

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
 Data File : BF132223.D
 Acq On : 30 Jan 2023 21:53
 Operator : CG\JU
 Sample : 01353-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11985

Quant Time: Jan 31 00:34:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 02:25:45 2023
 Response via : Initial Calibration

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

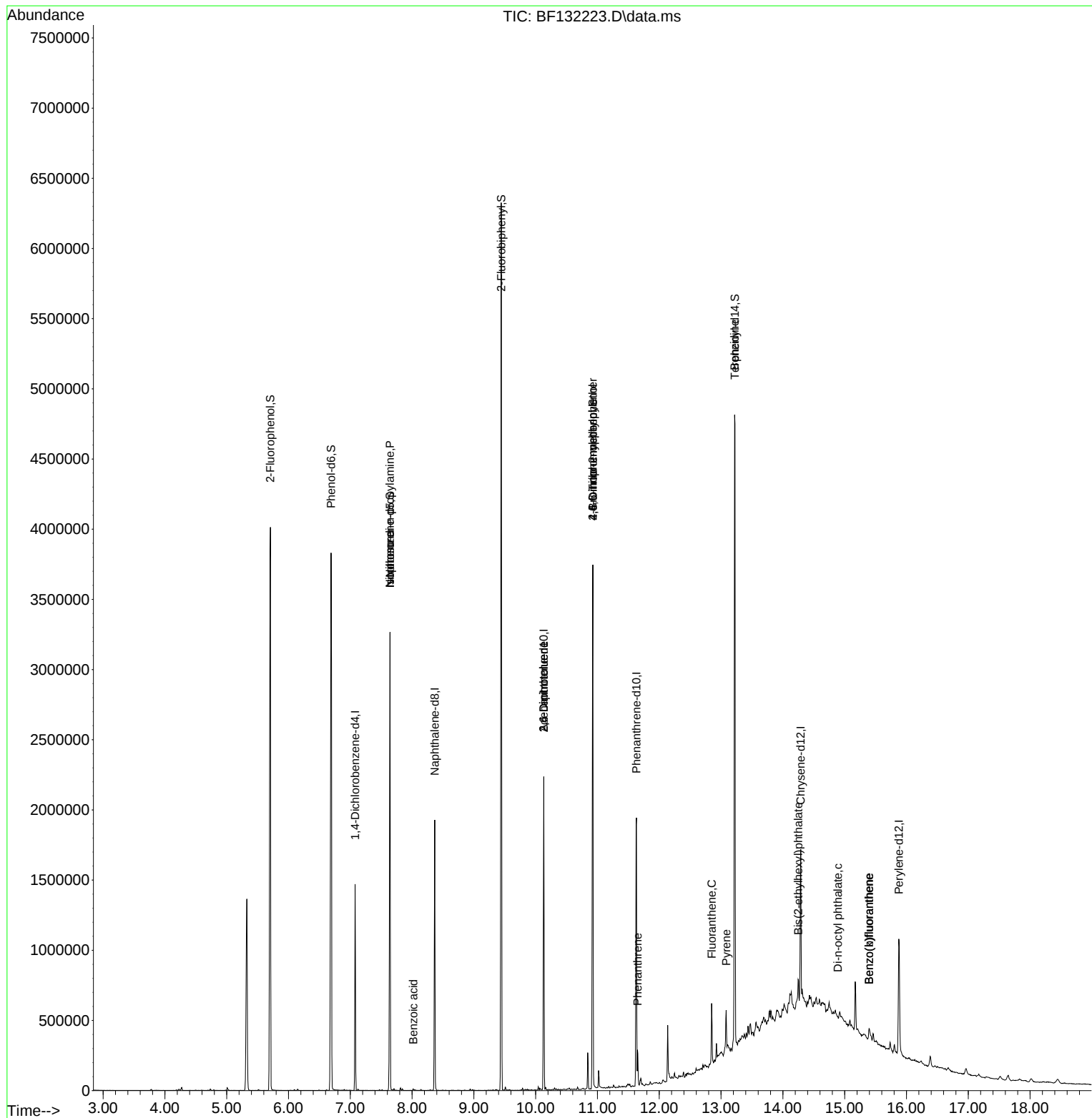
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.078	152	205009	20.000	ng	0.00
21) Naphthalene-d8	8.366	136	758191	20.000	ng	0.00
39) Acenaphthene-d10	10.131	164	403407	20.000	ng	0.00
64) Phenanthrene-d10	11.631	188	740981	20.000	ng	0.00
76) Chrysene-d12	14.289	240	360880	20.000	ng	0.00
86) Perylene-d12	15.877	264	414757	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	1362657	110.591	ng	0.01
7) Phenol-d6	6.690	99	1727176	111.794	ng	0.00
23) Nitrobenzene-d5	7.643	82	1048352	72.388	ng	0.00
42) 2,4,6-Tribromophenol	10.925	330	439724	117.715	ng	0.00
45) 2-Fluorobiphenyl	9.442	172	1856588	67.720	ng	0.00
79) Terphenyl-d14	13.225	244	1702402	74.115	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.643	70	133597	14.367	ng	# 76
25) Isophorone	7.643	82	1048338	37.640	ng	# 67
32) Benzoic acid	8.019	122	3001	7.624	ng	# 89
51) 2,6-Dinitrotoluene	10.131	165	53463	9.192	ng	# 22
57) 2,4-Dinitrotoluene	10.131	165	53463	7.466	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.925	198	1272	5.616	ng	# 1
67) 4-Bromophenyl-phenylether	10.925	248	30770	3.607	ng	# 1
71) Phenanthrene	11.648	178	85725	2.274	ng	97
75) Fluoranthene	12.848	202	136589	3.561	ng	98
77) Benzidine	13.219	184	24760	2.629	ng	# 95
78) Pyrene	13.083	202	106714	3.156	ng	97
84) Bis(2-ethylhexyl)phtha...	14.248	149	66769	5.198	ng	99
85) Di-n-octyl phthalate	14.889	149	2095	5.342	ng	# 69
88) Benzo(b)fluoranthene	15.395	252	65721	2.580	ng	# 82
89) Benzo(k)fluoranthene	15.395	252	65721	2.500	ng	# 81

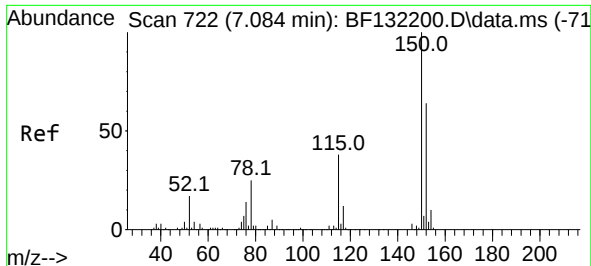
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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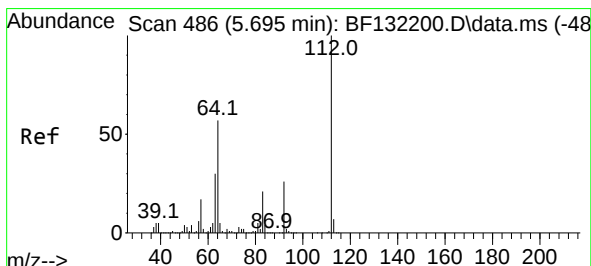
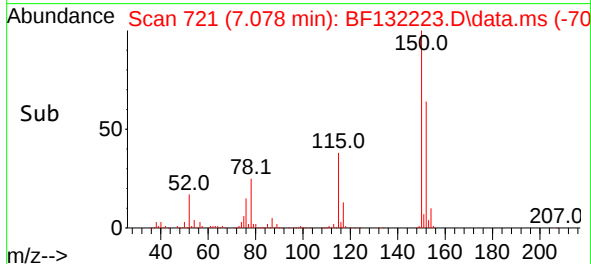
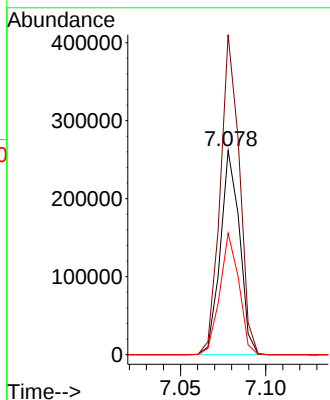
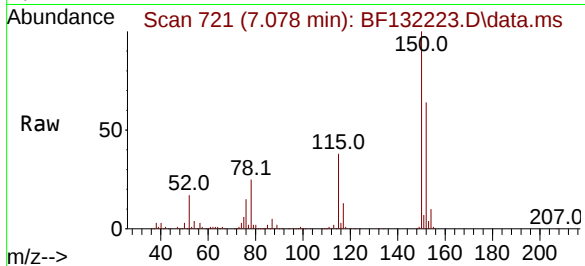




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.078 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132223.D
 Acq: 30 Jan 2023 21:53

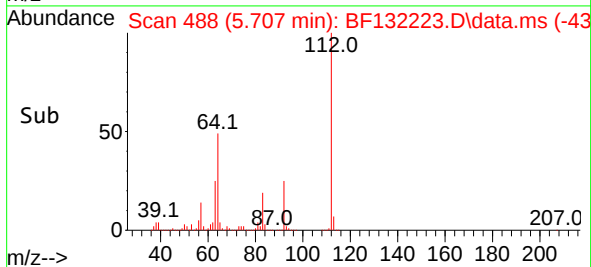
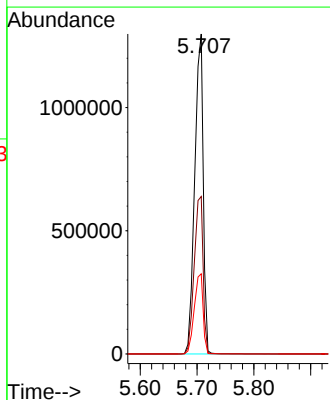
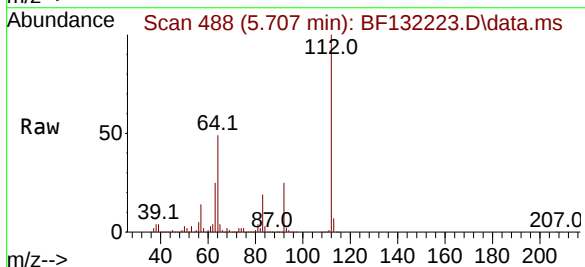
Instrument :
 BNA_F
 ClientSampleId :
 72-11985

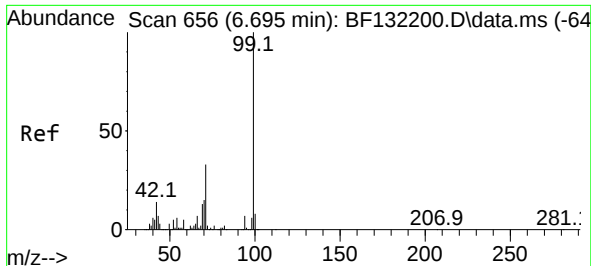
Tgt Ion:152 Resp: 205009
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.5 186.7
 115 59.6 47.0 70.6



#5
 2-Fluorophenol
 Concen: 110.591 ng
 RT: 5.707 min Scan# 488
 Delta R.T. 0.012 min
 Lab File: BF132223.D
 Acq: 30 Jan 2023 21:53

Tgt Ion:112 Resp: 1362657
 Ion Ratio Lower Upper
 112 100
 64 49.2 45.5 68.3
 63 25.0 23.7 35.5

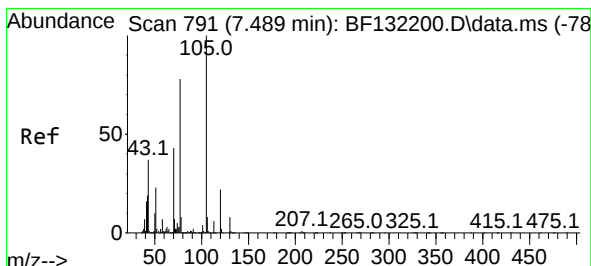
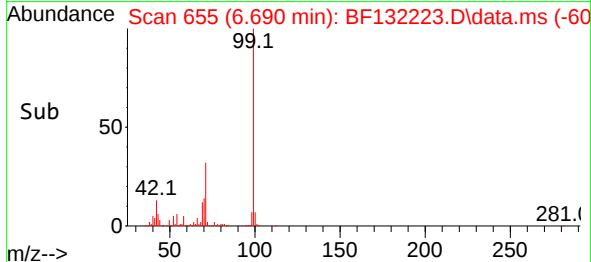
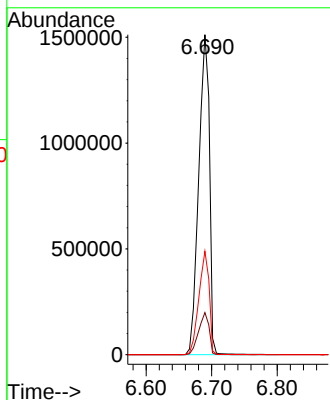
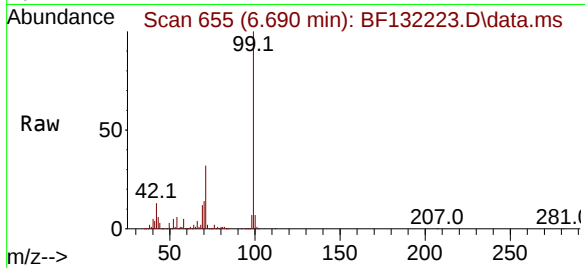




#7
Phenol-d6
Concen: 111.794 ng
RT: 6.690 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132223.D
Acq: 30 Jan 2023 21:53

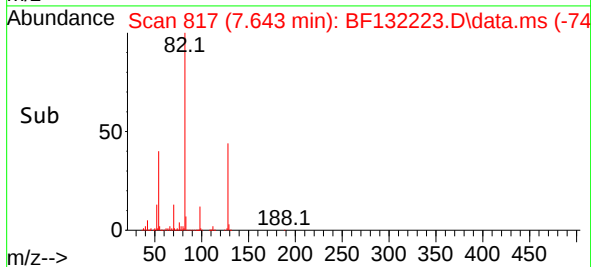
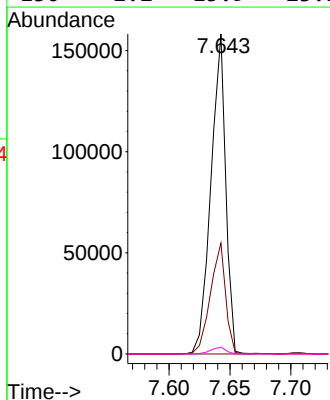
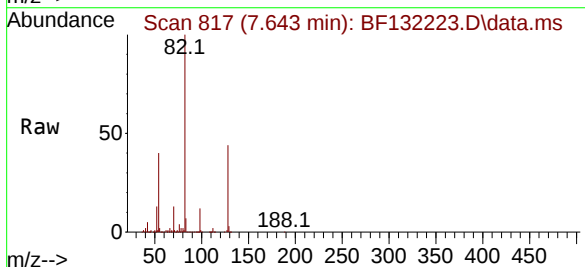
Instrument :
BNA_F
ClientSampleId :
72-11985

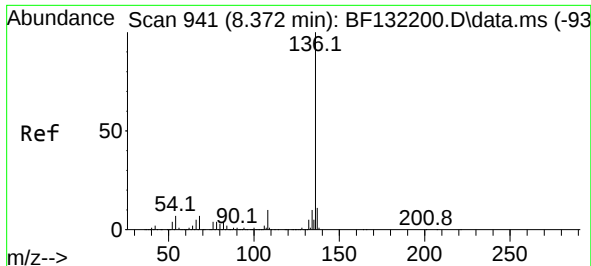
Tgt Ion: 99 Resp: 1727176
Ion Ratio Lower Upper
99 100
42 13.1 11.3 16.9
71 32.3 26.3 39.5



#19
n-Nitroso-di-n-propylamine
Concen: 14.367 ng
RT: 7.643 min Scan# 817
Delta R.T. 0.153 min
Lab File: BF132223.D
Acq: 30 Jan 2023 21:53

Tgt Ion: 70 Resp: 133597
Ion Ratio Lower Upper
70 100
42 34.7 36.2 54.4#
101 0.0 7.9 11.9#
130 2.2 15.9 23.9#



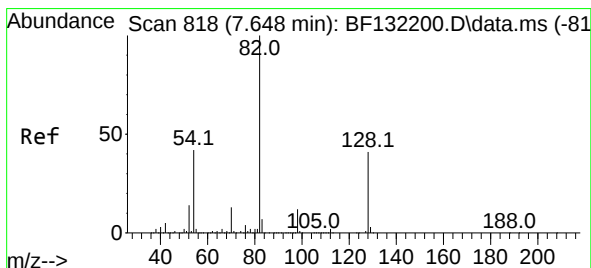
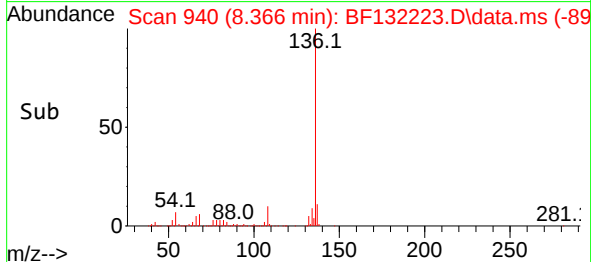
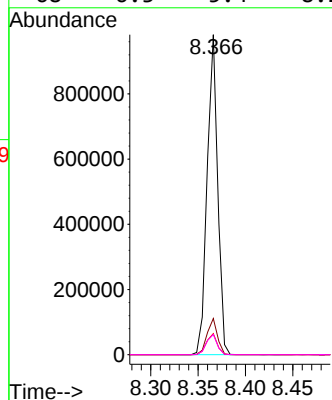
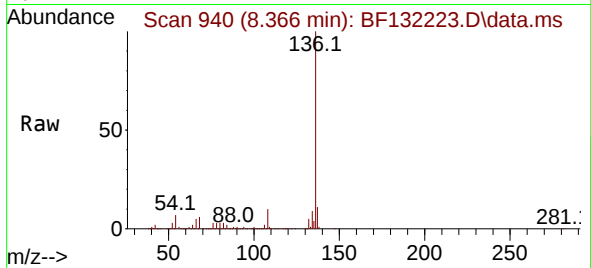


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.366 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF132223.D
Acq: 30 Jan 2023 21:53

Instrument :
BNA_F
ClientSampleId :
72-11985

Tgt Ion:136 Resp: 758191

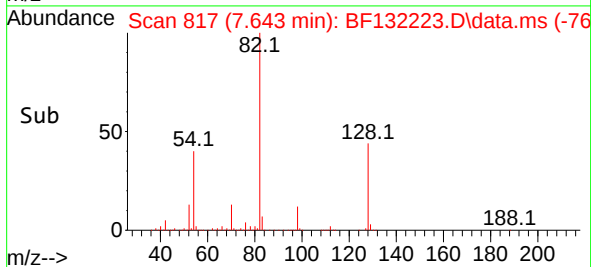
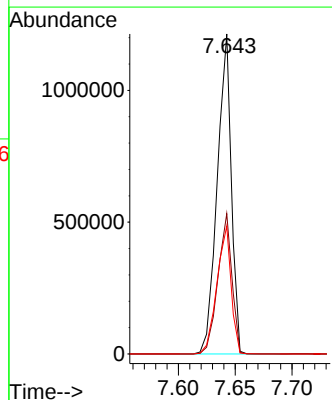
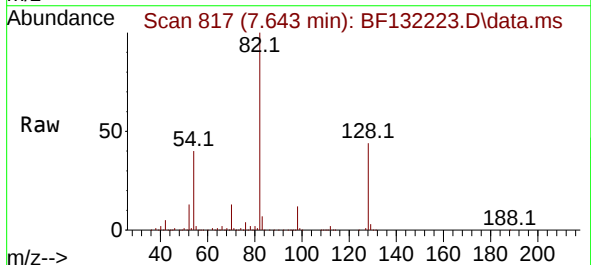
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.6	5.4	8.2
68	6.3	5.4	8.2

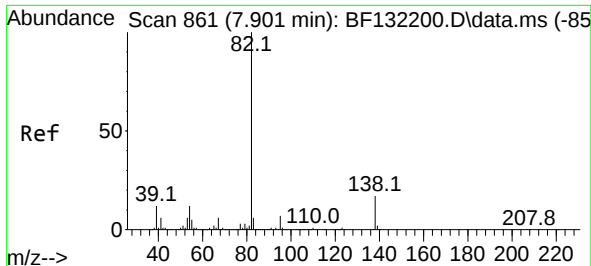


#23
Nitrobenzene-d5
Concen: 72.388 ng
RT: 7.643 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF132223.D
Acq: 30 Jan 2023 21:53

Tgt Ion: 82 Resp: 1048352

Ion	Ratio	Lower	Upper
82	100		
128	43.9	32.7	49.1
54	40.0	33.3	49.9

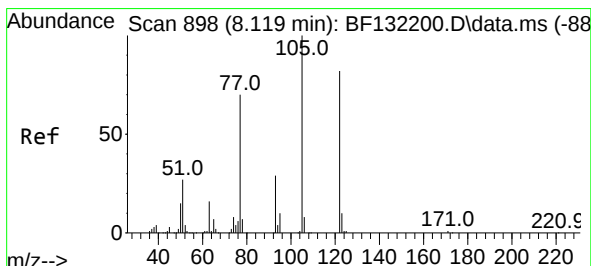
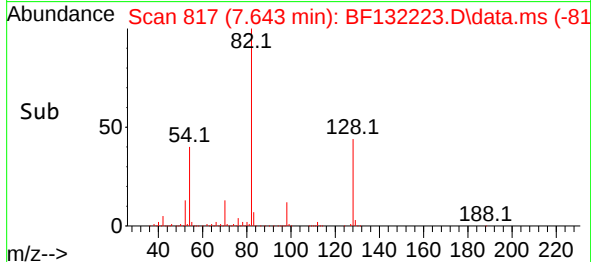
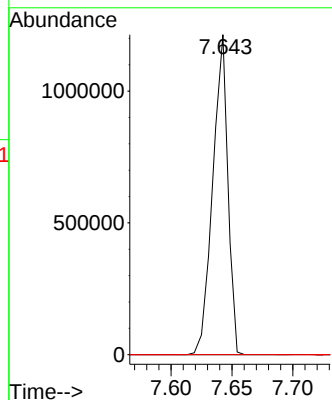
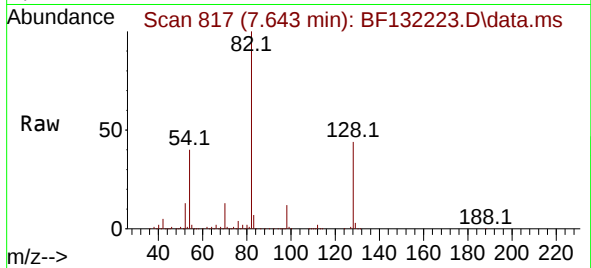




#25
Isophorone
Concen: 37.640 ng
RT: 7.643 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132223.D
Acq: 30 Jan 2023 21:53

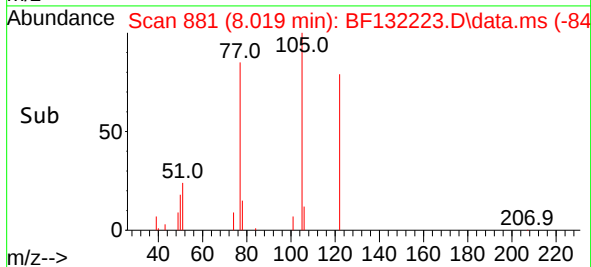
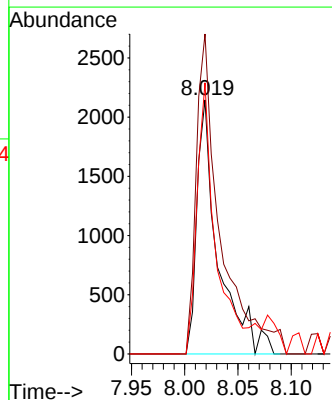
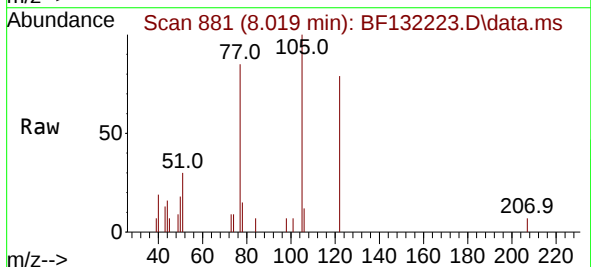
Instrument :
BNA_F
ClientSampleId :
72-11985

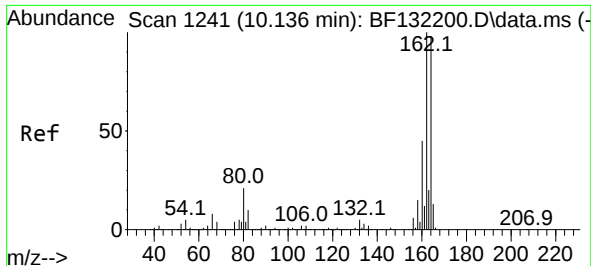
Tgt Ion: 82 Resp: 1048338
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.624 ng
RT: 8.019 min Scan# 881
Delta R.T. -0.100 min
Lab File: BF132223.D
Acq: 30 Jan 2023 21:53

Tgt Ion:122 Resp: 3001
Ion Ratio Lower Upper
122 100
105 125.9 101.5 141.5
77 106.7 66.5 106.5#

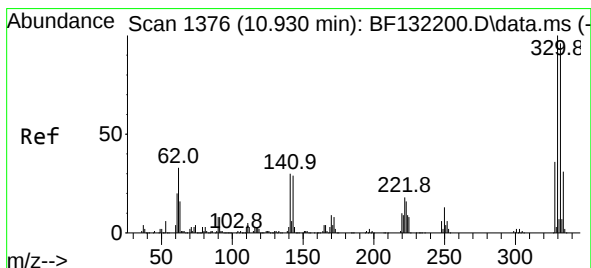
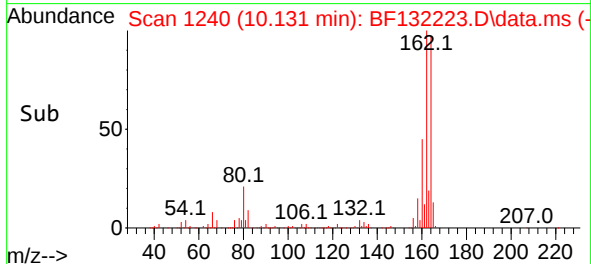
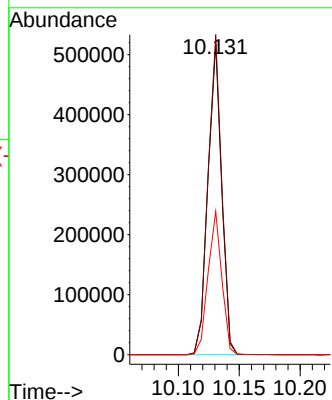
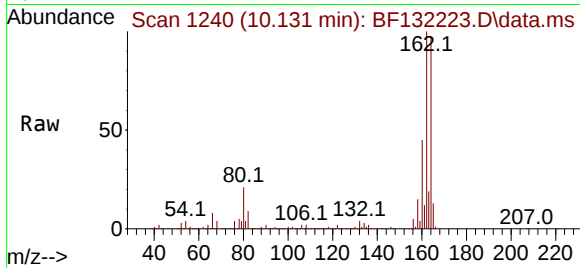




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.131 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132223.D
Acq: 30 Jan 2023 21:53

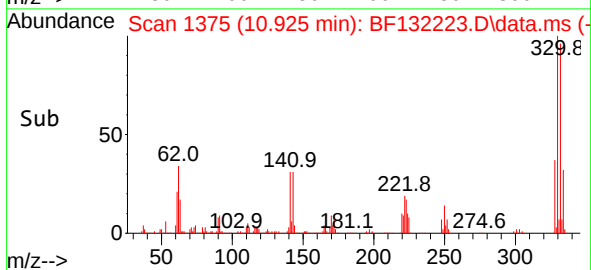
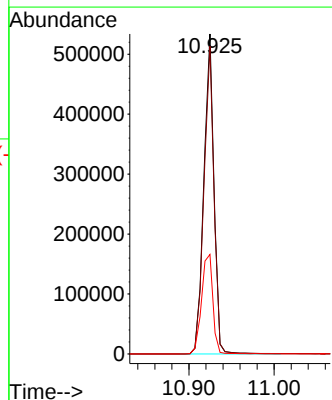
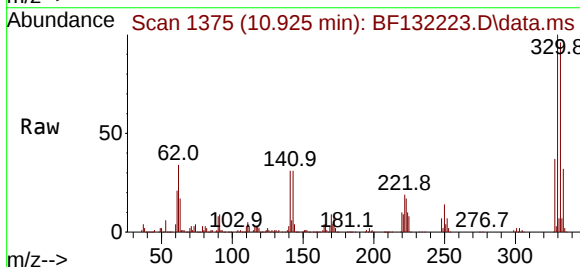
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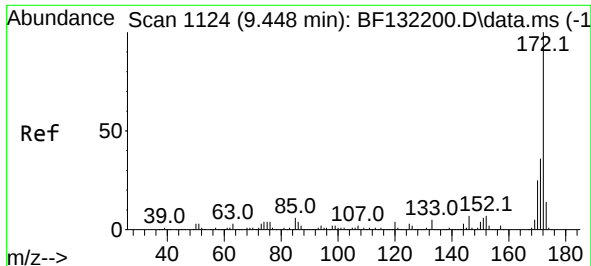
Tgt Ion:164 Resp: 403407
Ion Ratio Lower Upper
164 100
162 102.9 81.5 122.3
160 46.1 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 117.715 ng
RT: 10.925 min Scan# 1375
Delta R.T. -0.006 min
Lab File: BF132223.D
Acq: 30 Jan 2023 21:53

Tgt Ion:330 Resp: 439724
Ion Ratio Lower Upper
330 100
332 96.1 75.7 113.5
141 34.9 30.7 46.1

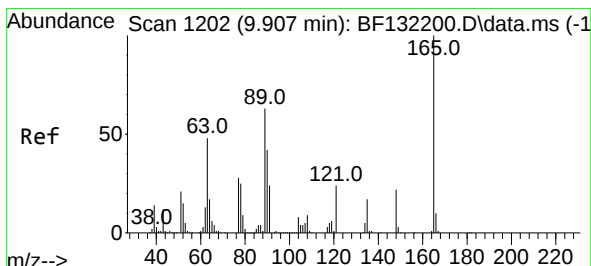
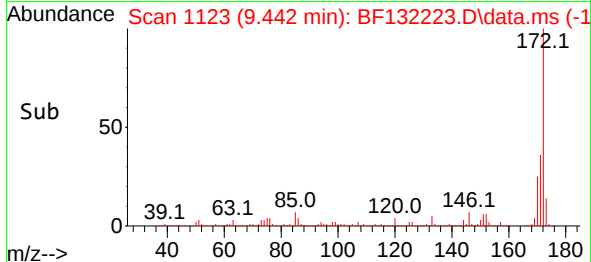
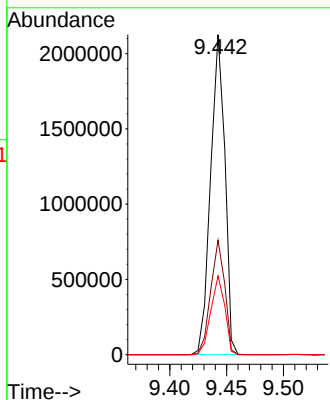
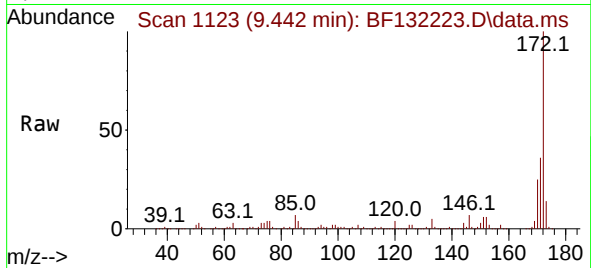




#45
2-Fluorobiphenyl
Concen: 67.720 ng
RT: 9.442 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF132223.D
Acq: 30 Jan 2023 21:53

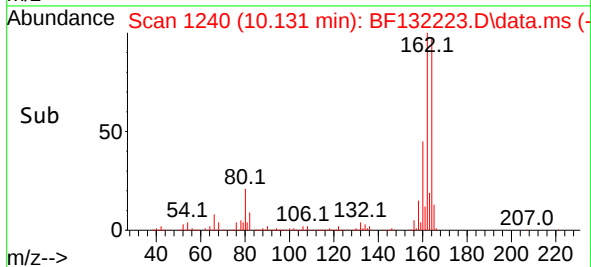
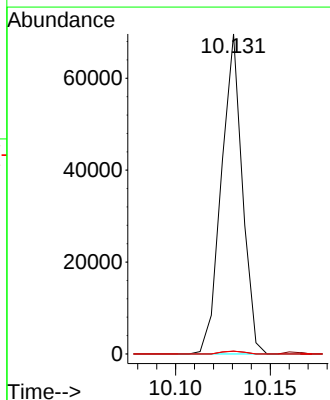
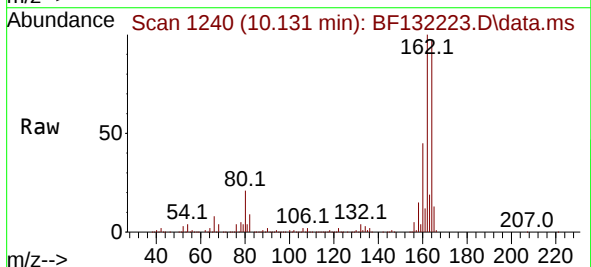
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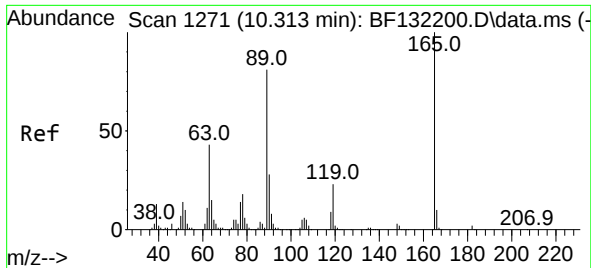
Tgt Ion:172 Resp: 1856588
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 24.6 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 9.192 ng
RT: 10.131 min Scan# 1240
Delta R.T. 0.224 min
Lab File: BF132223.D
Acq: 30 Jan 2023 21:53

Tgt Ion:165 Resp: 53463
Ion Ratio Lower Upper
165 100
63 0.8 46.1 69.1#
89 0.9 50.3 75.5#

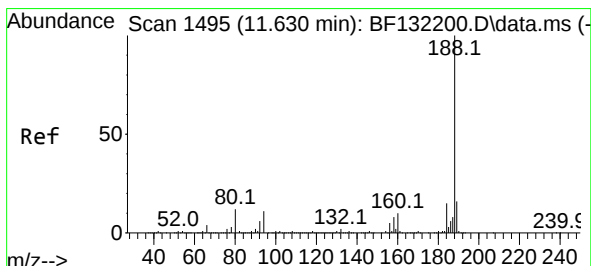
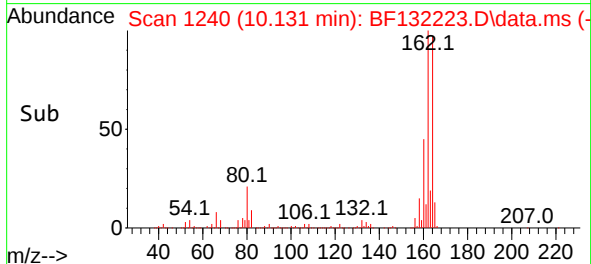
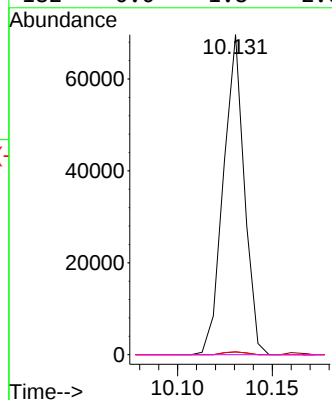
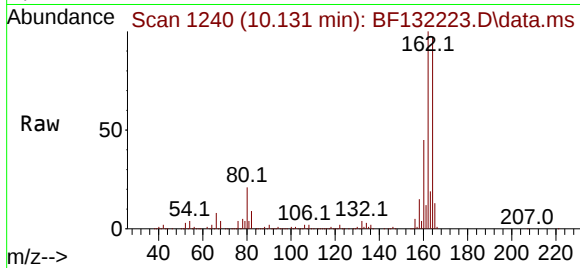




#57
2,4-Dinitrotoluene
Concen: 7.466 ng
RT: 10.131 min Scan# 11
Delta R.T. -0.182 min
Lab File: BF132223.D
Acq: 30 Jan 2023 21:53

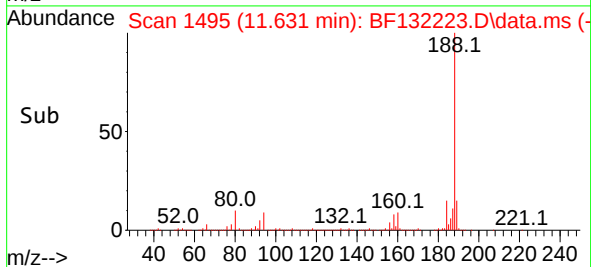
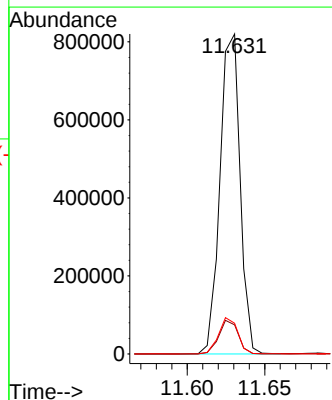
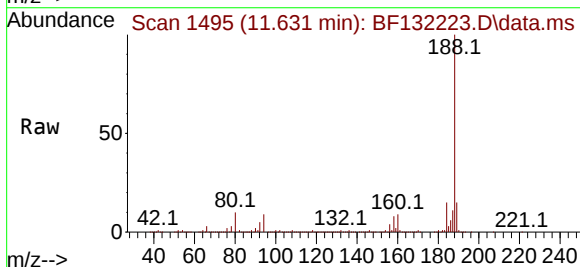
Instrument :
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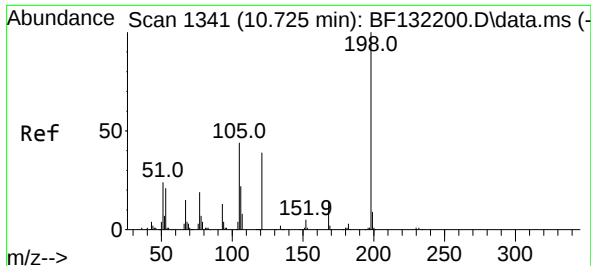
Tgt Ion:165 Resp: 53463
Ion Ratio Lower Upper
165 100
63 0.8 34.2 51.2#
89 0.9 65.1 97.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.631 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF132223.D
Acq: 30 Jan 2023 21:53

Tgt Ion:188 Resp: 740981
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 9.6 9.2 13.8





#65

4,6-Dinitro-2-methylphenol

Concen: 5.616 ng

RT: 10.925 min Scan# 1375

Delta R.T. 0.200 min

Lab File: BF132223.D

Acq: 30 Jan 2023 21:53

Instrument :

BNA_F

ClientSampleId :

72-11985

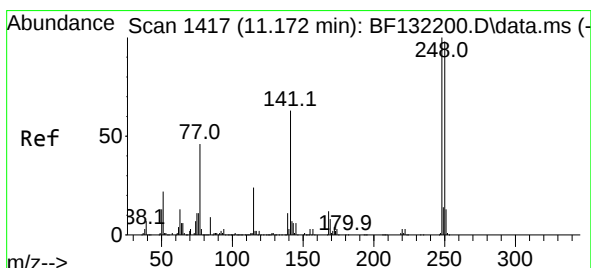
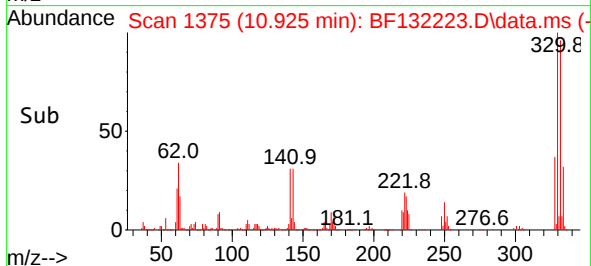
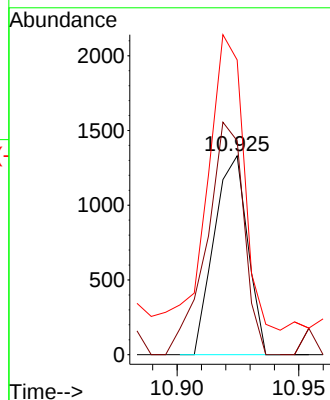
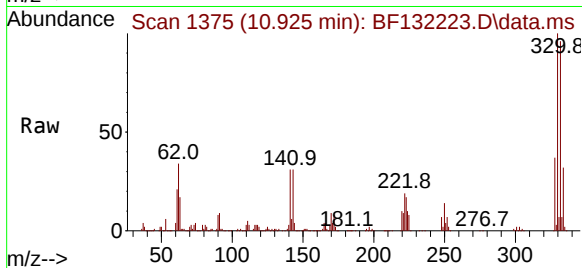
Tgt Ion:198 Resp: 1272

Ion Ratio Lower Upper

198 100

51 107.5 14.9 54.9#

105 148.2 24.2 64.2#



#67

4-Bromophenyl-phenylether

Concen: 3.607 ng

RT: 10.925 min Scan# 1375

Delta R.T. -0.247 min

Lab File: BF132223.D

Acq: 30 Jan 2023 21:53

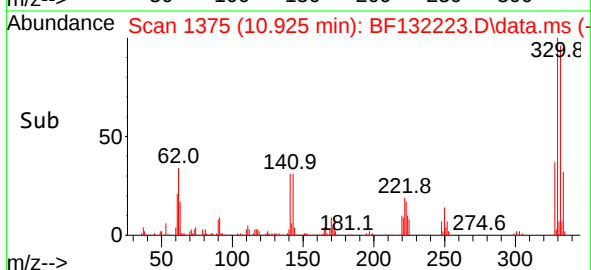
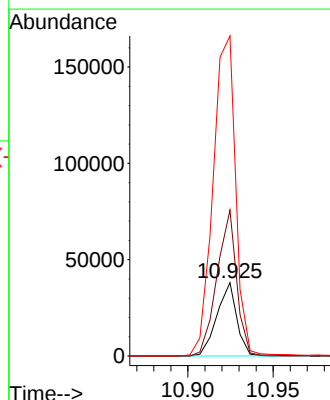
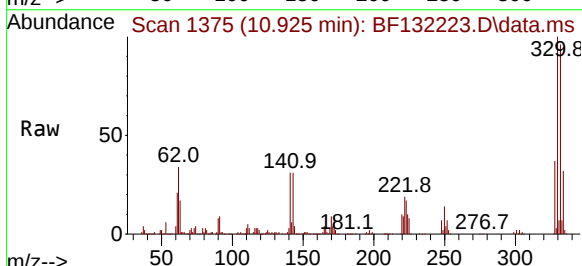
Tgt Ion:248 Resp: 30770

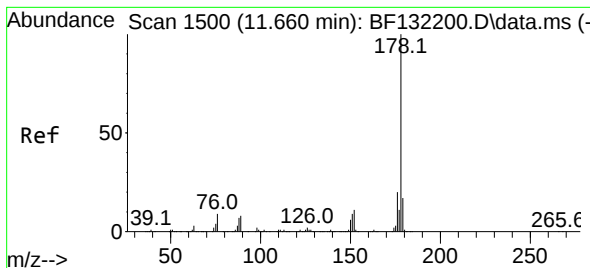
Ion Ratio Lower Upper

248 100

250 199.4 78.5 117.7#

141 437.0 50.2 75.4#





#71

Phenanthrene

Concen: 2.274 ng

RT: 11.648 min Scan# 1498

Delta R.T. -0.012 min

Lab File: BF132223.D

Acq: 30 Jan 2023 21:53

Instrument :

BNA_F

ClientSampleId :

72-11985

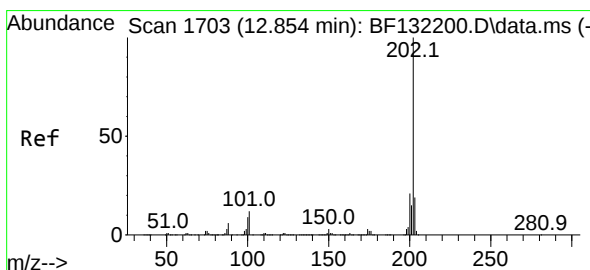
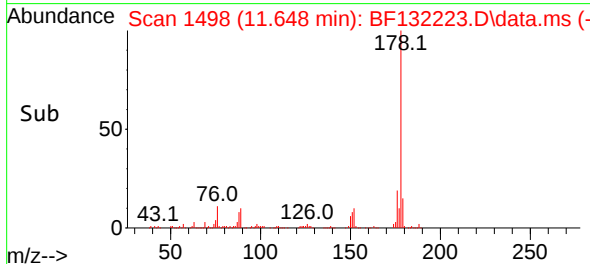
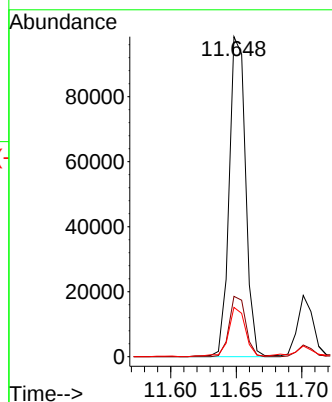
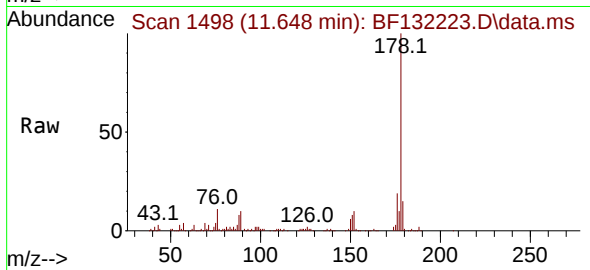
Tgt Ion:178 Resp: 85725

Ion Ratio Lower Upper

178 100

176 18.9 16.4 24.6

179 15.4 13.3 19.9



#75

Fluoranthene

Concen: 3.561 ng

RT: 12.848 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BF132223.D

Acq: 30 Jan 2023 21:53

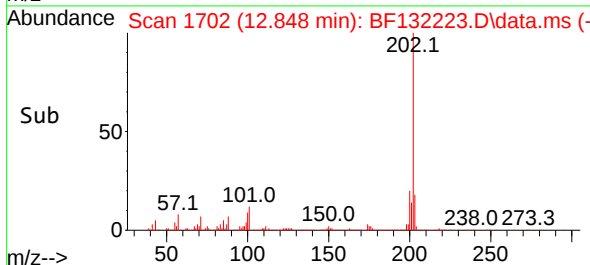
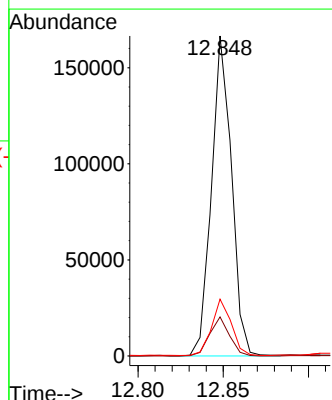
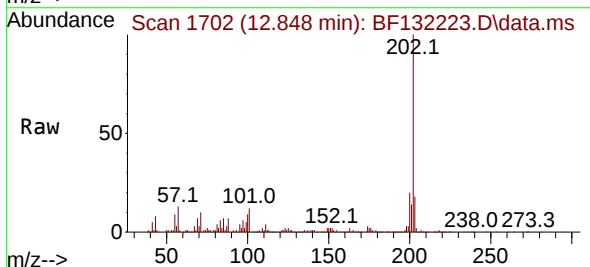
Tgt Ion:202 Resp: 136589

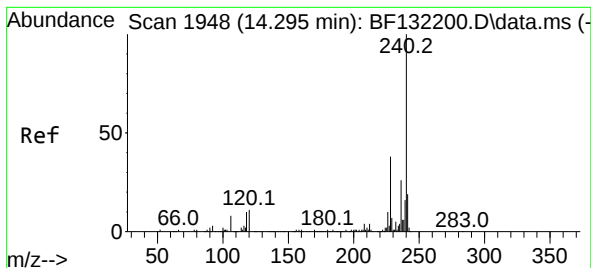
Ion Ratio Lower Upper

202 100

101 12.2 0.0 32.5

203 17.8 0.0 38.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.289 min Scan# 1948

Delta R.T. -0.006 min

Lab File: BF132223.D

Acq: 30 Jan 2023 21:53

Instrument :

BNA_F

ClientSampleId :

72-11985

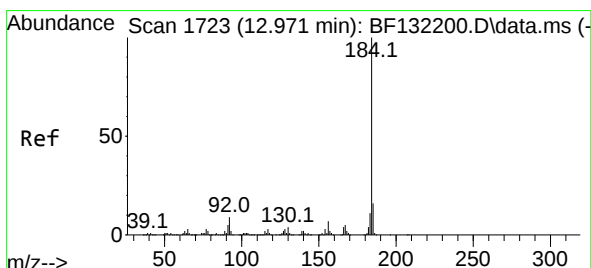
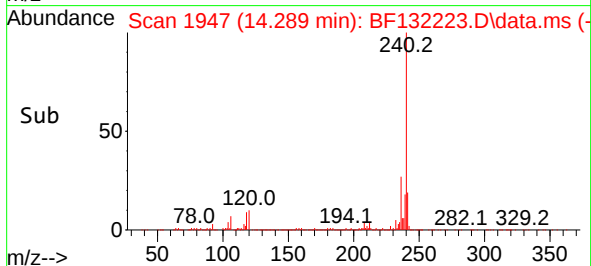
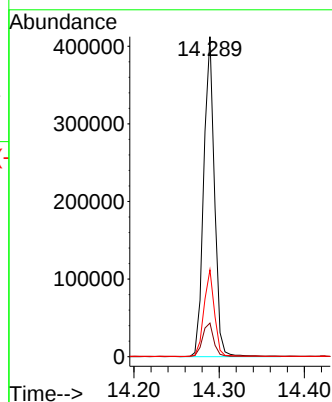
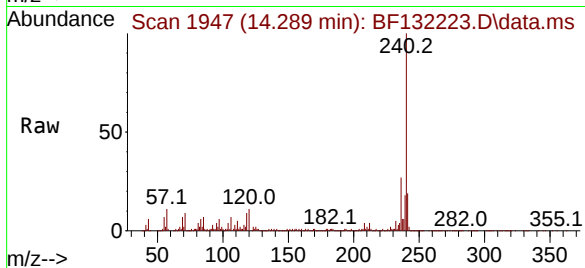
Tgt Ion:240 Resp: 360880

Ion Ratio Lower Upper

240 100

120 10.5 9.0 13.4

236 27.1 20.8 31.2



#77

Benzidine

Concen: 2.629 ng

RT: 13.219 min Scan# 1765

Delta R.T. 0.247 min

Lab File: BF132223.D

Acq: 30 Jan 2023 21:53

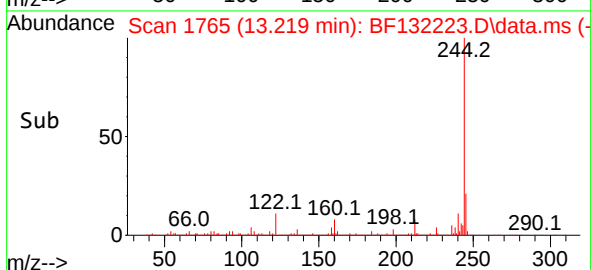
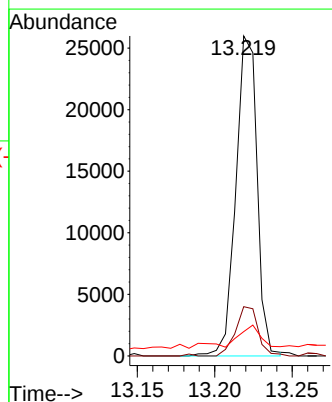
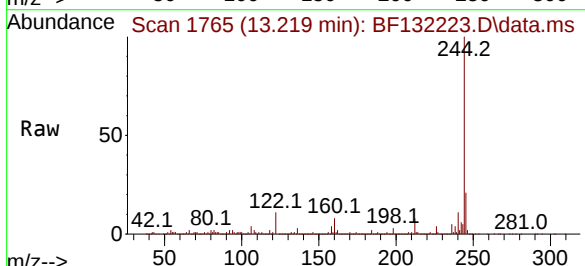
Tgt Ion:184 Resp: 24760

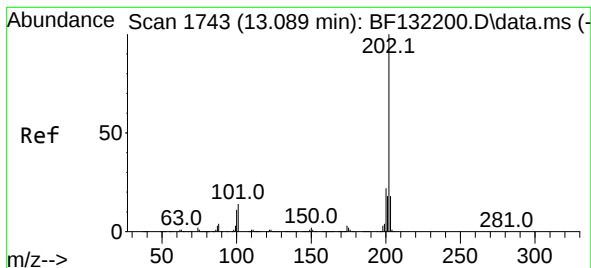
Ion Ratio Lower Upper

184 100

185 15.4 13.2 19.8

183 7.6 8.8 13.2#





#78

Pyrene

Concen: 3.156 ng

RT: 13.083 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132223.D

Acq: 30 Jan 2023 21:53

Instrument :

BNA_F

ClientSampleId :

72-11985

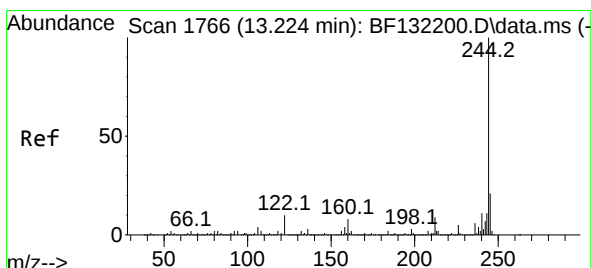
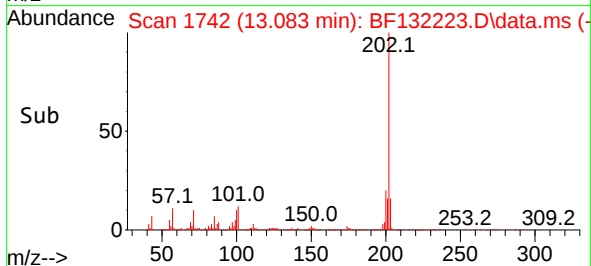
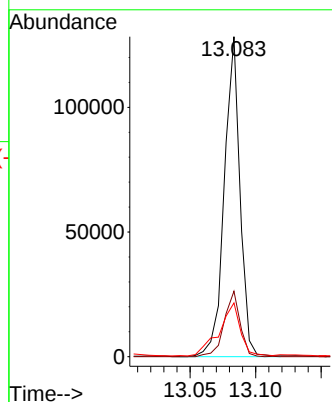
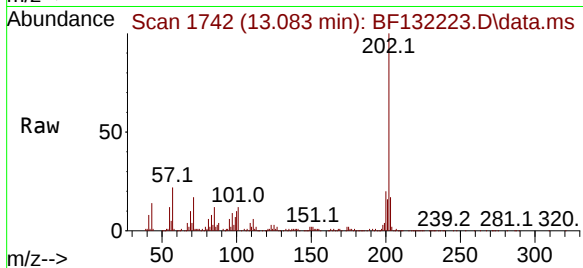
Tgt Ion:202 Resp: 106714

Ion Ratio Lower Upper

202 100

200 20.4 17.4 26.2

203 16.8 14.7 22.1



#79

Terphenyl-d14

Concen: 74.115 ng

RT: 13.225 min Scan# 1766

Delta R.T. 0.001 min

Lab File: BF132223.D

Acq: 30 Jan 2023 21:53

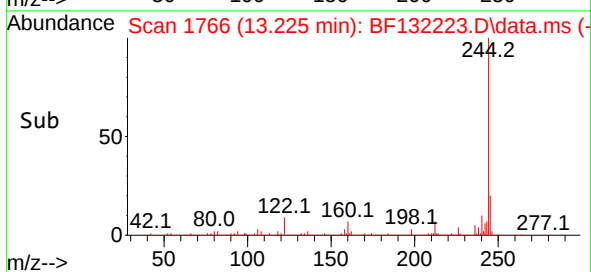
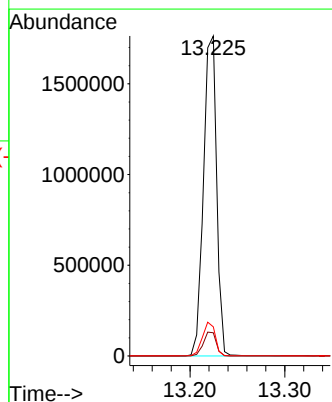
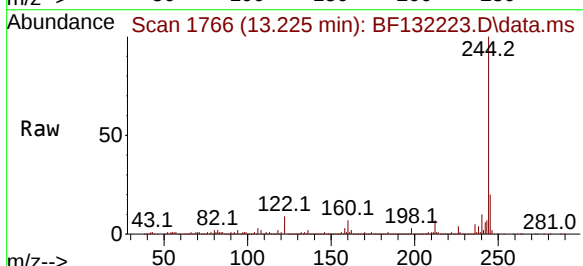
Tgt Ion:244 Resp: 1702402

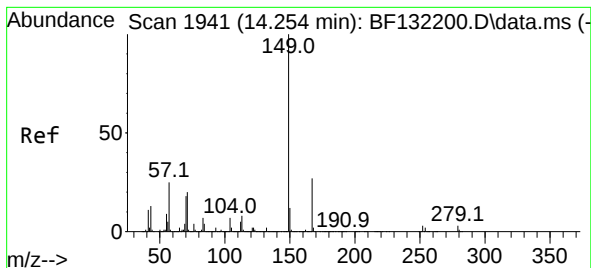
Ion Ratio Lower Upper

244 100

212 7.3 6.8 10.2

122 9.1 8.3 12.5

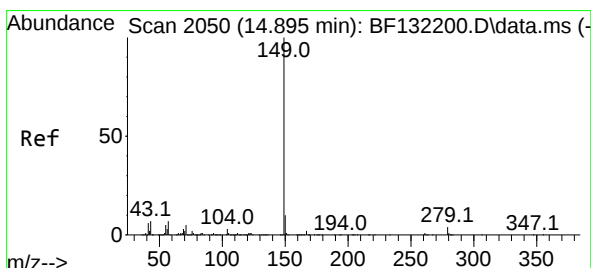
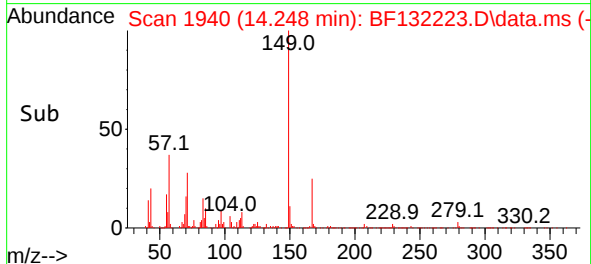
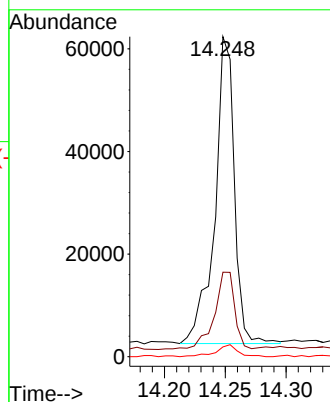
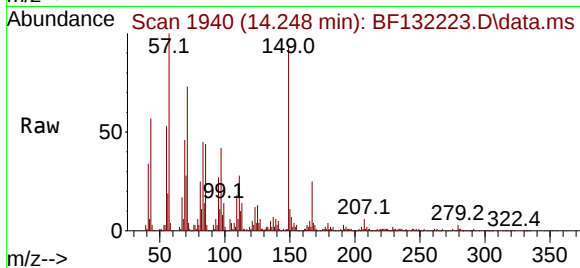




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.198 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132223.D
Acq: 30 Jan 2023 21:53

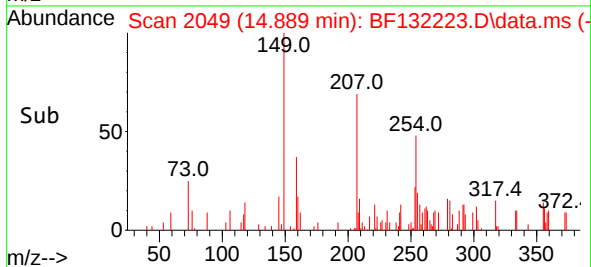
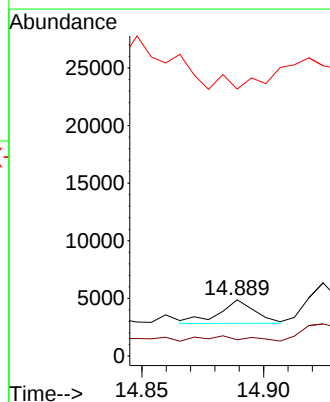
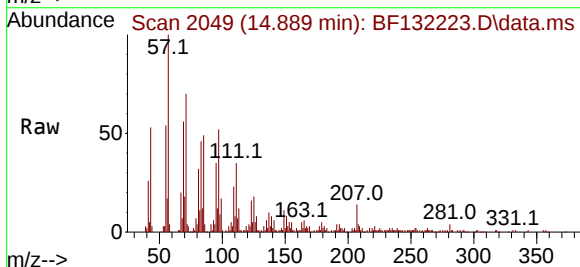
Instrument :
BNA_F
ClientSampleId :
72-11985

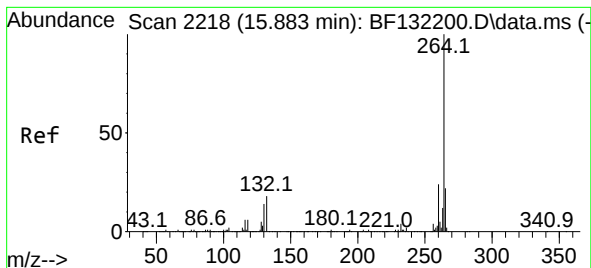
Tgt Ion:149 Resp: 66769
Ion Ratio Lower Upper
149 100
167 26.4 21.7 32.5
279 3.1 2.8 4.2



#85
Di-n-octyl phthalate
Concen: 5.342 ng
RT: 14.889 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF132223.D
Acq: 30 Jan 2023 21:53

Tgt Ion:149 Resp: 2095
Ion Ratio Lower Upper
149 100
167 28.9 1.2 1.8#
43 0.0 6.6 10.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.877 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132223.D

Acq: 30 Jan 2023 21:53

Instrument :

BNA_F

ClientSampleId :

72-11985

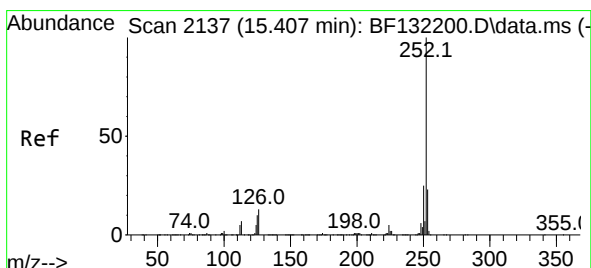
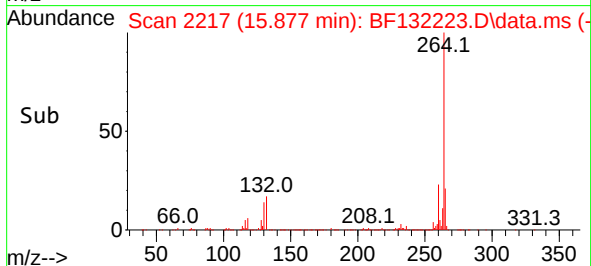
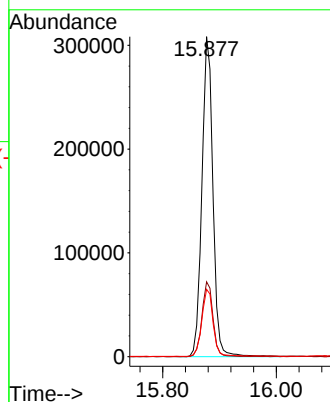
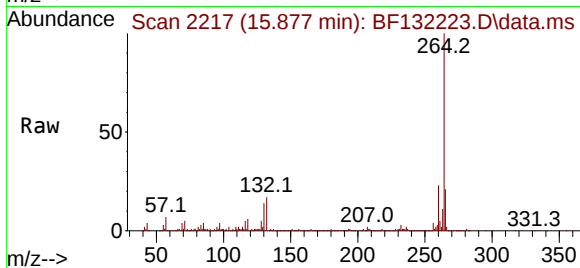
Tgt Ion:264 Resp: 414757

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.0 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 2.580 ng

RT: 15.395 min Scan# 2135

Delta R.T. -0.012 min

Lab File: BF132223.D

Acq: 30 Jan 2023 21:53

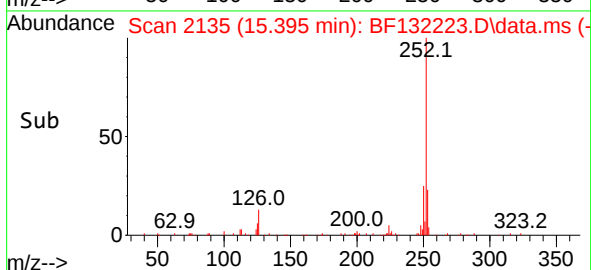
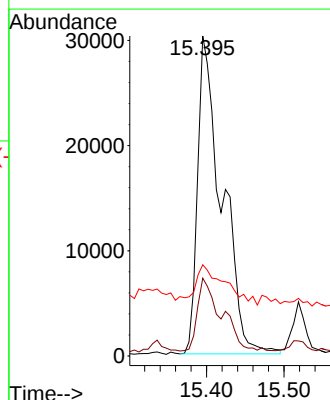
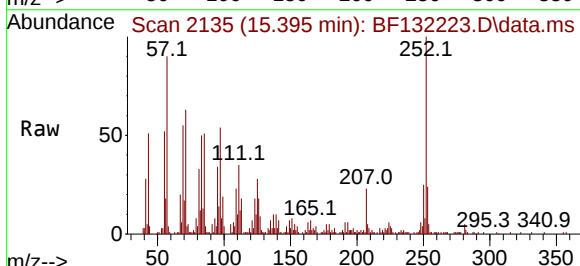
Tgt Ion:252 Resp: 65721

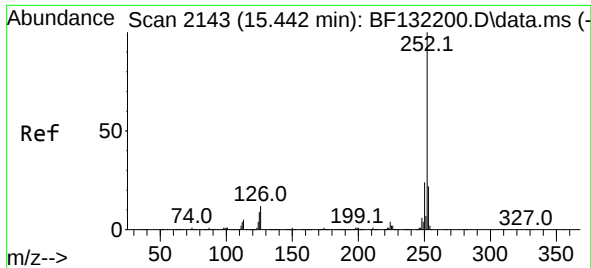
Ion Ratio Lower Upper

252 100

253 24.3 18.0 27.0

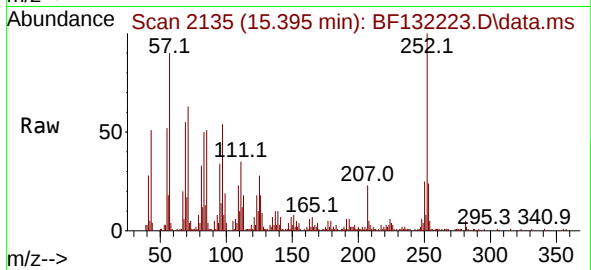
125 28.5 8.2 12.4#





#89
Benzo(k)fluoranthene
Concen: 2.500 ng
RT: 15.395 min Scan# 21
Delta R.T. -0.047 min
Lab File: BF132223.D
Acq: 30 Jan 2023 21:53

Instrument :
BNA_F
ClientSampleId :
72-11985



Tgt Ion:252 Resp: 65721
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.6
125 28.5 7.7 11.5#

