

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
 Data File : BF132703.D
 Acq On : 08 Mar 2023 22:07
 Operator : CG\JU
 Sample : 01829-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-10-20230306

Quant Time: Mar 09 00:41:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

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

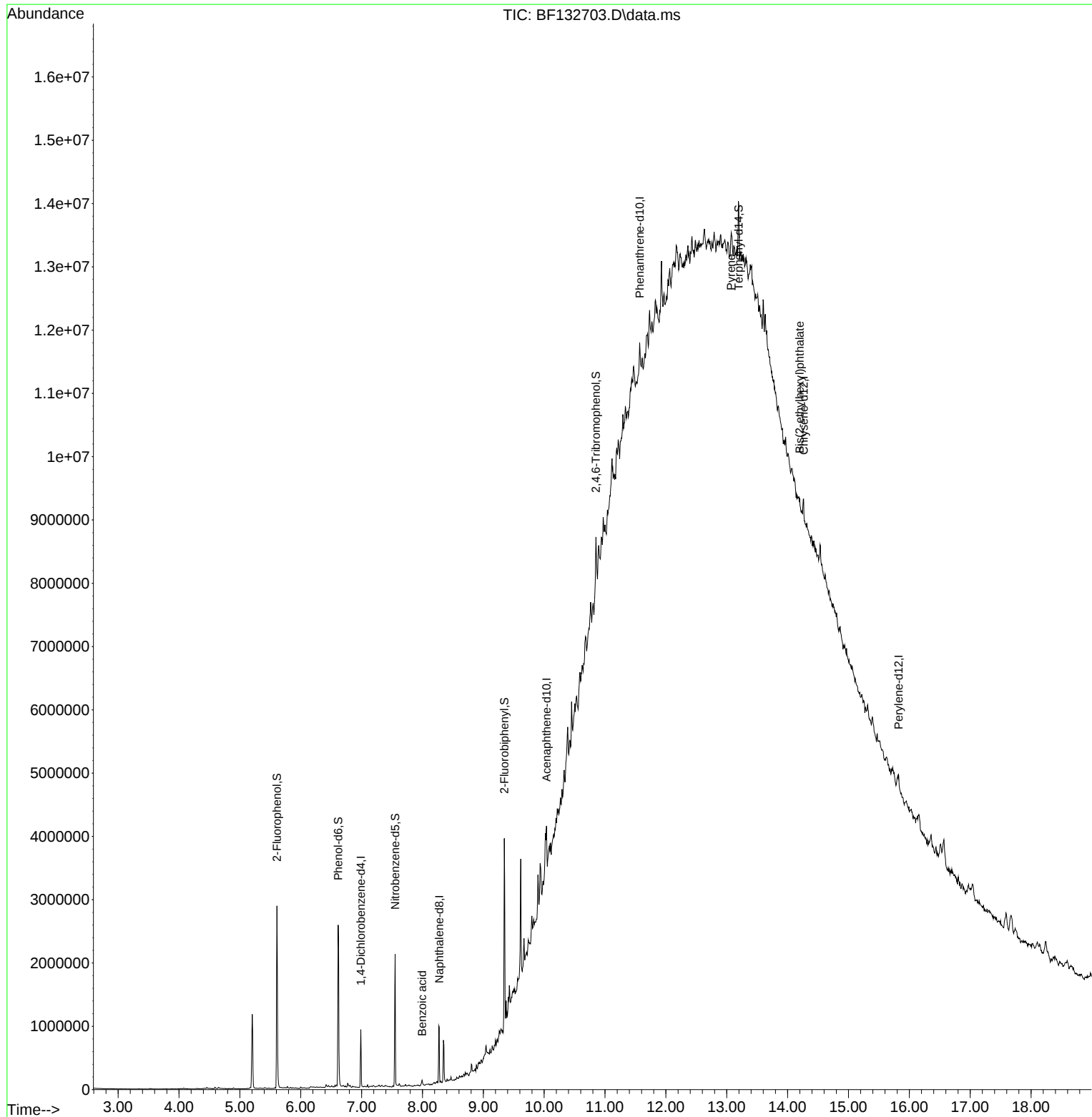
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.986	152	124239	20.000	ng	0.00
21) Naphthalene-d8	8.275	136	413738	20.000	ng	0.00
39) Acenaphthene-d10	10.039	164	153183	20.000	ng	0.00
64) Phenanthrene-d10	11.569	188	174570	20.000	ng	# 0.04
76) Chrysene-d12	14.262	240	146032	20.000	ng	# 0.06
86) Perylene-d12	15.821	264	130183	20.000	ng	# 0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	828868	108.277	ng	0.00
7) Phenol-d6	6.616	99	986653	98.759	ng	0.00
23) Nitrobenzene-d5	7.551	82	634434	72.752	ng	-0.01
42) 2,4,6-Tribromophenol	10.851	330	198016	119.697	ng	0.02
45) 2-Fluorobiphenyl	9.345	172	927609	92.206	ng	-0.01
79) Terphenyl-d14	13.198	244	631899	73.161	ng	0.07
Target Compounds						
						Qvalue
32) Benzoic acid	7.992	122	13665	6.293	ng	96
78) Pyrene	13.068	202	178456	13.441	ng	# 62
84) Bis(2-ethylhexyl)phtha...	14.198	149	50778	7.889	ng	# 89

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

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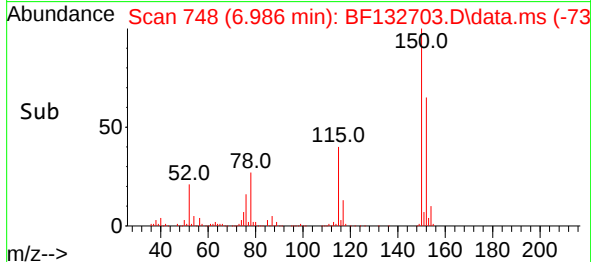
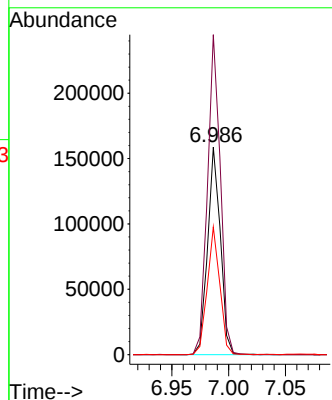
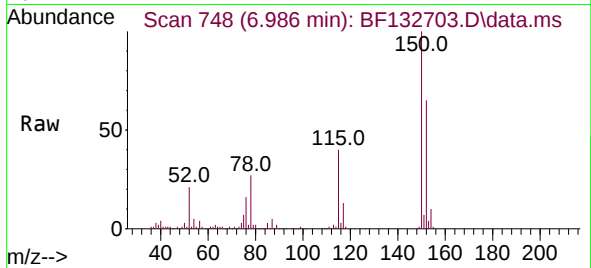




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.986 min Scan# 74
Delta R.T. -0.007 min
Lab File: BF132703.D
Acq: 08 Mar 2023 22:07

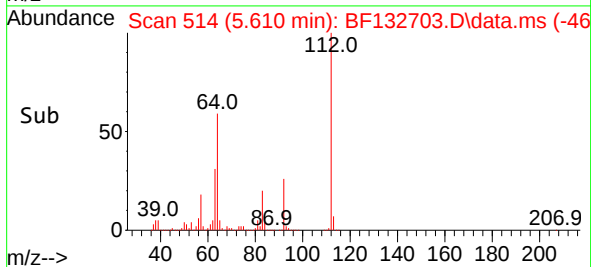
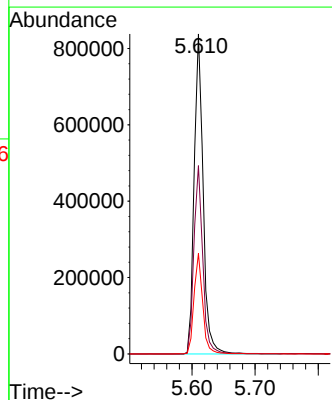
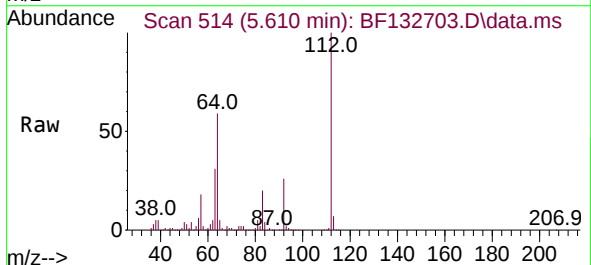
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306

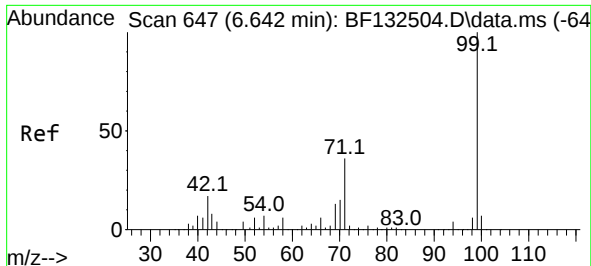
Tgt Ion:152 Resp: 124239
Ion Ratio Lower Upper
152 100
150 154.3 125.4 188.2
115 61.5 47.8 71.6



#5
2-Fluorophenol
Concen: 108.277 ng
RT: 5.610 min Scan# 514
Delta R.T. -0.006 min
Lab File: BF132703.D
Acq: 08 Mar 2023 22:07

Tgt Ion:112 Resp: 828868
Ion Ratio Lower Upper
112 100
64 58.8 51.6 77.4
63 31.4 27.4 41.2

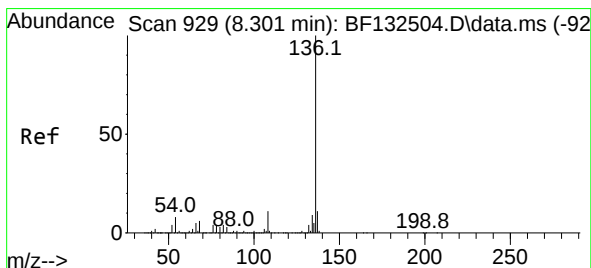
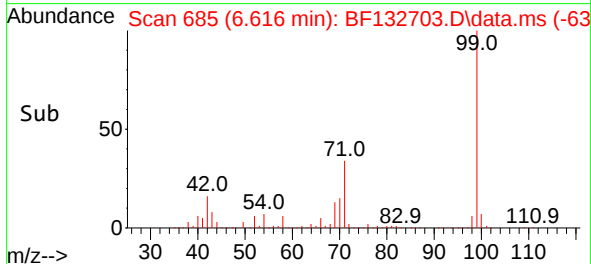
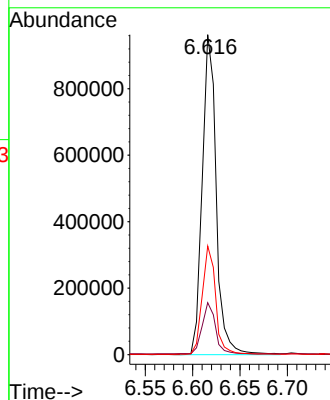
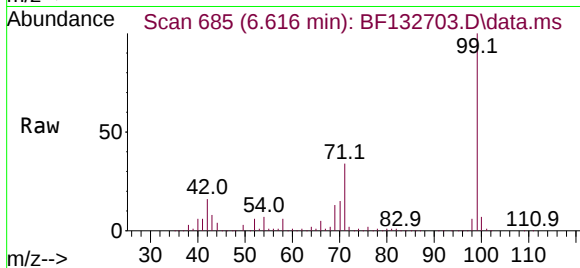




#7
Phenol-d6
Concen: 98.759 ng
RT: 6.616 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132703.D
Acq: 08 Mar 2023 22:07

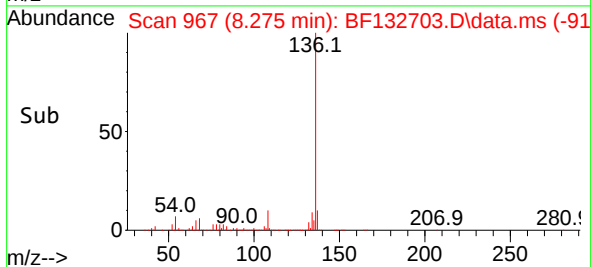
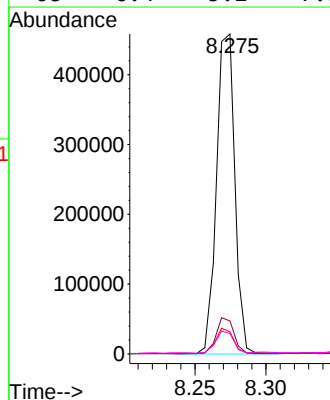
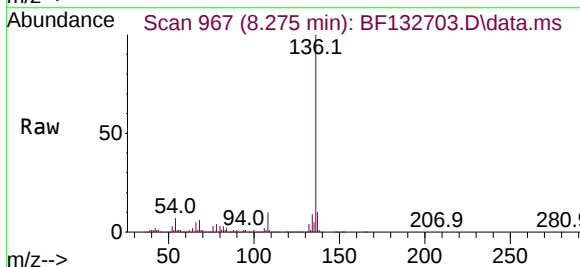
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306

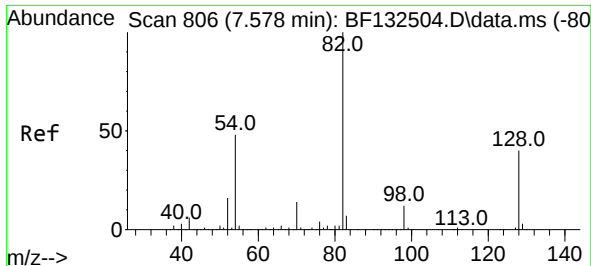
Tgt Ion: 99 Resp: 986653
Ion Ratio Lower Upper
99 100
42 16.2 13.9 20.9
71 34.0 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.275 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF132703.D
Acq: 08 Mar 2023 22:07

Tgt Ion: 136 Resp: 413738
Ion Ratio Lower Upper
136 100
137 10.3 8.9 13.3
54 6.9 6.2 9.4
68 6.4 5.2 7.8





#23

Nitrobenzene-d5

Concen: 72.752 ng

RT: 7.551 min Scan# 844

Delta R.T. -0.012 min

Lab File: BF132703.D

Acq: 08 Mar 2023 22:07

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306

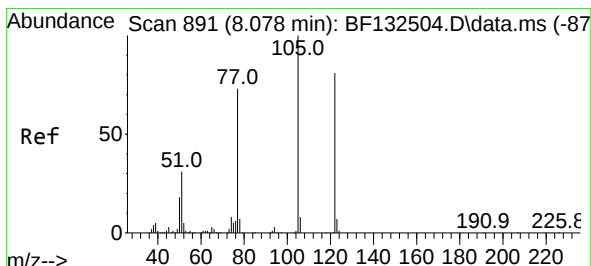
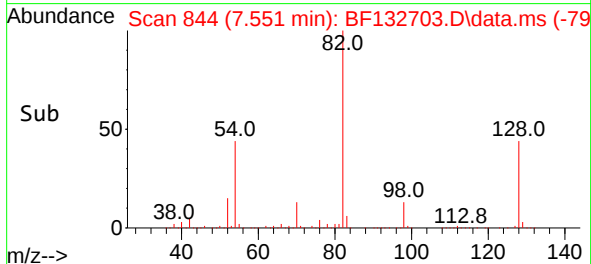
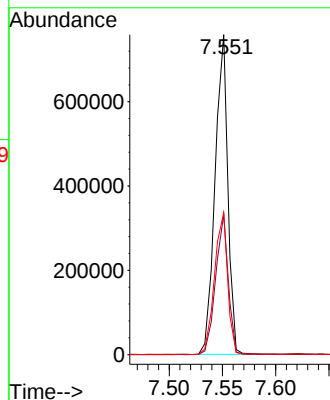
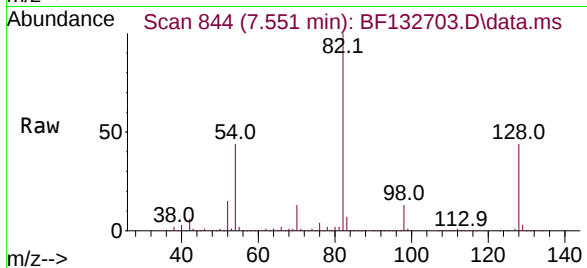
Tgt Ion: 82 Resp: 634434

Ion Ratio Lower Upper

82 100

128 43.8 32.2 48.2

54 44.3 38.4 57.6



#32

Benzoic acid

Concen: 6.293 ng

RT: 7.992 min Scan# 919

Delta R.T. -0.065 min

Lab File: BF132703.D

Acq: 08 Mar 2023 22:07

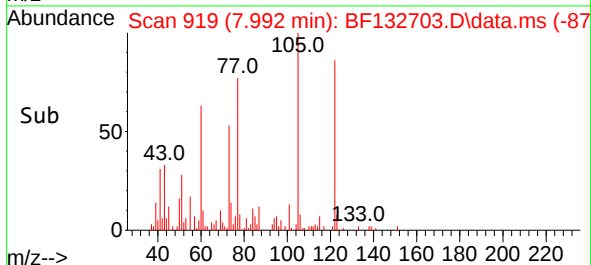
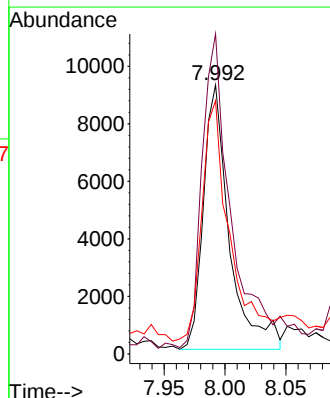
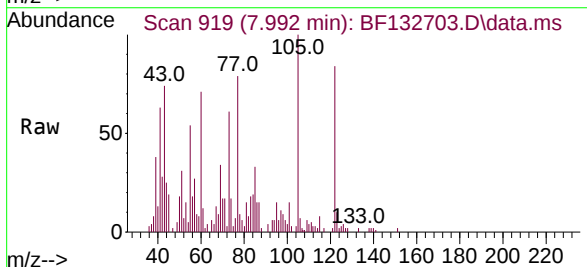
Tgt Ion: 122 Resp: 13665

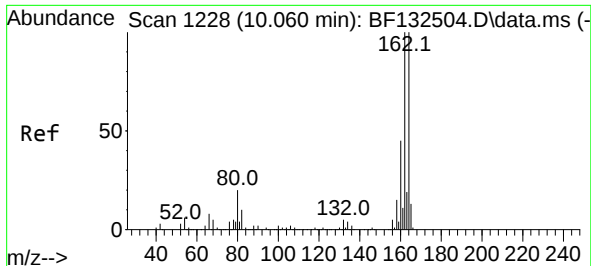
Ion Ratio Lower Upper

122 100

105 119.0 102.6 142.6

77 94.2 70.2 110.2

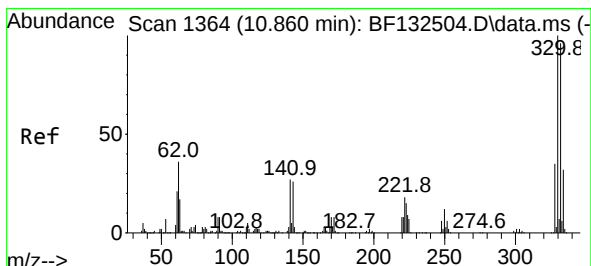
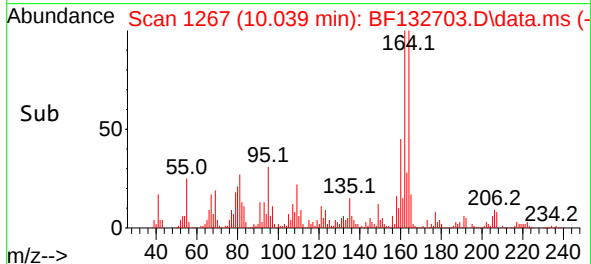
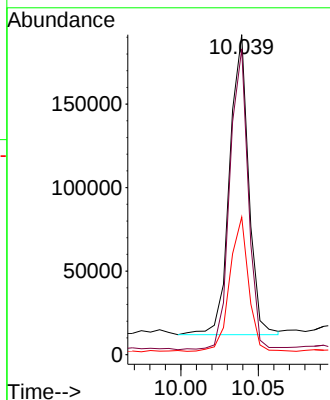
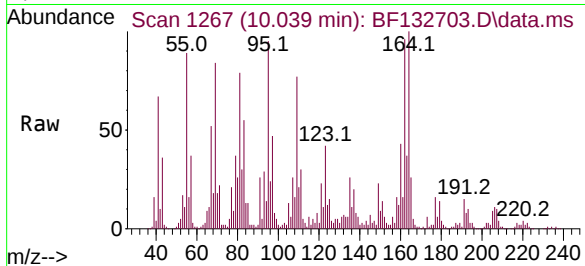




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132703.D
Acq: 08 Mar 2023 22:07

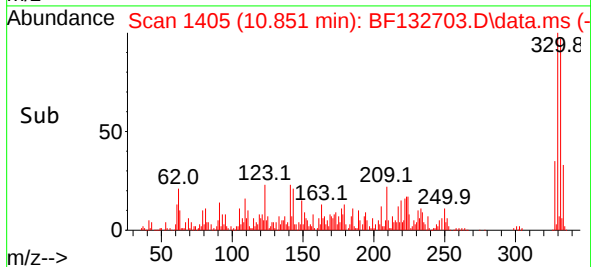
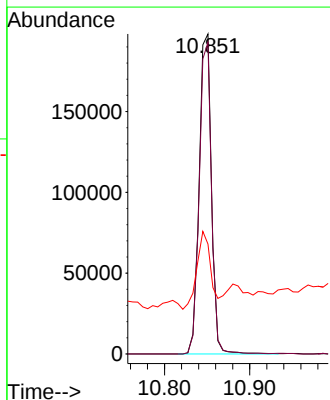
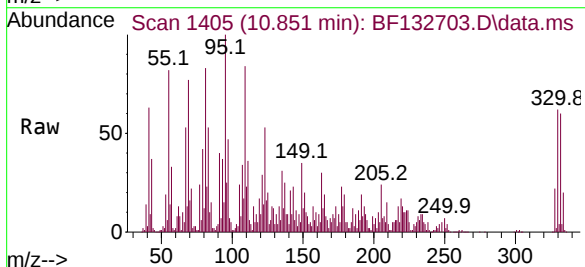
Instrument :
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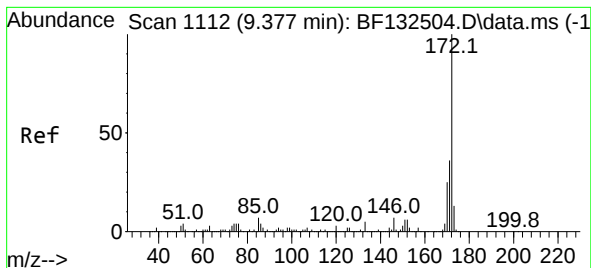
Tgt Ion:164 Resp: 153183
Ion Ratio Lower Upper
164 100
162 95.5 79.8 119.8
160 43.0 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 119.697 ng
RT: 10.851 min Scan# 1405
Delta R.T. 0.017 min
Lab File: BF132703.D
Acq: 08 Mar 2023 22:07

Tgt Ion:330 Resp: 198016
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 27.1 28.4 42.6#





#45

2-Fluorobiphenyl

Concen: 92.206 ng

RT: 9.345 min Scan# 1112

Delta R.T. -0.012 min

Lab File: BF132703.D

Acq: 08 Mar 2023 22:07

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306

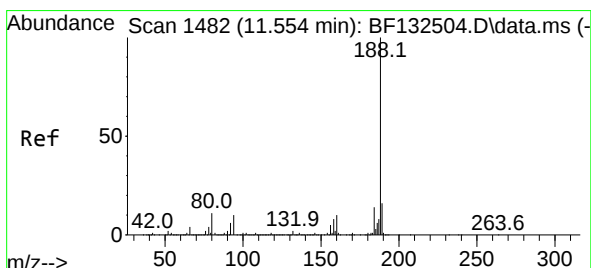
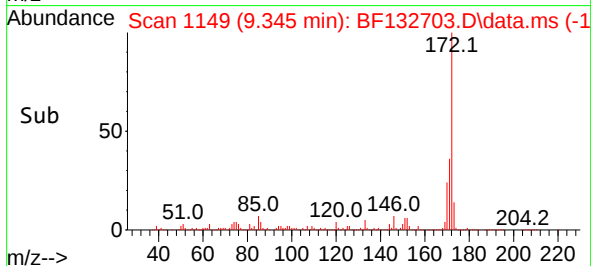
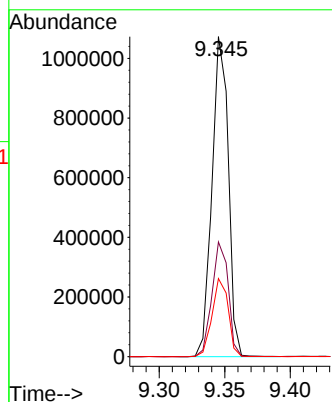
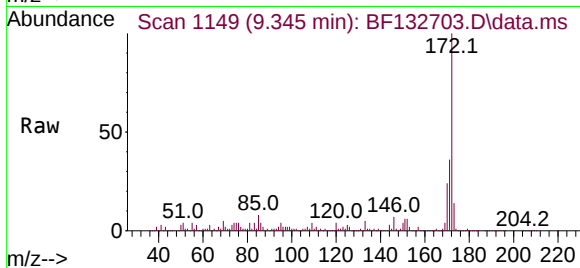
Tgt Ion:172 Resp: 927609

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.4 19.7 29.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.569 min Scan# 1527

Delta R.T. 0.035 min

Lab File: BF132703.D

Acq: 08 Mar 2023 22:07

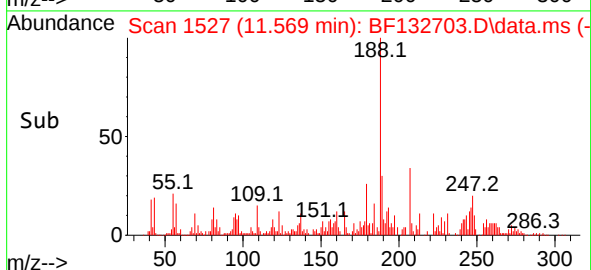
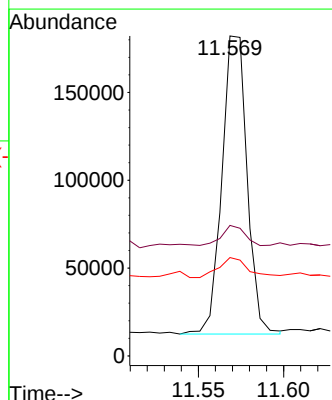
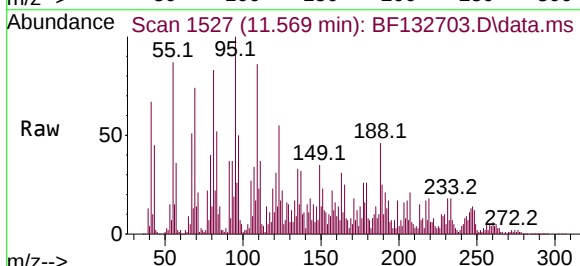
Tgt Ion:188 Resp: 174570

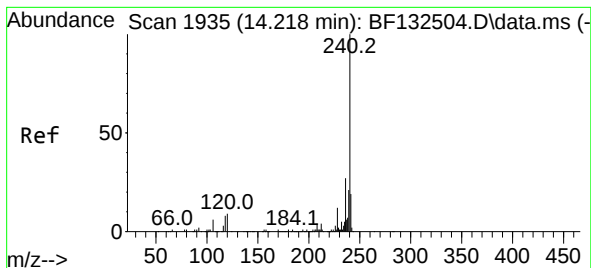
Ion Ratio Lower Upper

188 100

94 40.8 8.3 12.5#

80 30.7 8.7 13.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.262 min Scan# 1935

Delta R.T. 0.064 min

Lab File: BF132703.D

Acq: 08 Mar 2023 22:07

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306

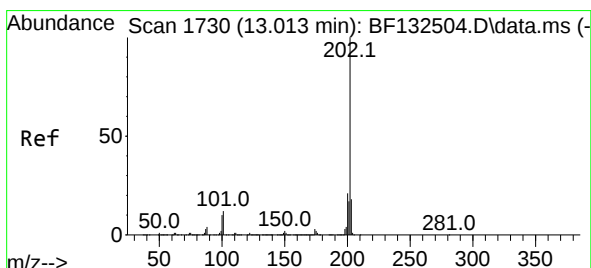
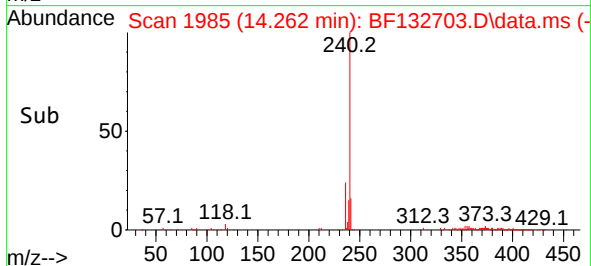
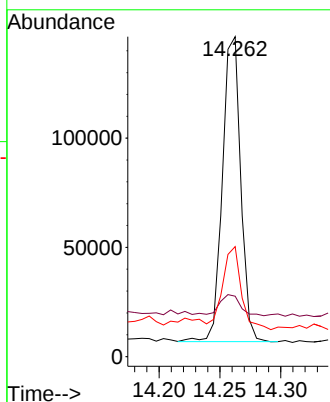
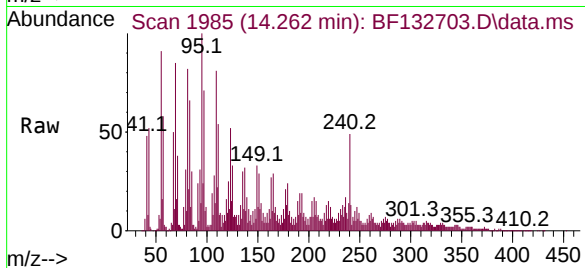
Tgt Ion:240 Resp: 146032

Ion Ratio Lower Upper

240 100

120 18.9 7.2 10.8#

236 34.4 21.8 32.6#



#78

Pyrene

Concen: 13.441 ng

RT: 13.068 min Scan# 1782

Delta R.T. 0.076 min

Lab File: BF132703.D

Acq: 08 Mar 2023 22:07

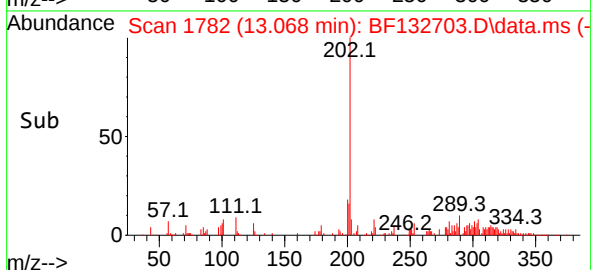
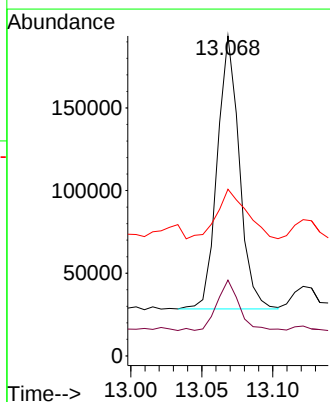
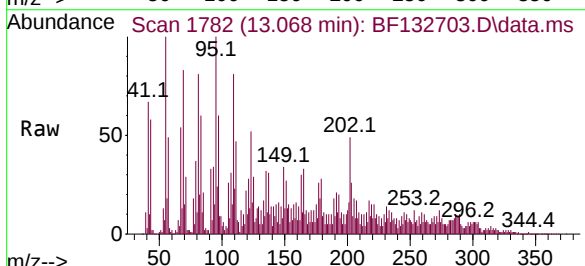
Tgt Ion:202 Resp: 178456

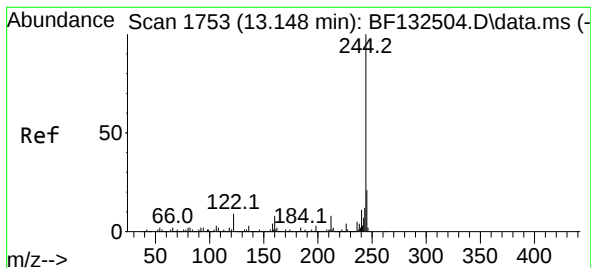
Ion Ratio Lower Upper

202 100

200 23.7 17.1 25.7

203 52.1 14.6 21.8#





#79

Terphenyl-d14

Concen: 73.161 ng

RT: 13.198 min Scan# 1804

Delta R.T. 0.070 min

Lab File: BF132703.D

Acq: 08 Mar 2023 22:07

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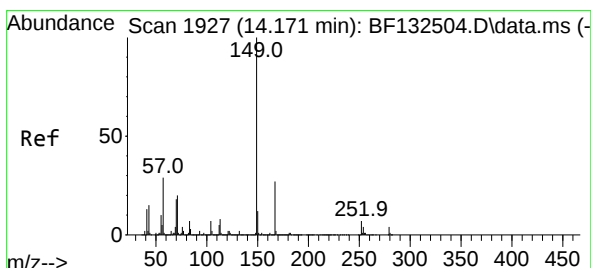
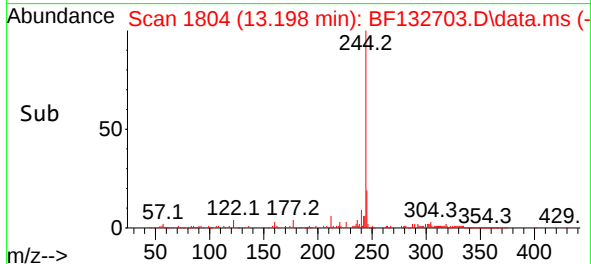
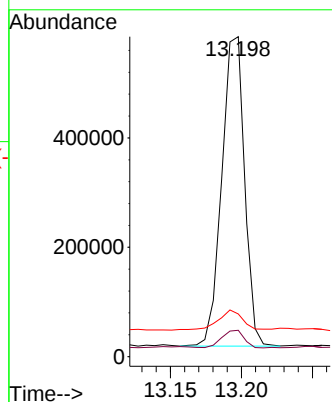
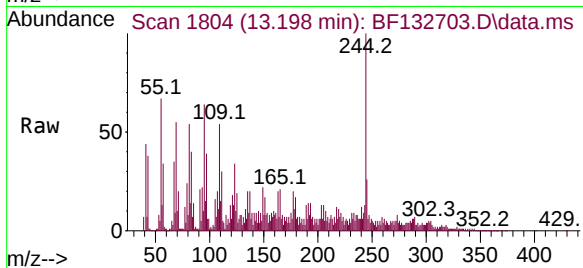
Tgt Ion:244 Resp: 631899

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 13.4 7.5 11.3#



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.889 ng

RT: 14.198 min Scan# 1974

Delta R.T. 0.047 min

Lab File: BF132703.D

Acq: 08 Mar 2023 22:07

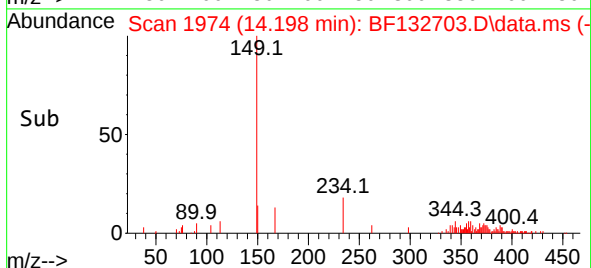
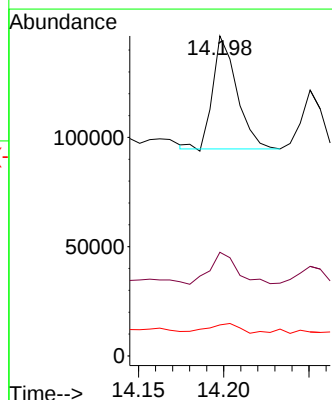
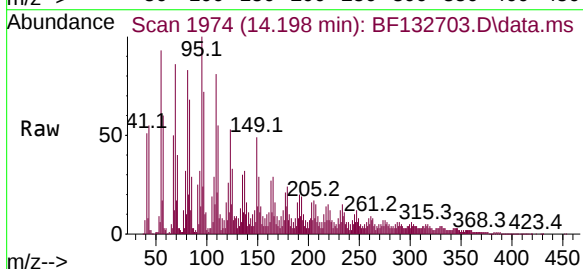
Tgt Ion:149 Resp: 50778

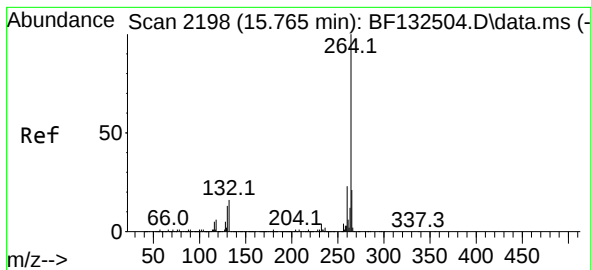
Ion Ratio Lower Upper

149 100

167 32.4 21.8 32.6

279 9.7 3.0 4.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.821 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF132703.D

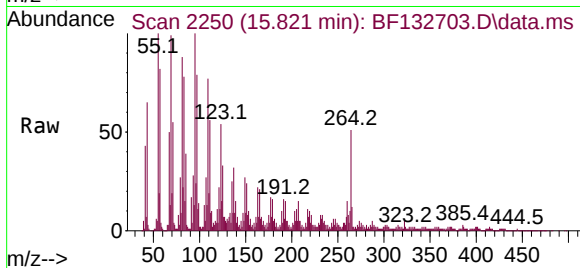
Acq: 08 Mar 2023 22:07

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306



Tgt Ion:264 Resp: 130183

Ion Ratio Lower Upper

264 100

260 28.9 18.8 28.2#

265 24.2 17.1 25.7

