

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
 Data File : BF130422.D
 Acq On : 27 Sep 2022 13:19
 Operator : CG\JU
 Sample : PB147890BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147890BL

Quant Time: Sep 28 05:10:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.640	152	99767	20.000	ng	0.00
21) Naphthalene-d8	7.922	136	405169	20.000	ng	0.00
39) Acenaphthene-d10	9.675	164	221081	20.000	ng	0.00
64) Phenanthrene-d10	11.157	188	373030	20.000	ng	0.00
76) Chrysene-d12	13.786	240	230018	20.000	ng	0.00
86) Perylene-d12	15.168	264	180660	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	836788	145.477	ng	0.01
7) Phenol-d6	6.287	99	1023985	142.277	ng	0.00
23) Nitrobenzene-d5	7.210	82	656933	82.834	ng	0.00
42) 2,4,6-Tribromophenol	10.463	330	331472	156.474	ng	0.00
45) 2-Fluorobiphenyl	9.004	172	1311630	86.393	ng	0.00
79) Terphenyl-d14	12.745	244	1410412	101.572	ng	0.00

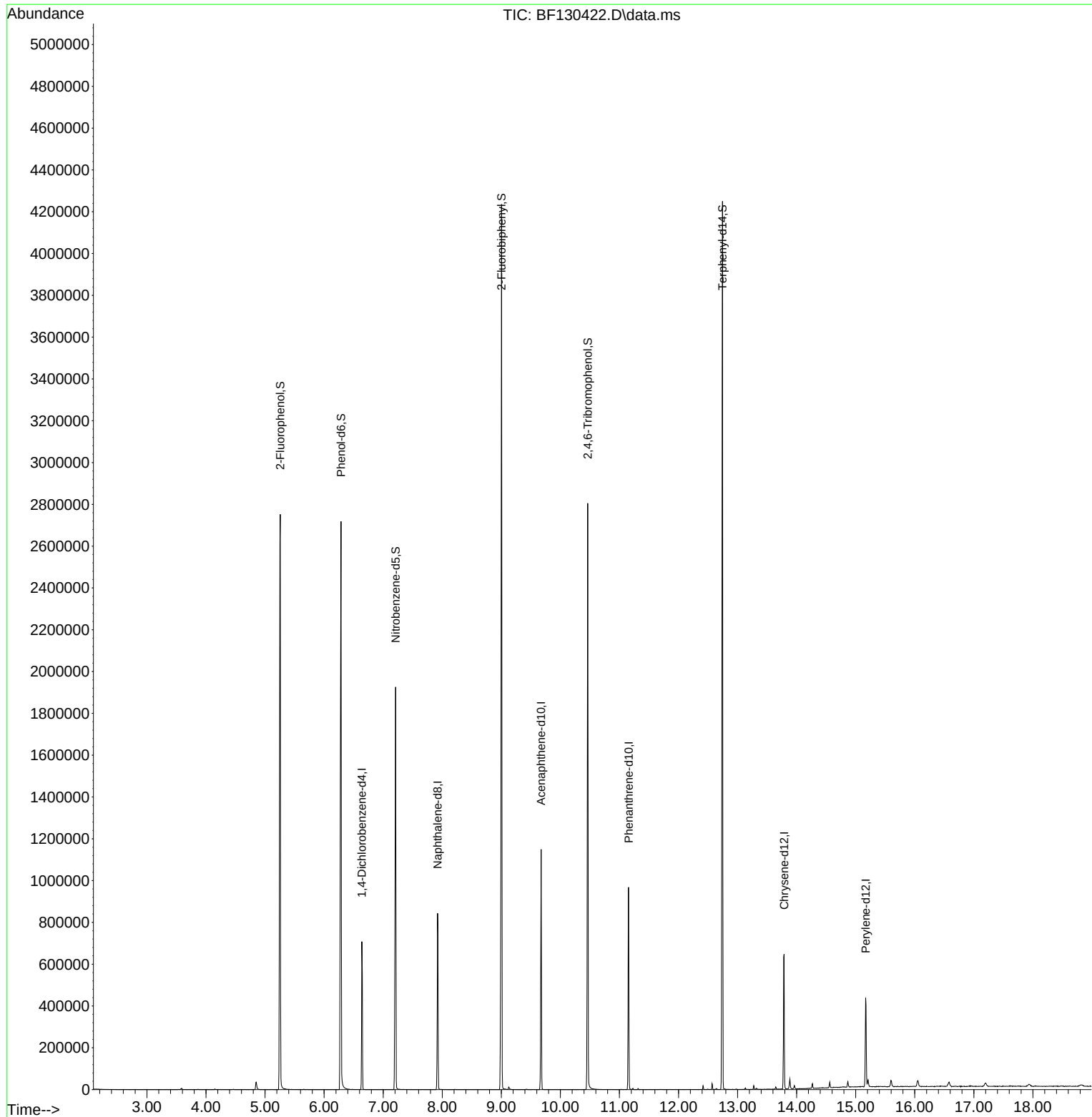
Target Compounds	Qvalue

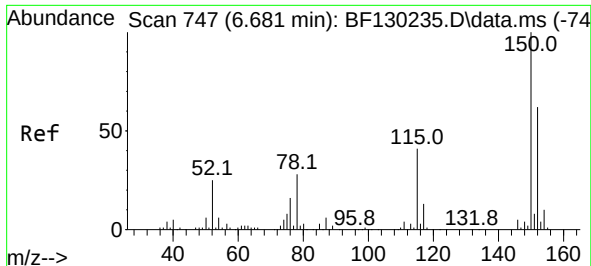
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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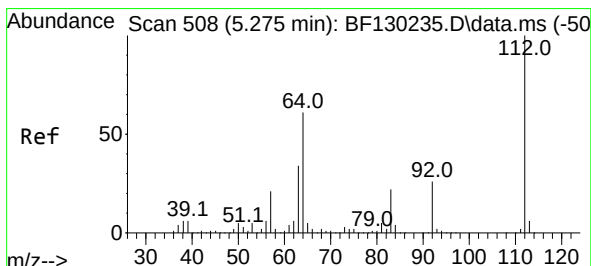
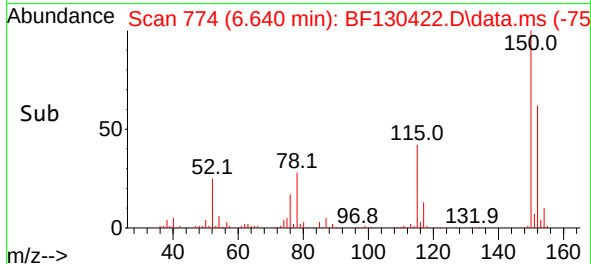
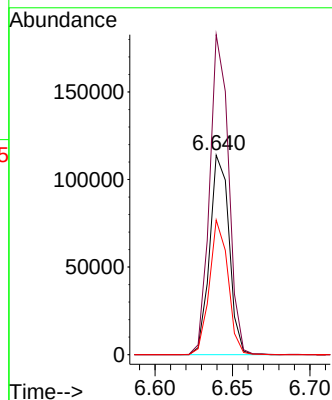
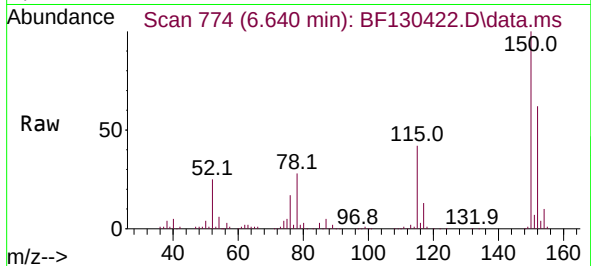




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.640 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF130422.D
 Acq: 27 Sep 2022 13:19

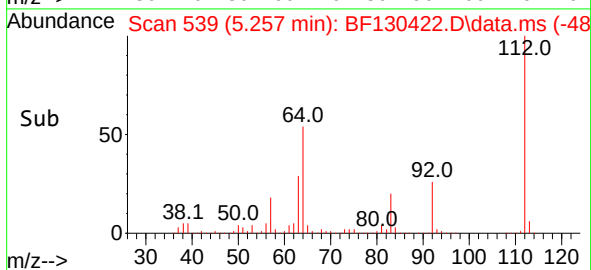
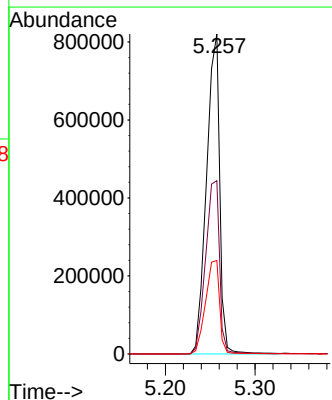
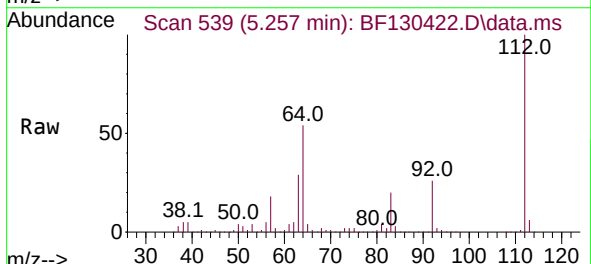
Instrument :
 BNA_F
 ClientSampleId :
 PB147890BL

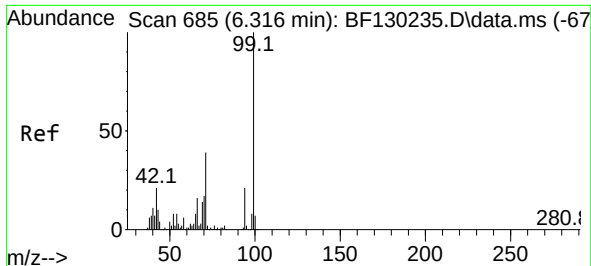
Tgt Ion:152 Resp: 99767
 Ion Ratio Lower Upper
 152 100
 150 160.4 122.8 184.2
 115 67.5 53.8 80.8



#5
 2-Fluorophenol
 Concen: 145.477 ng
 RT: 5.257 min Scan# 539
 Delta R.T. 0.012 min
 Lab File: BF130422.D
 Acq: 27 Sep 2022 13:19

Tgt Ion:112 Resp: 836788
 Ion Ratio Lower Upper
 112 100
 64 54.1 51.4 77.0
 63 29.2 28.8 43.2

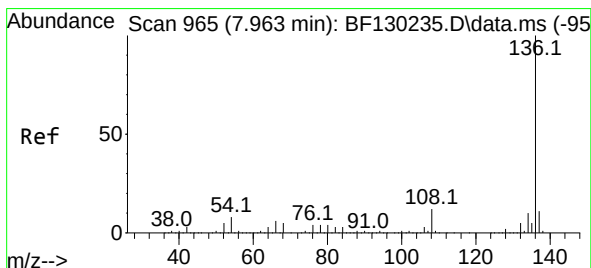
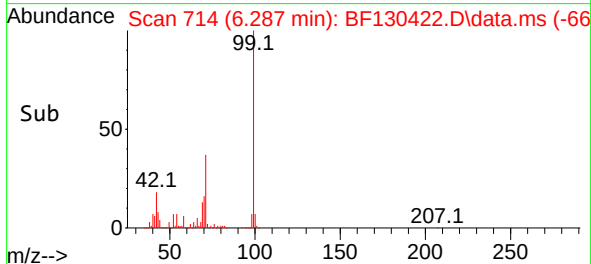
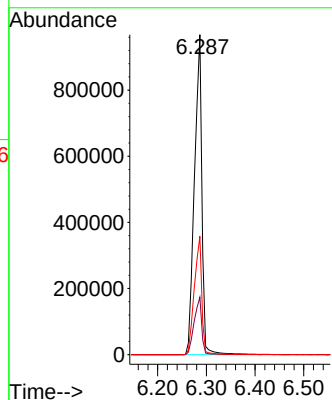
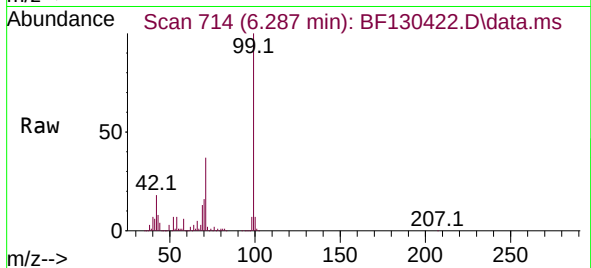




#7
Phenol-d6
Concen: 142.277 ng
RT: 6.287 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130422.D
Acq: 27 Sep 2022 13:19

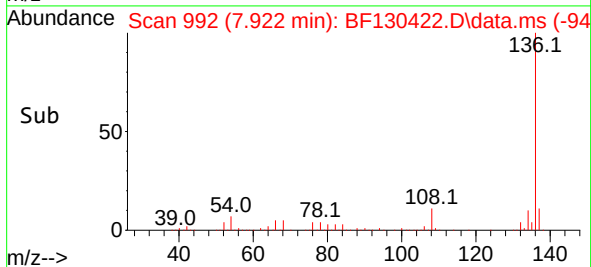
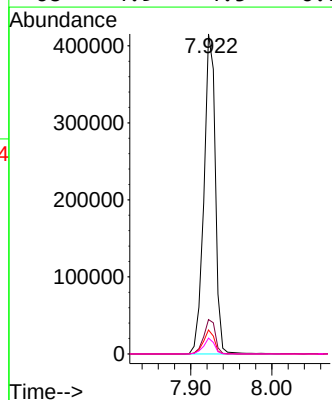
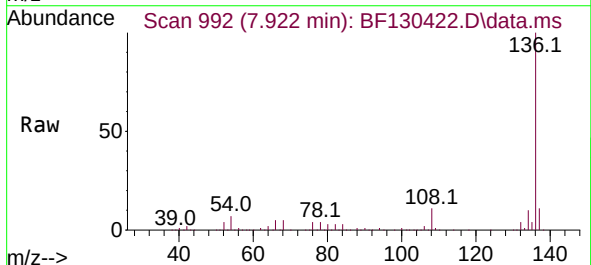
Instrument :
BNA_F
ClientSampleId :
PB147890BL

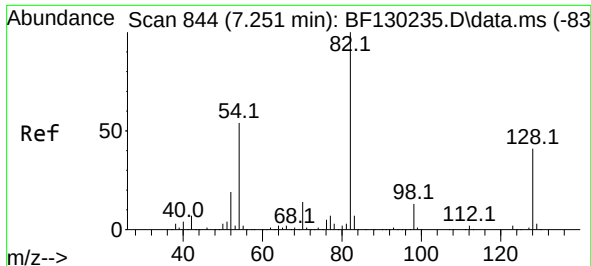
Tgt Ion: 99 Resp: 1023985
Ion Ratio Lower Upper
99 100
42 17.9 17.0 25.6
71 37.0 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF130422.D
Acq: 27 Sep 2022 13:19

Tgt Ion: 136 Resp: 405169
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 7.5 7.1 10.7
68 4.9 4.5 6.7

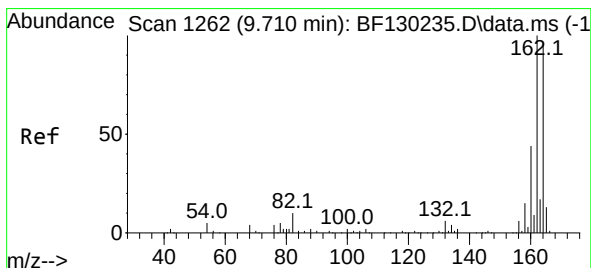
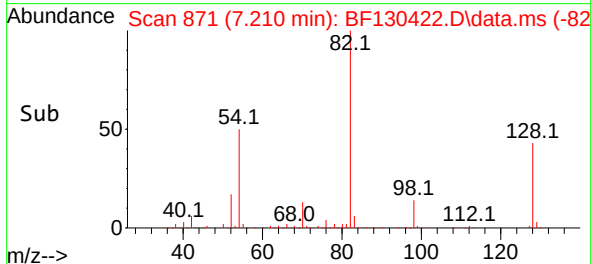
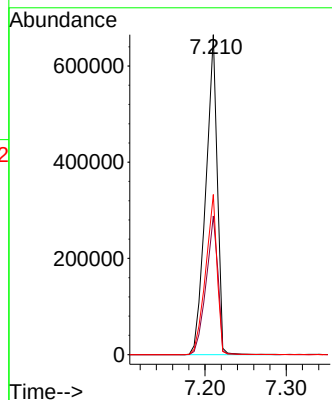
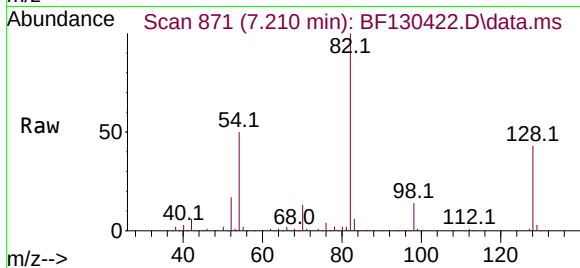




#23
Nitrobenzene-d5
Concen: 82.834 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130422.D
Acq: 27 Sep 2022 13:19

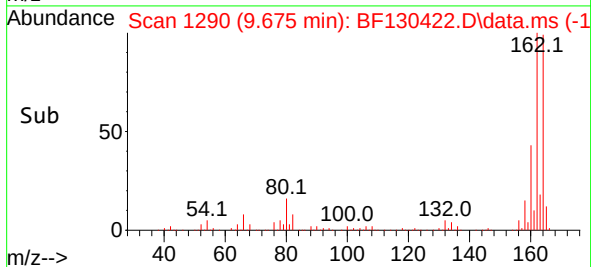
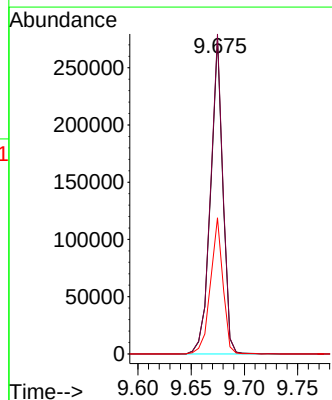
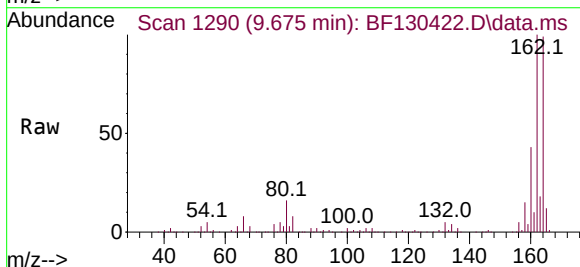
Instrument :
BNA_F
ClientSampleId :
PB147890BL

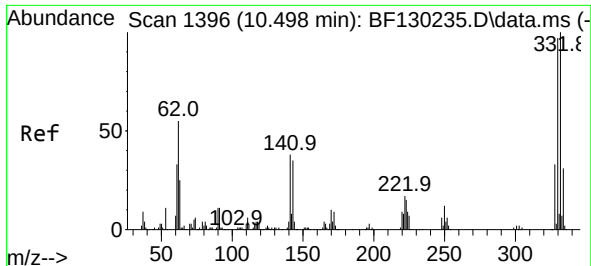
Tgt Ion: 82 Resp: 656933
Ion Ratio Lower Upper
82 100
128 43.3 32.6 49.0
54 50.0 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF130422.D
Acq: 27 Sep 2022 13:19

Tgt Ion:164 Resp: 221081
Ion Ratio Lower Upper
164 100
162 101.1 81.4 122.0
160 43.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 156.474 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130422.D

Acq: 27 Sep 2022 13:19

Instrument :

BNA_F

ClientSampleId :

PB147890BL

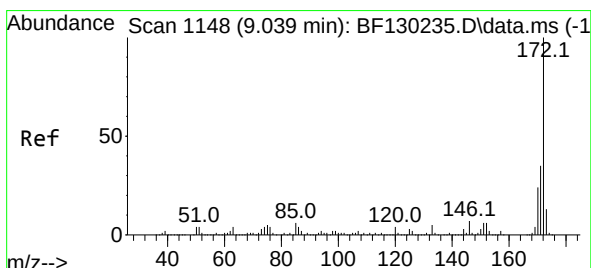
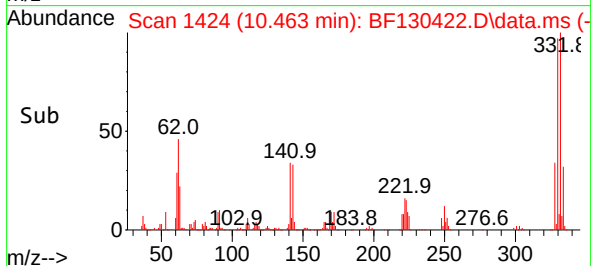
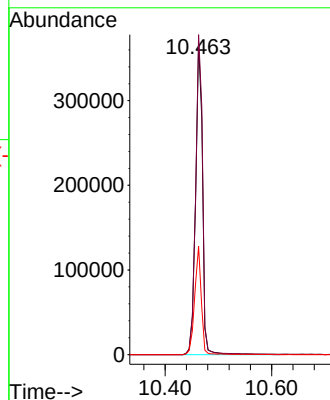
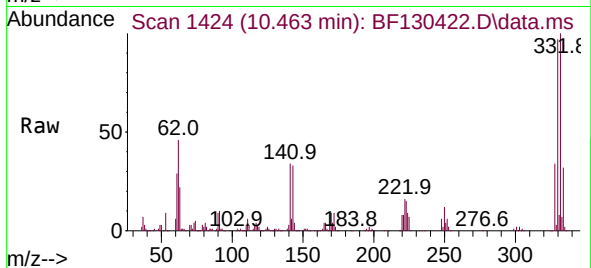
Tgt Ion:330 Resp: 331472

Ion Ratio Lower Upper

330 100

332 103.2 83.4 125.2

141 33.3 34.0 51.0#



#45

2-Fluorobiphenyl

Concen: 86.393 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF130422.D

Acq: 27 Sep 2022 13:19

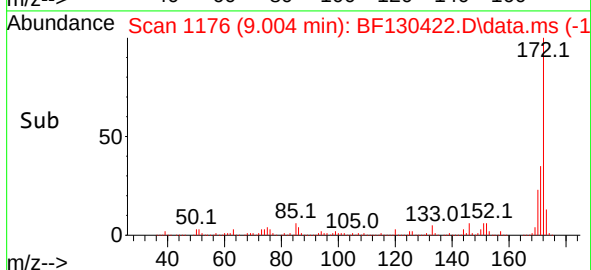
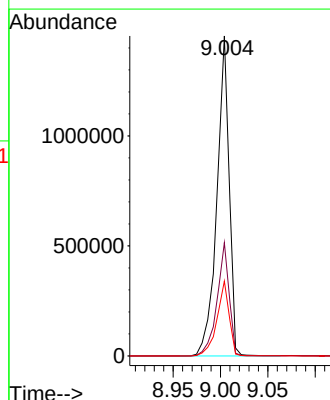
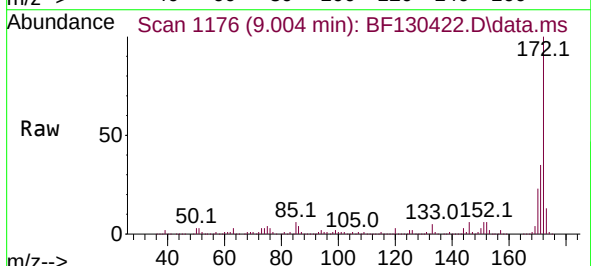
Tgt Ion:172 Resp: 1311630

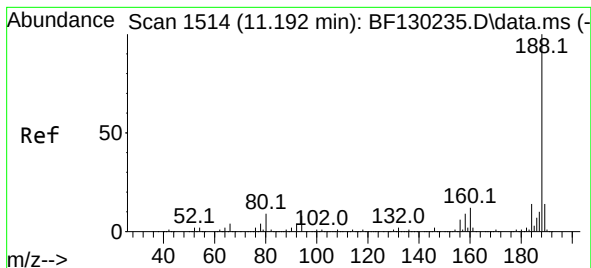
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.4 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.157 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130422.D

Acq: 27 Sep 2022 13:19

Instrument :

BNA_F

ClientSampleId :

PB147890BL

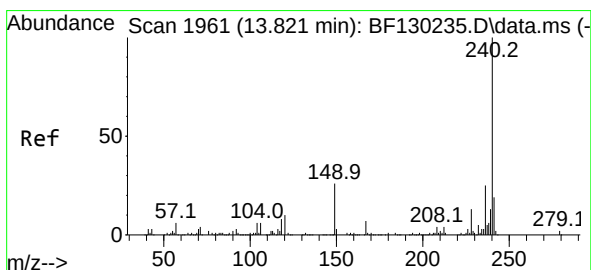
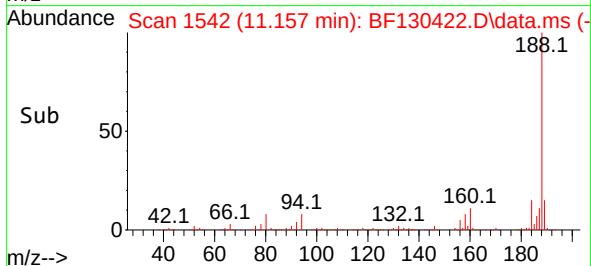
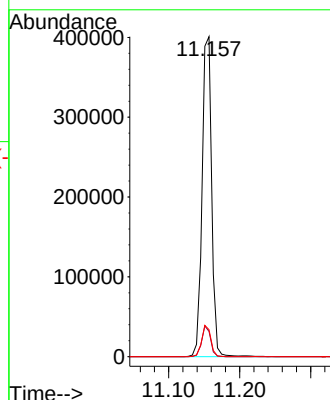
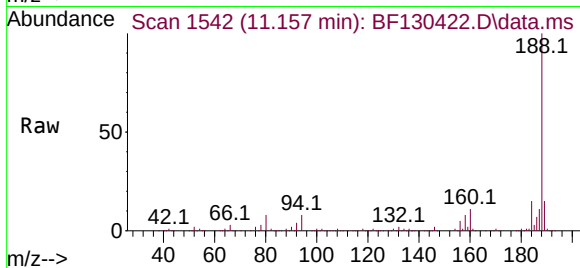
Tgt Ion:188 Resp: 373030

Ion Ratio Lower Upper

188 100

94 7.9 7.4 11.2

80 8.4 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.786 min Scan# 1989

Delta R.T. -0.006 min

Lab File: BF130422.D

Acq: 27 Sep 2022 13:19

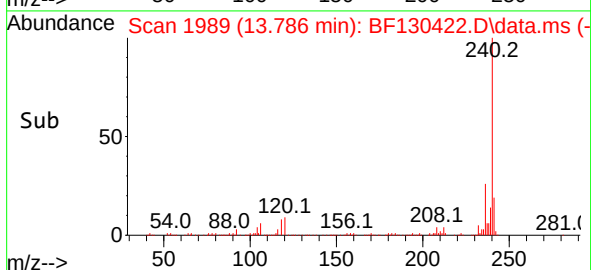
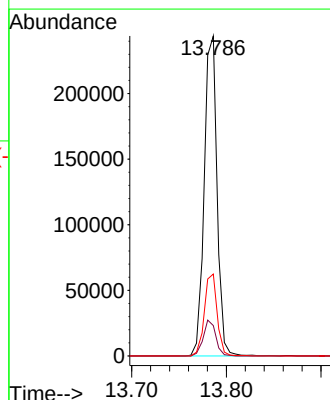
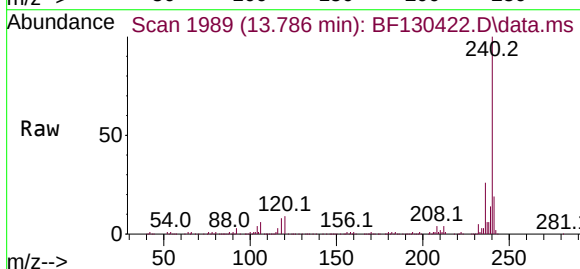
Tgt Ion:240 Resp: 230018

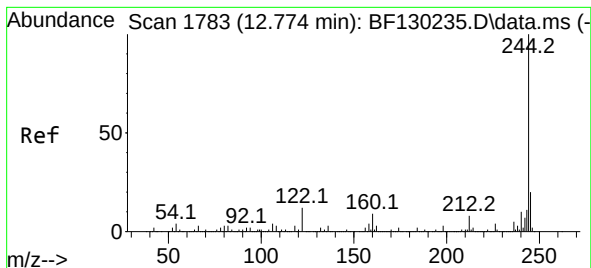
Ion Ratio Lower Upper

240 100

120 9.5 8.7 13.1

236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 101.572 ng

RT: 12.745 min Scan# 1812

Delta R.T. 0.000 min

Lab File: BF130422.D

Acq: 27 Sep 2022 13:19

Instrument :

BNA_F

ClientSampleId :

PB147890BL

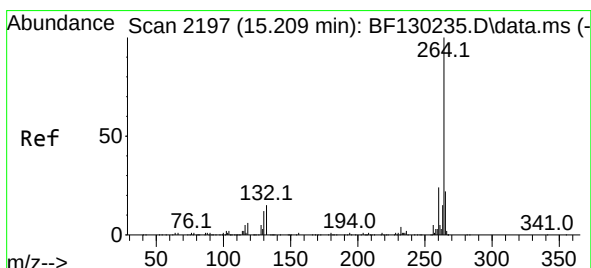
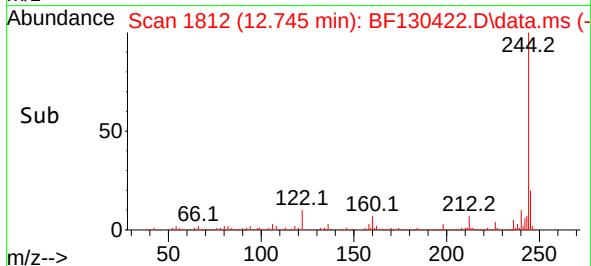
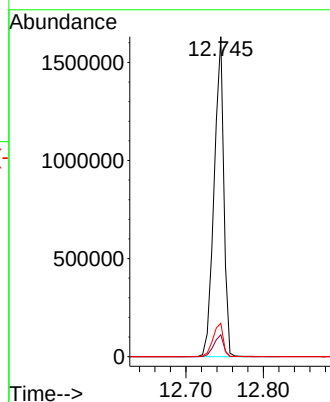
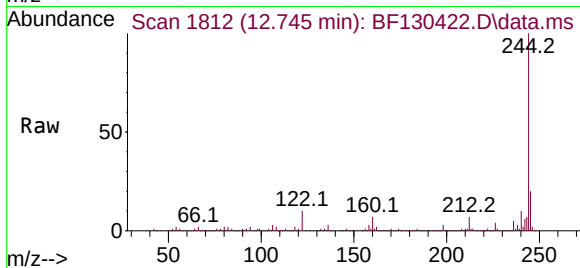
Tgt Ion:244 Resp: 1410412

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 10.4 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.168 min Scan# 2224

Delta R.T. -0.006 min

Lab File: BF130422.D

Acq: 27 Sep 2022 13:19

Tgt Ion:264 Resp: 180660

Ion Ratio Lower Upper

264 100

260 24.4 19.3 28.9

265 20.8 17.0 25.4

