

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051324\
 Data File : BF137905.D
 Acq On : 13 May 2024 16:24
 Operator : CG\JU
 Sample : P2432-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-01-011

Quant Time: May 13 16:56:44 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	131705	20.000	ng	-0.02
21) Naphthalene-d8	8.322	136	510381	20.000	ng	-0.02
39) Acenaphthene-d10	10.080	164	293893	20.000	ng	-0.03
64) Phenanthrene-d10	11.574	188	539077	20.000	ng	-0.02
76) Chrysene-d12	14.227	240	420611	20.000	ng	#-0.02
86) Perylene-d12	15.786	264	360817	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	770424	97.940	ng	-0.01
7) Phenol-d6	6.651	99	959923	96.207	ng	-0.02
23) Nitrobenzene-d5	7.598	82	563856	64.185	ng	-0.02
42) 2,4,6-Tribromophenol	10.874	330	302640	100.856	ng	-0.02
45) 2-Fluorobiphenyl	9.398	172	1186124	65.477	ng	-0.02
79) Terphenyl-d14	13.162	244	1532296	61.052	ng	-0.02

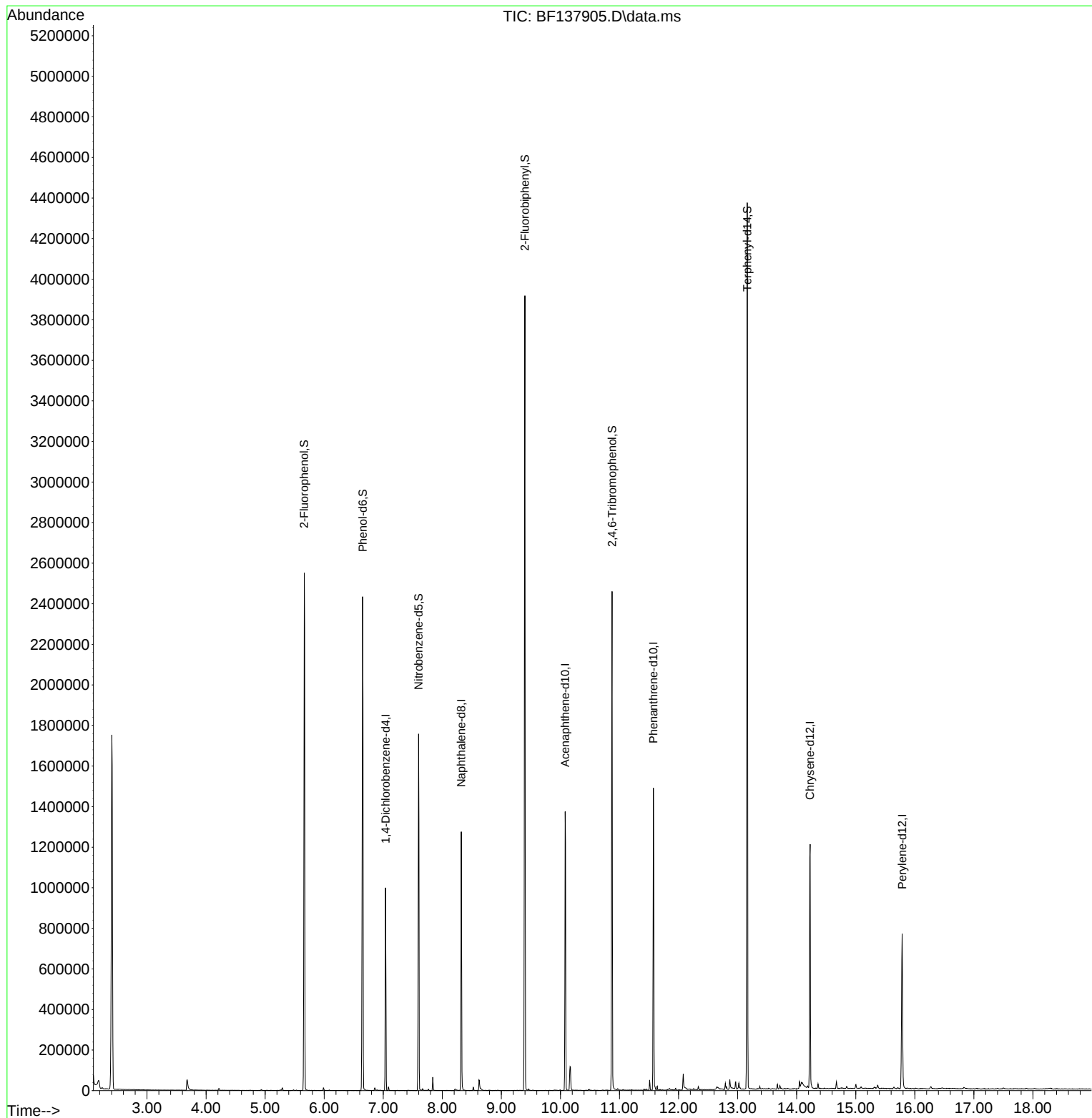
Target Compounds	Qvalue

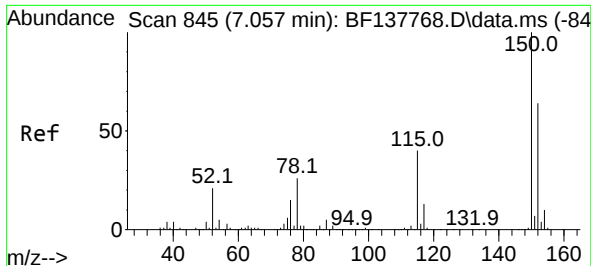
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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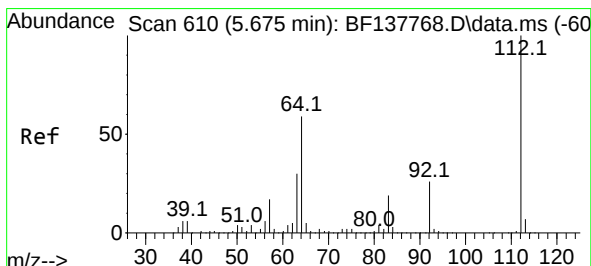
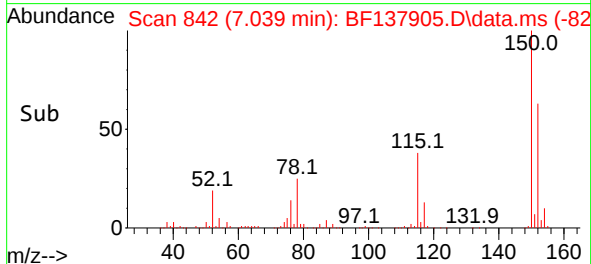
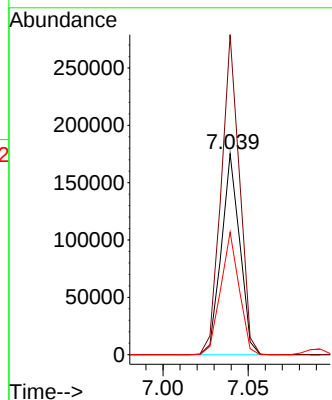
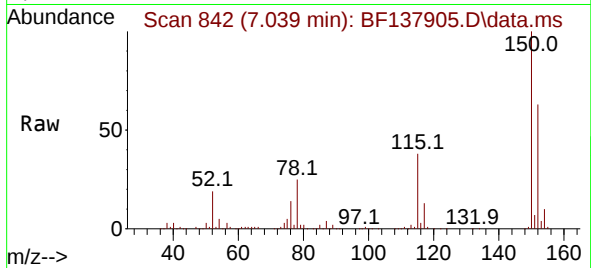




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.018 min
Lab File: BF137905.D
Acq: 13 May 2024 16:24

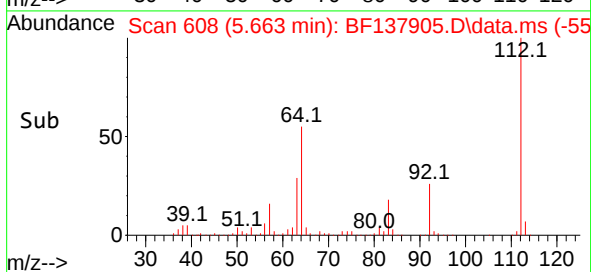
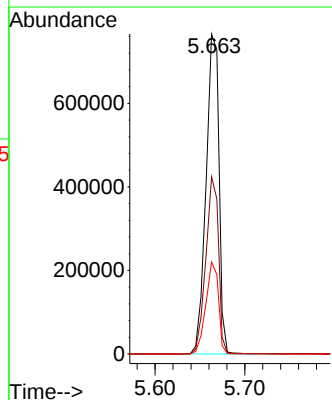
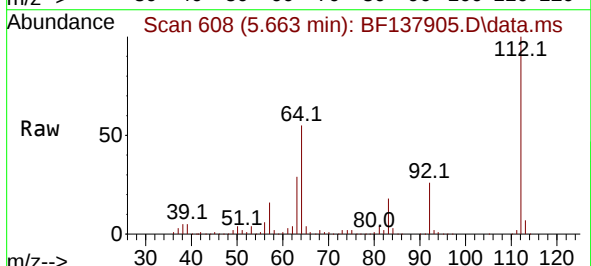
Instrument :
BNA_F
ClientSampleId :
SW-01-011

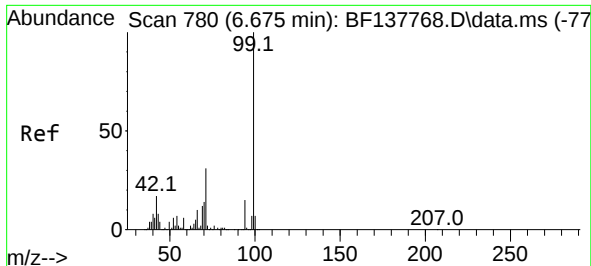
Tgt Ion:152 Resp: 131705
Ion Ratio Lower Upper
152 100
150 159.2 124.1 186.1
115 61.0 49.1 73.7



#5
2-Fluorophenol
Concen: 97.940 ng
RT: 5.663 min Scan# 608
Delta R.T. -0.012 min
Lab File: BF137905.D
Acq: 13 May 2024 16:24

Tgt Ion:112 Resp: 770424
Ion Ratio Lower Upper
112 100
64 55.4 47.3 70.9
63 28.8 23.7 35.5





#7

Phenol-d6

Concen: 96.207 ng

RT: 6.651 min Scan# 71

Delta R.T. -0.024 min

Lab File: BF137905.D

Acq: 13 May 2024 16:24

Instrument :

BNA_F

ClientSampleId :

SW-01-011

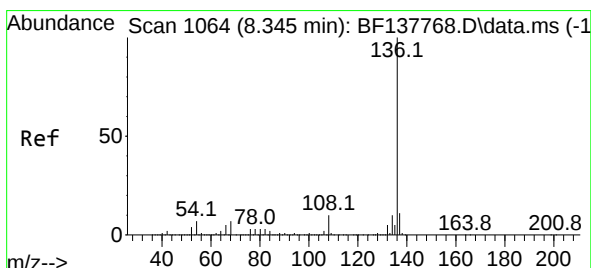
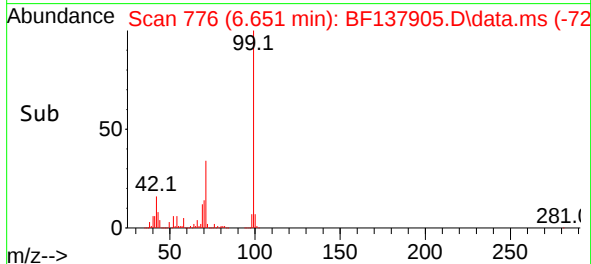
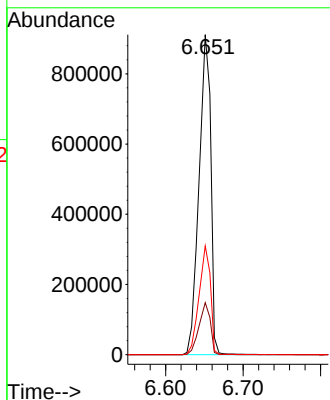
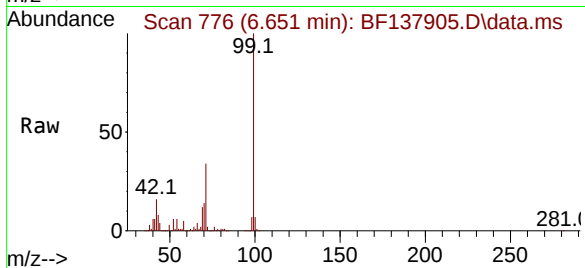
Tgt Ion: 99 Resp: 959923

Ion Ratio Lower Upper

99 100

42 16.2 13.2 19.8

71 34.0 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: BF137905.D

Acq: 13 May 2024 16:24

Tgt Ion: 136 Resp: 510381

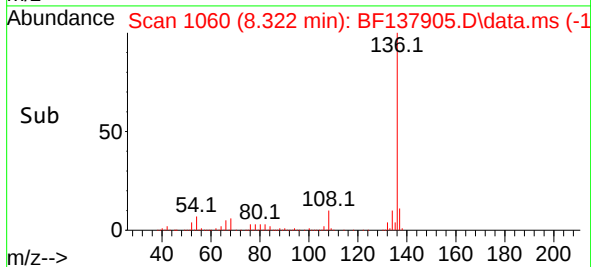
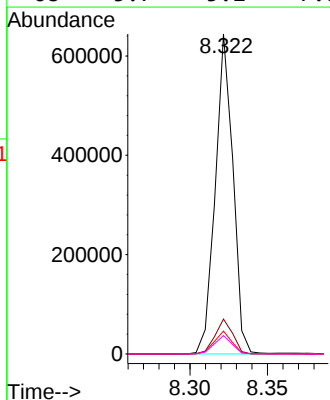
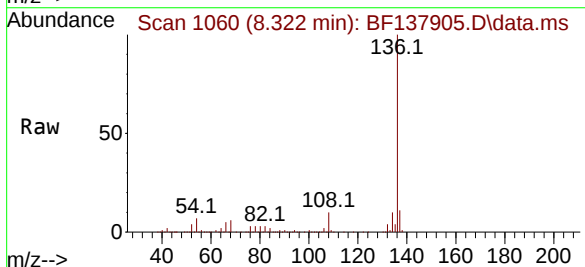
Ion Ratio Lower Upper

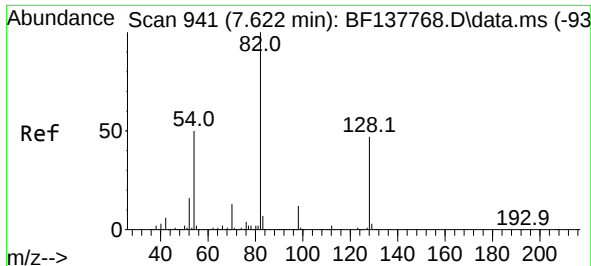
136 100

137 10.9 8.8 13.2

54 7.2 5.8 8.8

68 5.7 5.2 7.8

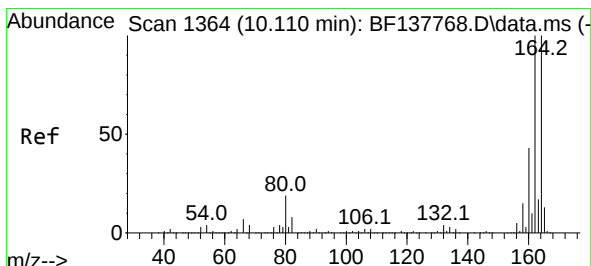
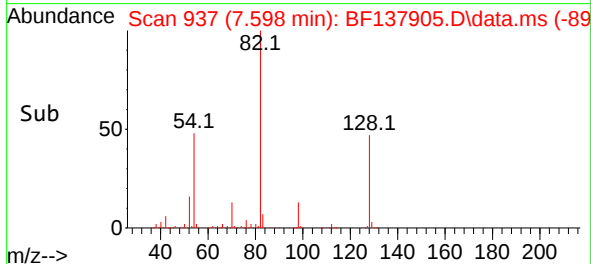
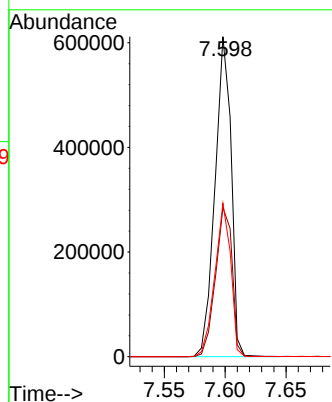
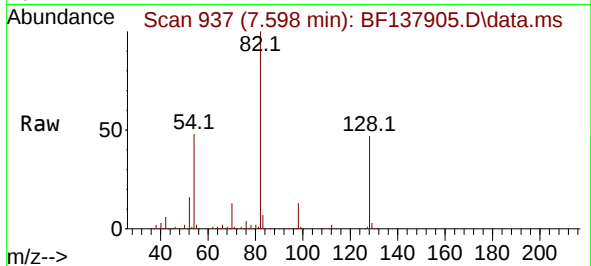




#23
Nitrobenzene-d5
Concen: 64.185 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.024 min
Lab File: BF137905.D
Acq: 13 May 2024 16:24

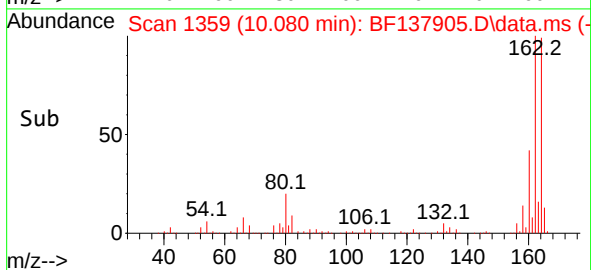
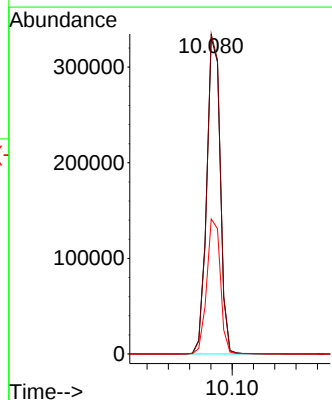
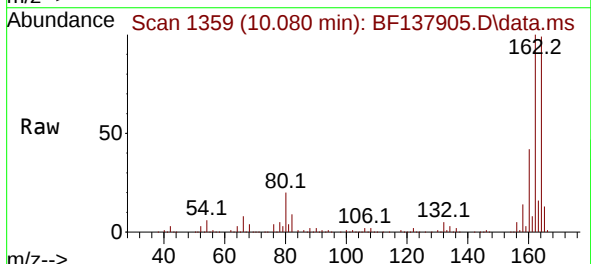
Instrument :
BNA_F
ClientSampleId :
SW-01-011

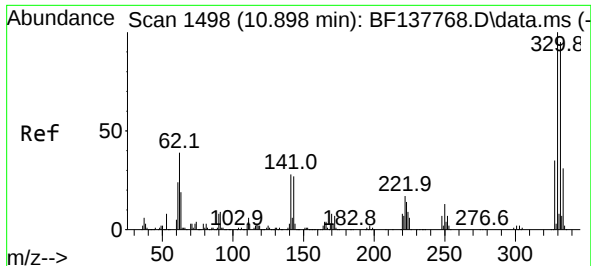
Tgt Ion: 82 Resp: 563856
Ion Ratio Lower Upper
82 100
128 46.6 37.5 56.3
54 48.0 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.030 min
Lab File: BF137905.D
Acq: 13 May 2024 16:24

Tgt Ion:164 Resp: 293893
Ion Ratio Lower Upper
164 100
162 101.1 79.8 119.6
160 42.6 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 100.856 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.024 min

Lab File: BF137905.D

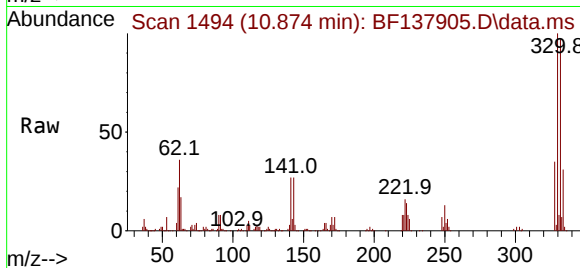
Acq: 13 May 2024 16:24

Instrument :

BNA_F

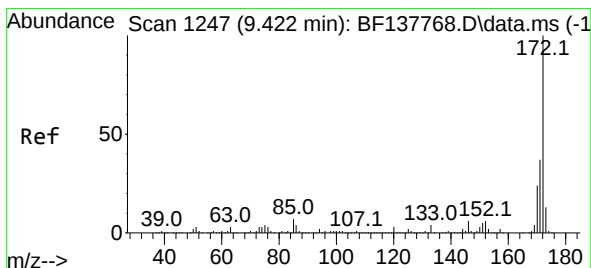
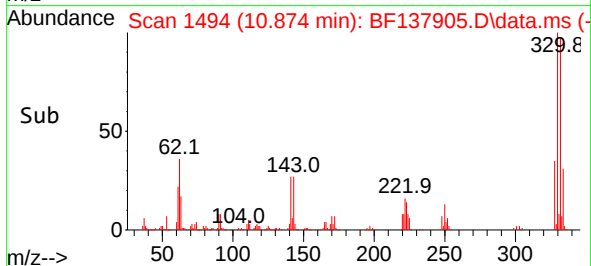
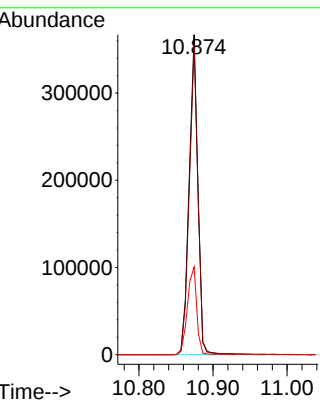
ClientSampleId :

SW-01-011



Tgt Ion:330 Resp: 302640

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	29.0	23.8	35.6



#45

2-Fluorobiphenyl

Concen: 65.477 ng

RT: 9.398 min Scan# 1243

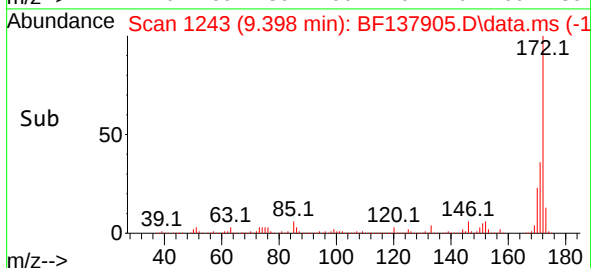
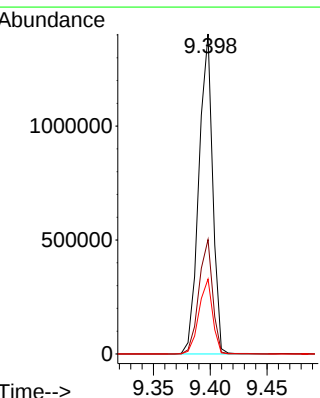
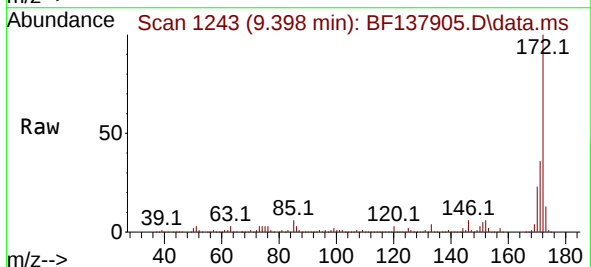
Delta R.T. -0.024 min

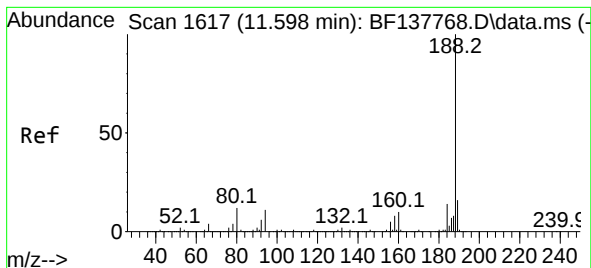
Lab File: BF137905.D

Acq: 13 May 2024 16:24

Tgt Ion:172 Resp: 1186124

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: 11.574 min Scan# 1

Delta R.T. -0.024 min

Lab File: BF137905.D

Acq: 13 May 2024 16:24

Instrument :

BNA_F

ClientSampleId :

SW-01-011

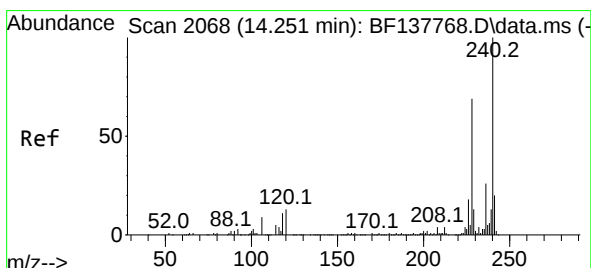
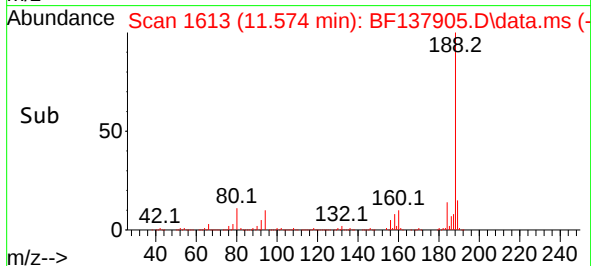
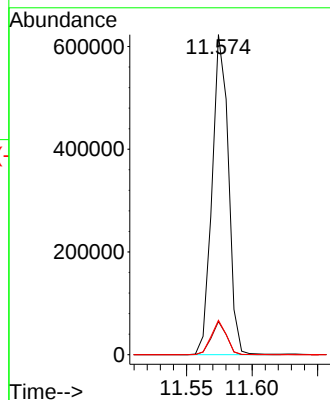
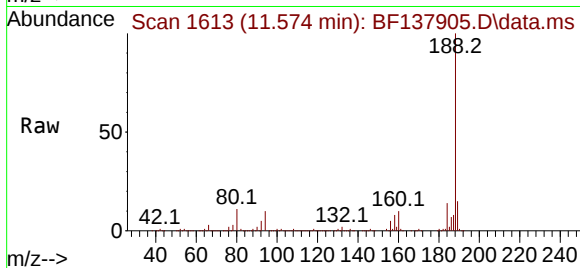
Tgt Ion:188 Resp: 539077

Ion Ratio Lower Upper

188 100

94 10.4 8.8 13.2

80 10.7 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: BF137905.D

Acq: 13 May 2024 16:24

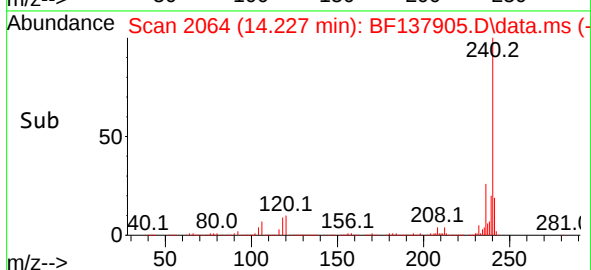
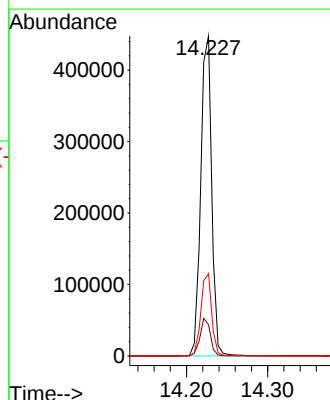
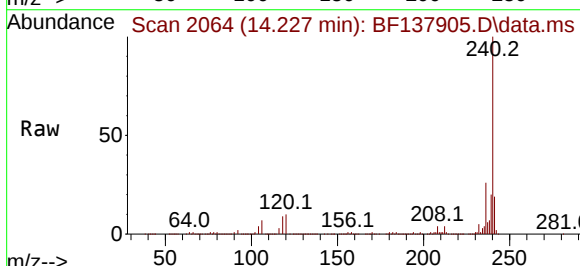
Tgt Ion:240 Resp: 420611

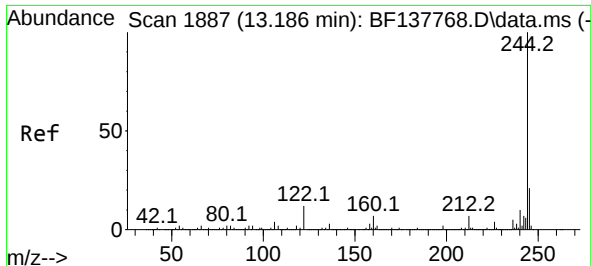
Ion Ratio Lower Upper

240 100

120 9.8 10.4 15.6#

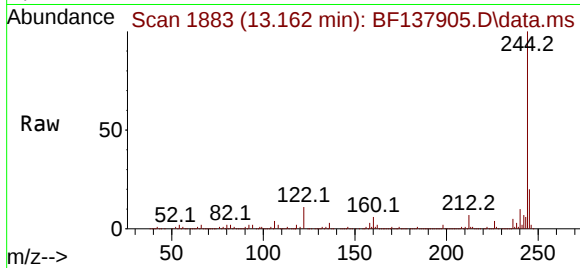
236 25.7 20.4 30.6



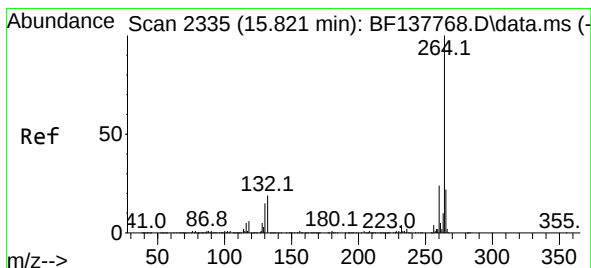
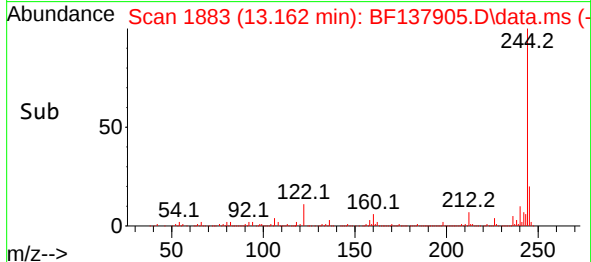
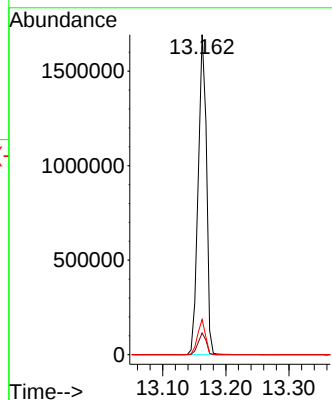


#79
 Terphenyl-d14
 Concen: 61.052 ng
 RT: 13.162 min Scan# 1883
 Delta R.T. -0.024 min
 Lab File: BF137905.D
 Acq: 13 May 2024 16:24

Instrument :
 BNA_F
 ClientSampleId :
 SW-01-011



Tgt Ion:244 Resp: 1532296
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 11.0 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: BF137905.D
 Acq: 13 May 2024 16:24

Tgt Ion:264 Resp: 360817
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 20.5 17.4 26.0

