

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
 Data File : BF132713.D
 Acq On : 09 Mar 2023 12:24
 Operator : CG\JU
 Sample : 01829-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-01-20230306

Quant Time: Mar 09 13:59:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 11:52:47 2023
 Response via : Initial Calibration

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

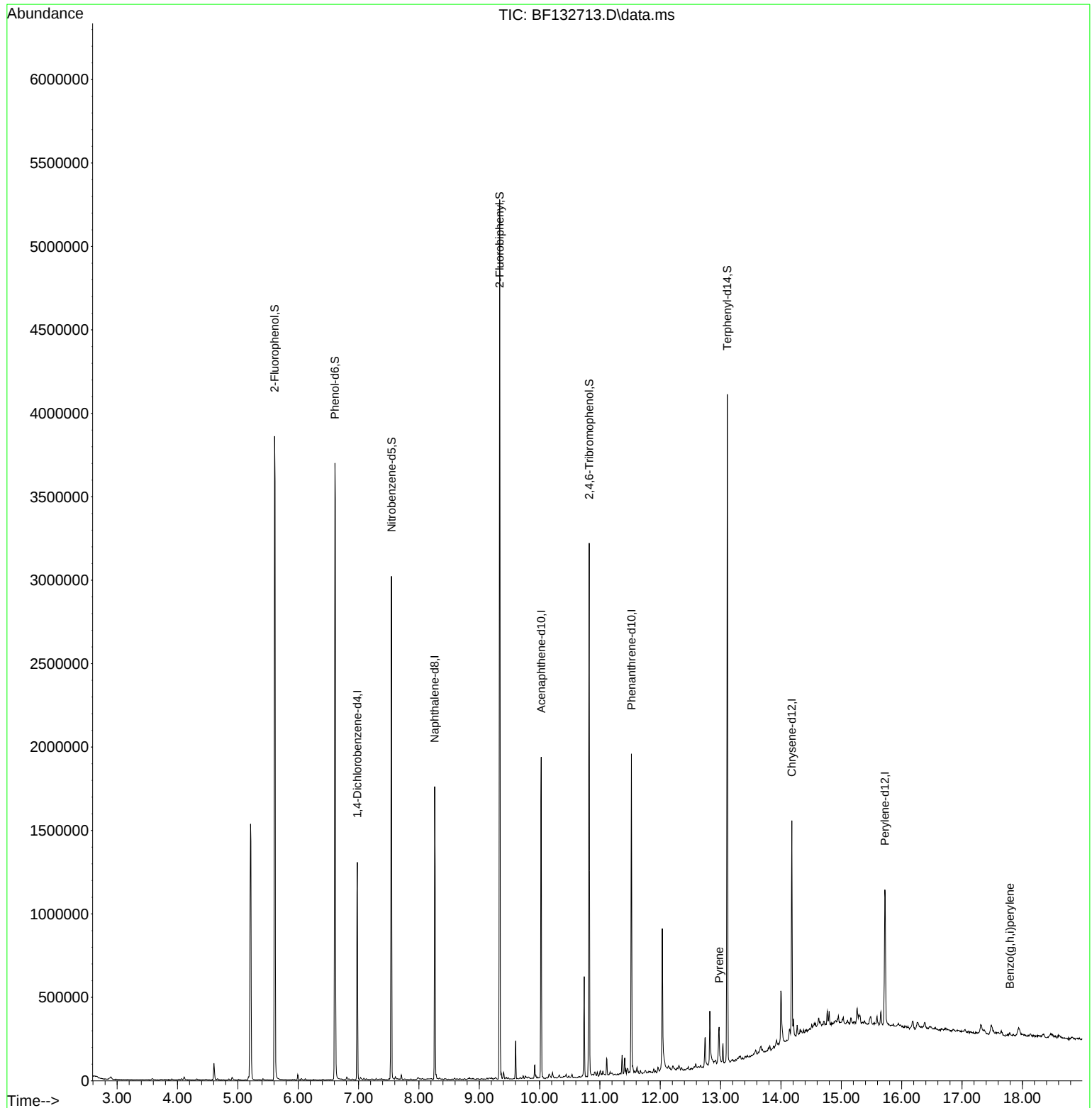
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	187864	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	705585	20.000	ng	0.00
39) Acenaphthene-d10	10.027	164	383715	20.000	ng	0.00
64) Phenanthrene-d10	11.521	188	668150	20.000	ng	0.00
76) Chrysene-d12	14.180	240	414032	20.000	ng	0.00
86) Perylene-d12	15.721	264	414732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1120983	96.843	ng	0.00
7) Phenol-d6	6.610	99	1418995	93.931	ng	-0.01
23) Nitrobenzene-d5	7.545	82	918673	61.773	ng	-0.01
42) 2,4,6-Tribromophenol	10.822	330	362613	87.504	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	1500724	59.552	ng	0.00
79) Terphenyl-d14	13.110	244	1405793	57.407	ng	0.00
Target Compounds						
78) Pyrene	12.974	202	90602	2.407	ng	Qvalue 97
92) Benzo(g,h,i)perylene	17.792	276	14302	2.167	ng	# 82

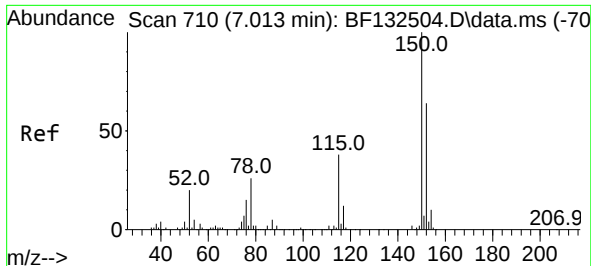
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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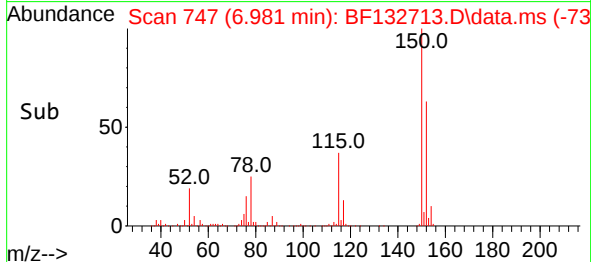
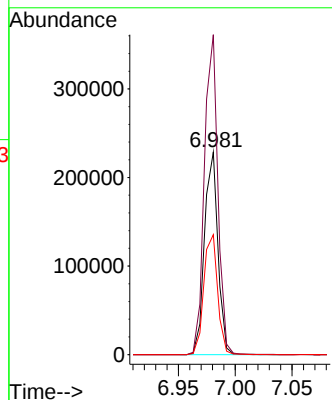
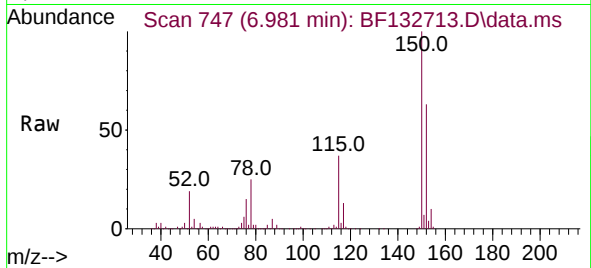




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.981 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: BF132713.D
 Acq: 09 Mar 2023 12:24

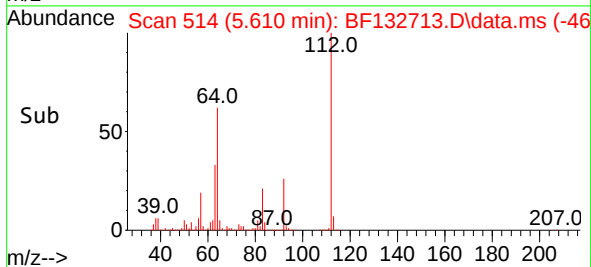
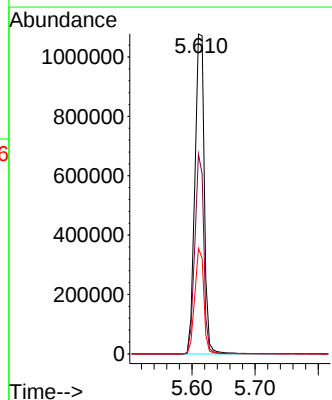
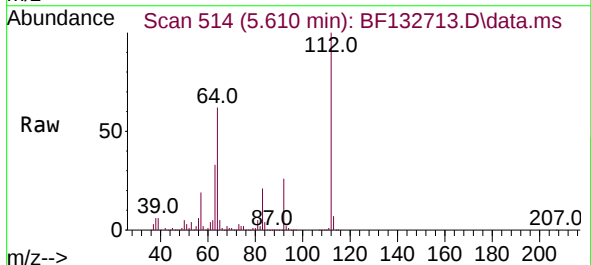
Instrument :
 BNA_F
 ClientSampleId :
 SS-01-20230306

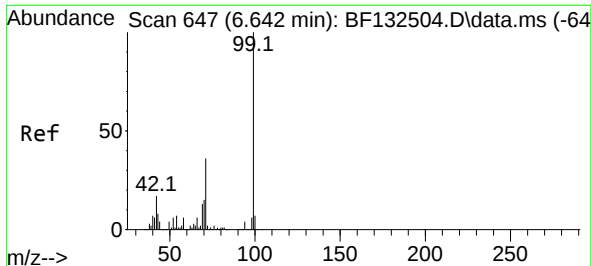
Tgt Ion:152 Resp: 187864
 Ion Ratio Lower Upper
 152 100
 150 158.1 125.4 188.2
 115 59.2 47.8 71.6



#5
 2-Fluorophenol
 Concen: 96.843 ng
 RT: 5.610 min Scan# 514
 Delta R.T. 0.000 min
 Lab File: BF132713.D
 Acq: 09 Mar 2023 12:24

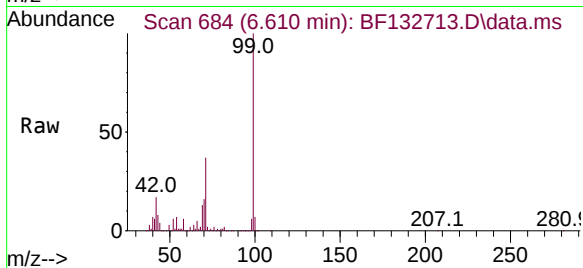
Tgt Ion:112 Resp: 1120983
 Ion Ratio Lower Upper
 112 100
 64 62.5 51.6 77.4
 63 33.0 27.4 41.2



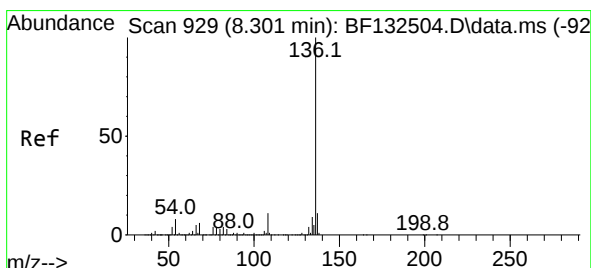
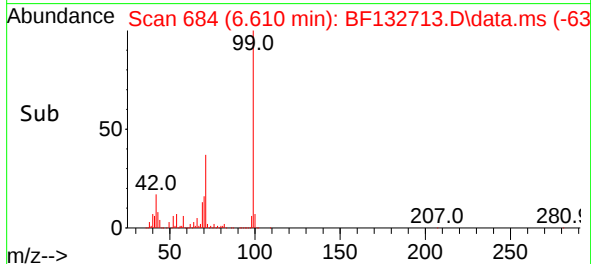
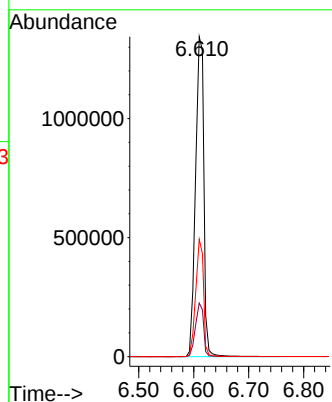


#7
Phenol-d6
Concen: 93.931 ng
RT: 6.610 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132713.D
Acq: 09 Mar 2023 12:24

Instrument :
BNA_F
ClientSampleId :
SS-01-20230306

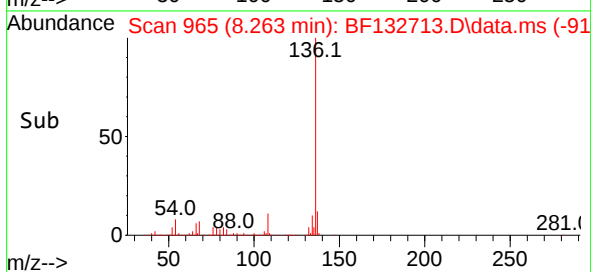
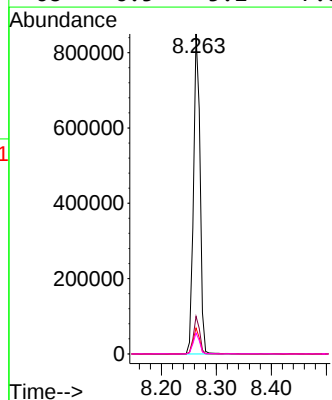
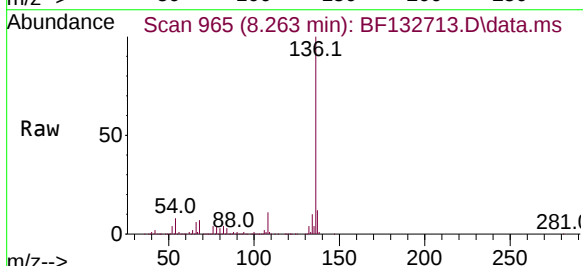


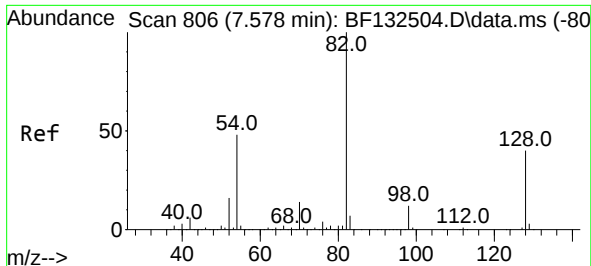
Tgt Ion: 99 Resp: 1418995
Ion Ratio Lower Upper
99 100
42 16.7 13.9 20.9
71 36.7 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF132713.D
Acq: 09 Mar 2023 12:24

Tgt Ion: 136 Resp: 705585
Ion Ratio Lower Upper
136 100
137 11.8 8.9 13.3
54 8.1 6.2 9.4
68 6.5 5.2 7.8





#23

Nitrobenzene-d5

Concen: 61.773 ng

RT: 7.545 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF132713.D

Acq: 09 Mar 2023 12:24

Instrument :

BNA_F

ClientSampleId :

SS-01-20230306

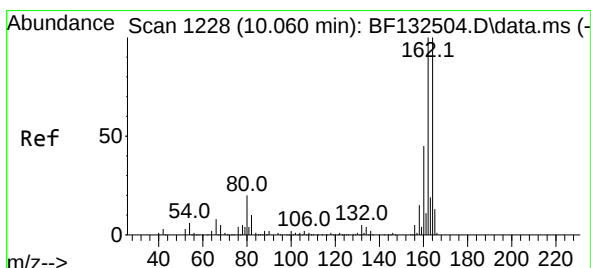
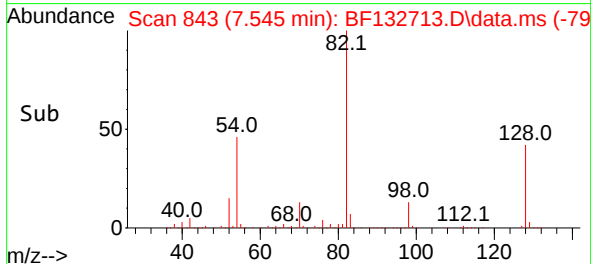
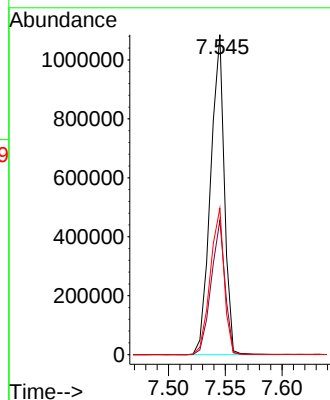
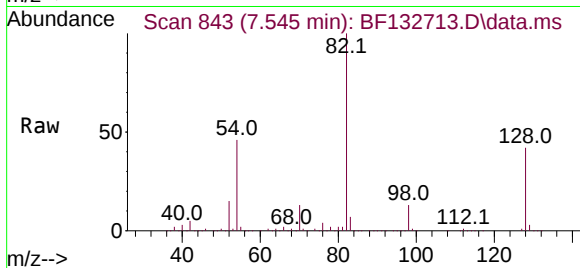
Tgt Ion: 82 Resp: 918673

Ion Ratio Lower Upper

82 100

128 42.0 32.2 48.2

54 45.7 38.4 57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.027 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BF132713.D

Acq: 09 Mar 2023 12:24

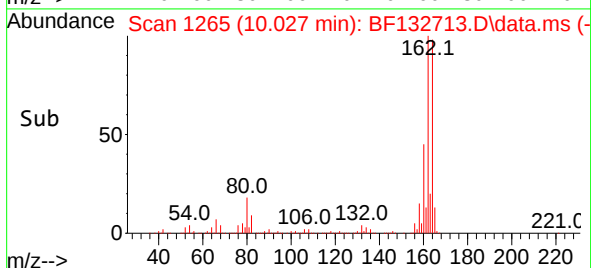
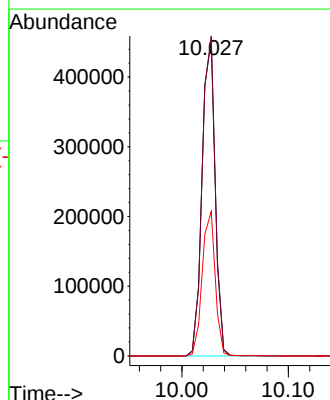
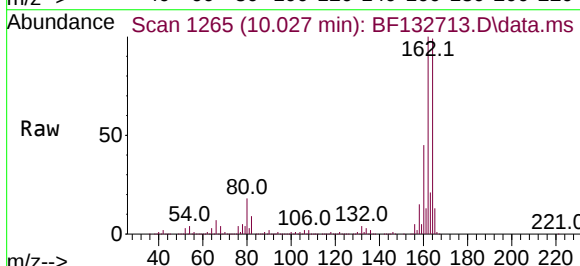
Tgt Ion:164 Resp: 383715

Ion Ratio Lower Upper

164 100

162 101.5 79.8 119.8

160 45.8 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 87.504 ng

RT: 10.822 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF132713.D

Acq: 09 Mar 2023 12:24

Instrument :

BNA_F

ClientSampleId :

SS-01-20230306

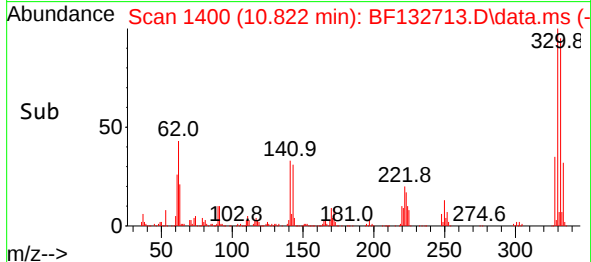
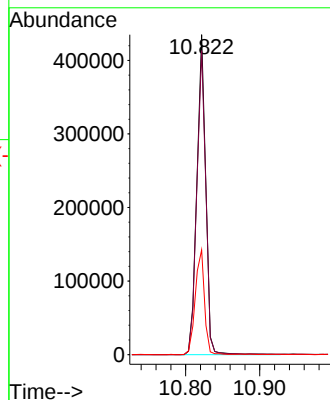
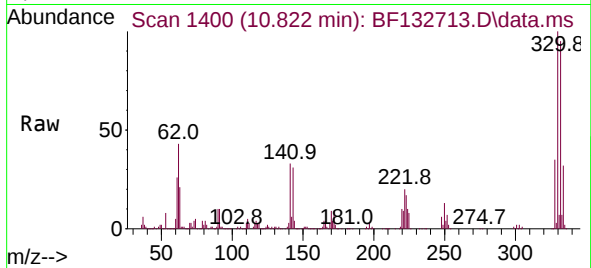
Tgt Ion:330 Resp: 362613

Ion Ratio Lower Upper

330 100

332 96.2 76.2 114.4

141 33.9 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 59.552 ng

RT: 9.339 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF132713.D

Acq: 09 Mar 2023 12:24

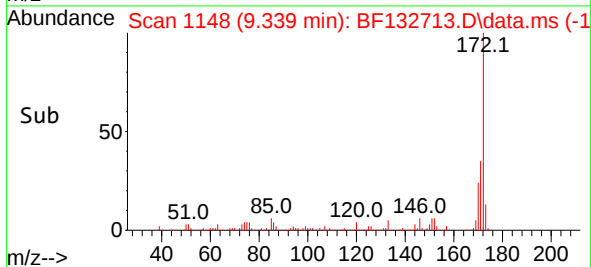
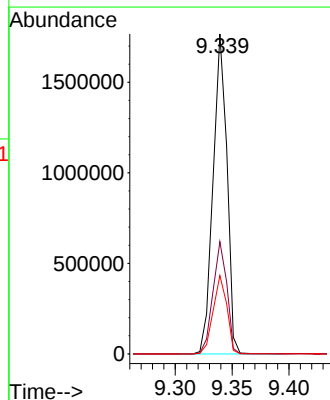
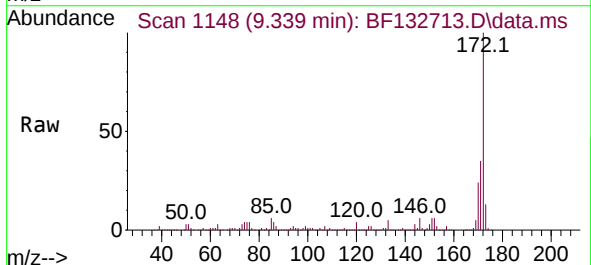
Tgt Ion:172 Resp: 1500724

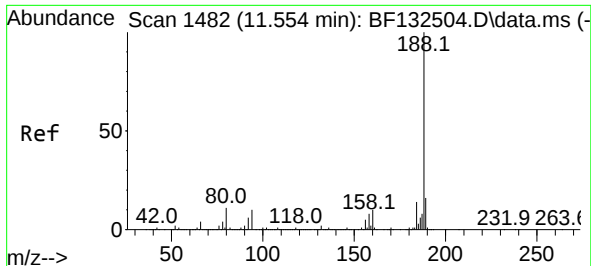
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 24.5 19.7 29.5

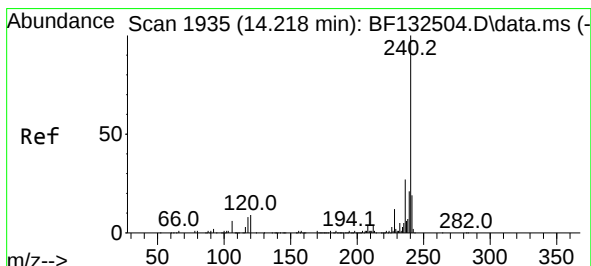
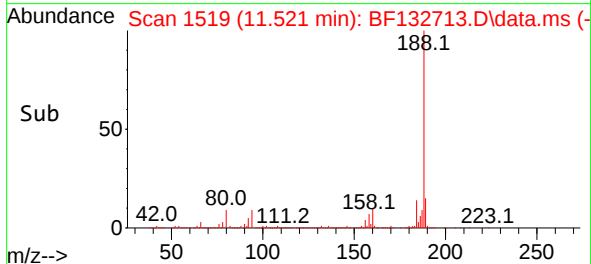
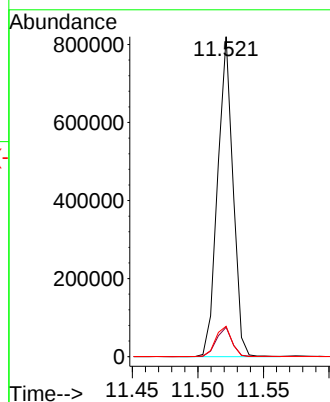
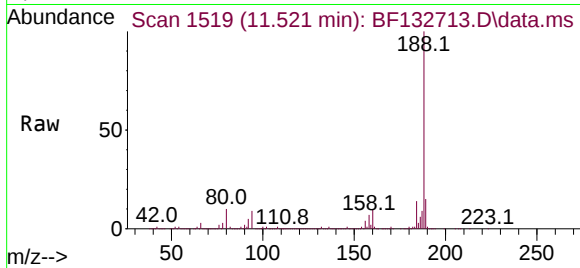




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.521 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132713.D
Acq: 09 Mar 2023 12:24

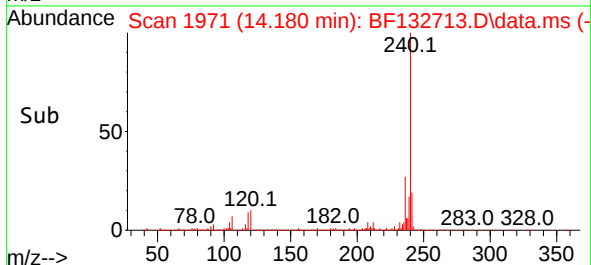
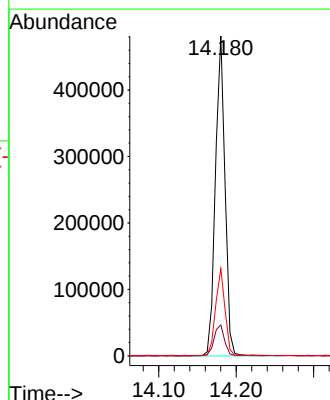
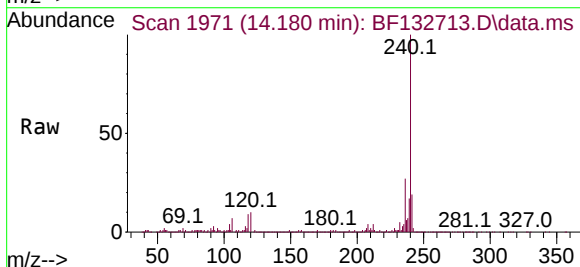
Instrument :
BNA_F
ClientSampleId :
SS-01-20230306

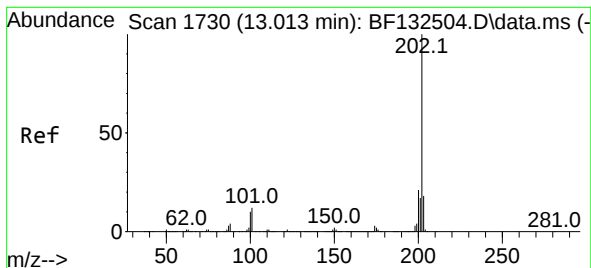
Tgt Ion:188 Resp: 668150
Ion Ratio Lower Upper
188 100
94 9.2 8.3 12.5
80 9.5 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BF132713.D
Acq: 09 Mar 2023 12:24

Tgt Ion:240 Resp: 414032
Ion Ratio Lower Upper
240 100
120 9.7 7.2 10.8
236 27.3 21.8 32.6





#78

Pyrene

Concen: 2.407 ng

RT: 12.974 min Scan# 1766

Delta R.T. -0.006 min

Lab File: BF132713.D

Acq: 09 Mar 2023 12:24

Instrument :

BNA_F

ClientSampleId :

SS-01-20230306

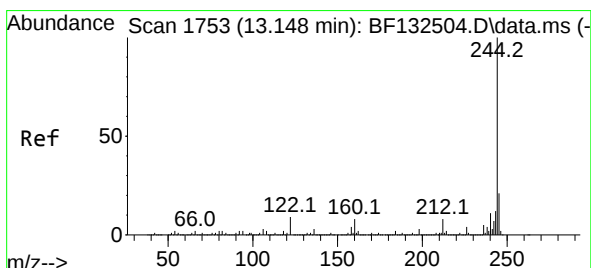
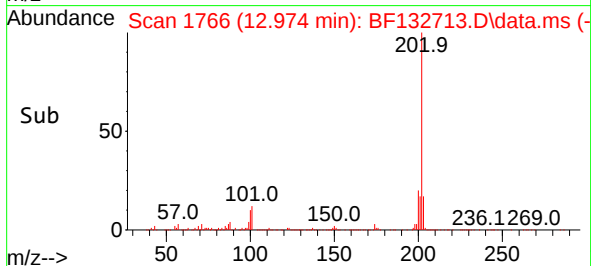
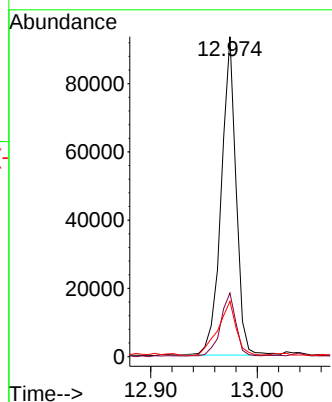
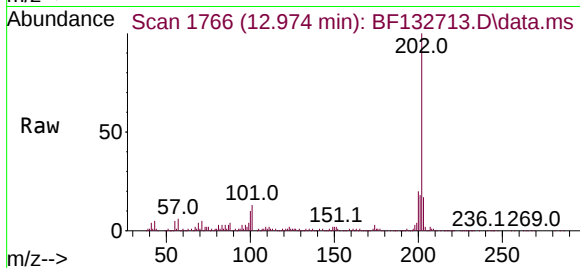
Tgt Ion:202 Resp: 90602

Ion Ratio Lower Upper

202 100

200 19.9 17.1 25.7

203 17.3 14.6 21.8



#79

Terphenyl-d14

Concen: 57.407 ng

RT: 13.110 min Scan# 1789

Delta R.T. -0.006 min

Lab File: BF132713.D

Acq: 09 Mar 2023 12:24

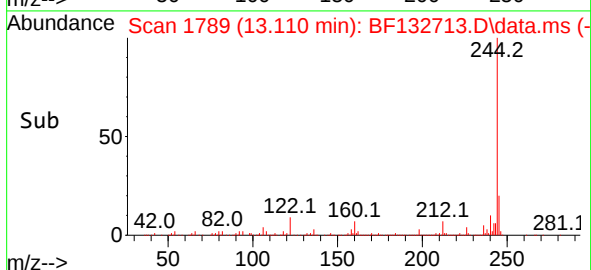
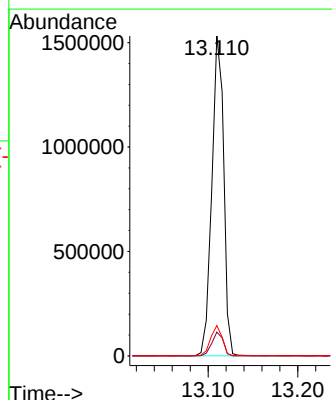
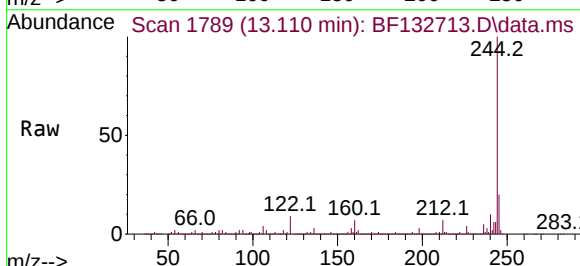
Tgt Ion:244 Resp: 1405793

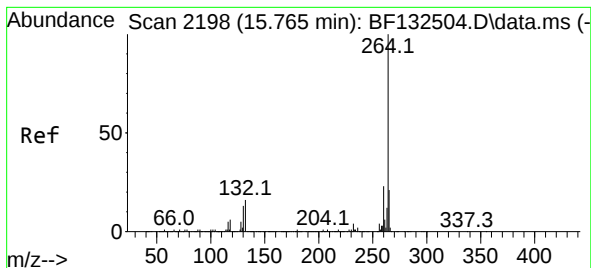
Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 9.5 7.5 11.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.721 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132713.D

Acq: 09 Mar 2023 12:24

Instrument :

BNA_F

ClientSampleId :

SS-01-20230306

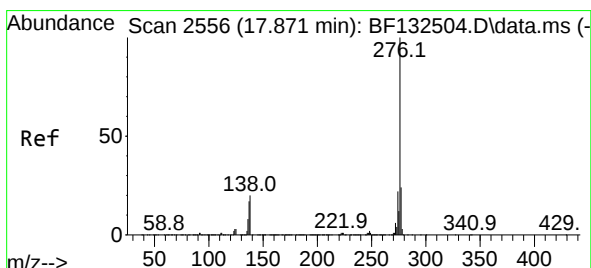
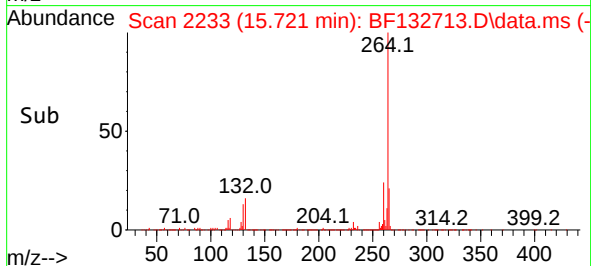
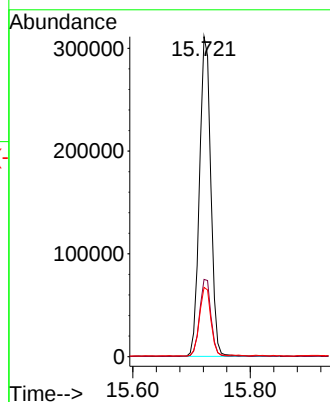
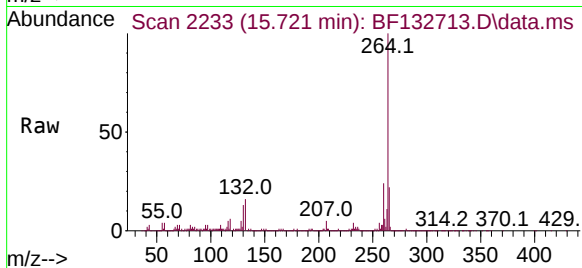
Tgt Ion:264 Resp: 414732

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 21.6 17.1 25.7



#92

Benzo(g,h,i)perylene

Concen: 2.167 ng

RT: 17.792 min Scan# 2585

Delta R.T. -0.023 min

Lab File: BF132713.D

Acq: 09 Mar 2023 12:24

Tgt Ion:276 Resp: 14302

Ion Ratio Lower Upper

276 100

277 32.9 18.9 28.3#

138 28.1 16.2 24.4#

