

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
 Data File : BF138076.D
 Acq On : 30 May 2024 15:26
 Operator : CG\JU
 Sample : P2637-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPT

Quant Time: May 30 15:54:50 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	92898	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	353621	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	210956	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	341896	20.000	ng	0.00
76) Chrysene-d12	14.239	240	136618	20.000	ng	0.01
86) Perylene-d12	15.821	264	69192	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	687188	125.653	ng	0.02
7) Phenol-d6	6.663	99	729500	108.285	ng	0.00
23) Nitrobenzene-d5	7.598	82	546991	91.032	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	322117	151.437	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1259889	91.996	ng	0.00
79) Terphenyl-d14	13.168	244	1166394	125.828	ng	0.00

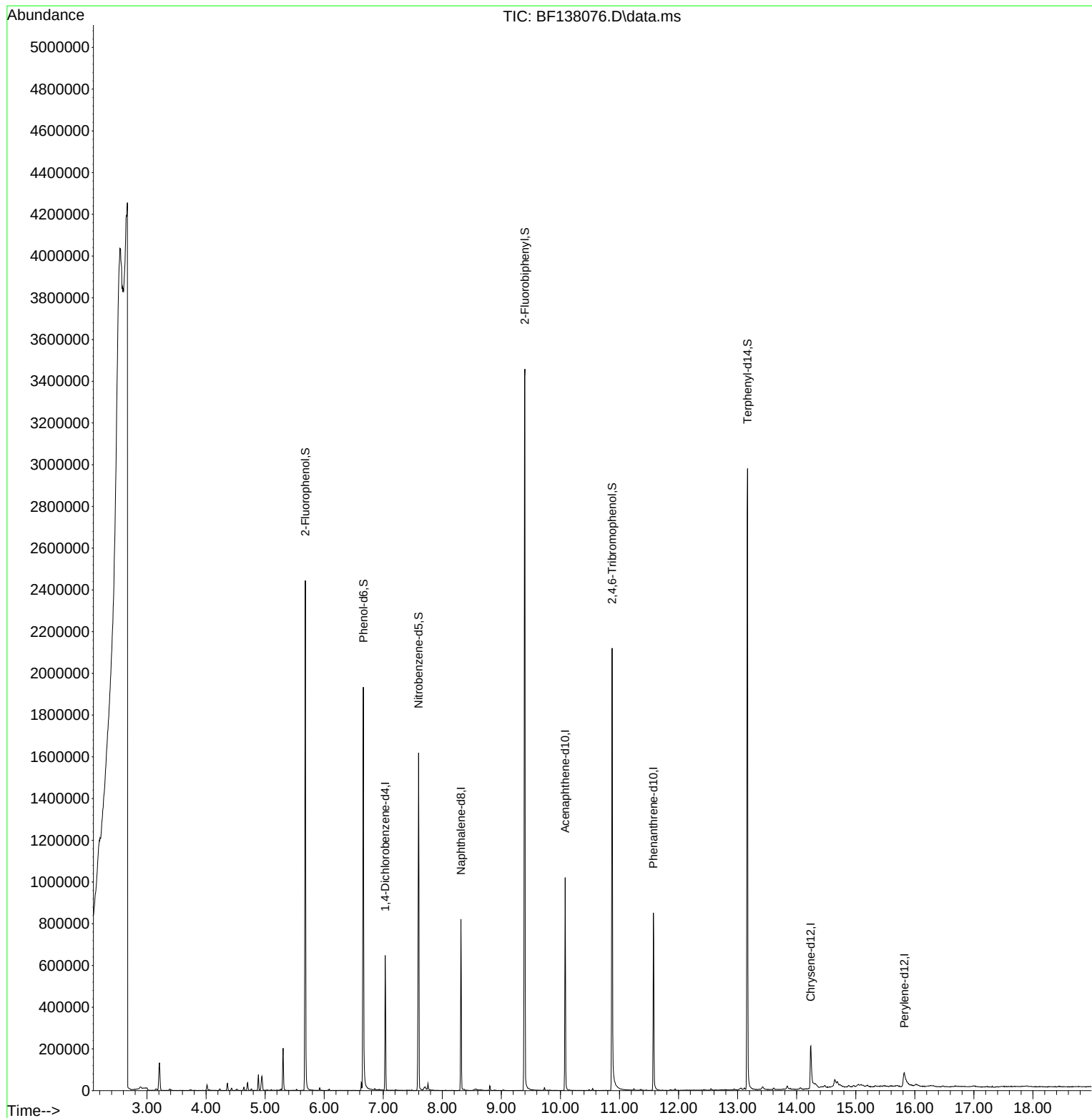
Target Compounds	Qvalue

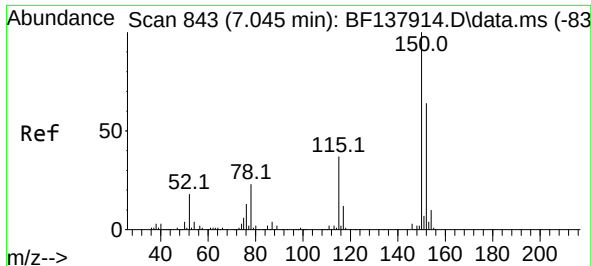
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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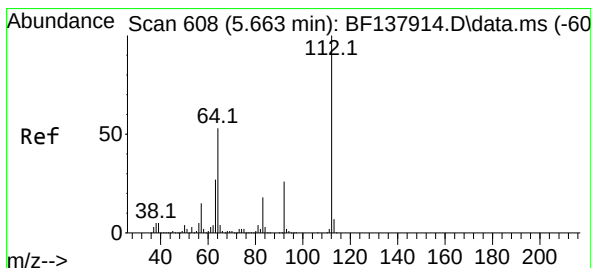
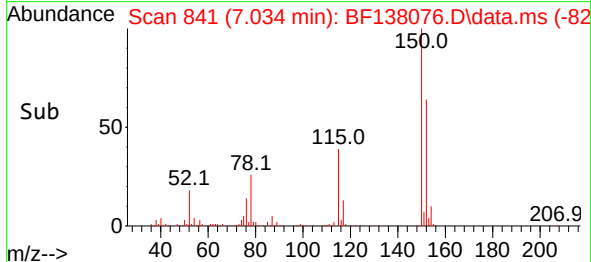
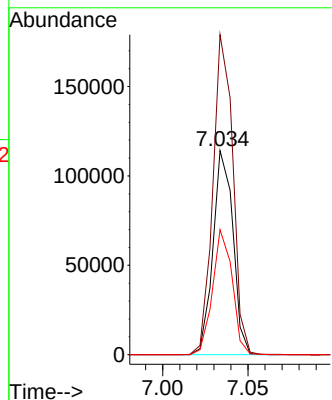
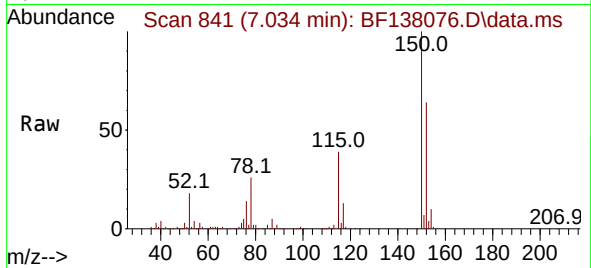




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.034 min Scan# 84
 Delta R.T. -0.011 min
 Lab File: BF138076.D
 Acq: 30 May 2024 15:26

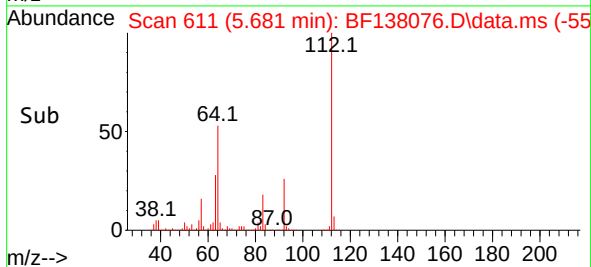
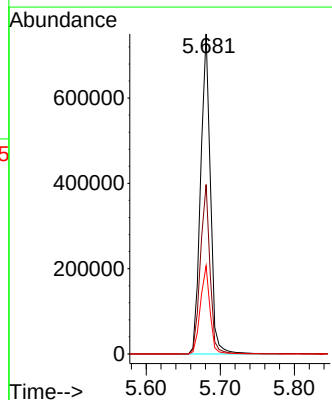
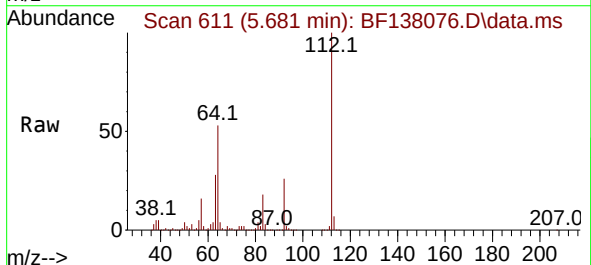
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPT

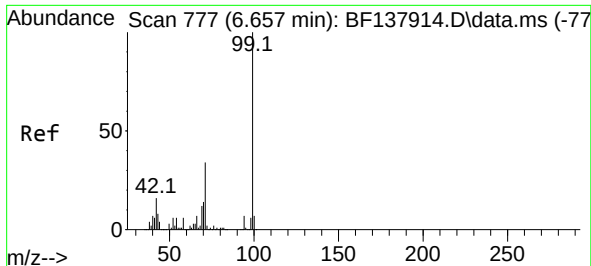
Tgt Ion:152 Resp: 92898
 Ion Ratio Lower Upper
 152 100
 150 156.8 125.7 188.5
 115 61.2 47.0 70.6



#5
 2-Fluorophenol
 Concen: 125.653 ng
 RT: 5.681 min Scan# 611
 Delta R.T. 0.018 min
 Lab File: BF138076.D
 Acq: 30 May 2024 15:26

Tgt Ion:112 Resp: 687188
 Ion Ratio Lower Upper
 112 100
 64 53.0 42.4 63.6
 63 27.6 21.4 32.2

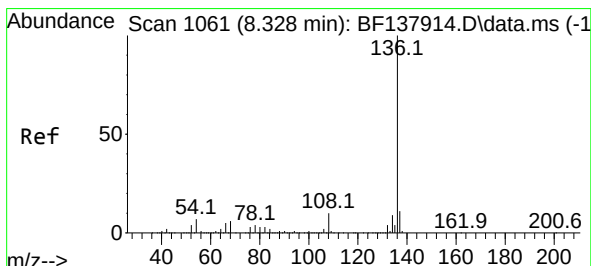
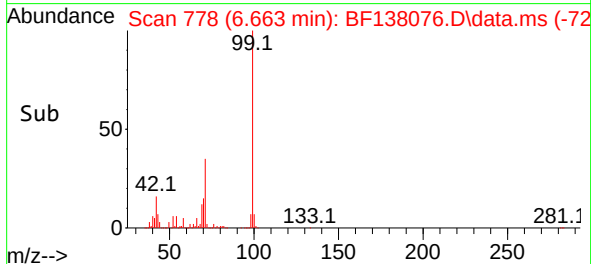
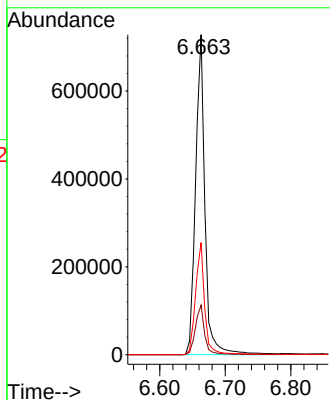
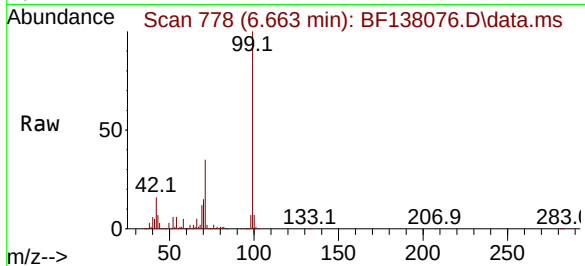




#7
Phenol-d6
Concen: 108.285 ng
RT: 6.663 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF138076.D
Acq: 30 May 2024 15:26

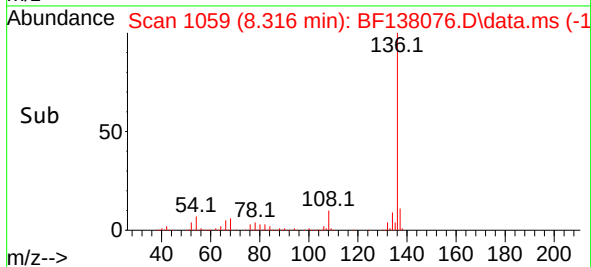
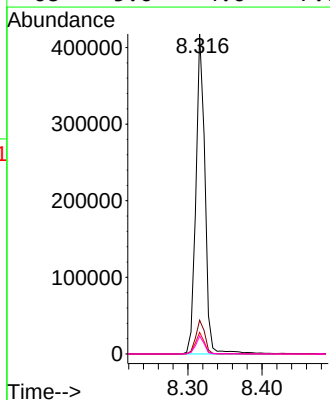
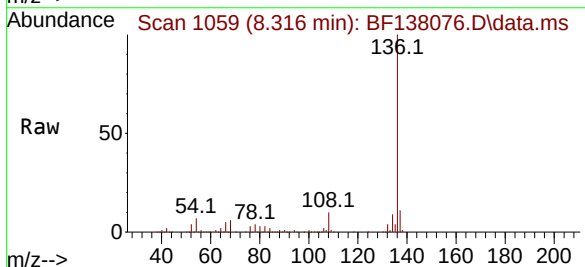
Instrument :
BNA_F
ClientSampleId :
WCS-TPT

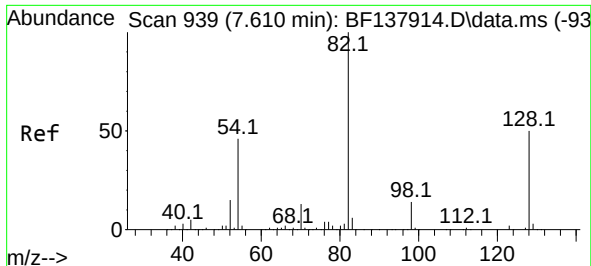
Tgt Ion: 99 Resp: 729500
Ion Ratio Lower Upper
99 100
42 15.5 12.6 18.8
71 35.1 27.1 40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138076.D
Acq: 30 May 2024 15:26

Tgt Ion: 136 Resp: 353621
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 6.8 5.4 8.2
68 5.6 4.6 7.0





#23

Nitrobenzene-d5

Concen: 91.032 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138076.D

Acq: 30 May 2024 15:26

Instrument :

BNA_F

ClientSampleId :

WCS-TPT

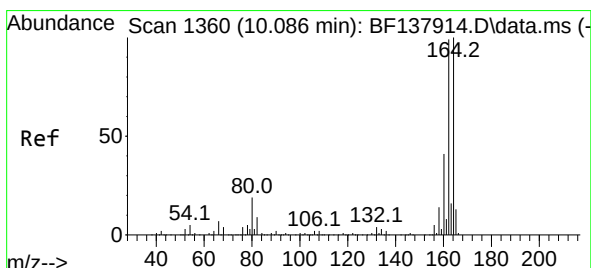
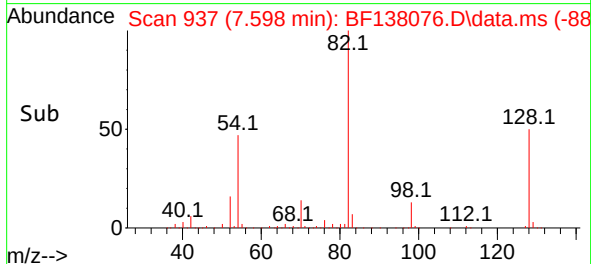
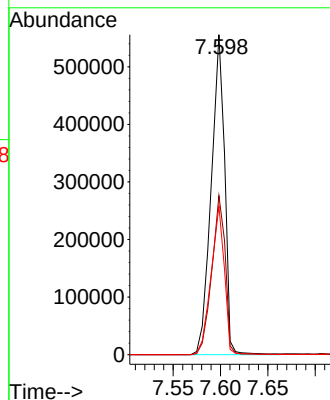
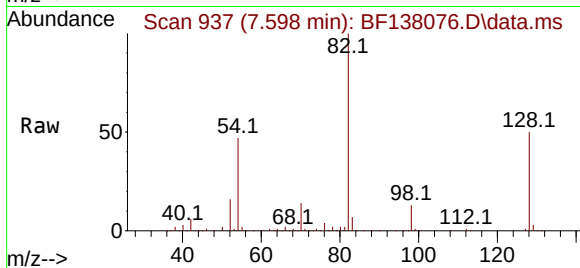
Tgt Ion: 82 Resp: 546991

Ion Ratio Lower Upper

82 100

128 49.7 40.3 60.5

54 46.5 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: BF138076.D

Acq: 30 May 2024 15:26

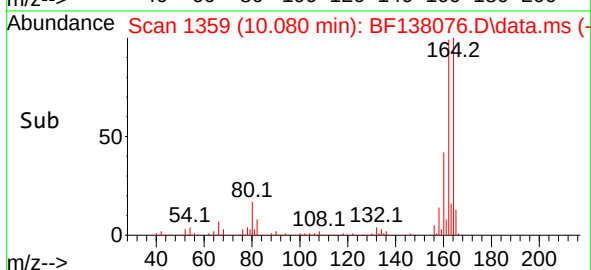
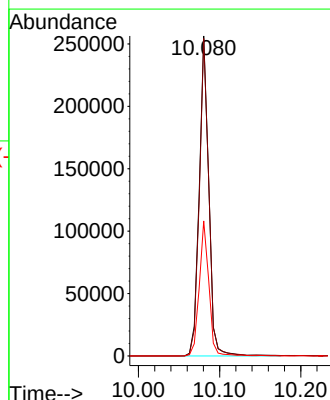
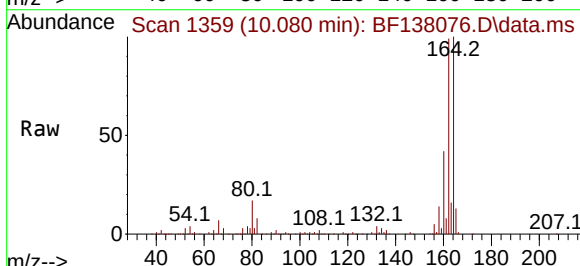
Tgt Ion:164 Resp: 210956

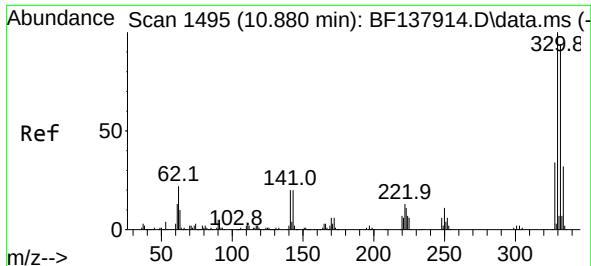
Ion Ratio Lower Upper

164 100

162 99.2 79.4 119.2

160 42.2 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 151.437 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF138076.D

Acq: 30 May 2024 15:26

Instrument :

BNA_F

ClientSampleId :

WCS-TPT

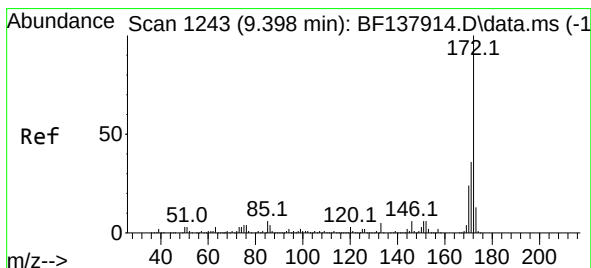
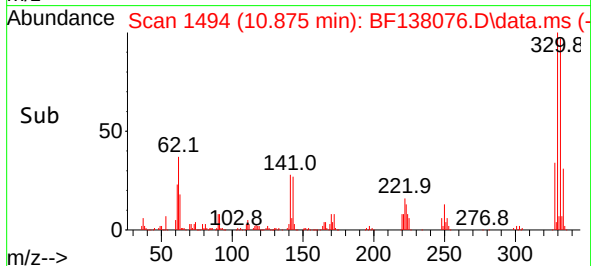
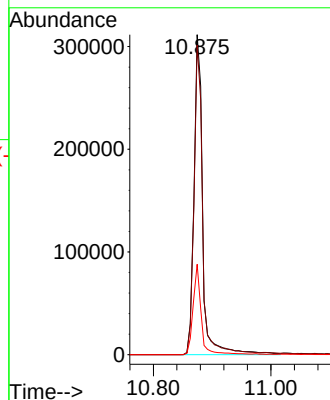
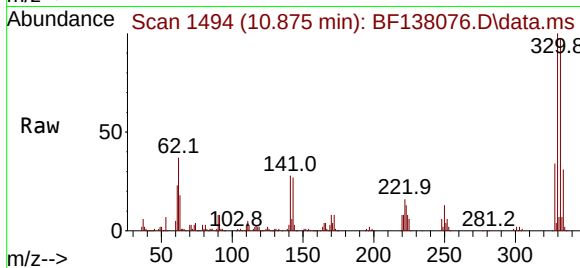
Tgt Ion:330 Resp: 322117

Ion Ratio Lower Upper

330 100

332 95.3 75.8 113.8

141 26.1 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 91.996 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF138076.D

Acq: 30 May 2024 15:26

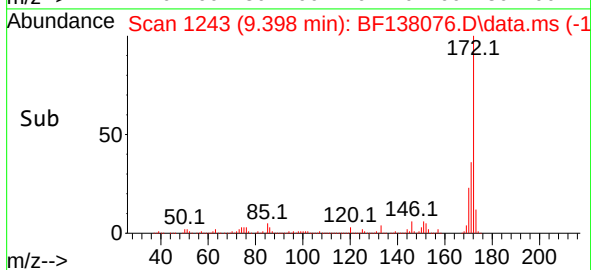
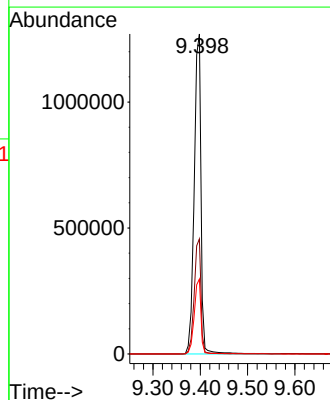
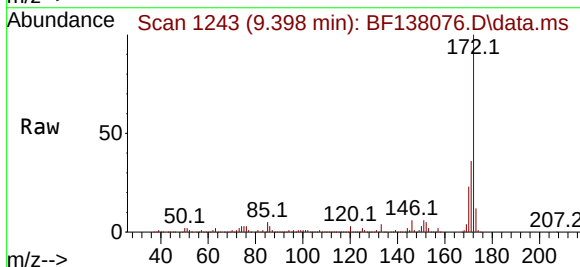
Tgt Ion:172 Resp: 1259889

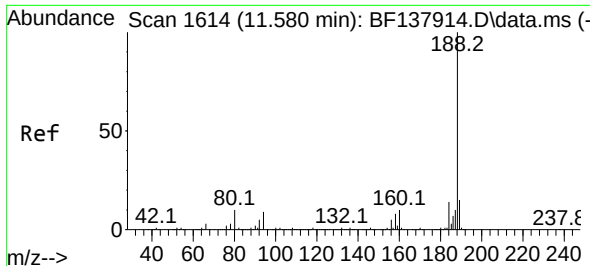
Ion Ratio Lower Upper

172 100

171 36.0 28.9 43.3

170 23.4 18.9 28.3

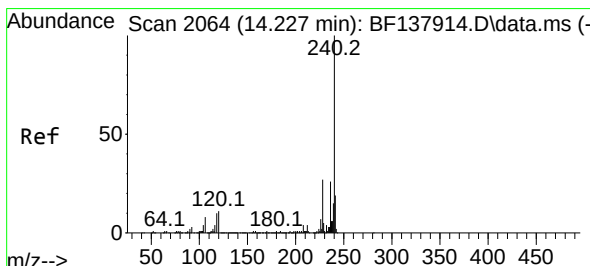
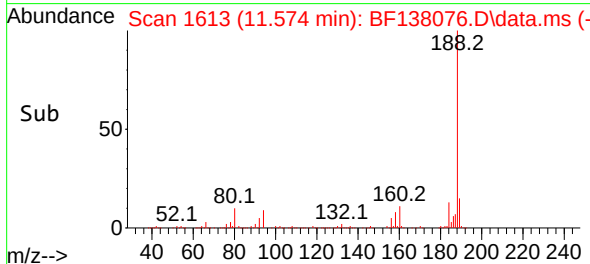
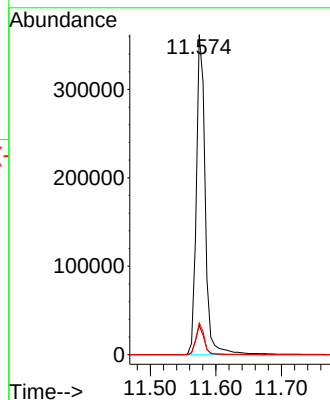
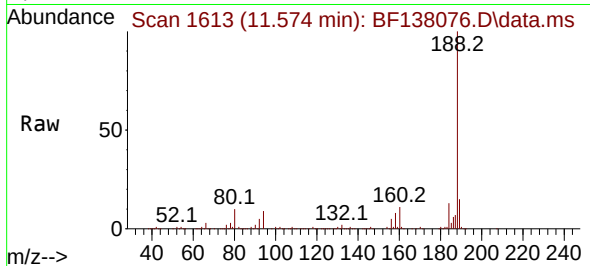




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138076.D
Acq: 30 May 2024 15:26

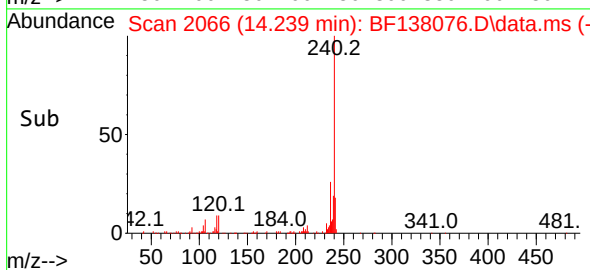
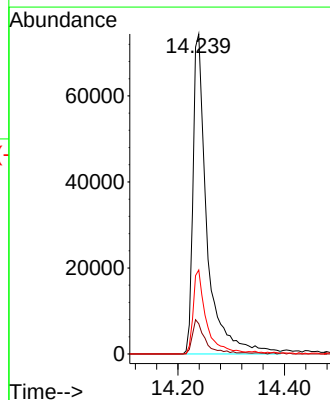
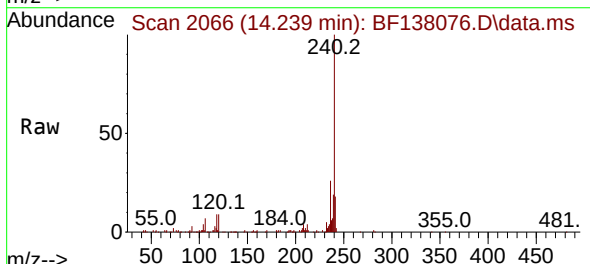
Instrument :
BNA_F
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WCS-TPT

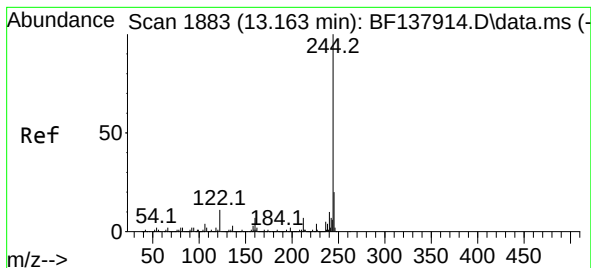
Tgt Ion:188 Resp: 341896
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 9.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.239 min Scan# 2066
Delta R.T. 0.012 min
Lab File: BF138076.D
Acq: 30 May 2024 15:26

Tgt Ion:240 Resp: 136618
Ion Ratio Lower Upper
240 100
120 9.4 8.9 13.3
236 26.2 21.0 31.4





#79

Terphenyl-d14

Concen: 125.828 ng

RT: 13.168 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138076.D

Acq: 30 May 2024 15:26

Instrument :

BNA_F

ClientSampleId :

WCS-TPT

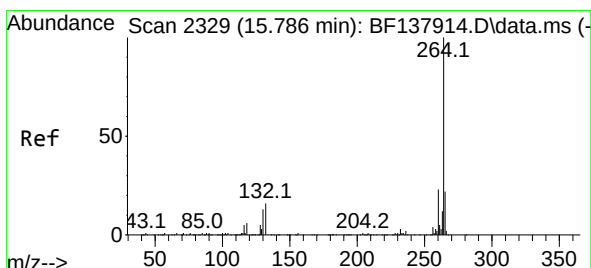
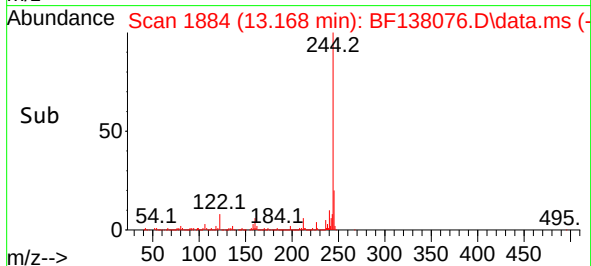
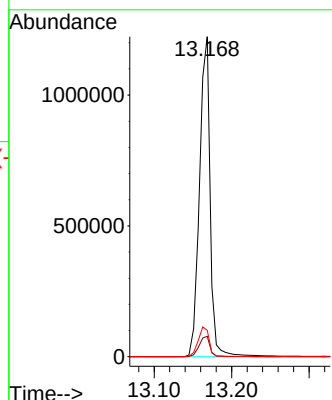
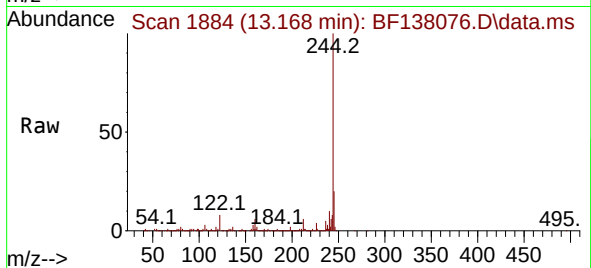
Tgt Ion:244 Resp: 1166394

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

122 8.3 8.8 13.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.821 min Scan# 2335

Delta R.T. 0.035 min

Lab File: BF138076.D

Acq: 30 May 2024 15:26

Tgt Ion:264 Resp: 69192

Ion Ratio Lower Upper

264 100

260 26.0 18.3 27.5

265 18.3 17.6 26.4

