

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
 Data File : BF131981.D
 Acq On : 10 Jan 2023 00:44
 Operator : CG\JU
 Sample : N6245-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-COMP

Quant Time: Jan 10 03:17:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

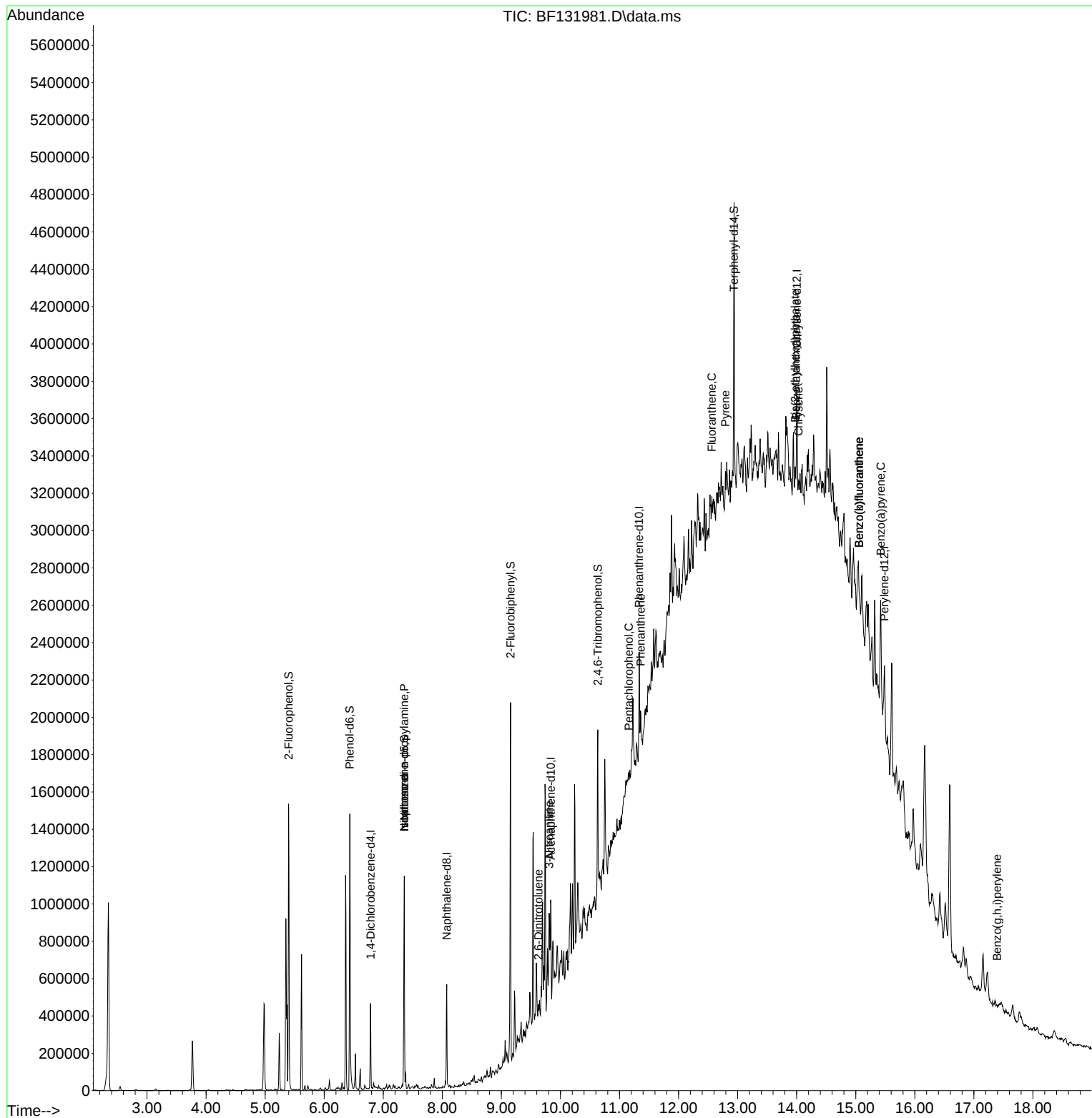
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	60581	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	202388	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	93038	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	143294	20.000	ng	# 0.00
76) Chrysene-d12	14.004	240	125903	20.000	ng	# 0.02
86) Perylene-d12	15.486	264	104098	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	374678	101.911	ng	0.00
7) Phenol-d6	6.434	99	472035	96.835	ng	0.00
23) Nitrobenzene-d5	7.357	82	349952	71.764	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	89600	83.759	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	527036	76.472	ng	0.00
79) Terphenyl-d14	12.939	244	476587	54.254	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	52305	14.833	ng	# 76
25) Isophorone	7.357	82	347331	38.127	ng	# 69
51) 2,6-Dinitrotoluene	9.628	165	4813	3.155	ng	# 27
53) 3-Nitroaniline	9.810	138	4597	3.106	ng	# 17
70) Pentachlorophenol	11.157	266	1226	5.557	ng	# 1
71) Phenanthrene	11.357	178	39616	5.303	ng	# 80
75) Fluoranthene	12.563	202	48956	5.827	ng	78
78) Pyrene	12.792	202	60209	5.243	ng	# 80
81) Benzo(a)anthracene	13.992	228	28336	3.094	ng	# 55
83) Chrysene	14.033	228	29328	3.426	ng	# 63
84) Bis(2-ethylhexyl)phtha...	13.974	149	38649	6.155	ng	# 79
88) Benzo(b)fluoranthene	15.057	252	40847	5.721	ng	# 1
89) Benzo(k)fluoranthene	15.057	252	40847	5.732	ng	# 1
90) Benzo(a)pyrene	15.421	252	18973	2.949	ng	# 1
92) Benzo(g,h,i)perylene	17.392	276	11419	5.371	ng	# 80

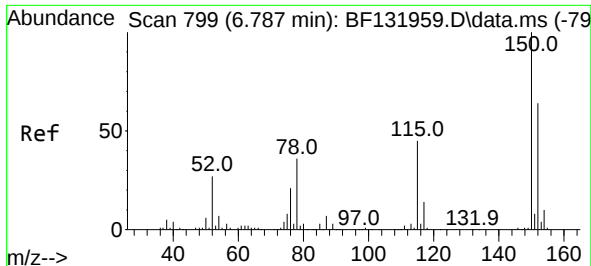
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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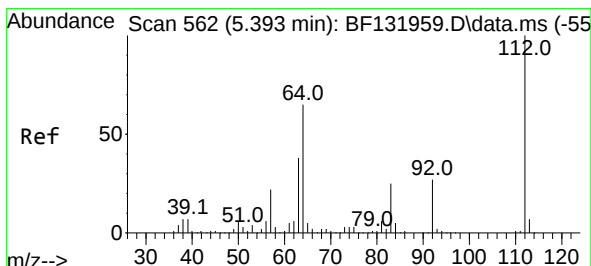
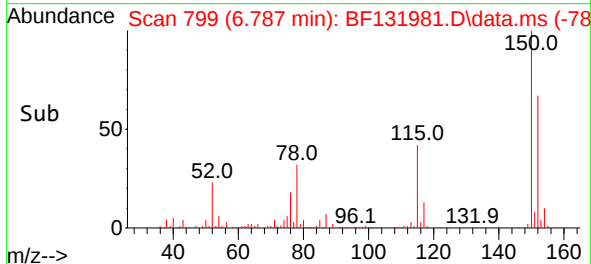
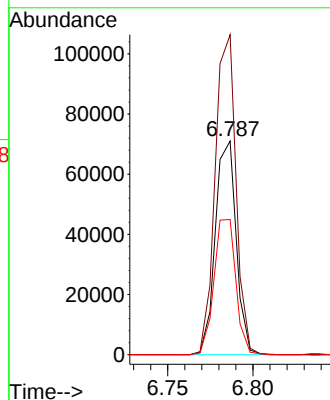
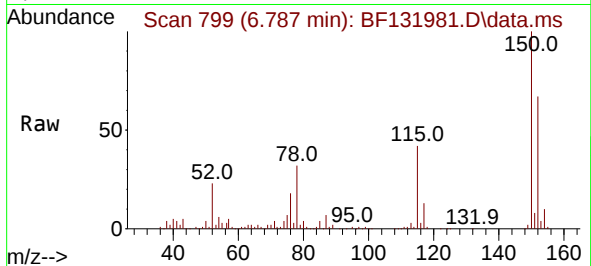




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF131981.D
Acq: 10 Jan 2023 00:44

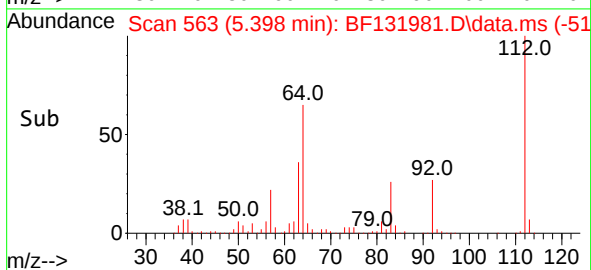
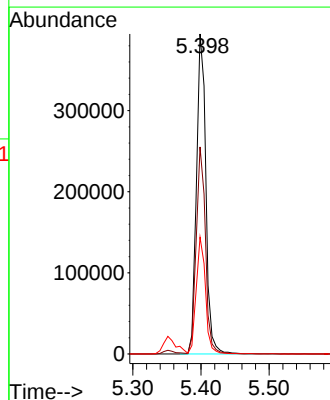
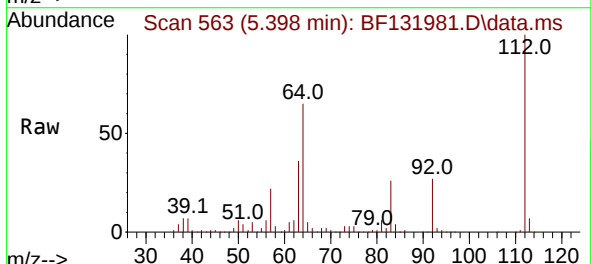
Instrument :
BNA_F
ClientSampleId :
WASTE-COMP

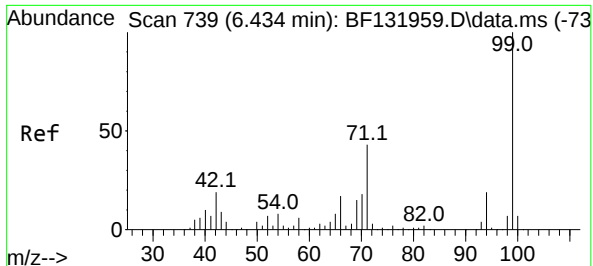
Tgt Ion:152 Resp: 60581
Ion Ratio Lower Upper
152 100
150 149.9 124.6 186.8
115 63.3 55.6 83.4



#5
2-Fluorophenol
Concen: 101.911 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF131981.D
Acq: 10 Jan 2023 00:44

Tgt Ion:112 Resp: 374678
Ion Ratio Lower Upper
112 100
64 64.7 51.9 77.9
63 36.5 30.2 45.2

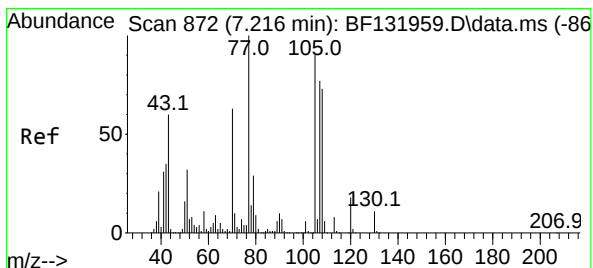
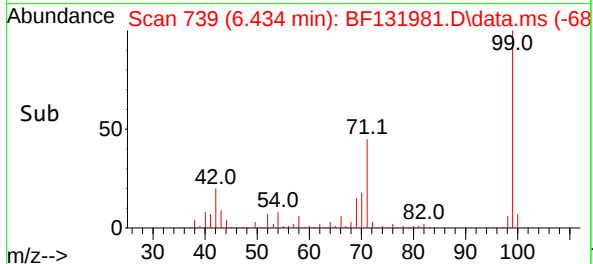
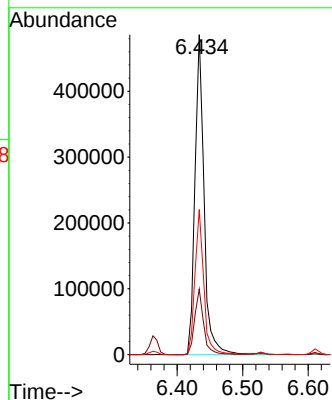
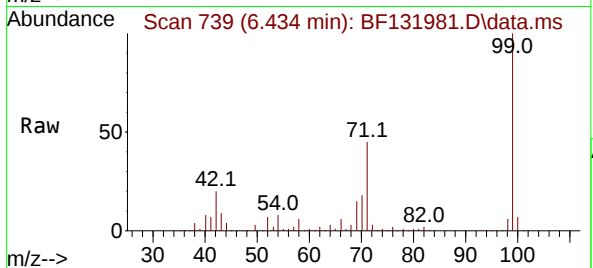




#7
Phenol-d6
Concen: 96.835 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131981.D
Acq: 10 Jan 2023 00:44

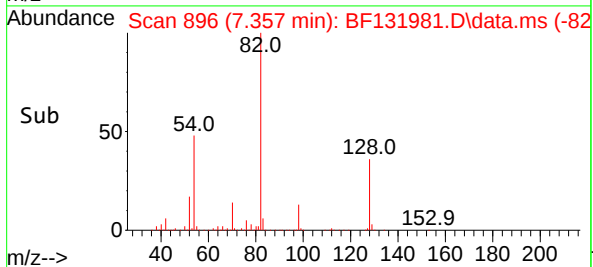
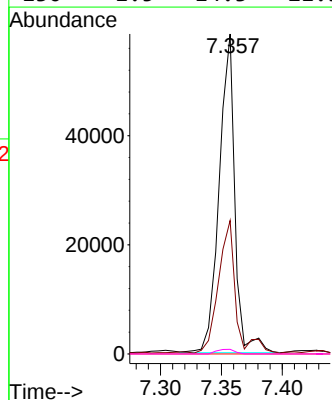
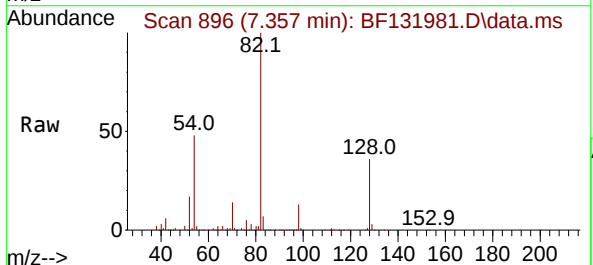
Instrument :
BNA_F
ClientSampleId :
WASTE-COMP

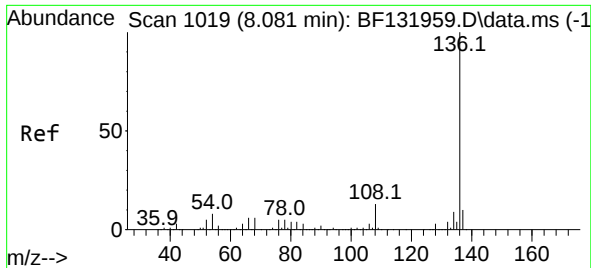
Tgt Ion: 99 Resp: 472035
Ion Ratio Lower Upper
99 100
42 20.5 15.4 23.2
71 45.3 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.833 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF131981.D
Acq: 10 Jan 2023 00:44

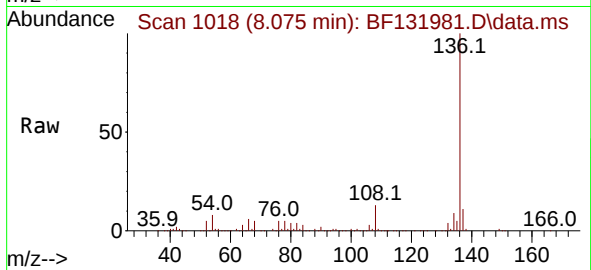
Tgt Ion: 70 Resp: 52305
Ion Ratio Lower Upper
70 100
42 41.7 44.3 66.5#
101 0.0 7.5 11.3#
130 1.5 14.3 21.5#





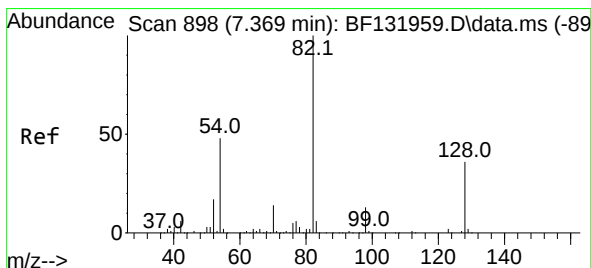
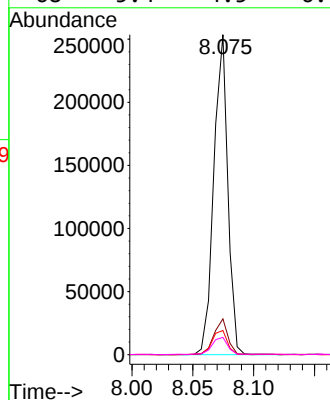
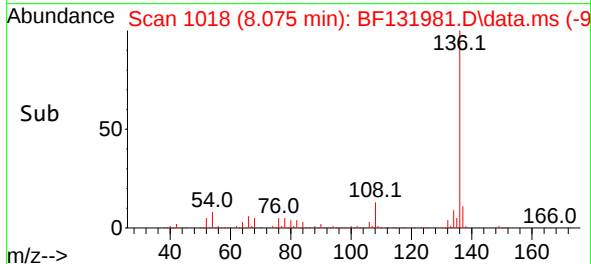
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF131981.D
Acq: 10 Jan 2023 00:44

Instrument :
BNA_F
ClientSampleId :
WASTE-COMP



Tgt Ion:136 Resp: 202388

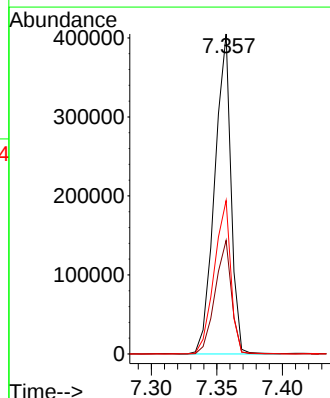
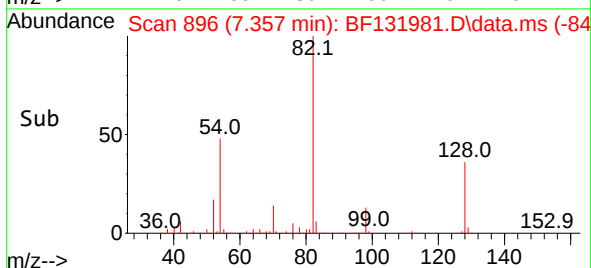
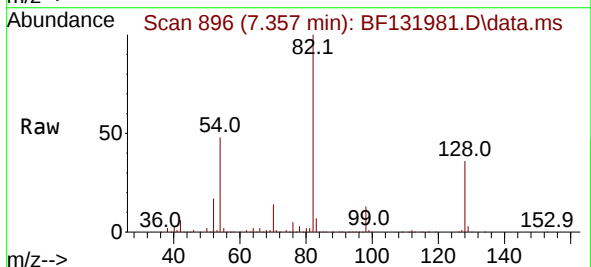
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.2
54	7.6	6.6	9.8
68	5.4	4.5	6.7

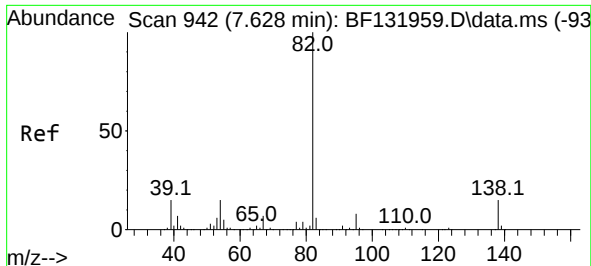


#23
Nitrobenzene-d5
Concen: 71.764 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF131981.D
Acq: 10 Jan 2023 00:44

Tgt Ion: 82 Resp: 349952

Ion	Ratio	Lower	Upper
82	100		
128	35.5	28.7	43.1
54	48.0	38.1	57.1

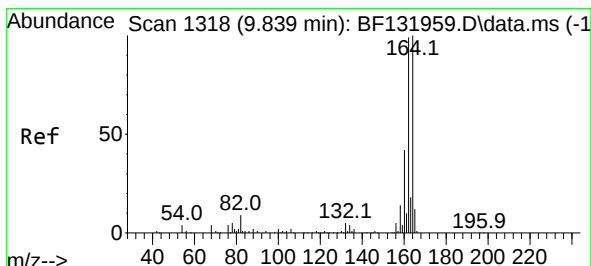
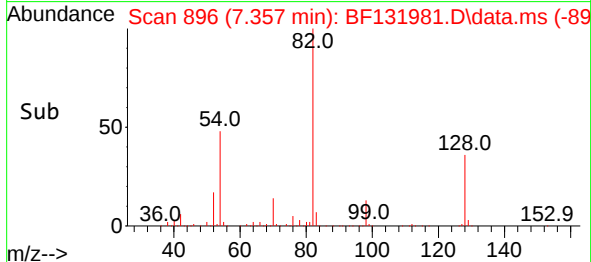
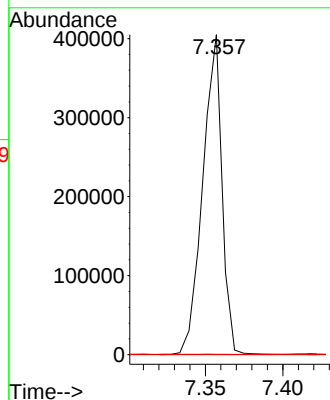
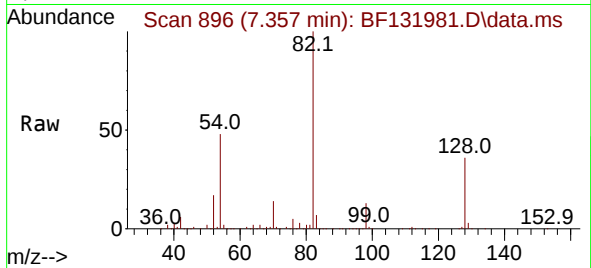




#25
Isophorone
Concen: 38.127 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.271 min
Lab File: BF131981.D
Acq: 10 Jan 2023 00:44

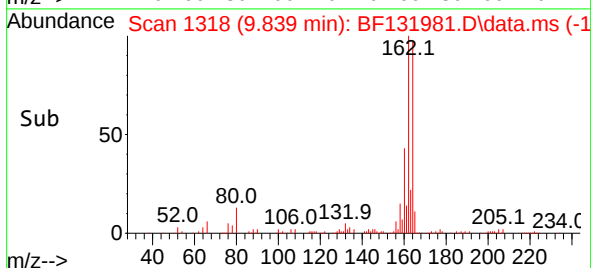
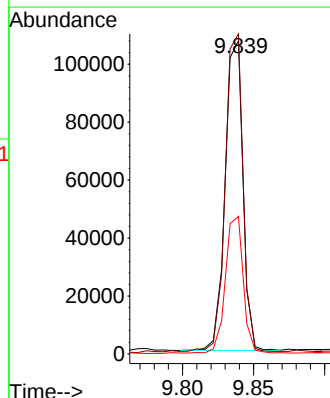
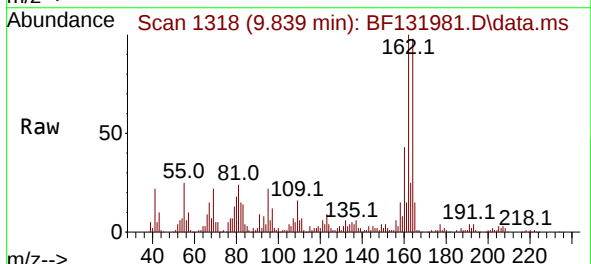
Instrument :
BNA_F
ClientSampleId :
WASTE-COMP

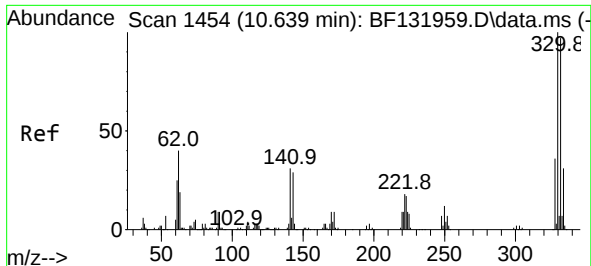
Tgt Ion: 82 Resp: 347331
Ion Ratio Lower Upper
82 100
95 0.1 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF131981.D
Acq: 10 Jan 2023 00:44

Tgt Ion:164 Resp: 93038
Ion Ratio Lower Upper
164 100
162 102.2 79.4 119.0
160 44.0 33.9 50.9

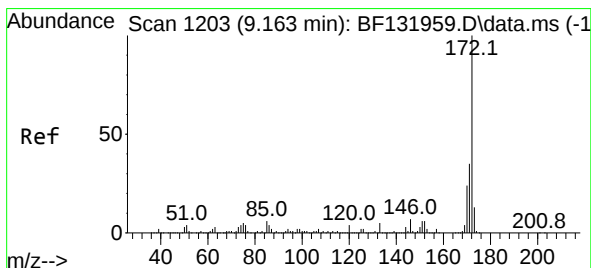
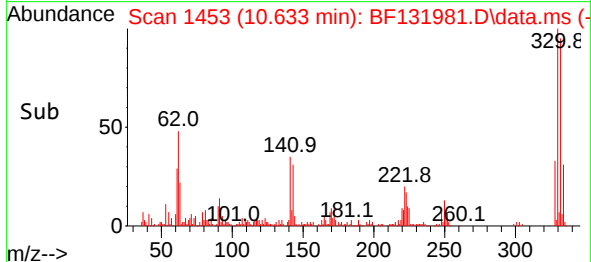
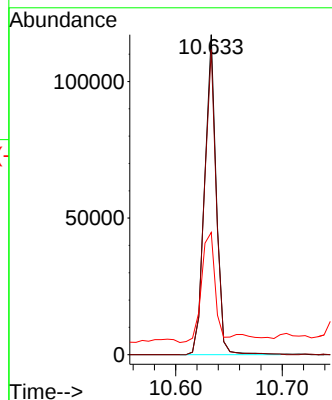
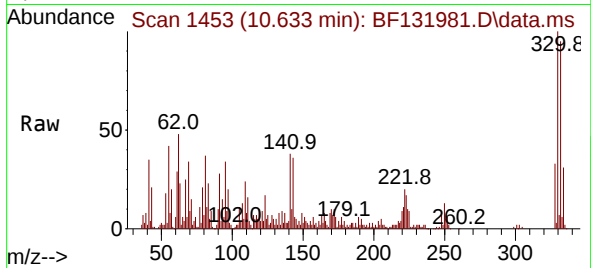




#42
2,4,6-Tribromophenol
Concen: 83.759 ng
RT: 10.633 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF131981.D
Acq: 10 Jan 2023 00:44

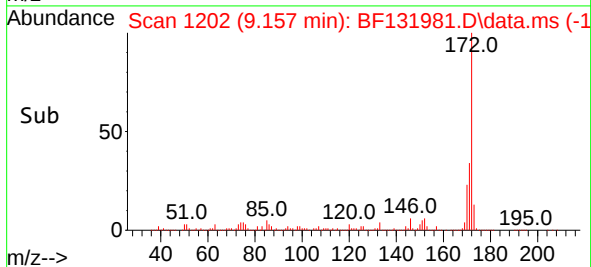
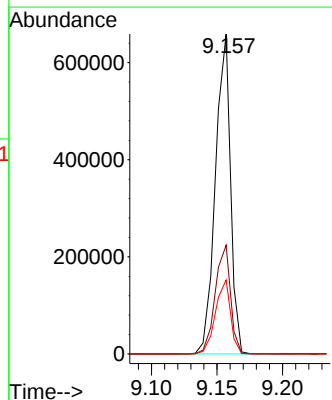
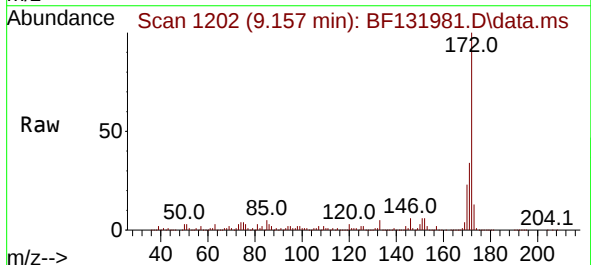
Instrument :
BNA_F
ClientSampleId :
WASTE-COMP

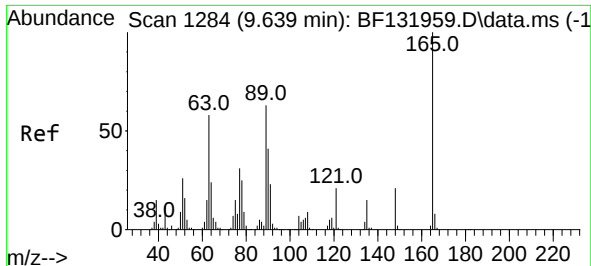
Tgt Ion:330 Resp: 89600
Ion Ratio Lower Upper
330 100
332 97.0 76.9 115.3
141 40.7 31.3 46.9



#45
2-Fluorobiphenyl
Concen: 76.472 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF131981.D
Acq: 10 Jan 2023 00:44

Tgt Ion:172 Resp: 527036
Ion Ratio Lower Upper
172 100
171 34.0 28.0 42.0
170 23.1 18.9 28.3

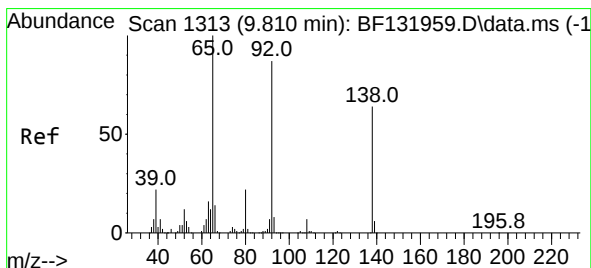
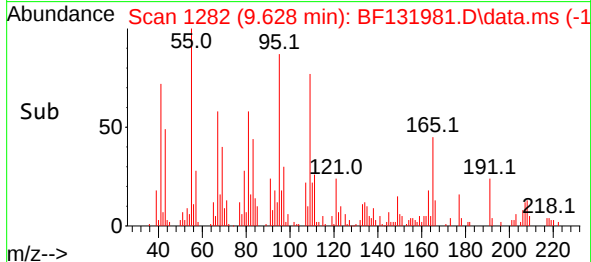
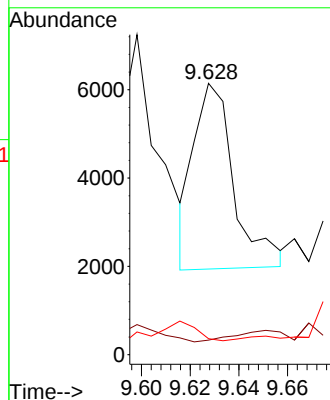
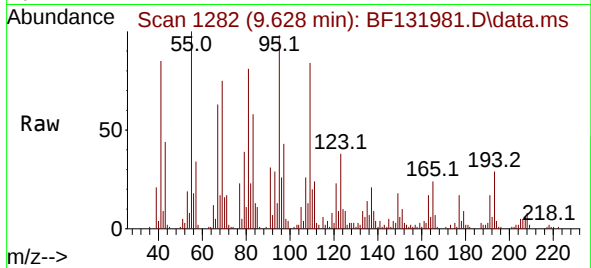




#51
2,6-Dinitrotoluene
Concen: 3.155 ng
RT: 9.628 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF131981.D
Acq: 10 Jan 2023 00:44

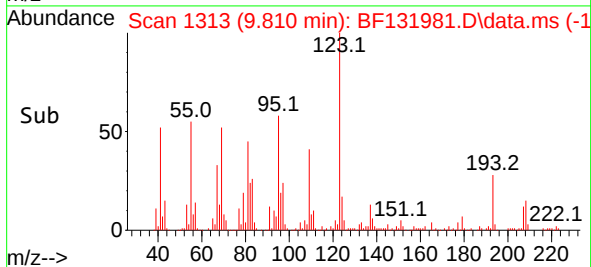
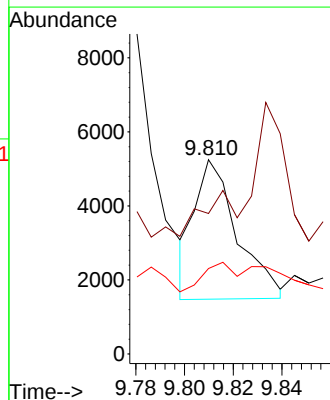
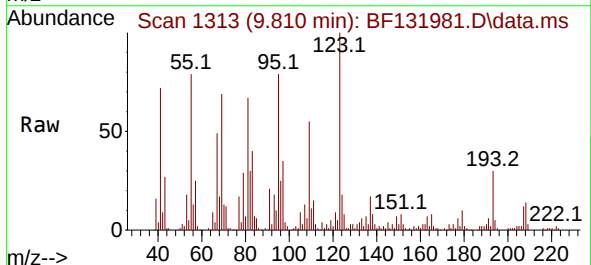
Instrument :
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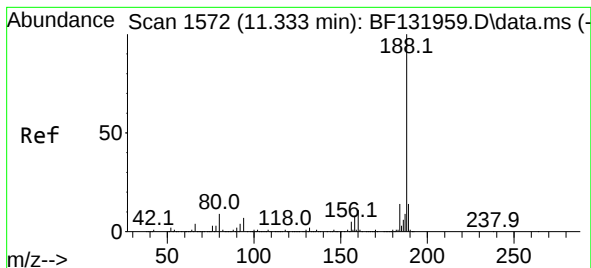
Tgt Ion:165 Resp: 4813
Ion Ratio Lower Upper
165 100
63 5.4 47.4 71.0#
89 5.9 50.2 75.2#



#53
3-Nitroaniline
Concen: 3.106 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF131981.D
Acq: 10 Jan 2023 00:44

Tgt Ion:138 Resp: 4597
Ion Ratio Lower Upper
138 100
108 72.3 8.8 13.2#
92 44.0 108.1 162.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131981.D

Acq: 10 Jan 2023 00:44

Instrument :

BNA_F

ClientSampleId :

WASTE-COMP

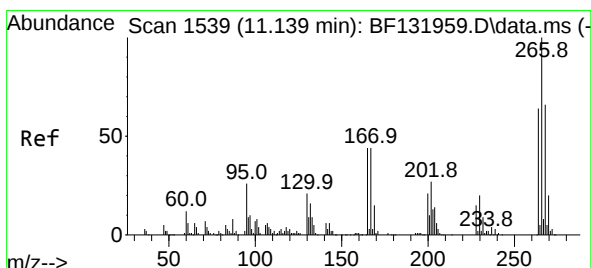
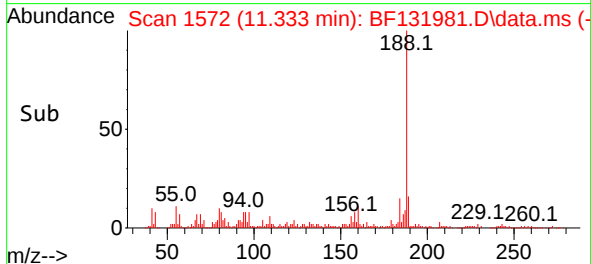
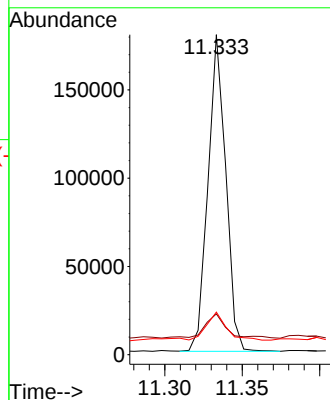
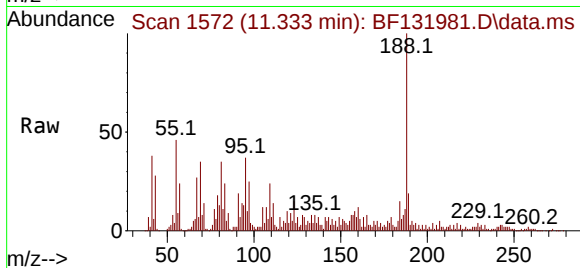
Tgt Ion:188 Resp: 143294

Ion Ratio Lower Upper

188 100

94 12.7 5.8 8.6#

80 13.3 7.4 11.0#



#70

Pentachlorophenol

Concen: 5.557 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.018 min

Lab File: BF131981.D

Acq: 10 Jan 2023 00:44

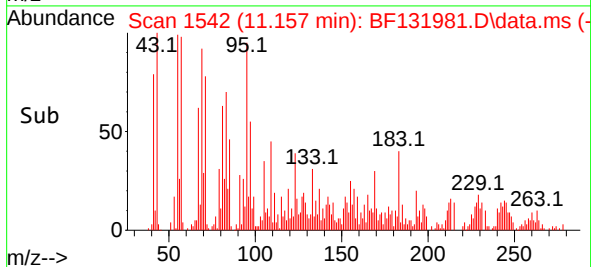
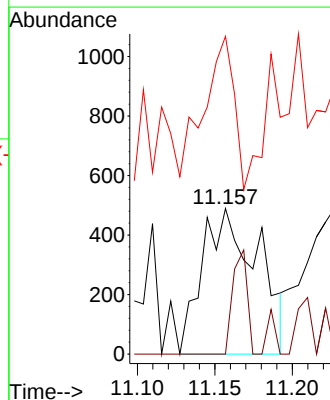
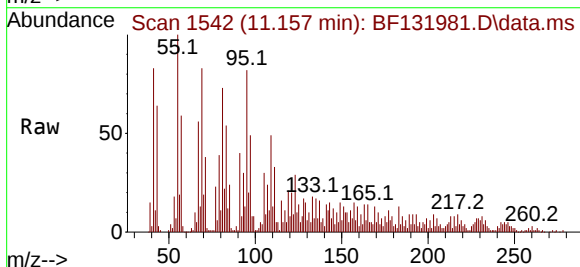
Tgt Ion:266 Resp: 1226

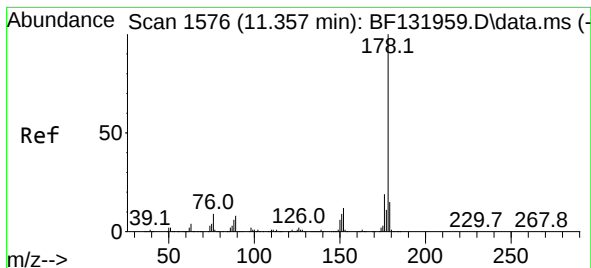
Ion Ratio Lower Upper

266 100

268 0.0 52.7 79.1#

264 218.4 51.6 77.4#





#71

Phenanthrene

Concen: 5.303 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131981.D

Acq: 10 Jan 2023 00:44

Instrument :

BNA_F

ClientSampleId :

WASTE-COMP

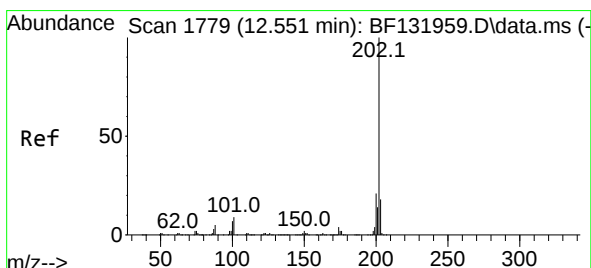
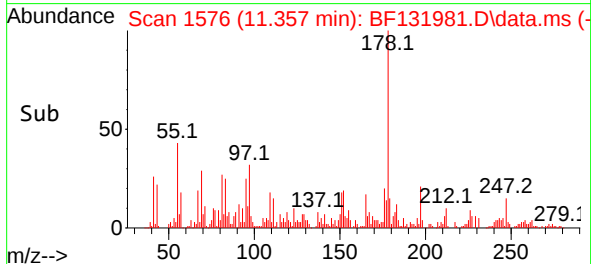
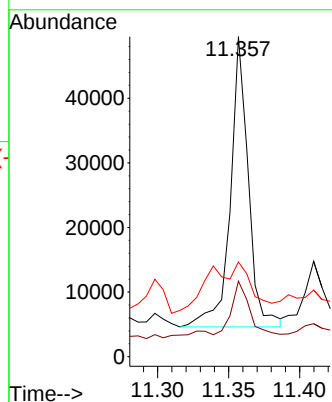
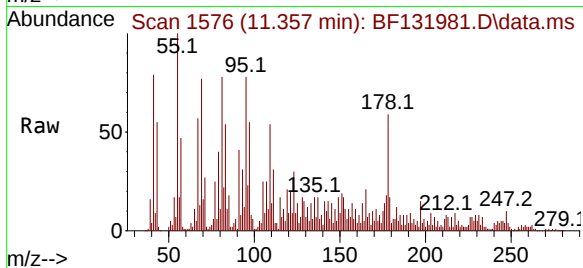
Tgt Ion:178 Resp: 39616

Ion Ratio Lower Upper

178 100

176 23.6 15.5 23.3#

179 29.6 12.4 18.6#



#75

Fluoranthene

Concen: 5.827 ng

RT: 12.563 min Scan# 1781

Delta R.T. 0.012 min

Lab File: BF131981.D

Acq: 10 Jan 2023 00:44

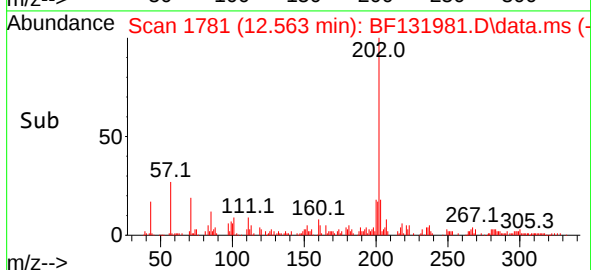
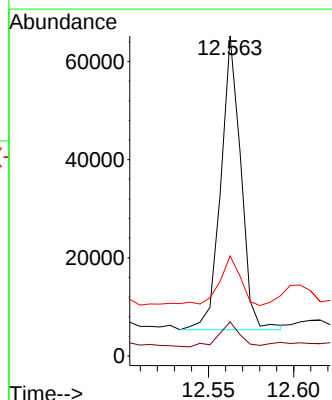
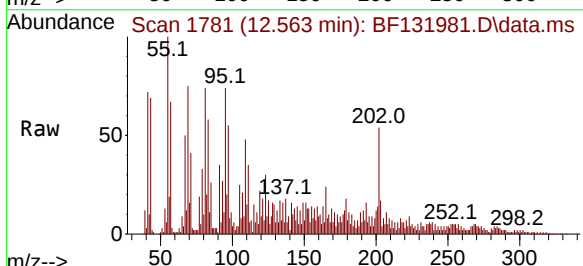
Tgt Ion:202 Resp: 48956

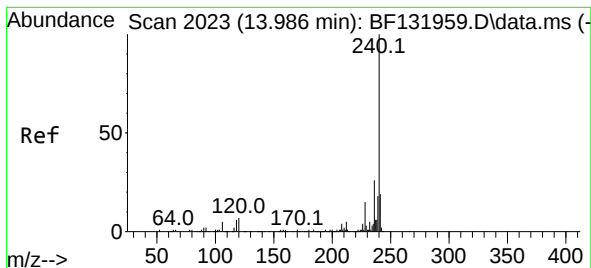
Ion Ratio Lower Upper

202 100

101 10.7 0.0 28.8

203 31.2 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.017 min

Lab File: BF131981.D

Acq: 10 Jan 2023 00:44

Instrument :

BNA_F

ClientSampleId :

WASTE-COMP

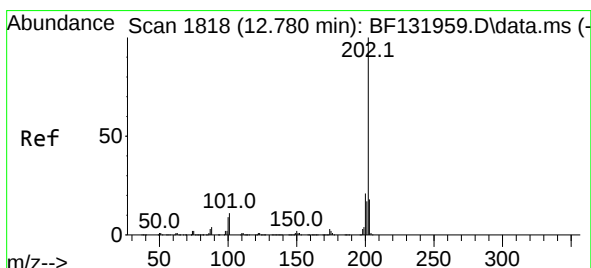
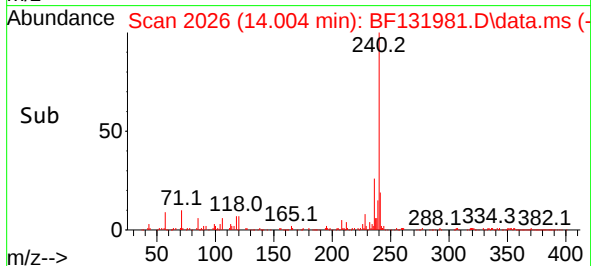
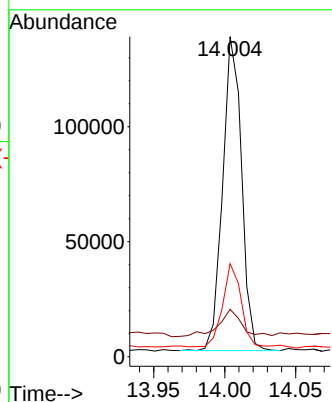
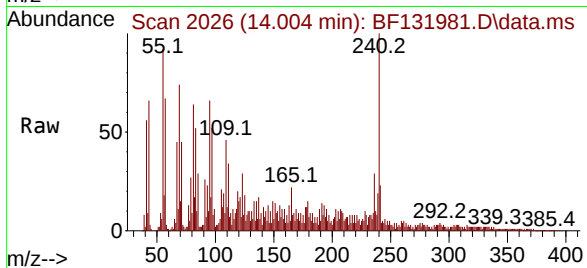
Tgt Ion:240 Resp: 125903

Ion Ratio Lower Upper

240 100

120 14.8 5.4 8.0#

236 29.0 21.1 31.7



#78

Pyrene

Concen: 5.243 ng

RT: 12.792 min Scan# 1820

Delta R.T. 0.012 min

Lab File: BF131981.D

Acq: 10 Jan 2023 00:44

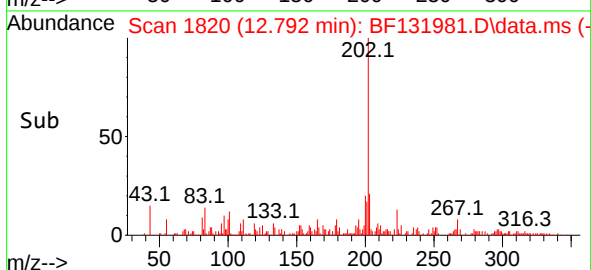
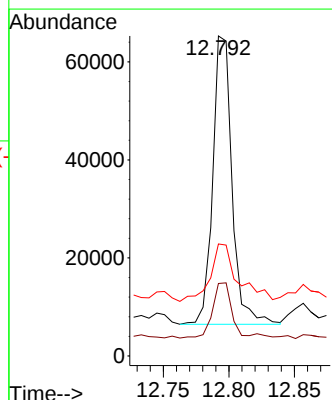
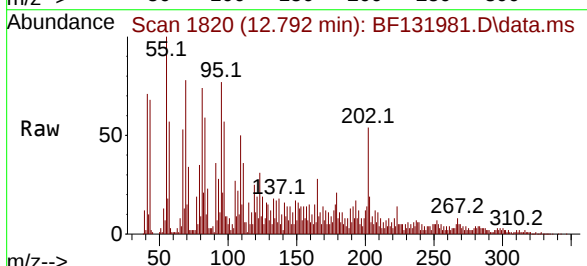
Tgt Ion:202 Resp: 60209

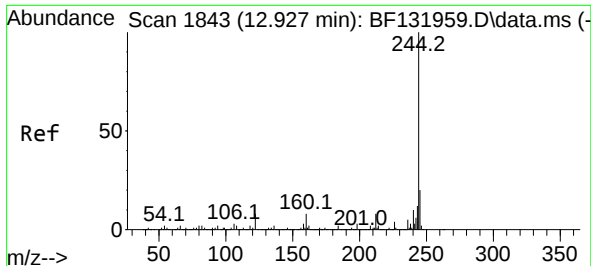
Ion Ratio Lower Upper

202 100

200 22.6 17.0 25.6

203 35.0 14.1 21.1#

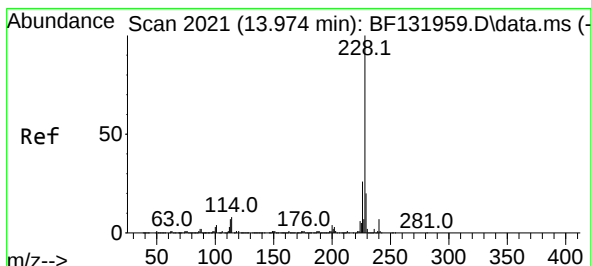
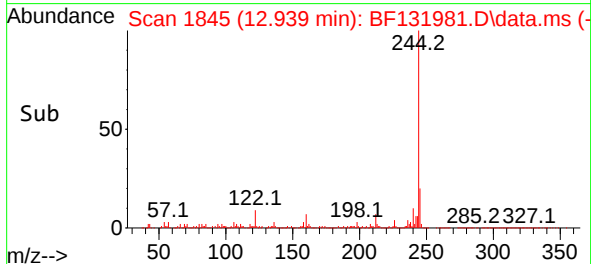
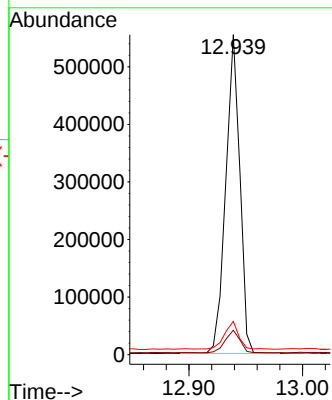
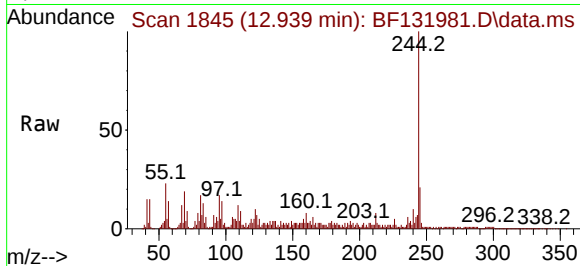




#79
 Terphenyl-d14
 Concen: 54.254 ng
 RT: 12.939 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF131981.D
 Acq: 10 Jan 2023 00:44

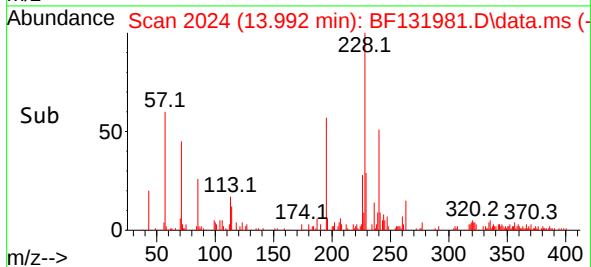
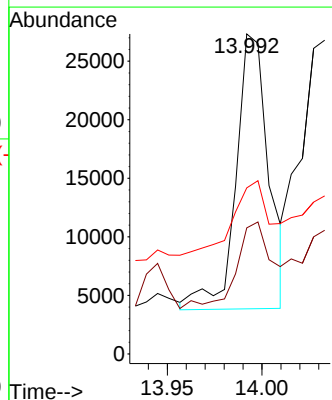
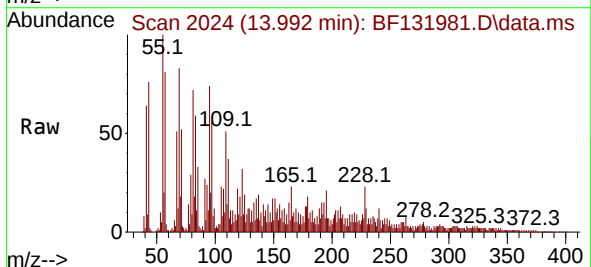
Instrument :
 BNA_F
 ClientSampleId :
 WASTE-COMP

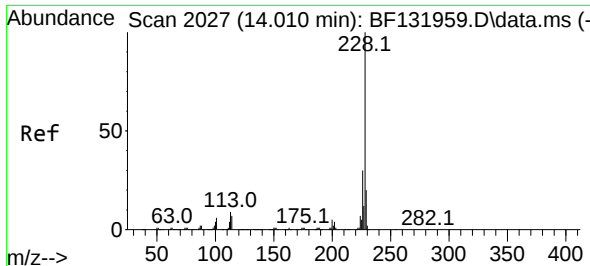
Tgt Ion:244 Resp: 476587
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 10.4 6.8 10.2#



#81
 Benzo(a)anthracene
 Concen: 3.094 ng
 RT: 13.992 min Scan# 2024
 Delta R.T. 0.017 min
 Lab File: BF131981.D
 Acq: 10 Jan 2023 00:44

Tgt Ion:228 Resp: 28336
 Ion Ratio Lower Upper
 228 100
 226 39.4 21.0 31.4#
 229 51.9 15.8 23.6#

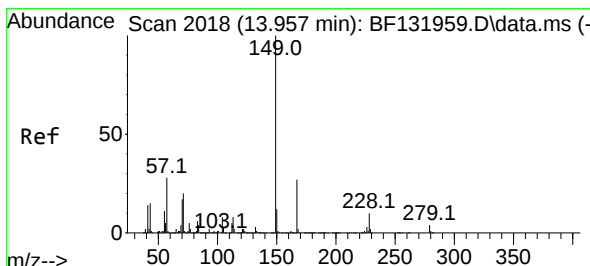
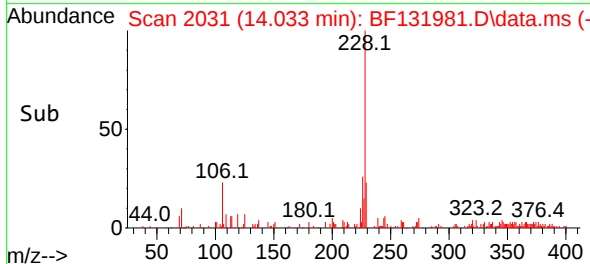
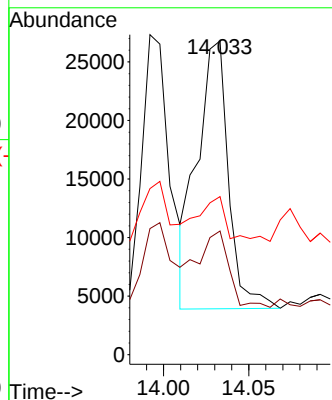
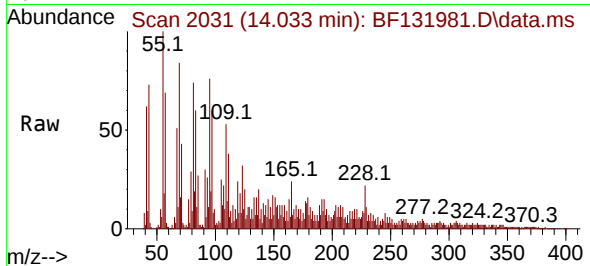




#83
Chrysene
Concen: 3.426 ng
RT: 14.033 min Scan# 2027
Delta R.T. 0.023 min
Lab File: BF131981.D
Acq: 10 Jan 2023 00:44

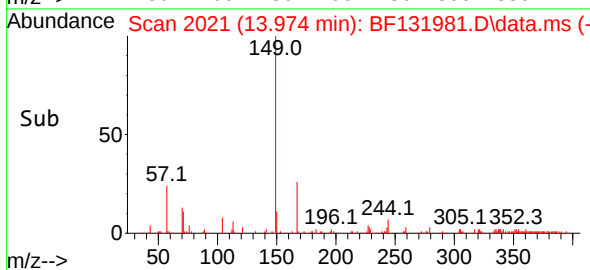
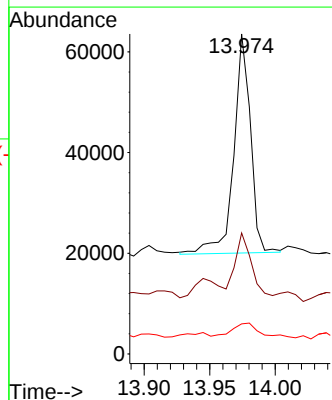
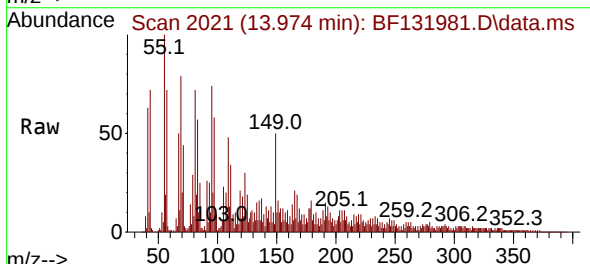
Instrument :
BNA_F
ClientSampleId :
WASTE-COMP

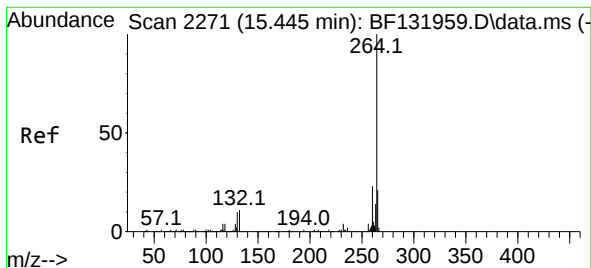
Tgt Ion:228 Resp: 29328
Ion Ratio Lower Upper
228 100
226 39.4 24.0 36.0#
229 50.4 16.2 24.4#



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.155 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.017 min
Lab File: BF131981.D
Acq: 10 Jan 2023 00:44

Tgt Ion:149 Resp: 38649
Ion Ratio Lower Upper
149 100
167 37.8 21.3 31.9#
279 9.4 3.2 4.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF131981.D

Acq: 10 Jan 2023 00:44

Instrument :

BNA_F

ClientSampleId :

WASTE-COMP

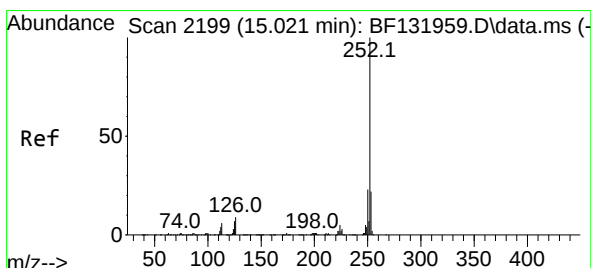
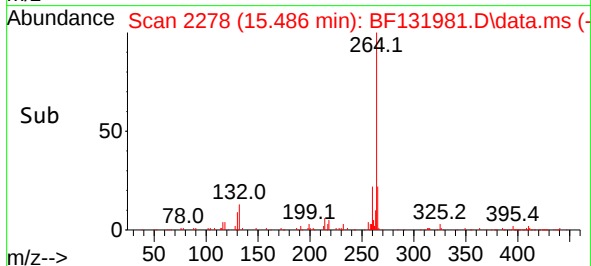
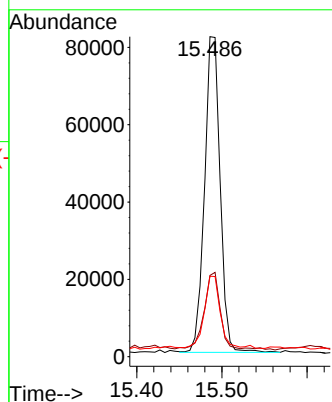
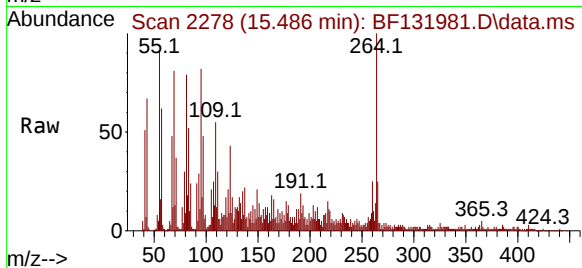
Tgt Ion:264 Resp: 104098

Ion Ratio Lower Upper

264 100

260 25.4 18.3 27.5

265 25.1 16.9 25.3



#88

Benzo(b)fluoranthene

Concen: 5.721 ng

RT: 15.057 min Scan# 2205

Delta R.T. 0.035 min

Lab File: BF131981.D

Acq: 10 Jan 2023 00:44

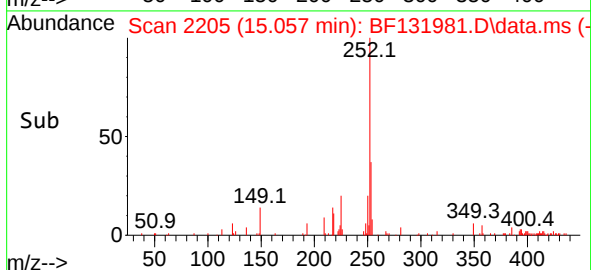
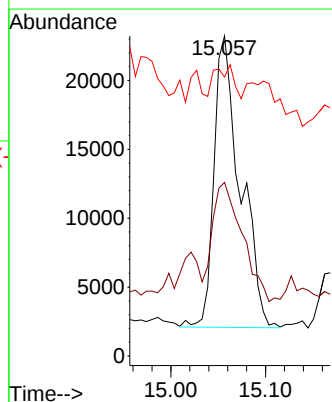
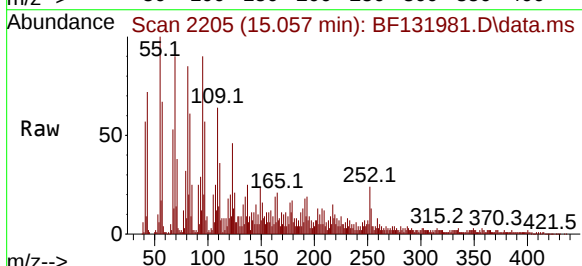
Tgt Ion:252 Resp: 40847

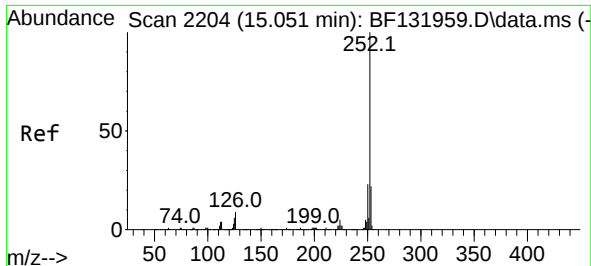
Ion Ratio Lower Upper

252 100

253 54.3 18.0 27.0#

125 87.2 5.8 8.6#





#89

Benzo(k)fluoranthene

Concen: 5.732 ng

RT: 15.057 min Scan# 2204

Delta R.T. 0.006 min

Lab File: BF131981.D

Acq: 10 Jan 2023 00:44

Instrument :

BNF_F

ClientSampleId :

WASTE-COMP

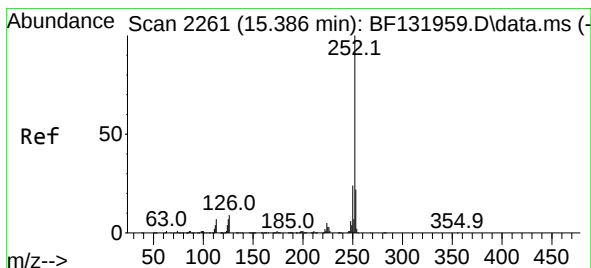
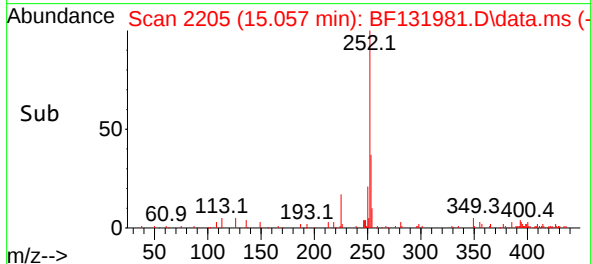
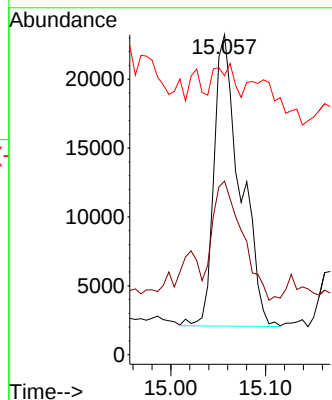
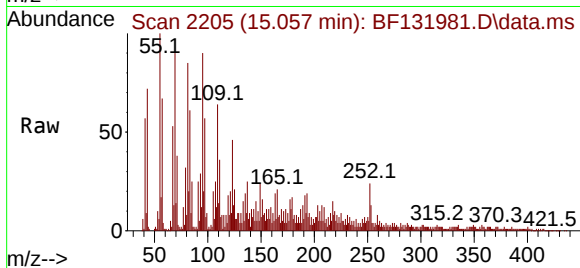
Tgt Ion:252 Resp: 40847

Ion Ratio Lower Upper

252 100

253 54.3 17.8 26.6#

125 87.2 5.2 7.8#



#90

Benzo(a)pyrene

Concen: 2.949 ng

RT: 15.421 min Scan# 2267

Delta R.T. 0.035 min

Lab File: BF131981.D

Acq: 10 Jan 2023 00:44

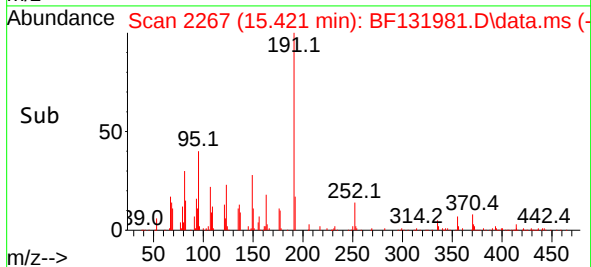
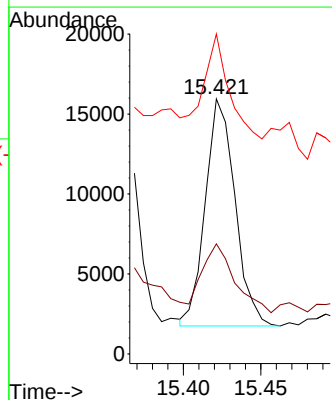
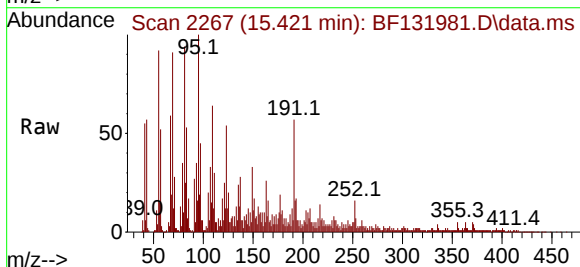
Tgt Ion:252 Resp: 18973

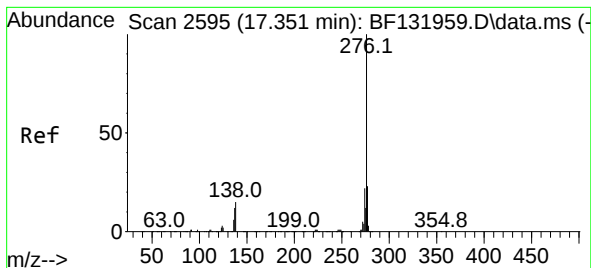
Ion Ratio Lower Upper

252 100

253 43.1 17.4 26.0#

125 125.5 5.7 8.5#





#92

Benzo(g,h,i)perylene

Concen: 5.371 ng

RT: 17.392 min Scan# 20

Delta R.T. 0.041 min

Lab File: BF131981.D

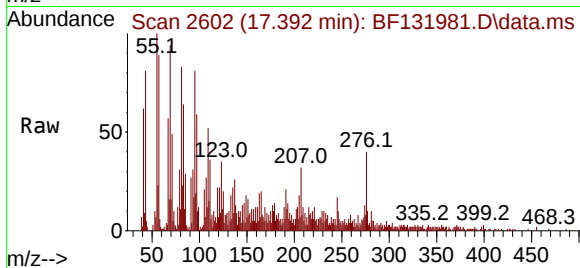
Acq: 10 Jan 2023 00:44

Instrument :

BNA_F

ClientSampleId :

WASTE-COMP



Tgt Ion:276 Resp: 11419

Ion Ratio Lower Upper

276 100

277 25.6 18.2 27.2

138 32.3 11.7 17.5#

