

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137964.D
Acq On : 20 May 2024 17:37
Operator : CG\JU
Sample : P2518-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-MH-MM

Quant Time: May 20 19:06:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.040	152	136519	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	536974	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	312670	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	542278	20.000	ng	0.00
76) Chrysene-d12	14.221	240	303307	20.000	ng	0.00
86) Perylene-d12	15.786	264	350028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	656358	81.668	ng	0.00
7) Phenol-d6	6.651	99	830840	83.921	ng	0.00
23) Nitrobenzene-d5	7.598	82	488838	53.575	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	271626	86.158	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1075267	52.974	ng	0.00
79) Terphenyl-d14	13.163	244	1134961	55.149	ng	0.00

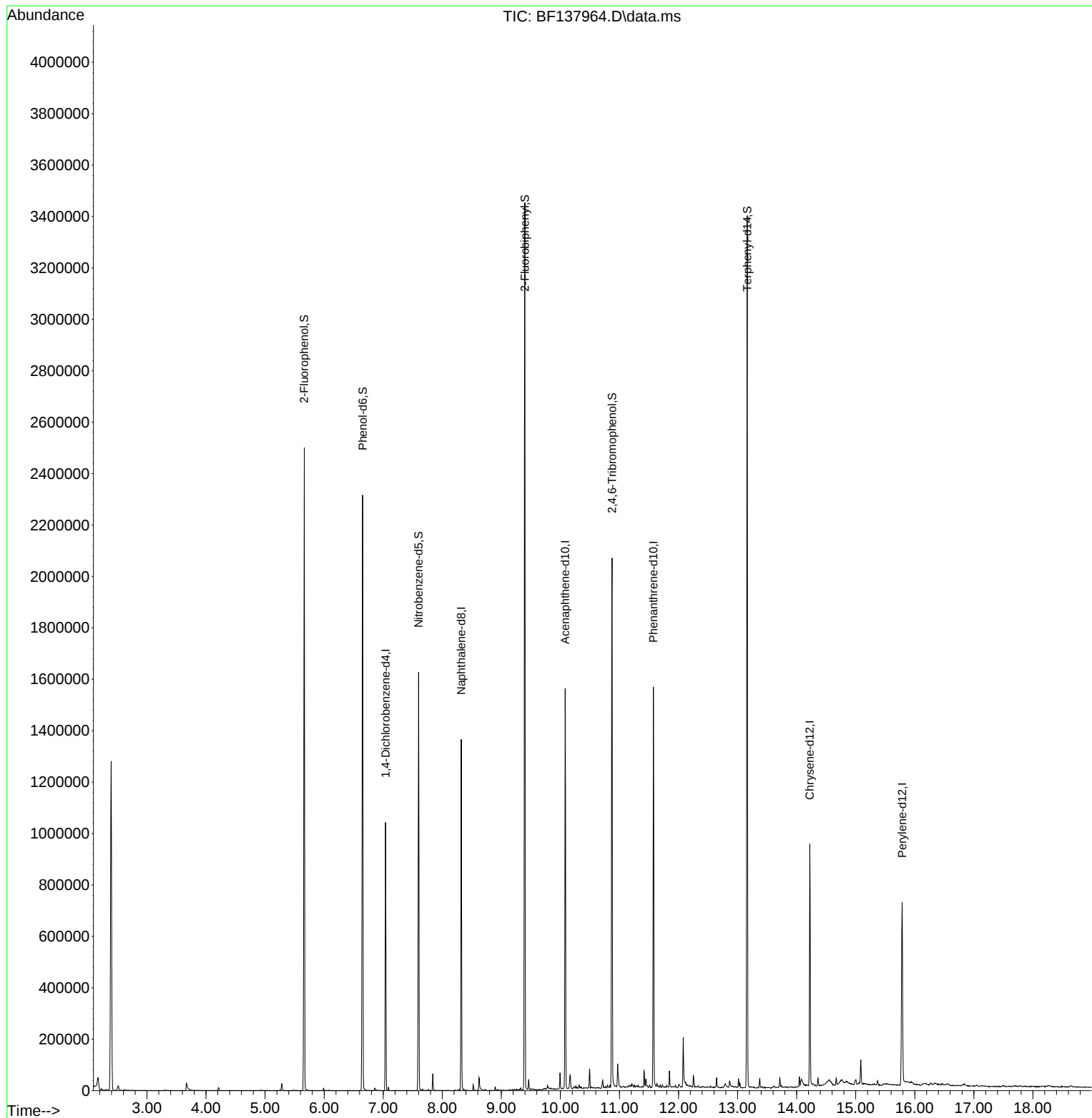
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137964.D
Acq On : 20 May 2024 17:37
Operator : CG\JU
Sample : P2518-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-MH-MM

Quant Time: May 20 19:06:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

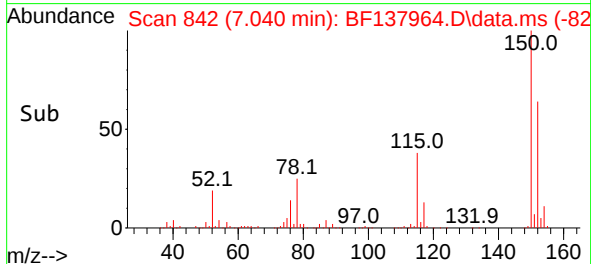
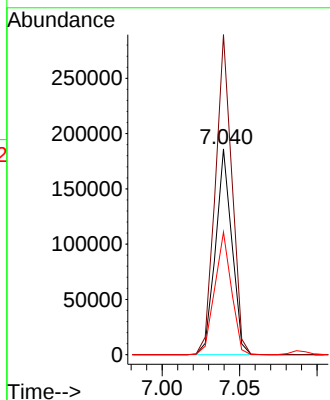
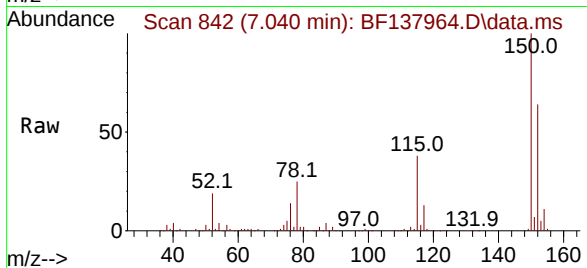




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.005 min
Lab File: BF137964.D
Acq: 20 May 2024 17:37

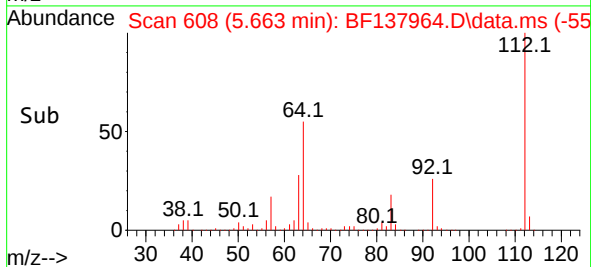
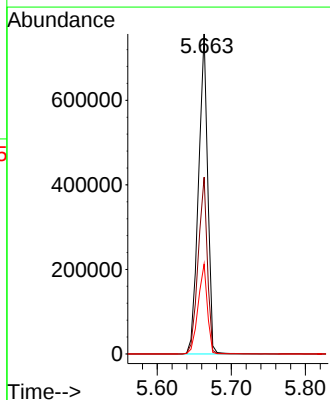
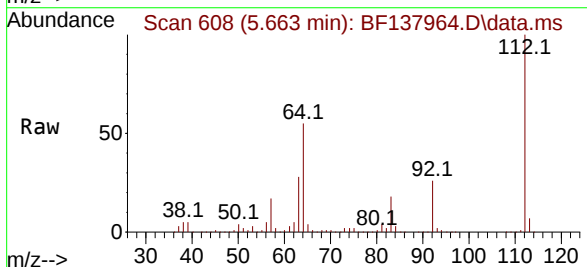
Instrument :
BNA_F
ClientSampleId :
WC-MH-MM

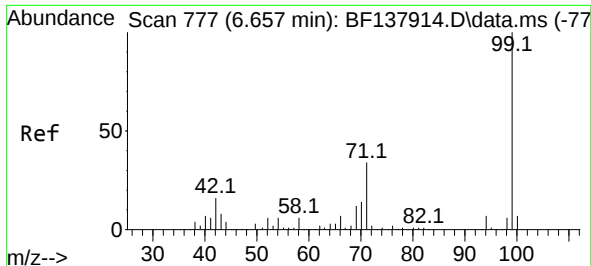
Tgt Ion:152 Resp: 136519
Ion Ratio Lower Upper
152 100
150 155.5 125.7 188.5
115 59.6 47.0 70.6



#5
2-Fluorophenol
Concen: 81.668 ng
RT: 5.663 min Scan# 608
Delta R.T. 0.000 min
Lab File: BF137964.D
Acq: 20 May 2024 17:37

Tgt Ion:112 Resp: 656358
Ion Ratio Lower Upper
112 100
64 55.3 42.4 63.6
63 28.1 21.4 32.2

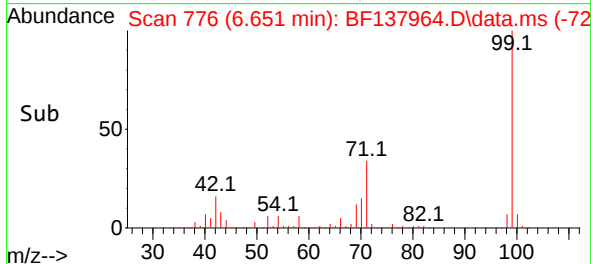
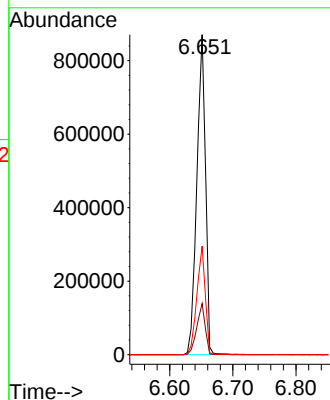
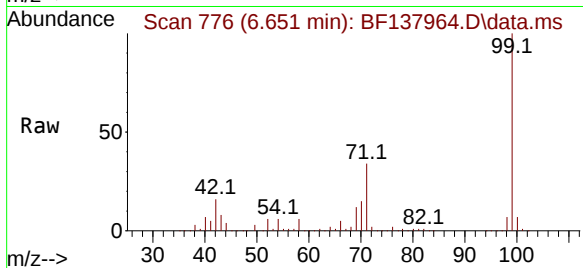




#7
Phenol-d6
Concen: 83.921 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137964.D
Acq: 20 May 2024 17:37

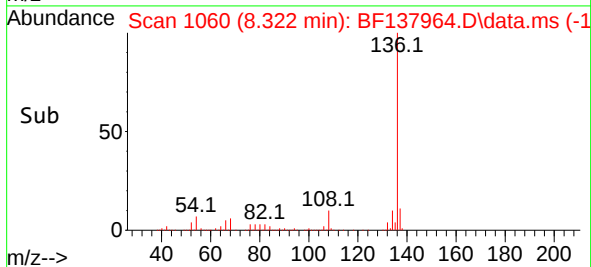
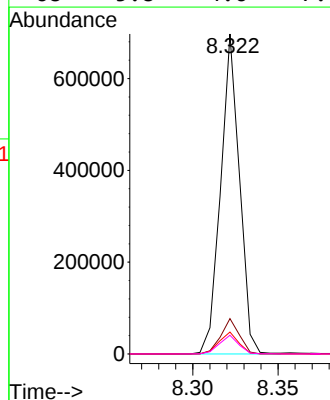
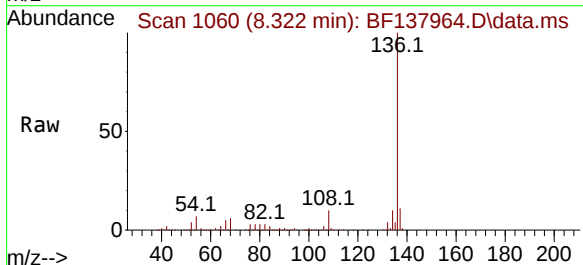
Instrument :
BNA_F
ClientSampleId :
WC-MH-MM

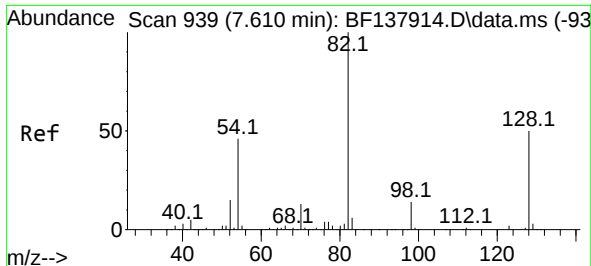
Tgt Ion: 99 Resp: 830840
Ion Ratio Lower Upper
99 100
42 16.0 12.6 18.8
71 33.9 27.1 40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF137964.D
Acq: 20 May 2024 17:37

Tgt Ion: 136 Resp: 536974
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.9 5.4 8.2
68 5.8 4.6 7.0





#23

Nitrobenzene-d5

Concen: 53.575 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137964.D

Acq: 20 May 2024 17:37

Instrument :

BNA_F

ClientSampleId :

WC-MH-MM

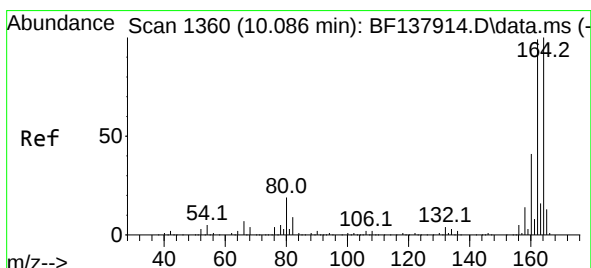
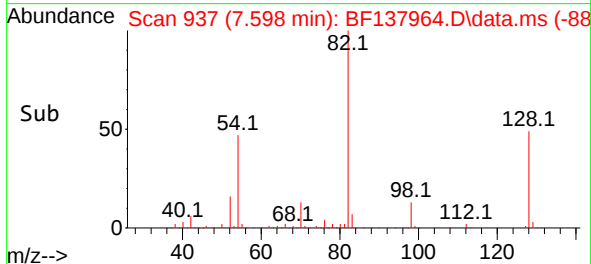
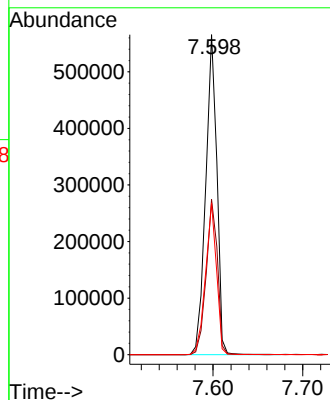
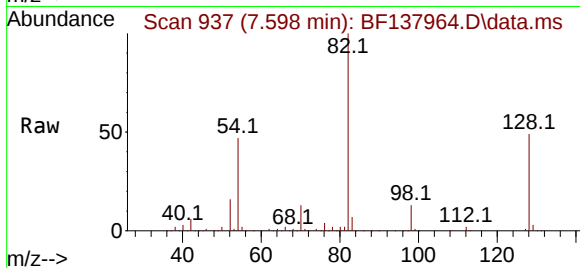
Tgt Ion: 82 Resp: 488838

Ion Ratio Lower Upper

82 100

128 48.5 40.3 60.5

54 47.5 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.081 min Scan# 1359

Delta R.T. -0.005 min

Lab File: BF137964.D

Acq: 20 May 2024 17:37

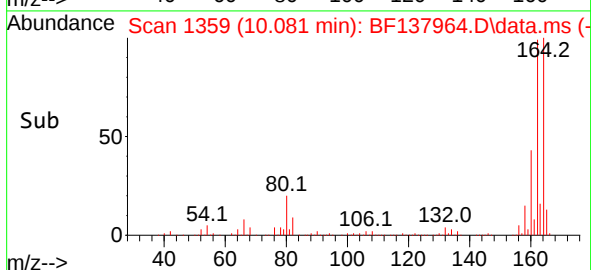
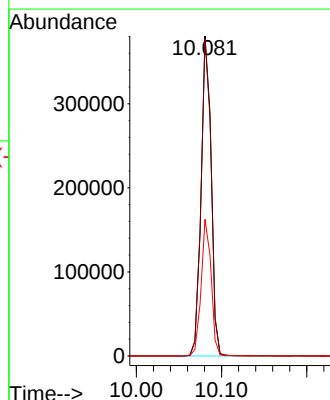
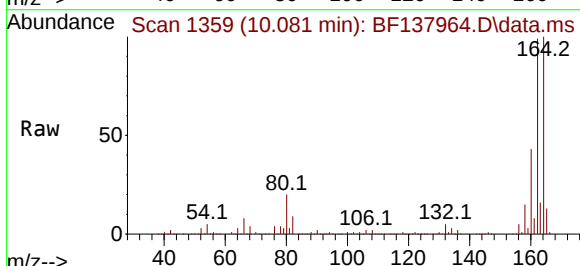
Tgt Ion:164 Resp: 312670

Ion Ratio Lower Upper

164 100

162 99.3 79.4 119.2

160 42.7 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 86.158 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF137964.D

Acq: 20 May 2024 17:37

Instrument :

BNA_F

ClientSampleId :

WC-MH-MM

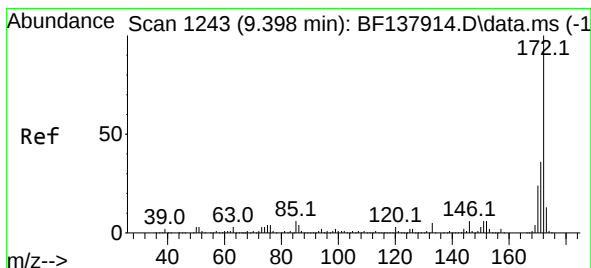
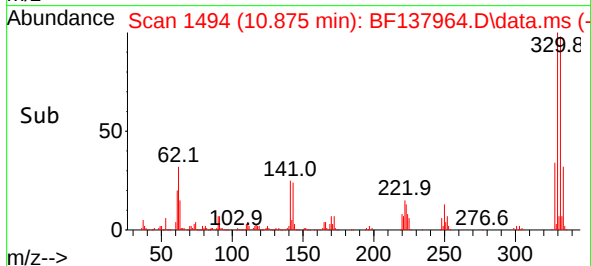
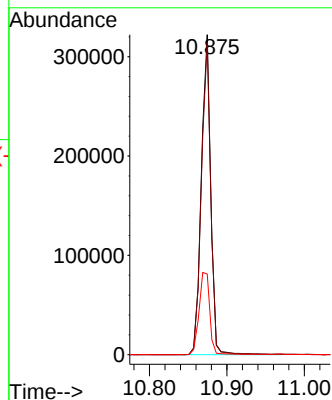
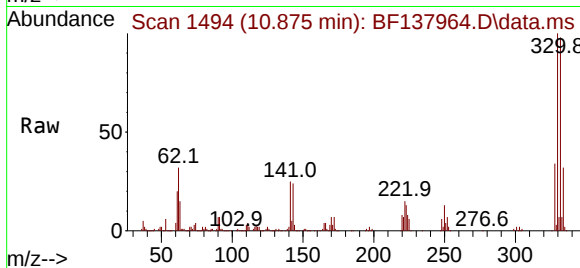
Tgt Ion:330 Resp: 271626

Ion Ratio Lower Upper

330 100

332 97.3 75.8 113.8

141 29.3 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 52.974 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF137964.D

Acq: 20 May 2024 17:37

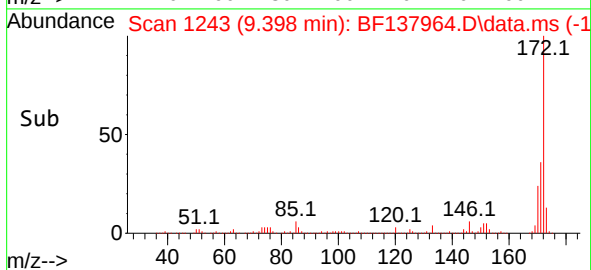
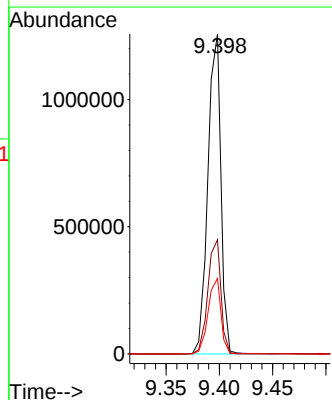
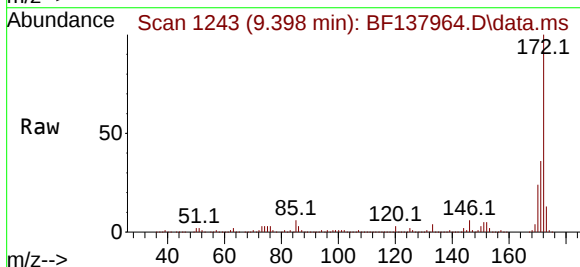
Tgt Ion:172 Resp: 1075267

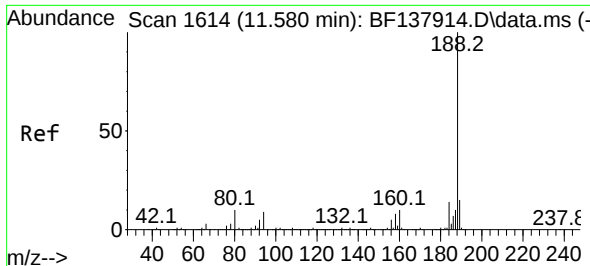
Ion Ratio Lower Upper

172 100

171 35.7 28.9 43.3

170 23.6 18.9 28.3

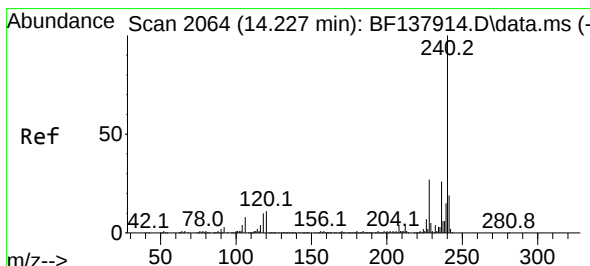
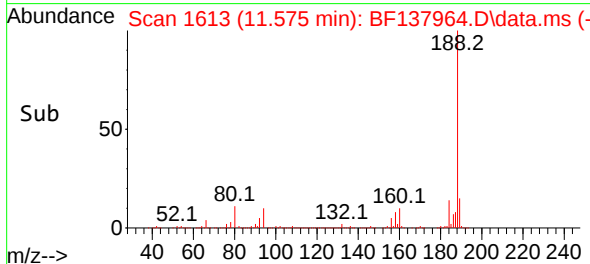
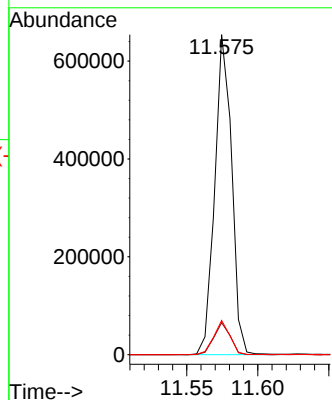
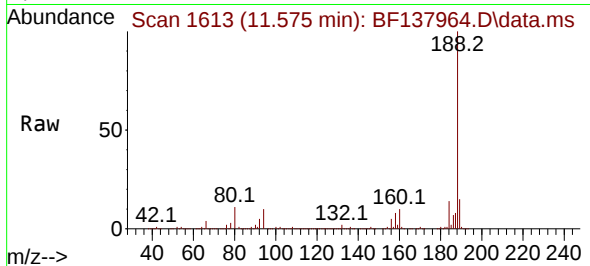




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137964.D
Acq: 20 May 2024 17:37

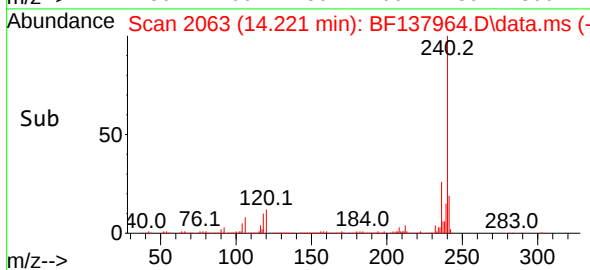
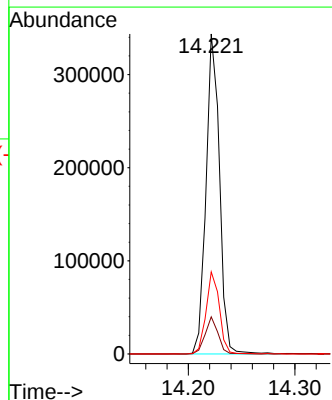
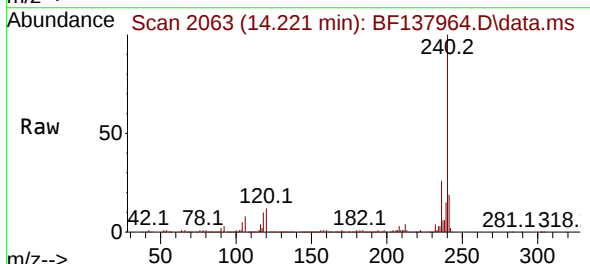
Instrument :
BNA_F
ClientSampleId :
WC-MH-MM

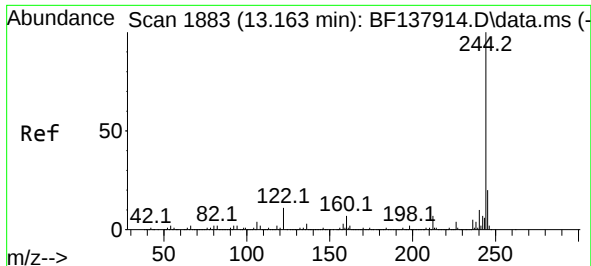
Tgt Ion:188 Resp: 542278
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.4
80 10.7 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137964.D
Acq: 20 May 2024 17:37

Tgt Ion:240 Resp: 303307
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.6 21.0 31.4

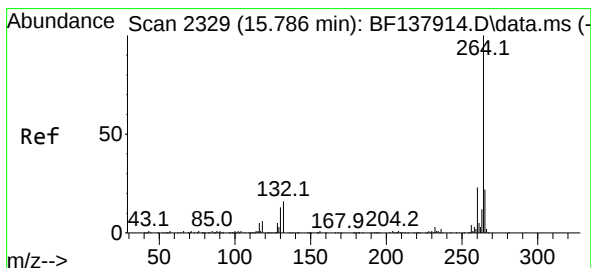
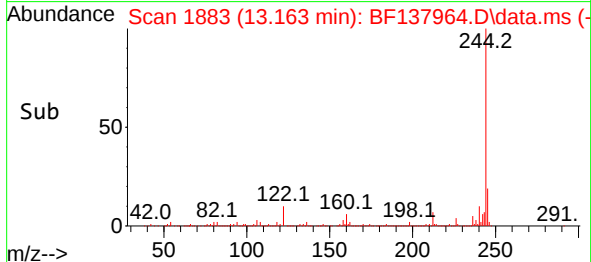
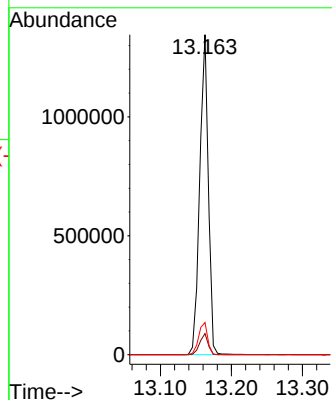
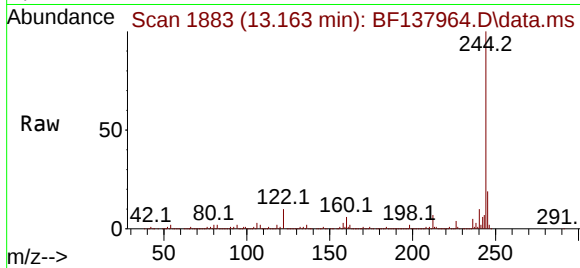




#79
 Terphenyl-d14
 Concen: 55.149 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: BF137964.D
 Acq: 20 May 2024 17:37

Instrument :
 BNA_F
 ClientSampleId :
 WC-MH-MM

Tgt Ion:244 Resp: 1134961
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.786 min Scan# 2329
 Delta R.T. 0.000 min
 Lab File: BF137964.D
 Acq: 20 May 2024 17:37

Tgt Ion:264 Resp: 350028
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.3 27.5
 265 21.2 17.6 26.4

