

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
 Data File : BF132708.D
 Acq On : 09 Mar 2023 00:44
 Operator : CG\JU
 Sample : 01829-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-05-20230306

Quant Time: Mar 09 04:03:13 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)

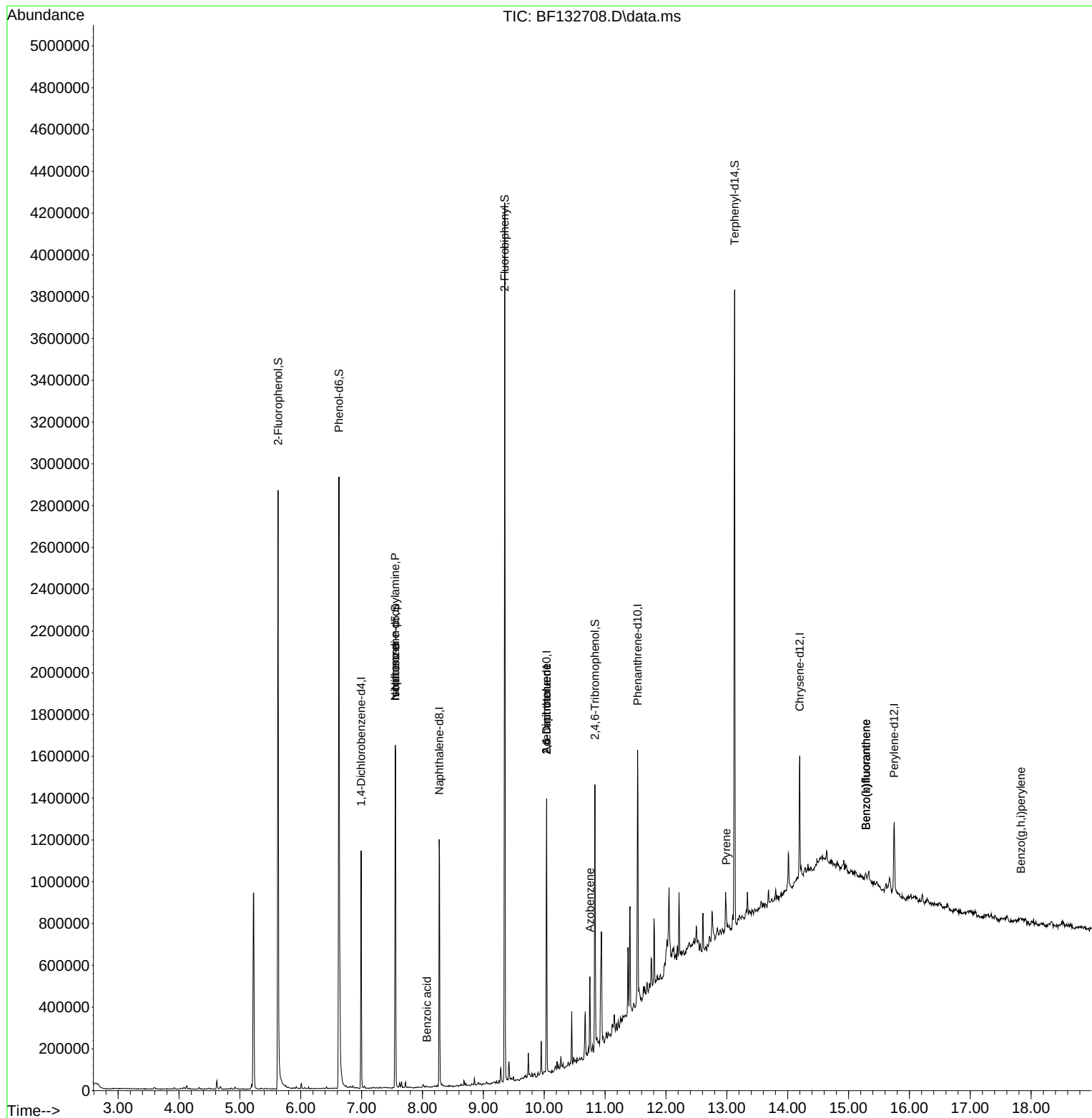
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.992	152	153793	20.000	ng	0.00
21) Naphthalene-d8	8.275	136	519045	20.000	ng	0.00
39) Acenaphthene-d10	10.039	164	248538	20.000	ng	0.00
64) Phenanthrene-d10	11.533	188	465157	20.000	ng	0.00
76) Chrysene-d12	14.198	240	207286	20.000	ng	0.00
86) Perylene-d12	15.751	264	177549	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	860637	90.823	ng	0.01
7) Phenol-d6	6.628	99	1041836	84.243	ng	0.00
23) Nitrobenzene-d5	7.551	82	553500	50.594	ng	-0.01
42) 2,4,6-Tribromophenol	10.833	330	156721	58.389	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1143656	70.066	ng	0.00
79) Terphenyl-d14	13.127	244	1026113	83.696	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.551	70	71079	9.339	ng	# 79
25) Isophorone	7.551	82	552940	26.362	ng	# 67
32) Benzoic acid	8.075	122	423	3.897	ng	# 58
51) 2,6-Dinitrotoluene	10.039	165	31893	7.739	ng	# 22
57) 2,4-Dinitrotoluene	10.039	165	32009	5.838	ng	# 21
63) Azobenzene	10.751	77	62092	3.317	ng	# 1
78) Pyrene	12.992	202	39527	2.097	ng	# 95
88) Benzo(b)fluoranthene	15.286	252	30765	2.586	ng	# 52
89) Benzo(k)fluoranthene	15.286	252	30765	2.642	ng	# 52
92) Benzo(g,h,i)perylene	17.833	276	8532	2.384	ng	# 28

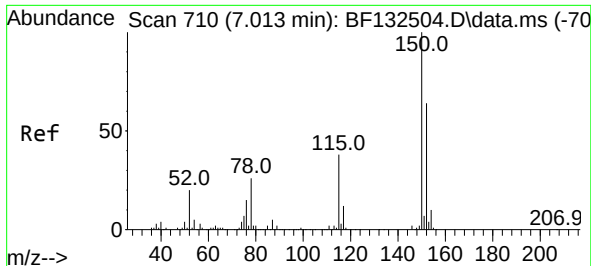
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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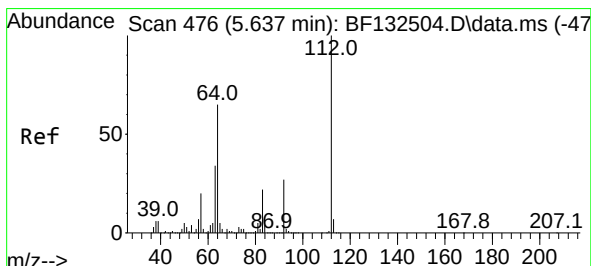
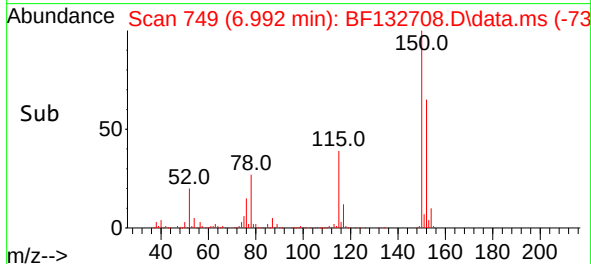
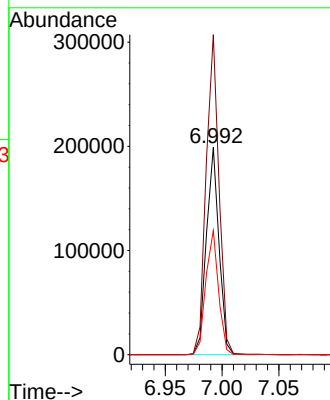
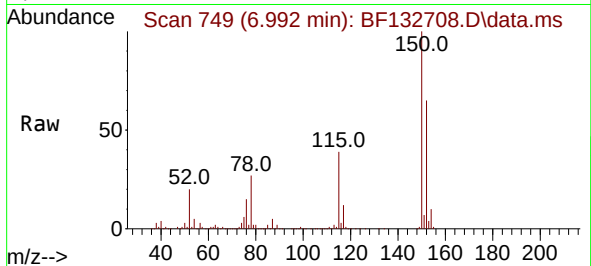




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.992 min Scan# 710
Delta R.T. -0.001 min
Lab File: BF132708.D
Acq: 09 Mar 2023 00:44

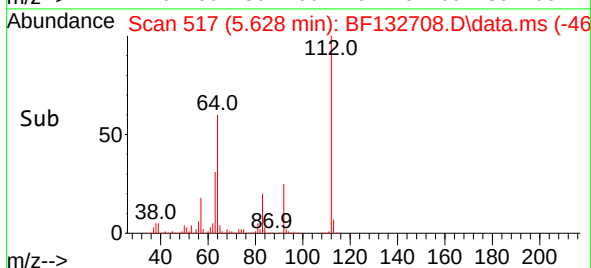
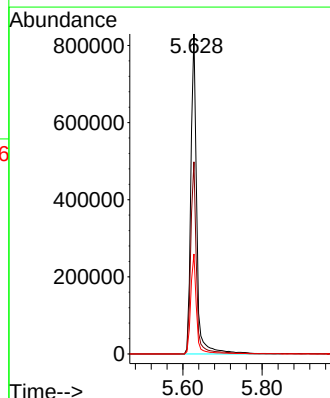
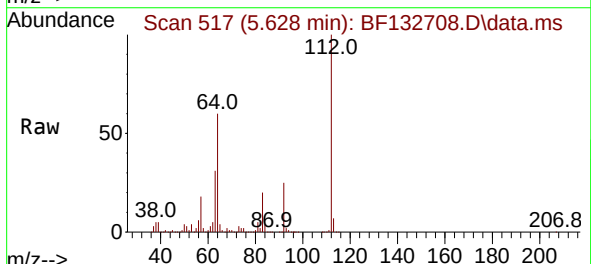
Instrument :
BNA_F
ClientSampleId :
SS-05-20230306

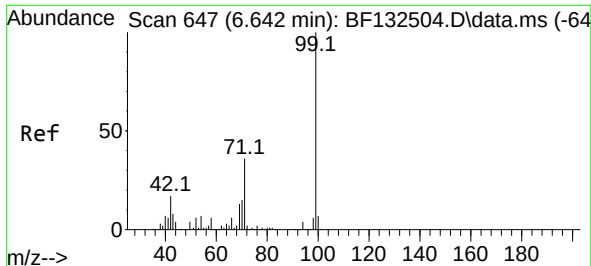
Tgt Ion:152 Resp: 153793
Ion Ratio Lower Upper
152 100
150 154.4 125.4 188.2
115 59.9 47.8 71.6



#5
2-Fluorophenol
Concen: 90.823 ng
RT: 5.628 min Scan# 517
Delta R.T. 0.012 min
Lab File: BF132708.D
Acq: 09 Mar 2023 00:44

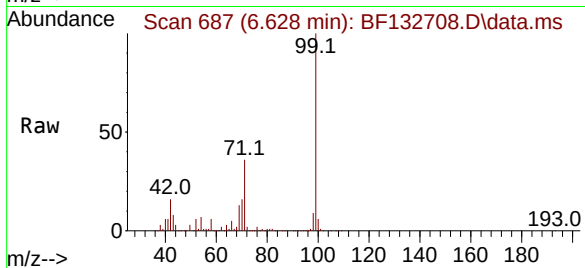
Tgt Ion:112 Resp: 860637
Ion Ratio Lower Upper
112 100
64 60.1 51.6 77.4
63 31.2 27.4 41.2





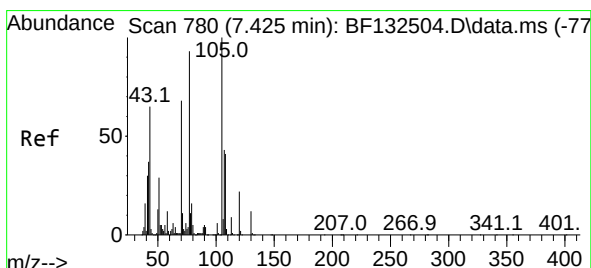
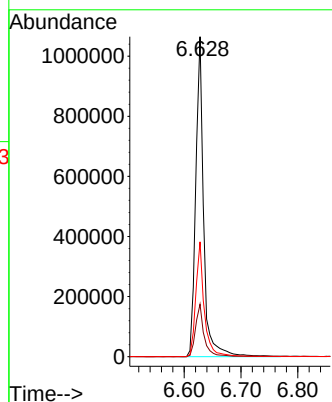
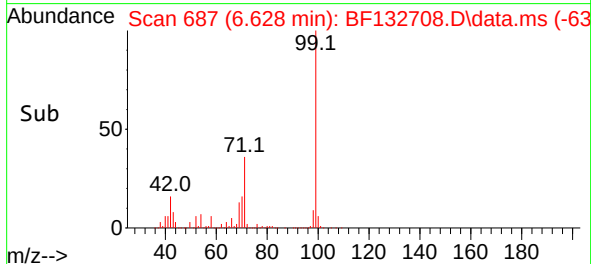
#7
Phenol-d6
Concen: 84.243 ng
RT: 6.628 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF132708.D
Acq: 09 Mar 2023 00:44

Instrument :
BNA_F
ClientSampleId :
SS-05-20230306

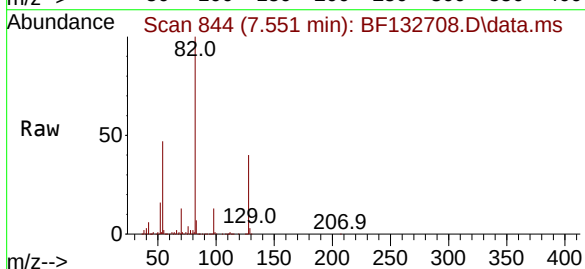


Tgt Ion: 99 Resp: 1041836

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.9	20.9
71	35.9	28.5	42.7

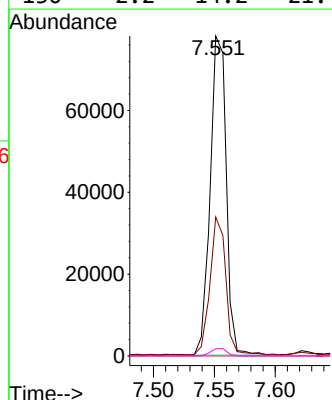
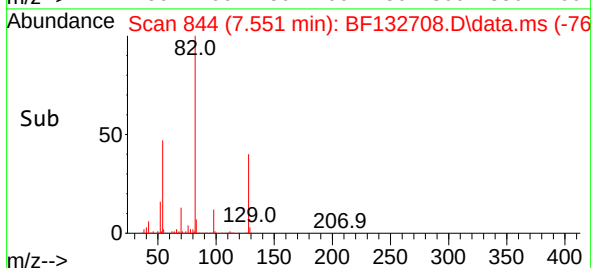


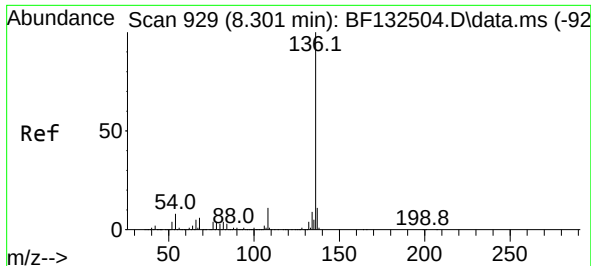
#19
n-Nitroso-di-n-propylamine
Concen: 9.339 ng
RT: 7.551 min Scan# 844
Delta R.T. 0.147 min
Lab File: BF132708.D
Acq: 09 Mar 2023 00:44



Tgt Ion: 70 Resp: 71079

Ion	Ratio	Lower	Upper
70	100		
42	43.4	44.1	66.1#
101	0.0	7.4	11.2#
130	2.2	14.2	21.4#



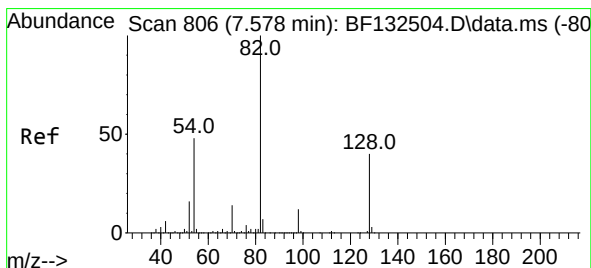
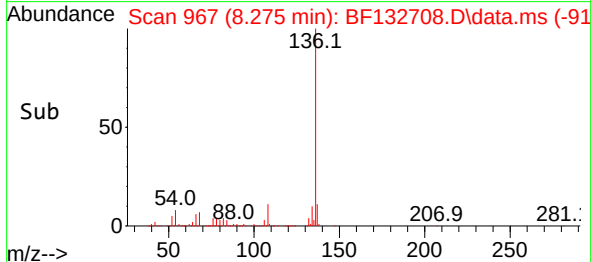
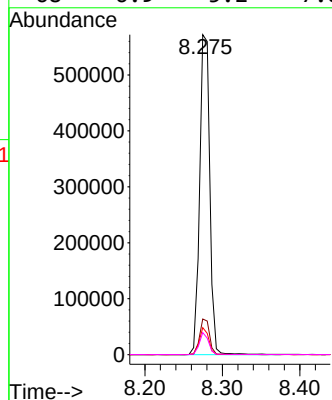
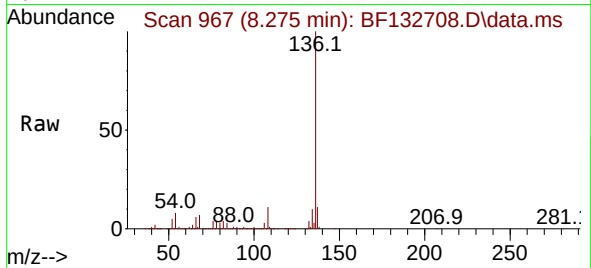


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.275 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132708.D
Acq: 09 Mar 2023 00:44

Instrument :
BNA_F
ClientSampleId :
SS-05-20230306

Tgt Ion:136 Resp: 519045

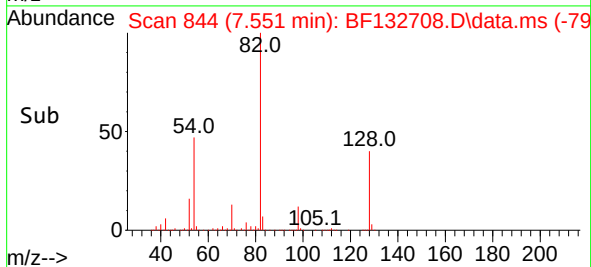
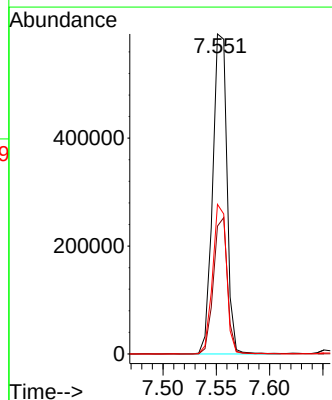
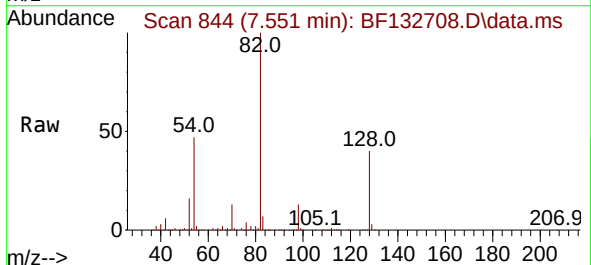
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.4	6.2	9.4
68	6.9	5.2	7.8

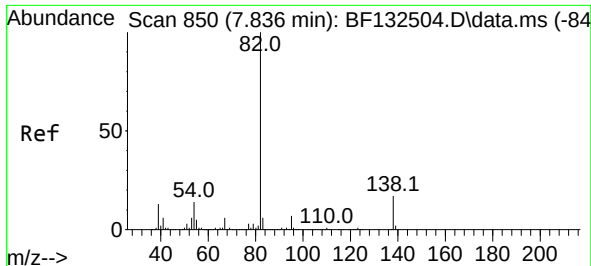


#23
Nitrobenzene-d5
Concen: 50.594 ng
RT: 7.551 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF132708.D
Acq: 09 Mar 2023 00:44

Tgt Ion: 82 Resp: 553500

Ion	Ratio	Lower	Upper
82	100		
128	39.9	32.2	48.2
54	46.7	38.4	57.6

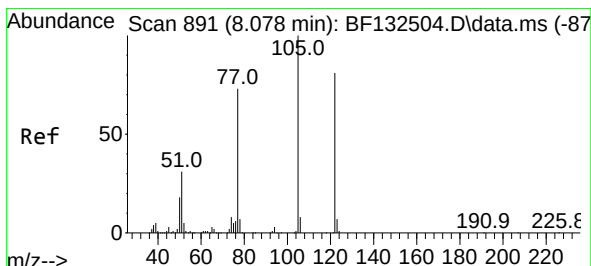
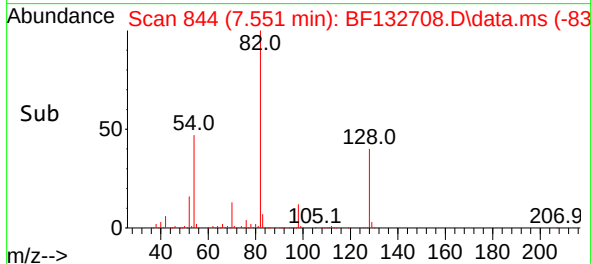
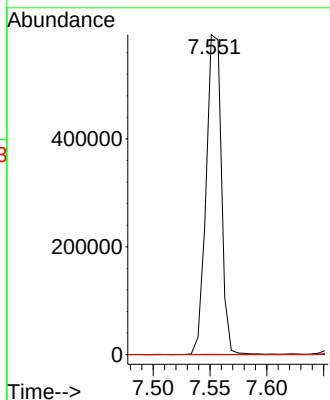
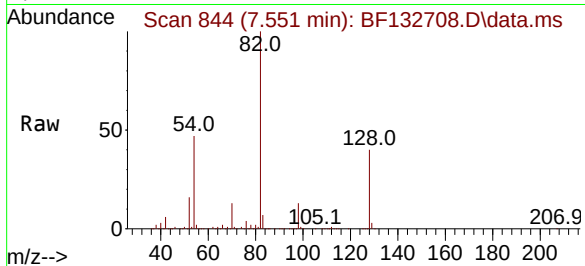




#25
Isophorone
Concen: 26.362 ng
RT: 7.551 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF132708.D
Acq: 09 Mar 2023 00:44

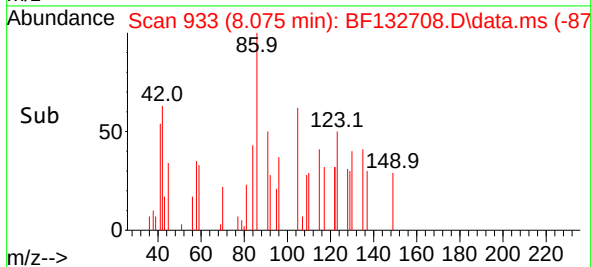
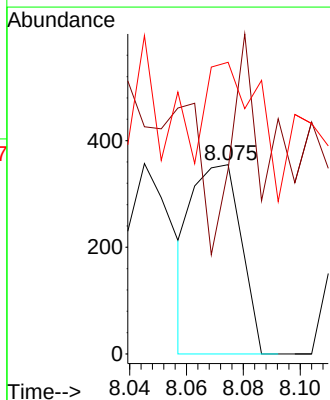
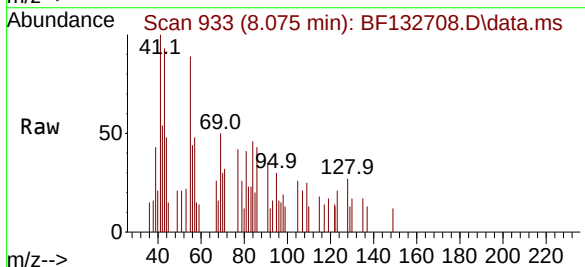
Instrument :
BNA_F
ClientSampleId :
SS-05-20230306

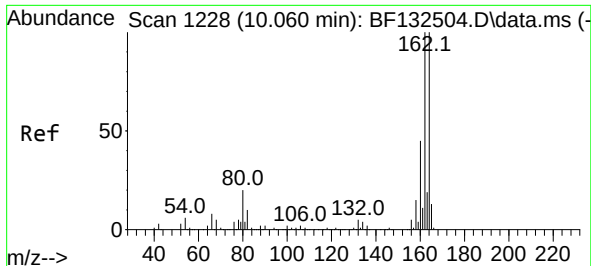
Tgt Ion: 82 Resp: 552940
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.897 ng
RT: 8.075 min Scan# 933
Delta R.T. 0.017 min
Lab File: BF132708.D
Acq: 09 Mar 2023 00:44

Tgt Ion: 122 Resp: 423
Ion Ratio Lower Upper
122 100
105 97.5 102.6 142.6#
77 154.1 70.2 110.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.039 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132708.D

Acq: 09 Mar 2023 00:44

Instrument :

BNA_F

ClientSampleId :

SS-05-20230306

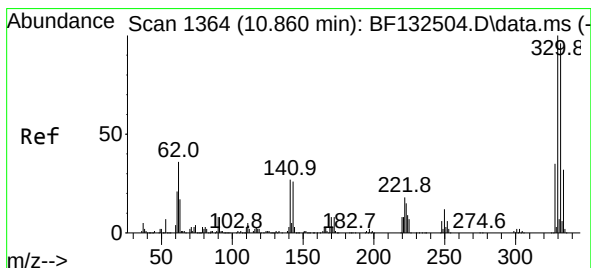
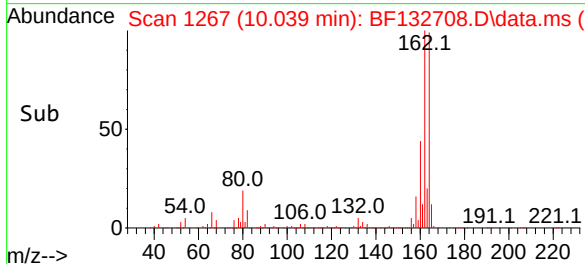
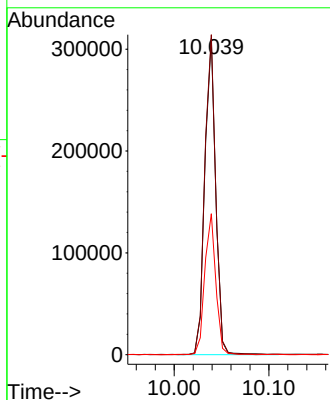
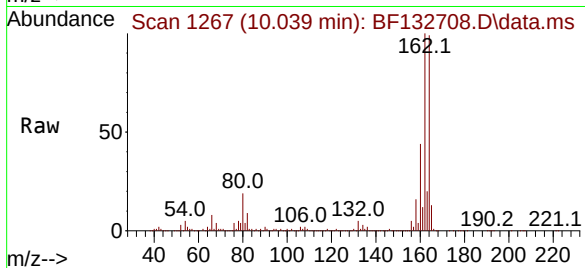
Tgt Ion:164 Resp: 248538

Ion Ratio Lower Upper

164 100

162 101.2 79.8 119.8

160 44.6 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 58.389 ng

RT: 10.833 min Scan# 1402

Delta R.T. -0.000 min

Lab File: BF132708.D

Acq: 09 Mar 2023 00:44

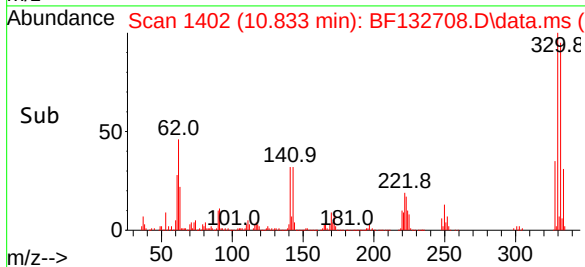
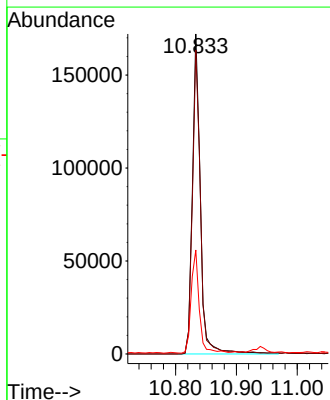
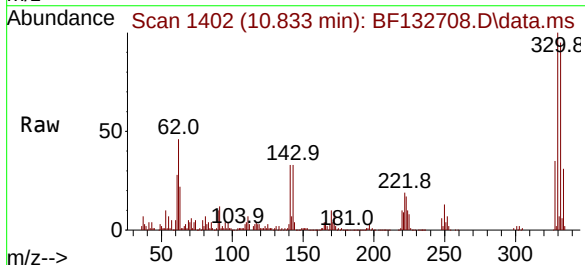
Tgt Ion:330 Resp: 156721

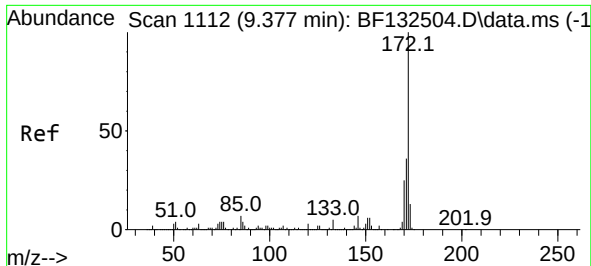
Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

141 32.6 28.4 42.6

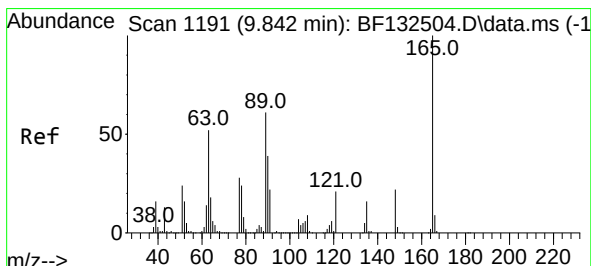
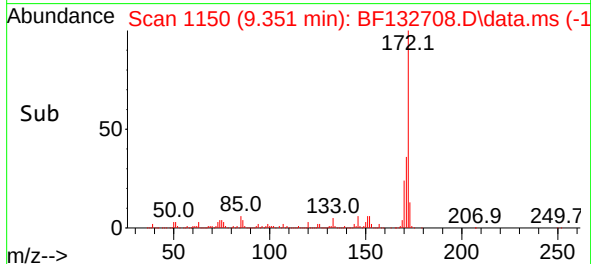
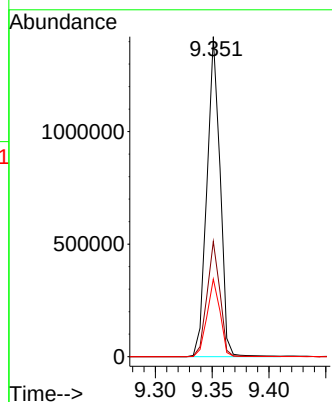
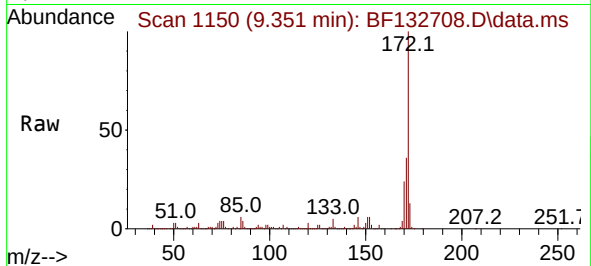




#45
2-Fluorobiphenyl
Concen: 70.066 ng
RT: 9.351 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132708.D
Acq: 09 Mar 2023 00:44

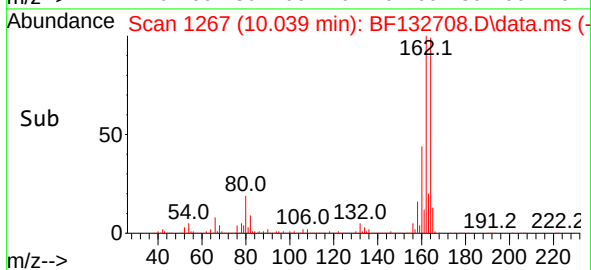
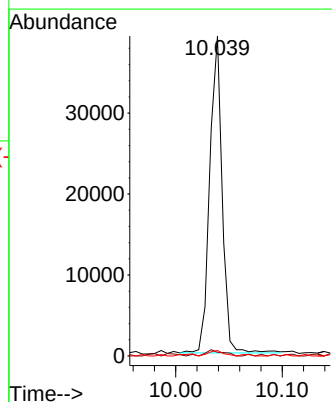
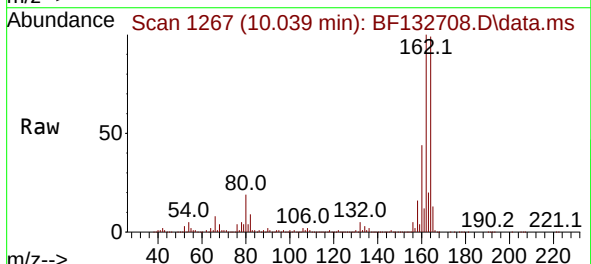
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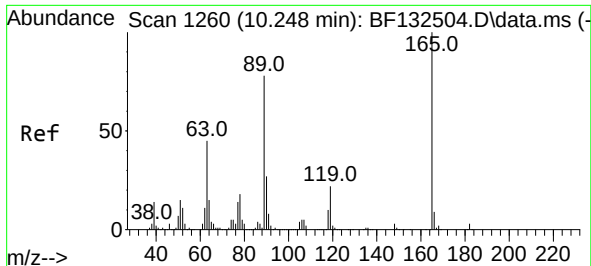
Tgt Ion:172 Resp: 1143656
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.2 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.739 ng
RT: 10.039 min Scan# 1267
Delta R.T. 0.217 min
Lab File: BF132708.D
Acq: 09 Mar 2023 00:44

Tgt Ion:165 Resp: 31893
Ion Ratio Lower Upper
165 100
63 1.1 47.3 70.9#
89 1.7 48.9 73.3#

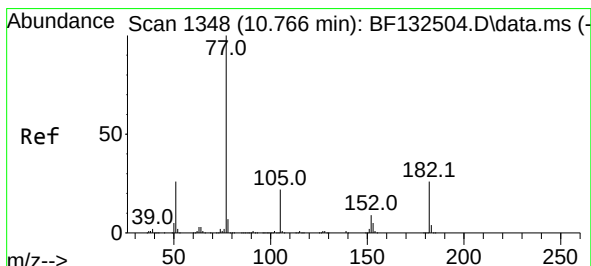
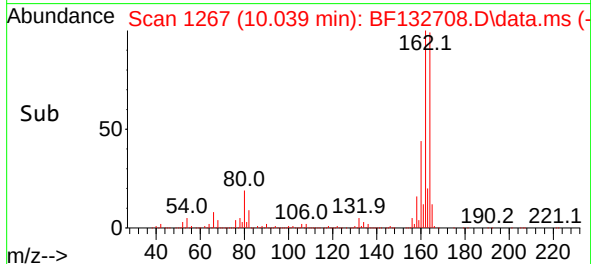
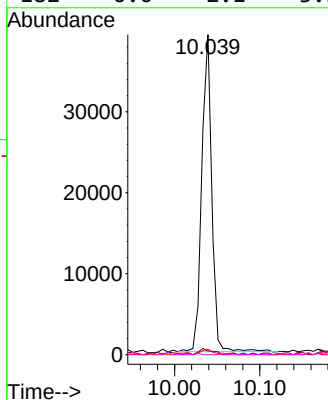
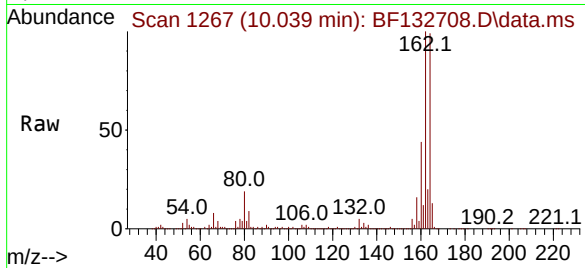




#57
2,4-Dinitrotoluene
Concen: 5.838 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF132708.D
Acq: 09 Mar 2023 00:44

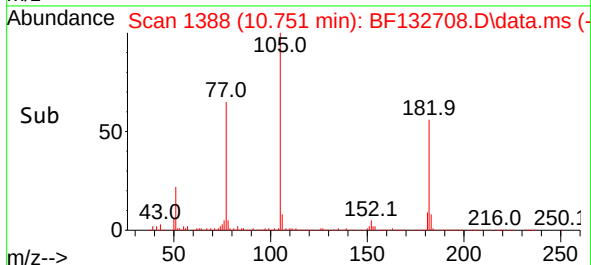
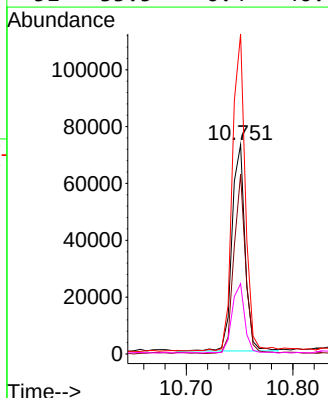
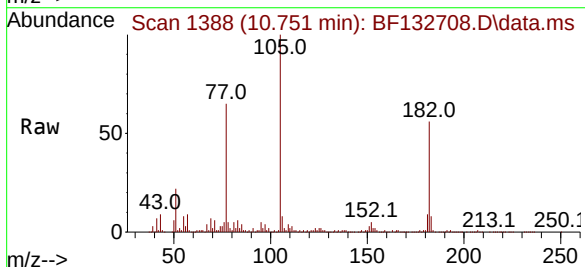
Instrument :
BNA_F
ClientSampleId :
SS-05-20230306

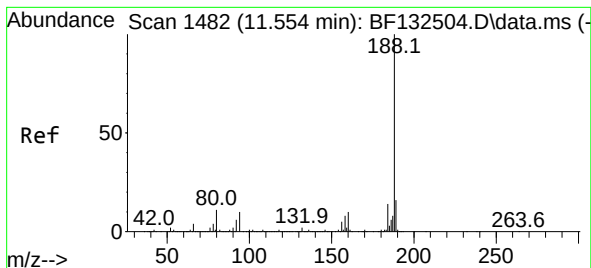
Tgt Ion:165 Resp: 32009
Ion Ratio Lower Upper
165 100
63 1.1 36.5 54.7#
89 1.7 62.4 93.6#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 3.317 ng
RT: 10.751 min Scan# 1388
Delta R.T. 0.012 min
Lab File: BF132708.D
Acq: 09 Mar 2023 00:44

Tgt Ion: 77 Resp: 62092
Ion Ratio Lower Upper
77 100
182 85.9 5.5 45.5#
105 152.9 1.8 41.8#
51 33.5 6.4 46.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.533 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132708.D

Acq: 09 Mar 2023 00:44

Instrument :

BNA_F

ClientSampleId :

SS-05-20230306

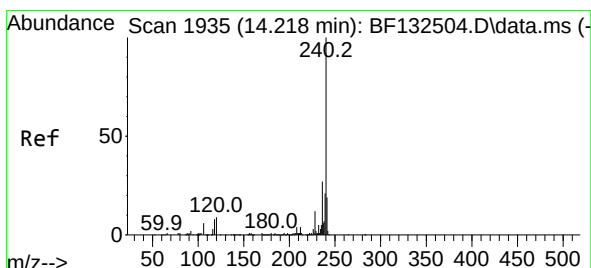
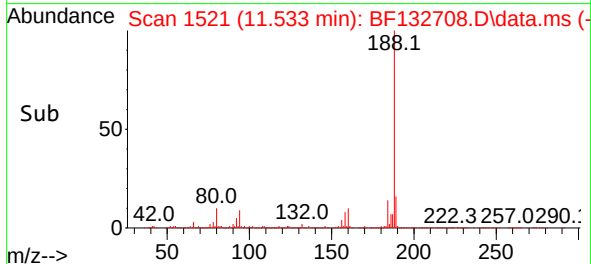
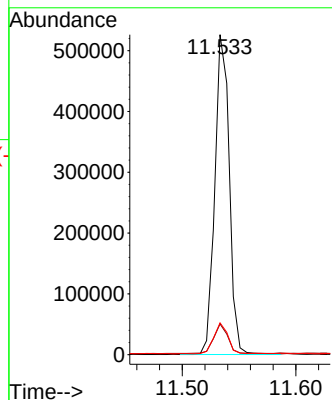
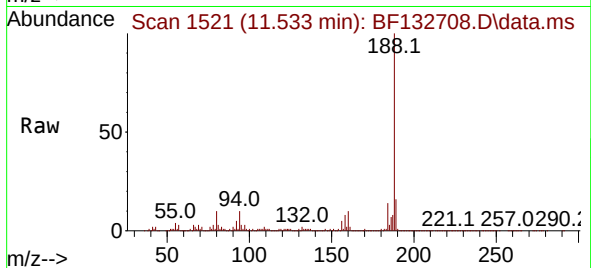
Tgt Ion:188 Resp: 465157

Ion Ratio Lower Upper

188 100

94 9.6 8.3 12.5

80 10.0 8.7 13.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.198 min Scan# 1974

Delta R.T. -0.000 min

Lab File: BF132708.D

Acq: 09 Mar 2023 00:44

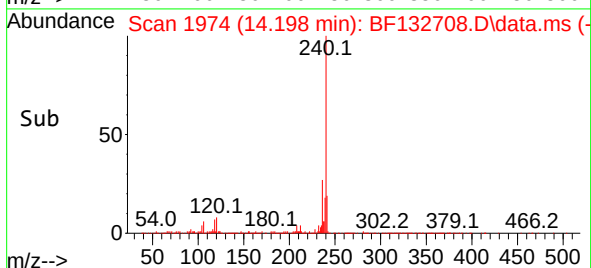
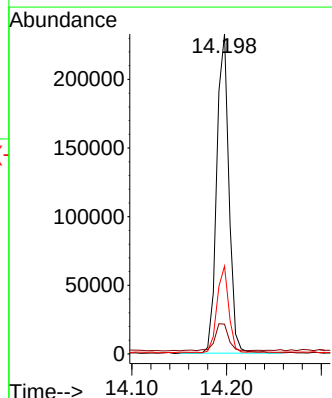
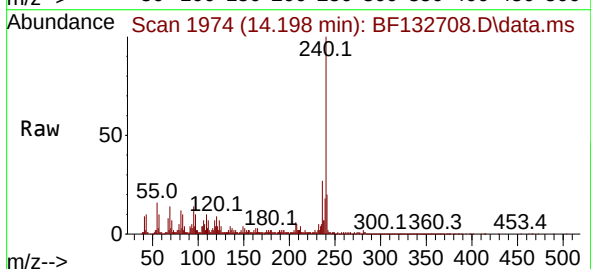
Tgt Ion:240 Resp: 207286

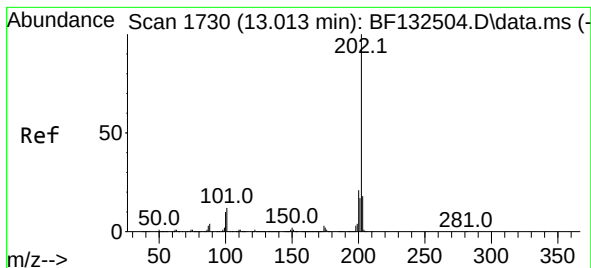
Ion Ratio Lower Upper

240 100

120 9.3 7.2 10.8

236 27.4 21.8 32.6





#78

Pyrene

Concen: 2.097 ng

RT: 12.992 min Scan# 1769

Delta R.T. -0.000 min

Lab File: BF132708.D

Acq: 09 Mar 2023 00:44

Instrument :

BNA_F

ClientSampleId :

SS-05-20230306

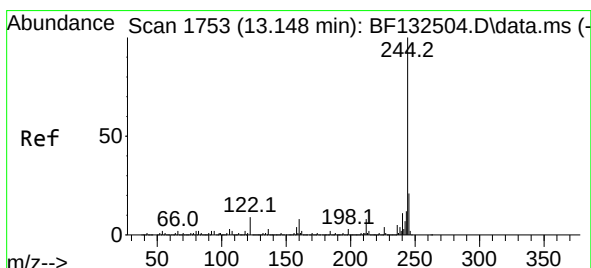
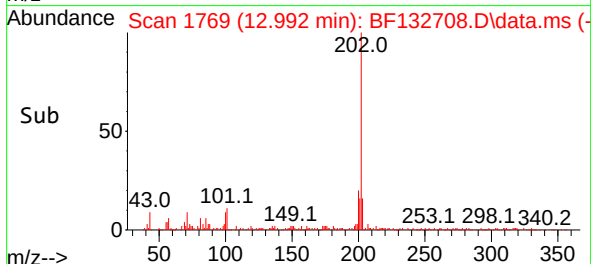
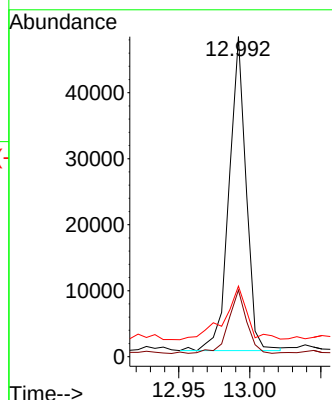
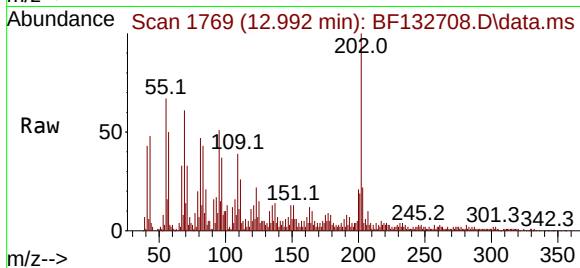
Tgt Ion:202 Resp: 39527

Ion Ratio Lower Upper

202 100

200 20.8 17.1 25.7

203 22.0 14.6 21.8#



#79

Terphenyl-d14

Concen: 83.696 ng

RT: 13.127 min Scan# 1792

Delta R.T. -0.000 min

Lab File: BF132708.D

Acq: 09 Mar 2023 00:44

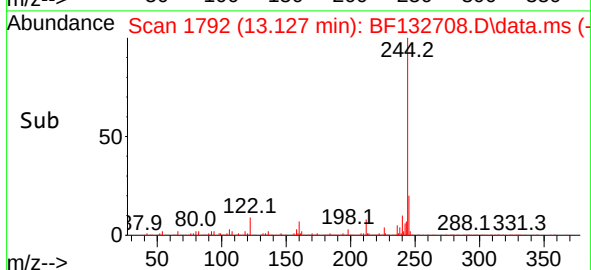
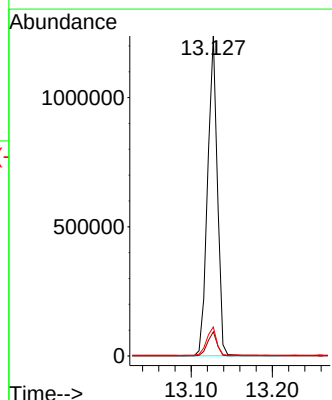
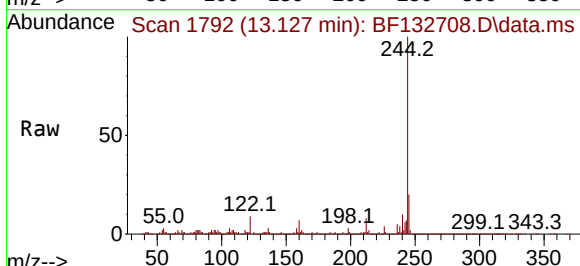
Tgt Ion:244 Resp: 1026113

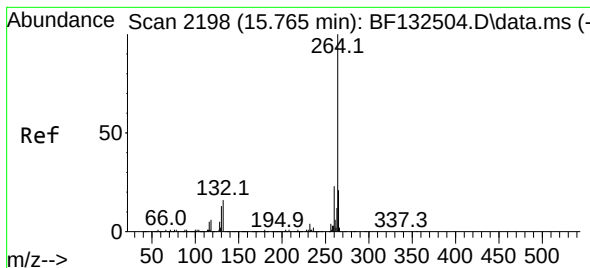
Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

122 9.0 7.5 11.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.751 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF132708.D

Acq: 09 Mar 2023 00:44

Instrument :

BNA_F

ClientSampleId :

SS-05-20230306

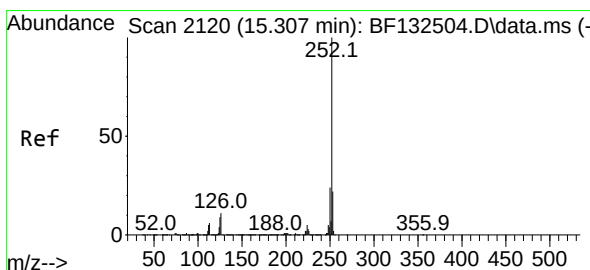
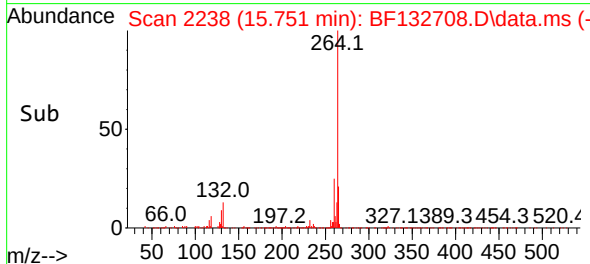
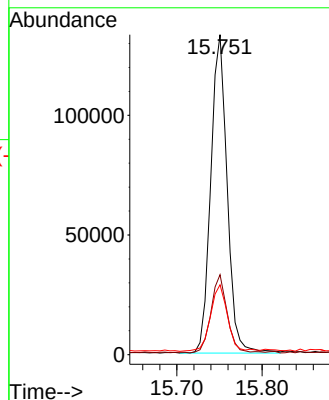
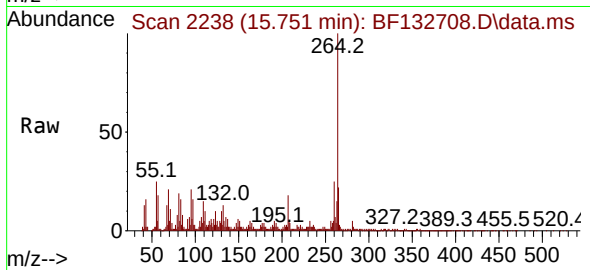
Tgt Ion:264 Resp: 177549

Ion Ratio Lower Upper

264 100

260 25.0 18.8 28.2

265 21.8 17.1 25.7



#88

Benzo(b)fluoranthene

Concen: 2.586 ng

RT: 15.286 min Scan# 2159

Delta R.T. 0.006 min

Lab File: BF132708.D

Acq: 09 Mar 2023 00:44

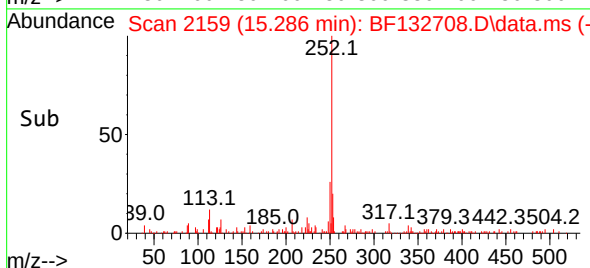
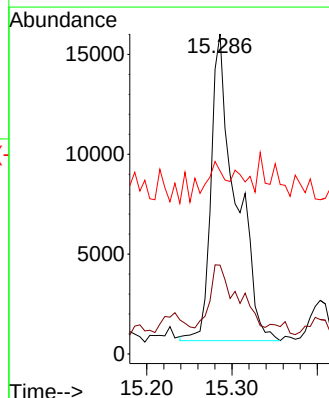
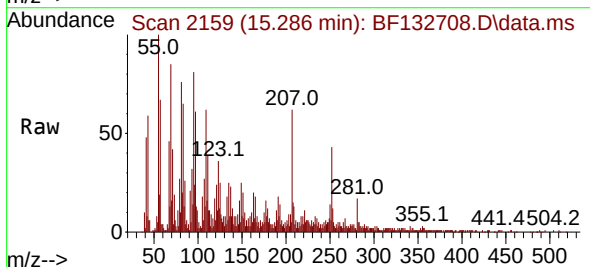
Tgt Ion:252 Resp: 30765

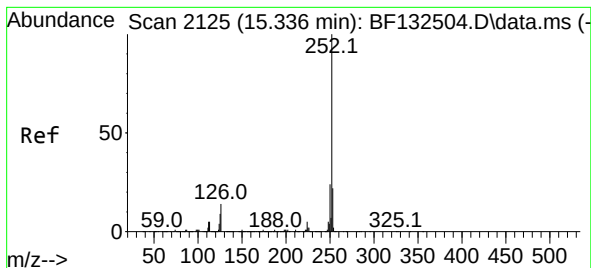
Ion Ratio Lower Upper

252 100

253 27.7 17.4 26.0#

125 57.2 7.0 10.6#





#89

Benzo(k)fluoranthene

Concen: 2.642 ng

RT: 15.286 min Scan# 2125

Delta R.T. -0.030 min

Lab File: BF132708.D

Acq: 09 Mar 2023 00:44

Instrument :

BNA_F

ClientSampleId :

SS-05-20230306

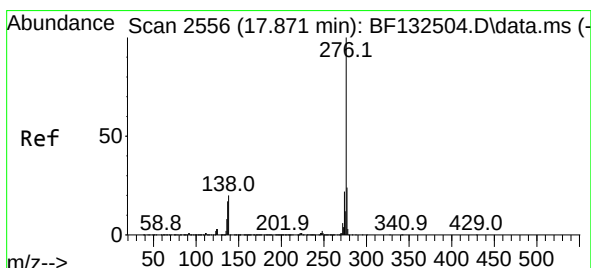
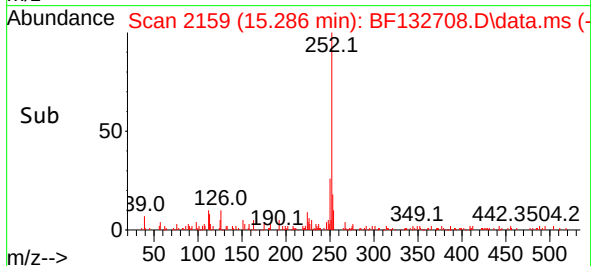
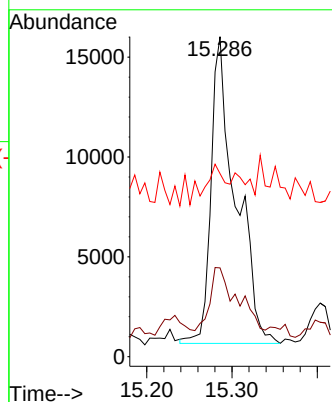
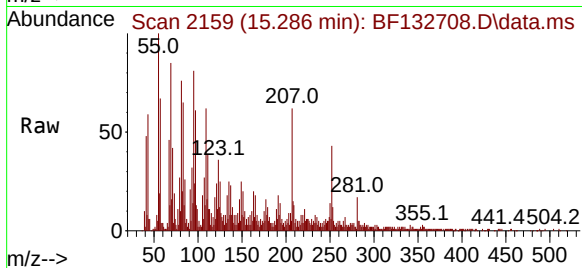
Tgt Ion:252 Resp: 30765

Ion Ratio Lower Upper

252 100

253 27.7 17.5 26.3#

125 57.2 7.2 10.8#



#92

Benzo(g,h,i)perylene

Concen: 2.384 ng

RT: 17.833 min Scan# 2592

Delta R.T. -0.000 min

Lab File: BF132708.D

Acq: 09 Mar 2023 00:44

Tgt Ion:276 Resp: 8532

Ion Ratio Lower Upper

276 100

277 50.1 18.9 28.3#

138 63.3 16.2 24.4#

