

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132763.D
 Acq On : 13 Mar 2023 16:44
 Operator : CG\JU
 Sample : 01869-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UPS-01

Quant Time: Mar 14 01:31:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 13:44:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	218955	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	823336	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	461096	20.000	ng	-0.01
64) Phenanthrene-d10	11.504	188	928686	20.000	ng	0.00
76) Chrysene-d12	14.157	240	502590	20.000	ng	#-0.01
86) Perylene-d12	15.692	264	455985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	660206	48.937	ng	0.00
7) Phenol-d6	6.598	99	516399	29.329	ng	-0.01
23) Nitrobenzene-d5	7.534	82	1259812	72.596	ng	-0.01
42) 2,4,6-Tribromophenol	10.810	330	606690	121.834	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	2050392	67.709	ng	0.00
79) Terphenyl-d14	13.098	244	2838434	95.487	ng	0.00

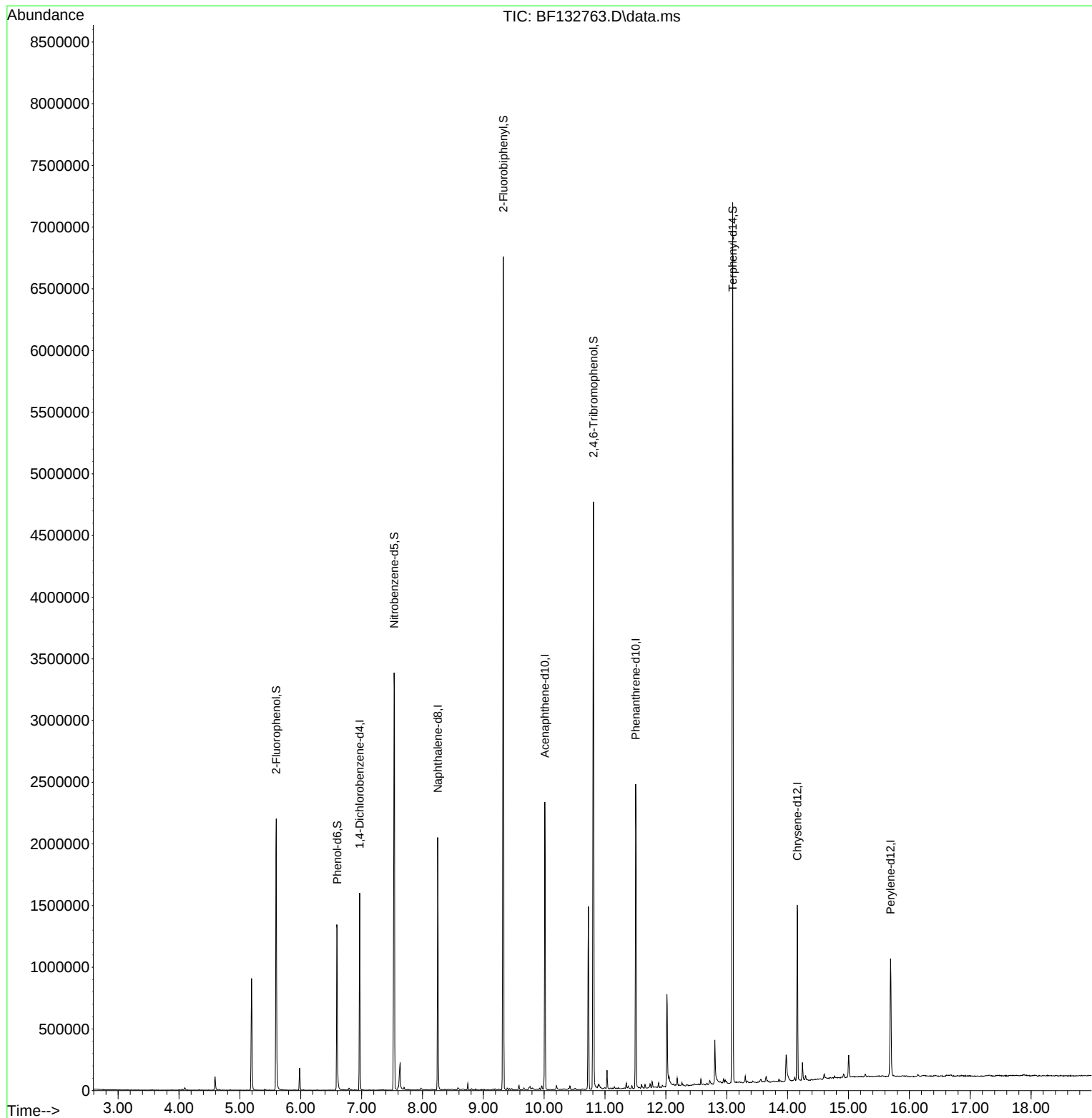
Target Compounds Qvalue

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

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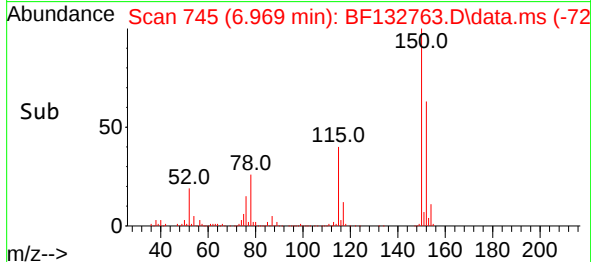
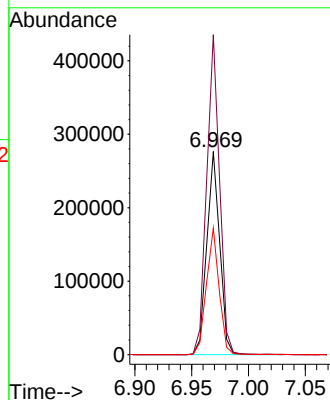
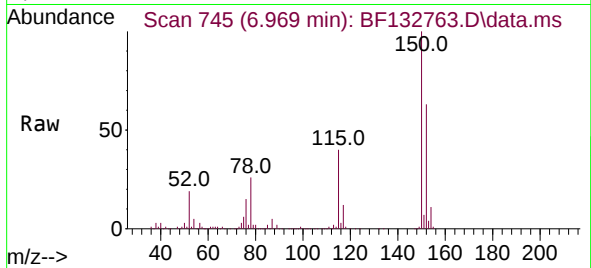




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.969 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF132763.D
 Acq: 13 Mar 2023 16:44

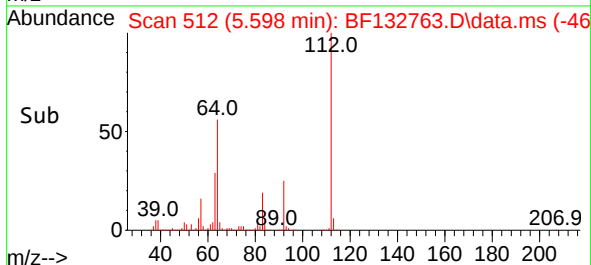
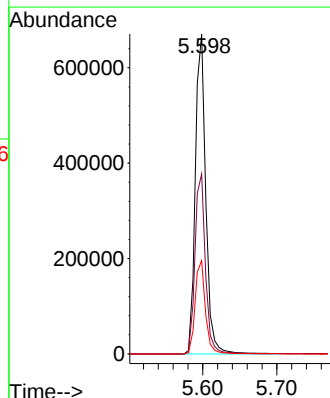
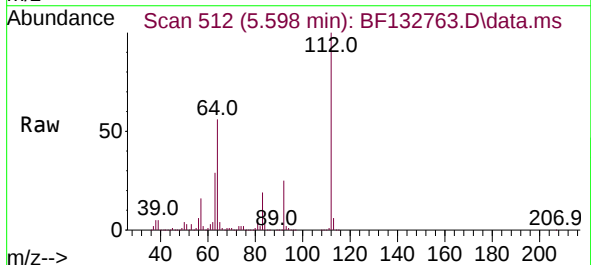
Instrument :
 BNA_F
 ClientSampleId :
 UPS-01

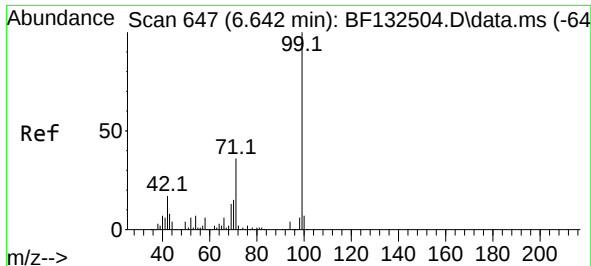
Tgt Ion:152 Resp: 218955
 Ion Ratio Lower Upper
 152 100
 150 157.5 125.4 188.2
 115 62.3 47.8 71.6



#5
 2-Fluorophenol
 Concen: 48.937 ng
 RT: 5.598 min Scan# 512
 Delta R.T. 0.000 min
 Lab File: BF132763.D
 Acq: 13 Mar 2023 16:44

Tgt Ion:112 Resp: 660206
 Ion Ratio Lower Upper
 112 100
 64 56.2 51.6 77.4
 63 29.1 27.4 41.2

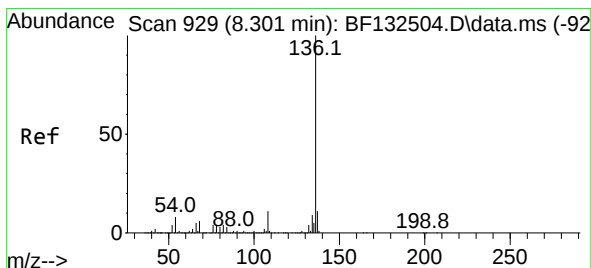
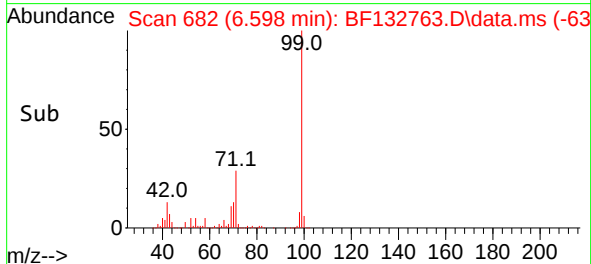
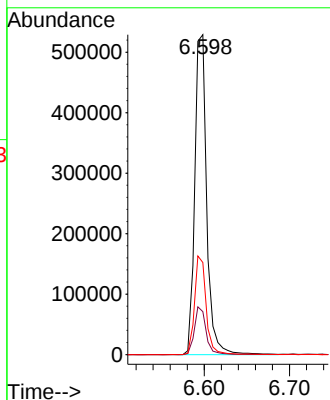
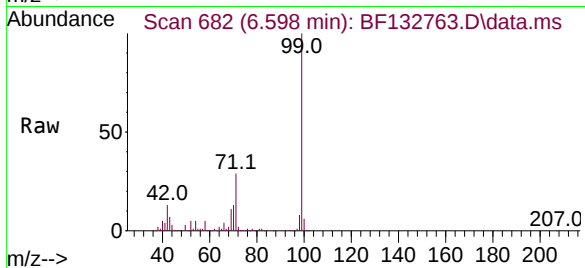




#7
Phenol-d6
Concen: 29.329 ng
RT: 6.598 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132763.D
Acq: 13 Mar 2023 16:44

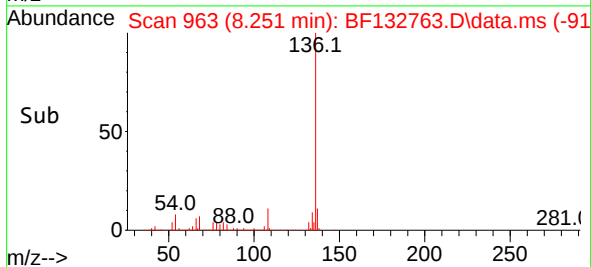
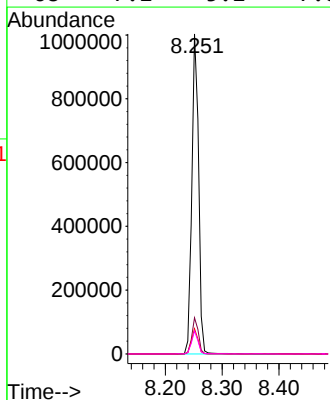
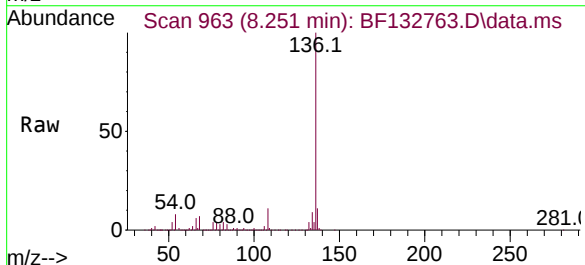
Instrument :
BNA_F
ClientSampleId :
UPS-01

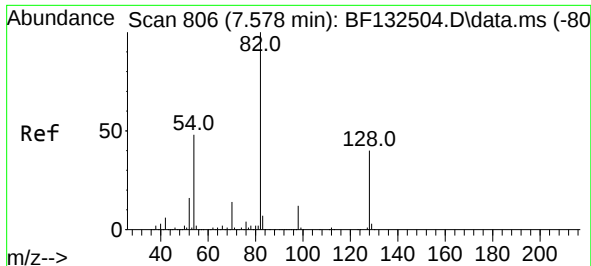
Tgt Ion: 99 Resp: 516399
Ion Ratio Lower Upper
99 100
42 13.4 13.9 20.9#
71 28.8 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF132763.D
Acq: 13 Mar 2023 16:44

Tgt Ion:136 Resp: 823336
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.9 6.2 9.4
68 7.2 5.2 7.8





#23

Nitrobenzene-d5

Concen: 72.596 ng

RT: 7.534 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF132763.D

Acq: 13 Mar 2023 16:44

Instrument :

BNA_F

ClientSampleId :

UPS-01

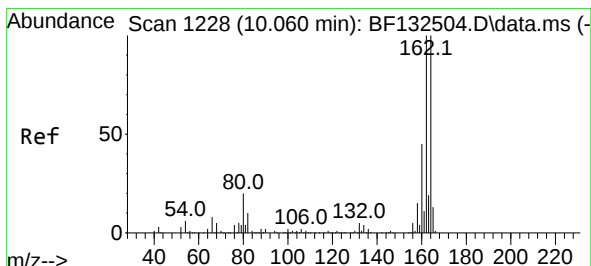
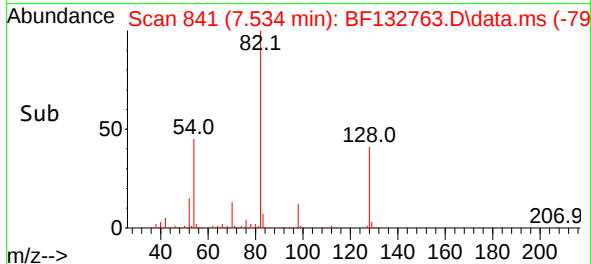
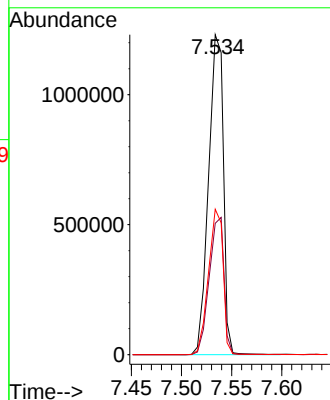
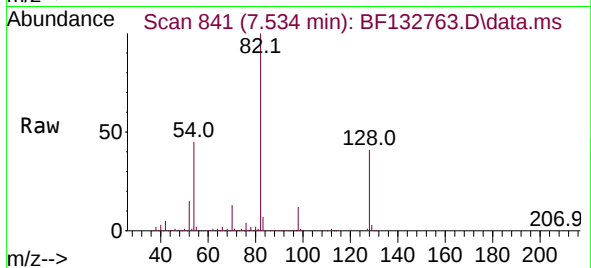
Tgt Ion: 82 Resp: 1259812

Ion Ratio Lower Upper

82 100

128 41.0 32.2 48.2

54 45.4 38.4 57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1262

Delta R.T. -0.012 min

Lab File: BF132763.D

Acq: 13 Mar 2023 16:44

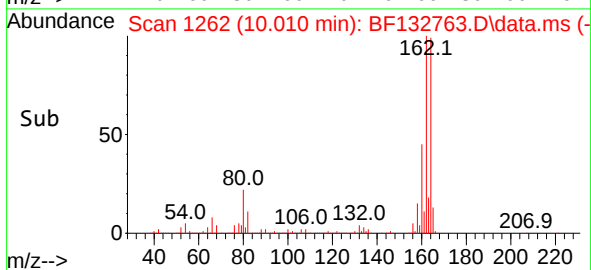
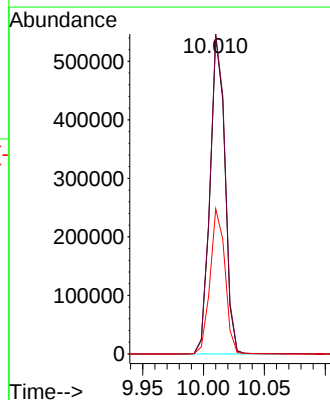
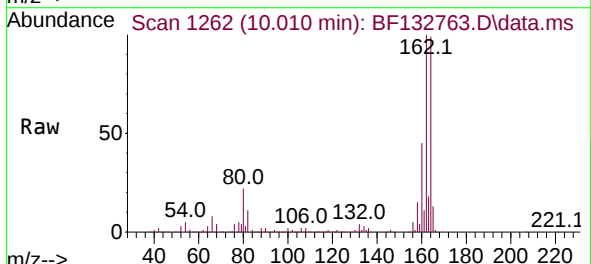
Tgt Ion:164 Resp: 461096

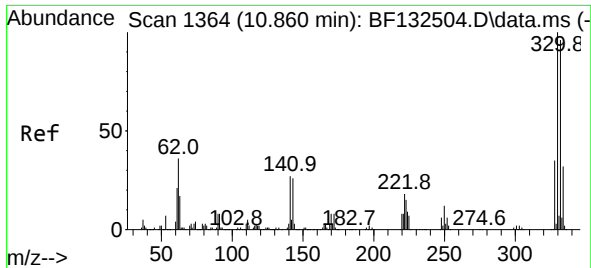
Ion Ratio Lower Upper

164 100

162 100.8 79.8 119.8

160 45.7 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 121.834 ng

RT: 10.810 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF132763.D

Acq: 13 Mar 2023 16:44

Instrument :

BNA_F

ClientSampleId :

UPS-01

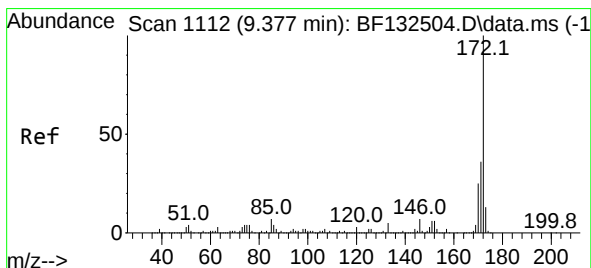
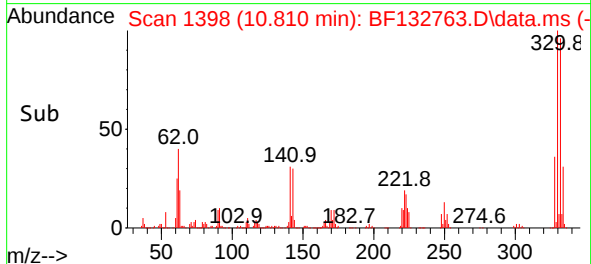
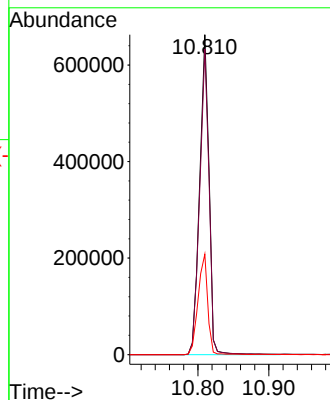
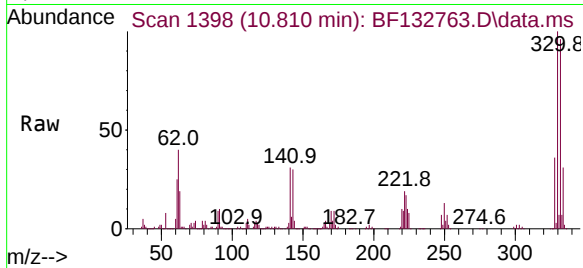
Tgt Ion:330 Resp: 606690

Ion Ratio Lower Upper

330 100

332 95.5 76.2 114.4

141 32.3 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 67.709 ng

RT: 9.328 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF132763.D

Acq: 13 Mar 2023 16:44

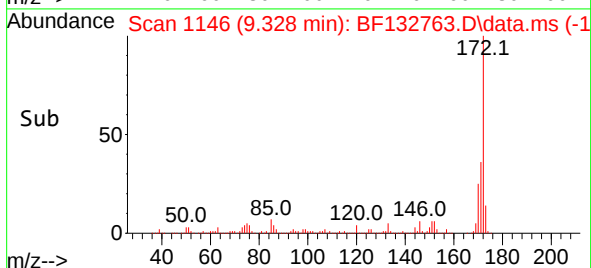
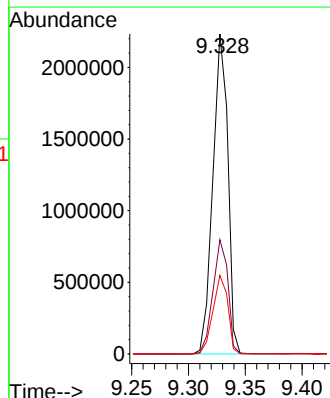
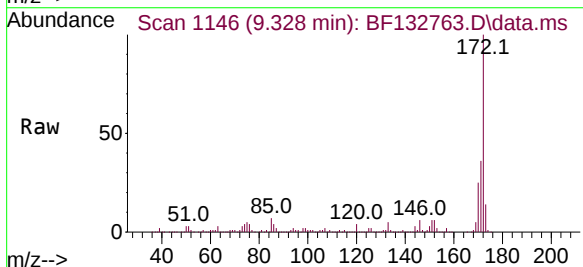
Tgt Ion:172 Resp: 2050392

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.5 19.7 29.5

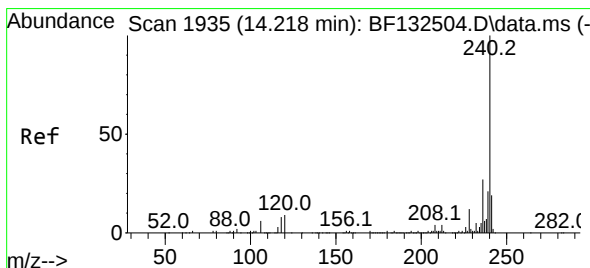
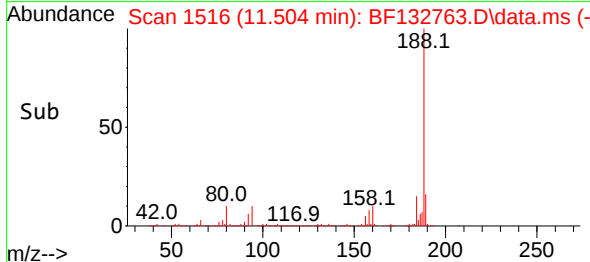
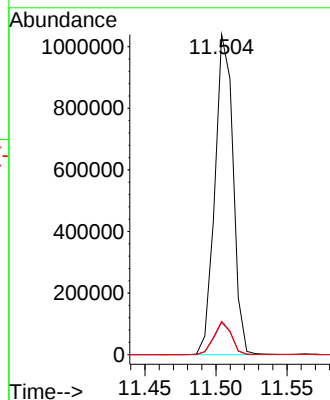
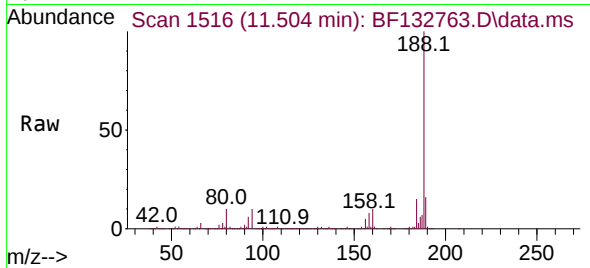




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132763.D
Acq: 13 Mar 2023 16:44

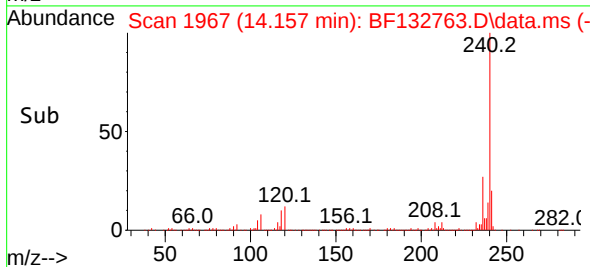
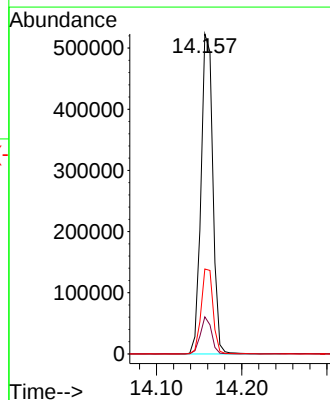
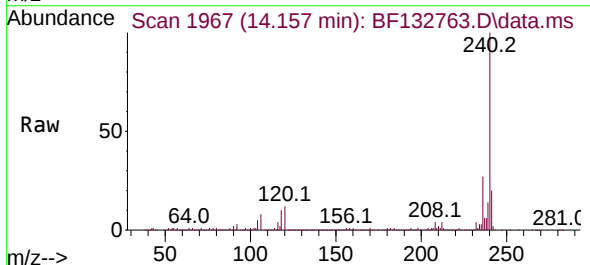
Instrument :
BNA_F
ClientSampleId :
UPS-01

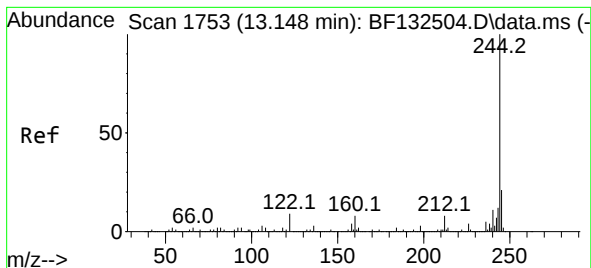
Tgt Ion:188 Resp: 928686
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 10.4 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BF132763.D
Acq: 13 Mar 2023 16:44

Tgt Ion:240 Resp: 502590
Ion Ratio Lower Upper
240 100
120 11.6 7.2 10.8#
236 26.5 21.8 32.6





#79

Terphenyl-d14

Concen: 95.487 ng

RT: 13.098 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132763.D

Acq: 13 Mar 2023 16:44

Instrument :

BNA_F

ClientSampleId :

UPS-01

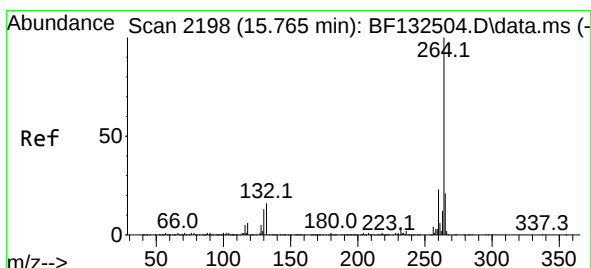
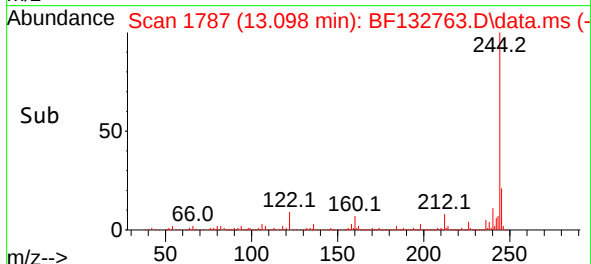
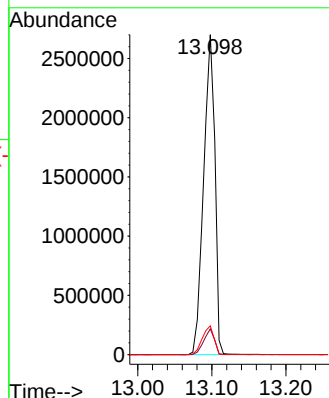
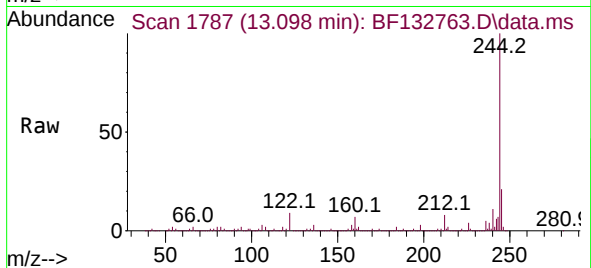
Tgt Ion:244 Resp: 2838434

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 9.0 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.692 min Scan# 2228

Delta R.T. -0.006 min

Lab File: BF132763.D

Acq: 13 Mar 2023 16:44

Tgt Ion:264 Resp: 455985

Ion Ratio Lower Upper

264 100

260 24.9 18.8 28.2

265 21.9 17.1 25.7

