

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
 Data File : BF123413.D
 Acq On : 23 Mar 2021 20:26
 Operator : JU/CG
 Sample : M1682-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-MANHOLES

Quant Time: Mar 24 00:26:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 15:58:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	263413	20.00	ng	0.00
21) Naphthalene-d8	8.204	136	998636	20.00	ng	# 0.00
39) Acenaphthene-d10	9.963	164	538101	20.00	ng	0.00
64) Phenanthrene-d10	11.457	188	818887	20.00	ng	0.00
76) Chrysene-d12	14.104	240	389263	20.00	ng	0.00
86) Perylene-d12	15.609	264	447152	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	1320598	82.02	ng	0.02
7) Phenol-d6	6.545	99	1685756	78.65	ng	0.01
23) Nitrobenzene-d5	7.481	82	1135796	61.38	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	449644	74.74	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	2030838	53.92	ng	0.00
79) Terphenyl-d14	13.045	244	1424972	62.04	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.834	88	280424	36.21	ng	# 69
3) Pyridine	3.581	79	757724	37.21	ng	# 62
4) n-Nitrosodimethylamine	3.528	42	481337	39.51	ng	# 66
6) Aniline	6.575	93	402846	15.36	ng	93
8) 2-Chlorophenol	6.704	128	742759	41.83	ng	90
9) Benzaldehyde	6.469	77	579573	Below Cal		98
10) Phenol	6.557	94	947864	43.08	ng	95
11) bis(2-Chloroethyl)ether	6.651	93	741322	42.26	ng	83
12) 1,3-Dichlorobenzene	6.857	146	764032	39.88	ng	# 96
13) 1,4-Dichlorobenzene	6.934	146	770049	40.19	ng	96
14) 1,2-Dichlorobenzene	7.087	146	749902	42.13	ng	98
15) Benzyl Alcohol	7.057	79	697043	41.53	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.192	45	1610687	40.91	ng	86
17) 2-Methylphenol	7.169	107	608563	41.69	ng	98
18) Hexachloroethane	7.434	117	302404	42.12	ng	97
19) n-Nitroso-di-n-propyla...	7.334	70	550127	39.68	ng	# 77
20) 3+4-Methylphenols	7.316	107	722329	39.72	ng	92
22) Acetophenone	7.328	105	1006237	40.14	ng	# 91
24) Nitrobenzene	7.498	77	818237	40.00	ng	94
25) Isophorone	7.739	82	1551526	39.00	ng	97
26) 2-Nitrophenol	7.816	139	376873	51.54	ng	93
27) 2,4-Dimethylphenol	7.851	122	714469	43.94	ng	99
28) bis(2-Chloroethoxy)met...	7.945	93	944196	44.04	ng	100
29) 2,4-Dichlorophenol	8.057	162	633867	39.72	ng	97
30) 1,2,4-Trichlorobenzene	8.139	180	691439	39.71	ng	99
31) Naphthalene	8.228	128	2074959	38.65	ng	100
32) Benzoic acid	7.981	122	500534	52.17	ng	95
33) 4-Chloroaniline	8.263	127	128818	5.85	ng	# 93
34) Hexachlorobutadiene	8.345	225	419897	39.54	ng	100
35) Caprolactam	8.651	113	155456	32.39	ng	# 34
36) 4-Chloro-3-methylphenol	8.751	107	654253	39.06	ng	96
37) 2-Methylnaphthalene	8.916	142	1442758	39.20	ng	100
38) 1-Methylnaphthalene	9.016	142	1336318	38.67	ng	99
40) 1,2,4,5-Tetrachloroben...	9.086	216	637697	39.83	ng	98
41) Hexachlorocyclopentadiene	9.075	237	668976	74.83	ng	99
43) 2,4,6-Trichlorophenol	9.192	196	448692	40.02	ng	98

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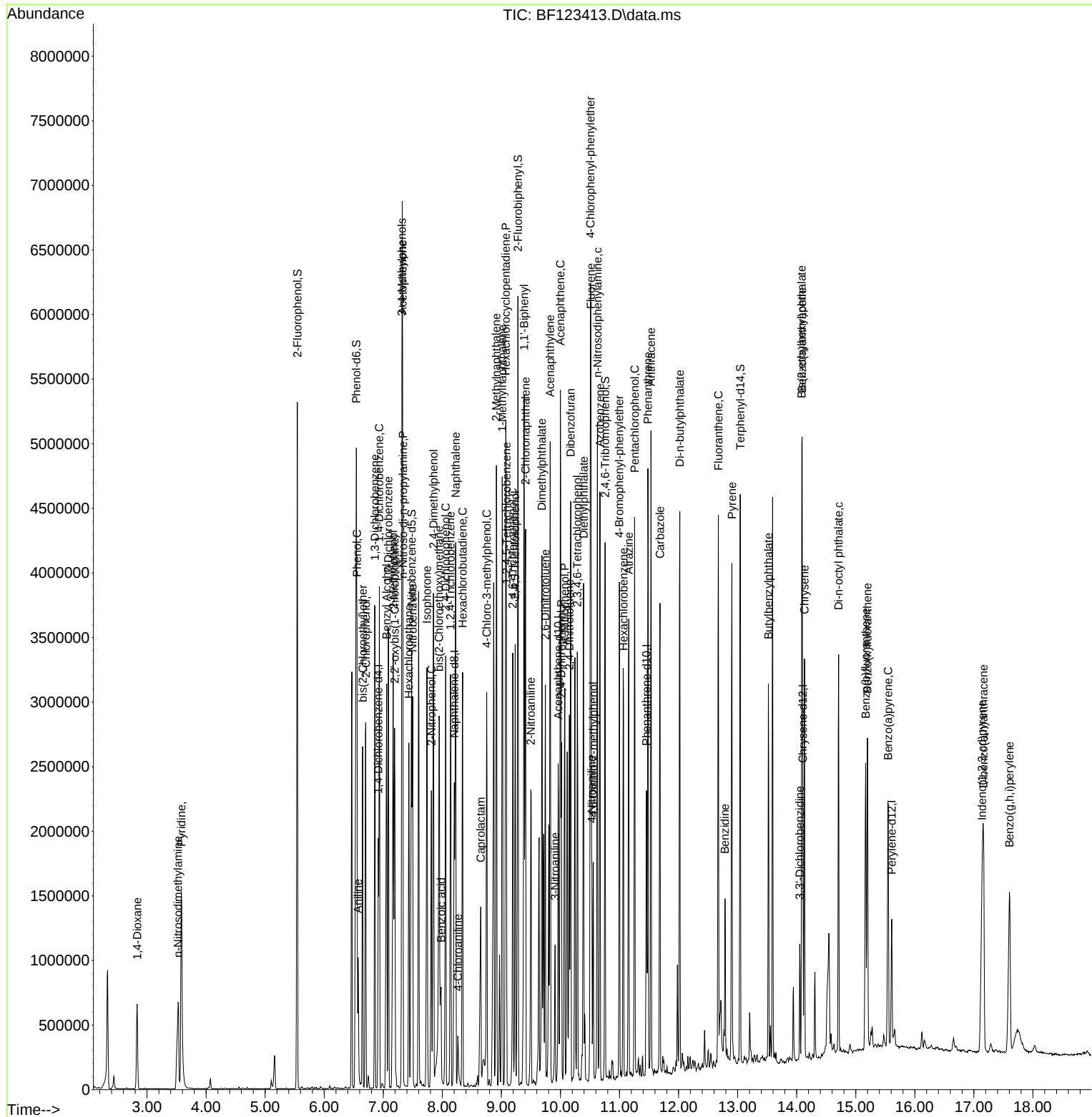
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	457162	38.80	ng	96
46) 1,1'-Biphenyl	9.386	154	1687938	40.70	ng	98
47) 2-Chloronaphthalene	9.410	162	1286029	38.01	ng	98
48) 2-Nitroaniline	9.498	65	458331	44.65	ng #	71
49) Acenaphthylene	9.828	152	2096296	39.62	ng	100
50) Dimethylphthalate	9.686	163	1579053	41.32	ng	99
51) 2,6-Dinitrotoluene	9.745	165	332141	41.60	ng #	76
52) Acenaphthene	9.998	154	1368687	41.44	ng	98
53) 3-Nitroaniline	9.910	138	143092	16.97	ng	91
54) 2,4-Dinitrophenol	10.016	184	270613	72.18	ng #	84
55) Dibenzofuran	10.175	168	1725352	36.33	ng	99
56) 4-Nitrophenol	10.075	139	459283	67.54	ng #	73
57) 2,4-Dinitrotoluene	10.151	165	437295	43.89	ng	92
58) Fluorene	10.516	166	1297689	36.20	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	365455	38.00	ng #	93
60) Diethylphthalate	10.392	149	1458555	39.09	ng	100
61) 4-Chlorophenyl-phenyle...	10.510	204	653248	37.28	ng	96
62) 4-Nitroaniline	10.533	138	271707	34.00	ng	98
63) Azobenzene	10.669	77	1469855	35.80	ng	93
65) 4,6-Dinitro-2-methylph...	10.557	198	175720	40.76	ng #	77
66) n-Nitrosodiphenylamine	10.627	169	1145311	41.74	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	422368	43.55	ng	96
68) Hexachlorobenzene	11.069	284	445511	41.68	ng	96
69) Atrazine	11.157	200	398722	45.72	ng	99
70) Pentachlorophenol	11.257	266	482101	75.59	ng	99
71) Phenanthrene	11.480	178	1811742	40.02	ng	100
72) Anthracene	11.533	178	1784539	39.19	ng	100
73) Carbazole	11.686	167	1461177	33.97	ng	99
74) Di-n-butylphthalate	12.021	149	2023299	41.32	ng	99
75) Fluoranthene	12.674	202	1646711	33.60	ng	97
77) Benzidine	12.786	184	436064	37.61	ng	98
78) Pyrene	12.904	202	1585871	47.23	ng	99
80) Butylbenzylphthalate	13.521	149	612170	49.15	ng	91
81) Benzo(a)anthracene	14.092	228	1075508	42.21	ng	99
82) 3,3'-Dichlorobenzidine	14.051	252	184475	22.26	ng	96
83) Chrysene	14.133	228	1076039	40.91	ng	98
84) Bis(2-ethylhexyl)phtha...	14.086	149	770840	47.01	ng	98
85) Di-n-octyl phthalate	14.710	149	1332872	51.43	ng #	88
87) Indeno(1,2,3-cd)pyrene	17.139	276	1395411	50.22	ng	98
88) Benzo(b)fluoranthene	15.168	252	1146327	37.16	ng	97
89) Benzo(k)fluoranthene	15.198	252	1073646	36.82	ng	98
90) Benzo(a)pyrene	15.551	252	1056039	39.66	ng	98
91) Dibenzo(a,h)anthracene	17.162	278	1133529	48.05	ng	99
92) Benzo(g,h,i)perylene	17.603	276	1163281	49.26	ng	98

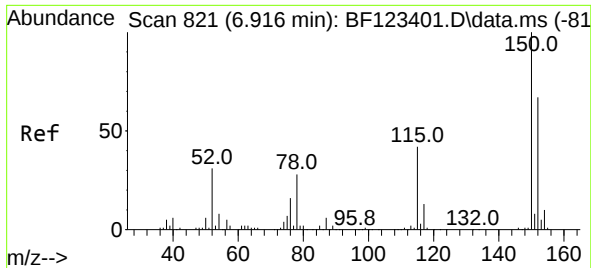
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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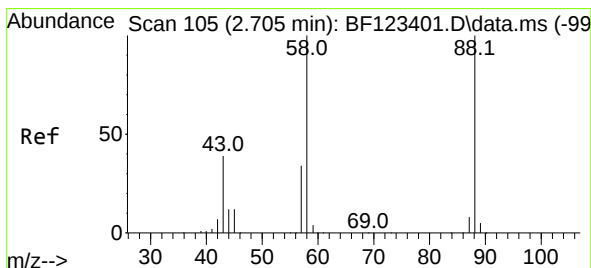
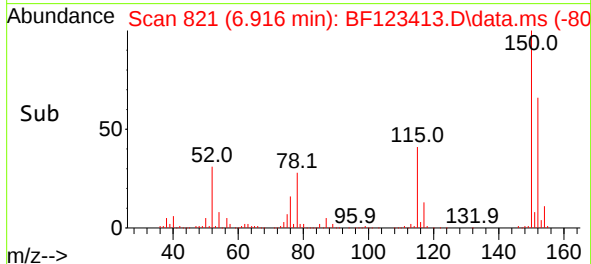
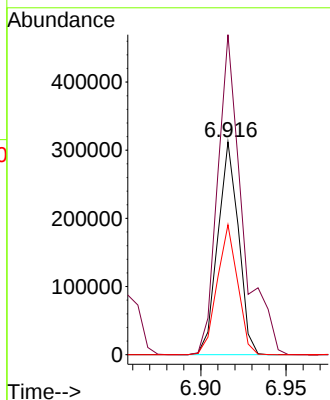
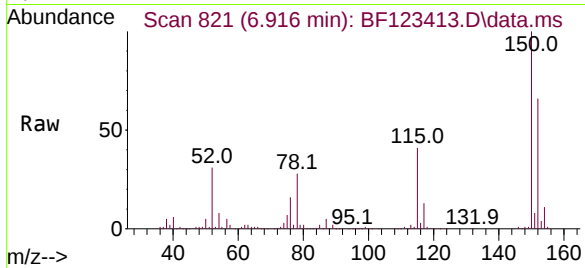




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.916 min Scan# 821
 Delta R.T. -0.000 min
 Lab File: BF123413.D
 Acq: 23 Mar 2021 20:26

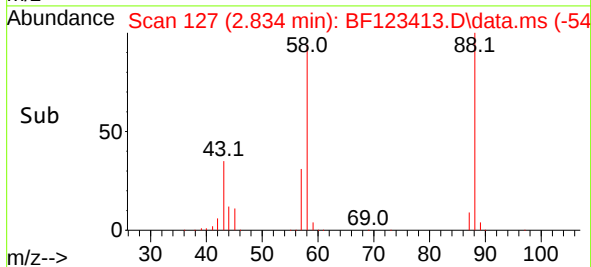
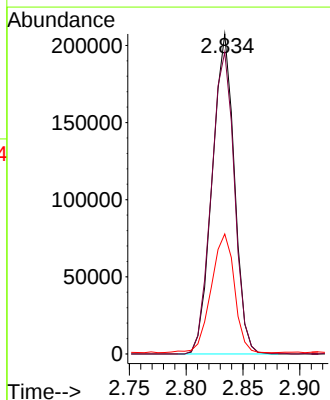
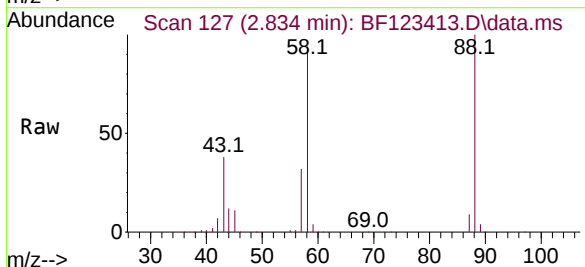
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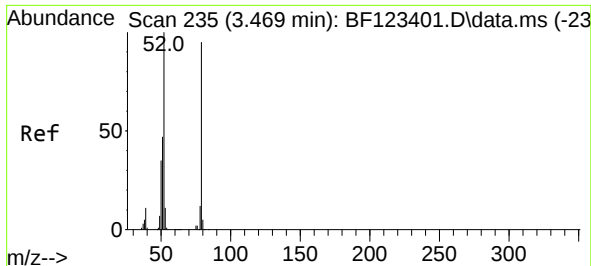
Tgt Ion:152 Resp: 263413
 Ion Ratio Lower Upper
 152 100
 150 150.4 125.8 188.6
 115 61.0 49.3 73.9



#2
 1,4-Dioxane
 Concen: 36.21 ng
 RT: 2.834 min Scan# 127
 Delta R.T. 0.129 min
 Lab File: BF123413.D
 Acq: 23 Mar 2021 20:26

Tgt Ion: 88 Resp: 280424
 Ion Ratio Lower Upper
 88 100
 58 98.5 56.2 84.2#
 43 39.0 21.8 32.6#

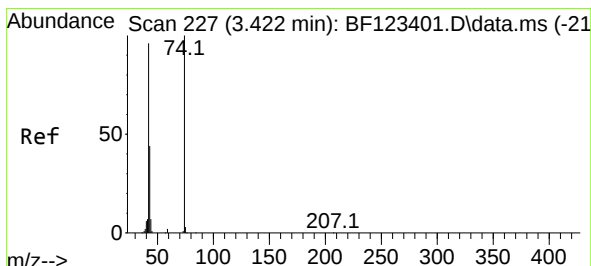
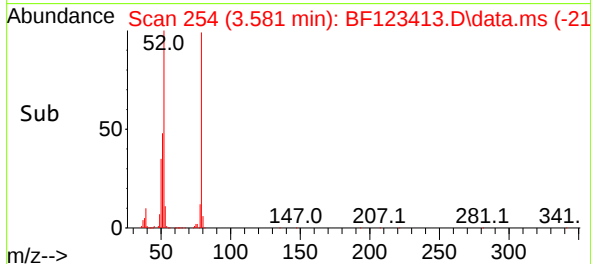
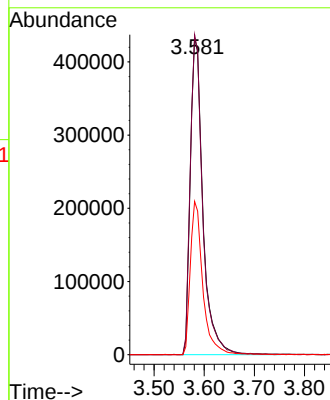
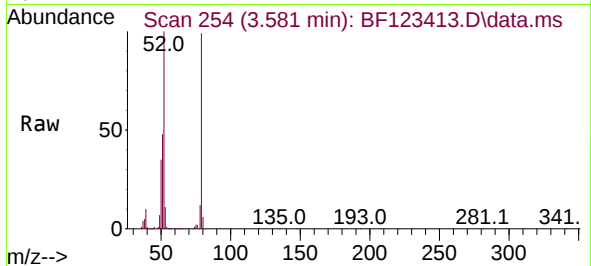




#3
Pyridine
Concen: 37.21 ng
RT: 3.581 min Scan# 254
Delta R.T. 0.112 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

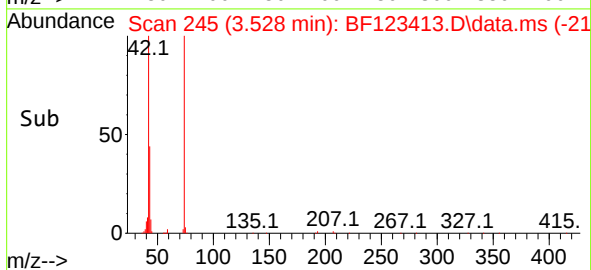
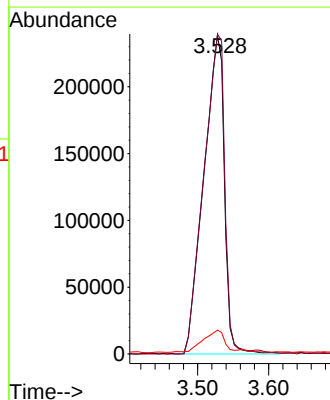
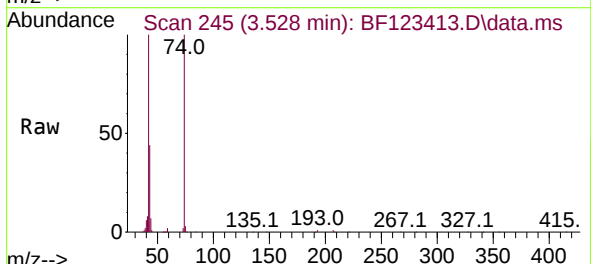
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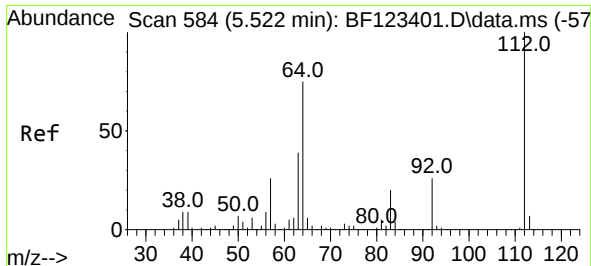
Tgt Ion: 79 Resp: 757724
Ion Ratio Lower Upper
79 100
52 100.9 53.0 79.4#
51 48.4 26.6 39.8#



#4
n-Nitrosodimethylamine
Concen: 39.51 ng
RT: 3.528 min Scan# 245
Delta R.T. 0.106 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion: 42 Resp: 481337
Ion Ratio Lower Upper
42 100
74 100.4 115.2 172.8#
44 7.5 5.4 8.0

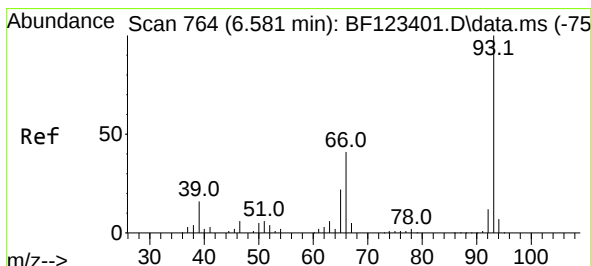
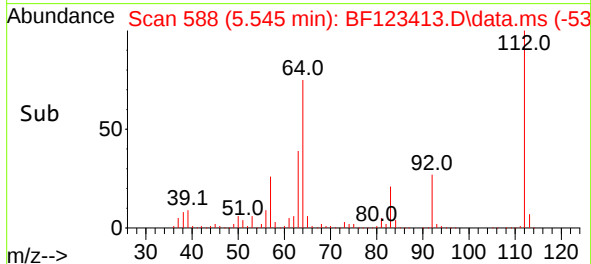
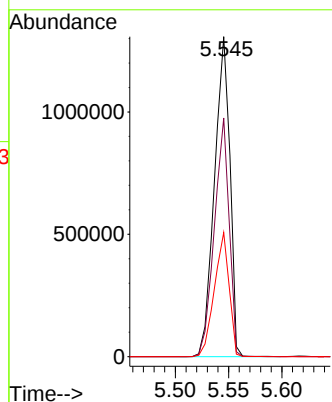
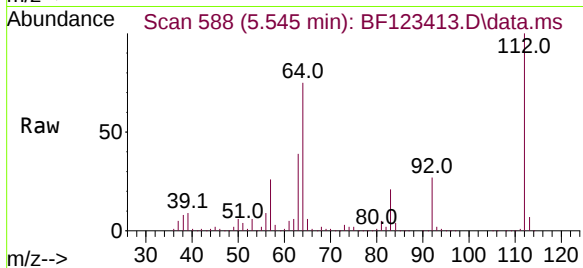




#5
2-Fluorophenol
Concen: 82.02 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.023 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

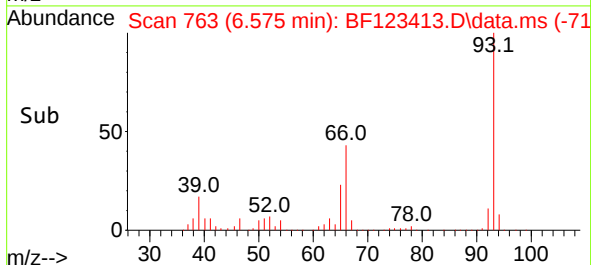
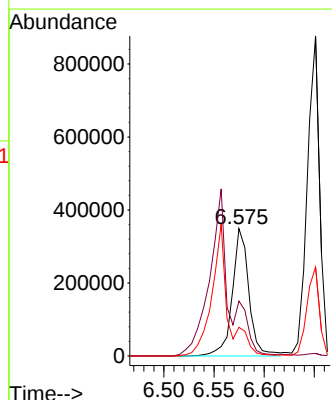
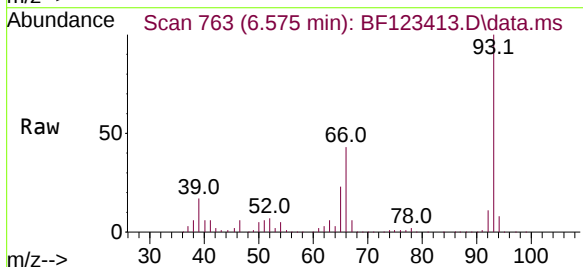
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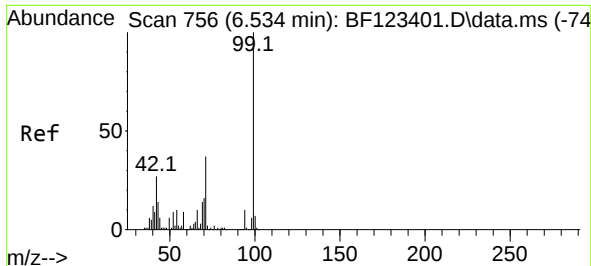
Tgt Ion:112 Resp: 1320598
Ion Ratio Lower Upper
112 100
64 74.6 46.9 70.3#
63 38.8 24.5 36.7#



#6
Aniline
Concen: 15.36 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion: 93 Resp: 402846
Ion Ratio Lower Upper
93 100
66 43.1 31.3 46.9
65 22.5 15.6 23.4

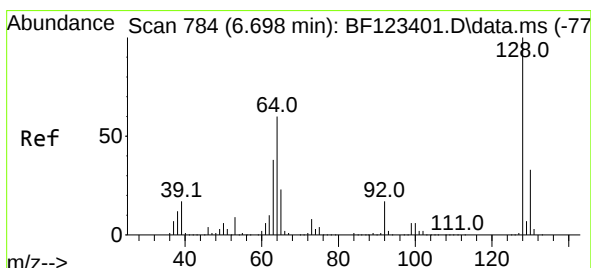
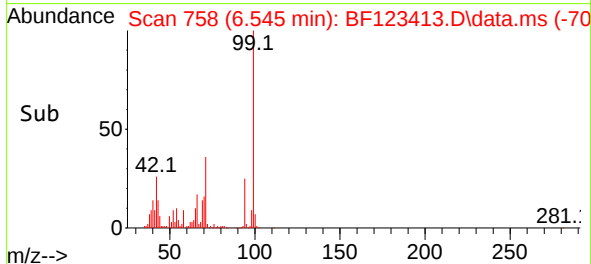
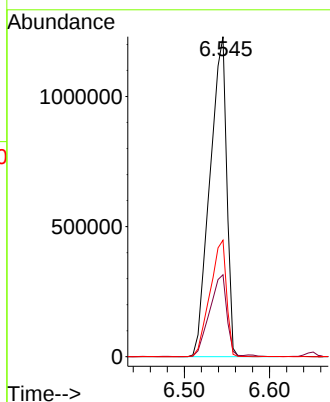
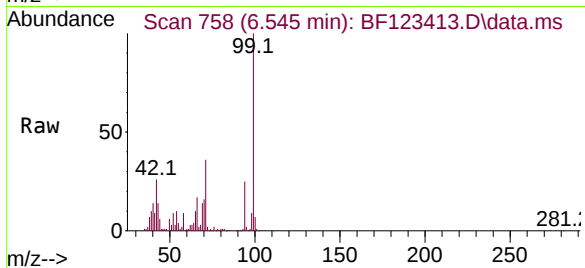




#7
Phenol-d6
Concen: 78.65 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.012 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

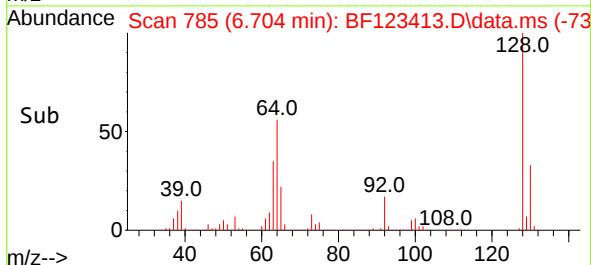
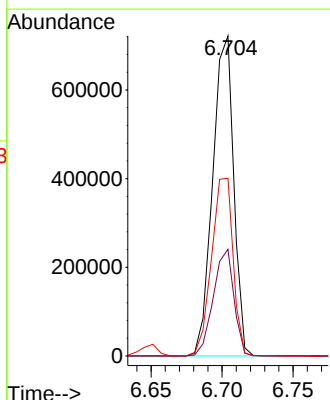
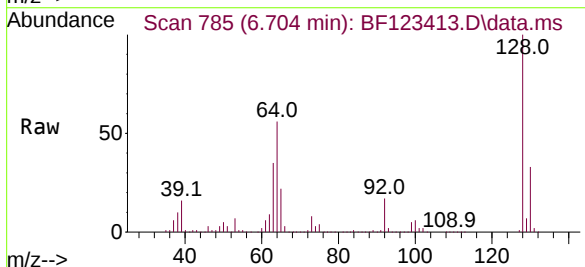
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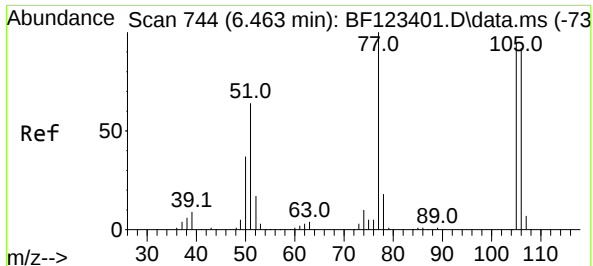
Tgt Ion: 99 Resp: 1685756
Ion Ratio Lower Upper
99 100
42 25.6 13.8 20.6#
71 36.4 26.9 40.3



#8
2-Chlorophenol
Concen: 41.83 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.006 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:128 Resp: 742759
Ion Ratio Lower Upper
128 100
130 33.3 12.3 52.3
64 55.6 25.5 65.5

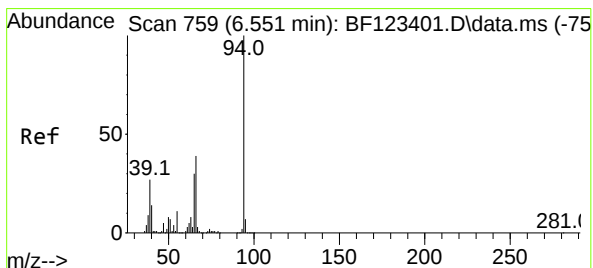
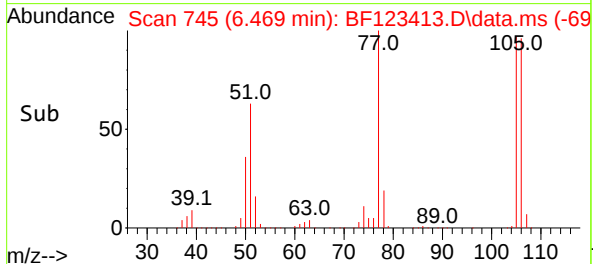
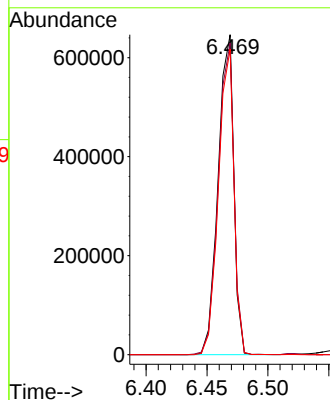
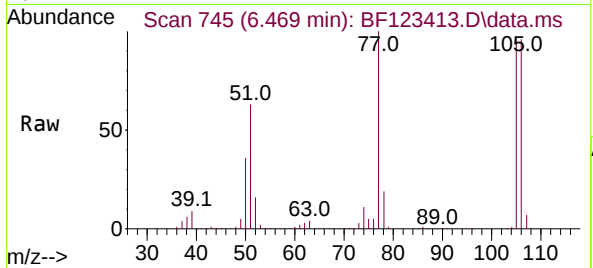




#9
Benzaldehyde
Concen: Below Cal
RT: 6.469 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

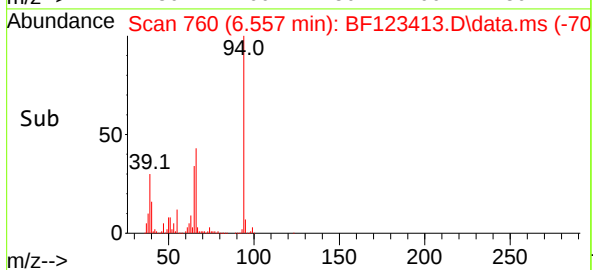
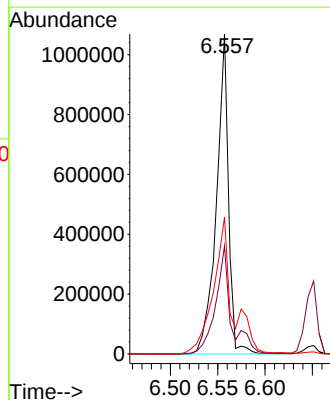
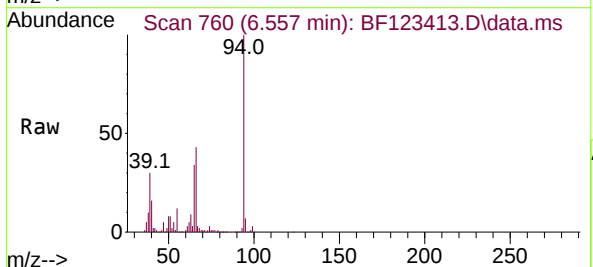
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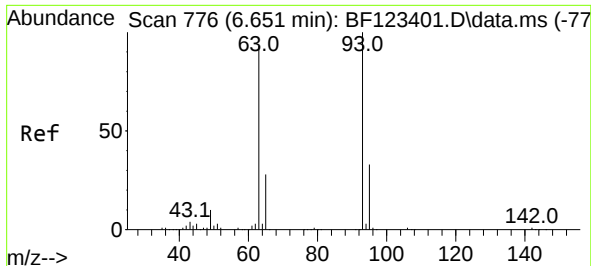
Tgt Ion: 77 Resp: 579573
Ion Ratio Lower Upper
77 100
105 97.4 80.6 120.6
106 95.5 77.2 117.2



#10
Phenol
Concen: 43.08 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion: 94 Resp: 947864
Ion Ratio Lower Upper
94 100
65 33.7 11.2 51.2
66 42.8 25.8 65.8

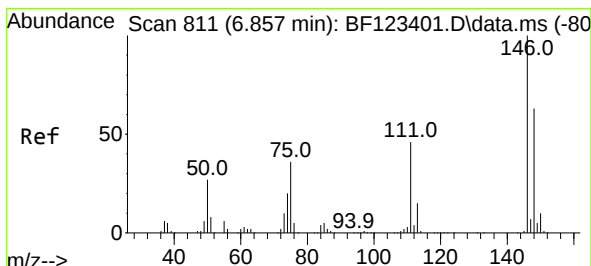
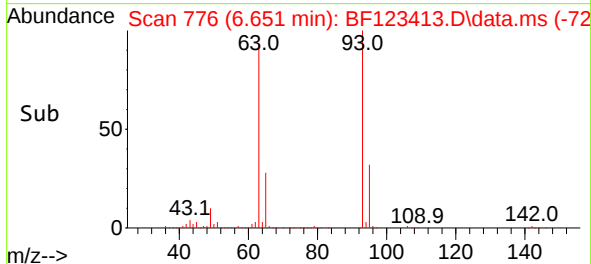
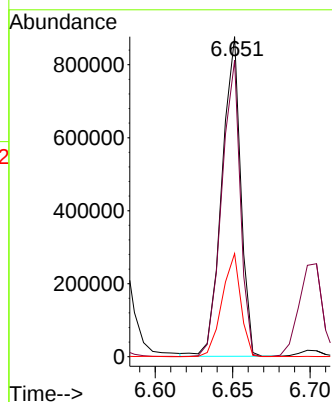
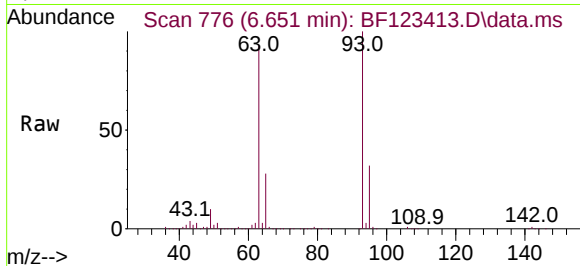




#11
bis(2-Chloroethyl)ether
Concen: 42.26 ng
RT: 6.651 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

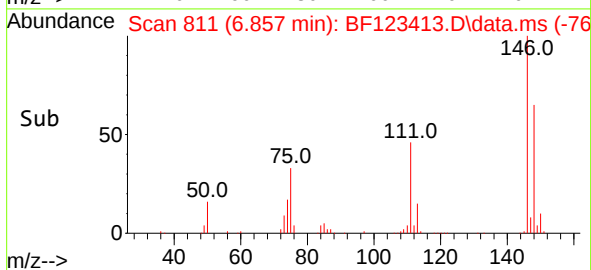
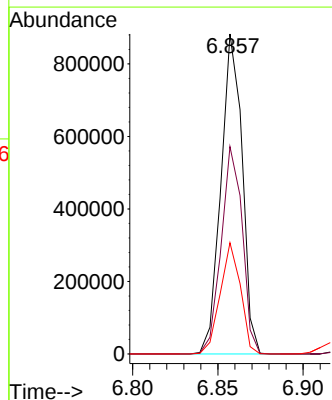
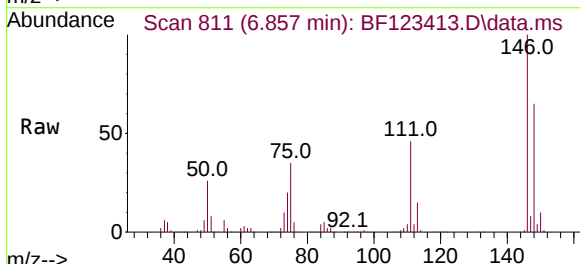
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

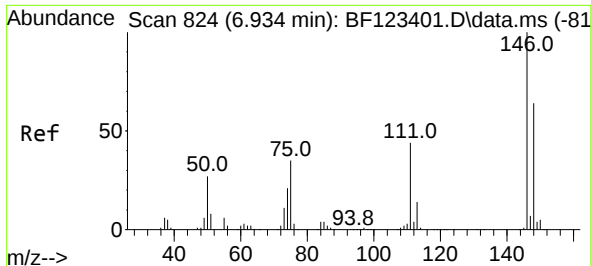
Tgt Ion:	93	Resp:	741322
Ion	Ratio	Lower	Upper
93	100		
63	92.6	52.6	92.6
95	32.2	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 39.88 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:	146	Resp:	764032
Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	34.7	22.5	33.7#

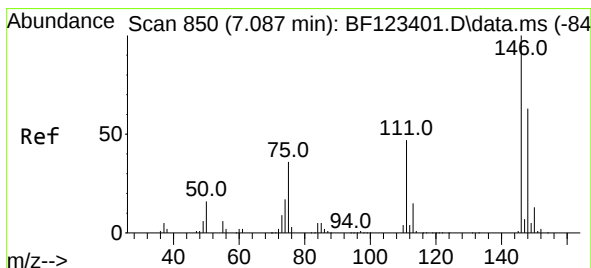
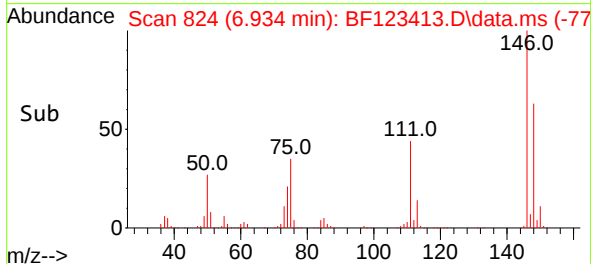
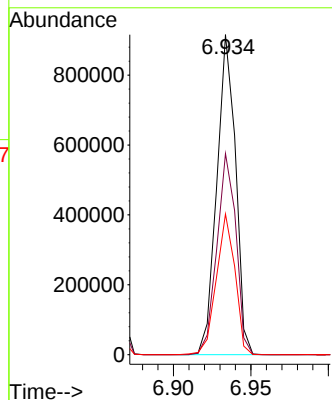
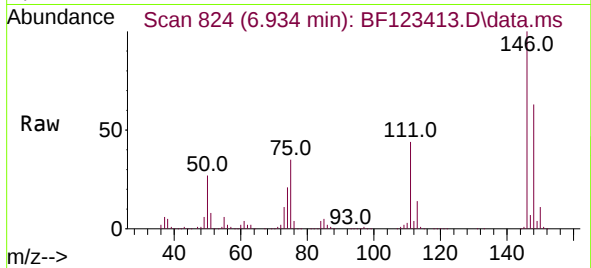




#13
1,4-Dichlorobenzene
Concen: 40.19 ng
RT: 6.934 min Scan# 824
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

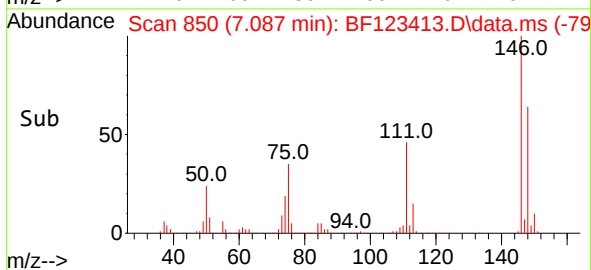
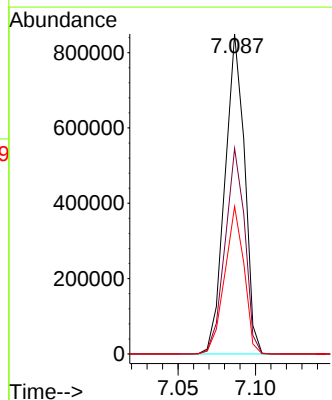
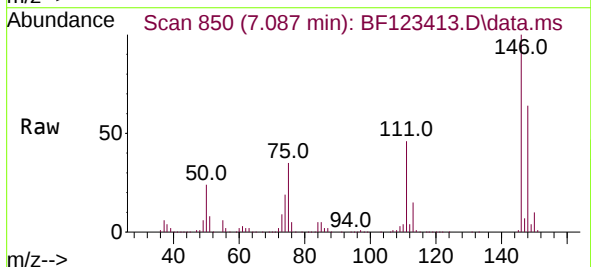
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

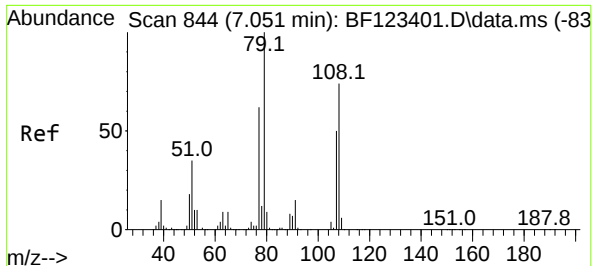
Tgt Ion:146 Resp: 770049
Ion Ratio Lower Upper
146 100
148 62.9 52.0 78.0
111 44.0 32.3 48.5



#14
1,2-Dichlorobenzene
Concen: 42.13 ng
RT: 7.087 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:146 Resp: 749902
Ion Ratio Lower Upper
146 100
148 64.3 51.5 77.3
111 46.1 34.2 51.2





#15

Benzyl Alcohol

Concen: 41.53 ng

RT: 7.057 min Scan# 845

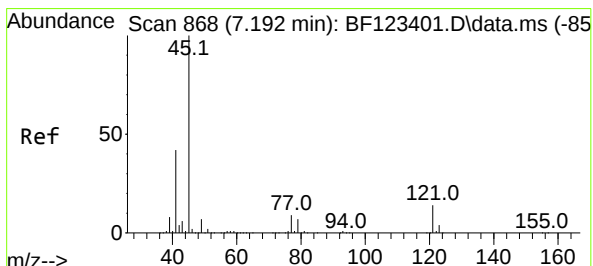
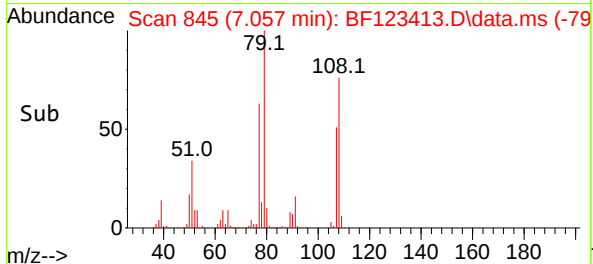
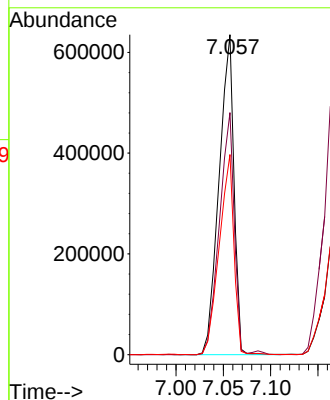
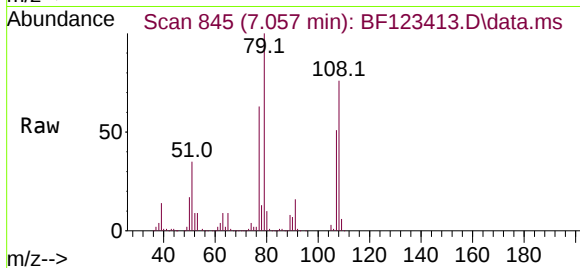
Delta R.T. 0.006 min

Lab File: BF123413.D

Acq: 23 Mar 2021 20:26

Tgt Ion: 79 Resp: 697043

Ion	Ratio	Lower	Upper
79	100		
108	75.6	62.4	93.6
77	62.6	49.0	73.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.91 ng

RT: 7.192 min Scan# 868

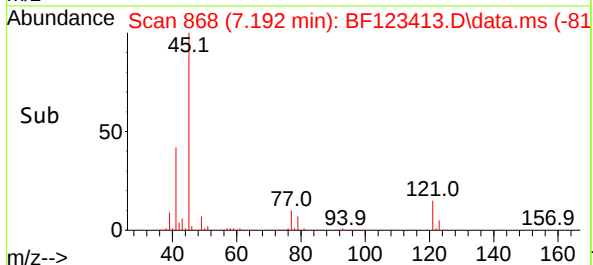
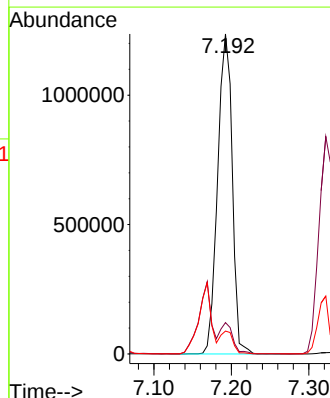
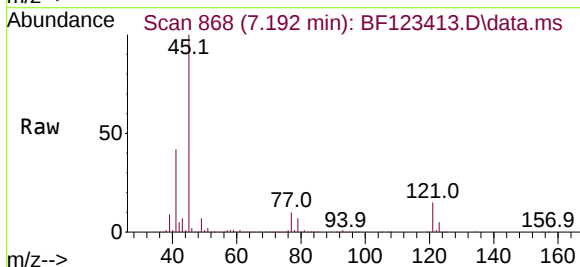
Delta R.T. -0.000 min

Lab File: BF123413.D

Acq: 23 Mar 2021 20:26

Tgt Ion: 45 Resp: 1610687

Ion	Ratio	Lower	Upper
45	100		
77	9.8	0.0	35.6
79	7.2	0.0	32.4

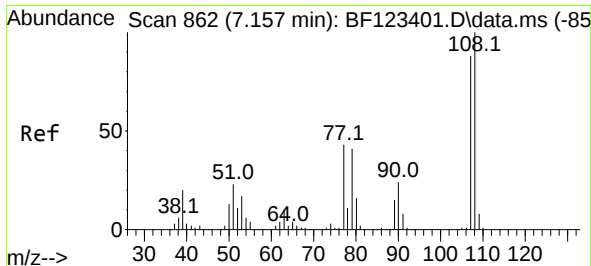


Instrument :

BNA_F

ClientSampleId :

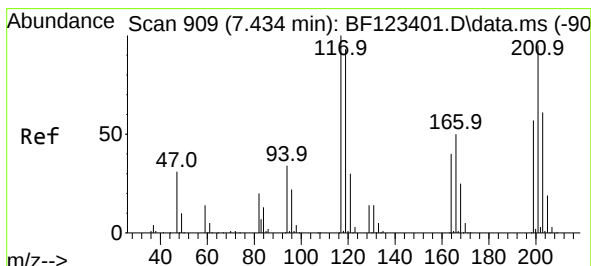
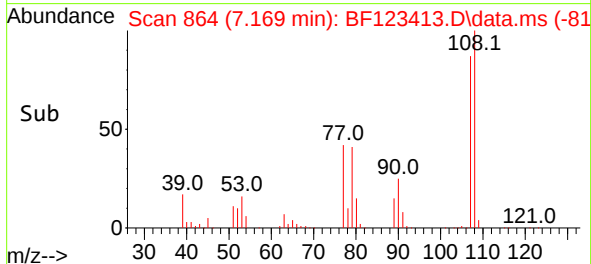
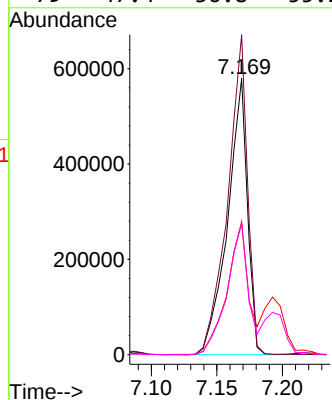
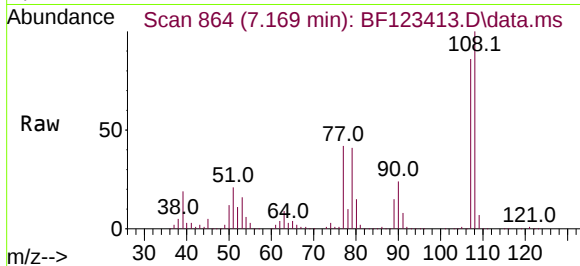
SP-MANHOLES



#17
2-Methylphenol
Concen: 41.69 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.012 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

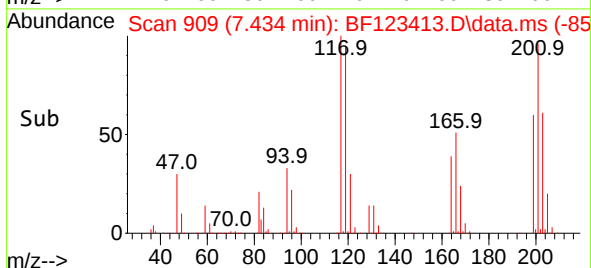
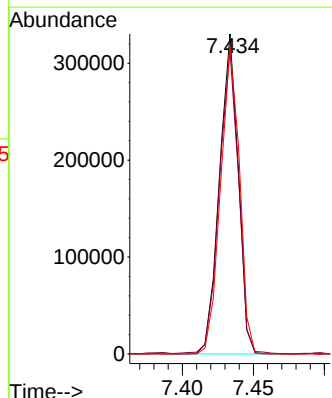
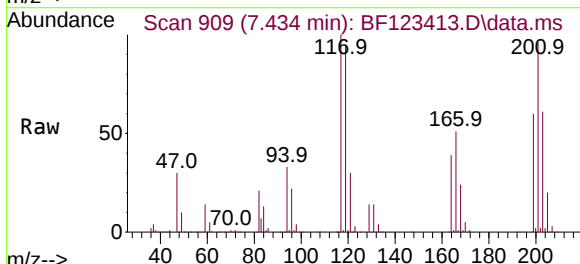
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

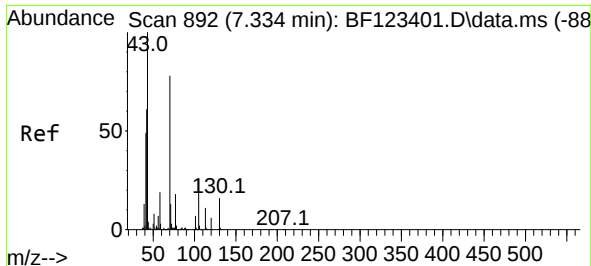
Tgt Ion:107 Resp: 608563
Ion Ratio Lower Upper
107 100
108 115.9 91.1 136.7
77 48.2 36.3 54.5
79 47.4 36.8 55.2



#18
Hexachloroethane
Concen: 42.12 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:117 Resp: 302404
Ion Ratio Lower Upper
117 100
119 95.1 78.4 117.6
201 96.1 79.6 119.4

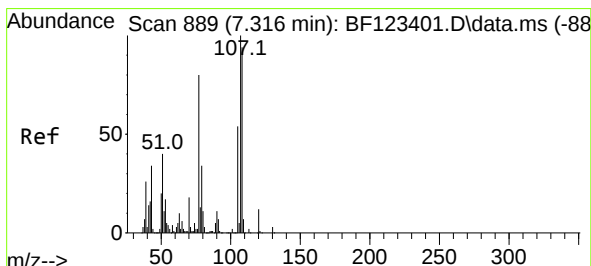
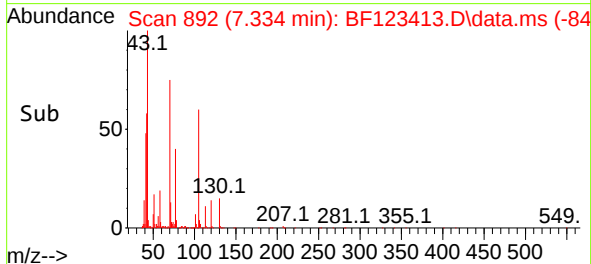
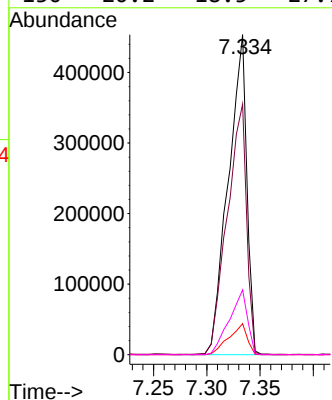
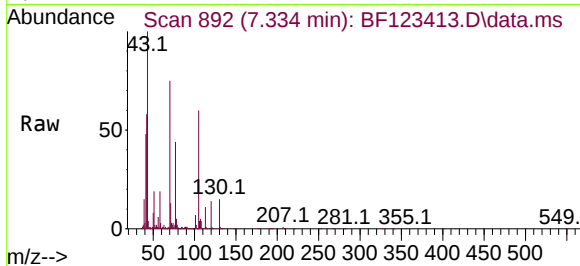




#19
n-Nitroso-di-n-propylamine
Concen: 39.68 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

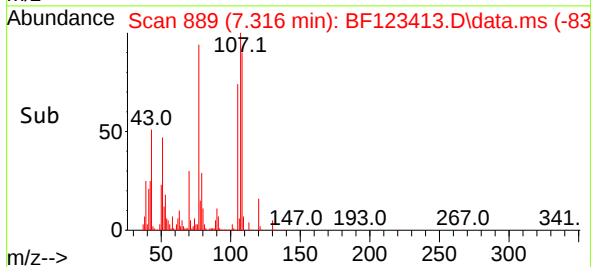
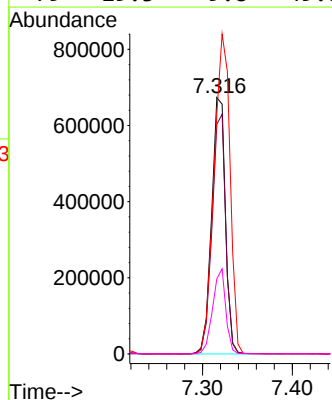
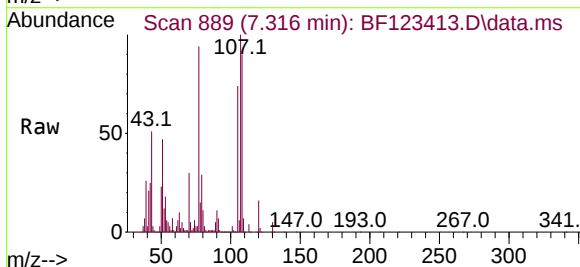
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMS

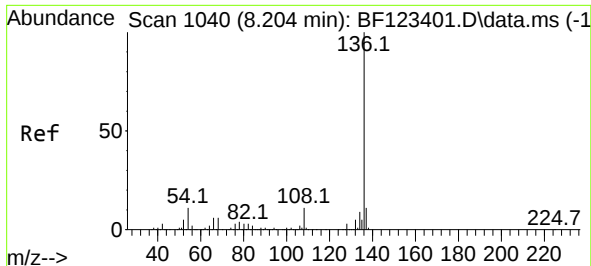
Tgt Ion: 70 Resp: 550127
Ion Ratio Lower Upper
70 100
42 78.3 43.0 64.4#
101 9.7 7.9 11.9
130 20.2 18.5 27.7



#20
3+4-Methylphenols
Concen: 39.72 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion: 107 Resp: 722329
Ion Ratio Lower Upper
107 100
108 89.6 68.7 108.7
77 93.7 89.8 129.8
79 29.3 9.8 49.8

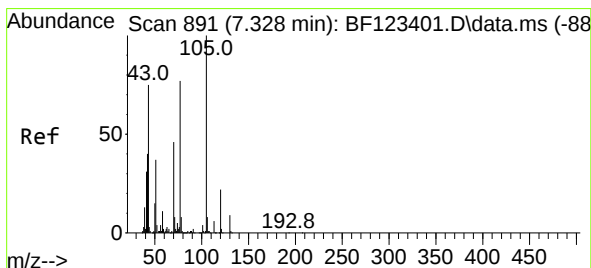
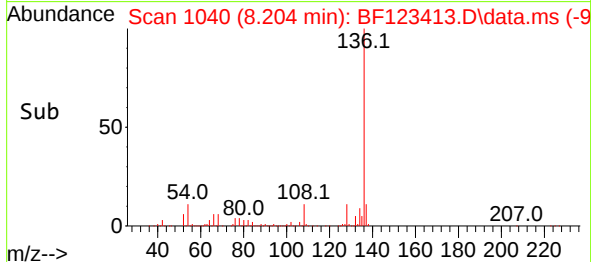
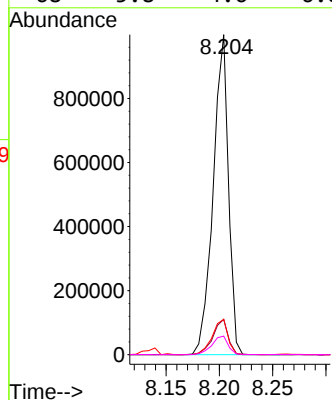
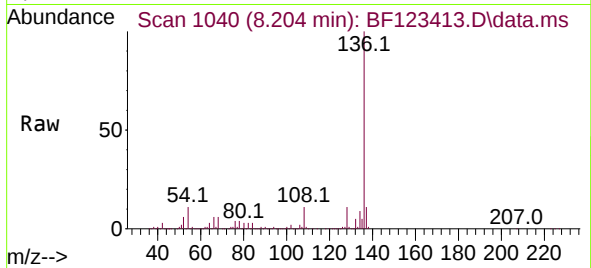




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

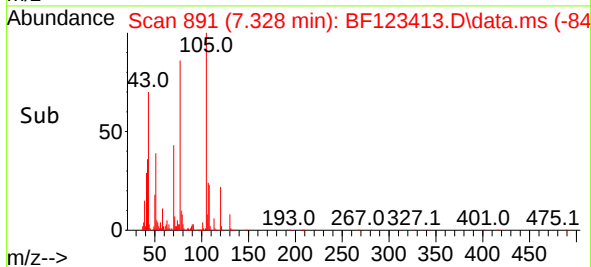
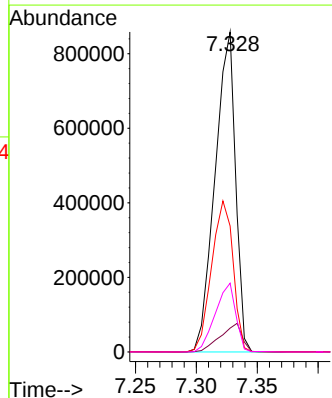
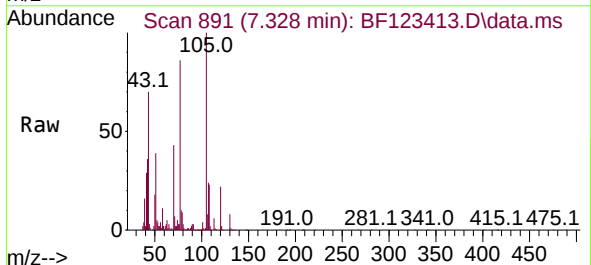
Instrument :
BNA_F
ClientSampleId :
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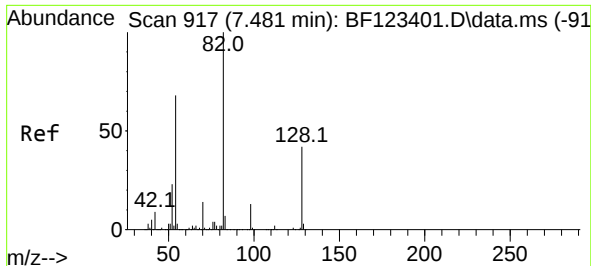
Tgt Ion:	136	Resp:	998636
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	11.0	5.5	8.3#
68	5.8	4.6	6.8



#22
Acetophenone
Concen: 40.14 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:	105	Resp:	1006237
Ion Ratio	Lower	Upper	
105	100		
71	7.5	6.5	9.7
51	39.4	24.3	36.5#
120	21.5	18.1	27.1

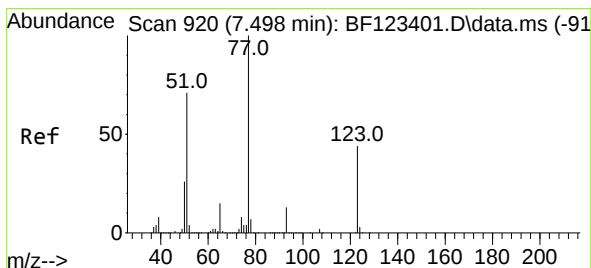
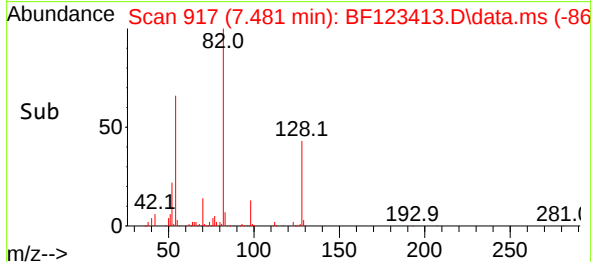
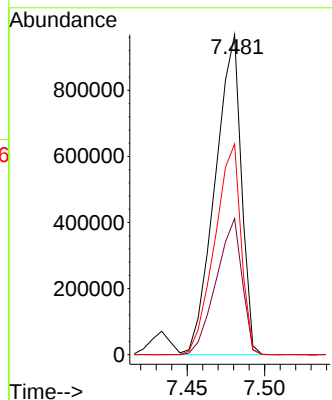
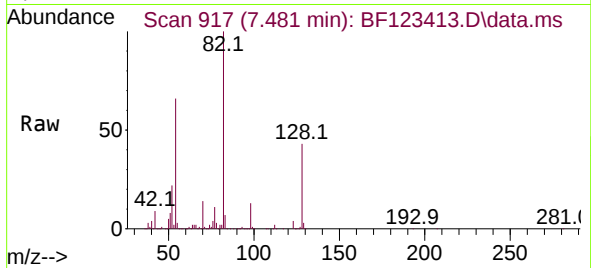




#23
Nitrobenzene-d5
Concen: 61.38 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

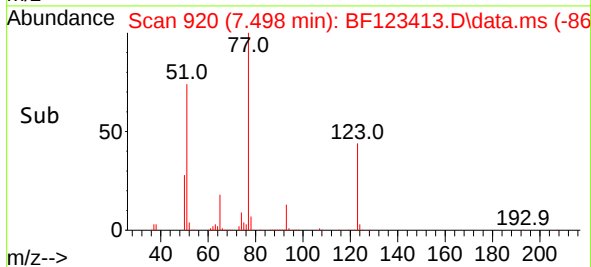
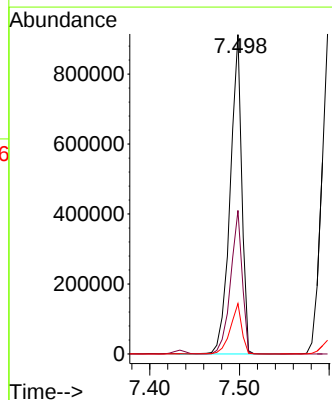
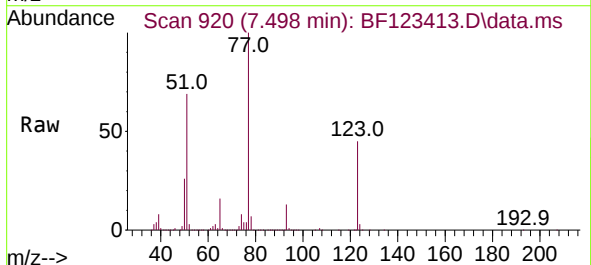
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

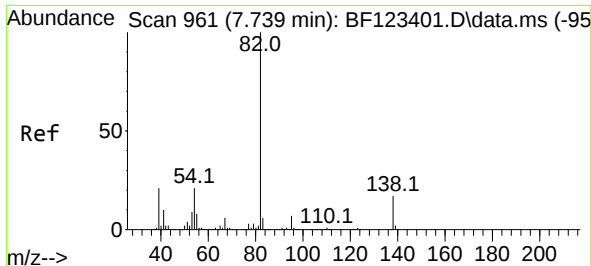
Tgt Ion: 82 Resp: 1135796
Ion Ratio Lower Upper
82 100
128 42.6 37.0 55.4
54 65.8 38.4 57.6#



#24
Nitrobenzene
Concen: 40.00 ng
RT: 7.498 min Scan# 920
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion: 77 Resp: 818237
Ion Ratio Lower Upper
77 100
123 44.9 39.3 58.9
65 15.8 10.6 15.8

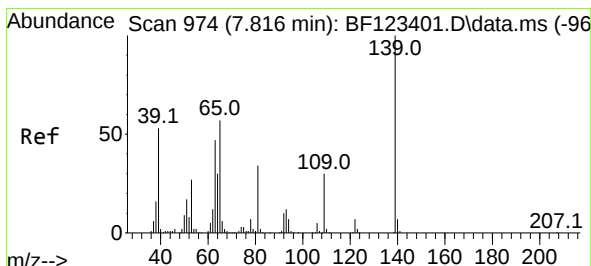
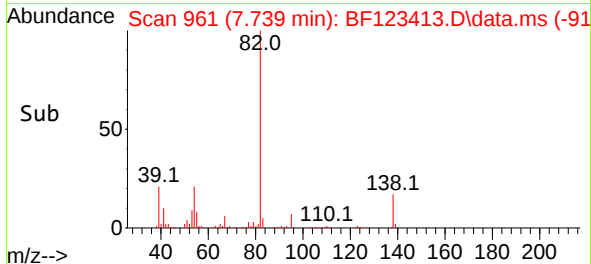
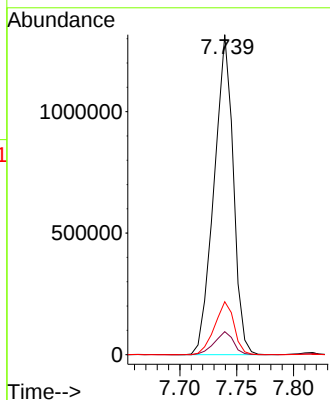
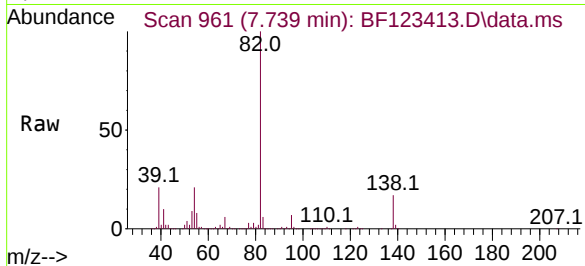




#25
Isophorone
Concen: 39.00 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

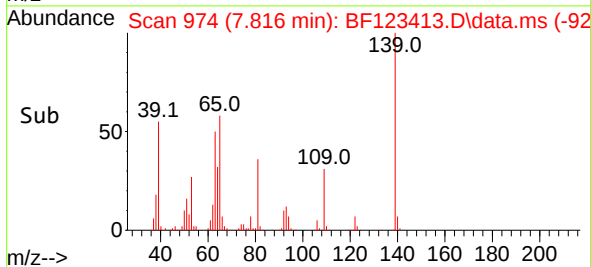
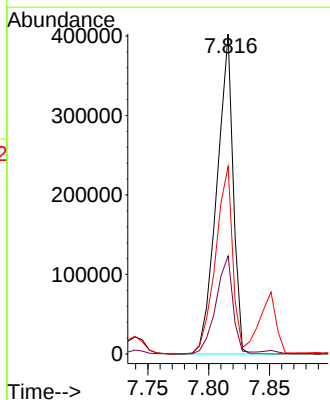
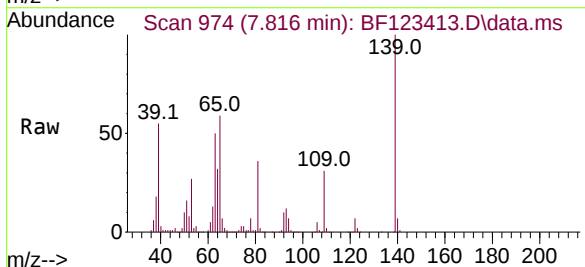
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

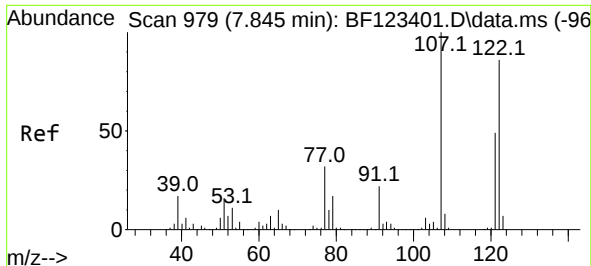
Tgt Ion: 82 Resp: 1551526
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 16.6 14.6 21.8



#26
2-Nitrophenol
Concen: 51.54 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:139 Resp: 376873
Ion Ratio Lower Upper
139 100
109 30.6 24.0 36.0
65 58.6 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 43.94 ng

RT: 7.851 min Scan# 980

Delta R.T. 0.006 min

Lab File: BF123413.D

Acq: 23 Mar 2021 20:26

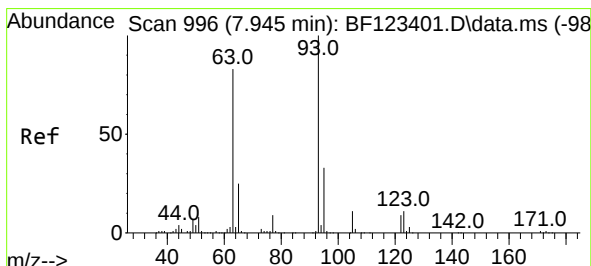
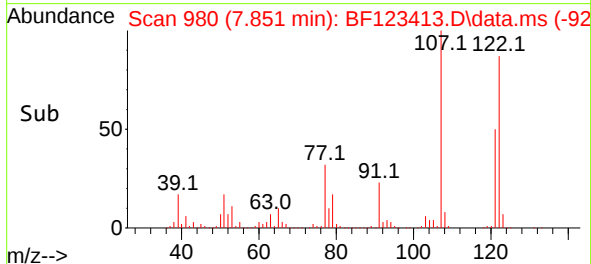
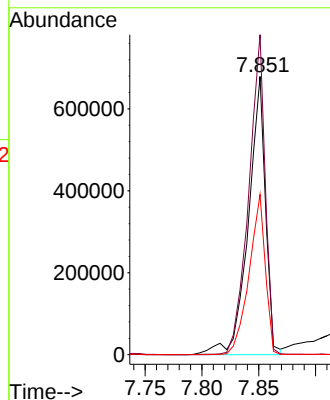
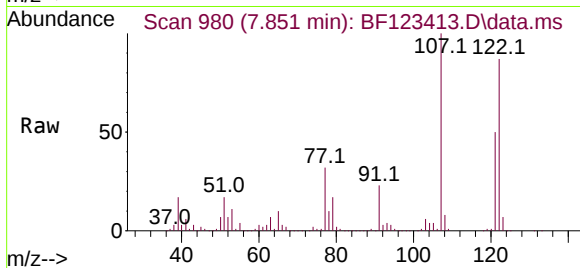
Tgt Ion:122 Resp: 714469

Ion Ratio Lower Upper

122 100

107 115.0 91.8 137.8

121 57.5 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 44.04 ng

RT: 7.945 min Scan# 996

Delta R.T. -0.000 min

Lab File: BF123413.D

Acq: 23 Mar 2021 20:26

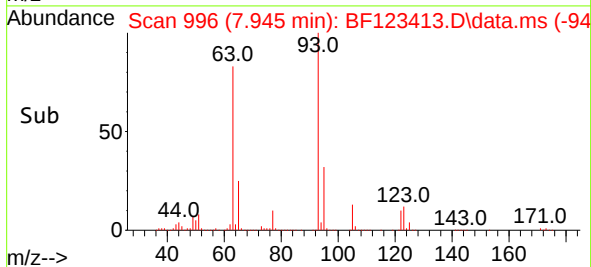
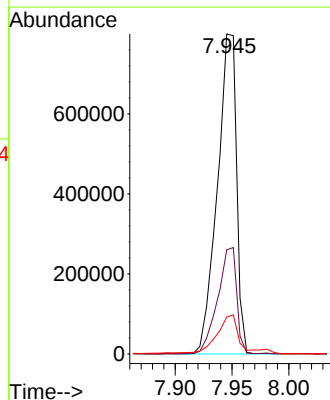
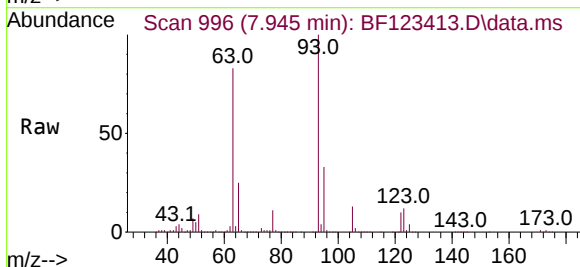
Tgt Ion: 93 Resp: 944196

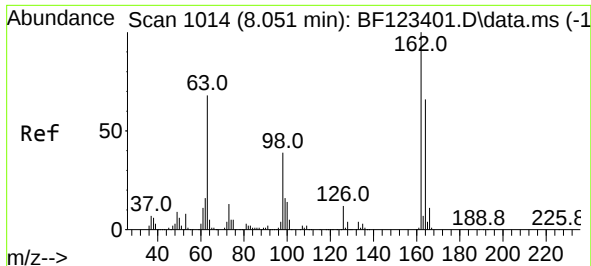
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 11.6 9.2 13.8

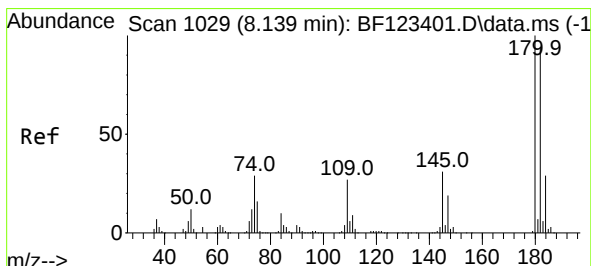
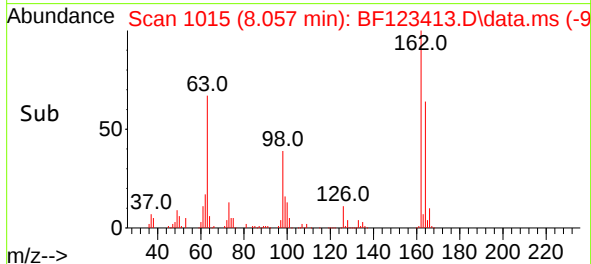
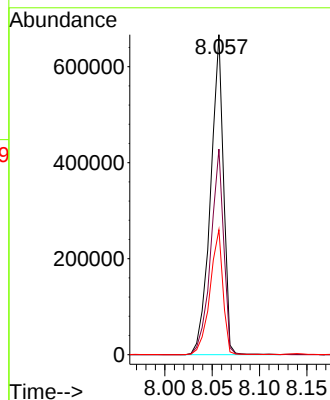
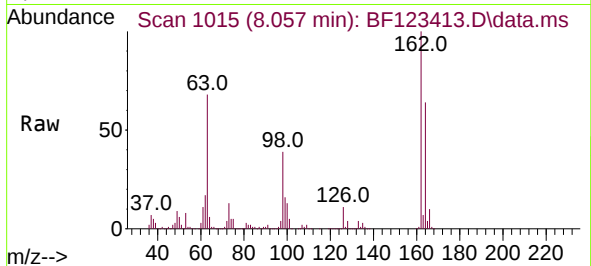




#29
2,4-Dichlorophenol
Concen: 39.72 ng
RT: 8.057 min Scan# 1015
Delta R.T. 0.006 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

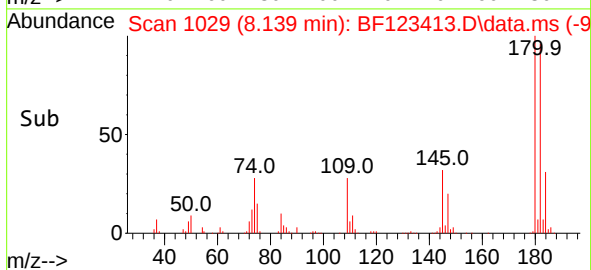
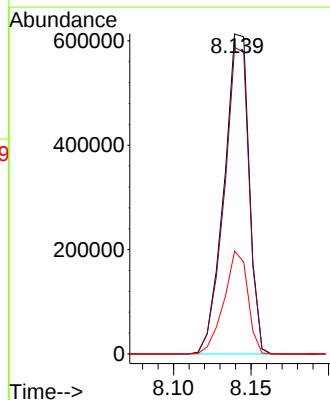
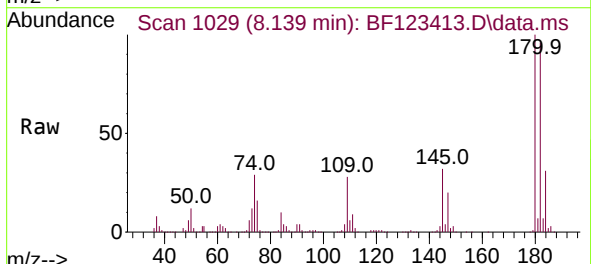
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

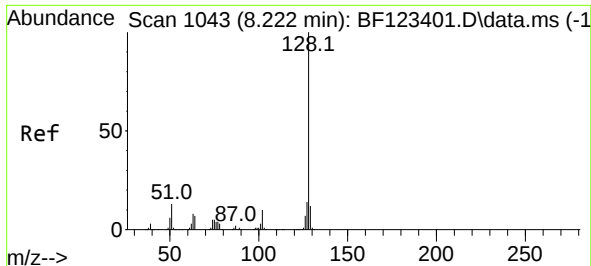
Tgt Ion:162 Resp: 633867
Ion Ratio Lower Upper
162 100
164 64.3 43.2 83.2
98 39.1 15.2 55.2



#30
1,2,4-Trichlorobenzene
Concen: 39.71 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:180 Resp: 691439
Ion Ratio Lower Upper
180 100
182 95.8 75.7 113.5
145 32.1 25.0 37.4

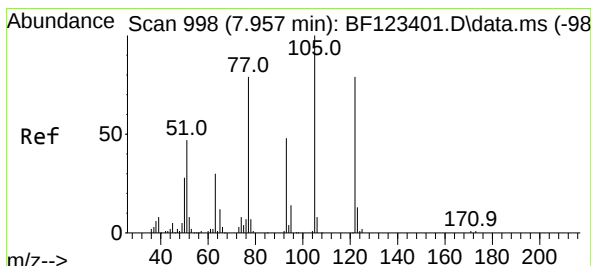
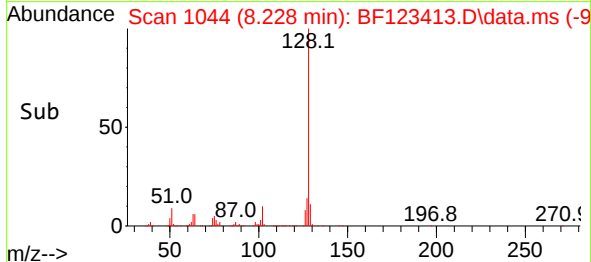
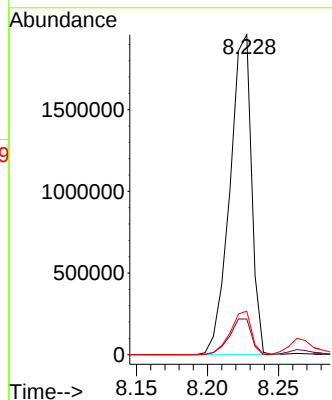
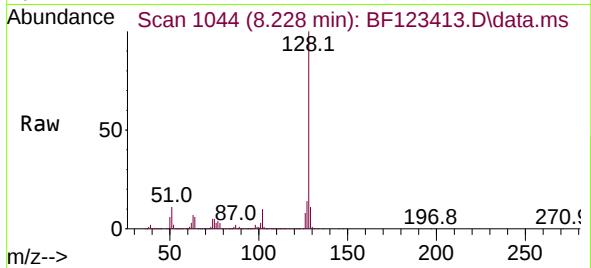




#31
Naphthalene
Concen: 38.65 ng
RT: 8.228 min Scan# 1044
Delta R.T. 0.006 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

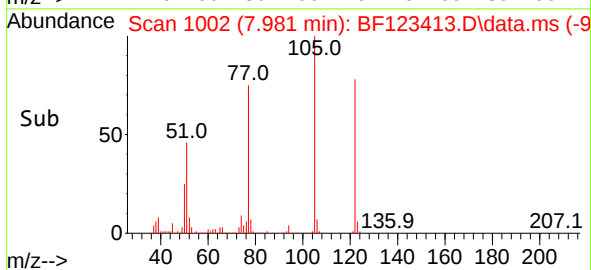
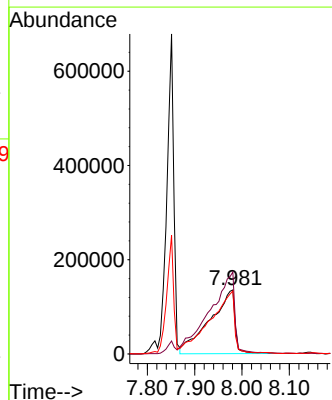
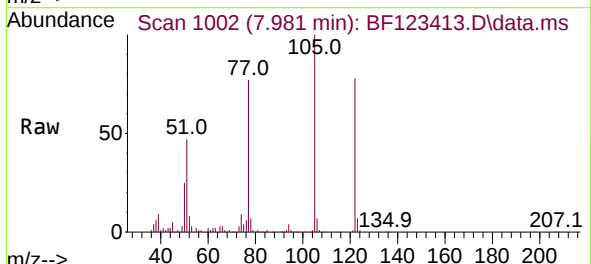
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

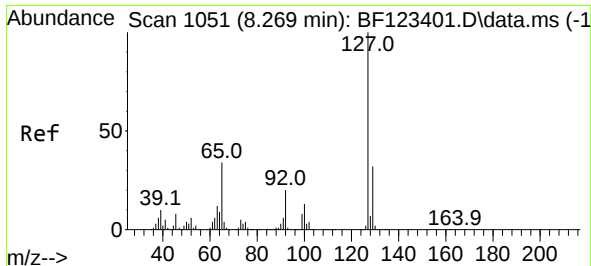
Tgt Ion:128 Resp: 2074959
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 52.17 ng
RT: 7.981 min Scan# 1002
Delta R.T. 0.024 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:122 Resp: 500534
Ion Ratio Lower Upper
122 100
105 128.1 104.8 144.8
77 98.6 71.0 111.0

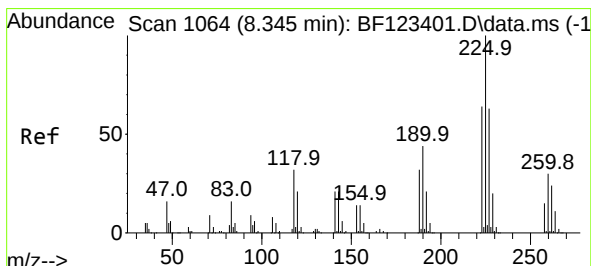
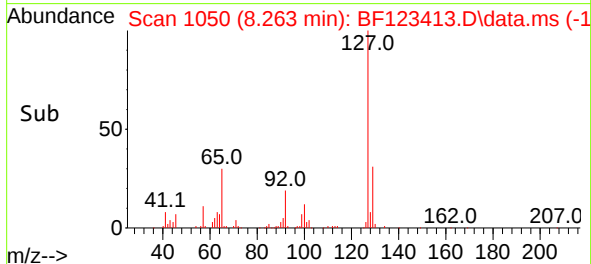
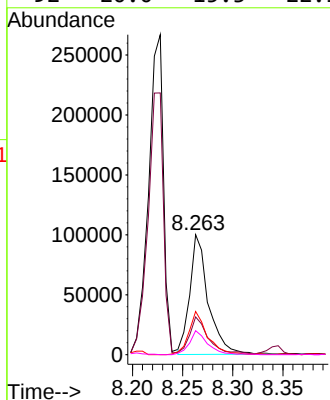
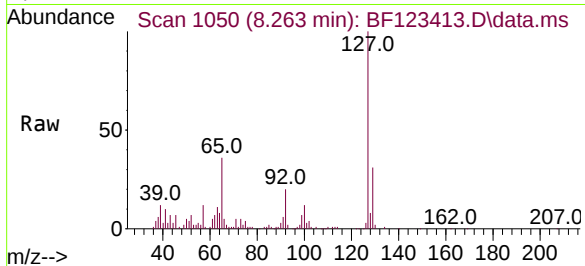




#33
4-Chloroaniline
Concen: 5.85 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

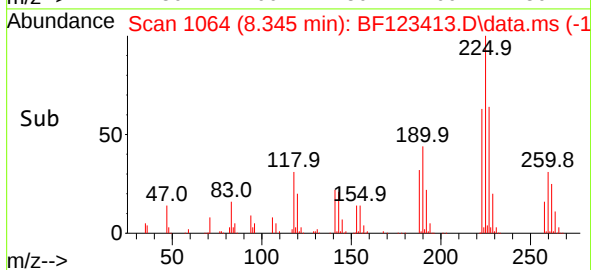
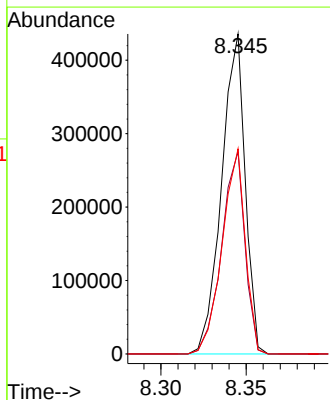
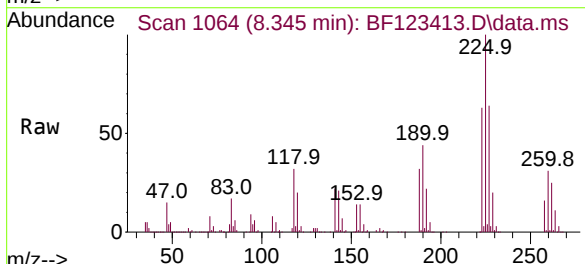
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

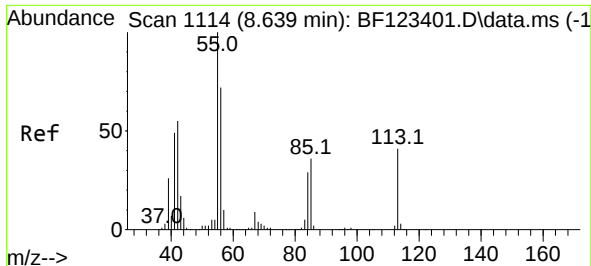
Tgt Ion:	127	Resp:	128818
Ion Ratio	Lower	Upper	
127	100		
129	31.5	26.2	39.2
65	36.0	22.2	33.2#
92	20.0	15.3	22.9



#34
Hexachlorobutadiene
Concen: 39.54 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:	225	Resp:	419897
Ion Ratio	Lower	Upper	
225	100		
223	63.2	50.7	76.1
227	64.1	51.7	77.5

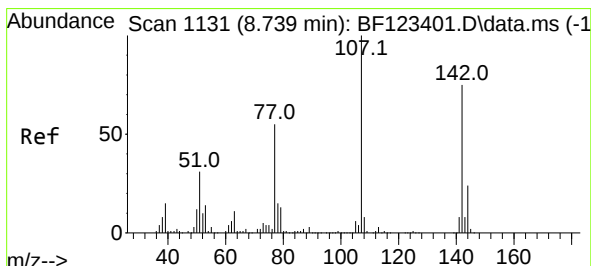
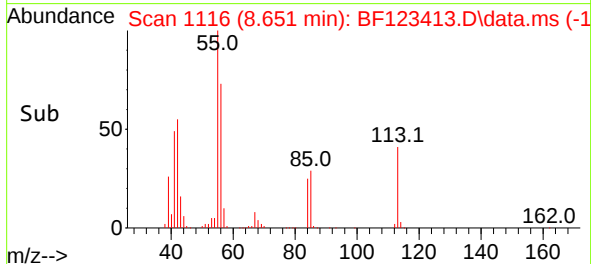
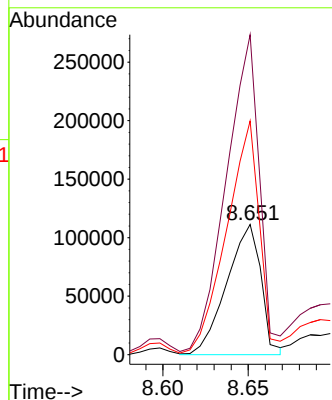
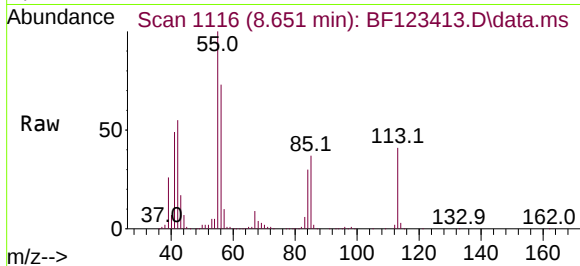




#35
Caprolactam
Concen: 32.39 ng
RT: 8.651 min Scan# 1116
Delta R.T. 0.012 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

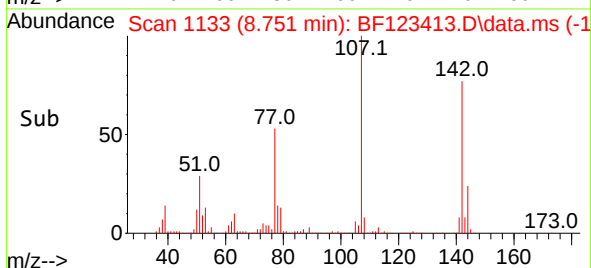
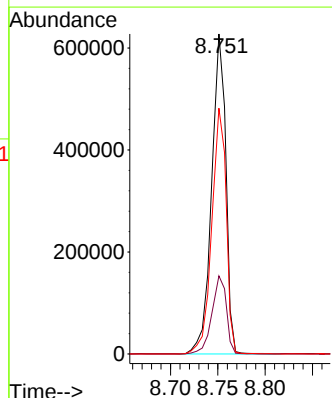
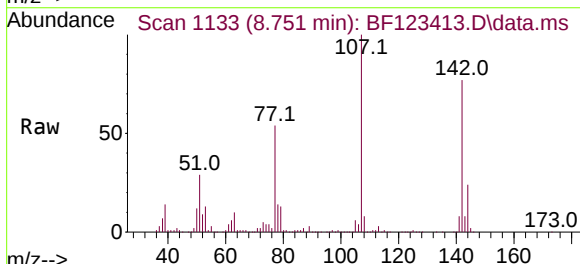
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

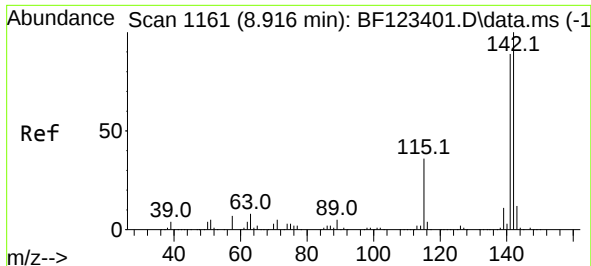
Tgt Ion:113 Resp: 155456
Ion Ratio Lower Upper
113 100
55 245.7 133.7 173.7#
56 179.5 95.3 135.3#



#36
4-Chloro-3-methylphenol
Concen: 39.06 ng
RT: 8.751 min Scan# 1133
Delta R.T. 0.012 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:107 Resp: 654253
Ion Ratio Lower Upper
107 100
144 24.4 20.2 30.2
142 76.8 64.4 96.6

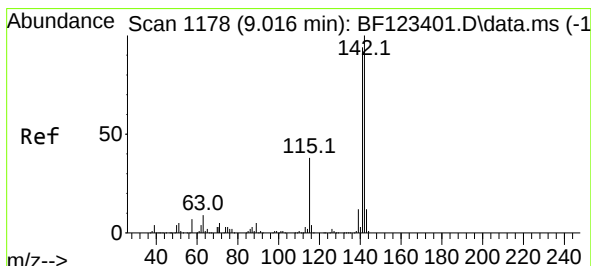
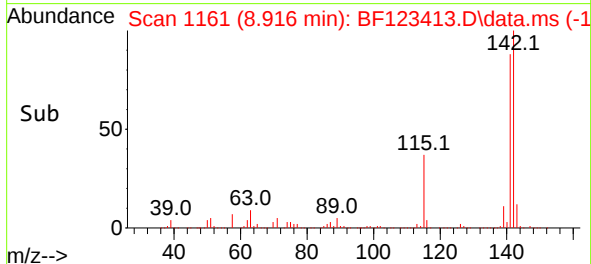
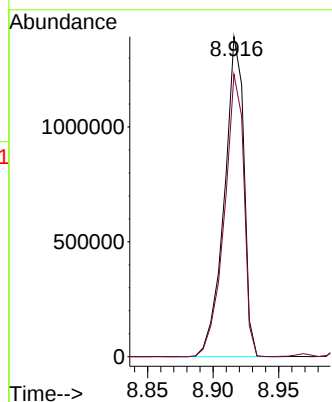
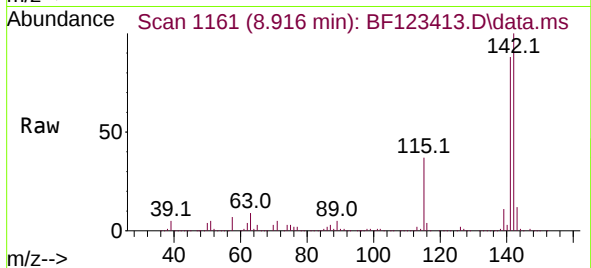




#37
2-Methylnaphthalene
Concen: 39.20 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

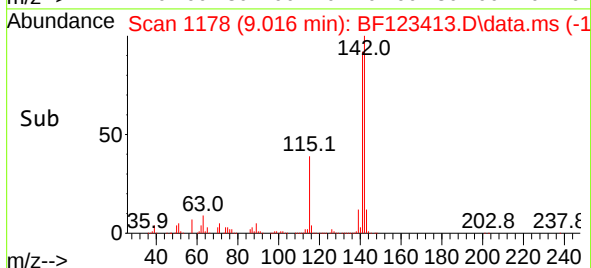
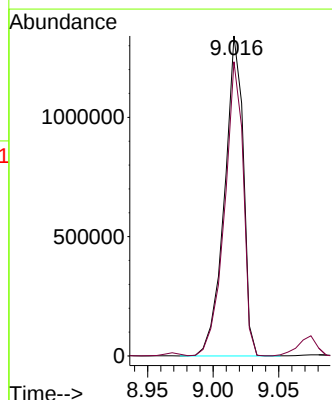
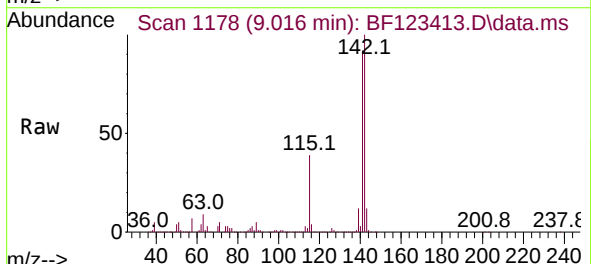
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

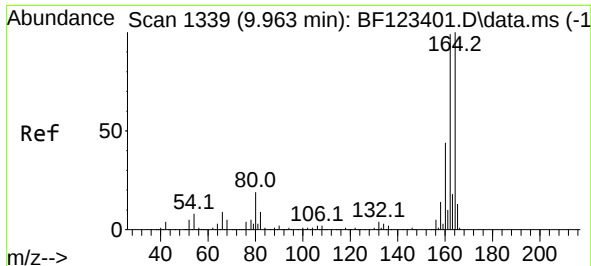
Tgt Ion:142 Resp: 1442758
Ion Ratio Lower Upper
142 100
141 88.2 70.6 106.0



#38
1-Methylnaphthalene
Concen: 38.67 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:142 Resp: 1336318
Ion Ratio Lower Upper
142 100
141 91.9 74.5 111.7





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.963 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF123413.D

Acq: 23 Mar 2021 20:26

Tgt Ion:164 Resp: 538101

Ion Ratio Lower Upper

164 100

162 101.5 80.8 121.2

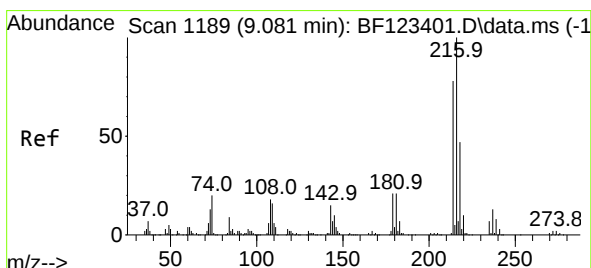
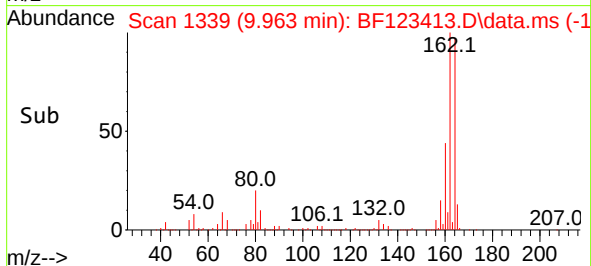
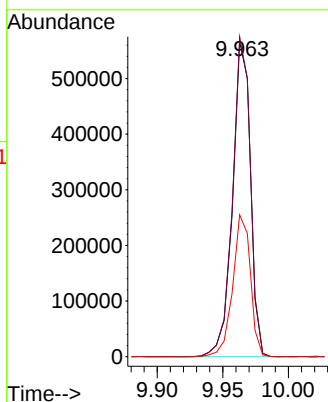
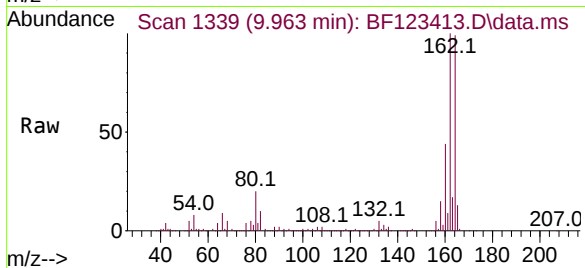
160 45.0 35.4 53.0

Instrument :

BNA_F

ClientSampleId :

SP-MANHOLES



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.83 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF123413.D

Acq: 23 Mar 2021 20:26

Tgt Ion:216 Resp: 637697

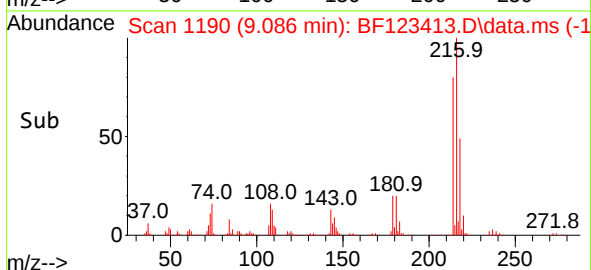
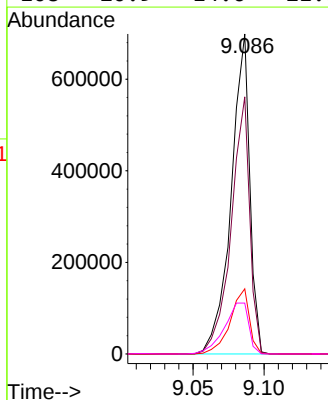
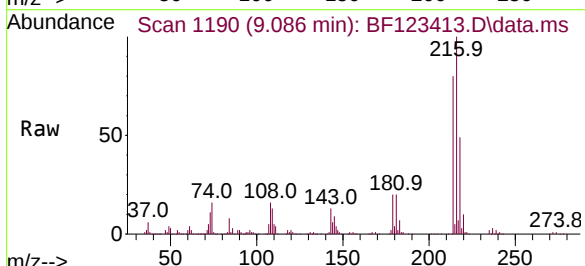
Ion Ratio Lower Upper

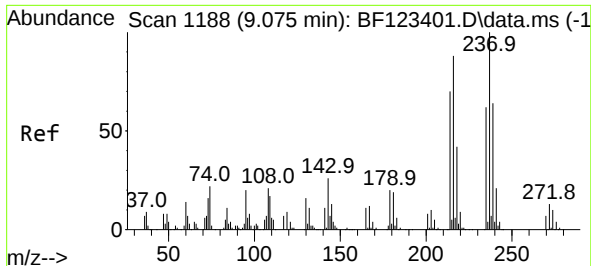
216 100

214 79.9 63.1 94.7

179 20.9 17.1 25.7

108 20.9 14.6 21.8

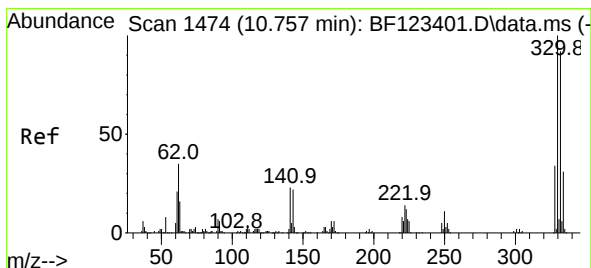
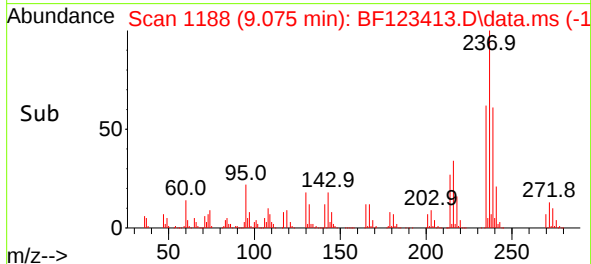
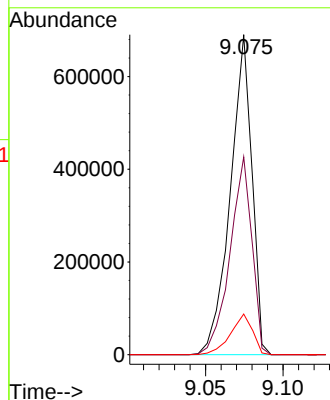
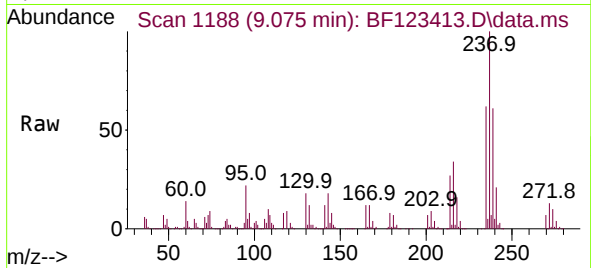




#41
Hexachlorocyclopentadiene
Concen: 74.83 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

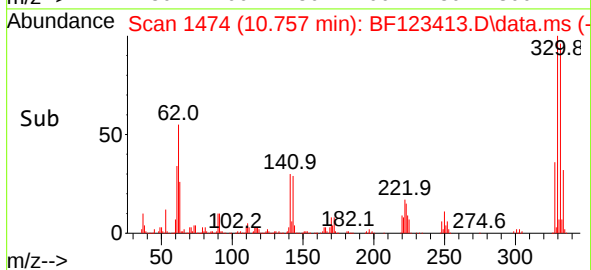
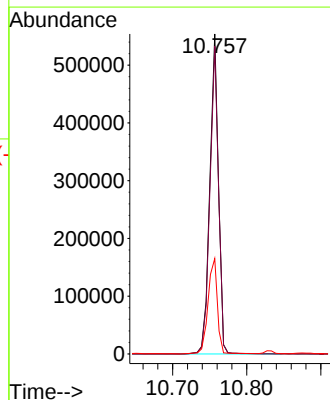
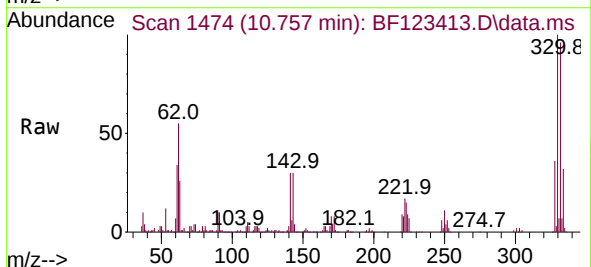
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

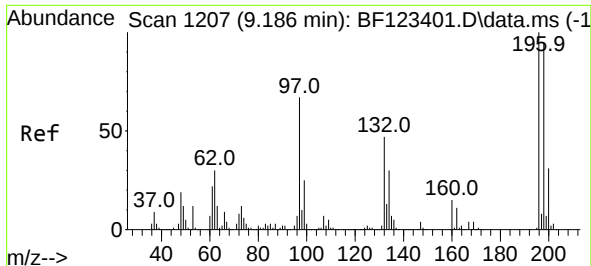
Tgt Ion:237 Resp: 668976
Ion Ratio Lower Upper
237 100
235 61.8 40.9 80.9
272 12.7 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 74.74 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:330 Resp: 449644
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 32.6 23.8 35.8

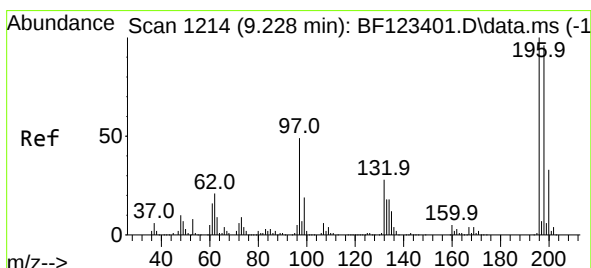
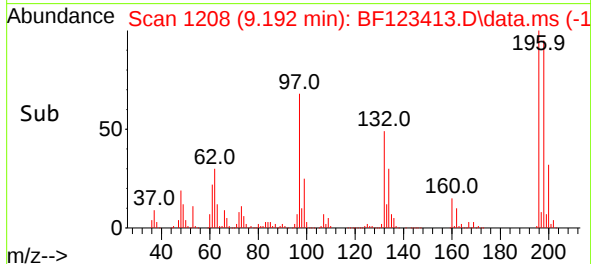
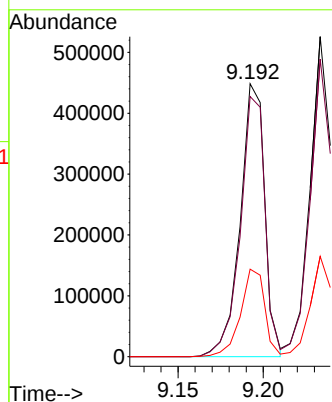
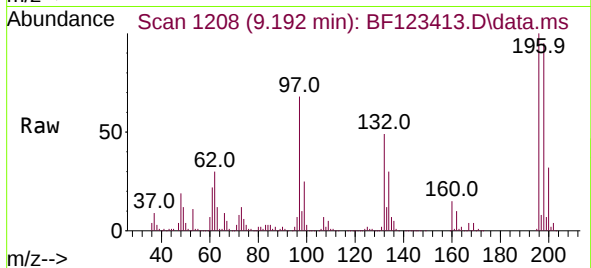




#43
2,4,6-Trichlorophenol
Concen: 40.02 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

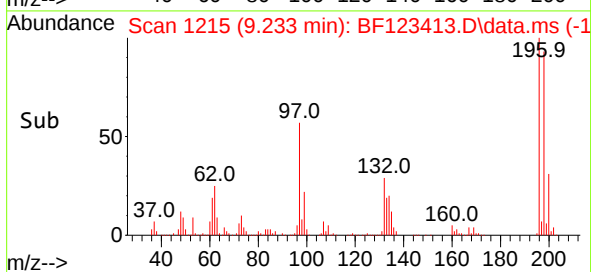
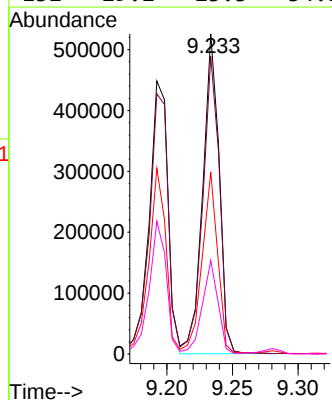
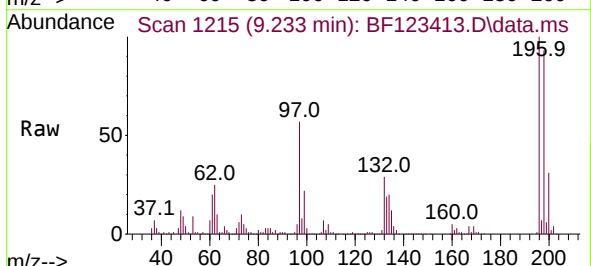
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

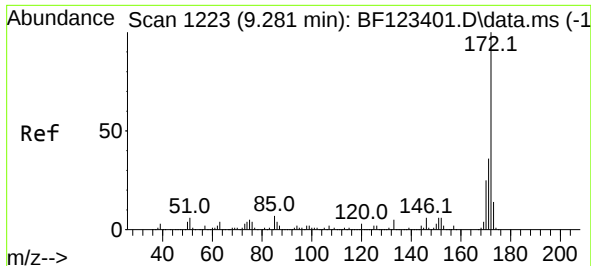
Tgt Ion:196 Resp: 448692
Ion Ratio Lower Upper
196 100
198 95.3 75.1 112.7
200 32.1 23.7 35.5



#44
2,4,5-Trichlorophenol
Concen: 38.80 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.006 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:196 Resp: 457162
Ion Ratio Lower Upper
196 100
198 93.0 76.5 114.7
97 56.9 40.1 60.1
132 29.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 53.92 ng

RT: 9.280 min Scan# 1223

Delta R.T. -0.001 min

Lab File: BF123413.D

Acq: 23 Mar 2021 20:26

Tgt Ion:172 Resp: 2030838

Ion Ratio Lower Upper

172 100

171 35.6 29.6 44.4

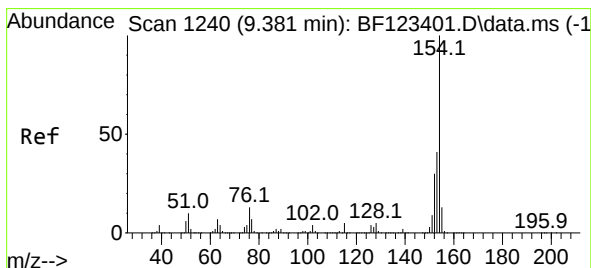
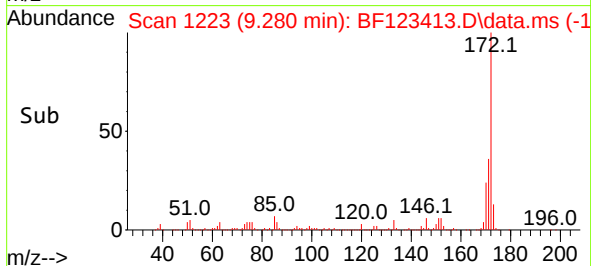
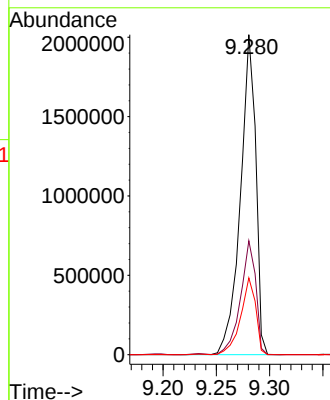
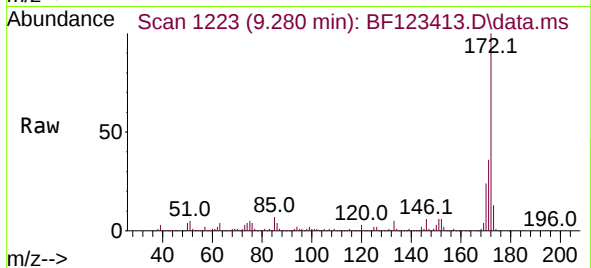
170 24.0 19.5 29.3

Instrument :

BNA_F

ClientSampleId :

SP-MANHOLES



#46

1,1'-Biphenyl

Concen: 40.70 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.006 min

Lab File: BF123413.D

Acq: 23 Mar 2021 20:26

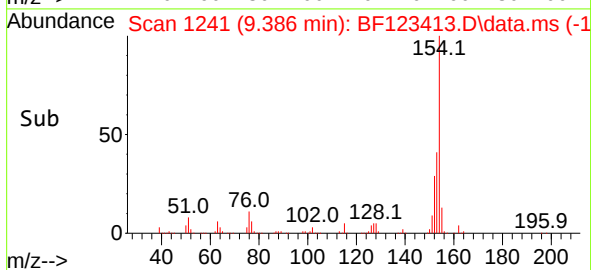
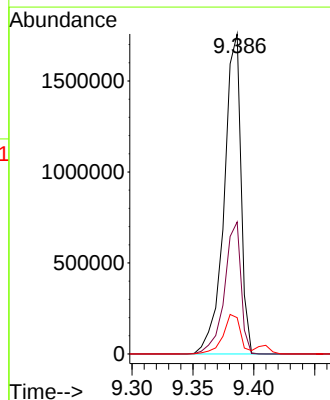
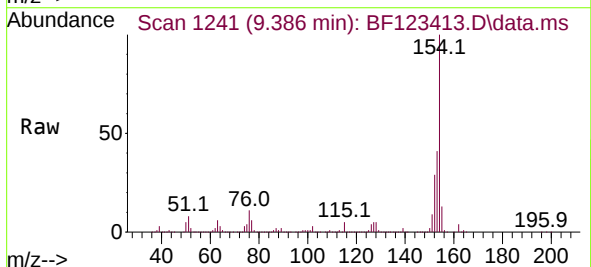
Tgt Ion:154 Resp: 1687938

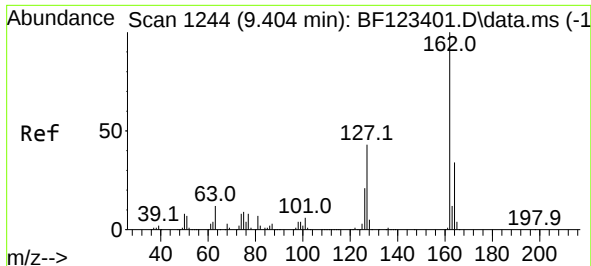
Ion Ratio Lower Upper

154 100

153 41.3 21.8 61.8

76 11.4 0.0 33.4

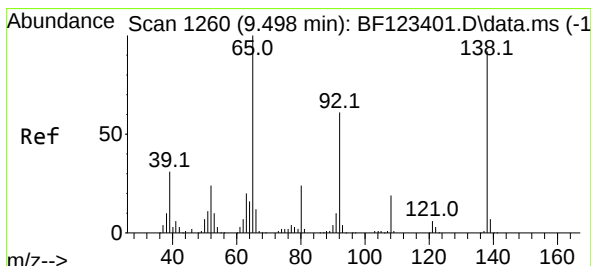
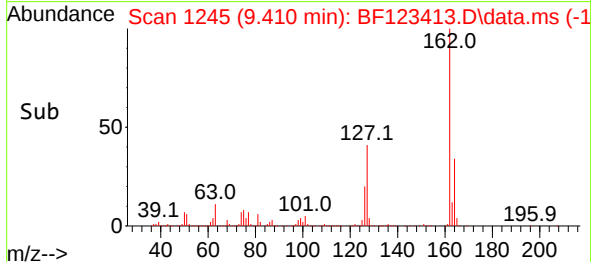
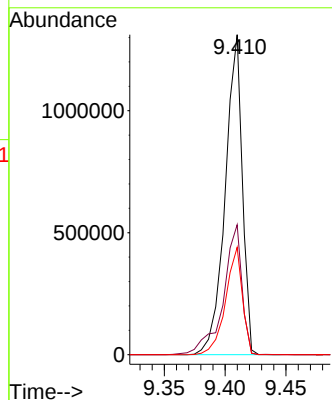
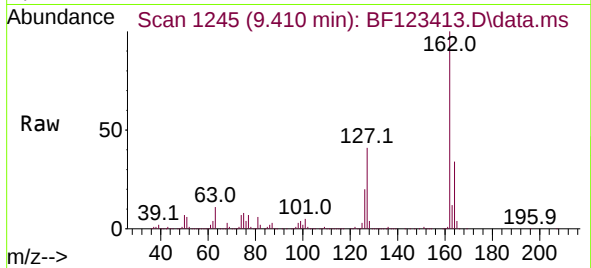




#47
2-Chloronaphthalene
Concen: 38.01 ng
RT: 9.410 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

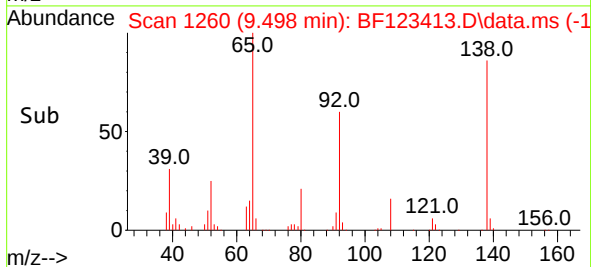
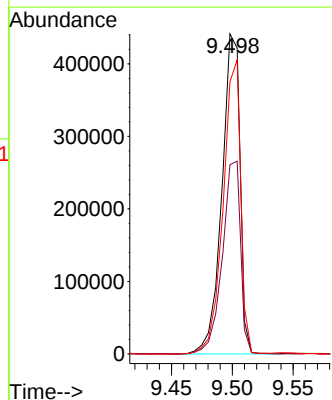
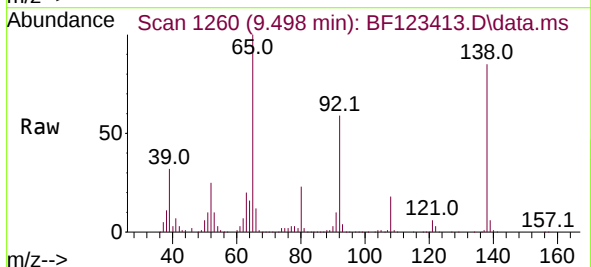
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

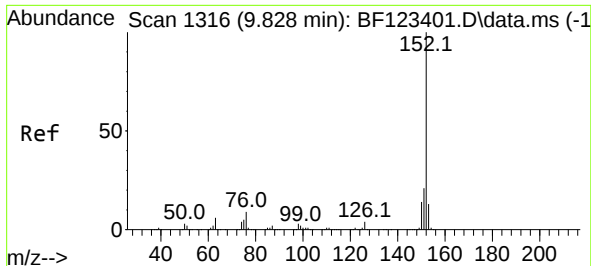
Tgt Ion:162 Resp: 1286029
Ion Ratio Lower Upper
162 100
127 40.6 33.8 50.8
164 33.5 26.5 39.7



#48
2-Nitroaniline
Concen: 44.65 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion: 65 Resp: 458331
Ion Ratio Lower Upper
65 100
92 59.2 60.0 90.0#
138 85.0 100.6 151.0#

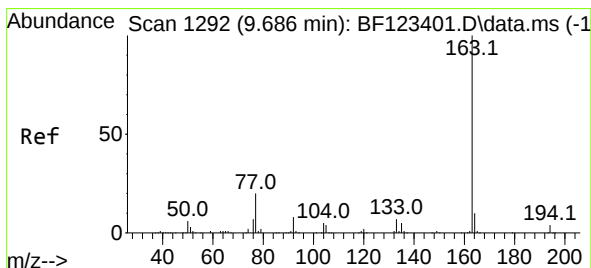
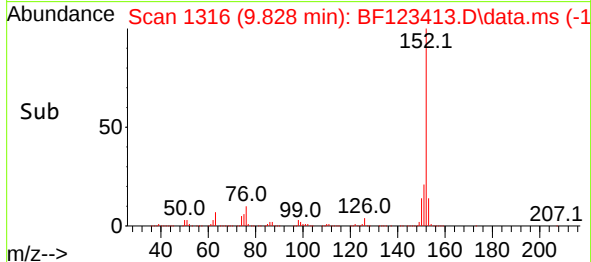
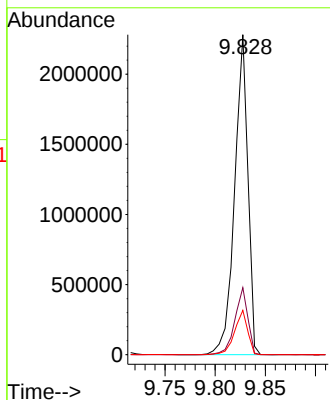
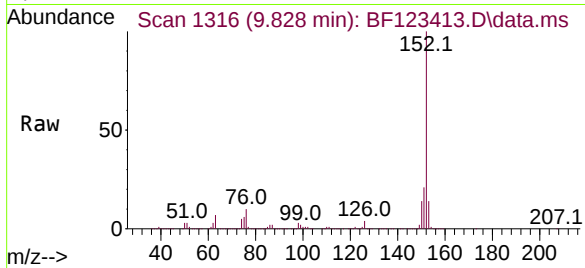




#49
Acenaphthylene
Concen: 39.62 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

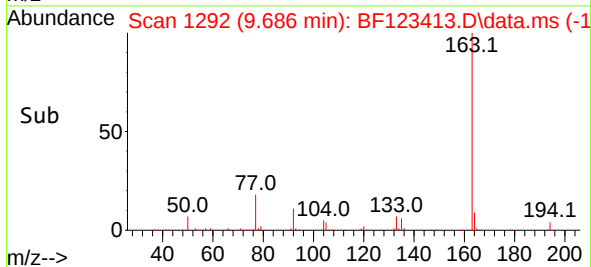
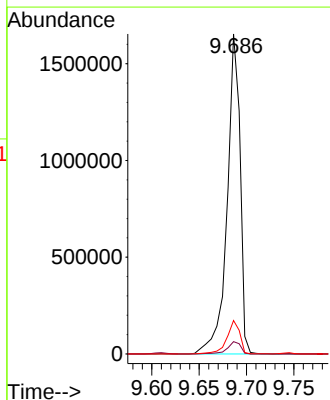
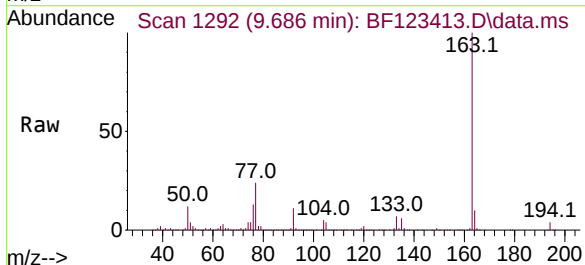
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

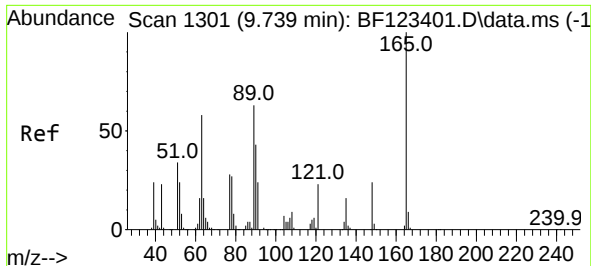
Tgt Ion:152 Resp: 2096296
Ion Ratio Lower Upper
152 100
151 21.0 16.6 25.0
153 13.9 10.9 16.3



#50
Dimethylphthalate
Concen: 41.32 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:163 Resp: 1579053
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.4 8.1 12.1

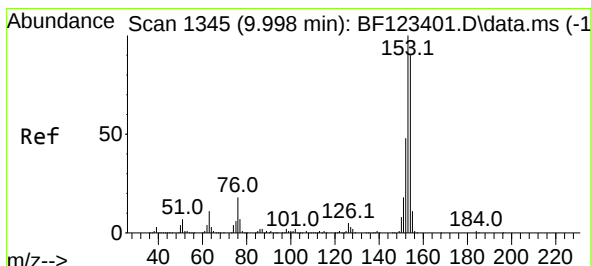
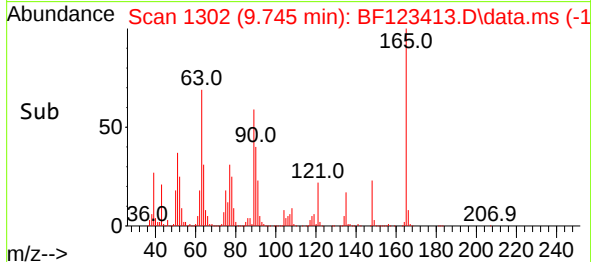
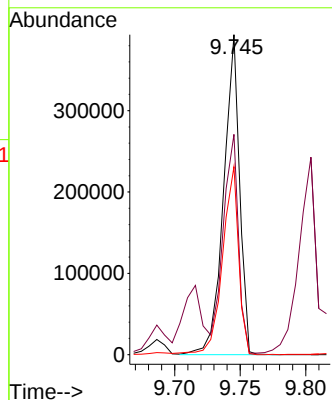
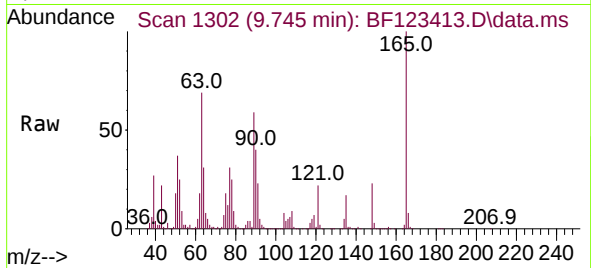




#51
2,6-Dinitrotoluene
Concen: 41.60 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

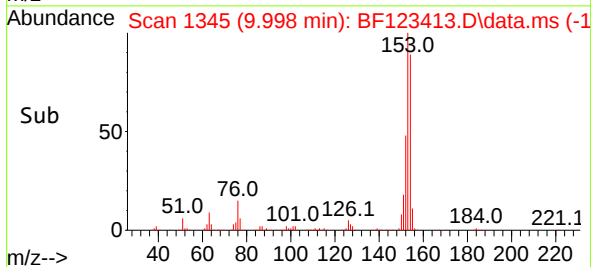
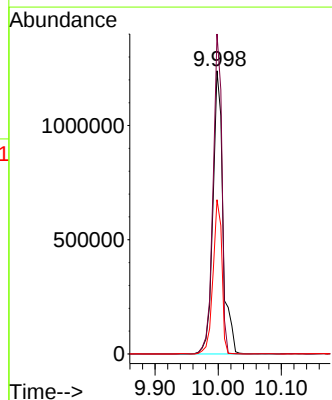
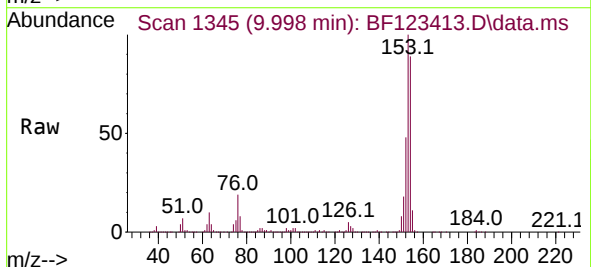
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

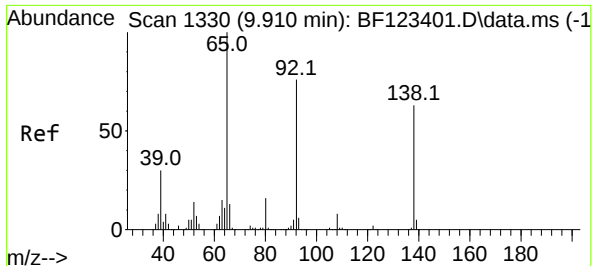
Tgt Ion:165 Resp: 332141
Ion Ratio Lower Upper
165 100
63 68.9 36.6 55.0#
89 58.8 39.4 59.0



#52
Acenaphthene
Concen: 41.44 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:154 Resp: 1368687
Ion Ratio Lower Upper
154 100
153 113.0 89.0 133.6
152 54.5 42.7 64.1

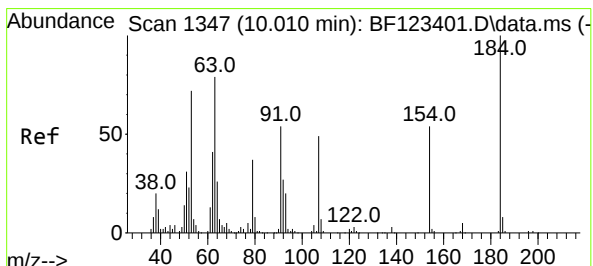
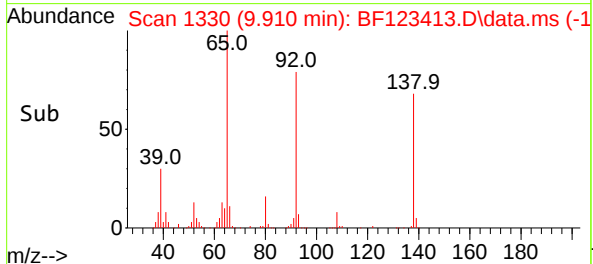
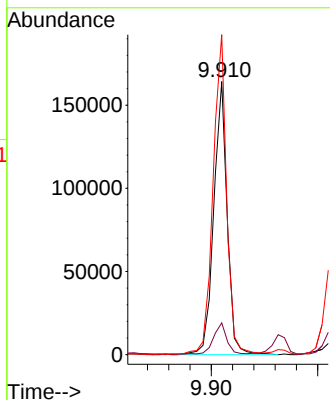
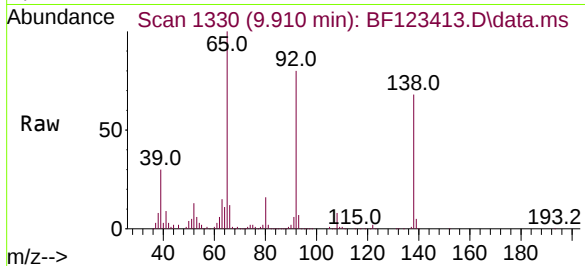




#53
3-Nitroaniline
Concen: 16.97 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

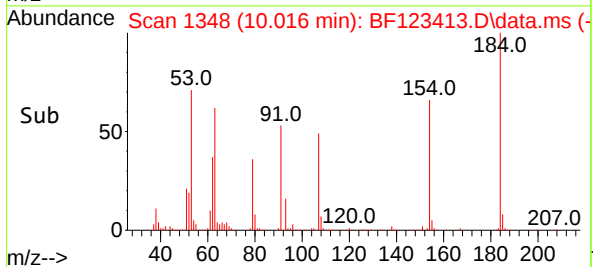
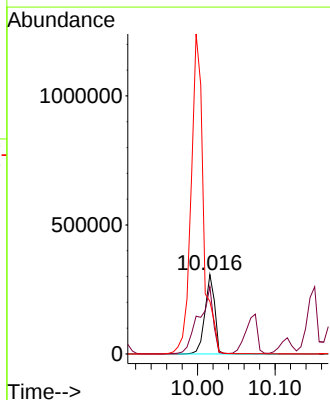
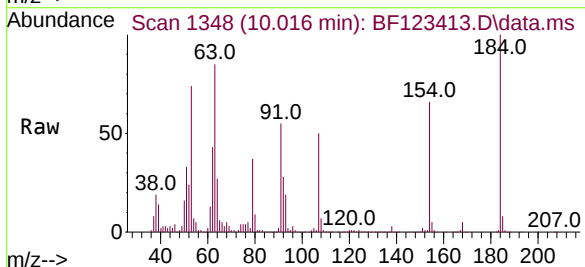
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

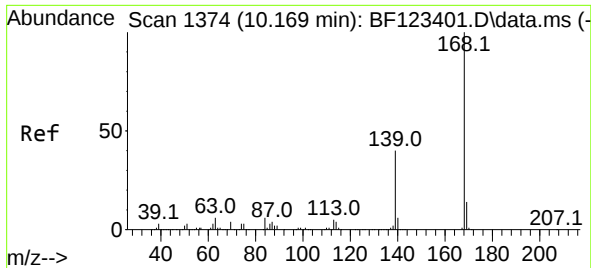
Tgt Ion:138 Resp: 143092
Ion Ratio Lower Upper
138 100
108 11.6 8.2 12.2
92 117.2 85.4 128.2



#54
2,4-Dinitrophenol
Concen: 72.18 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:184 Resp: 270613
Ion Ratio Lower Upper
184 100
63 84.8 51.4 77.2#
154 66.4 49.7 74.5

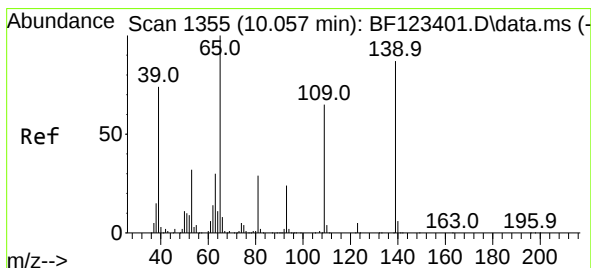
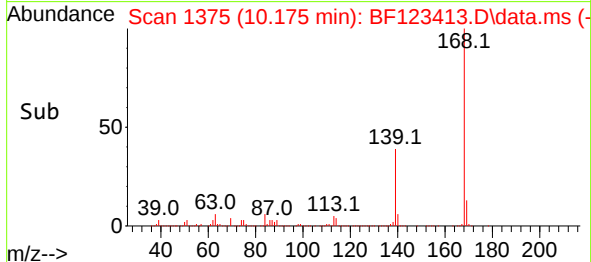
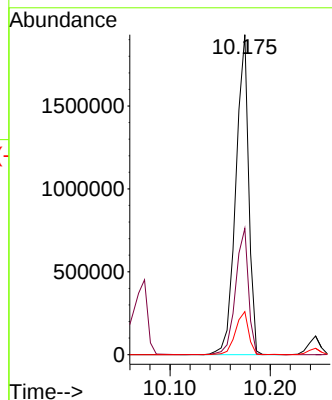
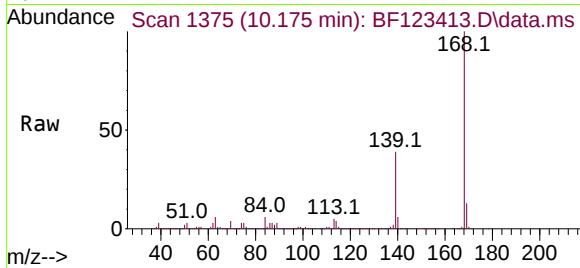




#55
Dibenzofuran
Concen: 36.33 ng
RT: 10.175 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

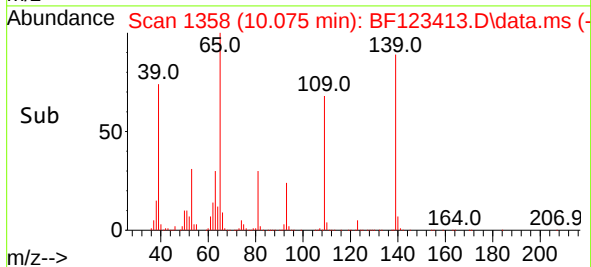
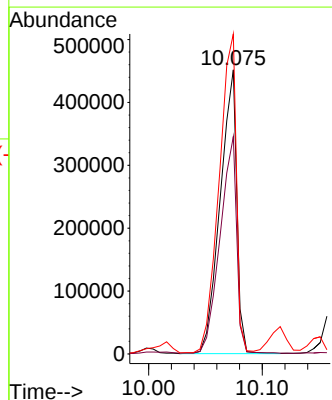
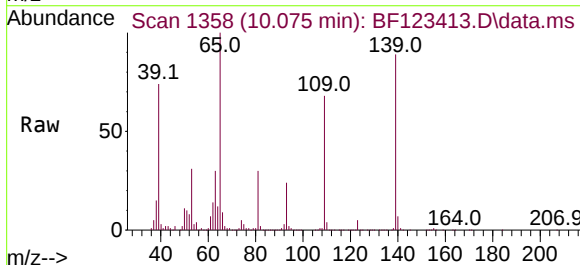
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

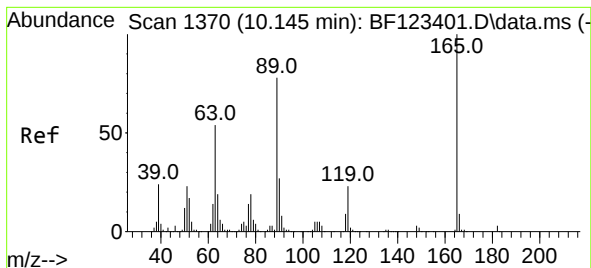
Tgt Ion:168 Resp: 1725352
Ion Ratio Lower Upper
168 100
139 39.5 31.3 46.9
169 13.5 11.2 16.8



#56
4-Nitrophenol
Concen: 67.54 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.018 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:139 Resp: 459283
Ion Ratio Lower Upper
139 100
109 76.5 45.1 85.1
65 112.6 59.2 99.2#

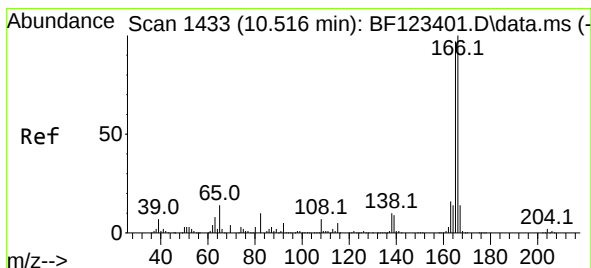
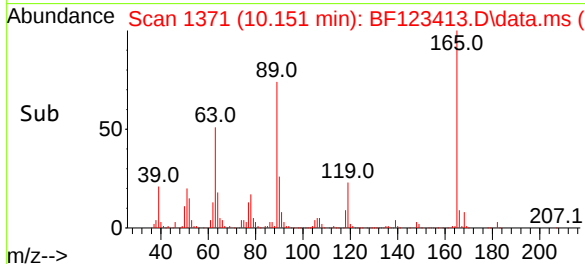
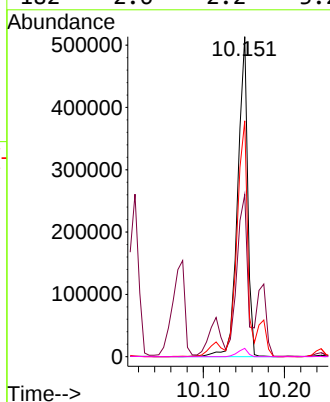
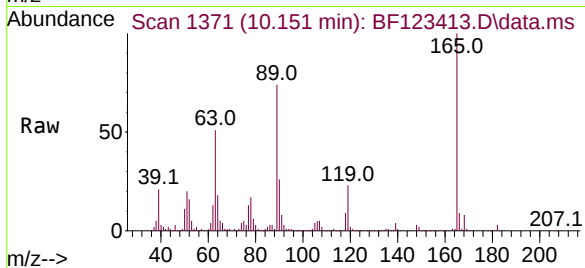




#57
2,4-Dinitrotoluene
Concen: 43.89 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

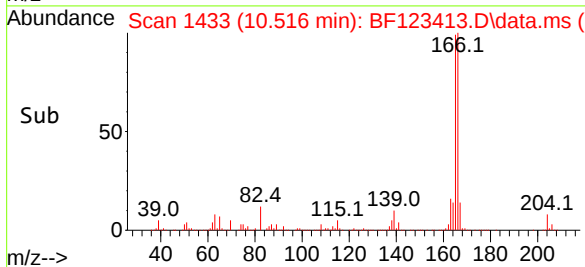
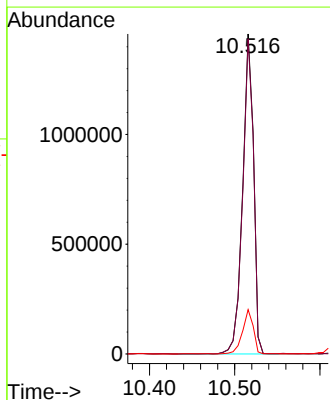
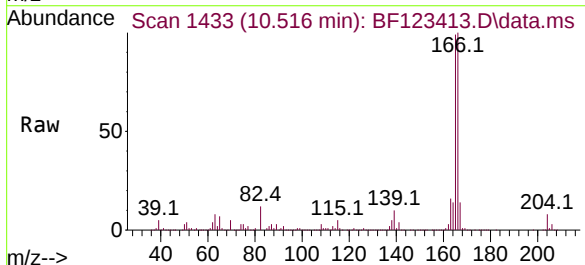
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

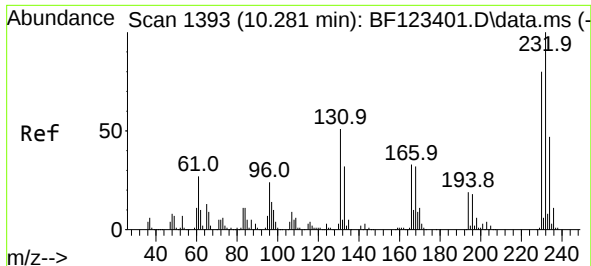
Tgt Ion:	165	Resp:	437295
Ion	Ratio	Lower	Upper
165	100		
63	50.7	34.3	51.5
89	73.7	55.2	82.8
182	2.6	2.2	3.2



#58
Fluorene
Concen: 36.20 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:	166	Resp:	1297689
Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.4	119.0
167	13.8	10.9	16.3

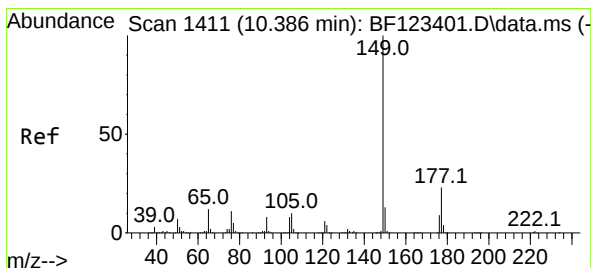
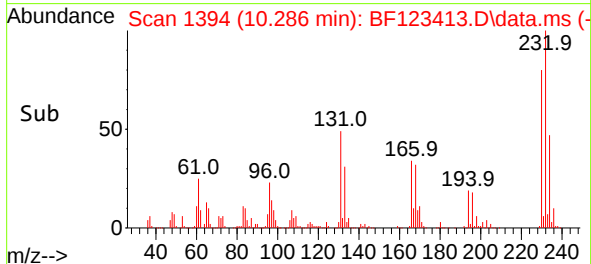
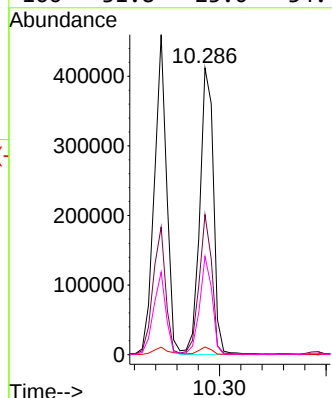
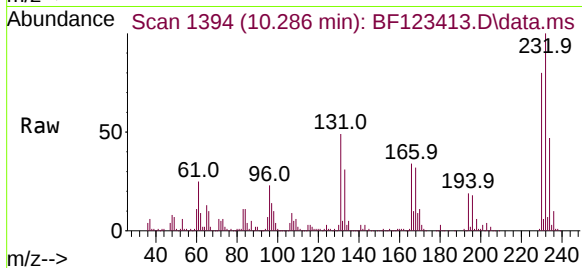




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.00 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

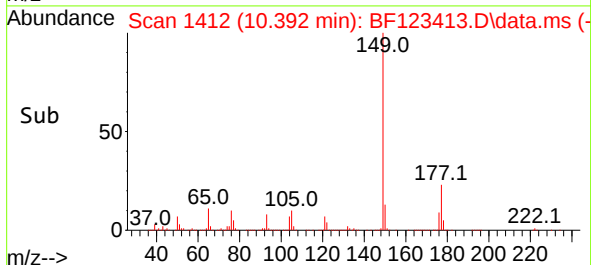
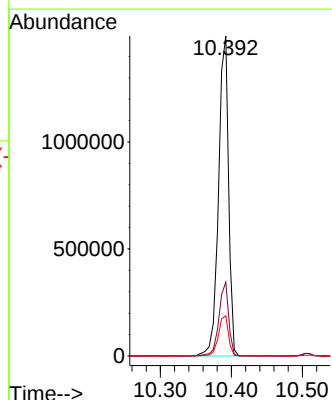
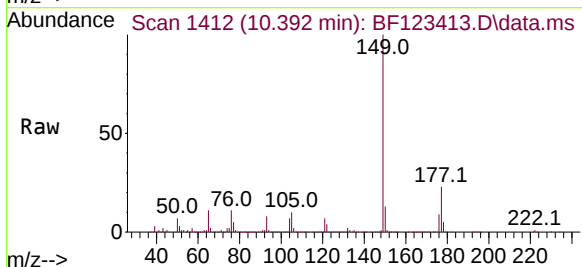
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

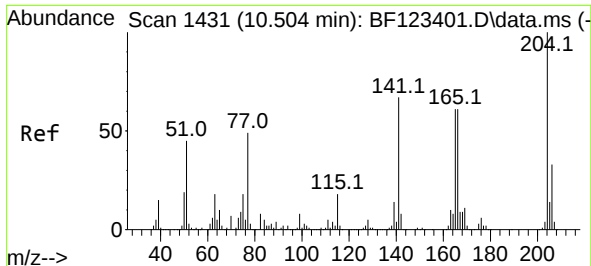
Tgt Ion:232 Resp: 365455
Ion Ratio Lower Upper
232 100
131 46.1 33.0 49.4
130 2.6 1.7 2.5#
166 31.8 23.0 34.4



#60
Diethylphthalate
Concen: 39.09 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:149 Resp: 1458555
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.4
150 12.6 10.1 15.1

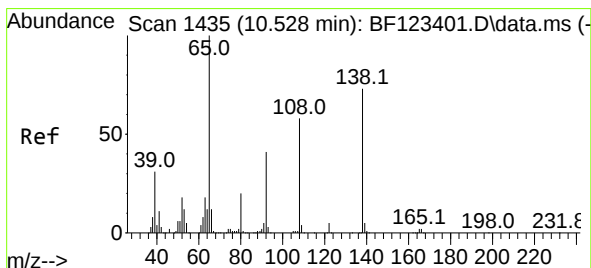
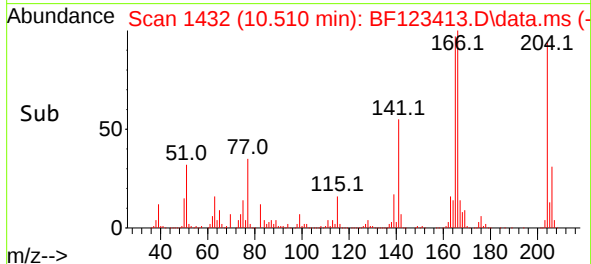
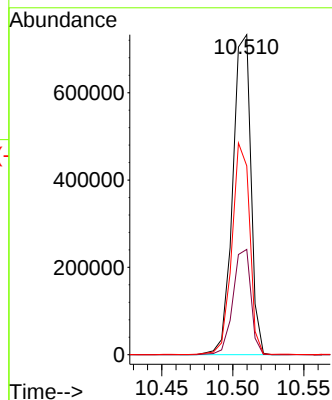
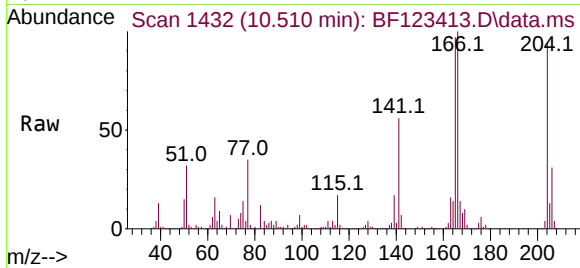




#61
4-Chlorophenyl-phenylether
Concen: 37.28 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

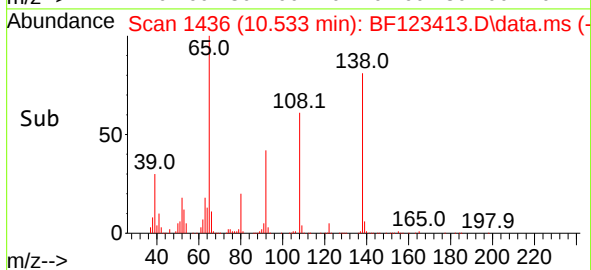
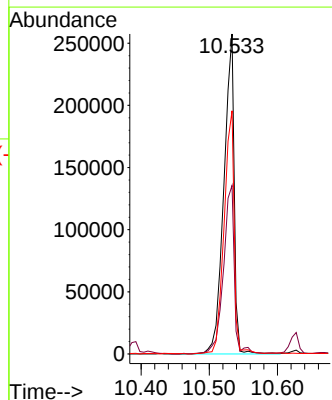
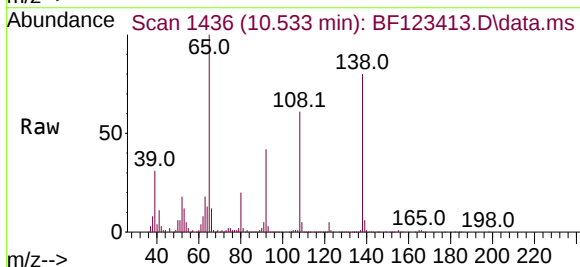
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

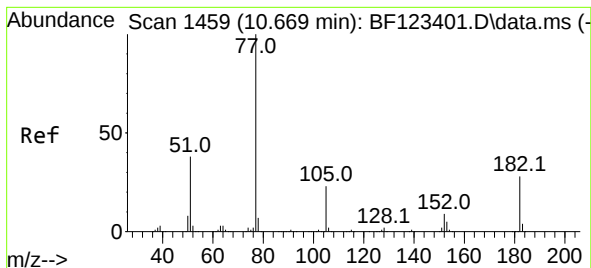
Tgt Ion:204 Resp: 653248
Ion Ratio Lower Upper
204 100
206 32.9 27.0 40.4
141 59.0 50.4 75.6



#62
4-Nitroaniline
Concen: 34.00 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:138 Resp: 271707
Ion Ratio Lower Upper
138 100
92 52.7 31.0 71.0
108 76.0 54.8 94.8



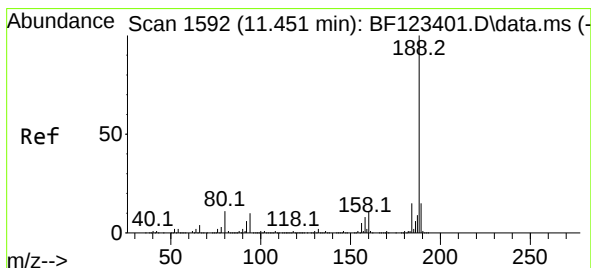
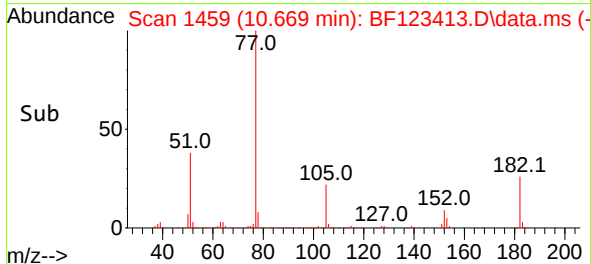
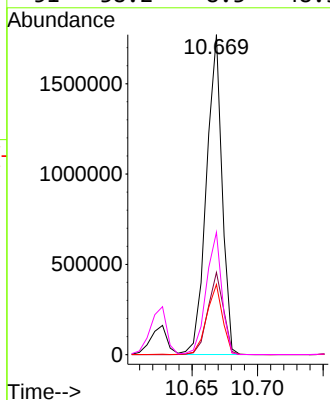
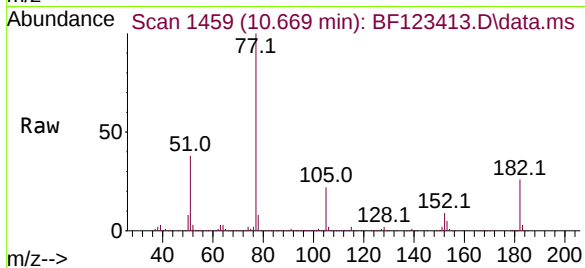


#63
Azobenzene
Concen: 35.80 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

Tgt Ion: 77 Resp: 1469855

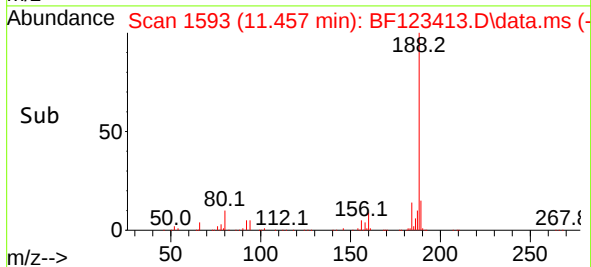
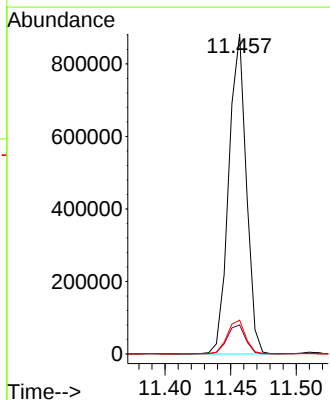
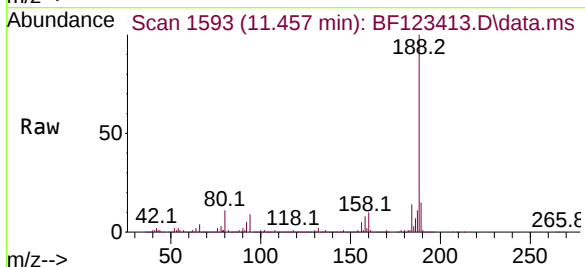
Ion	Ratio	Lower	Upper
77	100		
182	25.7	5.6	45.6
105	22.0	1.8	41.8
51	38.2	8.3	48.3

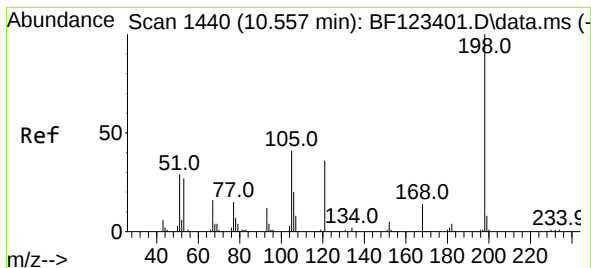


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.006 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion: 188 Resp: 818887

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.4	11.2
80	10.6	8.2	12.4

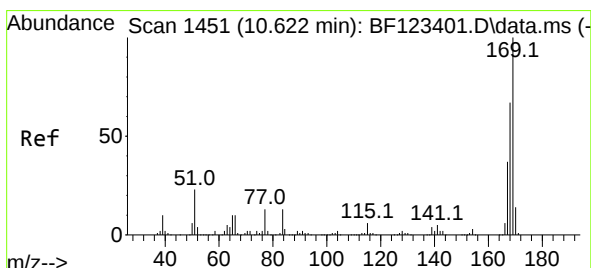
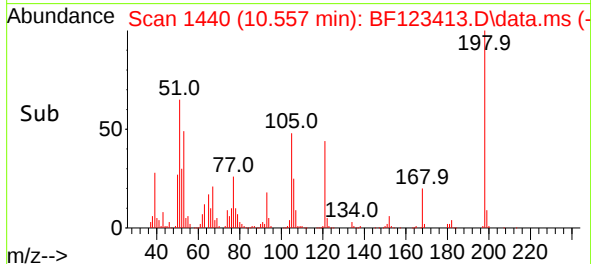
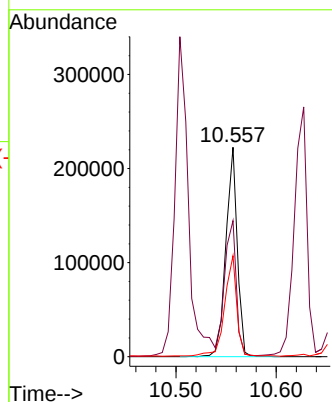
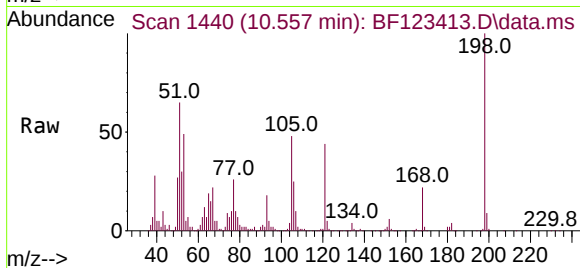




#65
4,6-Dinitro-2-methylphenol
Concen: 40.76 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

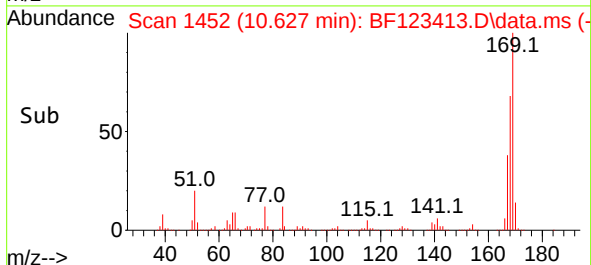
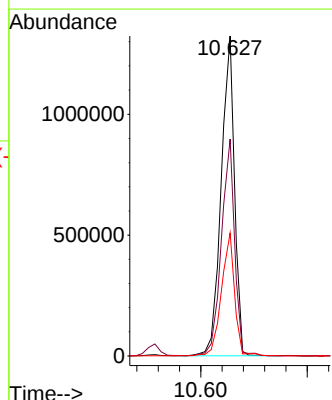
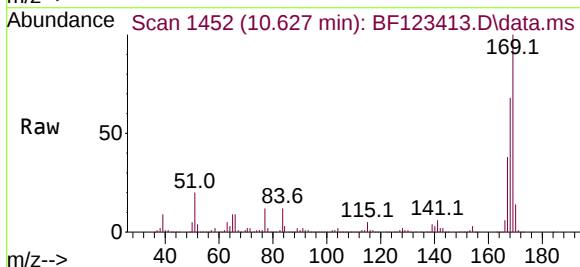
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

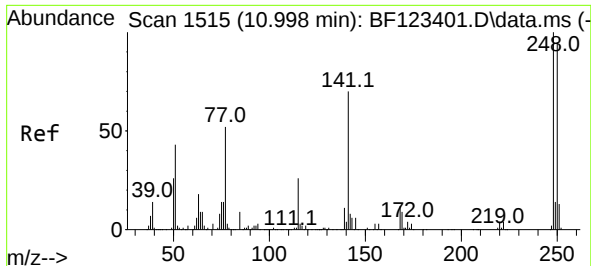
Tgt Ion:198 Resp: 175720
Ion Ratio Lower Upper
198 100
51 64.9 20.3 60.3#
105 48.2 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 41.74 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:169 Resp: 1145311
Ion Ratio Lower Upper
169 100
168 67.8 54.2 81.2
167 38.4 29.2 43.8

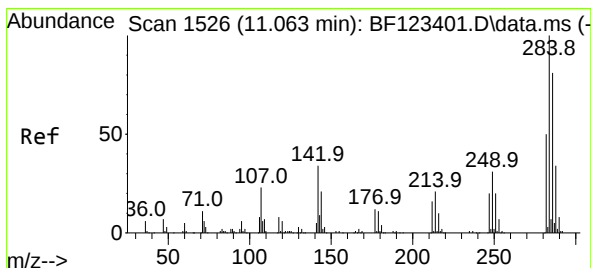
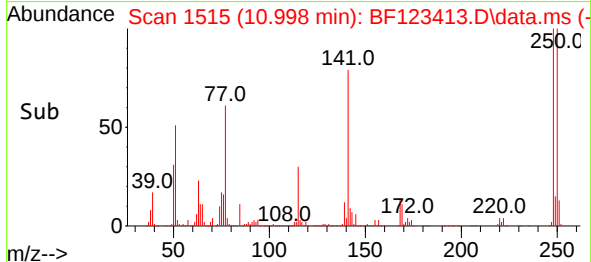
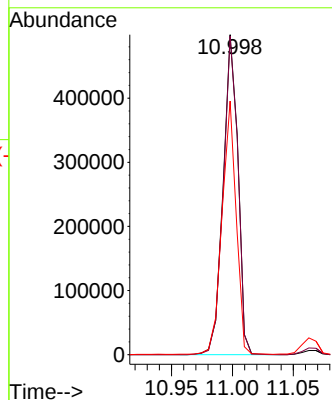
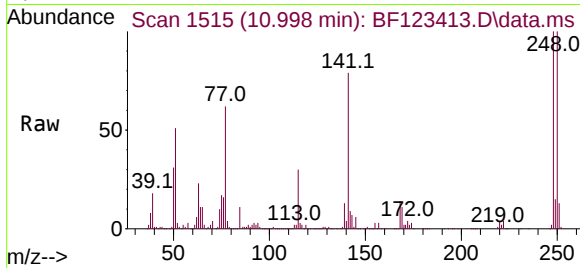




#67
4-Bromophenyl-phenylether
Concen: 43.55 ng
RT: 10.998 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

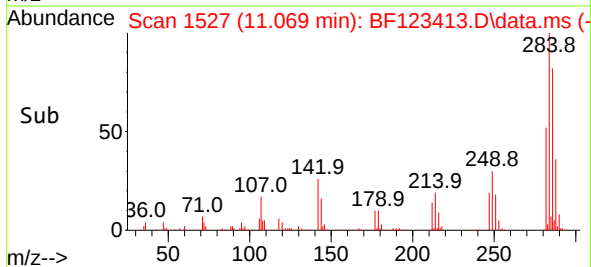
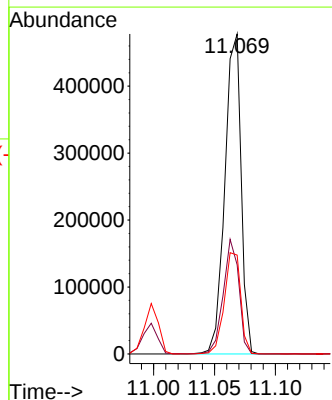
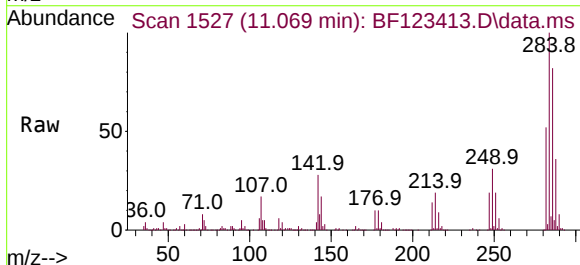
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

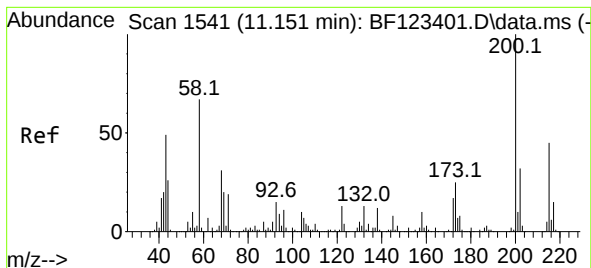
Tgt Ion:248 Resp: 422368
Ion Ratio Lower Upper
248 100
250 99.5 76.8 115.2
141 79.3 59.8 89.8



#68
Hexachlorobenzene
Concen: 41.68 ng
RT: 11.069 min Scan# 1527
Delta R.T. 0.006 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:284 Resp: 445511
Ion Ratio Lower Upper
284 100
142 27.9 25.6 38.4
249 30.9 25.1 37.7





#69

Atrazine

Concen: 45.72 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.006 min

Lab File: BF123413.D

Acq: 23 Mar 2021 20:26

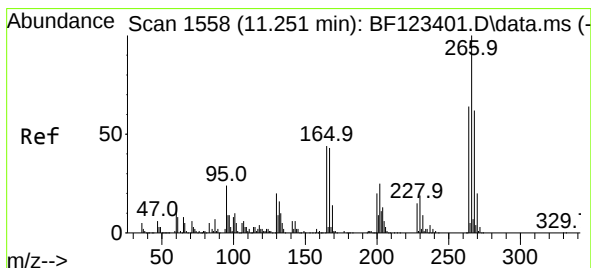
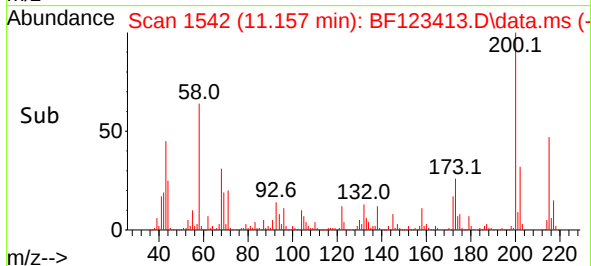
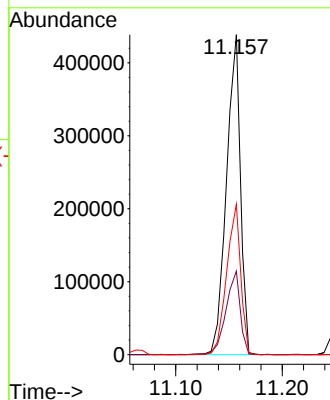
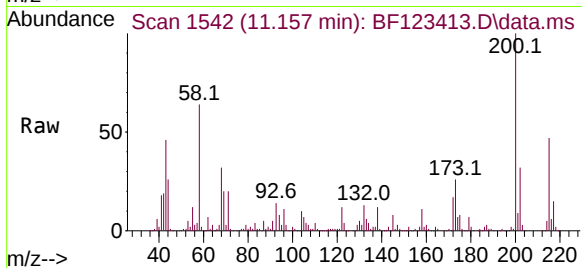
Tgt Ion:200 Resp: 398722

Ion Ratio Lower Upper

200 100

173 26.1 6.6 46.6

215 47.0 28.1 68.1



#70

Pentachlorophenol

Concen: 75.59 ng

RT: 11.257 min Scan# 1559

Delta R.T. 0.006 min

Lab File: BF123413.D

Acq: 23 Mar 2021 20:26

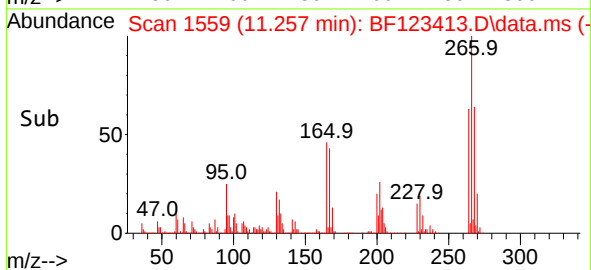
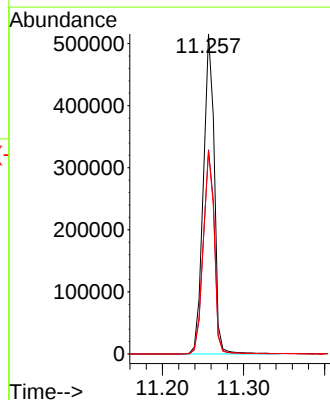
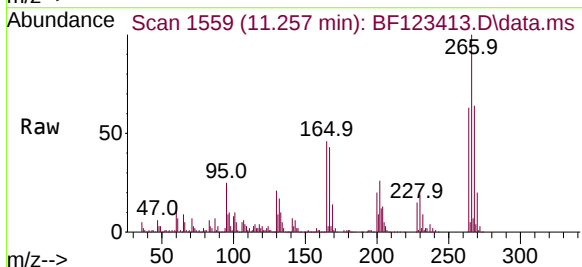
Tgt Ion:266 Resp: 482101

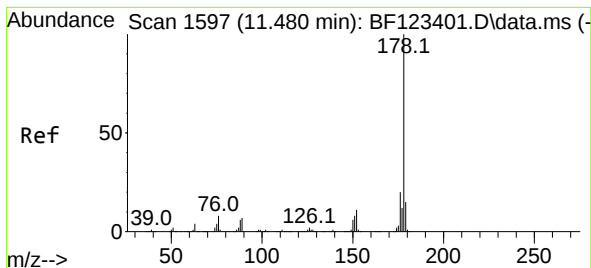
Ion Ratio Lower Upper

266 100

268 63.8 50.5 75.7

264 63.4 49.8 74.8

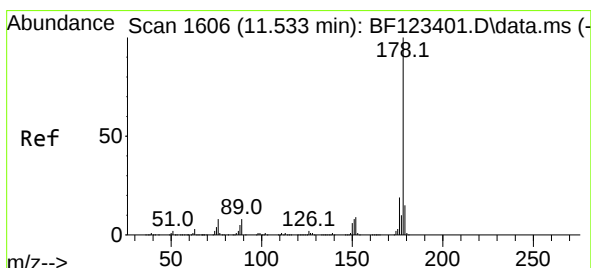
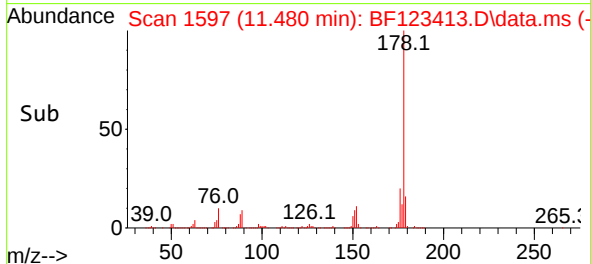
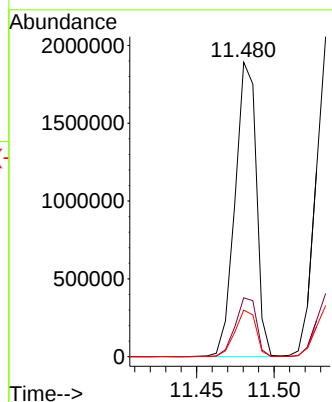
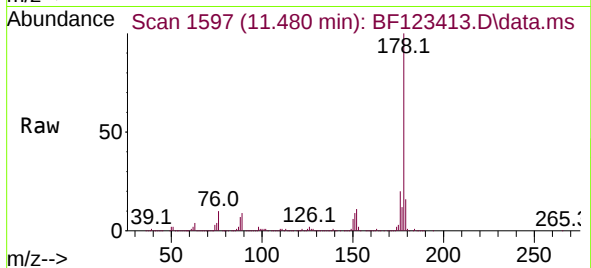




#71
Phenanthrene
Concen: 40.02 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

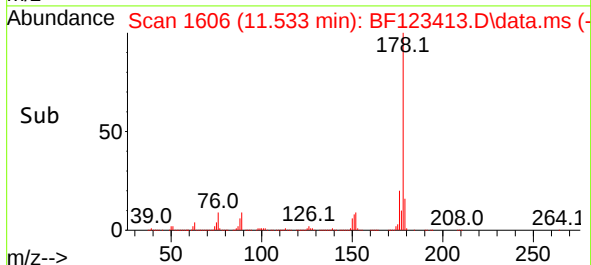
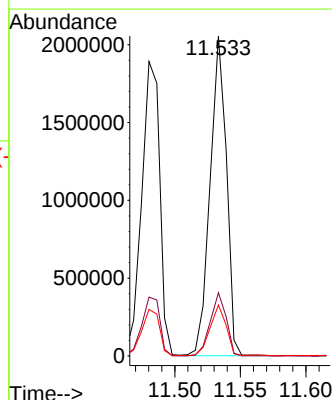
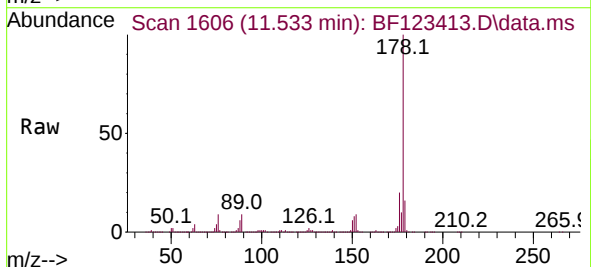
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

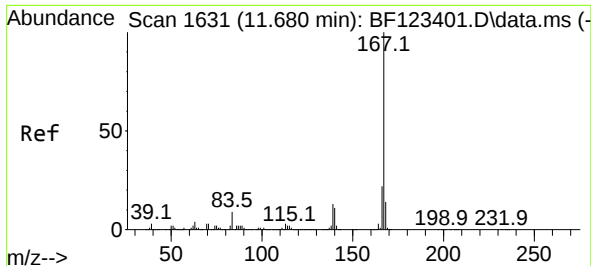
Tgt Ion:178 Resp: 1811742
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.2
179 15.8 12.7 19.1



#72
Anthracene
Concen: 39.19 ng
RT: 11.533 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:178 Resp: 1784539
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 16.0 12.8 19.2

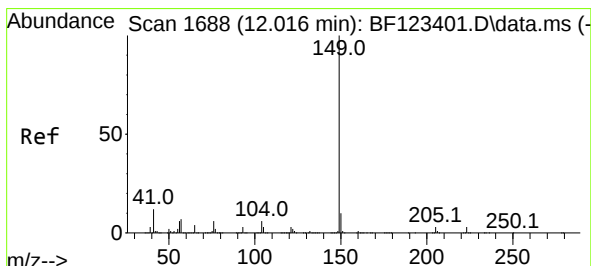
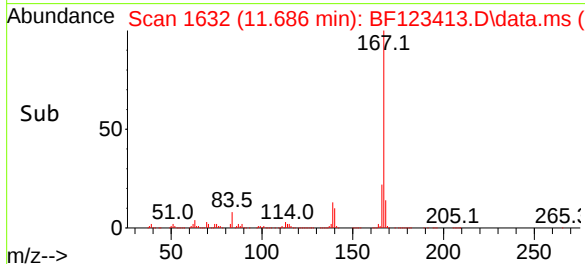
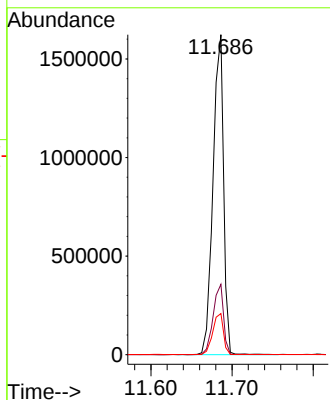
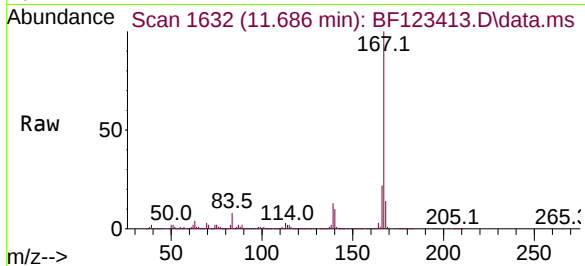




#73
Carbazole
Concen: 33.97 ng
RT: 11.686 min Scan# 1632
Delta R.T. 0.006 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

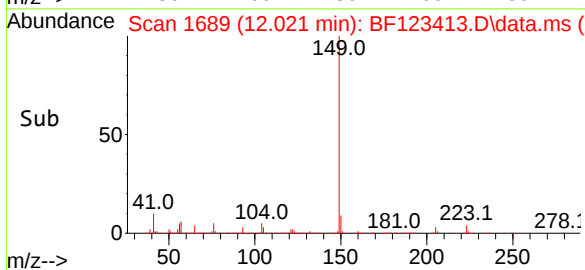
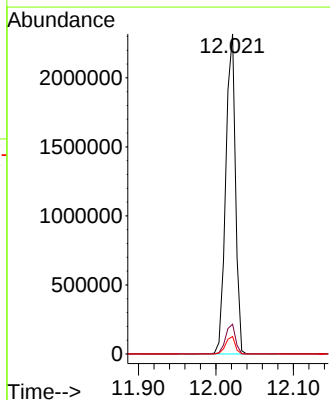
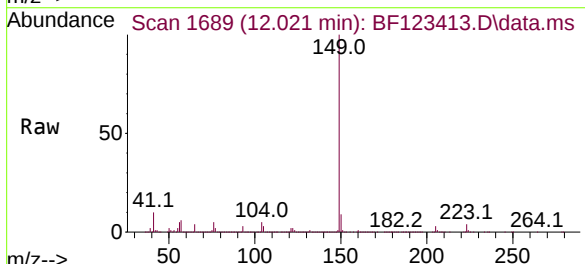
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

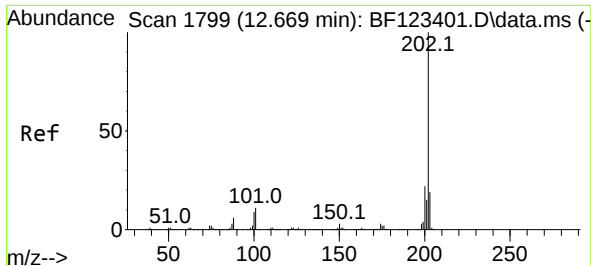
Tgt Ion:167 Resp: 1461177
Ion Ratio Lower Upper
167 100
166 22.0 18.0 27.0
139 12.8 10.9 16.3



#74
Di-n-butylphthalate
Concen: 41.32 ng
RT: 12.021 min Scan# 1689
Delta R.T. 0.006 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:149 Resp: 2023299
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 5.5 4.2 6.4

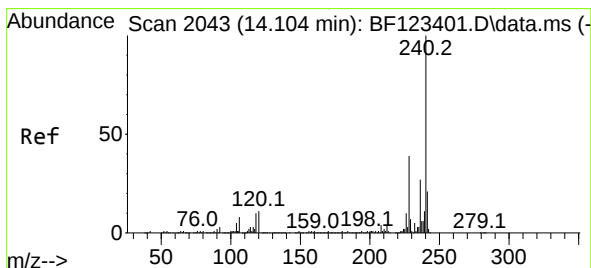
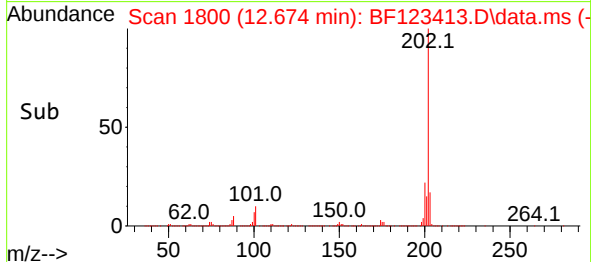
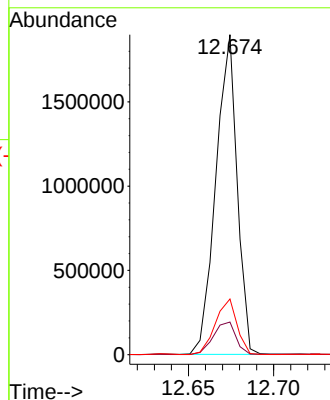
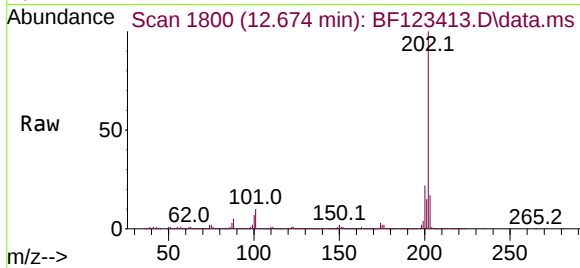




#75
Fluoranthene
Concen: 33.60 ng
RT: 12.674 min Scan# 1800
Delta R.T. 0.006 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

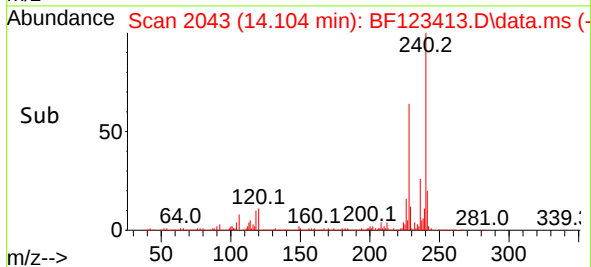
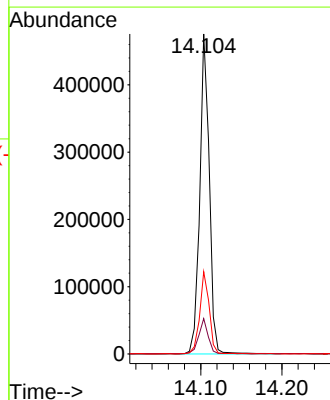
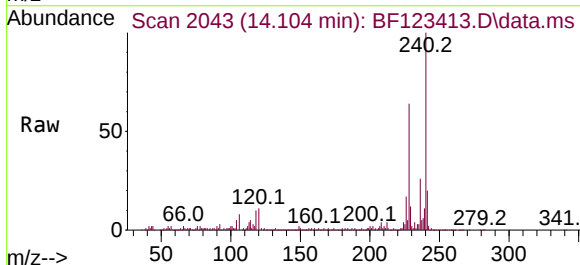
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

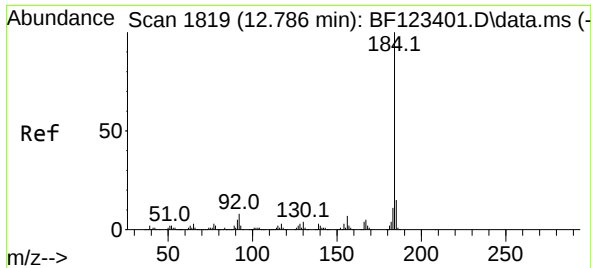
Tgt Ion:202 Resp: 1646711
Ion Ratio Lower Upper
202 100
101 10.2 0.0 32.2
203 17.4 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:240 Resp: 389263
Ion Ratio Lower Upper
240 100
120 11.1 8.6 12.8
236 25.7 20.3 30.5

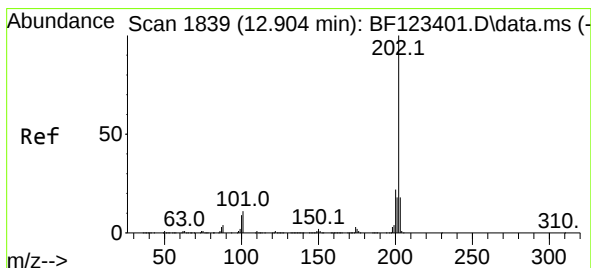
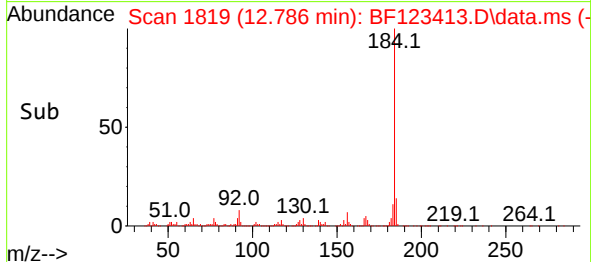
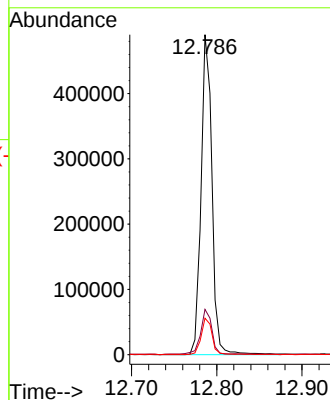
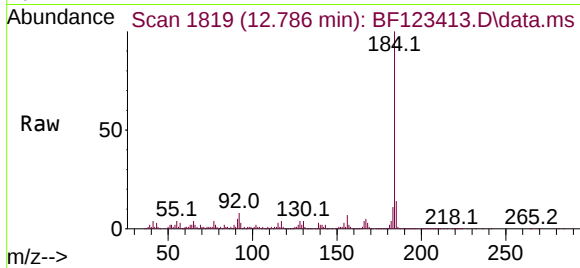




#77
Benzidine
Concen: 37.61 ng
RT: 12.786 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

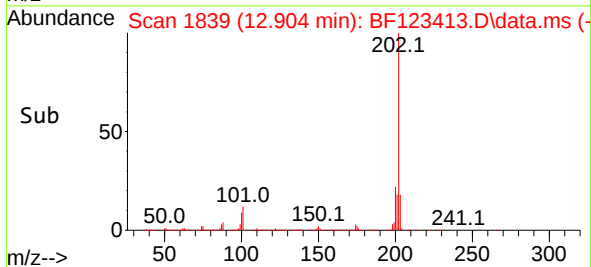
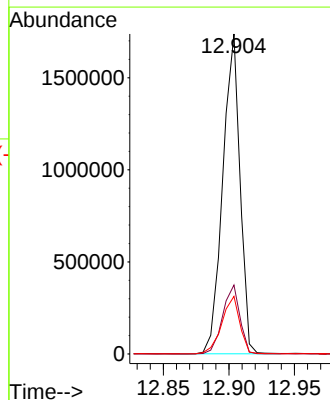
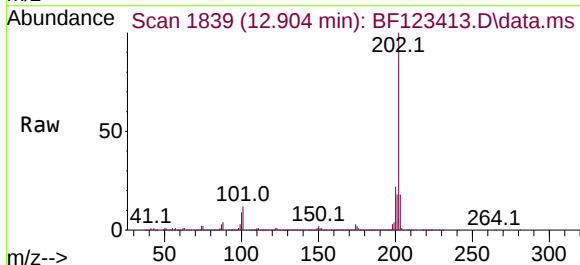
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

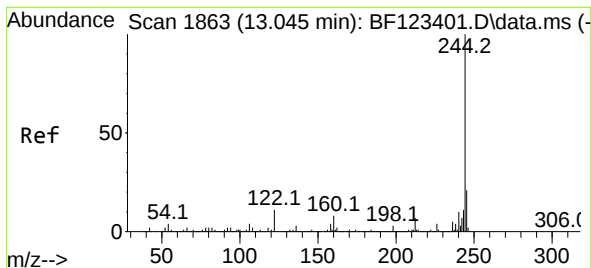
Tgt Ion:184 Resp: 436064
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.6
183 11.4 9.7 14.5



#78
Pyrene
Concen: 47.23 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:202 Resp: 1585871
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 18.0 14.6 21.8



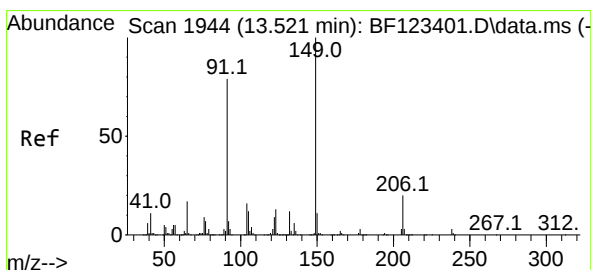
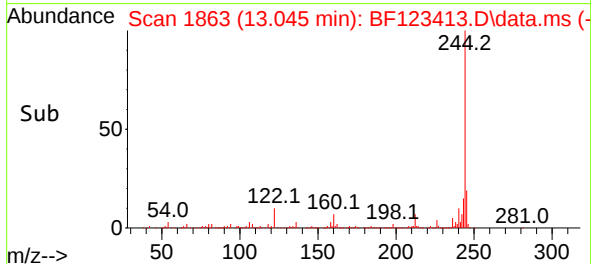
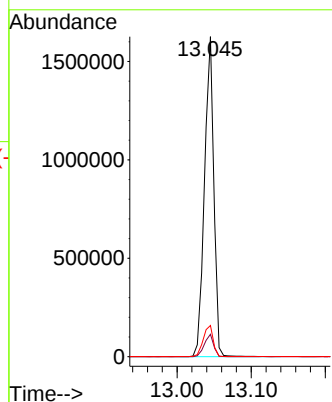
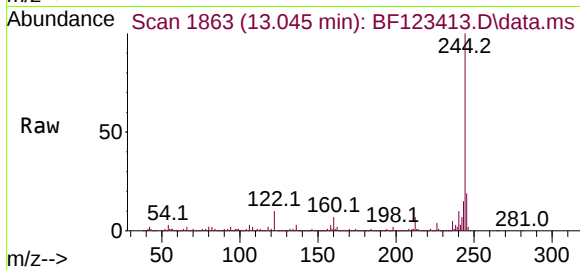


#79
 Terphenyl-d14
 Concen: 62.04 ng
 RT: 13.045 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: BF123413.D
 Acq: 23 Mar 2021 20:26

Instrument :
 BNA_F
 ClientSampleId :
 SP-MANHOLES

Tgt Ion:244 Resp: 1424972

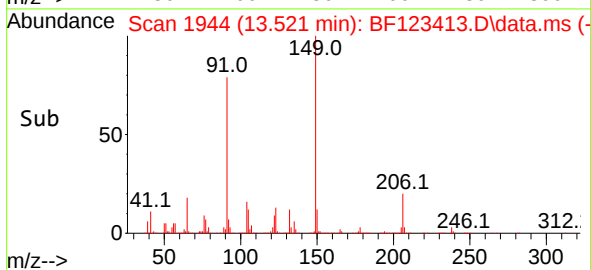
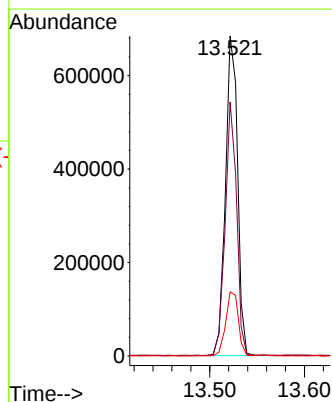
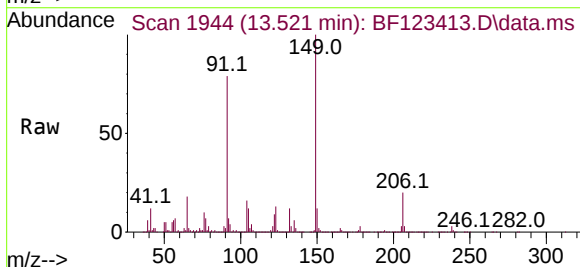
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	9.8	8.3	12.5

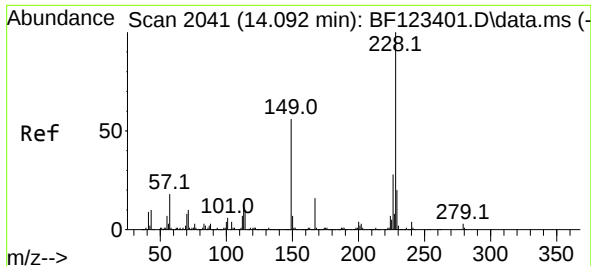


#80
 Butylbenzylphthalate
 Concen: 49.15 ng
 RT: 13.521 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: BF123413.D
 Acq: 23 Mar 2021 20:26

Tgt Ion:149 Resp: 612170

Ion	Ratio	Lower	Upper
149	100		
91	79.4	56.5	84.7
206	20.0	17.0	25.6

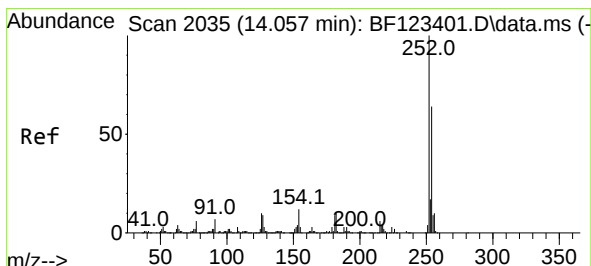
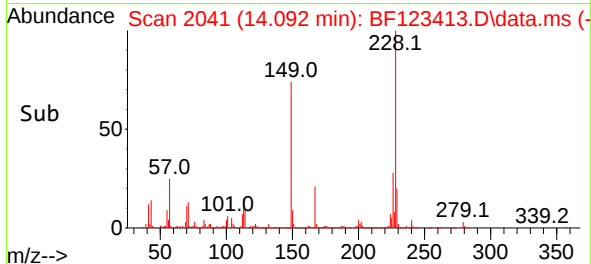
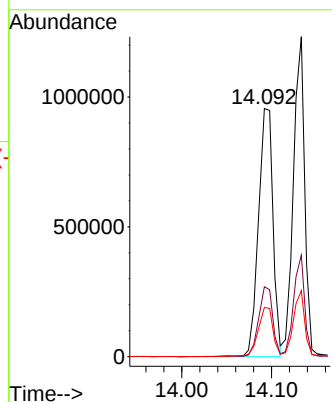
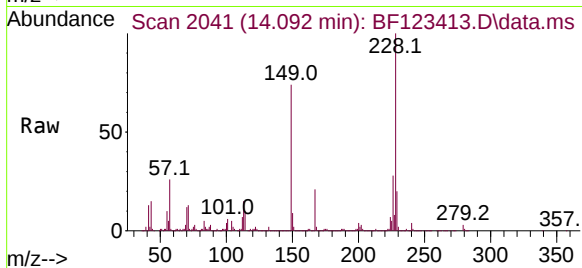




#81
Benzo(a)anthracene
Concen: 42.21 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

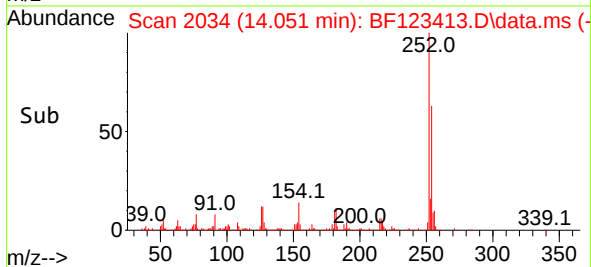
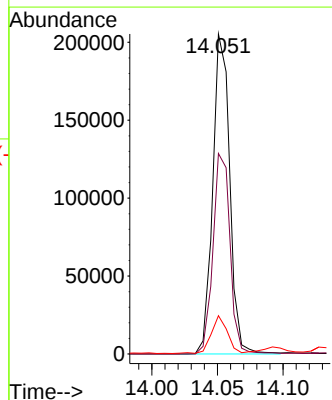
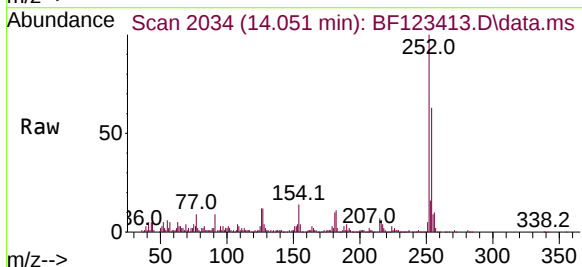
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

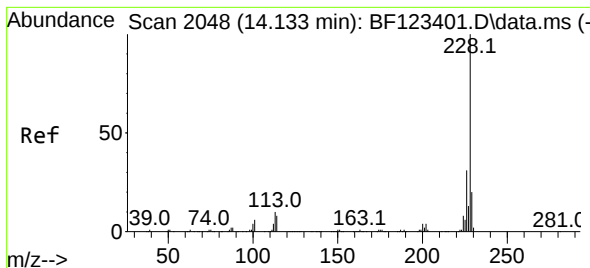
Tgt Ion:228 Resp: 1075508
Ion Ratio Lower Upper
228 100
226 28.2 23.0 34.4
229 19.8 16.6 24.8



#82
3,3'-Dichlorobenzidine
Concen: 22.26 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:252 Resp: 184475
Ion Ratio Lower Upper
252 100
254 62.7 52.7 79.1
126 11.9 8.0 12.0





#83

Chrysene

Concen: 40.91 ng

RT: 14.133 min Scan# 2048

Delta R.T. -0.000 min

Lab File: BF123413.D

Acq: 23 Mar 2021 20:26

Tgt Ion:228 Resp: 1076039

Ion Ratio Lower Upper

228 100

226 31.8 24.6 36.8

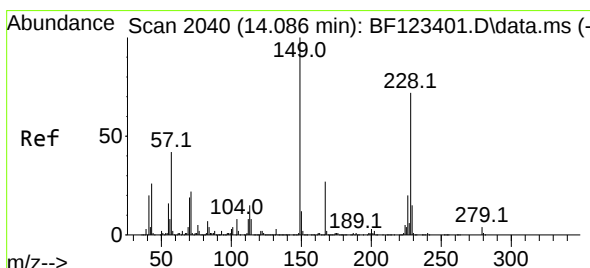
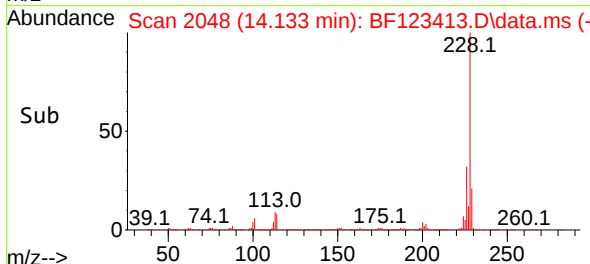
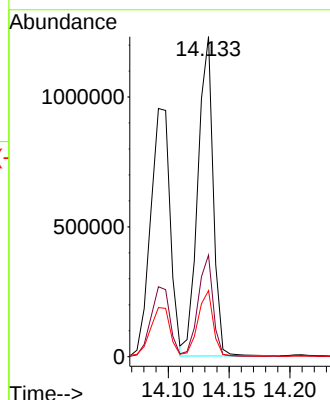
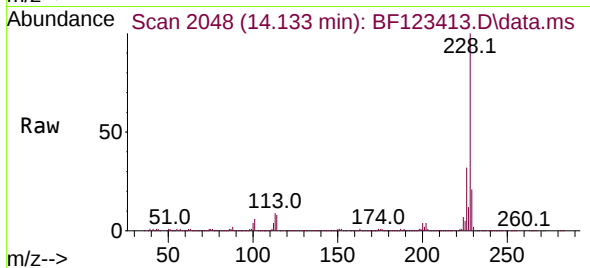
229 20.6 15.8 23.6

Instrument :

BNA_F

ClientSampleId :

SP-MANHOLES



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.01 ng

RT: 14.086 min Scan# 2040

Delta R.T. -0.000 min

Lab File: BF123413.D

Acq: 23 Mar 2021 20:26

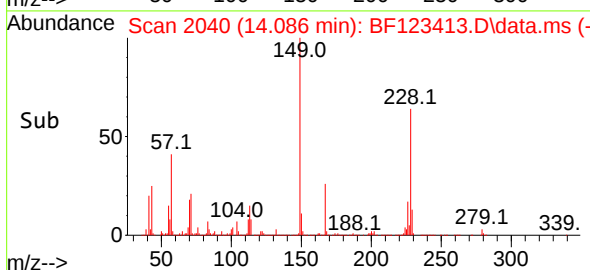
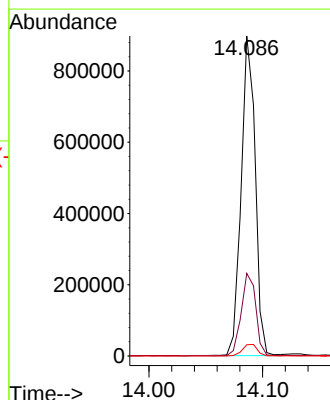
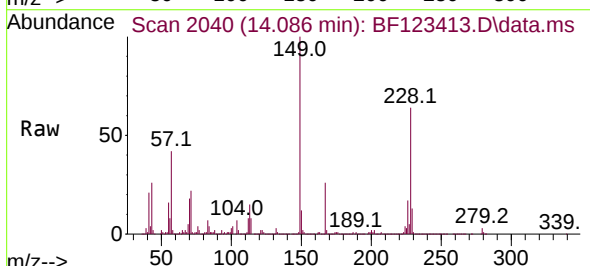
Tgt Ion:149 Resp: 770840

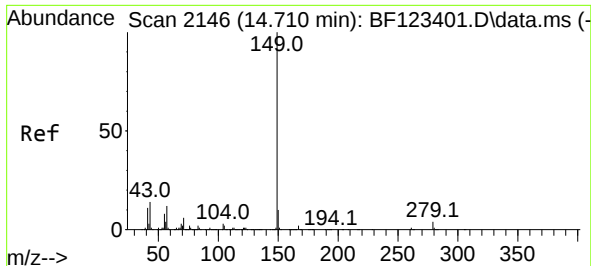
Ion Ratio Lower Upper

149 100

167 25.8 21.4 32.2

279 3.5 3.4 5.0

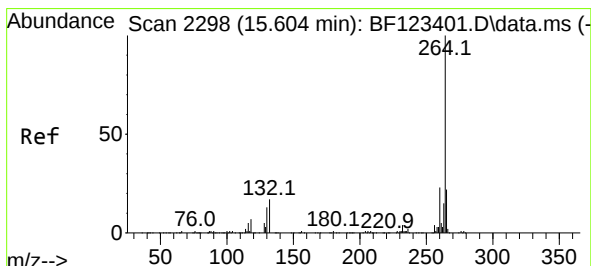
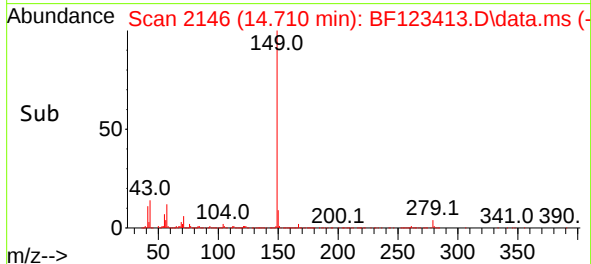
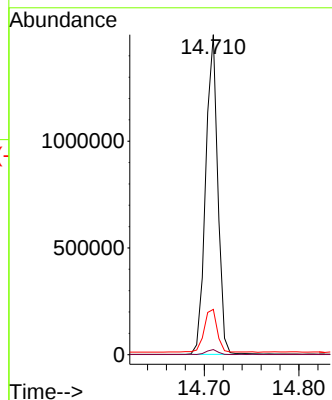
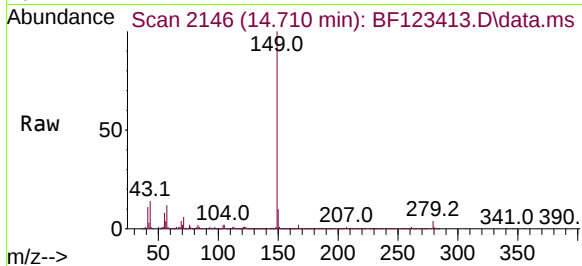




#85
Di-n-octyl phthalate
Concen: 51.43 ng
RT: 14.710 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

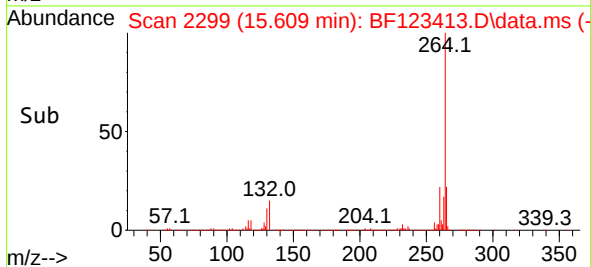
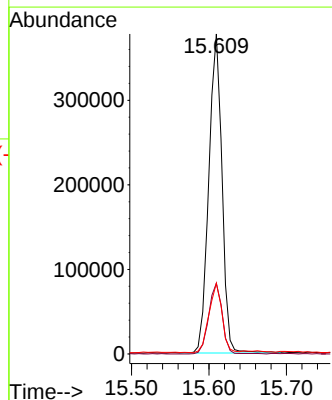
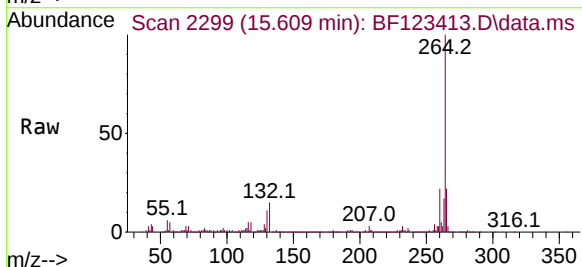
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

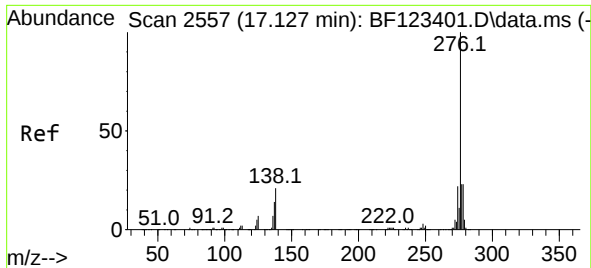
Tgt Ion:149 Resp: 1332872
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 14.6 7.6 11.4#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.609 min Scan# 2299
Delta R.T. 0.006 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:264 Resp: 447152
Ion Ratio Lower Upper
264 100
260 22.1 18.6 28.0
265 22.1 17.0 25.6

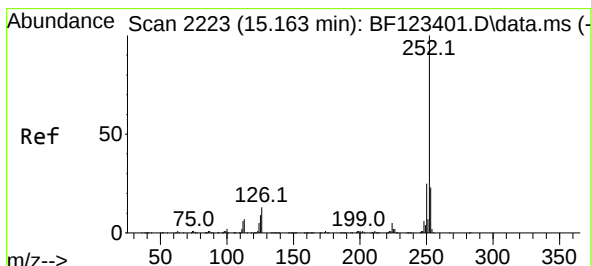
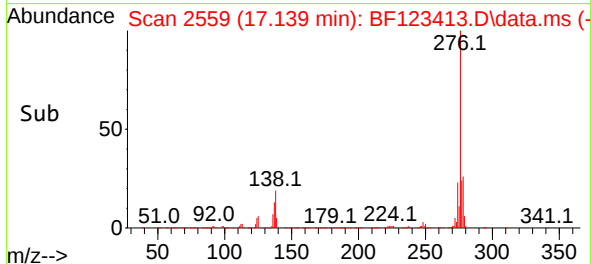
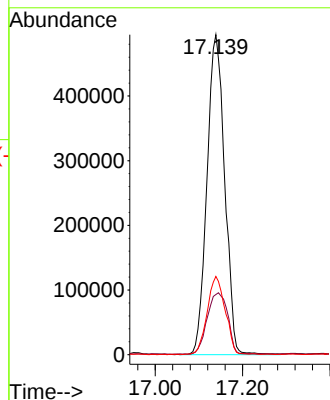
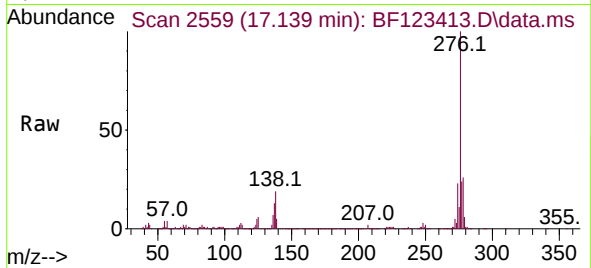




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.22 ng
 RT: 17.139 min Scan# 2559
 Delta R.T. 0.012 min
 Lab File: BF123413.D
 Acq: 23 Mar 2021 20:26

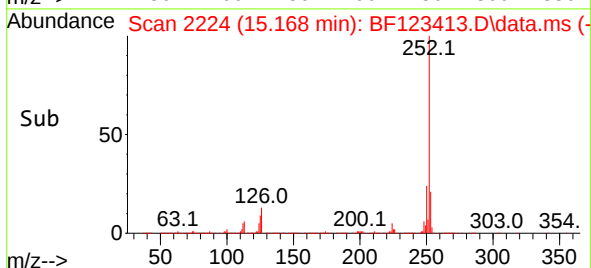
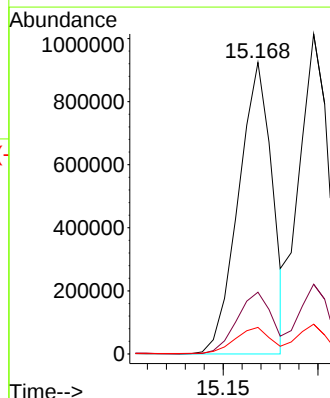
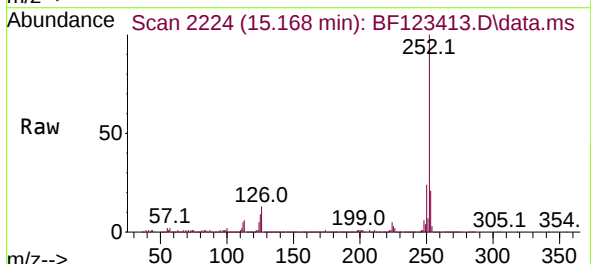
Instrument :
 BNA_F
 ClientSampleId :
 SP-MANHOLES

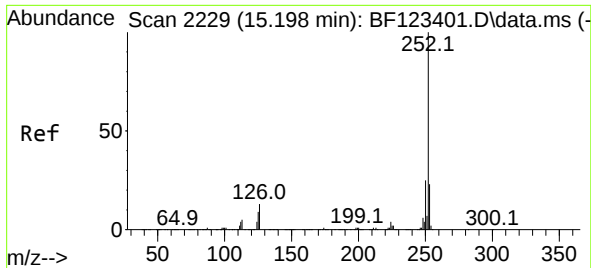
Tgt Ion:276 Resp: 1395411
 Ion Ratio Lower Upper
 276 100
 138 22.1 18.7 28.1
 277 24.6 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 37.16 ng
 RT: 15.168 min Scan# 2224
 Delta R.T. 0.006 min
 Lab File: BF123413.D
 Acq: 23 Mar 2021 20:26

Tgt Ion:252 Resp: 1146327
 Ion Ratio Lower Upper
 252 100
 253 21.2 18.3 27.5
 125 9.1 8.1 12.1

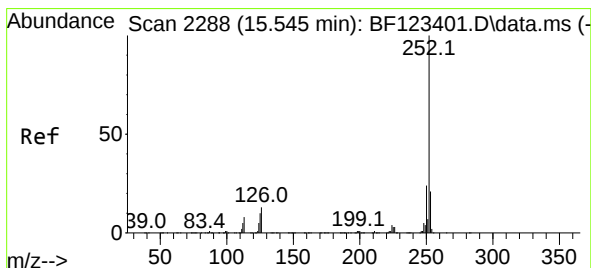
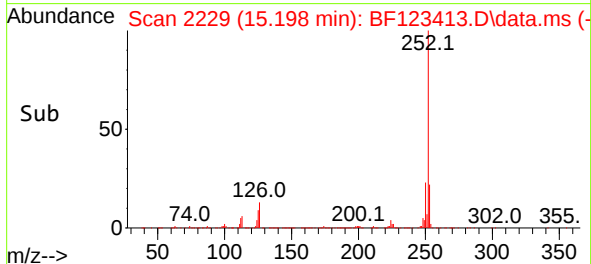
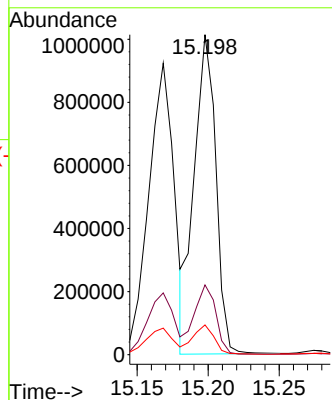
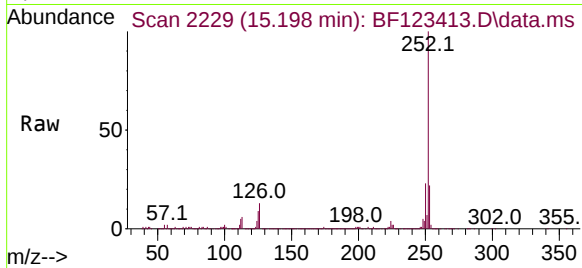




#89
Benzo(k)fluoranthene
Concen: 36.82 ng
RT: 15.198 min Scan# 2229
Delta R.T. -0.000 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

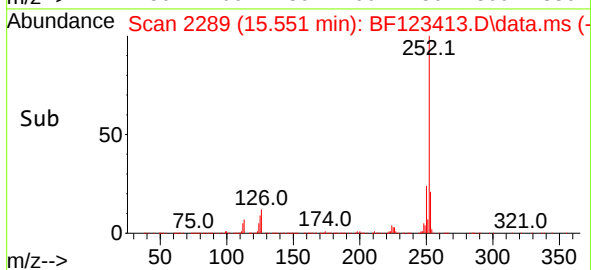
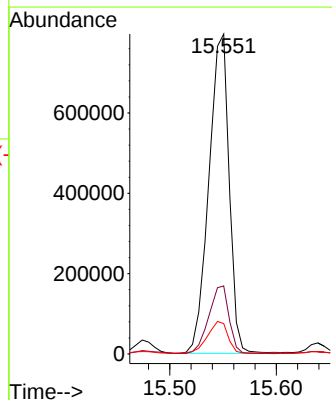
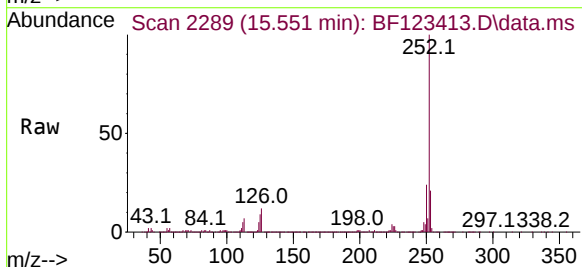
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLES

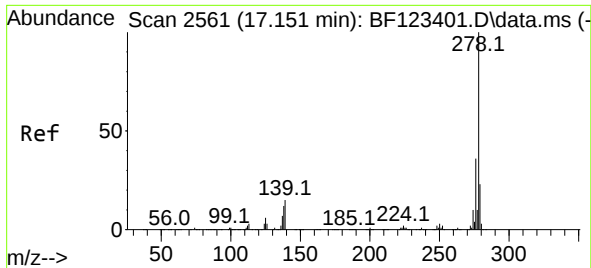
Tgt Ion:252 Resp: 1073646
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 9.3 8.4 12.6



#90
Benzo(a)pyrene
Concen: 39.66 ng
RT: 15.551 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:252 Resp: 1056039
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 9.5 8.6 12.8

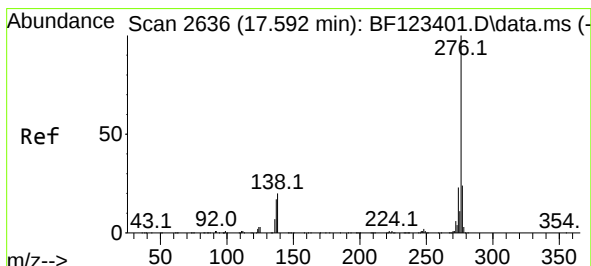
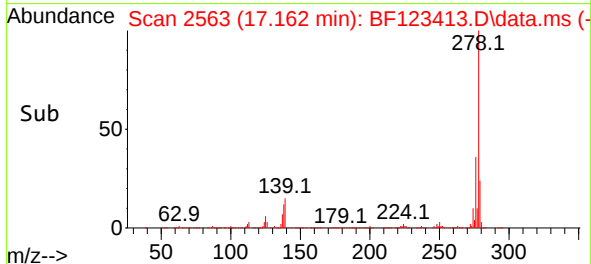
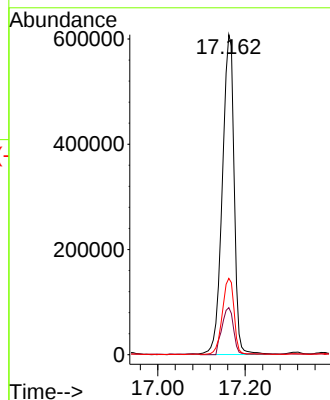
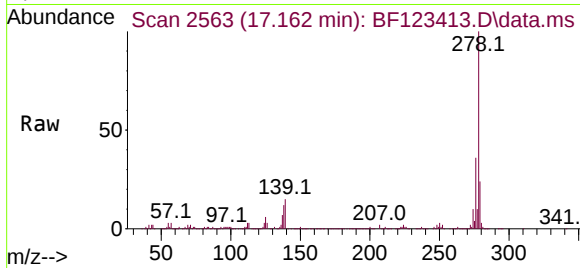




#91
Dibenzo(a,h)anthracene
Concen: 48.05 ng
RT: 17.162 min Scan# 2563
Delta R.T. 0.012 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMS

Tgt Ion:278 Resp: 1133529
Ion Ratio Lower Upper
278 100
139 14.7 12.0 18.0
279 23.8 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 49.26 ng
RT: 17.603 min Scan# 2638
Delta R.T. 0.012 min
Lab File: BF123413.D
Acq: 23 Mar 2021 20:26

Tgt Ion:276 Resp: 1163281
Ion Ratio Lower Upper
276 100
277 24.9 19.3 28.9
138 19.8 16.6 24.8

