

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF138011.D
 Acq On : 22 May 2024 18:23
 Operator : CG\JU
 Sample : P2539-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPQ

Quant Time: May 23 01:12:36 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)

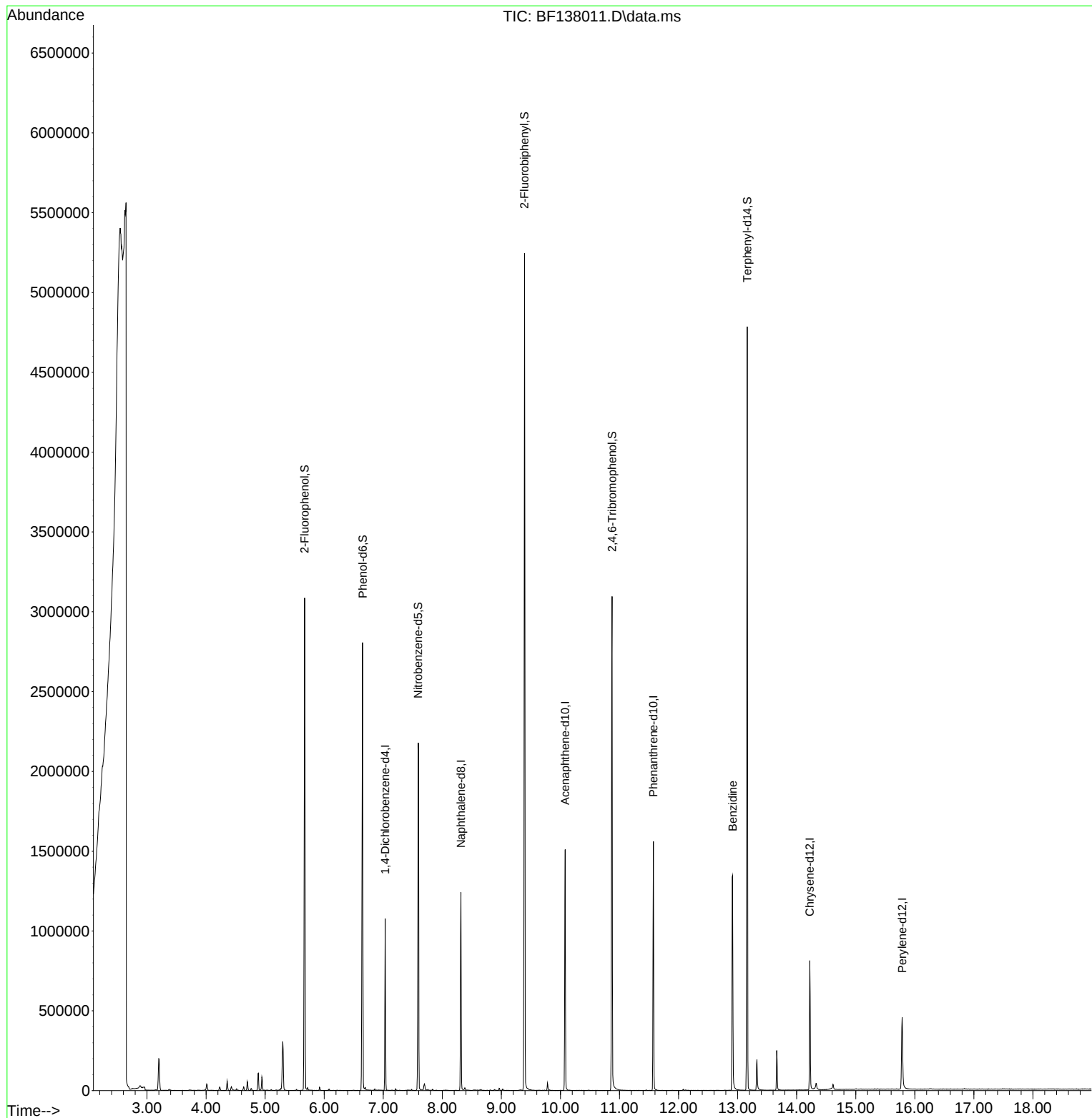
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	140921	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	557390	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	318186	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	534844	20.000	ng	0.00
76) Chrysene-d12	14.221	240	275111	20.000	ng	0.00
86) Perylene-d12	15.786	264	253328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	958410	115.526	ng	0.00
7) Phenol-d6	6.651	99	1075439	105.235	ng	0.00
23) Nitrobenzene-d5	7.592	82	781005	82.460	ng	-0.02
42) 2,4,6-Tribromophenol	10.874	330	431992	134.650	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1689704	81.801	ng	0.00
79) Terphenyl-d14	13.163	244	1699468	91.042	ng	0.00
Target Compounds						
77) Benzidine	12.916	184	585737	162.913	ng	Qvalue 99

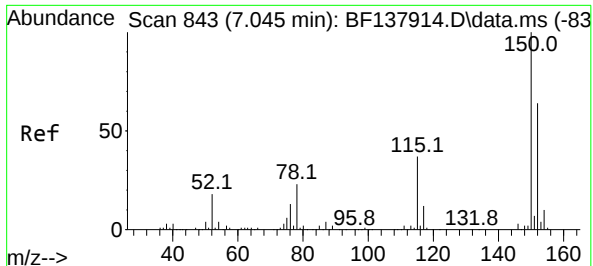
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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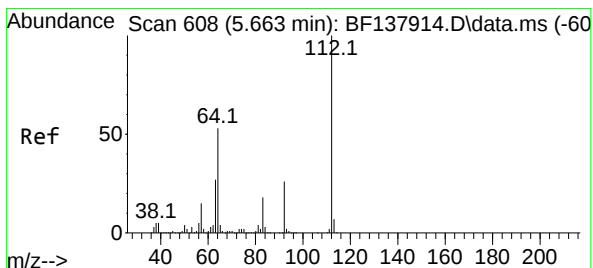
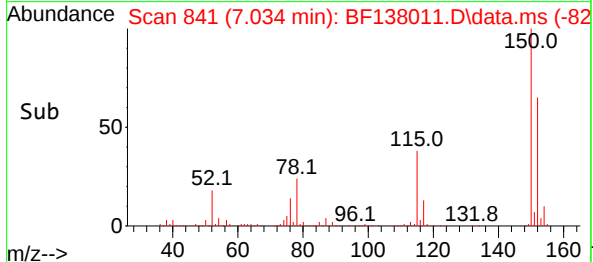
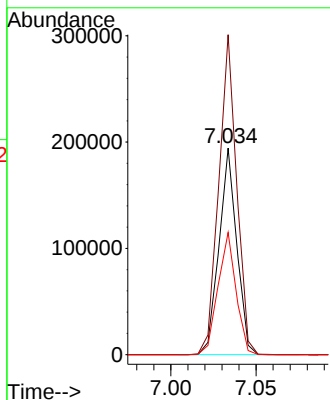
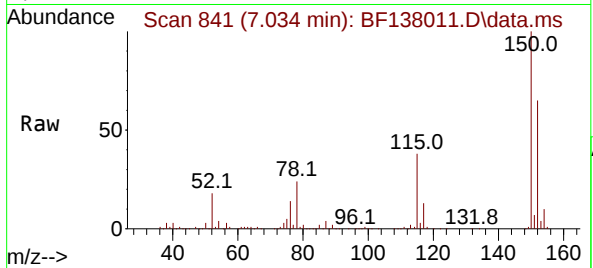




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.034 min Scan# 841
 Delta R.T. -0.011 min
 Lab File: BF138011.D
 Acq: 22 May 2024 18:23

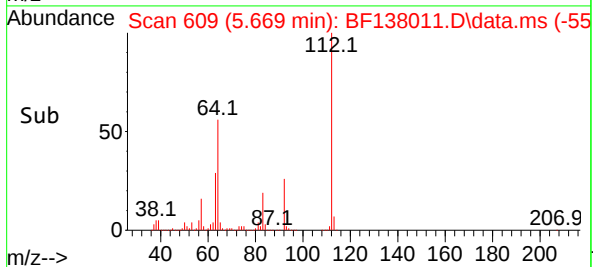
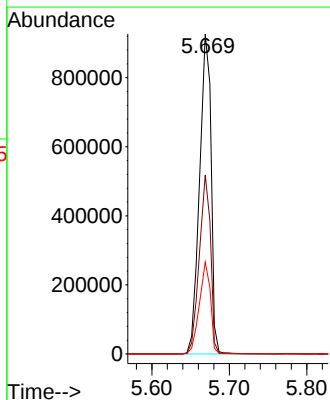
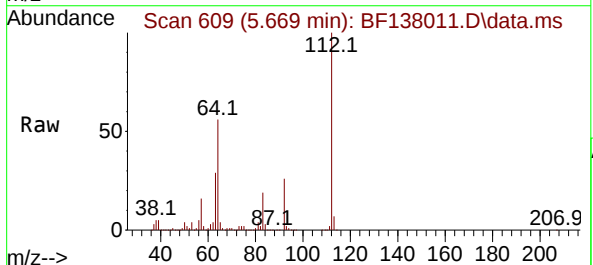
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPQ

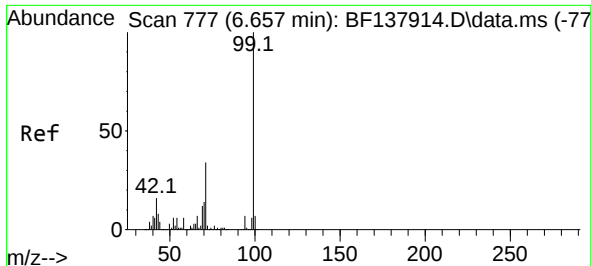
Tgt Ion:152 Resp: 140921
 Ion Ratio Lower Upper
 152 100
 150 154.9 125.7 188.5
 115 59.2 47.0 70.6



#5
 2-Fluorophenol
 Concen: 115.526 ng
 RT: 5.669 min Scan# 609
 Delta R.T. 0.006 min
 Lab File: BF138011.D
 Acq: 22 May 2024 18:23

Tgt Ion:112 Resp: 958410
 Ion Ratio Lower Upper
 112 100
 64 55.9 42.4 63.6
 63 28.7 21.4 32.2



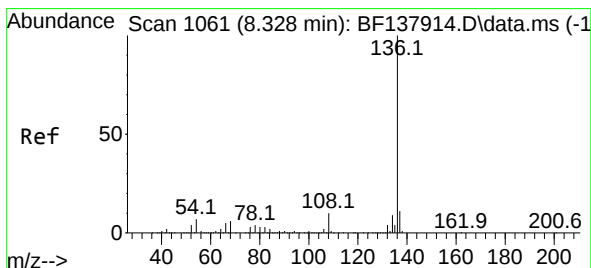
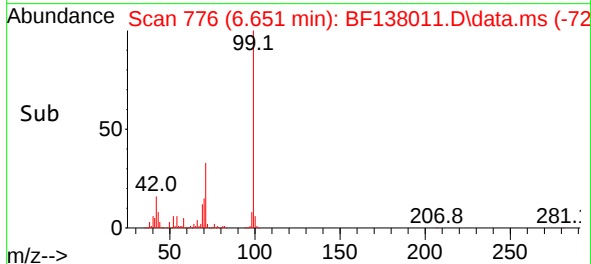
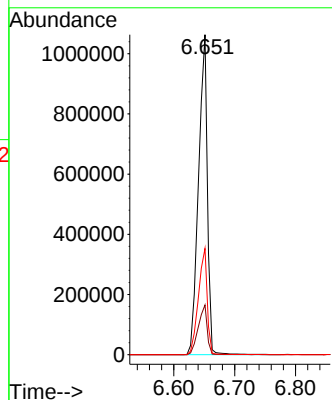
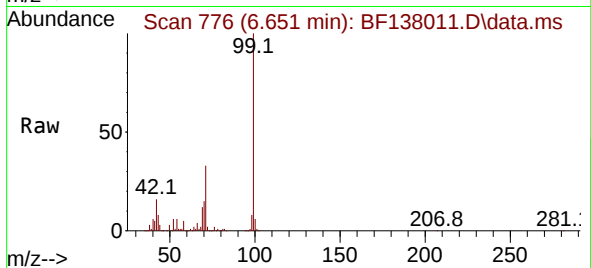


#7
Phenol-d6
Concen: 105.235 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138011.D
Acq: 22 May 2024 18:23

Instrument :
BNA_F
ClientSampleId :
WCS-TPQ

Tgt Ion: 99 Resp: 1075439

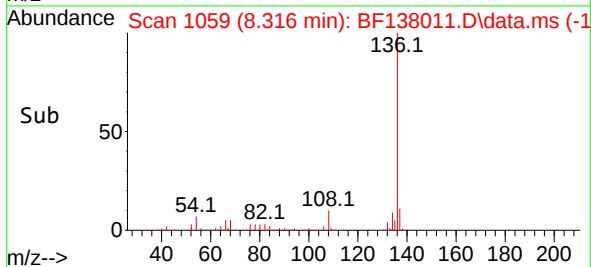
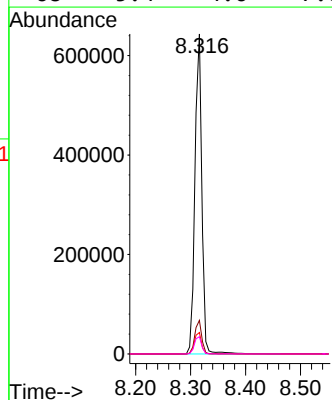
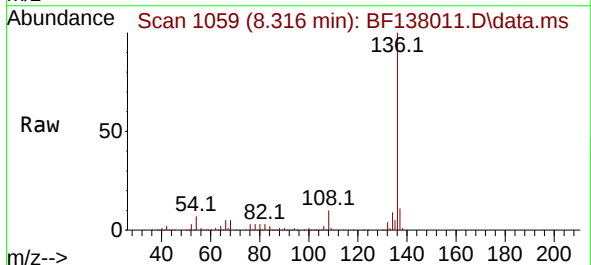
Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.6	18.8
71	33.2	27.1	40.7

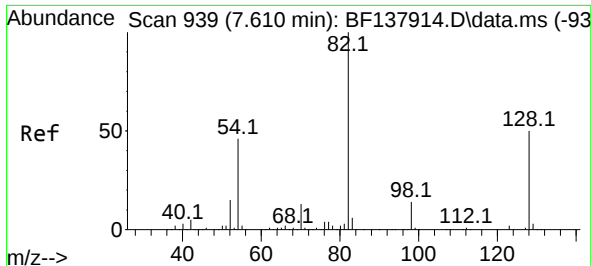


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138011.D
Acq: 22 May 2024 18:23

Tgt Ion: 136 Resp: 557390

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	6.7	5.4	8.2
68	5.4	4.6	7.0





#23

Nitrobenzene-d5

Concen: 82.460 ng

RT: 7.592 min Scan# 91

Delta R.T. -0.018 min

Lab File: BF138011.D

Acq: 22 May 2024 18:23

Instrument :

BNA_F

ClientSampleId :

WCS-TPQ

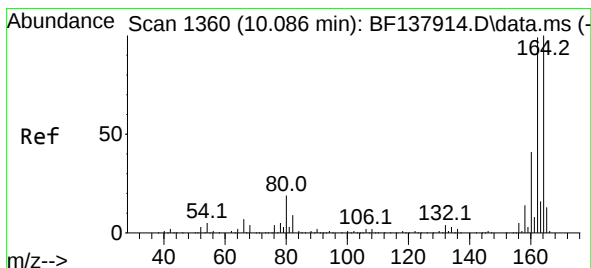
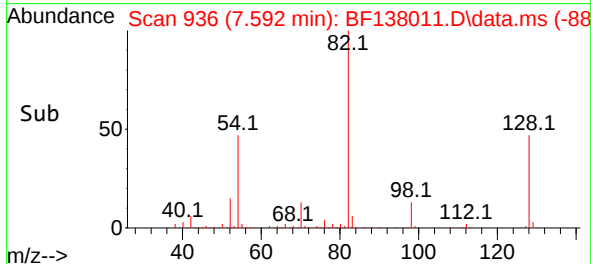
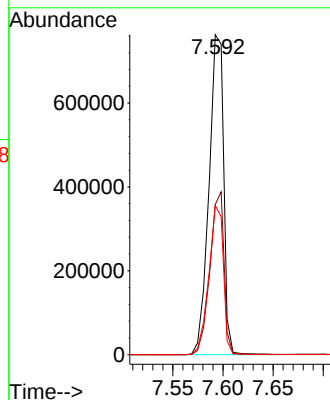
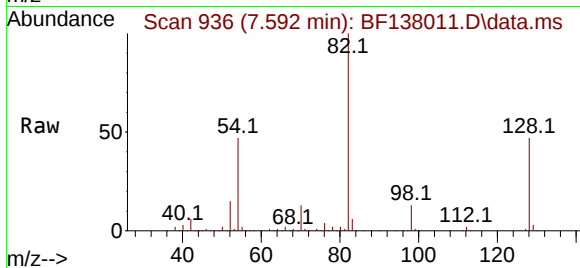
Tgt Ion: 82 Resp: 781005

Ion Ratio Lower Upper

82 100

128 46.9 40.3 60.5

54 46.6 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.080 min Scan# 1359

Delta R.T. -0.006 min

Lab File: BF138011.D

Acq: 22 May 2024 18:23

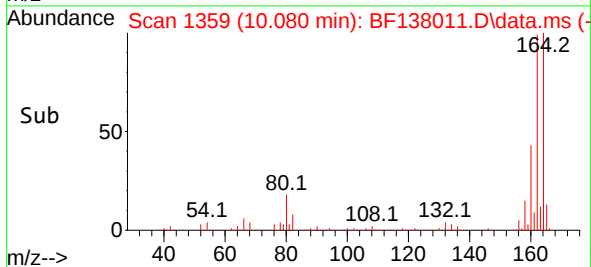
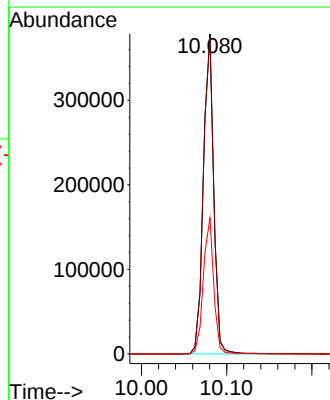
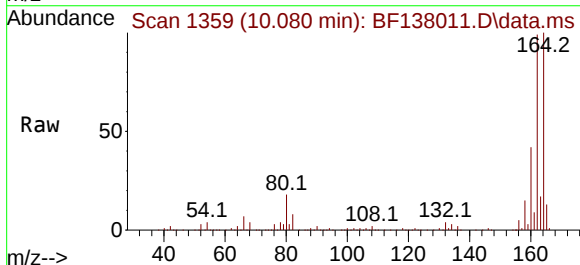
Tgt Ion:164 Resp: 318186

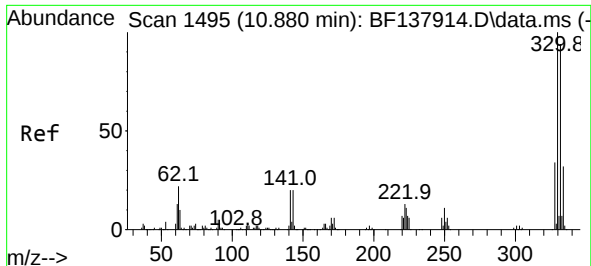
Ion Ratio Lower Upper

164 100

162 98.8 79.4 119.2

160 42.4 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 134.650 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF138011.D

Acq: 22 May 2024 18:23

Instrument :

BNA_F

ClientSampleId :

WCS-TPQ

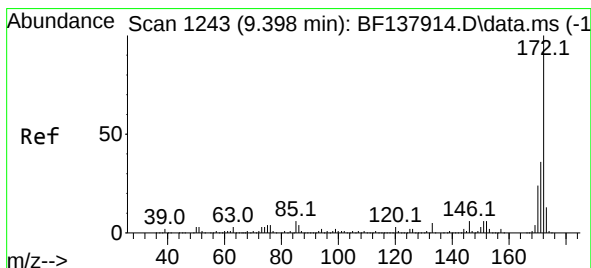
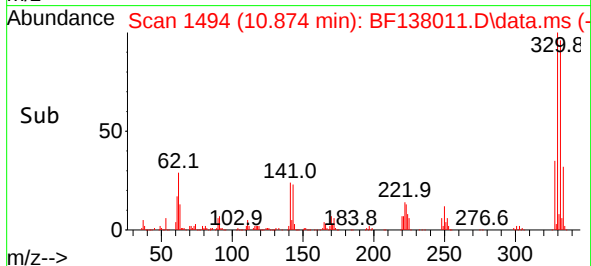
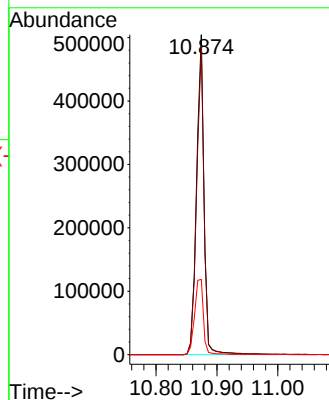
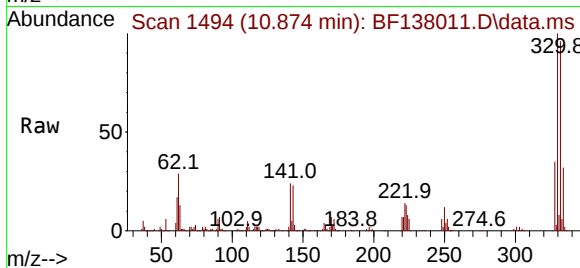
Tgt Ion:330 Resp: 431992

Ion Ratio Lower Upper

330 100

332 96.2 75.8 113.8

141 27.8 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 81.801 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF138011.D

Acq: 22 May 2024 18:23

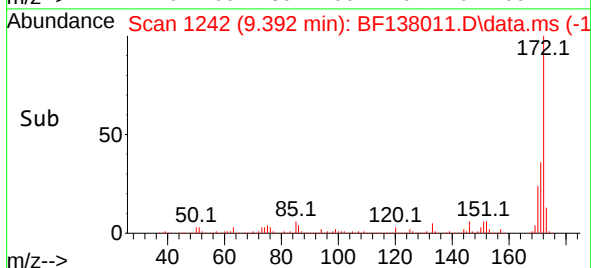
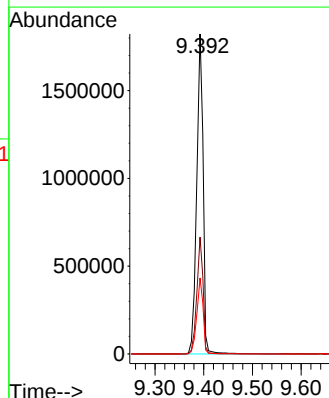
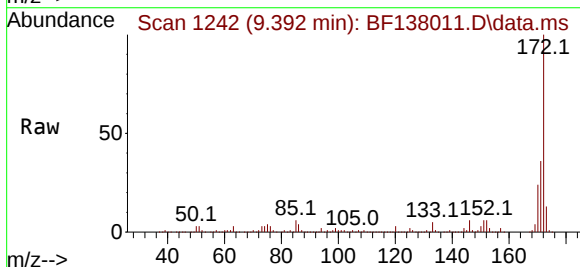
Tgt Ion:172 Resp: 1689704

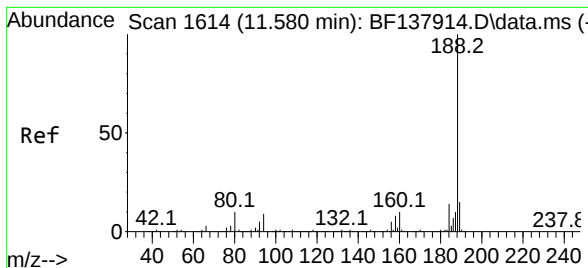
Ion Ratio Lower Upper

172 100

171 36.5 28.9 43.3

170 23.7 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.574 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138011.D

Acq: 22 May 2024 18:23

Instrument :

BNA_F

ClientSampleId :

WCS-TPQ

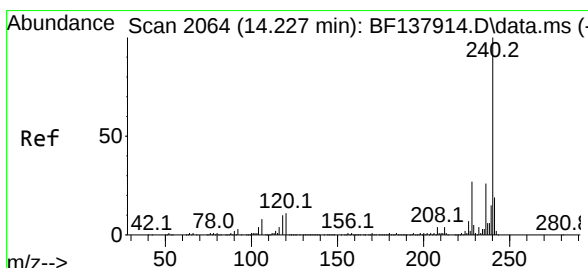
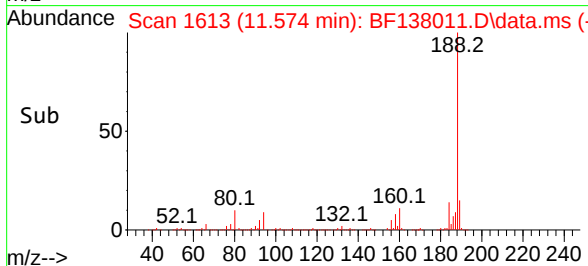
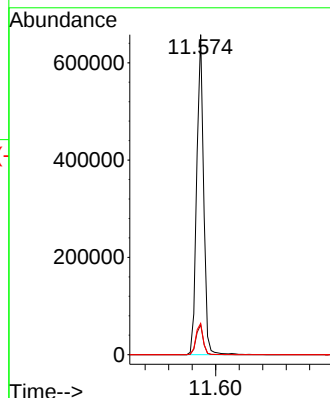
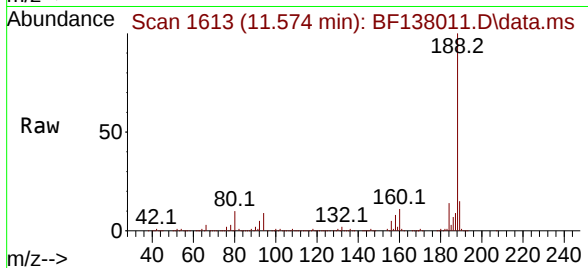
Tgt Ion:188 Resp: 534844

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

80 9.8 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: BF138011.D

Acq: 22 May 2024 18:23

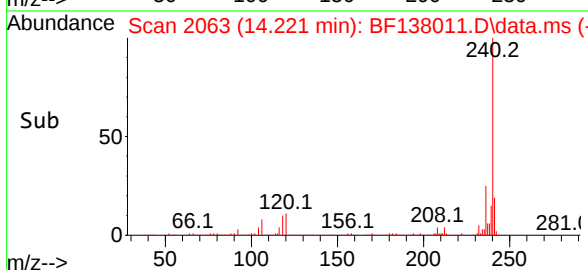
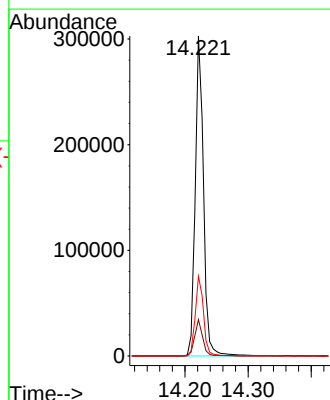
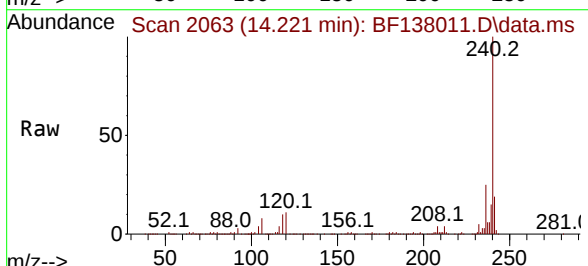
Tgt Ion:240 Resp: 275111

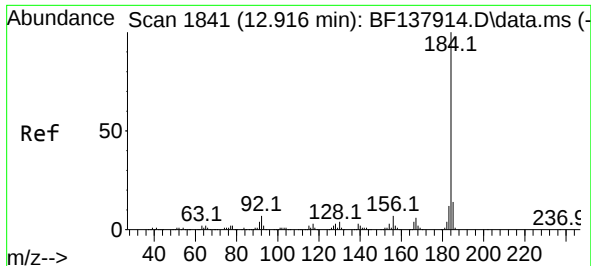
Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

236 24.9 21.0 31.4

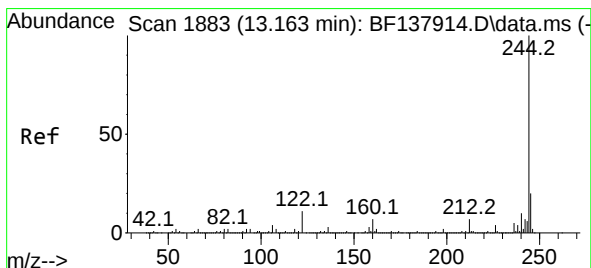
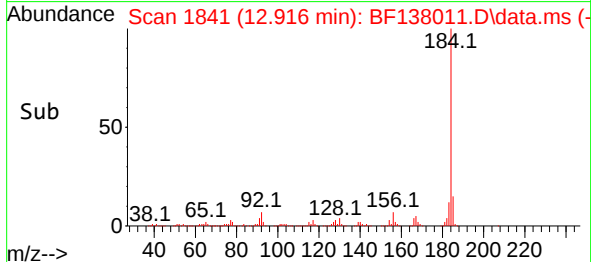
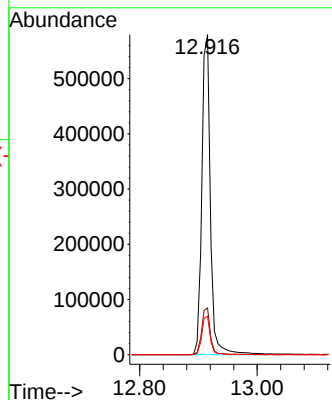
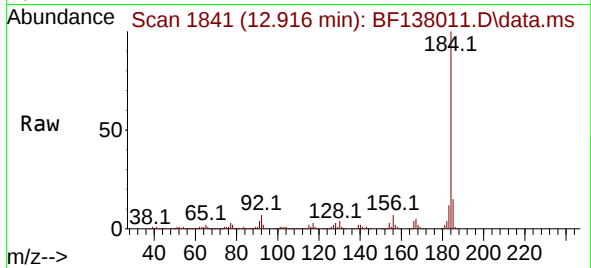




#77
Benzidine
Concen: 162.913 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.001 min
Lab File: BF138011.D
Acq: 22 May 2024 18:23

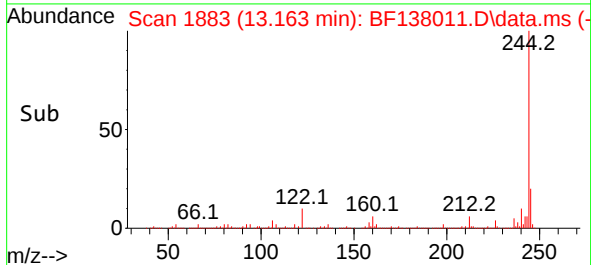
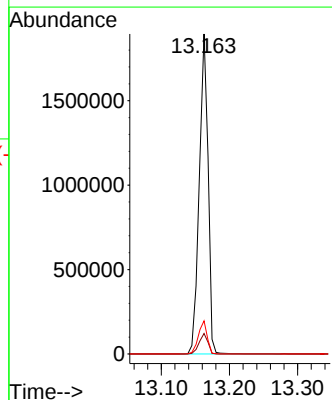
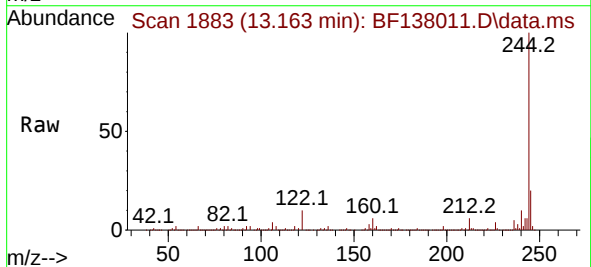
Instrument :
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WCS-TPQ

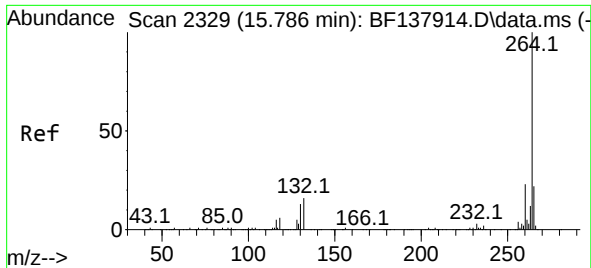
Tgt Ion:184 Resp: 585737
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.2
183 12.0 9.5 14.3



#79
Terphenyl-d14
Concen: 91.042 ng
RT: 13.163 min Scan# 1883
Delta R.T. -0.000 min
Lab File: BF138011.D
Acq: 22 May 2024 18:23

Tgt Ion:244 Resp: 1699468
Ion Ratio Lower Upper
244 100
212 6.4 5.6 8.4
122 10.4 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.786 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF138011.D
 Acq: 22 May 2024 18:23

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPQ

Tgt Ion:264 Resp: 253328
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.3 27.5
 265 21.3 17.6 26.4

