

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132273.D
 Acq On : 01 Feb 2023 22:10
 Operator : CG\JU
 Sample : 01358-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-2-012723

Quant Time: Feb 02 00:58:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 05:24:37 2023
 Response via : Initial Calibration

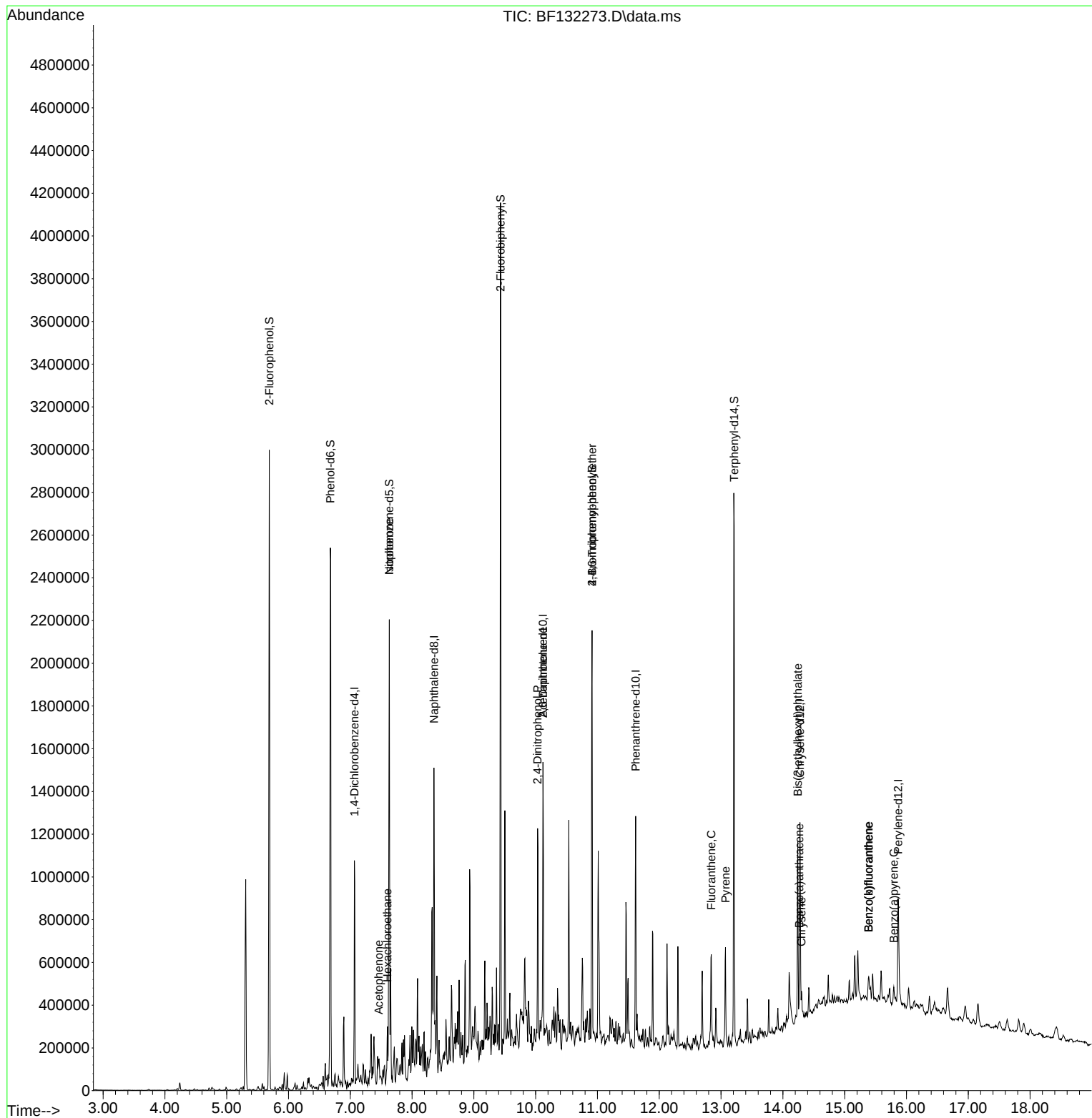
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	147859	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	537055	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	240893	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	368728	20.000	ng	0.00
76) Chrysene-d12	14.277	240	279558	20.000	ng	-0.01
86) Perylene-d12	15.865	264	229501	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	929225	101.017	ng	0.00
7) Phenol-d6	6.678	99	1125853	99.276	ng	0.00
23) Nitrobenzene-d5	7.631	82	661328	68.524	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	242658	97.954	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	1114072	71.418	ng	0.00
79) Terphenyl-d14	13.213	244	901242	62.362	ng	0.00
Target Compounds						
18) Hexachloroethane	7.601	117	12186	3.230	ng	# 1
22) Acetophenone	7.460	105	28011	2.218	ng	# 63
25) Isophorone	7.631	82	661328	36.103	ng	# 64
51) 2,6-Dinitrotoluene	10.119	165	36383	9.668	ng	# 25
54) 2,4-Dinitrophenol	10.031	184	60	4.354	ng	# 1
67) 4-Bromophenyl-phenylether	10.913	248	14337	3.797	ng	# 1
75) Fluoranthene	12.842	202	73964	3.762	ng	98
78) Pyrene	13.071	202	96998	4.314	ng	98
81) Benzo(a)anthracene	14.266	228	53516	2.737	ng	# 94
83) Chrysene	14.301	228	51975	2.839	ng	# 95
84) Bis(2-ethylhexyl)phtha...	14.242	149	253032	18.844	ng	99
88) Benzo(b)fluoranthene	15.389	252	54644	3.746	ng	# 86
89) Benzo(k)fluoranthene	15.389	252	54644	3.924	ng	# 86
90) Benzo(a)pyrene	15.795	252	43258	3.184	ng	# 91

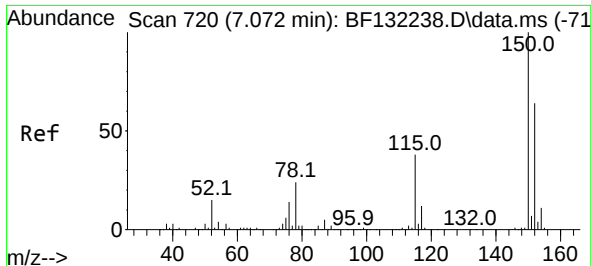
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 02 00:58:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 05:24:37 2023
Response via : Initial Calibration

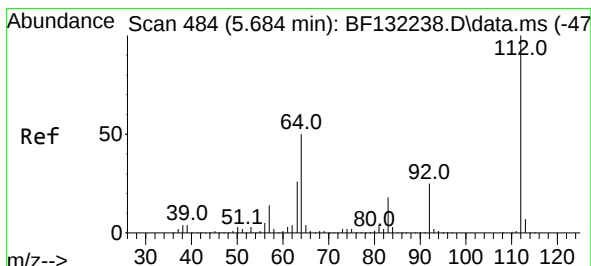
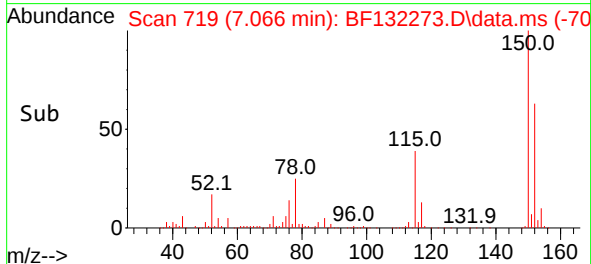
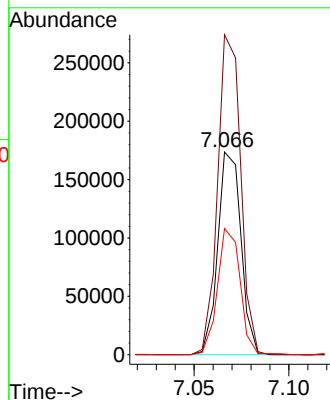
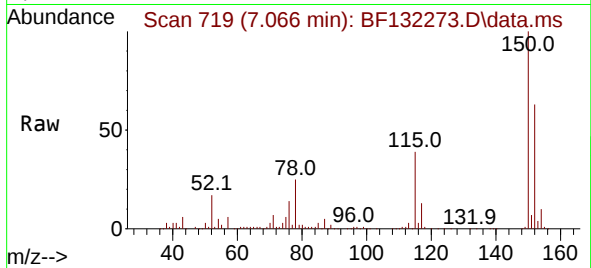




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.066 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132273.D
Acq: 01 Feb 2023 22:10

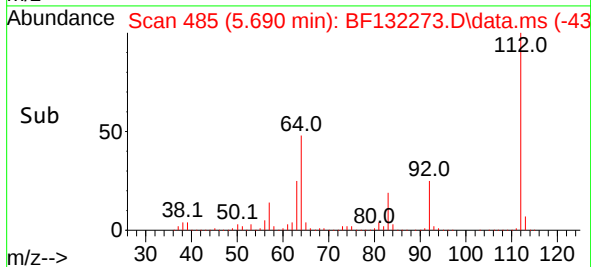
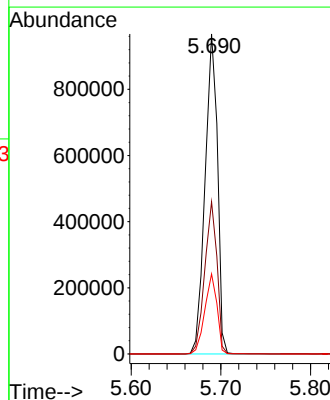
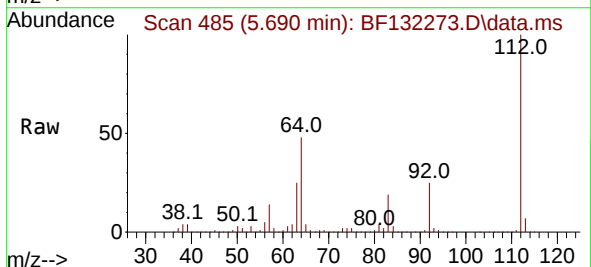
Instrument :
BNA_F
ClientSampleId :
JC-2-012723

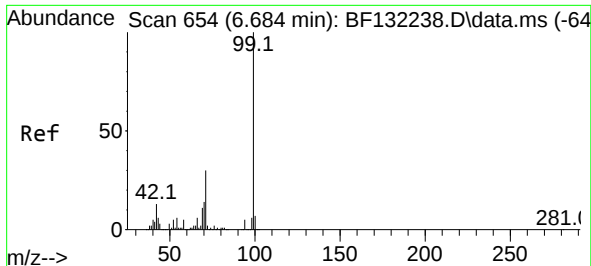
Tgt Ion:152 Resp: 147859
Ion Ratio Lower Upper
152 100
150 157.8 124.2 186.2
115 62.2 47.3 70.9



#5
2-Fluorophenol
Concen: 101.017 ng
RT: 5.690 min Scan# 485
Delta R.T. 0.006 min
Lab File: BF132273.D
Acq: 01 Feb 2023 22:10

Tgt Ion:112 Resp: 929225
Ion Ratio Lower Upper
112 100
64 47.6 40.0 60.0
63 25.0 20.5 30.7

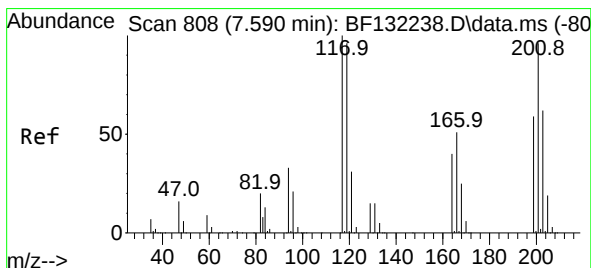
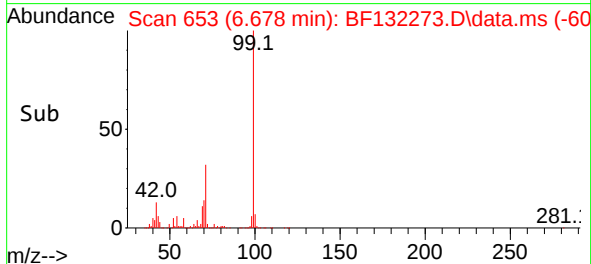
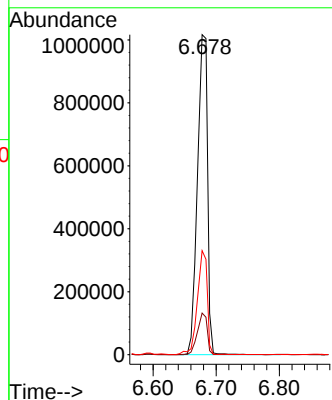
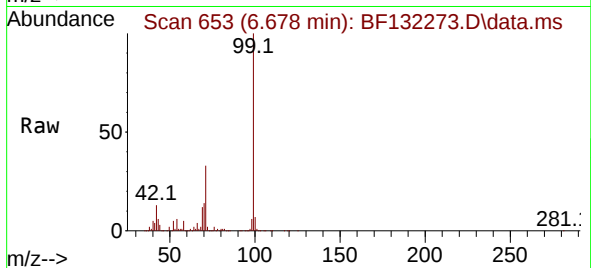




#7
Phenol-d6
Concen: 99.276 ng
RT: 6.678 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132273.D
Acq: 01 Feb 2023 22:10

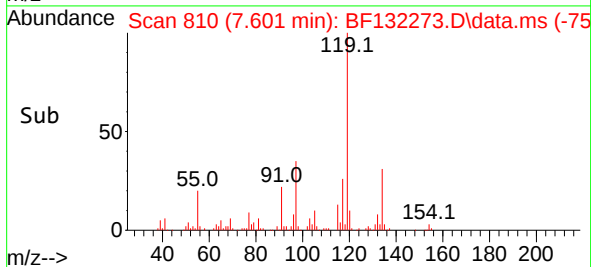
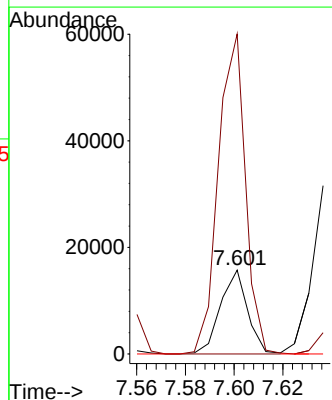
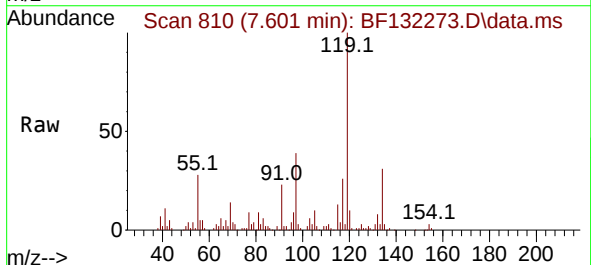
Instrument :
BNA_F
ClientSampleId :
JC-2-012723

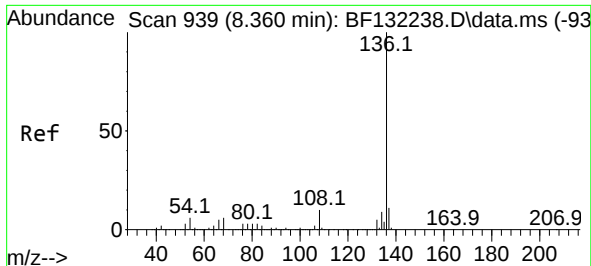
Tgt Ion: 99 Resp: 1125853
Ion Ratio Lower Upper
99 100
42 13.0 10.1 15.1
71 32.5 24.2 36.4



#18
Hexachloroethane
Concen: 3.230 ng
RT: 7.601 min Scan# 810
Delta R.T. 0.012 min
Lab File: BF132273.D
Acq: 01 Feb 2023 22:10

Tgt Ion: 117 Resp: 12186
Ion Ratio Lower Upper
117 100
119 381.8 76.7 115.1#
201 0.0 76.6 114.8#



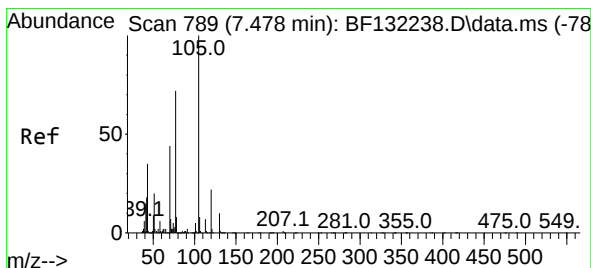
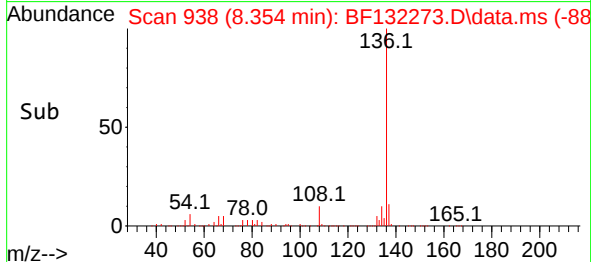
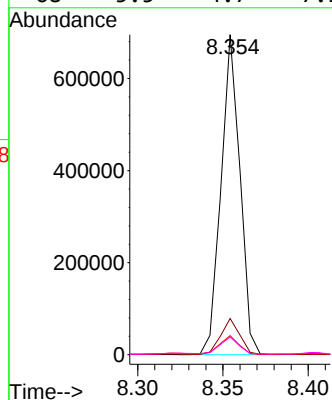
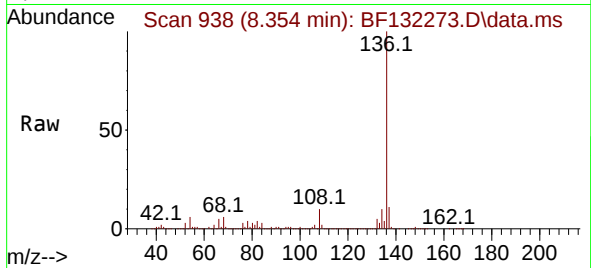


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132273.D
Acq: 01 Feb 2023 22:10

Instrument :
BNA_F
ClientSampleId :
JC-2-012723

Tgt Ion:136 Resp: 537055

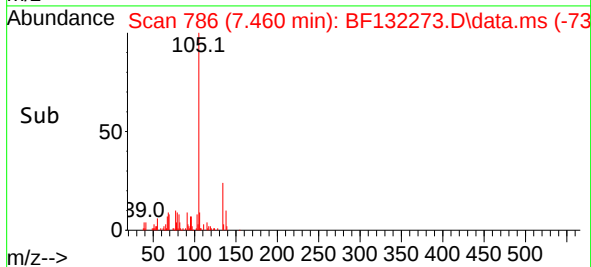
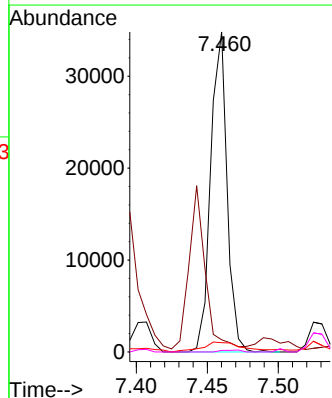
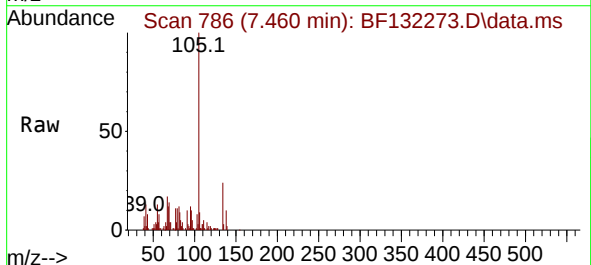
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	6.0	4.9	7.3
68	5.5	4.7	7.1

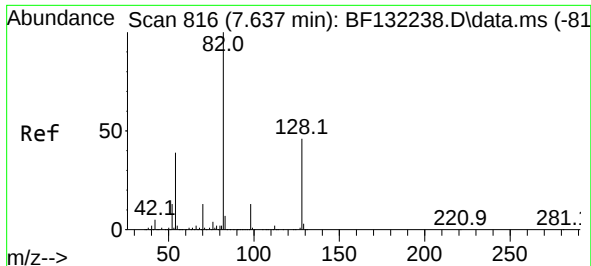


#22
Acetophenone
Concen: 2.218 ng
RT: 7.460 min Scan# 786
Delta R.T. -0.018 min
Lab File: BF132273.D
Acq: 01 Feb 2023 22:10

Tgt Ion:105 Resp: 28011

Ion	Ratio	Lower	Upper
105	100		
71	3.8	5.8	8.6#
51	2.9	16.2	24.2#
120	0.5	18.0	27.0#

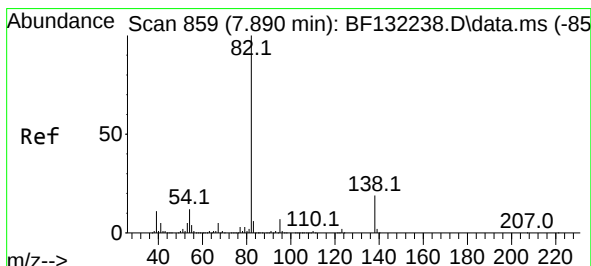
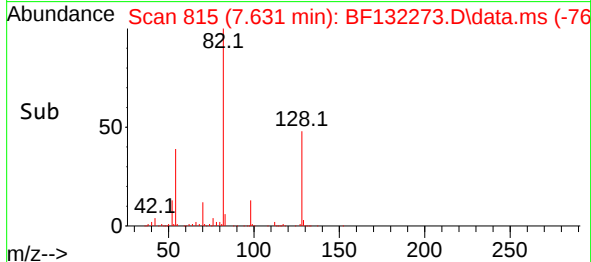
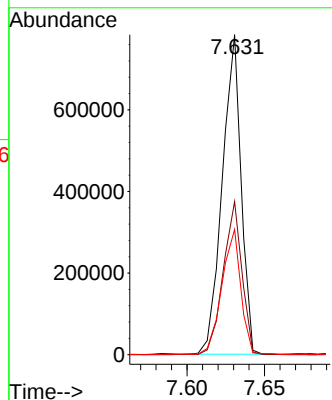
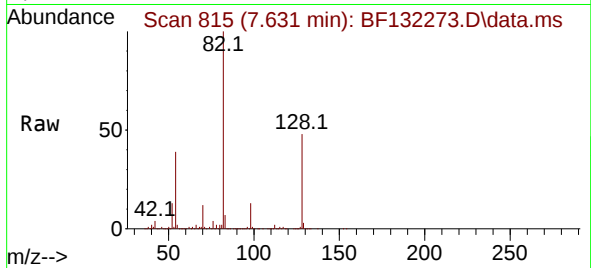




#23
Nitrobenzene-d5
Concen: 68.524 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132273.D
Acq: 01 Feb 2023 22:10

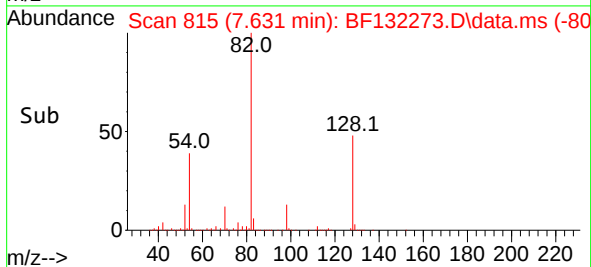
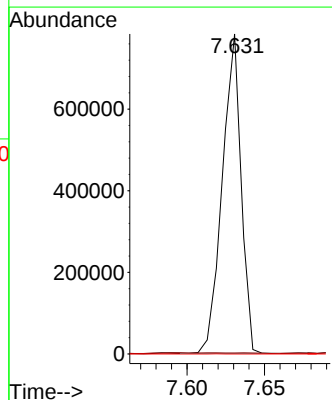
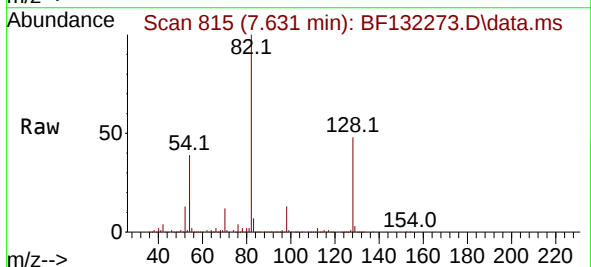
Instrument :
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ClientSampleId :
JC-2-012723

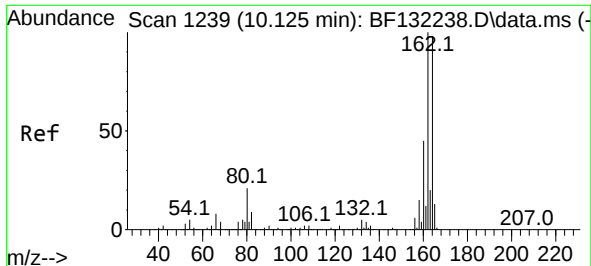
Tgt Ion: 82 Resp: 661328
Ion Ratio Lower Upper
82 100
128 47.9 37.0 55.4
54 39.2 31.5 47.3



#25
Isophorone
Concen: 36.103 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.259 min
Lab File: BF132273.D
Acq: 01 Feb 2023 22:10

Tgt Ion: 82 Resp: 661328
Ion Ratio Lower Upper
82 100
95 0.3 5.6 8.4#
138 0.0 15.0 22.6#

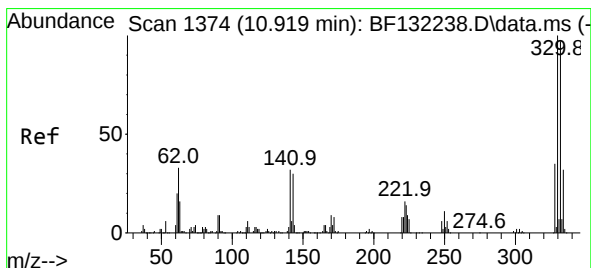
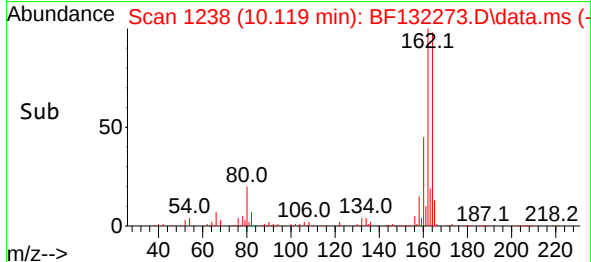
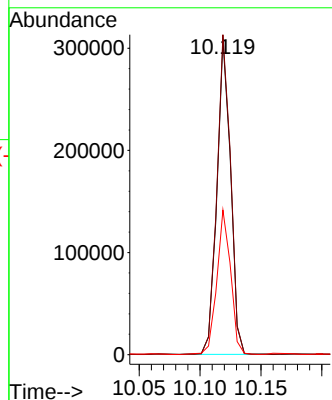
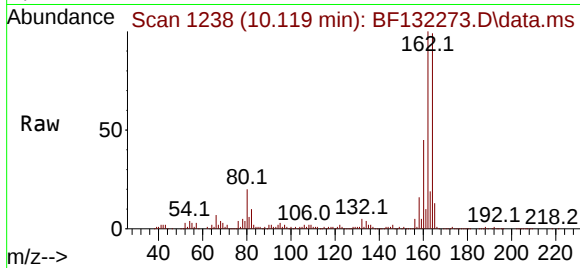




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF132273.D
Acq: 01 Feb 2023 22:10

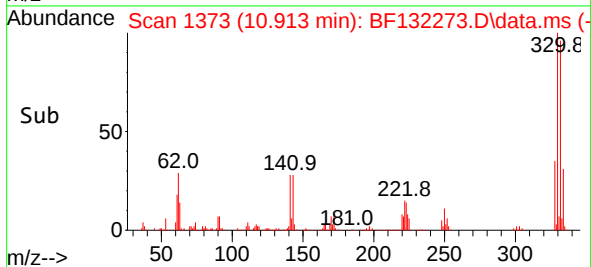
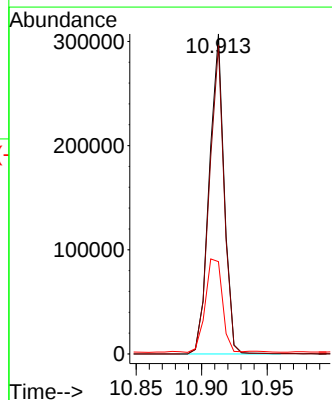
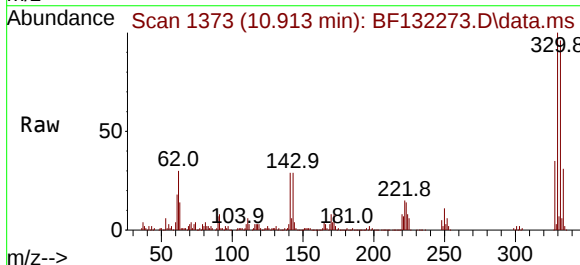
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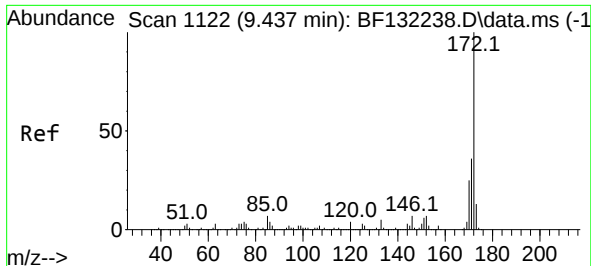
Tgt Ion:164 Resp: 240893
Ion Ratio Lower Upper
164 100
162 101.5 82.0 123.0
160 45.9 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 97.954 ng
RT: 10.913 min Scan# 1373
Delta R.T. -0.006 min
Lab File: BF132273.D
Acq: 01 Feb 2023 22:10

Tgt Ion:330 Resp: 242658
Ion Ratio Lower Upper
330 100
332 96.2 77.9 116.9
141 33.9 31.0 46.4

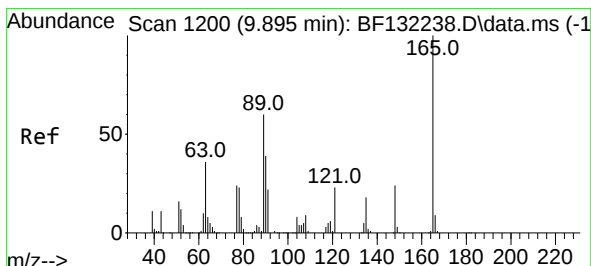
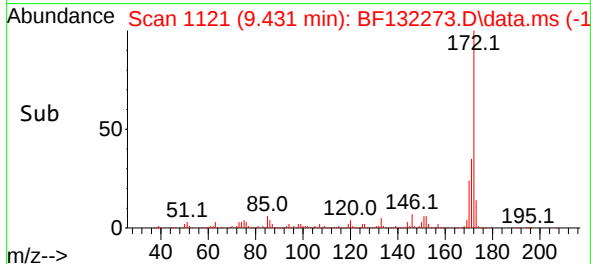
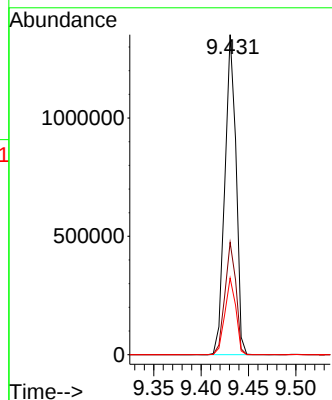
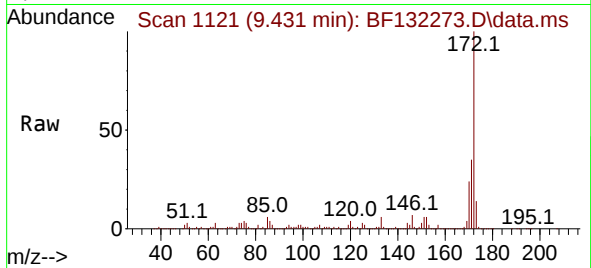




#45
2-Fluorobiphenyl
Concen: 71.418 ng
RT: 9.431 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132273.D
Acq: 01 Feb 2023 22:10

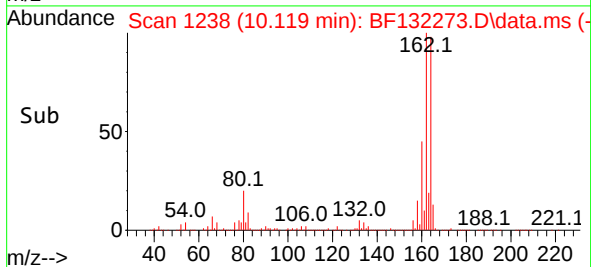
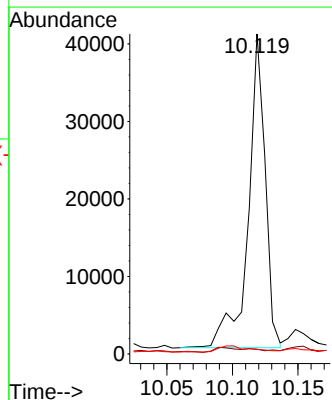
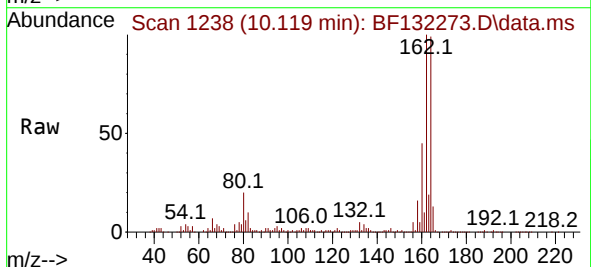
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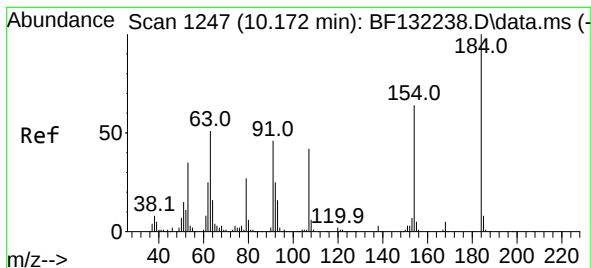
Tgt Ion:172 Resp: 1114072
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 24.0 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 9.668 ng
RT: 10.119 min Scan# 1238
Delta R.T. 0.224 min
Lab File: BF132273.D
Acq: 01 Feb 2023 22:10

Tgt Ion:165 Resp: 36383
Ion Ratio Lower Upper
165 100
63 1.5 41.5 62.3#
89 1.4 48.1 72.1#

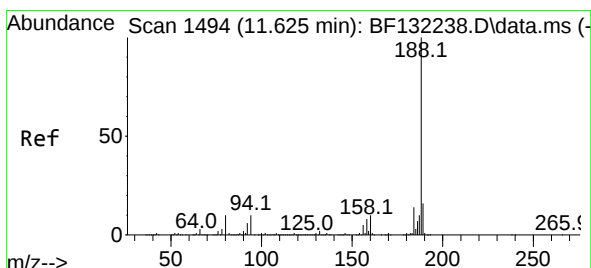
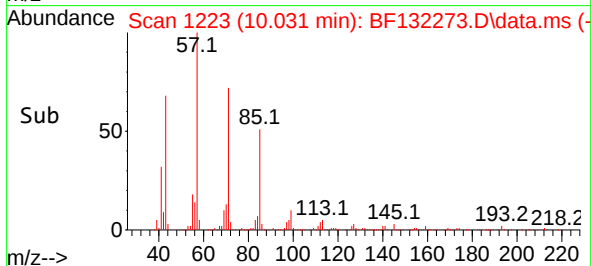
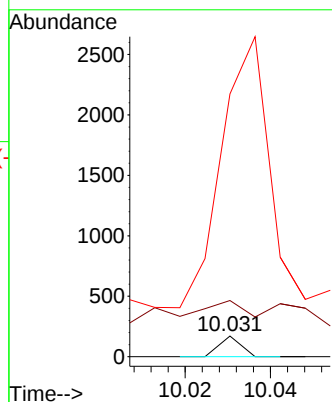
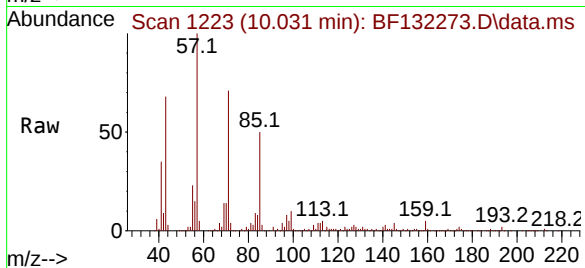




#54
2,4-Dinitrophenol
Concen: 4.354 ng
RT: 10.031 min Scan# 11
Delta R.T. -0.142 min
Lab File: BF132273.D
Acq: 01 Feb 2023 22:10

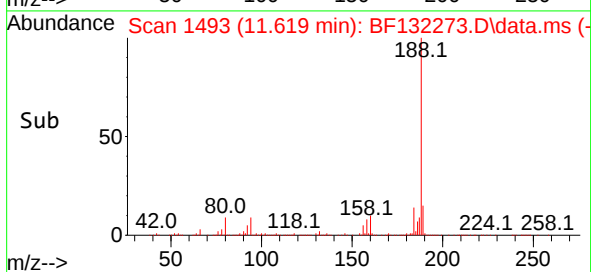
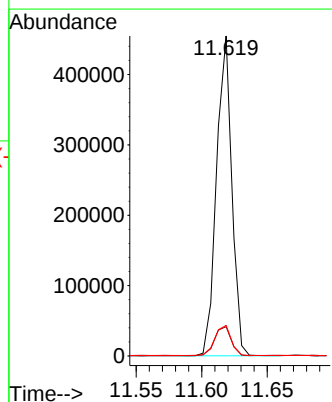
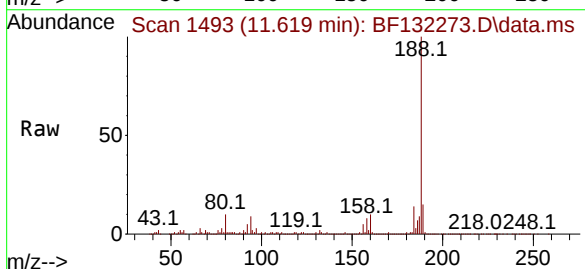
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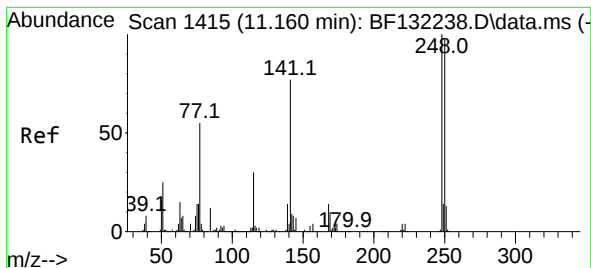
Tgt Ion:184 Resp: 60
Ion Ratio Lower Upper
184 100
63 271.9 41.6 62.4#
154 1270.8 57.0 85.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.619 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF132273.D
Acq: 01 Feb 2023 22:10

Tgt Ion:188 Resp: 368728
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 9.6 8.3 12.5

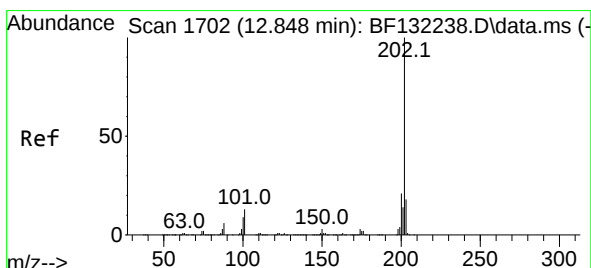
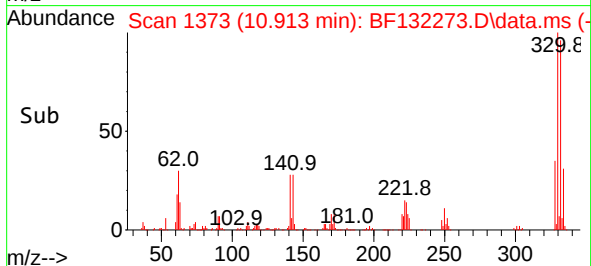
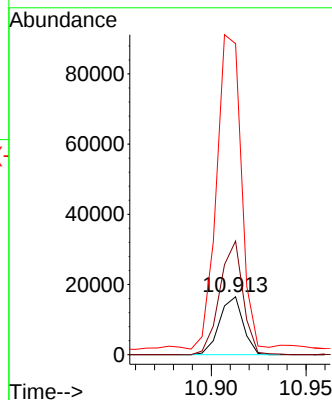
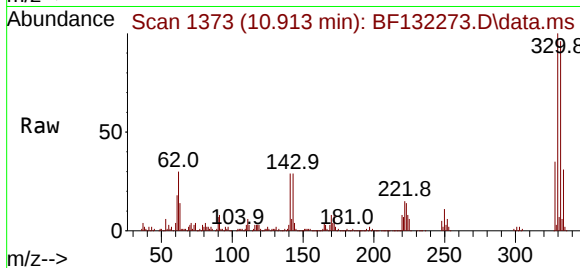




#67
4-Bromophenyl-phenylether
Concen: 3.797 ng
RT: 10.913 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF132273.D
Acq: 01 Feb 2023 22:10

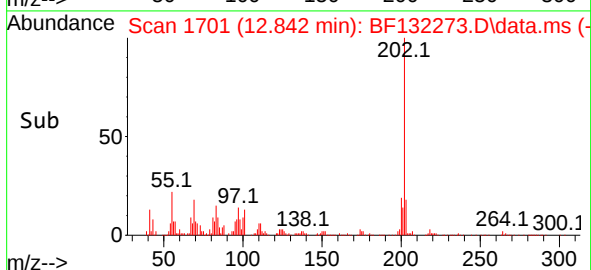
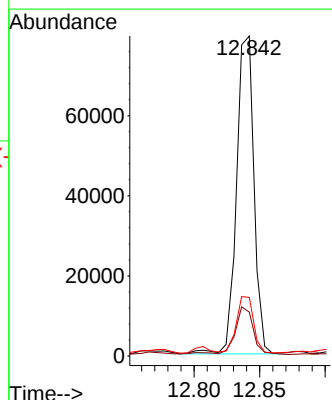
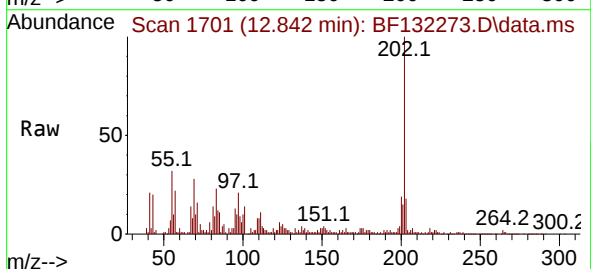
Instrument :
BNA_F
ClientSampleId :
JC-2-012723

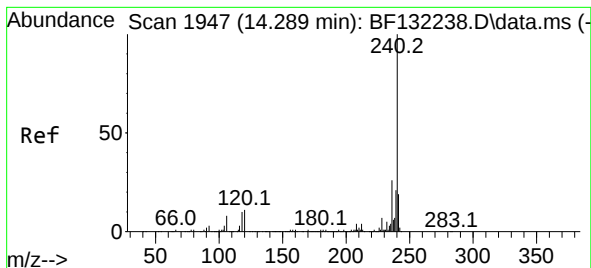
Tgt Ion:248 Resp: 14337
Ion Ratio Lower Upper
248 100
250 196.2 78.6 117.8#
141 537.2 61.6 92.4#



#75
Fluoranthene
Concen: 3.762 ng
RT: 12.842 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BF132273.D
Acq: 01 Feb 2023 22:10

Tgt Ion:202 Resp: 73964
Ion Ratio Lower Upper
202 100
101 13.7 0.0 32.7
203 18.3 0.0 37.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.277 min Scan# 1945

Delta R.T. -0.012 min

Lab File: BF132273.D

Acq: 01 Feb 2023 22:10

Instrument :

BNA_F

ClientSampleId :

JC-2-012723

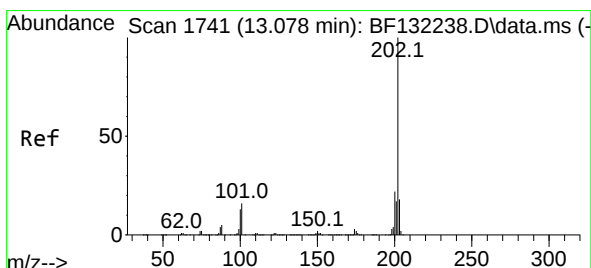
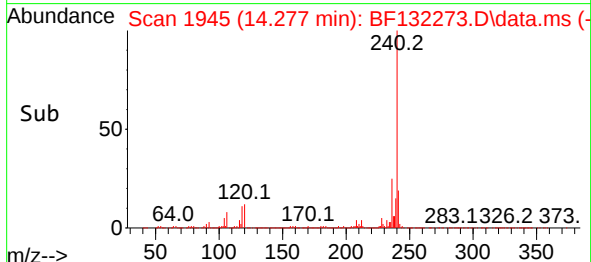
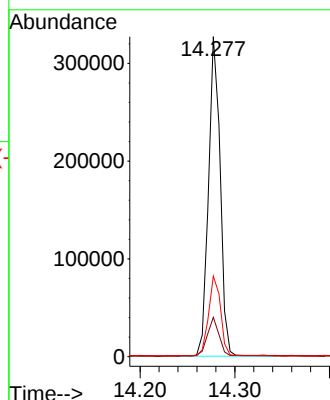
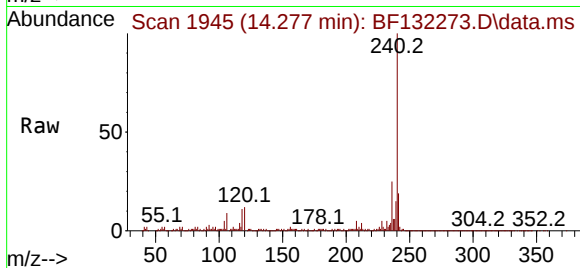
Tgt Ion:240 Resp: 279558

Ion Ratio Lower Upper

240 100

120 12.3 8.8 13.2

236 25.2 21.0 31.6



#78

Pyrene

Concen: 4.314 ng

RT: 13.071 min Scan# 1740

Delta R.T. -0.006 min

Lab File: BF132273.D

Acq: 01 Feb 2023 22:10

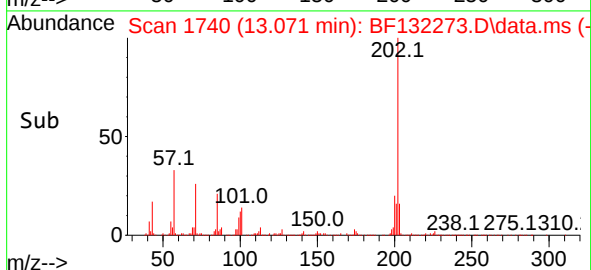
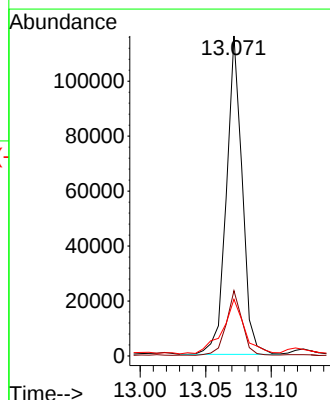
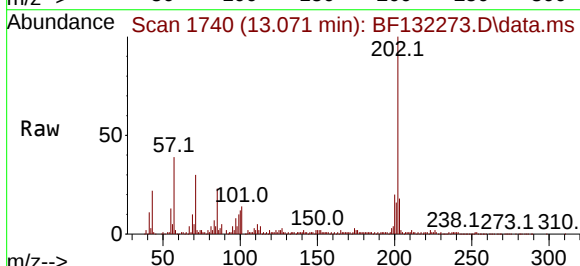
Tgt Ion:202 Resp: 96998

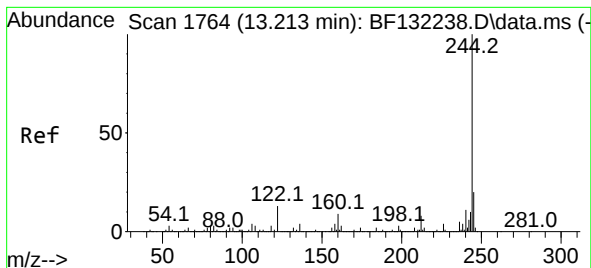
Ion Ratio Lower Upper

202 100

200 20.4 17.3 25.9

203 17.7 14.4 21.6





#79

Terphenyl-d14

Concen: 62.362 ng

RT: 13.213 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132273.D

Acq: 01 Feb 2023 22:10

Instrument :

BNA_F

ClientSampleId :

JC-2-012723

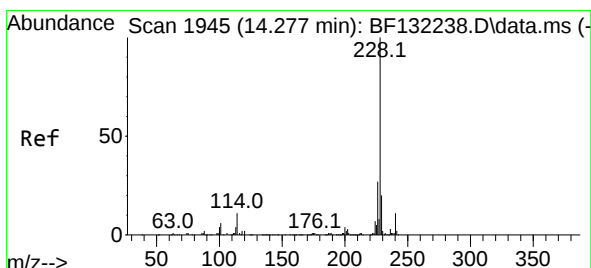
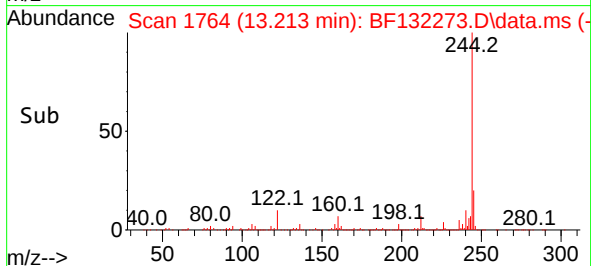
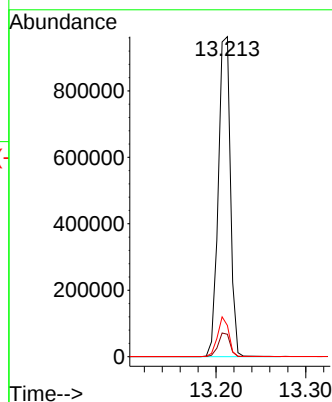
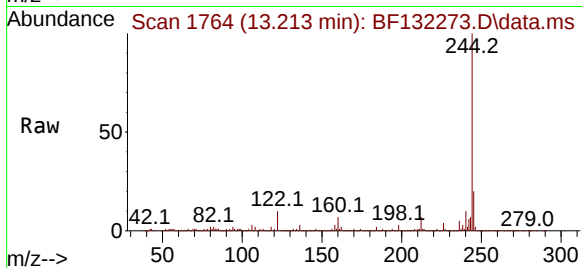
Tgt Ion:244 Resp: 901242

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

122 9.7 10.5 15.7#



#81

Benzo(a)anthracene

Concen: 2.737 ng

RT: 14.266 min Scan# 1943

Delta R.T. -0.012 min

Lab File: BF132273.D

Acq: 01 Feb 2023 22:10

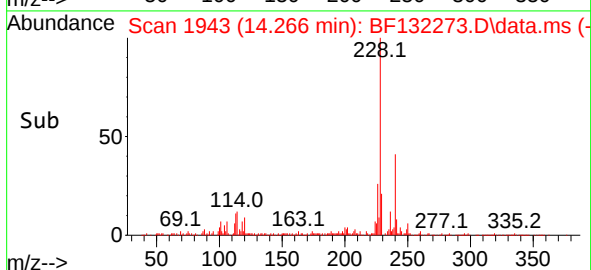
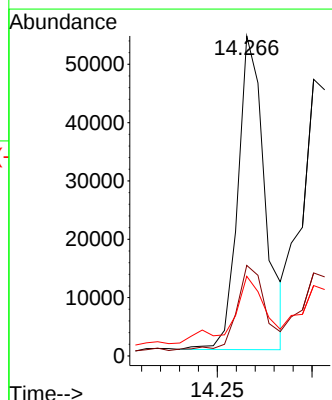
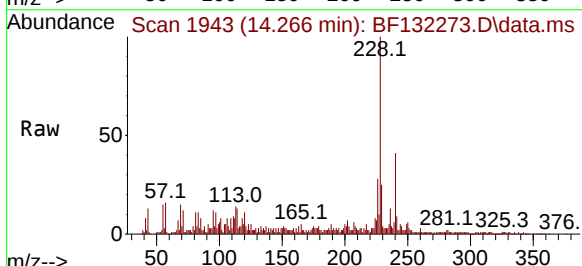
Tgt Ion:228 Resp: 53516

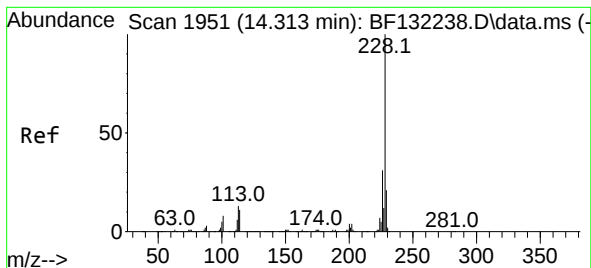
Ion Ratio Lower Upper

228 100

226 28.3 22.0 33.0

229 24.9 15.8 23.6#





#83

Chrysene

Concen: 2.839 ng

RT: 14.301 min Scan# 1949

Delta R.T. -0.012 min

Lab File: BF132273.D

Acq: 01 Feb 2023 22:10

Instrument :

BNA_F

ClientSampleId :

JC-2-012723

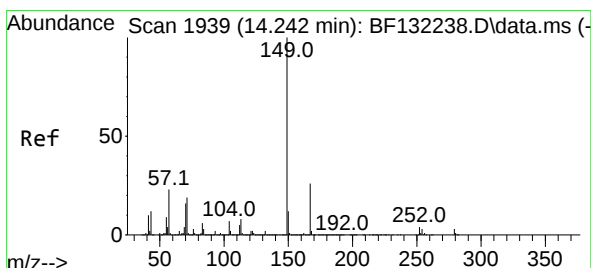
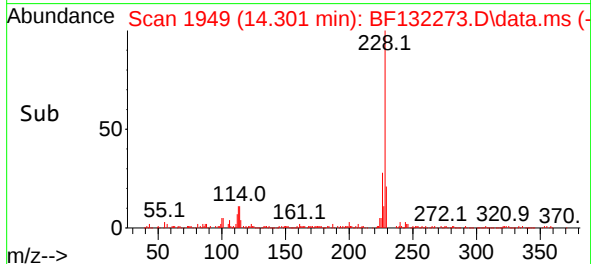
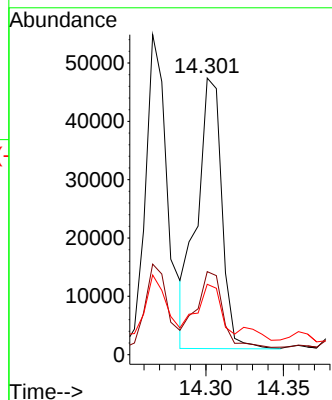
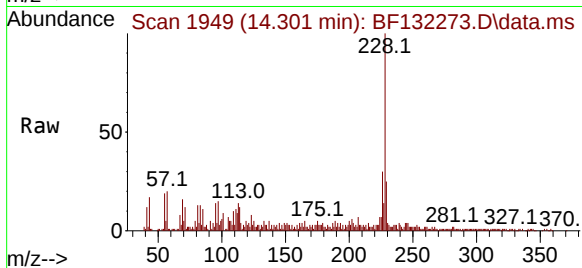
Tgt Ion:228 Resp: 51975

Ion Ratio Lower Upper

228 100

226 30.0 24.9 37.3

229 25.5 16.4 24.6#



#84

Bis(2-ethylhexyl)phthalate

Concen: 18.844 ng

RT: 14.242 min Scan# 1939

Delta R.T. -0.000 min

Lab File: BF132273.D

Acq: 01 Feb 2023 22:10

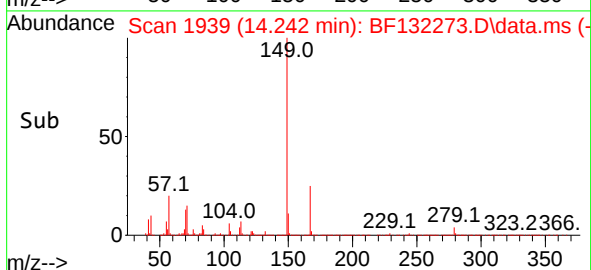
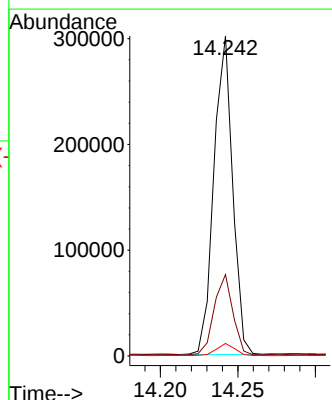
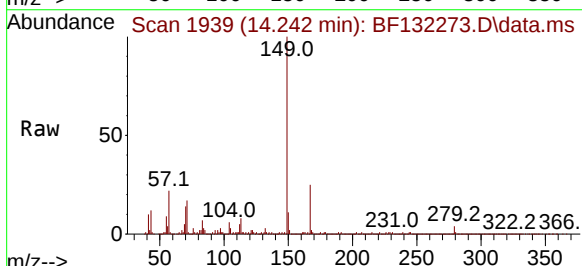
Tgt Ion:149 Resp: 253032

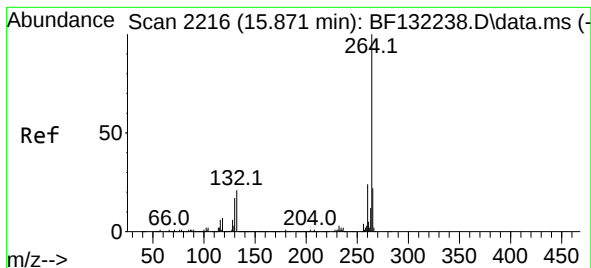
Ion Ratio Lower Upper

149 100

167 25.5 20.7 31.1

279 3.9 2.7 4.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.865 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BF132273.D

Acq: 01 Feb 2023 22:10

Instrument :

BNA_F

ClientSampleId :

JC-2-012723

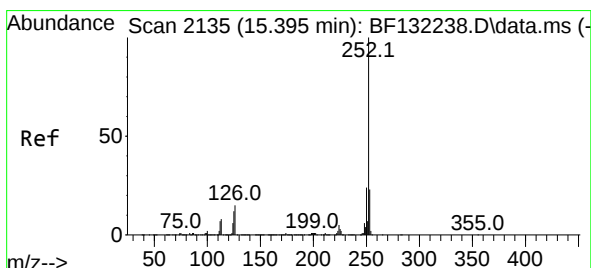
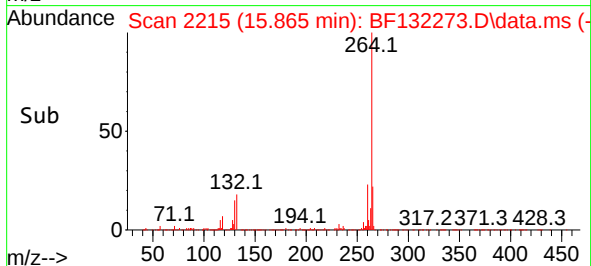
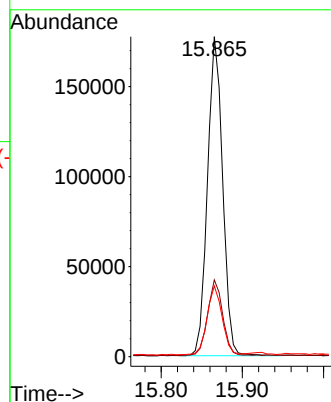
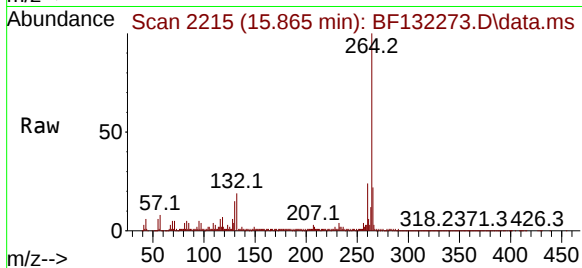
Tgt Ion:264 Resp: 229501

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 22.1 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 3.746 ng

RT: 15.389 min Scan# 2134

Delta R.T. -0.006 min

Lab File: BF132273.D

Acq: 01 Feb 2023 22:10

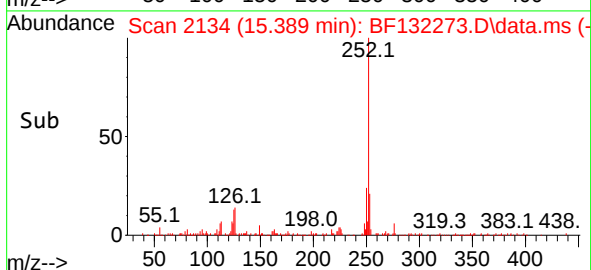
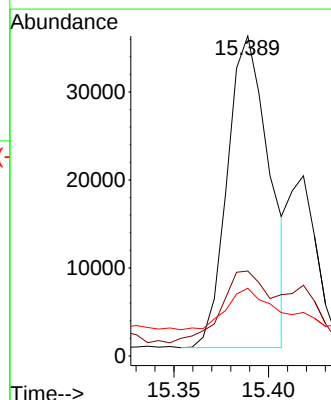
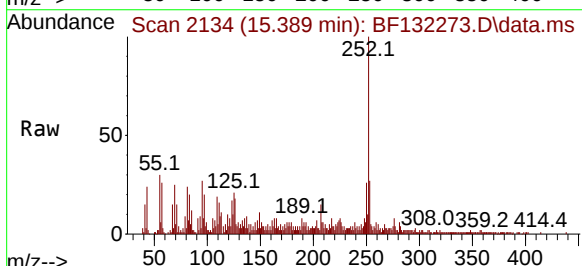
Tgt Ion:252 Resp: 54644

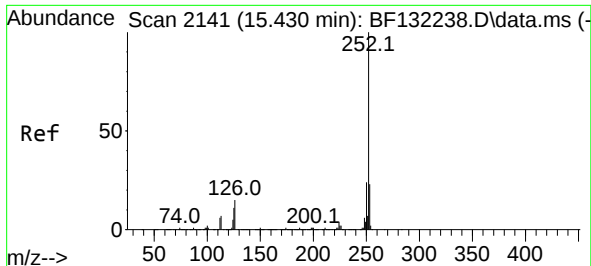
Ion Ratio Lower Upper

252 100

253 26.5 18.1 27.1

125 21.2 9.6 14.4#





#89

Benzo(k)fluoranthene

Concen: 3.924 ng

RT: 15.389 min Scan# 2141

Delta R.T. -0.041 min

Lab File: BF132273.D

Acq: 01 Feb 2023 22:10

Instrument :

BNA_F

ClientSampleId :

JC-2-012723

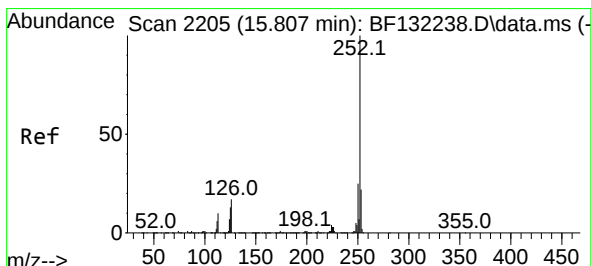
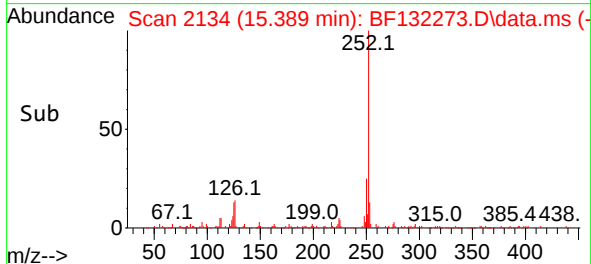
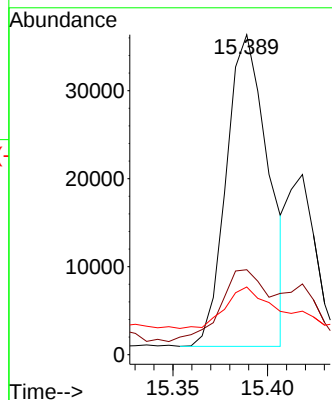
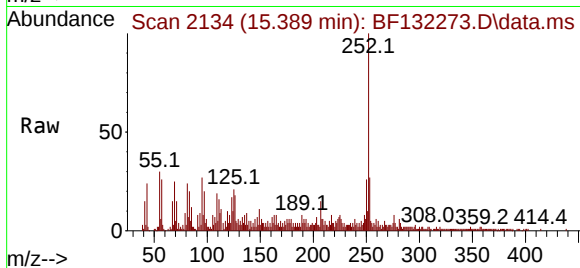
Tgt Ion:252 Resp: 54644

Ion Ratio Lower Upper

252 100

253 26.5 18.2 27.2

125 21.2 9.0 13.6#



#90

Benzo(a)pyrene

Concen: 3.184 ng

RT: 15.795 min Scan# 2203

Delta R.T. -0.012 min

Lab File: BF132273.D

Acq: 01 Feb 2023 22:10

Tgt Ion:252 Resp: 43258

Ion Ratio Lower Upper

252 100

253 24.8 17.8 26.8

125 18.9 10.2 15.4#

