

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131410.D
 Acq On : 25 Nov 2022 22:57
 Operator : CG\JU
 Sample : N5742-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-43

Quant Time: Nov 26 00:13:48 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	93158	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	346335	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	200016	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	349364	20.000	ng	-0.01
76) Chrysene-d12	14.163	240	209169	20.000	ng	-0.01
86) Perylene-d12	15.698	264	180191	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	324417	66.278	ng	0.00
7) Phenol-d6	6.563	99	255513	40.914	ng	-0.02
23) Nitrobenzene-d5	7.522	82	537553	78.240	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	242304	143.993	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	999341	72.687	ng	0.00
79) Terphenyl-d14	13.104	244	976081	76.309	ng	0.00

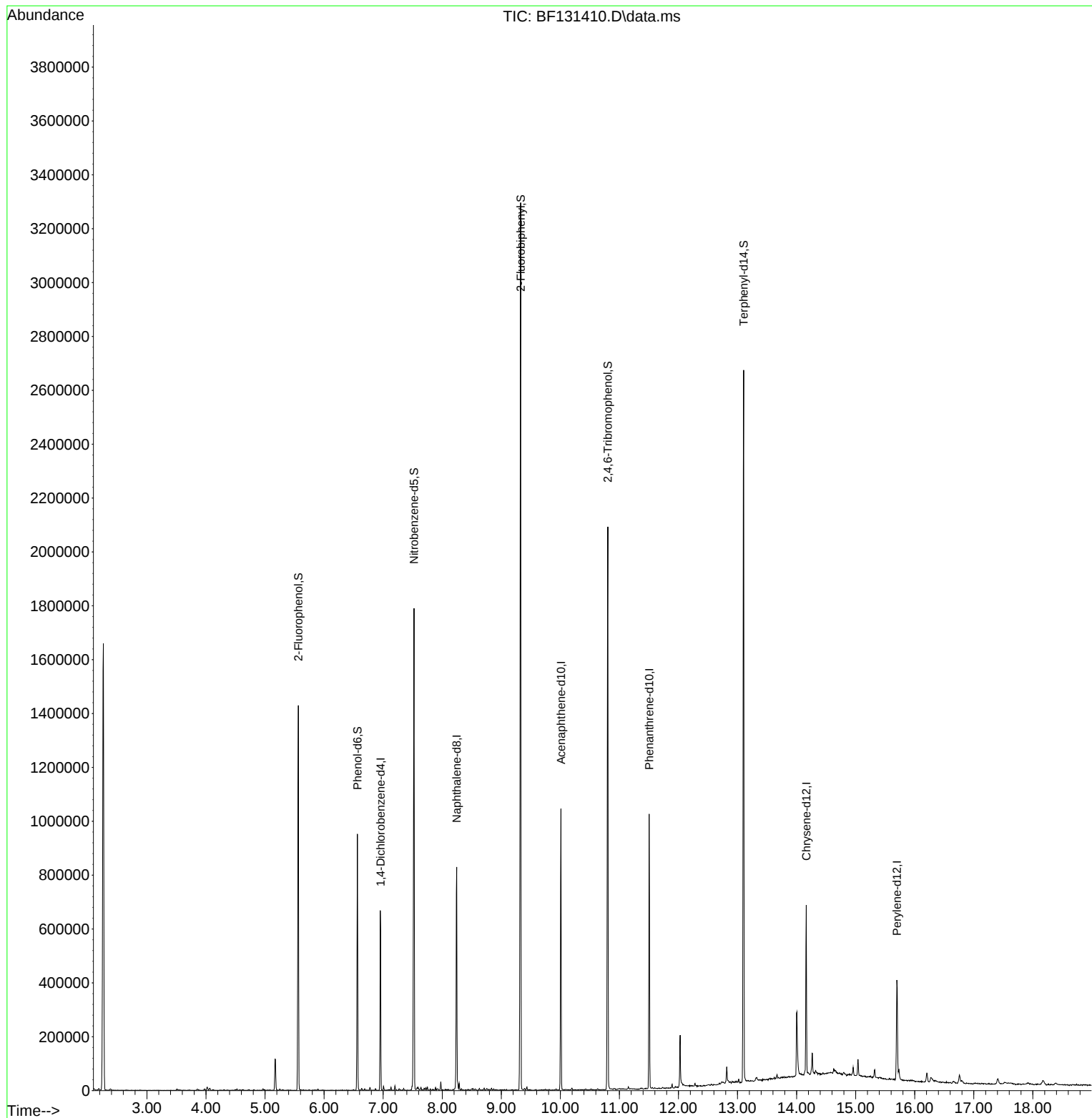
Target Compounds Qvalue

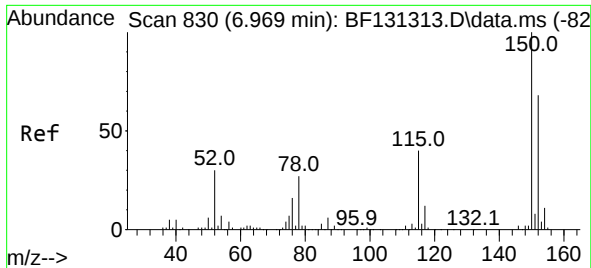
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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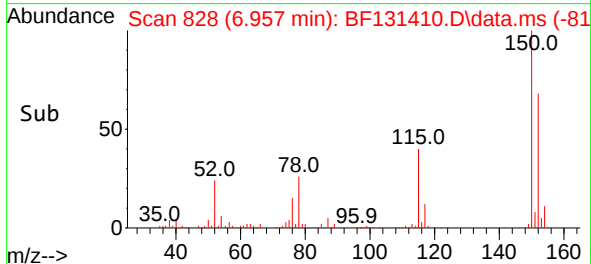
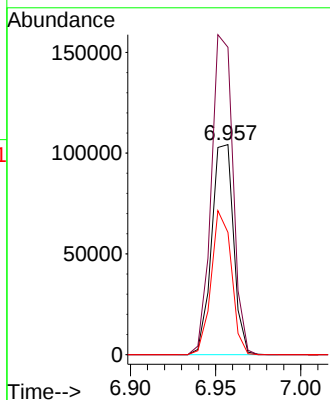
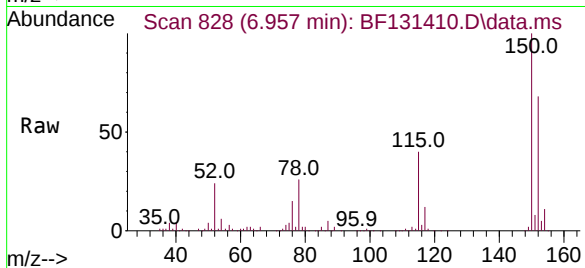




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131410.D
Acq: 25 Nov 2022 22:57

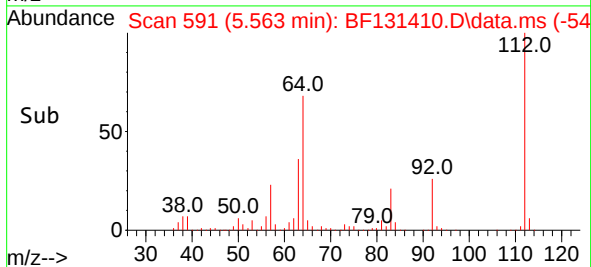
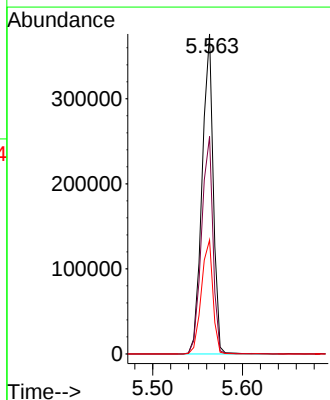
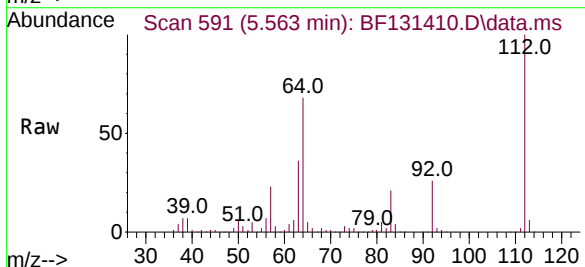
Instrument :
BNA_F
ClientSampleId :
MW-43

Tgt Ion:152 Resp: 93158
Ion Ratio Lower Upper
152 100
150 146.3 117.8 176.8
115 58.2 47.1 70.7



#5
2-Fluorophenol
Concen: 66.278 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.000 min
Lab File: BF131410.D
Acq: 25 Nov 2022 22:57

Tgt Ion:112 Resp: 324417
Ion Ratio Lower Upper
112 100
64 67.9 58.6 88.0
63 35.6 31.4 47.0

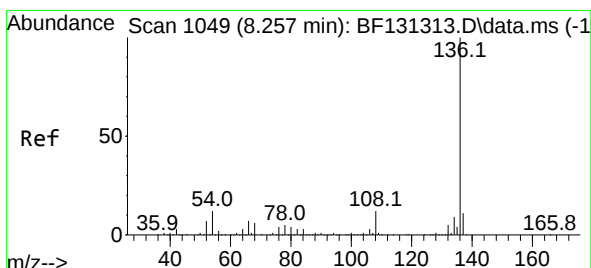
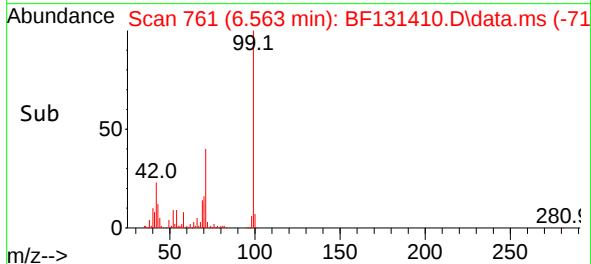
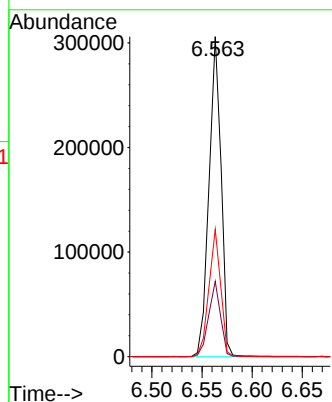
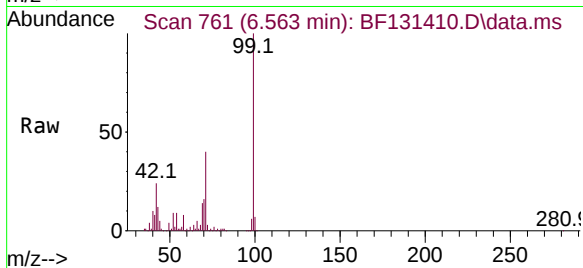




#7
Phenol-d6
Concen: 40.914 ng
RT: 6.563 min Scan# 70
Delta R.T. -0.017 min
Lab File: BF131410.D
Acq: 25 Nov 2022 22:57

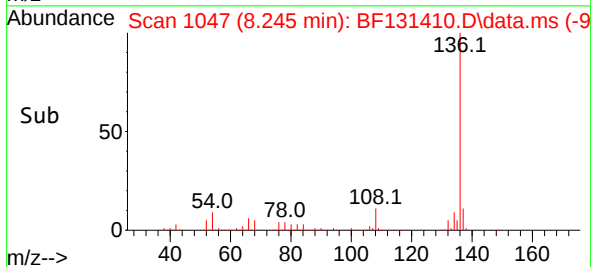
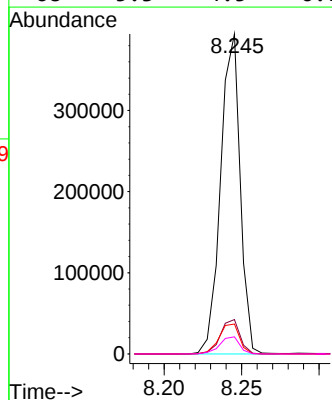
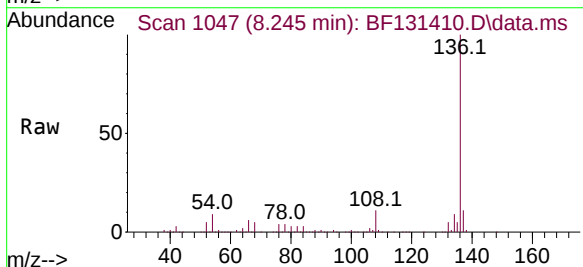
Instrument :
BNA_F
ClientSampleId :
MW-43

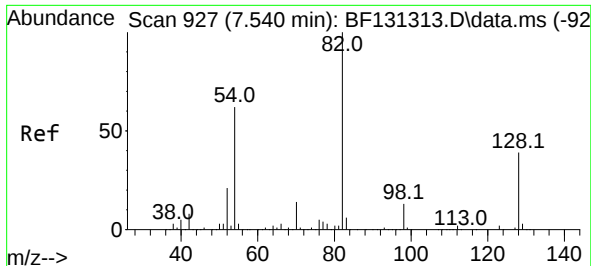
Tgt Ion: 99 Resp: 255513
Ion Ratio Lower Upper
99 100
42 23.5 19.4 29.2
71 39.8 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF131410.D
Acq: 25 Nov 2022 22:57

Tgt Ion: 136 Resp: 346335
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 9.3 9.4 14.0#
68 5.3 4.5 6.7

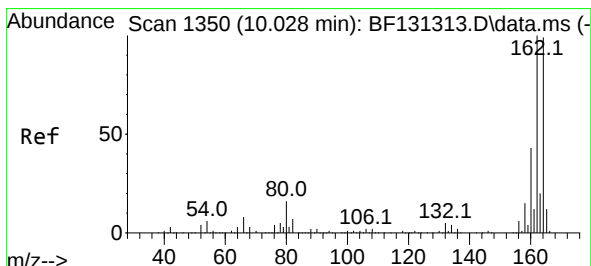
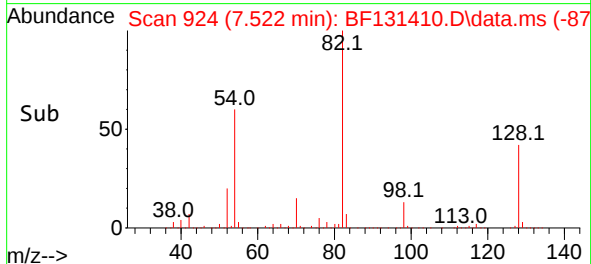
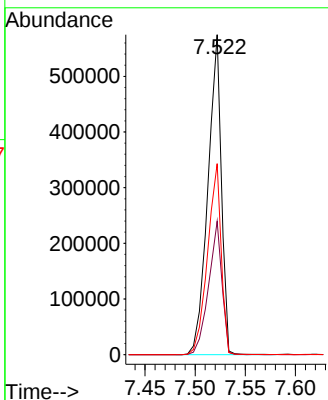
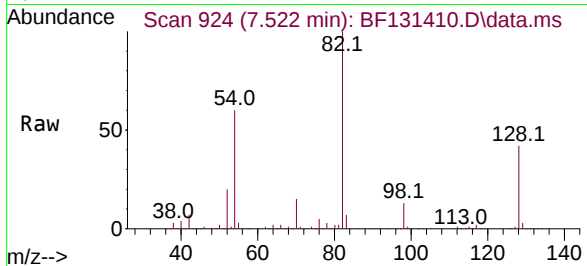




#23
Nitrobenzene-d5
Concen: 78.240 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131410.D
Acq: 25 Nov 2022 22:57

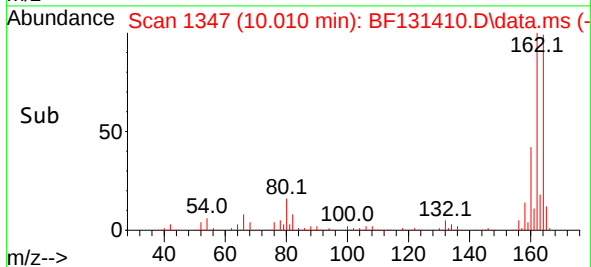
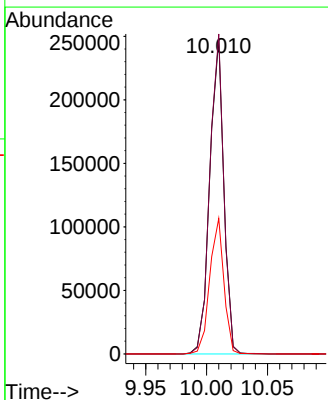
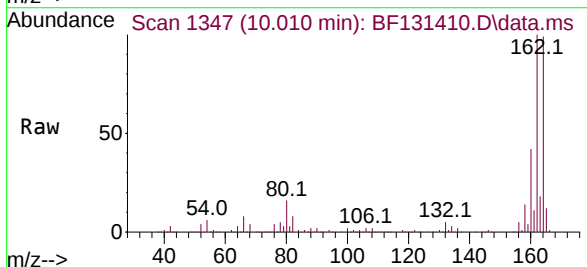
Instrument :
BNA_F
ClientSampleId :
MW-43

Tgt Ion: 82 Resp: 537553
Ion Ratio Lower Upper
82 100
128 41.7 31.4 47.0
54 59.7 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: BF131410.D
Acq: 25 Nov 2022 22:57

Tgt Ion:164 Resp: 200016
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 42.9 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 143.993 ng

RT: 10.804 min Scan# 1482

Delta R.T. -0.006 min

Lab File: BF131410.D

Acq: 25 Nov 2022 22:57

Instrument :

BNA_F

ClientSampleId :

MW-43

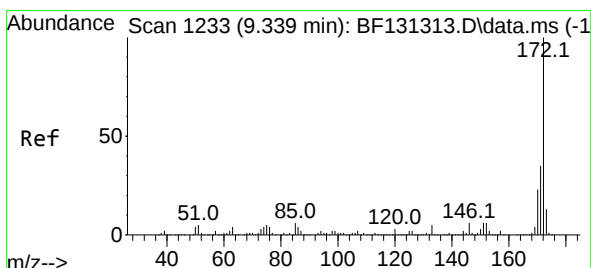
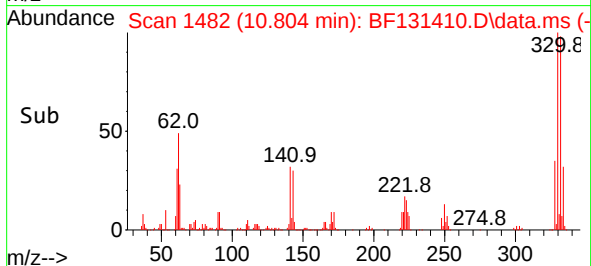
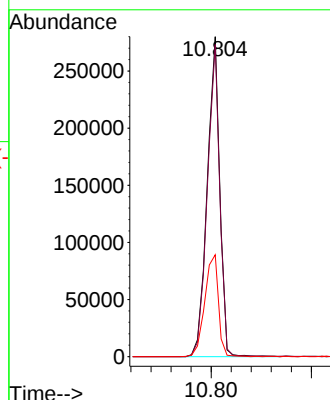
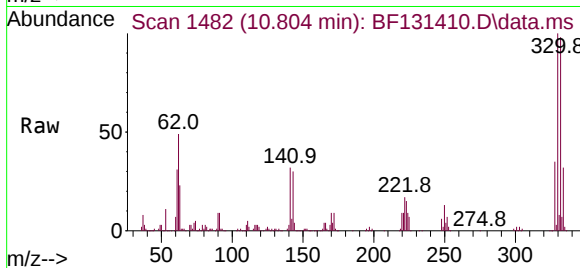
Tgt Ion:330 Resp: 242304

Ion Ratio Lower Upper

330 100

332 96.7 77.5 116.3

141 34.6 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 72.687 ng

RT: 9.328 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF131410.D

Acq: 25 Nov 2022 22:57

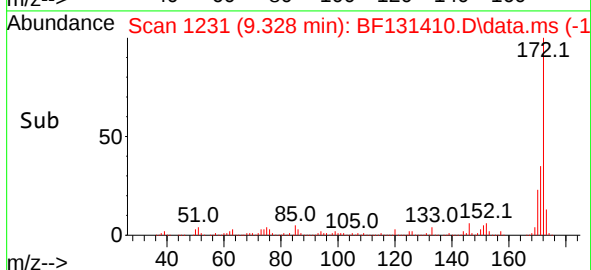
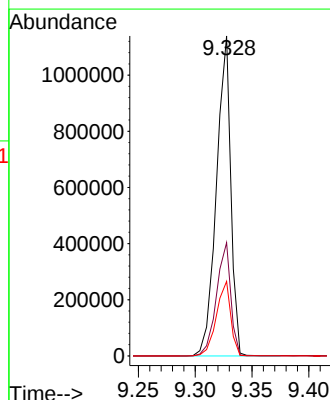
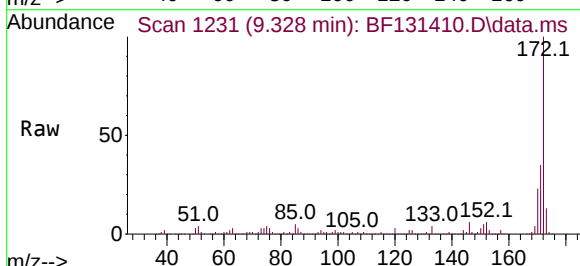
Tgt Ion:172 Resp: 999341

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.3 18.7 28.1

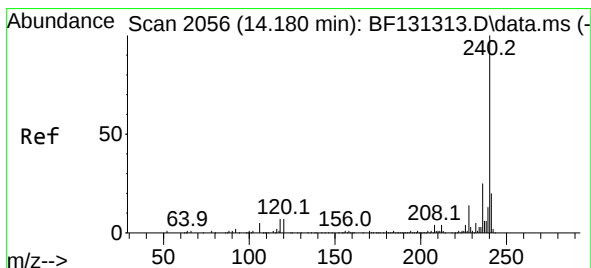
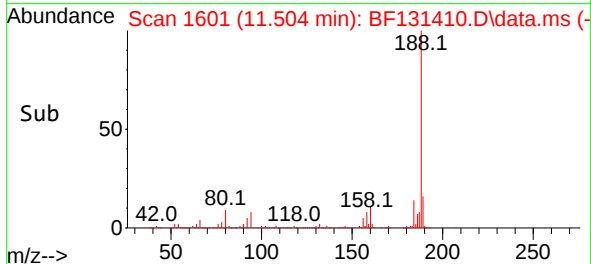
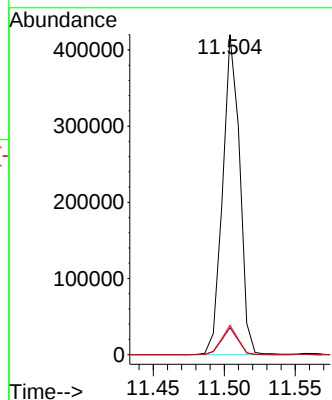
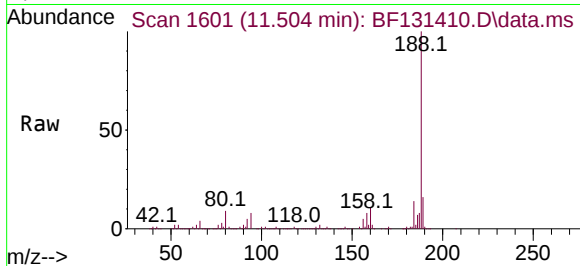




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF131410.D
Acq: 25 Nov 2022 22:57

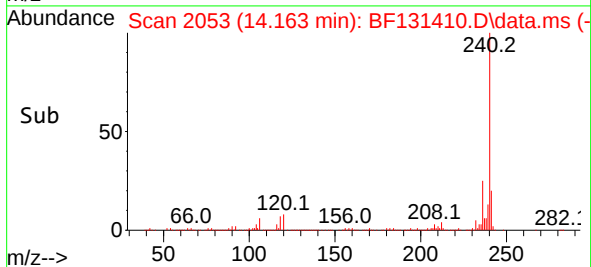
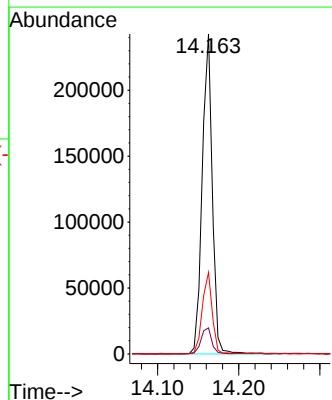
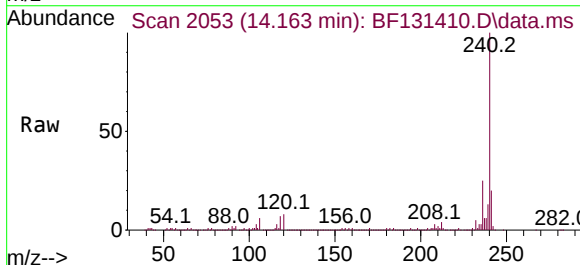
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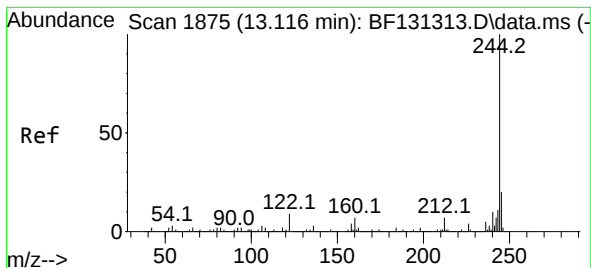
Tgt Ion:188 Resp: 349364
Ion Ratio Lower Upper
188 100
94 8.4 6.3 9.5
80 9.1 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 2053
Delta R.T. -0.012 min
Lab File: BF131410.D
Acq: 25 Nov 2022 22:57

Tgt Ion:240 Resp: 209169
Ion Ratio Lower Upper
240 100
120 8.1 5.8 8.8
236 25.5 20.3 30.5





#79

Terphenyl-d14

Concen: 76.309 ng

RT: 13.104 min Scan# 1875

Delta R.T. -0.006 min

Lab File: BF131410.D

Acq: 25 Nov 2022 22:57

Instrument :

BNA_F

ClientSampleId :

MW-43

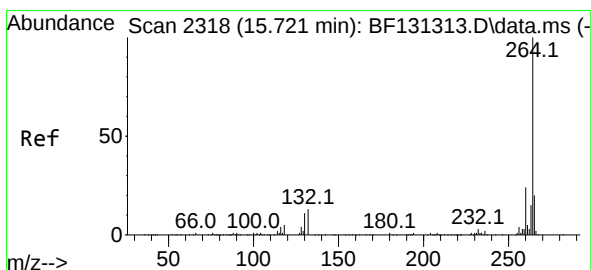
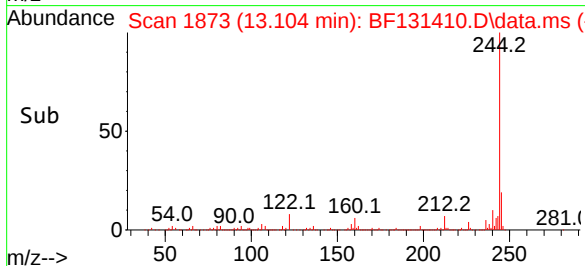
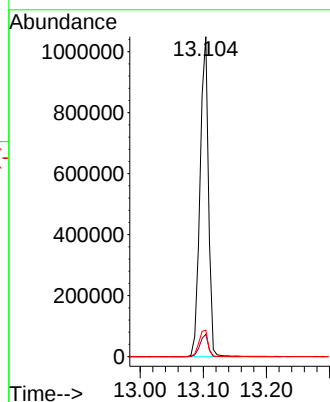
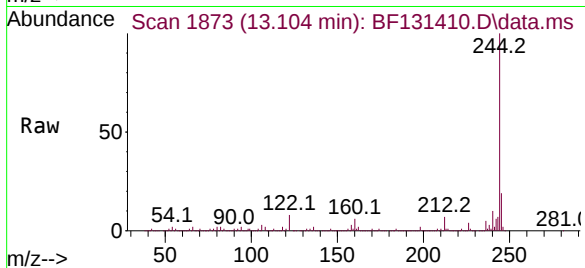
Tgt Ion:244 Resp: 976081

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 8.3 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: BF131410.D

Acq: 25 Nov 2022 22:57

Tgt Ion:264 Resp: 180191

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 21.5 16.4 24.6

