

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
 Data File : BF130427.D
 Acq On : 27 Sep 2022 16:15
 Operator : CG\JU
 Sample : N4763-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-GW

Quant Time: Sep 27 18:42:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 27 01:00:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.640	152	101811	20.000	ng	-0.01
21) Naphthalene-d8	7.922	136	410345	20.000	ng	-0.02
39) Acenaphthene-d10	9.675	164	224667	20.000	ng	-0.01
64) Phenanthrene-d10	11.151	188	389384	20.000	ng	-0.02
76) Chrysene-d12	13.786	240	274269	20.000	ng	#-0.02
86) Perylene-d12	15.168	264	217951	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	333448	56.807	ng	0.00
7) Phenol-d6	6.275	99	246399	33.548	ng	-0.02
23) Nitrobenzene-d5	7.210	82	643831	80.158	ng	-0.01
42) 2,4,6-Tribromophenol	10.463	330	341818	158.783	ng	-0.02
45) 2-Fluorobiphenyl	9.004	172	1277542	82.805	ng	-0.01
79) Terphenyl-d14	12.745	244	1493452	90.199	ng	-0.01

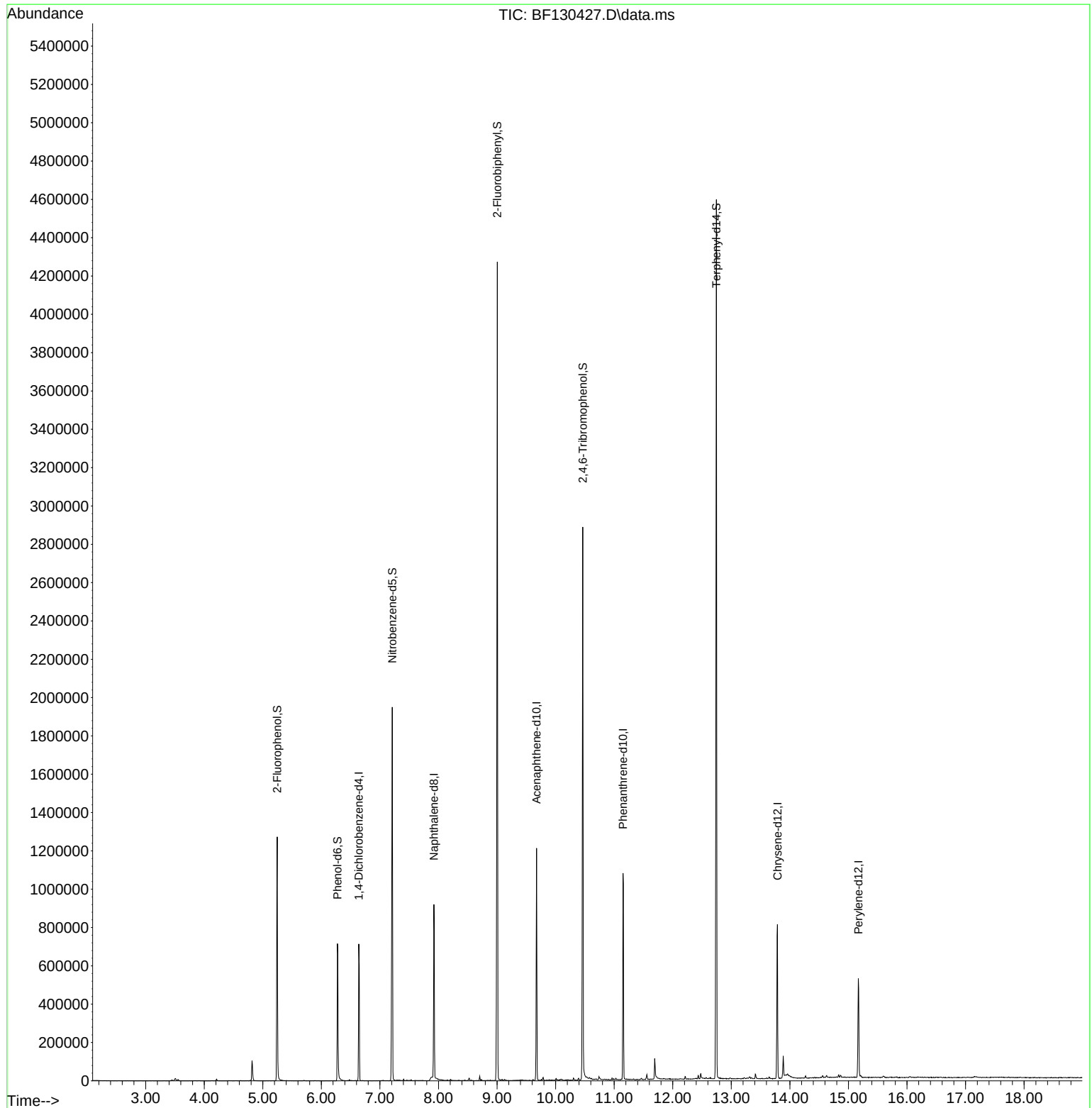
Target Compounds Qvalue

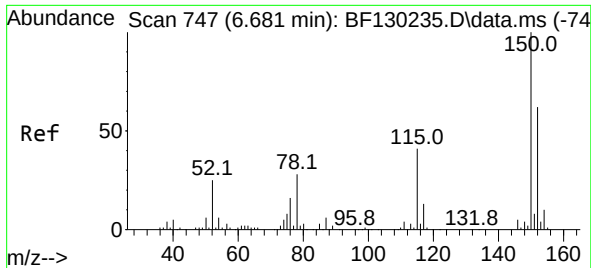
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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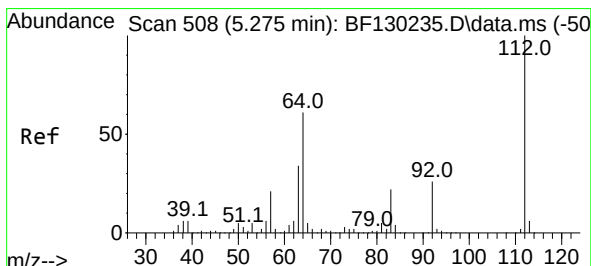
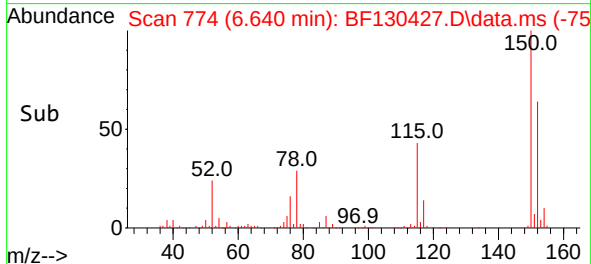
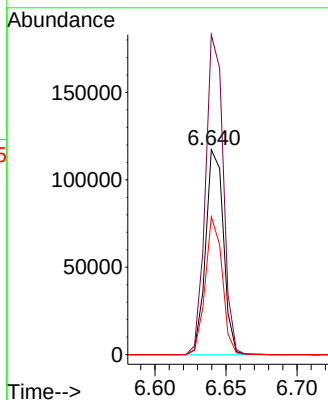
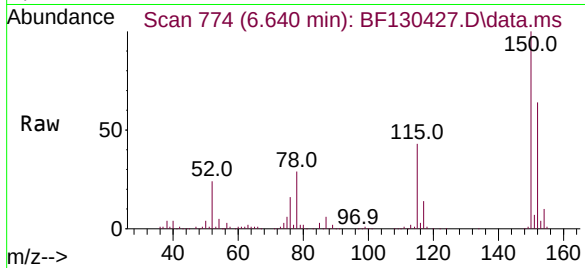




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.640 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF130427.D
 Acq: 27 Sep 2022 16:15

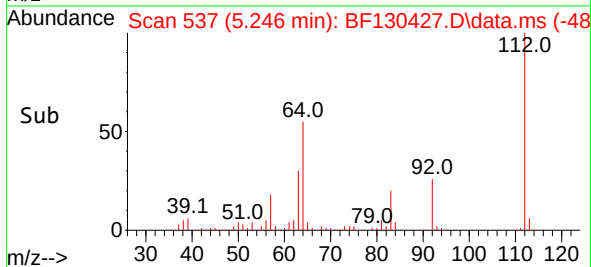
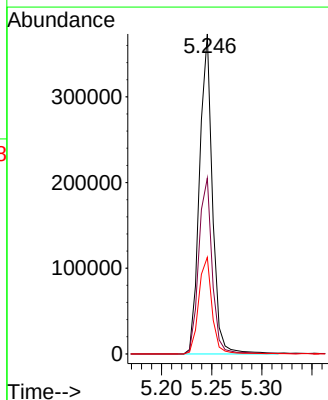
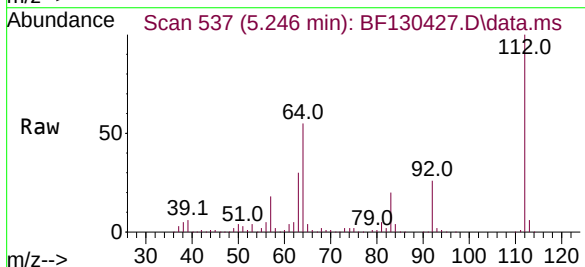
Instrument :
 BNA_F
 ClientSampleId :
 WC-GW

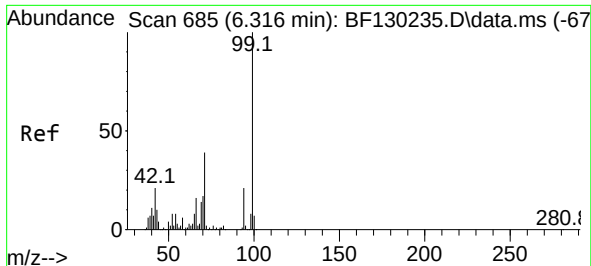
Tgt Ion:152 Resp: 101811
 Ion Ratio Lower Upper
 152 100
 150 156.2 122.8 184.2
 115 67.3 53.8 80.8



#5
 2-Fluorophenol
 Concen: 56.807 ng
 RT: 5.246 min Scan# 537
 Delta R.T. 0.000 min
 Lab File: BF130427.D
 Acq: 27 Sep 2022 16:15

Tgt Ion:112 Resp: 333448
 Ion Ratio Lower Upper
 112 100
 64 54.9 51.4 77.0
 63 30.2 28.8 43.2

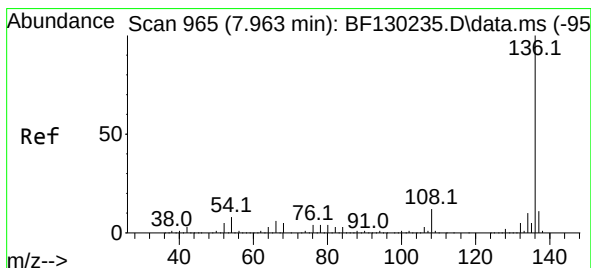
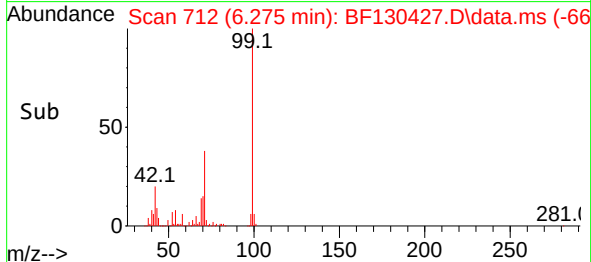
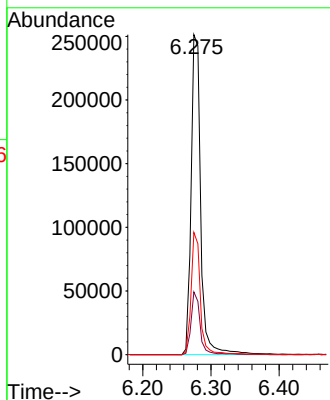
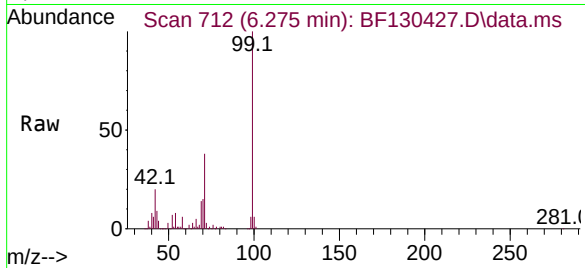




#7
Phenol-d6
Concen: 33.548 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF130427.D
Acq: 27 Sep 2022 16:15

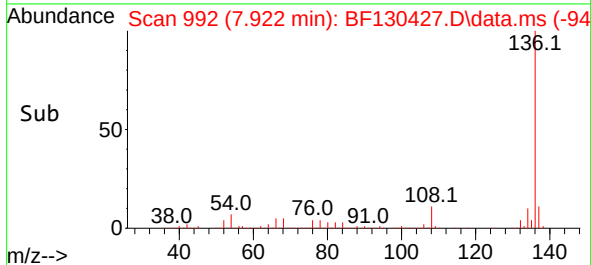
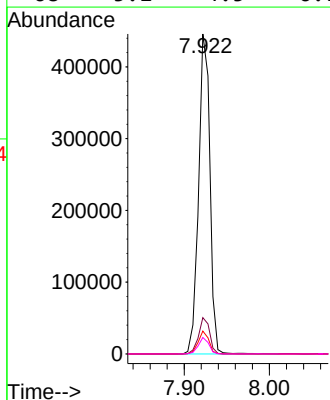
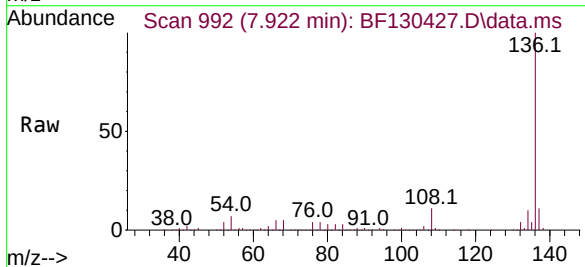
Instrument :
BNA_F
ClientSampleId :
WC-GW

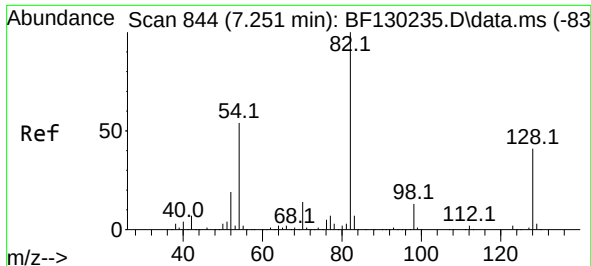
Tgt Ion: 99 Resp: 246399
Ion Ratio Lower Upper
99 100
42 19.6 17.0 25.6
71 38.2 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.018 min
Lab File: BF130427.D
Acq: 27 Sep 2022 16:15

Tgt Ion: 136 Resp: 410345
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.1 7.1 10.7
68 5.1 4.5 6.7

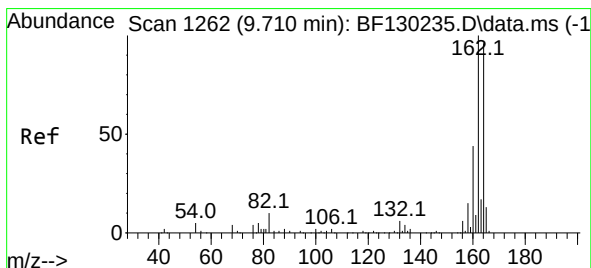
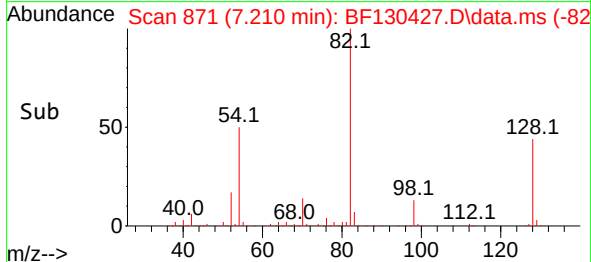
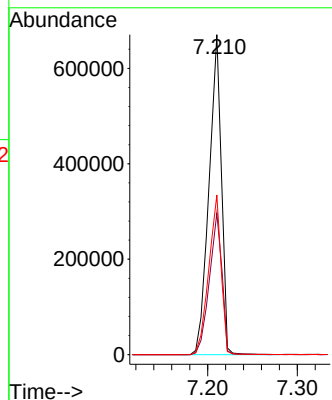
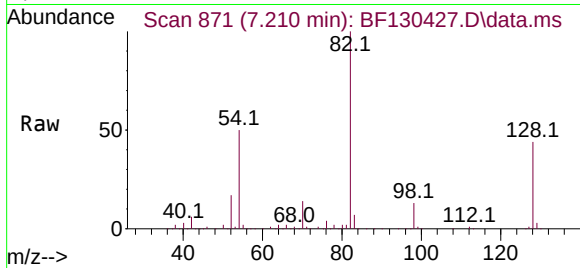




#23
Nitrobenzene-d5
Concen: 80.158 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF130427.D
Acq: 27 Sep 2022 16:15

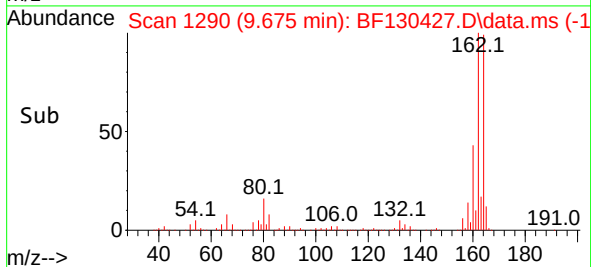
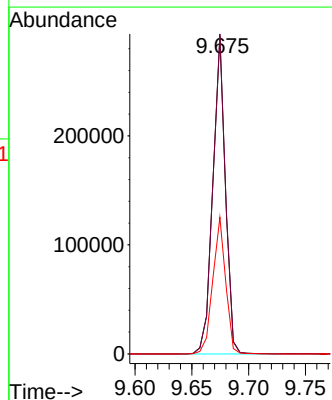
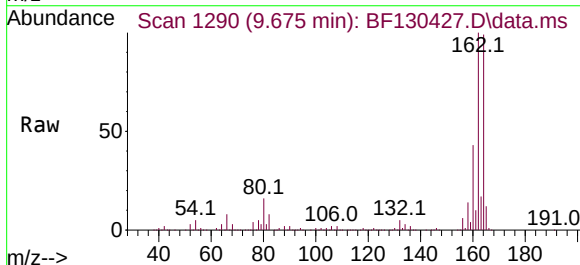
Instrument :
BNA_F
ClientSampleId :
WC-GW

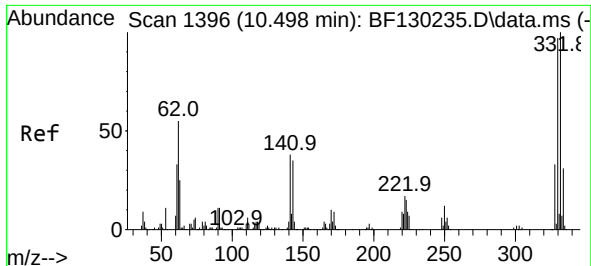
Tgt Ion: 82 Resp: 643831
Ion Ratio Lower Upper
82 100
128 44.3 32.6 49.0
54 49.9 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BF130427.D
Acq: 27 Sep 2022 16:15

Tgt Ion:164 Resp: 224667
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.0
160 43.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 158.783 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.018 min

Lab File: BF130427.D

Acq: 27 Sep 2022 16:15

Instrument :

BNA_F

ClientSampleId :

WC-GW

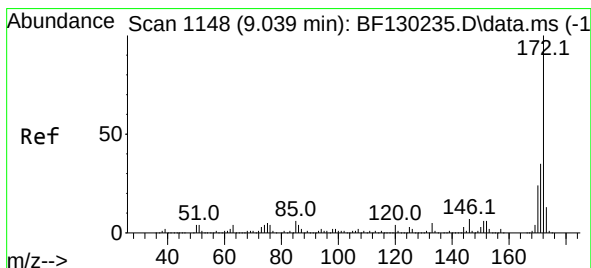
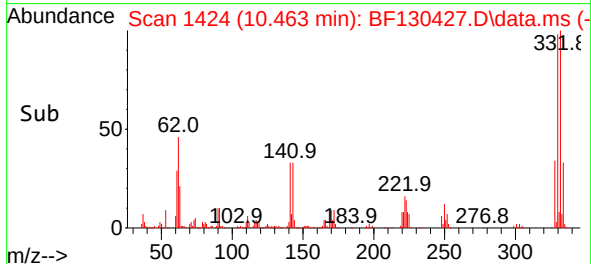
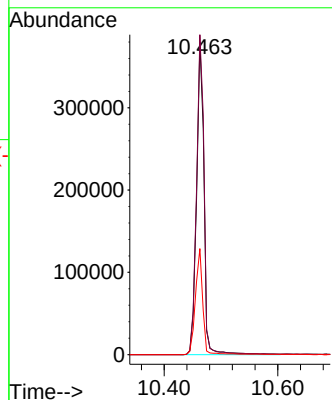
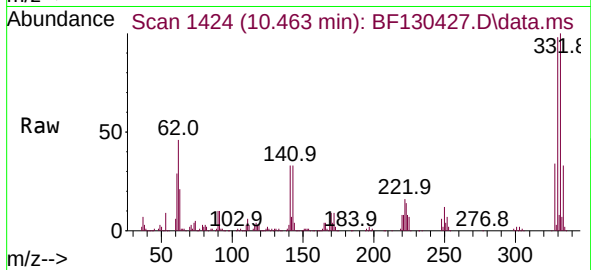
Tgt Ion:330 Resp: 341818

Ion Ratio Lower Upper

330 100

332 104.6 83.4 125.2

141 33.4 34.0 51.0#



#45

2-Fluorobiphenyl

Concen: 82.805 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.012 min

Lab File: BF130427.D

Acq: 27 Sep 2022 16:15

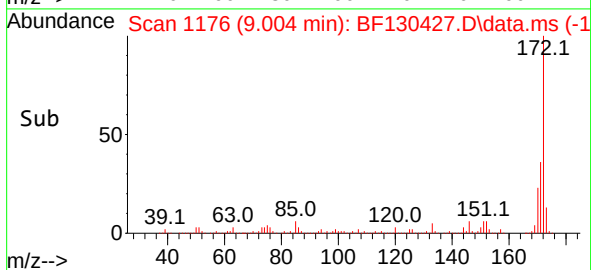
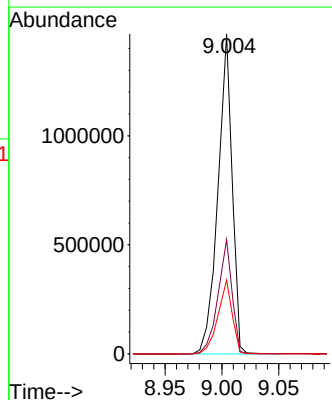
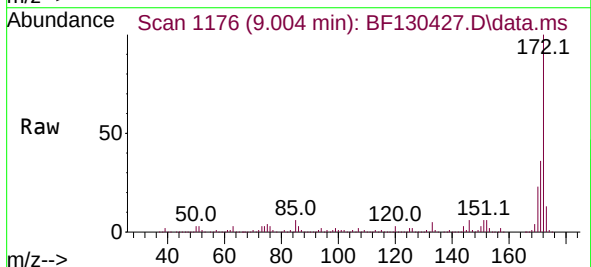
Tgt Ion:172 Resp: 1277542

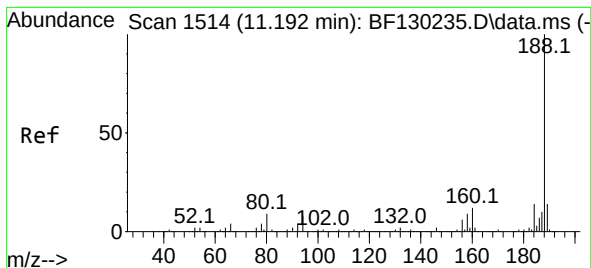
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.1 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.151 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF130427.D

Acq: 27 Sep 2022 16:15

Instrument :

BNA_F

ClientSampleId :

WC-GW

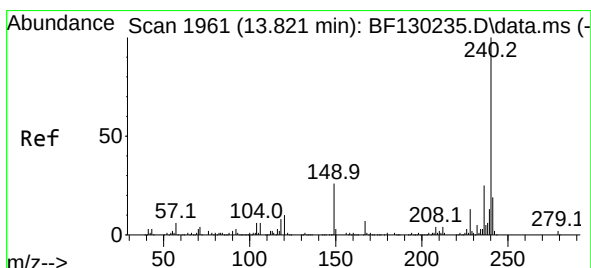
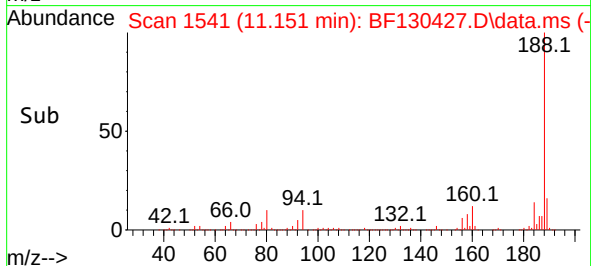
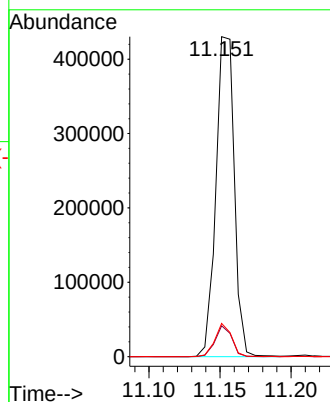
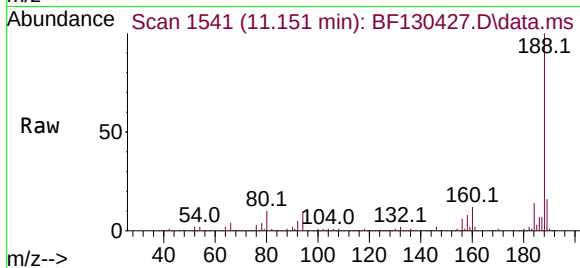
Tgt Ion:188 Resp: 389384

Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.2

80 10.4 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.786 min Scan# 1989

Delta R.T. -0.018 min

Lab File: BF130427.D

Acq: 27 Sep 2022 16:15

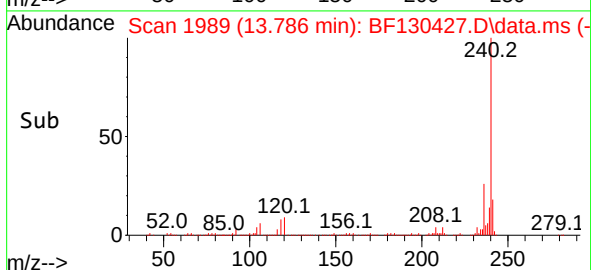
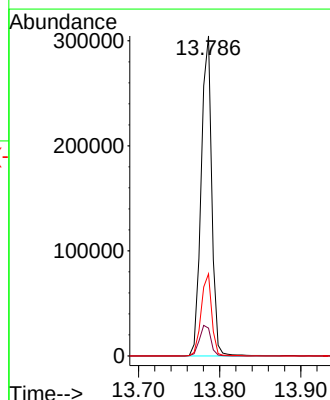
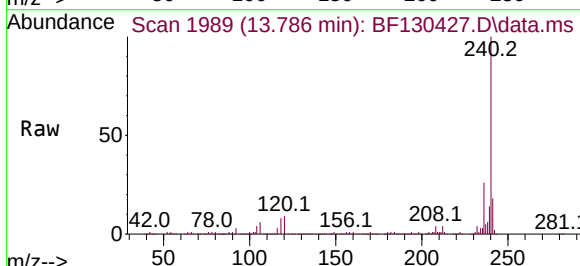
Tgt Ion:240 Resp: 274269

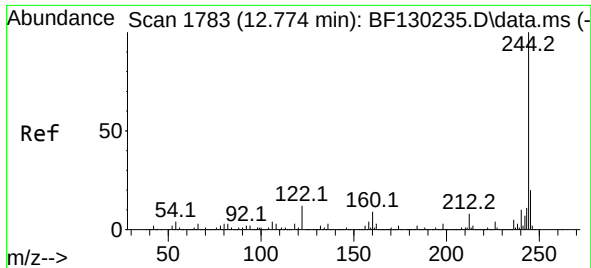
Ion Ratio Lower Upper

240 100

120 8.7 8.7 13.1#

236 25.6 20.9 31.3

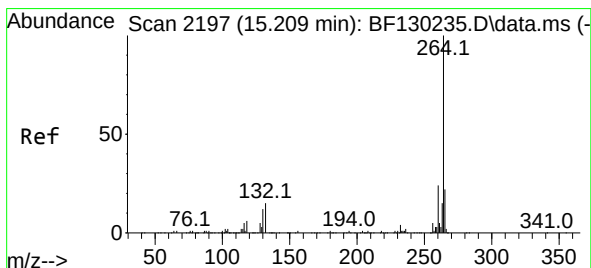
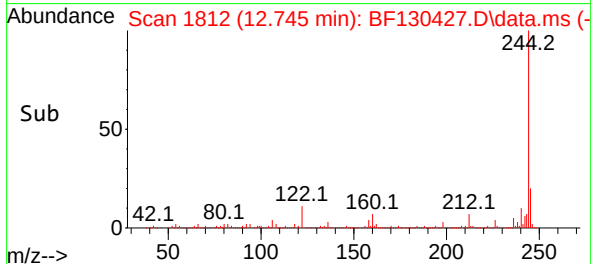
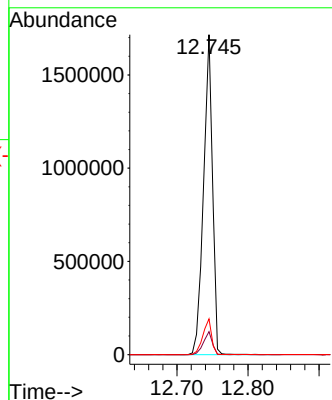
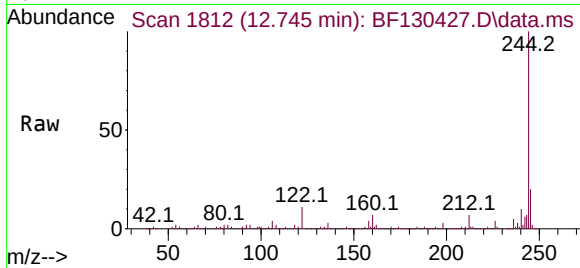




#79
 Terphenyl-d14
 Concen: 90.199 ng
 RT: 12.745 min Scan# 1812
 Delta R.T. -0.012 min
 Lab File: BF130427.D
 Acq: 27 Sep 2022 16:15

Instrument :
 BNA_F
 ClientSampleId :
 WC-GW

Tgt Ion:244 Resp: 1493452
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.2 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.168 min Scan# 2224
 Delta R.T. -0.024 min
 Lab File: BF130427.D
 Acq: 27 Sep 2022 16:15

Tgt Ion:264 Resp: 217951
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.3 28.9
 265 22.2 17.0 25.4

