

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)

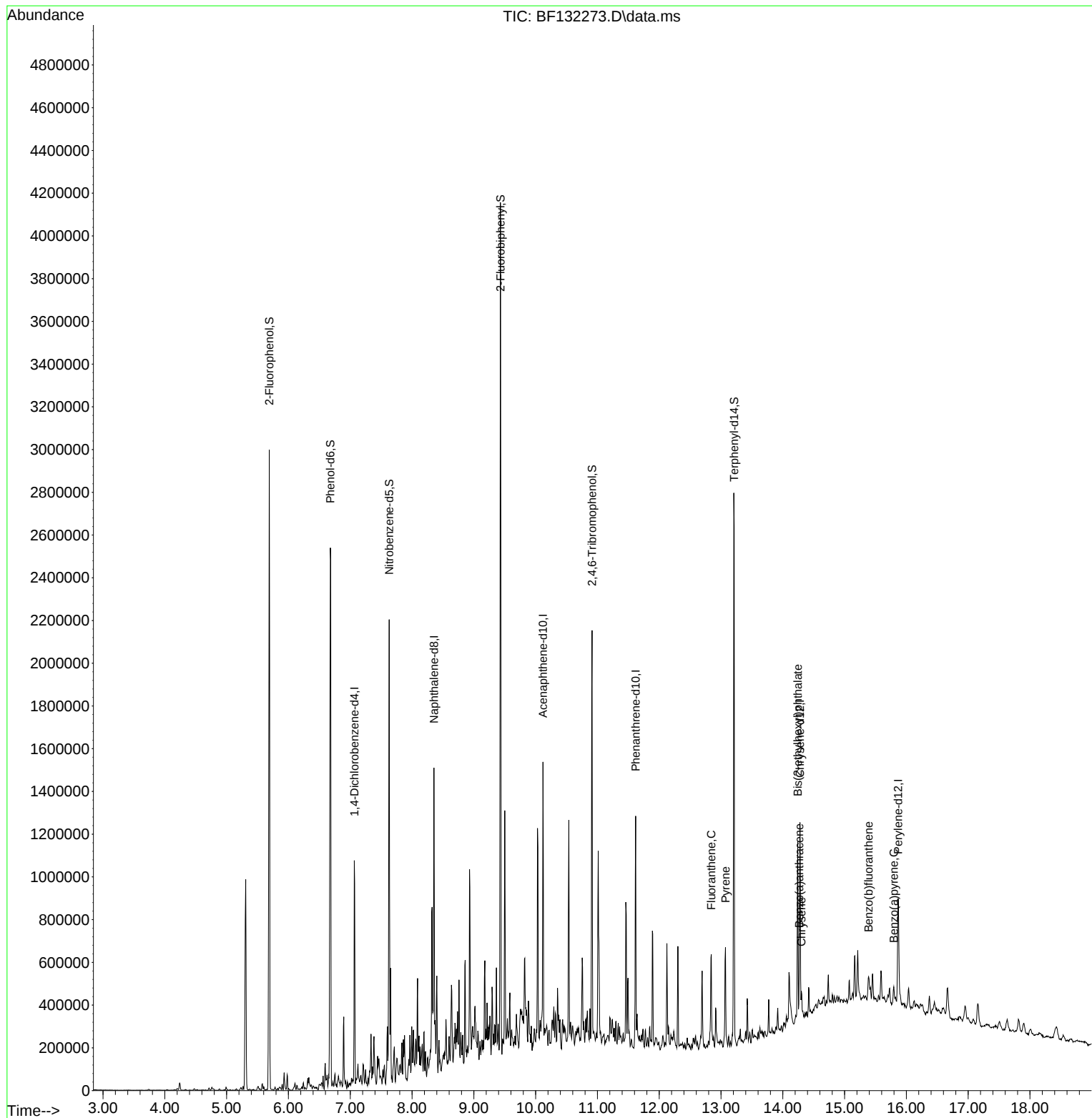
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	147859	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	537055	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	240893	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	368728	20.000	ng	0.00
76) Chrysene-d12	14.277	240	279558	20.000	ng	-0.01
86) Perylene-d12	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						
						Qvalue
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
90) Benzo(a)pyrene	15.795	252	43258	3.184	ng	# 91

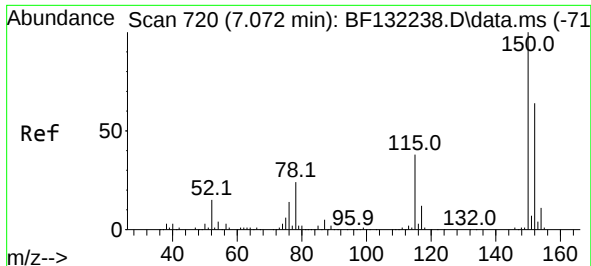
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
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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

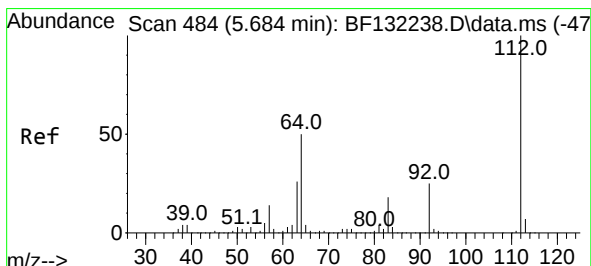
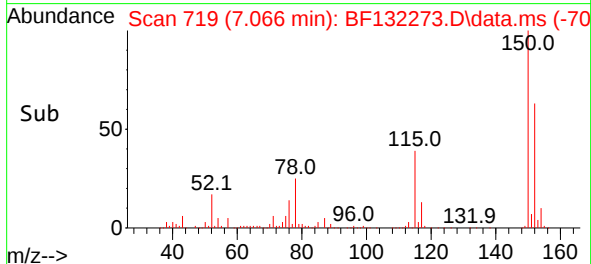
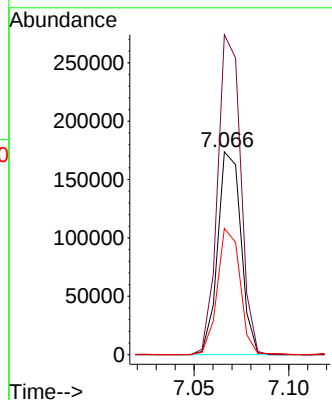
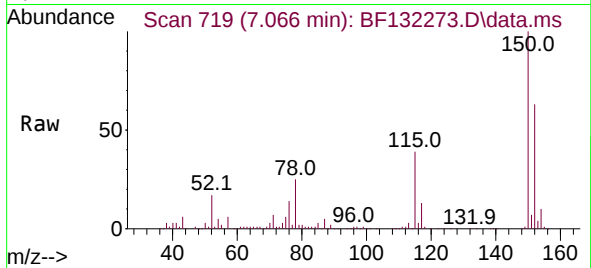




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.066 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132273.D
Acq: 01 Feb 2023 22:10

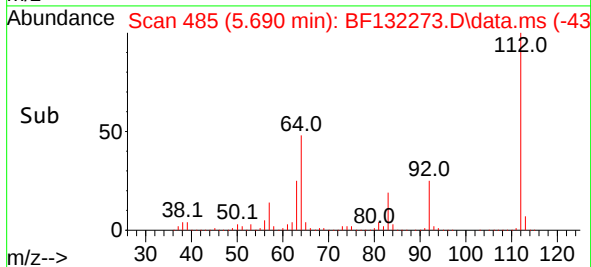
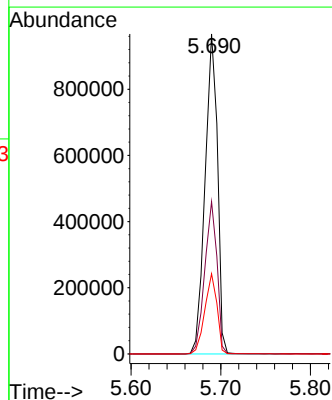
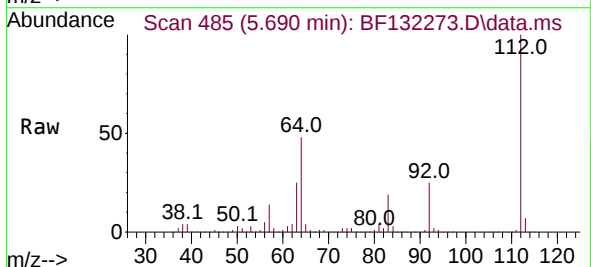
Instrument :
BNA_F
ClientSampleId :
JC-2-012723

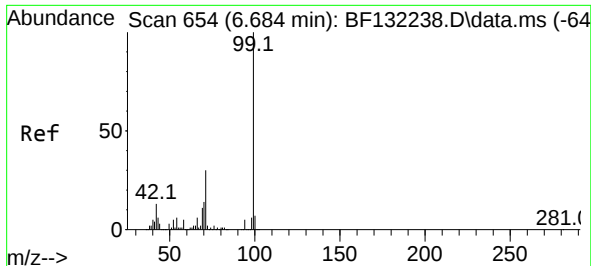
Tgt Ion:152 Resp: 147859
Ion Ratio Lower Upper
152 100
150 157.8 124.2 186.2
115 62.2 47.3 70.9



#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

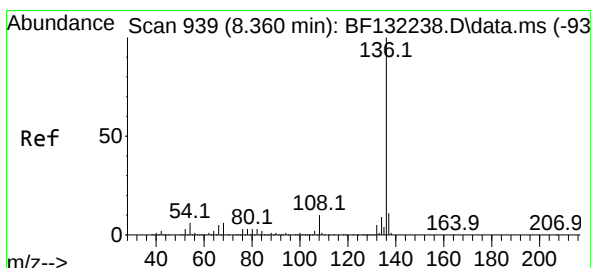
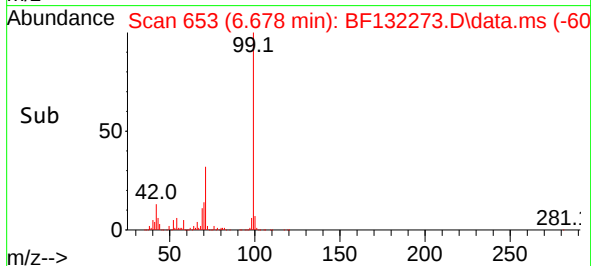
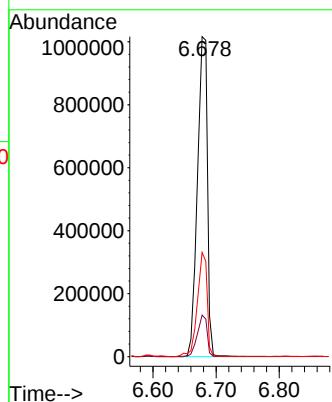
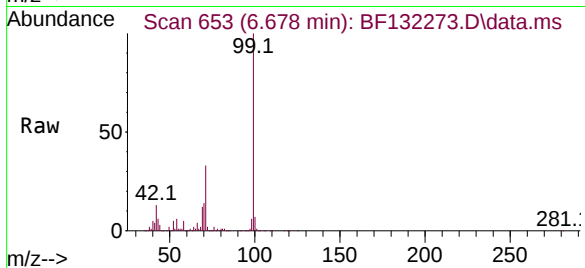
Tgt Ion: 99 Resp: 1125853

Ion Ratio Lower Upper

99 100

42 13.0 10.1 15.1

71 32.5 24.2 36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.354 min Scan# 938

Delta R.T. -0.006 min

Lab File: BF132273.D

Acq: 01 Feb 2023 22:10

Tgt Ion: 136 Resp: 537055

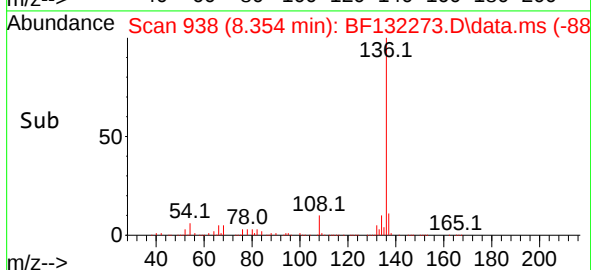
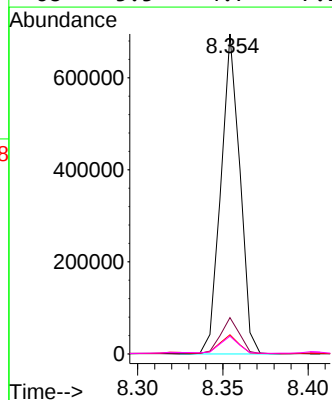
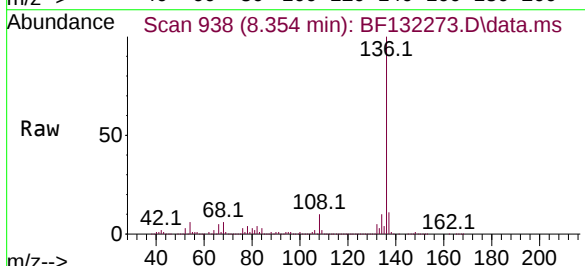
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 6.0 4.9 7.3

68 5.5 4.7 7.1

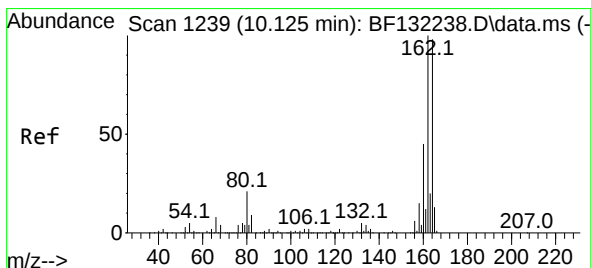
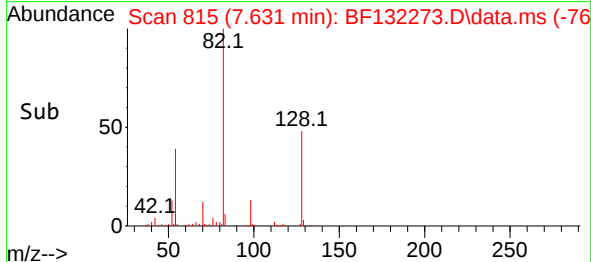
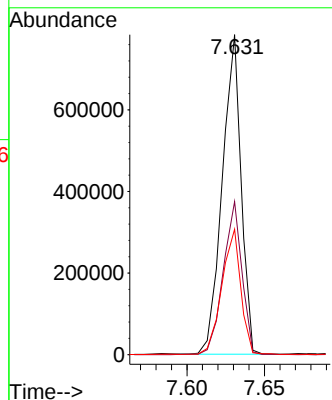
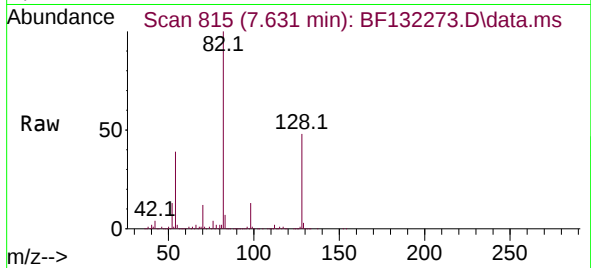




#23
Nitrobenzene-d5
Concen: 68.524 ng
RT: 7.631 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF132273.D
Acq: 01 Feb 2023 22:10

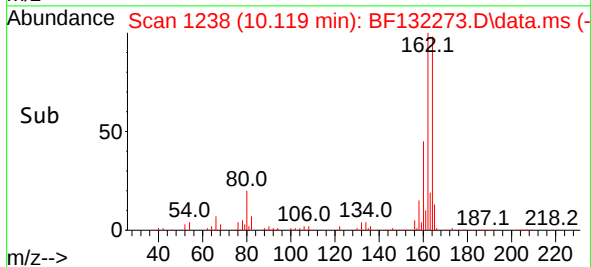
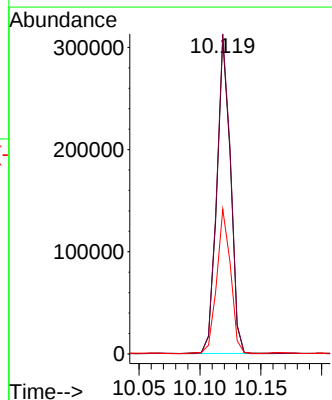
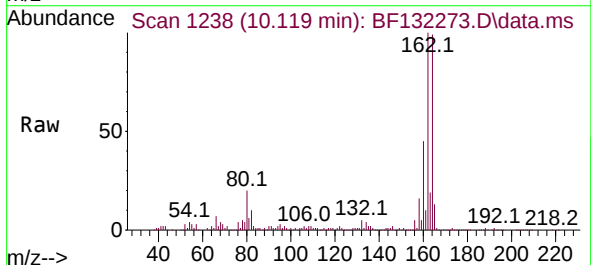
Instrument :
BNA_F
ClientSampleId :
JC-2-012723

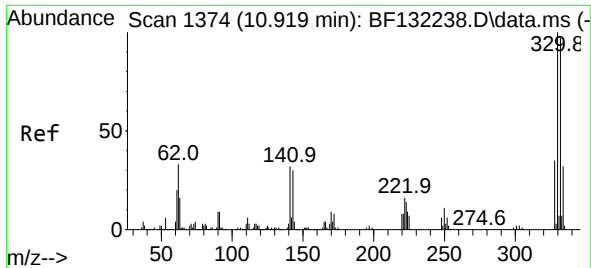
Tgt Ion: 82 Resp: 661328
Ion Ratio Lower Upper
82 100
128 47.9 37.0 55.4
54 39.2 31.5 47.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132273.D
Acq: 01 Feb 2023 22:10

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

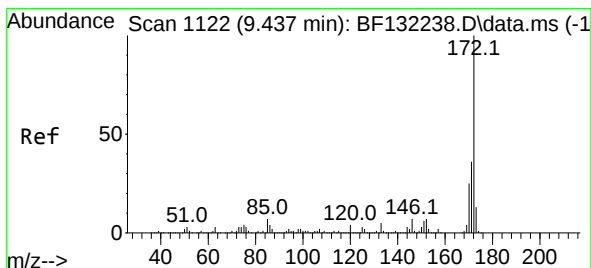
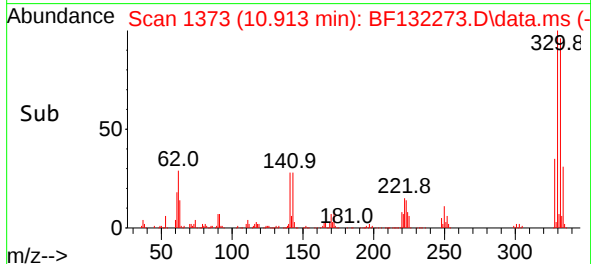
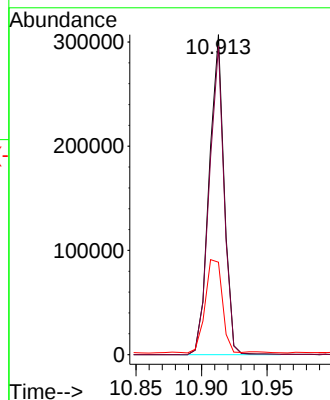
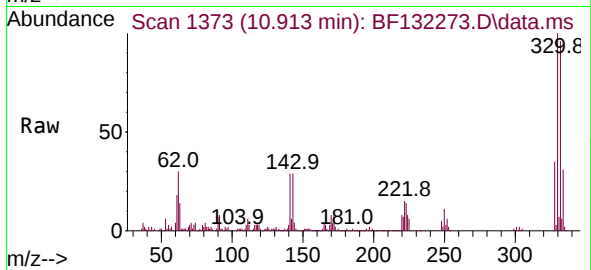




#42
 2,4,6-Tribromophenol
 Concen: 97.954 ng
 RT: 10.913 min Scan# 111
 Delta R.T. -0.006 min
 Lab File: BF132273.D
 Acq: 01 Feb 2023 22:10

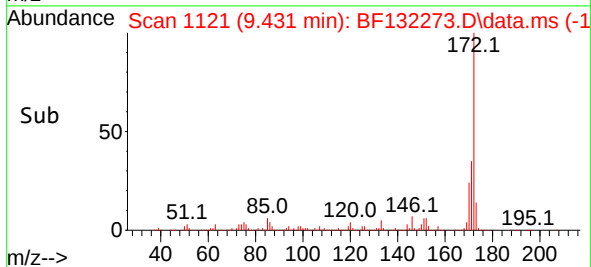
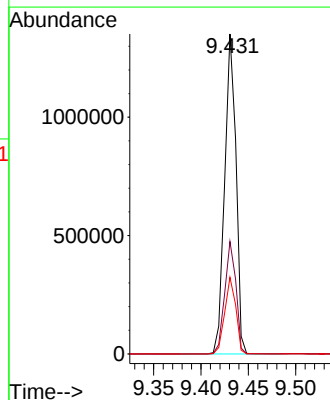
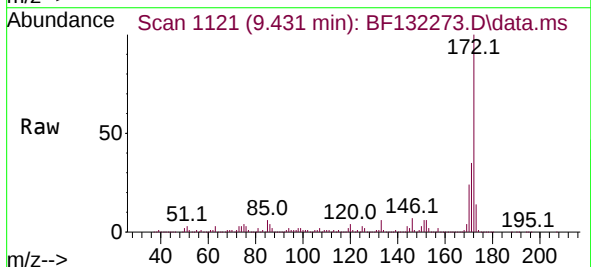
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 ClientSampleId :
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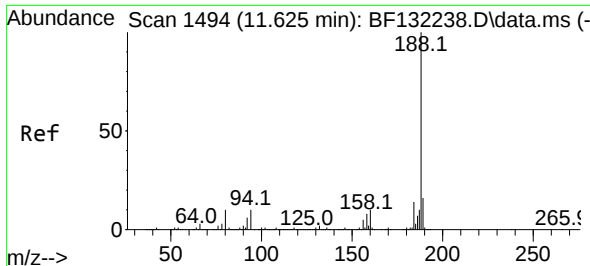
Tgt Ion: 330 Resp: 242658
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.9 116.9
 141 33.9 31.0 46.4



#45
 2-Fluorobiphenyl
 Concen: 71.418 ng
 RT: 9.431 min Scan# 1121
 Delta R.T. -0.006 min
 Lab File: BF132273.D
 Acq: 01 Feb 2023 22:10

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

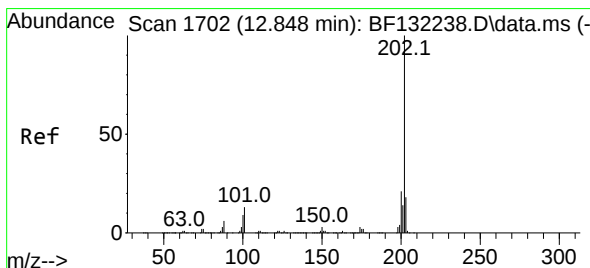
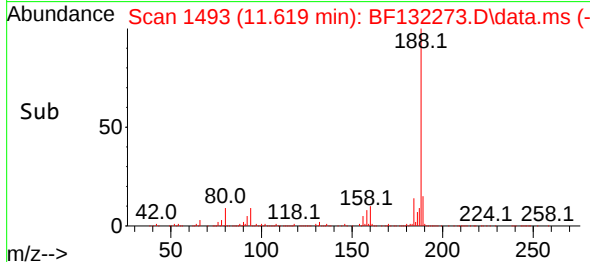
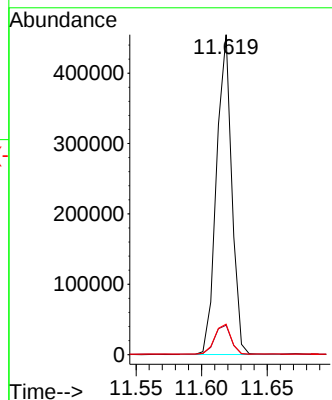
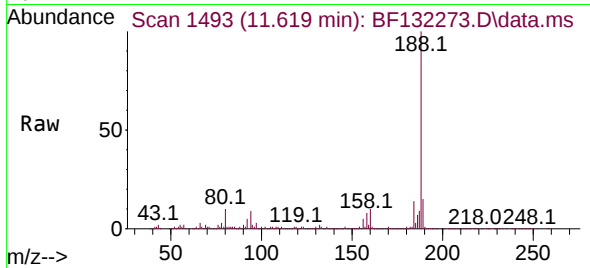




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.619 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF132273.D
Acq: 01 Feb 2023 22:10

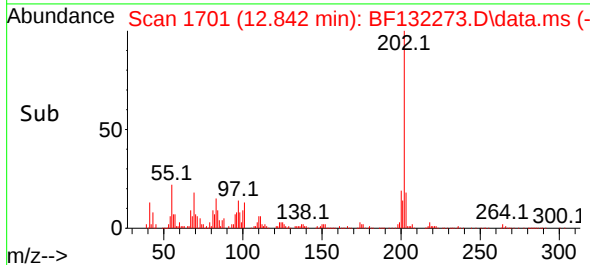
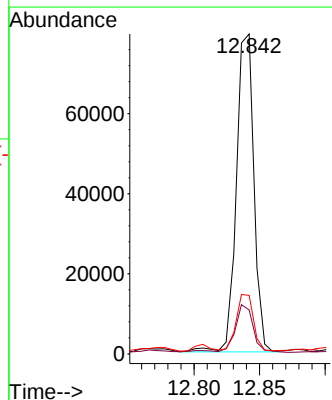
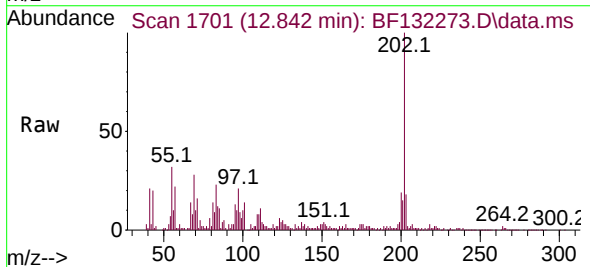
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ClientSampleId :
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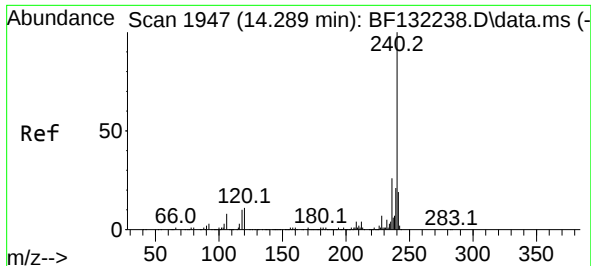
Tgt Ion:188 Resp: 368728
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 9.6 8.3 12.5



#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

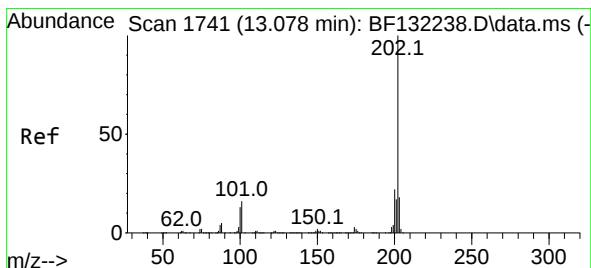
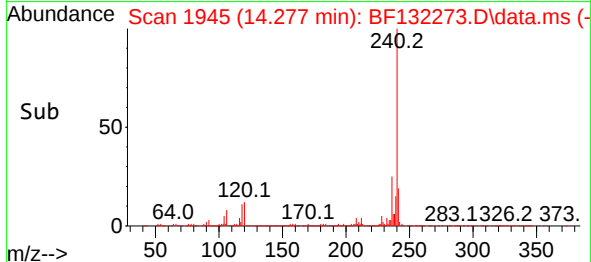
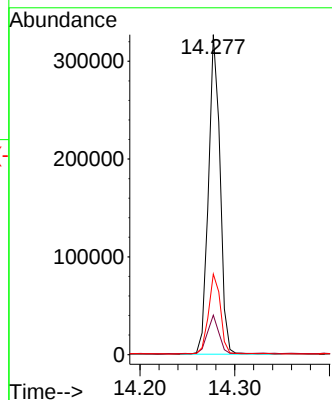
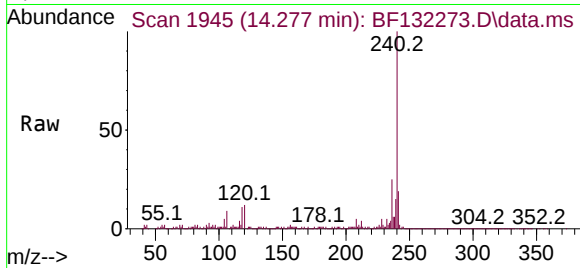




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132273.D
Acq: 01 Feb 2023 22:10

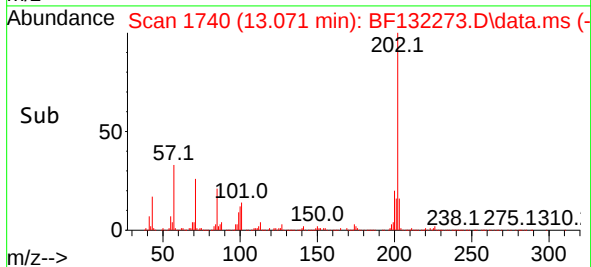
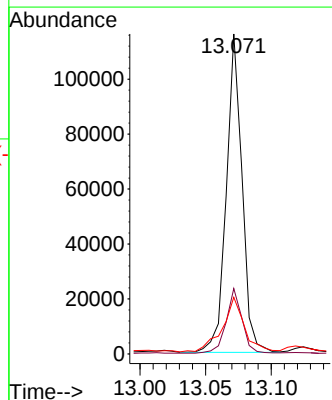
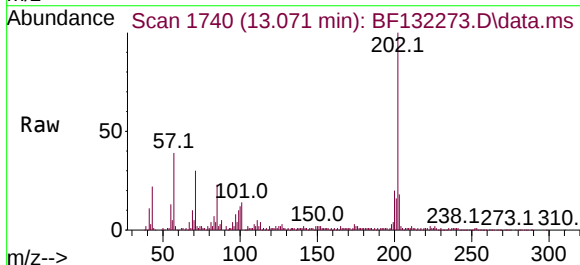
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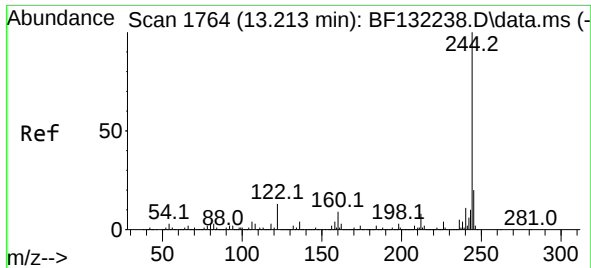
Tgt Ion:240 Resp: 279558
Ion Ratio Lower Upper
240 100
120 12.3 8.8 13.2
236 25.2 21.0 31.6



#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

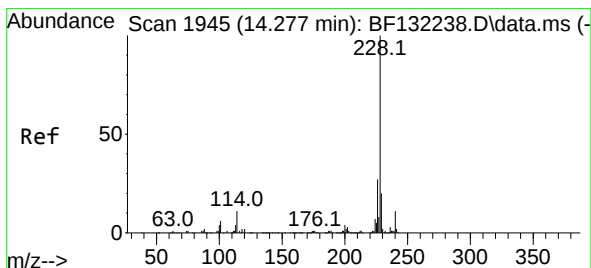
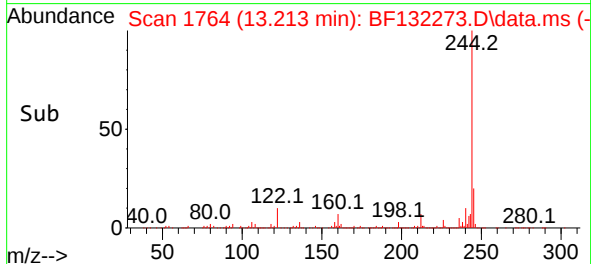
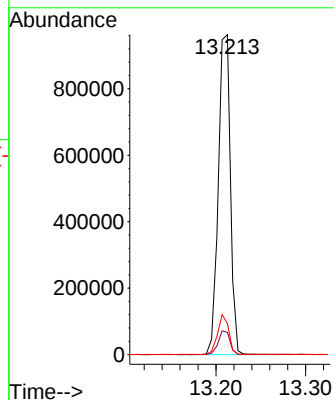
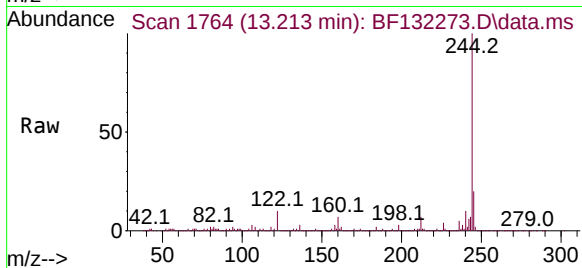




#79
 Terphenyl-d14
 Concen: 62.362 ng
 RT: 13.213 min Scan# 1764
 Delta R.T. -0.000 min
 Lab File: BF132273.D
 Acq: 01 Feb 2023 22:10

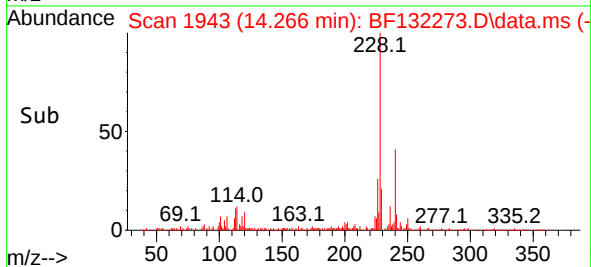
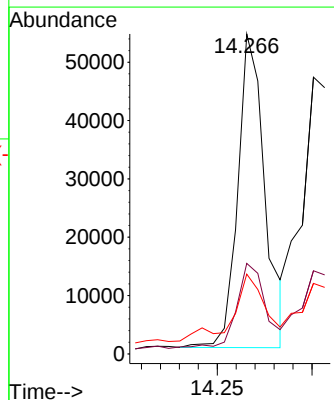
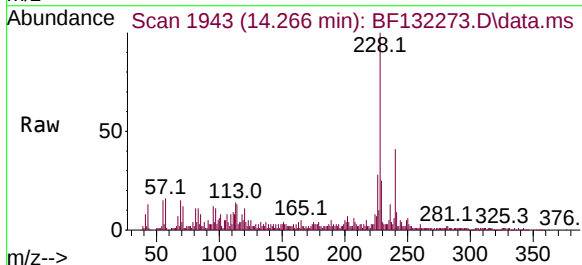
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 JC-2-012723

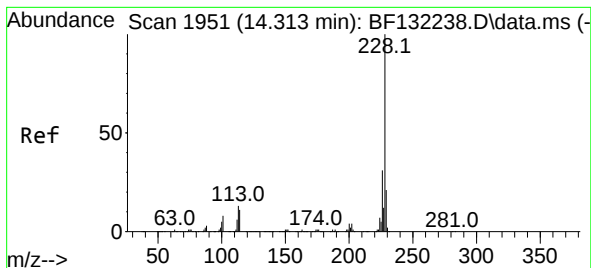
Tgt Ion:244 Resp: 901242
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.4 9.6
 122 9.7 10.5 15.7#



#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# 1951

Delta R.T. -0.012 min

Lab File: BF132273.D

Acq: 01 Feb 2023 22:10

Instrument :

BNA_F

ClientSampleId :

JC-2-012723

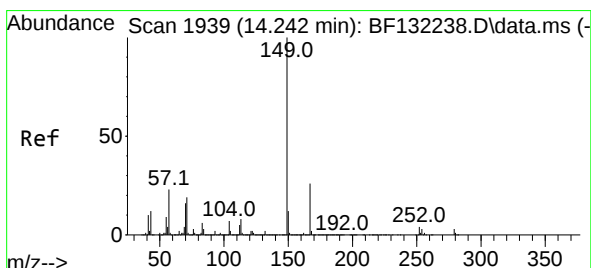
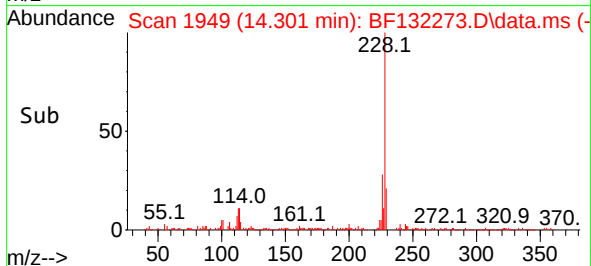
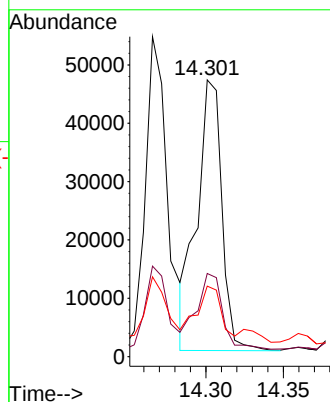
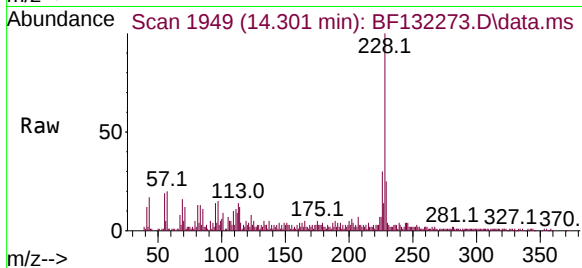
Tgt Ion:228 Resp: 51975

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

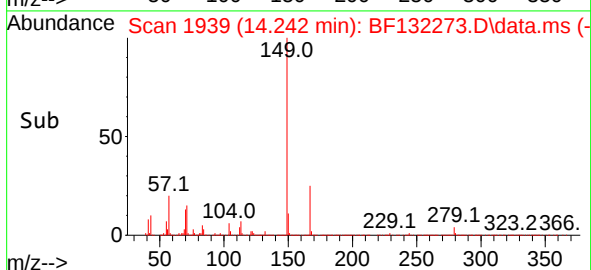
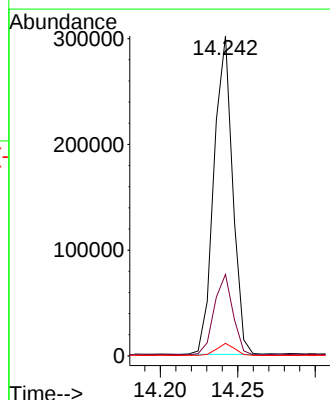
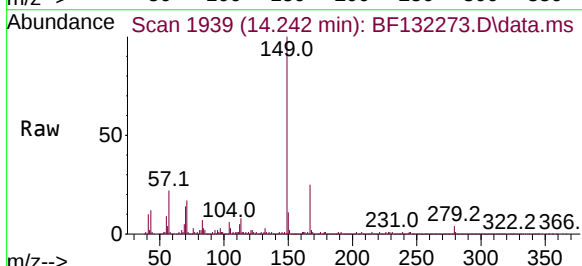
Tgt Ion:149 Resp: 253032

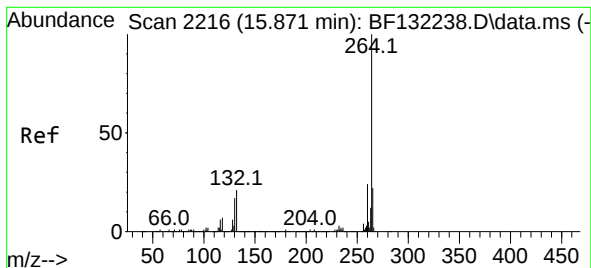
Ion Ratio Lower Upper

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

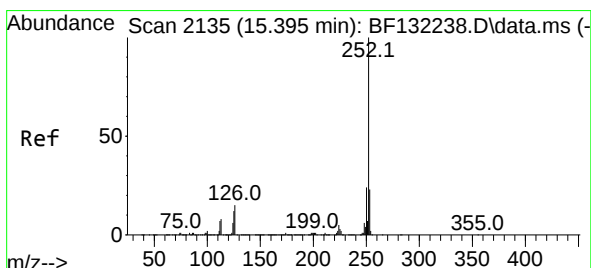
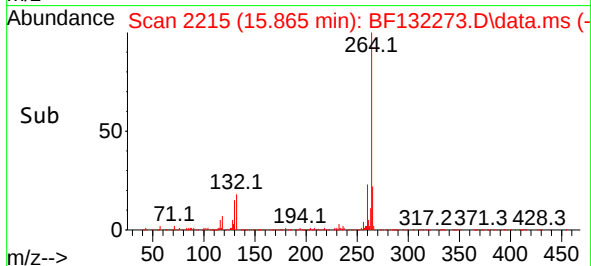
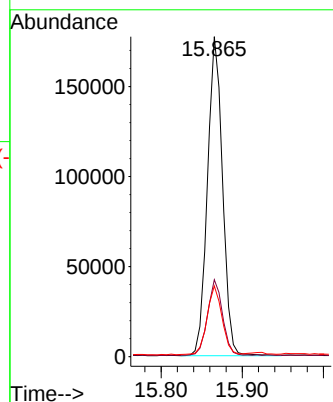
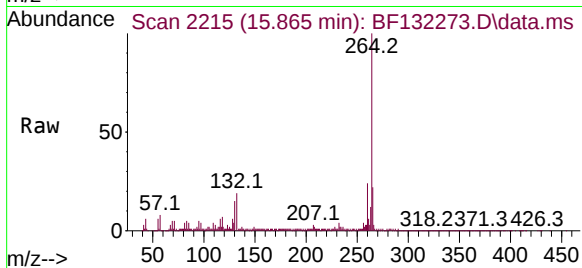
Tgt Ion:264 Resp: 229501

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

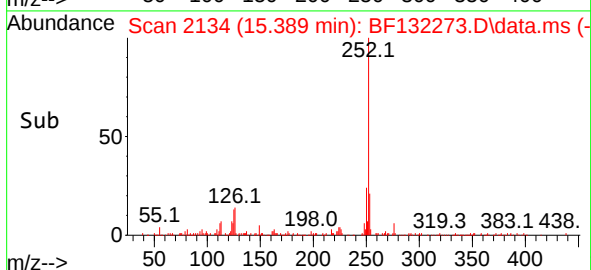
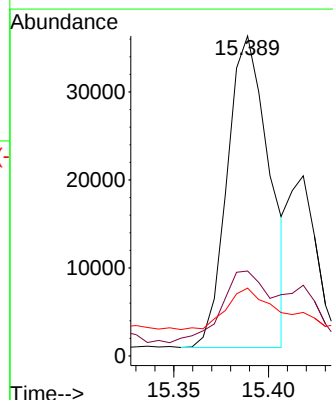
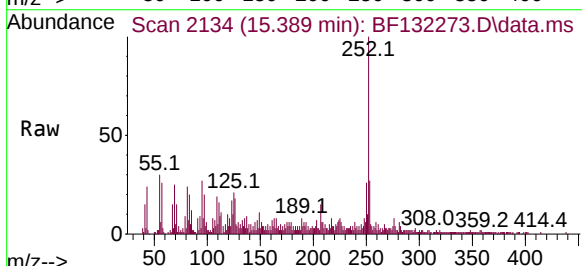
Tgt Ion:252 Resp: 54644

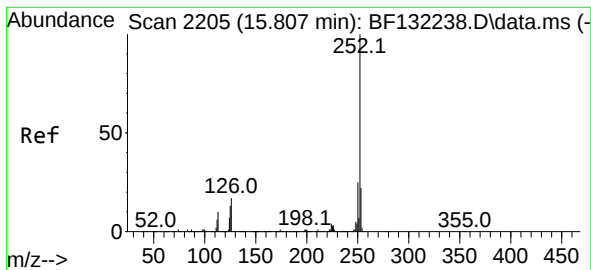
Ion Ratio Lower Upper

252 100

253 26.5 18.1 27.1

125 21.2 9.6 14.4#





#90

Benzo(a)pyrene

Concen: 3.184 ng

RT: 15.795 min Scan# 2205

Delta R.T. -0.012 min

Lab File: BF132273.D

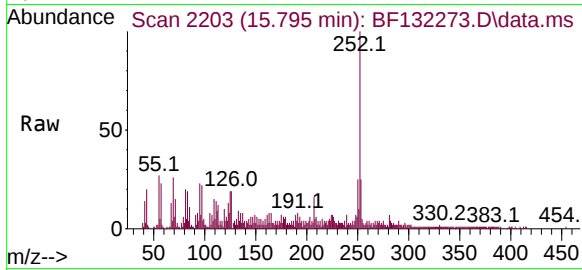
Acq: 01 Feb 2023 22:10

Instrument :

BNA_F

ClientSampleId :

JC-2-012723



Tgt Ion:252 Resp: 43258

Ion Ratio Lower Upper

252 100

253 24.8 17.8 26.8

125 18.9 10.2 15.4#

