

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF132005.D
 Acq On : 10 Jan 2023 19:57
 Operator : CG\JU
 Sample : 01052-01RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-DRUMRE

Quant Time: Jan 11 00:39:05 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	6.804	152	58714	20.000	ng	0.02
21) Naphthalene-d8	8.098	136	154547	20.000	ng	# 0.02
39) Acenaphthene-d10	9.875	164	109993	20.000	ng	# 0.04
64) Phenanthrene-d10	11.374	188	159129	20.000	ng	# 0.04
76) Chrysene-d12	13.992	240	125213	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	142982	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	42913	12.043	ng	0.03
7) Phenol-d6	6.322	99	37854	8.012	ng	-0.11
23) Nitrobenzene-d5	7.381	82	469859	126.180	ng	0.01
42) 2,4,6-Tribromophenol	10.692	330	120730	95.463	ng	0.05
45) 2-Fluorobiphenyl	9.186	172	619242	76.001	ng	0.02
79) Terphenyl-d14	12.945	244	652746	74.718	ng	0.02
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.157	42	4955	2.414	ng	# 6
6) Aniline	6.481	93	14280	2.297	ng	# 1
8) 2-Chlorophenol	6.569	128	94619	26.467	ng	# 37
9) Benzaldehyde	6.345	77	111331	35.415	ng	# 1
15) Benzyl Alcohol	6.957	79	32172	7.820	ng	# 42
17) 2-Methylphenol	7.081	107	17997	5.087	ng	# 1
18) Hexachloroethane	7.298	117	68642	41.197	ng	# 1
19) n-Nitroso-di-n-propyla...	7.228	70	44295	12.961	ng	# 76
20) 3+4-Methylphenols	7.257	107	13054	2.874	ng	# 1
22) Acetophenone	7.198	105	1152784	256.191	ng	# 50
24) Nitrobenzene	7.381	77	60371	15.925	ng	# 24
25) Isophorone	7.622	82	108396	15.582	ng	# 1
26) 2-Nitrophenol	7.722	139	14938	10.015	ng	# 1
27) 2,4-Dimethylphenol	7.745	122	20656	8.296	ng	# 1
28) bis(2-Chloroethoxy)met...	7.845	93	39980	10.384	ng	# 1
29) 2,4-Dichlorophenol	7.934	162	30780	12.070	ng	# 16
31) Naphthalene	8.133	128	1800581	220.459	ng	# 95
32) Benzoic acid	7.934	122	3519	2.438	ng	# 1
33) 4-Chloroaniline	8.192	127	8458	2.510	ng	# 1
35) Caprolactam	8.563	113	12938	17.274	ng	# 1
36) 4-Chloro-3-methylphenol	8.628	107	41854	13.983	ng	# 1
37) 2-Methylnaphthalene	8.845	142	3249839	554.023	ng	98
38) 1-Methylnaphthalene	8.933	142	1765114	324.792	ng	97
43) 2,4,6-Trichlorophenol	9.133	196	6157	2.639	ng	# 31
44) 2,4,5-Trichlorophenol	9.133	196	6319	2.327	ng	# 1
46) 1,1'-Biphenyl	9.286	154	440235	51.855	ng	99
47) 2-Chloronaphthalene	9.363	162	29057	4.410	ng	# 20
48) 2-Nitroaniline	9.475	65	39869	16.659	ng	# 65
49) Acenaphthylene	9.745	152	76801	7.511	ng	# 1
51) 2,6-Dinitrotoluene	9.716	165	15227	8.444	ng	88
52) Acenaphthene	9.910	154	134904	21.979	ng	# 73
53) 3-Nitroaniline	9.851	138	14707	8.406	ng	# 45
54) 2,4-Dinitrophenol	10.169	184	24252	26.786	ng	89
55) Dibenzofuran	10.086	168	123538	12.769	ng	# 1
56) 4-Nitrophenol	10.028	139	16312	16.553	ng	# 59
57) 2,4-Dinitrotoluene	10.086	165	80031	33.195	ng	# 65

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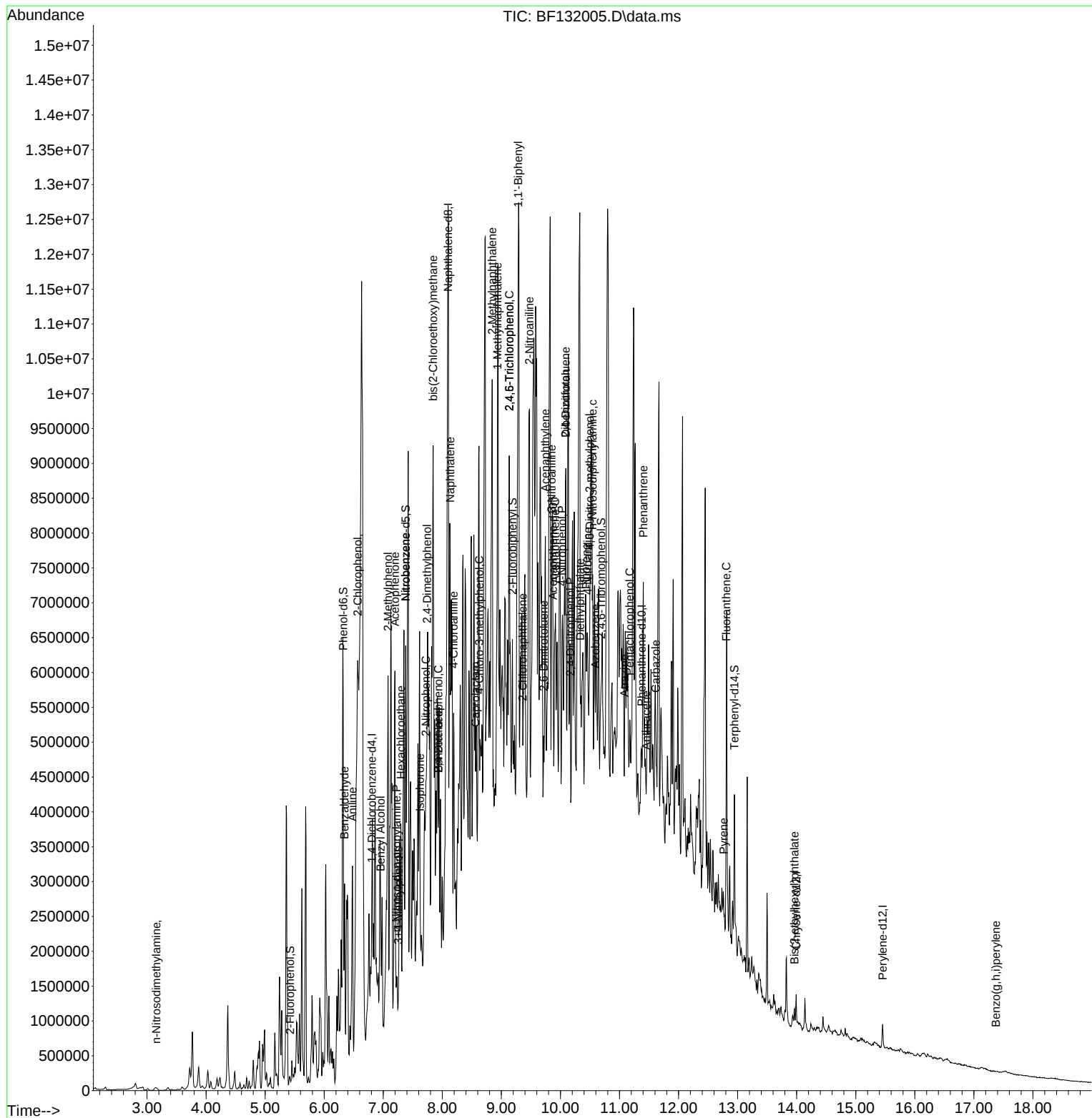
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) Fluorene	10.433	166	320312	41.445	ng	# 93
60) Diethylphthalate	10.333	149	32730	3.882	ng	# 79
62) 4-Nitroaniline	10.463	138	3537	2.248	ng	# 1
63) Azobenzene	10.592	77	61835	6.914	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.498	198	3044	2.966	ng	# 1
66) n-Nitrosodiphenylamine	10.545	169	342806	68.666	ng	# 56
69) Atrazine	11.086	200	18598	10.244	ng	# 31
70) Pentachlorophenol	11.174	266	1012	5.249	ng	# 38
71) Phenanthrene	11.404	178	975255	117.565	ng	# 96
72) Anthracene	11.451	178	90445	10.591	ng	# 30
73) Carbazole	11.616	167	94207	13.325	ng	# 64
75) Fluoranthene	12.810	202	231032	24.764	ng	90
78) Pyrene	12.763	202	33999	2.977	ng	# 29
84) Bis(2-ethylhexyl)phtha...	13.963	149	46920	7.513	ng	# 96
92) Benzo(g,h,i)perylene	17.374	276	330	3.564	ng	# 1

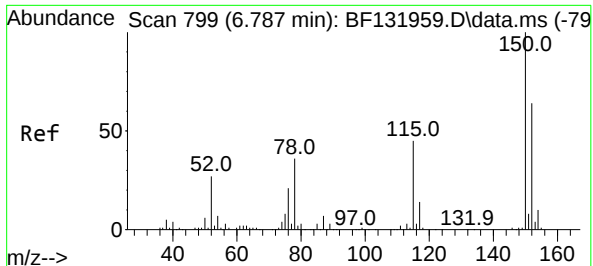
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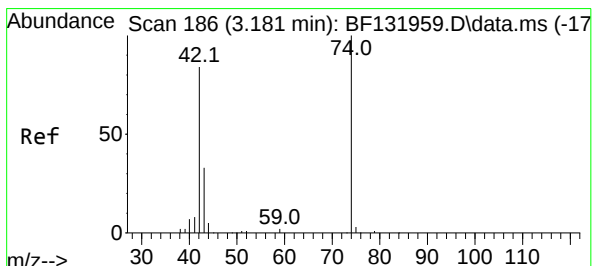
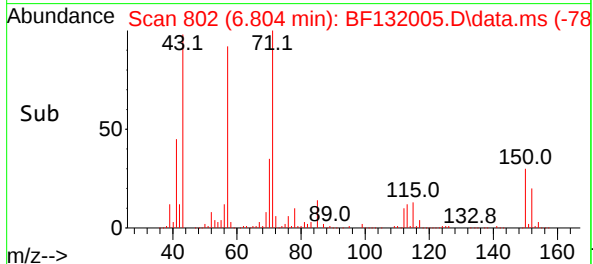
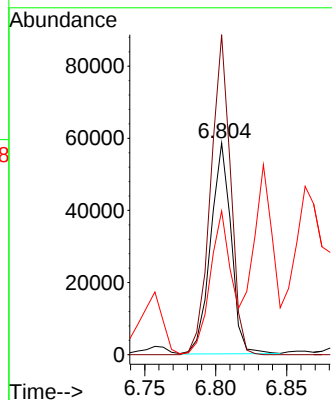
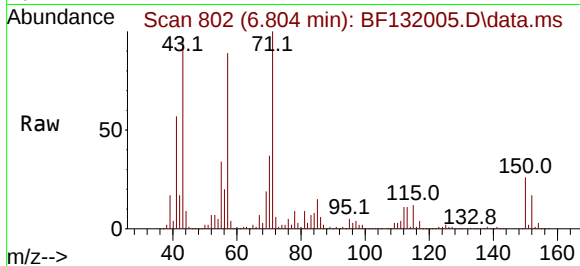




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. 0.017 min
Lab File: BF132005.D
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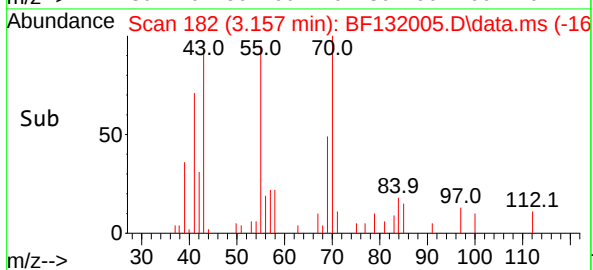
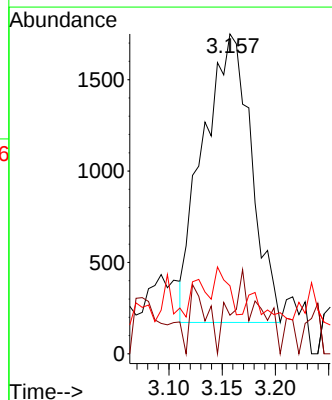
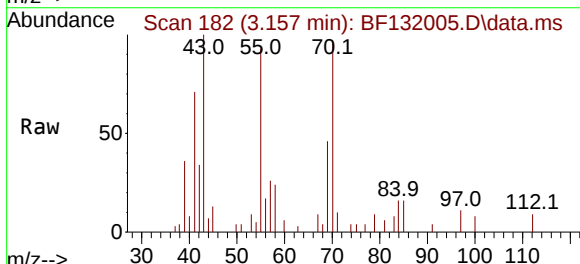
Instrument :
BNA_F
ClientSampleId :
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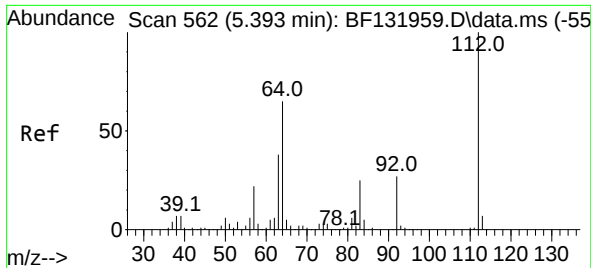
Tgt Ion:152 Resp: 58714
Ion Ratio Lower Upper
152 100
150 151.1 124.6 186.8
115 67.8 55.6 83.4



#4
n-Nitrosodimethylamine
Concen: 2.414 ng
RT: 3.157 min Scan# 182
Delta R.T. -0.024 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

Tgt Ion: 42 Resp: 4955
Ion Ratio Lower Upper
42 100
74 12.1 94.8 142.2#
44 21.3 4.5 6.7#

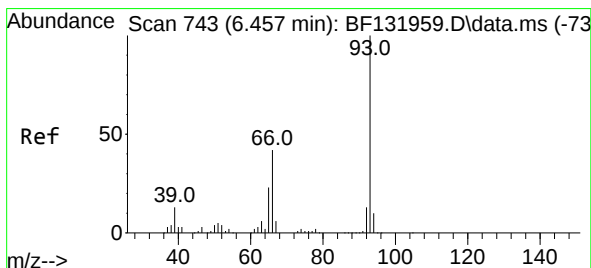
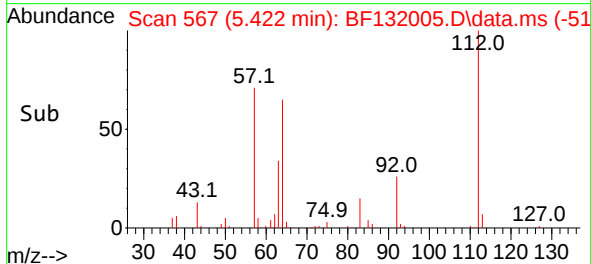
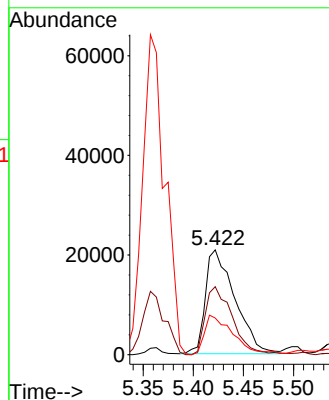
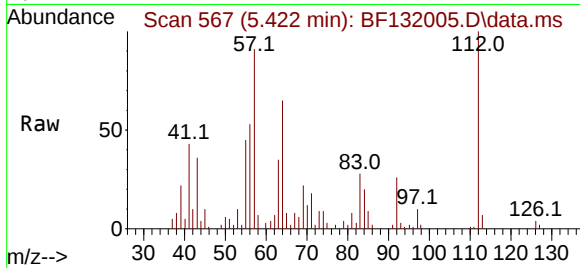




#5
2-Fluorophenol
Concen: 12.043 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.029 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

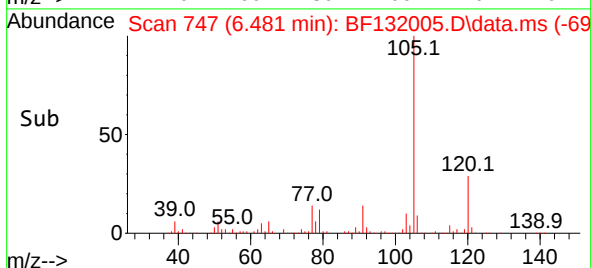
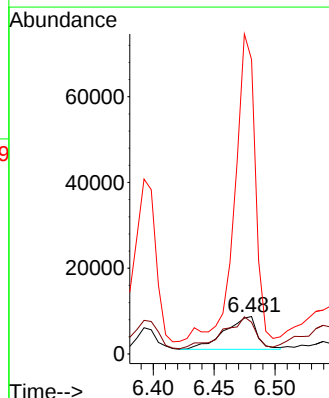
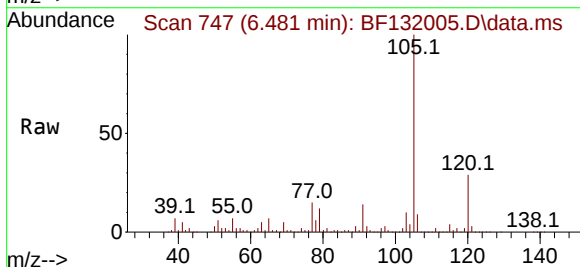
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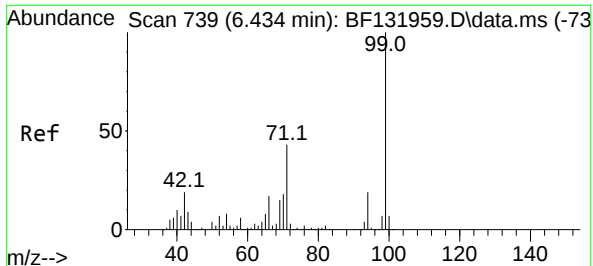
Tgt Ion:112 Resp: 42913
Ion Ratio Lower Upper
112 100
64 64.9 51.9 77.9
63 34.9 30.2 45.2



#6
Aniline
Concen: 2.297 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.023 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

Tgt Ion: 93 Resp: 14280
Ion Ratio Lower Upper
93 100
66 84.6 34.6 51.8#
65 787.9 18.2 27.2#

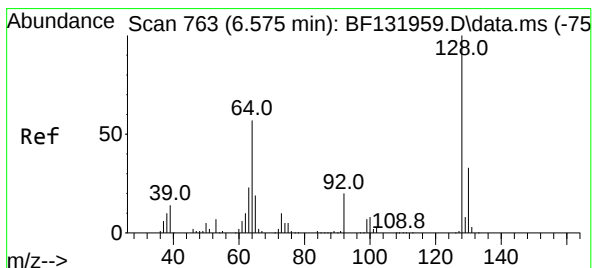
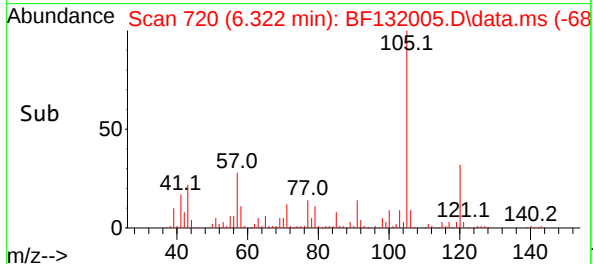
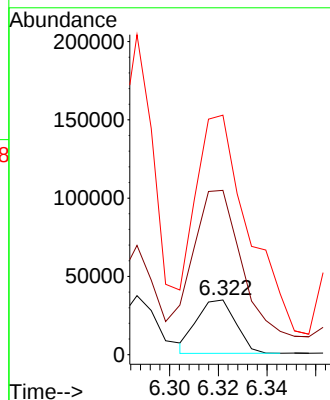
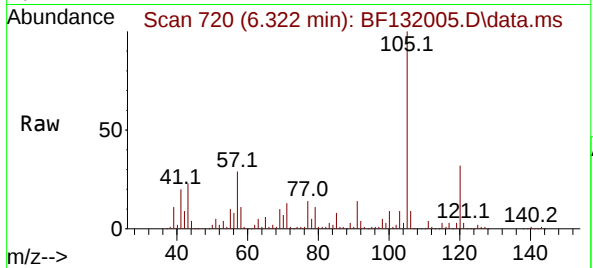




#7
Phenol-d6
Concen: 8.012 ng
RT: 6.322 min Scan# 71
Delta R.T. -0.112 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

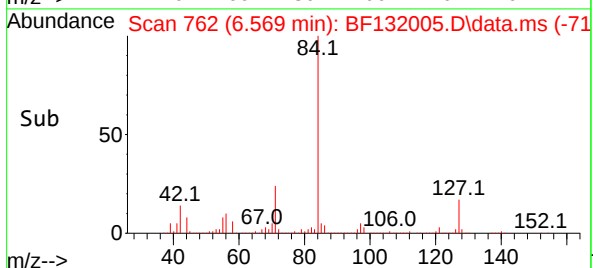
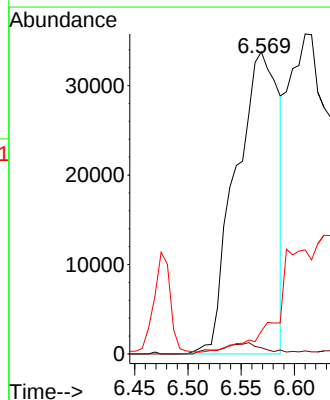
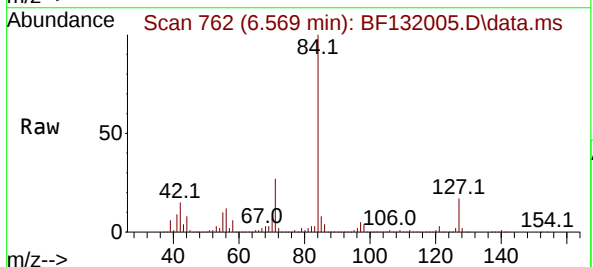
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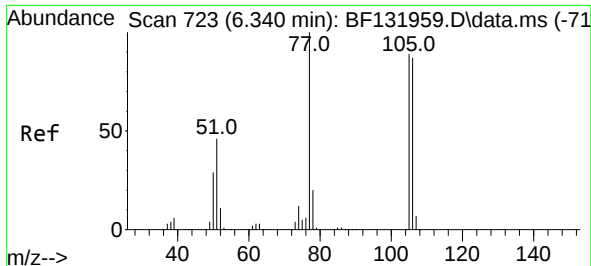
Tgt Ion: 99 Resp: 37854
Ion Ratio Lower Upper
99 100
42 300.3 15.4 23.2#
71 437.8 34.6 51.8#



#8
2-Chlorophenol
Concen: 26.467 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

Tgt Ion:128 Resp: 94619
Ion Ratio Lower Upper
128 100
130 2.1 12.5 52.5#
64 7.6 37.6 77.6#

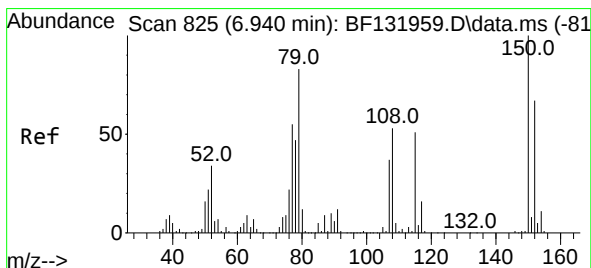
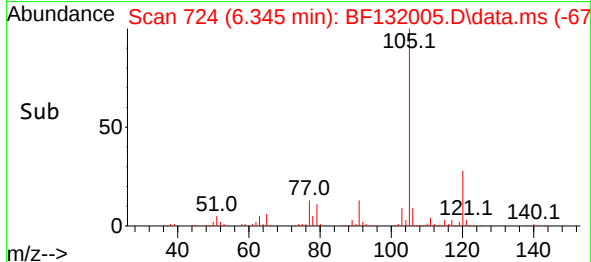
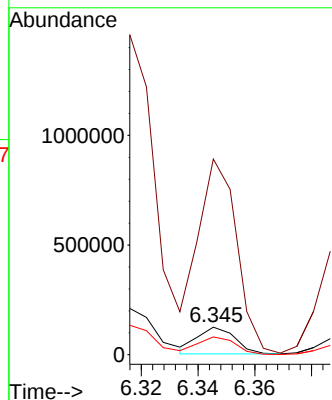
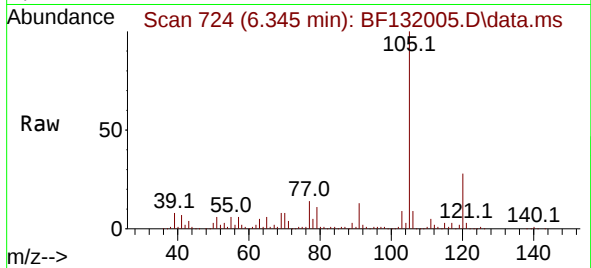




#9
Benzaldehyde
Concen: 35.415 ng
RT: 6.345 min Scan# 71
Delta R.T. 0.005 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

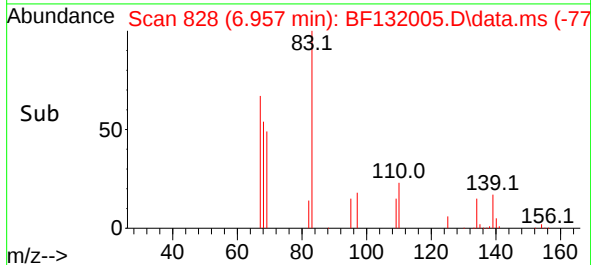
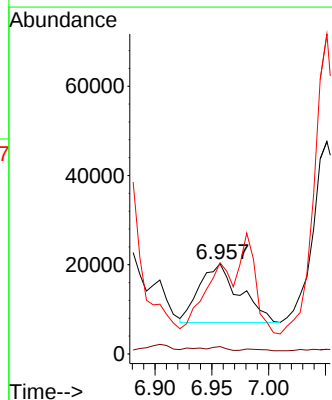
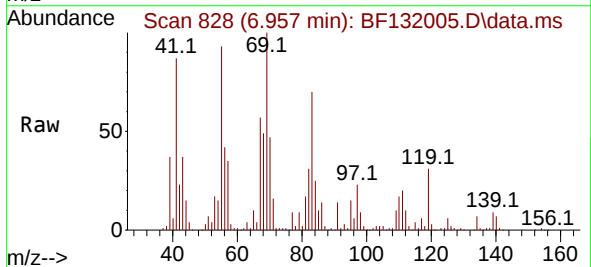
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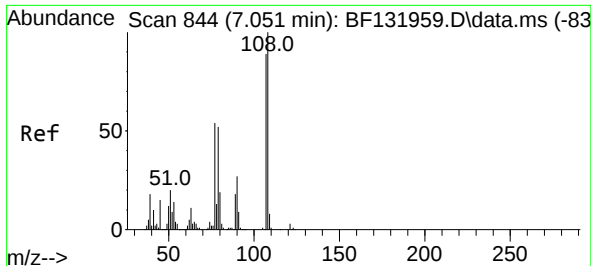
Tgt Ion: 77 Resp: 111331
Ion Ratio Lower Upper
77 100
105 712.1 69.0 109.0#
106 64.5 67.0 107.0#



#15
Benzyl Alcohol
Concen: 7.820 ng
RT: 6.957 min Scan# 828
Delta R.T. 0.017 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

Tgt Ion: 79 Resp: 32172
Ion Ratio Lower Upper
79 100
108 8.2 51.7 77.5#
77 101.1 52.9 79.3#

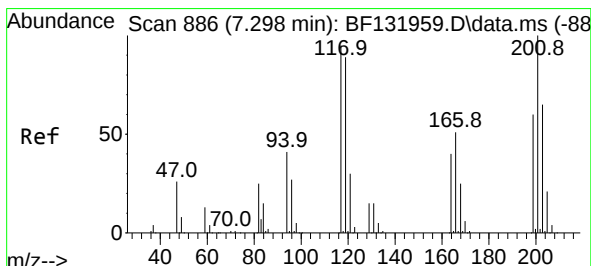
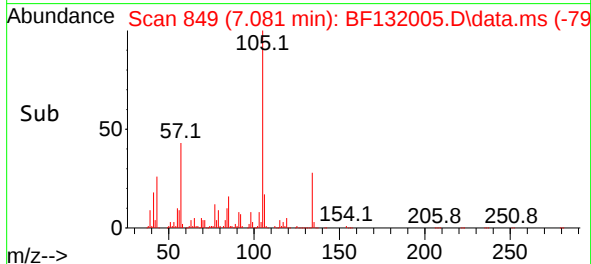
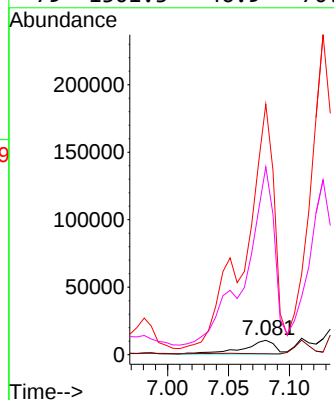
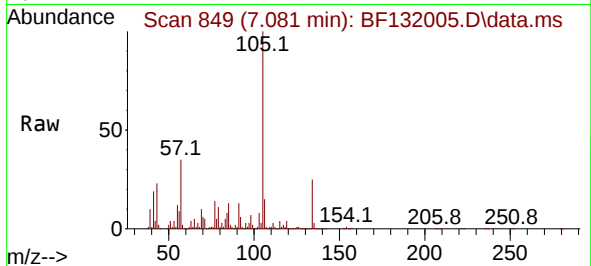




#17
2-Methylphenol
Concen: 5.087 ng
RT: 7.081 min Scan# 844
Delta R.T. 0.029 min
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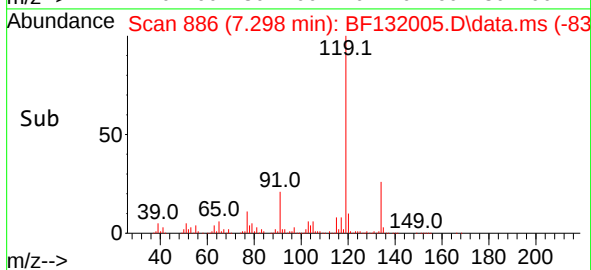
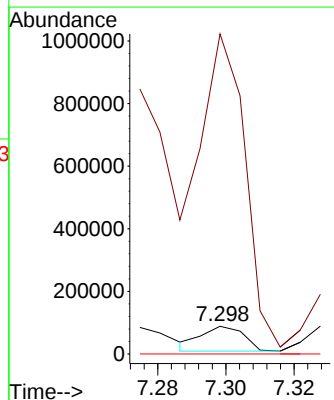
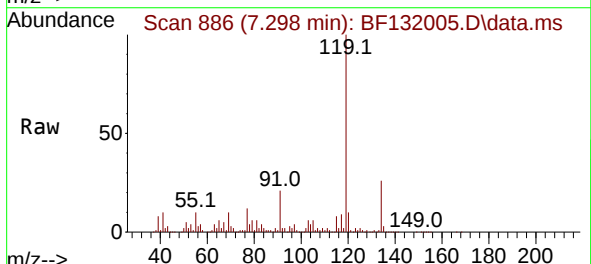
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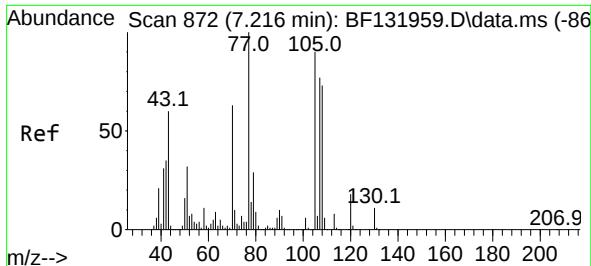
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Ion Ratio Lower Upper
107 100
108 6.5 90.0 135.0#
77 1735.9 48.8 73.2#
79 1301.3 46.9 70.3#



#18
Hexachloroethane
Concen: 41.197 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

Tgt Ion:117 Resp: 68642
Ion Ratio Lower Upper
117 100
119 1155.2 75.4 113.0#
201 0.0 84.2 126.4#

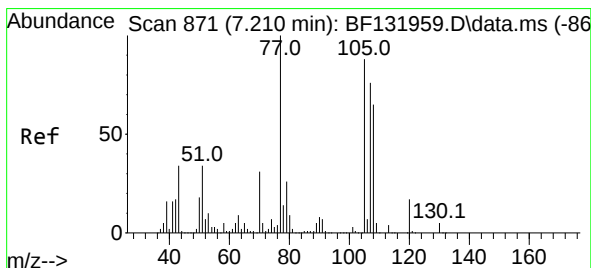
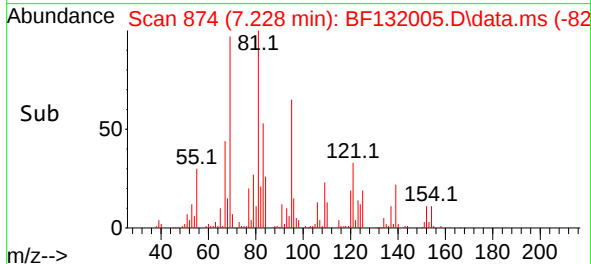
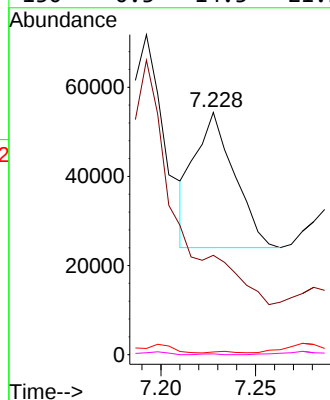
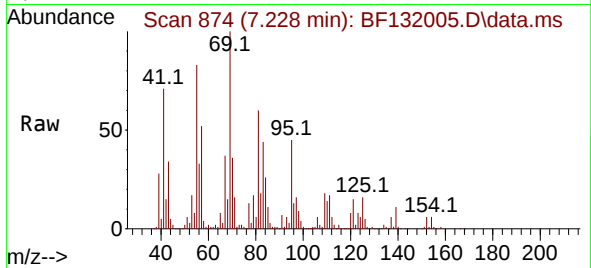




#19
n-Nitroso-di-n-propylamine
Concen: 12.961 ng
RT: 7.228 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

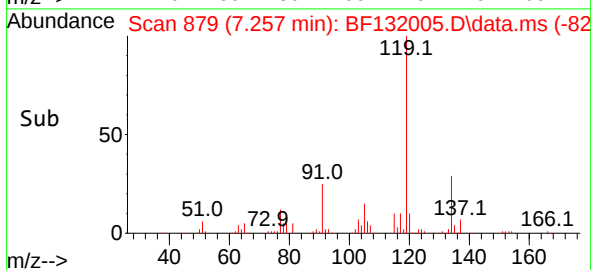
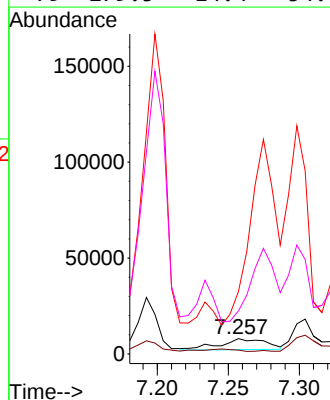
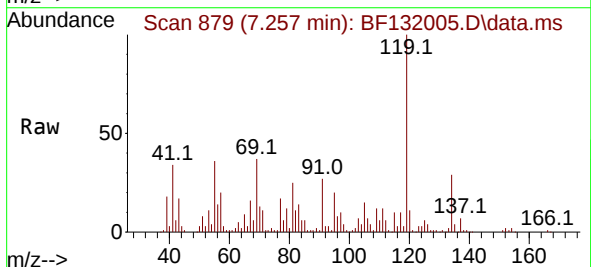
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ClientSampleId :
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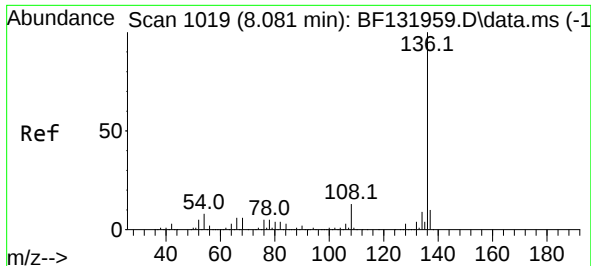
Tgt Ion: 70 Resp: 44295
Ion Ratio Lower Upper
70 100
42 41.0 44.3 66.5#
101 1.1 7.5 11.3#
130 0.3 14.3 21.5#



#20
3+4-Methylphenols
Concen: 2.874 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.047 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

Tgt Ion: 107 Resp: 13054
Ion Ratio Lower Upper
107 100
108 25.4 65.1 105.1#
77 405.2 111.2 151.2#
79 279.5 14.4 54.4#

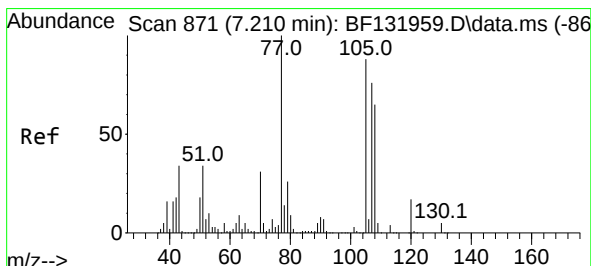
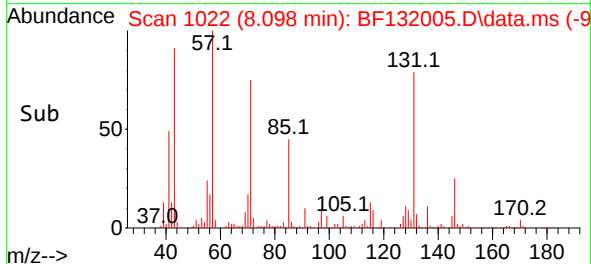
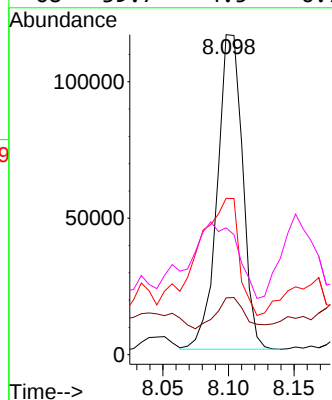
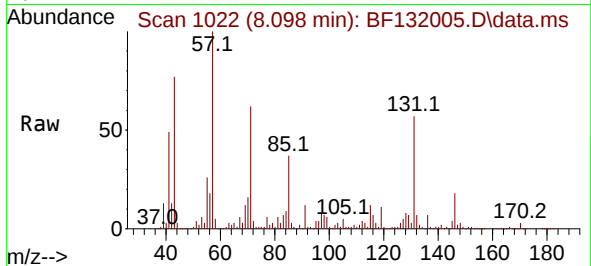




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.017 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

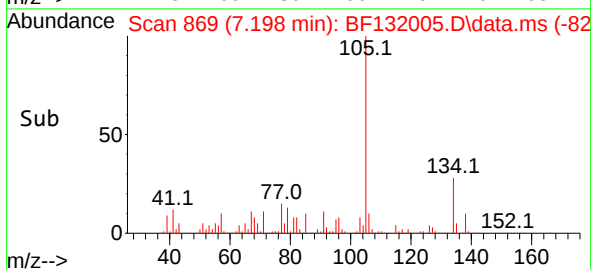
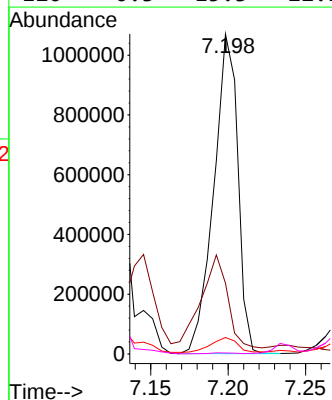
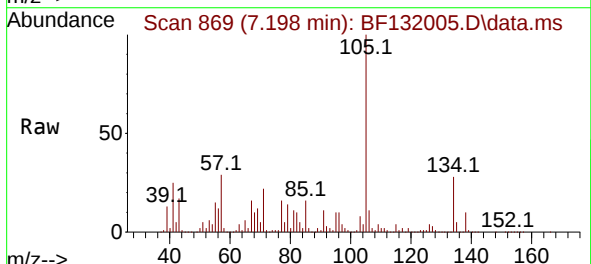
Instrument :
BNA_F
ClientSampleId :
UST-DRUMRE

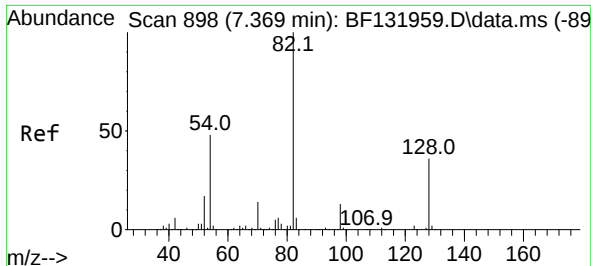
Tgt Ion:136 Resp: 154547
Ion Ratio Lower Upper
136 100
137 17.8 8.2 12.2#
54 48.9 6.6 9.8#
68 39.7 4.5 6.7#



#22
Acetophenone
Concen: 256.191 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

Tgt Ion:105 Resp: 1152784
Ion Ratio Lower Upper
105 100
71 22.1 4.6 7.0#
51 5.2 30.6 46.0#
120 0.3 15.3 22.9#





#23

Nitrobenzene-d5

Concen: 126.180 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.012 min

Lab File: BF132005.D

Acq: 10 Jan 2023 19:57

Instrument :

BNA_F

ClientSampleId :

UST-DRUMRE

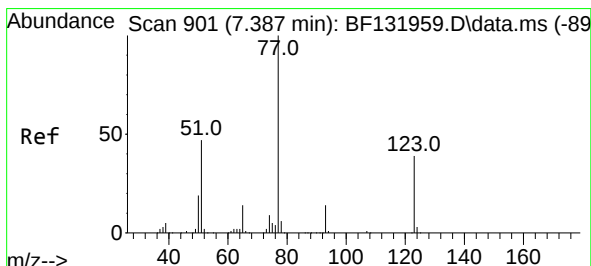
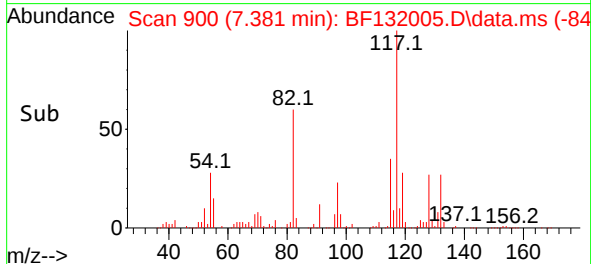
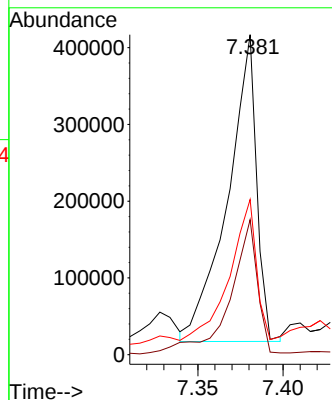
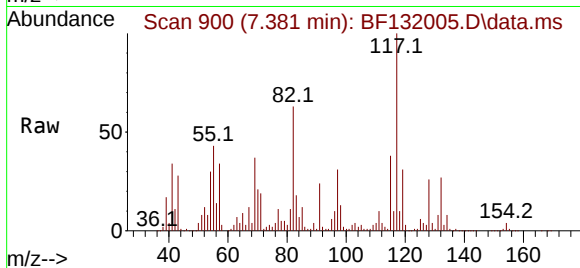
Tgt Ion: 82 Resp: 469859

Ion Ratio Lower Upper

82 100

128 42.2 28.7 43.1

54 48.5 38.1 57.1



#24

Nitrobenzene

Concen: 15.925 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF132005.D

Acq: 10 Jan 2023 19:57

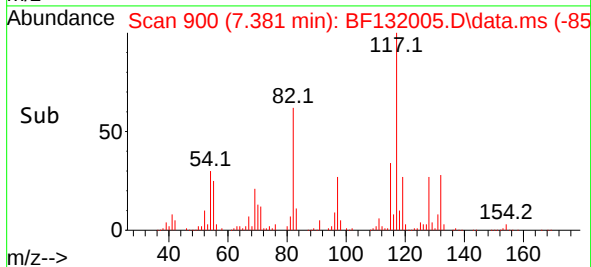
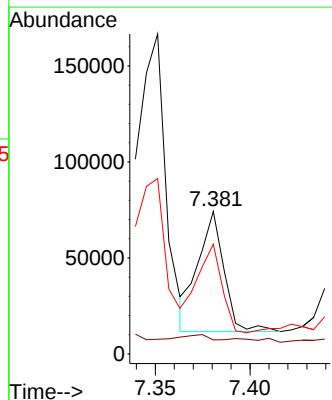
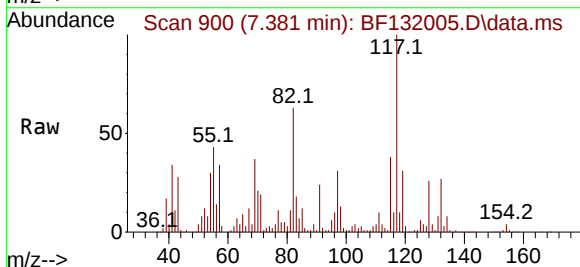
Tgt Ion: 77 Resp: 60371

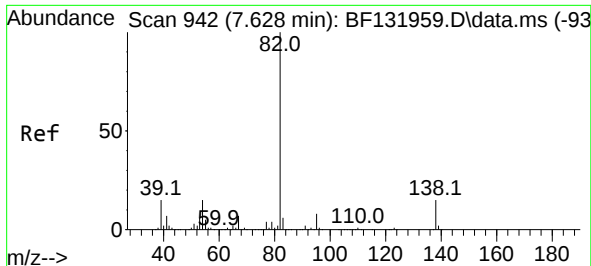
Ion Ratio Lower Upper

77 100

123 9.9 30.9 46.3#

65 77.0 10.8 16.2#

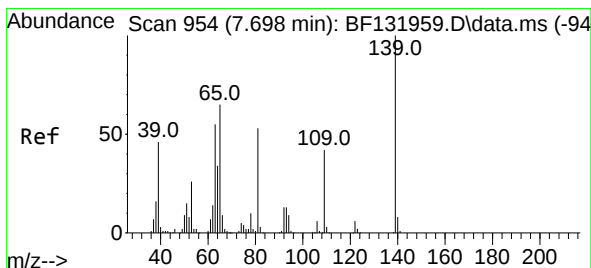
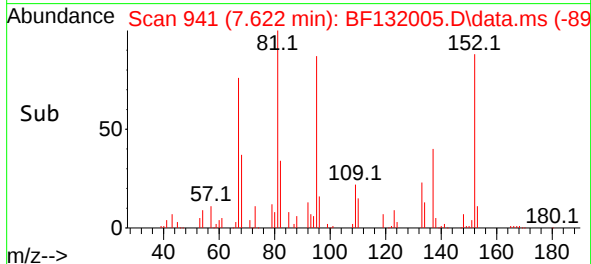
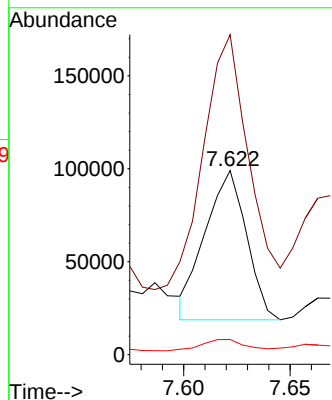
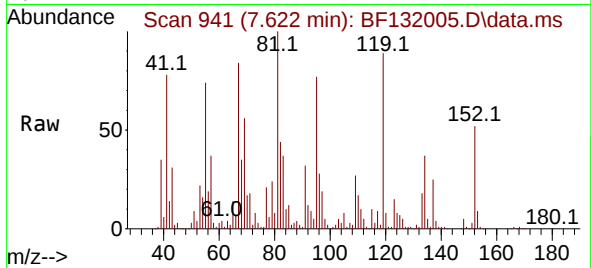




#25
Isophorone
Concen: 15.582 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

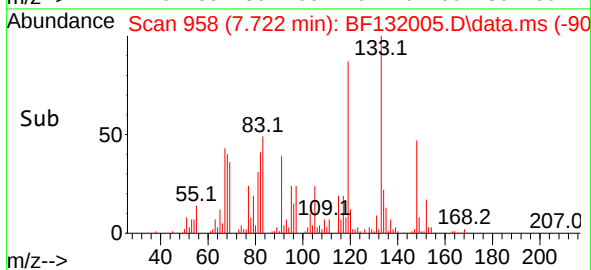
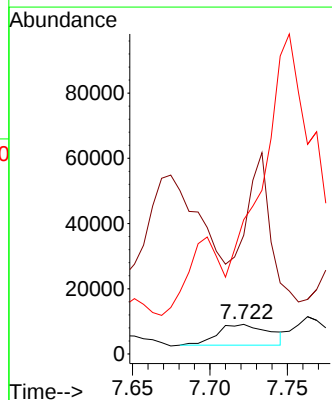
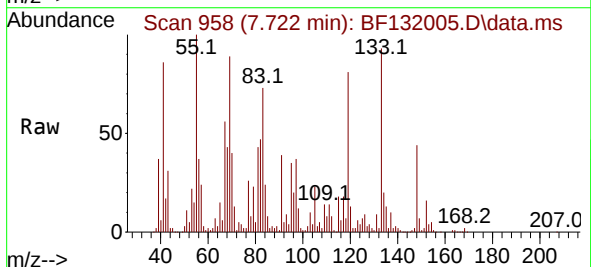
Instrument :
BNA_F
ClientSampleId :
UST-DRUMRE

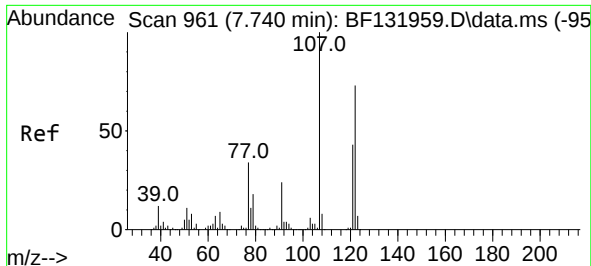
Tgt Ion: 82 Resp: 108396
Ion Ratio Lower Upper
82 100
95 173.8 6.5 9.7#
138 8.3 11.9 17.9#



#26
2-Nitrophenol
Concen: 10.015 ng
RT: 7.722 min Scan# 958
Delta R.T. 0.023 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

Tgt Ion: 139 Resp: 14938
Ion Ratio Lower Upper
139 100
109 400.2 33.9 50.9#
65 453.1 51.6 77.4#

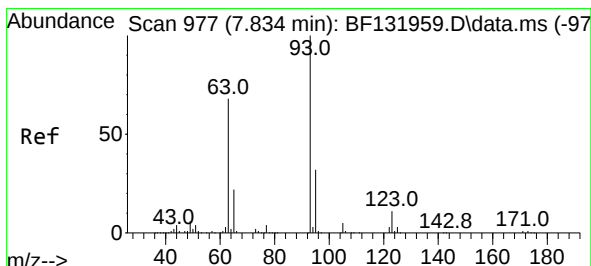
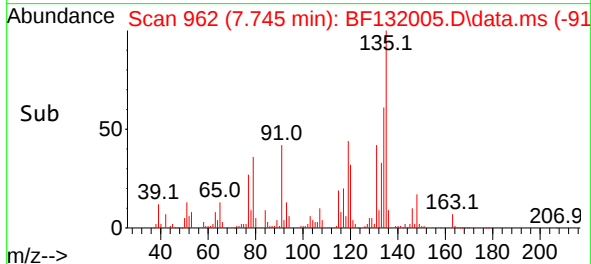
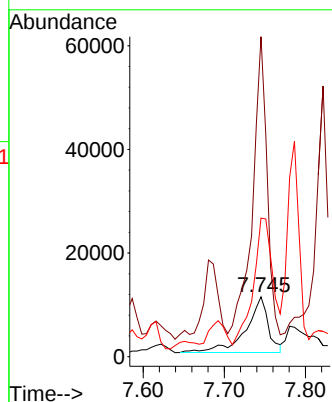
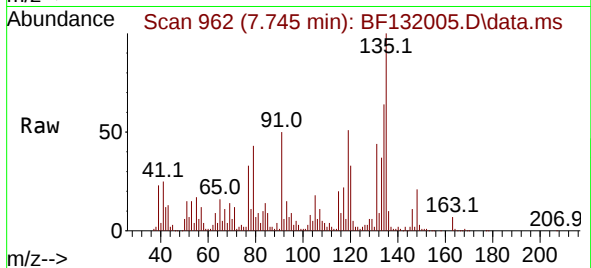




#27
2,4-Dimethylphenol
Concen: 8.296 ng
RT: 7.745 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

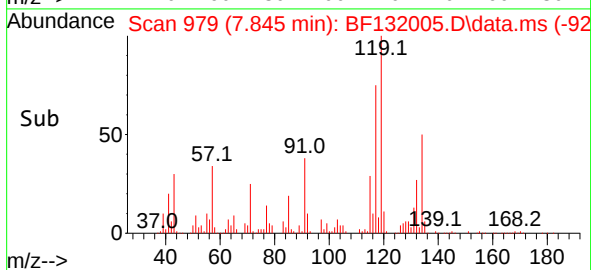
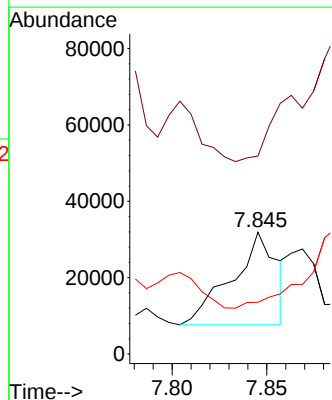
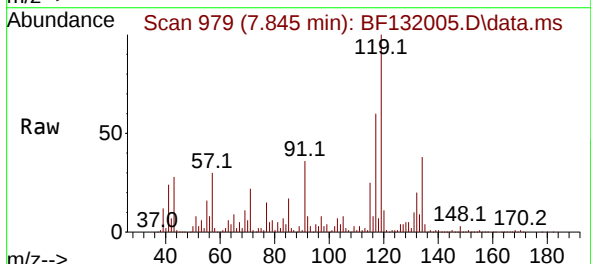
Instrument :
BNA_F
ClientSampleId :
UST-DRUMRE

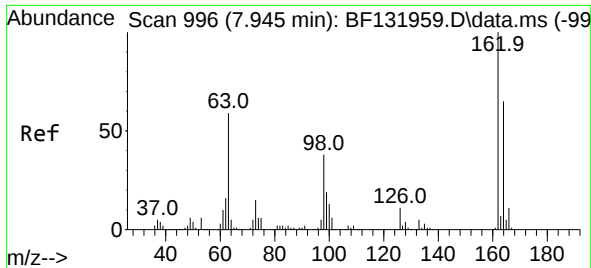
Tgt Ion:122 Resp: 20656
Ion Ratio Lower Upper
122 100
107 535.4 109.4 164.0#
121 232.0 47.2 70.8#



#28
bis(2-Chloroethoxy)methane
Concen: 10.384 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.012 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

Tgt Ion: 93 Resp: 39980
Ion Ratio Lower Upper
93 100
95 162.6 25.8 38.6#
123 42.4 8.4 12.6#





#29

2,4-Dichlorophenol

Concen: 12.070 ng

RT: 7.934 min Scan# 996

Delta R.T. -0.012 min

Lab File: BF132005.D

Acq: 10 Jan 2023 19:57

Instrument :

BNA_F

ClientSampleId :

UST-DRUMRE

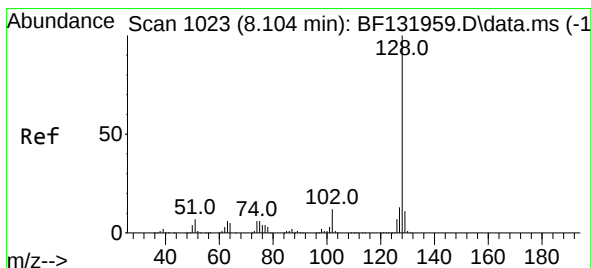
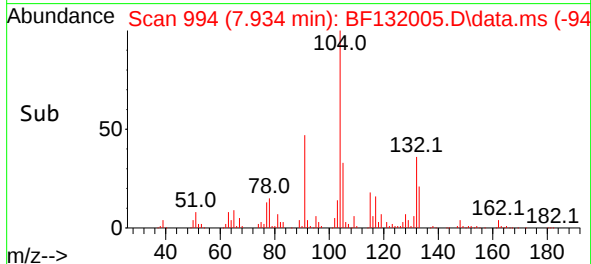
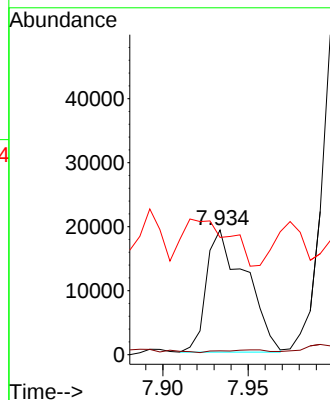
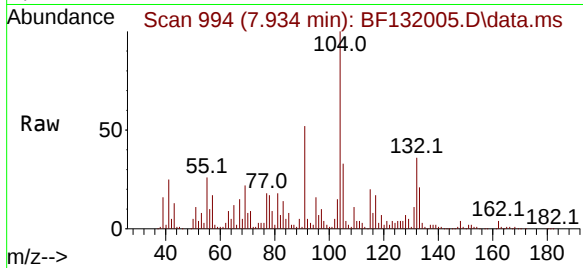
Tgt Ion:162 Resp: 30780

Ion Ratio Lower Upper

162 100

164 3.1 45.2 85.2#

98 94.0 17.5 57.5#



#31

Naphthalene

Concen: 220.459 ng

RT: 8.133 min Scan# 1028

Delta R.T. 0.029 min

Lab File: BF132005.D

Acq: 10 Jan 2023 19:57

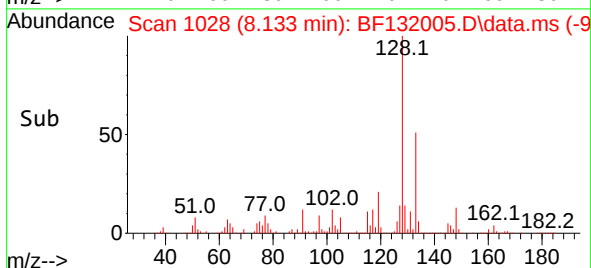
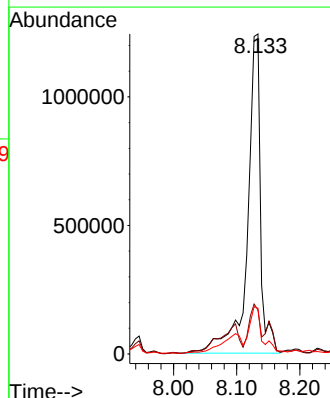
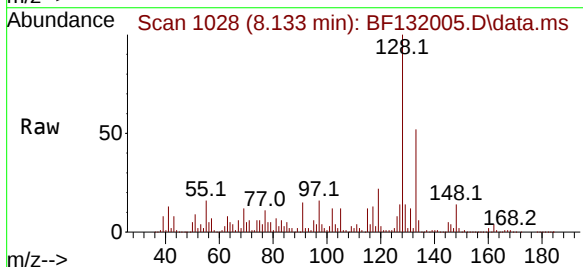
Tgt Ion:128 Resp: 1800581

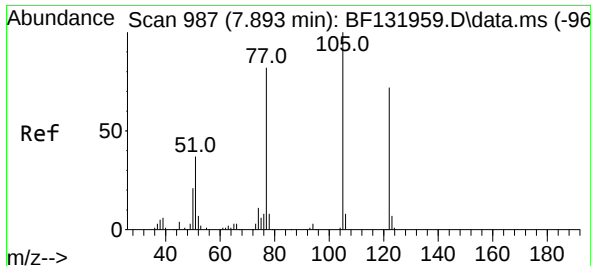
Ion Ratio Lower Upper

128 100

129 13.8 8.8 13.2#

127 14.3 10.5 15.7

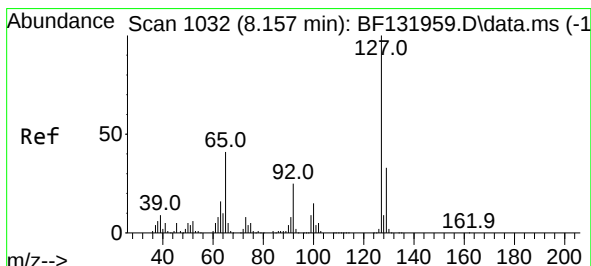
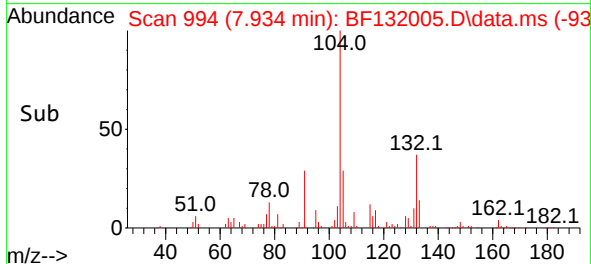
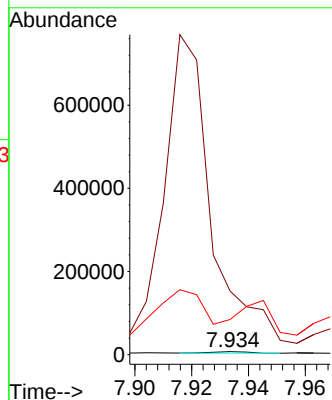
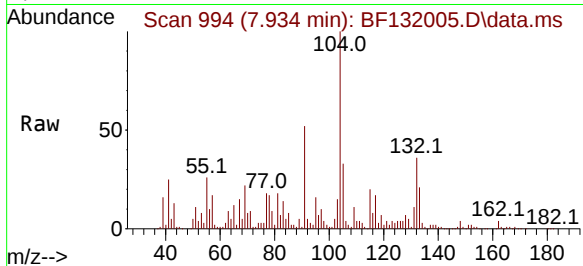




#32
Benzoic acid
Concen: 2.438 ng
RT: 7.934 min Scan# 91
Delta R.T. 0.041 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

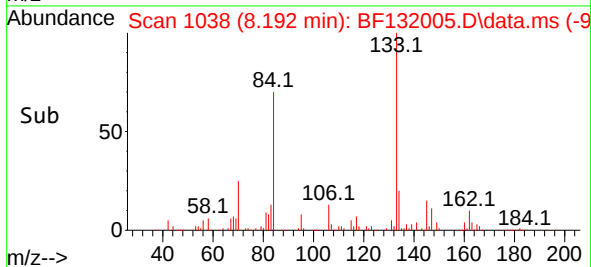
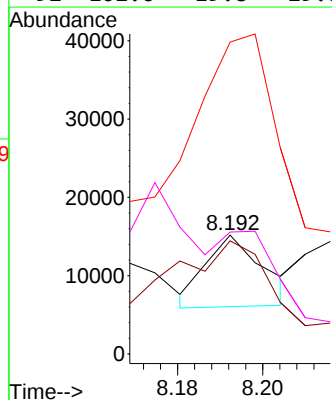
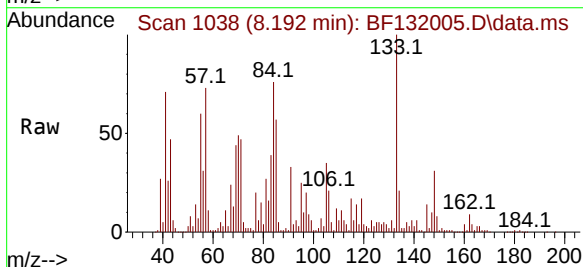
Instrument :
BNA_F
ClientSampleId :
UST-DRUMRE

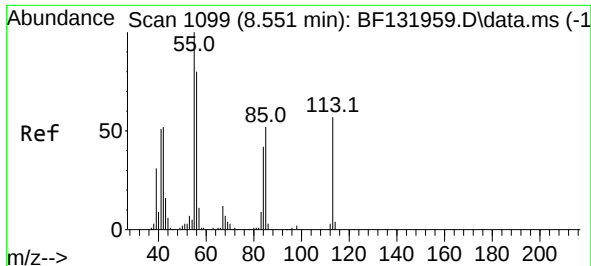
Tgt Ion:122 Resp: 3519
Ion Ratio Lower Upper
122 100
105 2084.2 116.3 156.3#
77 1154.3 92.7 132.7#



#33
4-Chloroaniline
Concen: 2.510 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.035 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

Tgt Ion:127 Resp: 8458
Ion Ratio Lower Upper
127 100
129 95.2 26.5 39.7#
65 262.4 33.1 49.7#
92 102.6 19.8 29.8#

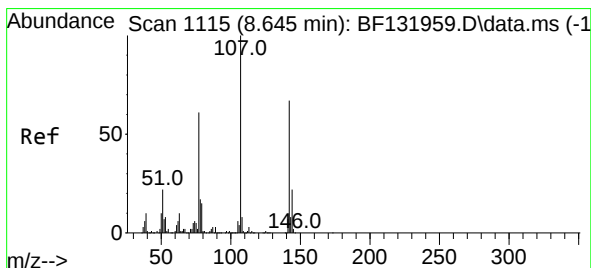
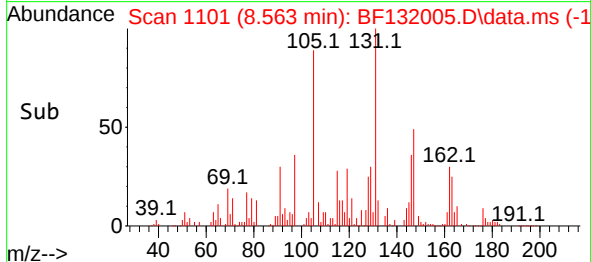
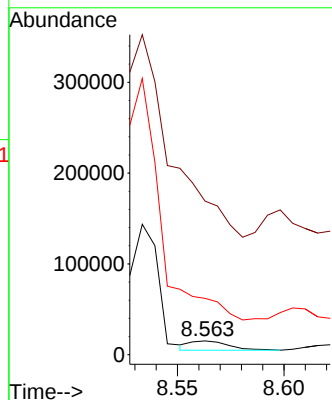
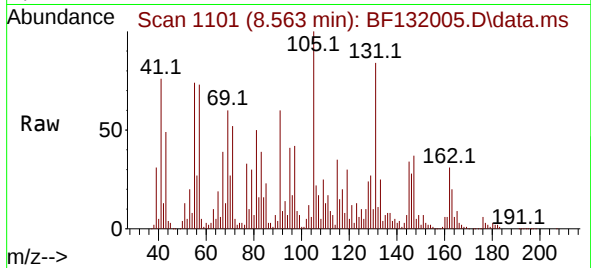




#35
 Caprolactam
 Concen: 17.274 ng
 RT: 8.563 min Scan# 1101
 Delta R.T. 0.012 min
 Lab File: BF132005.D
 Acq: 10 Jan 2023 19:57

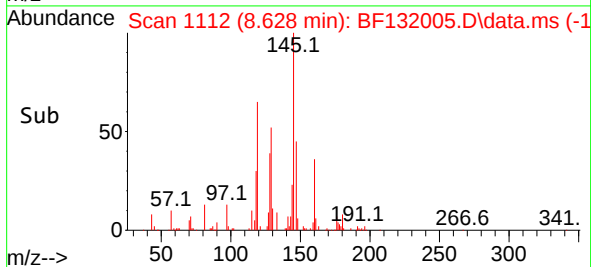
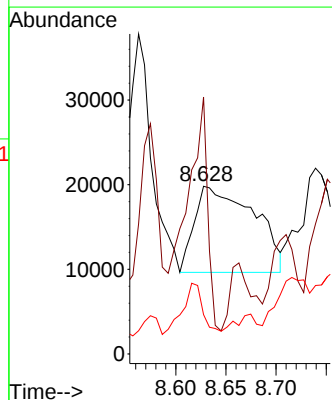
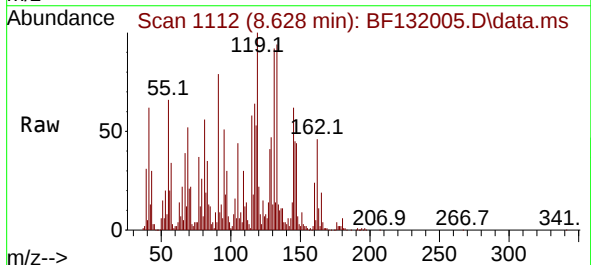
Instrument :
 BNA_F
 ClientSampleId :
 UST-DRUMRE

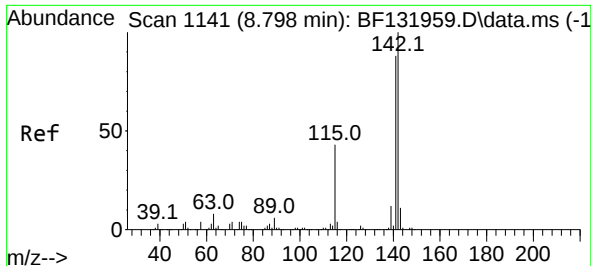
Tgt Ion:113 Resp: 12938
 Ion Ratio Lower Upper
 113 100
 55 1115.3 154.4 194.4#
 56 409.1 119.6 159.6#



#36
 4-Chloro-3-methylphenol
 Concen: 13.983 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. -0.018 min
 Lab File: BF132005.D
 Acq: 10 Jan 2023 19:57

Tgt Ion:107 Resp: 41854
 Ion Ratio Lower Upper
 107 100
 144 153.3 17.4 26.2#
 142 23.5 53.7 80.5#





#37

2-Methylnaphthalene

Concen: 554.023 ng

RT: 8.845 min Scan# 1149

Delta R.T. 0.047 min

Lab File: BF132005.D

Acq: 10 Jan 2023 19:57

Instrument :

BNA_F

ClientSampleId :

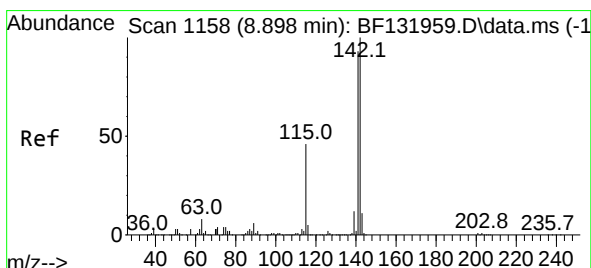
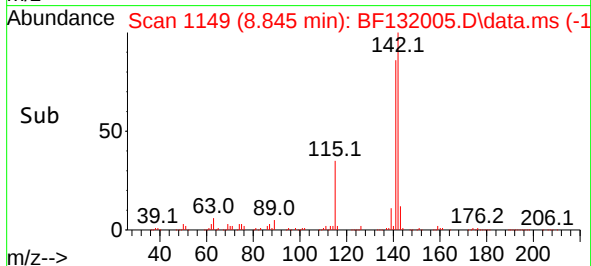
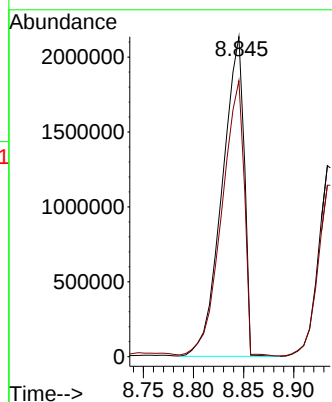
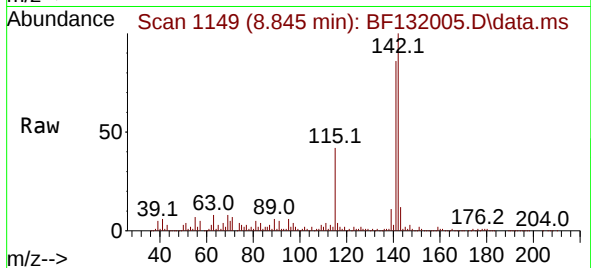
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Tgt Ion:142 Resp: 3249839

Ion Ratio Lower Upper

142 100

141 86.3 70.6 106.0



#38

1-Methylnaphthalene

Concen: 324.792 ng

RT: 8.933 min Scan# 1164

Delta R.T. 0.035 min

Lab File: BF132005.D

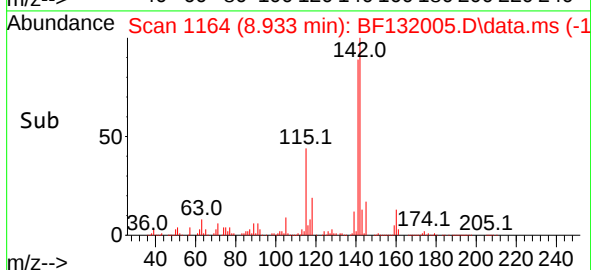
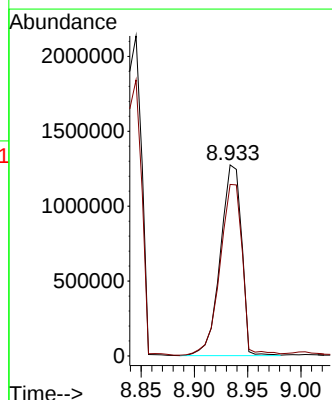
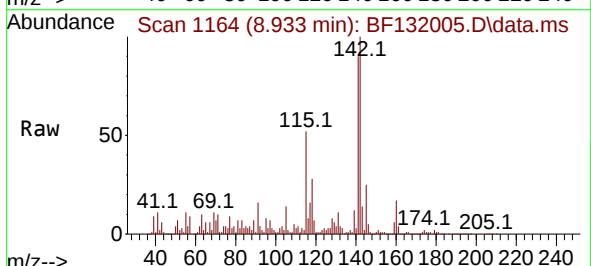
Acq: 10 Jan 2023 19:57

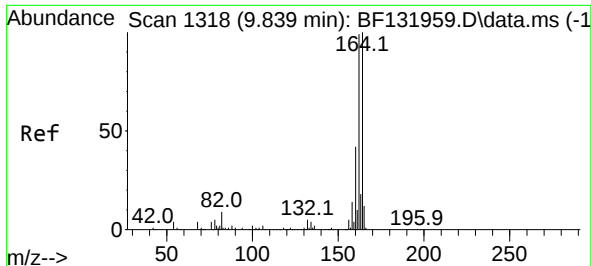
Tgt Ion:142 Resp: 1765114

Ion Ratio Lower Upper

142 100

141 89.8 74.3 111.5

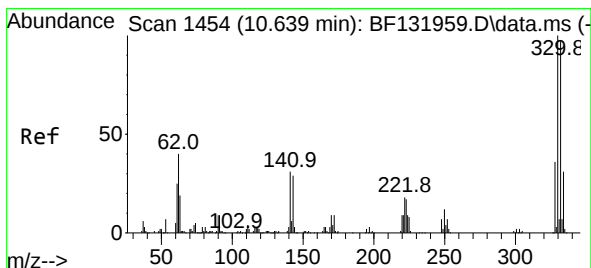
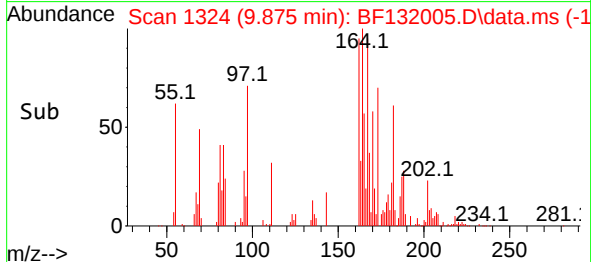
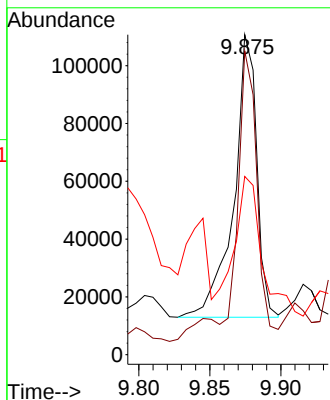
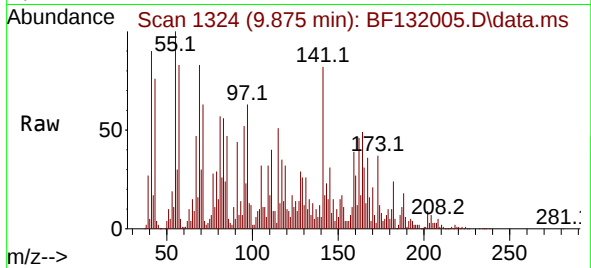




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

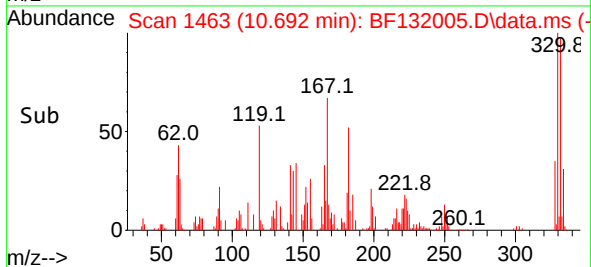
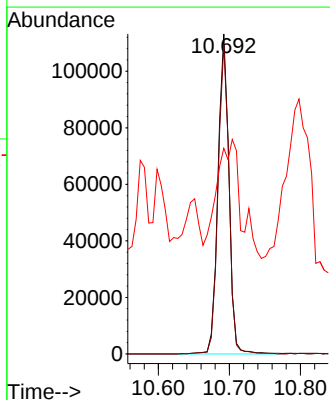
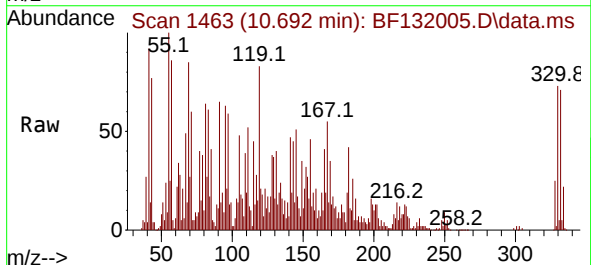
Instrument :
BNA_F
ClientSampleId :
UST-DRUMRE

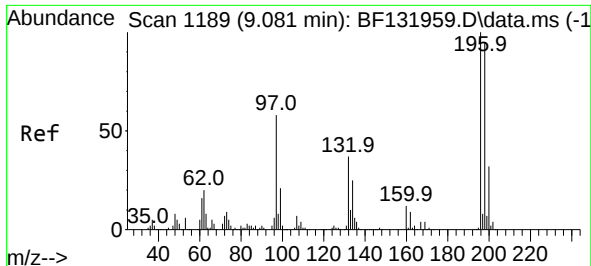
Tgt Ion:164 Resp: 109993
Ion Ratio Lower Upper
164 100
162 94.9 79.4 119.0
160 55.7 33.9 50.9#



#42
2,4,6-Tribromophenol
Concen: 95.463 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.053 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

Tgt Ion:330 Resp: 120730
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 59.8 31.3 46.9#





#43

2,4,6-Trichlorophenol

Concen: 2.639 ng

RT: 9.133 min Scan# 1198

Delta R.T. 0.053 min

Lab File: BF132005.D

Acq: 10 Jan 2023 19:57

Instrument :

BNA_F

ClientSampleId :

UST-DRUMRE

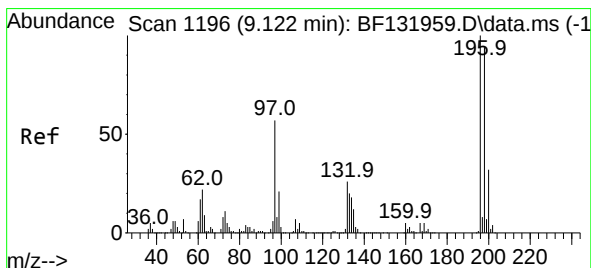
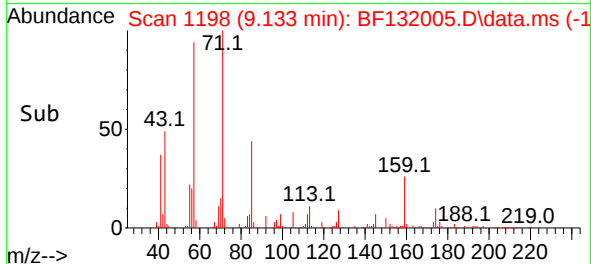
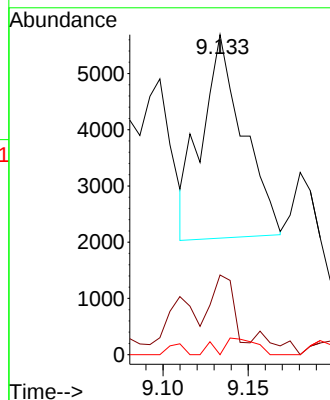
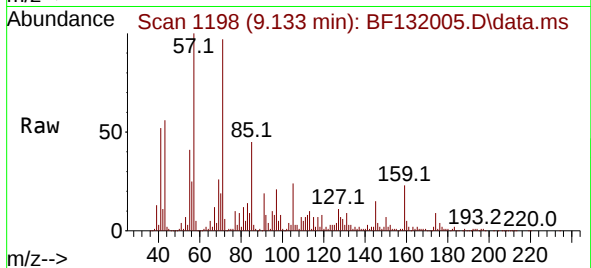
Tgt Ion:196 Resp: 6157

Ion Ratio Lower Upper

196 100

198 24.9 76.3 114.5#

200 0.0 25.8 38.6#



#44

2,4,5-Trichlorophenol

Concen: 2.327 ng

RT: 9.133 min Scan# 1198

Delta R.T. 0.012 min

Lab File: BF132005.D

Acq: 10 Jan 2023 19:57

Tgt Ion:196 Resp: 6319

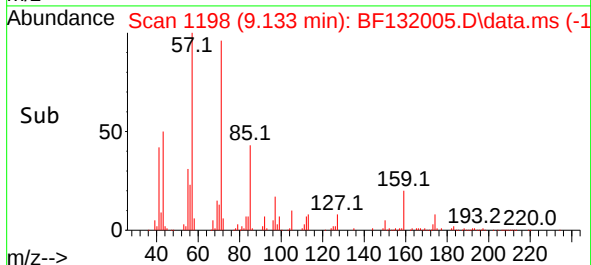
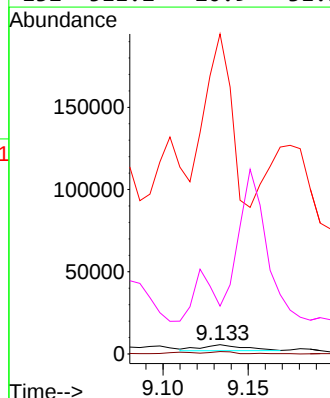
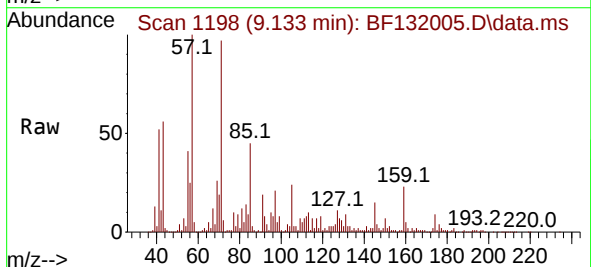
Ion Ratio Lower Upper

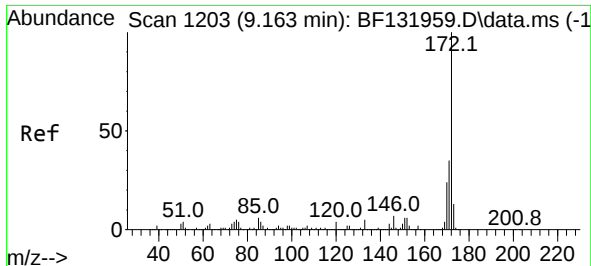
196 100

198 24.9 75.3 112.9#

97 3420.5 45.6 68.4#

132 511.2 20.9 31.3#





#45

2-Fluorobiphenyl

Concen: 76.001 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.023 min

Lab File: BF132005.D

Acq: 10 Jan 2023 19:57

Instrument :

BNA_F

ClientSampleId :

UST-DRUMRE

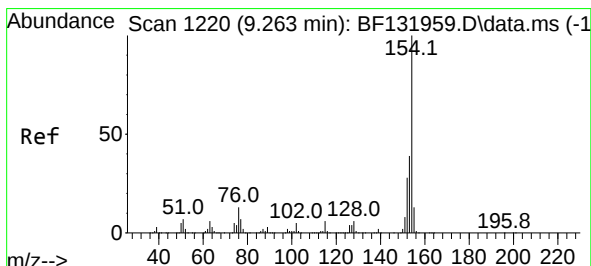
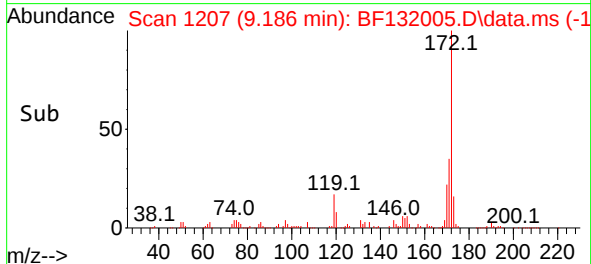
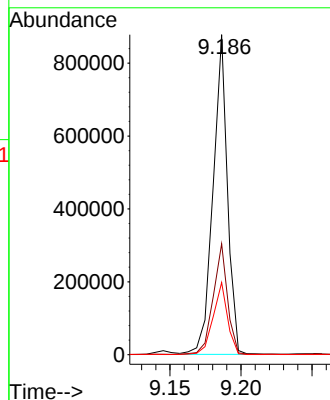
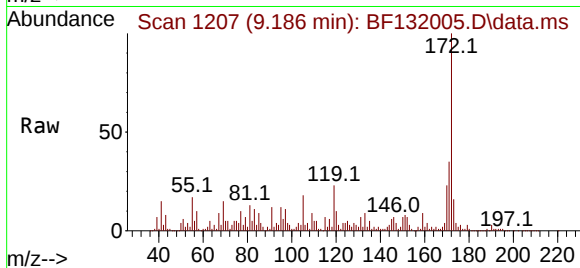
Tgt Ion:172 Resp: 619242

Ion Ratio Lower Upper

172 100

171 34.7 28.0 42.0

170 22.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 51.855 ng

RT: 9.286 min Scan# 1224

Delta R.T. 0.023 min

Lab File: BF132005.D

Acq: 10 Jan 2023 19:57

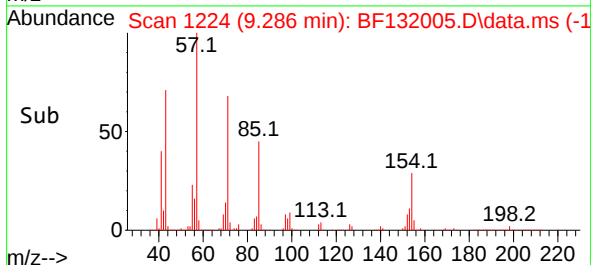
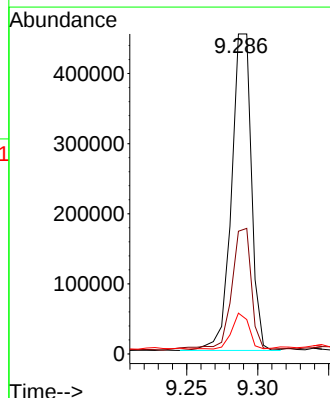
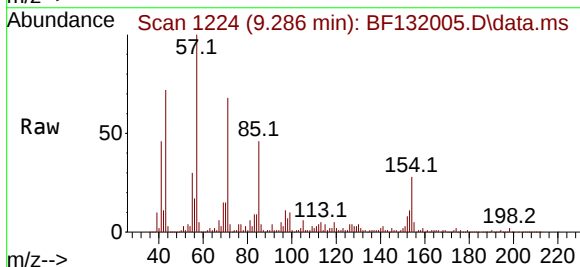
Tgt Ion:154 Resp: 440235

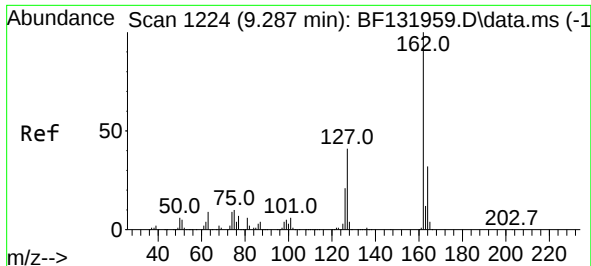
Ion Ratio Lower Upper

154 100

153 38.3 18.9 58.9

76 12.8 0.0 33.2

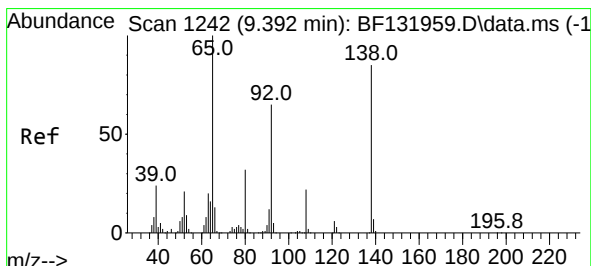
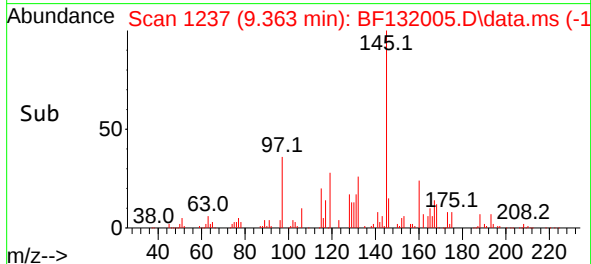
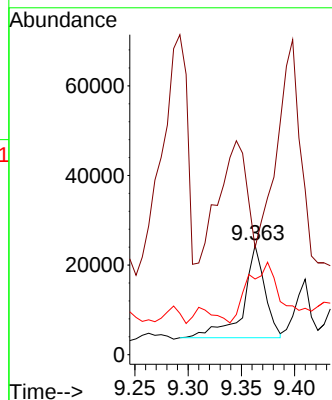
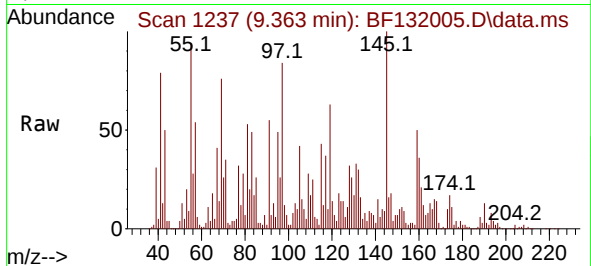




#47
2-Chloronaphthalene
Concen: 4.410 ng
RT: 9.363 min Scan# 11
Delta R.T. 0.076 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

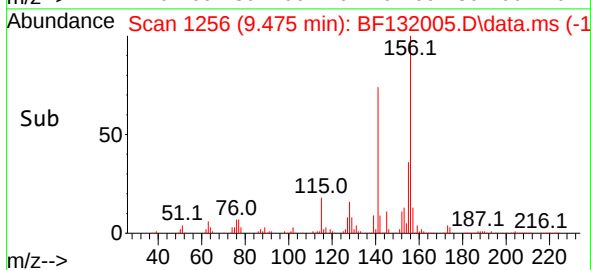
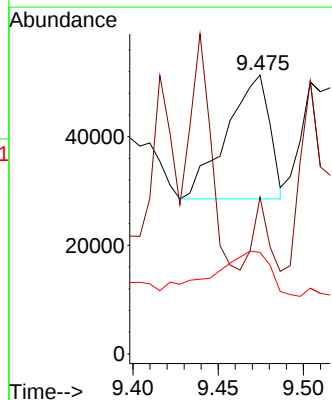
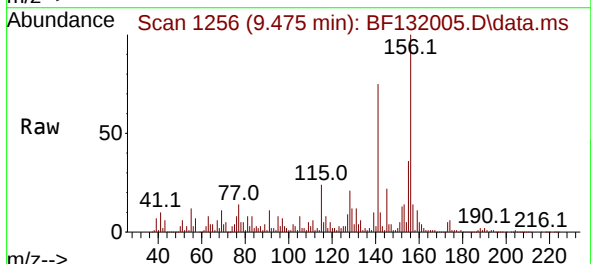
Instrument :
BNA_F
ClientSampleId :
UST-DRUMRE

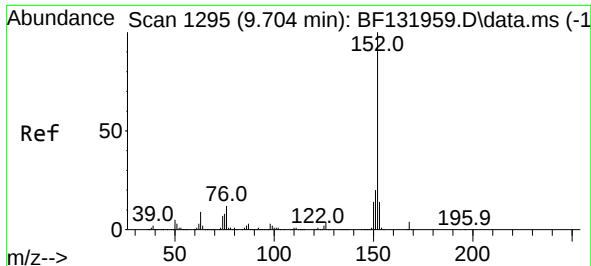
Tgt Ion:162 Resp: 29057
Ion Ratio Lower Upper
162 100
127 97.9 33.0 49.4#
164 69.2 25.8 38.8#



#48
2-Nitroaniline
Concen: 16.659 ng
RT: 9.475 min Scan# 1256
Delta R.T. 0.082 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

Tgt Ion: 65 Resp: 39869
Ion Ratio Lower Upper
65 100
92 56.2 52.2 78.2
138 36.5 67.8 101.8#





#49

Acenaphthylene

Concen: 7.511 ng

RT: 9.745 min Scan# 11

Delta R.T. 0.041 min

Lab File: BF132005.D

Acq: 10 Jan 2023 19:57

Instrument :

BNA_F

ClientSampleId :

UST-DRUMRE

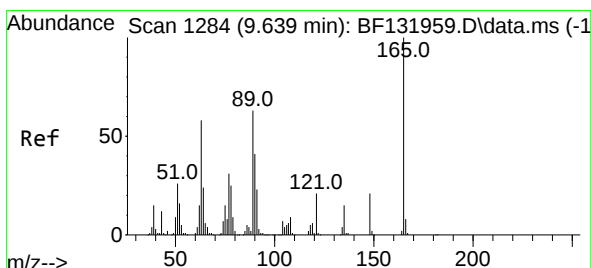
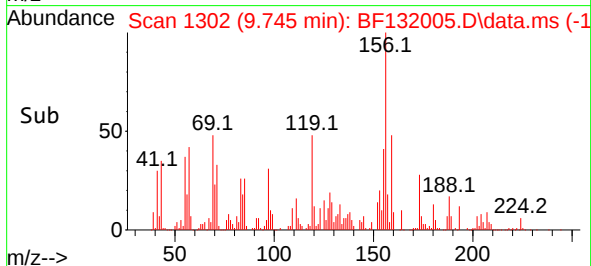
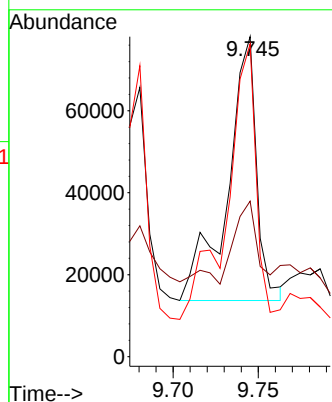
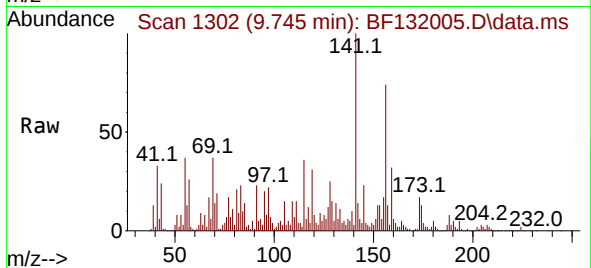
Tgt Ion:152 Resp: 76801

Ion Ratio Lower Upper

152 100

151 48.6 16.2 24.2#

153 97.8 10.8 16.2#



#51

2,6-Dinitrotoluene

Concen: 8.444 ng

RT: 9.716 min Scan# 1297

Delta R.T. 0.077 min

Lab File: BF132005.D

Acq: 10 Jan 2023 19:57

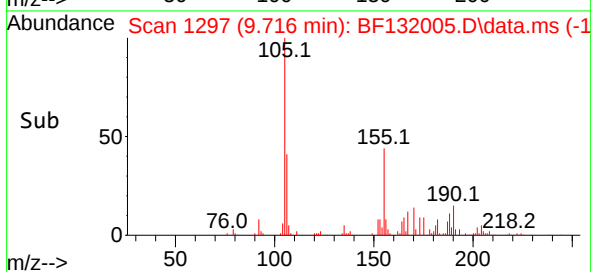
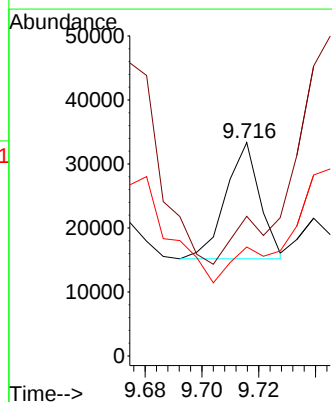
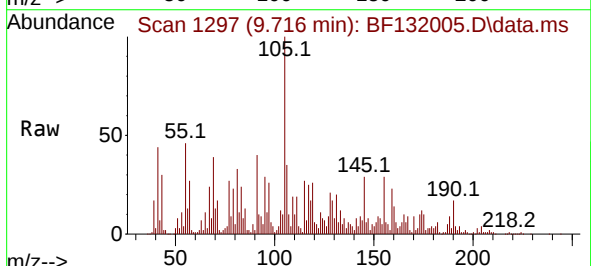
Tgt Ion:165 Resp: 15227

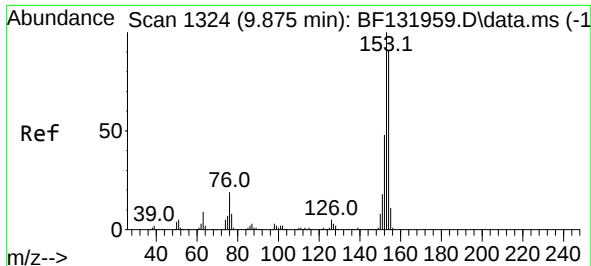
Ion Ratio Lower Upper

165 100

63 65.5 47.4 71.0

89 51.0 50.2 75.2

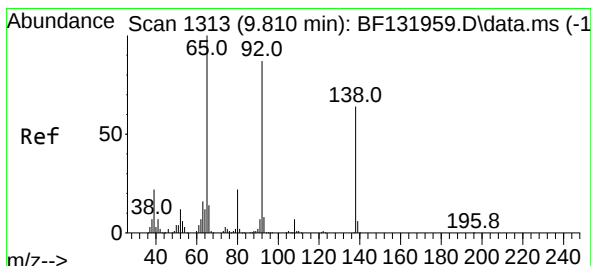
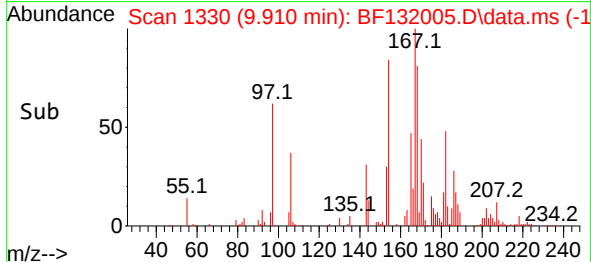
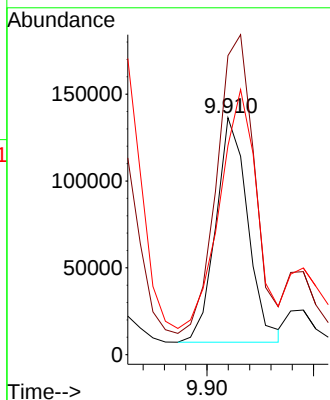
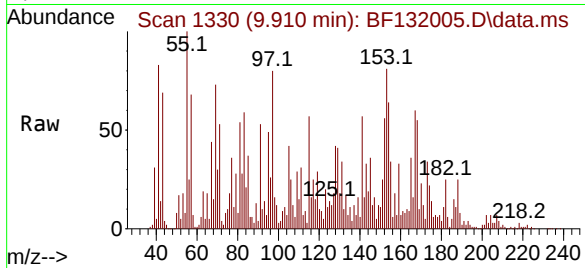




#52
Acenaphthene
Concen: 21.979 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.035 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

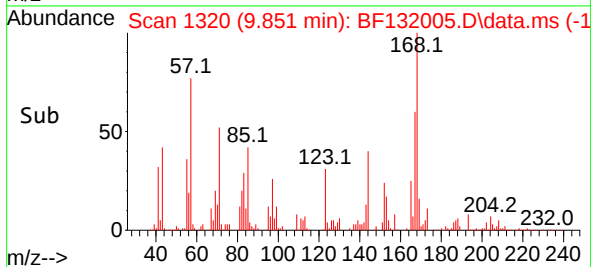
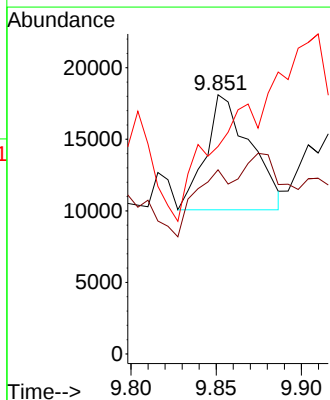
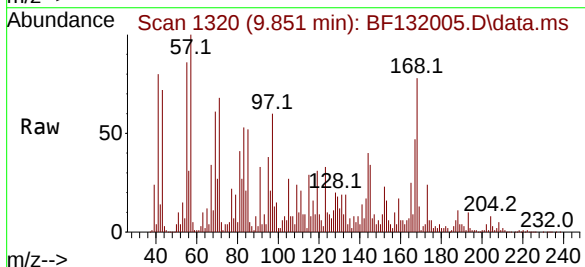
Instrument :
BNA_F
ClientSampleId :
UST-DRUMRE

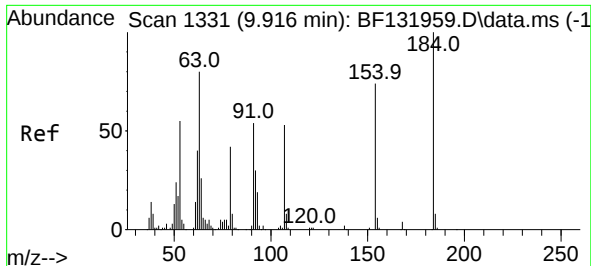
Tgt Ion:154 Resp: 134904
Ion Ratio Lower Upper
154 100
153 126.2 87.7 131.5
152 88.2 42.2 63.2#



#53
3-Nitroaniline
Concen: 8.406 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.041 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

Tgt Ion:138 Resp: 14707
Ion Ratio Lower Upper
138 100
108 71.0 8.8 13.2#
92 80.1 108.1 162.1#

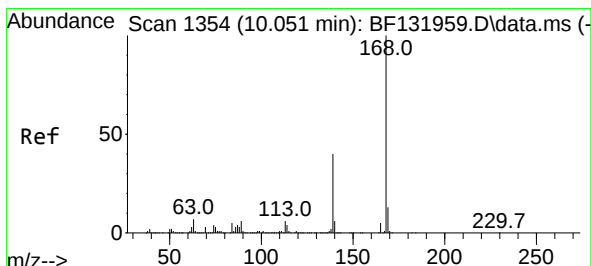
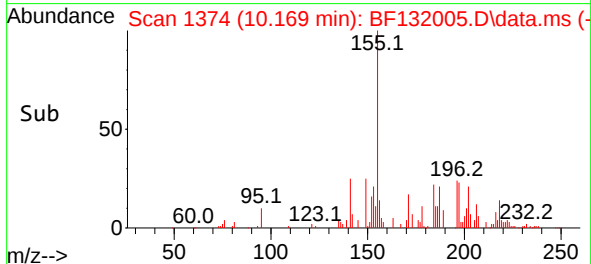
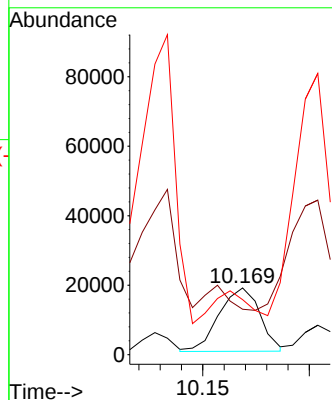
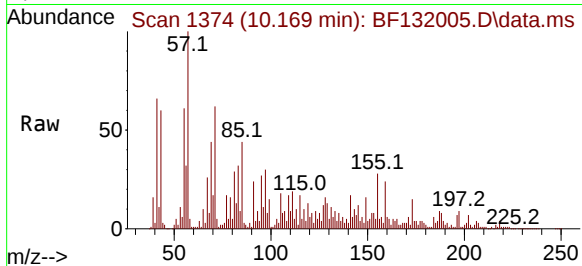




#54
2,4-Dinitrophenol
Concen: 26.786 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.253 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

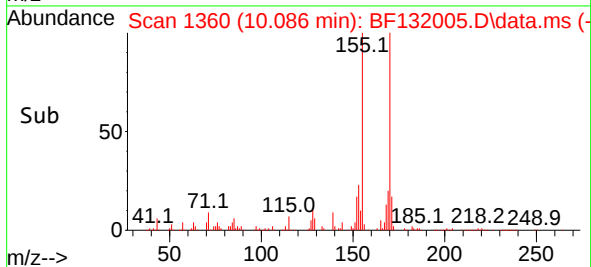
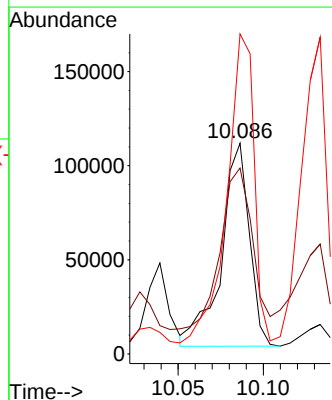
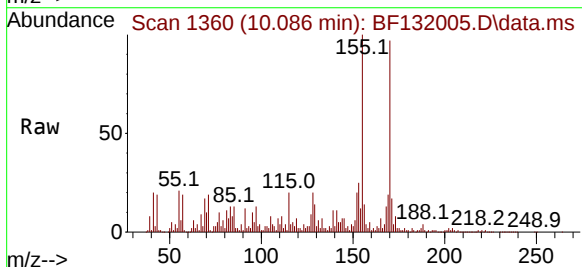
Instrument :
BNA_F
ClientSampleId :
UST-DRUMRE

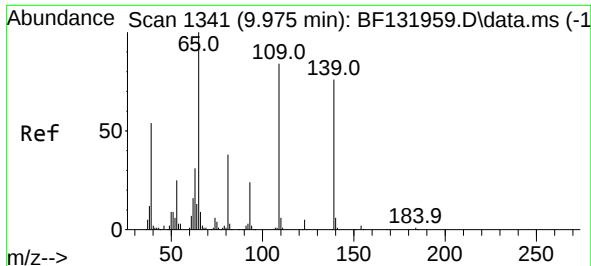
Tgt Ion:184 Resp: 24252
Ion Ratio Lower Upper
184 100
63 68.1 63.7 95.5
154 82.4 60.1 90.1



#55
Dibenzofuran
Concen: 12.769 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.035 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

Tgt Ion:168 Resp: 123538
Ion Ratio Lower Upper
168 100
139 88.2 32.4 48.6#
169 151.9 10.7 16.1#

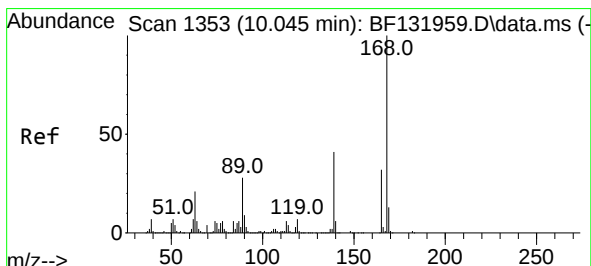
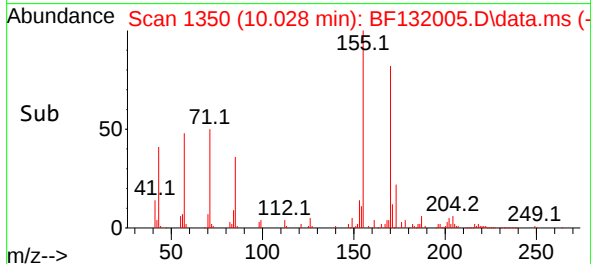
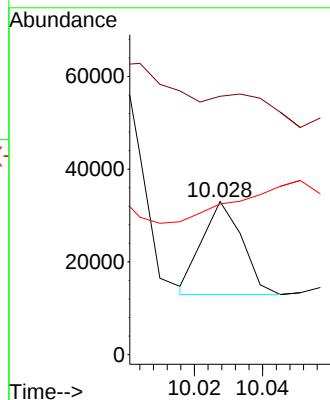
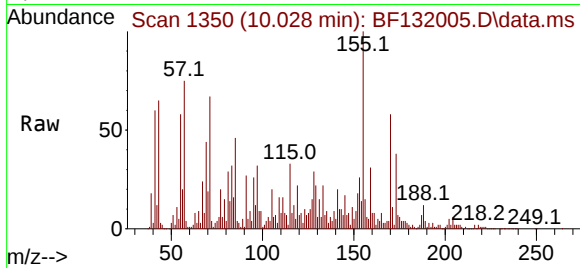




#56
4-Nitrophenol
Concen: 16.553 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.053 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

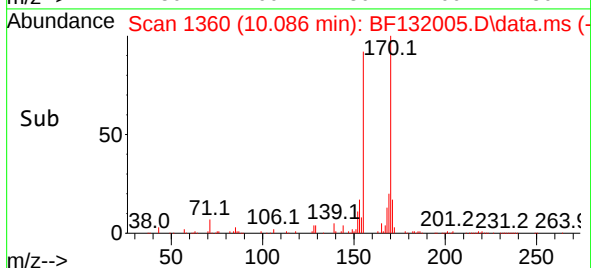
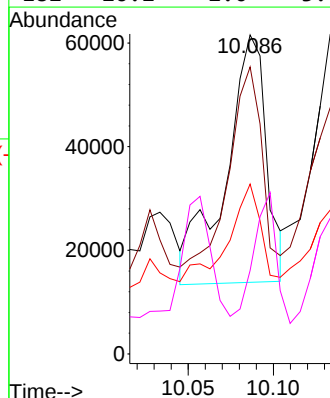
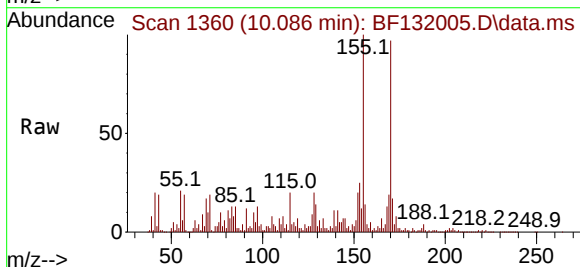
Instrument :
BNA_F
ClientSampleId :
UST-DRUMRE

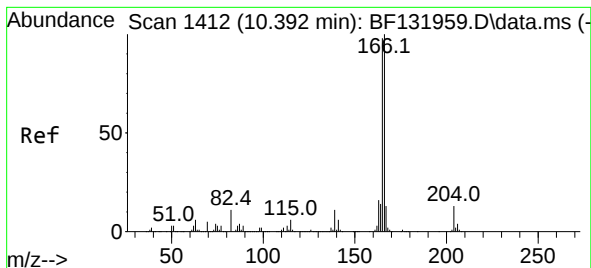
Tgt Ion:139 Resp: 16312
Ion Ratio Lower Upper
139 100
109 168.8 90.5 130.5#
65 98.4 112.6 152.6#



#57
2,4-Dinitrotoluene
Concen: 33.195 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.041 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

Tgt Ion:165 Resp: 80031
Ion Ratio Lower Upper
165 100
63 90.0 53.2 79.8#
89 53.3 71.2 106.8#
182 26.2 2.0 3.0#





#58

Fluorene

Concen: 41.445 ng

RT: 10.433 min Scan# 1419

Delta R.T. 0.041 min

Lab File: BF132005.D

Acq: 10 Jan 2023 19:57

Instrument :

BNA_F

ClientSampleId :

UST-DRUMRE

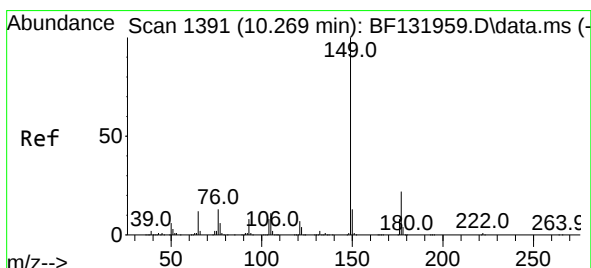
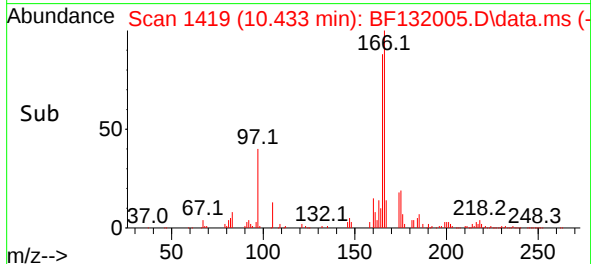
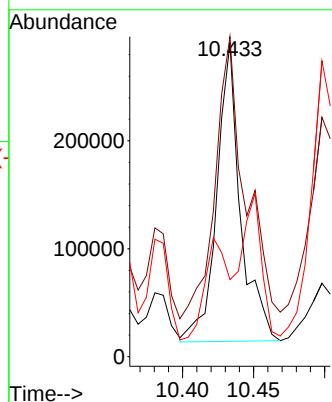
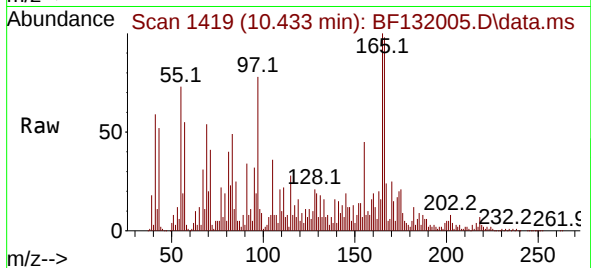
Tgt Ion:166 Resp: 320312

Ion Ratio Lower Upper

166 100

165 102.0 78.3 117.5

167 24.6 10.7 16.1#



#60

Diethylphthalate

Concen: 3.882 ng

RT: 10.333 min Scan# 1402

Delta R.T. 0.065 min

Lab File: BF132005.D

Acq: 10 Jan 2023 19:57

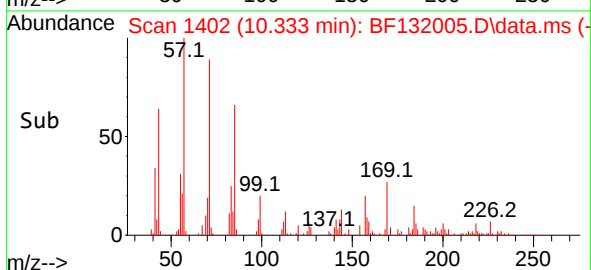
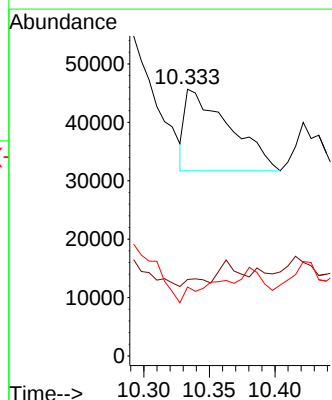
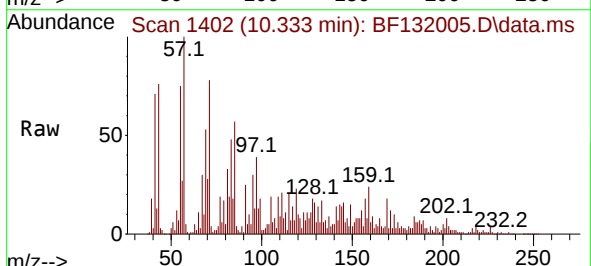
Tgt Ion:149 Resp: 32730

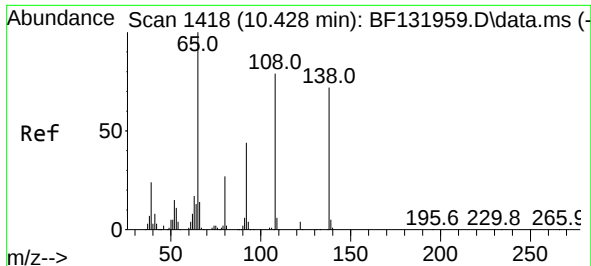
Ion Ratio Lower Upper

149 100

177 28.7 17.7 26.5#

150 25.9 10.2 15.2#

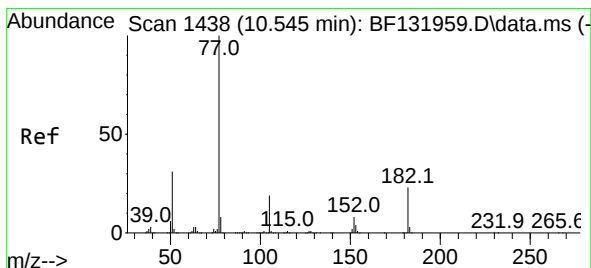
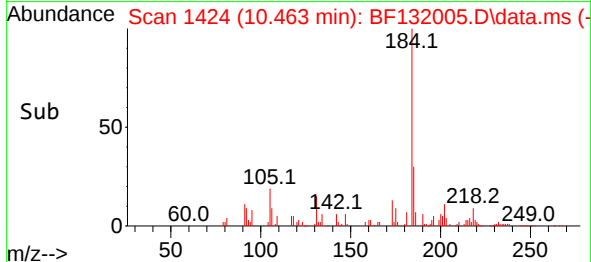
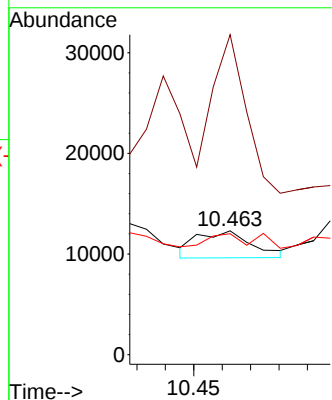
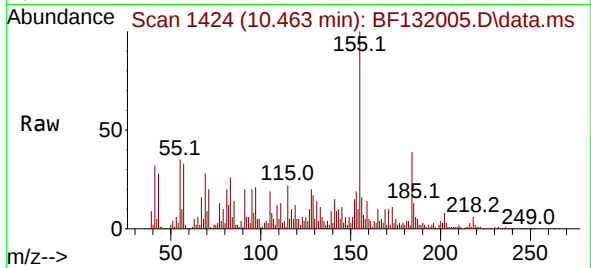




#62
4-Nitroaniline
Concen: 2.248 ng
RT: 10.463 min Scan# 1418
Delta R.T. 0.035 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

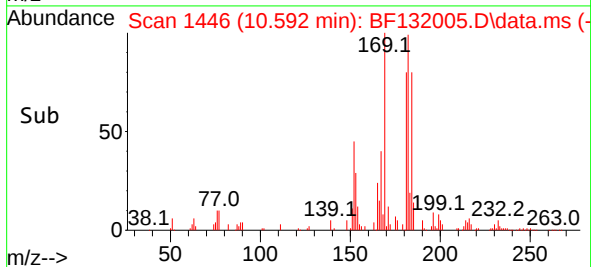
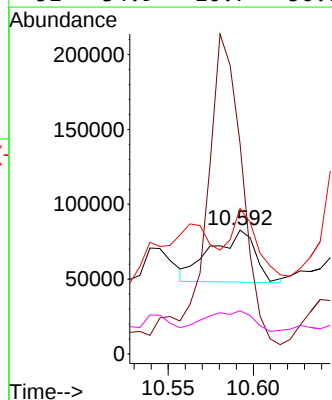
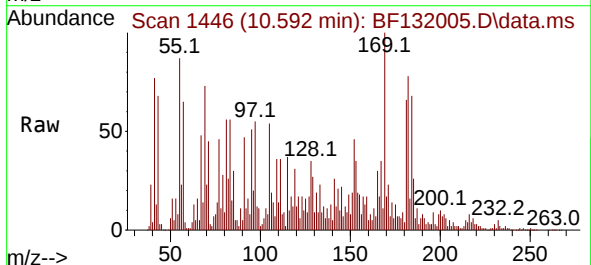
Instrument :
BNA_F
ClientSampleId :
UST-DRUMRE

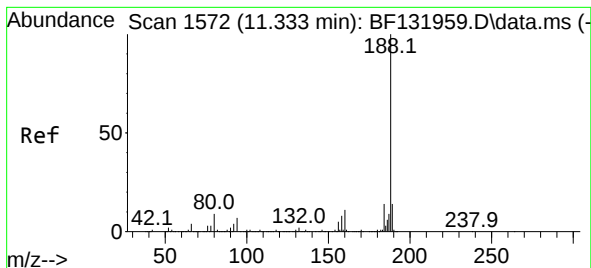
Tgt Ion:138 Resp: 3537
Ion Ratio Lower Upper
138 100
92 258.4 41.3 81.3#
108 97.7 89.8 129.8



#63
Azobenzene
Concen: 6.914 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.047 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

Tgt Ion: 77 Resp: 61835
Ion Ratio Lower Upper
77 100
182 170.0 2.9 42.9#
105 117.3 0.0 39.3#
51 34.9 10.7 50.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 11

Delta R.T. 0.041 min

Lab File: BF132005.D

Acq: 10 Jan 2023 19:57

Instrument :

BNA_F

ClientSampleId :

UST-DRUMRE

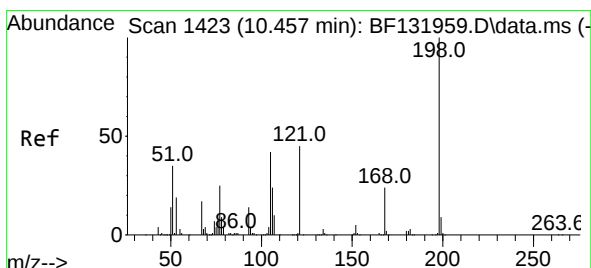
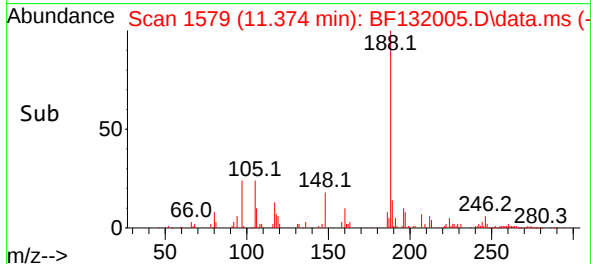
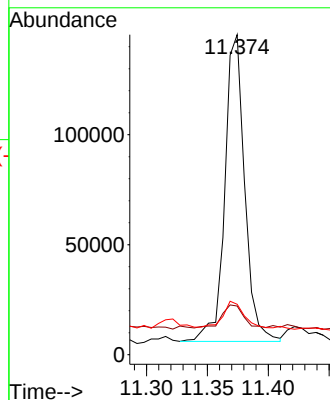
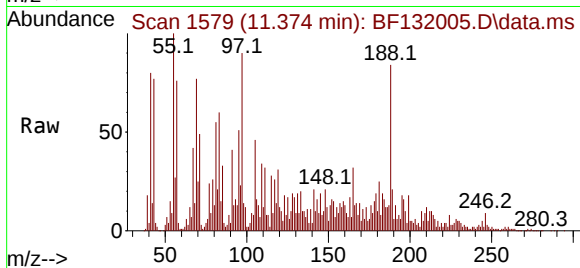
Tgt Ion:188 Resp: 159129

Ion Ratio Lower Upper

188 100

94 15.2 5.8 8.6#

80 15.8 7.4 11.0#



#65

4,6-Dinitro-2-methylphenol

Concen: 2.966 ng

RT: 10.498 min Scan# 1430

Delta R.T. 0.041 min

Lab File: BF132005.D

Acq: 10 Jan 2023 19:57

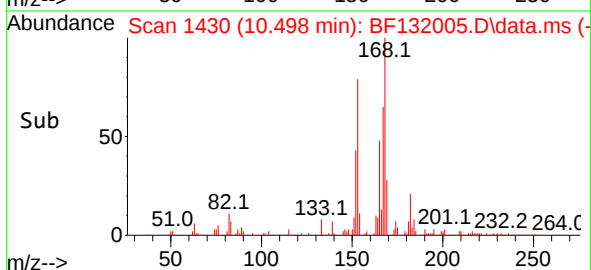
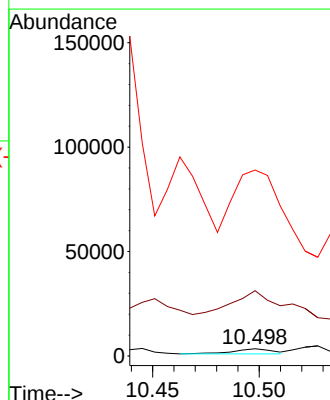
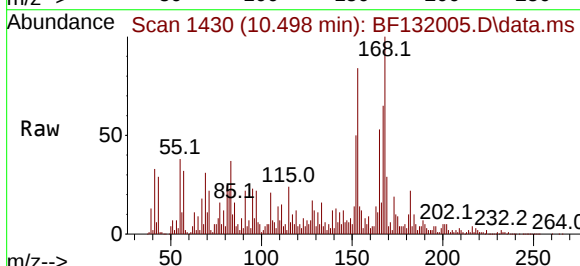
Tgt Ion:198 Resp: 3044

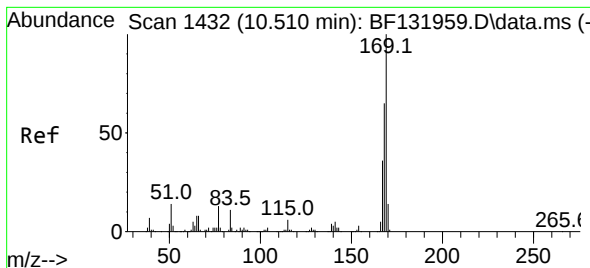
Ion Ratio Lower Upper

198 100

51 908.3 21.4 61.4#

105 2587.1 23.0 63.0#

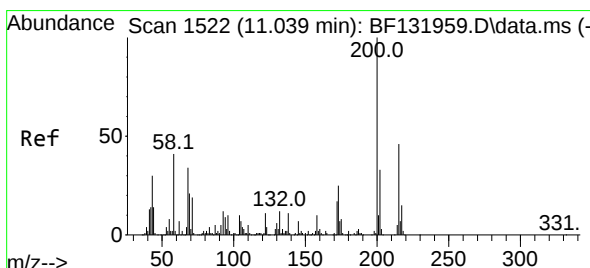
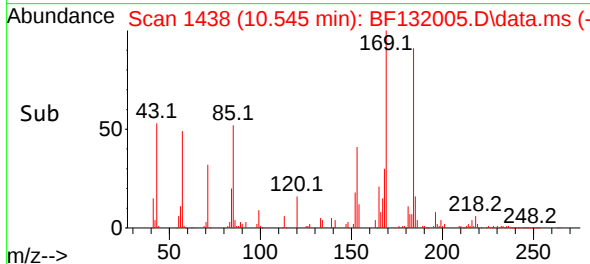
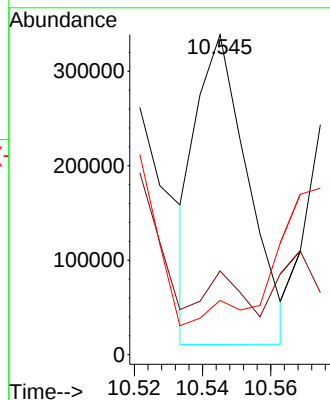
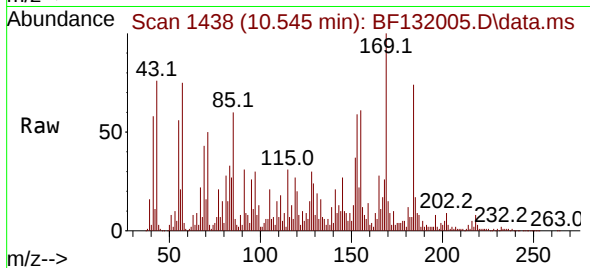




#66
n-Nitrosodiphenylamine
Concen: 68.666 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.035 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

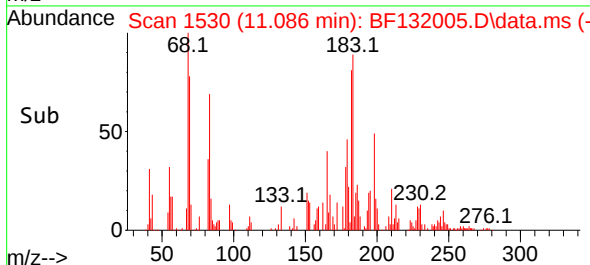
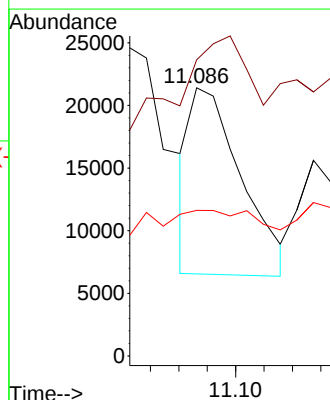
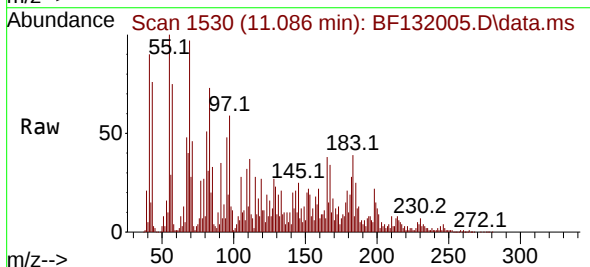
Instrument :
BNA_F
ClientSampleId :
UST-DRUMRE

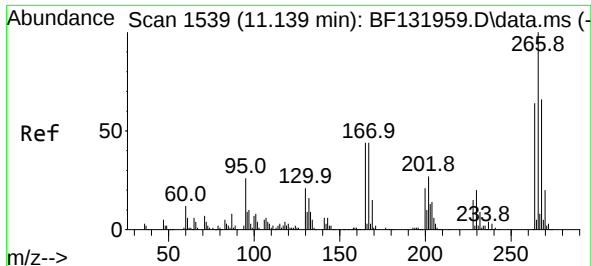
Tgt Ion:169 Resp: 342806
Ion Ratio Lower Upper
169 100
168 26.1 52.5 78.7#
167 17.0 28.6 43.0#



#69
Atrazine
Concen: 10.244 ng
RT: 11.086 min Scan# 1530
Delta R.T. 0.047 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

Tgt Ion:200 Resp: 18598
Ion Ratio Lower Upper
200 100
173 110.5 5.1 45.1#
215 54.3 25.6 65.6

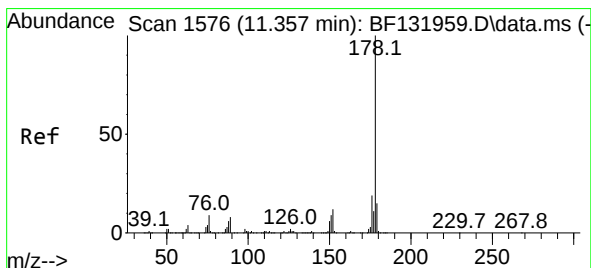
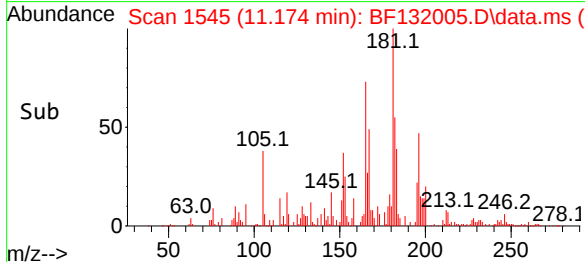
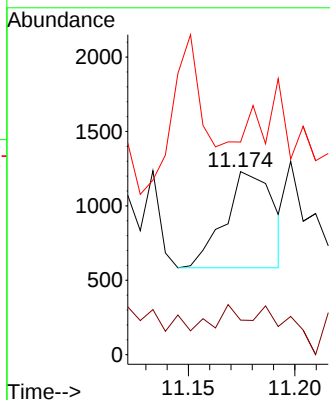
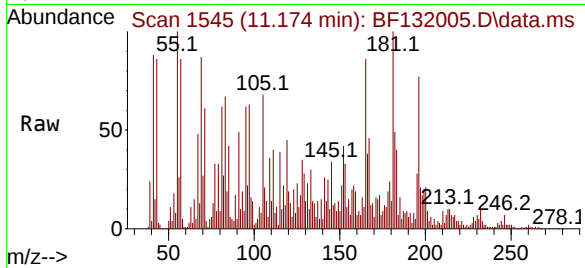




#70
Pentachlorophenol
Concen: 5.249 ng
RT: 11.174 min Scan# 1545
Delta R.T. 0.035 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

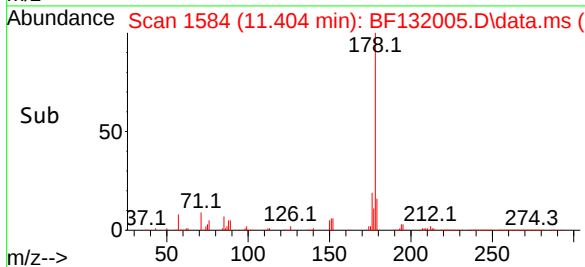
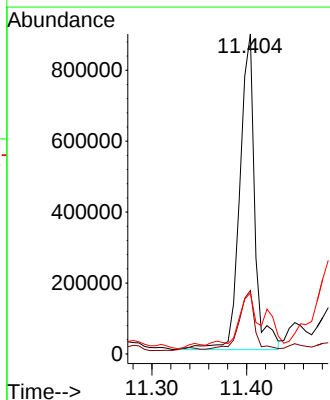
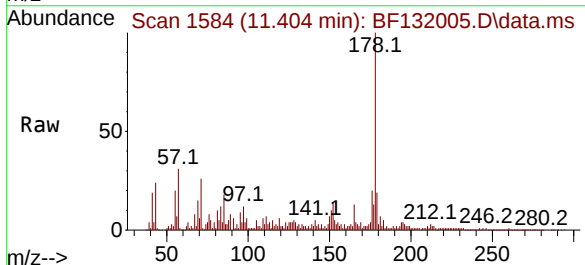
Instrument :
BNA_F
ClientSampleId :
UST-DRUMRE

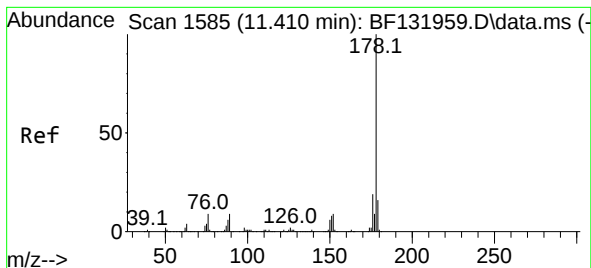
Tgt Ion:266 Resp: 1012
Ion Ratio Lower Upper
266 100
268 18.9 52.7 79.1#
264 116.2 51.6 77.4#



#71
Phenanthrene
Concen: 117.565 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.047 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

Tgt Ion:178 Resp: 975255
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 19.1 12.4 18.6#





#72

Anthracene

Concen: 10.591 ng

RT: 11.451 min Scan# 1

Delta R.T. 0.041 min

Lab File: BF132005.D

Acq: 10 Jan 2023 19:57

Instrument :

BNA_F

ClientSampleId :

UST-DRUMRE

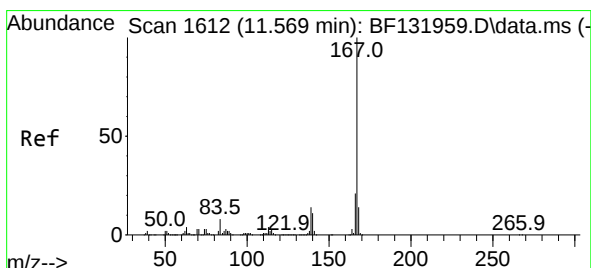
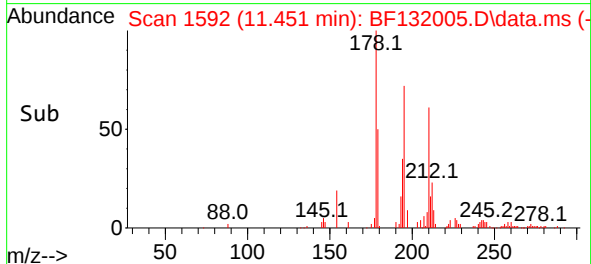
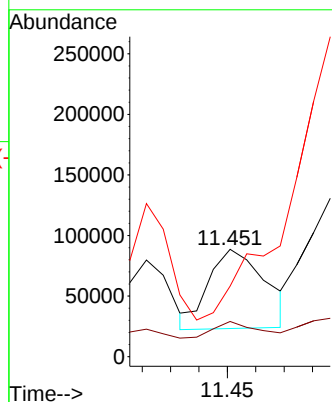
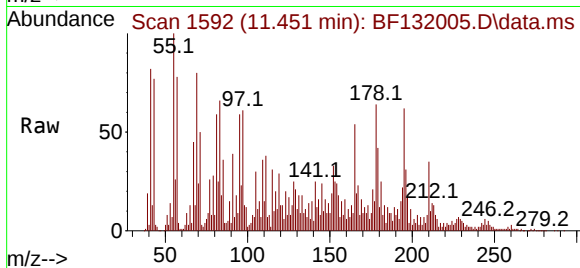
Tgt Ion:178 Resp: 90445

Ion Ratio Lower Upper

178 100

176 32.8 15.3 22.9#

179 65.7 12.6 19.0#



#73

Carbazole

Concen: 13.325 ng

RT: 11.616 min Scan# 1620

Delta R.T. 0.047 min

Lab File: BF132005.D

Acq: 10 Jan 2023 19:57

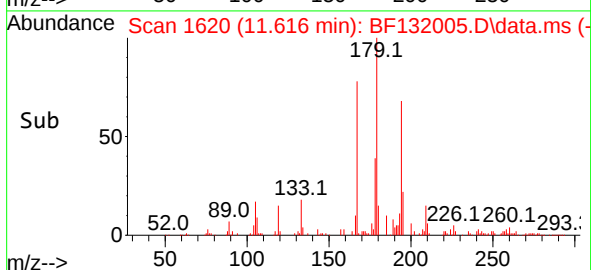
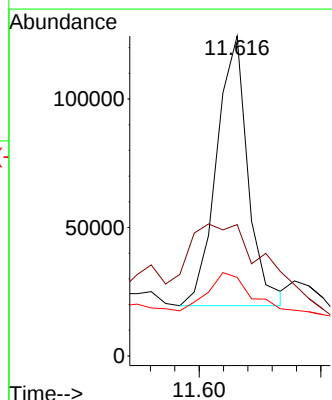
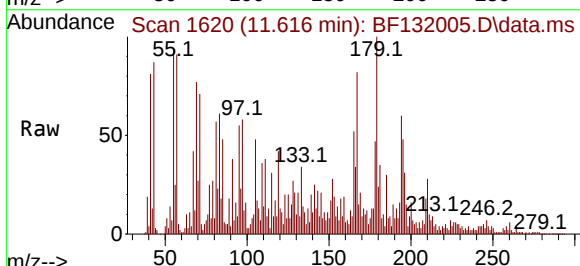
Tgt Ion:167 Resp: 94207

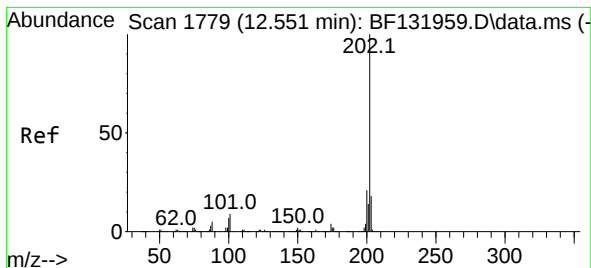
Ion Ratio Lower Upper

167 100

166 41.1 16.8 25.2#

139 24.5 11.1 16.7#





#75

Fluoranthene

Concen: 24.764 ng

RT: 12.810 min Scan# 1823

Delta R.T. 0.259 min

Lab File: BF132005.D

Acq: 10 Jan 2023 19:57

Instrument :

BNA_F

ClientSampleId :

UST-DRUMRE

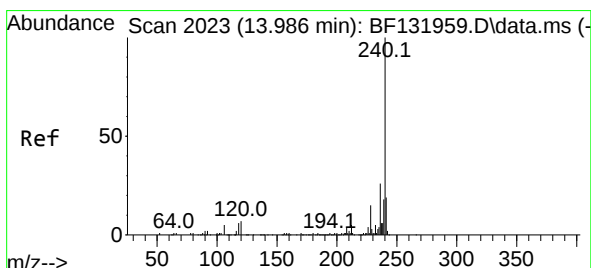
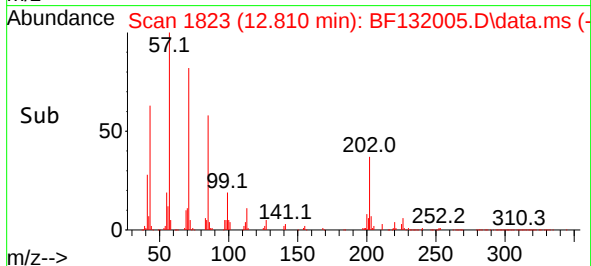
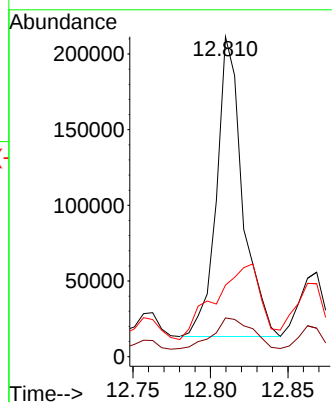
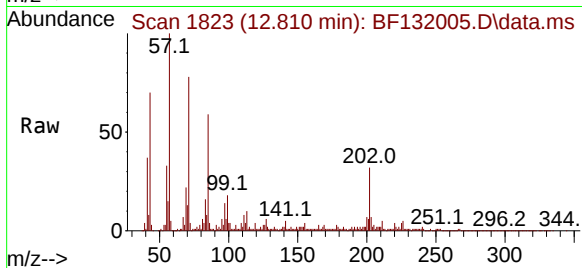
Tgt Ion:202 Resp: 231032

Ion Ratio Lower Upper

202 100

101 12.1 0.0 28.8

203 22.3 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.006 min

Lab File: BF132005.D

Acq: 10 Jan 2023 19:57

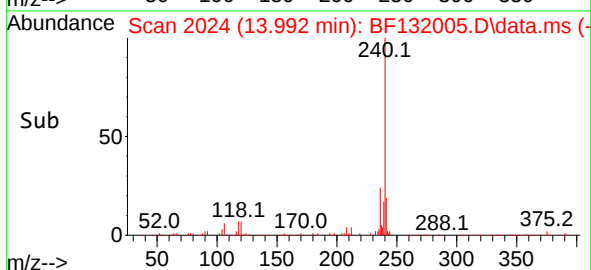
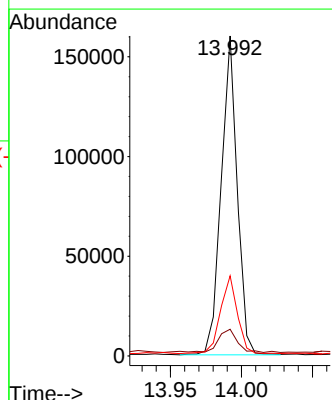
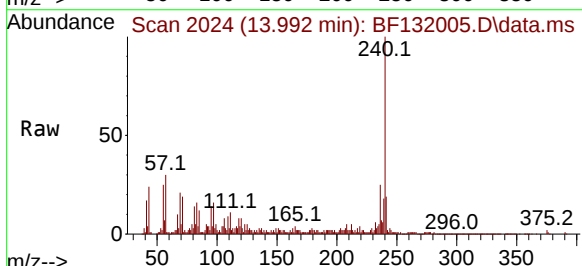
Tgt Ion:240 Resp: 125213

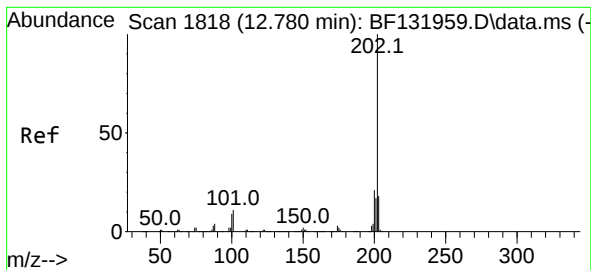
Ion Ratio Lower Upper

240 100

120 8.3 5.4 8.0#

236 25.0 21.1 31.7





#78

Pyrene

Concen: 2.977 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.018 min

Lab File: BF132005.D

Acq: 10 Jan 2023 19:57

Instrument :

BNA_F

ClientSampleId :

UST-DRUMRE

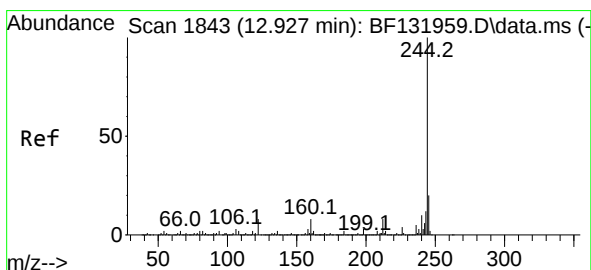
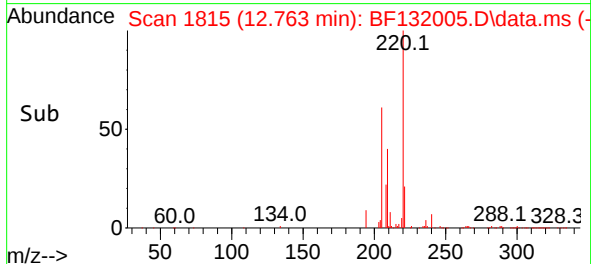
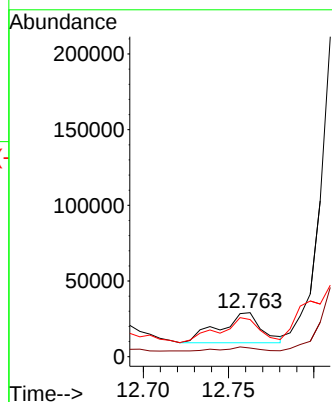
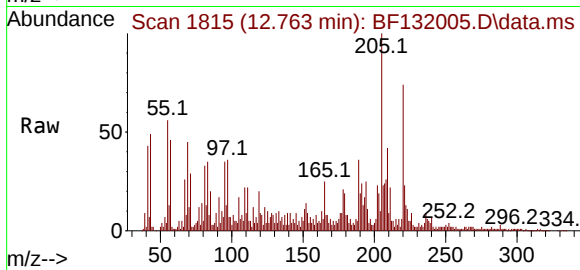
Tgt Ion:202 Resp: 33999

Ion Ratio Lower Upper

202 100

200 19.6 17.0 25.6

203 84.2 14.1 21.1#



#79

Terphenyl-d14

Concen: 74.718 ng

RT: 12.945 min Scan# 1846

Delta R.T. 0.017 min

Lab File: BF132005.D

Acq: 10 Jan 2023 19:57

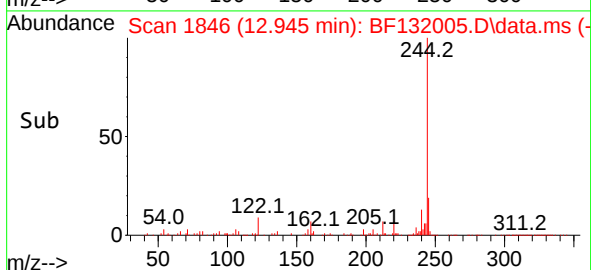
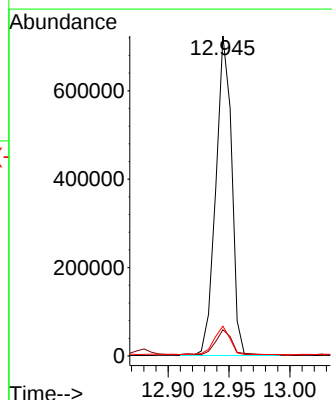
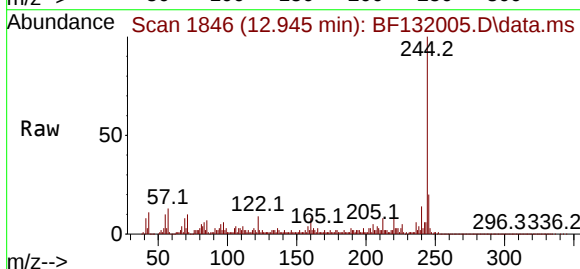
Tgt Ion:244 Resp: 652746

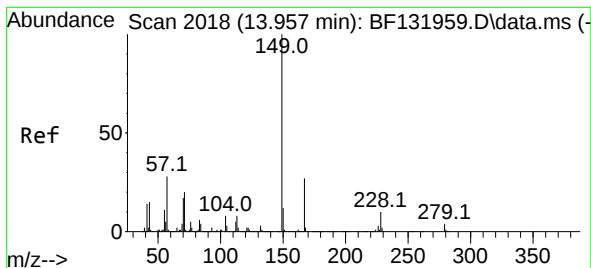
Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

122 9.3 6.8 10.2

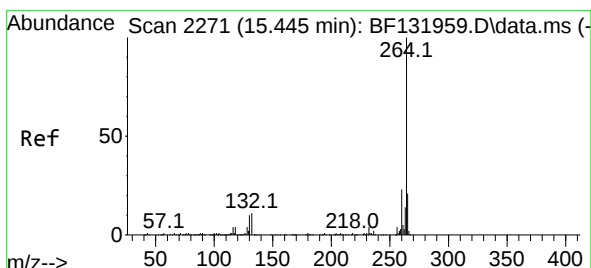
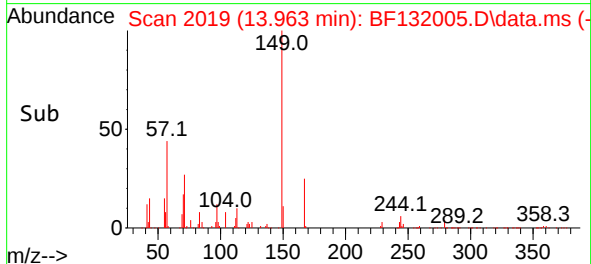
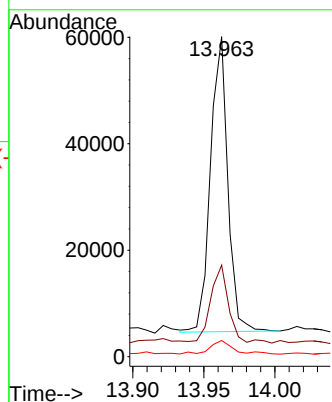
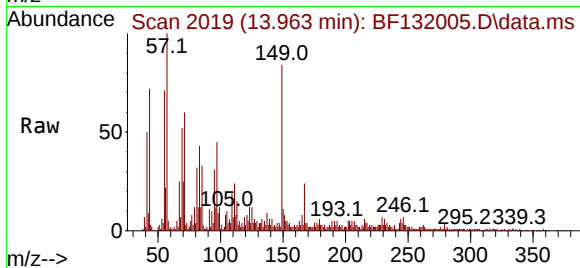




#84
Bis(2-ethylhexyl)phthalate
Concen: 7.513 ng
RT: 13.963 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

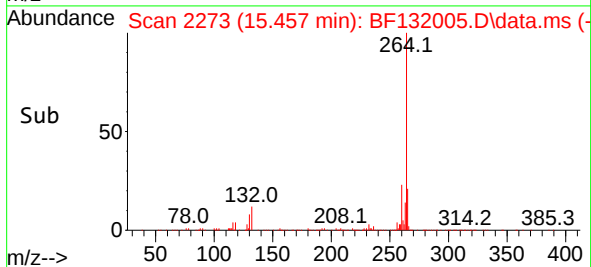
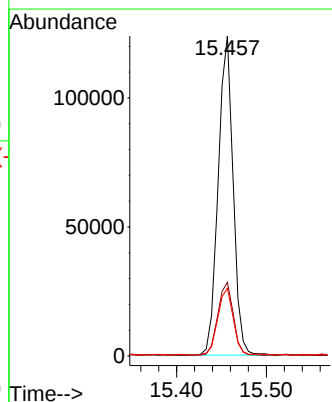
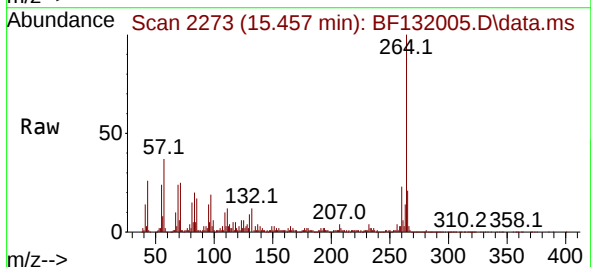
Instrument :
BNA_F
ClientSampleId :
UST-DRUMRE

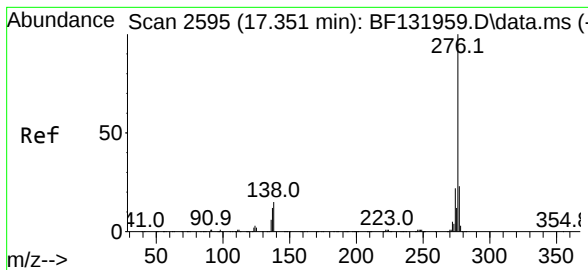
Tgt Ion:149 Resp: 46920
Ion Ratio Lower Upper
149 100
167 28.6 21.3 31.9
279 5.1 3.2 4.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.012 min
Lab File: BF132005.D
Acq: 10 Jan 2023 19:57

Tgt Ion:264 Resp: 142982
Ion Ratio Lower Upper
264 100
260 23.0 18.3 27.5
265 21.1 16.9 25.3





#92
 Benzo(g,h,i)perylene
 Concen: 3.564 ng
 RT: 17.374 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: BF132005.D
 Acq: 10 Jan 2023 19:57

Instrument :
 BNA_F
 ClientSampleId :
 UST-DRUMRE

Tgt Ion:	276	Resp:	330
Ion Ratio	Lower	Upper	
276	100		
277	142.7	18.2	27.2#
138	316.8	11.7	17.5#

