

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
 Data File : BF130029.D
 Acq On : 26 Aug 2022 20:55
 Operator : CG\JU
 Sample : N4379-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-X

Quant Time: Aug 27 06:13:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 14:45:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	115419	20.000	ng	-0.01
21) Naphthalene-d8	8.028	136	405885	20.000	ng	-0.01
39) Acenaphthene-d10	9.781	164	170389	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	262968	20.000	ng	-0.01
76) Chrysene-d12	13.921	240	246424	20.000	ng	0.00
86) Perylene-d12	15.363	264	187674	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	743794	106.698	ng	0.00
7) Phenol-d6	6.410	99	880893	100.908	ng	-0.01
23) Nitrobenzene-d5	7.316	82	559916	73.847	ng	-0.02
42) 2,4,6-Tribromophenol	10.580	330	160266	93.717	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	907497	80.892	ng	-0.01
79) Terphenyl-d14	12.857	244	908556	61.349	ng	0.00

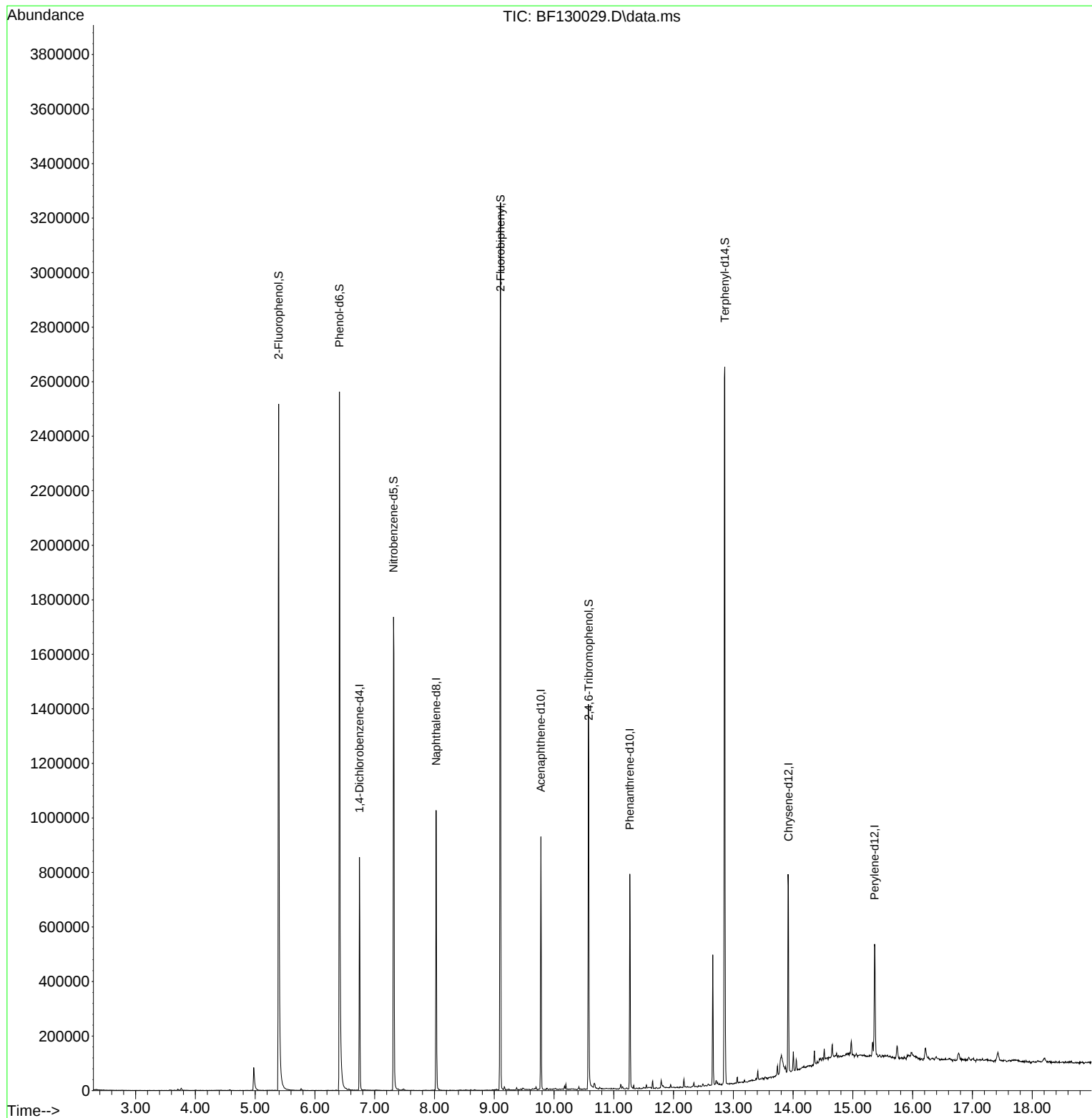
Target Compounds	Qvalue

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

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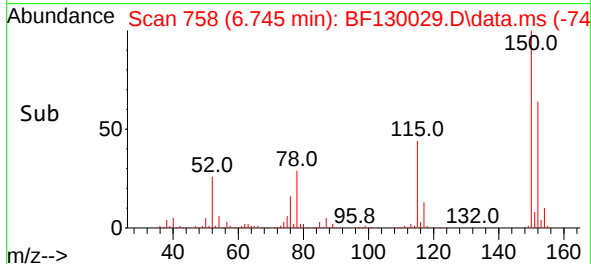
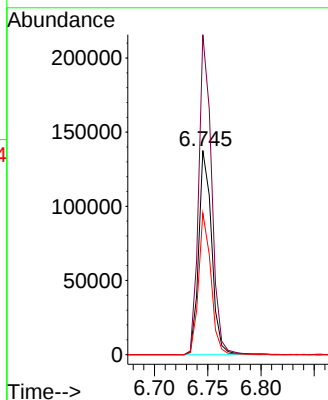
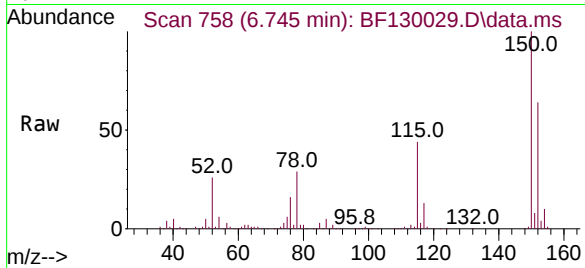




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130029.D
Acq: 26 Aug 2022 20:55

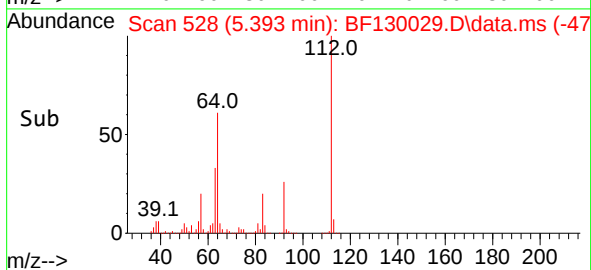
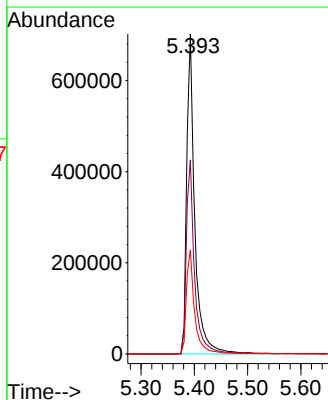
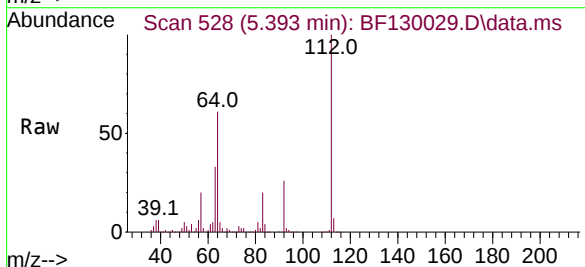
Instrument :
BNA_F
ClientSampleId :
DUP-X

Tgt Ion:152 Resp: 115419
Ion Ratio Lower Upper
152 100
150 156.8 126.9 190.3
115 69.4 53.4 80.0



#5
2-Fluorophenol
Concen: 106.698 ng
RT: 5.393 min Scan# 528
Delta R.T. 0.000 min
Lab File: BF130029.D
Acq: 26 Aug 2022 20:55

Tgt Ion:112 Resp: 743794
Ion Ratio Lower Upper
112 100
64 60.6 47.6 71.4
63 32.5 24.6 37.0

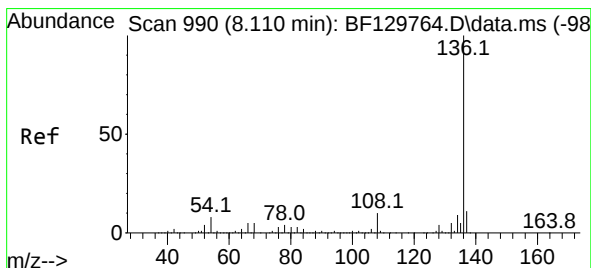
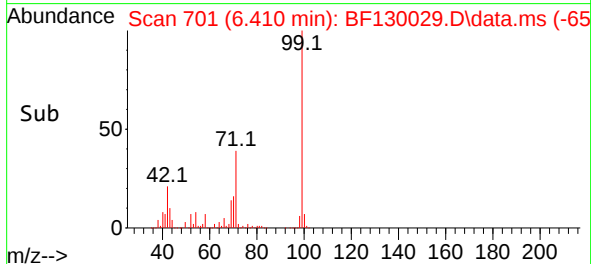
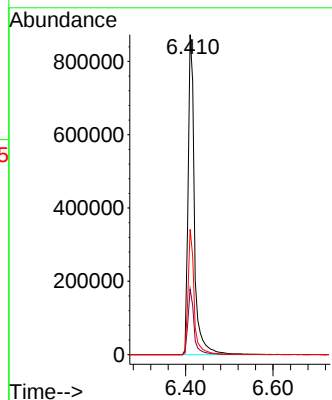
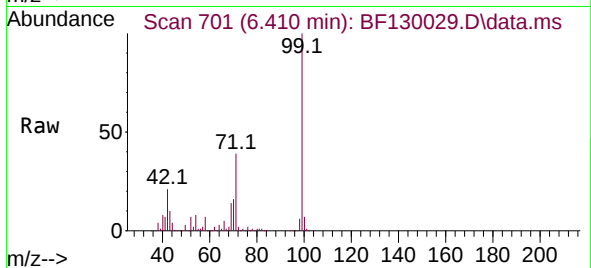




#7
Phenol-d6
Concen: 100.908 ng
RT: 6.410 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF130029.D
Acq: 26 Aug 2022 20:55

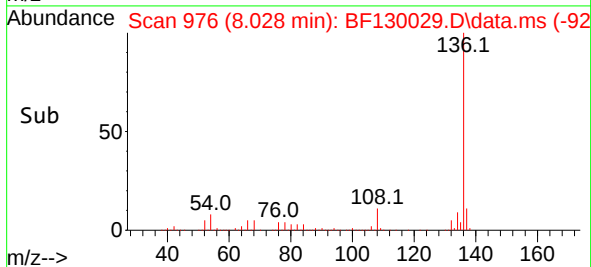
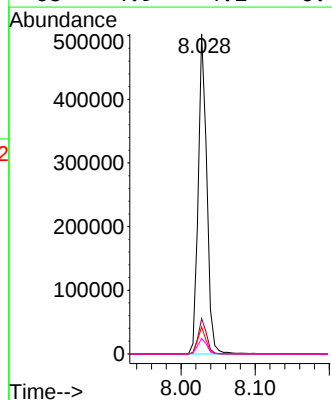
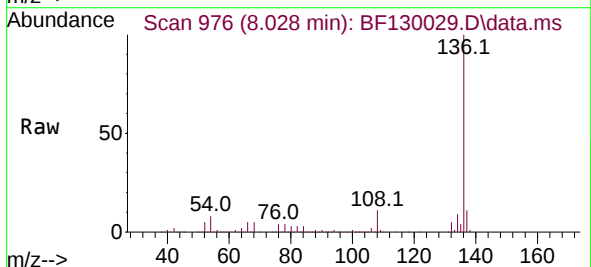
Instrument :
BNA_F
ClientSampleId :
DUP-X

Tgt Ion: 99 Resp: 880893
Ion Ratio Lower Upper
99 100
42 20.5 15.0 22.4
71 39.1 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 976
Delta R.T. -0.012 min
Lab File: BF130029.D
Acq: 26 Aug 2022 20:55

Tgt Ion: 136 Resp: 405885
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.4 6.2 9.2
68 4.9 4.2 6.4





#23

Nitrobenzene-d5

Concen: 73.847 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF130029.D

Acq: 26 Aug 2022 20:55

Instrument :

BNA_F

ClientSampleId :

DUP-X

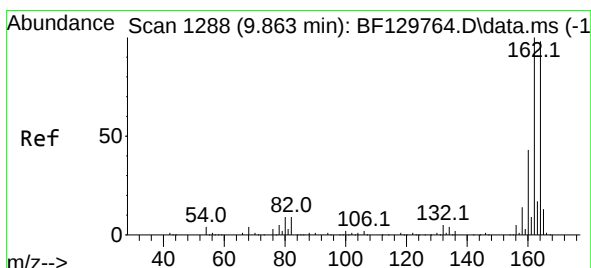
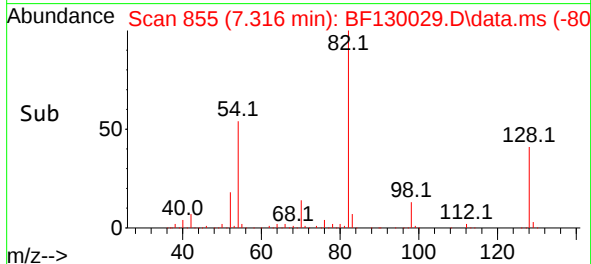
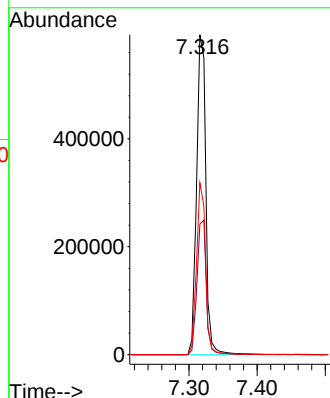
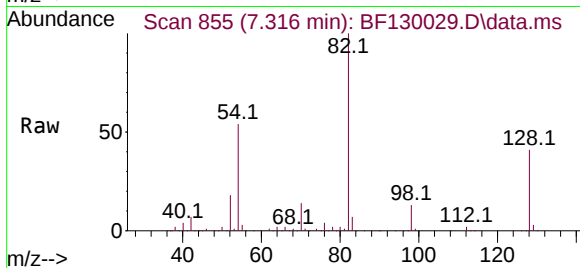
Tgt Ion: 82 Resp: 559916

Ion Ratio Lower Upper

82 100

128 40.8 36.1 54.1

54 53.7 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.781 min Scan# 1274

Delta R.T. -0.012 min

Lab File: BF130029.D

Acq: 26 Aug 2022 20:55

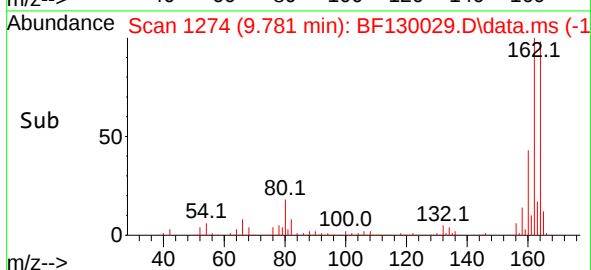
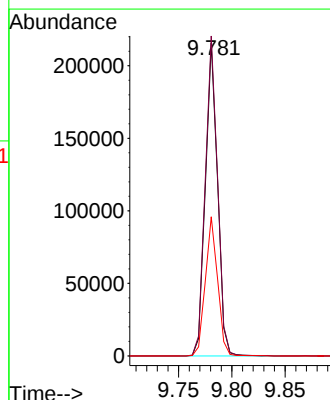
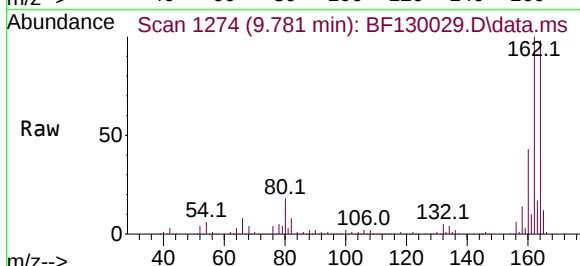
Tgt Ion:164 Resp: 170389

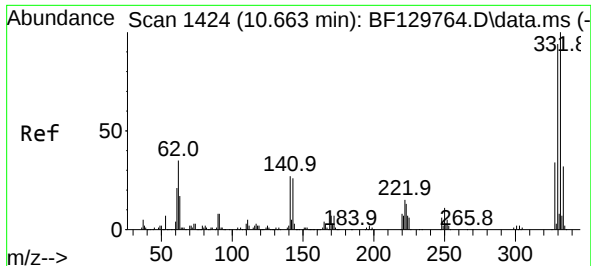
Ion Ratio Lower Upper

164 100

162 102.3 82.0 123.0

160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 93.717 ng

RT: 10.580 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130029.D

Acq: 26 Aug 2022 20:55

Instrument :

BNA_F

ClientSampleId :

DUP-X

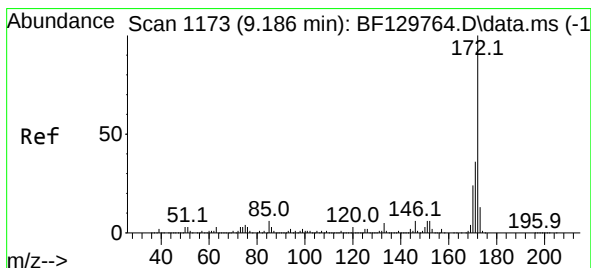
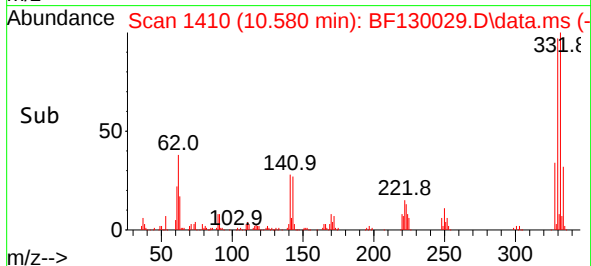
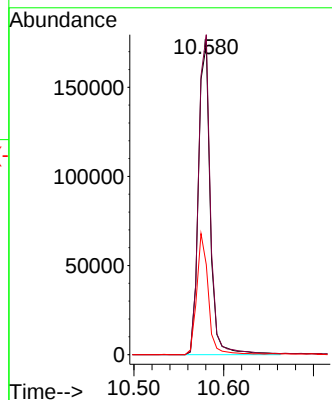
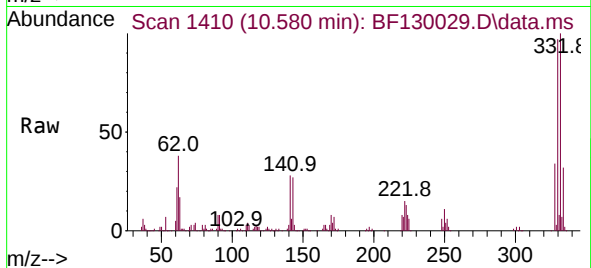
Tgt Ion:330 Resp: 160266

Ion Ratio Lower Upper

330 100

332 103.7 82.6 124.0

141 37.8 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 80.892 ng

RT: 9.104 min Scan# 1159

Delta R.T. -0.012 min

Lab File: BF130029.D

Acq: 26 Aug 2022 20:55

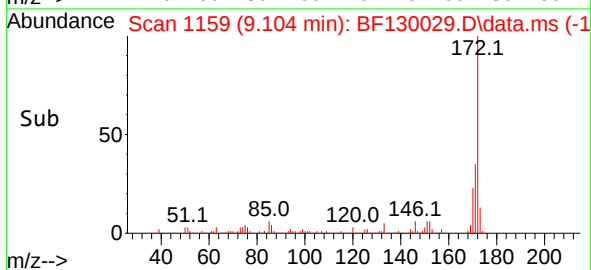
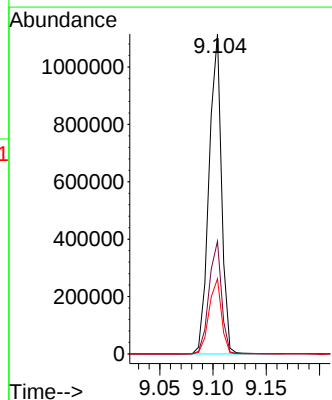
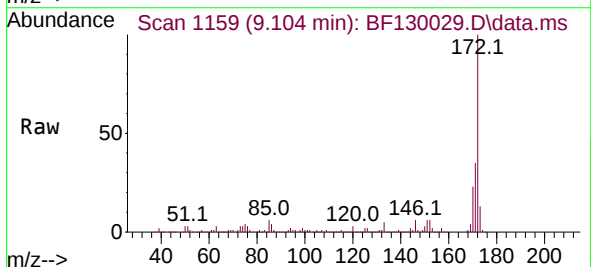
Tgt Ion:172 Resp: 907497

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.5 19.1 28.7

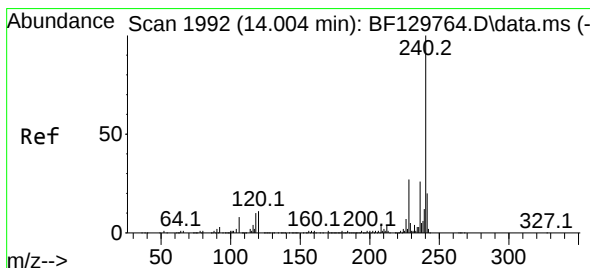
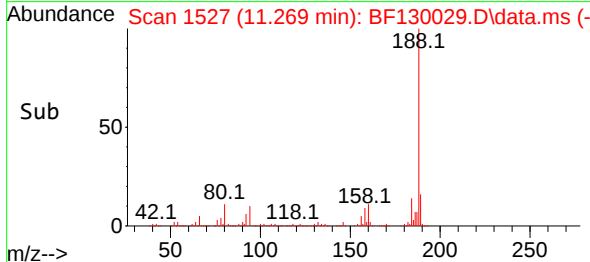
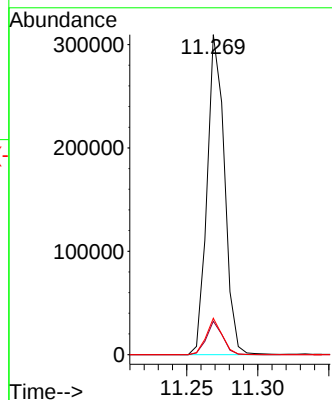
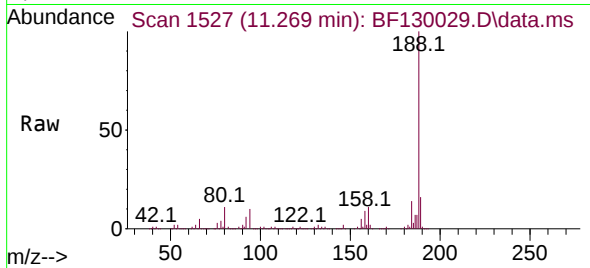




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130029.D
Acq: 26 Aug 2022 20:55

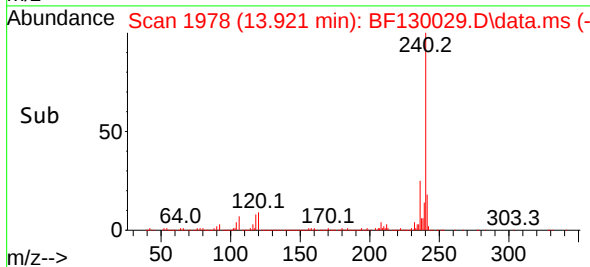
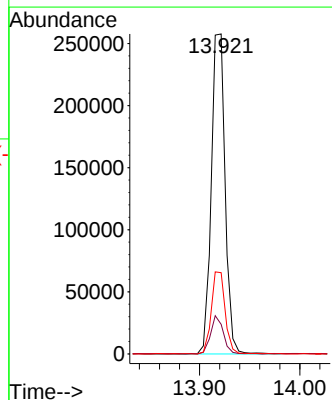
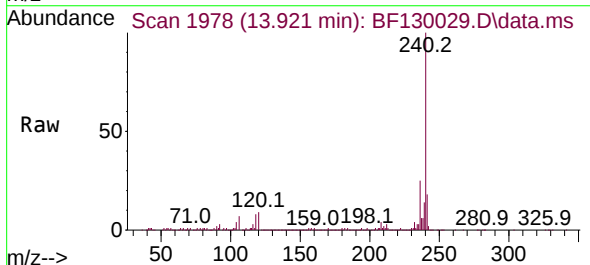
Instrument :
BNA_F
ClientSampleId :
DUP-X

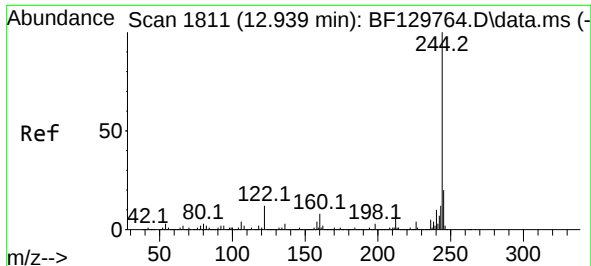
Tgt Ion:188 Resp: 262968
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 11.4 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130029.D
Acq: 26 Aug 2022 20:55

Tgt Ion:240 Resp: 246424
Ion Ratio Lower Upper
240 100
120 9.2 9.2 13.8
236 25.4 20.7 31.1

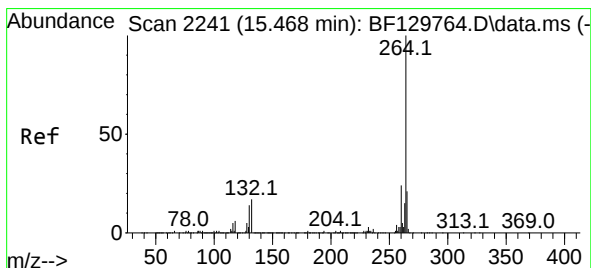
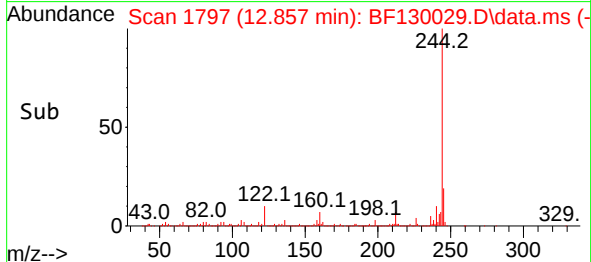
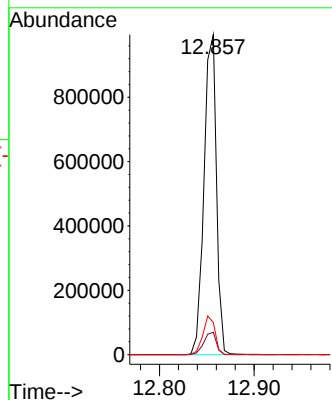
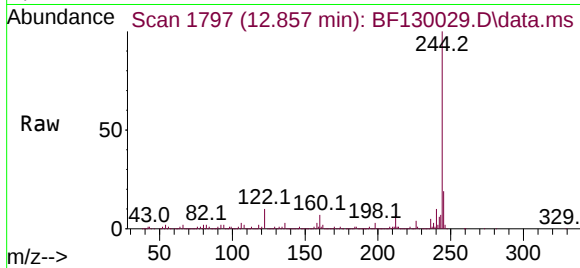




#79
 Terphenyl-d14
 Concen: 61.349 ng
 RT: 12.857 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130029.D
 Acq: 26 Aug 2022 20:55

Instrument :
 BNA_F
 ClientSampleId :
 DUP-X

Tgt Ion:244 Resp: 908556
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.0 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.363 min Scan# 2223
 Delta R.T. -0.006 min
 Lab File: BF130029.D
 Acq: 26 Aug 2022 20:55

Tgt Ion:264 Resp: 187674
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 20.8 16.7 25.1

