

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF138010.D
 Acq On : 22 May 2024 17:52
 Operator : CG\JU
 Sample : P2539-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPQ

Quant Time: May 22 18:26:15 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	142280	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	541192	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	314698	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	547817	20.000	ng	0.00
76) Chrysene-d12	14.221	240	291273	20.000	ng	0.00
86) Perylene-d12	15.786	264	244440	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	938626	112.060	ng	0.00
7) Phenol-d6	6.651	99	1059831	102.717	ng	0.00
23) Nitrobenzene-d5	7.598	82	765991	83.296	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	435214	137.158	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1659717	81.240	ng	0.00
79) Terphenyl-d14	13.163	244	1753088	88.704	ng	0.00

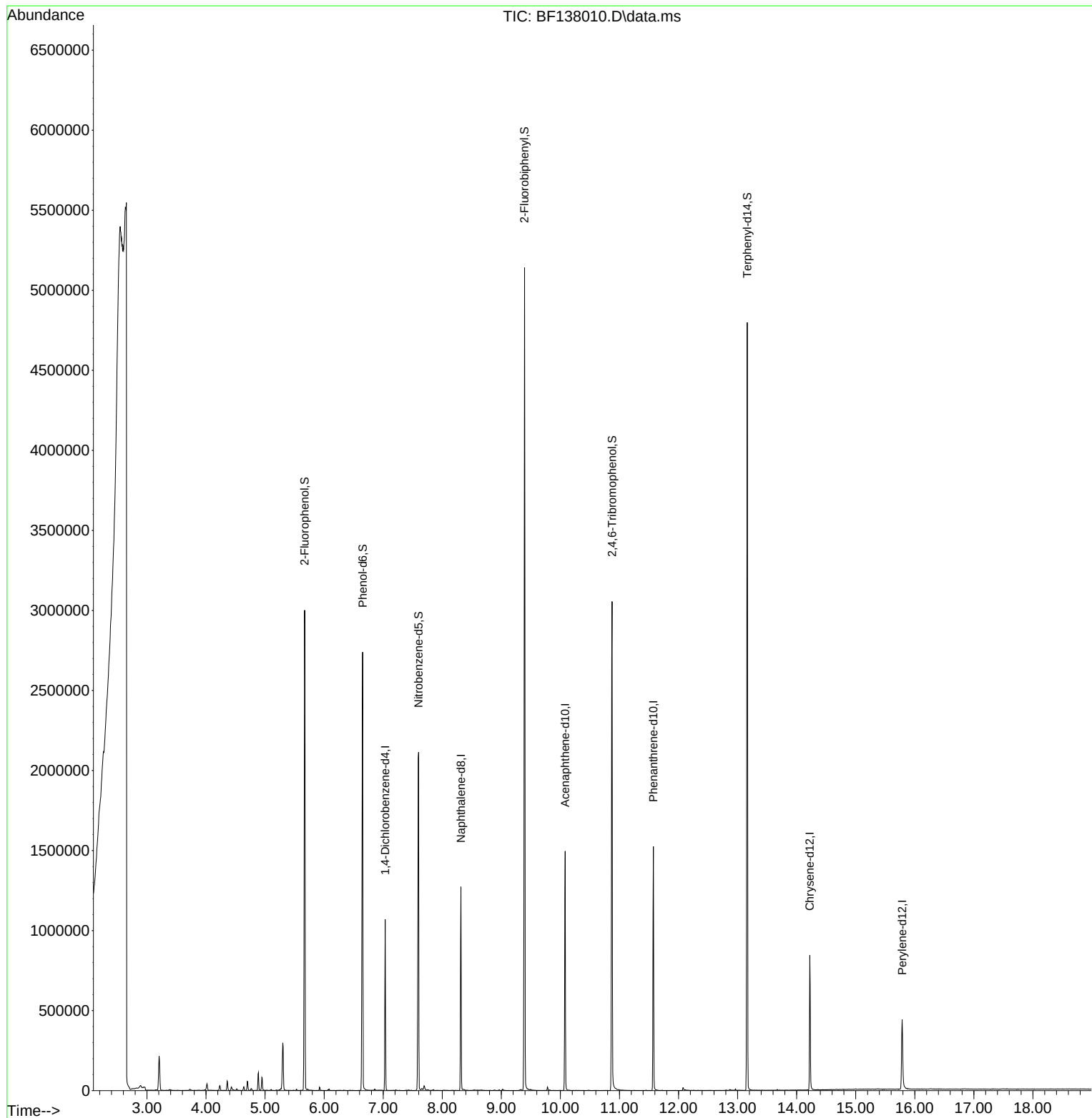
Target Compounds	Qvalue

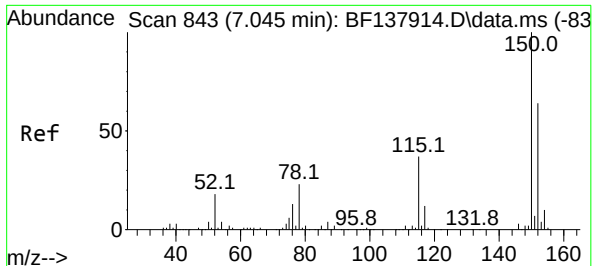
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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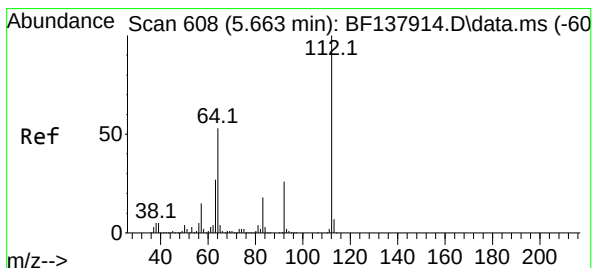
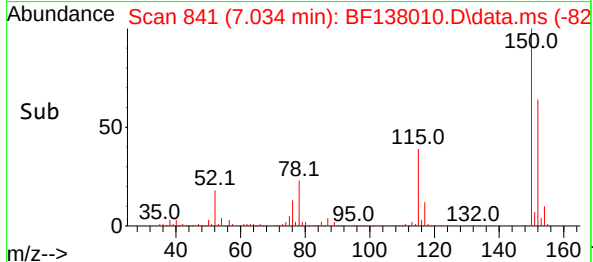
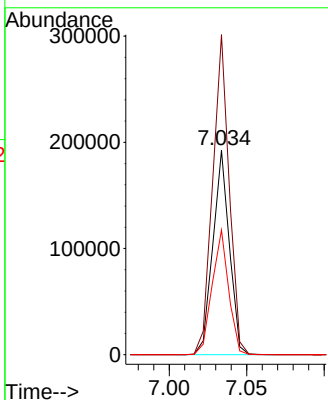
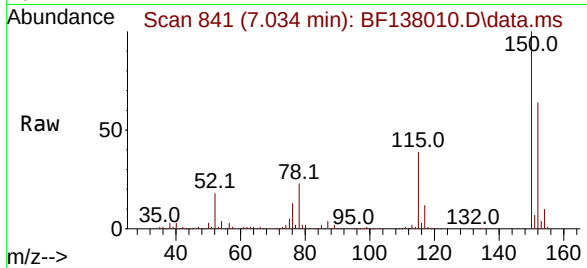




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.011 min
Lab File: BF138010.D
Acq: 22 May 2024 17:52

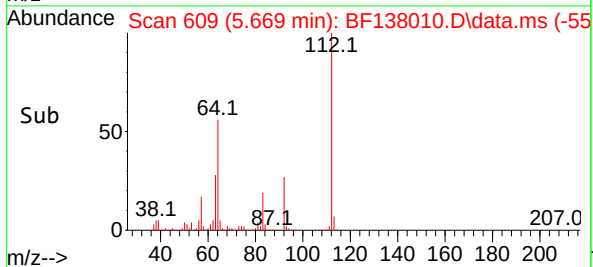
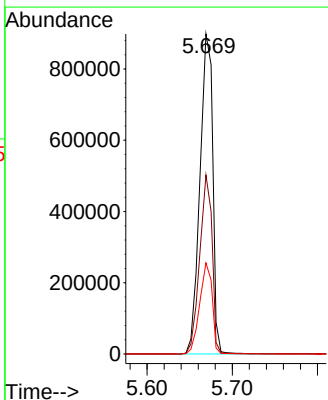
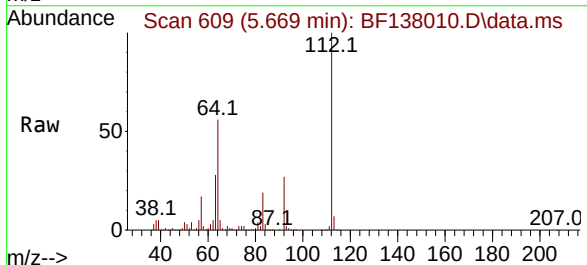
Instrument :
BNA_F
ClientSampleId :
WCS-TPQ

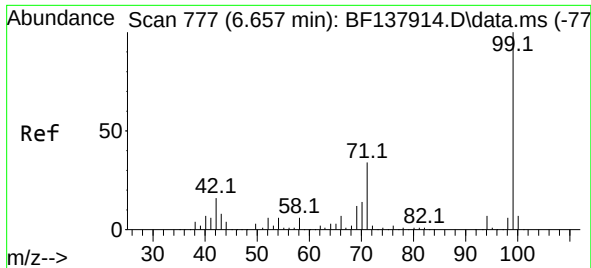
Tgt Ion:152 Resp: 142280
Ion Ratio Lower Upper
152 100
150 156.6 125.7 188.5
115 61.0 47.0 70.6



#5
2-Fluorophenol
Concen: 112.060 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF138010.D
Acq: 22 May 2024 17:52

Tgt Ion:112 Resp: 938626
Ion Ratio Lower Upper
112 100
64 55.9 42.4 63.6
63 28.5 21.4 32.2



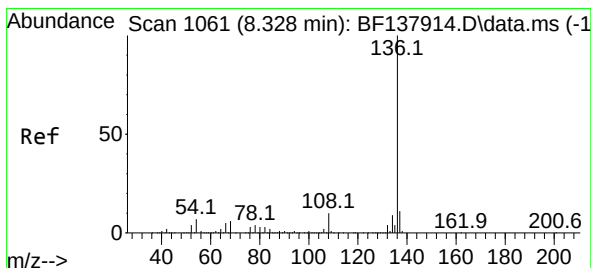
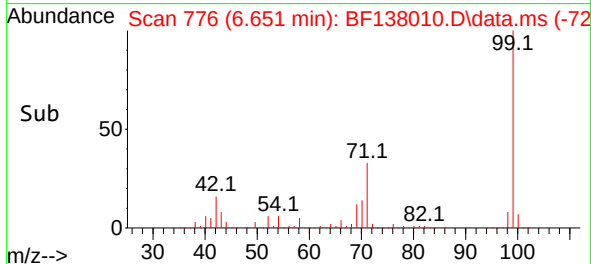
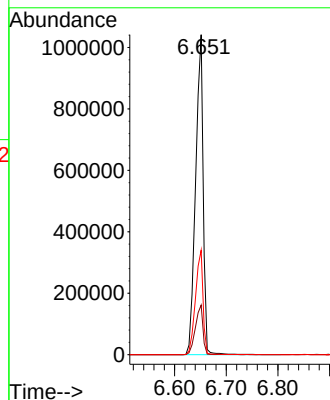
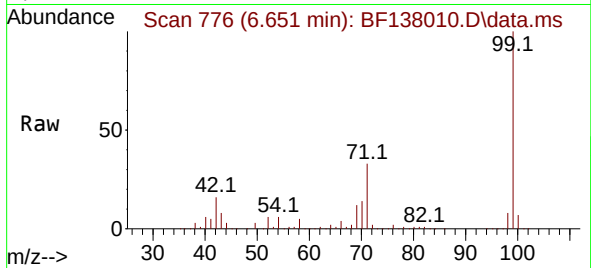


#7
Phenol-d6
Concen: 102.717 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138010.D
Acq: 22 May 2024 17:52

Instrument :
BNA_F
ClientSampleId :
WCS-TPQ

Tgt Ion: 99 Resp: 1059831

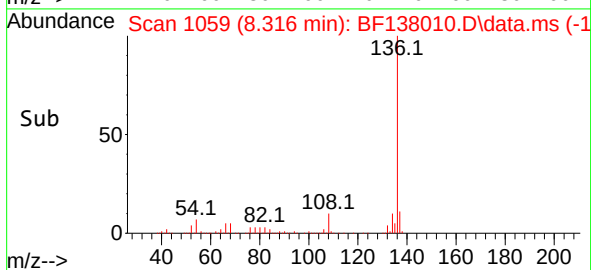
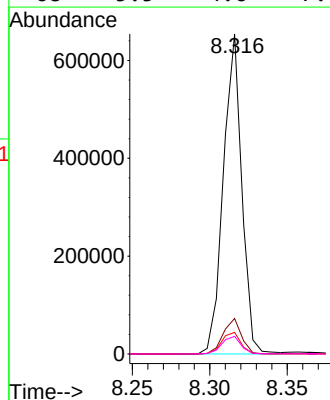
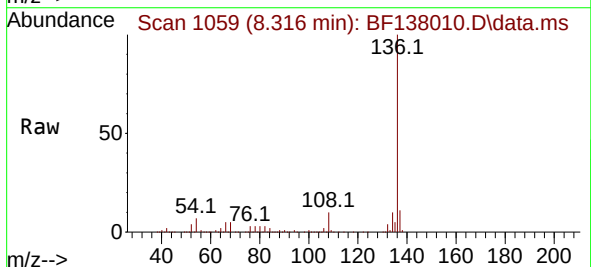
Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.6	18.8
71	32.7	27.1	40.7

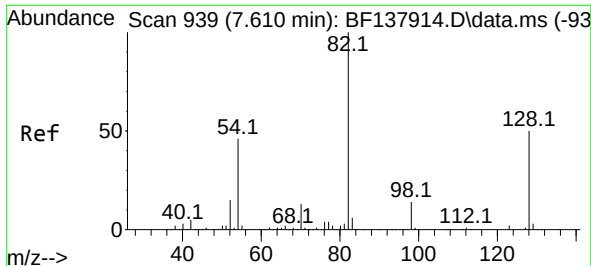


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138010.D
Acq: 22 May 2024 17:52

Tgt Ion: 136 Resp: 541192

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.8	5.4	8.2
68	5.5	4.6	7.0





#23

Nitrobenzene-d5

Concen: 83.296 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138010.D

Acq: 22 May 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WCS-TPQ

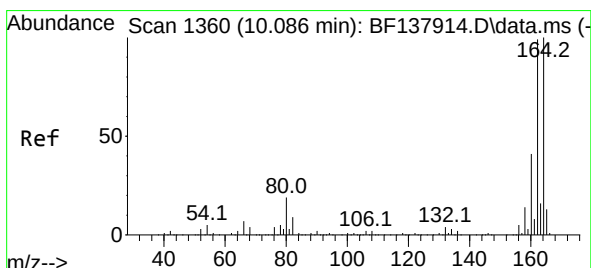
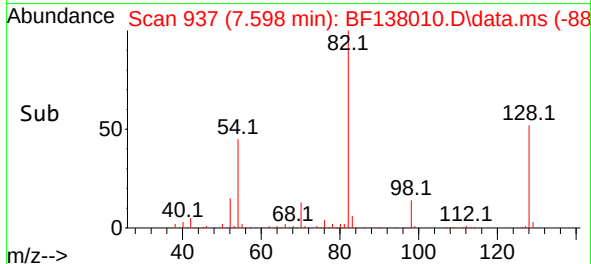
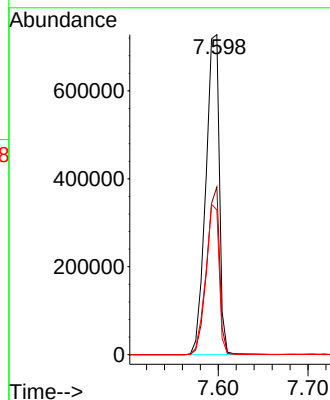
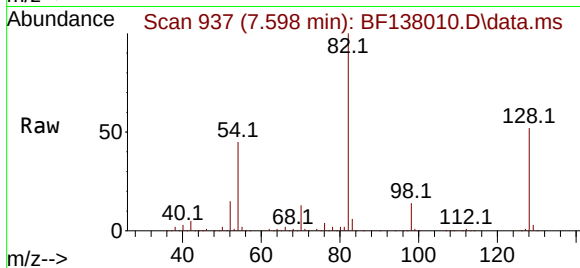
Tgt Ion: 82 Resp: 765991

Ion Ratio Lower Upper

82 100

128 52.4 40.3 60.5

54 45.3 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: BF138010.D

Acq: 22 May 2024 17:52

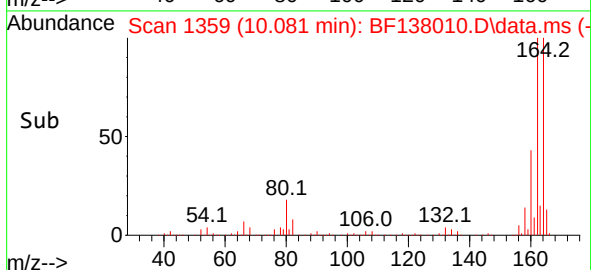
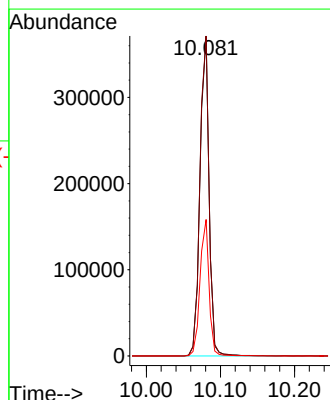
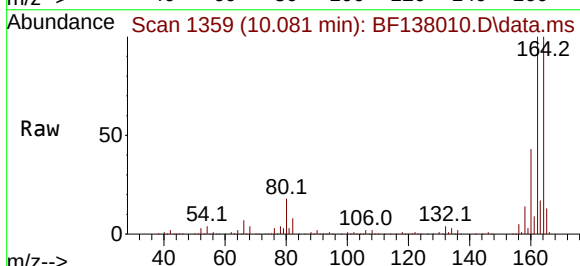
Tgt Ion:164 Resp: 314698

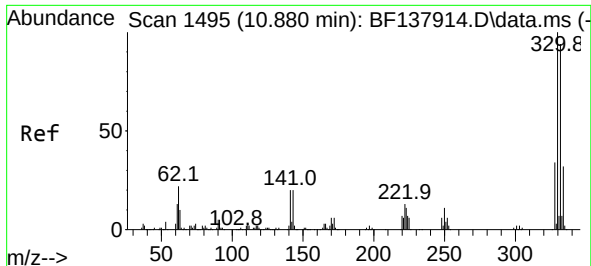
Ion Ratio Lower Upper

164 100

162 100.0 79.4 119.2

160 42.7 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 137.158 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF138010.D

Acq: 22 May 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WCS-TPQ

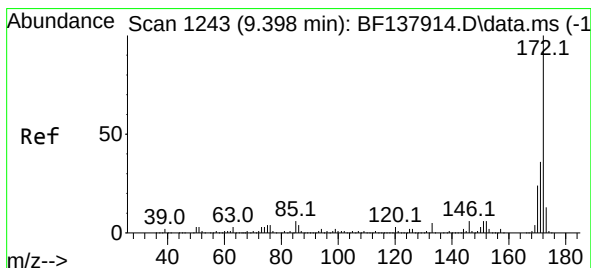
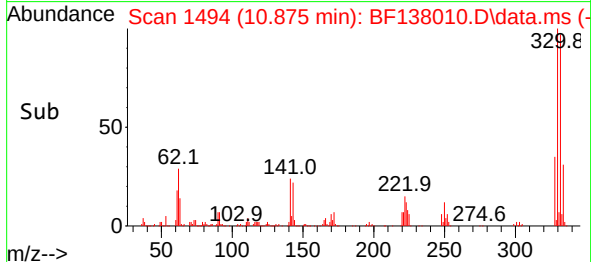
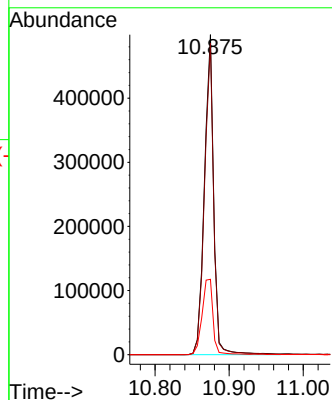
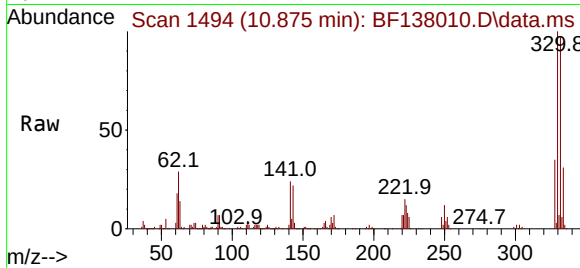
Tgt Ion:330 Resp: 435214

Ion Ratio Lower Upper

330 100

332 96.5 75.8 113.8

141 28.0 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 81.240 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF138010.D

Acq: 22 May 2024 17:52

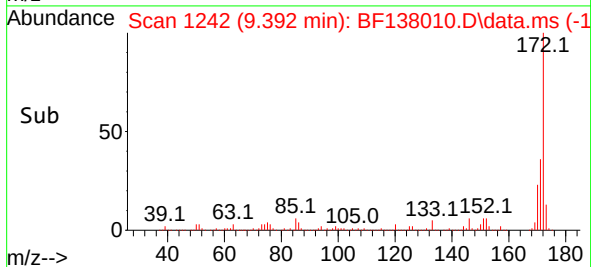
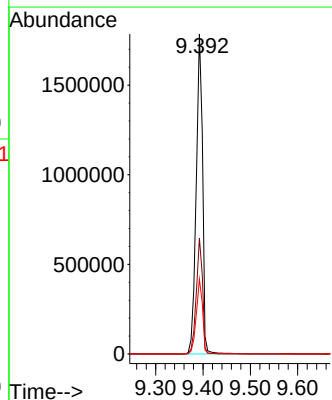
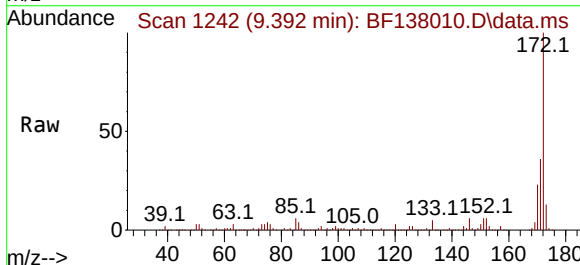
Tgt Ion:172 Resp: 1659717

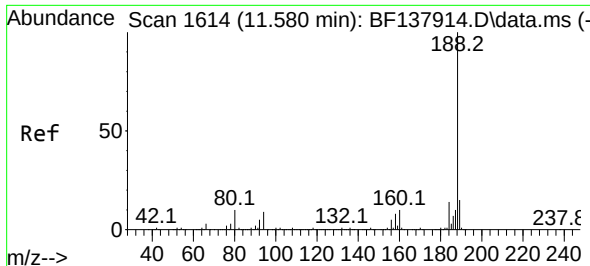
Ion Ratio Lower Upper

172 100

171 36.2 28.9 43.3

170 23.4 18.9 28.3

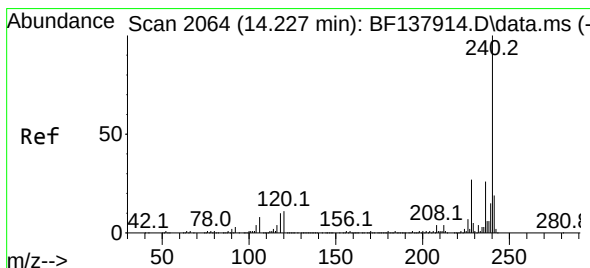
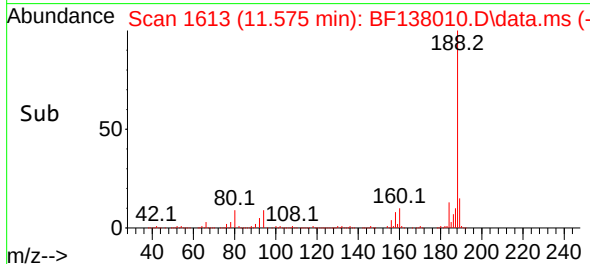
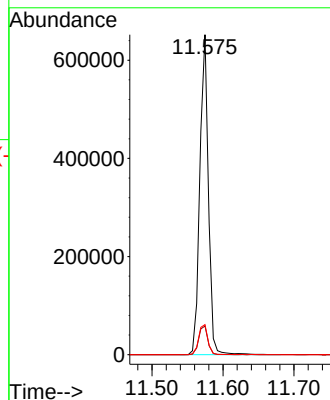
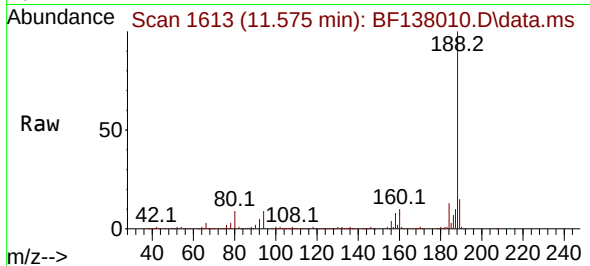




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138010.D
Acq: 22 May 2024 17:52

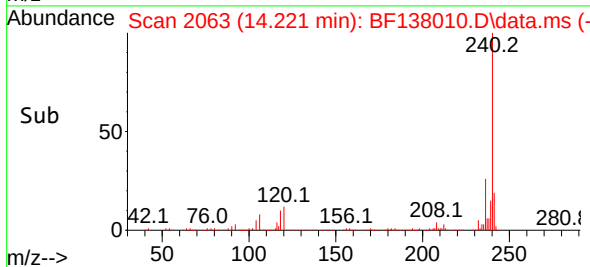
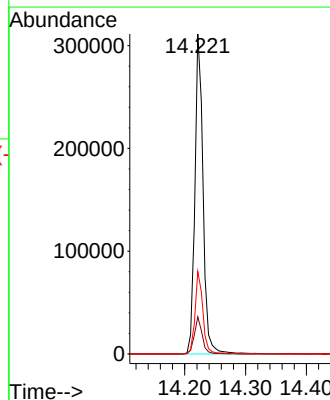
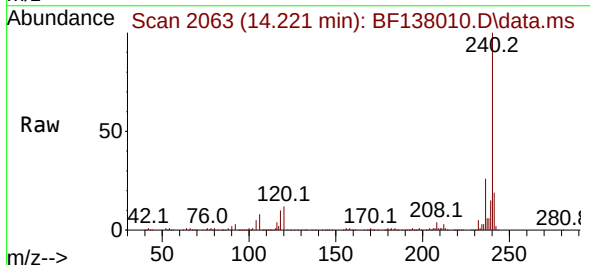
Instrument :
BNA_F
ClientSampleId :
WCS-TPQ

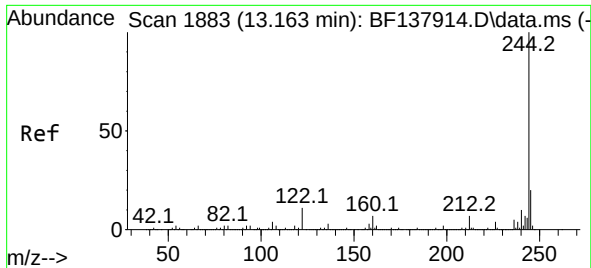
Tgt Ion:188 Resp: 547817
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 9.4 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF138010.D
Acq: 22 May 2024 17:52

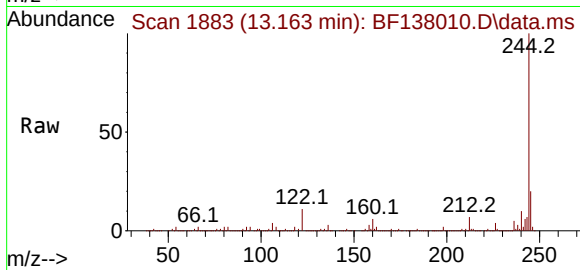
Tgt Ion:240 Resp: 291273
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.8 21.0 31.4





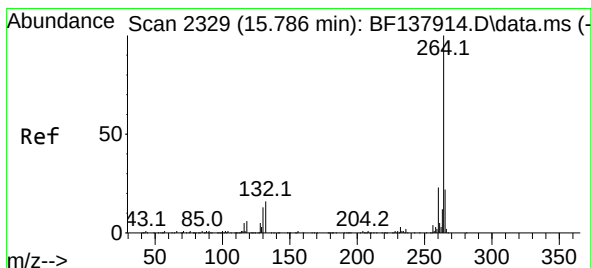
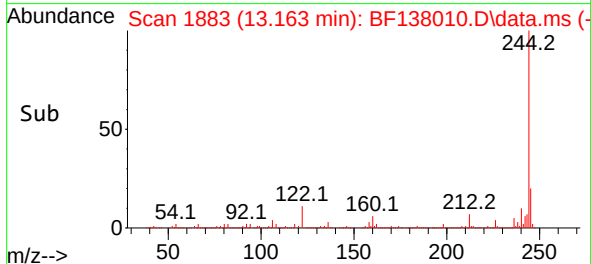
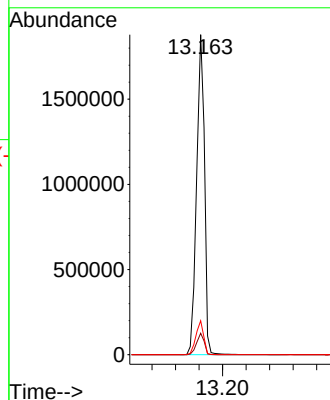
#79
 Terphenyl-d14
 Concen: 88.704 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: BF138010.D
 Acq: 22 May 2024 17:52

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPQ



Tgt Ion:244 Resp: 1753088

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	10.6	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: BF138010.D
 Acq: 22 May 2024 17:52

Tgt Ion:264 Resp: 244440

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	21.2	17.6	26.4

