

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF133020.D
 Acq On : 25 Apr 2023 03:59
 Operator : CG\JU
 Sample : 02470-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Quant Time: Apr 25 05:23:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

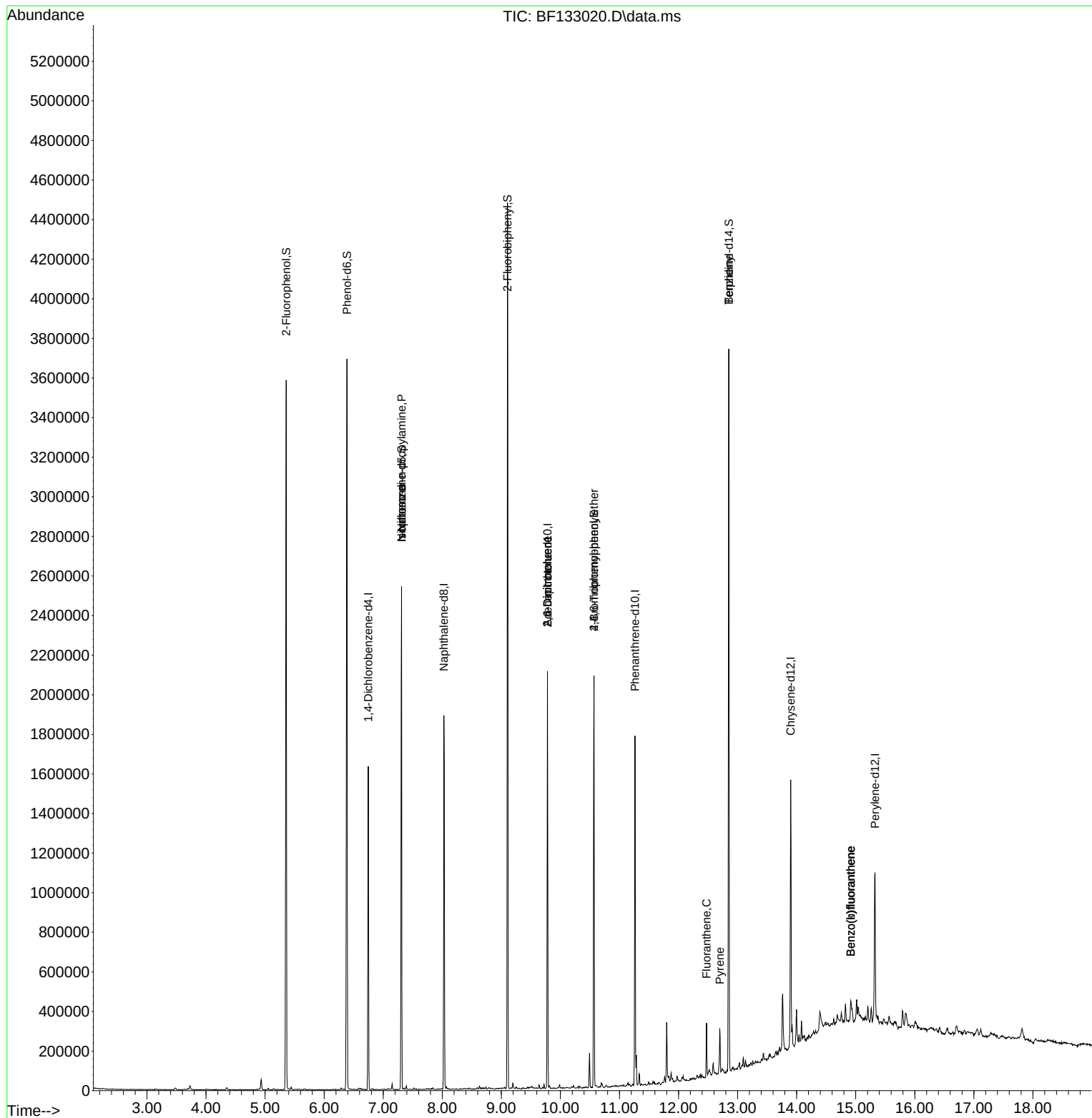
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	203251	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	782981	20.000	ng	-0.01
39) Acenaphthene-d10	9.781	164	369874	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	586057	20.000	ng	0.00
76) Chrysene-d12	13.898	240	410811	20.000	ng	-0.01
86) Perylene-d12	15.327	264	337674	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	986172	73.295	ng	0.00
7) Phenol-d6	6.387	99	1188818	71.185	ng	0.00
23) Nitrobenzene-d5	7.310	82	716697	49.407	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	227042	61.036	ng	-0.01
45) 2-Fluorobiphenyl	9.104	172	1297436	58.685	ng	-0.01
79) Terphenyl-d14	12.851	244	1186871	49.827	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.293	77	1798	Below Cal	#	77
19) n-Nitroso-di-n-propyla...	7.310	70	95110	9.148	ng	# 75
25) Isophorone	7.310	82	716688	26.022	ng	# 63
51) 2,6-Dinitrotoluene	9.781	165	47951	8.261	ng	# 25
57) 2,4-Dinitrotoluene	9.781	165	47951	6.477	ng	# 23
67) 4-Bromophenyl-phenylether	10.569	248	14902	2.345	ng	# 1
75) Fluoranthene	12.475	202	92308	2.920	ng	96
77) Benzidine	12.851	184	14002	2.016	ng	97
78) Pyrene	12.698	202	87720	2.491	ng	98
88) Benzo(b)fluoranthene	14.916	252	73694	3.430	ng	# 92
89) Benzo(k)fluoranthene	14.916	252	73694	3.461	ng	# 92

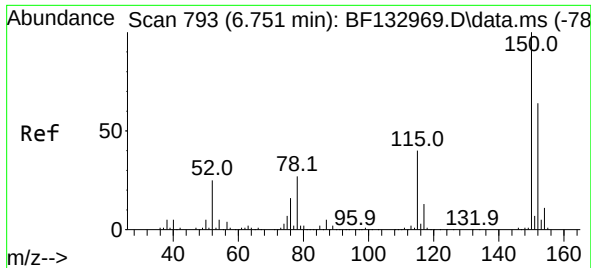
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 25 05:23:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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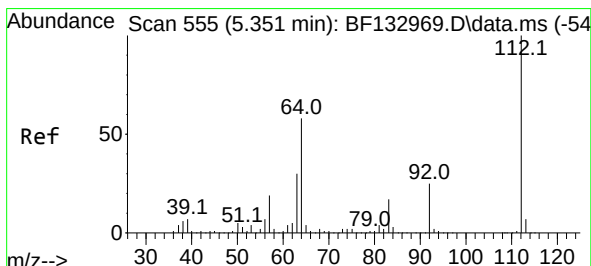
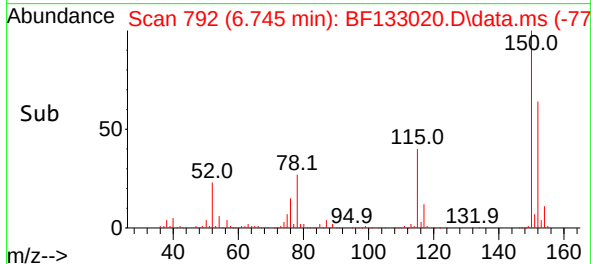
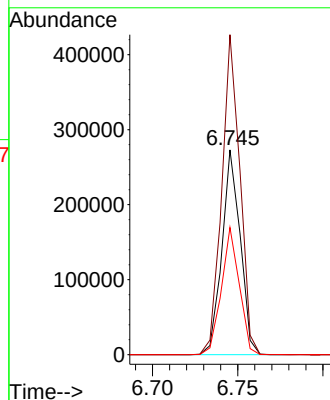
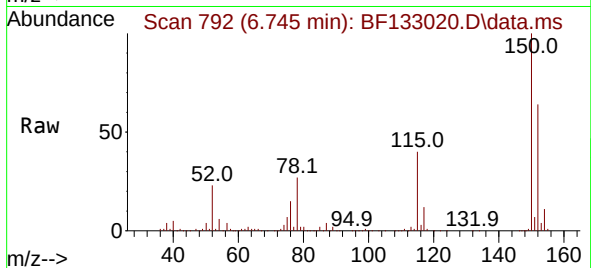




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133020.D
Acq: 25 Apr 2023 03:59

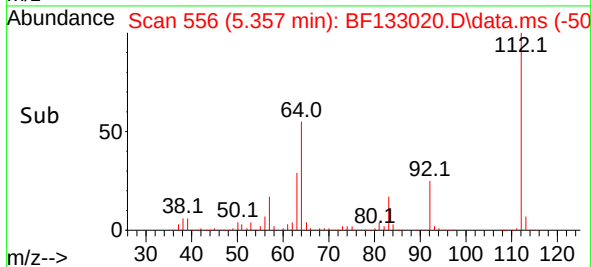
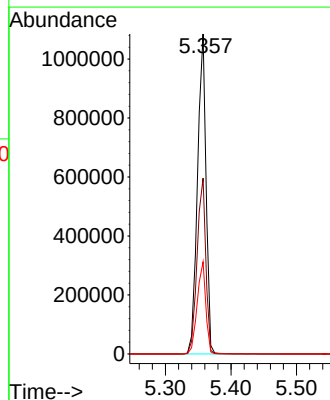
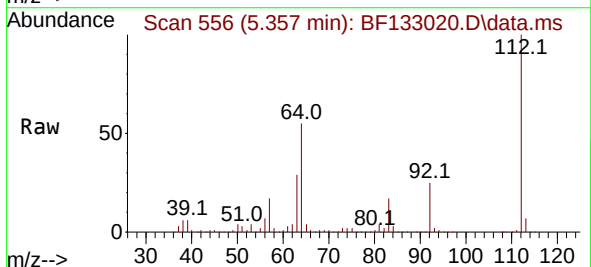
Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

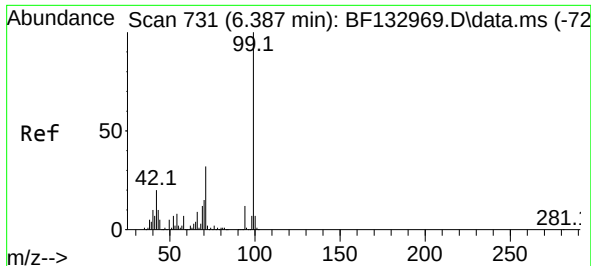
Tgt Ion:152 Resp: 203251
Ion Ratio Lower Upper
152 100
150 156.2 124.8 187.2
115 62.1 49.9 74.9



#5
2-Fluorophenol
Concen: 73.295 ng
RT: 5.357 min Scan# 556
Delta R.T. 0.006 min
Lab File: BF133020.D
Acq: 25 Apr 2023 03:59

Tgt Ion:112 Resp: 986172
Ion Ratio Lower Upper
112 100
64 55.0 46.8 70.2
63 28.8 23.8 35.8





#7

Phenol-d6

Concen: 71.185 ng

RT: 6.387 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133020.D

Acq: 25 Apr 2023 03:59

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

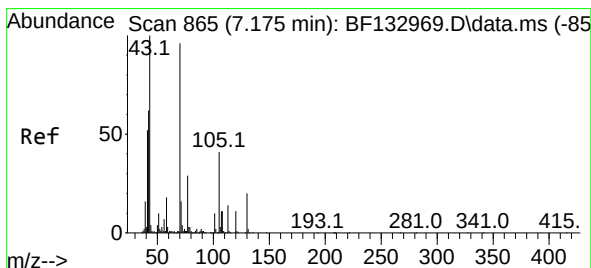
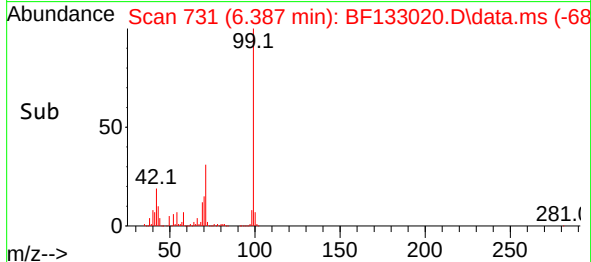
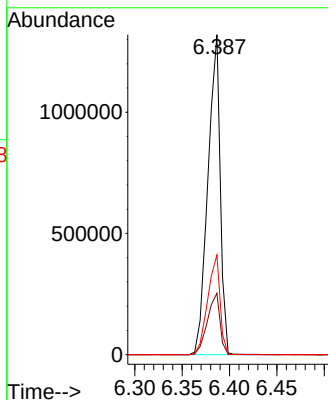
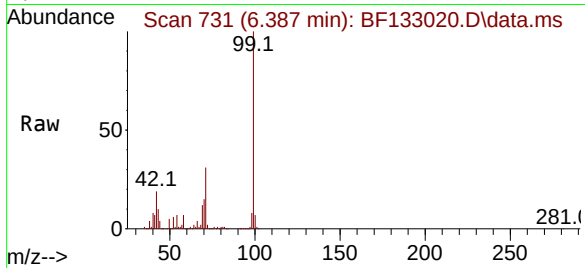
Tgt Ion: 99 Resp: 1188818

Ion Ratio Lower Upper

99 100

42 19.2 16.3 24.5

71 31.2 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 9.148 ng

RT: 7.310 min Scan# 888

Delta R.T. 0.135 min

Lab File: BF133020.D

Acq: 25 Apr 2023 03:59

Tgt Ion: 70 Resp: 95110

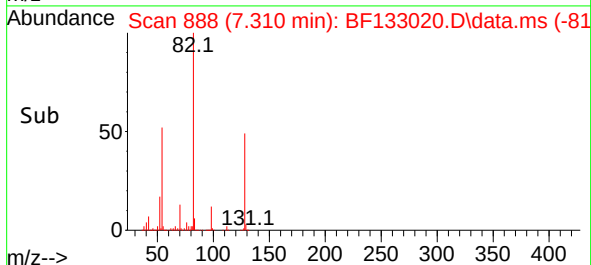
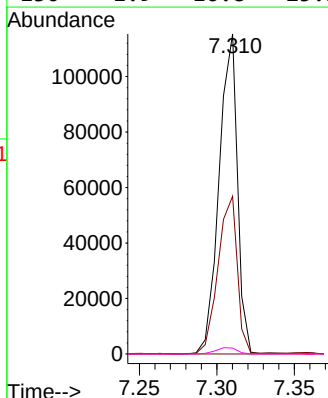
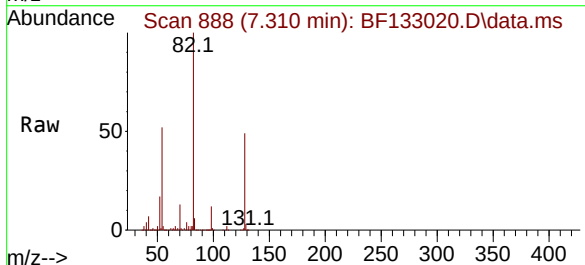
Ion Ratio Lower Upper

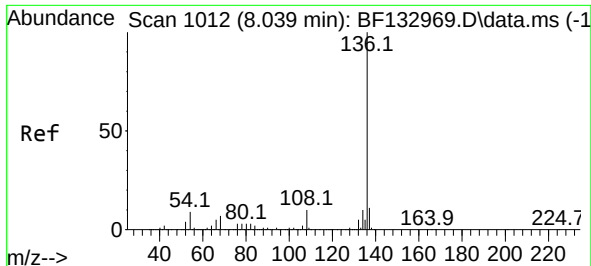
70 100

42 49.3 51.8 77.6#

101 0.0 8.0 12.0#

130 1.9 16.8 25.2#



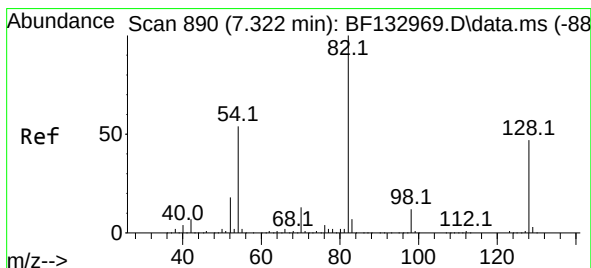
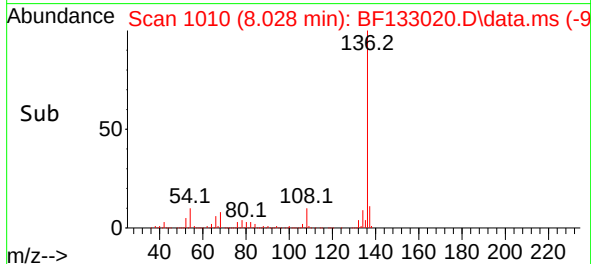
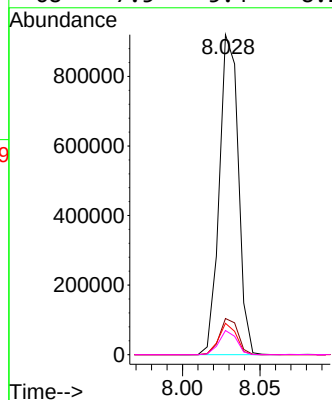
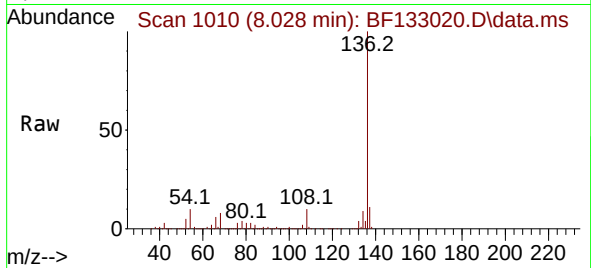


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF133020.D
Acq: 25 Apr 2023 03:59

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion:136 Resp: 782981

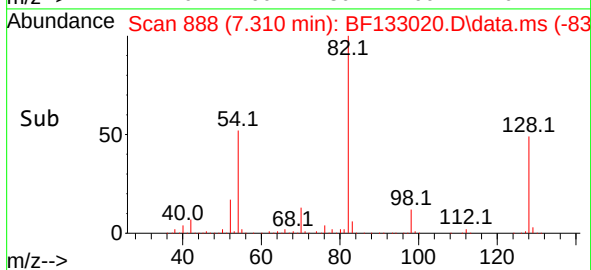
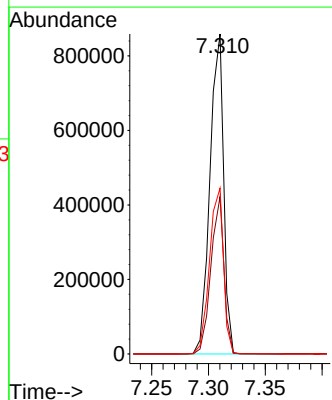
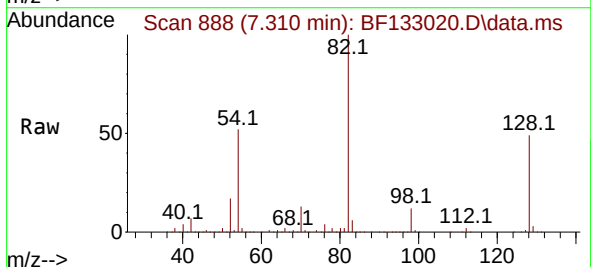
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	9.8	7.0	10.4
68	7.5	5.4	8.2

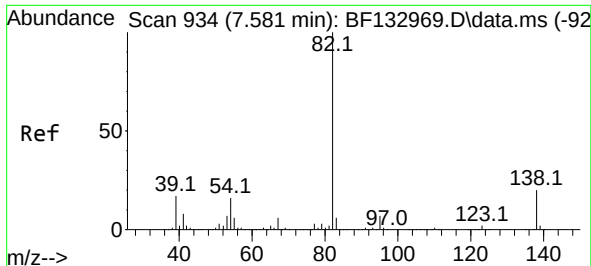


#23
Nitrobenzene-d5
Concen: 49.407 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF133020.D
Acq: 25 Apr 2023 03:59

Tgt Ion: 82 Resp: 716697

Ion	Ratio	Lower	Upper
82	100		
128	49.2	37.7	56.5
54	51.8	43.0	64.4

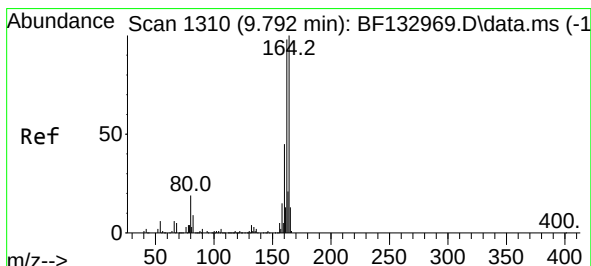
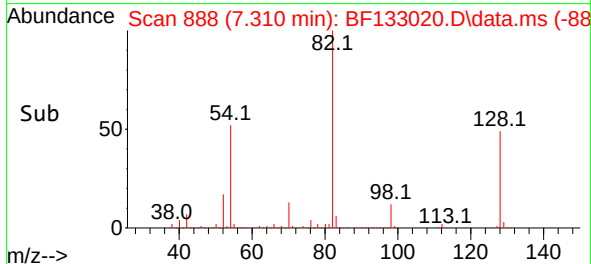
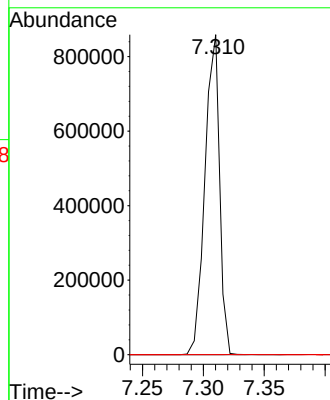
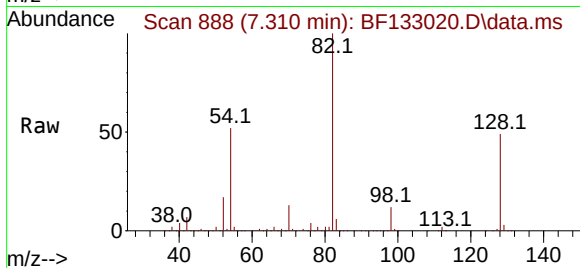




#25
Isophorone
Concen: 26.022 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF133020.D
Acq: 25 Apr 2023 03:59

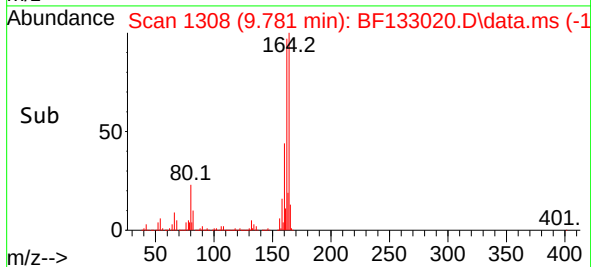
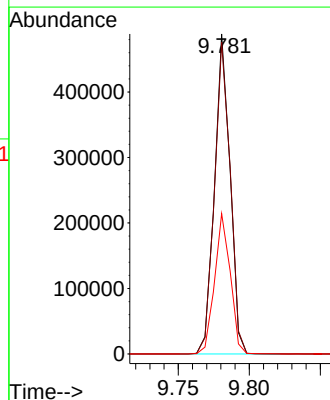
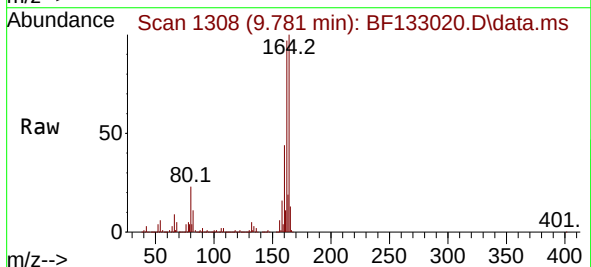
Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

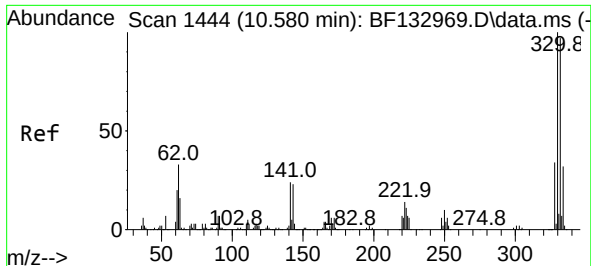
Tgt Ion: 82 Resp: 716688
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF133020.D
Acq: 25 Apr 2023 03:59

Tgt Ion:164 Resp: 369874
Ion Ratio Lower Upper
164 100
162 97.5 78.7 118.1
160 43.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 61.036 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.012 min

Lab File: BF133020.D

Acq: 25 Apr 2023 03:59

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

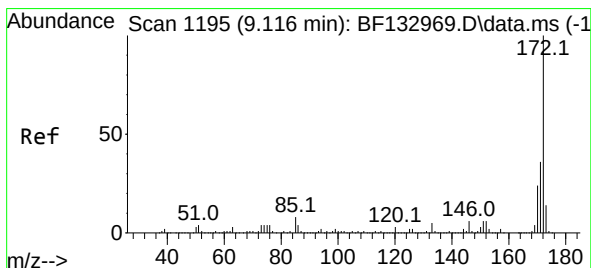
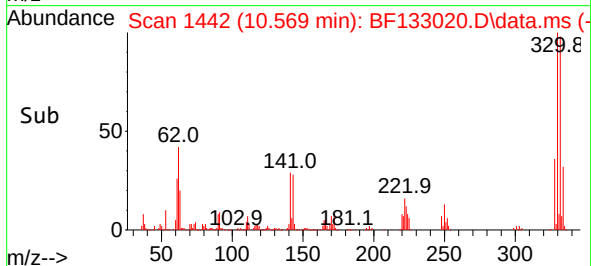
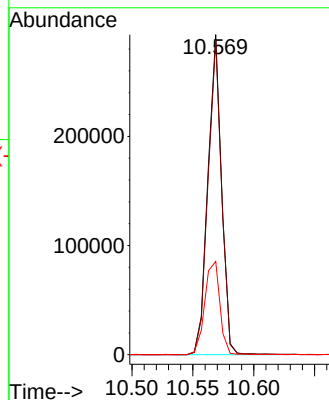
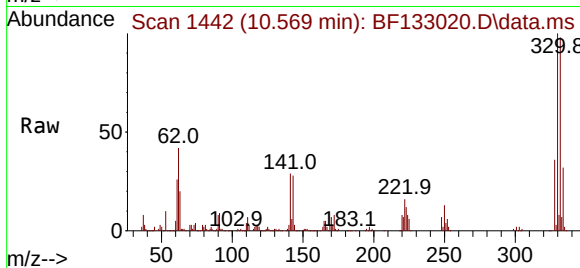
Tgt Ion:330 Resp: 227042

Ion Ratio Lower Upper

330 100

332 97.9 77.1 115.7

141 32.7 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 58.685 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.012 min

Lab File: BF133020.D

Acq: 25 Apr 2023 03:59

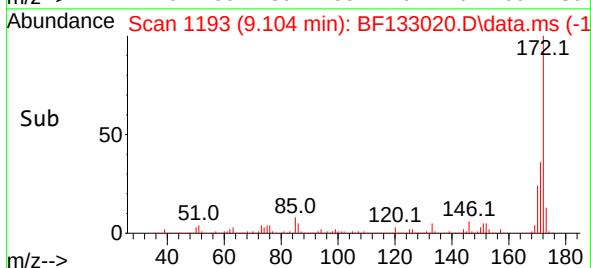
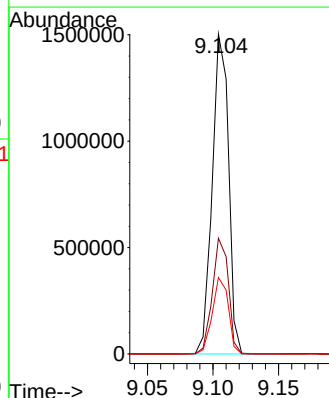
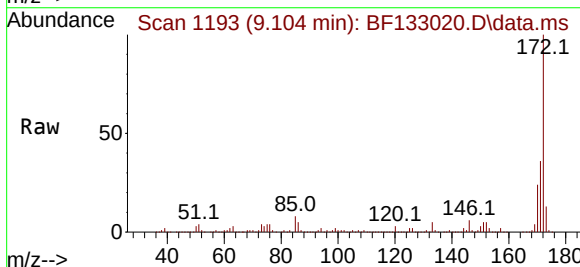
Tgt Ion:172 Resp: 1297436

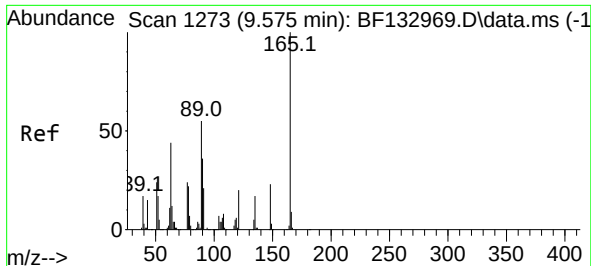
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 23.9 19.4 29.2





#51

2,6-Dinitrotoluene

Concen: 8.261 ng

RT: 9.781 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF133020.D

Acq: 25 Apr 2023 03:59

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

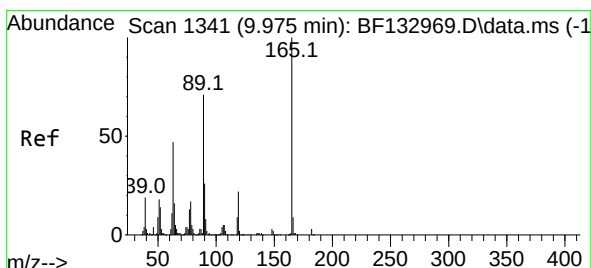
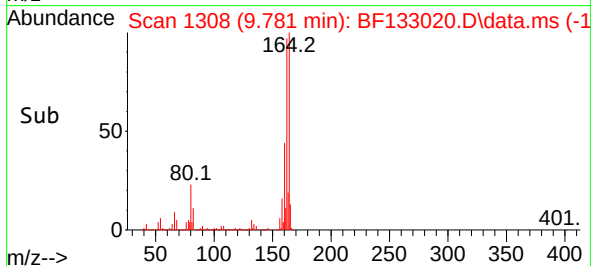
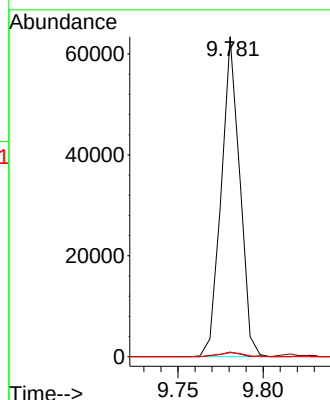
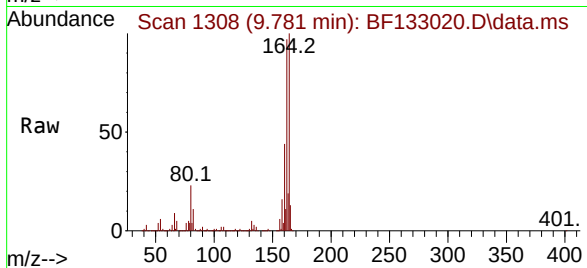
Tgt Ion:165 Resp: 47951

Ion Ratio Lower Upper

165 100

63 1.4 45.9 68.9#

89 1.3 44.0 66.0#



#57

2,4-Dinitrotoluene

Concen: 6.477 ng

RT: 9.781 min Scan# 1308

Delta R.T. -0.194 min

Lab File: BF133020.D

Acq: 25 Apr 2023 03:59

Tgt Ion:165 Resp: 47951

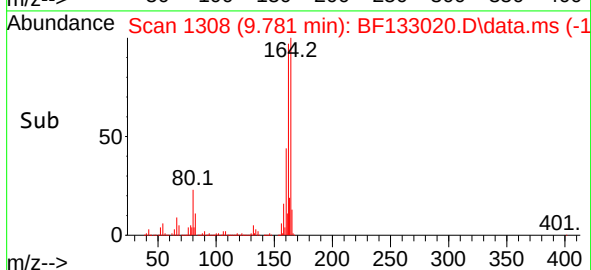
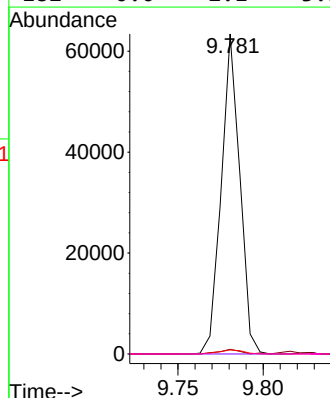
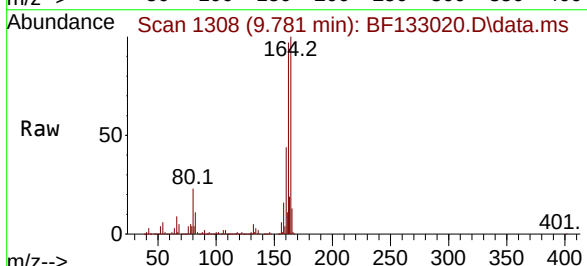
Ion Ratio Lower Upper

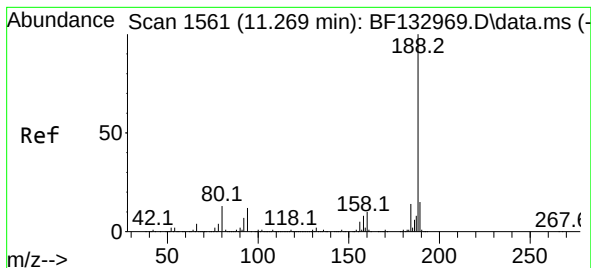
165 100

63 1.4 37.7 56.5#

89 1.3 57.0 85.4#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133020.D

Acq: 25 Apr 2023 03:59

Instrument :

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ClientSampleId :

SB-10-COMP

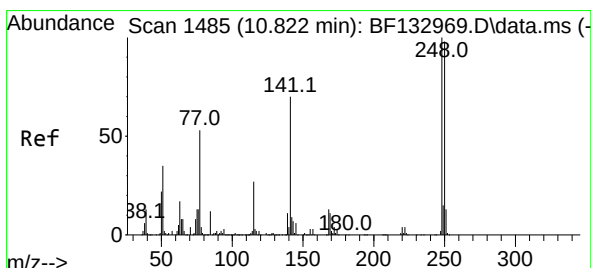
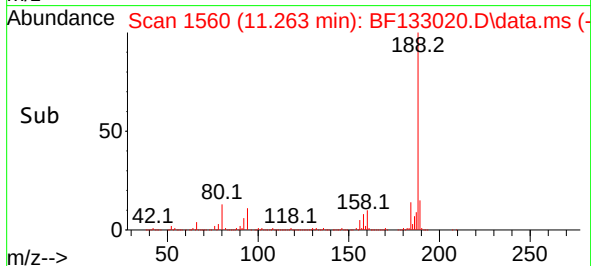
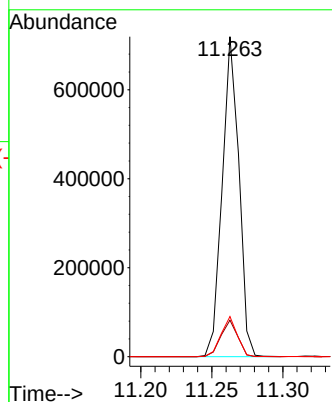
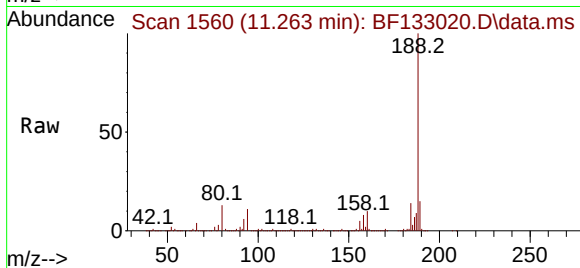
Tgt Ion:188 Resp: 586057

Ion Ratio Lower Upper

188 100

94 11.4 9.7 14.5

80 12.5 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 2.345 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.253 min

Lab File: BF133020.D

Acq: 25 Apr 2023 03:59

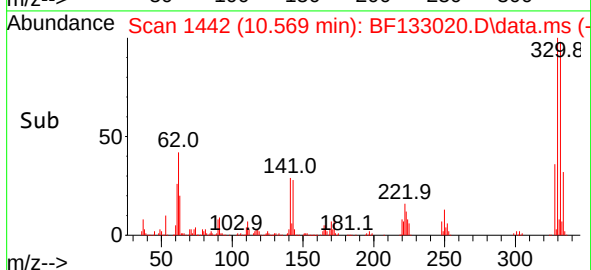
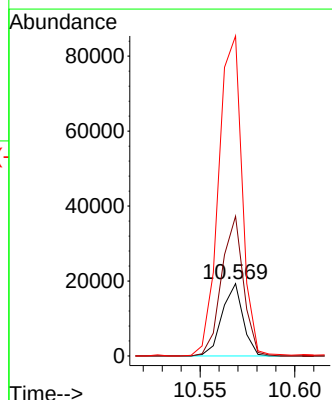
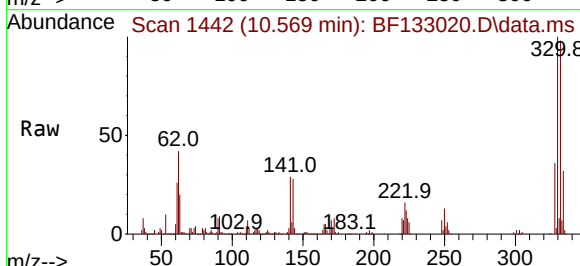
Tgt Ion:248 Resp: 14902

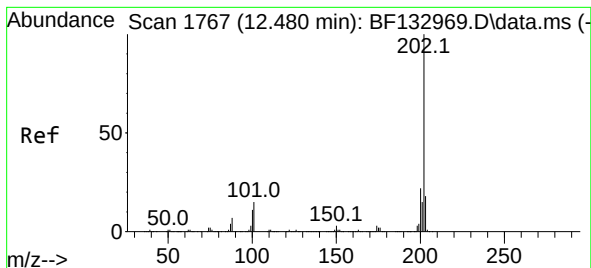
Ion Ratio Lower Upper

248 100

250 193.0 78.7 118.1#

141 442.2 56.3 84.5#





#75

Fluoranthene

Concen: 2.920 ng

RT: 12.475 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133020.D

Acq: 25 Apr 2023 03:59

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

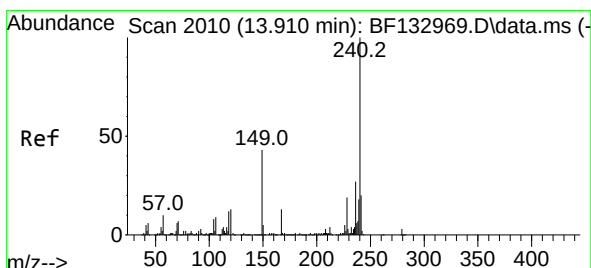
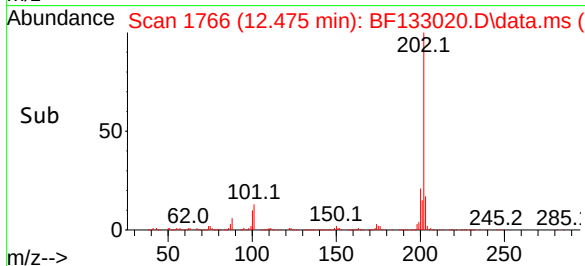
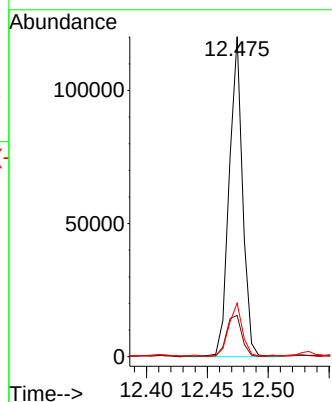
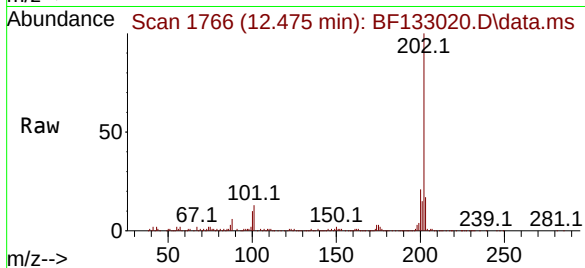
Tgt Ion:202 Resp: 92308

Ion Ratio Lower Upper

202 100

101 12.9 0.0 35.3

203 16.7 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.012 min

Lab File: BF133020.D

Acq: 25 Apr 2023 03:59

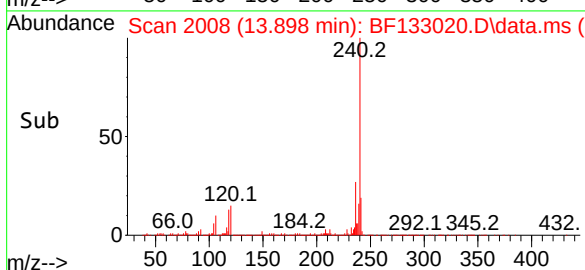
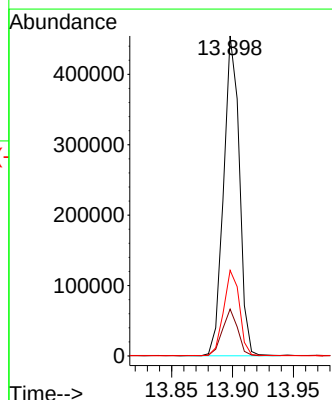
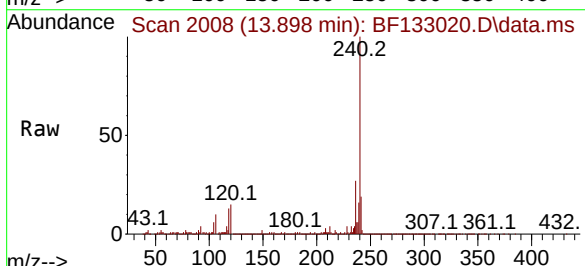
Tgt Ion:240 Resp: 410811

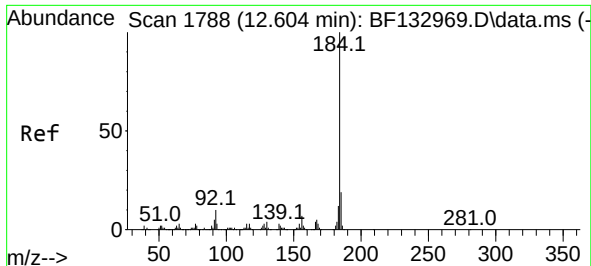
Ion Ratio Lower Upper

240 100

120 14.7 10.5 15.7

236 26.7 21.5 32.3

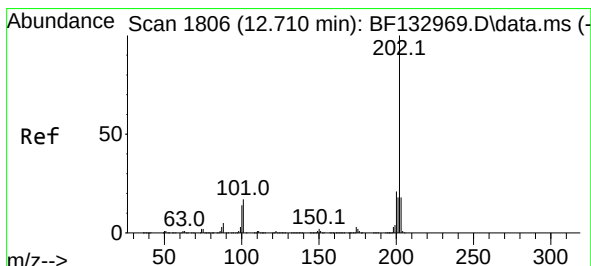
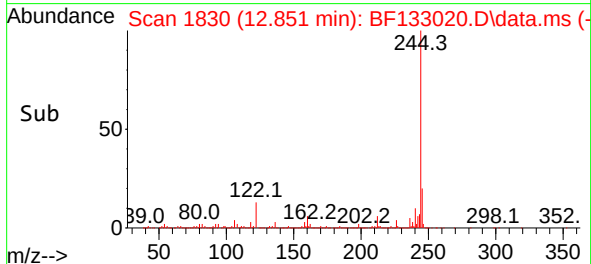
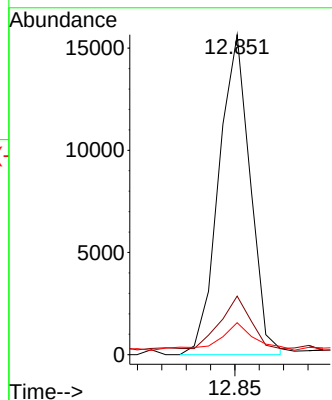
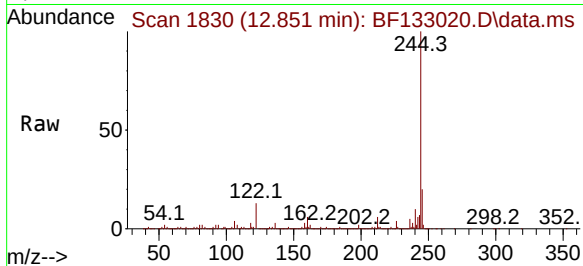




#77
Benzidine
Concen: 2.016 ng
RT: 12.851 min Scan# 1802
Delta R.T. 0.247 min
Lab File: BF133020.D
Acq: 25 Apr 2023 03:59

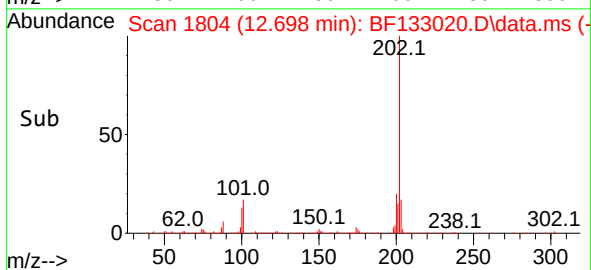
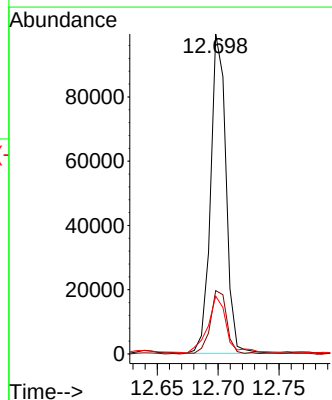
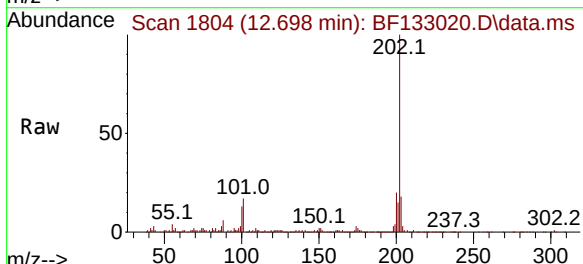
Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

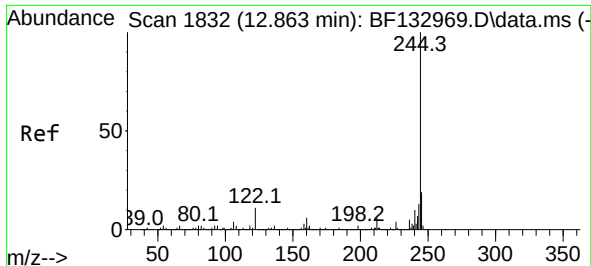
Tgt Ion:184 Resp: 14002
Ion Ratio Lower Upper
184 100
185 18.3 15.4 23.2
183 10.0 9.4 14.0



#78
Pyrene
Concen: 2.491 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.012 min
Lab File: BF133020.D
Acq: 25 Apr 2023 03:59

Tgt Ion:202 Resp: 87720
Ion Ratio Lower Upper
202 100
200 19.8 17.1 25.7
203 18.1 14.1 21.1

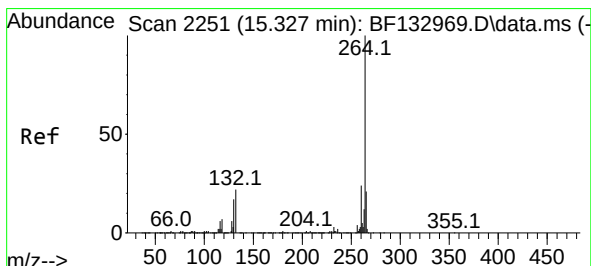
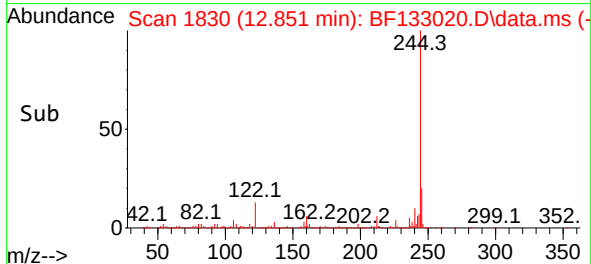
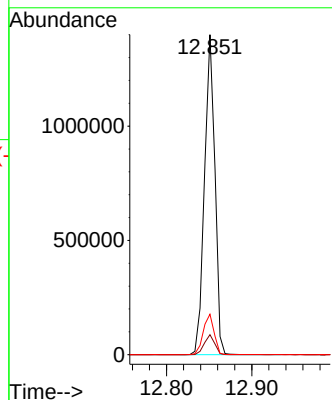
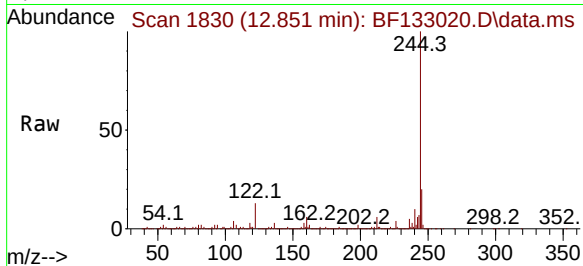




#79
 Terphenyl-d14
 Concen: 49.827 ng
 RT: 12.851 min Scan# 1830
 Delta R.T. -0.012 min
 Lab File: BF133020.D
 Acq: 25 Apr 2023 03:59

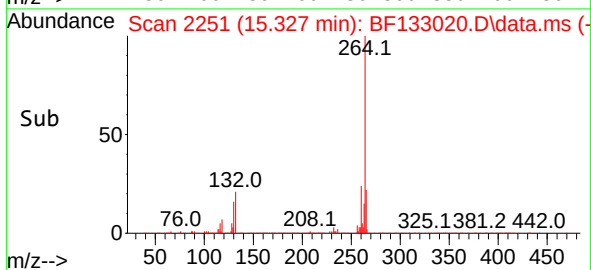
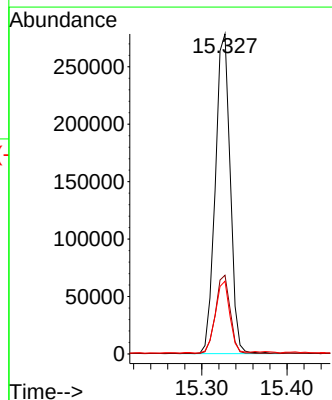
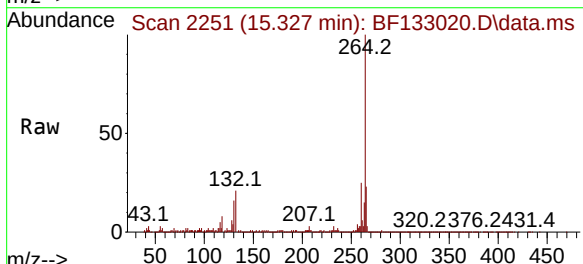
Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

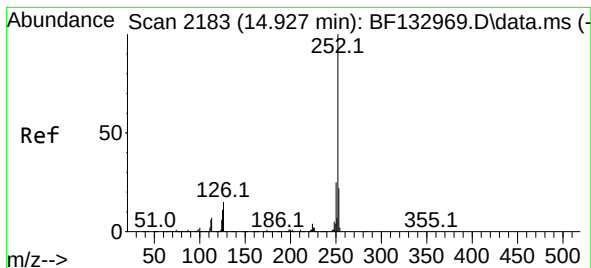
Tgt Ion:244 Resp: 1186871
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.1 7.7
 122 12.7 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.327 min Scan# 2251
 Delta R.T. 0.000 min
 Lab File: BF133020.D
 Acq: 25 Apr 2023 03:59

Tgt Ion:264 Resp: 337674
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.8 28.2
 265 22.8 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 3.430 ng

RT: 14.916 min Scan# 2181

Delta R.T. -0.012 min

Lab File: BF133020.D

Acq: 25 Apr 2023 03:59

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

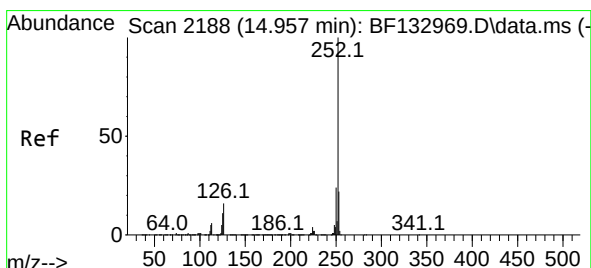
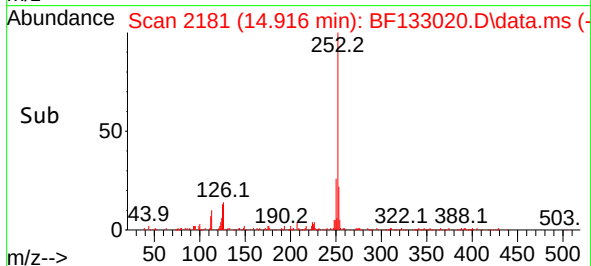
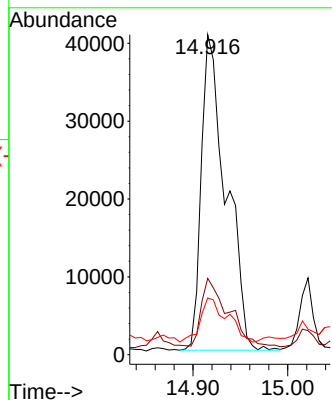
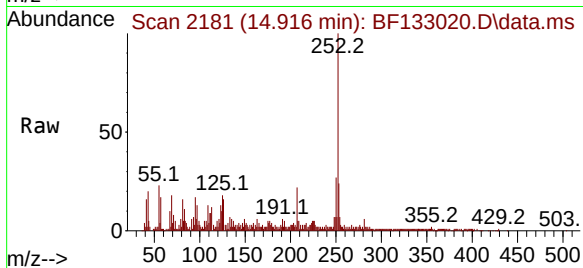
Tgt Ion:252 Resp: 73694

Ion Ratio Lower Upper

252 100

253 23.9 17.6 26.4

125 17.7 8.9 13.3#



#89

Benzo(k)fluoranthene

Concen: 3.461 ng

RT: 14.916 min Scan# 2181

Delta R.T. -0.041 min

Lab File: BF133020.D

Acq: 25 Apr 2023 03:59

Tgt Ion:252 Resp: 73694

Ion Ratio Lower Upper

252 100

253 23.9 17.7 26.5

125 17.7 9.0 13.4#

