

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
 Data File : BF132593.D
 Acq On : 01 Mar 2023 16:11
 Operator : CG\JU
 Sample : 01739-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1-COMP-1

Quant Time: Mar 02 03:17:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

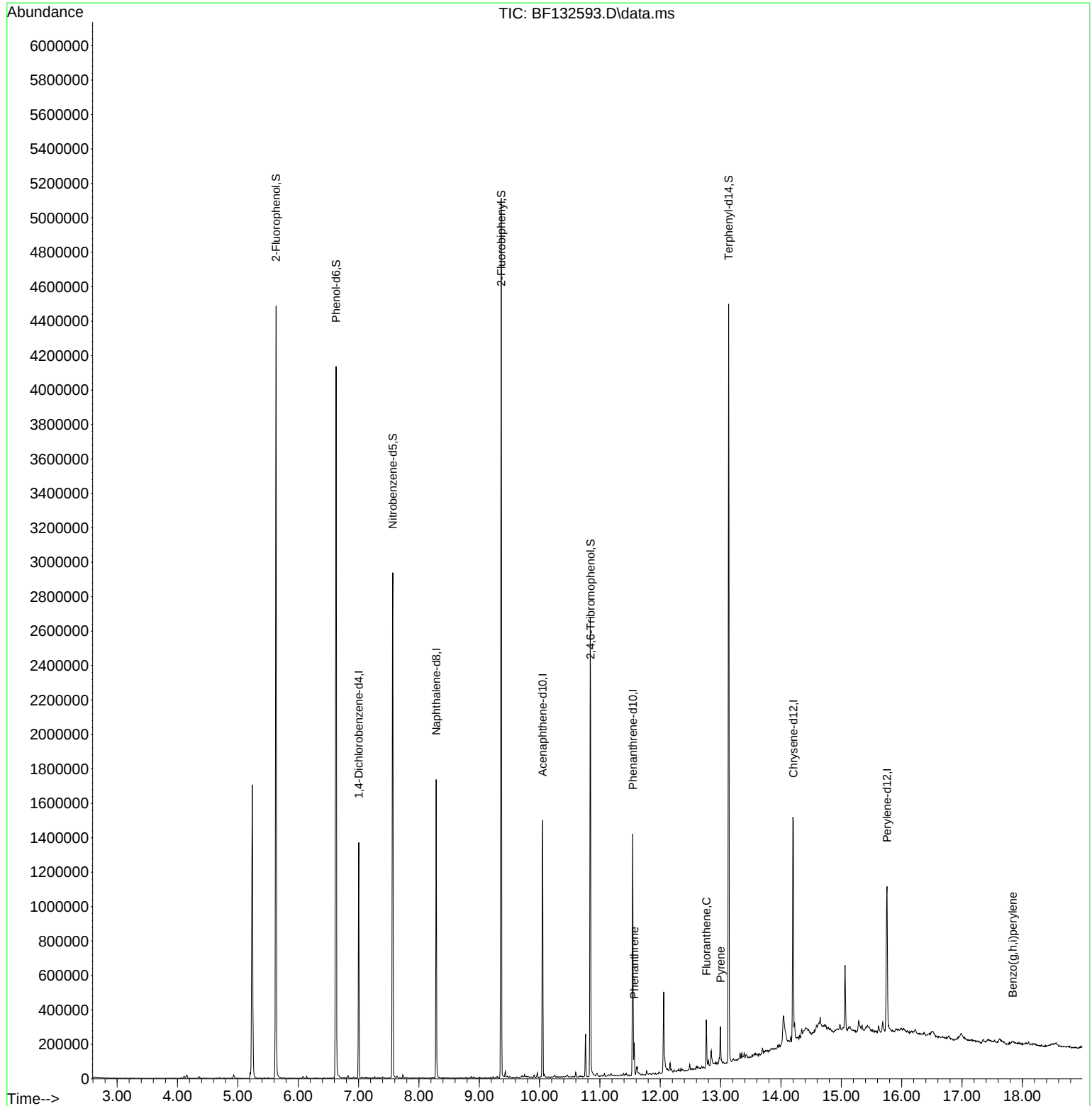
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	192750	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	658736	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	298262	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	512284	20.000	ng	0.00
76) Chrysene-d12	14.204	240	470402	20.000	ng	0.00
86) Perylene-d12	15.757	264	421845	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1264173	106.444	ng	0.00
7) Phenol-d6	6.628	99	1572920	101.480	ng	0.00
23) Nitrobenzene-d5	7.569	82	991688	71.425	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	322164	100.017	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1482383	75.677	ng	0.00
79) Terphenyl-d14	13.133	244	1593046	57.258	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.569	178	64688	2.437	ng	97
75) Fluoranthene	12.763	202	95381	3.288	ng	98
78) Pyrene	12.998	202	86009	2.011	ng	99
92) Benzo(g,h,i)perylene	17.839	276	11202	2.040	ng	# 80

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

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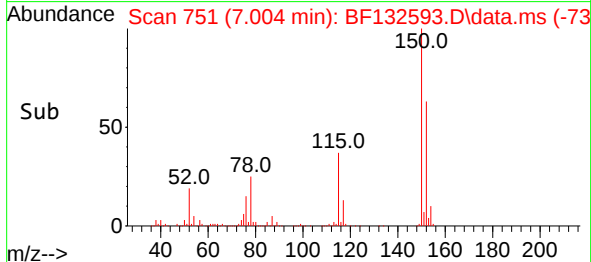
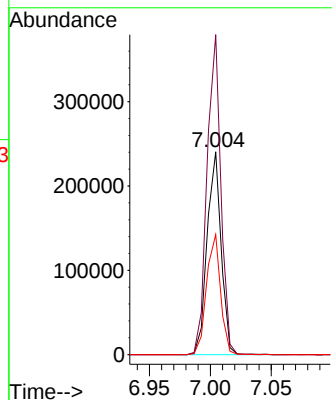
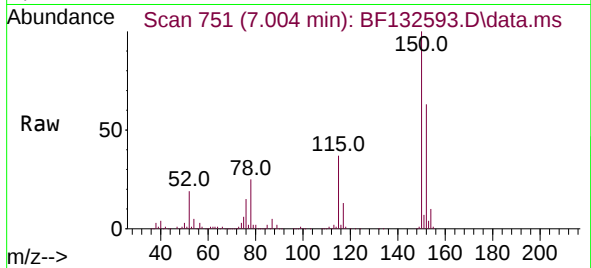




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.004 min Scan# 710
 Delta R.T. -0.003 min
 Lab File: BF132593.D
 Acq: 01 Mar 2023 16:11

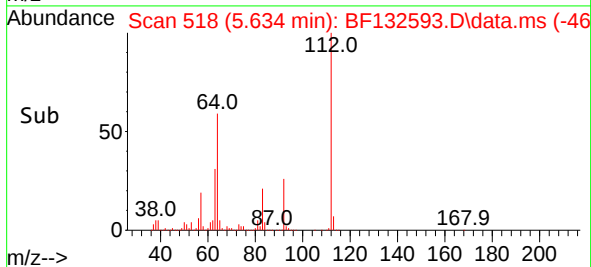
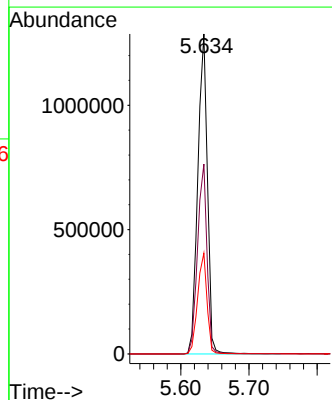
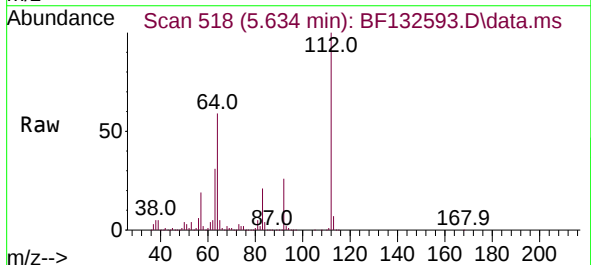
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1-COMP-1

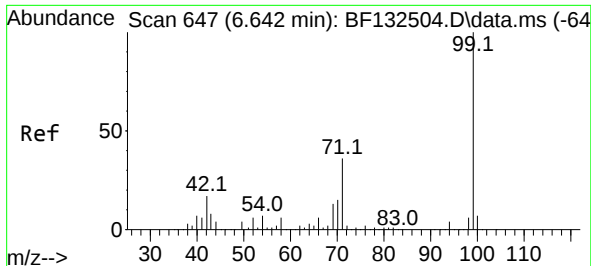
Tgt Ion:152 Resp: 192750
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.4 188.2
 115 59.1 47.8 71.6



#5
 2-Fluorophenol
 Concen: 106.444 ng
 RT: 5.634 min Scan# 518
 Delta R.T. 0.003 min
 Lab File: BF132593.D
 Acq: 01 Mar 2023 16:11

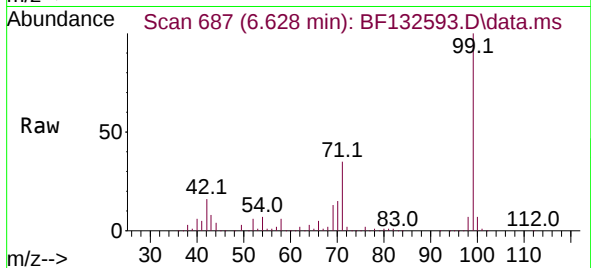
Tgt Ion:112 Resp: 1264173
 Ion Ratio Lower Upper
 112 100
 64 59.3 51.6 77.4
 63 31.5 27.4 41.2





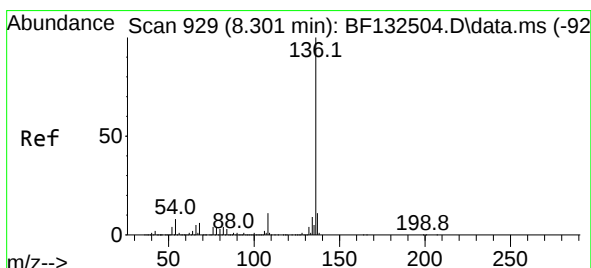
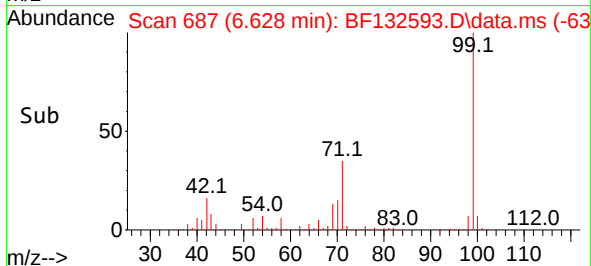
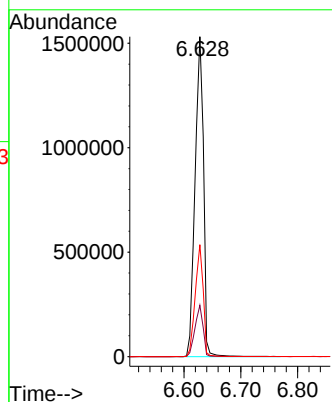
#7
Phenol-d6
Concen: 101.480 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132593.D
Acq: 01 Mar 2023 16:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-COMP-1



Tgt Ion: 99 Resp: 1572920

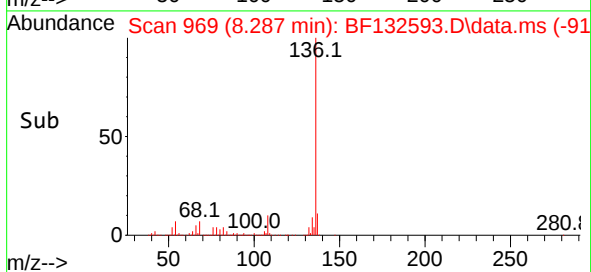
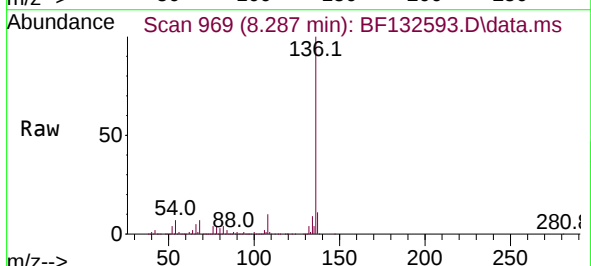
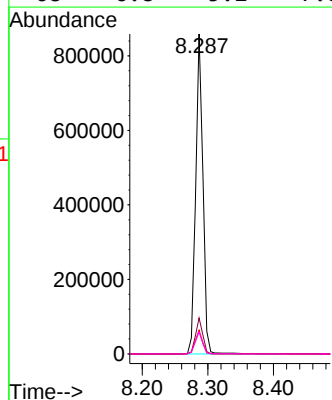
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.9	20.9
71	35.0	28.5	42.7

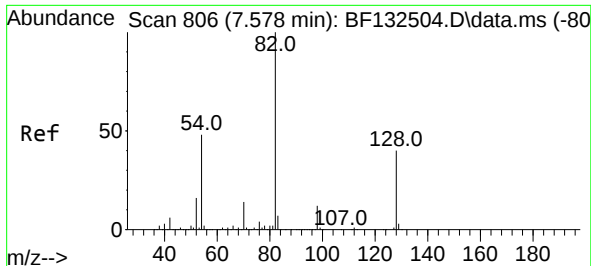


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 969
Delta R.T. -0.003 min
Lab File: BF132593.D
Acq: 01 Mar 2023 16:11

Tgt Ion: 136 Resp: 658736

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.4	6.2	9.4
68	6.8	5.2	7.8





#23

Nitrobenzene-d5

Concen: 71.425 ng

RT: 7.569 min Scan# 84

Delta R.T. -0.003 min

Lab File: BF132593.D

Acq: 01 Mar 2023 16:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1-COMP-1

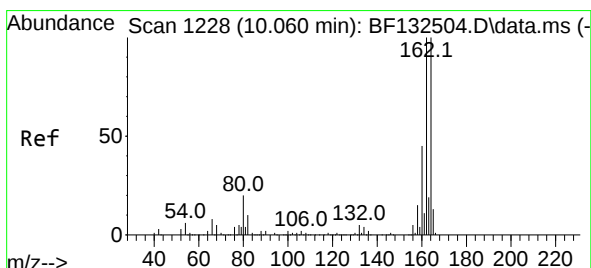
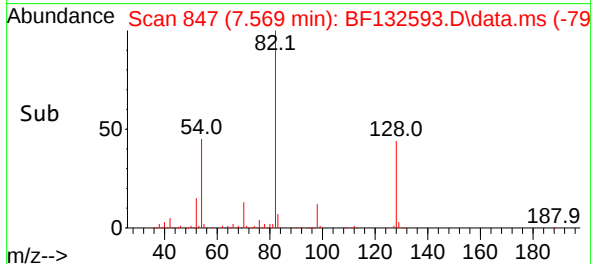
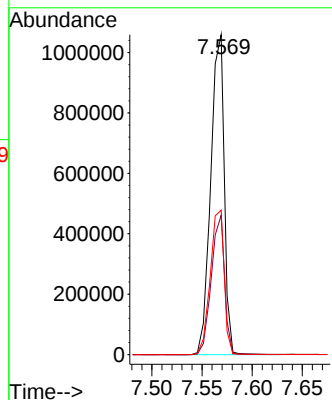
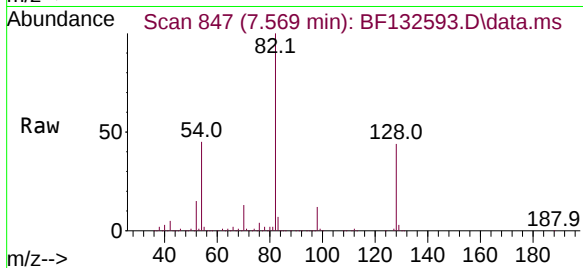
Tgt Ion: 82 Resp: 991688

Ion Ratio Lower Upper

82 100

128 43.5 32.2 48.2

54 45.1 38.4 57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.051 min Scan# 1269

Delta R.T. -0.003 min

Lab File: BF132593.D

Acq: 01 Mar 2023 16:11

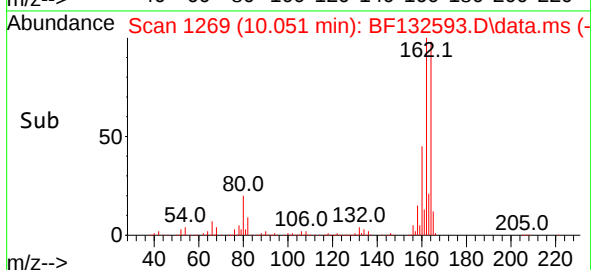
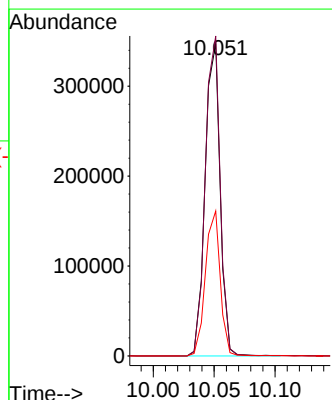
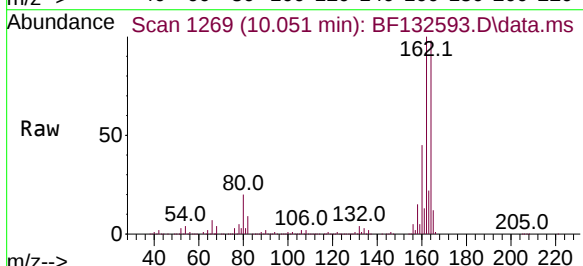
Tgt Ion:164 Resp: 298262

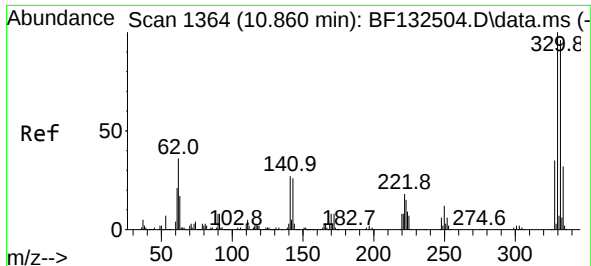
Ion Ratio Lower Upper

164 100

162 102.4 79.8 119.8

160 46.4 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 100.017 ng

RT: 10.845 min Scan# 1404

Delta R.T. -0.003 min

Lab File: BF132593.D

Acq: 01 Mar 2023 16:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1-COMP-1

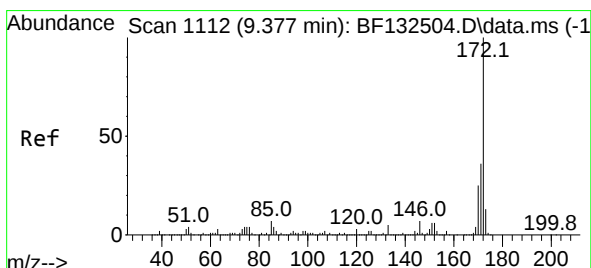
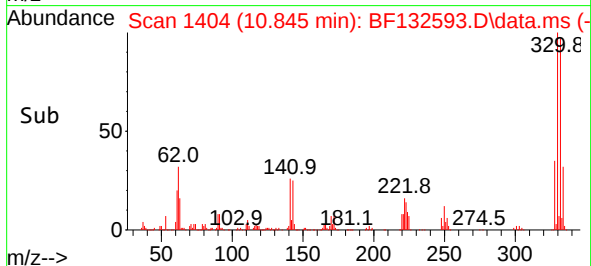
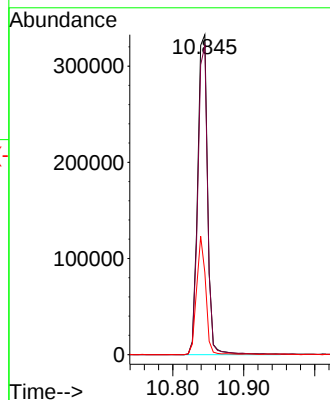
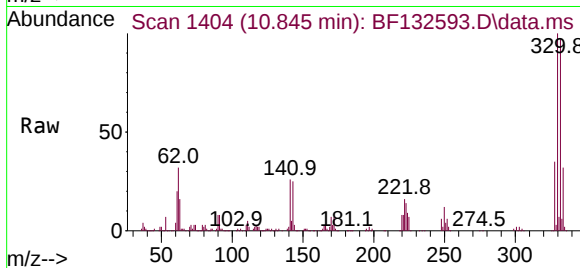
Tgt Ion:330 Resp: 322164

Ion Ratio Lower Upper

330 100

332 95.2 76.2 114.4

141 33.9 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 75.677 ng

RT: 9.363 min Scan# 1152

Delta R.T. -0.009 min

Lab File: BF132593.D

Acq: 01 Mar 2023 16:11

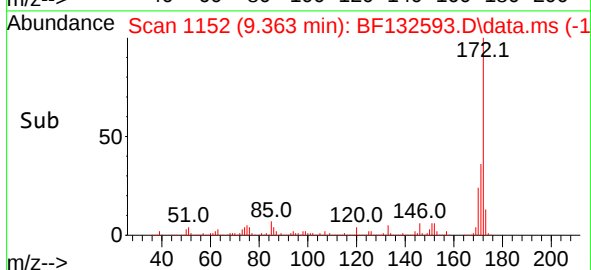
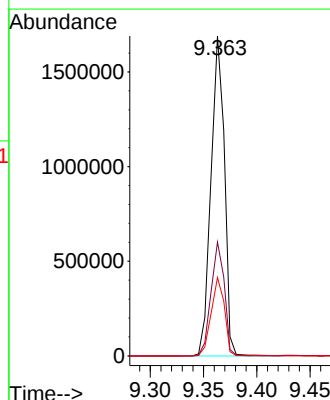
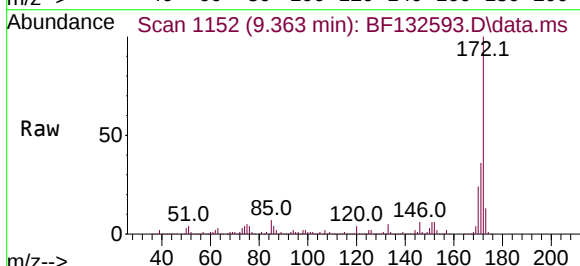
Tgt Ion:172 Resp: 1482383

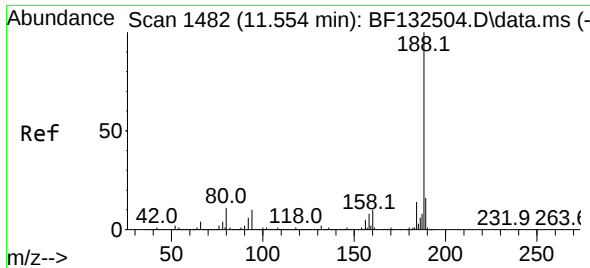
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.5 19.7 29.5

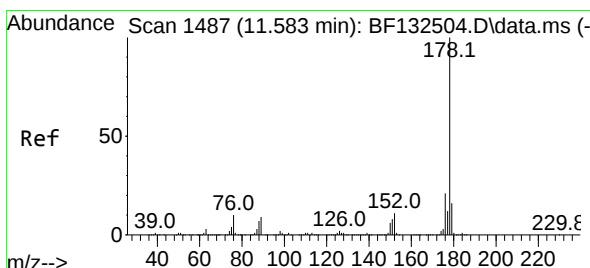
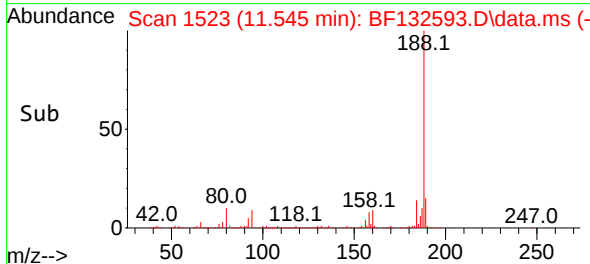
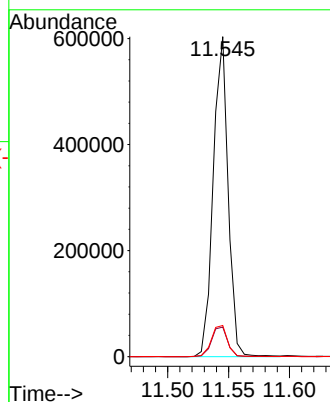
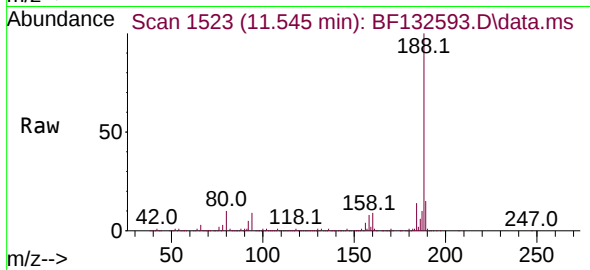




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132593.D
Acq: 01 Mar 2023 16:11

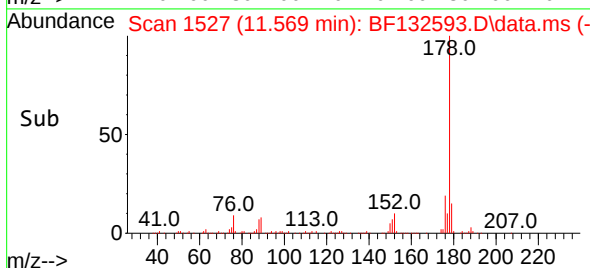
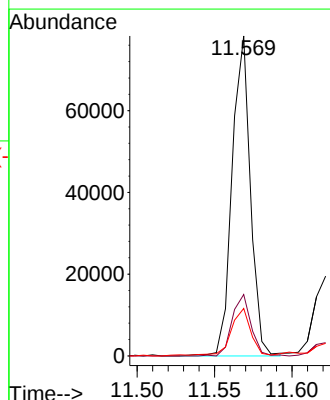
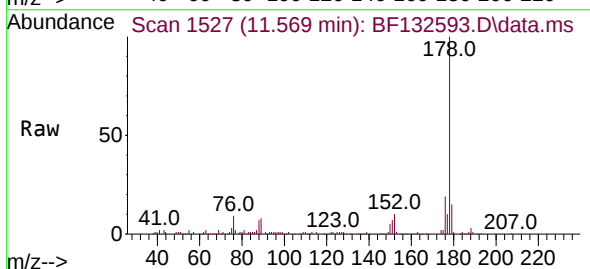
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-COMP-1

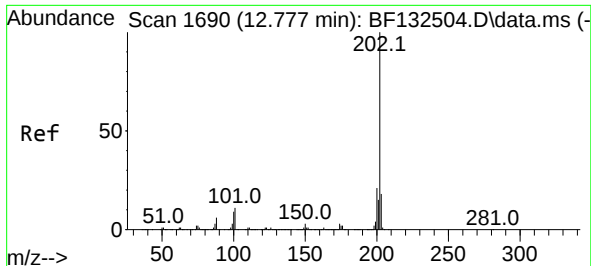
Tgt Ion:188 Resp: 512284
Ion Ratio Lower Upper
188 100
94 9.2 8.3 12.5
80 9.7 8.7 13.1



#71
Phenanthrene
Concen: 2.437 ng
RT: 11.569 min Scan# 1527
Delta R.T. -0.009 min
Lab File: BF132593.D
Acq: 01 Mar 2023 16:11

Tgt Ion:178 Resp: 64688
Ion Ratio Lower Upper
178 100
176 19.2 16.5 24.7
179 14.8 13.0 19.6

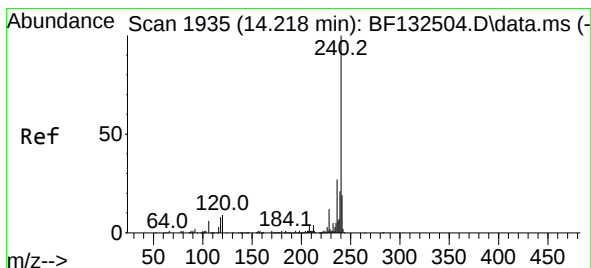
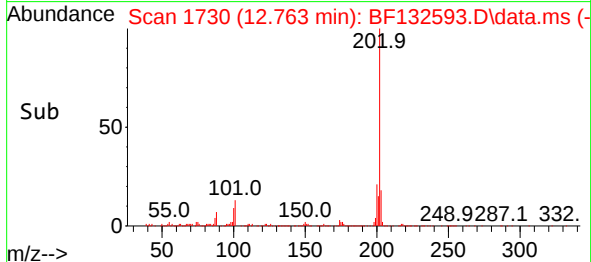
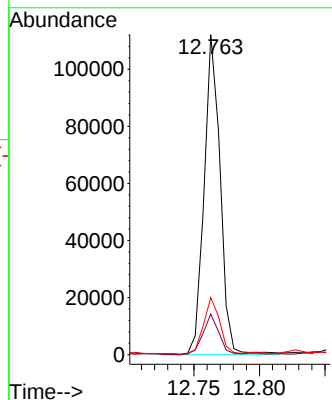
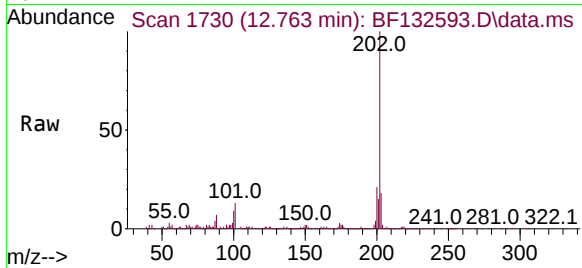




#75
Fluoranthene
Concen: 3.288 ng
RT: 12.763 min Scan# 1730
Delta R.T. -0.009 min
Lab File: BF132593.D
Acq: 01 Mar 2023 16:11

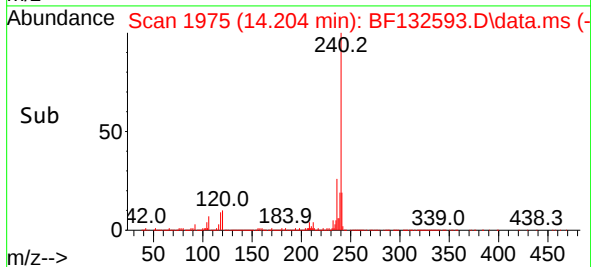
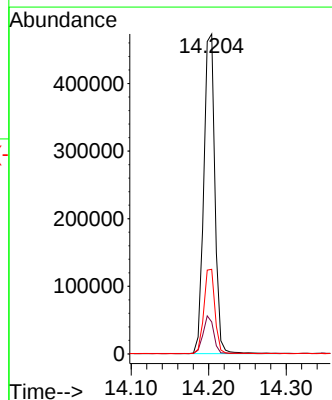
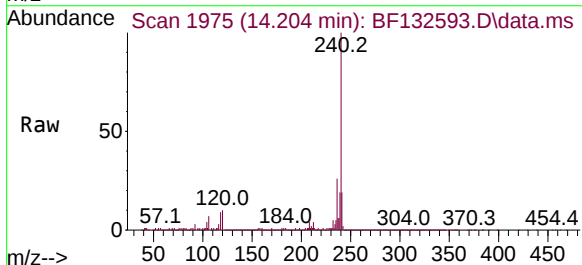
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-COMP-1

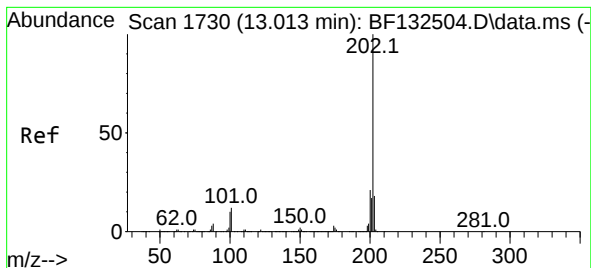
Tgt Ion:202 Resp: 95381
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.4
203 17.8 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132593.D
Acq: 01 Mar 2023 16:11

Tgt Ion:240 Resp: 470402
Ion Ratio Lower Upper
240 100
120 10.0 7.2 10.8
236 26.4 21.8 32.6





#78

Pyrene

Concen: 2.011 ng

RT: 12.998 min Scan# 1770

Delta R.T. -0.003 min

Lab File: BF132593.D

Acq: 01 Mar 2023 16:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1-COMP-1

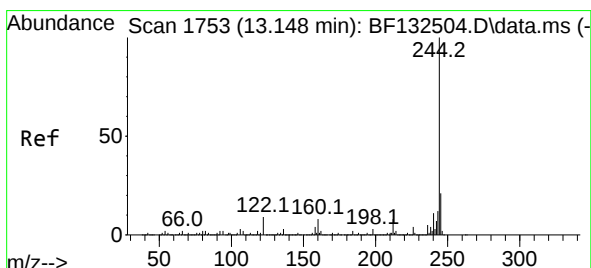
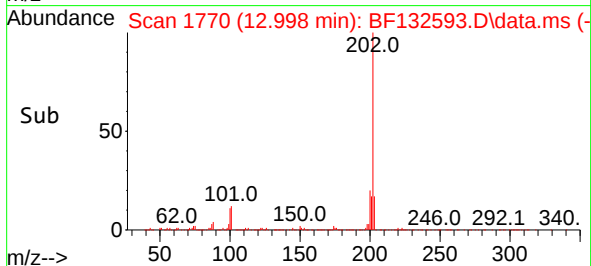
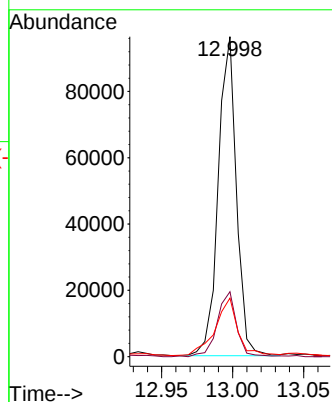
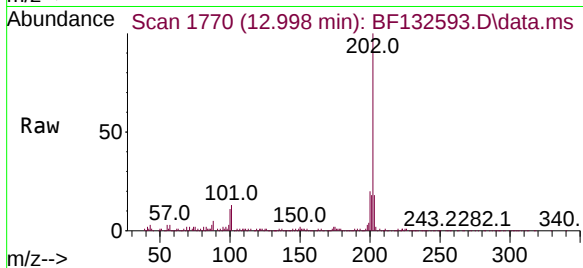
Tgt Ion:202 Resp: 86009

Ion Ratio Lower Upper

202 100

200 20.3 17.1 25.7

203 18.3 14.6 21.8



#79

Terphenyl-d14

Concen: 57.258 ng

RT: 13.133 min Scan# 1793

Delta R.T. -0.009 min

Lab File: BF132593.D

Acq: 01 Mar 2023 16:11

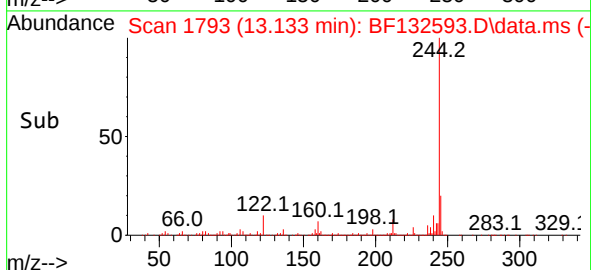
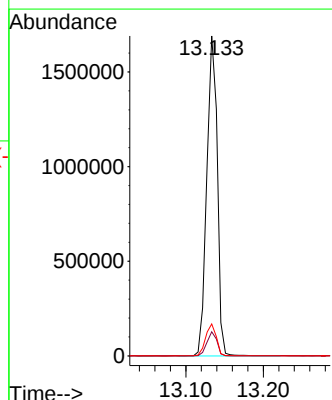
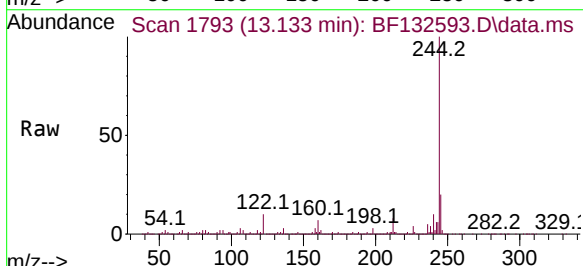
Tgt Ion:244 Resp: 1593046

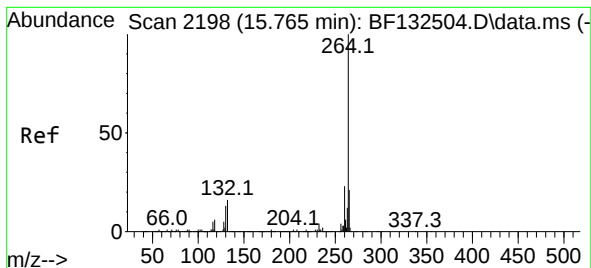
Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

122 10.0 7.5 11.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.757 min Scan# 21

Delta R.T. 0.003 min

Lab File: BF132593.D

Acq: 01 Mar 2023 16:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1-COMP-1

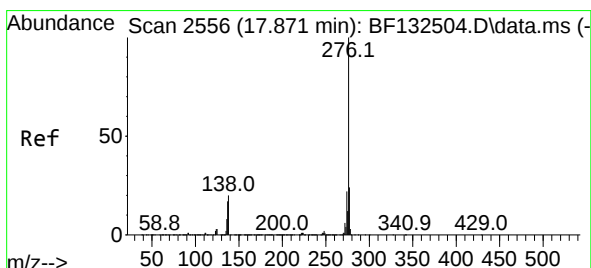
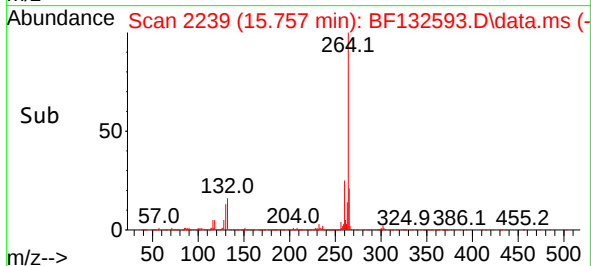
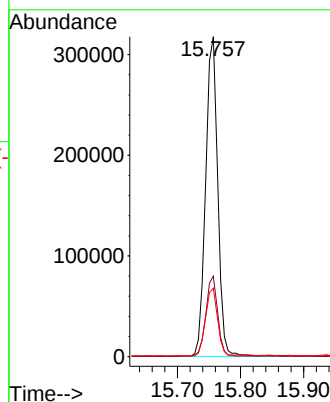
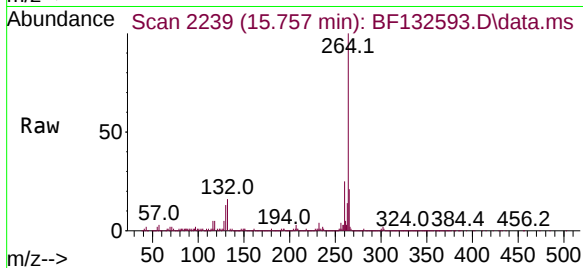
Tgt Ion:264 Resp: 421845

Ion Ratio Lower Upper

264 100

260 25.1 18.8 28.2

265 21.4 17.1 25.7



#92

Benzo(g,h,i)perylene

Concen: 2.040 ng

RT: 17.839 min Scan# 2593

Delta R.T. -0.015 min

Lab File: BF132593.D

Acq: 01 Mar 2023 16:11

Tgt Ion:276 Resp: 11202

Ion Ratio Lower Upper

276 100

277 33.0 18.9 28.3#

138 29.6 16.2 24.4#

