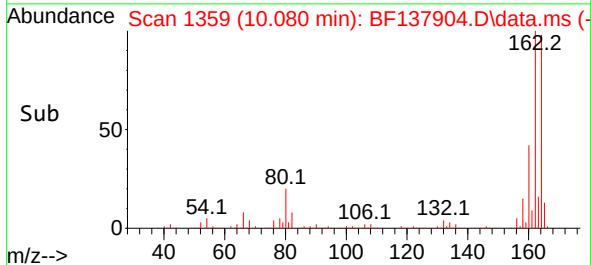
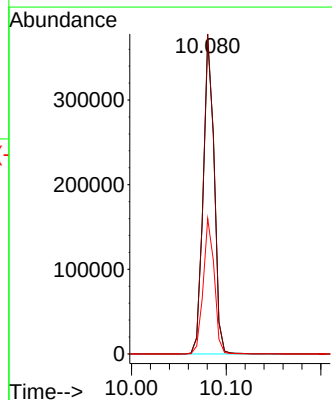
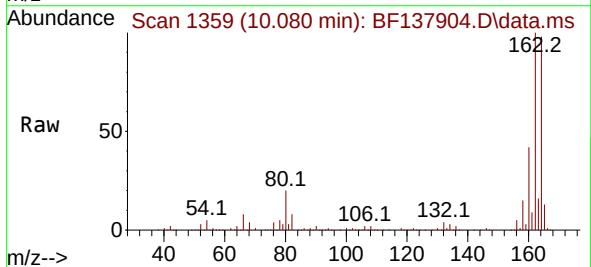
Instrument :
BNA_F
ClientSampleId :
SW-04-011

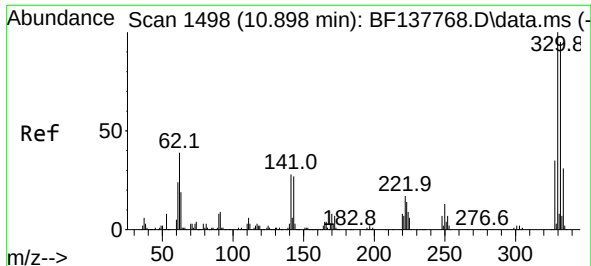
Tgt Ion: 82 Resp: 456545
Ion Ratio Lower Upper
82 100
128 48.0 37.5 56.3
54 46.5 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.029 min
Lab File: BF137904.D
Acq: 13 May 2024 15:53

Tgt Ion:164 Resp: 300062
Ion Ratio Lower Upper
164 100
162 102.0 79.8 119.6
160 43.1 34.4 51.6

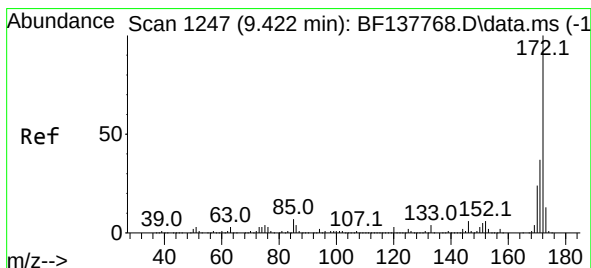
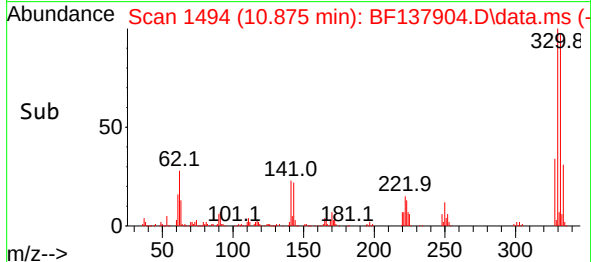
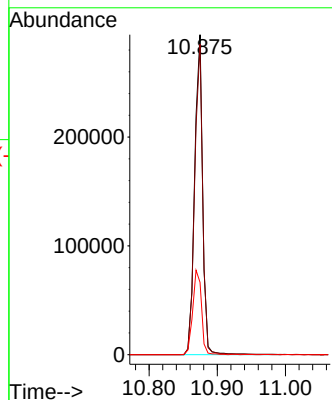
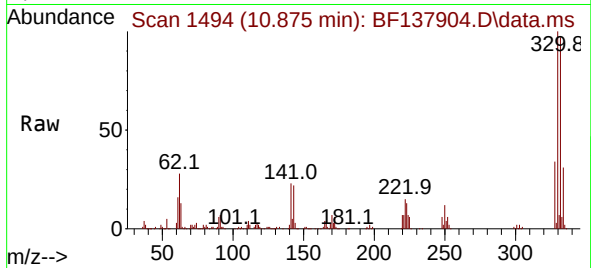




#42
2,4,6-Tribromophenol
Concen: 77.759 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.024 min
Lab File: BF137904.D
Acq: 13 May 2024 15:53

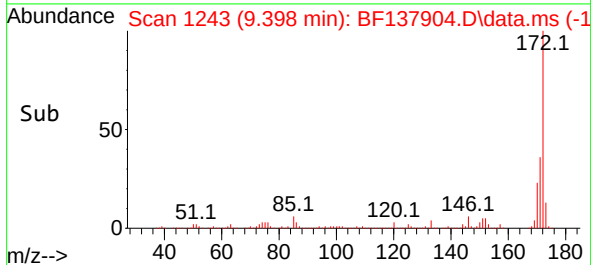
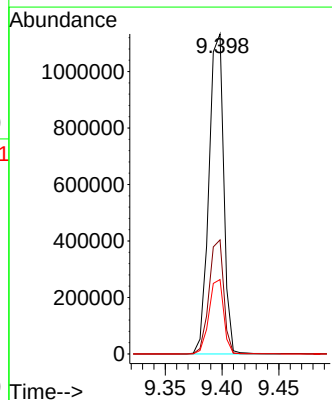
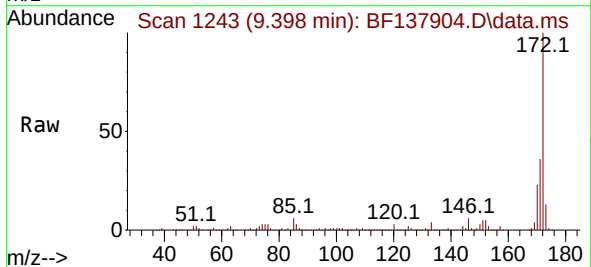
Instrument :
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ClientSampleId :
SW-04-011

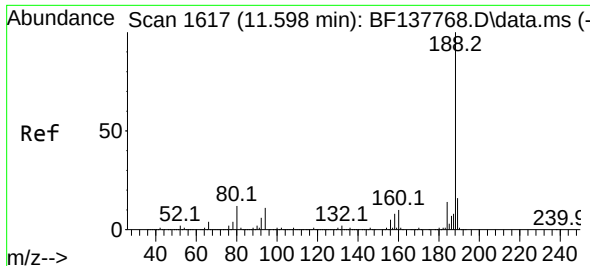
Tgt Ion:330 Resp: 238232
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 28.7 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 55.296 ng
RT: 9.398 min Scan# 1243
Delta R.T. -0.024 min
Lab File: BF137904.D
Acq: 13 May 2024 15:53

Tgt Ion:172 Resp: 1022716
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.2 19.4 29.2

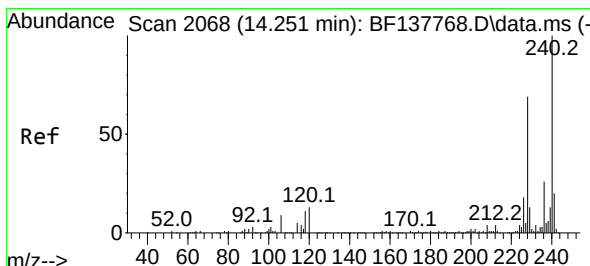
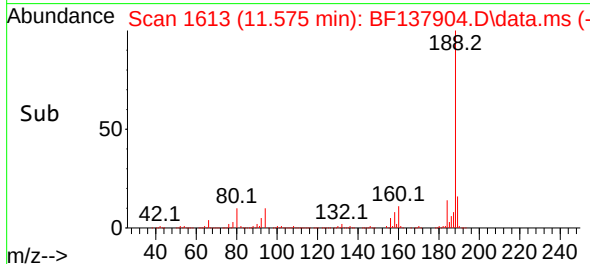
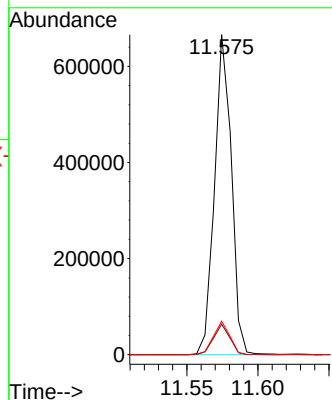
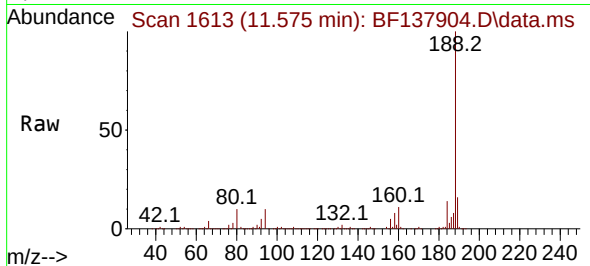




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.575 min Scan# 1
Delta R.T. -0.024 min
Lab File: BF137904.D
Acq: 13 May 2024 15:53

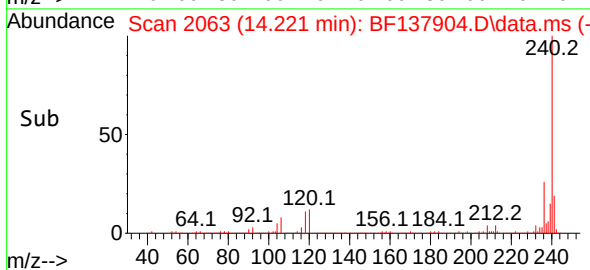
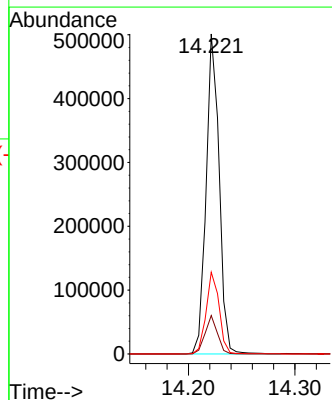
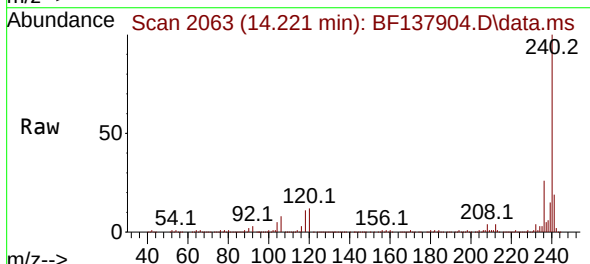
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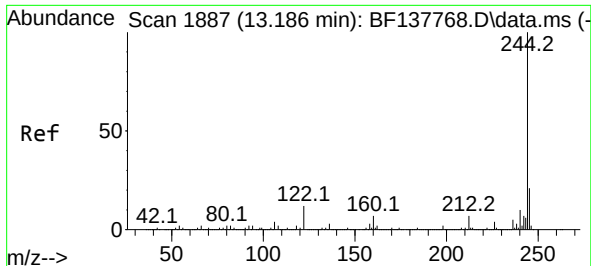
Tgt Ion:188 Resp: 548298
Ion Ratio Lower Upper
188 100
94 9.5 8.8 13.2
80 10.4 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.029 min
Lab File: BF137904.D
Acq: 13 May 2024 15:53

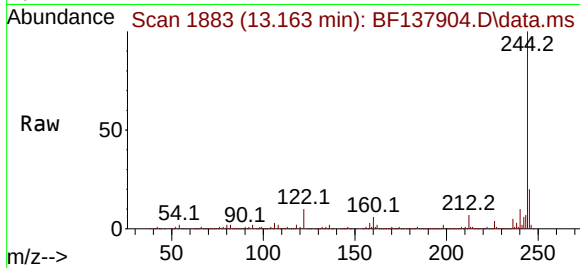
Tgt Ion:240 Resp: 427869
Ion Ratio Lower Upper
240 100
120 12.0 10.4 15.6
236 25.6 20.4 30.6



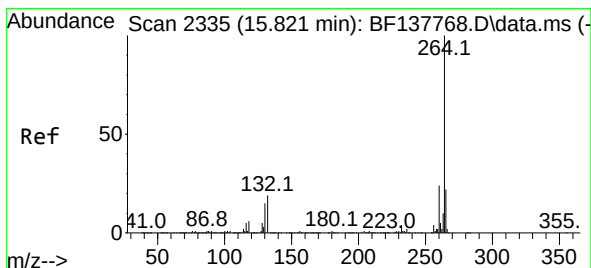
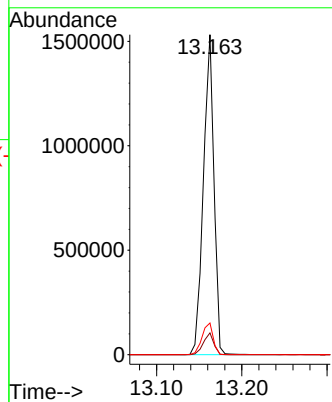
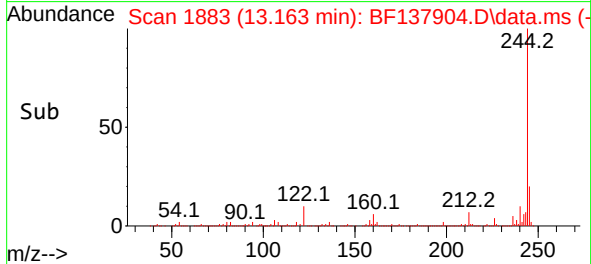


#79
 Terphenyl-d14
 Concen: 51.618 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. -0.024 min
 Lab File: BF137904.D
 Acq: 13 May 2024 15:53

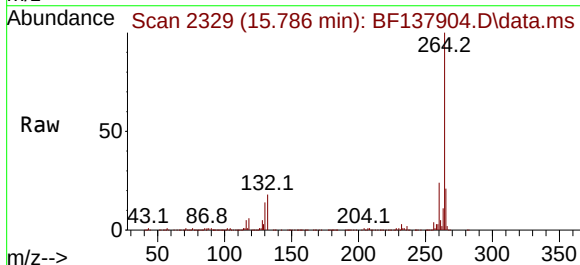
Instrument :
 BNA_F
 ClientSampleId :
 SW-04-011



Tgt Ion:244 Resp: 1317864
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 9.9 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: BF137904.D
 Acq: 13 May 2024 15:53



Tgt Ion:264 Resp: 377732
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 21.1 17.4 26.0

