

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131403.D
 Acq On : 25 Nov 2022 19:15
 Operator : CG\JU
 Sample : N5741-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

Quant Time: Nov 26 00:11:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 23:13:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	88965	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	324786	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	183111	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	330364	20.000	ng	-0.01
76) Chrysene-d12	14.162	240	203061	20.000	ng	-0.01
86) Perylene-d12	15.698	264	176897	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	310993	66.530	ng	0.00
7) Phenol-d6	6.563	99	244485	40.993	ng	-0.02
23) Nitrobenzene-d5	7.522	82	527776	81.914	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	228179	148.118	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	953494	75.755	ng	0.00
79) Terphenyl-d14	13.104	244	1061823	85.509	ng	0.00

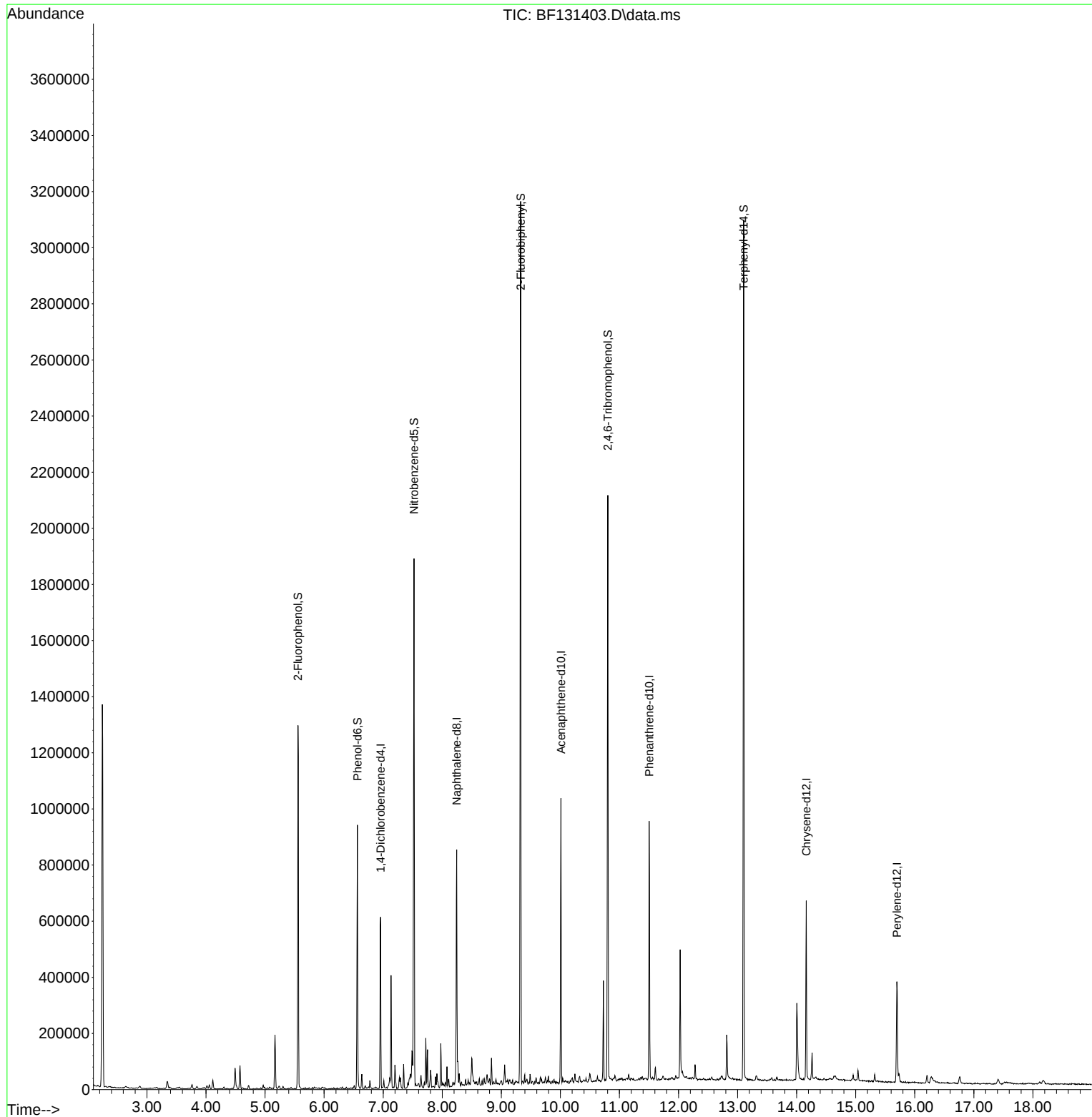
Target Compounds	Qvalue

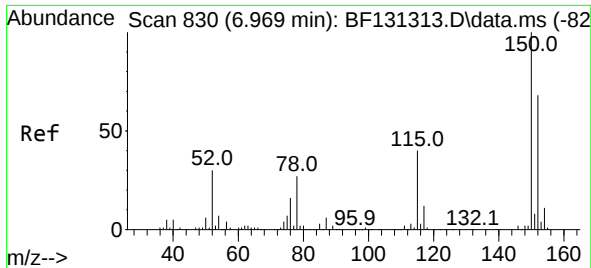
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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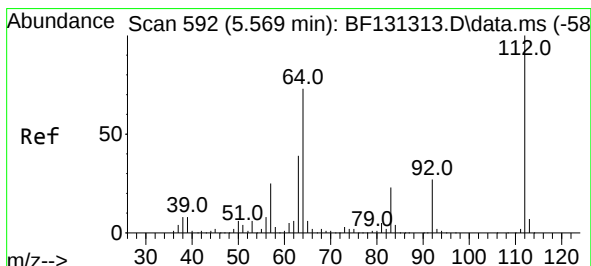
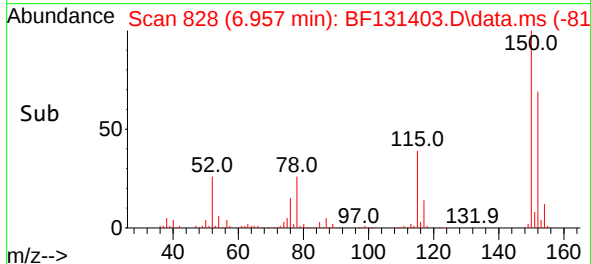
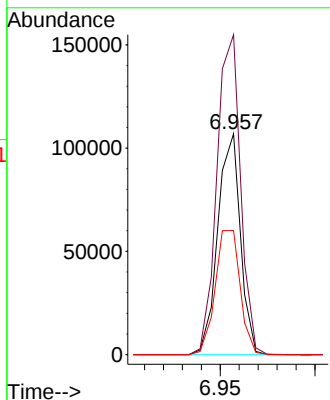
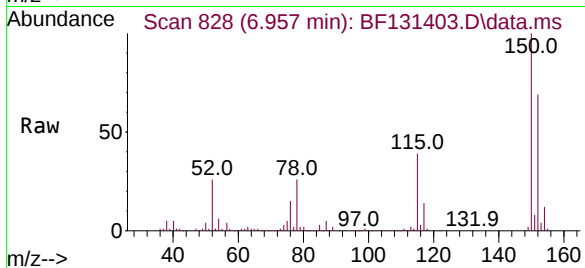




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131403.D
Acq: 25 Nov 2022 19:15

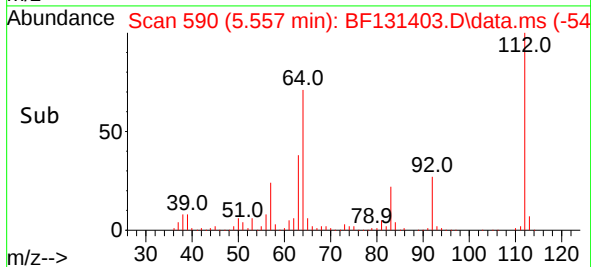
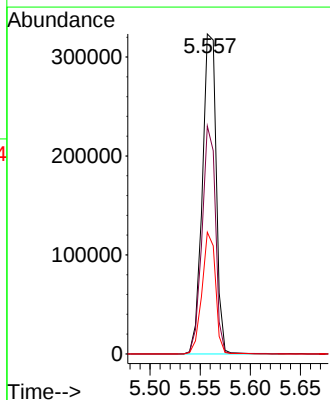
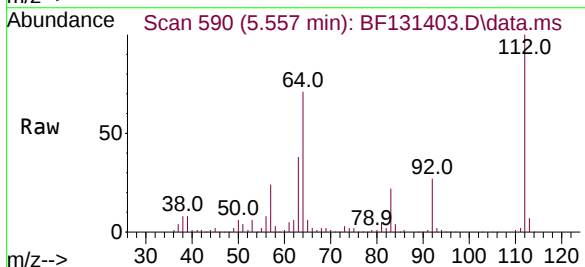
Instrument :
BNA_F
ClientSampleId :
MW-22

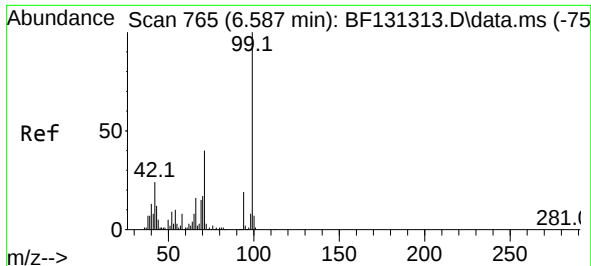
Tgt Ion:152 Resp: 88965
Ion Ratio Lower Upper
152 100
150 144.8 117.8 176.8
115 56.2 47.1 70.7



#5
2-Fluorophenol
Concen: 66.530 ng
RT: 5.557 min Scan# 590
Delta R.T. -0.006 min
Lab File: BF131403.D
Acq: 25 Nov 2022 19:15

Tgt Ion:112 Resp: 310993
Ion Ratio Lower Upper
112 100
64 71.2 58.6 88.0
63 38.0 31.4 47.0

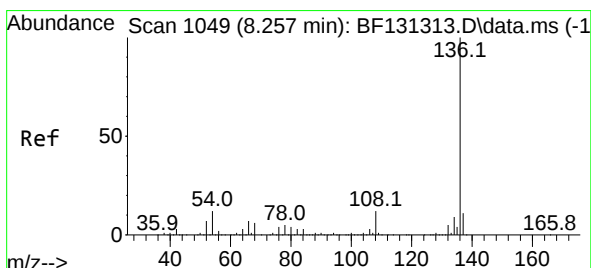
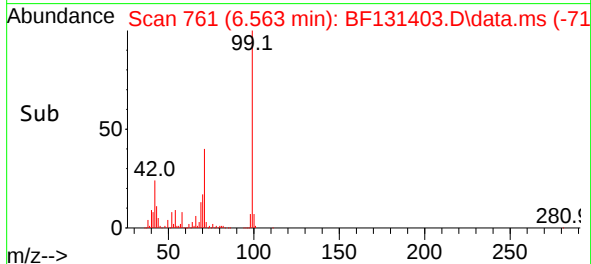
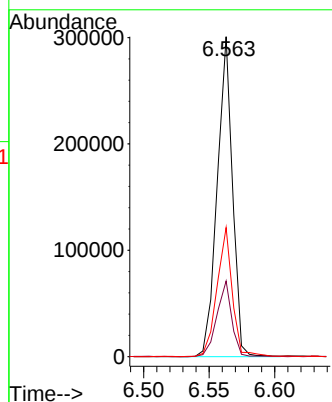
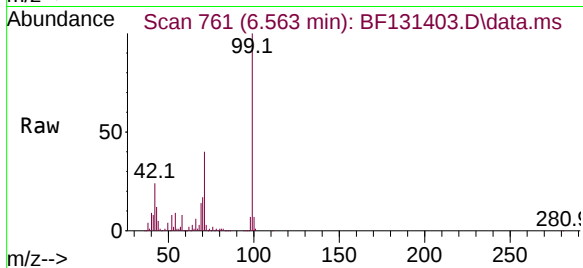




#7
Phenol-d6
Concen: 40.993 ng
RT: 6.563 min Scan# 70
Delta R.T. -0.018 min
Lab File: BF131403.D
Acq: 25 Nov 2022 19:15

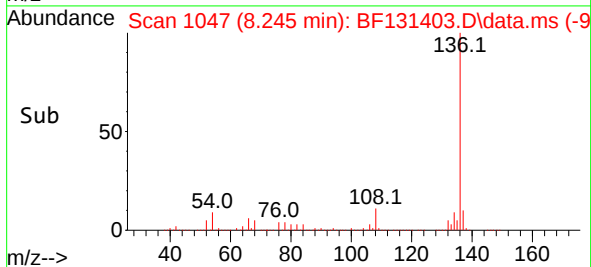
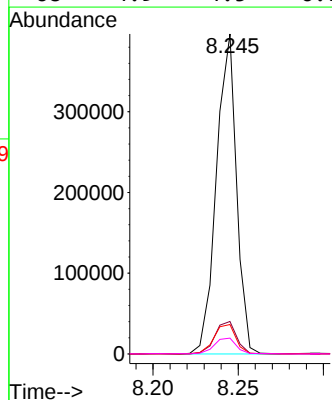
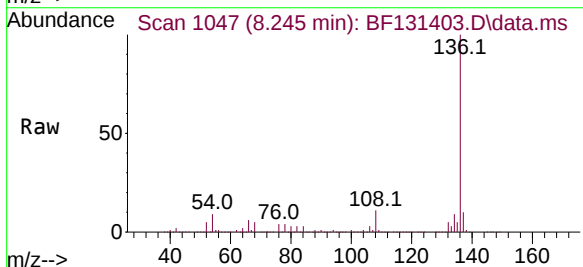
Instrument :
BNA_F
ClientSampleId :
MW-22

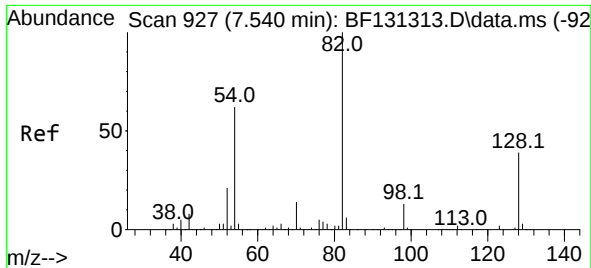
Tgt Ion: 99 Resp: 244485
Ion Ratio Lower Upper
99 100
42 23.6 19.4 29.2
71 40.3 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF131403.D
Acq: 25 Nov 2022 19:15

Tgt Ion: 136 Resp: 324786
Ion Ratio Lower Upper
136 100
137 10.1 9.0 13.6
54 9.2 9.4 14.0#
68 4.9 4.5 6.7

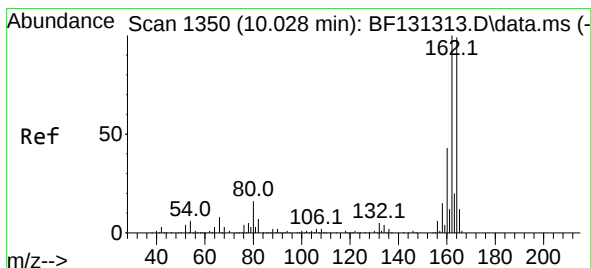
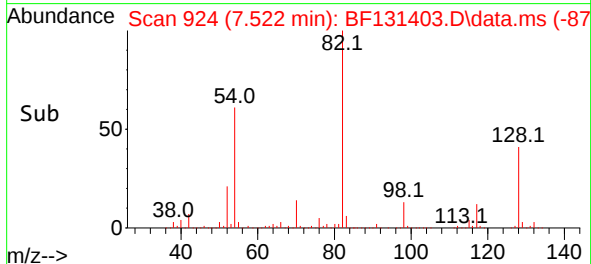
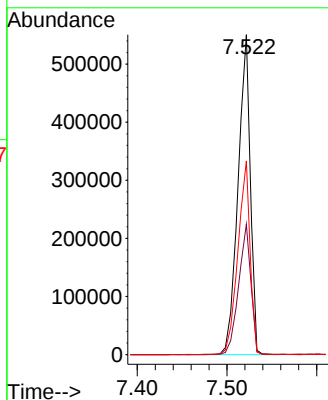
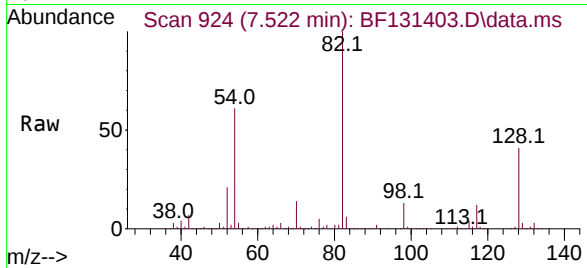




#23
Nitrobenzene-d5
Concen: 81.914 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131403.D
Acq: 25 Nov 2022 19:15

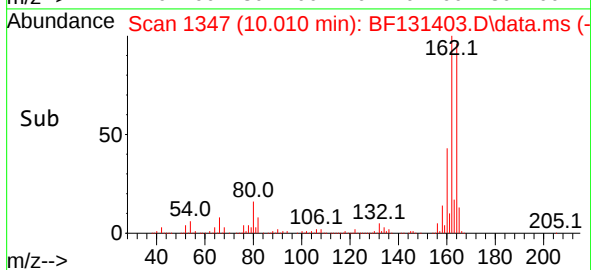
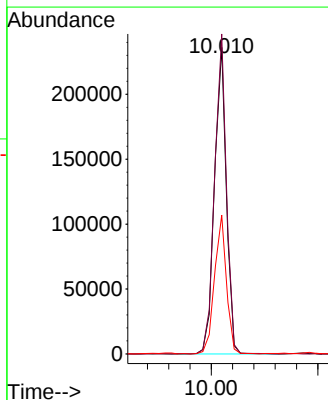
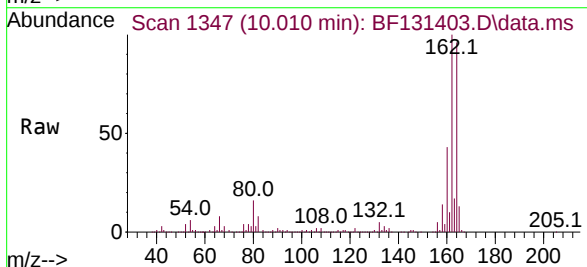
Instrument :
BNA_F
ClientSampleId :
MW-22

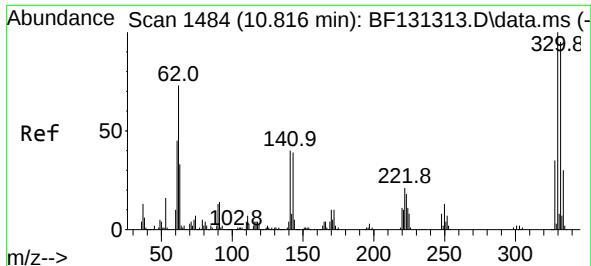
Tgt Ion: 82 Resp: 527776
Ion Ratio Lower Upper
82 100
128 40.8 31.4 47.0
54 60.5 49.8 74.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF131403.D
Acq: 25 Nov 2022 19:15

Tgt Ion:164 Resp: 183111
Ion Ratio Lower Upper
164 100
162 104.4 80.6 120.8
160 45.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 148.118 ng

RT: 10.804 min Scan# 1482

Delta R.T. -0.006 min

Lab File: BF131403.D

Acq: 25 Nov 2022 19:15

Instrument :

BNA_F

ClientSampleId :

MW-22

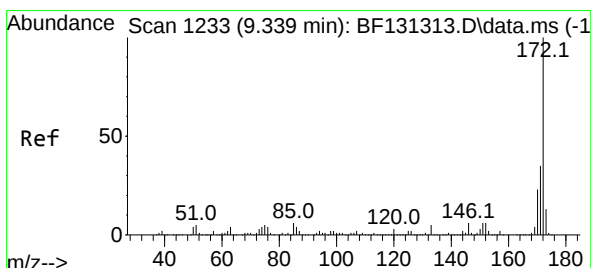
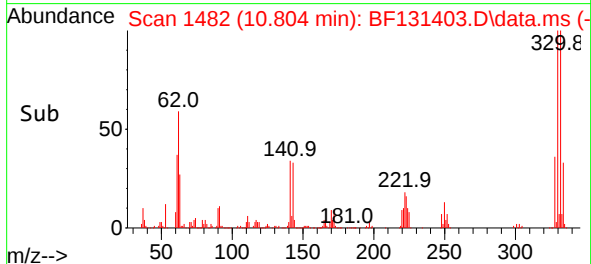
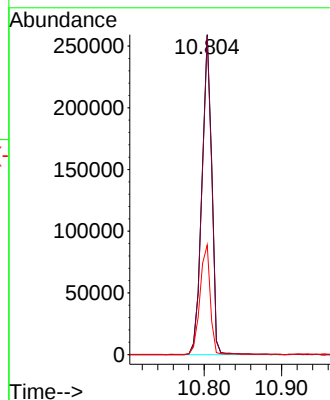
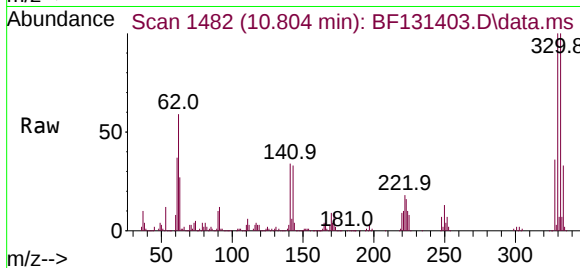
Tgt Ion:330 Resp: 228179

Ion Ratio Lower Upper

330 100

332 98.4 77.5 116.3

141 35.9 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 75.755 ng

RT: 9.327 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF131403.D

Acq: 25 Nov 2022 19:15

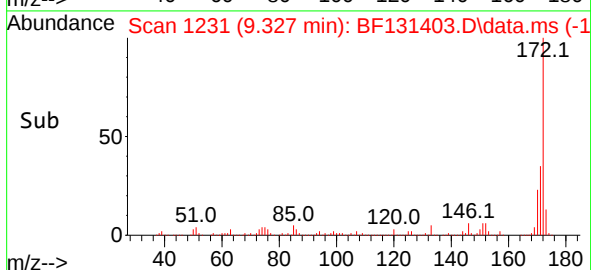
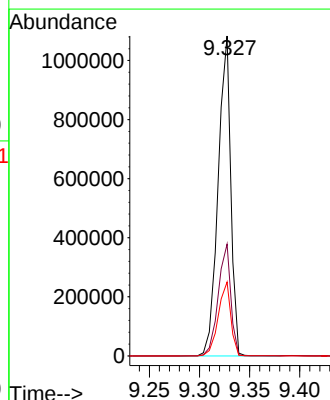
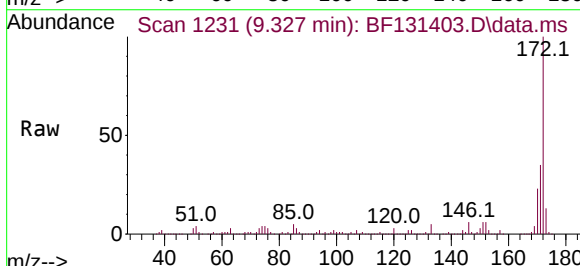
Tgt Ion:172 Resp: 953494

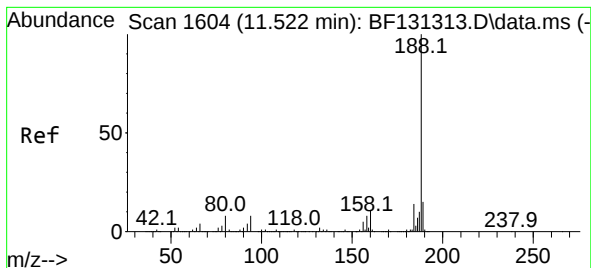
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.1 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 10

Delta R.T. -0.012 min

Lab File: BF131403.D

Acq: 25 Nov 2022 19:15

Instrument :

BNA_F

ClientSampleId :

MW-22

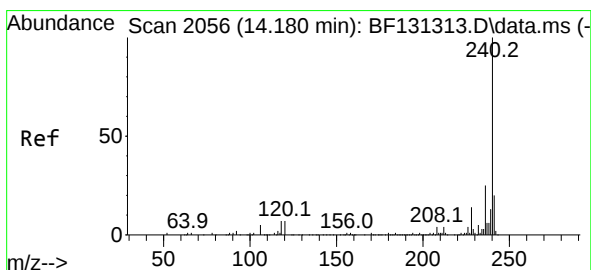
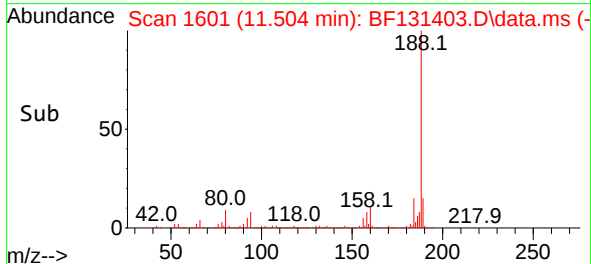
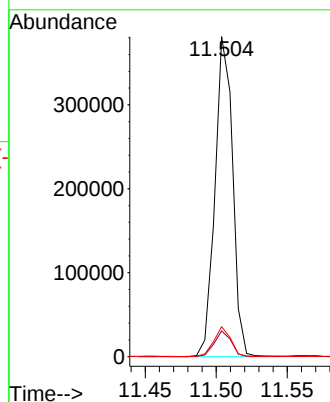
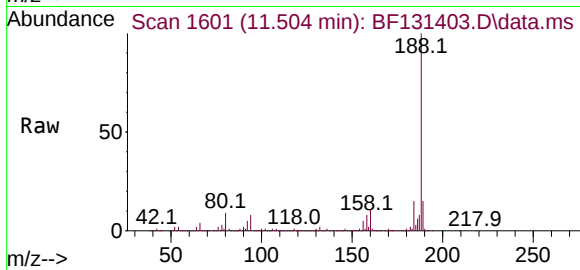
Tgt Ion:188 Resp: 330364

Ion Ratio Lower Upper

188 100

94 8.1 6.3 9.5

80 9.3 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.162 min Scan# 2053

Delta R.T. -0.012 min

Lab File: BF131403.D

Acq: 25 Nov 2022 19:15

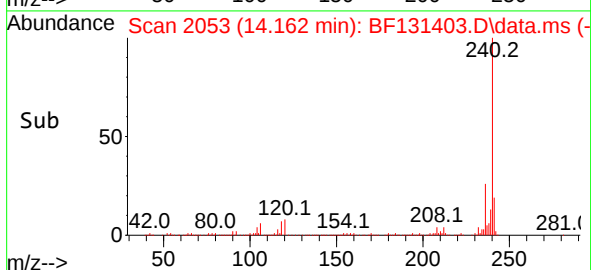
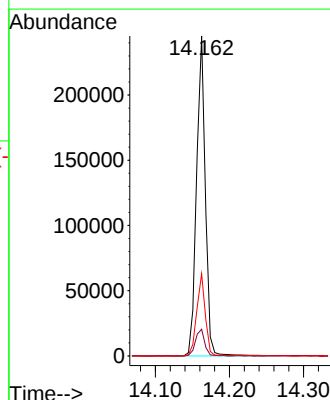
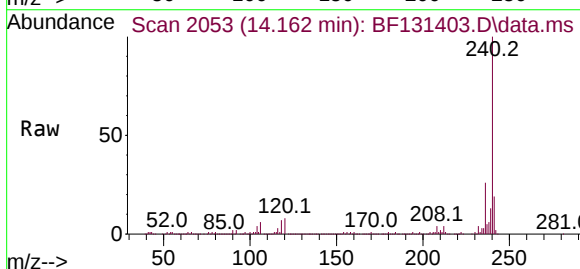
Tgt Ion:240 Resp: 203061

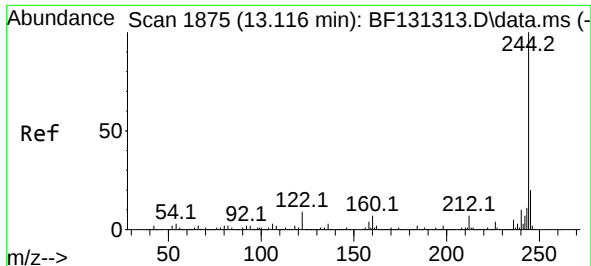
Ion Ratio Lower Upper

240 100

120 8.3 5.8 8.8

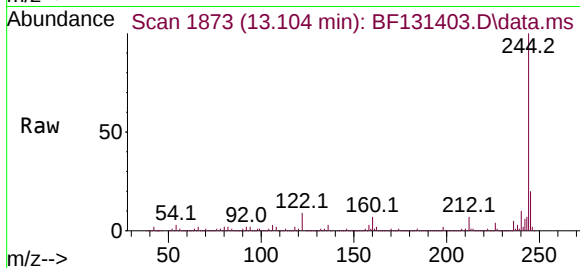
236 25.7 20.3 30.5



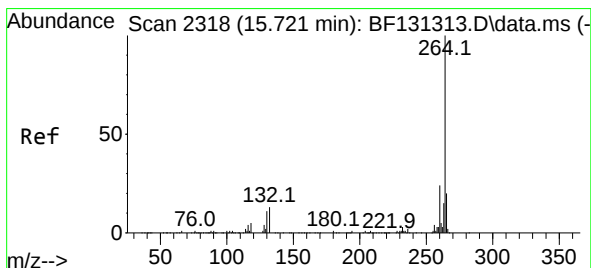
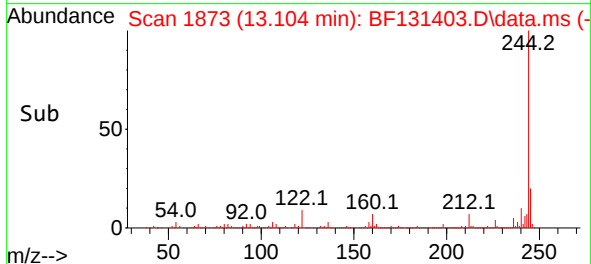
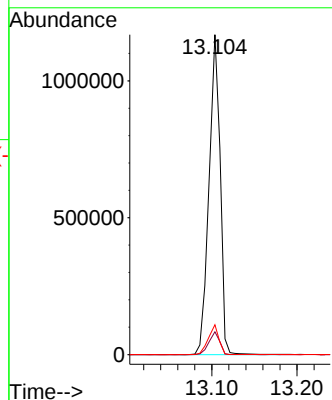


#79
 Terphenyl-d14
 Concen: 85.509 ng
 RT: 13.104 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: BF131403.D
 Acq: 25 Nov 2022 19:15

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1061823
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.3 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.698 min Scan# 2314
 Delta R.T. -0.012 min
 Lab File: BF131403.D
 Acq: 25 Nov 2022 19:15

Tgt Ion:264 Resp: 176897
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 20.9 16.4 24.6

