

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
 Data File : BF123386.D
 Acq On : 18 Mar 2021 16:43
 Operator : JU/CG
 Sample : M1682-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-MANHOLEMSD

Quant Time: Mar 18 17:19:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 18 02:38:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	200086	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	847325	20.00	ng	# 0.00
39) Acenaphthene-d10	9.833	164	410156	20.00	ng	0.00
64) Phenanthrene-d10	11.321	188	637086	20.00	ng	# 0.00
76) Chrysene-d12	13.968	240	317145	20.00	ng	# 0.00
86) Perylene-d12	15.409	264	308196	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1106306	78.52	ng	0.00
7) Phenol-d6	6.439	99	1306678	71.40	ng	0.00
23) Nitrobenzene-d5	7.357	82	814890	56.49	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	216075	75.38	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1283531	57.58	ng	0.00
79) Terphenyl-d14	12.904	244	1006743	61.81	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.545	88	251287	38.35	ng	# 84
3) Pyridine	3.275	79	680140	39.44	ng	# 83
4) n-Nitrosodimethylamine	3.228	42	316106	41.28	ng	91
6) Aniline	6.457	93	330302	15.32	ng	# 61
8) 2-Chlorophenol	6.581	128	609450	40.08	ng	97
9) Benzaldehyde	6.339	77	456656	Below Cal		97
10) Phenol	6.451	94	757649	48.85	ng	96
11) bis(2-Chloroethyl)ether	6.528	93	614386	42.20	ng	97
12) 1,3-Dichlorobenzene	6.733	146	602929	39.95	ng	99
13) 1,4-Dichlorobenzene	6.810	146	606973	38.53	ng	99
14) 1,2-Dichlorobenzene	6.963	146	578467	37.80	ng	99
15) Benzyl Alcohol	6.939	79	476254	40.63	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.069	45	1006997	41.90	ng	97
17) 2-Methylphenol	7.057	107	474505	39.42	ng	98
18) Hexachloroethane	7.304	117	225899	41.33	ng	90
19) n-Nitroso-di-n-propyla...	7.210	70	365209	36.35	ng	# 88
20) 3+4-Methylphenols	7.210	107	575517	52.46	ng	# 78
22) Acetophenone	7.198	105	747317	36.88	ng	# 96
24) Nitrobenzene	7.375	77	596715	37.35	ng	97
25) Isophorone	7.616	82	1127587	37.66	ng	99
26) 2-Nitrophenol	7.692	139	341730	39.55	ng	# 88
27) 2,4-Dimethylphenol	7.733	122	532118	42.58	ng	93
28) bis(2-Chloroethoxy)met...	7.827	93	732030	42.13	ng	98
29) 2,4-Dichlorophenol	7.939	162	467905	38.39	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	448265	37.84	ng	98
31) Naphthalene	8.098	128	1600063	36.05	ng	100
32) Benzoic acid	7.880	122	432528	46.85	ng	89
33) 4-Chloroaniline	8.151	127	102824	5.63	ng	96
34) Hexachlorobutadiene	8.216	225	217533	37.50	ng	98
35) Caprolactam	8.522	113	111108	26.33	ng	# 69
36) 4-Chloro-3-methylphenol	8.645	107	504120	39.41	ng	97
37) 2-Methylnaphthalene	8.786	142	1074267	36.69	ng	97
38) 1-Methylnaphthalene	8.886	142	983673	35.73	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	363491	37.71	ng	# 97
41) Hexachlorocyclopentadiene	8.945	237	304060	91.98	ng	96
43) 2,4,6-Trichlorophenol	9.074	196	292943	38.01	ng	97

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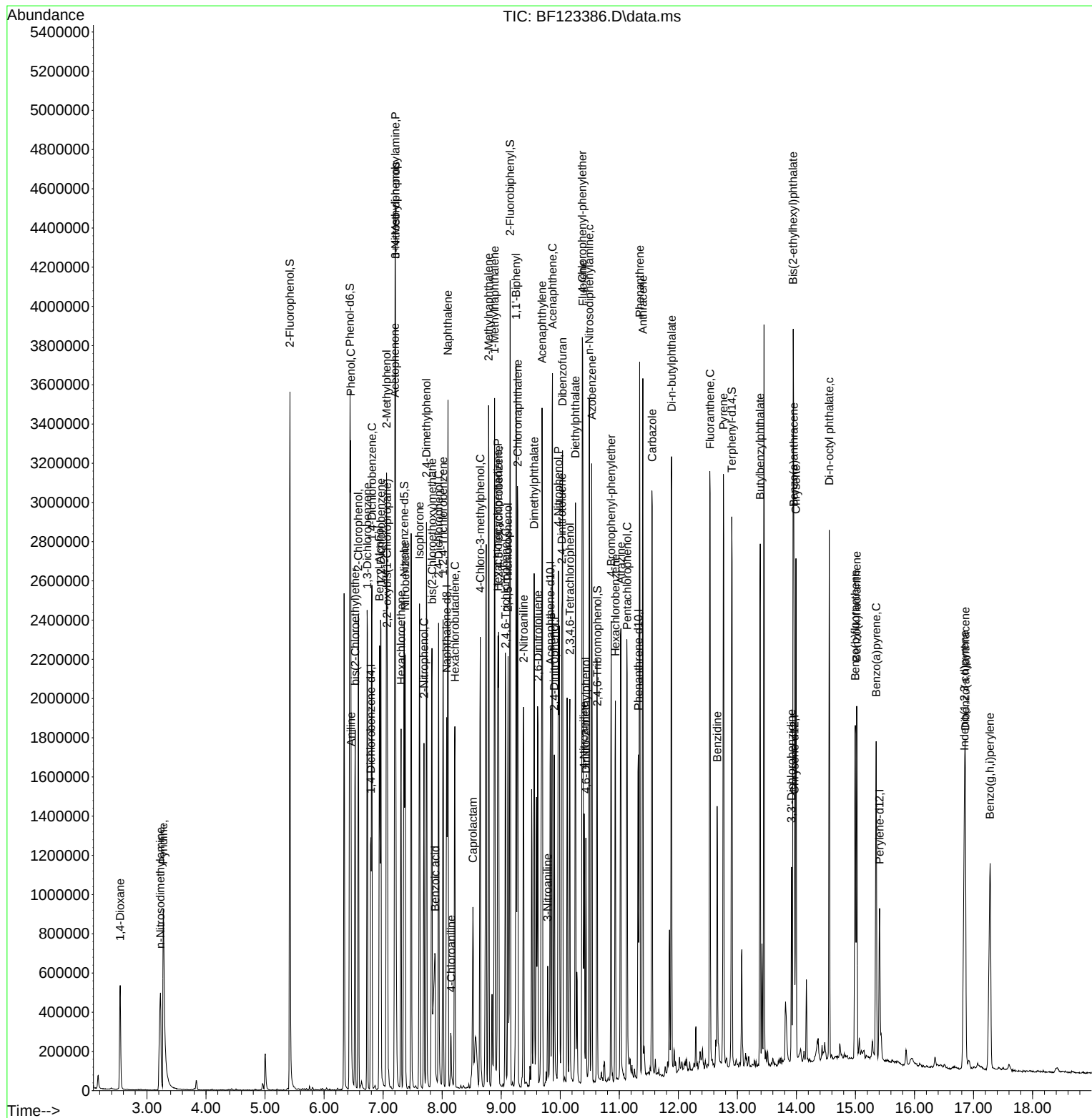
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	315990	37.91	ng	97
46) 1,1'-Biphenyl	9.251	154	1193906	35.70	ng	97
47) 2-Chloronaphthalene	9.280	162	926968	34.95	ng	97
48) 2-Nitroaniline	9.380	65	334706	38.55	ng	97
49) Acenaphthylene	9.692	152	1517826	37.11	ng	99
50) Dimethylphthalate	9.557	163	1144681	39.48	ng	99
51) 2,6-Dinitrotoluene	9.621	165	259274	37.56	ng	96
52) Acenaphthene	9.869	154	859205	35.75	ng	99
53) 3-Nitroaniline	9.786	138	97957	11.31	ng	98
54) 2,4-Dinitrophenol	9.898	184	218427	63.24	ng	92
55) Dibenzofuran	10.039	168	1232460	37.55	ng	99
56) 4-Nitrophenol	9.969	139	440831	76.33	ng	85
57) 2,4-Dinitrotoluene	10.027	165	329706	37.46	ng	97
58) Fluorene	10.380	166	922677	38.12	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	223184	37.91	ng	# 81
60) Diethylphthalate	10.257	149	1062966	37.03	ng	97
61) 4-Chlorophenyl-phenyle...	10.374	204	379300	38.46	ng	95
62) 4-Nitroaniline	10.404	138	270754	31.49	ng	# 82
63) Azobenzene	10.533	77	1078721	35.13	ng	93
65) 4,6-Dinitro-2-methylph...	10.433	198	147032	32.80	ng	# 75
66) n-Nitrosodiphenylamine	10.492	169	852463	37.42	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	235346	38.79	ng	# 91
68) Hexachlorobenzene	10.933	284	241923	38.43	ng	# 90
69) Atrazine	11.027	200	259330	42.68	ng	97
70) Pentachlorophenol	11.133	266	261313	76.53	ng	96
71) Phenanthrene	11.345	178	1386191	35.65	ng	100
72) Anthracene	11.398	178	1370463	35.04	ng	100
73) Carbazole	11.557	167	1306058	32.80	ng	99
74) Di-n-butylphthalate	11.886	149	1653849	36.56	ng	98
75) Fluoranthene	12.539	202	1296015	40.19	ng	98
77) Benzidine	12.657	184	515386	44.74	ng	98
78) Pyrene	12.762	202	1304183	44.83	ng	99
80) Butylbenzylphthalate	13.386	149	630144	45.93	ng	98
81) Benzo(a)anthracene	13.957	228	841540	40.25	ng	98
82) 3,3'-Dichlorobenzidine	13.915	252	190496	26.68	ng	# 96
83) Chrysene	13.992	228	866980	40.16	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	752622	45.53	ng	# 99
85) Di-n-octyl phthalate	14.556	149	1269688	45.17	ng	96
87) Indeno(1,2,3-cd)pyrene	16.845	276	923772	44.73	ng	# 86
88) Benzo(b)fluoranthene	14.998	252	843829	38.10	ng	# 96
89) Benzo(k)fluoranthene	15.021	252	707313	35.65	ng	# 96
90) Benzo(a)pyrene	15.351	252	734358	37.59	ng	# 95
91) Dibenzo(a,h)anthracene	16.862	278	729128	42.75	ng	# 92
92) Benzo(g,h,i)perylene	17.280	276	810772	44.71	ng	# 87

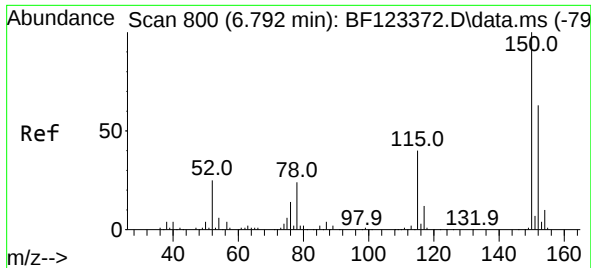
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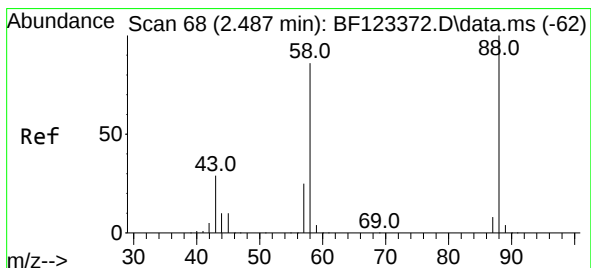
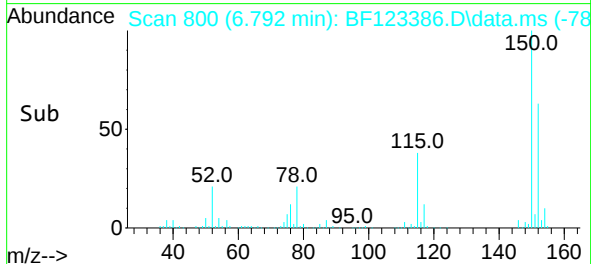
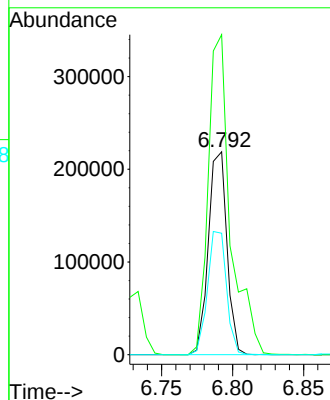
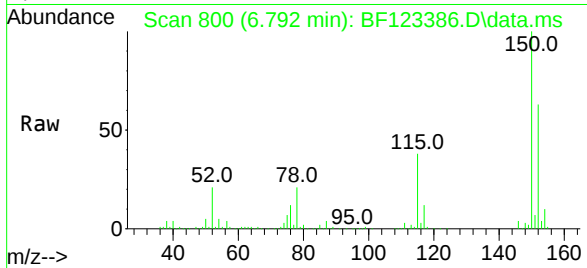




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.792 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF123386.D
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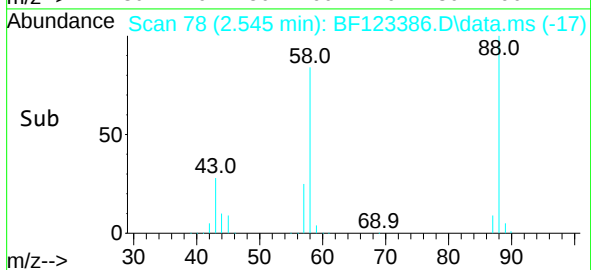
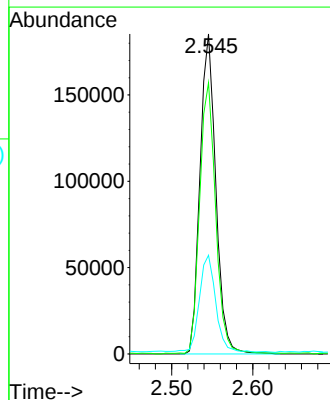
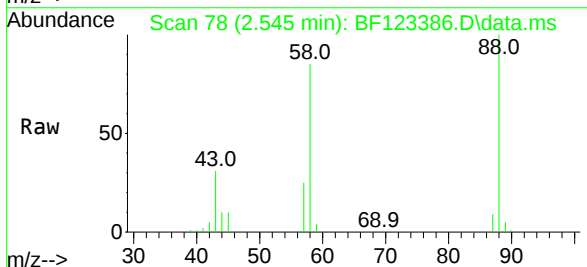
Instrument :
 BNA_F
 ClientSampleId :
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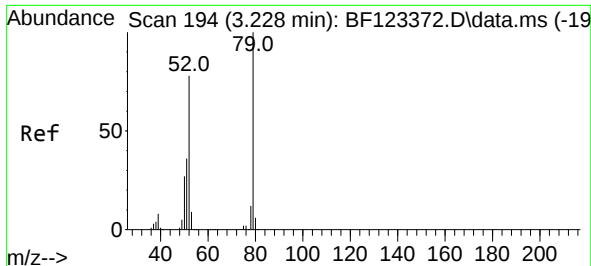
Tgt Ion:152 Resp: 200086
 Ion Ratio Lower Upper
 152 100
 150 157.7 125.8 188.6
 115 59.8 49.3 73.9



#2
 1,4-Dioxane
 Concen: 38.35 ng
 RT: 2.545 min Scan# 78
 Delta R.T. 0.059 min
 Lab File: BF123386.D
 Acq: 18 Mar 2021 16:43

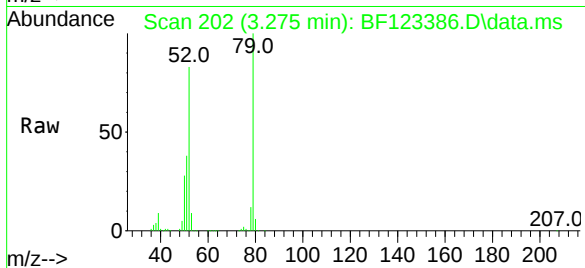
Tgt Ion: 88 Resp: 251287
 Ion Ratio Lower Upper
 88 100
 58 86.7 56.2 84.2#
 43 30.9 21.8 32.6



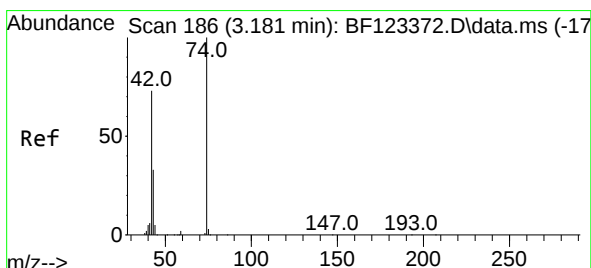
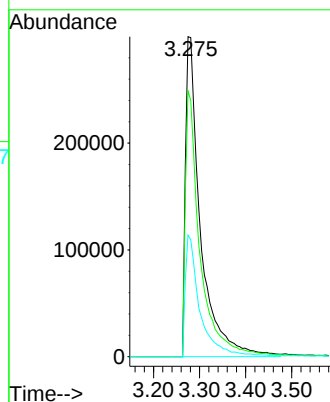
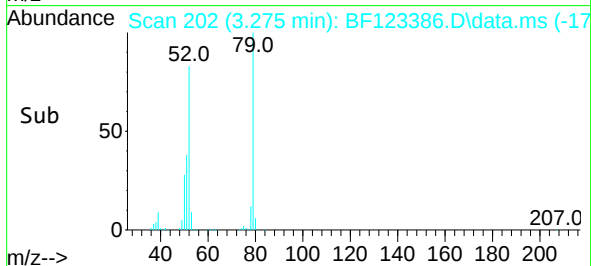


#3
Pyridine
Concen: 39.44 ng
RT: 3.275 min Scan# 202
Delta R.T. 0.047 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

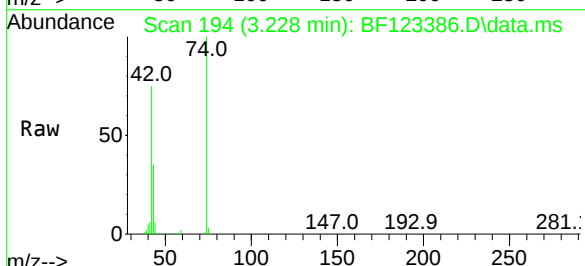
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ClientSampleId :
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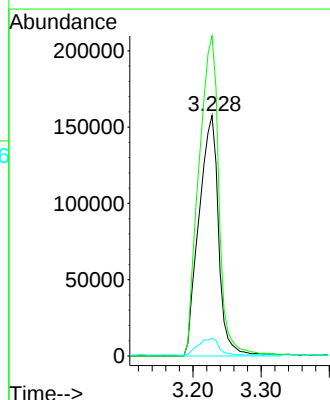
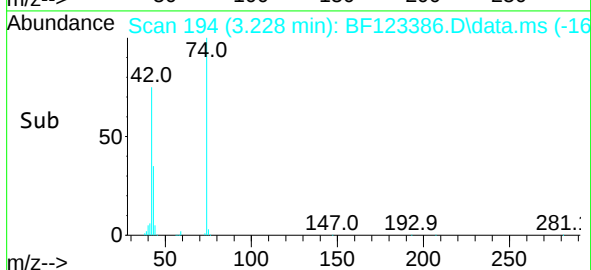
Tgt Ion: 79 Resp: 680140
Ion Ratio Lower Upper
79 100
52 83.0 53.0 79.4#
51 38.0 26.6 39.8

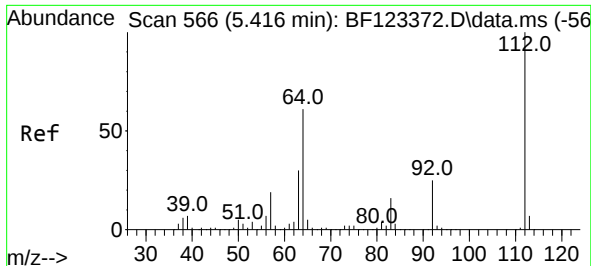


#4
n-Nitrosodimethylamine
Concen: 41.28 ng
RT: 3.228 min Scan# 194
Delta R.T. 0.047 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43



Tgt Ion: 42 Resp: 316106
Ion Ratio Lower Upper
42 100
74 133.1 115.2 172.8
44 7.5 5.4 8.0

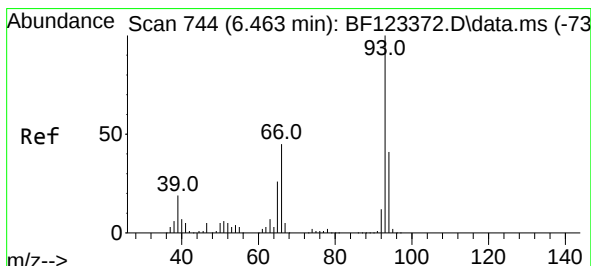
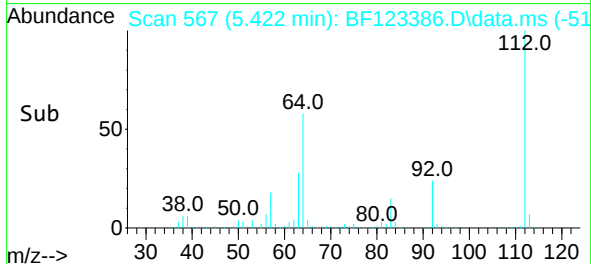
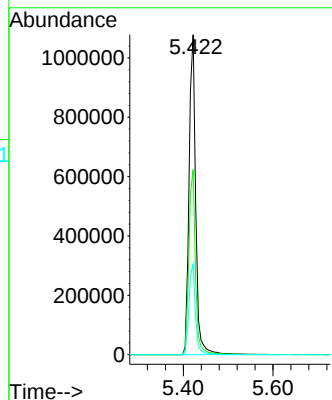
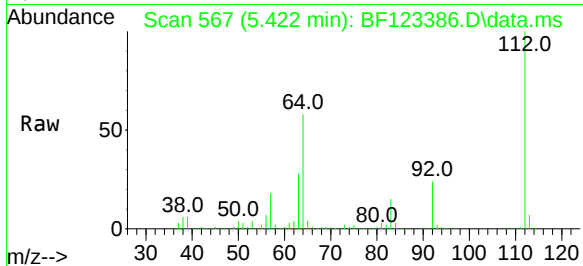




#5
2-Fluorophenol
Concen: 78.52 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

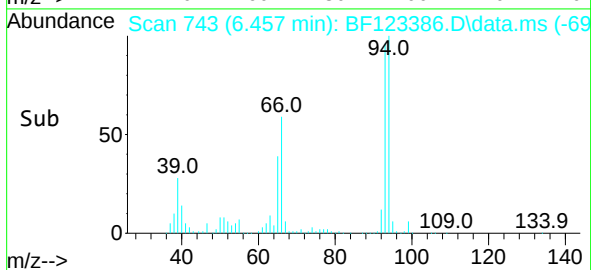
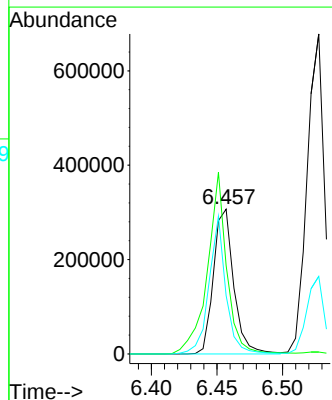
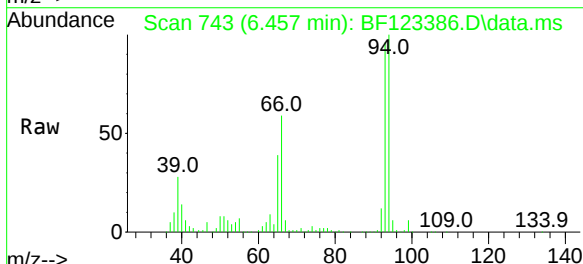
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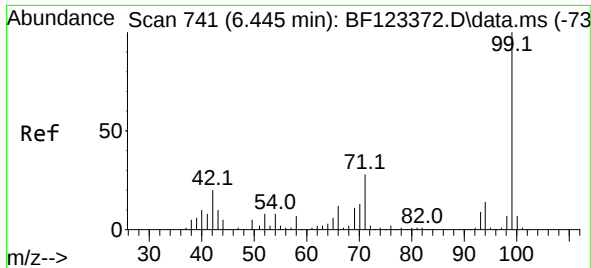
Tgt Ion:112 Resp: 1106306
Ion Ratio Lower Upper
112 100
64 57.9 46.9 70.3
63 28.3 24.5 36.7



#6
Aniline
Concen: 15.32 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion: 93 Resp: 330302
Ion Ratio Lower Upper
93 100
66 61.1 31.3 46.9#
65 40.3 15.6 23.4#



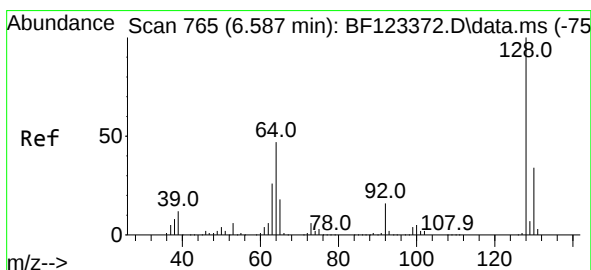
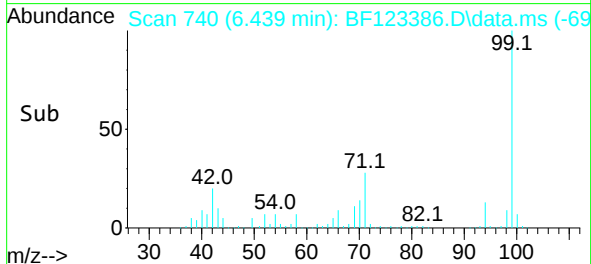
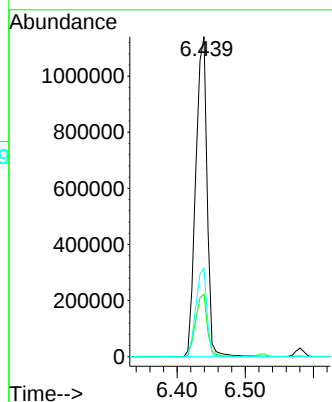
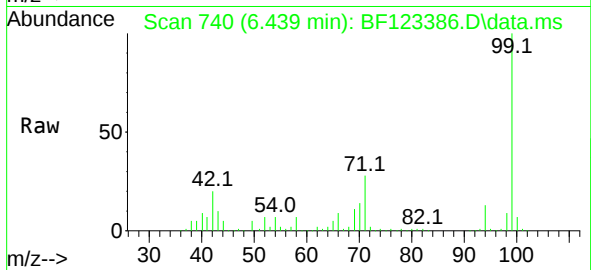


#7
Phenol-d6
Concen: 71.40 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF123386.D
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Tgt Ion: 99 Resp: 1306678

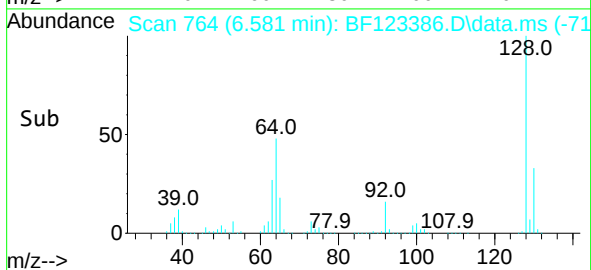
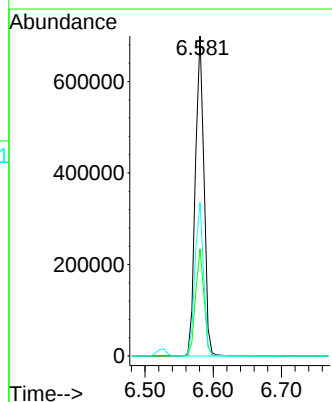
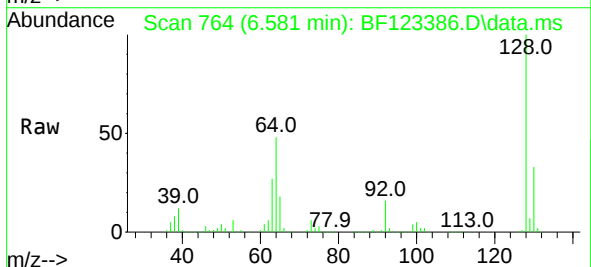
Ion	Ratio	Lower	Upper
99	100		
42	19.6	13.8	20.6
71	27.5	26.9	40.3

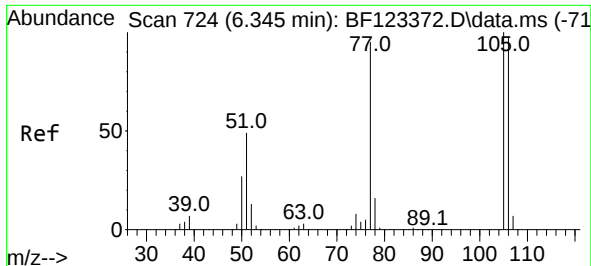


#8
2-Chlorophenol
Concen: 40.08 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF123386.D
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Tgt Ion: 128 Resp: 609450

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.3	52.3
64	47.9	25.5	65.5

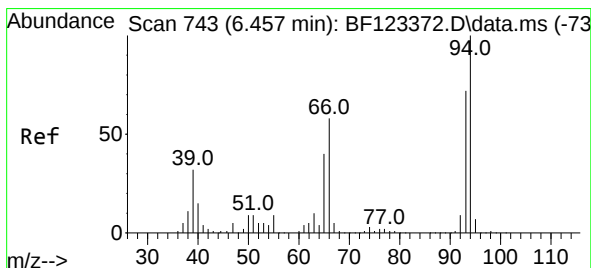
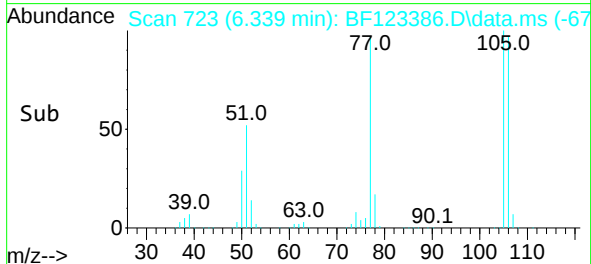
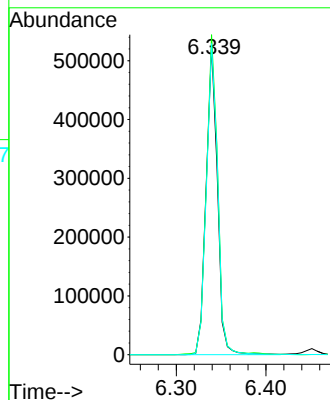
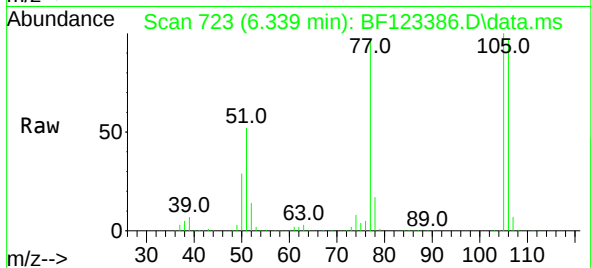




#9
Benzaldehyde
Concen: Below Cal
RT: 6.339 min Scan# 723
Delta R.T. -0.006 min
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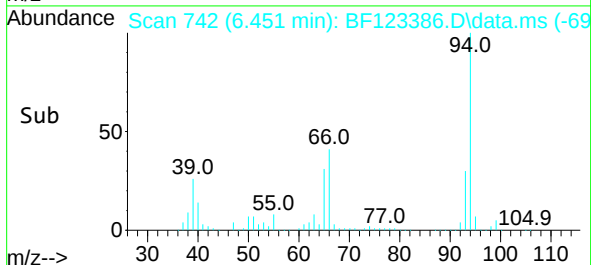
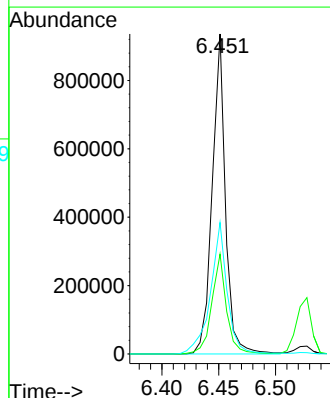
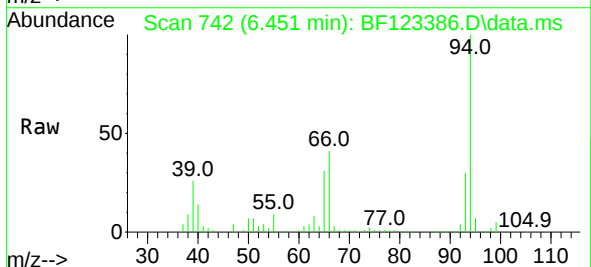
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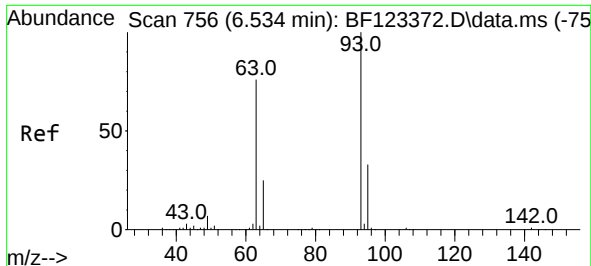
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Ion Ratio Lower Upper
77 100
105 103.5 80.6 120.6
106 100.6 77.2 117.2



#10
Phenol
Concen: 48.85 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion: 94 Resp: 757649
Ion Ratio Lower Upper
94 100
65 31.2 11.2 51.2
66 41.1 25.8 65.8

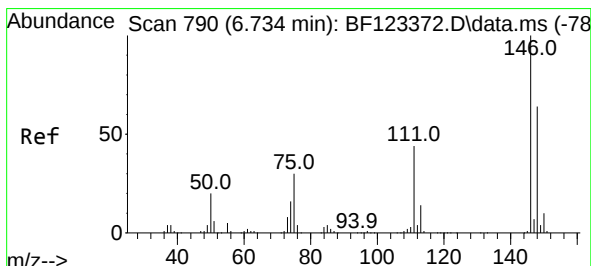
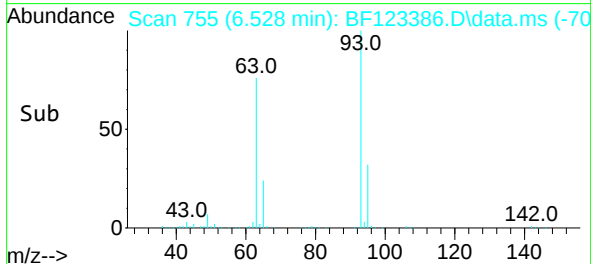
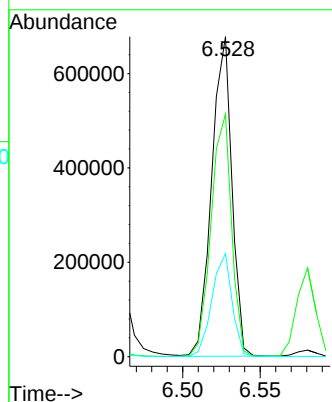
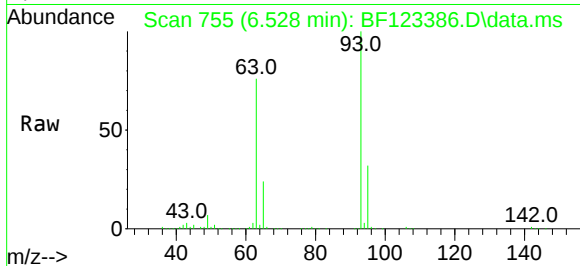




#11
bis(2-Chloroethyl)ether
Concen: 42.20 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

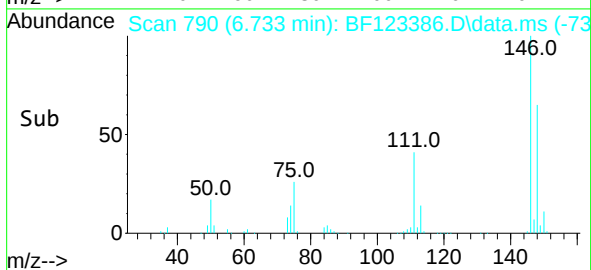
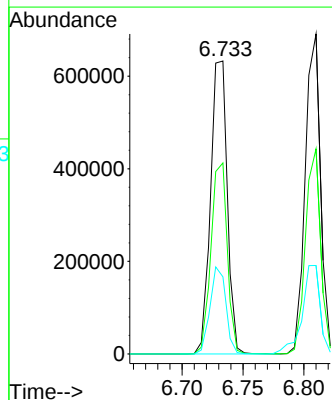
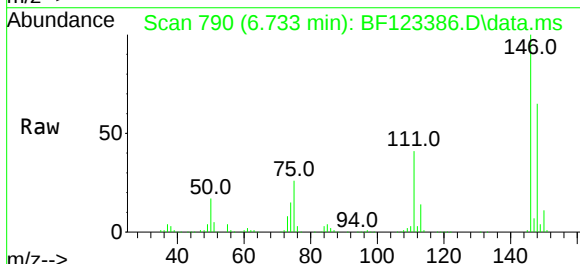
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

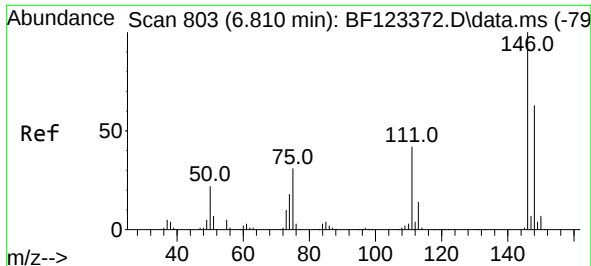
Tgt Ion:	93	Resp:	614386
Ion	Ratio	Lower	Upper
93	100		
63	75.8	52.6	92.6
95	32.2	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 39.95 ng
RT: 6.733 min Scan# 790
Delta R.T. -0.000 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion:	146	Resp:	602929
Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.8	77.8
75	26.3	22.5	33.7





#13

1,4-Dichlorobenzene

Concen: 38.53 ng

RT: 6.810 min Scan# 803

Delta R.T. -0.000 min

Lab File: BF123386.D

Acq: 18 Mar 2021 16:43

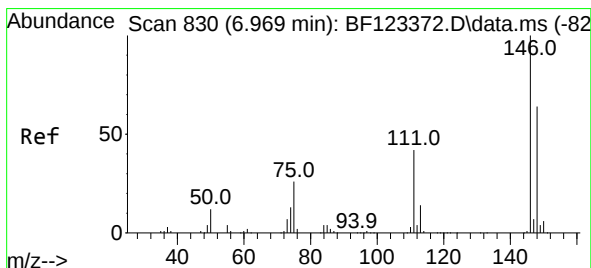
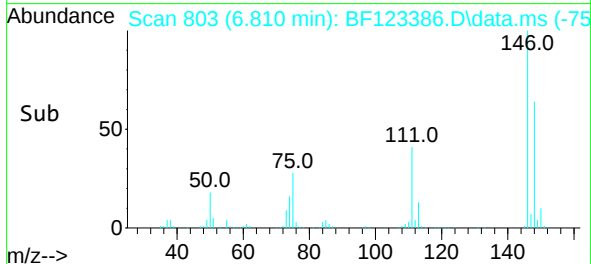
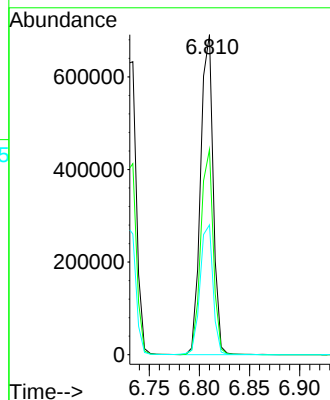
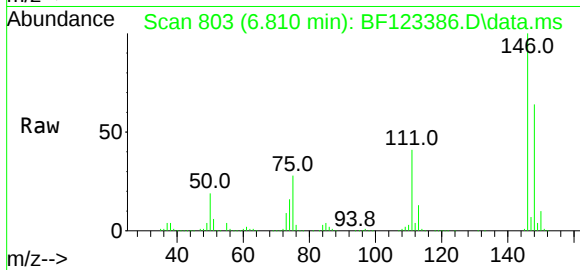
Tgt Ion:146 Resp: 606973

Ion Ratio Lower Upper

146 100

148 64.1 52.0 78.0

111 40.6 32.3 48.5



#14

1,2-Dichlorobenzene

Concen: 37.80 ng

RT: 6.963 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF123386.D

Acq: 18 Mar 2021 16:43

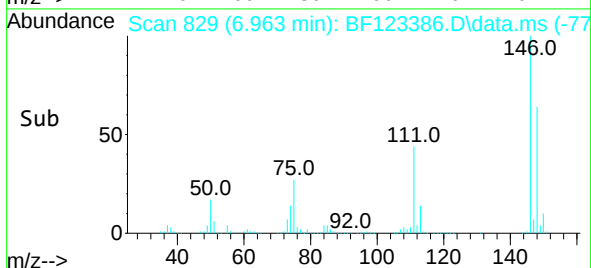
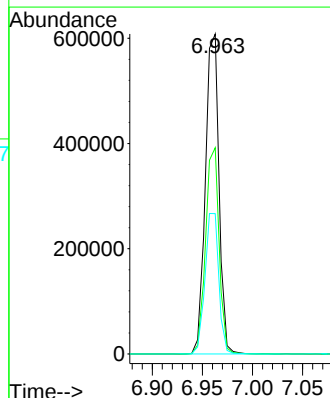
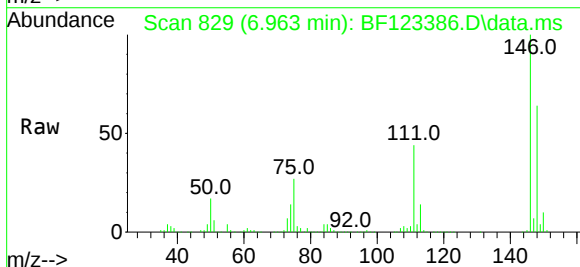
Tgt Ion:146 Resp: 578467

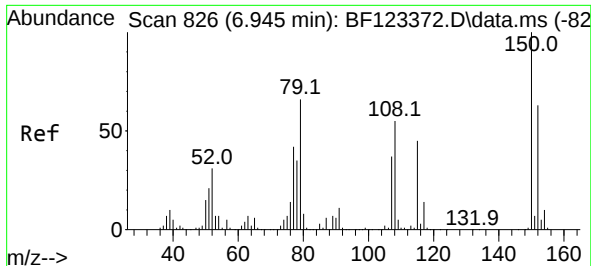
Ion Ratio Lower Upper

146 100

148 64.4 51.5 77.3

111 43.8 34.2 51.2

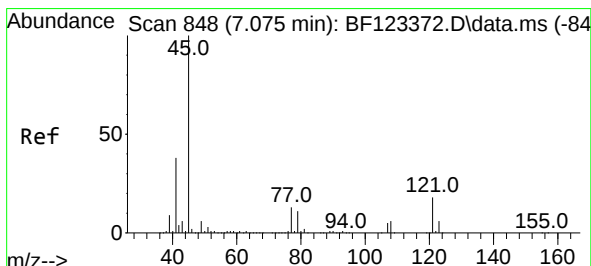
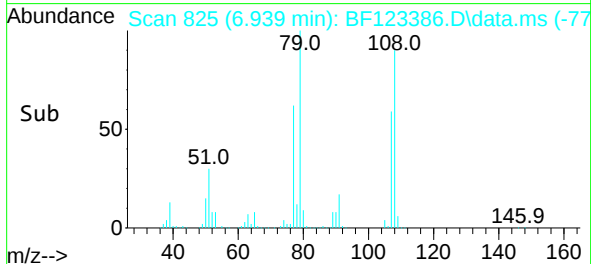
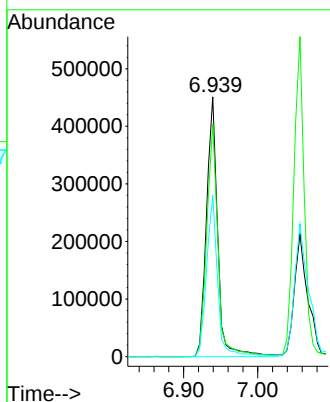
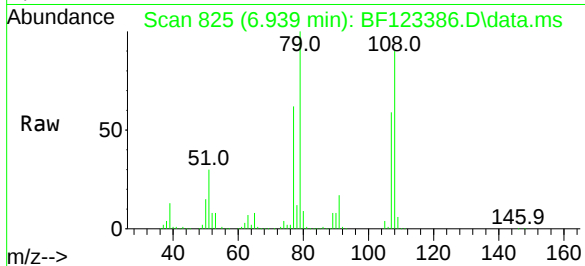




#15
Benzyl Alcohol
Concen: 40.63 ng
RT: 6.939 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

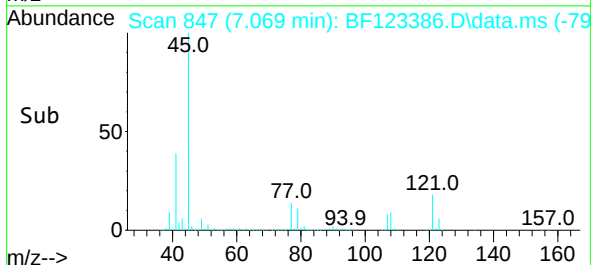
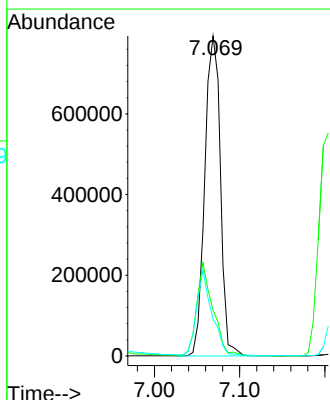
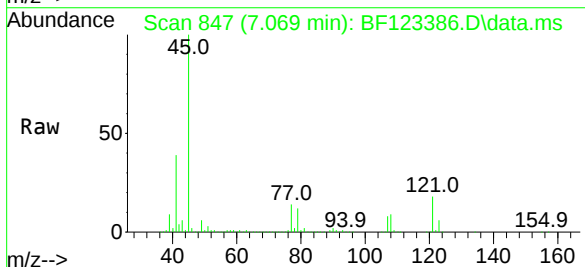
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

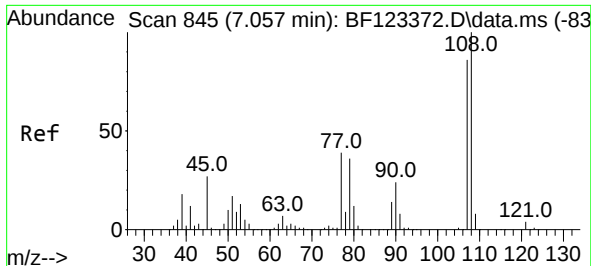
Tgt Ion: 79 Resp: 476254
Ion Ratio Lower Upper
79 100
108 89.6 62.4 93.6
77 62.2 49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.90 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion: 45 Resp: 1006997
Ion Ratio Lower Upper
45 100
77 14.3 0.0 35.6
79 11.5 0.0 32.4

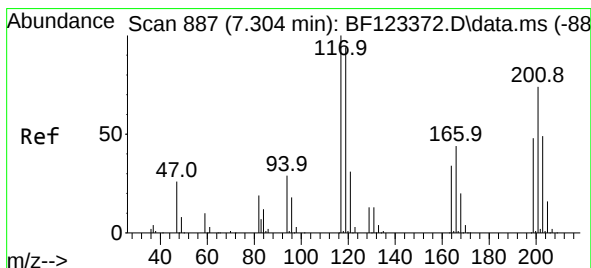
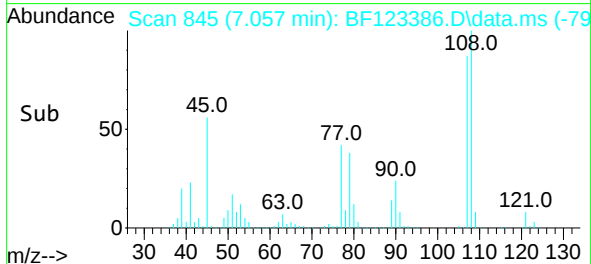
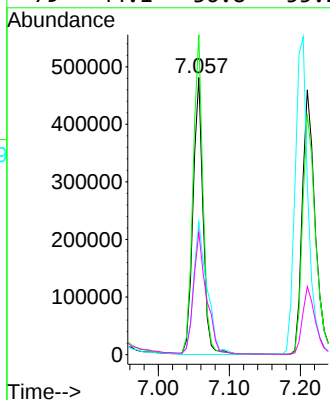
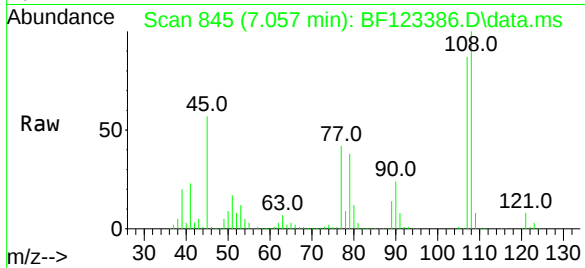




#17
2-Methylphenol
Concen: 39.42 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

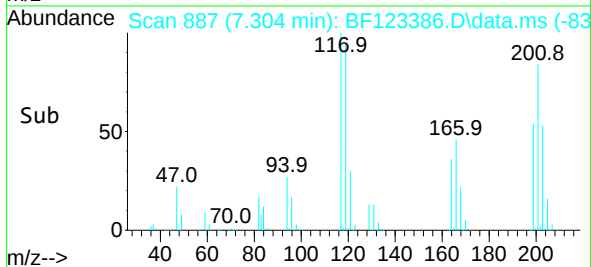
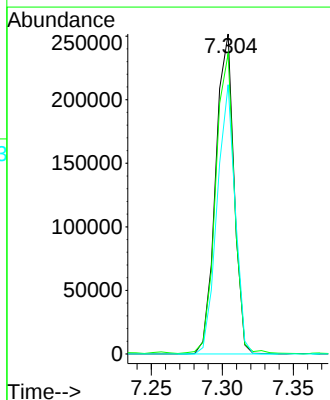
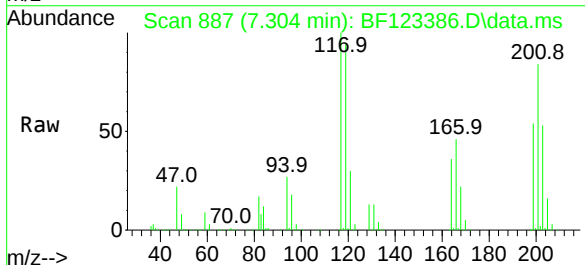
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

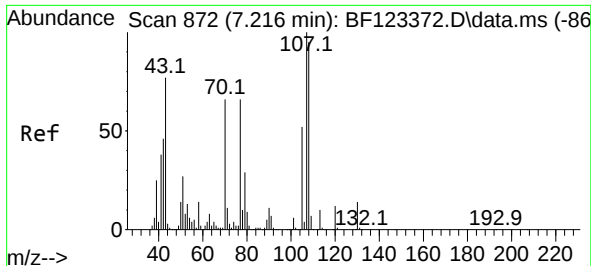
Tgt Ion:	107	Resp:	474505
Ion	Ratio	Lower	Upper
107	100		
108	115.5	91.1	136.7
77	47.9	36.3	54.5
79	44.1	36.8	55.2



#18
Hexachloroethane
Concen: 41.33 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion:	117	Resp:	225899
Ion	Ratio	Lower	Upper
117	100		
119	93.8	78.4	117.6
201	84.2	79.6	119.4



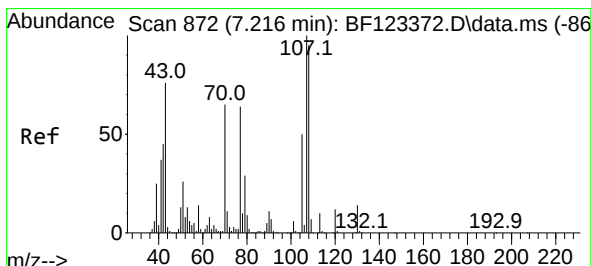
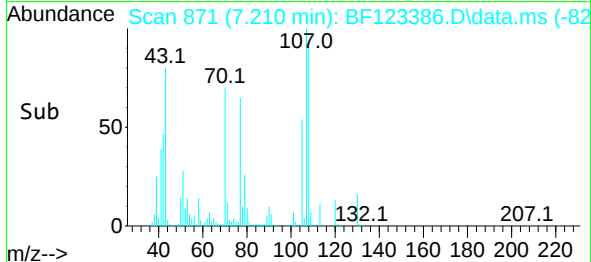
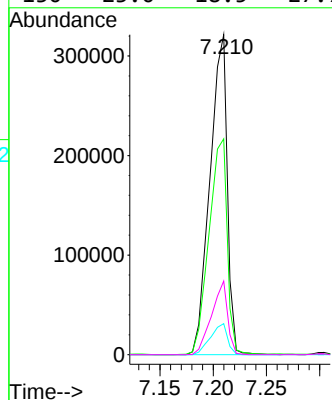
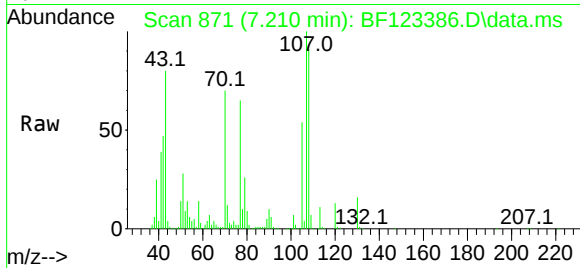


#19
n-Nitroso-di-n-propylamine
Concen: 36.35 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

Tgt Ion: 70 Resp: 365209

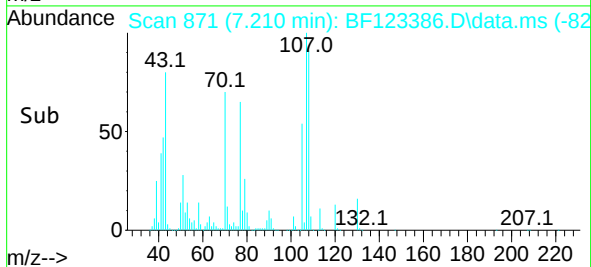
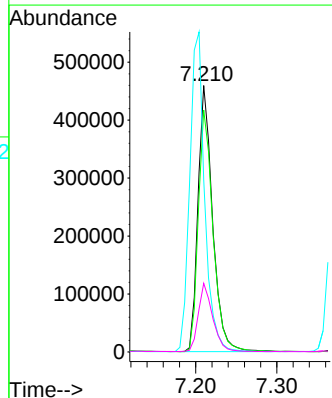
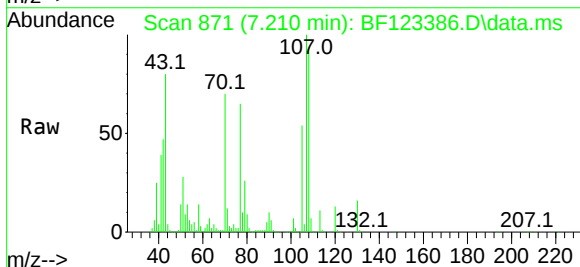
Ion	Ratio	Lower	Upper
70	100		
42	67.4	43.0	64.4#
101	9.7	7.9	11.9
130	23.0	18.5	27.7

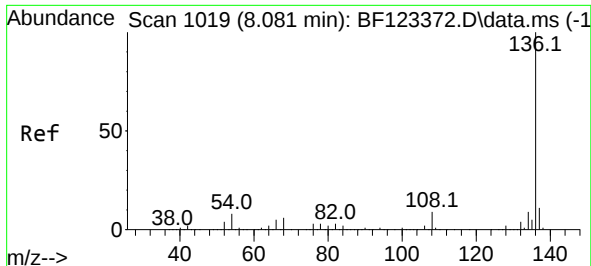


#20
3+4-Methylphenols
Concen: 52.46 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion: 107 Resp: 575517

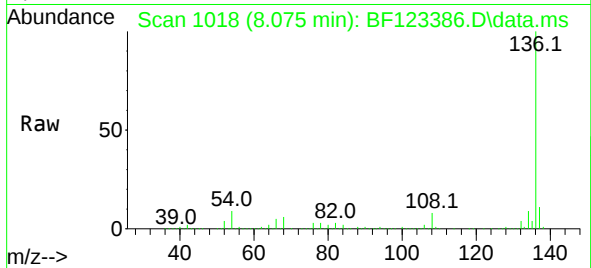
Ion	Ratio	Lower	Upper
107	100		
108	90.8	68.7	108.7
77	64.6	89.8	129.8#
79	25.7	9.8	49.8



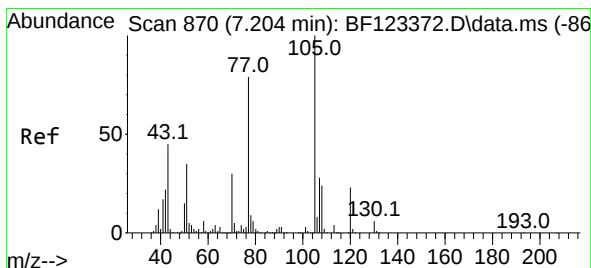
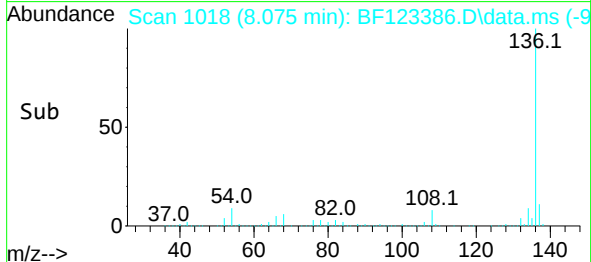
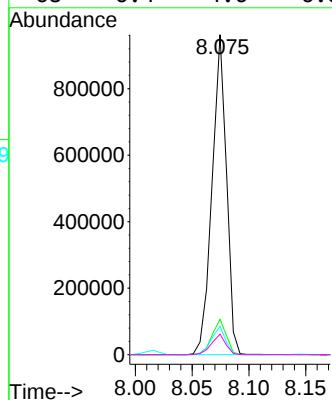


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

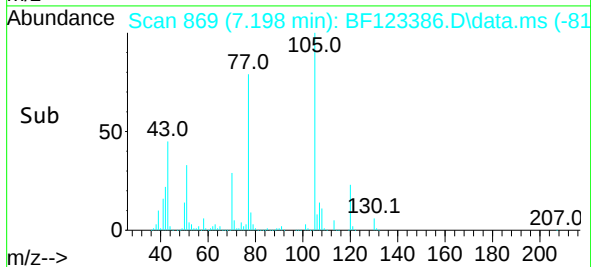
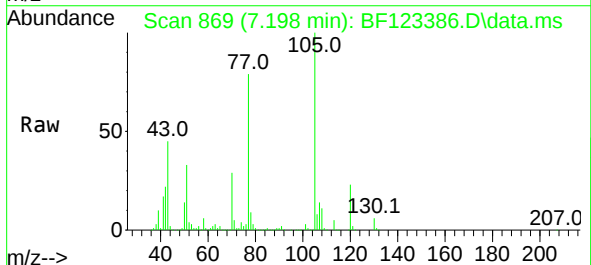
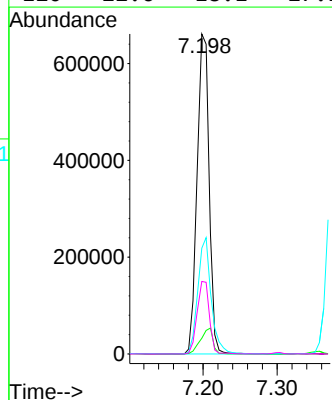


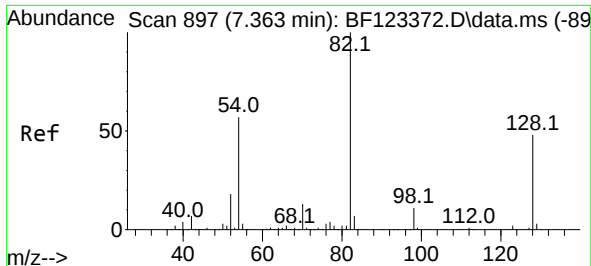
Tgt Ion:	136	Resp:	847325
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	8.9	5.5	8.3#
68	6.4	4.6	6.8



#22
Acetophenone
Concen: 36.88 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion:	105	Resp:	747317
Ion Ratio	Lower	Upper	
105	100		
71	4.9	6.5	9.7#
51	33.0	24.3	36.5
120	22.6	18.1	27.1





#23

Nitrobenzene-d5

Concen: 56.49 ng

RT: 7.357 min Scan# 896

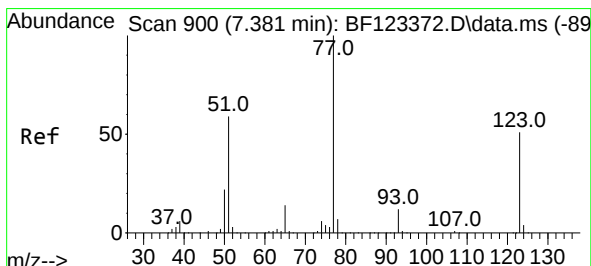
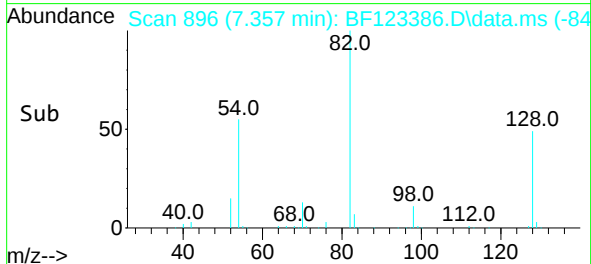
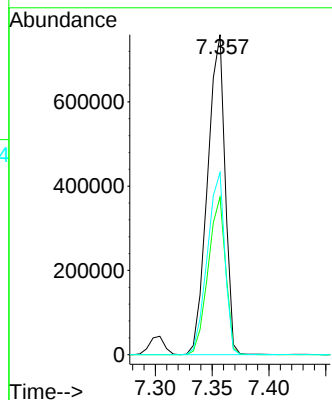
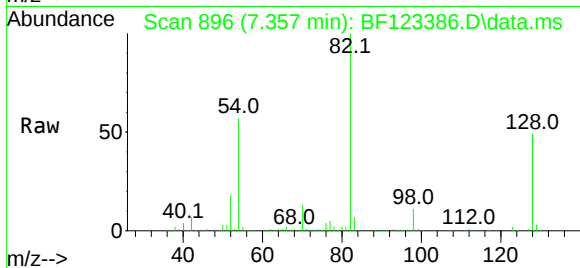
Delta R.T. -0.006 min

Lab File: BF123386.D

Acq: 18 Mar 2021 16:43

Tgt Ion: 82 Resp: 814890

Ion	Ratio	Lower	Upper
82	100		
128	49.2	37.0	55.4
54	56.9	38.4	57.6



#24

Nitrobenzene

Concen: 37.35 ng

RT: 7.375 min Scan# 899

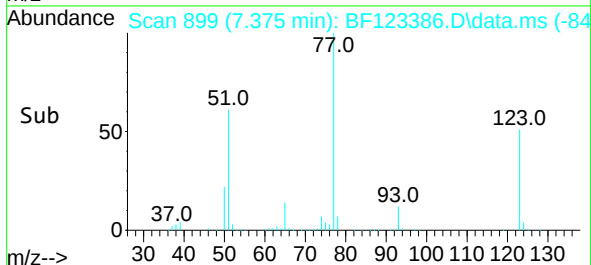
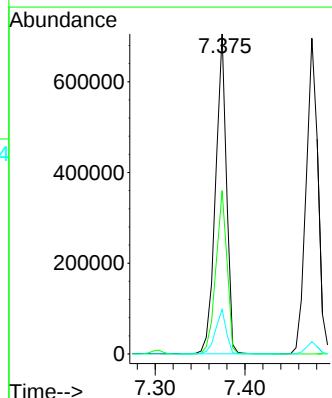
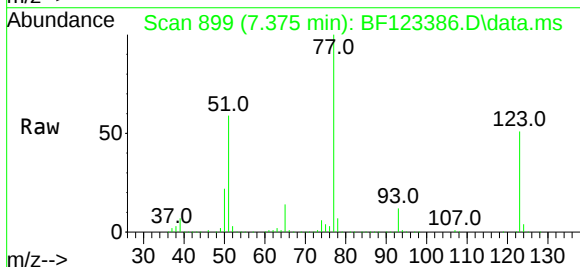
Delta R.T. -0.006 min

Lab File: BF123386.D

Acq: 18 Mar 2021 16:43

Tgt Ion: 77 Resp: 596715

Ion	Ratio	Lower	Upper
77	100		
123	51.1	39.3	58.9
65	13.9	10.6	15.8

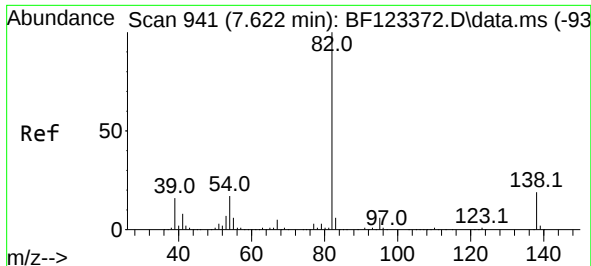


Instrument :

BNA_F

ClientSampleId :

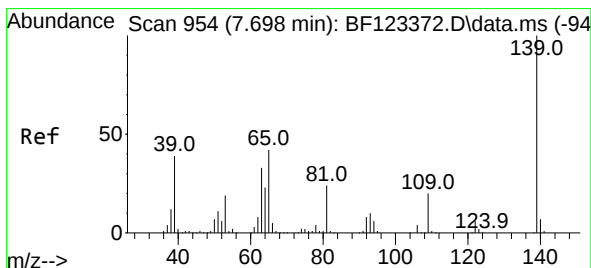
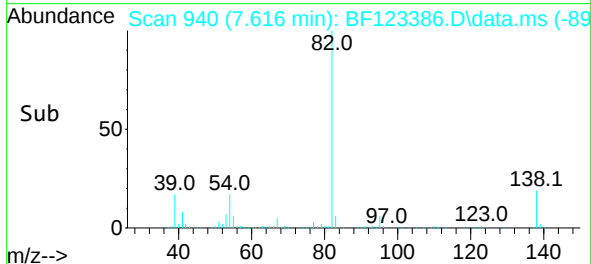
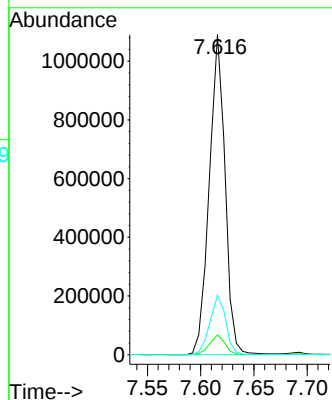
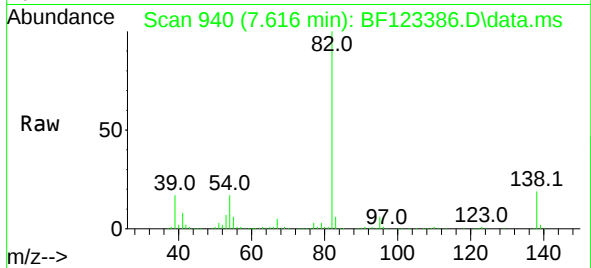
SP-MANHOLEMSD



#25
Isophorone
Concen: 37.66 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

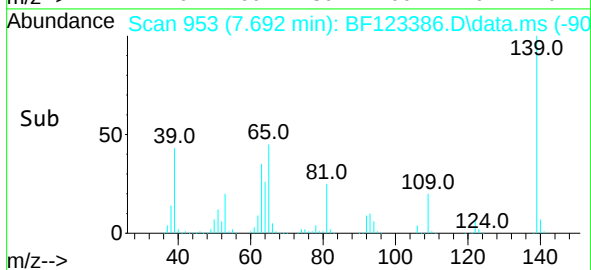
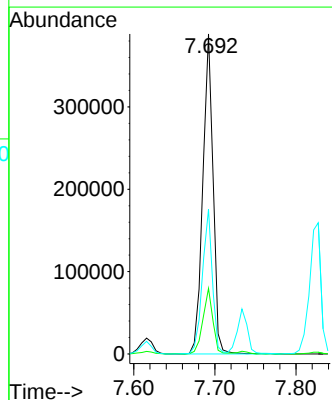
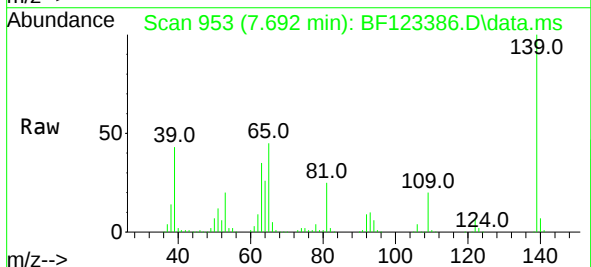
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

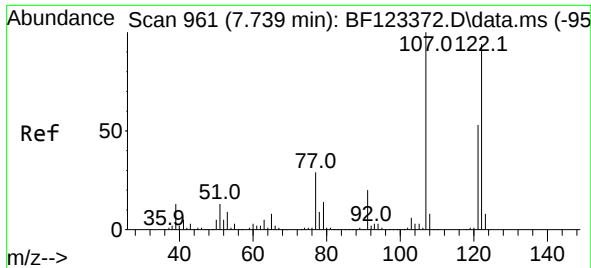
Tgt Ion: 82 Resp: 1127587
Ion Ratio Lower Upper
82 100
95 6.2 5.8 8.6
138 18.6 14.6 21.8



#26
2-Nitrophenol
Concen: 39.55 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion: 139 Resp: 341730
Ion Ratio Lower Upper
139 100
109 20.5 24.0 36.0#
65 45.2 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 42.58 ng

RT: 7.733 min Scan# 960

Delta R.T. -0.006 min

Lab File: BF123386.D

Acq: 18 Mar 2021 16:43

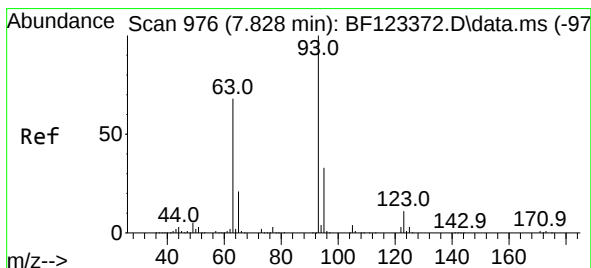
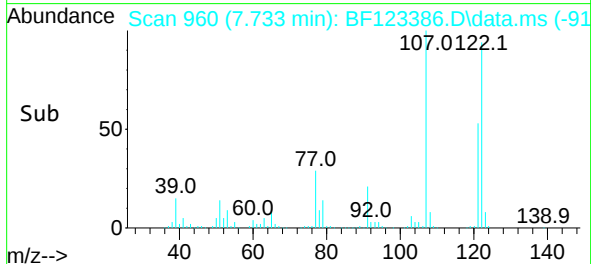
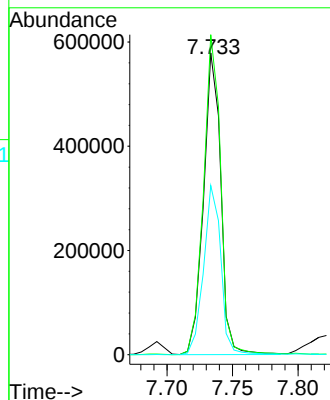
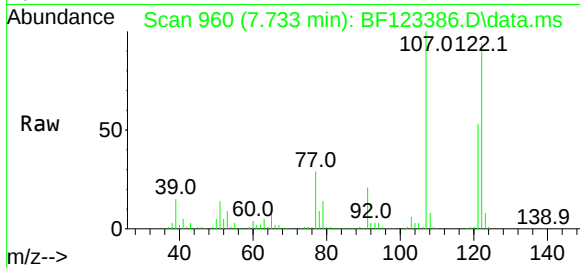
Tgt Ion:122 Resp: 532118

Ion Ratio Lower Upper

122 100

107 106.1 91.8 137.8

121 56.0 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 42.13 ng

RT: 7.827 min Scan# 976

Delta R.T. -0.001 min

Lab File: BF123386.D

Acq: 18 Mar 2021 16:43

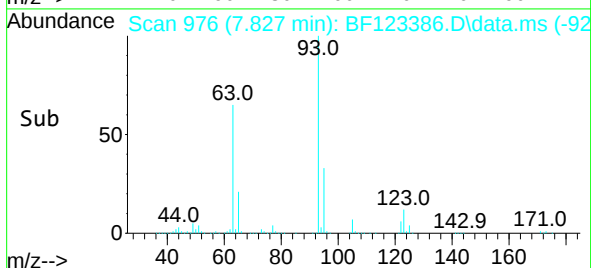
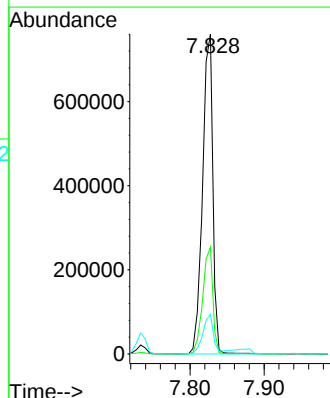
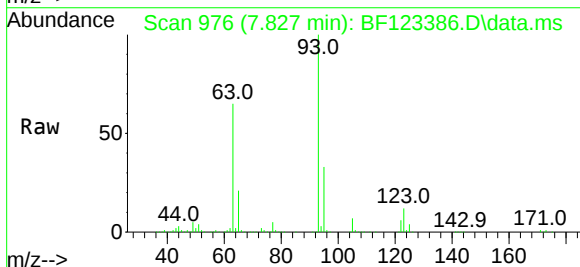
Tgt Ion: 93 Resp: 732030

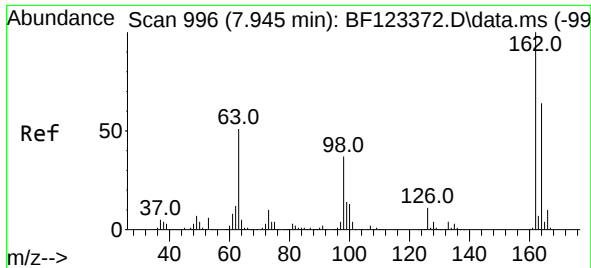
Ion Ratio Lower Upper

93 100

95 33.4 26.2 39.2

123 12.3 9.2 13.8

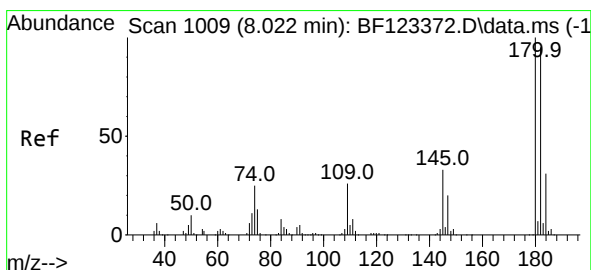
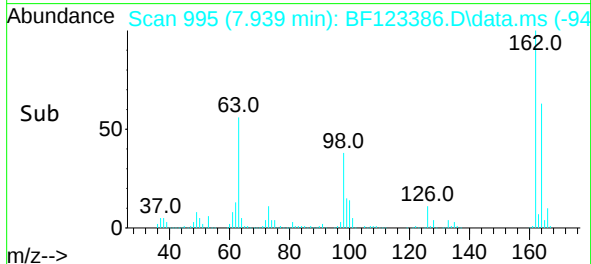
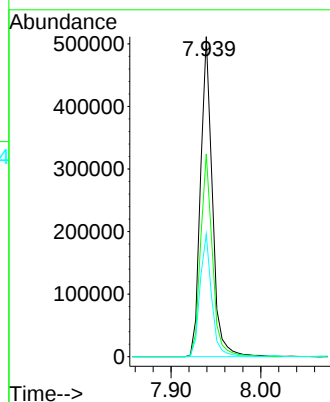
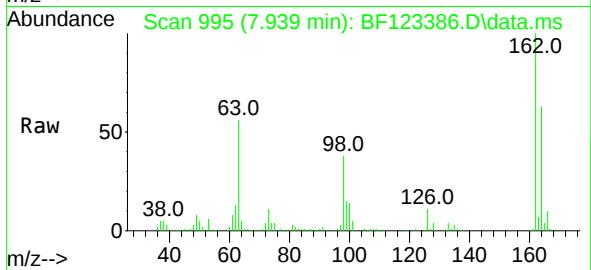




#29
2,4-Dichlorophenol
Concen: 38.39 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

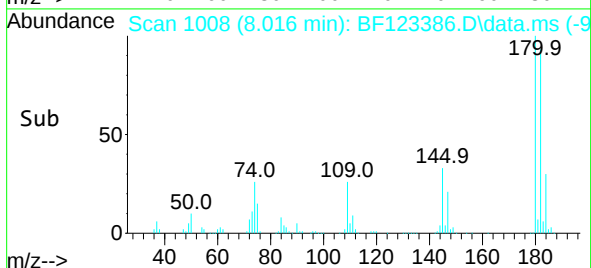
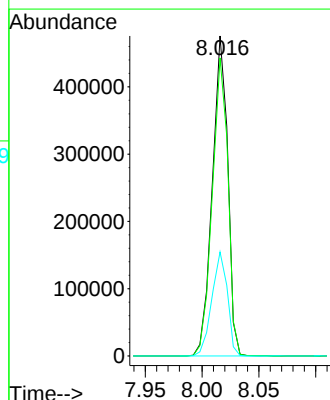
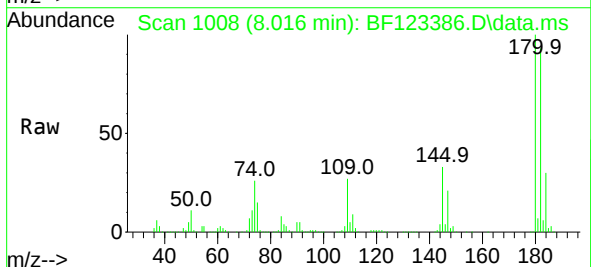
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

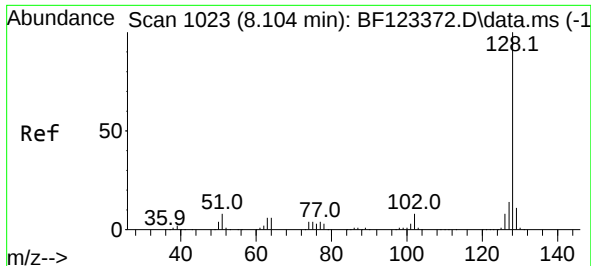
Tgt Ion:162 Resp: 467905
Ion Ratio Lower Upper
162 100
164 63.4 43.2 83.2
98 38.3 15.2 55.2



#30
1,2,4-Trichlorobenzene
Concen: 37.84 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion:180 Resp: 448265
Ion Ratio Lower Upper
180 100
182 93.2 75.7 113.5
145 32.5 25.0 37.4

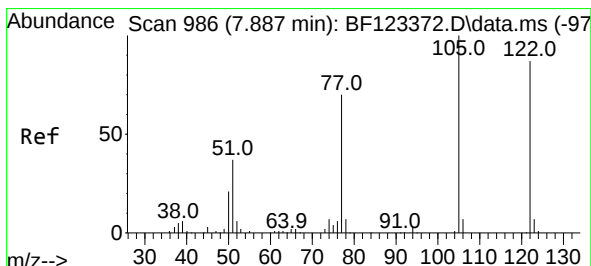
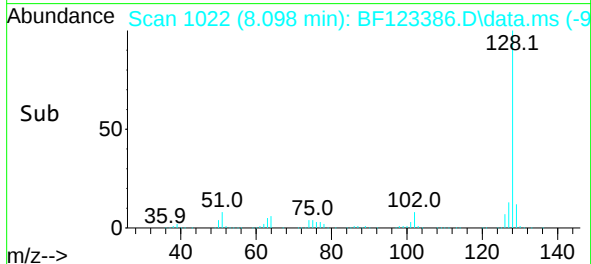
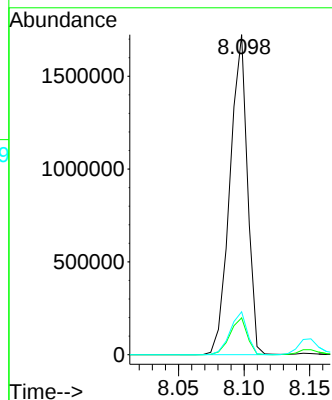
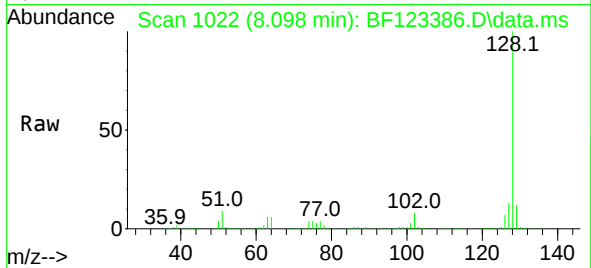




#31
Naphthalene
Concen: 36.05 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

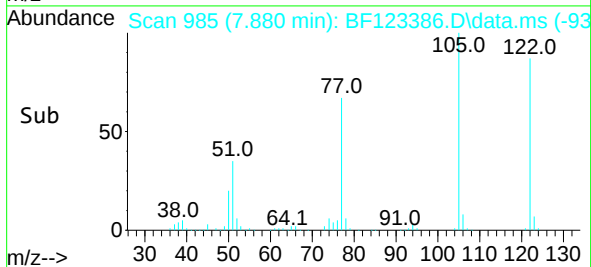
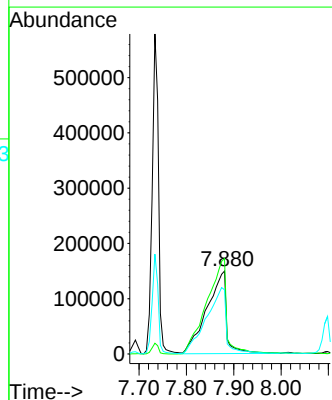
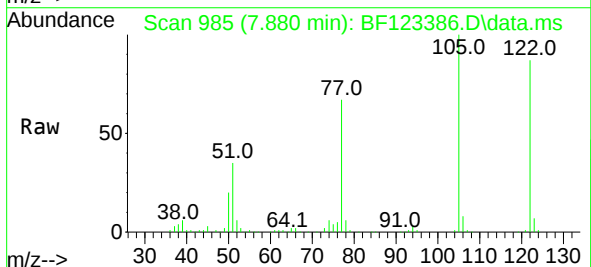
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BNA_F
ClientSampleId :
SP-MANHOLEMSD

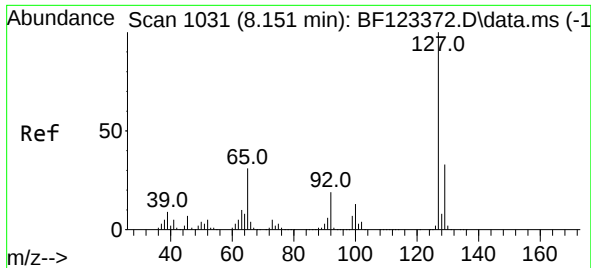
Tgt Ion:128 Resp: 1600063
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 46.85 ng
RT: 7.880 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion:122 Resp: 432528
Ion Ratio Lower Upper
122 100
105 115.1 104.8 144.8
77 77.4 71.0 111.0

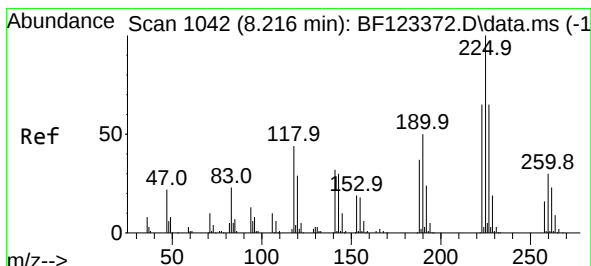
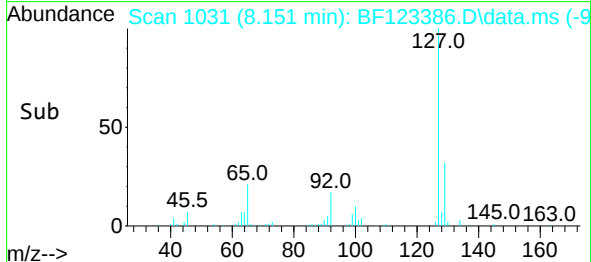
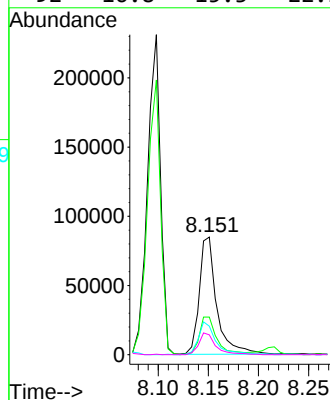
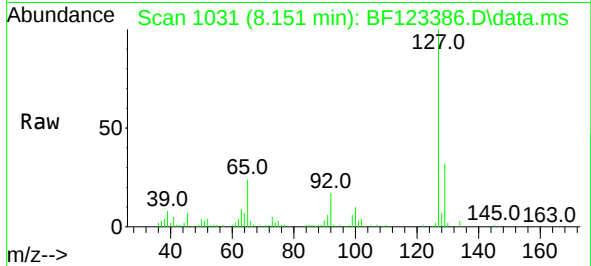




#33
4-Chloroaniline
Concen: 5.63 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

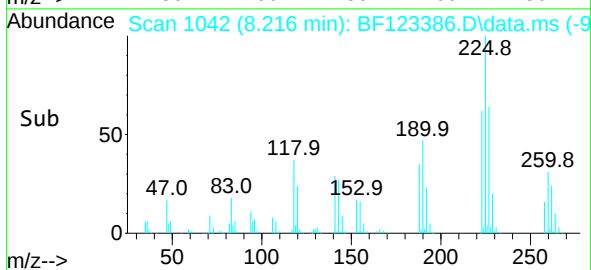
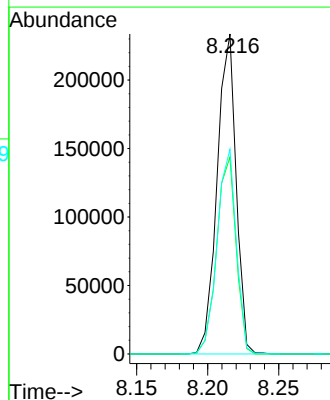
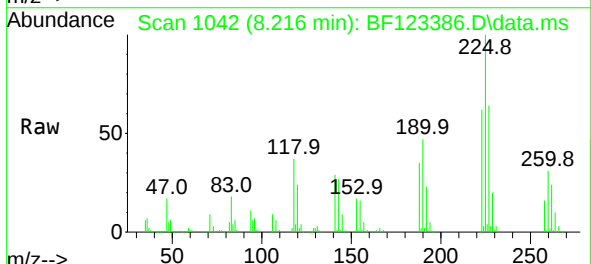
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SP-MANHOLEMSD

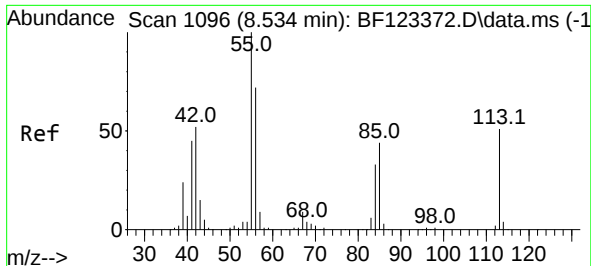
Tgt Ion:	127	Resp:	102824
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	24.2	22.2	33.2
92	16.8	15.3	22.9



#34
Hexachlorobutadiene
Concen: 37.50 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion:	225	Resp:	217533
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.7	76.1
227	63.9	51.7	77.5

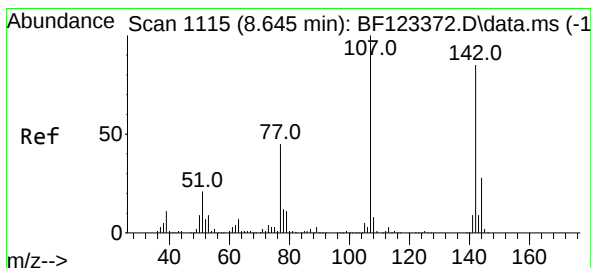
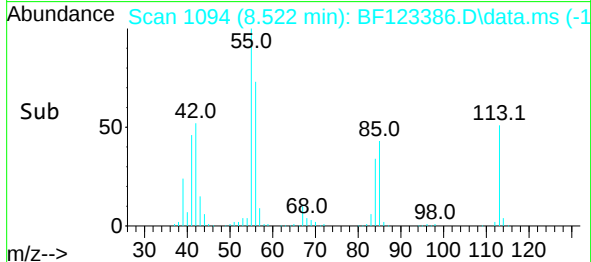
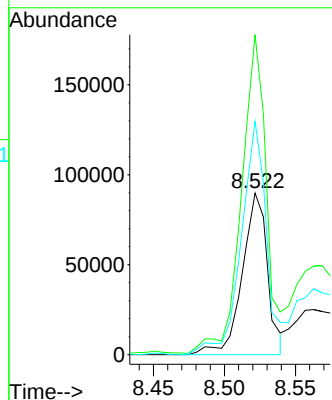
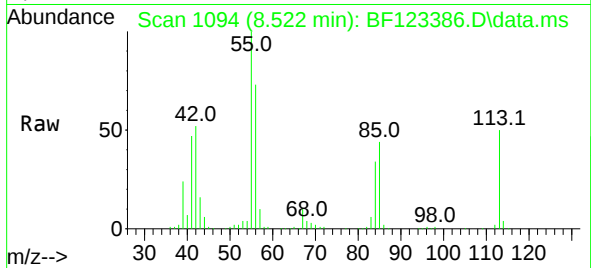




#35
 Caprolactam
 Concen: 26.33 ng
 RT: 8.522 min Scan# 1094
 Delta R.T. -0.012 min
 Lab File: BF123386.D
 Acq: 18 Mar 2021 16:43

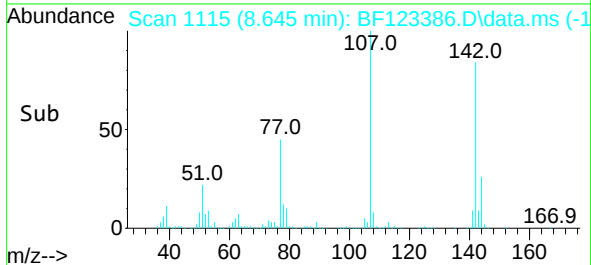
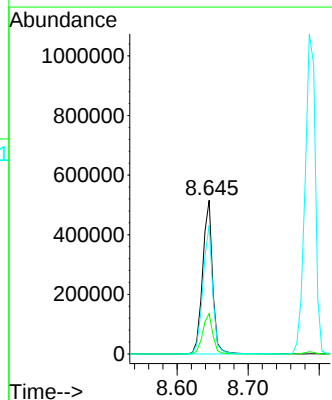
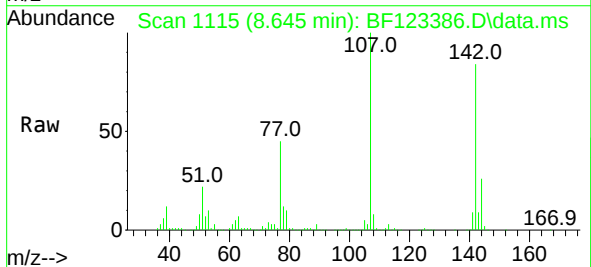
Instrument :
 BNA_F
 ClientSampleId :
 SP-MANHOLEMSD

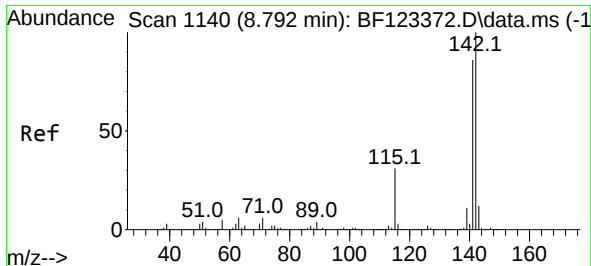
Tgt Ion:113 Resp: 111108
 Ion Ratio Lower Upper
 113 100
 55 198.1 133.7 173.7#
 56 144.4 95.3 135.3#



#36
 4-Chloro-3-methylphenol
 Concen: 39.41 ng
 RT: 8.645 min Scan# 1115
 Delta R.T. -0.000 min
 Lab File: BF123386.D
 Acq: 18 Mar 2021 16:43

Tgt Ion:107 Resp: 504120
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.2 30.2
 142 83.6 64.4 96.6

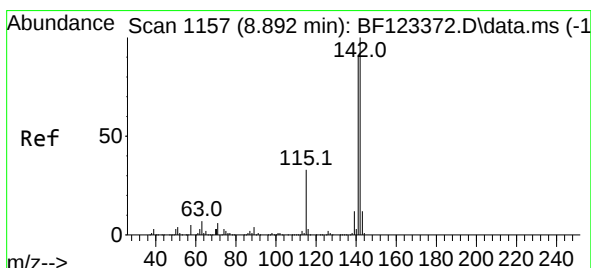
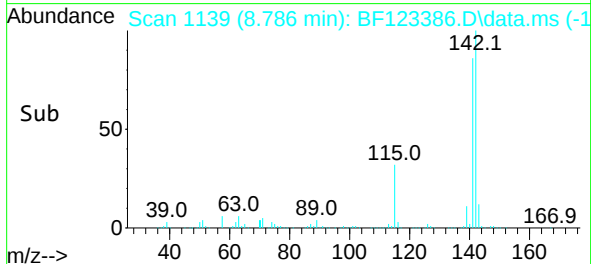
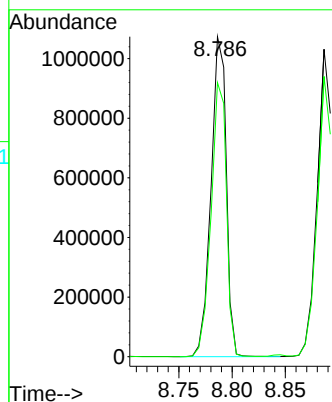
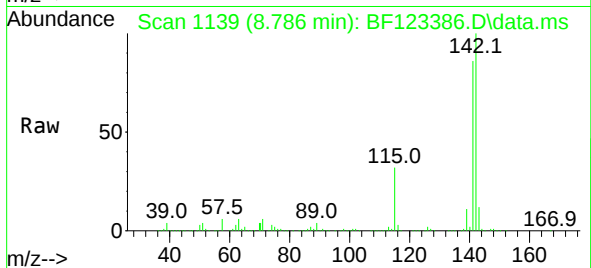




#37
2-Methylnaphthalene
Concen: 36.69 ng
RT: 8.786 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

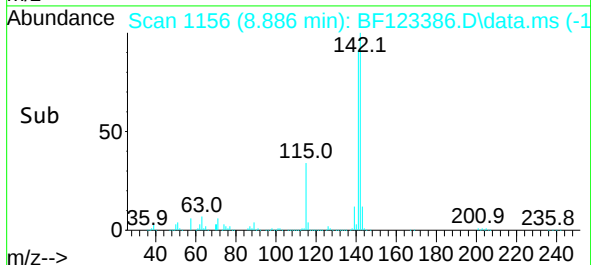
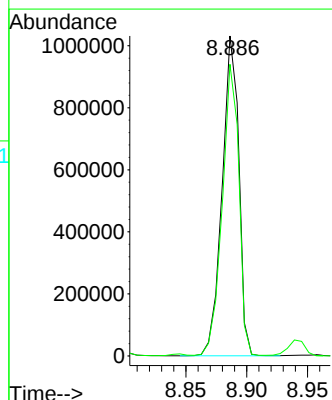
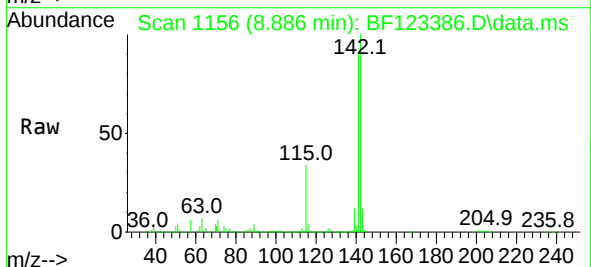
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ClientSampleId :
SP-MANHOLEMSD

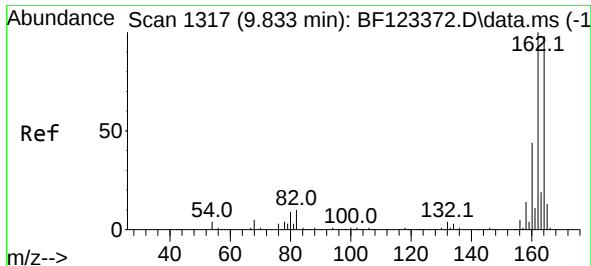
Tgt Ion:142 Resp: 1074267
Ion Ratio Lower Upper
142 100
141 85.7 70.6 106.0



#38
1-Methylnaphthalene
Concen: 35.73 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion:142 Resp: 983673
Ion Ratio Lower Upper
142 100
141 91.2 74.5 111.7

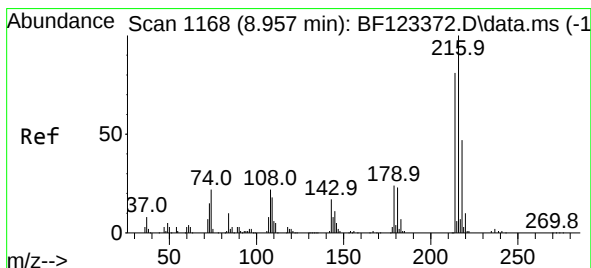
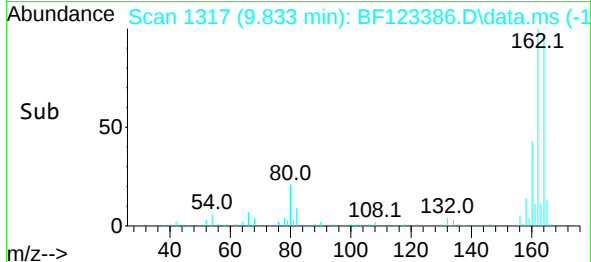
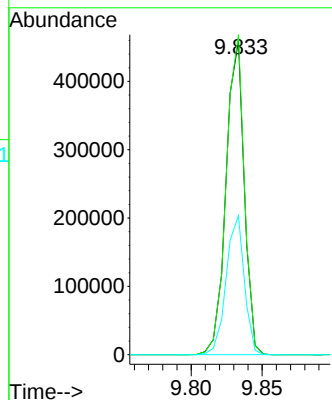
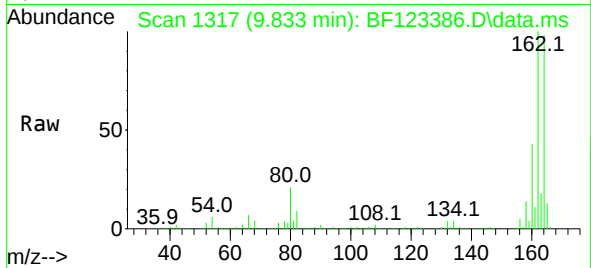




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

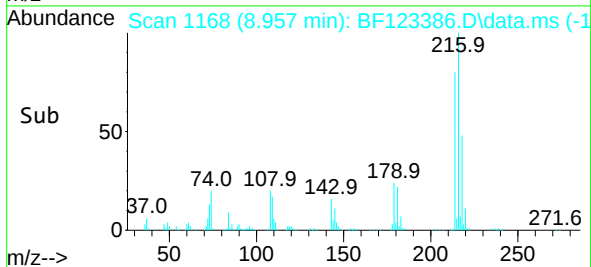
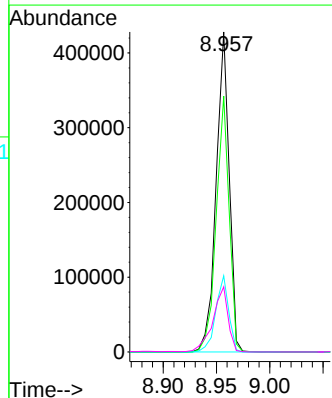
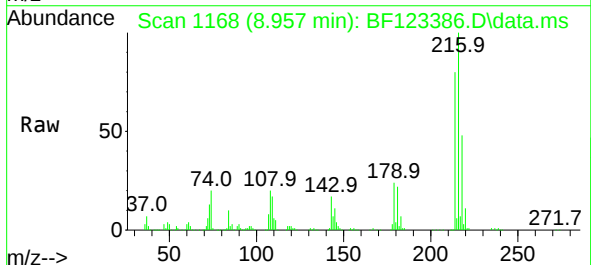
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ClientSampleId :
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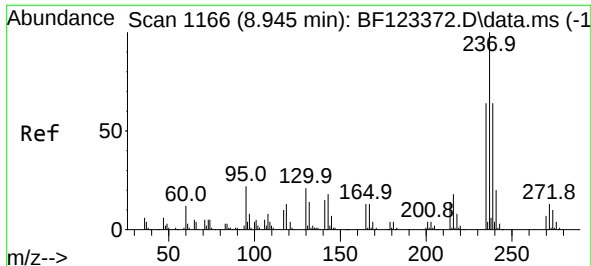
Tgt Ion:164 Resp: 410156
Ion Ratio Lower Upper
164 100
162 102.0 80.8 121.2
160 44.3 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.71 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion:216 Resp: 363491
Ion Ratio Lower Upper
216 100
214 79.1 63.1 94.7
179 23.6 17.1 25.7
108 24.0 14.6 21.8#

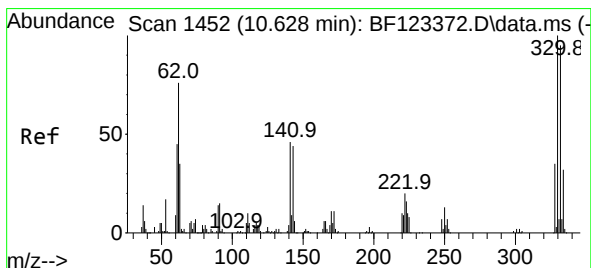
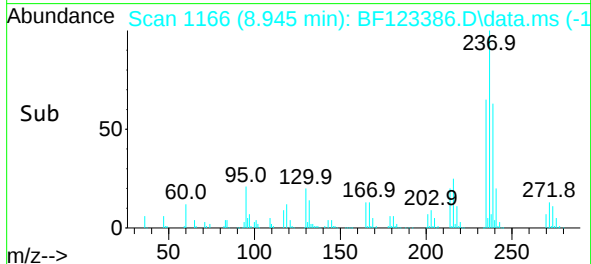
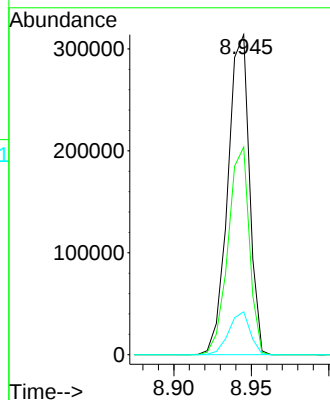
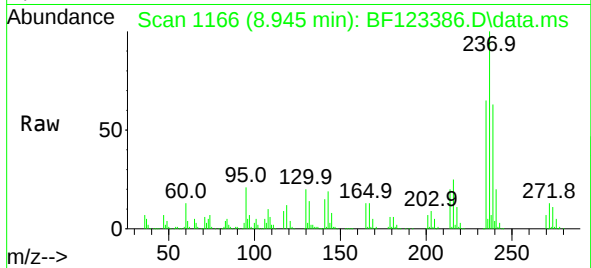




#41
Hexachlorocyclopentadiene
Concen: 91.98 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

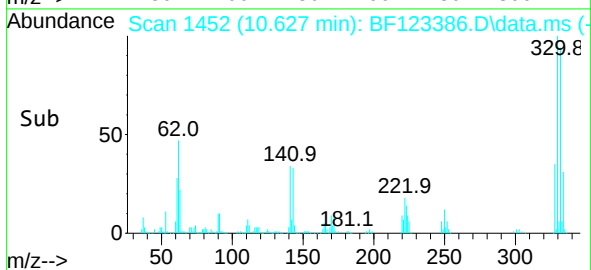
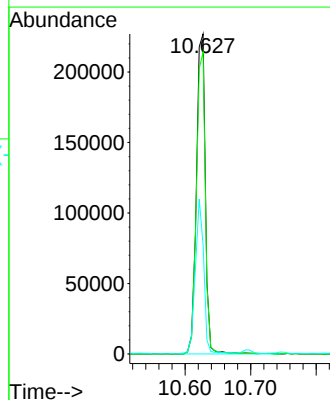
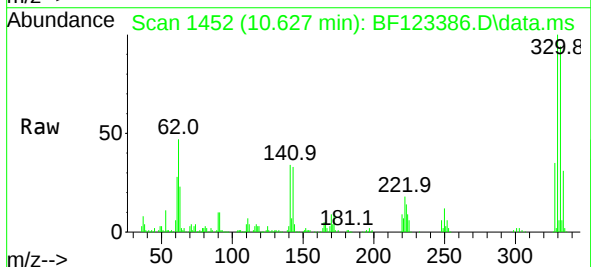
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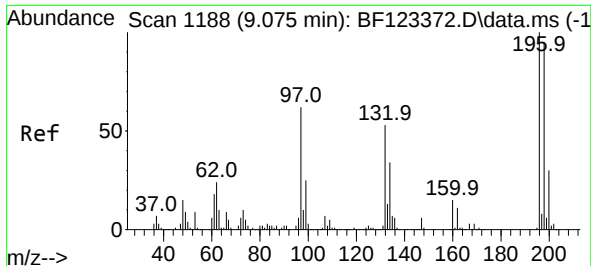
Tgt Ion:237 Resp: 304060
Ion Ratio Lower Upper
237 100
235 64.9 40.9 80.9
272 13.4 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 75.38 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.001 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion:330 Resp: 216075
Ion Ratio Lower Upper
330 100
332 94.1 77.5 116.3
141 45.9 23.8 35.8#

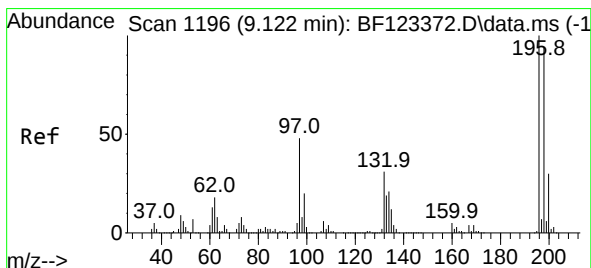
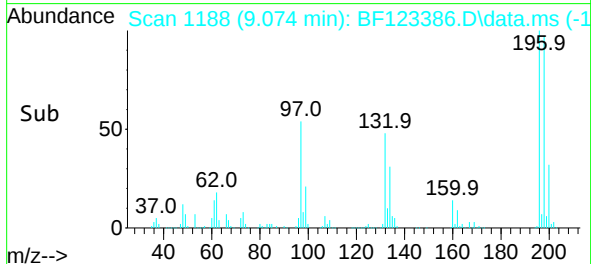
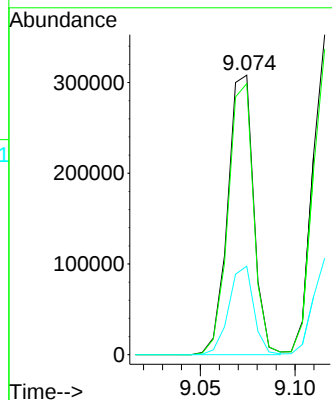
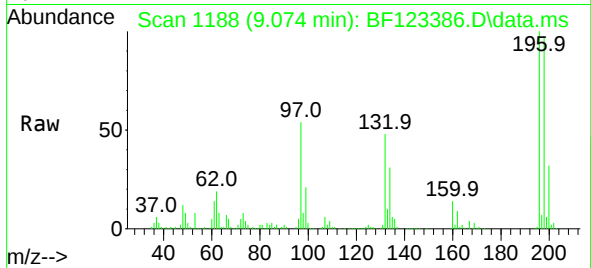




#43
2,4,6-Trichlorophenol
Concen: 38.01 ng
RT: 9.074 min Scan# 1188
Delta R.T. -0.001 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

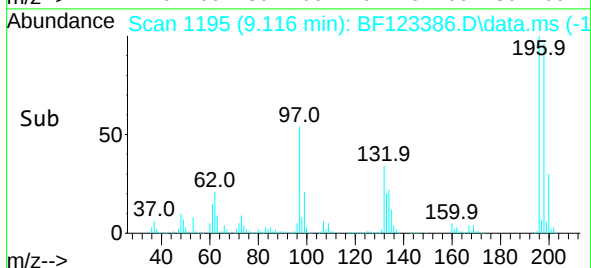
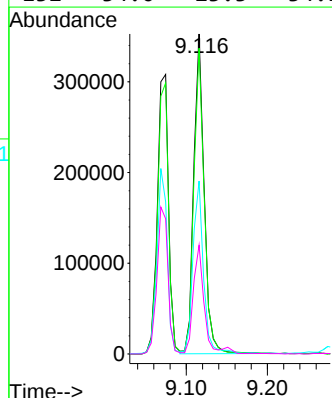
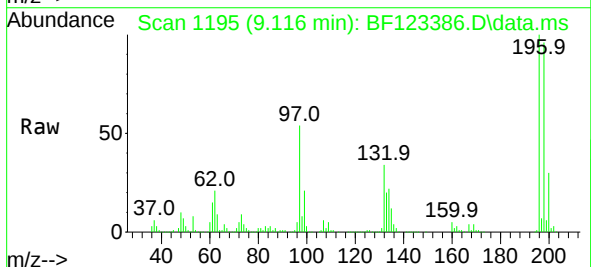
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

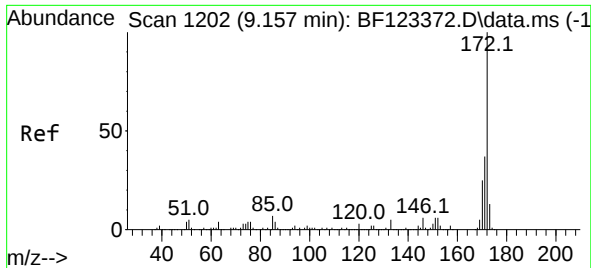
Tgt Ion:196 Resp: 292943
Ion Ratio Lower Upper
196 100
198 97.0 75.1 112.7
200 31.7 23.7 35.5



#44
2,4,5-Trichlorophenol
Concen: 37.91 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion:196 Resp: 315990
Ion Ratio Lower Upper
196 100
198 95.5 76.5 114.7
97 54.0 40.1 60.1
132 34.0 23.3 34.9

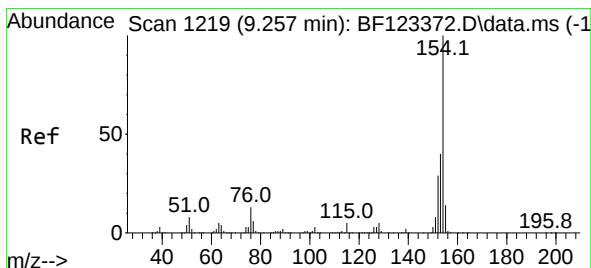
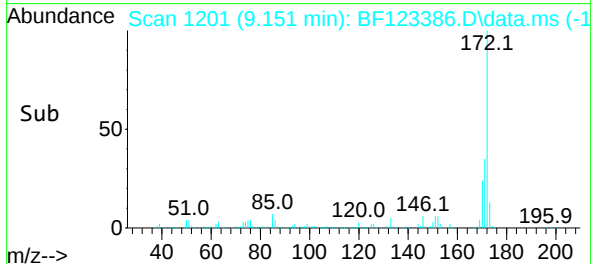
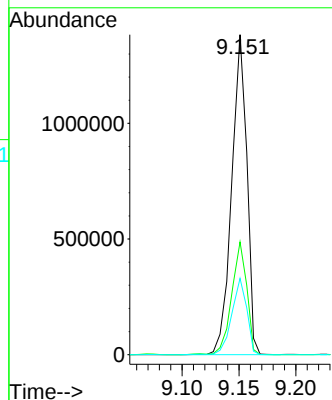
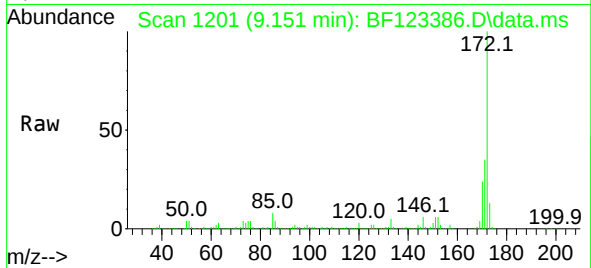




#45
2-Fluorobiphenyl
Concen: 57.58 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

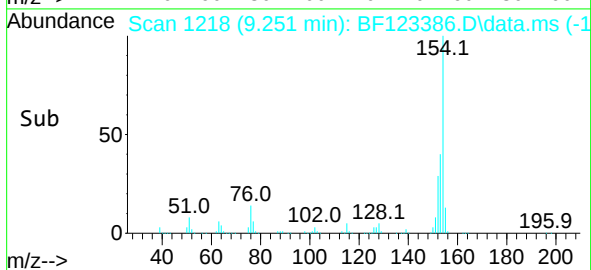
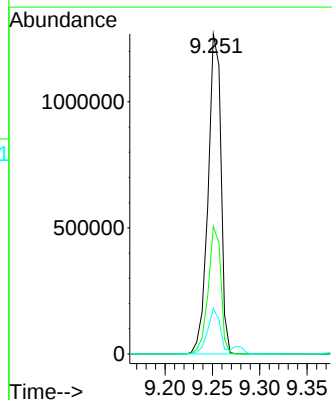
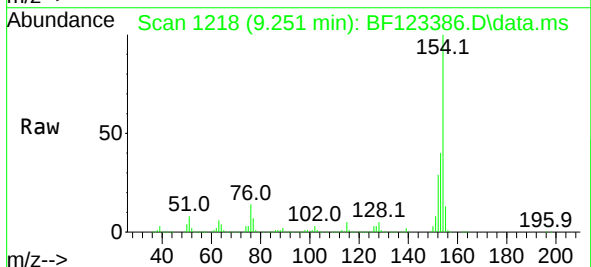
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

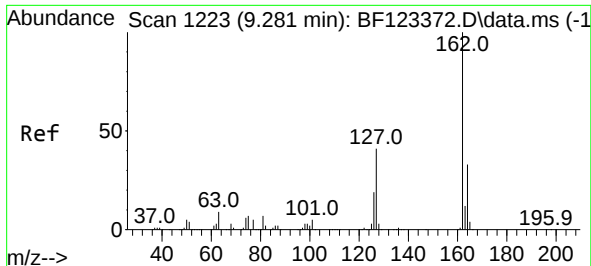
Tgt Ion:172 Resp: 1283531
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 23.8 19.5 29.3



#46
1,1'-Biphenyl
Concen: 35.70 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion:154 Resp: 1193906
Ion Ratio Lower Upper
154 100
153 39.8 21.8 61.8
76 14.2 0.0 33.4





#47

2-Chloronaphthalene

Concen: 34.95 ng

RT: 9.280 min Scan# 1223

Delta R.T. -0.001 min

Lab File: BF123386.D

Acq: 18 Mar 2021 16:43

Tgt Ion: 162 Resp: 926968

Ion Ratio Lower Upper

162 100

127 39.8 33.8 50.8

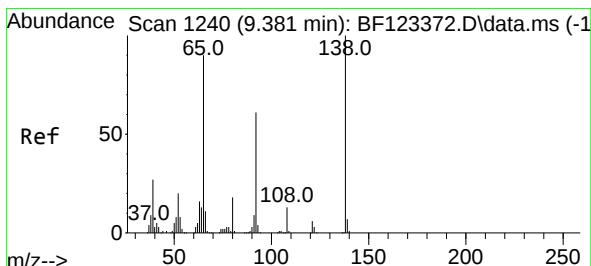
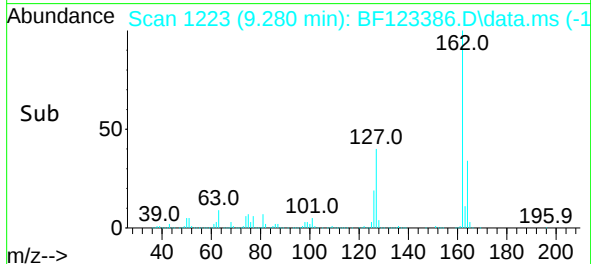
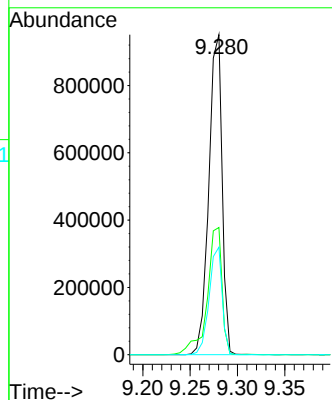
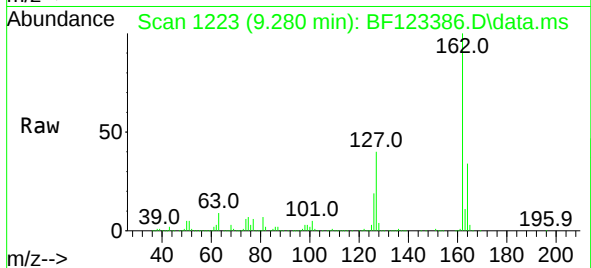
164 33.6 26.5 39.7

Instrument :

BNA_F

ClientSampleId :

SP-MANHOLEMSD



#48

2-Nitroaniline

Concen: 38.55 ng

RT: 9.380 min Scan# 1240

Delta R.T. -0.000 min

Lab File: BF123386.D

Acq: 18 Mar 2021 16:43

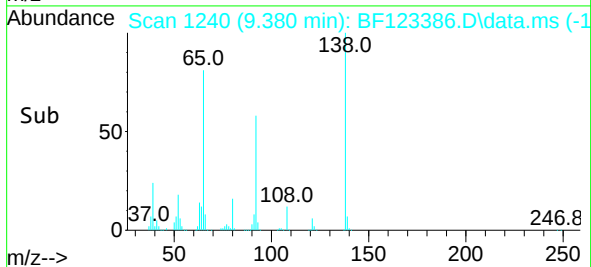
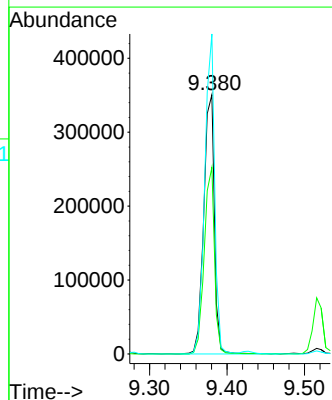
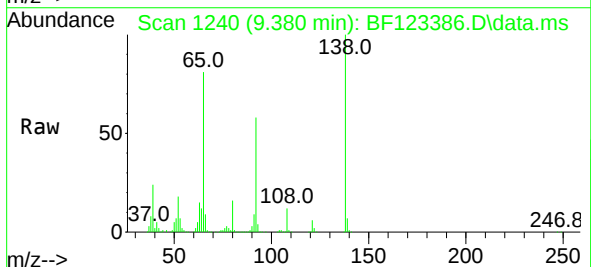
Tgt Ion: 65 Resp: 334706

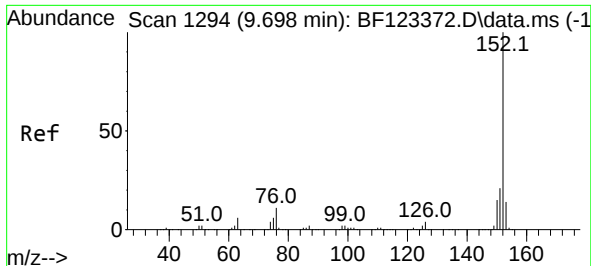
Ion Ratio Lower Upper

65 100

92 72.0 60.0 90.0

138 123.5 100.6 151.0





#49

Acenaphthylene

Concen: 37.11 ng

RT: 9.692 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BF123386.D

Acq: 18 Mar 2021 16:43

Instrument :

BNA_F

ClientSampleId :

SP-MANHOLEMSD

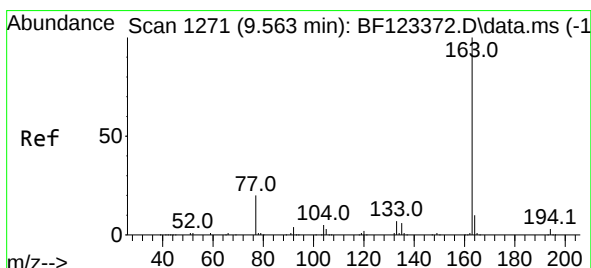
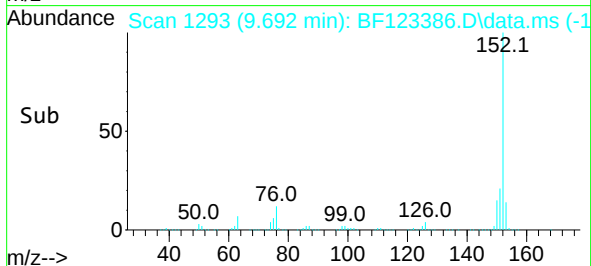
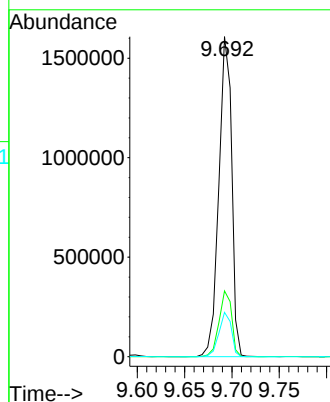
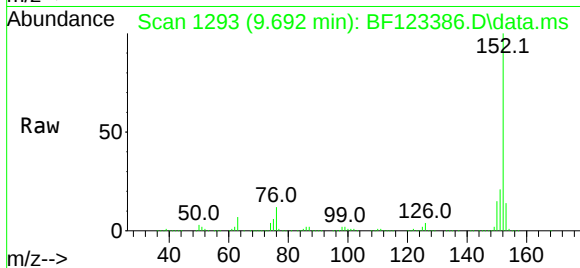
Tgt Ion:152 Resp: 1517826

Ion Ratio Lower Upper

152 100

151 20.6 16.6 25.0

153 13.8 10.9 16.3



#50

Dimethylphthalate

Concen: 39.48 ng

RT: 9.557 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF123386.D

Acq: 18 Mar 2021 16:43

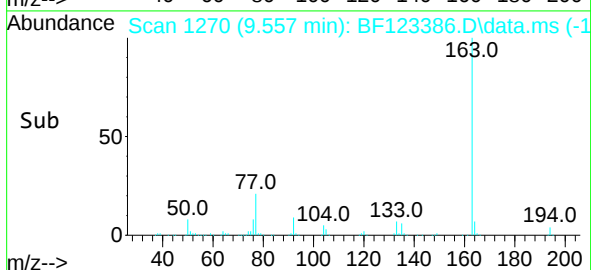
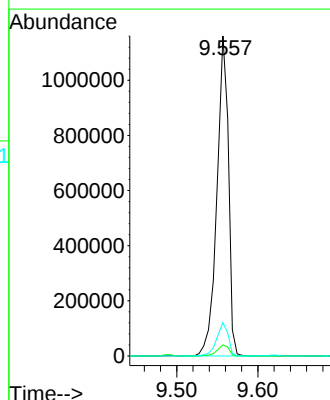
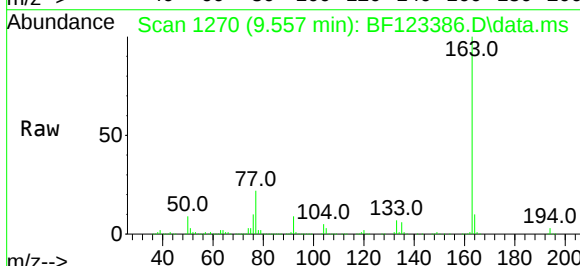
Tgt Ion:163 Resp: 1144681

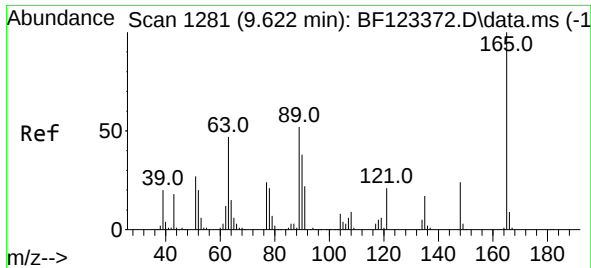
Ion Ratio Lower Upper

163 100

194 3.5 3.4 5.0

164 10.4 8.1 12.1

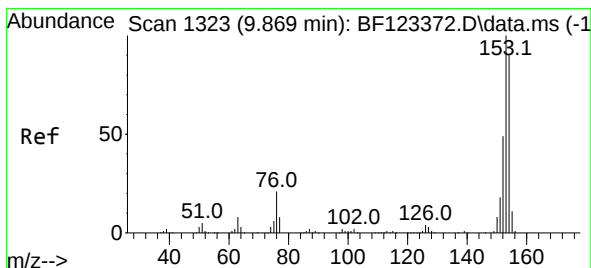
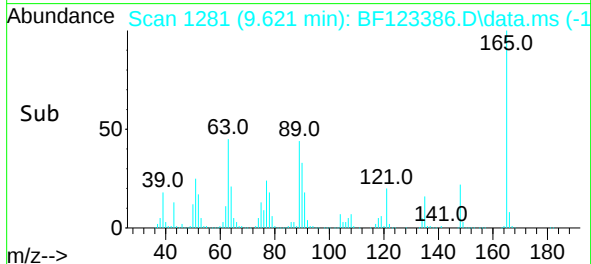
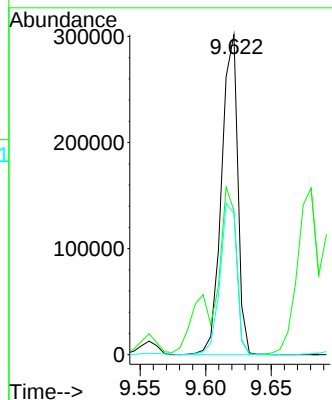
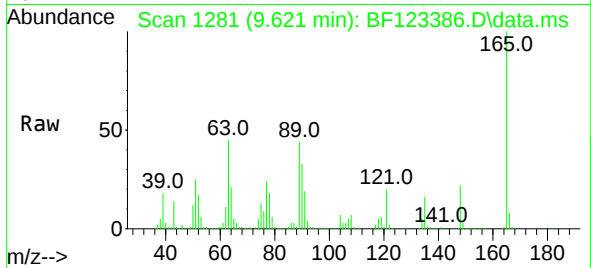




#51
2,6-Dinitrotoluene
Concen: 37.56 ng
RT: 9.621 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

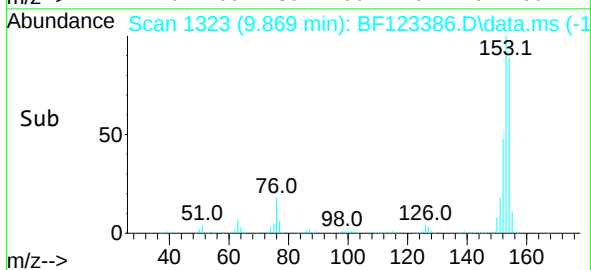
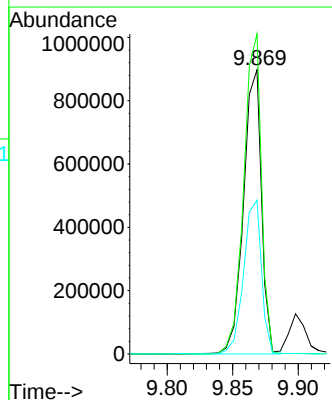
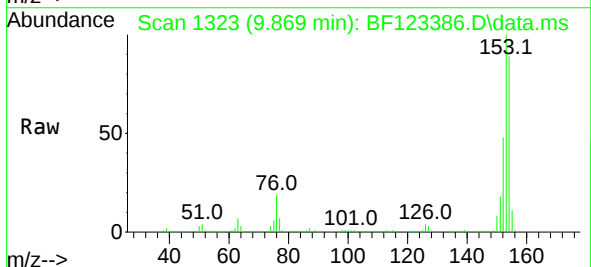
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

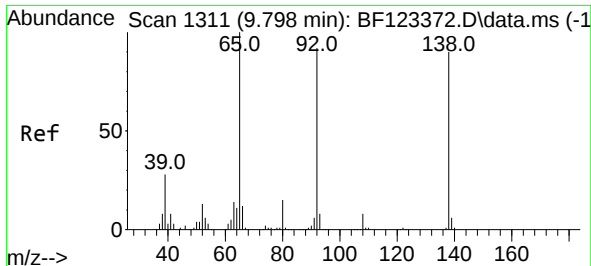
Tgt Ion:165 Resp: 259274
Ion Ratio Lower Upper
165 100
63 45.0 36.6 55.0
89 44.2 39.4 59.0



#52
Acenaphthene
Concen: 35.75 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion:154 Resp: 859205
Ion Ratio Lower Upper
154 100
153 112.6 89.0 133.6
152 54.1 42.7 64.1

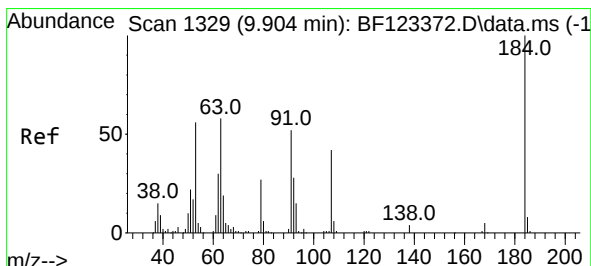
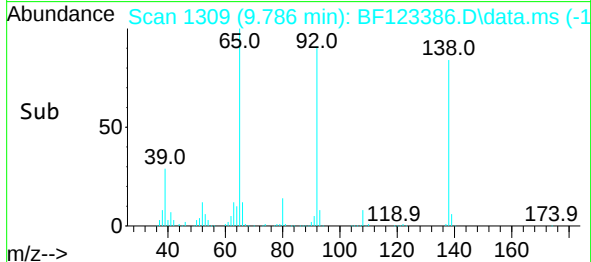
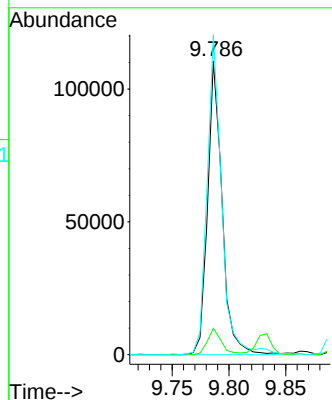
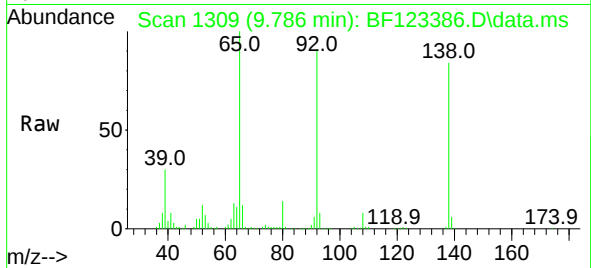




#53
3-Nitroaniline
Concen: 11.31 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

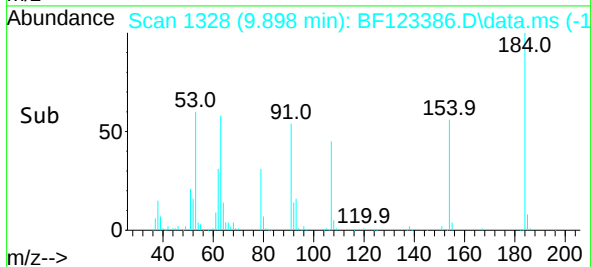
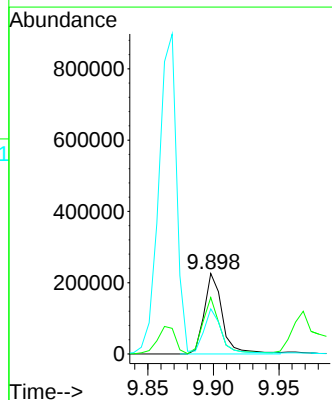
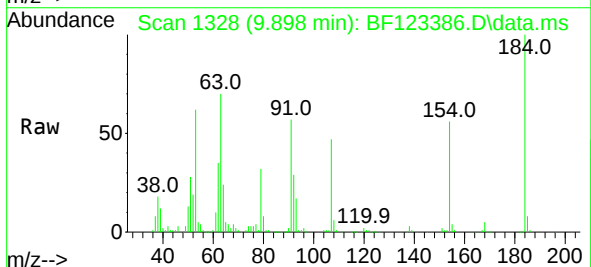
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

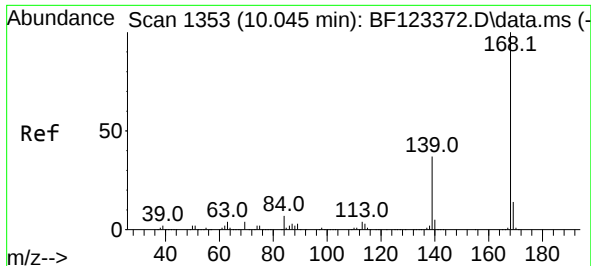
Tgt Ion:138 Resp: 97957
Ion Ratio Lower Upper
138 100
108 9.0 8.2 12.2
92 109.1 85.4 128.2



#54
2,4-Dinitrophenol
Concen: 63.24 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion:184 Resp: 218427
Ion Ratio Lower Upper
184 100
63 70.2 51.4 77.2
154 56.1 49.7 74.5

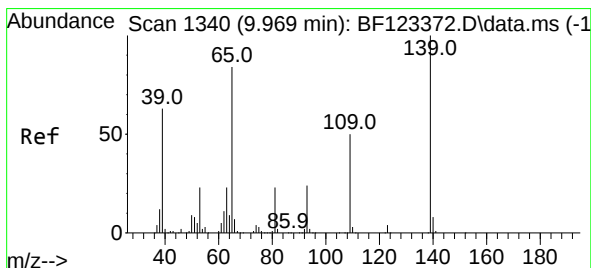
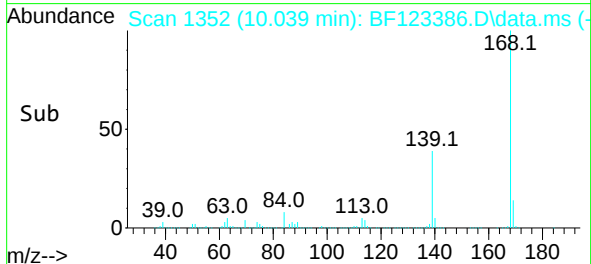
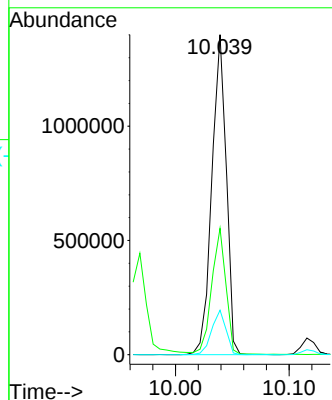
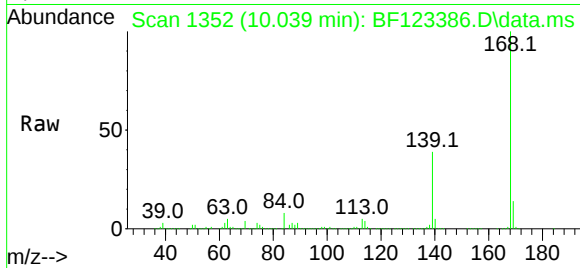




#55
Dibenzenofuran
Concen: 37.55 ng
RT: 10.039 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

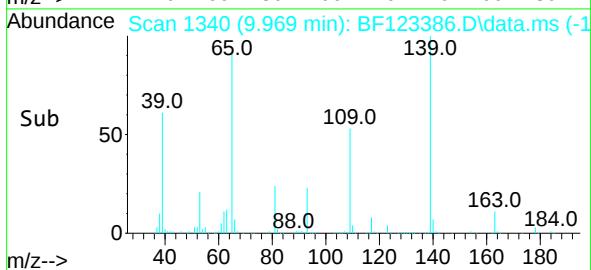
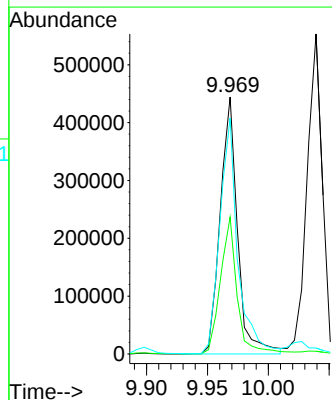
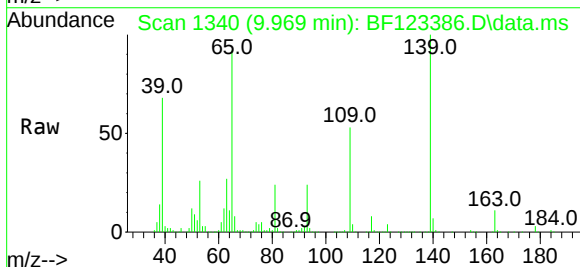
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

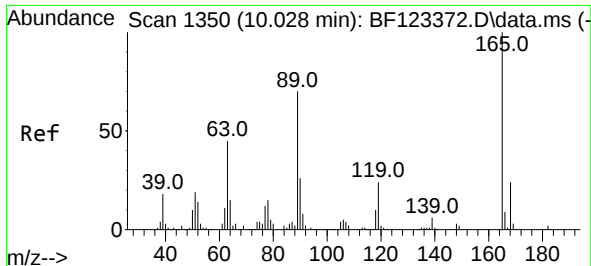
Tgt Ion:168 Resp: 1232460
Ion Ratio Lower Upper
168 100
139 39.5 31.3 46.9
169 13.9 11.2 16.8



#56
4-Nitrophenol
Concen: 76.33 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion:139 Resp: 440831
Ion Ratio Lower Upper
139 100
109 53.3 45.1 85.1
65 91.8 59.2 99.2

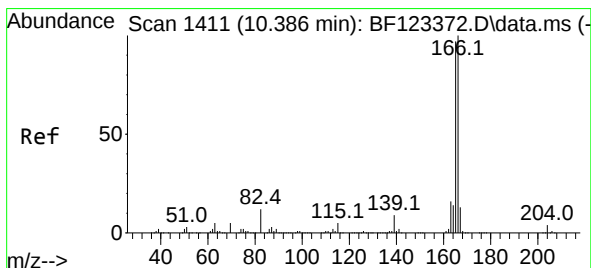
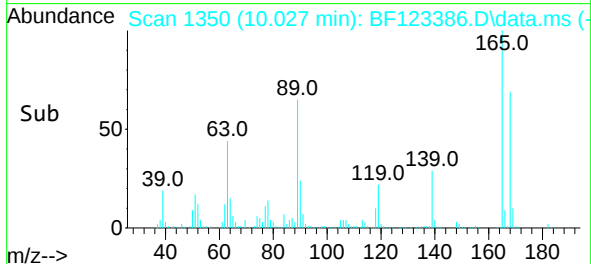
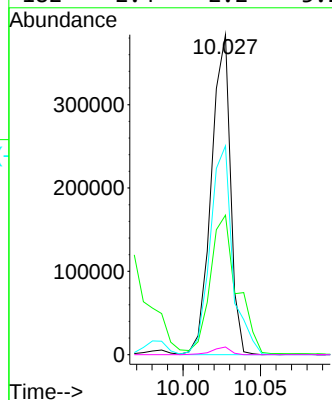
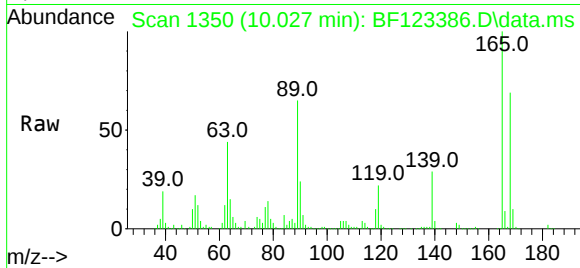




#57
2,4-Dinitrotoluene
Concen: 37.46 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.001 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

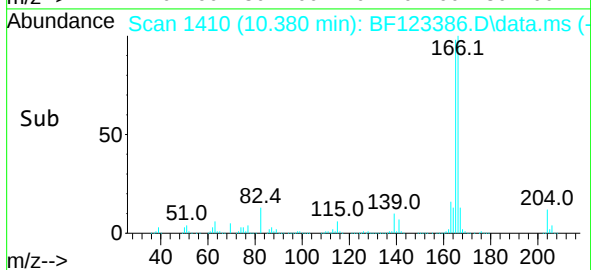
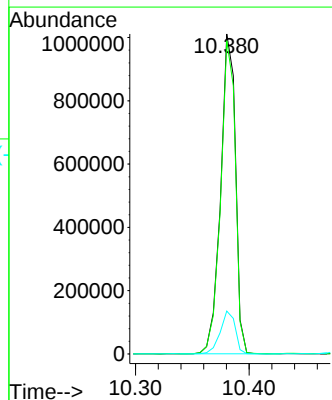
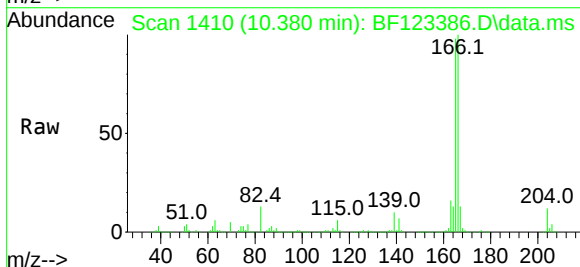
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

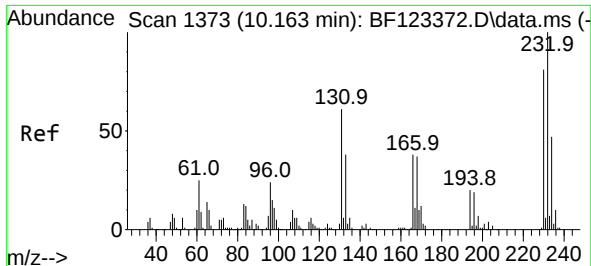
Tgt Ion:	165	Resp:	329706
Ion Ratio	Lower	Upper	
165	100		
63	43.6	34.3	51.5
89	65.3	55.2	82.8
182	2.4	2.2	3.2



#58
Fluorene
Concen: 38.12 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion:	166	Resp:	922677
Ion Ratio	Lower	Upper	
166	100		
165	97.9	79.4	119.0
167	13.4	10.9	16.3

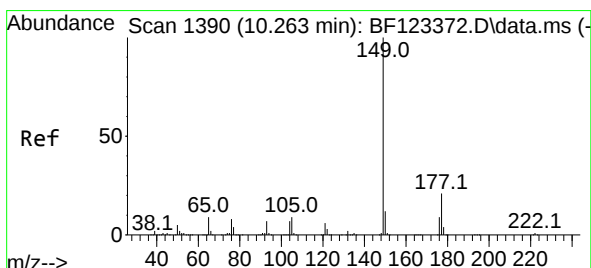
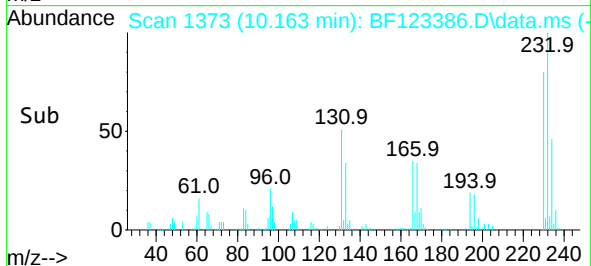
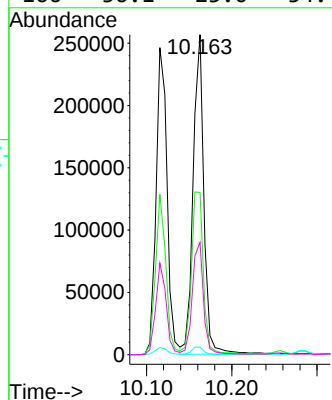
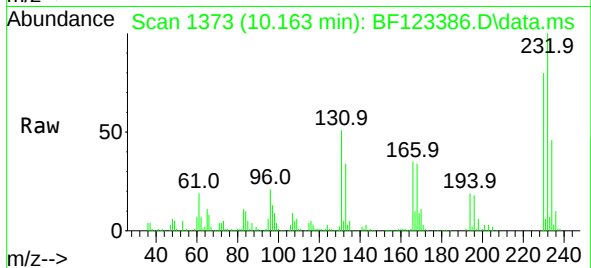




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.91 ng
RT: 10.163 min Scan# 1373
Delta R.T. -0.000 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

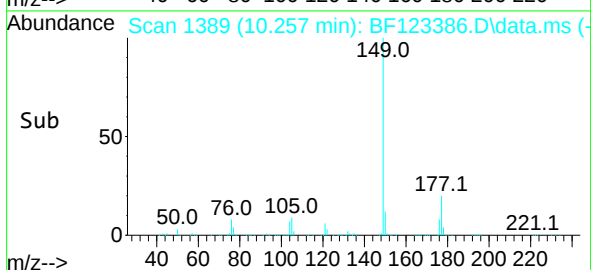
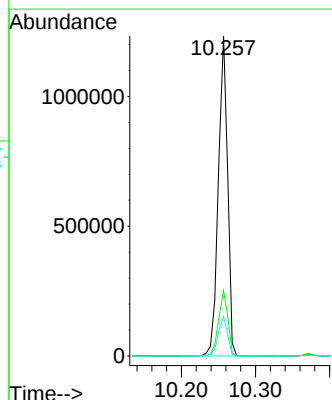
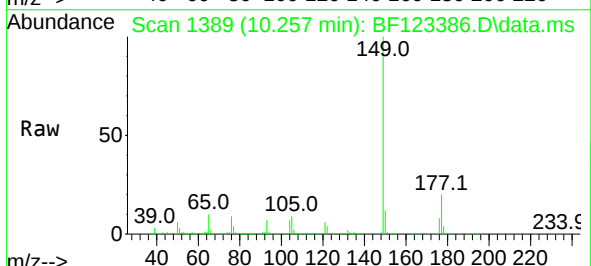
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

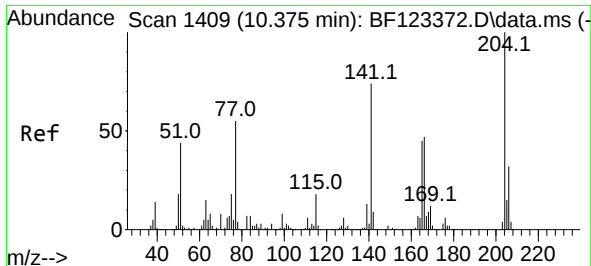
Tgt Ion:232 Resp: 223184
Ion Ratio Lower Upper
232 100
131 56.2 33.0 49.4#
130 2.8 1.7 2.5#
166 36.1 23.0 34.4#



#60
Diethylphthalate
Concen: 37.03 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion:149 Resp: 1062966
Ion Ratio Lower Upper
149 100
177 20.4 18.2 27.4
150 12.3 10.1 15.1

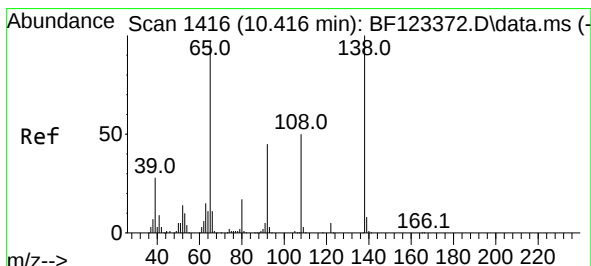
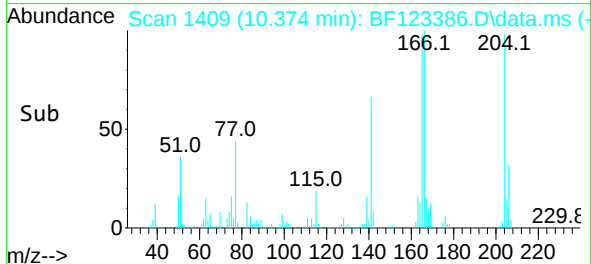
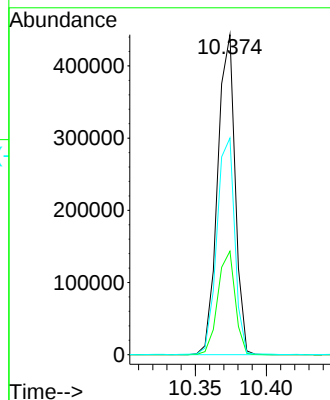
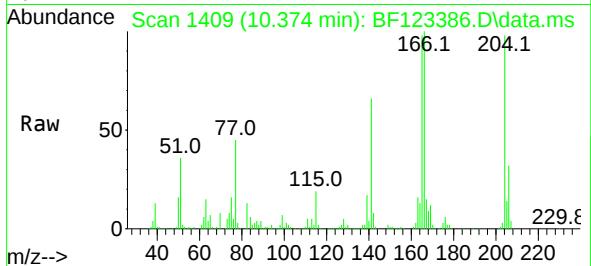




#61
4-Chlorophenyl-phenylether
Concen: 38.46 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.001 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

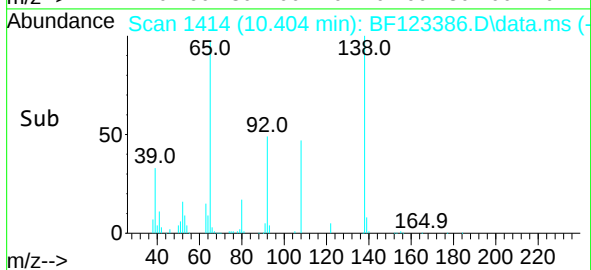
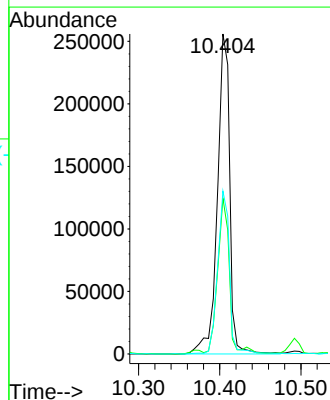
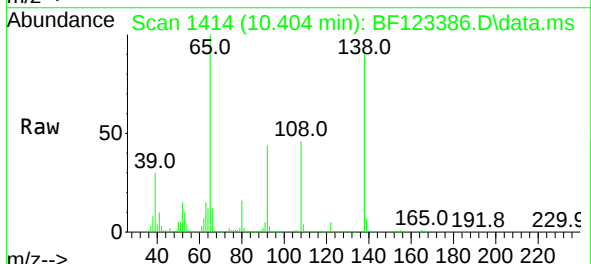
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

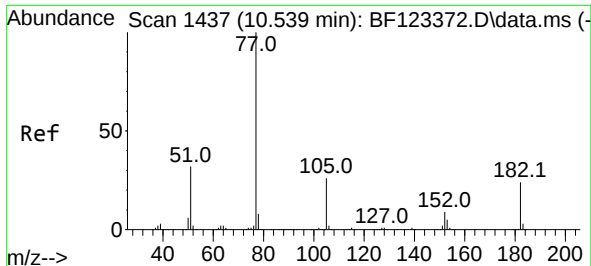
Tgt Ion:204 Resp: 379300
Ion Ratio Lower Upper
204 100
206 32.4 27.0 40.4
141 67.7 50.4 75.6



#62
4-Nitroaniline
Concen: 31.49 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion:138 Resp: 270754
Ion Ratio Lower Upper
138 100
92 48.7 31.0 71.0
108 50.9 54.8 94.8#

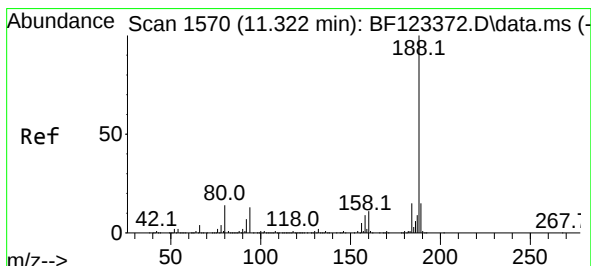
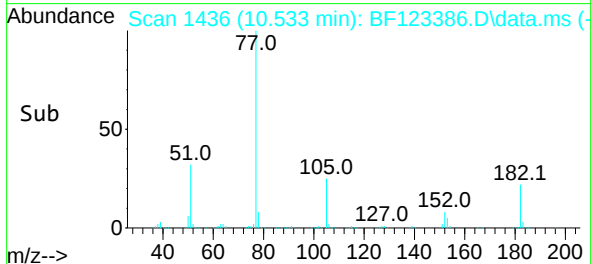
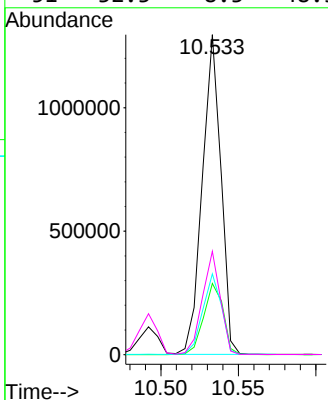
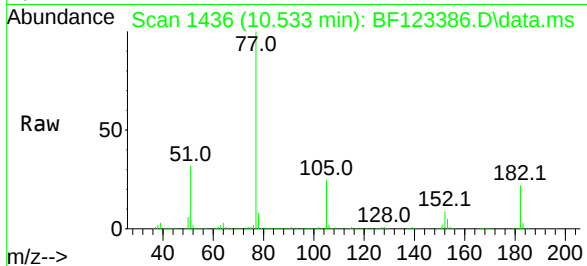




#63
Azobenzene
Concen: 35.13 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

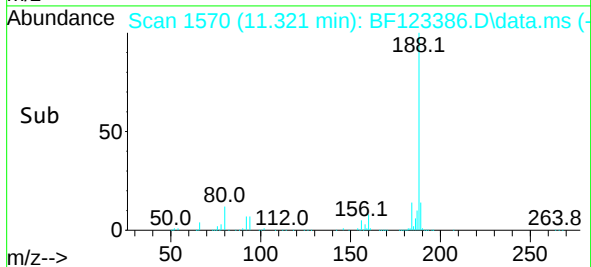
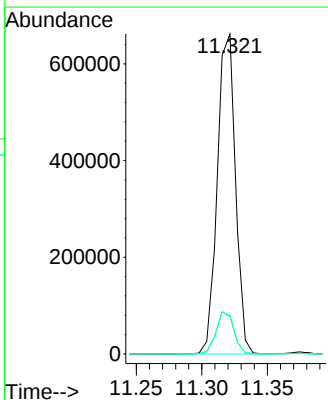
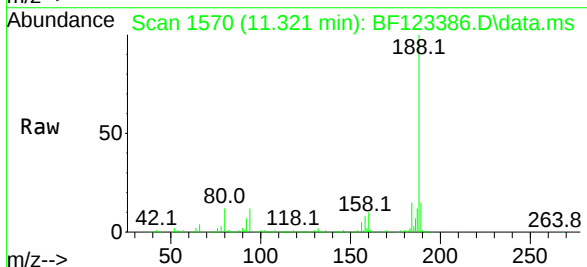
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

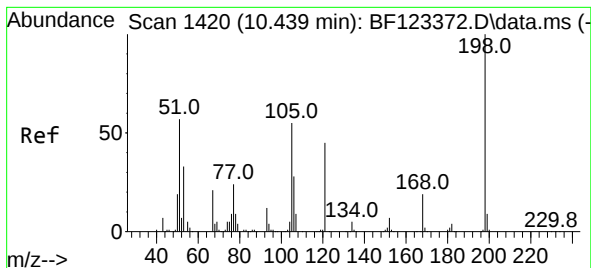
Tgt Ion: 77 Resp: 1078721
Ion Ratio Lower Upper
77 100
182 22.2 5.6 45.6
105 25.3 1.8 41.8
51 32.3 8.3 48.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion: 188 Resp: 637086
Ion Ratio Lower Upper
188 100
94 11.7 7.4 11.2#
80 12.1 8.2 12.4

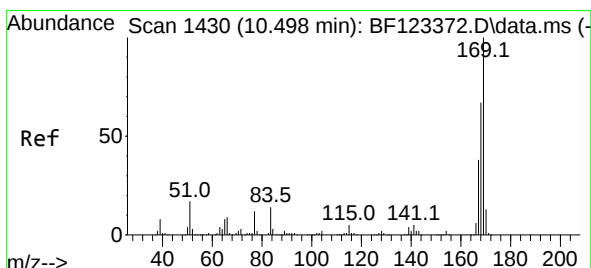
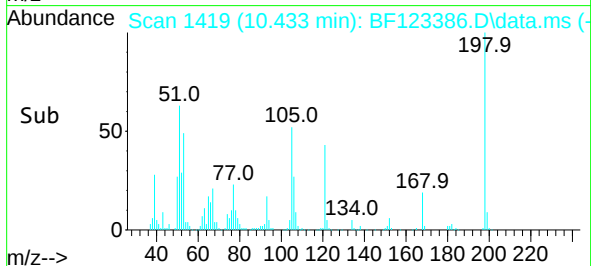
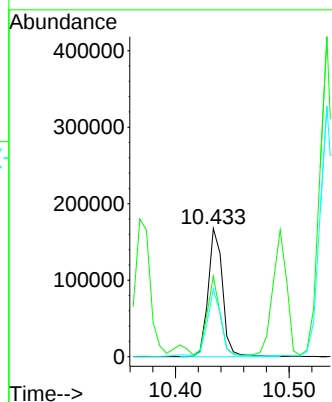
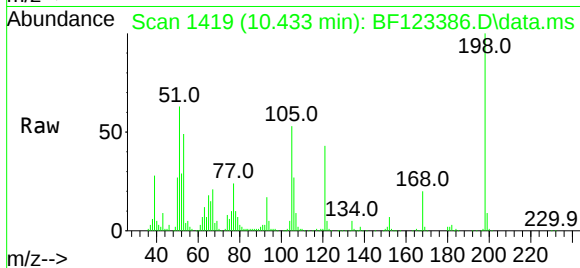




#65
4,6-Dinitro-2-methylphenol
Concen: 32.80 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

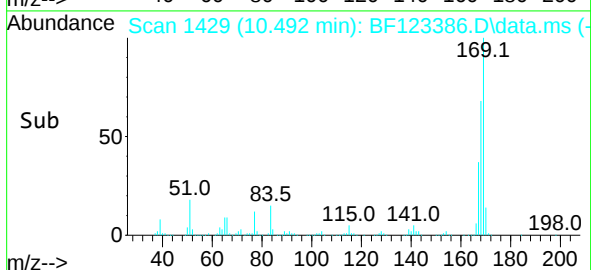
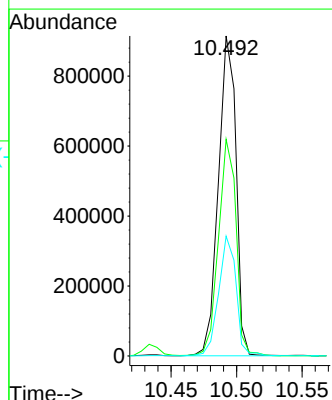
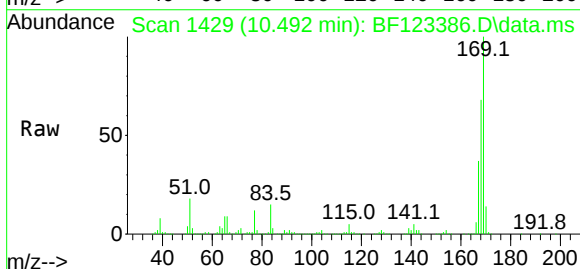
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

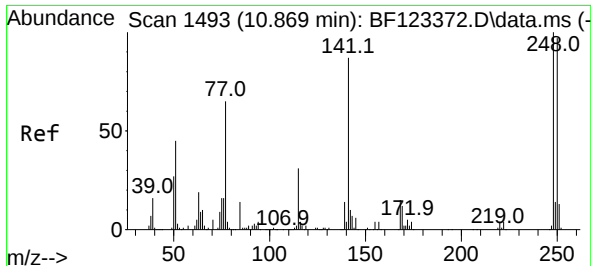
Tgt Ion:198 Resp: 147032
Ion Ratio Lower Upper
198 100
51 62.8 20.3 60.3#
105 52.7 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 37.42 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion:169 Resp: 852463
Ion Ratio Lower Upper
169 100
168 67.7 54.2 81.2
167 37.5 29.2 43.8

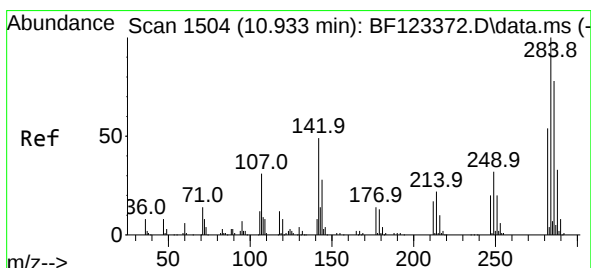
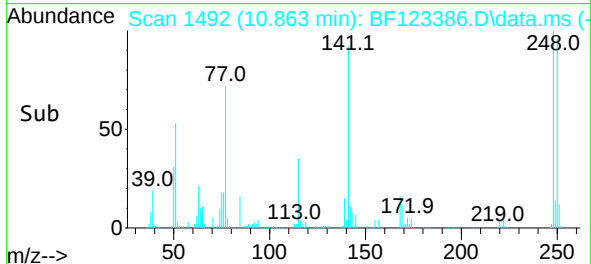
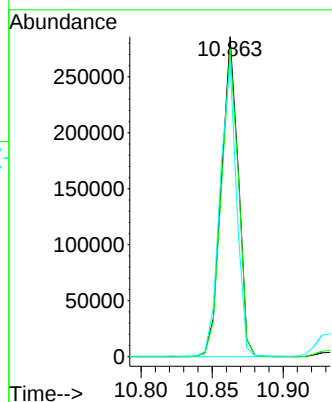
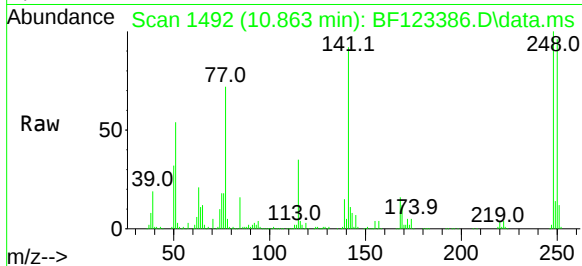




#67
4-Bromophenyl-phenylether
Concen: 38.79 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

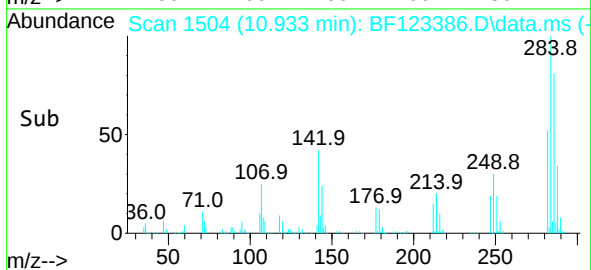
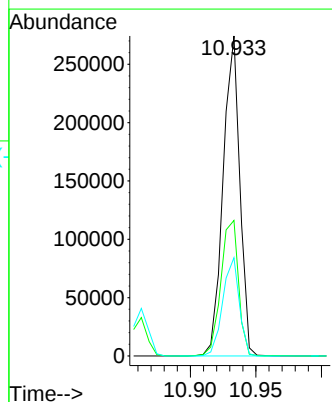
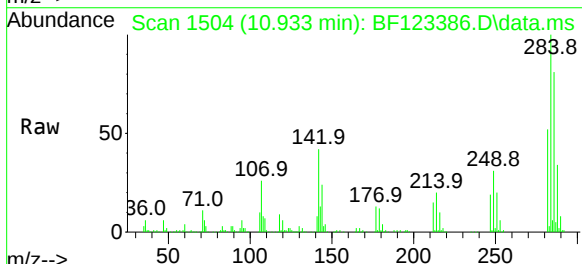
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

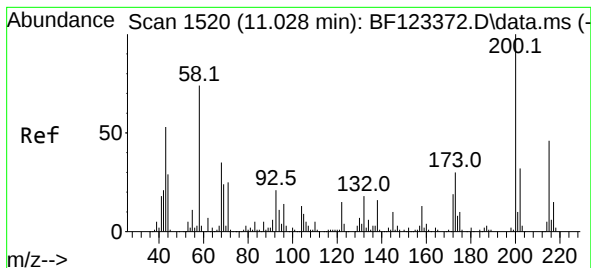
Tgt Ion:248 Resp: 235346
Ion Ratio Lower Upper
248 100
250 96.1 76.8 115.2
141 92.1 59.8 89.8#



#68
Hexachlorobenzene
Concen: 38.43 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion:284 Resp: 241923
Ion Ratio Lower Upper
284 100
142 42.4 25.6 38.4#
249 30.7 25.1 37.7





#69

Atrazine

Concen: 42.68 ng

RT: 11.027 min Scan# 1520

Delta R.T. -0.000 min

Lab File: BF123386.D

Acq: 18 Mar 2021 16:43

Tgt Ion:200 Resp: 259330

Ion Ratio Lower Upper

200 100

173 29.0 6.6 46.6

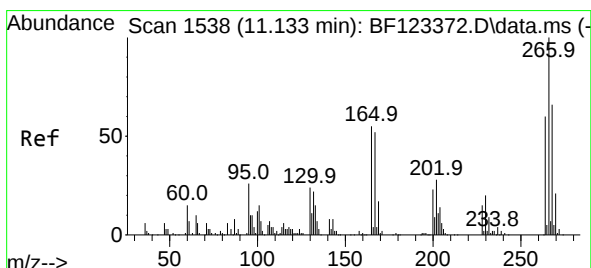
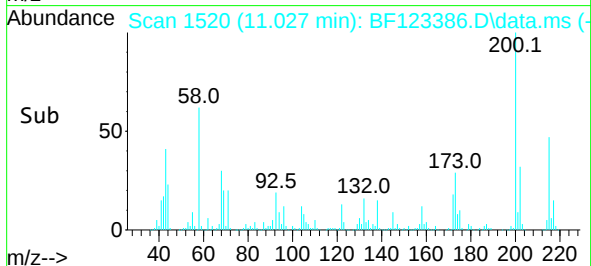
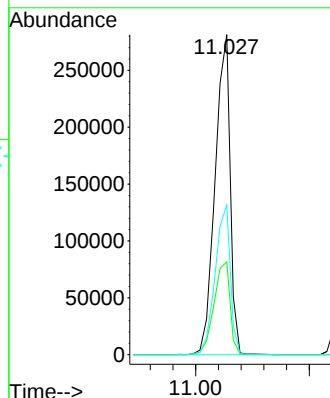
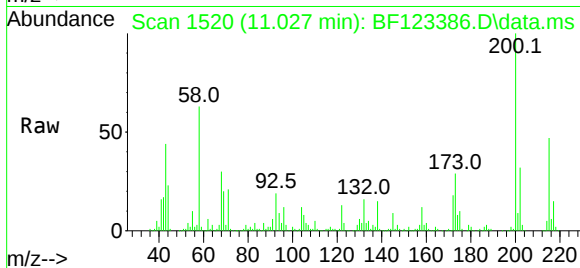
215 46.8 28.1 68.1

Instrument :

BNA_F

ClientSampleId :

SP-MANHOLEMSD



#70

Pentachlorophenol

Concen: 76.53 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.000 min

Lab File: BF123386.D

Acq: 18 Mar 2021 16:43

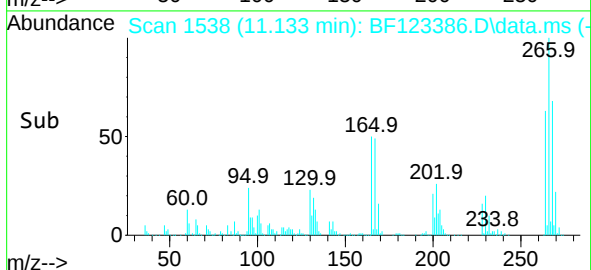
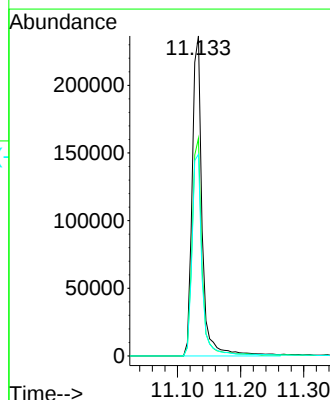
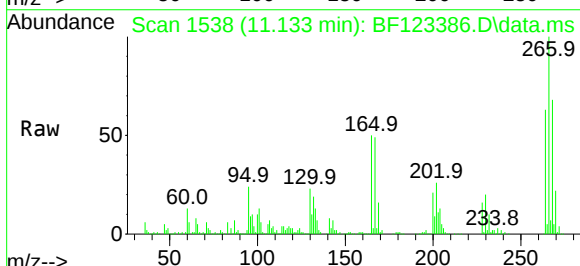
Tgt Ion:266 Resp: 261313

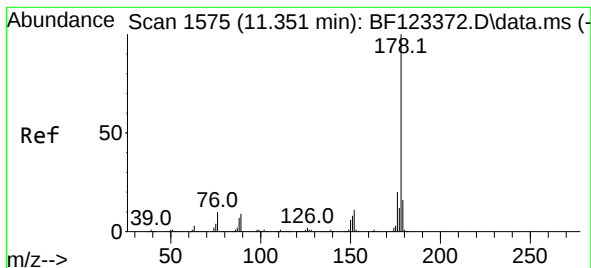
Ion Ratio Lower Upper

266 100

268 68.0 50.5 75.7

264 63.0 49.8 74.8

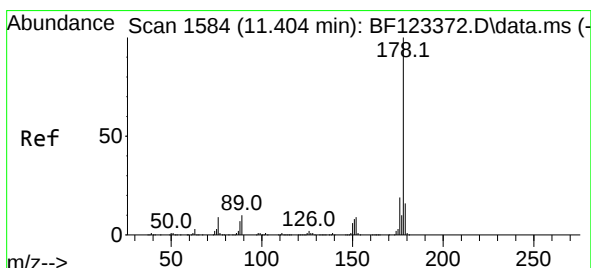
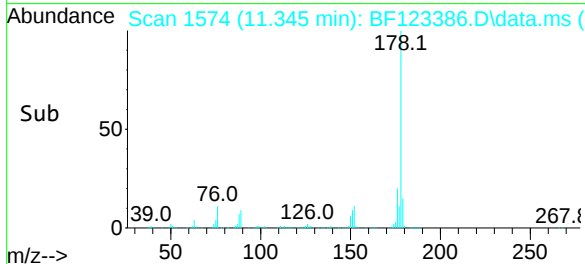
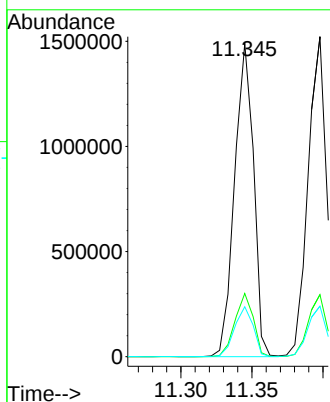
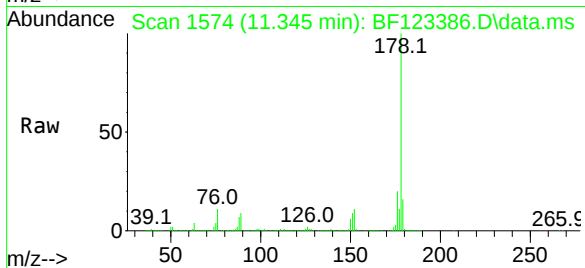




#71
Phenanthrene
Concen: 35.65 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

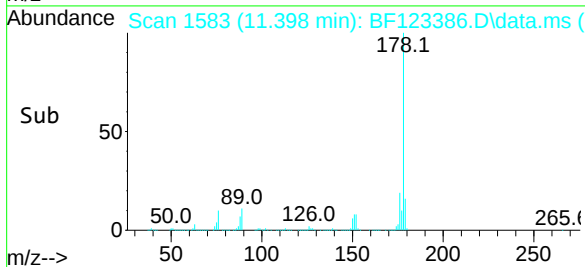
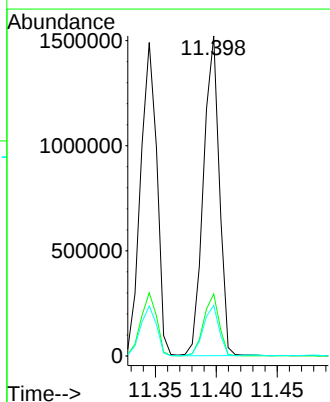
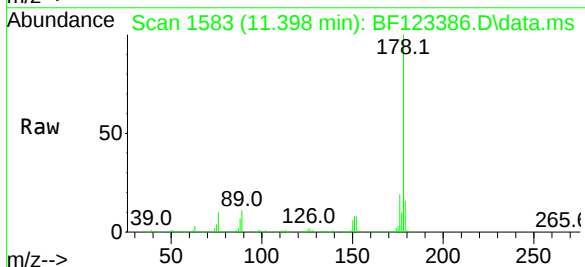
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

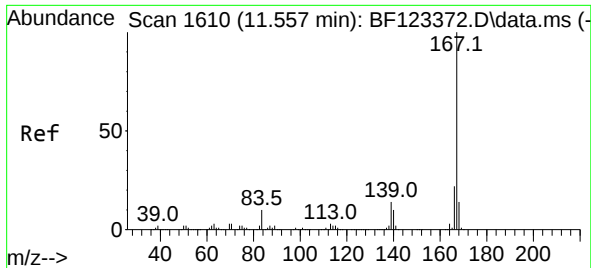
Tgt Ion:178 Resp: 1386191
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.2
179 15.9 12.7 19.1



#72
Anthracene
Concen: 35.04 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion:178 Resp: 1370463
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.8 12.8 19.2

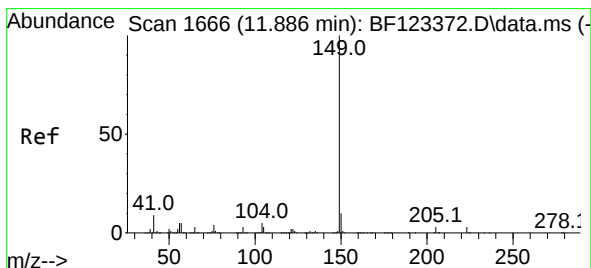
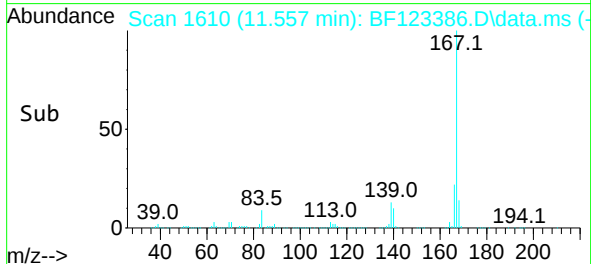
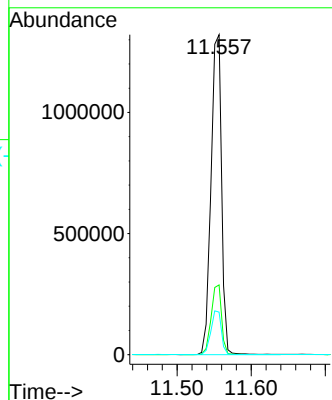
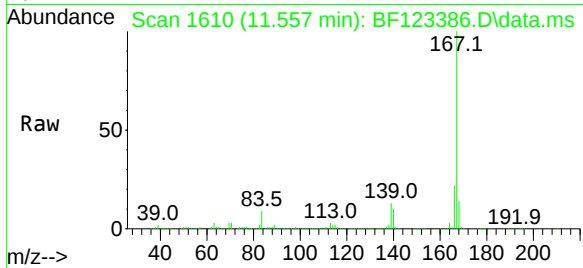




#73
 Carbazole
 Concen: 32.80 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. -0.000 min
 Lab File: BF123386.D
 Acq: 18 Mar 2021 16:43

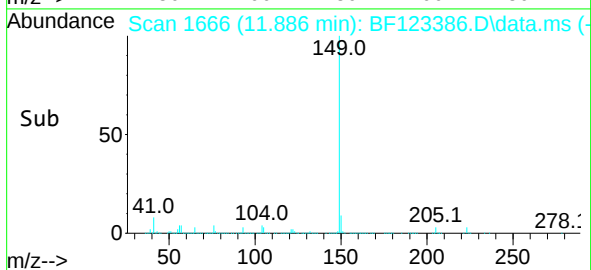
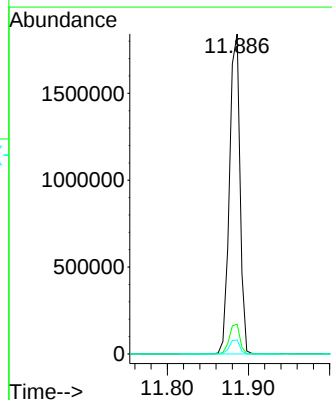
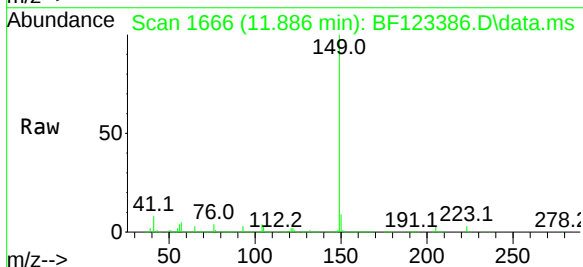
Instrument :
 BNA_F
 ClientSampleId :
 SP-MANHOLEMSD

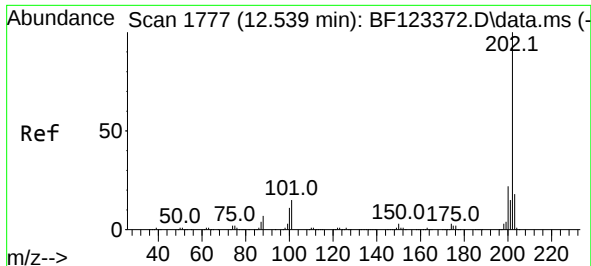
Tgt Ion:167 Resp: 1306058
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.0 27.0
 139 13.3 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 36.56 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF123386.D
 Acq: 18 Mar 2021 16:43

Tgt Ion:149 Resp: 1653849
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.6
 104 4.4 4.2 6.4

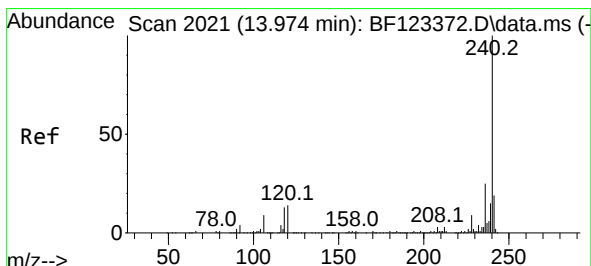
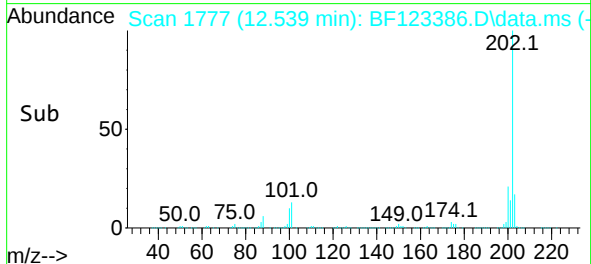
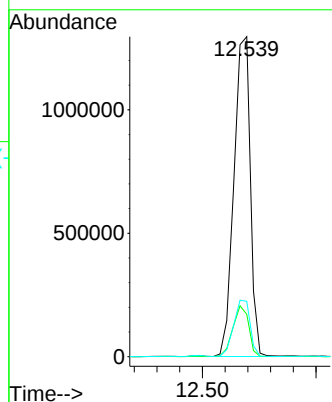
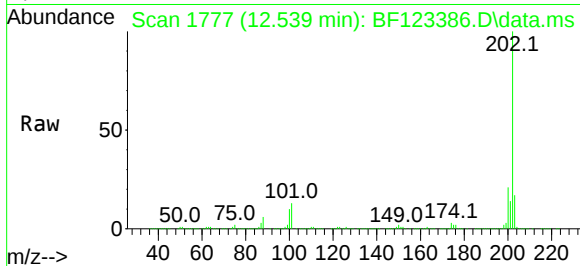




#75
Fluoranthene
Concen: 40.19 ng
RT: 12.539 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

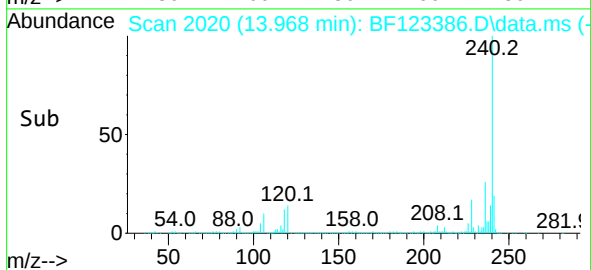
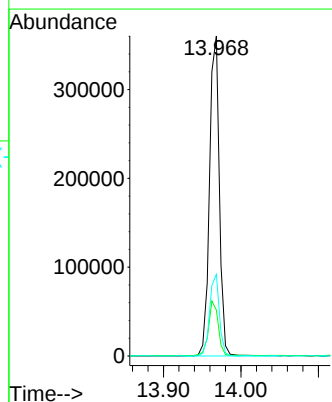
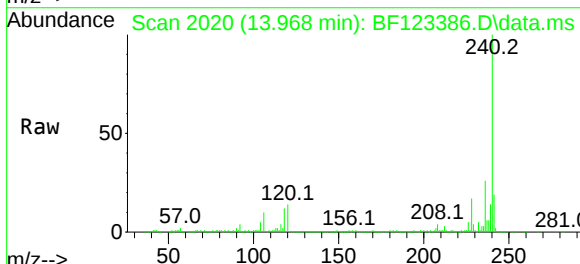
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

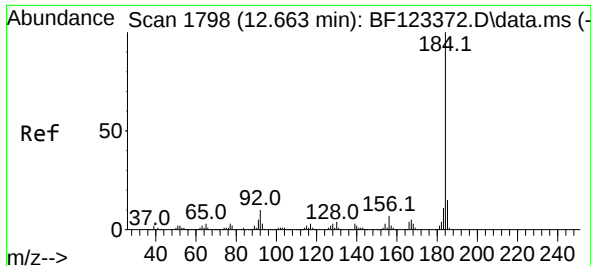
Tgt Ion:202 Resp: 1296015
Ion Ratio Lower Upper
202 100
101 13.3 0.0 32.2
203 17.3 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion:240 Resp: 317145
Ion Ratio Lower Upper
240 100
120 14.4 8.6 12.8#
236 25.5 20.3 30.5

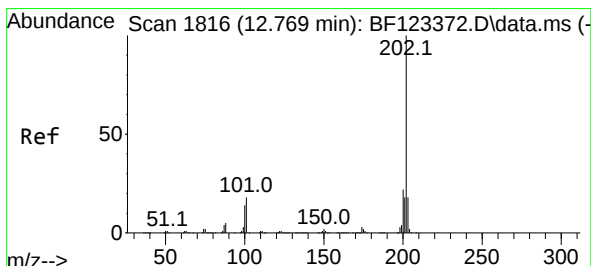
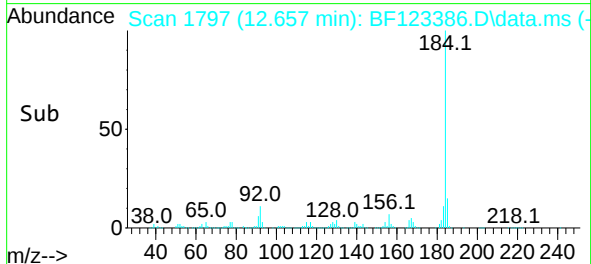
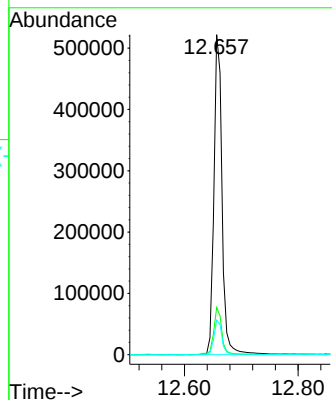
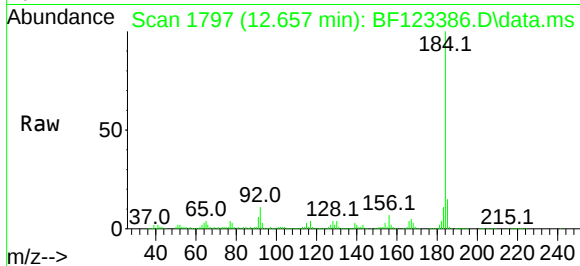




#77
Benzidine
Concen: 44.74 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

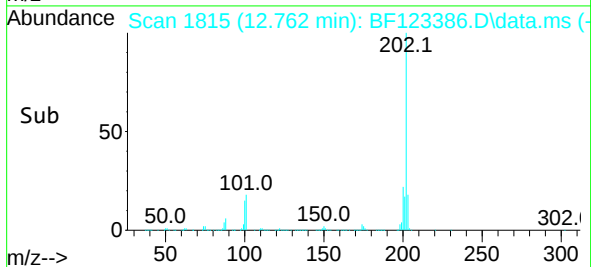
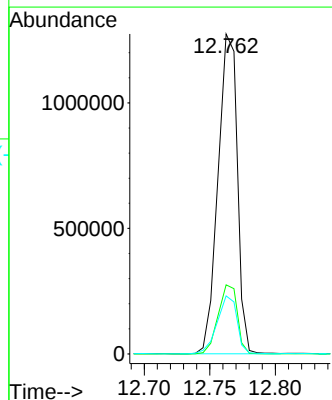
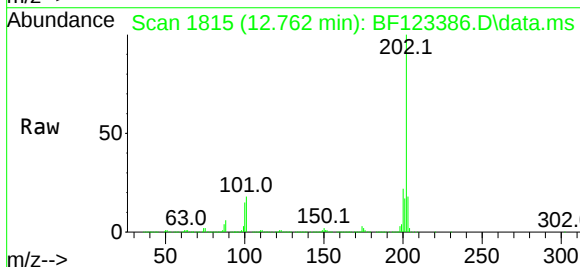
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

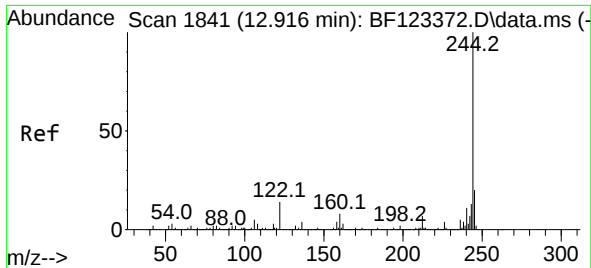
Tgt Ion:184 Resp: 515386
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 10.8 9.7 14.5



#78
Pyrene
Concen: 44.83 ng
RT: 12.762 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion:202 Resp: 1304183
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 18.1 14.6 21.8

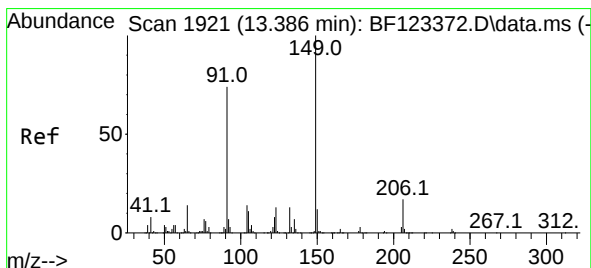
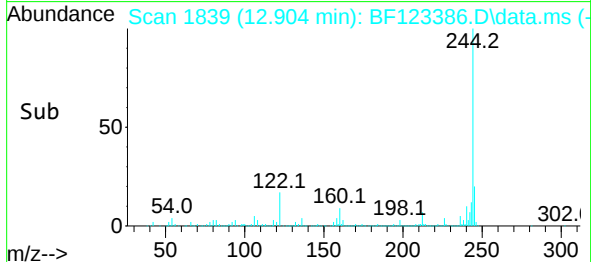
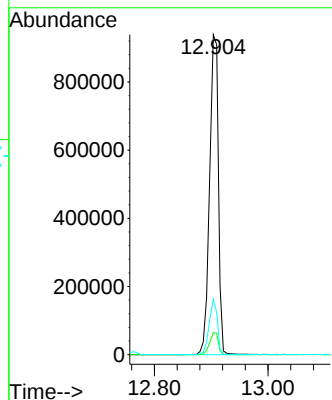
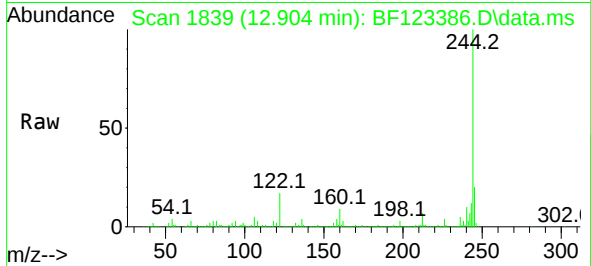




#79
Terphenyl-d14
Concen: 61.81 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

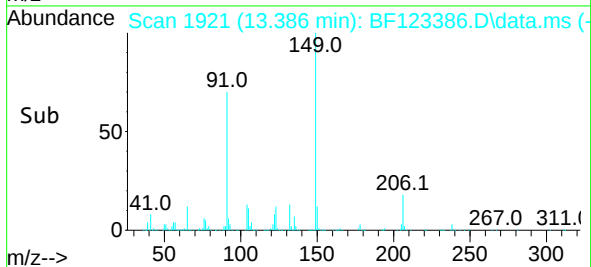
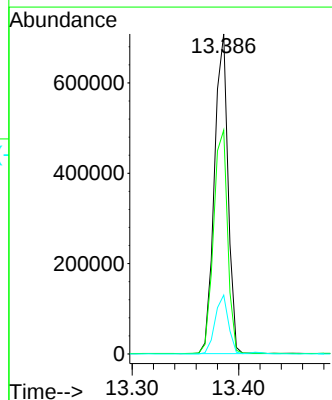
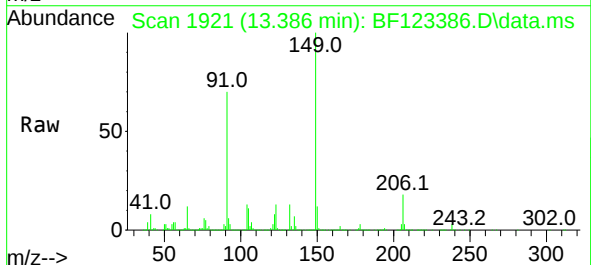
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

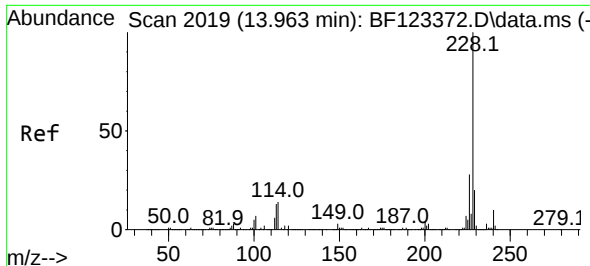
Tgt Ion:244 Resp: 1006743
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 17.2 8.3 12.5#



#80
Butylbenzylphthalate
Concen: 45.93 ng
RT: 13.386 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion:149 Resp: 630144
Ion Ratio Lower Upper
149 100
91 69.9 56.5 84.7
206 18.4 17.0 25.6

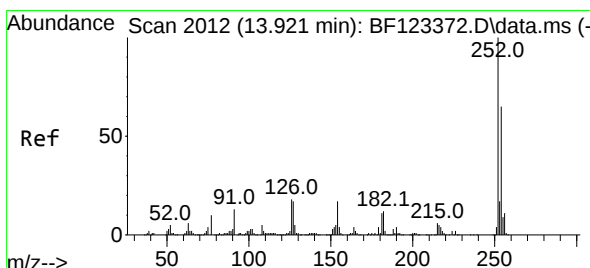
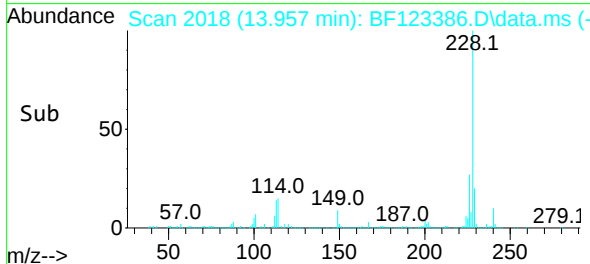
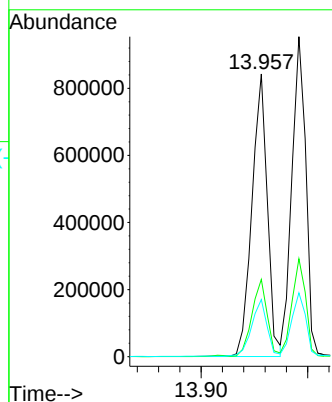
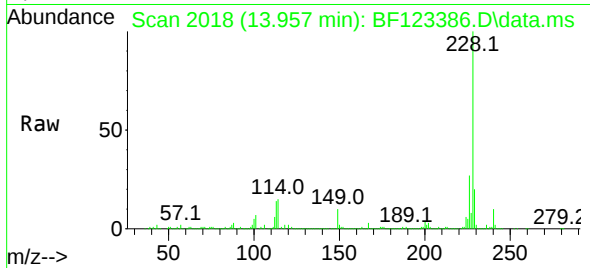




#81
Benzo(a)anthracene
Concen: 40.25 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

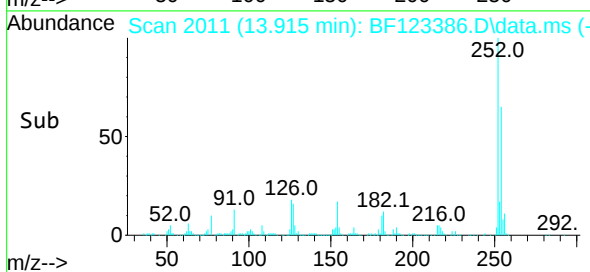
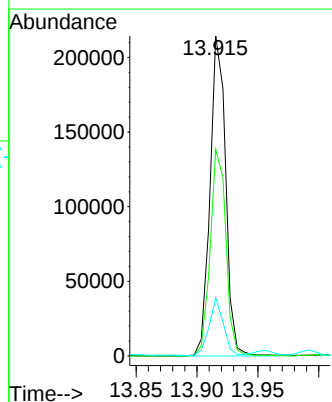
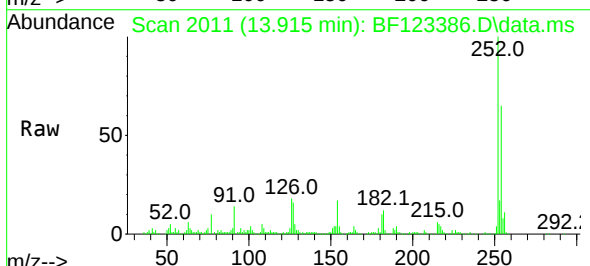
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

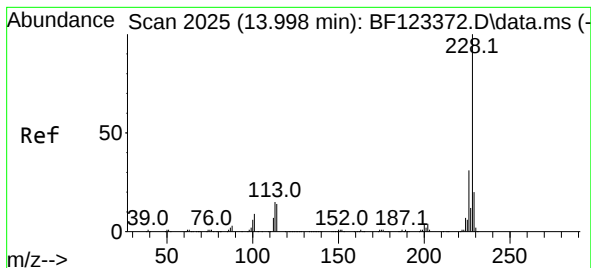
Tgt Ion:228 Resp: 841540
Ion Ratio Lower Upper
228 100
226 27.3 23.0 34.4
229 20.2 16.6 24.8



#82
3,3'-Dichlorobenzidine
Concen: 26.68 ng
RT: 13.915 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion:252 Resp: 190496
Ion Ratio Lower Upper
252 100
254 64.5 52.7 79.1
126 18.2 8.0 12.0#





#83

Chrysene

Concen: 40.16 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF123386.D

Acq: 18 Mar 2021 16:43

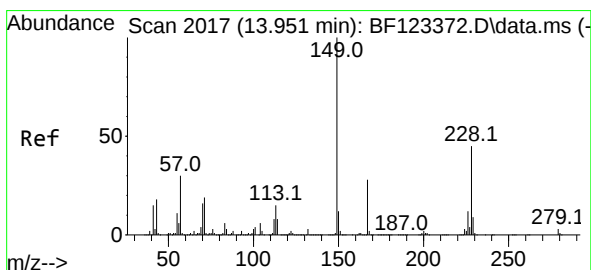
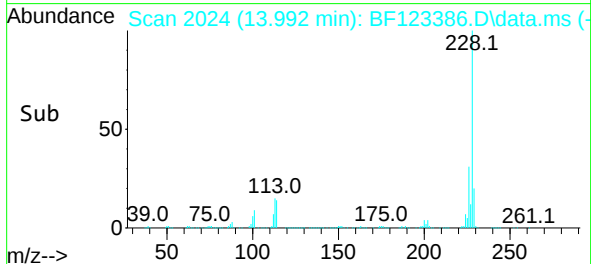
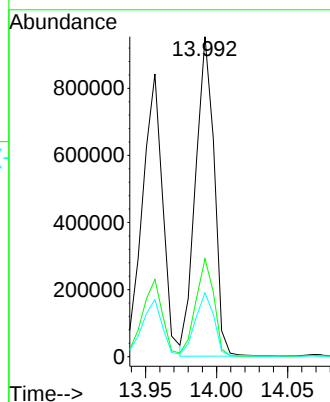
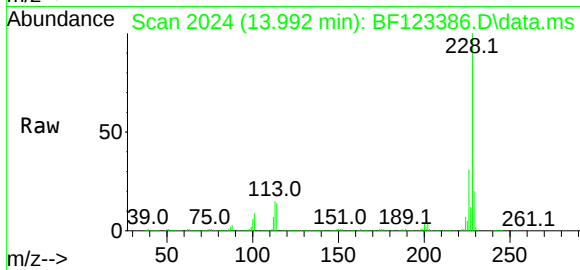
Tgt Ion:228 Resp: 866980

Ion Ratio Lower Upper

228 100

226 30.6 24.6 36.8

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.53 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF123386.D

Acq: 18 Mar 2021 16:43

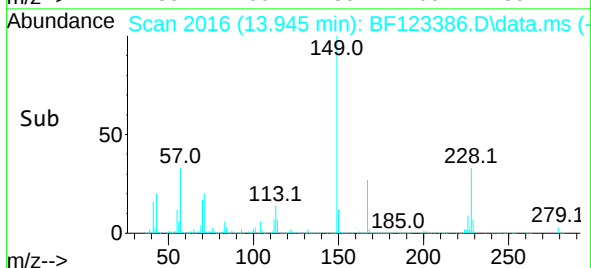
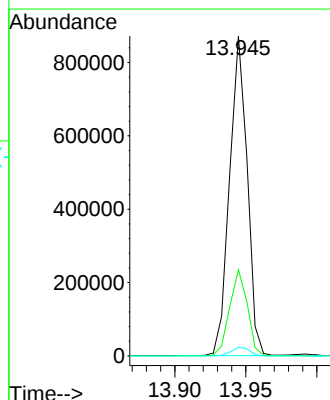
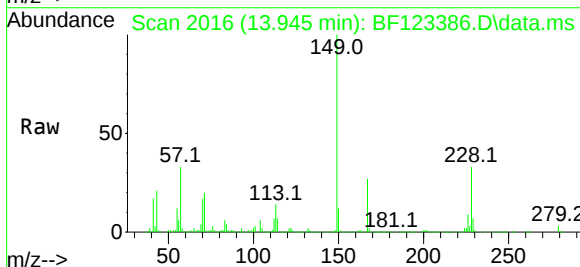
Tgt Ion:149 Resp: 752622

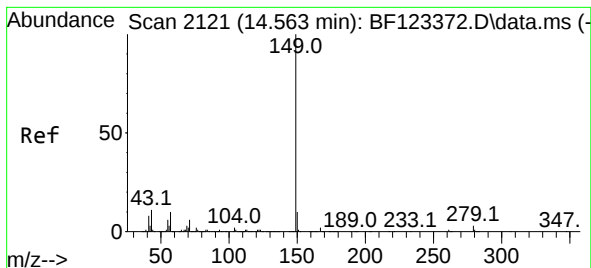
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.2

279 2.8 3.4 5.0#

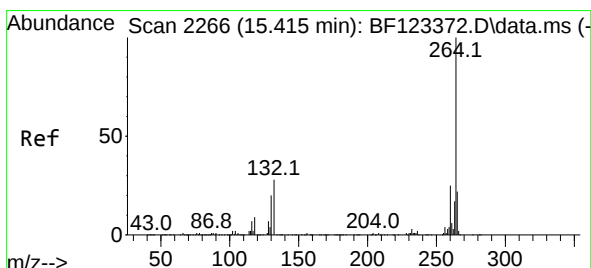
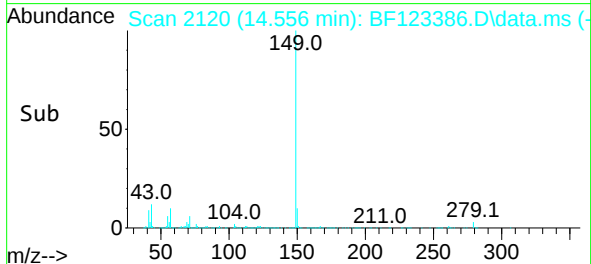
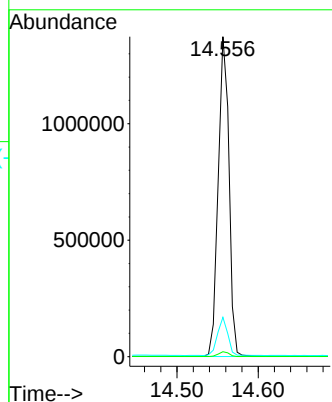
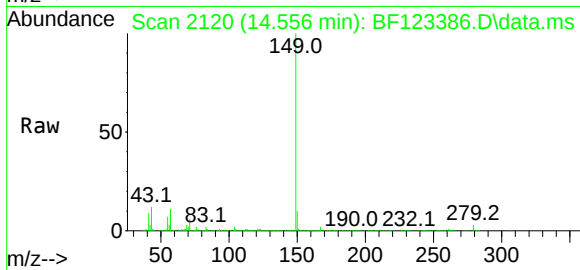




#85
Di-n-octyl phthalate
Concen: 45.17 ng
RT: 14.556 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

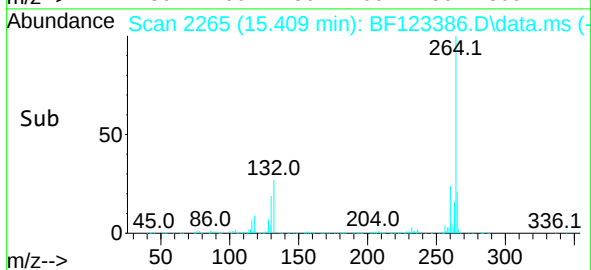
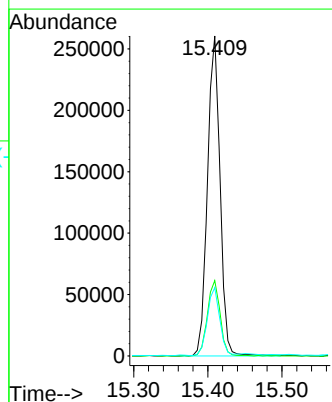
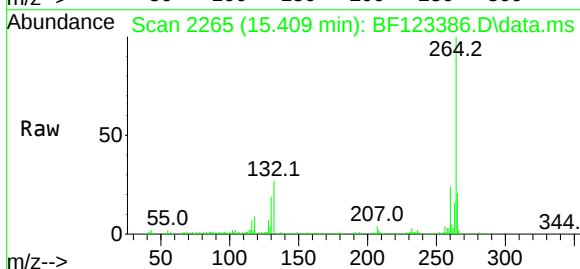
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

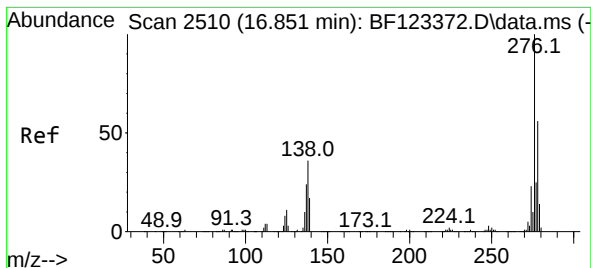
Tgt Ion:149 Resp: 1269688
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.4 7.6 11.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.409 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion:264 Resp: 308196
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.4 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.73 ng

RT: 16.845 min Scan# 2509

Delta R.T. -0.006 min

Lab File: BF123386.D

Acq: 18 Mar 2021 16:43

Tgt Ion:276 Resp: 923772

Ion Ratio Lower Upper

276 100

138 37.3 18.7 28.1#

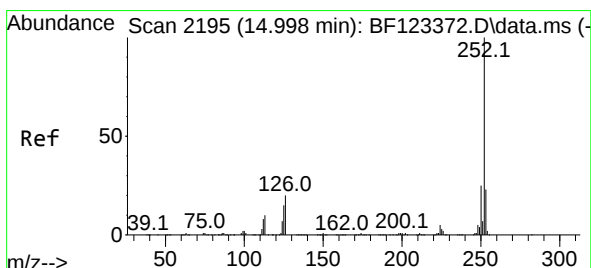
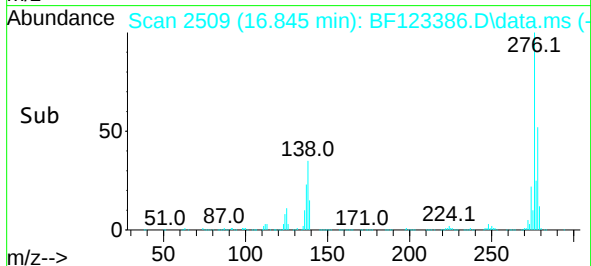
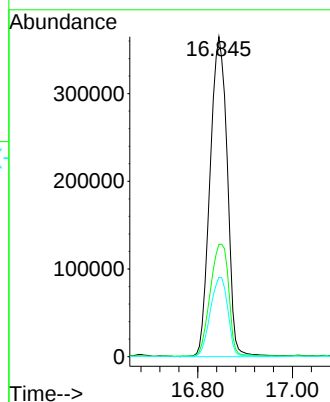
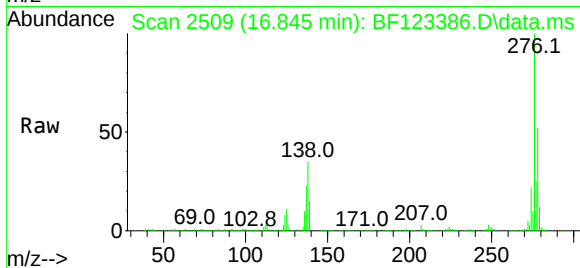
277 25.5 20.2 30.4

Instrument :

BNA_F

ClientSampleId :

SP-MANHOLEMSD



#88

Benzo(b)fluoranthene

Concen: 38.10 ng

RT: 14.998 min Scan# 2195

Delta R.T. -0.000 min

Lab File: BF123386.D

Acq: 18 Mar 2021 16:43

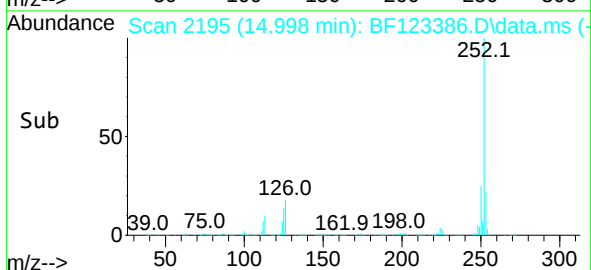
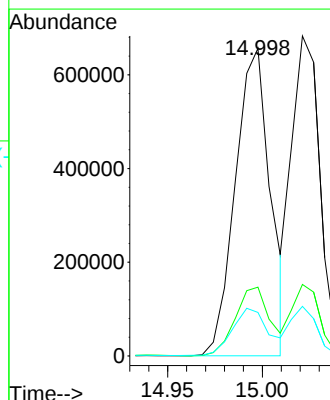
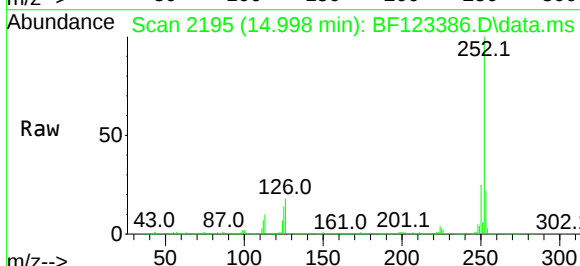
Tgt Ion:252 Resp: 843829

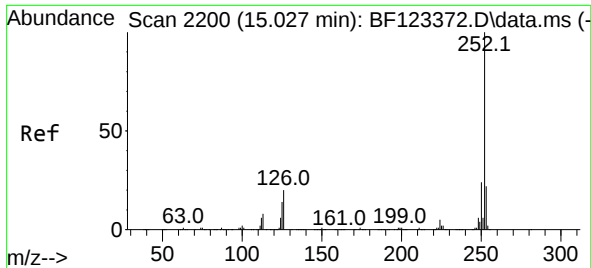
Ion Ratio Lower Upper

252 100

253 22.4 18.3 27.5

125 14.1 8.1 12.1#

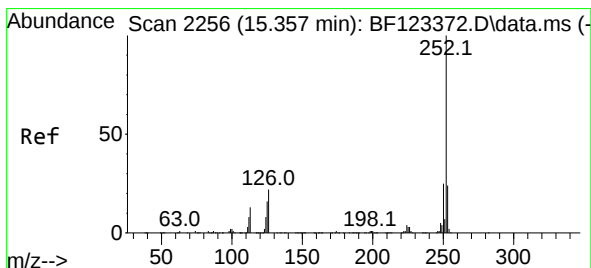
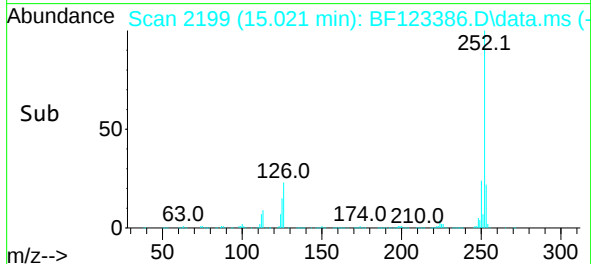
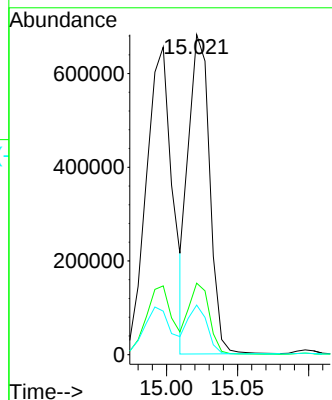
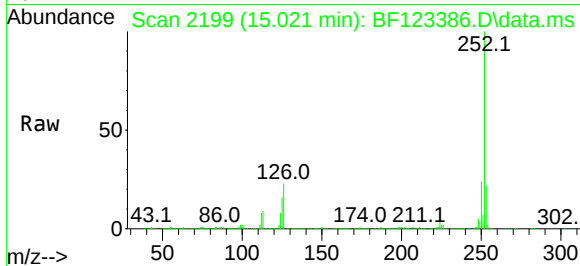




#89
Benzo(k)fluoranthene
Concen: 35.65 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

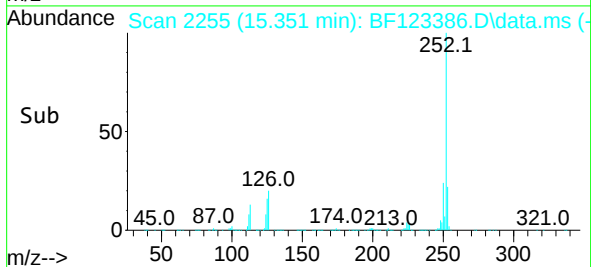
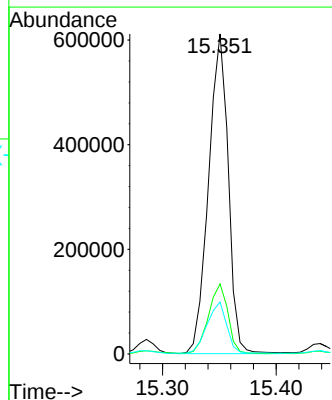
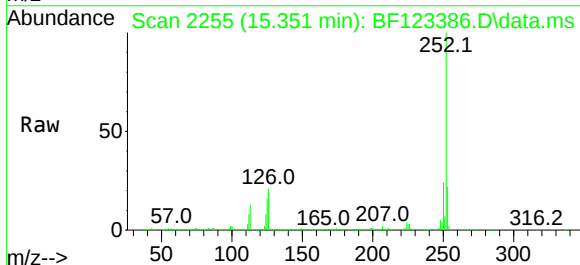
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

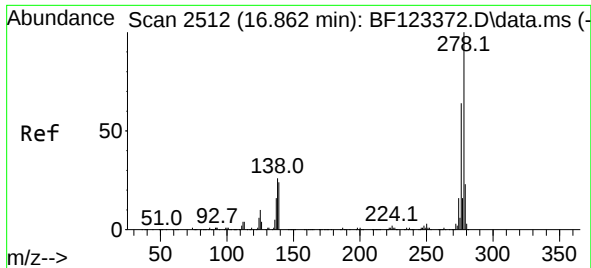
Tgt Ion:252 Resp: 707313
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 15.5 8.4 12.6#



#90
Benzo(a)pyrene
Concen: 37.59 ng
RT: 15.351 min Scan# 2255
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion:252 Resp: 734358
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 16.3 8.6 12.8#

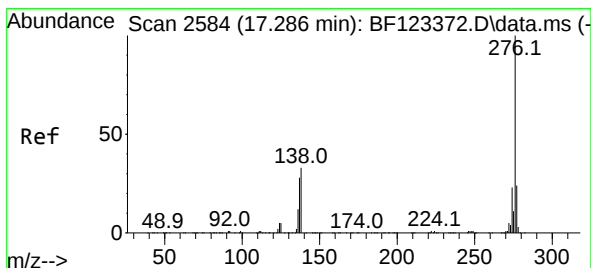
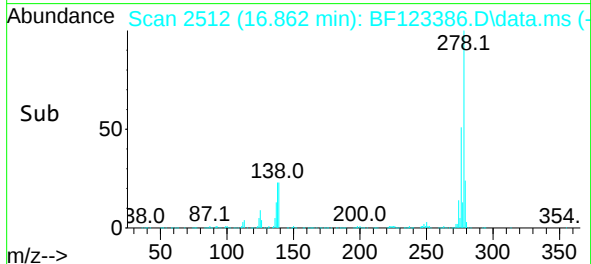
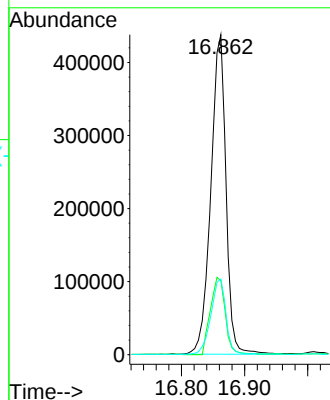
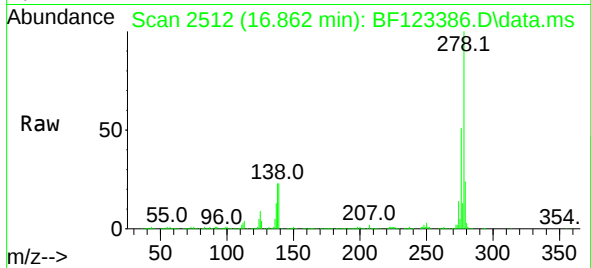




#91
Dibenzo(a,h)anthracene
Concen: 42.75 ng
RT: 16.862 min Scan# 2512
Delta R.T. -0.000 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

Tgt Ion:278 Resp: 729128
Ion Ratio Lower Upper
278 100
139 23.1 12.0 18.0#
279 23.6 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 44.71 ng
RT: 17.280 min Scan# 2583
Delta R.T. -0.006 min
Lab File: BF123386.D
Acq: 18 Mar 2021 16:43

Tgt Ion:276 Resp: 810772
Ion Ratio Lower Upper
276 100
277 23.7 19.3 28.9
138 33.5 16.6 24.8#

