

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
 Data File : BF130981.D
 Acq On : 04 Nov 2022 02:40
 Operator : CG\JU
 Sample : N5397-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ALBANY-STREET

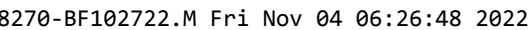
Quant Time: Nov 04 06:26:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

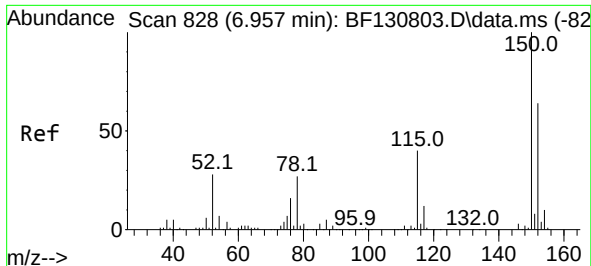
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	75666	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	251275	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	126588	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	250953	20.000	ng	0.00
76) Chrysene-d12	14.110	240	176630	20.000	ng	0.00
86) Perylene-d12	15.621	264	120007	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	389120	89.153	ng	0.00
7) Phenol-d6	6.540	99	455182	80.253	ng	0.00
23) Nitrobenzene-d5	7.481	82	282010	67.674	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	116709	109.523	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	467038	55.780	ng	0.00
79) Terphenyl-d14	13.051	244	571809	59.323	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	38352	9.938	ng	# 77
25) Isophorone	7.481	82	282007	32.817	ng	# 66
32) Benzoic acid	7.916	122	68	7.702	ng	# 83
48) 2-Nitroaniline	9.586	65	150	4.206	ng	# 12
51) 2,6-Dinitrotoluene	9.963	165	16081	11.953	ng	# 15
57) 2,4-Dinitrotoluene	9.963	165	16081	10.852	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.751	198	265	8.139	ng	95
67) 4-Bromophenyl-phenylether	10.757	248	7176	2.843	ng	# 1
71) Phenanthrene	11.480	178	95243	7.353	ng	99
72) Anthracene	11.533	178	29798	2.332	ng	98
75) Fluoranthene	12.674	202	287788	20.912	ng	100
78) Pyrene	12.910	202	277422	18.617	ng	98
81) Benzo(a)anthracene	14.098	228	132104	11.281	ng	95
83) Chrysene	14.133	228	115294	10.207	ng	98
87) Indeno(1,2,3-cd)pyrene	17.157	276	53036	6.655	ng	95
88) Benzo(b)fluoranthene	15.174	252	168600	21.733	ng	# 96
89) Benzo(k)fluoranthene	15.174	252	168600	22.304	ng	97
90) Benzo(a)pyrene	15.557	252	82596	13.245	ng	94
91) Dibenzo(a,h)anthracene	17.168	278	14072	2.166	ng	# 68
92) Benzo(g,h,i)perylene	17.627	276	53678	8.099	ng	# 94

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

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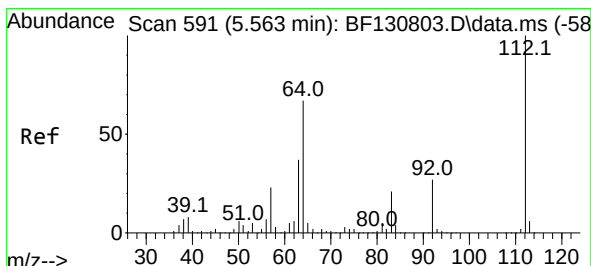
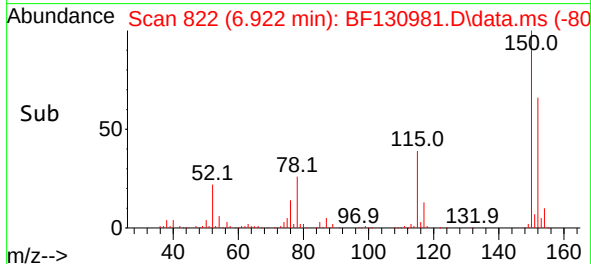
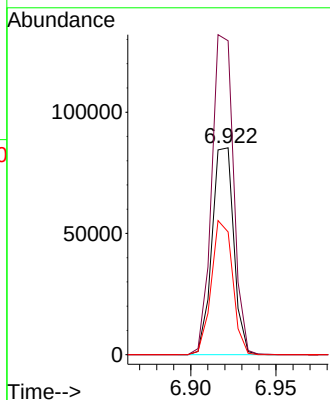
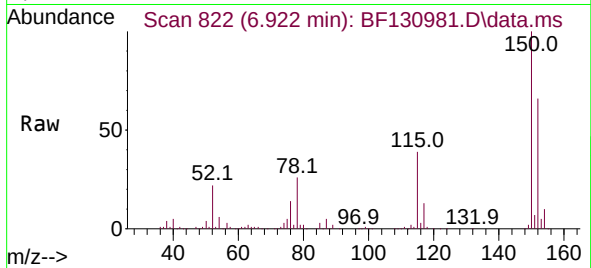




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF130981.D
Acq: 04 Nov 2022 02:40

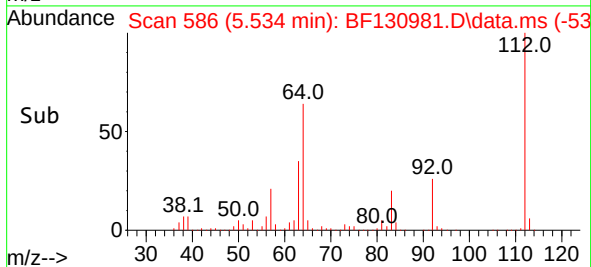
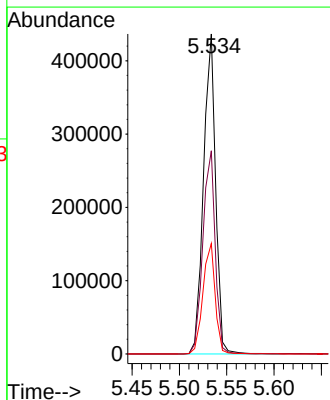
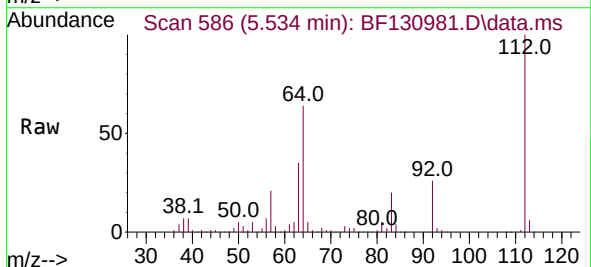
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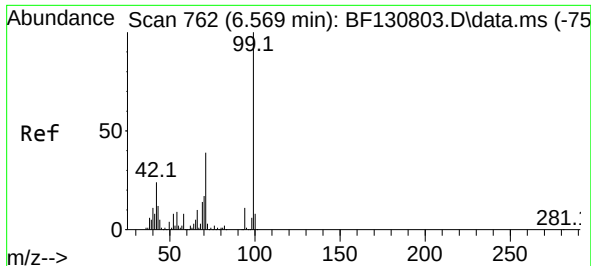
Tgt Ion:152 Resp: 75666
Ion Ratio Lower Upper
152 100
150 151.7 124.1 186.1
115 59.3 50.1 75.1



#5
2-Fluorophenol
Concen: 89.153 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF130981.D
Acq: 04 Nov 2022 02:40

Tgt Ion:112 Resp: 389120
Ion Ratio Lower Upper
112 100
64 63.5 53.9 80.9
63 34.5 29.4 44.2

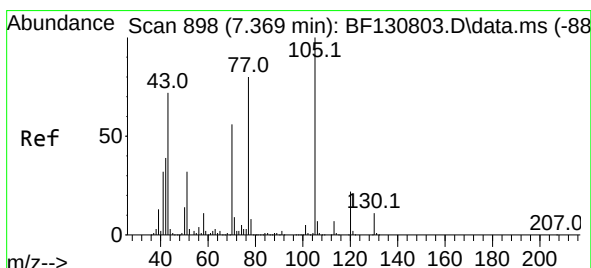
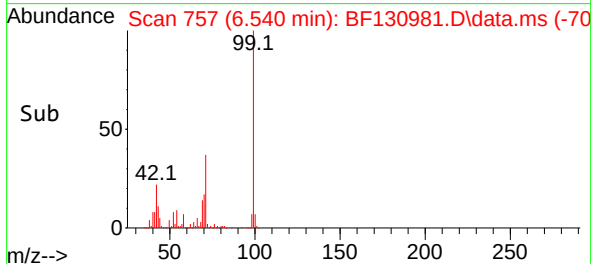
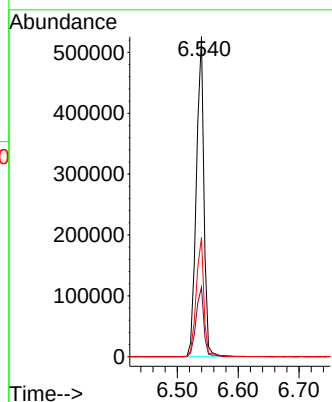
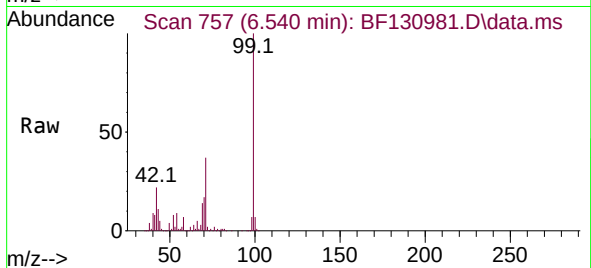




#7
Phenol-d6
Concen: 80.253 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130981.D
Acq: 04 Nov 2022 02:40

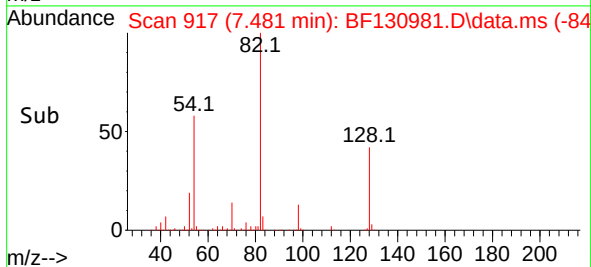
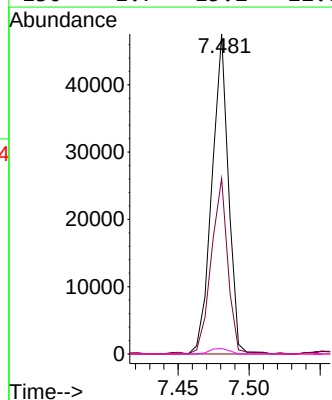
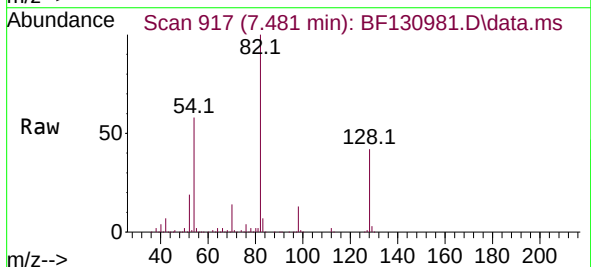
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ClientSampleId :
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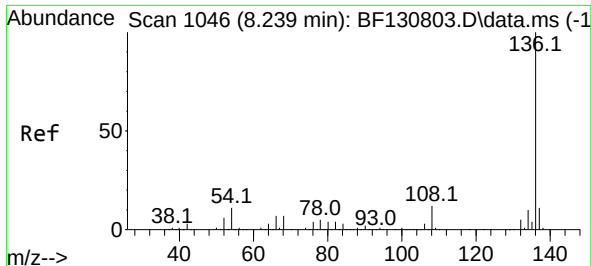
Tgt Ion: 99 Resp: 455182
Ion Ratio Lower Upper
99 100
42 21.7 18.8 28.2
71 37.2 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 9.938 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.153 min
Lab File: BF130981.D
Acq: 04 Nov 2022 02:40

Tgt Ion: 70 Resp: 38352
Ion Ratio Lower Upper
70 100
42 54.8 56.1 84.1#
101 0.0 7.3 10.9#
130 1.7 15.2 22.8#

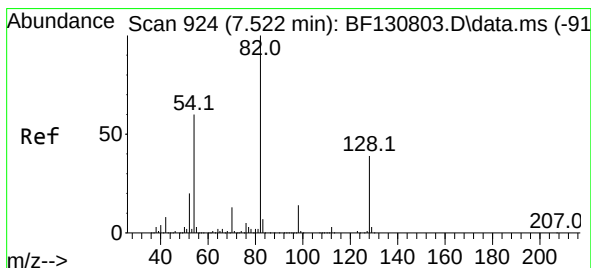
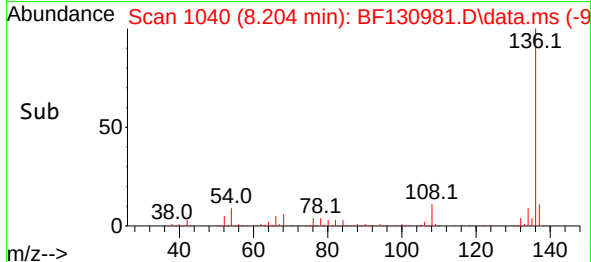
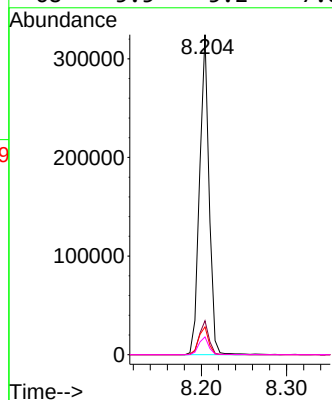
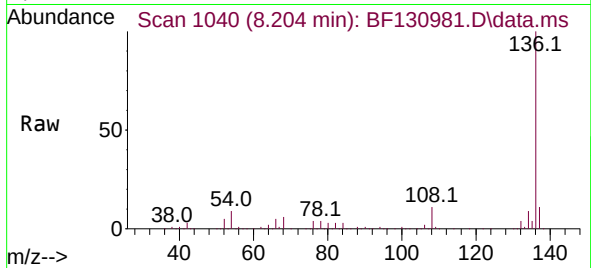




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF130981.D
Acq: 04 Nov 2022 02:40

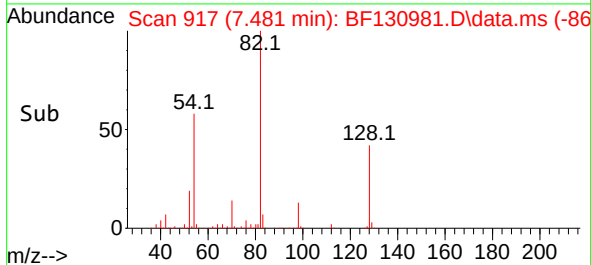
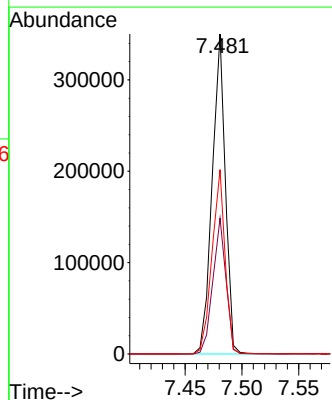
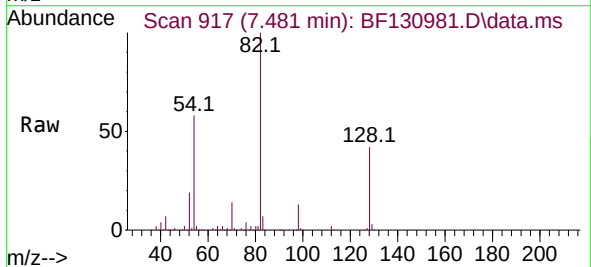
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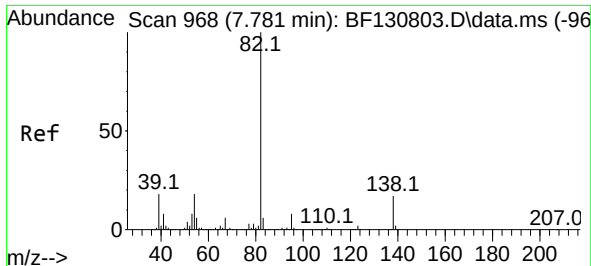
Tgt Ion:136 Resp: 251275
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 8.7 8.8 13.2#
68 5.5 5.2 7.8



#23
Nitrobenzene-d5
Concen: 67.674 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF130981.D
Acq: 04 Nov 2022 02:40

Tgt Ion: 82 Resp: 282010
Ion Ratio Lower Upper
82 100
128 42.4 31.2 46.8
54 57.6 48.0 72.0

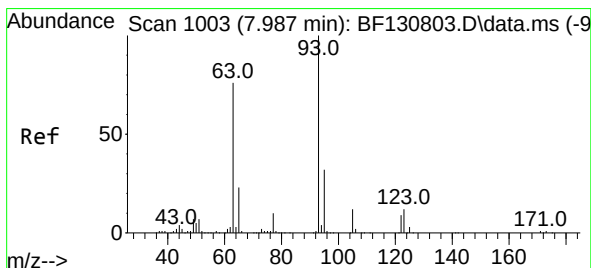
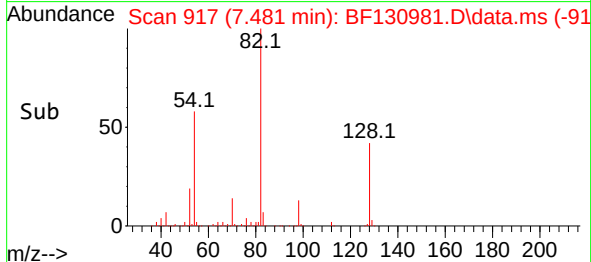
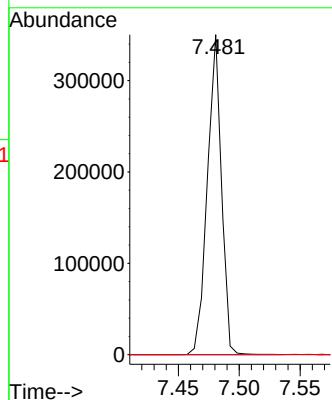
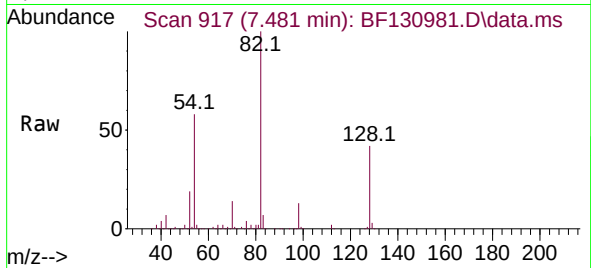




#25
Isophorone
Concen: 32.817 ng
RT: 7.481 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF130981.D
Acq: 04 Nov 2022 02:40

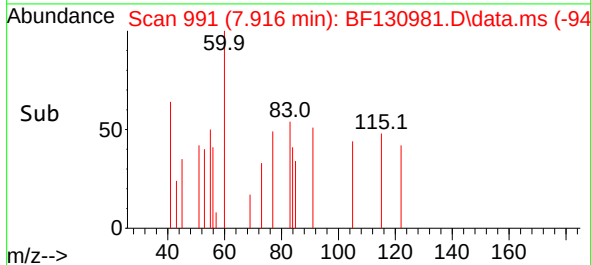
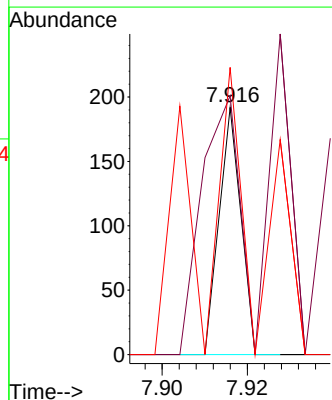
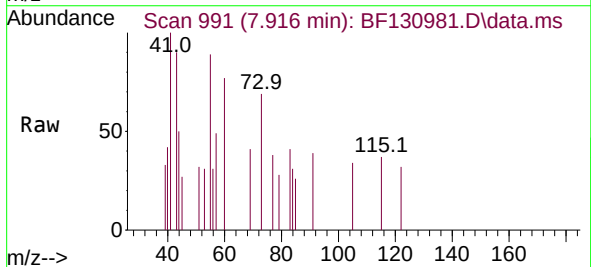
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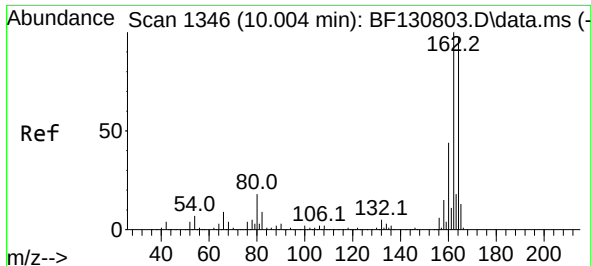
Tgt Ion: 82 Resp: 282007
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.702 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.047 min
Lab File: BF130981.D
Acq: 04 Nov 2022 02:40

Tgt Ion: 122 Resp: 68
Ion Ratio Lower Upper
122 100
105 104.7 114.5 154.5#
77 116.1 89.8 129.8

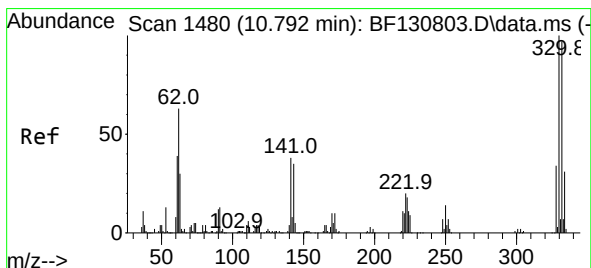
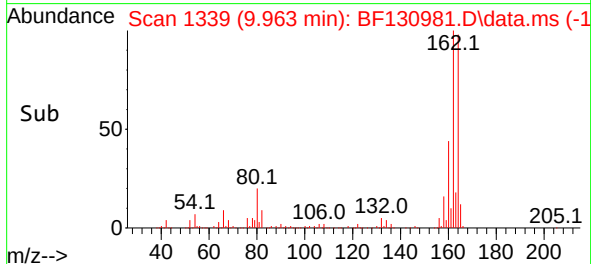
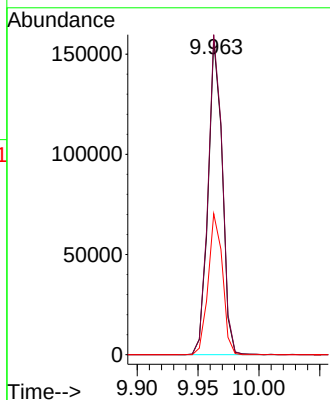
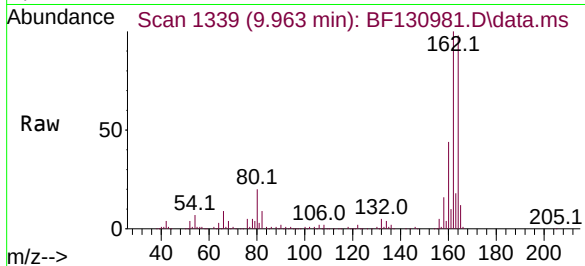




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130981.D
Acq: 04 Nov 2022 02:40

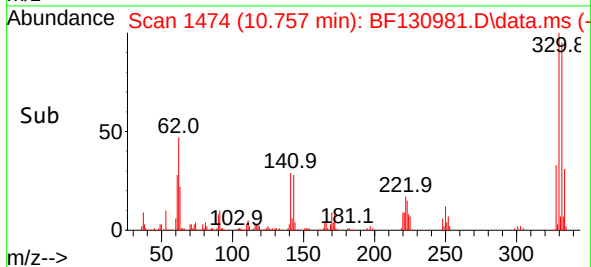
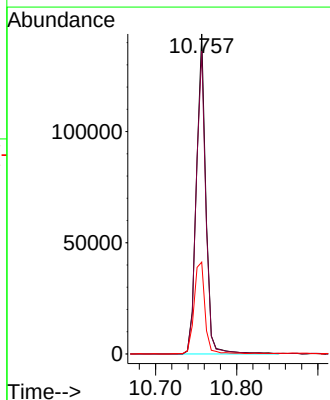
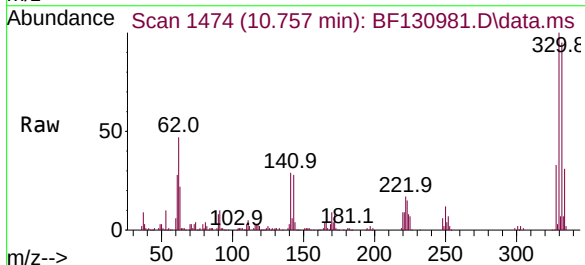
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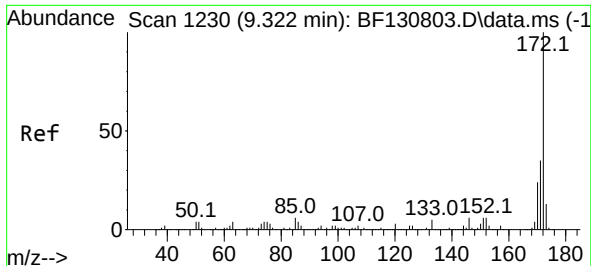
Tgt Ion:164 Resp: 126588
Ion Ratio Lower Upper
164 100
162 101.6 82.2 123.2
160 44.7 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 109.523 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF130981.D
Acq: 04 Nov 2022 02:40

Tgt Ion:330 Resp: 116709
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 33.6 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 55.780 ng

RT: 9.281 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130981.D

Acq: 04 Nov 2022 02:40

Instrument :

BNA_F

ClientSampleId :

ALBANY-STREET

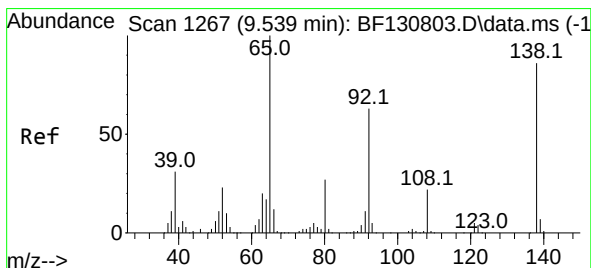
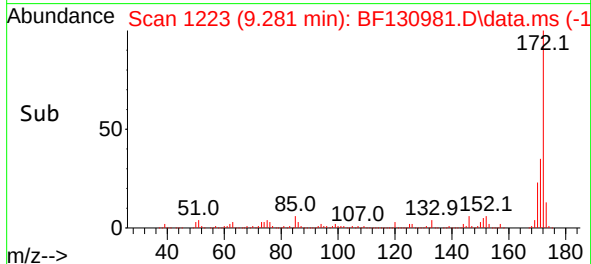
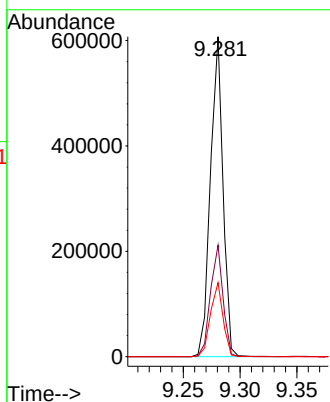
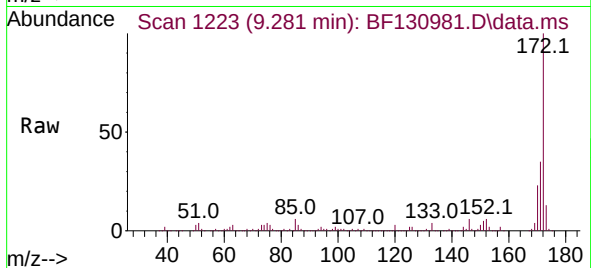
Tgt Ion:172 Resp: 467038

Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 23.2 19.0 28.4



#48

2-Nitroaniline

Concen: 4.206 ng

RT: 9.586 min Scan# 1275

Delta R.T. 0.082 min

Lab File: BF130981.D

Acq: 04 Nov 2022 02:40

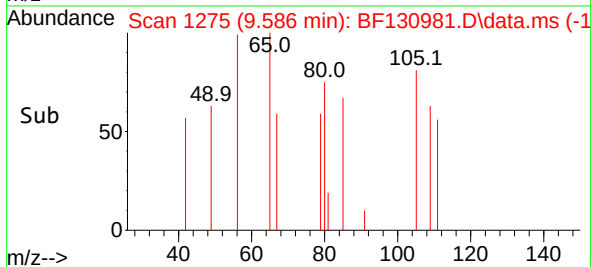
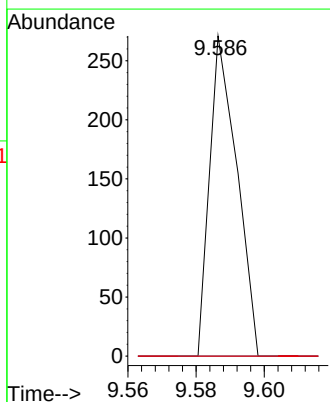
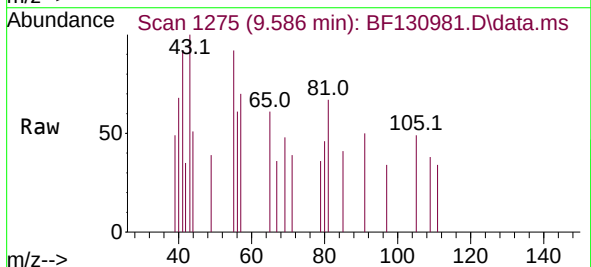
Tgt Ion: 65 Resp: 150

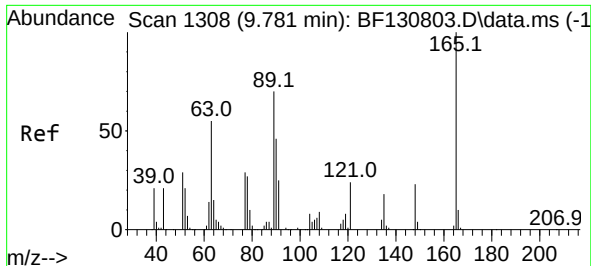
Ion Ratio Lower Upper

65 100

92 0.0 50.1 75.1#

138 0.0 69.2 103.8#

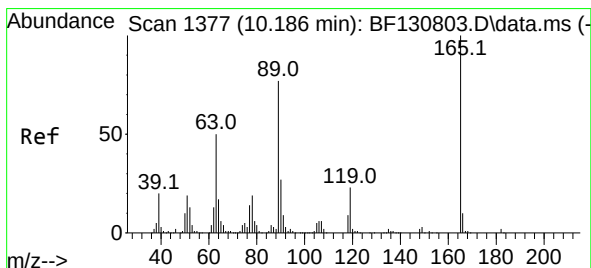
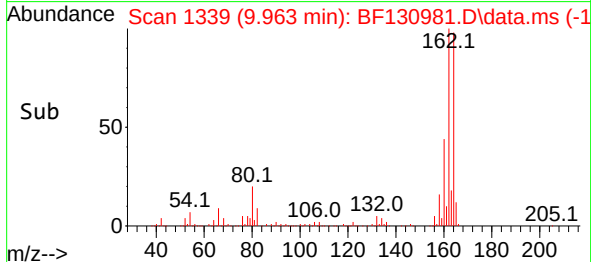
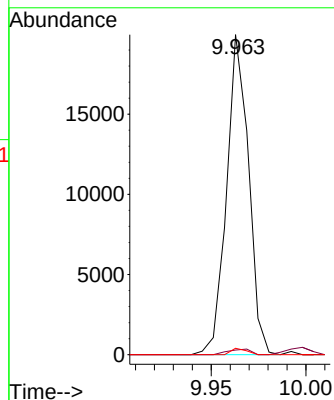
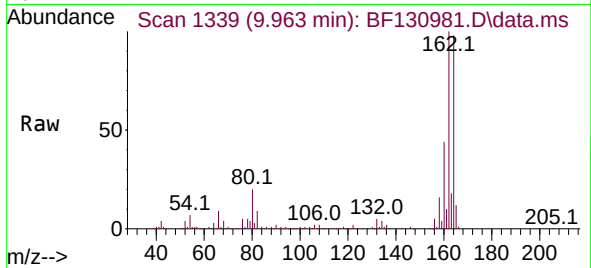




#51
2,6-Dinitrotoluene
Concen: 11.953 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF130981.D
Acq: 04 Nov 2022 02:40

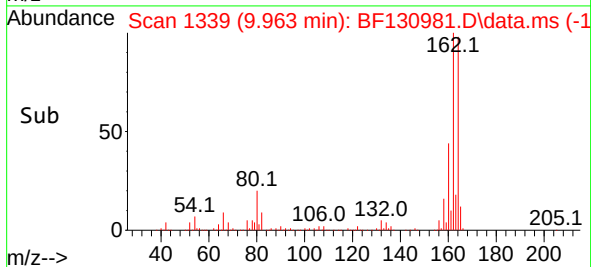
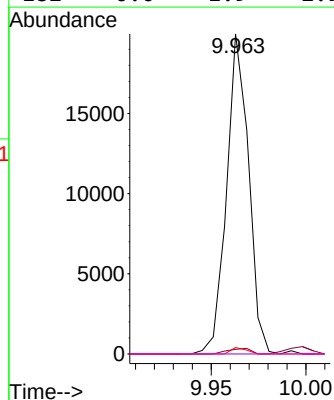
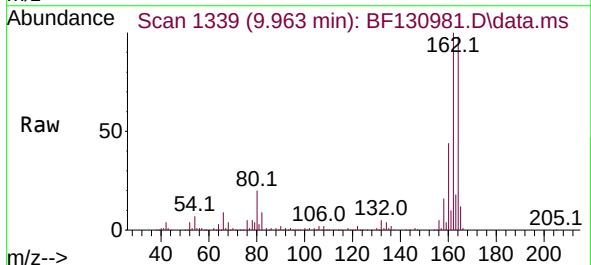
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ClientSampleId :
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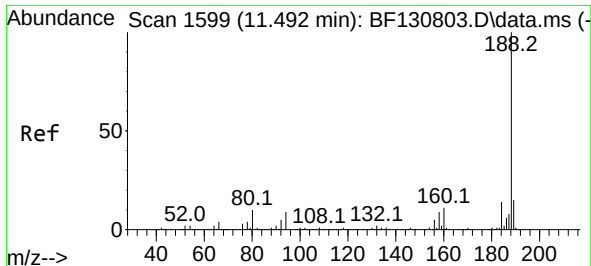
Tgt Ion:165 Resp: 16081
Ion Ratio Lower Upper
165 100
63 1.4 61.8 92.8#
89 2.0 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 10.852 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF130981.D
Acq: 04 Nov 2022 02:40

Tgt Ion:165 Resp: 16081
Ion Ratio Lower Upper
165 100
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89 2.0 61.9 92.9#
182 0.0 1.9 2.9#

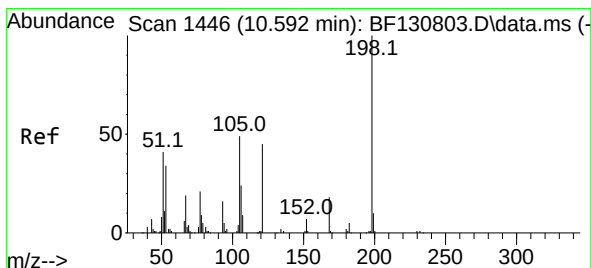
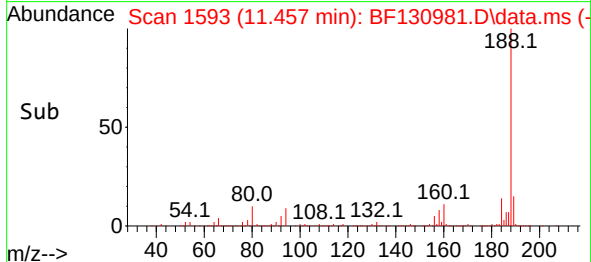
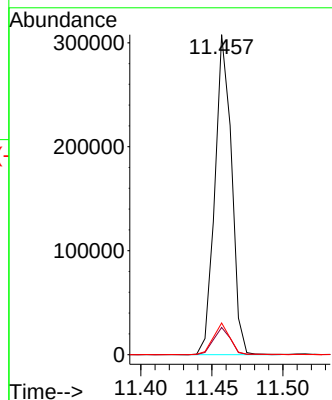
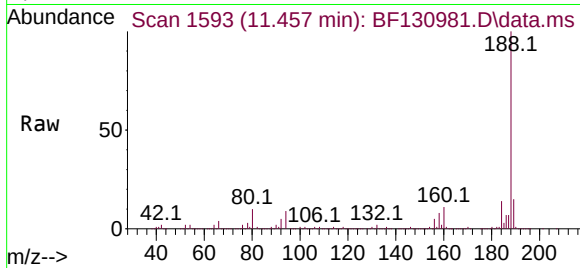




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF130981.D
Acq: 04 Nov 2022 02:40

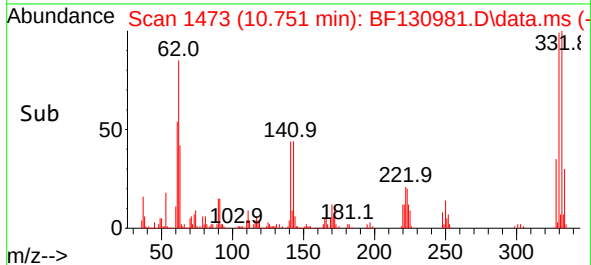
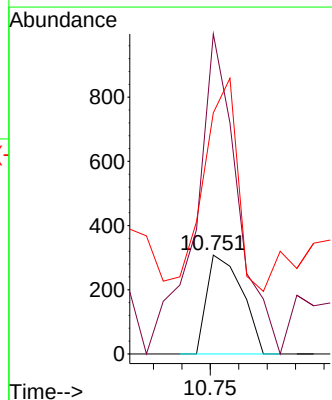
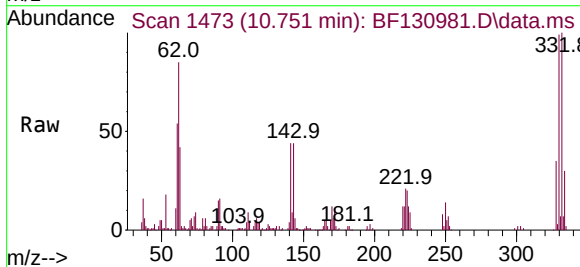
Instrument :
BNA_F
ClientSampleId :
ALBANY-STREET

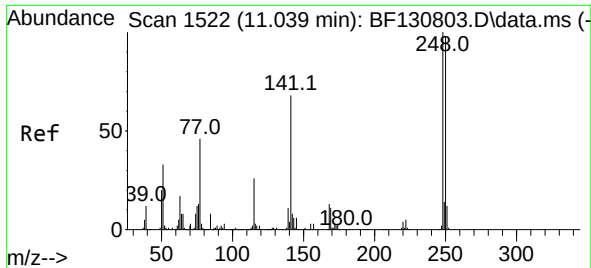
Tgt Ion:188 Resp: 250953
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.9 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.139 ng
RT: 10.751 min Scan# 1473
Delta R.T. 0.188 min
Lab File: BF130981.D
Acq: 04 Nov 2022 02:40

Tgt Ion:198 Resp: 265
Ion Ratio Lower Upper
198 100
51 65.0 39.0 79.0
105 49.0 30.6 70.6

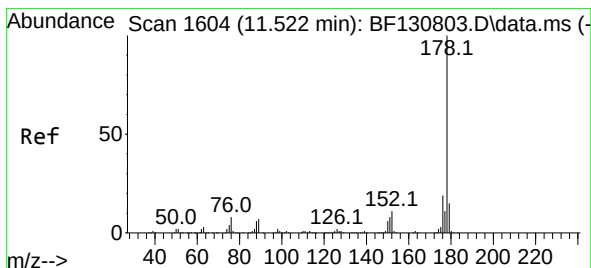
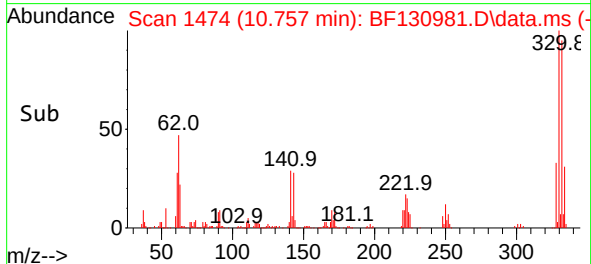
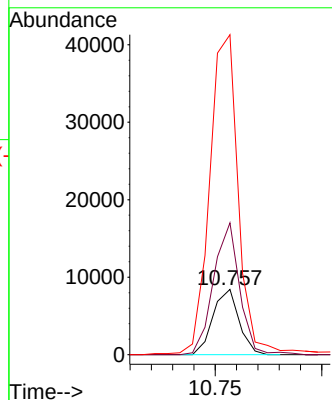
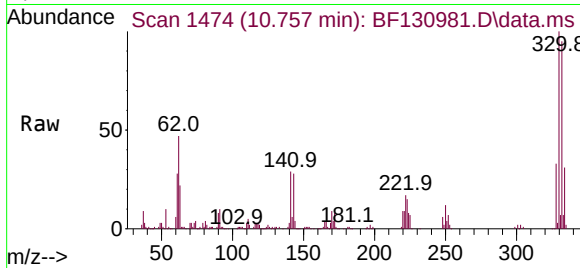




#67
4-Bromophenyl-phenylether
Concen: 2.843 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF130981.D
Acq: 04 Nov 2022 02:40

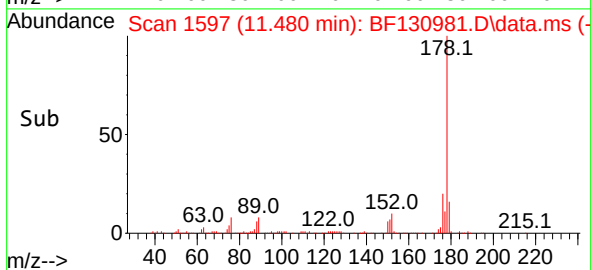
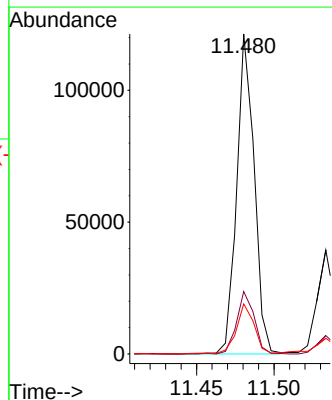
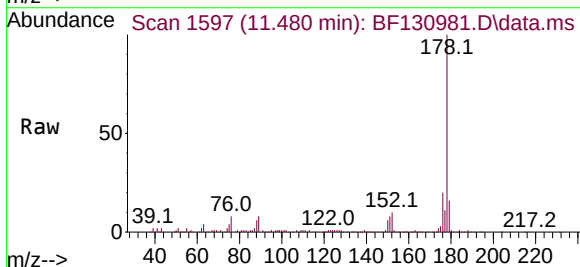
Instrument :
BNA_F
ClientSampleId :
ALBANY-STREET

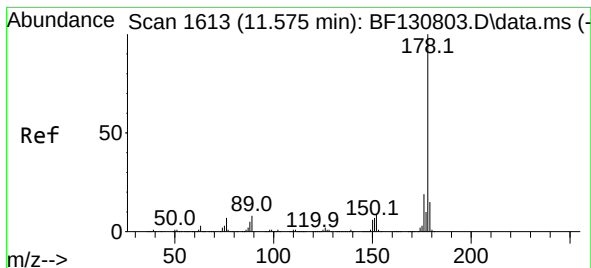
Tgt Ion:248 Resp: 7176
Ion Ratio Lower Upper
248 100
250 201.9 78.6 117.8#
141 490.2 54.2 81.4#



#71
Phenanthrene
Concen: 7.353 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.000 min
Lab File: BF130981.D
Acq: 04 Nov 2022 02:40

Tgt Ion:178 Resp: 95243
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.6 12.2 18.2





#72

Anthracene

Concen: 2.332 ng

RT: 11.533 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130981.D

Acq: 04 Nov 2022 02:40

Instrument :

BNA_F

ClientSampleId :

ALBANY-STREET

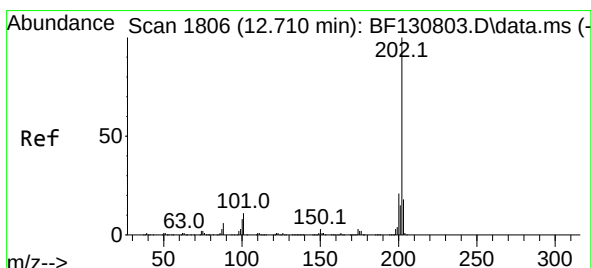
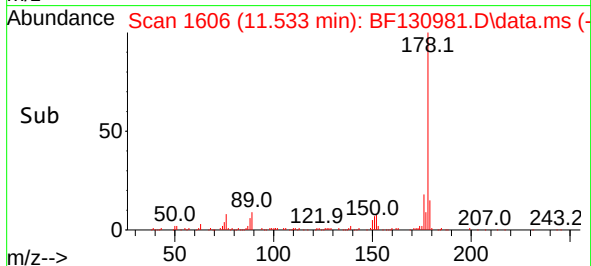
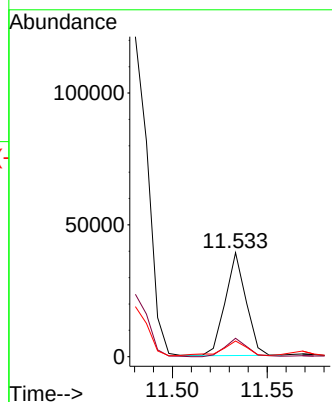
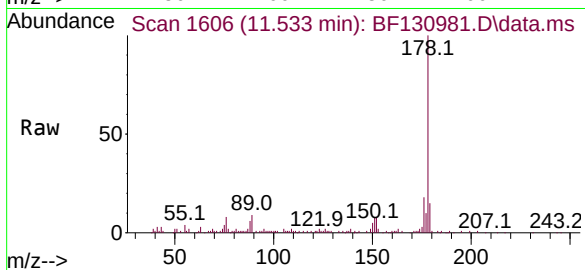
Tgt Ion:178 Resp: 29798

Ion Ratio Lower Upper

178 100

176 17.8 15.4 23.0

179 15.1 12.2 18.4



#75

Fluoranthene

Concen: 20.912 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF130981.D

Acq: 04 Nov 2022 02:40

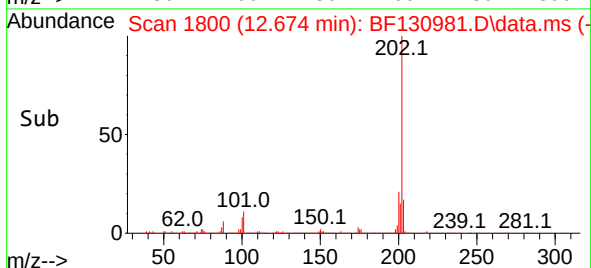
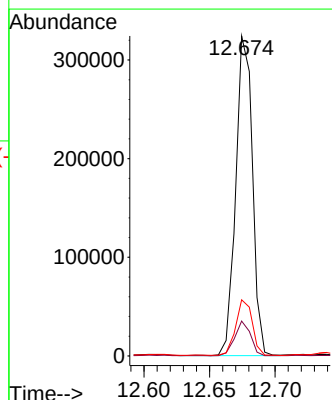
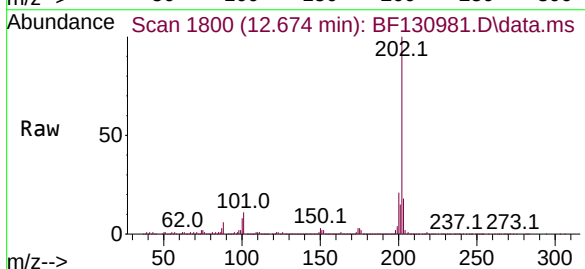
Tgt Ion:202 Resp: 287788

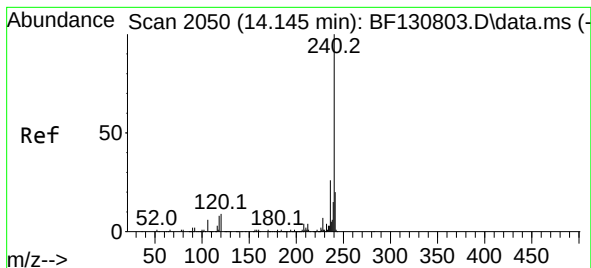
Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.9

203 17.5 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.110 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF130981.D

Acq: 04 Nov 2022 02:40

Instrument :

BNA_F

ClientSampleId :

ALBANY-STREET

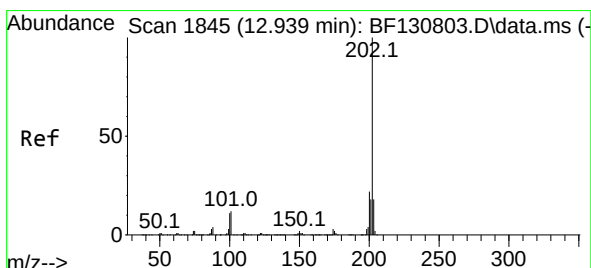
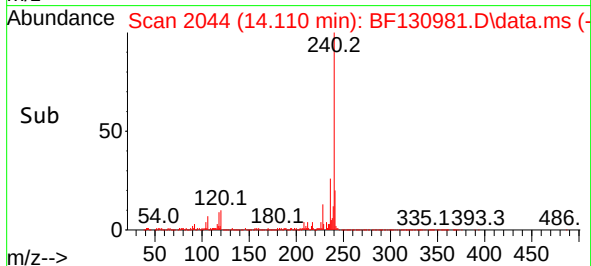
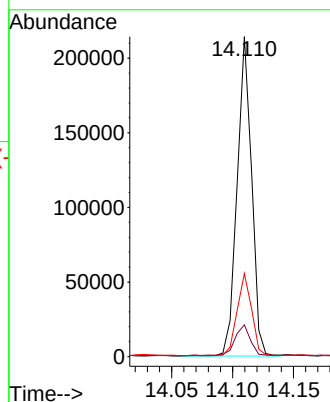
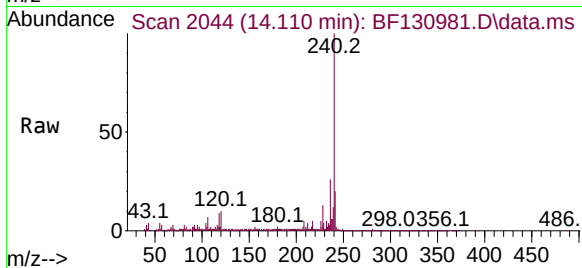
Tgt Ion:240 Resp: 176630

Ion Ratio Lower Upper

240 100

120 10.0 7.0 10.4

236 26.0 20.5 30.7



#78

Pyrene

Concen: 18.617 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.006 min

Lab File: BF130981.D

Acq: 04 Nov 2022 02:40

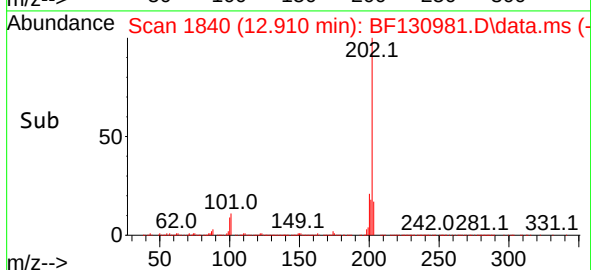
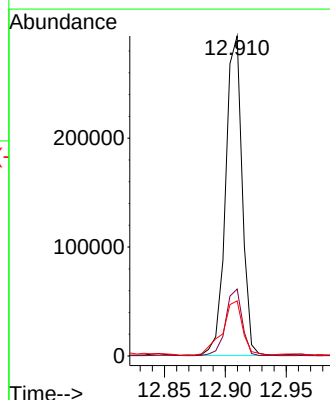
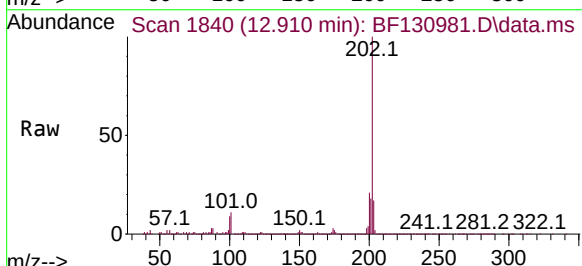
Tgt Ion:202 Resp: 277422

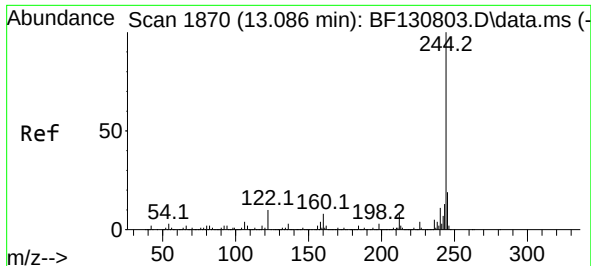
Ion Ratio Lower Upper

202 100

200 20.9 17.2 25.8

203 17.2 14.5 21.7

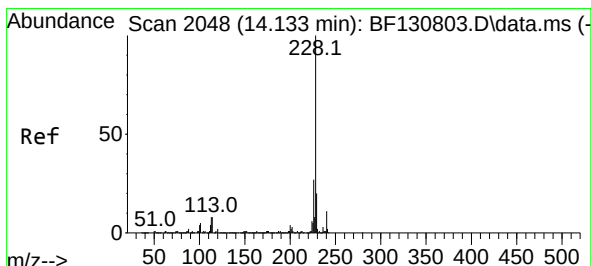
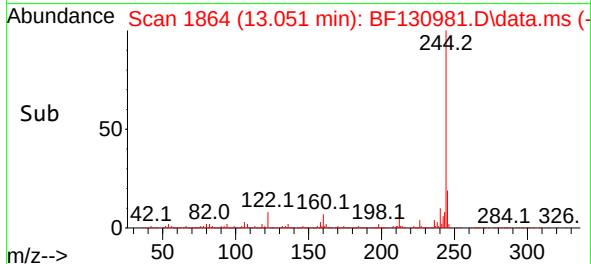
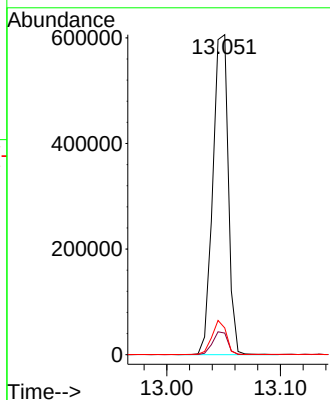
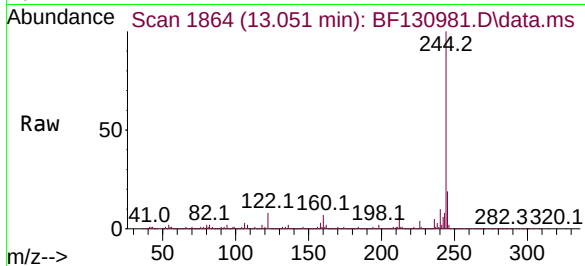




#79
 Terphenyl-d14
 Concen: 59.323 ng
 RT: 13.051 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: BF130981.D
 Acq: 04 Nov 2022 02:40

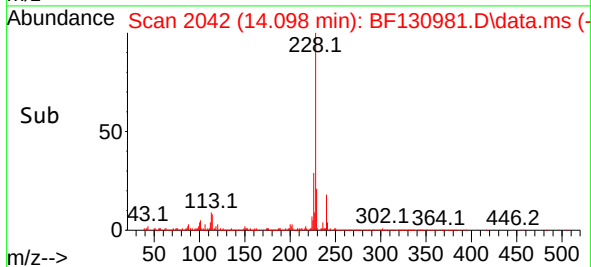
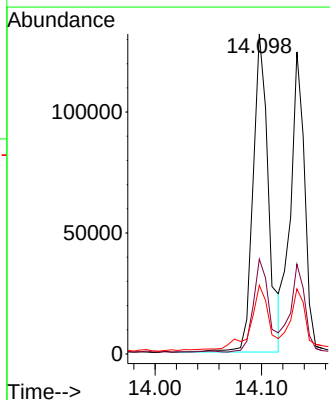
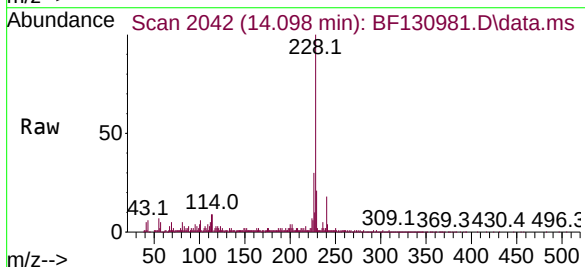
Instrument :
 BNA_F
 ClientSampleId :
 ALBANY-STREET

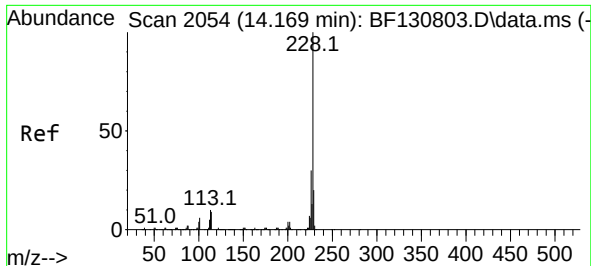
Tgt Ion:244 Resp: 571809
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.2 9.2
 122 8.4 7.9 11.9



#81
 Benzo(a)anthracene
 Concen: 11.281 ng
 RT: 14.098 min Scan# 2042
 Delta R.T. -0.000 min
 Lab File: BF130981.D
 Acq: 04 Nov 2022 02:40

Tgt Ion:228 Resp: 132104
 Ion Ratio Lower Upper
 228 100
 226 29.7 21.4 32.2
 229 21.5 15.8 23.6

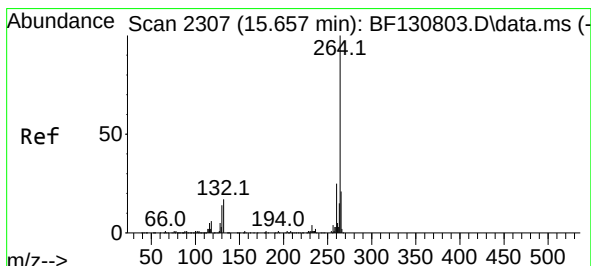
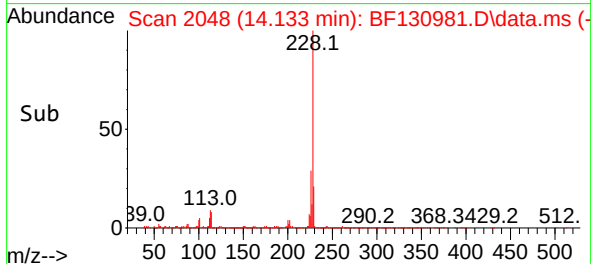
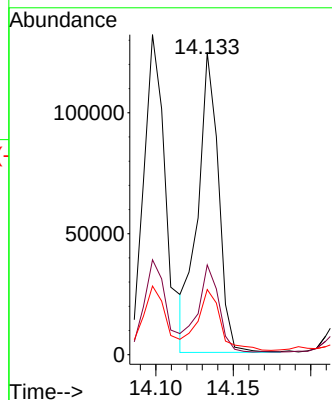
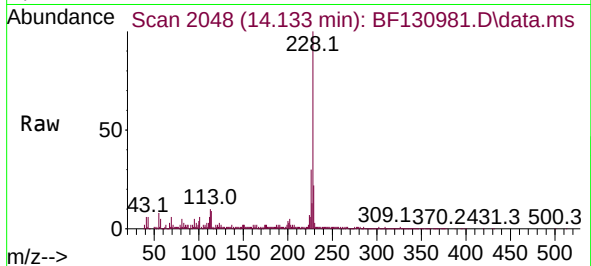




#83
Chrysene
Concen: 10.207 ng
RT: 14.133 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BF130981.D
Acq: 04 Nov 2022 02:40

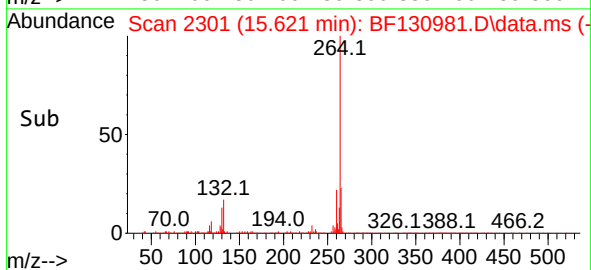
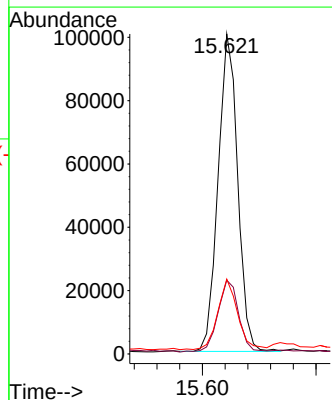
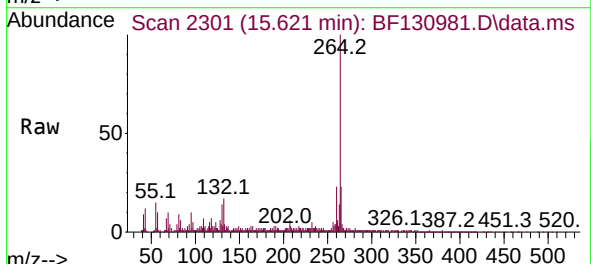
Instrument :
BNA_F
ClientSampleId :
ALBANY-STREET

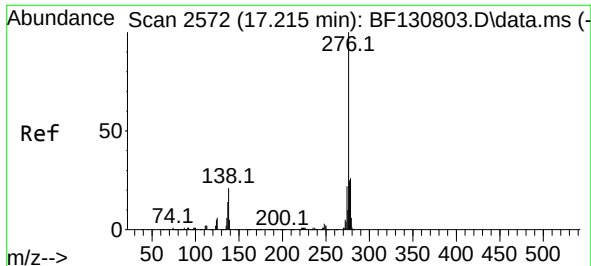
Tgt Ion:228 Resp: 115294
Ion Ratio Lower Upper
228 100
226 29.7 23.9 35.9
229 21.6 15.8 23.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2301
Delta R.T. 0.012 min
Lab File: BF130981.D
Acq: 04 Nov 2022 02:40

Tgt Ion:264 Resp: 120007
Ion Ratio Lower Upper
264 100
260 23.1 19.9 29.9
265 23.4 17.0 25.6

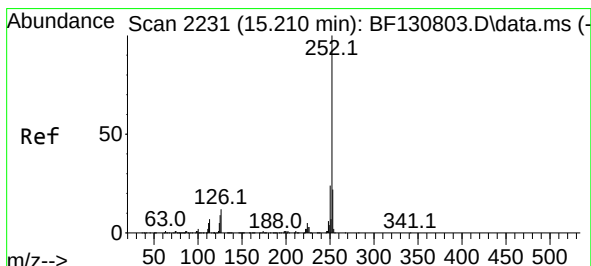
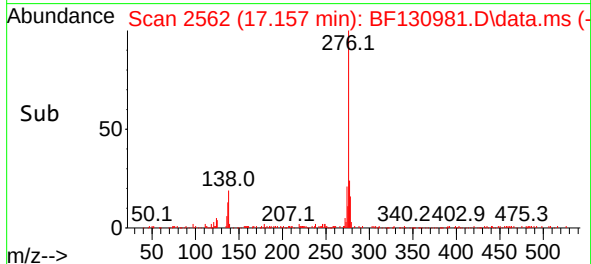
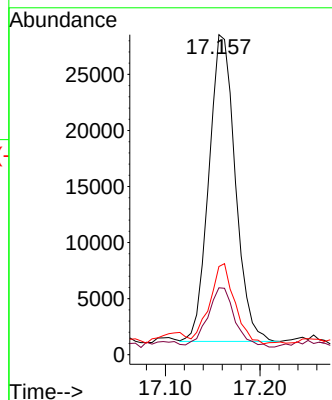
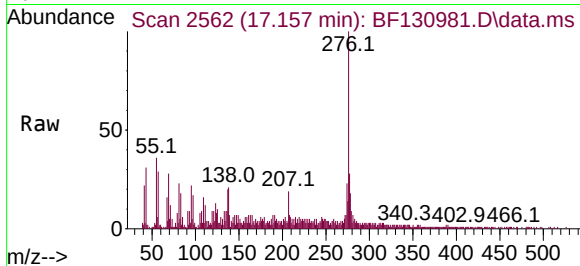




#87
Indeno(1,2,3-cd)pyrene
Concen: 6.655 ng
RT: 17.157 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF130981.D
Acq: 04 Nov 2022 02:40

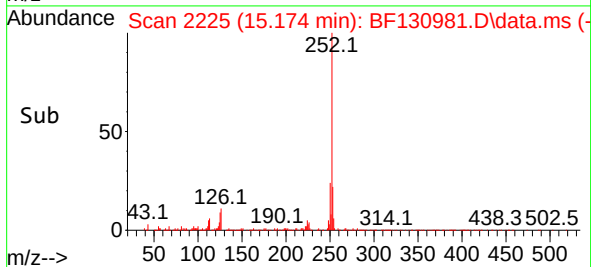
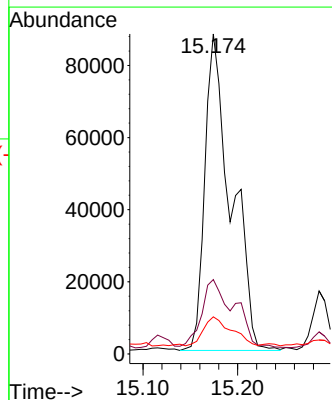
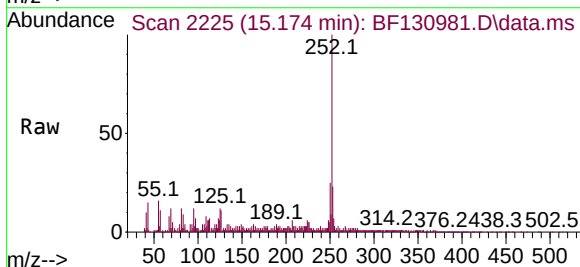
Instrument :
BNA_F
ClientSampleId :
ALBANY-STREET

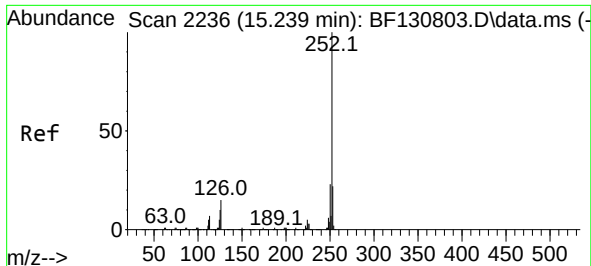
Tgt Ion:276 Resp: 53036
Ion Ratio Lower Upper
276 100
138 19.8 19.1 28.7
277 24.0 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 21.733 ng
RT: 15.174 min Scan# 2225
Delta R.T. 0.012 min
Lab File: BF130981.D
Acq: 04 Nov 2022 02:40

Tgt Ion:252 Resp: 168600
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 11.6 7.0 10.4#

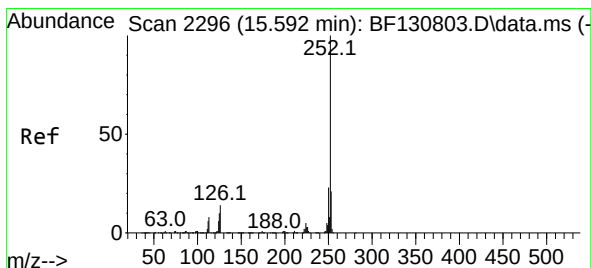
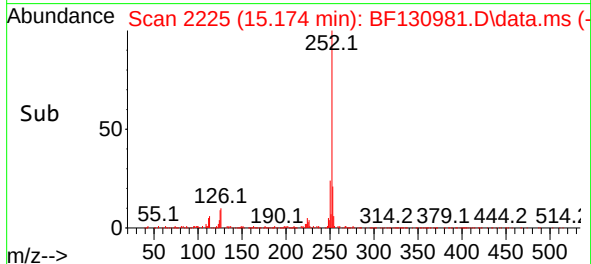
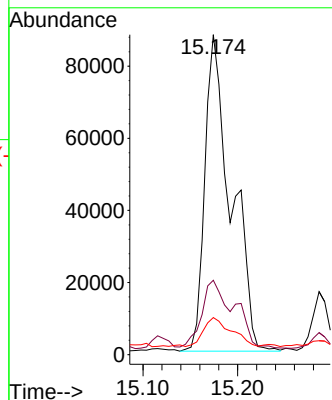
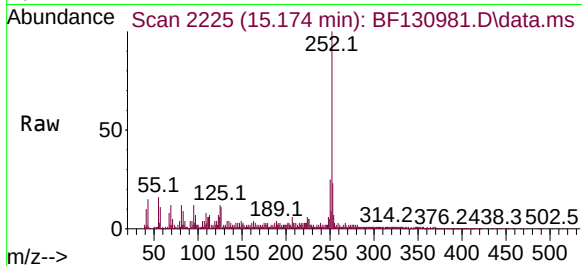




#89
Benzo(k)fluoranthene
Concen: 22.304 ng
RT: 15.174 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF130981.D
Acq: 04 Nov 2022 02:40

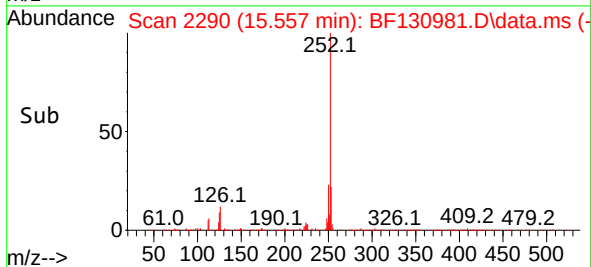
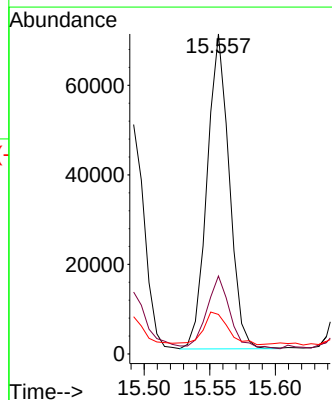
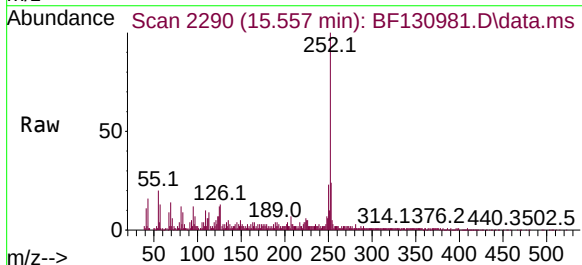
Instrument :
BNA_F
ClientSampleId :
ALBANY-STREET

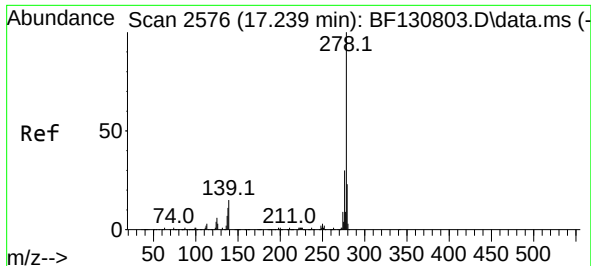
Tgt Ion:252 Resp: 168600
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 11.6 8.0 12.0



#90
Benzo(a)pyrene
Concen: 13.245 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.012 min
Lab File: BF130981.D
Acq: 04 Nov 2022 02:40

Tgt Ion:252 Resp: 82596
Ion Ratio Lower Upper
252 100
253 24.3 16.8 25.2
125 12.4 8.3 12.5

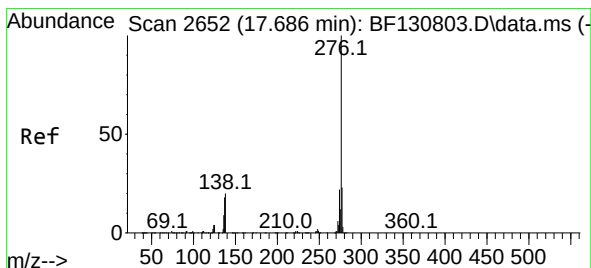
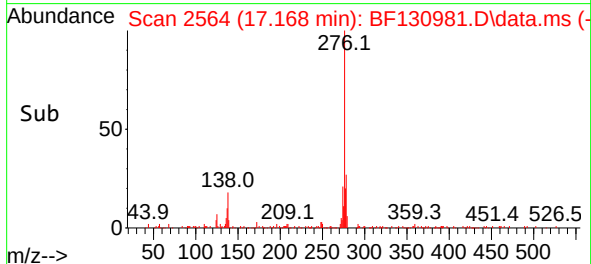
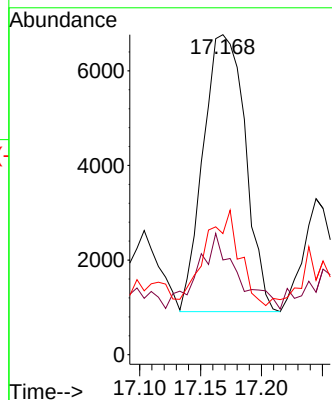
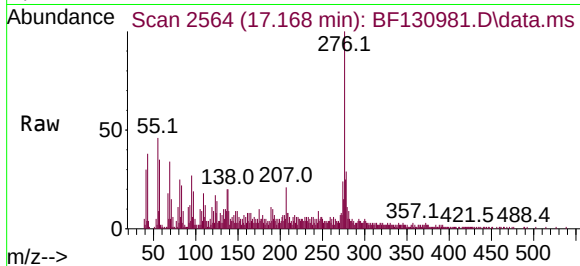




#91
 Dibenzo(a,h)anthracene
 Concen: 2.166 ng
 RT: 17.168 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF130981.D
 Acq: 04 Nov 2022 02:40

Instrument :
 BNA_F
 ClientSampleId :
 ALBANY-STREET

Tgt Ion:278 Resp: 14072
 Ion Ratio Lower Upper
 278 100
 139 29.6 11.9 17.9#
 279 37.8 18.6 28.0#



#92
 Benzo(g,h,i)perylene
 Concen: 8.099 ng
 RT: 17.627 min Scan# 2642
 Delta R.T. 0.018 min
 Lab File: BF130981.D
 Acq: 04 Nov 2022 02:40

Tgt Ion:276 Resp: 53678
 Ion Ratio Lower Upper
 276 100
 277 28.3 18.8 28.2#
 138 21.3 16.3 24.5

