

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071422\
 Data File : BF129223.D
 Acq On : 14 Jul 2022 16:41
 Operator : CG\JU
 Sample : PB146145TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146145TB

Quant Time: Jul 14 18:44:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 14 16:23:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	334834	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	1400598	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	735821	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1221891	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	974521	20.000	ng	#-0.01
86) Perylene-d12	15.562	264	889962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	2099729	98.865	ng	0.01
7) Phenol-d6	6.522	99	2802591	103.404	ng	-0.01
23) Nitrobenzene-d5	7.457	82	1837533	69.542	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	738576	111.505	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	3180618	66.802	ng	0.00
79) Terphenyl-d14	13.021	244	3478062	71.648	ng	0.00

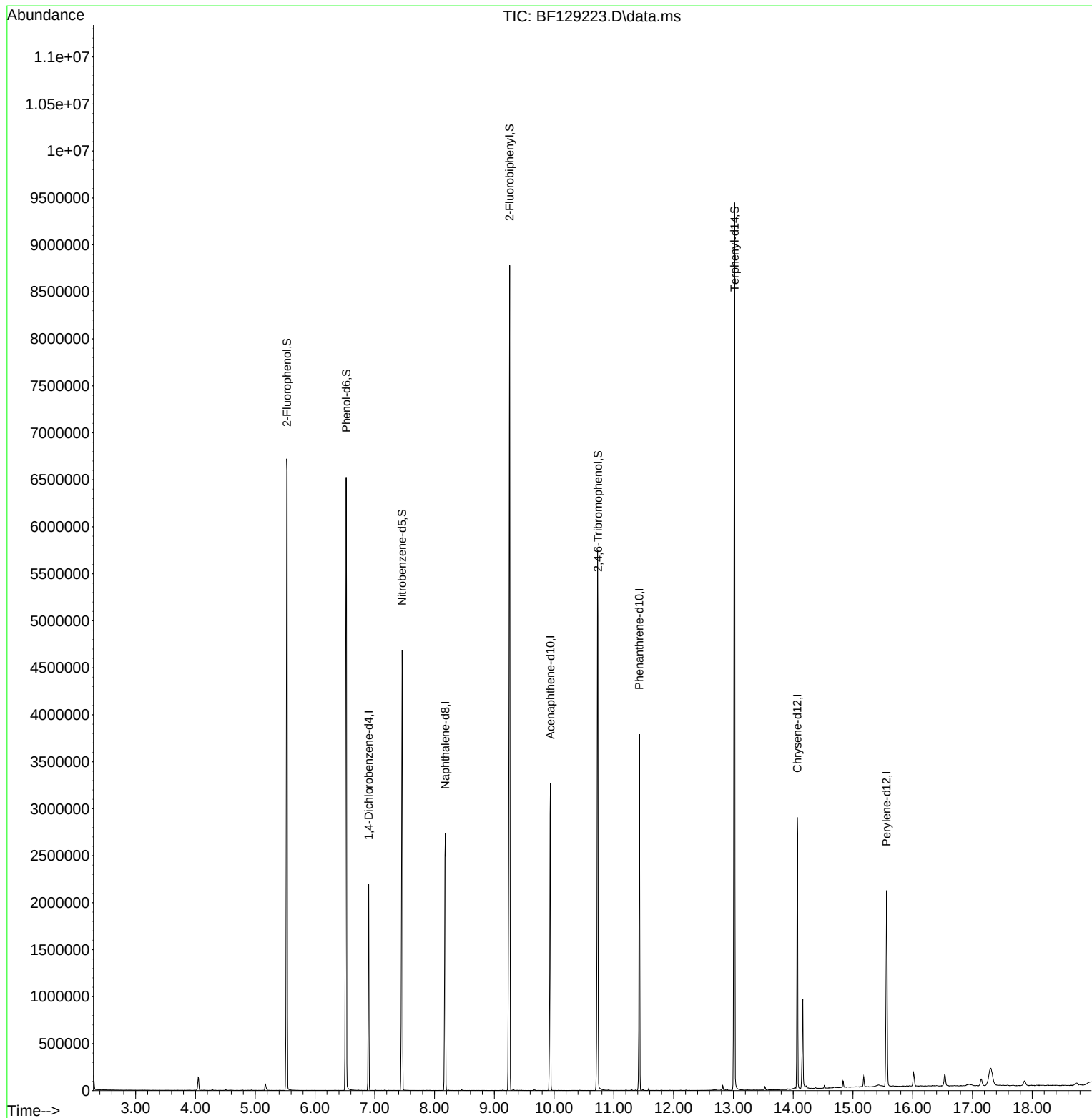
Target Compounds	Qvalue

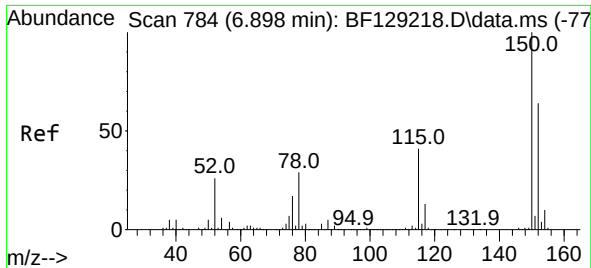
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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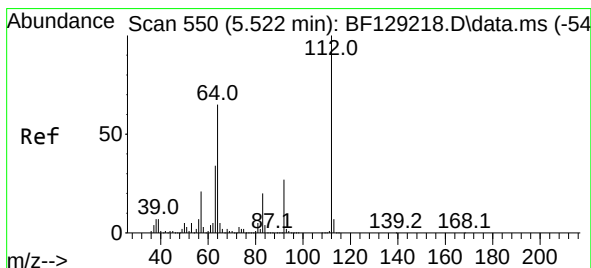
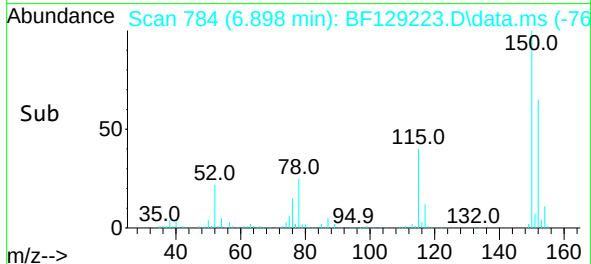
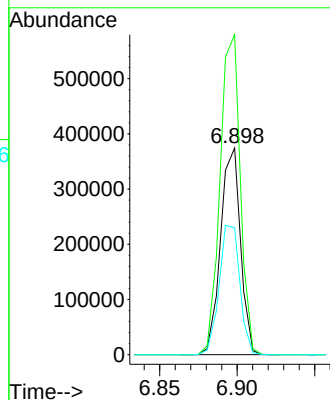
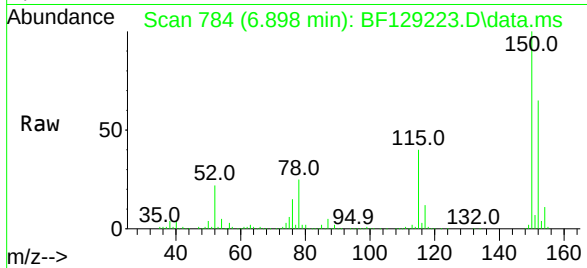




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF129223.D
 Acq: 14 Jul 2022 16:41

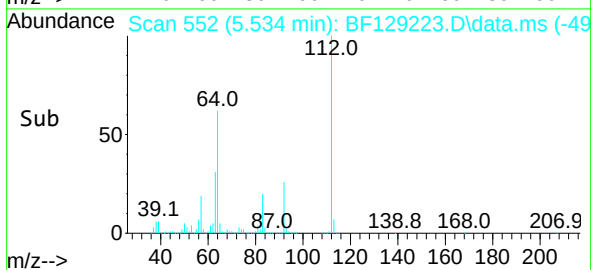
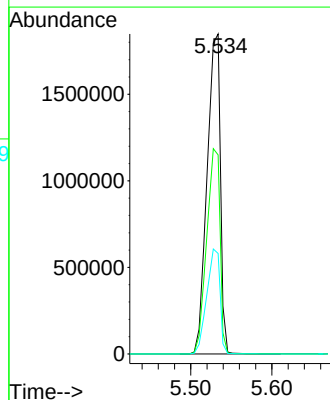
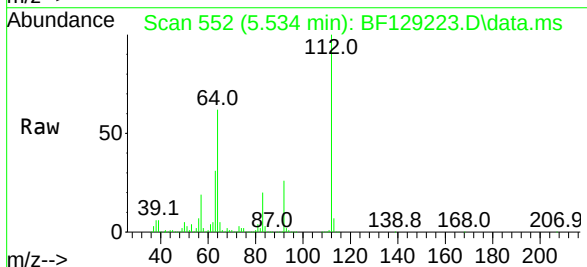
Instrument :
 BNA_F
 ClientSampleId :
 PB146145TB

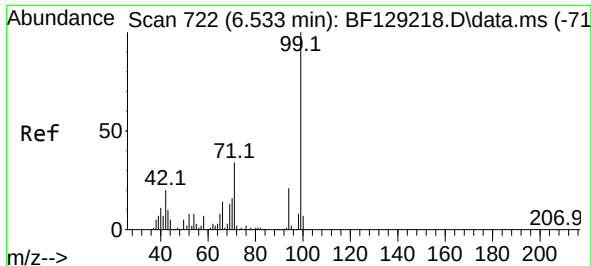
Tgt Ion:152 Resp: 334834
 Ion Ratio Lower Upper
 152 100
 150 154.8 123.7 185.5
 115 61.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 98.865 ng
 RT: 5.534 min Scan# 552
 Delta R.T. 0.012 min
 Lab File: BF129223.D
 Acq: 14 Jul 2022 16:41

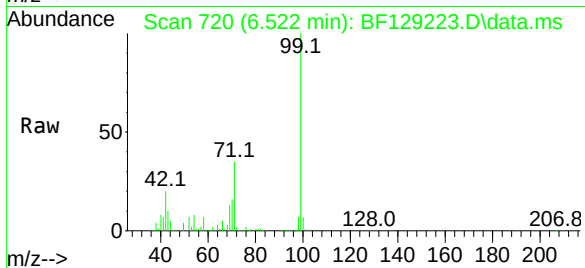
Tgt Ion:112 Resp: 2099729
 Ion Ratio Lower Upper
 112 100
 64 62.2 53.3 79.9
 63 31.4 28.0 42.0





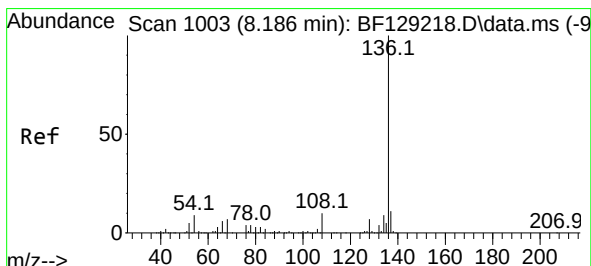
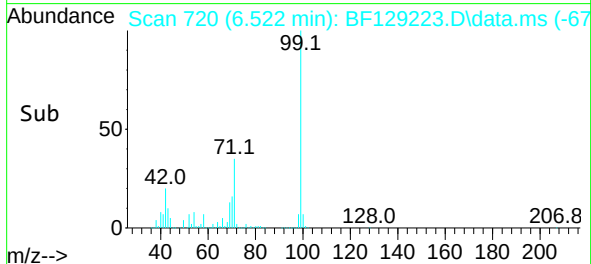
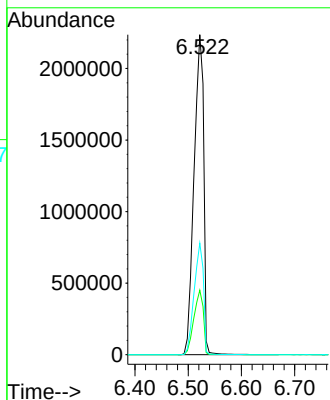
#7
Phenol-d6
Concen: 103.404 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129223.D
Acq: 14 Jul 2022 16:41

Instrument :
BNA_F
ClientSampleId :
PB146145TB



Tgt Ion: 99 Resp: 2802591

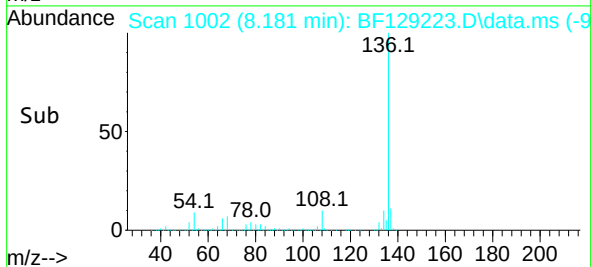
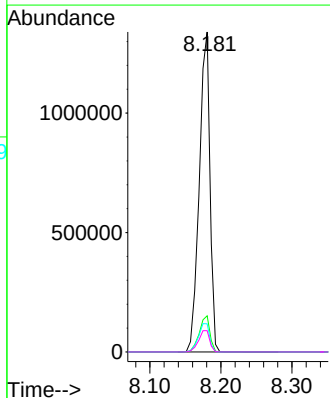
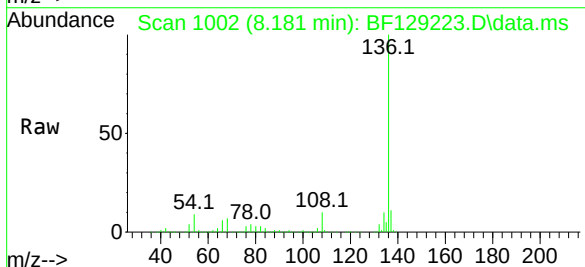
Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.3	25.9
71	34.9	28.9	43.3

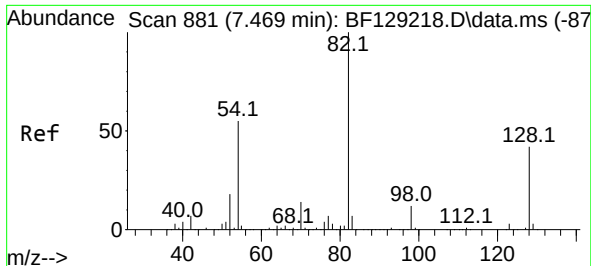


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF129223.D
Acq: 14 Jul 2022 16:41

Tgt Ion: 136 Resp: 1400598

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.8	7.5	11.3
68	6.6	4.7	7.1





#23

Nitrobenzene-d5

Concen: 69.542 ng

RT: 7.457 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF129223.D

Acq: 14 Jul 2022 16:41

Instrument :

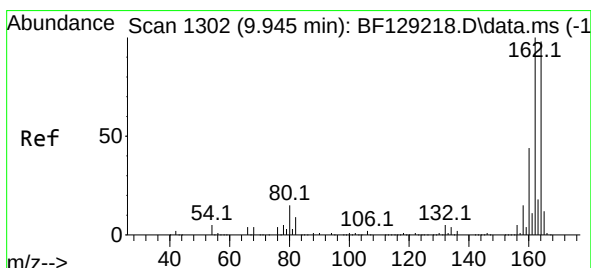
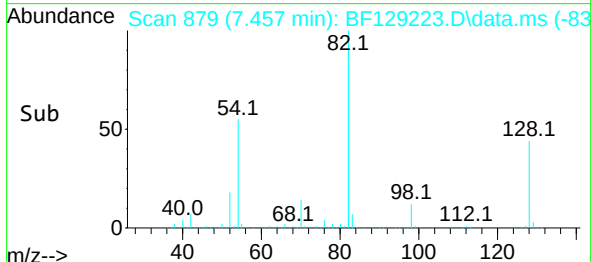
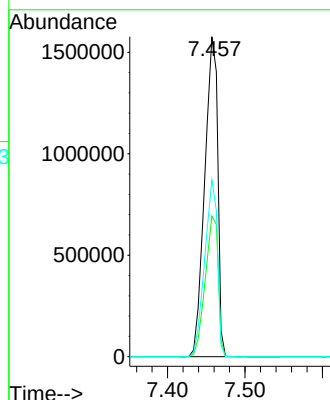
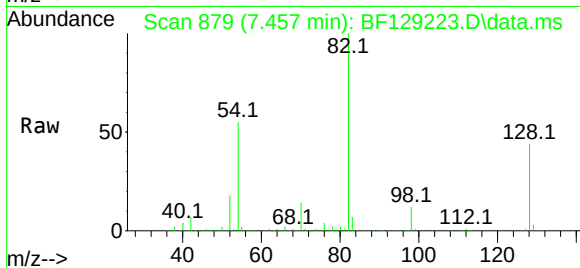
BNA_F

ClientSampleId :

PB146145TB

Tgt Ion: 82 Resp: 1837533

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.0	51.0
54	55.3	46.9	70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1301

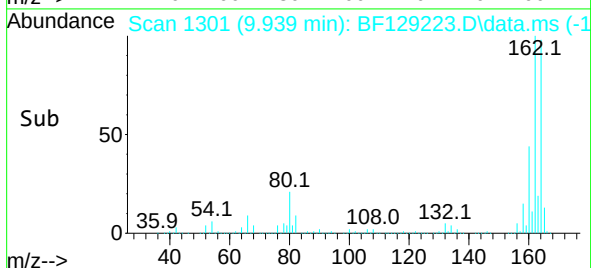
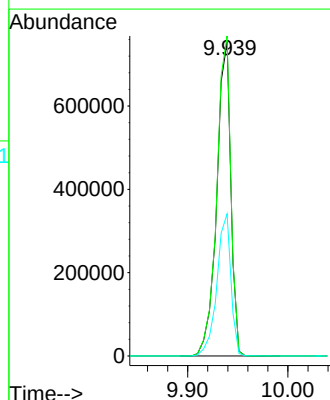
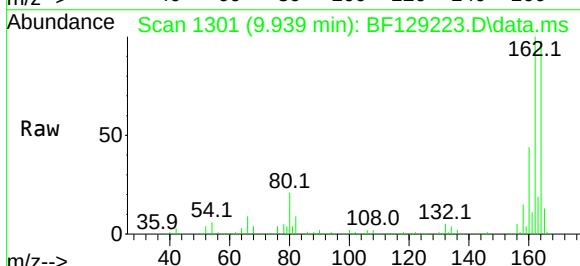
Delta R.T. -0.006 min

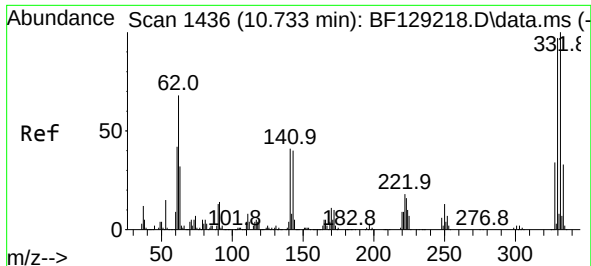
Lab File: BF129223.D

Acq: 14 Jul 2022 16:41

Tgt Ion:164 Resp: 735821

Ion	Ratio	Lower	Upper
164	100		
162	101.9	79.5	119.3
160	45.2	34.2	51.4

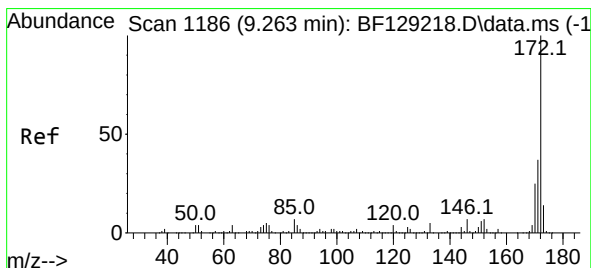
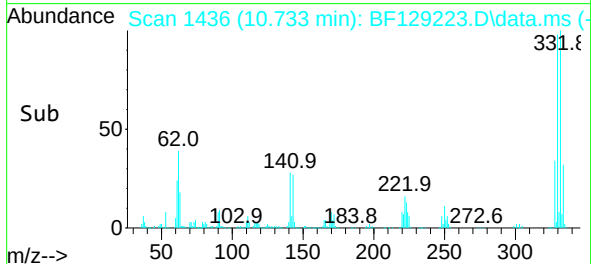
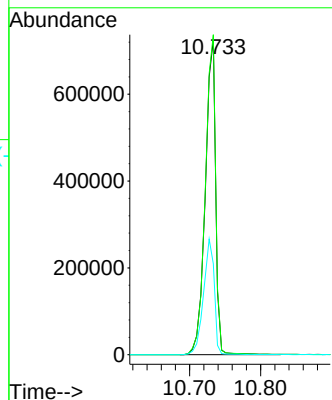
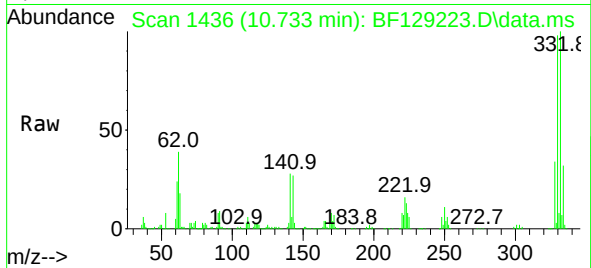




#42
2,4,6-Tribromophenol
Concen: 111.505 ng
RT: 10.733 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF129223.D
Acq: 14 Jul 2022 16:41

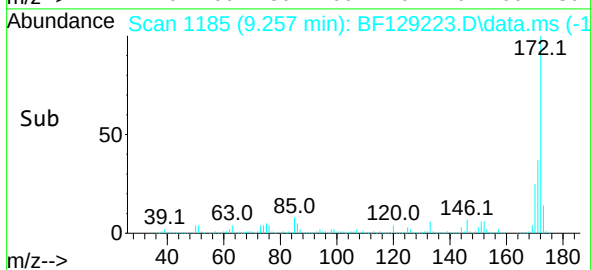
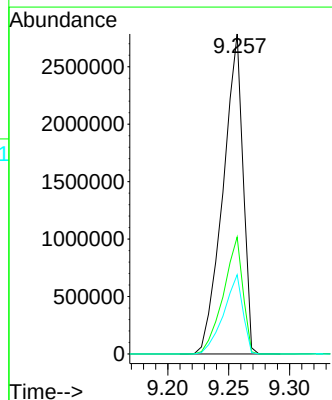
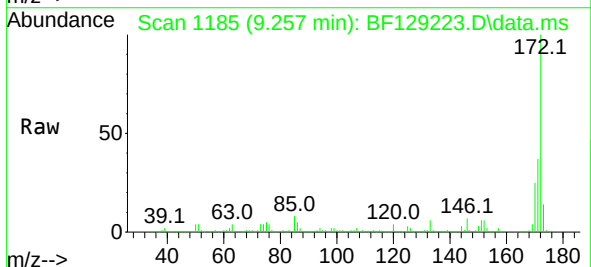
Instrument :
BNA_F
ClientSampleId :
PB146145TB

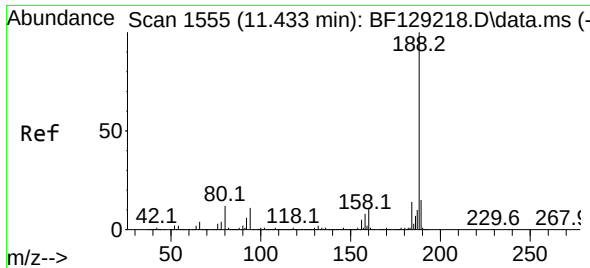
Tgt Ion: 330 Resp: 738576
Ion Ratio Lower Upper
330 100
332 101.9 76.8 115.2
141 38.2 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 66.802 ng
RT: 9.257 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF129223.D
Acq: 14 Jul 2022 16:41

Tgt Ion: 172 Resp: 3180618
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 24.7 19.8 29.8

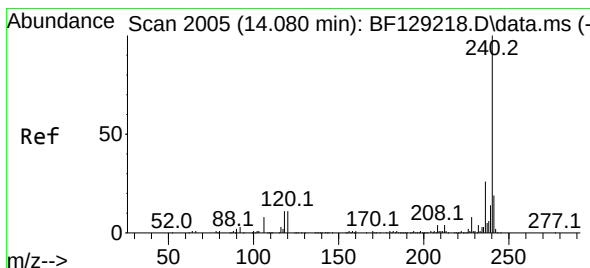
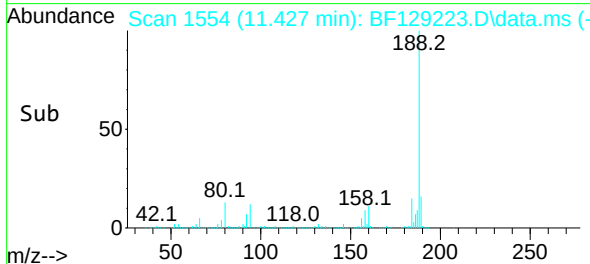
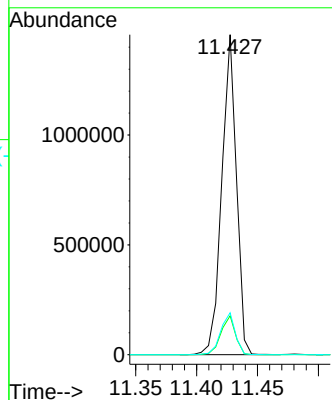
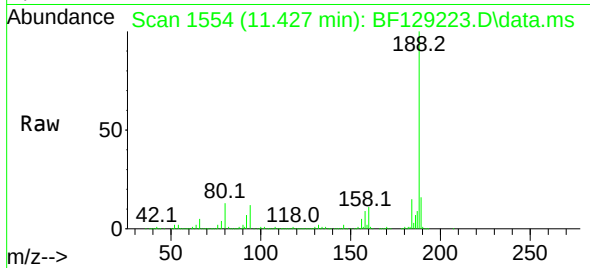




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129223.D
Acq: 14 Jul 2022 16:41

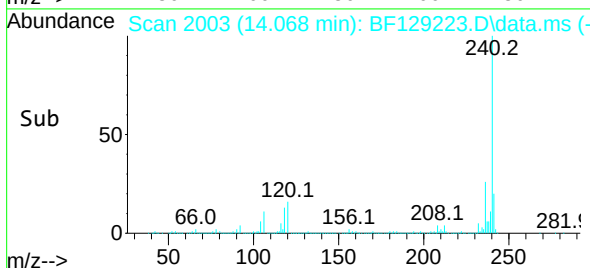
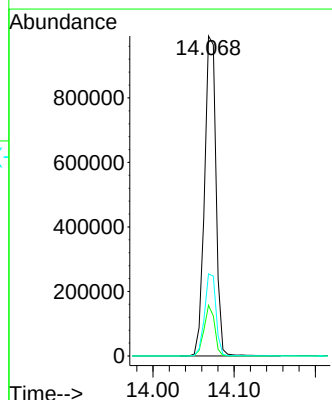
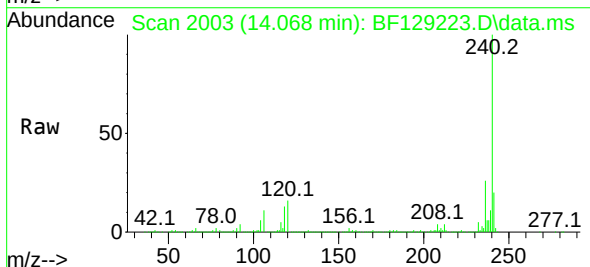
Instrument :
BNA_F
ClientSampleId :
PB146145TB

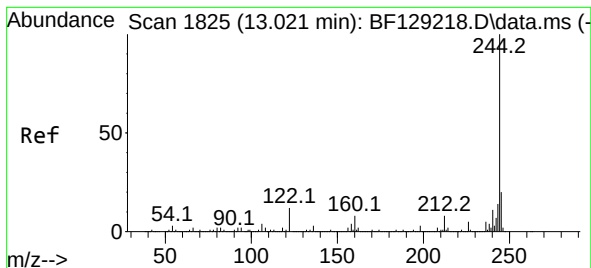
Tgt Ion:188 Resp: 1221891
Ion Ratio Lower Upper
188 100
94 12.2 7.0 10.6#
80 13.1 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129223.D
Acq: 14 Jul 2022 16:41

Tgt Ion:240 Resp: 974521
Ion Ratio Lower Upper
240 100
120 15.8 8.9 13.3#
236 25.6 20.8 31.2





#79

Terphenyl-d14

Concen: 71.648 ng

RT: 13.021 min Scan# 1825

Delta R.T. 0.000 min

Lab File: BF129223.D

Acq: 14 Jul 2022 16:41

Instrument :

BNA_F

ClientSampleId :

PB146145TB

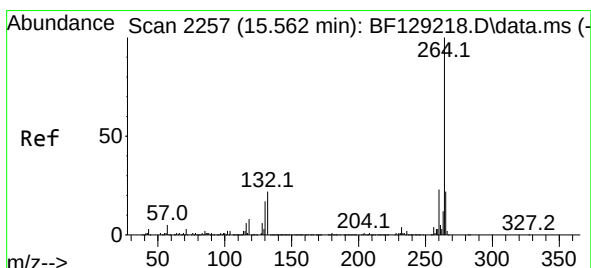
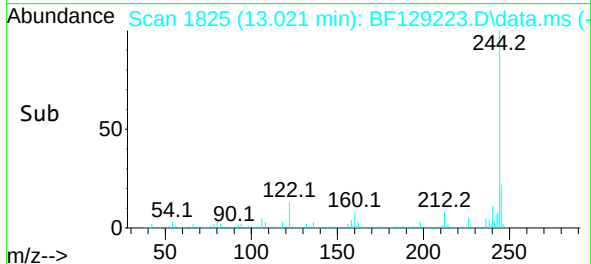
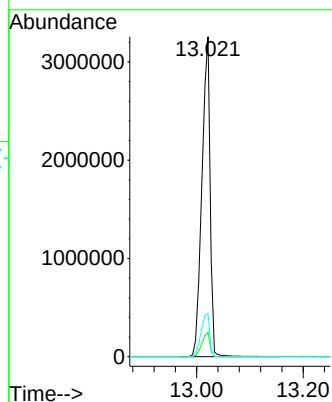
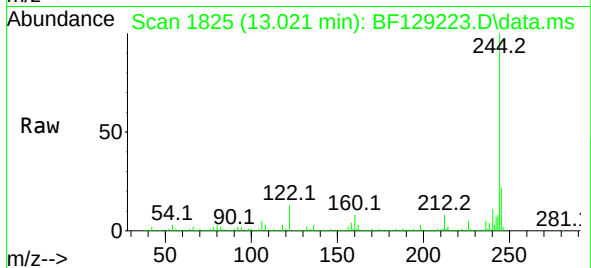
Tgt Ion:244 Resp: 3478062

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

122 13.5 8.8 13.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2257

Delta R.T. 0.000 min

Lab File: BF129223.D

Acq: 14 Jul 2022 16:41

Tgt Ion:264 Resp: 889962

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 21.0 17.2 25.8

