

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
 Data File : BF126130.D
 Acq On : 11 Nov 2021 17:40
 Operator : JU/CG
 Sample : M4635-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VWE-B20-11921-0-10MSD

Quant Time: Nov 12 09:40:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	133079	20.000	ng	-0.02
21) Naphthalene-d8	8.127	136	492580	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	290810	20.000	ng	-0.01
64) Phenanthrene-d10	11.368	188	557412	20.000	ng	# 0.00
76) Chrysene-d12	14.009	240	381835	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	393788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1018281	131.401	ng	0.00
7) Phenol-d6	6.475	99	1299477	118.955	ng	-0.01
23) Nitrobenzene-d5	7.404	82	951594	91.107	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	470472	141.169	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1801153	83.698	ng	-0.01
79) Terphenyl-d14	12.951	244	2085934	88.092	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	138585	43.009	ng	# 100
3) Pyridine	3.375	79	313915	36.203	ng	95
4) n-Nitrosodimethylamine	3.316	42	261778	43.053	ng	# 82
6) Aniline	6.504	93	421442	34.987	ng	# 93
8) 2-Chlorophenol	6.628	128	401091	48.437	ng	82
9) Benzaldehyde	6.392	77	278909	46.437	ng	92
10) Phenol	6.486	94	539552	48.304	ng	79
11) bis(2-Chloroethyl)ether	6.581	93	386189	47.467	ng	94
12) 1,3-Dichlorobenzene	6.786	146	450128	47.729	ng	95
13) 1,4-Dichlorobenzene	6.863	146	463231	48.169	ng	98
14) 1,2-Dichlorobenzene	7.010	146	433673	46.808	ng	95
15) Benzyl Alcohol	6.986	79	423754	45.422	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.122	45	635750	42.496	ng	92
17) 2-Methylphenol	7.098	107	344792	48.926	ng	# 92
18) Hexachloroethane	7.357	117	177643	49.168	ng	# 81
19) n-Nitroso-di-n-propyla...	7.257	70	329294	45.724	ng	# 82
20) 3+4-Methylphenols	7.251	107	448109	47.033	ng	# 64
22) Acetophenone	7.251	105	622391	43.748	ng	# 82
24) Nitrobenzene	7.428	77	505511	48.866	ng	# 88
25) Isophorone	7.663	82	837548	44.538	ng	# 87
26) 2-Nitrophenol	7.739	139	209675	56.395	ng	# 64
27) 2,4-Dimethylphenol	7.780	122	353302	51.530	ng	# 80
28) bis(2-Chloroethoxy)met...	7.875	93	479054	43.200	ng	# 97
29) 2,4-Dichlorophenol	7.980	162	371741	48.034	ng	93
30) 1,2,4-Trichlorobenzene	8.069	180	434168	46.010	ng	97
31) Naphthalene	8.151	128	1177935	46.169	ng	98
32) Benzoic acid	7.904	122	218628	50.757	ng	# 74
33) 4-Chloroaniline	8.192	127	160178	15.709	ng	# 90
34) Hexachlorobutadiene	8.269	225	296916	45.709	ng	98
35) Caprolactam	8.563	113	55306	25.663	ng	# 74
36) 4-Chloro-3-methylphenol	8.680	107	419217	46.974	ng	89
37) 2-Methylnaphthalene	8.839	142	846110	48.017	ng	99
38) 1-Methylnaphthalene	8.939	142	784899	45.985	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	452667	46.447	ng	99
41) Hexachlorocyclopentadiene	8.998	237	537700	106.186	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	288876	48.948	ng	98

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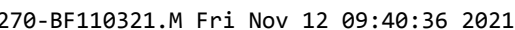
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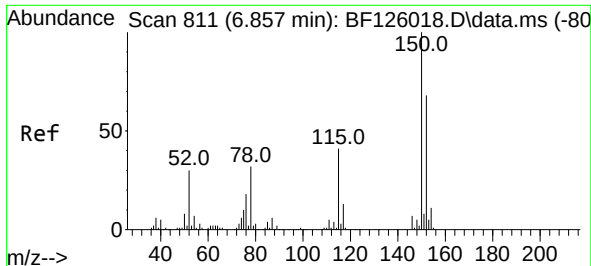
Quant Time: Nov 12 09:40:26 2021
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	310846	48.755	ng	96
46) 1,1'-Biphenyl	9.304	154	1037358	46.150	ng	99
47) 2-Chloronaphthalene	9.327	162	825711	46.670	ng	100
48) 2-Nitroaniline	9.422	65	287292	49.548	ng #	77
49) Acenaphthylene	9.745	152	1273252	47.587	ng	99
50) Dimethylphthalate	9.604	163	989784	46.749	ng	98
51) 2,6-Dinitrotoluene	9.663	165	211080	58.164	ng #	70
52) Acenaphthene	9.916	154	787322	46.653	ng	97
53) 3-Nitroaniline	9.833	138	119503	32.122	ng #	74
54) 2,4-Dinitrophenol	9.939	184	212071	99.650	ng #	85
55) Dibenzofuran	10.092	168	1154314	45.437	ng	97
56) 4-Nitrophenol	9.998	139	317724	108.211	ng #	55
57) 2,4-Dinitrotoluene	10.069	165	292143	55.364	ng #	88
58) Fluorene	10.433	166	944904	46.329	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	262235	48.572	ng #	88
60) Diethylphthalate	10.304	149	968418	45.611	ng	100
61) 4-Chlorophenyl-phenyle...	10.421	204	491920	45.099	ng	91
62) 4-Nitroaniline	10.445	138	202397	52.161	ng	86
63) Azobenzene	10.580	77	982359	42.610	ng	90
65) 4,6-Dinitro-2-methylph...	10.480	198	148528	54.069	ng	80
66) n-Nitrosodiphenylamine	10.545	169	798703	44.995	ng	96
67) 4-Bromophenyl-phenylether	10.910	248	304707	45.131	ng	92
68) Hexachlorobenzene	10.980	284	339746	48.171	ng #	88
69) Atrazine	11.068	200	306257	48.777	ng	90
70) Pentachlorophenol	11.174	266	355047	93.422	ng	93
71) Phenanthrene	11.392	178	1385652	45.839	ng	98
72) Anthracene	11.445	178	1406195	46.594	ng	98
73) Carbazole	11.598	167	1191077	42.553	ng	99
74) Di-n-butylphthalate	11.933	149	1487684	45.614	ng	99
75) Fluoranthene	12.580	202	1483701	44.077	ng	95
77) Benzidine	12.698	184	475216	37.230	ng	98
78) Pyrene	12.810	202	1484517	48.480	ng	97
80) Butylbenzylphthalate	13.427	149	533272	47.811	ng #	85
81) Benzo(a)anthracene	13.998	228	1167107	44.493	ng	100
82) 3,3'-Dichlorobenzidine	13.957	252	298006	38.931	ng #	98
83) Chrysene	14.033	228	1134858	46.496	ng	97
84) Bis(2-ethylhexyl)phtha...	13.992	149	695385	44.983	ng #	100
85) Di-n-octyl phthalate	14.604	149	1099763	50.072	ng #	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	1306888	56.070	ng #	84
88) Benzo(b)fluoranthene	15.045	252	1216650	47.499	ng #	94
89) Benzo(k)fluoranthene	15.074	252	1030091	41.458	ng	98
90) Benzo(a)pyrene	15.409	252	1099370	54.479	ng #	94
91) Dibenzo(a,h)anthracene	16.950	278	1084219	56.635	ng #	92
92) Benzo(g,h,i)perylene	17.380	276	1076269	58.620	ng #	82

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

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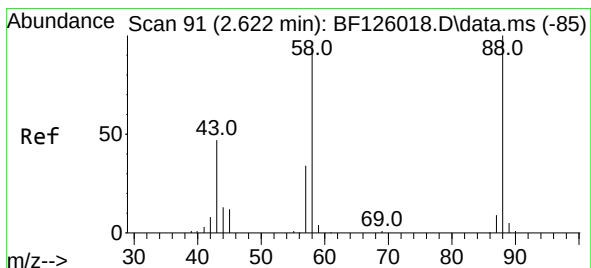
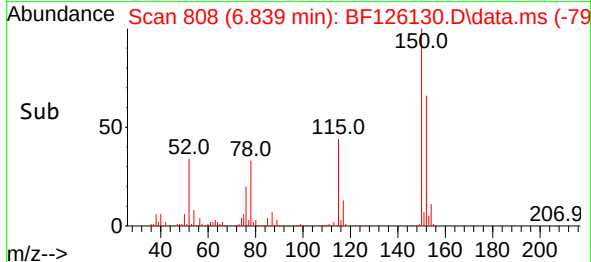
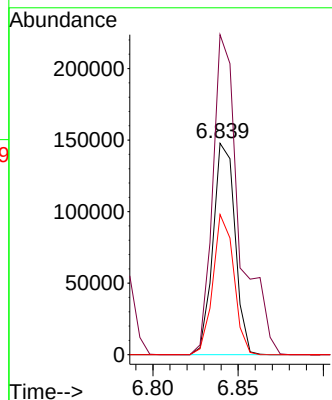
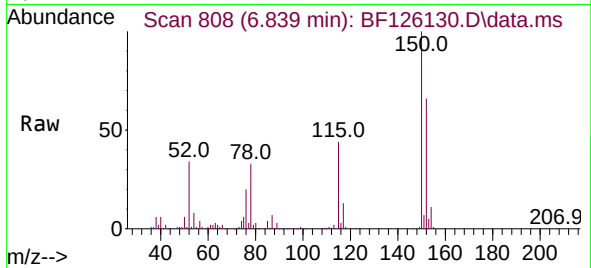




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BF126130.D
 Acq: 11 Nov 2021 17:40

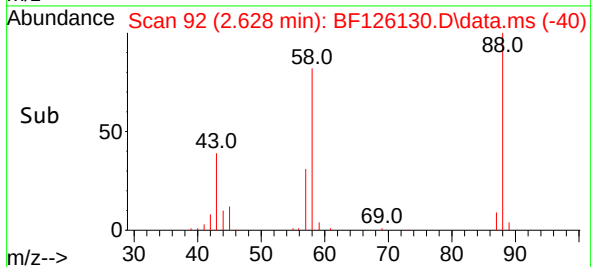
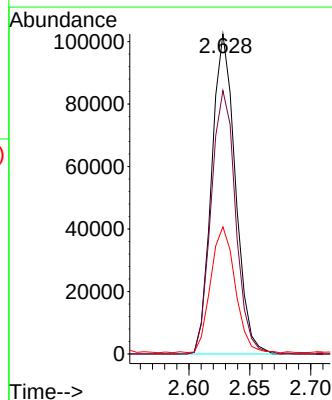
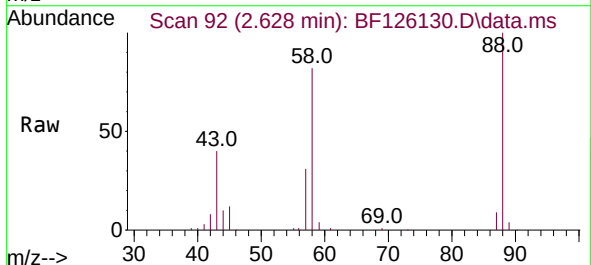
Instrument :
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 VWE-B20-11921-0-10MSD

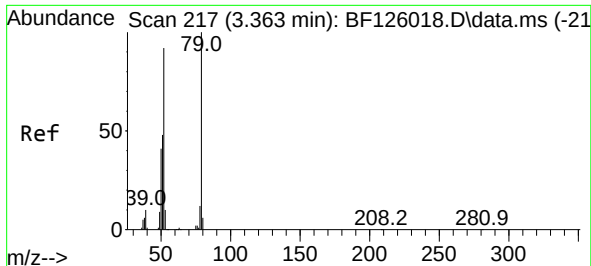
Tgt Ion:152 Resp: 133079
 Ion Ratio Lower Upper
 152 100
 150 151.4 117.6 176.4
 115 66.3 47.1 70.7



#2
 1,4-Dioxane
 Concen: 43.009 ng
 RT: 2.628 min Scan# 92
 Delta R.T. 0.006 min
 Lab File: BF126130.D
 Acq: 11 Nov 2021 17:40

Tgt Ion: 88 Resp: 138585
 Ion Ratio Lower Upper
 88 100
 58 84.9 0.0 0.0#
 43 40.7 0.0 0.0#





#3

Pyridine

Concen: 36.203 ng

RT: 3.375 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

Instrument :

BNA_F

ClientSampleId :

VWE-B20-11921-0-10MSD

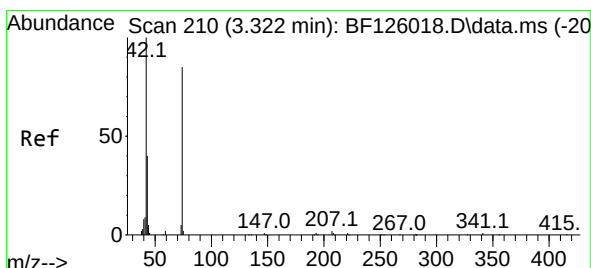
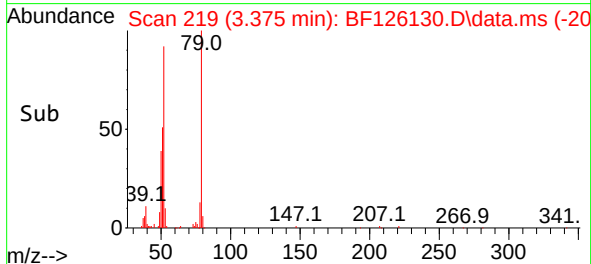
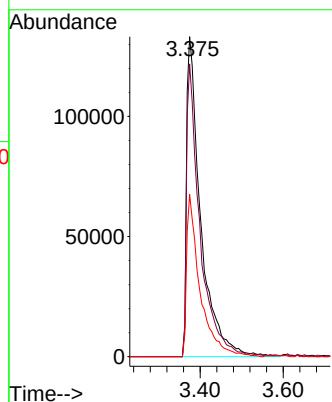
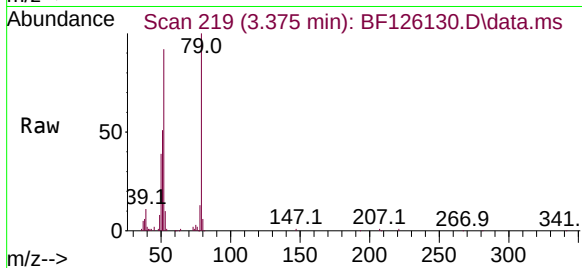
Tgt Ion: 79 Resp: 313915

Ion Ratio Lower Upper

79 100

52 91.5 70.3 105.5

51 50.7 44.1 66.1



#4

n-Nitrosodimethylamine

Concen: 43.053 ng

RT: 3.316 min Scan# 209

Delta R.T. -0.006 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

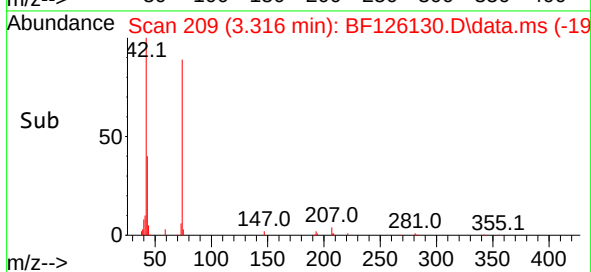
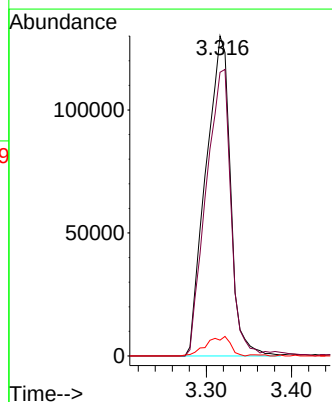
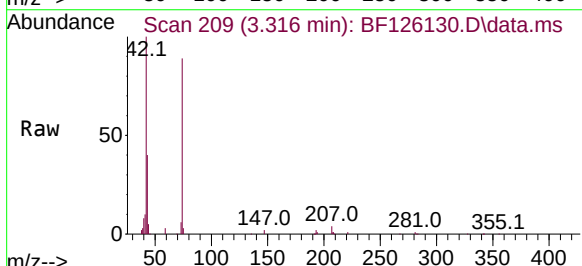
Tgt Ion: 42 Resp: 261778

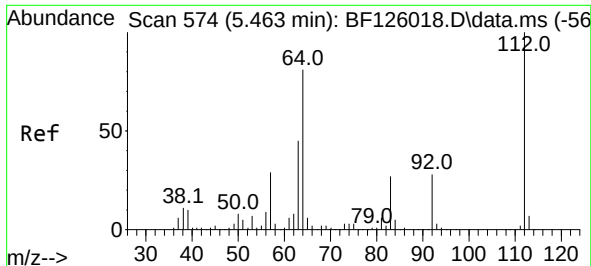
Ion Ratio Lower Upper

42 100

74 88.6 59.0 88.6#

44 5.0 0.0 0.0#

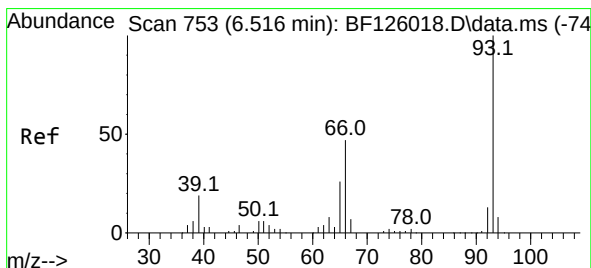
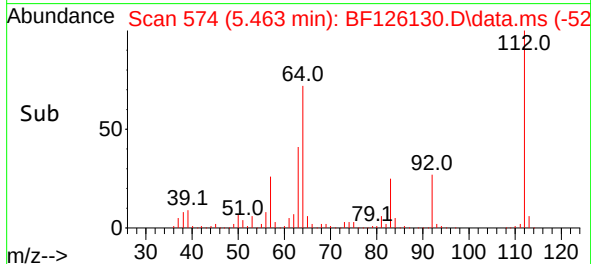
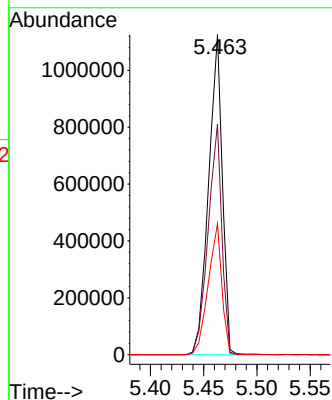
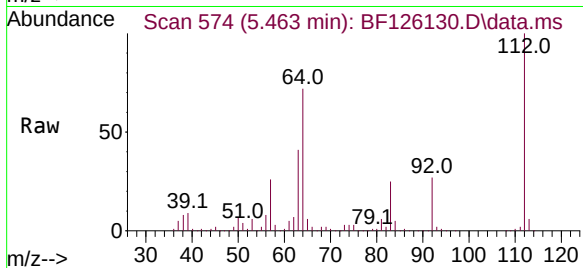




#5
2-Fluorophenol
Concen: 131.401 ng
RT: 5.463 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

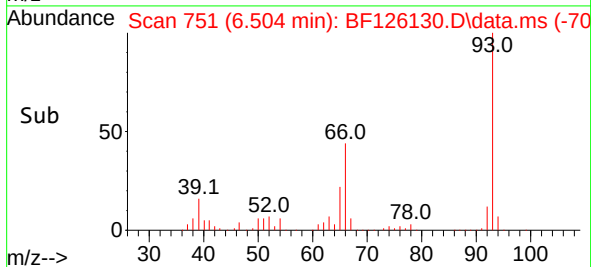
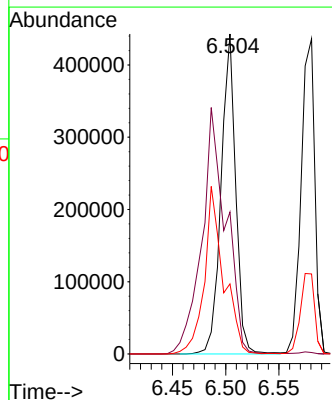
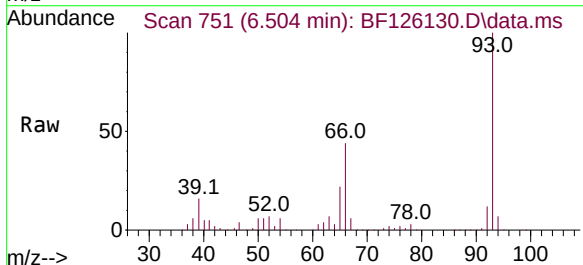
Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10MSD

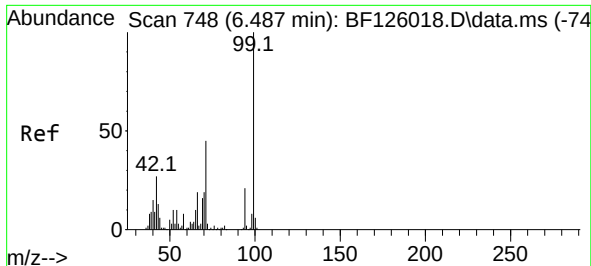
Tgt Ion:112 Resp: 1018281
Ion Ratio Lower Upper
112 100
64 72.1 44.2 66.2#
63 40.9 26.2 39.2#



#6
Aniline
Concen: 34.987 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

Tgt Ion: 93 Resp: 421442
Ion Ratio Lower Upper
93 100
66 44.4 32.7 49.1
65 21.9 14.2 21.4#



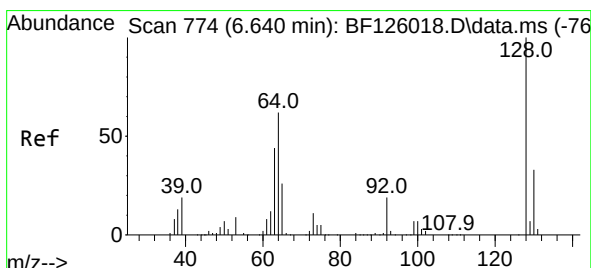
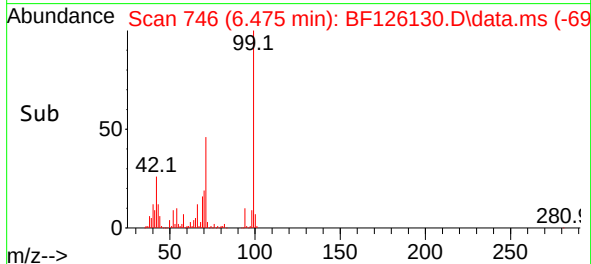
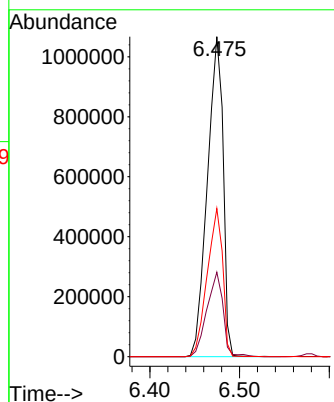
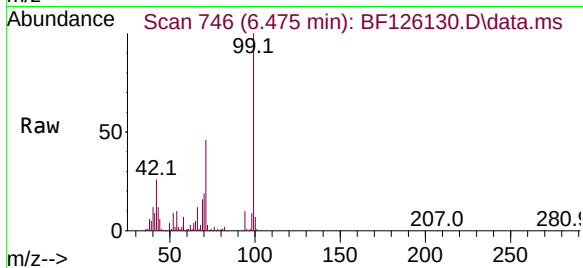


#7
Phenol-d6
Concen: 118.955 ng
RT: 6.475 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10MSD

Tgt Ion: 99 Resp: 1299477

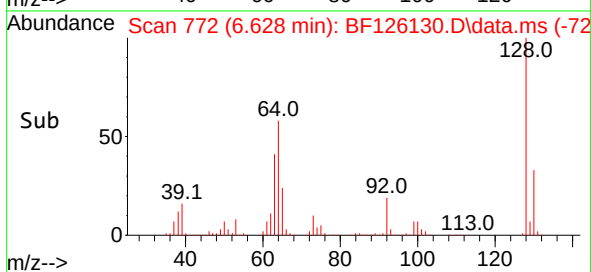
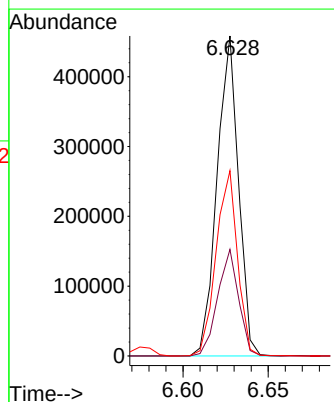
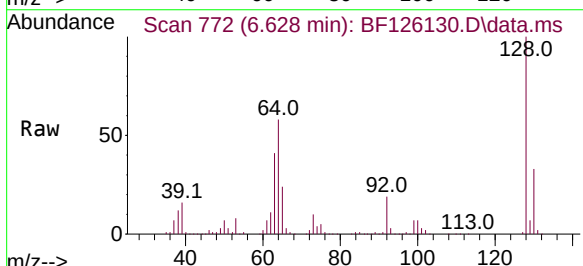
Ion	Ratio	Lower	Upper
99	100		
42	26.4	23.5	35.3
71	46.3	25.6	38.4

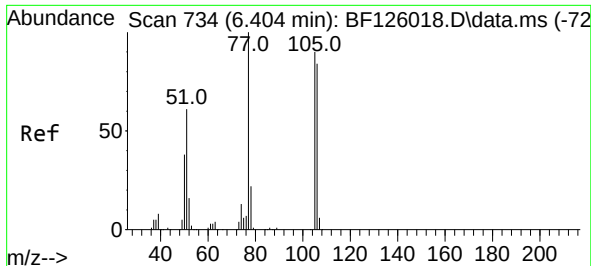


#8
2-Chlorophenol
Concen: 48.437 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.012 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

Tgt Ion: 128 Resp: 401091

Ion	Ratio	Lower	Upper
128	100		
130	33.3	10.5	50.5
64	57.9	20.3	60.3





#9

Benzaldehyde

Concen: 46.437 ng

RT: 6.392 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

Instrument :

BNA_F

ClientSampleId :

VWE-B20-11921-0-10MSD

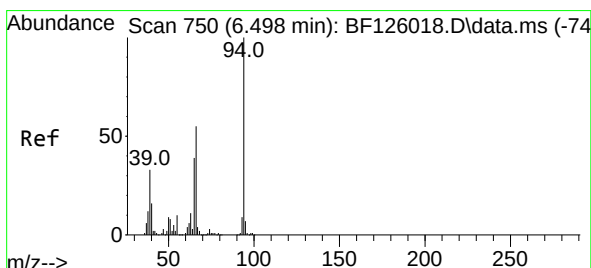
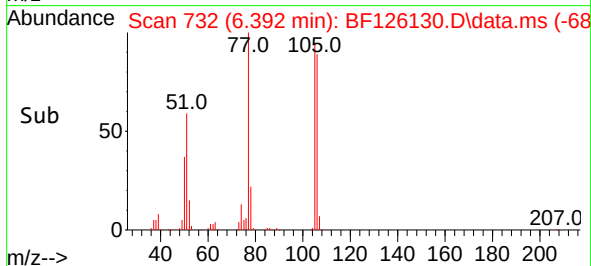
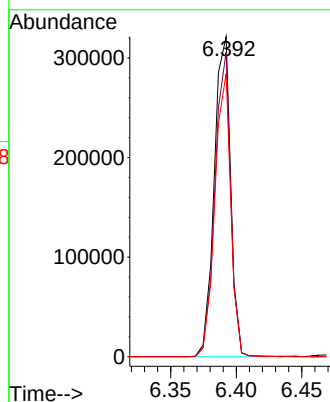
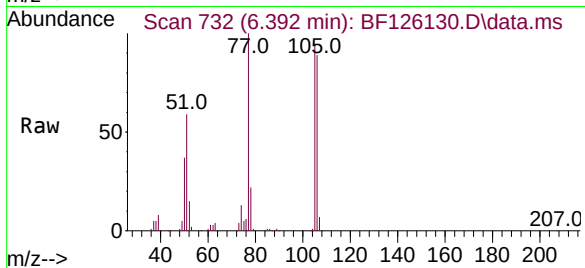
Tgt Ion: 77 Resp: 278909

Ion Ratio Lower Upper

77 100

105 95.1 75.9 115.9

106 88.5 84.0 124.0



#10

Phenol

Concen: 48.304 ng

RT: 6.486 min Scan# 748

Delta R.T. -0.012 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

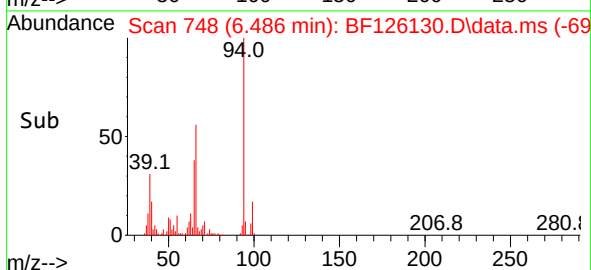
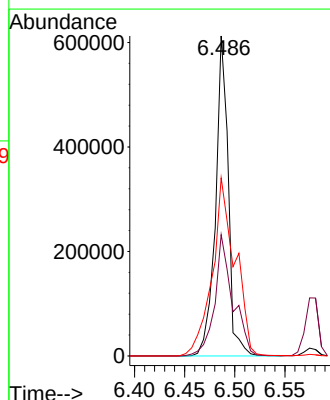
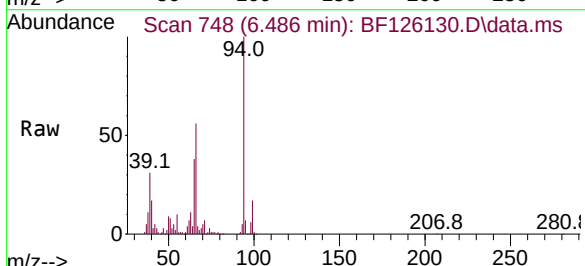
Tgt Ion: 94 Resp: 539552

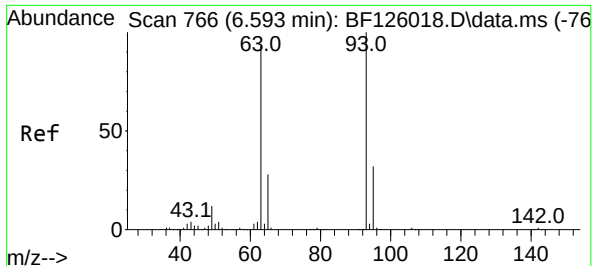
Ion Ratio Lower Upper

94 100

65 37.9 9.3 49.3

66 55.7 20.3 60.3





#11

bis(2-Chloroethyl)ether

Concen: 47.467 ng

RT: 6.581 min Scan# 70

Delta R.T. -0.012 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

Instrument :

BNA_F

ClientSampleId :

VWE-B20-11921-0-10MSD

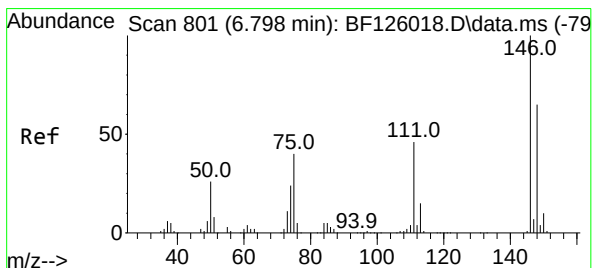
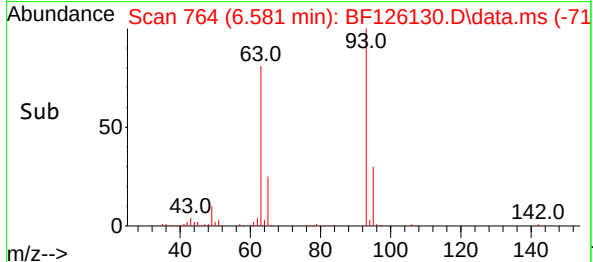
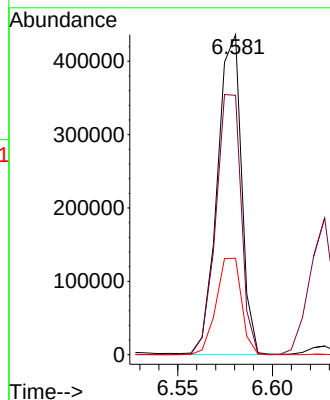
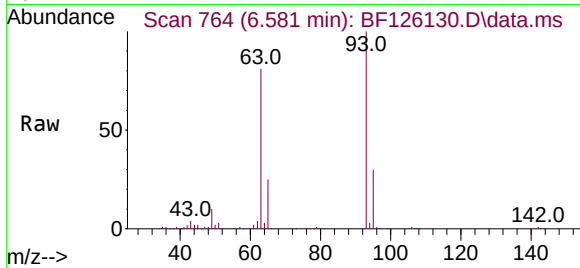
Tgt Ion: 93 Resp: 386189

Ion Ratio Lower Upper

93 100

63 81.1 54.4 94.4

95 30.1 11.4 51.4



#12

1,3-Dichlorobenzene

Concen: 47.729 ng

RT: 6.786 min Scan# 799

Delta R.T. -0.012 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

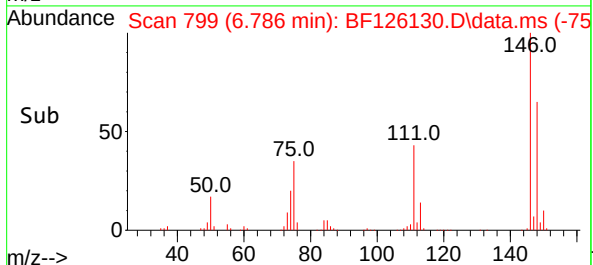
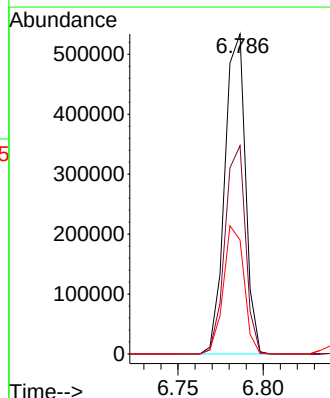
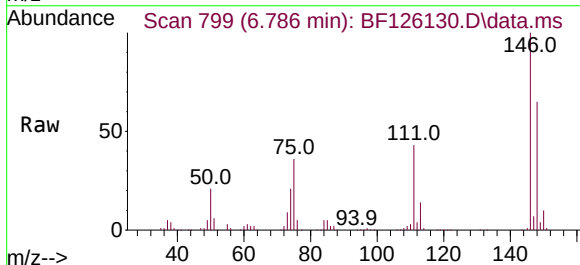
Tgt Ion:146 Resp: 450128

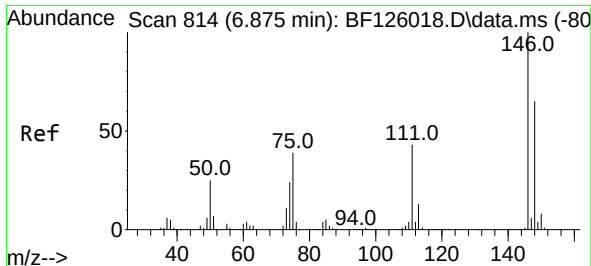
Ion Ratio Lower Upper

146 100

148 65.1 49.7 74.5

75 35.6 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 48.169 ng

RT: 6.863 min Scan# 814

Delta R.T. -0.012 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

Instrument :

BNA_F

ClientSampleId :

VWE-B20-11921-0-10MSD

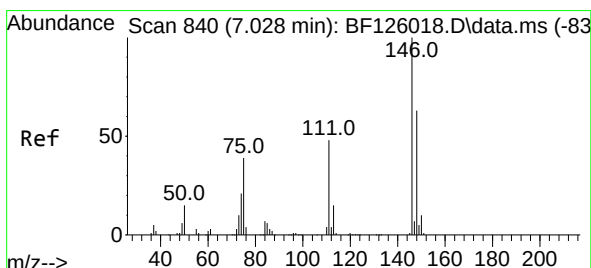
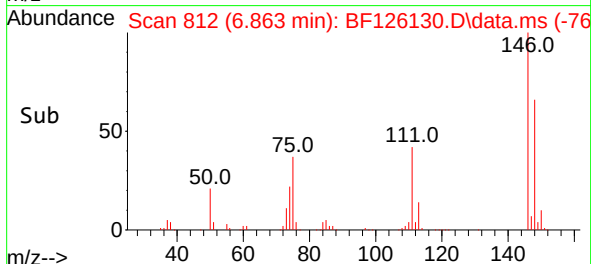
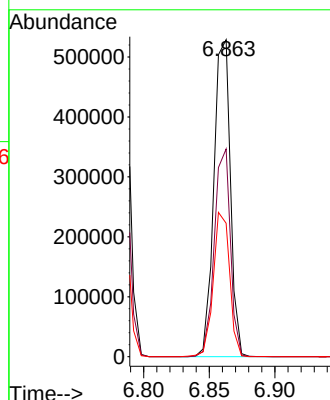
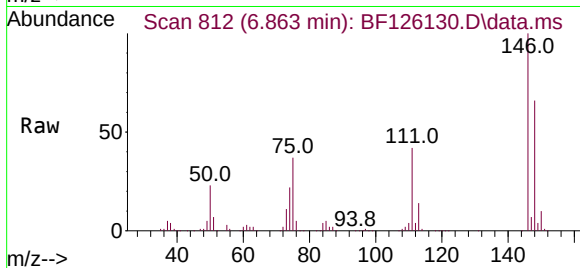
Tgt Ion:146 Resp: 463231

Ion Ratio Lower Upper

146 100

148 65.5 51.9 77.9

111 42.1 31.8 47.6



#14

1,2-Dichlorobenzene

Concen: 46.808 ng

RT: 7.010 min Scan# 837

Delta R.T. -0.018 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

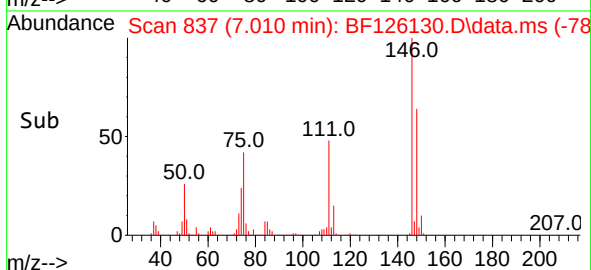
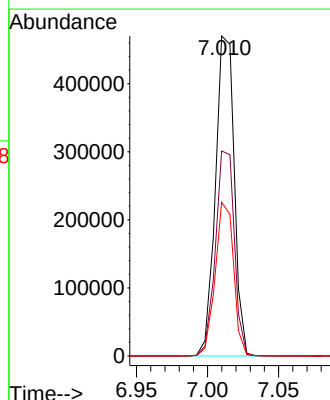
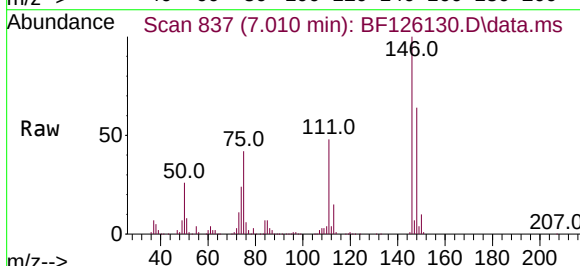
Tgt Ion:146 Resp: 433673

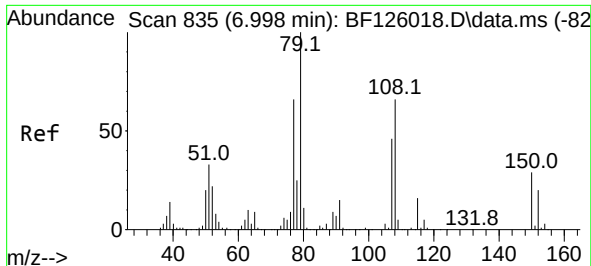
Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

111 48.0 33.5 50.3

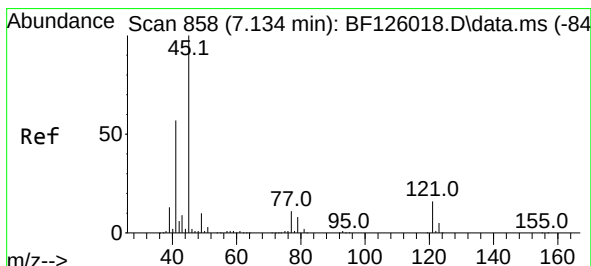
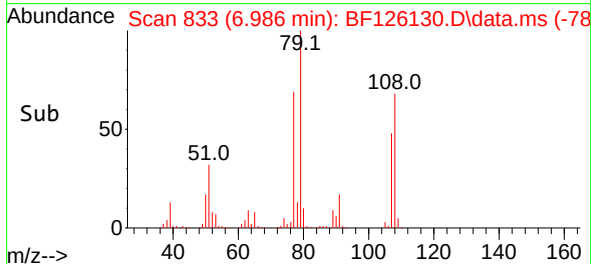
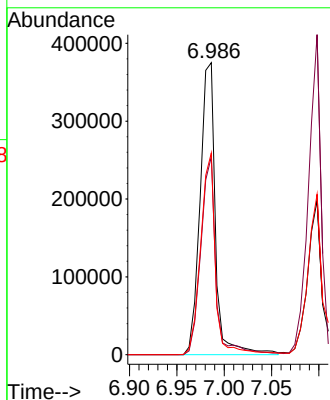
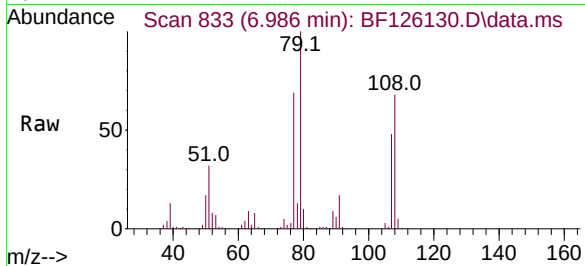




#15
Benzyl Alcohol
Concen: 45.422 ng
RT: 6.986 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

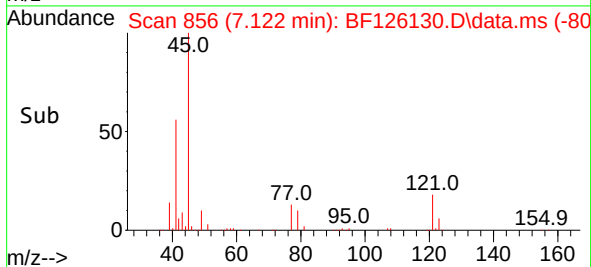
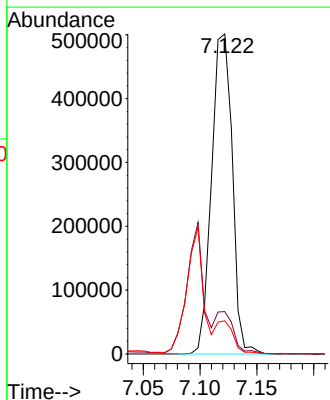
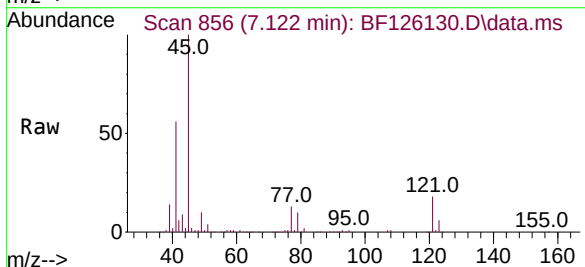
Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10MSD

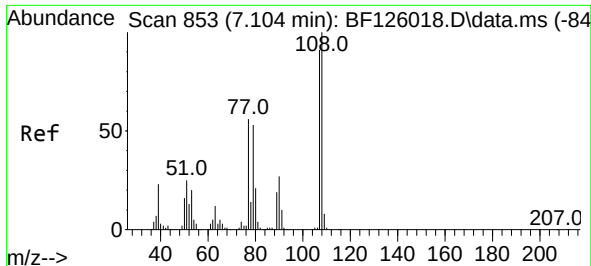
Tgt Ion: 79 Resp: 423754
Ion Ratio Lower Upper
79 100
108 67.8 60.4 90.6
77 69.1 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.496 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.012 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

Tgt Ion: 45 Resp: 635750
Ion Ratio Lower Upper
45 100
77 13.3 0.0 30.6
79 10.4 0.0 27.5

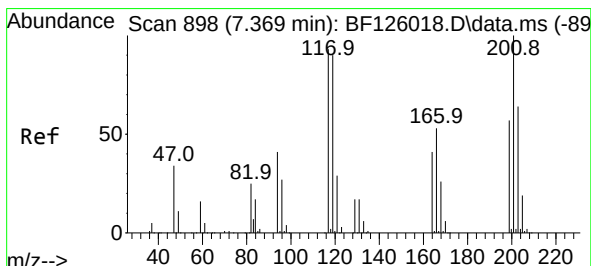
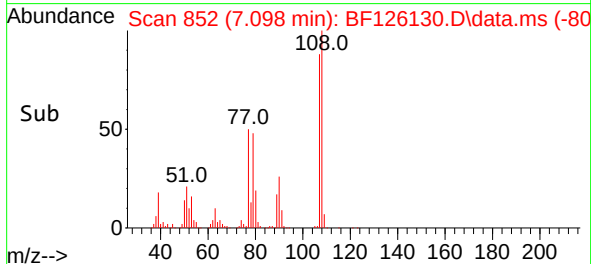
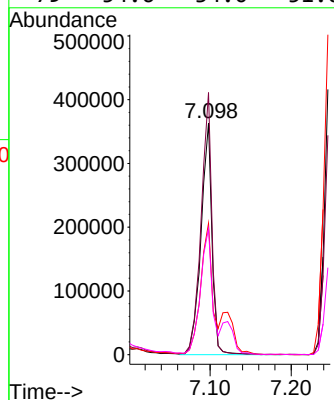
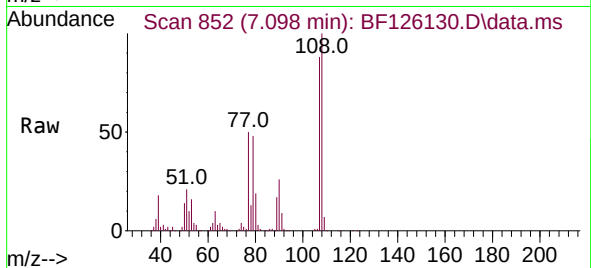




#17
2-Methylphenol
Concen: 48.926 ng
RT: 7.098 min Scan# 853
Delta R.T. -0.006 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

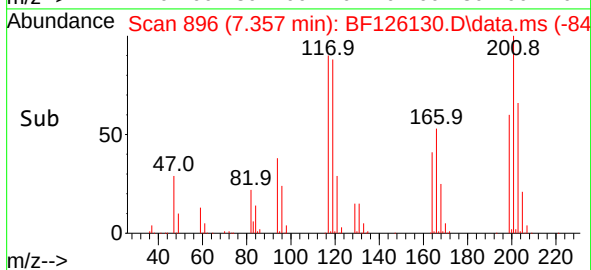
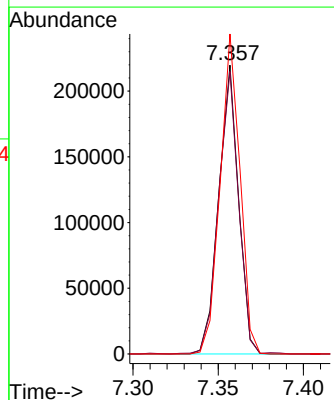
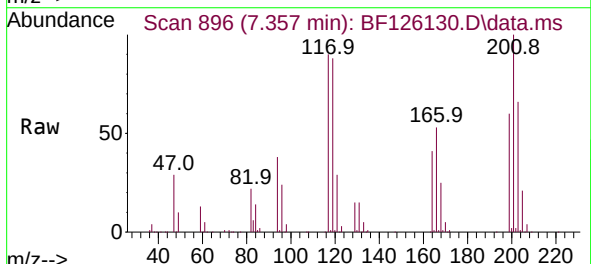
Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10MSD

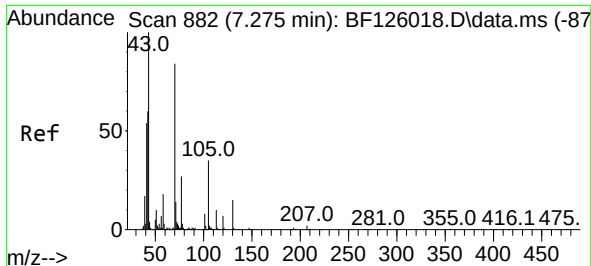
Tgt Ion:	107	Resp:	344792
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.6	135.8
77	56.7	35.7	53.5#
79	54.6	34.0	51.0#



#18
Hexachloroethane
Concen: 49.168 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

Tgt Ion:	117	Resp:	177643
Ion	Ratio	Lower	Upper
117	100		
119	97.8	73.4	110.2
201	110.8	64.9	97.3#

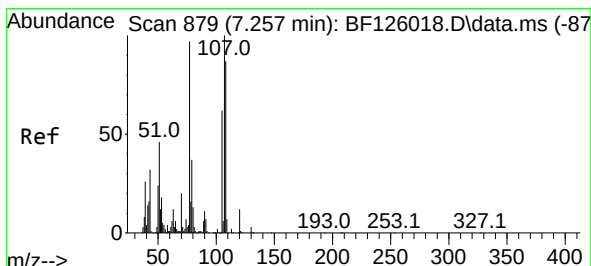
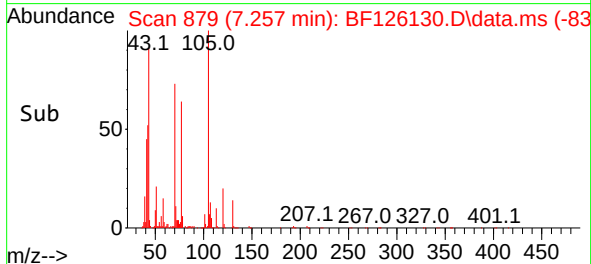
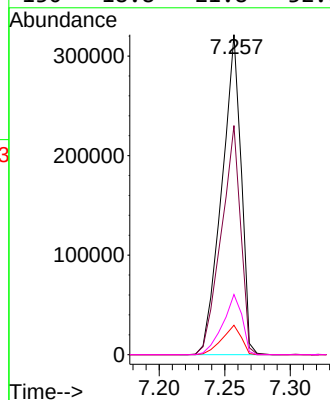
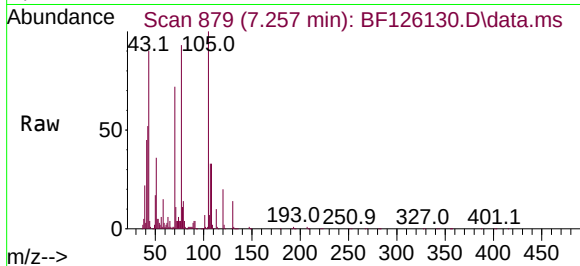




#19
n-Nitroso-di-n-propylamine
Concen: 45.724 ng
RT: 7.257 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

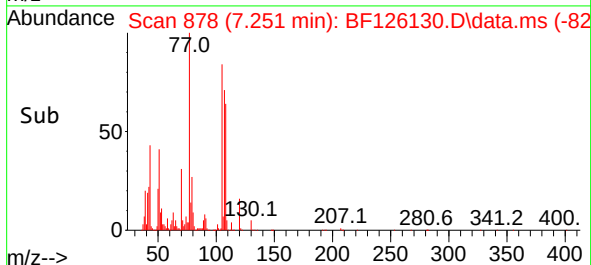
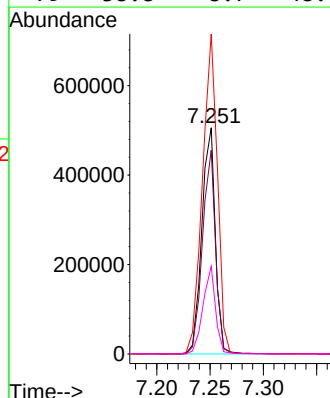
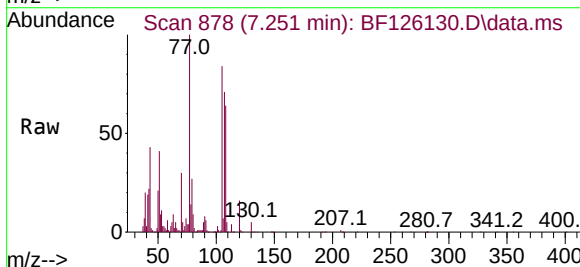
Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10MSD

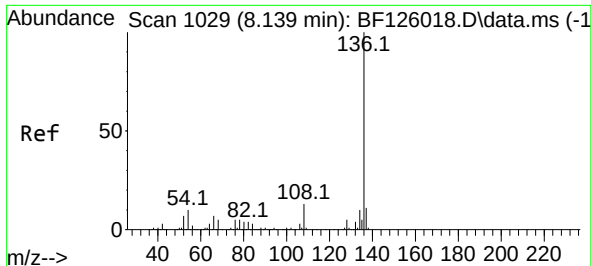
Tgt Ion: 70 Resp: 329294
Ion Ratio Lower Upper
70 100
42 71.6 72.2 108.2#
101 9.2 7.8 11.8
130 18.8 21.8 32.6#



#20
3+4-Methylphenols
Concen: 47.033 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

Tgt Ion: 107 Resp: 448109
Ion Ratio Lower Upper
107 100
108 90.2 76.6 116.6
77 141.5 53.3 93.3#
79 38.8 8.7 48.7

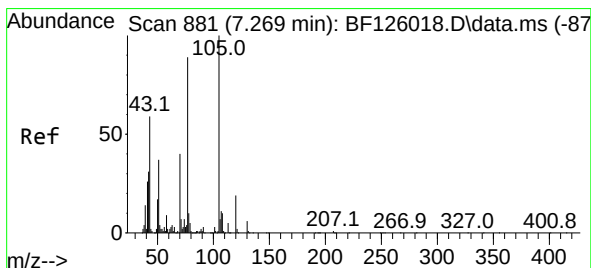
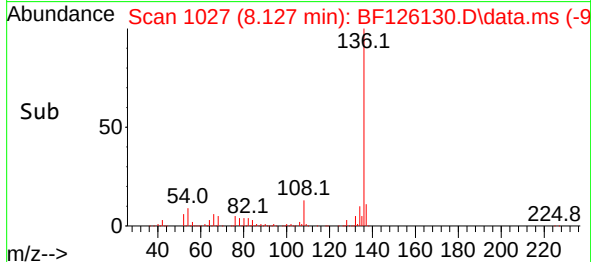
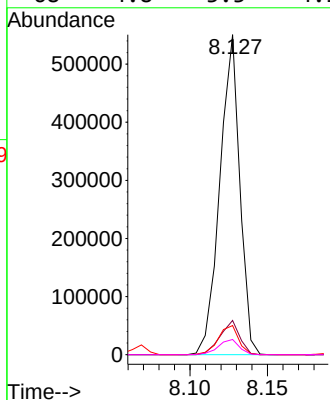
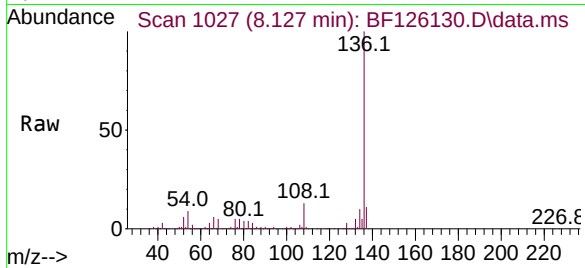




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.127 min Scan# 1027
Delta R.T. -0.012 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

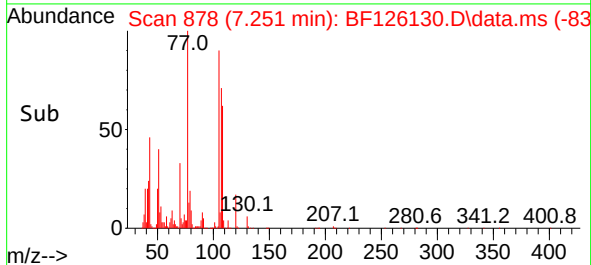
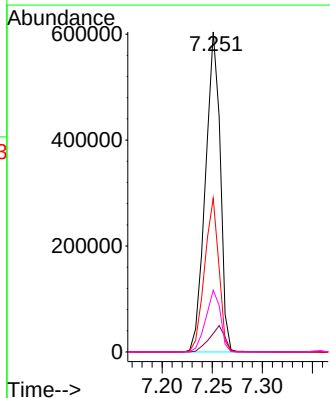
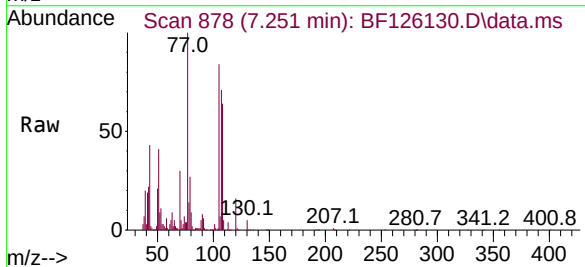
Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10MSD

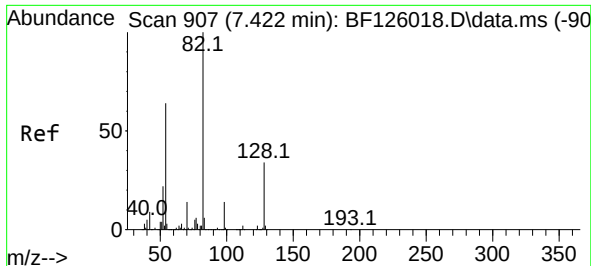
Tgt Ion:136	Resp: 492580
Ion Ratio	Lower Upper
136 100	
137 10.7	9.8 14.6
54 9.1	6.4 9.6
68 4.8	3.3 4.9



#22
Acetophenone
Concen: 43.748 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.018 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

Tgt	Ion:105	Resp:	622391
Ion	Ratio	Lower	Upper
105	100		
71	5.7	5.5	8.3
51	48.0	26.0	39.0#
120	19.3	18.5	27.7

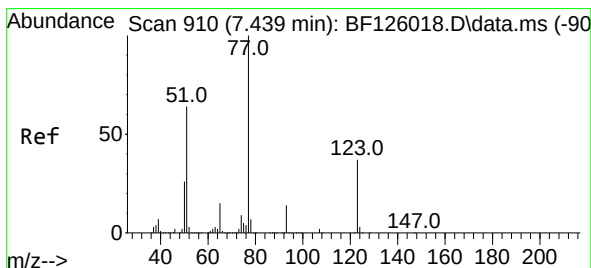
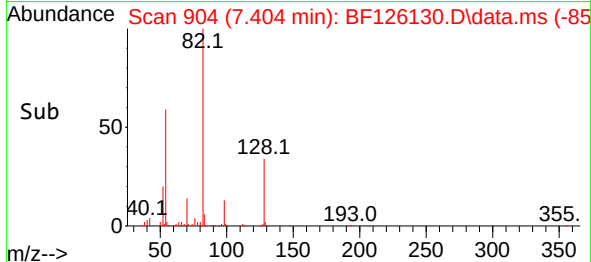
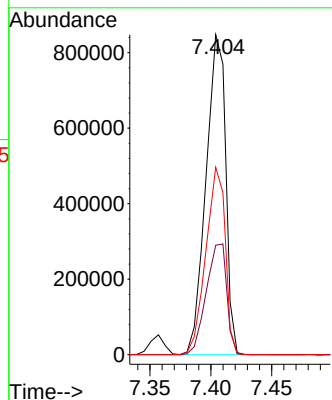
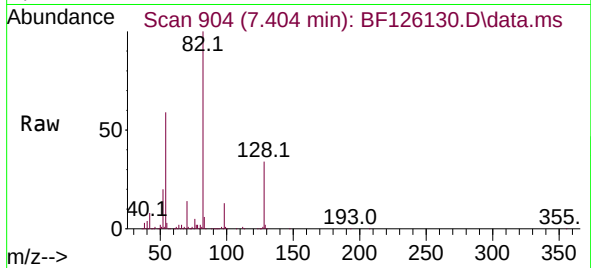




#23
Nitrobenzene-d5
Concen: 91.107 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.018 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

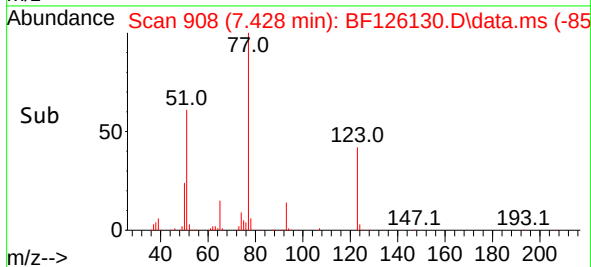
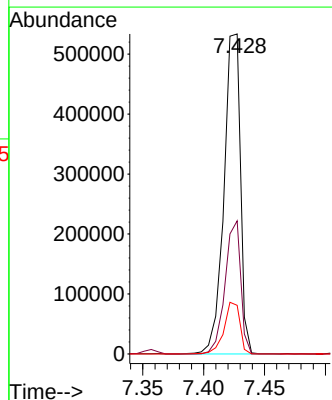
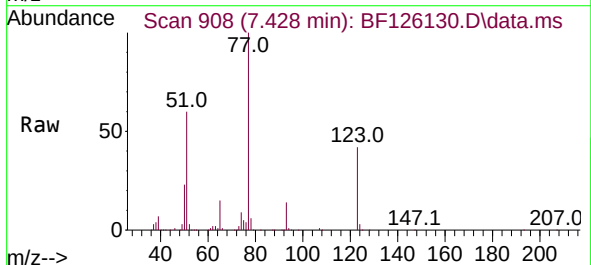
Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10MSD

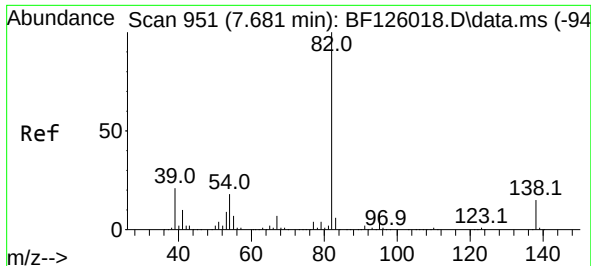
Tgt Ion: 82 Resp: 951594
Ion Ratio Lower Upper
82 100
128 34.2 40.6 60.8#
54 58.6 49.6 74.4



#24
Nitrobenzene
Concen: 48.866 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.011 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

Tgt Ion: 77 Resp: 505511
Ion Ratio Lower Upper
77 100
123 41.6 42.3 63.5#
65 15.2 12.4 18.6

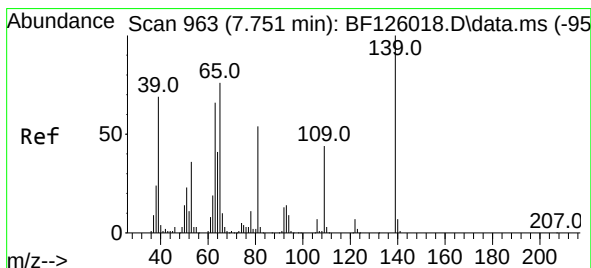
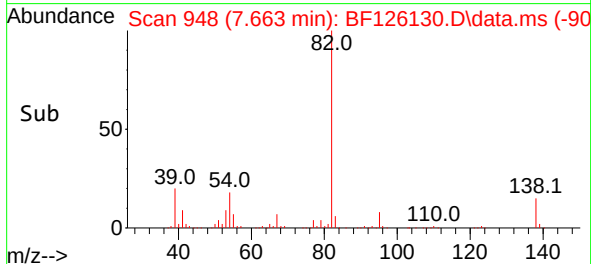
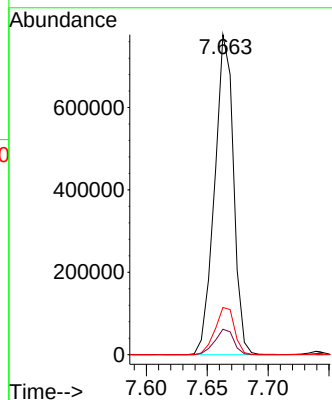
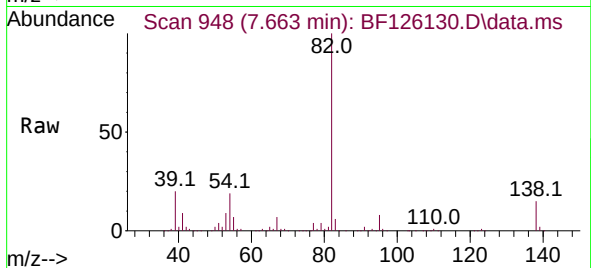




#25
Isophorone
Concen: 44.538 ng
RT: 7.663 min Scan# 94
Delta R.T. -0.018 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

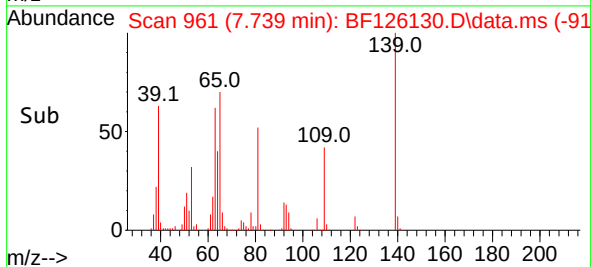
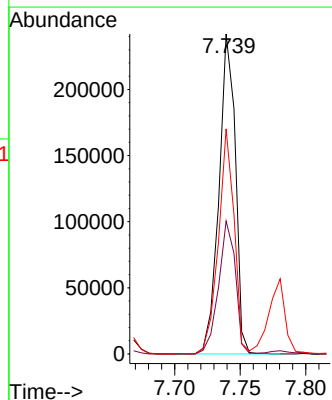
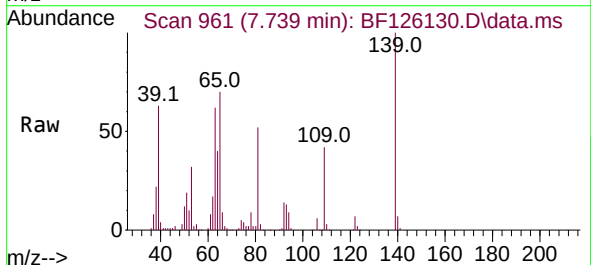
Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10MSD

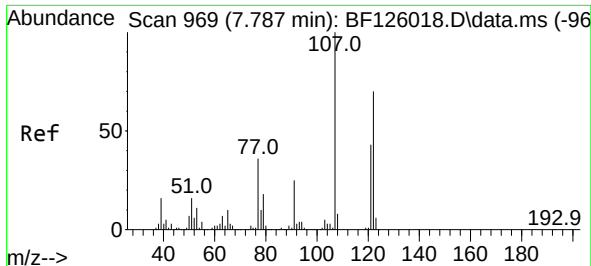
Tgt Ion: 82 Resp: 837548
Ion Ratio Lower Upper
82 100
95 7.9 6.5 9.7
138 14.8 18.4 27.6#



#26
2-Nitrophenol
Concen: 56.395 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.012 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

Tgt Ion:139 Resp: 209675
Ion Ratio Lower Upper
139 100
109 41.5 26.0 39.0#
65 70.4 31.0 46.4#





#27

2,4-Dimethylphenol

Concen: 51.530 ng

RT: 7.780 min Scan# 90

Delta R.T. -0.007 min

Lab File: BF126130.D

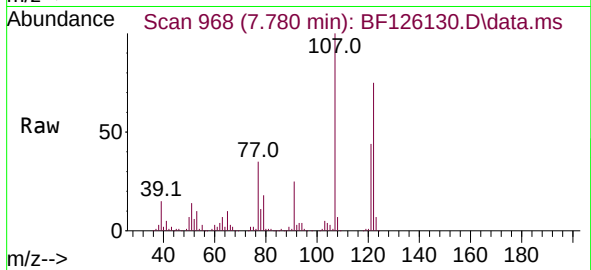
Acq: 11 Nov 2021 17:40

Instrument :

BNA_F

ClientSampleId :

VWE-B20-11921-0-10MSD



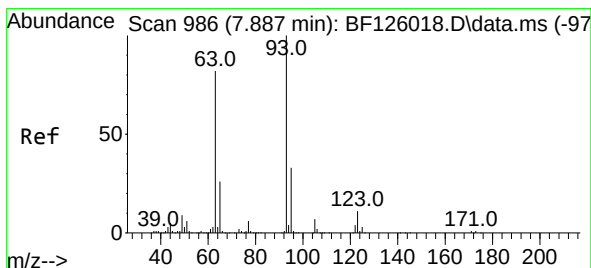
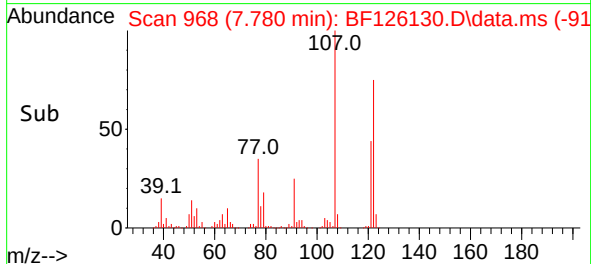
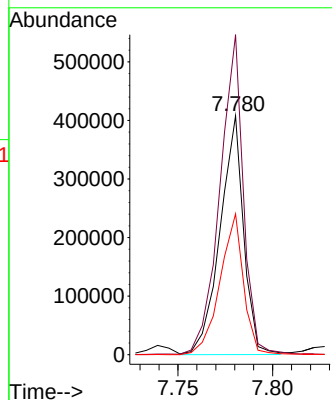
Tgt Ion:122 Resp: 353302

Ion Ratio Lower Upper

122 100

107 134.0 85.0 127.6#

121 59.0 43.3 64.9



#28

bis(2-Chloroethoxy)methane

Concen: 43.200 ng

RT: 7.875 min Scan# 984

Delta R.T. -0.012 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

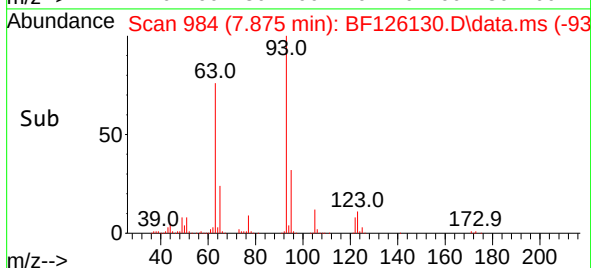
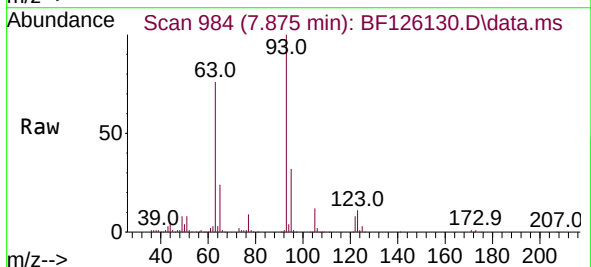
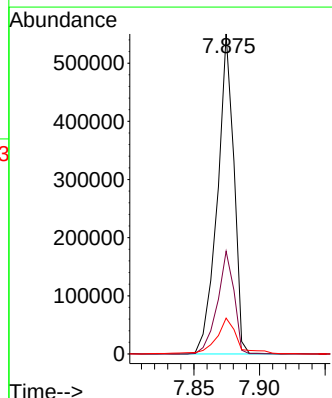
Tgt Ion: 93 Resp: 479054

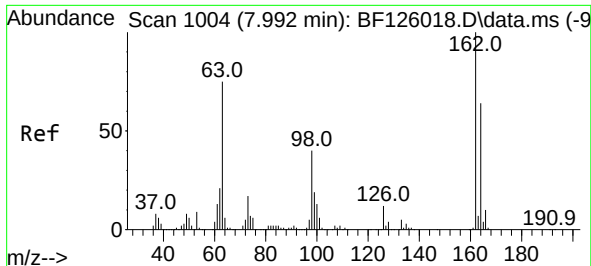
Ion Ratio Lower Upper

93 100

95 32.1 26.1 39.1

123 11.2 11.7 17.5#





#29

2,4-Dichlorophenol

Concen: 48.034 ng

RT: 7.980 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

Instrument :

BNA_F

ClientSampleId :

VWE-B20-11921-0-10MSD

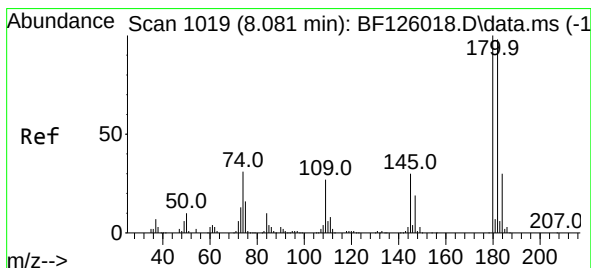
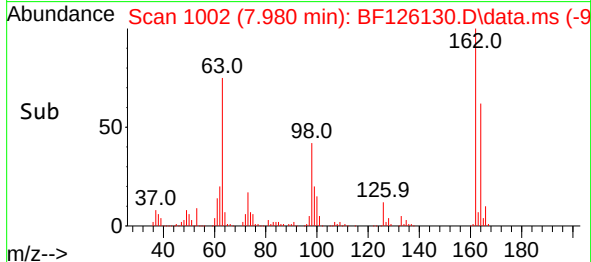
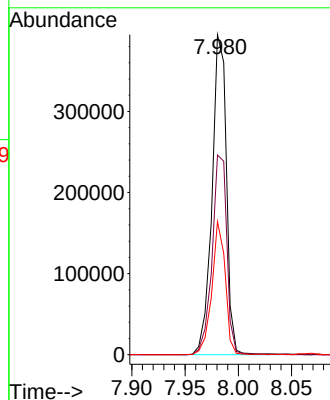
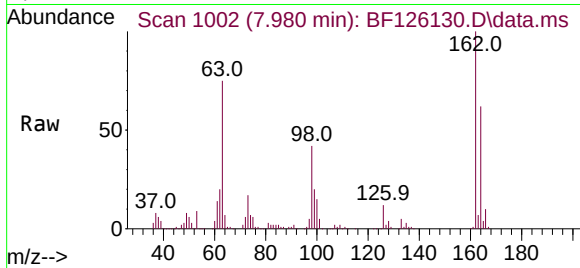
Tgt Ion:162 Resp: 371741

Ion Ratio Lower Upper

162 100

164 62.4 44.5 84.5

98 41.6 13.0 53.0



#30

1,2,4-Trichlorobenzene

Concen: 46.010 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.012 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

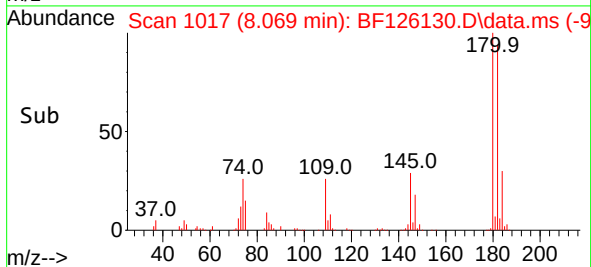
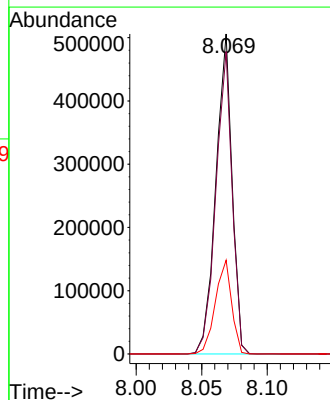
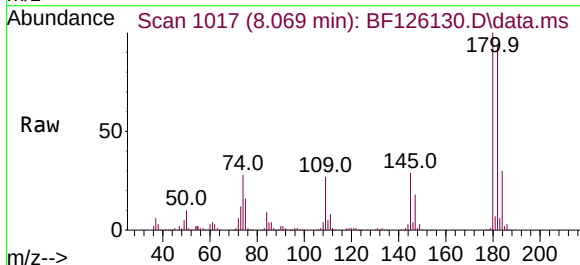
Tgt Ion:180 Resp: 434168

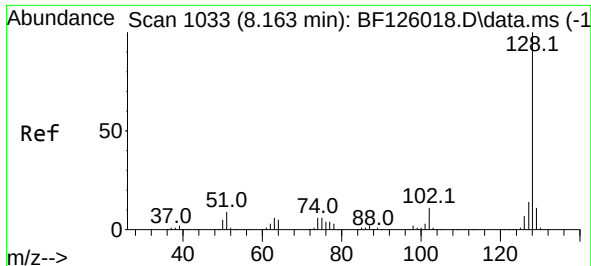
Ion Ratio Lower Upper

180 100

182 94.5 76.8 115.2

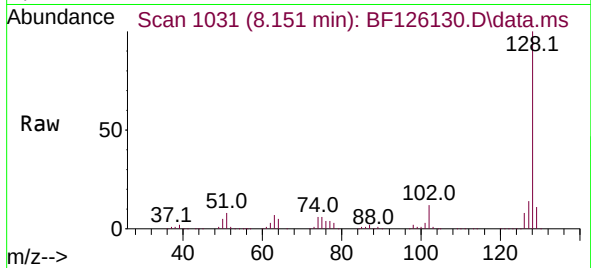
145 29.3 26.7 40.1



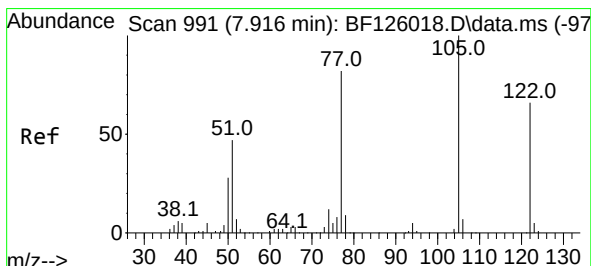
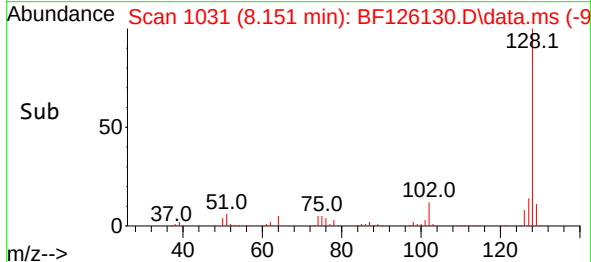
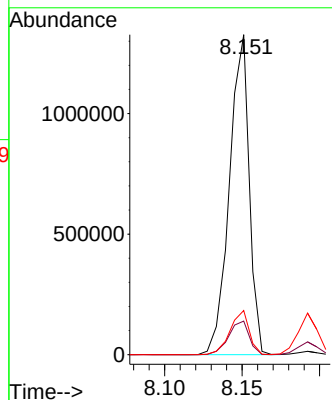


#31
Naphthalene
Concen: 46.169 ng
RT: 8.151 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10MSD

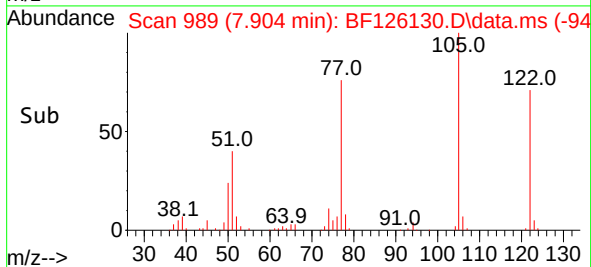
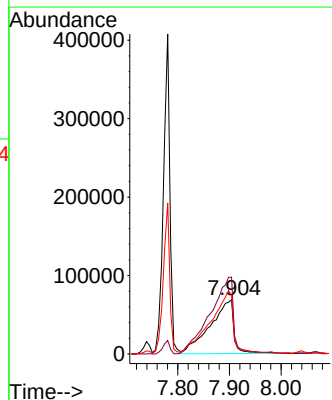
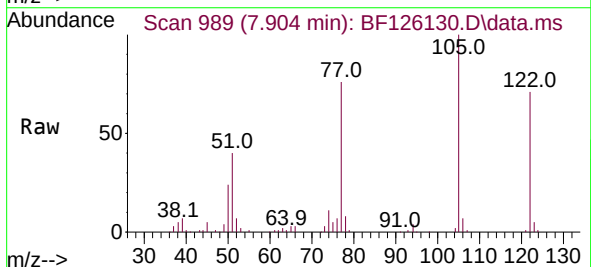


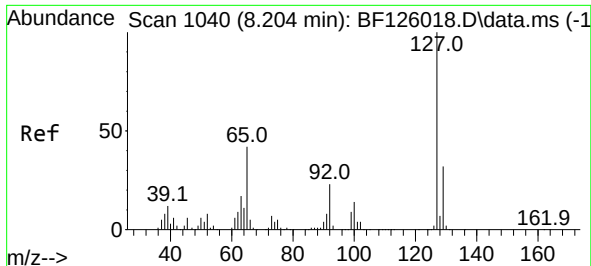
Tgt Ion:128 Resp: 1177935
Ion Ratio Lower Upper
128 100
129 10.5 9.4 14.0
127 13.8 10.9 16.3



#32
Benzoic acid
Concen: 50.757 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.012 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

Tgt Ion:122 Resp: 218628
Ion Ratio Lower Upper
122 100
105 141.5 97.6 137.6#
77 108.0 59.6 99.6#

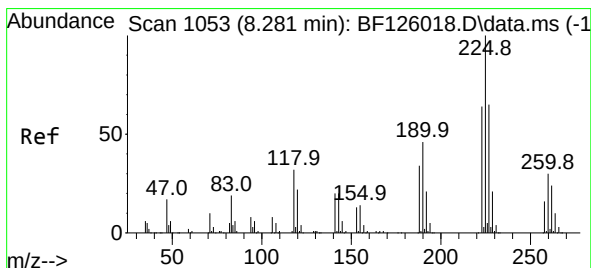
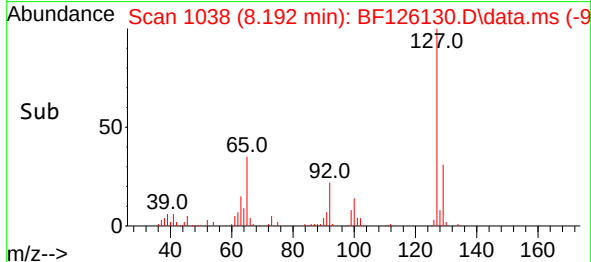
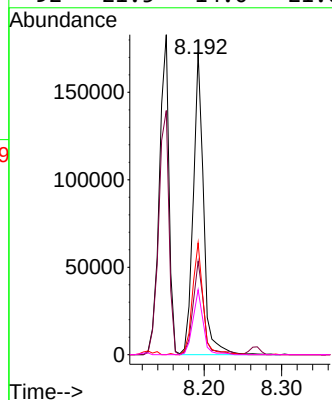
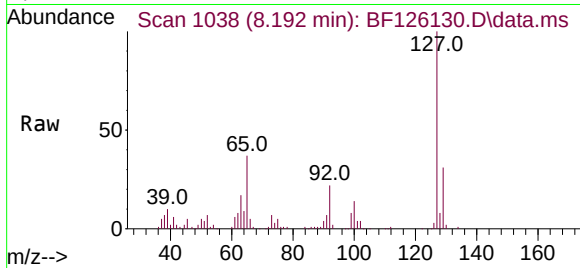




#33
4-Chloroaniline
Concen: 15.709 ng
RT: 8.192 min Scan# 1051
Delta R.T. -0.012 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

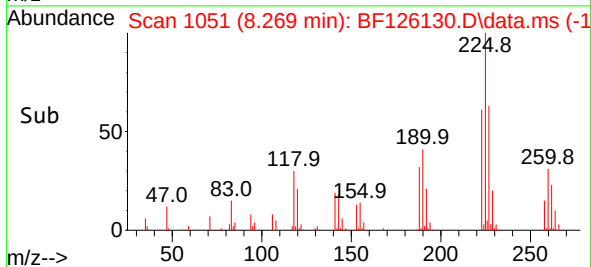
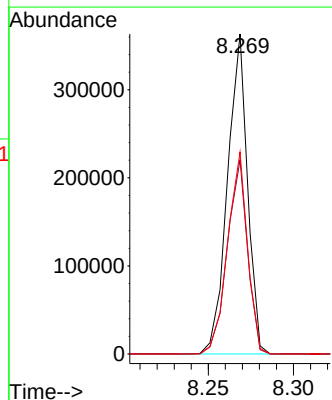
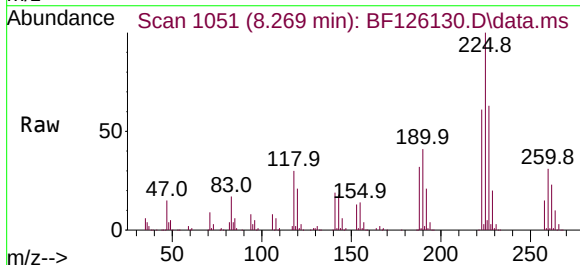
Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10MSD

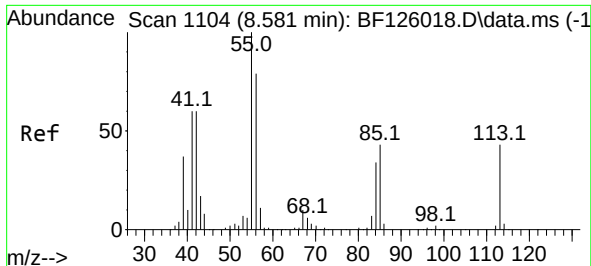
Tgt Ion:	127	Resp:	160178
Ion Ratio	Lower	Upper	
127	100		
129	30.9	25.7	38.5
65	37.0	21.2	31.8#
92	21.5	14.0	21.0#



#34
Hexachlorobutadiene
Concen: 45.709 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.012 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

Tgt Ion:	225	Resp:	296916
Ion Ratio	Lower	Upper	
225	100		
223	60.7	50.6	76.0
227	63.1	50.6	75.8

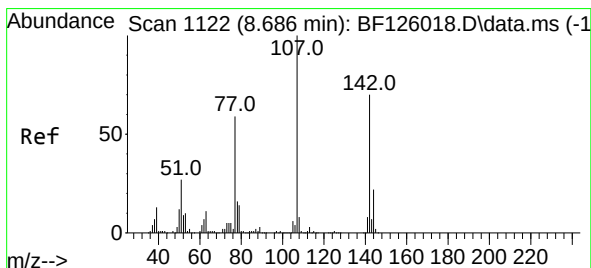
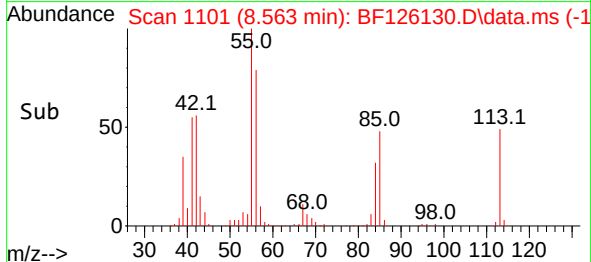
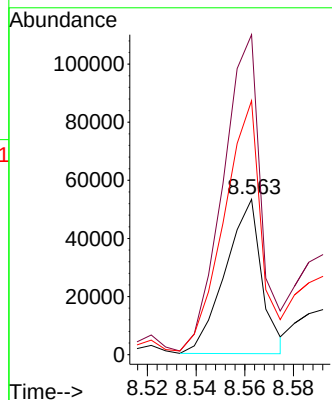
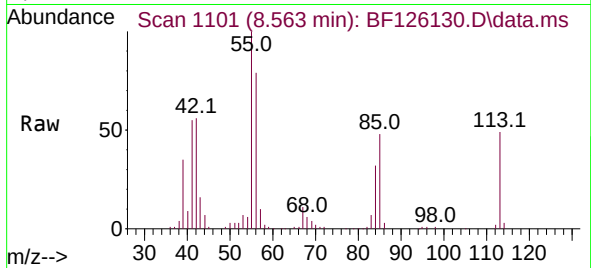




#35
Caprolactam
Concen: 25.663 ng
RT: 8.563 min Scan# 1104
Delta R.T. -0.018 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

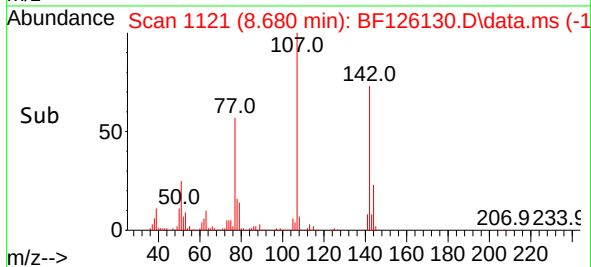
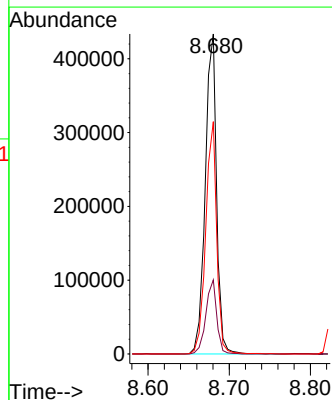
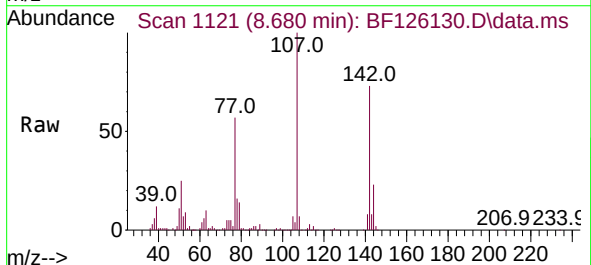
Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10MSD

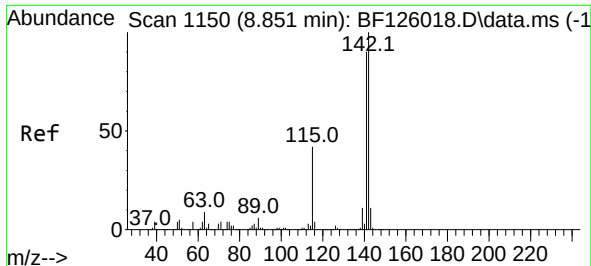
Tgt Ion:113 Resp: 55306
Ion Ratio Lower Upper
113 100
55 205.9 154.1 194.1#
56 163.4 108.7 148.7#



#36
4-Chloro-3-methylphenol
Concen: 46.974 ng
RT: 8.680 min Scan# 1121
Delta R.T. -0.006 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

Tgt Ion:107 Resp: 419217
Ion Ratio Lower Upper
107 100
144 23.2 21.9 32.9
142 72.6 67.1 100.7





#37

2-Methylnaphthalene

Concen: 48.017 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.012 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

Instrument :

BNA_F

ClientSampleId :

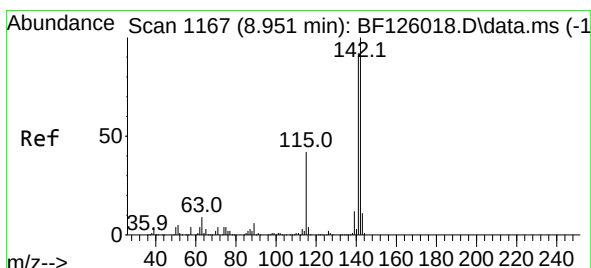
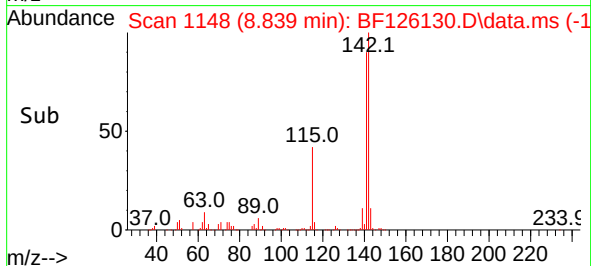
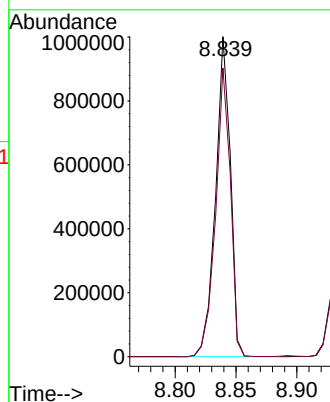
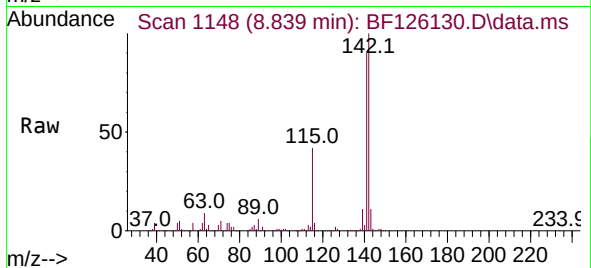
VWE-B20-11921-0-10MSD

Tgt Ion:142 Resp: 846110

Ion Ratio Lower Upper

142 100

141 90.2 71.2 106.8



#38

1-Methylnaphthalene

Concen: 45.985 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF126130.D

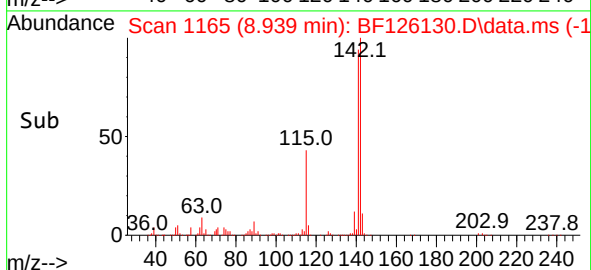
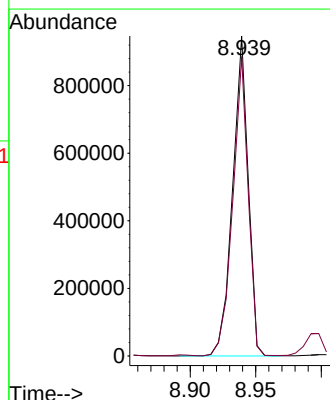
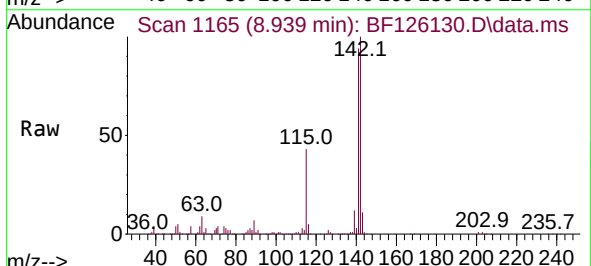
Acq: 11 Nov 2021 17:40

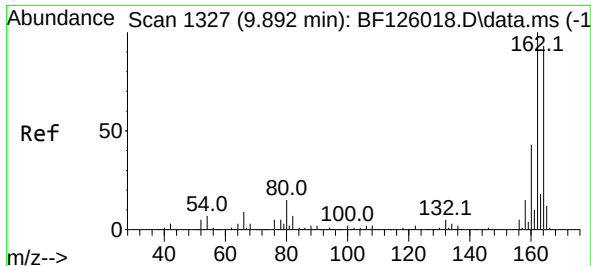
Tgt Ion:142 Resp: 784899

Ion Ratio Lower Upper

142 100

141 93.6 76.0 114.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

Instrument :

BNA_F

ClientSampleId :

VWE-B20-11921-0-10MSD

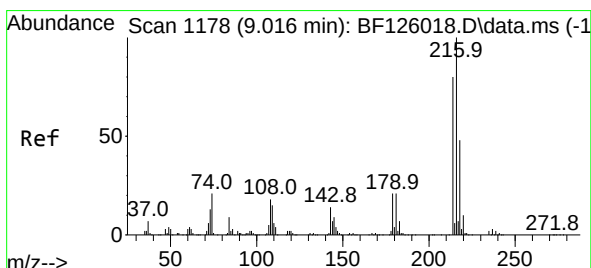
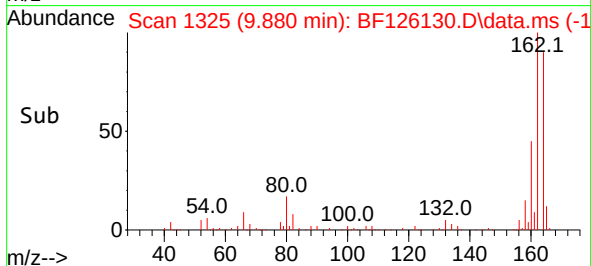
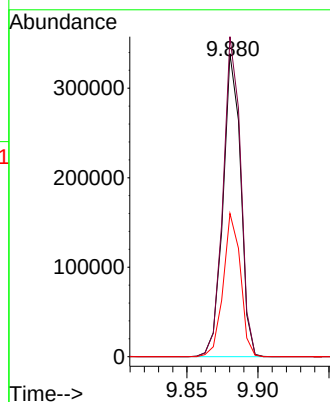
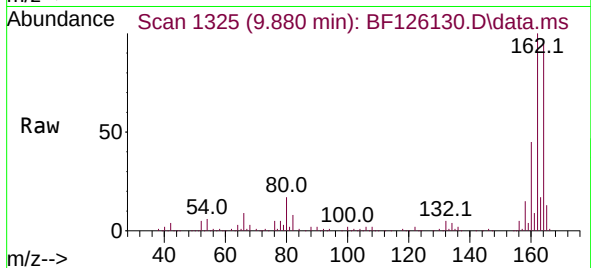
Tgt Ion:164 Resp: 290810

Ion Ratio Lower Upper

164 100

162 105.6 81.3 121.9

160 47.3 38.0 57.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.447 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

Tgt Ion:216 Resp: 452667

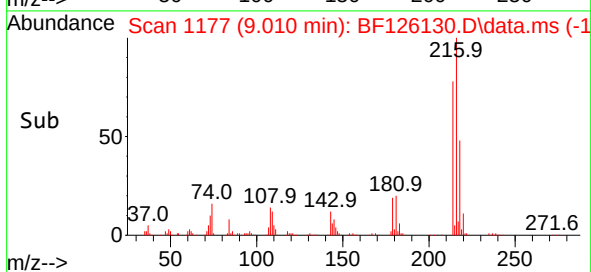
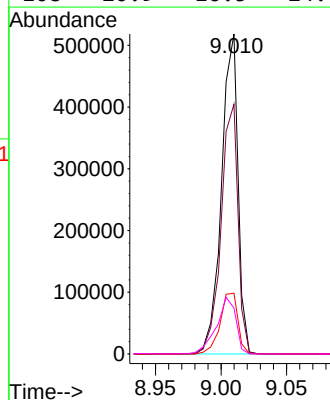
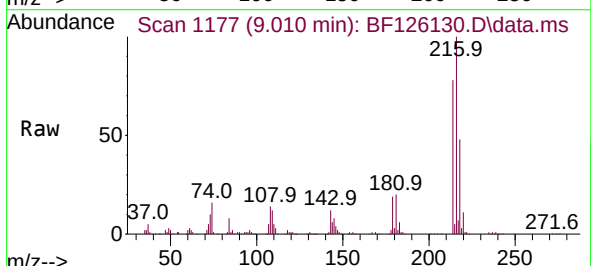
Ion Ratio Lower Upper

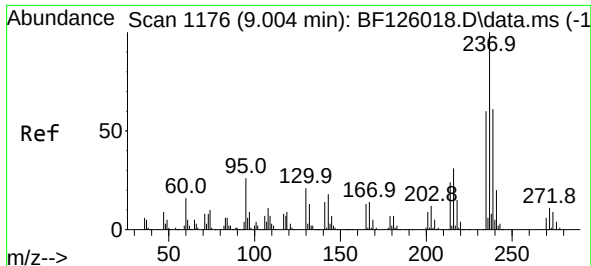
216 100

214 79.9 64.9 97.3

179 20.5 17.4 26.2

108 20.9 16.5 24.7

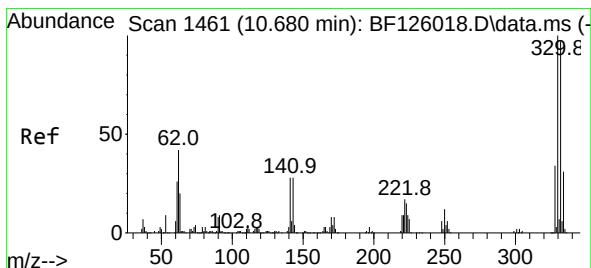
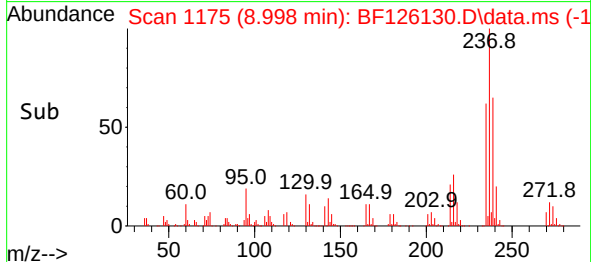
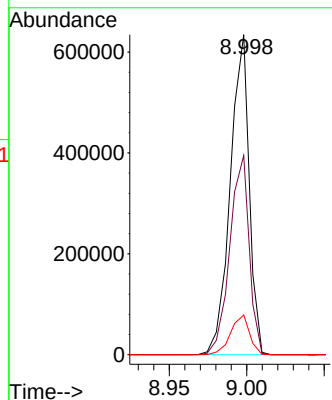
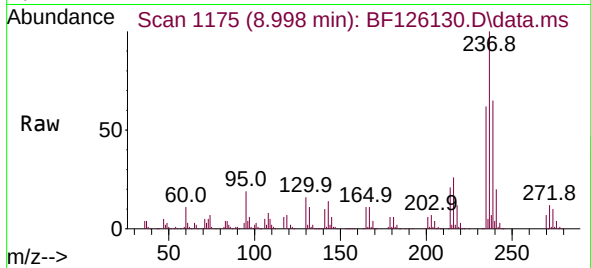




#41
Hexachlorocyclopentadiene
Concen: 106.186 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

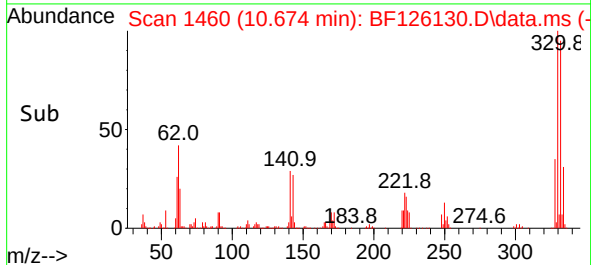
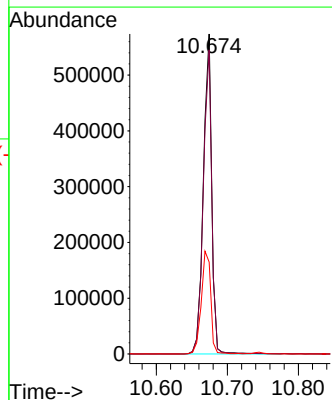
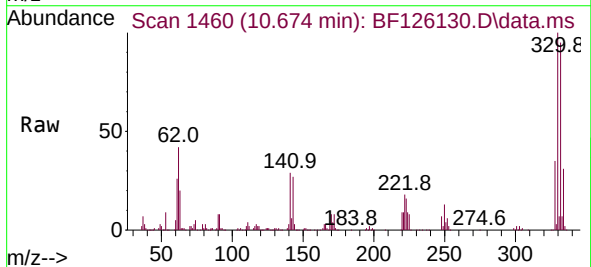
Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10MSD

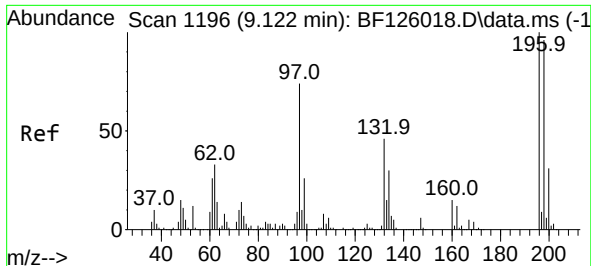
Tgt Ion:237 Resp: 537700
Ion Ratio Lower Upper
237 100
235 62.2 44.7 84.7
272 12.4 0.0 31.6



#42
2,4,6-Tribromophenol
Concen: 141.169 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

Tgt Ion:330 Resp: 470472
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 36.2 44.6 66.8#





#43

2,4,6-Trichlorophenol

Concen: 48.948 ng

RT: 9.116 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

Instrument :

BNA_F

ClientSampleId :

VVE-B20-11921-0-10MSD

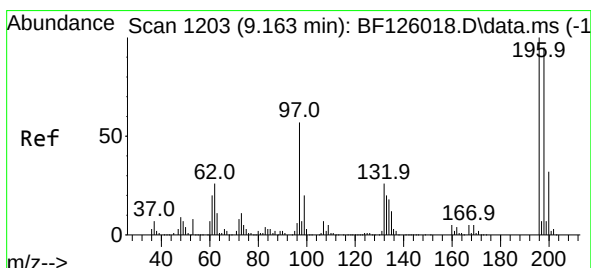
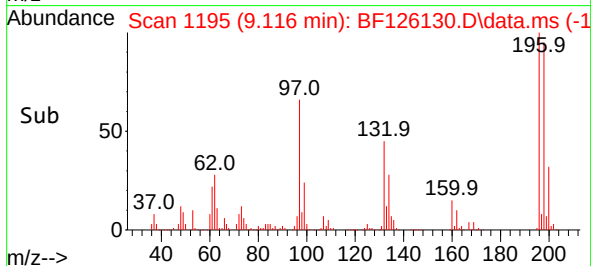
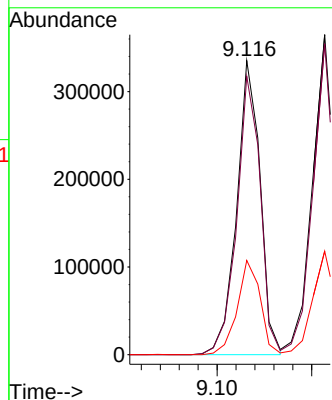
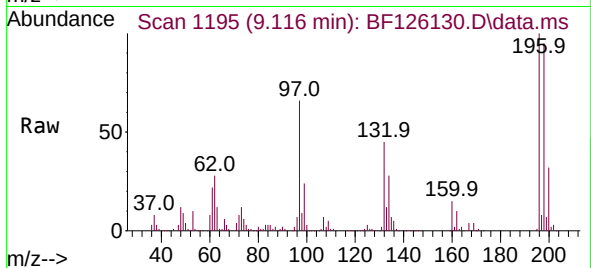
Tgt Ion:196 Resp: 288876

Ion Ratio Lower Upper

196 100

198 94.7 74.9 112.3

200 32.1 27.0 40.4



#44

2,4,5-Trichlorophenol

Concen: 48.755 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

Tgt Ion:196 Resp: 310846

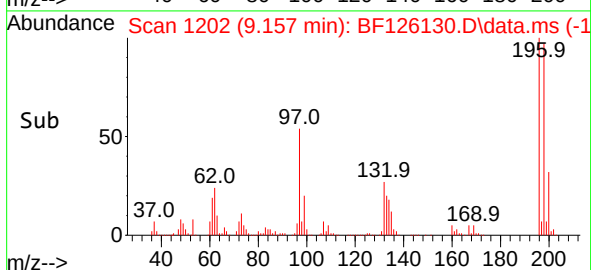
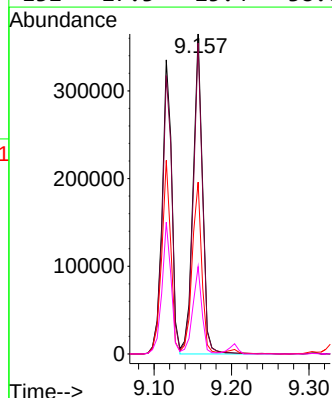
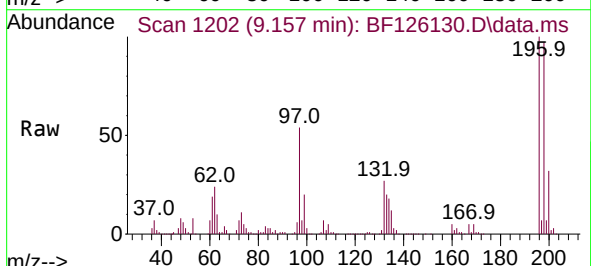
Ion Ratio Lower Upper

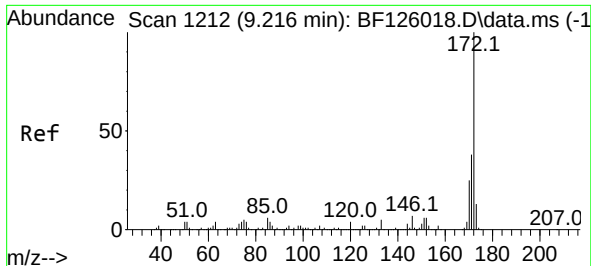
196 100

198 97.2 80.2 120.2

97 53.7 44.0 66.0

132 27.3 25.4 38.0

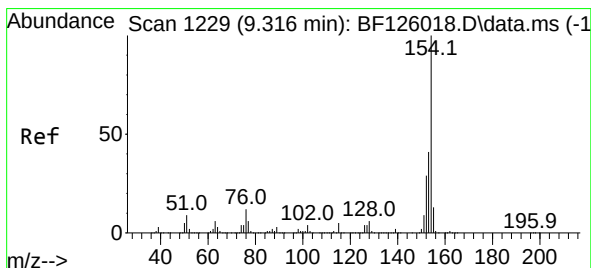
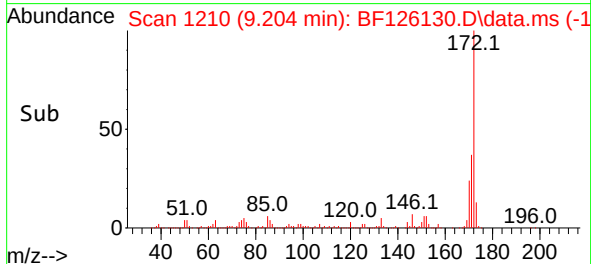
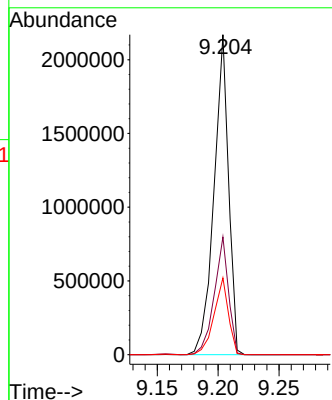
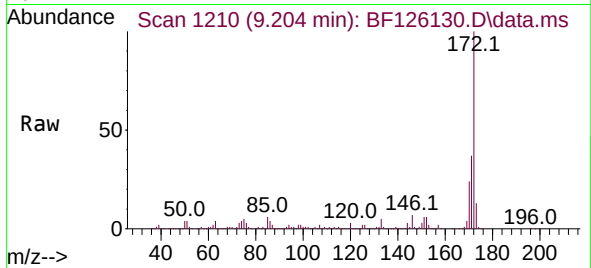




#45
2-Fluorobiphenyl
Concen: 83.698 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

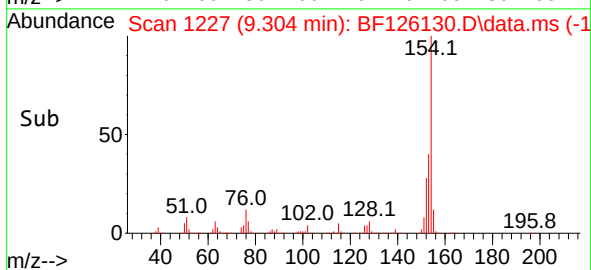
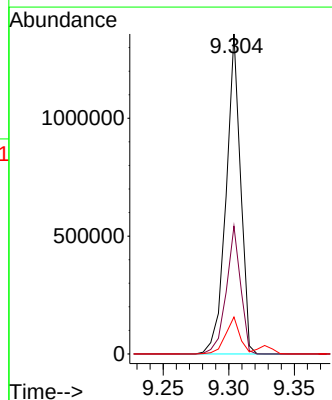
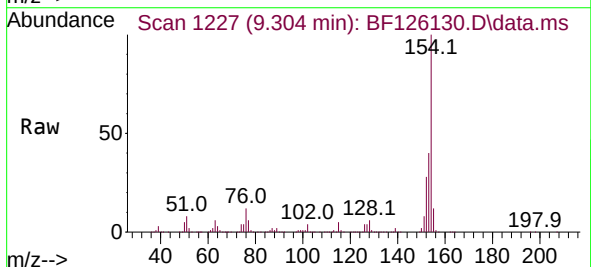
Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10MSD

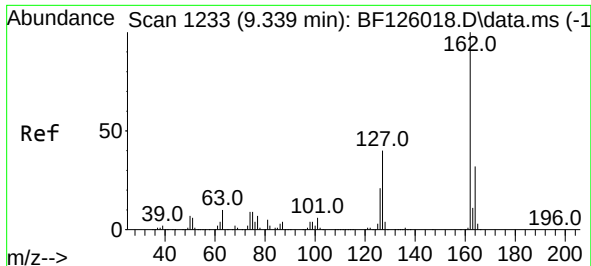
Tgt Ion:172 Resp: 1801153
Ion Ratio Lower Upper
172 100
171 36.8 26.5 39.7
170 24.0 18.8 28.2



#46
1,1'-Biphenyl
Concen: 46.150 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.012 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

Tgt Ion:154 Resp: 1037358
Ion Ratio Lower Upper
154 100
153 40.0 20.0 60.0
76 11.5 0.0 30.3





#47

2-Chloronaphthalene

Concen: 46.670 ng

RT: 9.327 min Scan# 1231

Delta R.T. -0.012 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

Instrument :

BNA_F

ClientSampleId :

VWE-B20-11921-0-10MSD

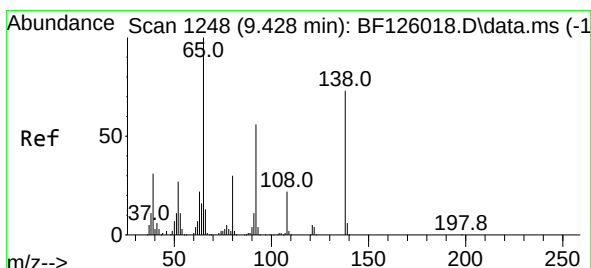
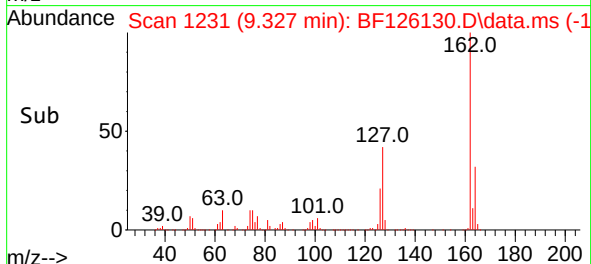
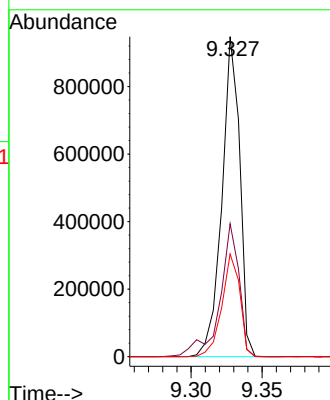
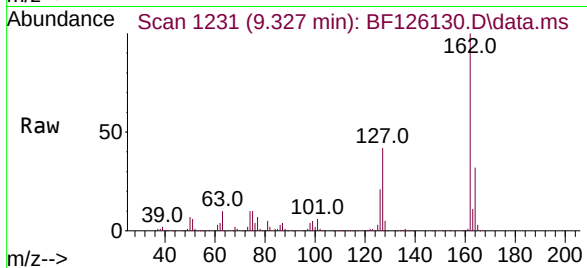
Tgt Ion:162 Resp: 825711

Ion Ratio Lower Upper

162 100

127 41.5 33.0 49.4

164 32.1 25.8 38.8



#48

2-Nitroaniline

Concen: 49.548 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

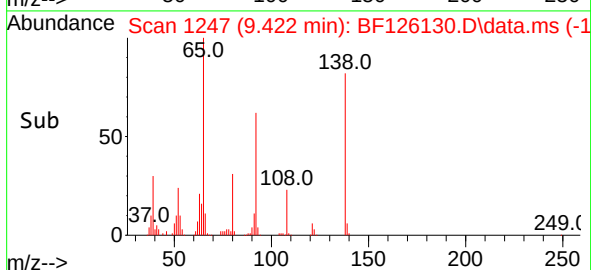
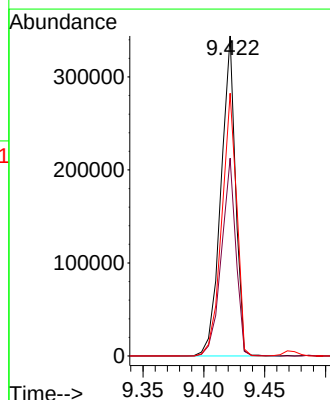
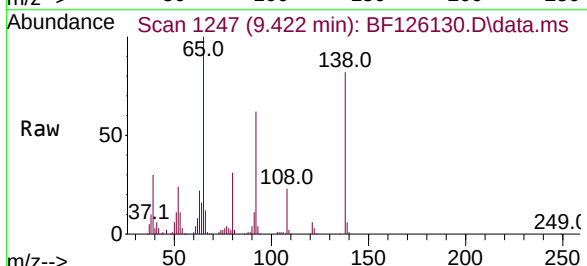
Tgt Ion: 65 Resp: 287292

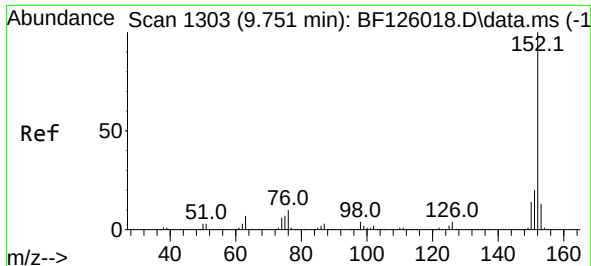
Ion Ratio Lower Upper

65 100

92 61.8 55.5 83.3

138 82.1 93.5 140.3





#49

Acenaphthylene

Concen: 47.587 ng

RT: 9.745 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

Instrument :

BNA_F

ClientSampleId :

VWE-B20-11921-0-10MSD

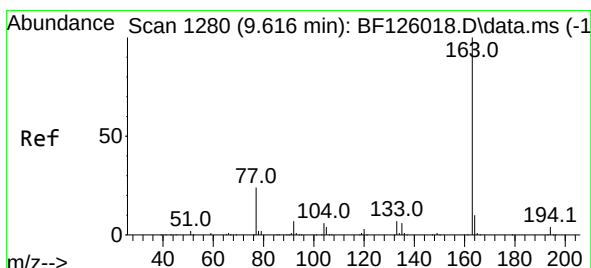
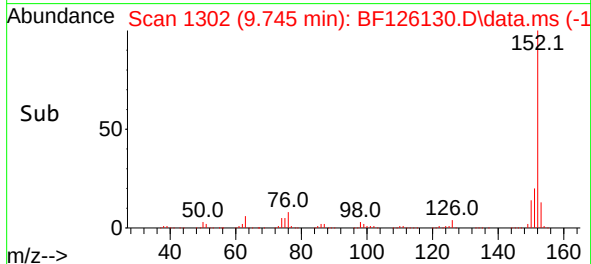
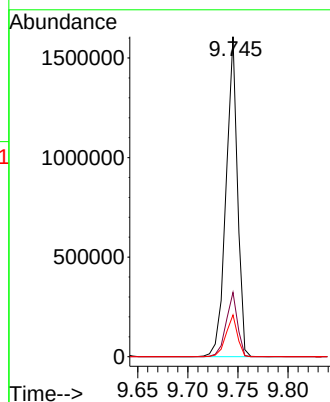
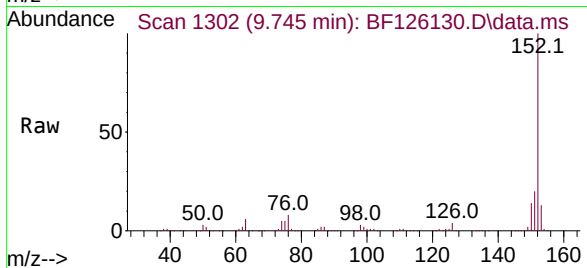
Tgt Ion:152 Resp: 1273252

Ion Ratio Lower Upper

152 100

151 20.1 15.7 23.5

153 13.1 9.8 14.8



#50

Dimethylphthalate

Concen: 46.749 ng

RT: 9.604 min Scan# 1278

Delta R.T. -0.012 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

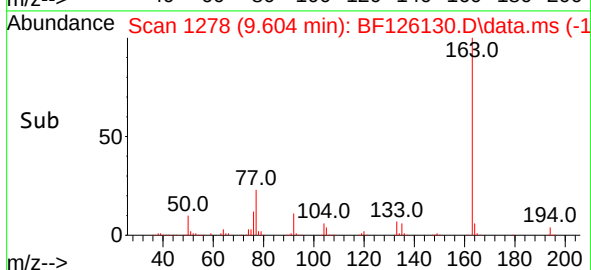
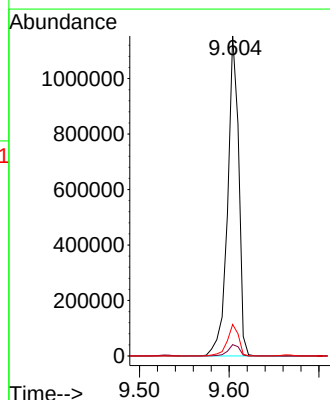
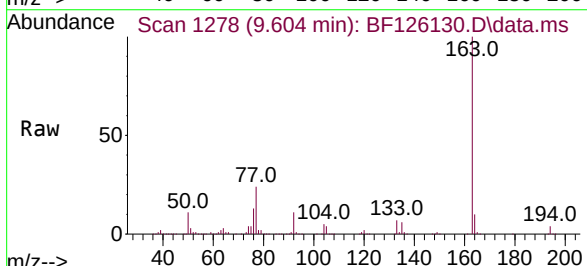
Tgt Ion:163 Resp: 989784

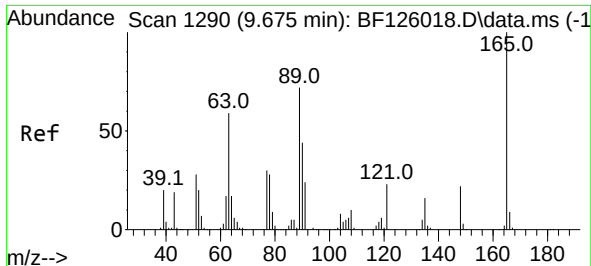
Ion Ratio Lower Upper

163 100

194 3.5 2.6 3.8

164 9.9 7.4 11.0

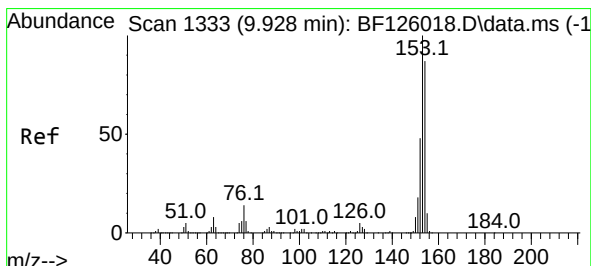
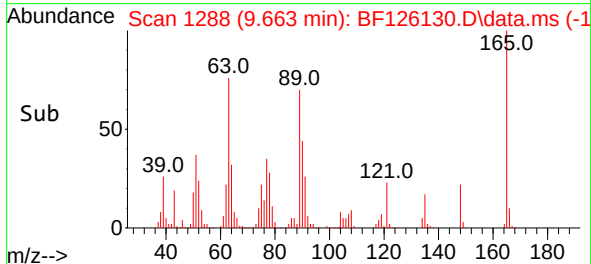
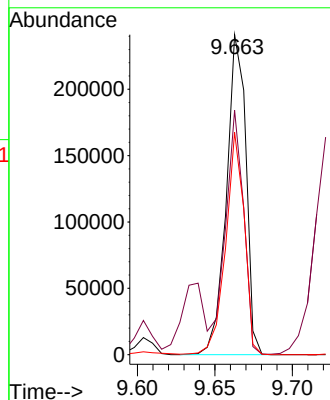
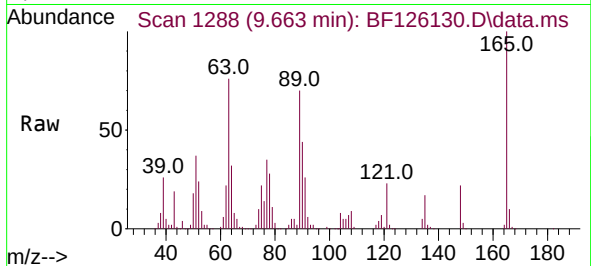




#51
2,6-Dinitrotoluene
Concen: 58.164 ng
RT: 9.663 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

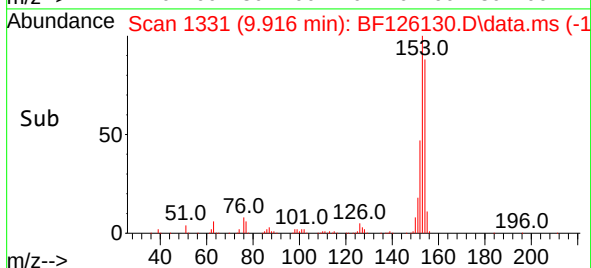
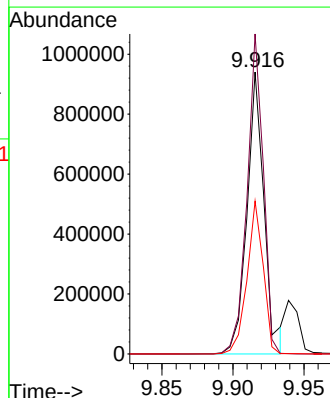
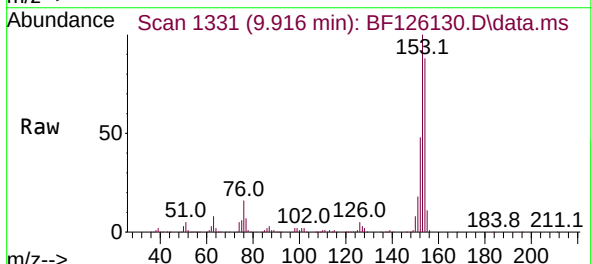
Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10MSD

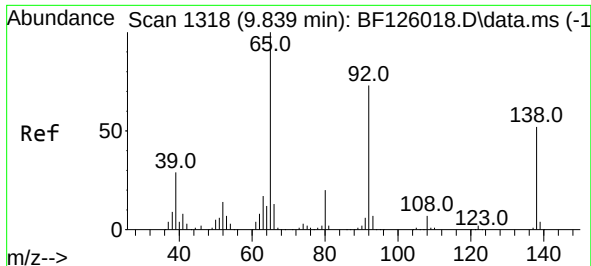
Tgt Ion:165 Resp: 211080
Ion Ratio Lower Upper
165 100
63 76.4 42.6 63.8#
89 69.5 40.6 60.8#



#52
Acenaphthene
Concen: 46.653 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

Tgt Ion:154 Resp: 787322
Ion Ratio Lower Upper
154 100
153 113.5 89.4 134.2
152 54.2 40.5 60.7

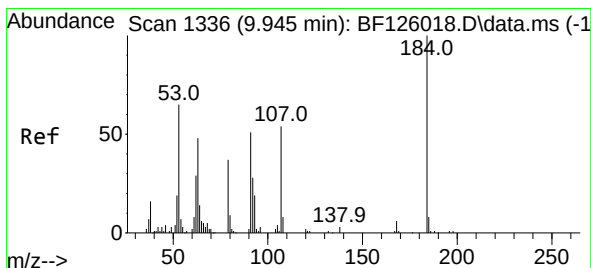
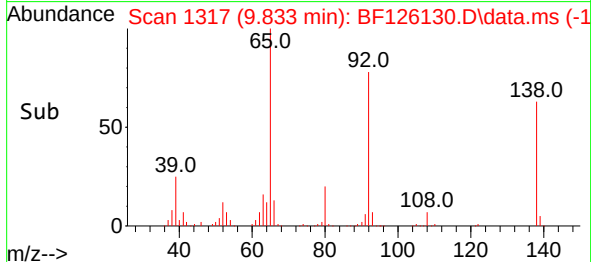
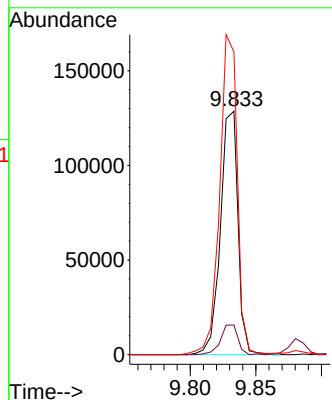
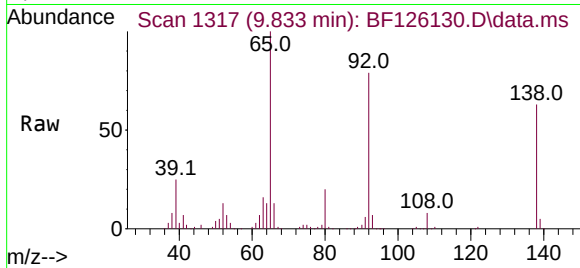




#53
3-Nitroaniline
Concen: 32.122 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

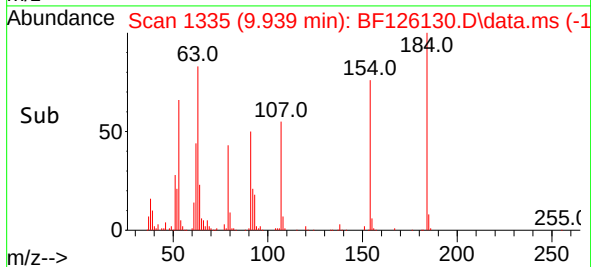
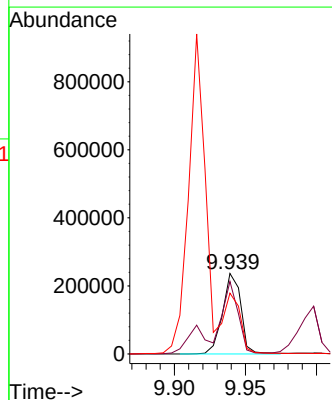
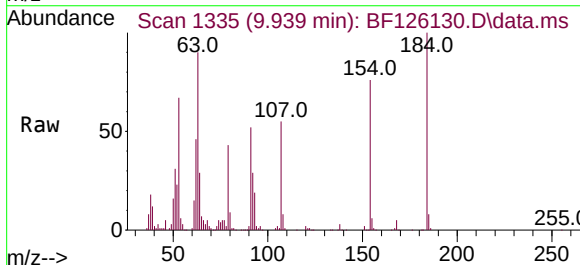
Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10MSD

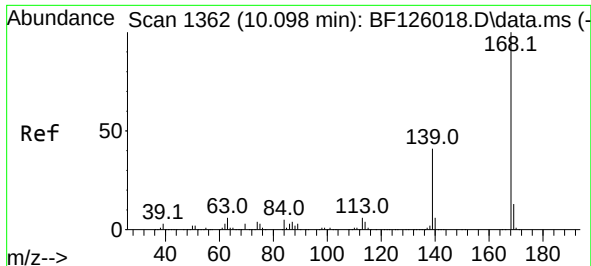
Tgt Ion:138 Resp: 119503
Ion Ratio Lower Upper
138 100
108 12.2 9.3 13.9
92 124.3 76.5 114.7#



#54
2,4-Dinitrophenol
Concen: 99.650 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

Tgt Ion:184 Resp: 212071
Ion Ratio Lower Upper
184 100
63 90.0 59.3 88.9#
154 75.5 68.6 102.8

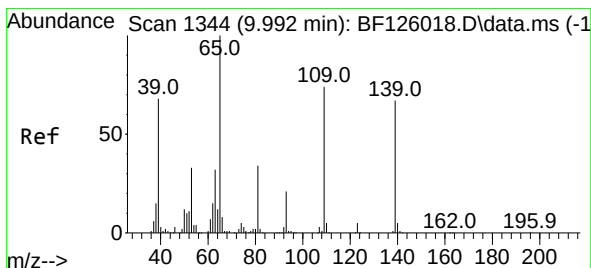
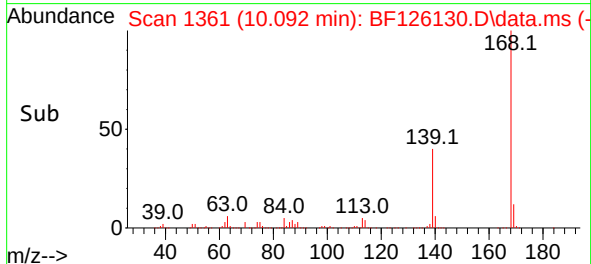
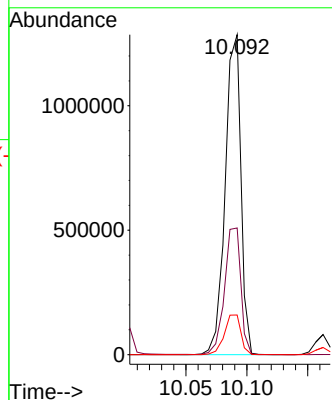
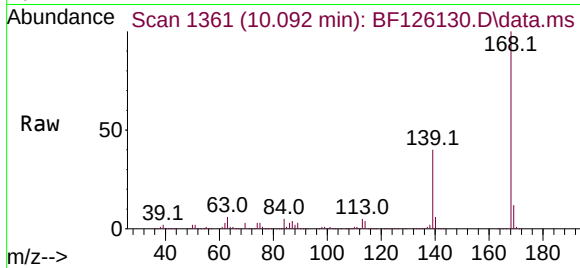




#55
Dibenzenofuran
Concen: 45.437 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

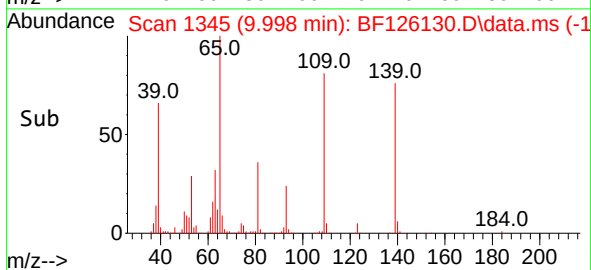
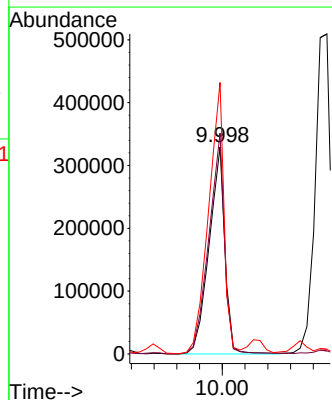
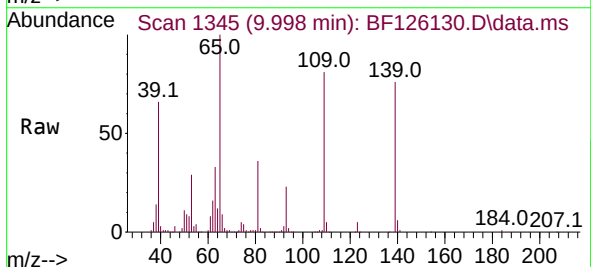
Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10MSD

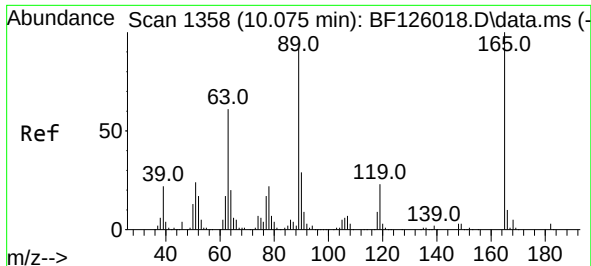
Tgt Ion:168 Resp: 1154314
Ion Ratio Lower Upper
168 100
139 39.6 32.7 49.1
169 12.4 11.2 16.8



#56
4-Nitrophenol
Concen: 108.211 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

Tgt Ion:139 Resp: 317724
Ion Ratio Lower Upper
139 100
109 106.7 60.4 100.4#
65 131.2 58.4 98.4#

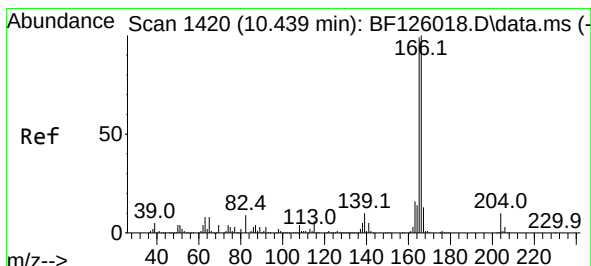
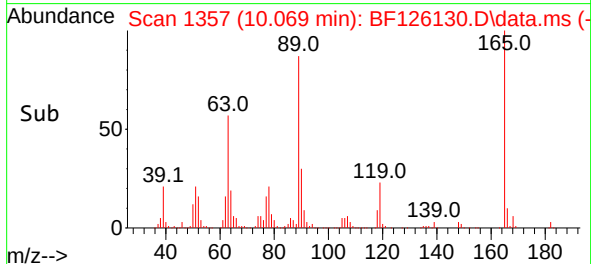
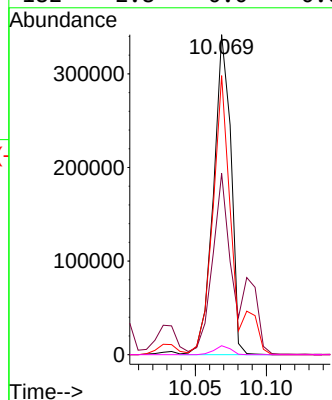
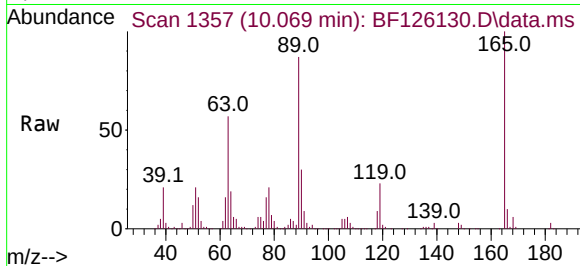




#57
2,4-Dinitrotoluene
Concen: 55.364 ng
RT: 10.069 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

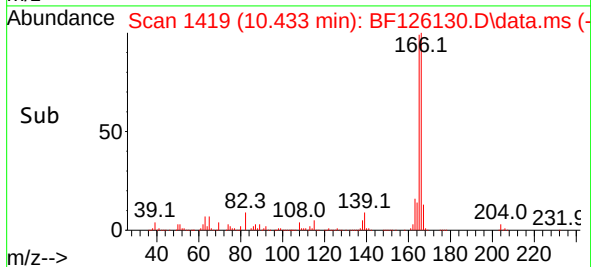
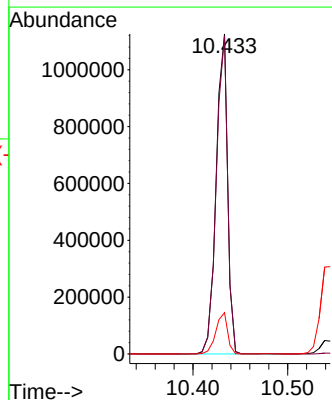
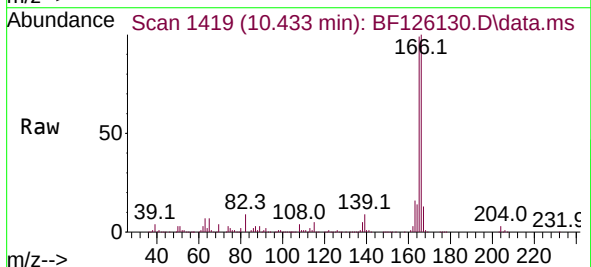
Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10MSD

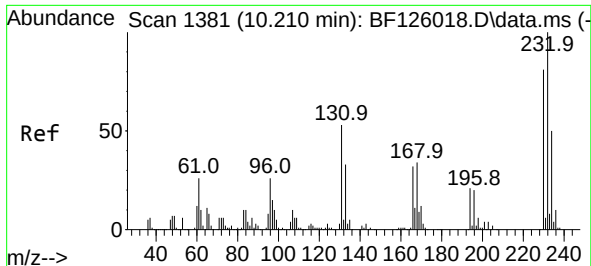
Tgt Ion:165 Resp: 292143
Ion Ratio Lower Upper
165 100
63 56.6 40.9 61.3
89 87.2 59.7 89.5
182 2.8 0.0 0.0#



#58
Fluorene
Concen: 46.329 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

Tgt Ion:166 Resp: 944904
Ion Ratio Lower Upper
166 100
165 99.4 78.1 117.1
167 12.9 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.572 ng

RT: 10.204 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

Instrument :

BNA_F

ClientSampleId :

VWE-B20-11921-0-10MSD

Tgt Ion:232 Resp: 262235

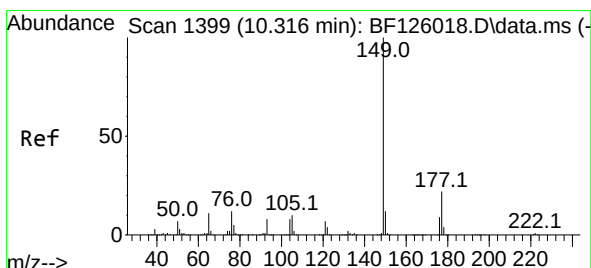
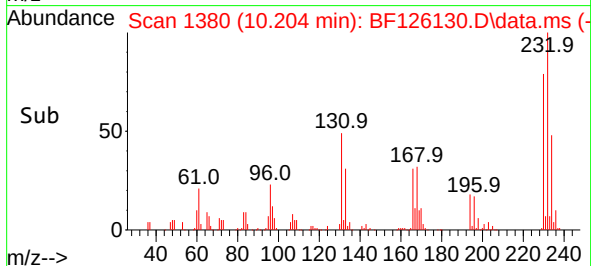
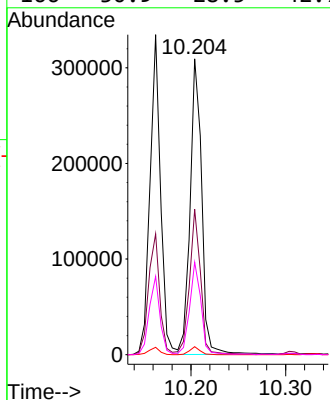
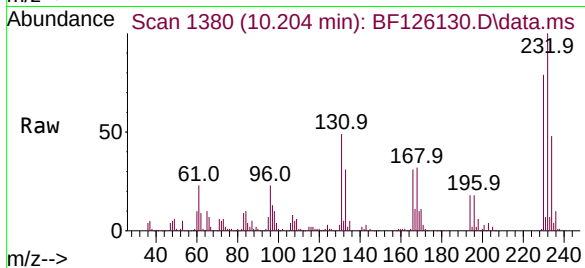
Ion Ratio Lower Upper

232 100

131 46.4 45.4 68.0

130 2.4 0.0 0.0#

166 30.9 28.5 42.7



#60

Diethylphthalate

Concen: 45.611 ng

RT: 10.304 min Scan# 1397

Delta R.T. -0.012 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

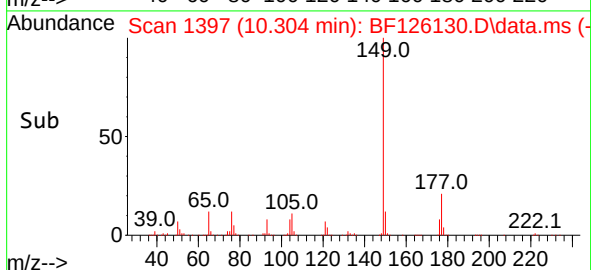
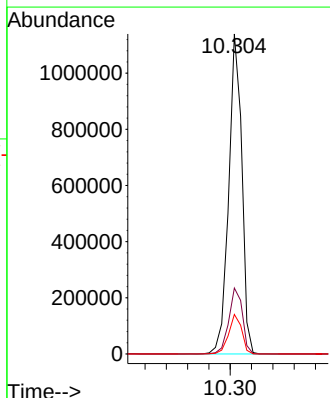
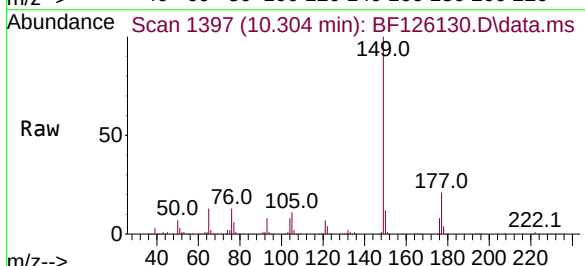
Tgt Ion:149 Resp: 968418

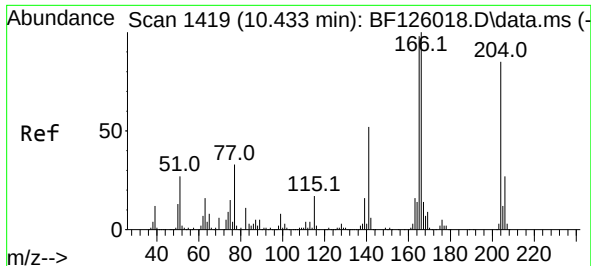
Ion Ratio Lower Upper

149 100

177 20.6 16.5 24.7

150 12.4 10.1 15.1

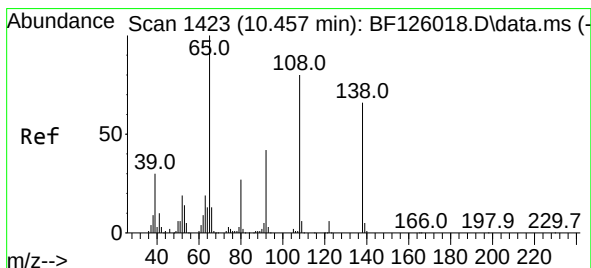
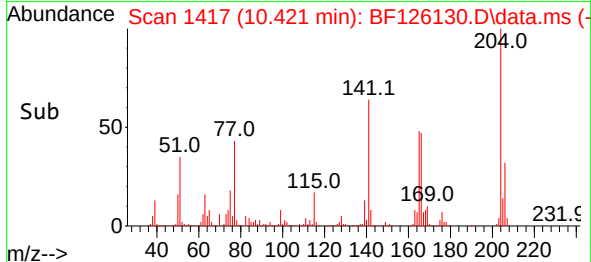
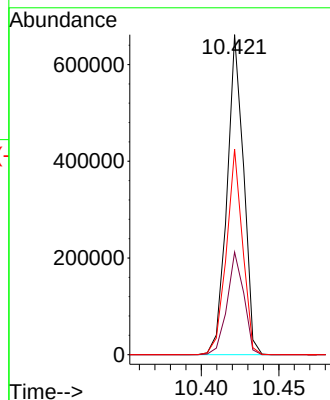
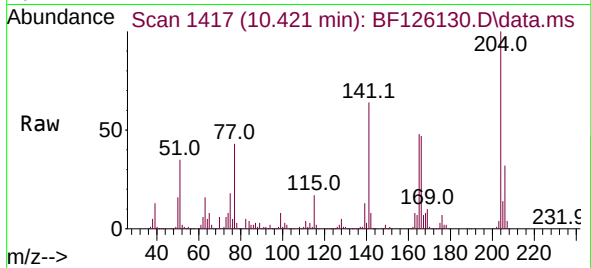




#61
4-Chlorophenyl-phenylether
Concen: 45.099 ng
RT: 10.421 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

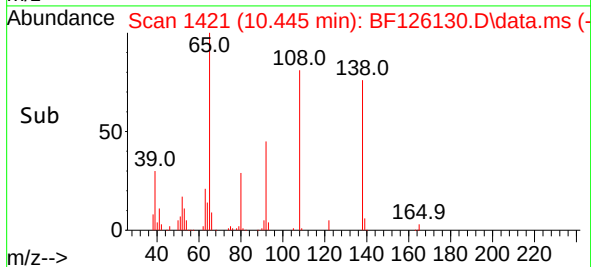
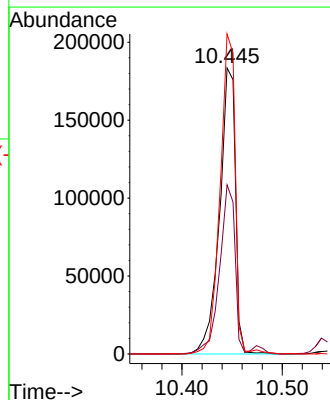
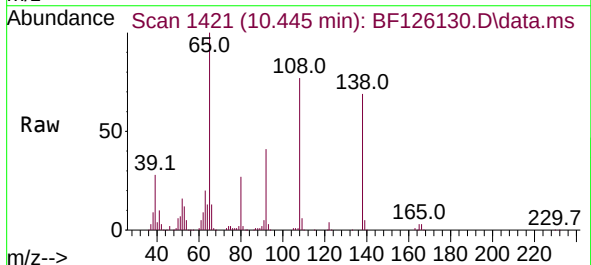
Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10MSD

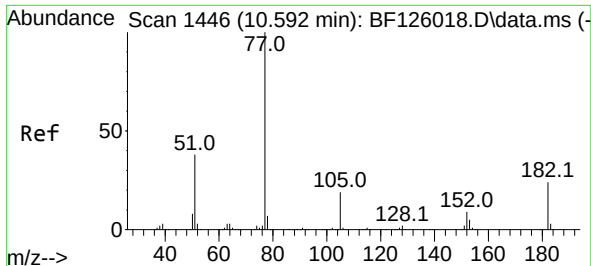
Tgt Ion:204 Resp: 491920
Ion Ratio Lower Upper
204 100
206 32.0 27.6 41.4
141 64.2 58.6 88.0



#62
4-Nitroaniline
Concen: 52.161 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

Tgt Ion:138 Resp: 202397
Ion Ratio Lower Upper
138 100
92 59.1 29.6 69.6
108 111.9 78.1 118.1

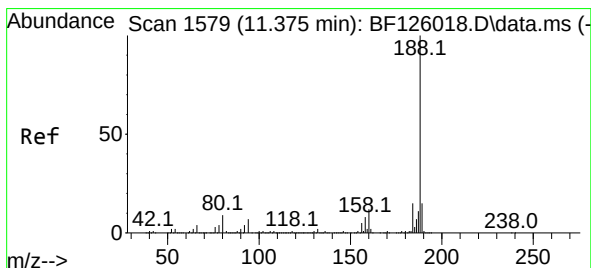
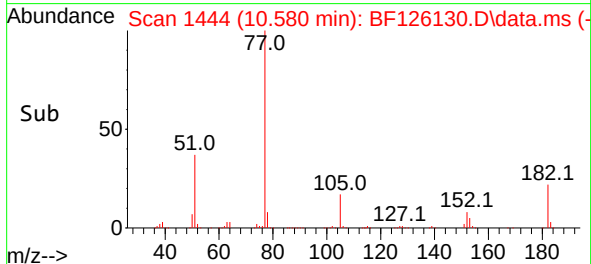
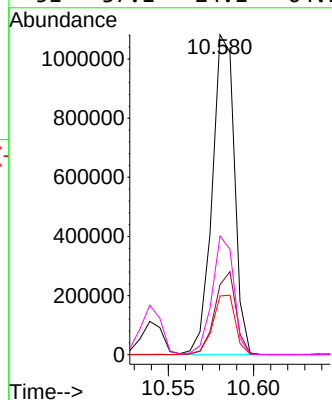
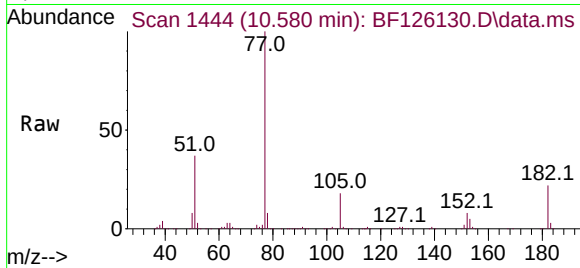




#63
Azobenzene
Concen: 42.610 ng
RT: 10.580 min Scan# 1446
Delta R.T. -0.012 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

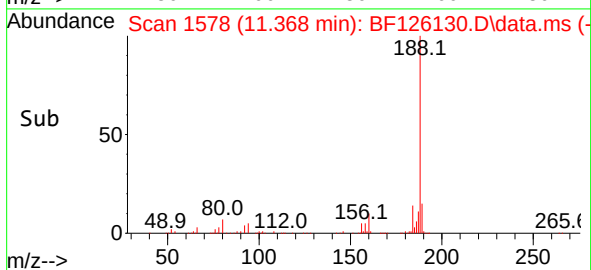
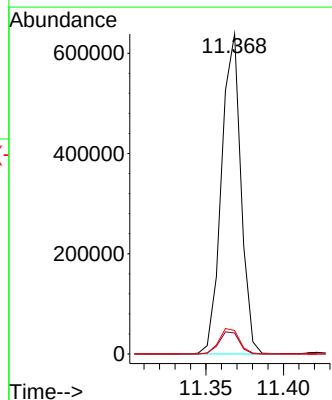
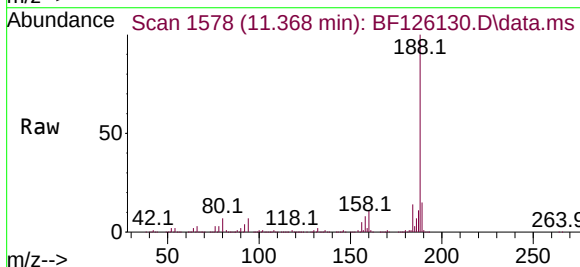
Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10MSD

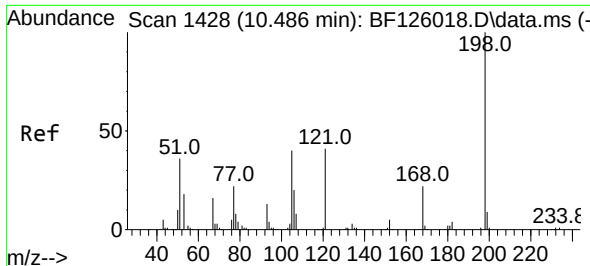
Tgt Ion: 77	Resp: 982359
Ion Ratio	Lower Upper
77 100	
182 21.9	6.3 46.3
105 18.4	2.9 42.9
51 37.1	24.1 64.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.368 min Scan# 1578
Delta R.T. -0.007 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

Tgt Ion:188	Resp: 557412		
Ion Ratio	Lower	Upper	
188 100			
94 6.6	6.7	10.1#	
80 7.4	7.5	11.3#	

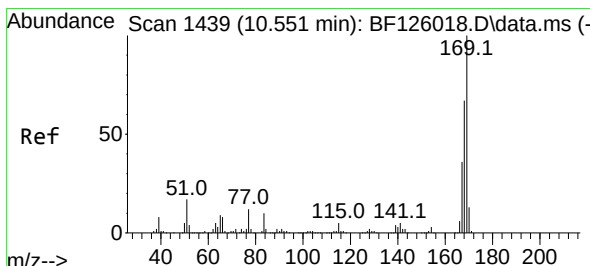
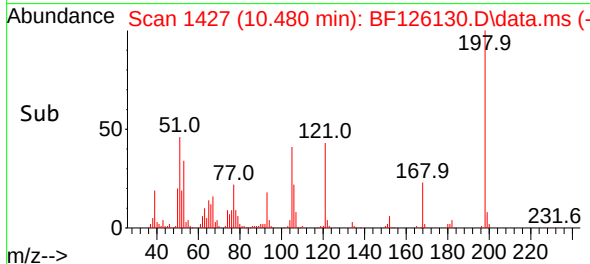
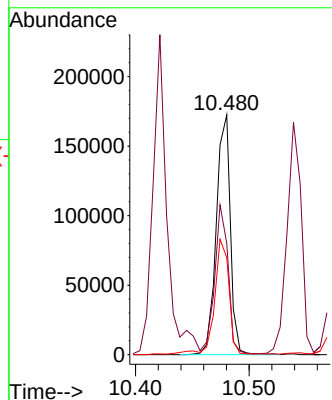
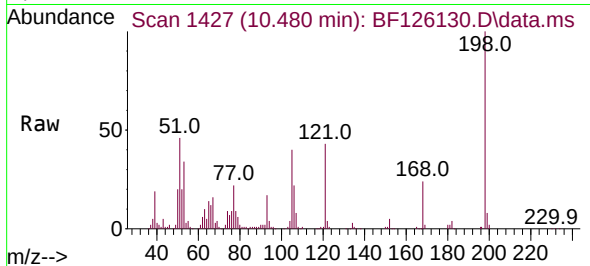




#65
4,6-Dinitro-2-methylphenol
Concen: 54.069 ng
RT: 10.480 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

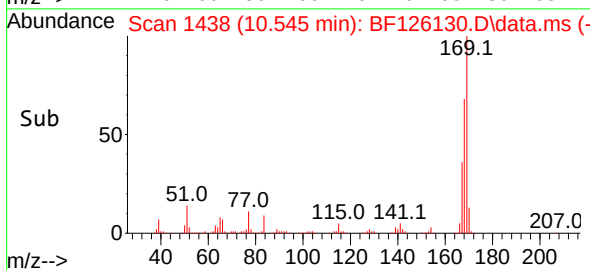
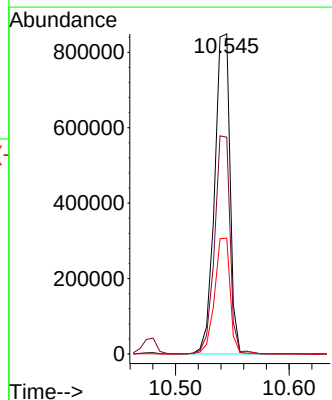
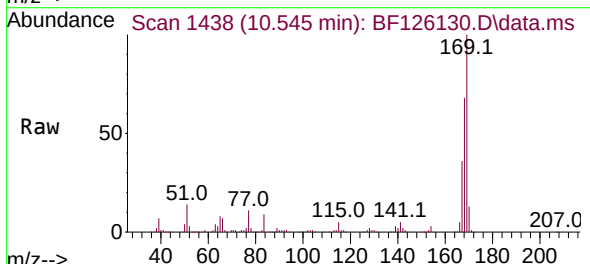
Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10MSD

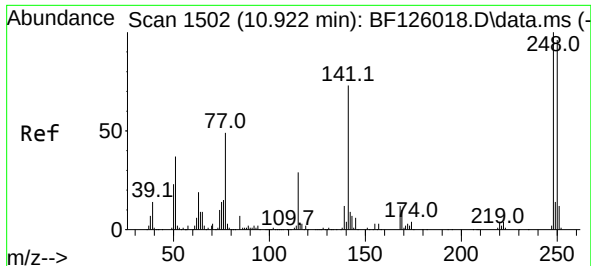
Tgt Ion:198 Resp: 148528
Ion Ratio Lower Upper
198 100
51 46.4 45.3 85.3
105 40.5 30.6 70.6



#66
n-Nitrosodiphenylamine
Concen: 44.995 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

Tgt Ion:169 Resp: 798703
Ion Ratio Lower Upper
169 100
168 67.7 50.8 76.2
167 36.2 28.8 43.2





#67

4-Bromophenyl-phenylether

Concen: 45.131 ng

RT: 10.910 min Scan# 1500

Delta R.T. -0.012 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

Instrument :

BNA_F

ClientSampleId :

VWE-B20-11921-0-10MSD

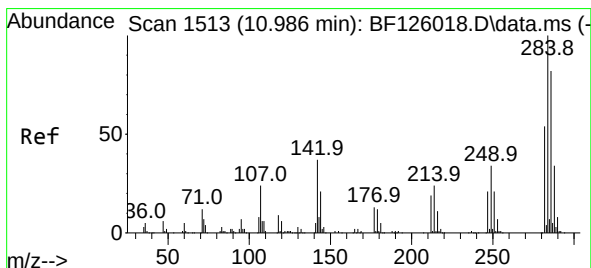
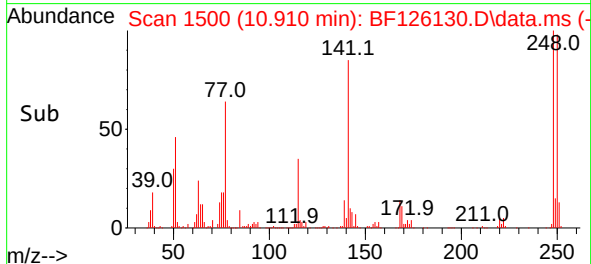
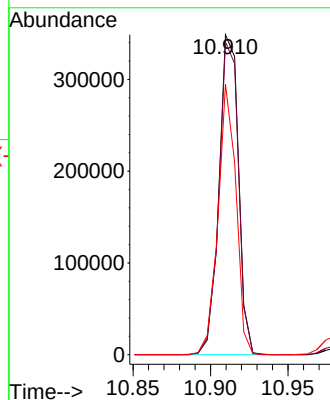
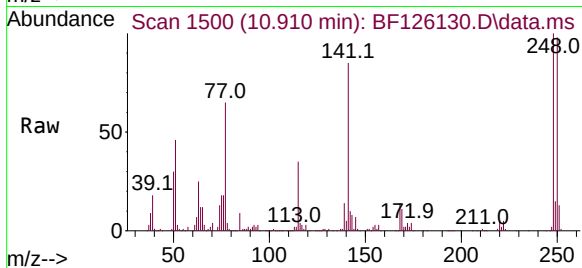
Tgt Ion:248 Resp: 304707

Ion Ratio Lower Upper

248 100

250 97.7 74.2 111.4

141 84.5 60.4 90.6



#68

Hexachlorobenzene

Concen: 48.171 ng

RT: 10.980 min Scan# 1512

Delta R.T. -0.006 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

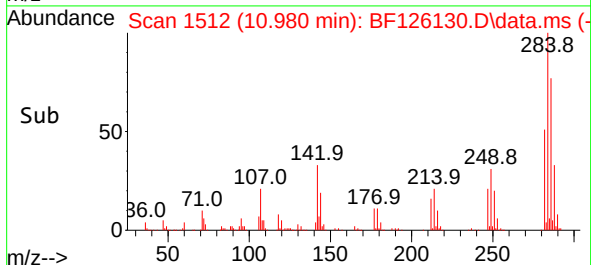
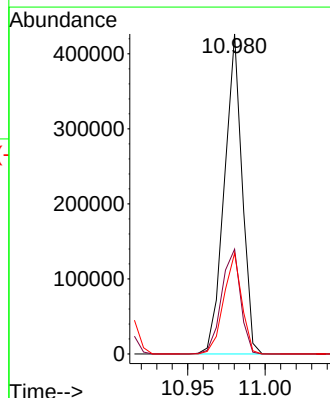
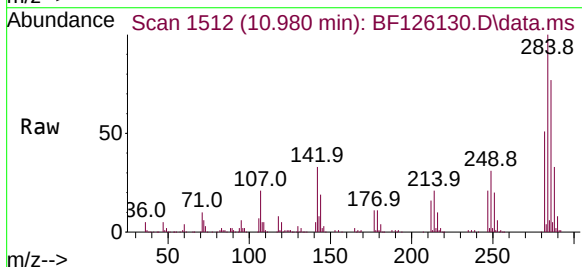
Tgt Ion:284 Resp: 339746

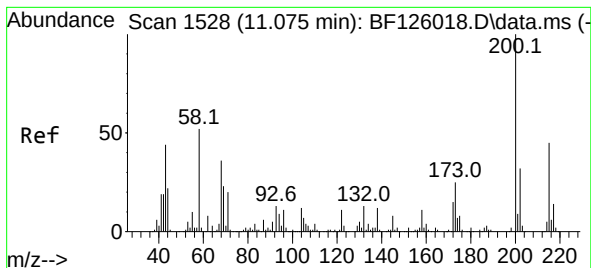
Ion Ratio Lower Upper

284 100

142 32.8 36.4 54.6#

249 31.5 25.6 38.4





#69

Atrazine

Concen: 48.777 ng

RT: 11.068 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

Instrument :

BNA_F

ClientSampleId :

VWE-B20-11921-0-10MSD

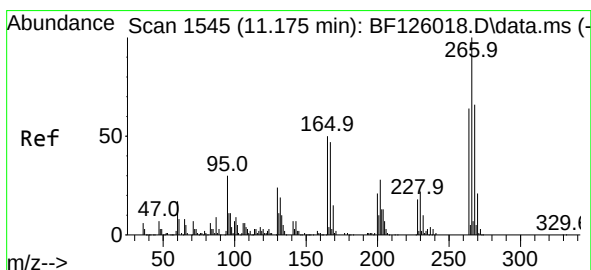
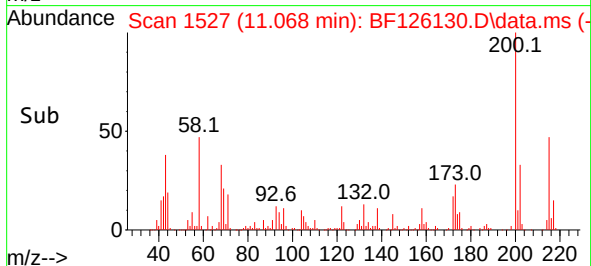
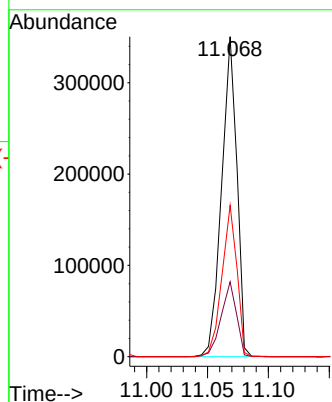
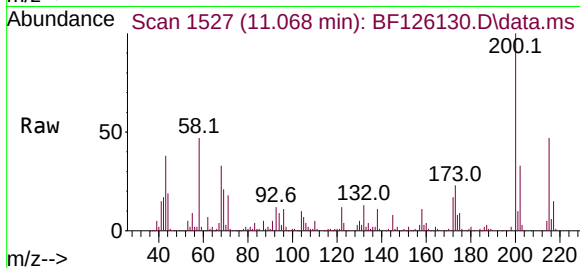
Tgt Ion:200 Resp: 306257

Ion Ratio Lower Upper

200 100

173 23.4 11.1 51.1

215 47.3 22.7 62.7



#70

Pentachlorophenol

Concen: 93.422 ng

RT: 11.174 min Scan# 1545

Delta R.T. -0.001 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

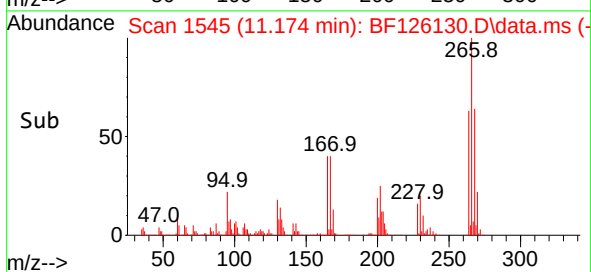
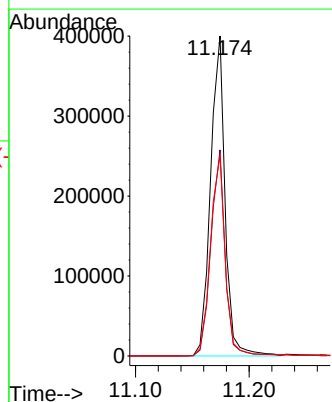
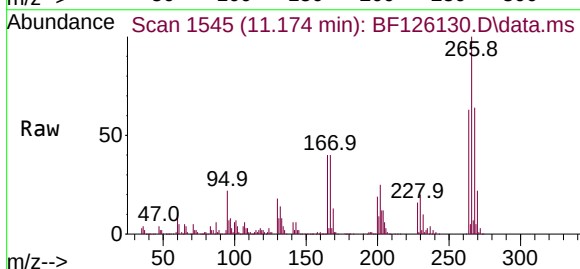
Tgt Ion:266 Resp: 355047

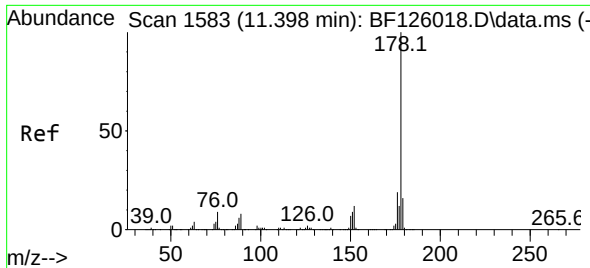
Ion Ratio Lower Upper

266 100

268 64.4 48.9 73.3

264 62.6 55.9 83.9

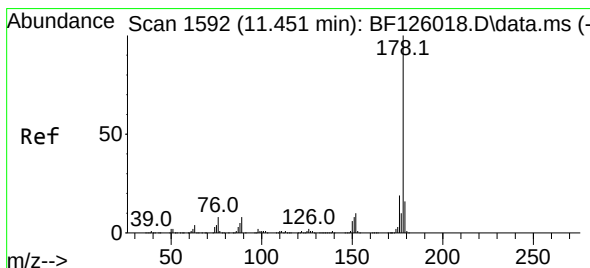
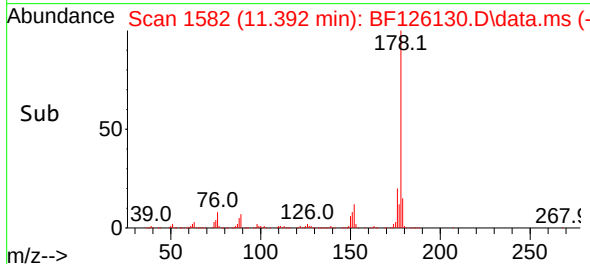
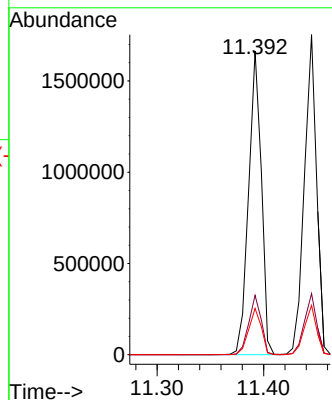
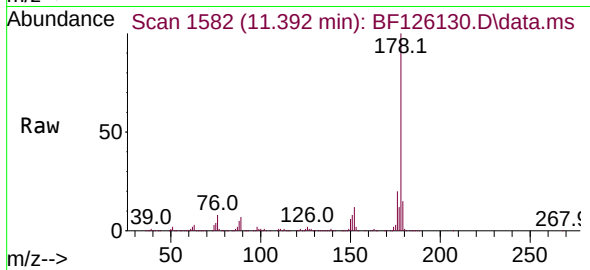




#71
Phenanthrene
Concen: 45.839 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

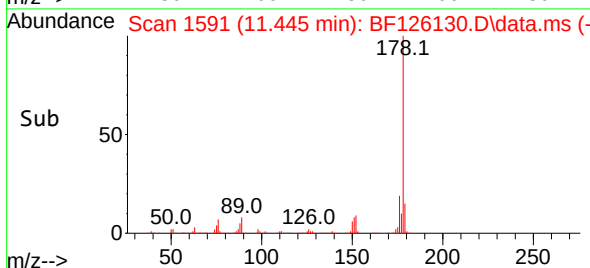
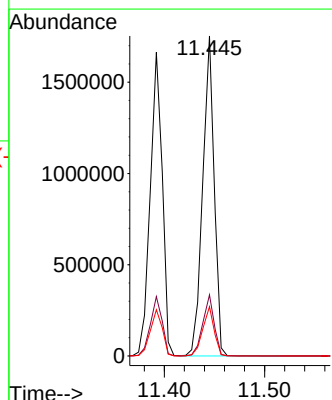
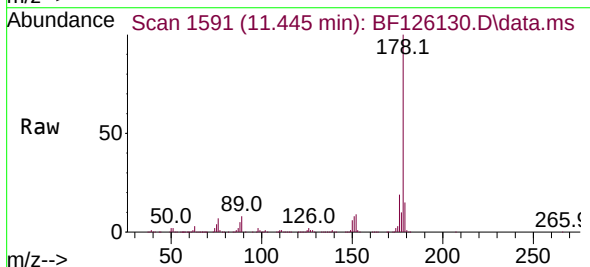
Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10MSD

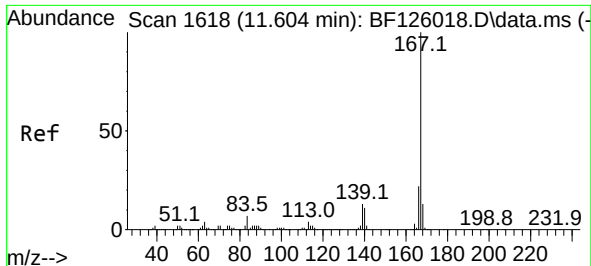
Tgt Ion:178 Resp: 1385652
Ion Ratio Lower Upper
178 100
176 19.6 14.7 22.1
179 15.2 11.5 17.3



#72
Anthracene
Concen: 46.594 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

Tgt Ion:178 Resp: 1406195
Ion Ratio Lower Upper
178 100
176 19.1 14.3 21.5
179 15.4 12.2 18.4

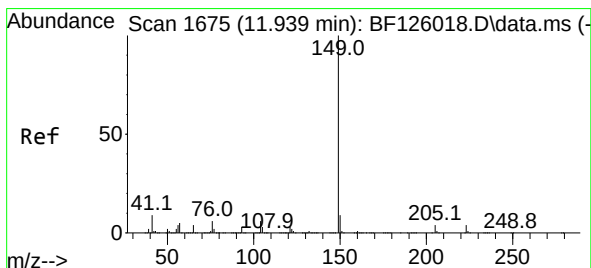
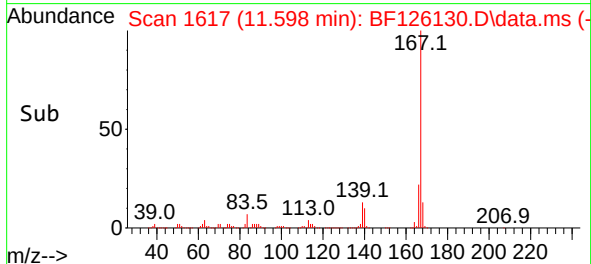
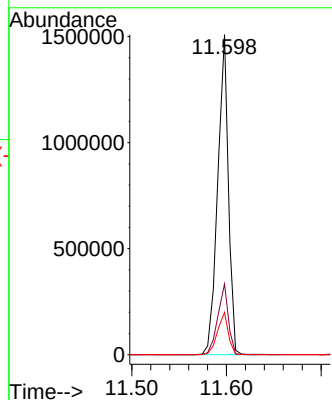
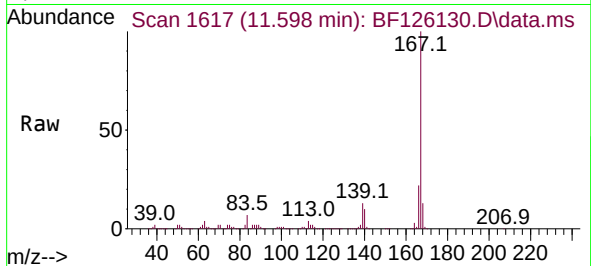




#73
Carbazole
Concen: 42.553 ng
RT: 11.598 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

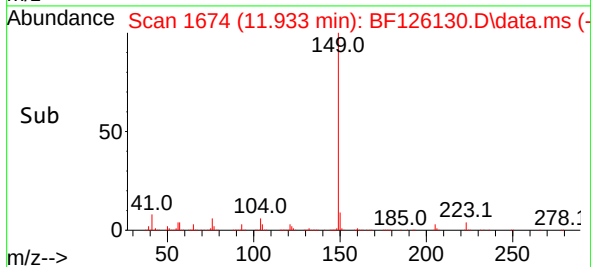
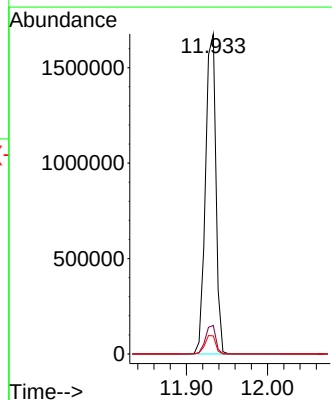
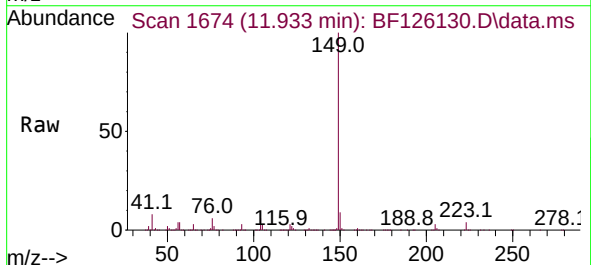
Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10MSD

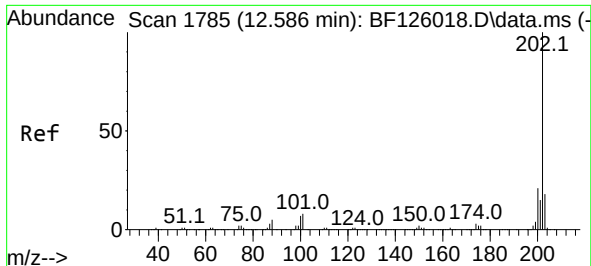
Tgt Ion:167 Resp: 1191077
Ion Ratio Lower Upper
167 100
166 22.1 17.4 26.0
139 13.2 11.0 16.4



#74
Di-n-butylphthalate
Concen: 45.614 ng
RT: 11.933 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

Tgt Ion:149 Resp: 1487684
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.2
104 5.6 4.1 6.1

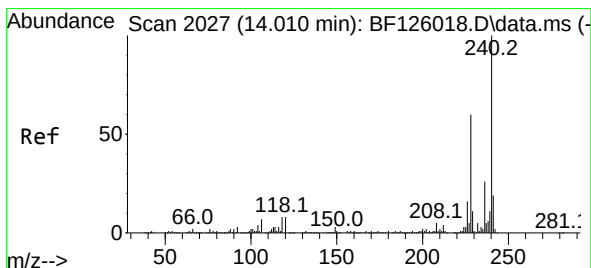
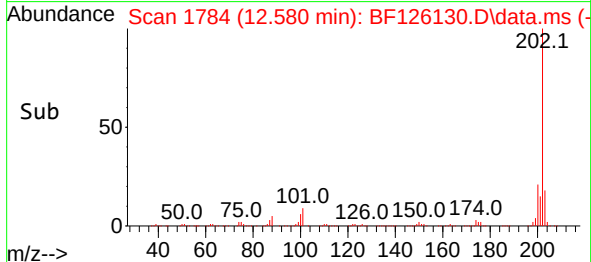
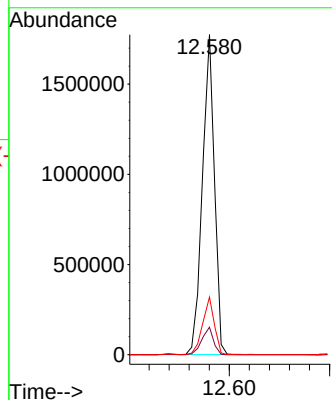
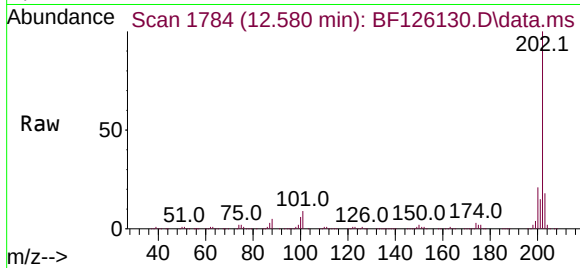




#75
Fluoranthene
Concen: 44.077 ng
RT: 12.580 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

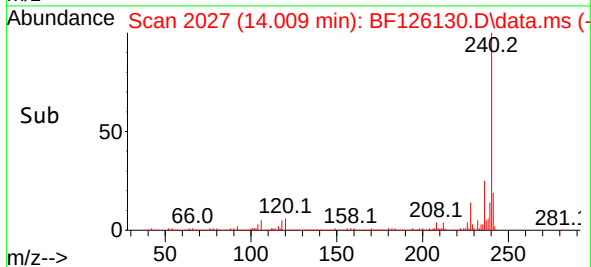
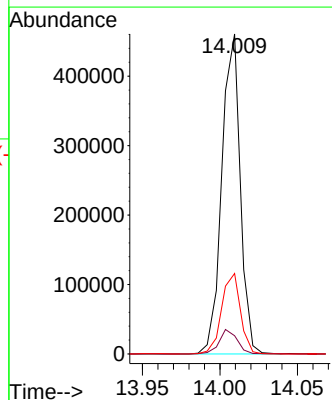
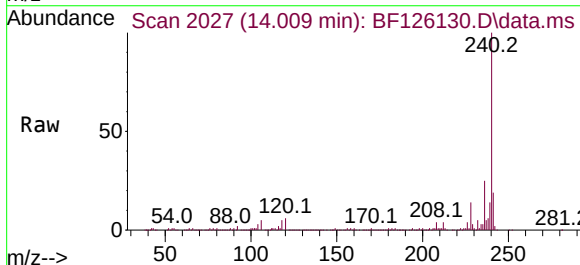
Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10MSD

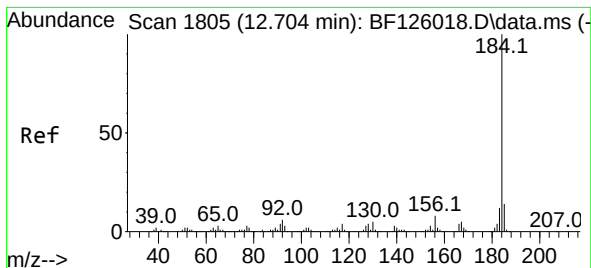
Tgt Ion:202 Resp: 1483701
Ion Ratio Lower Upper
202 100
101 8.6 0.0 30.7
203 18.0 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.001 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

Tgt Ion:240 Resp: 381835
Ion Ratio Lower Upper
240 100
120 5.7 10.8 16.2#
236 25.2 21.6 32.4





#77

Benzidine

Concen: 37.230 ng

RT: 12.698 min Scan# 1804

Delta R.T. -0.006 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

Instrument :

BNA_F

ClientSampleId :

VWE-B20-11921-0-10MSD

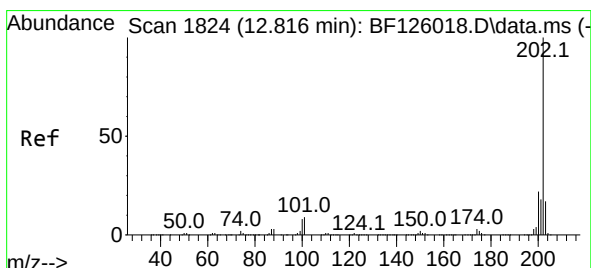
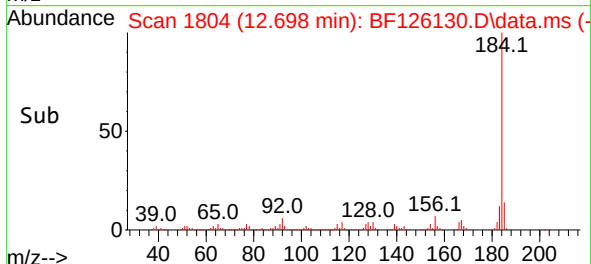
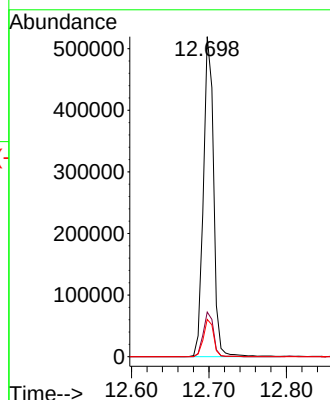
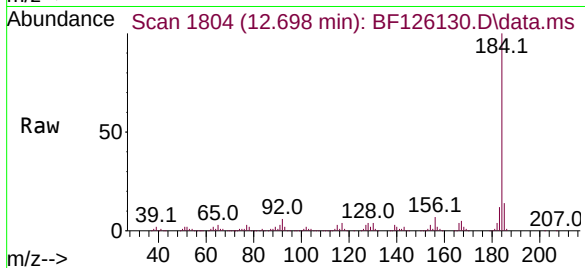
Tgt Ion:184 Resp: 475216

Ion Ratio Lower Upper

184 100

185 14.0 10.8 16.2

183 11.7 8.1 12.1



#78

Pyrene

Concen: 48.480 ng

RT: 12.810 min Scan# 1823

Delta R.T. -0.006 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

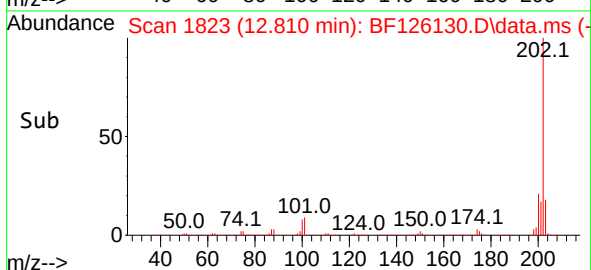
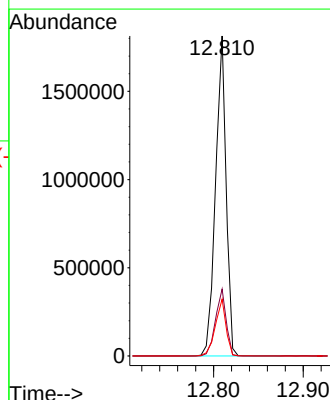
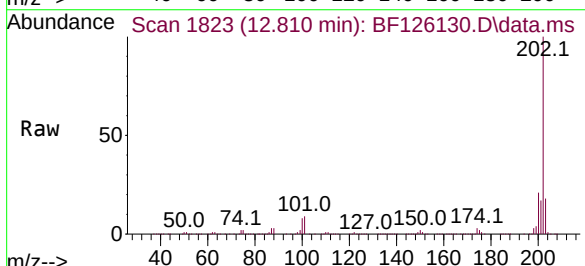
Tgt Ion:202 Resp: 1484517

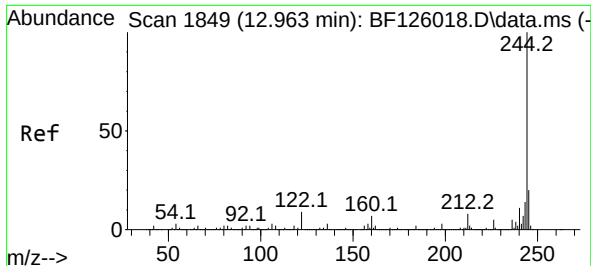
Ion Ratio Lower Upper

202 100

200 20.9 15.3 22.9

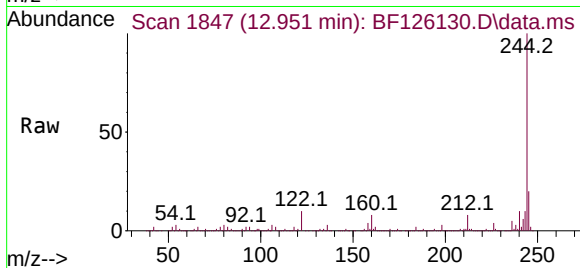
203 17.7 13.4 20.0





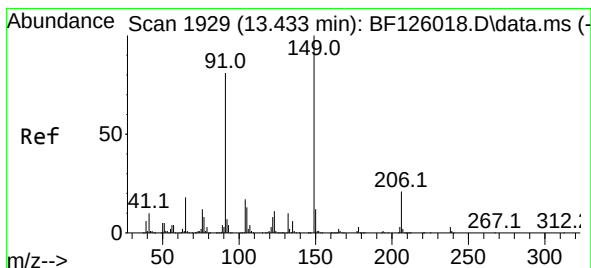
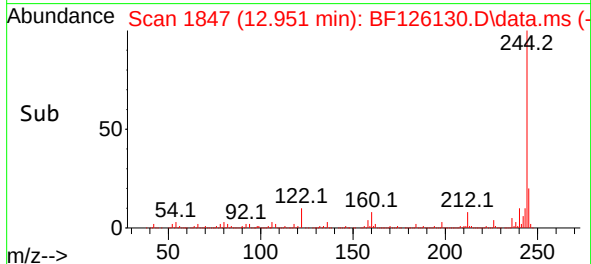
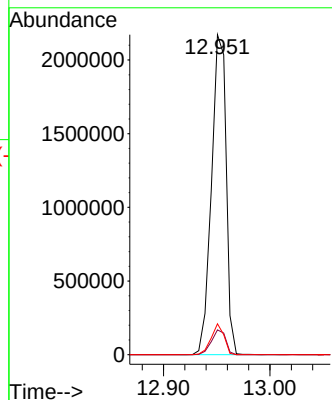
#79
 Terphenyl-d14
 Concen: 88.092 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.012 min
 Lab File: BF126130.D
 Acq: 11 Nov 2021 17:40

Instrument :
 BNA_F
 ClientSampleId :
 VWE-B20-11921-0-10MSD



Tgt Ion:244 Resp: 2085934

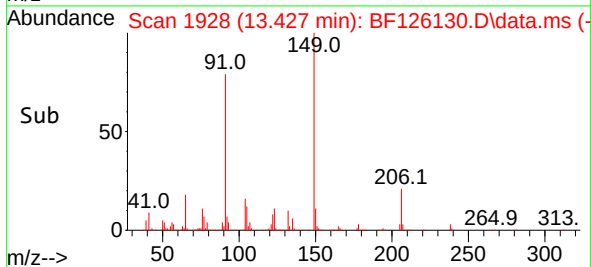
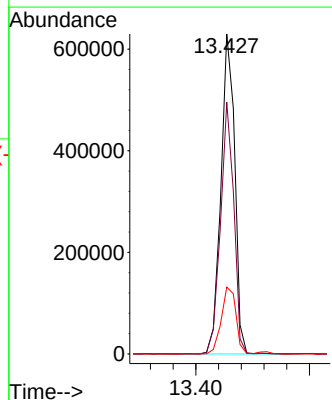
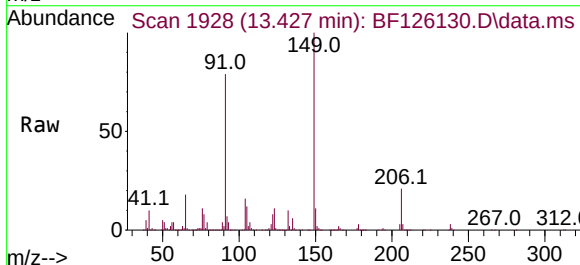
Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	9.7	9.0	13.4

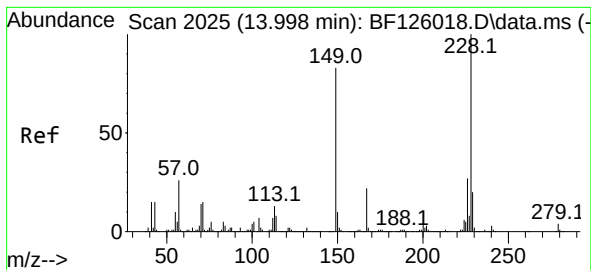


#80
 Butylbenzylphthalate
 Concen: 47.811 ng
 RT: 13.427 min Scan# 1928
 Delta R.T. -0.006 min
 Lab File: BF126130.D
 Acq: 11 Nov 2021 17:40

Tgt Ion:149 Resp: 533272

Ion	Ratio	Lower	Upper
149	100		
91	78.7	51.8	77.8#
206	20.9	14.5	21.7





#81

Benzo(a)anthracene

Concen: 44.493 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

Instrument :

BNA_F

ClientSampleId :

VWE-B20-11921-0-10MSD

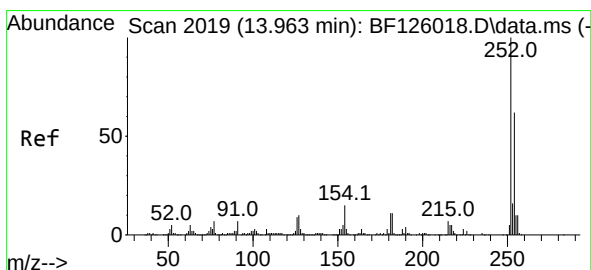
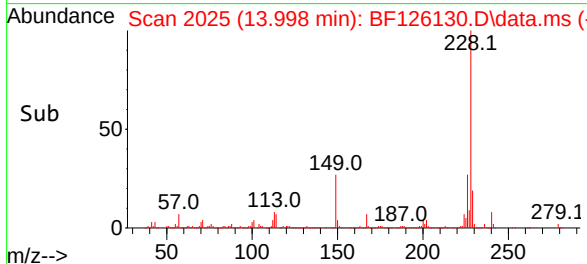
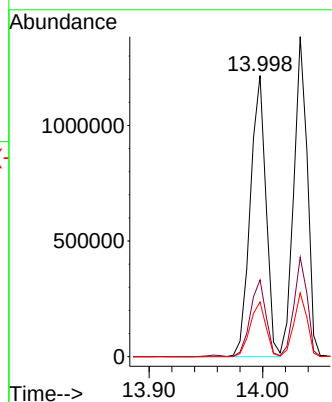
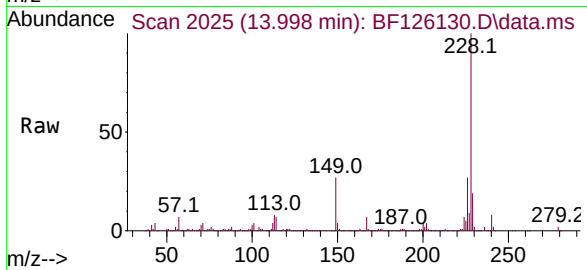
Tgt Ion:228 Resp: 1167107

Ion Ratio Lower Upper

228 100

226 27.3 21.6 32.4

229 19.5 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 38.931 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

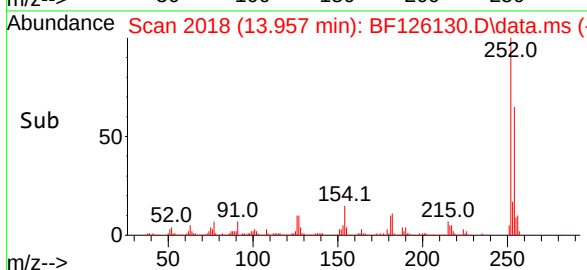
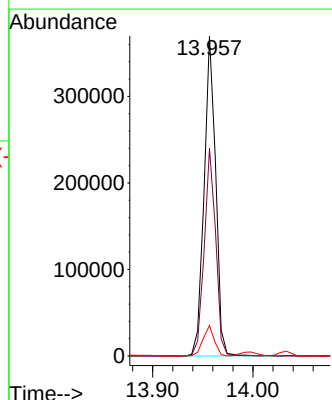
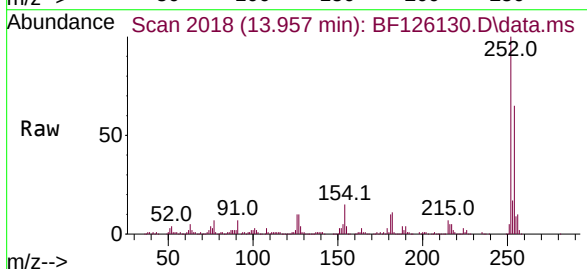
Tgt Ion:252 Resp: 298006

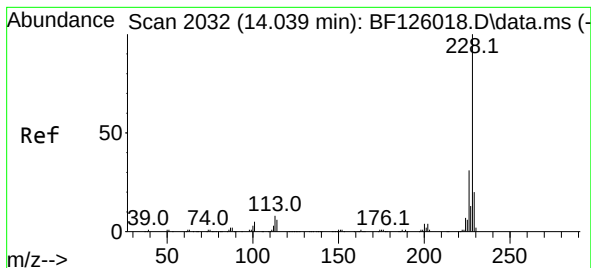
Ion Ratio Lower Upper

252 100

254 64.9 51.4 77.0

126 9.5 9.5 14.3#





#83

Chrysene

Concen: 46.496 ng

RT: 14.033 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

Instrument :

BNA_F

ClientSampleId :

VWE-B20-11921-0-10MSD

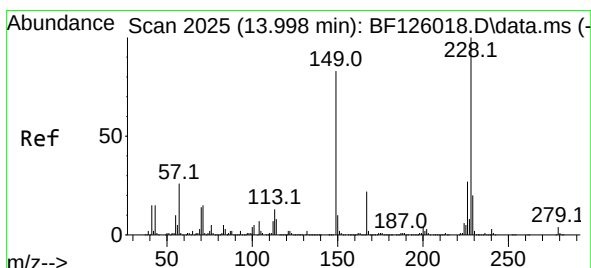
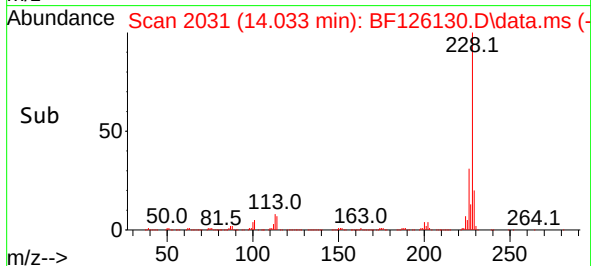
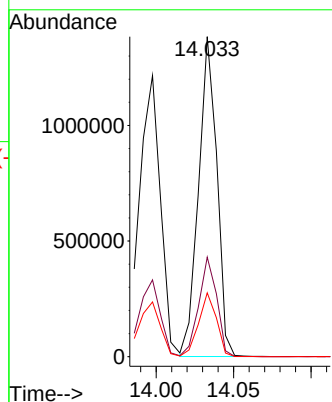
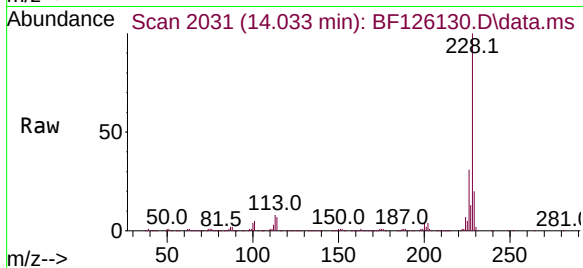
Tgt Ion:228 Resp: 1134858

Ion Ratio Lower Upper

228 100

226 31.1 22.6 34.0

229 20.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.983 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

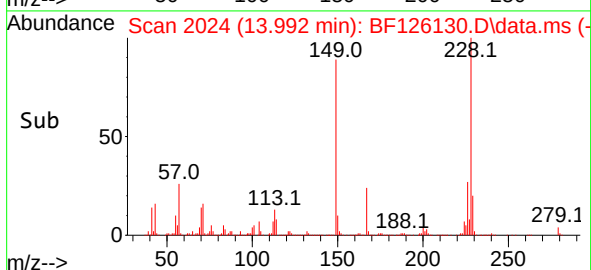
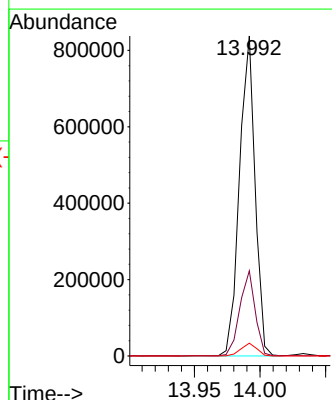
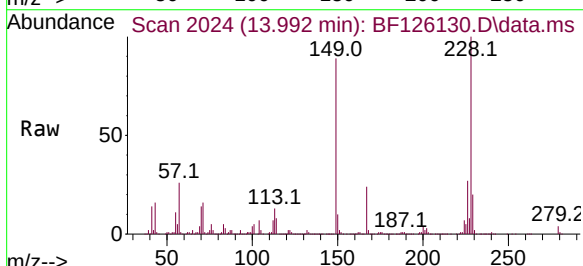
Tgt Ion:149 Resp: 695385

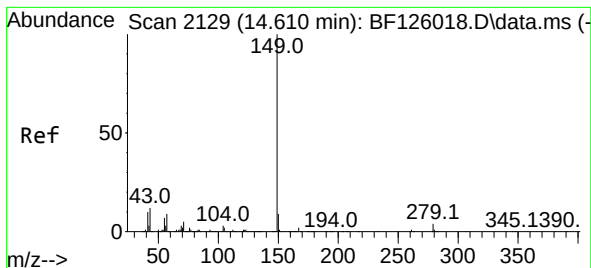
Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.0

279 4.0 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 50.072 ng

RT: 14.604 min Scan# 2129

Delta R.T. -0.006 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

Instrument :

BNA_F

ClientSampleId :

VWE-B20-11921-0-10MSD

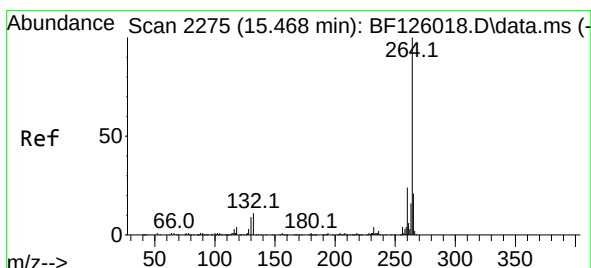
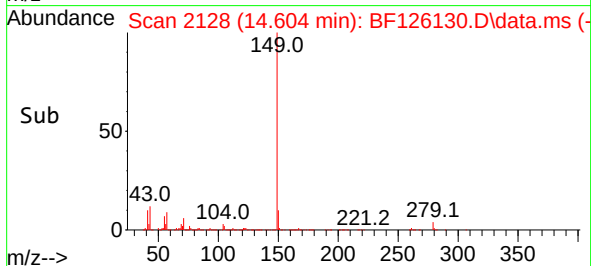
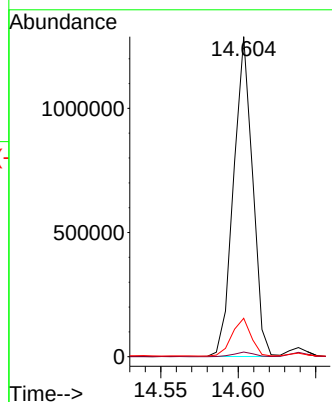
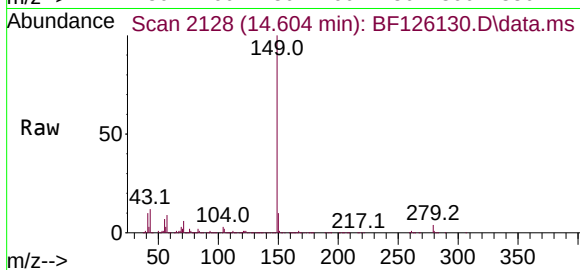
Tgt Ion:149 Resp: 1099763

Ion Ratio Lower Upper

149 100

167 1.6 1.0 1.6#

43 11.8 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. 0.000 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

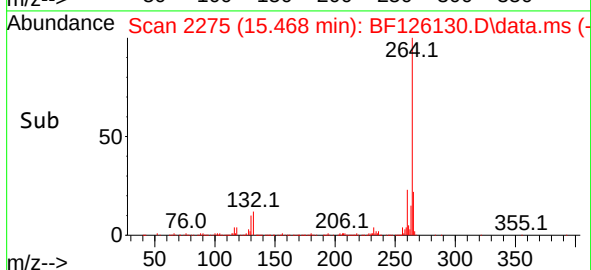
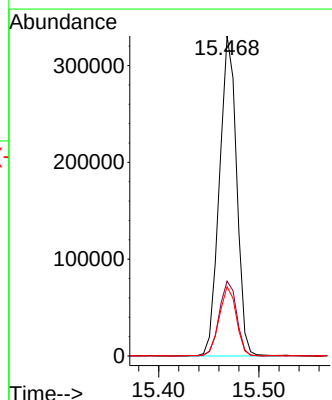
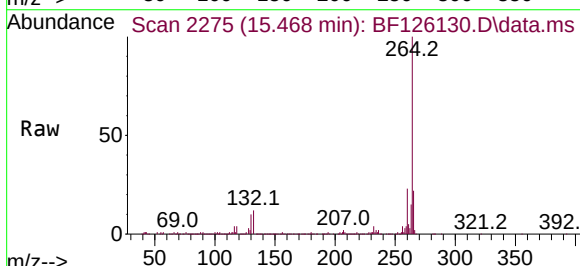
Tgt Ion:264 Resp: 393788

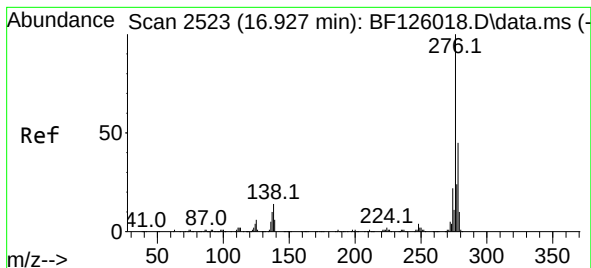
Ion Ratio Lower Upper

264 100

260 23.4 19.6 29.4

265 21.6 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.070 ng

RT: 16.933 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

Instrument :

BNA_F

ClientSampleId :

VVE-B20-11921-0-10MSD

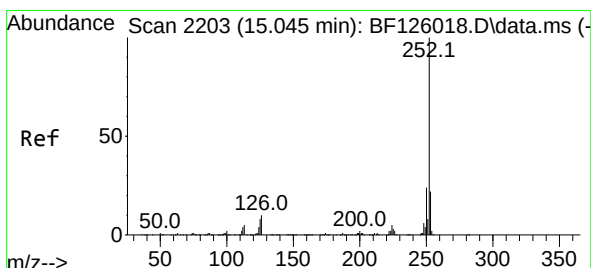
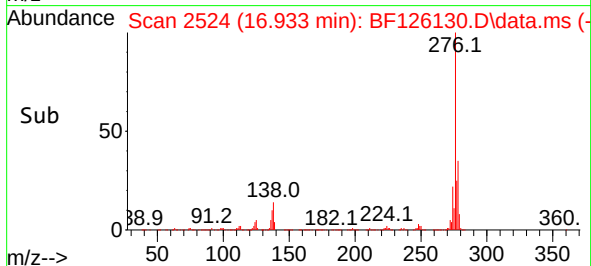
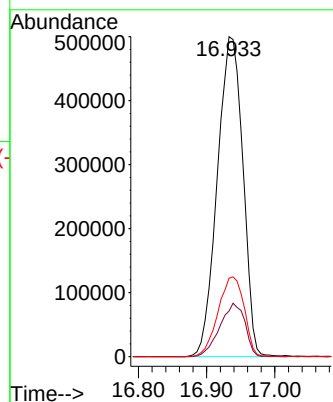
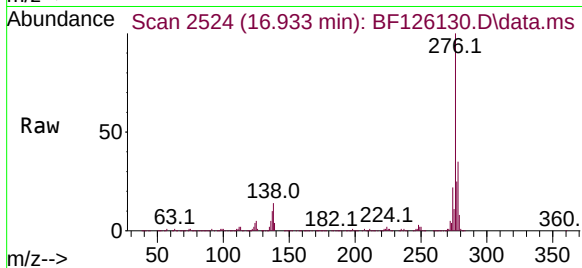
Tgt Ion:276 Resp: 1306888

Ion Ratio Lower Upper

276 100

138 16.5 24.1 36.1#

277 25.5 18.8 28.2



#88

Benzo(b)fluoranthene

Concen: 47.499 ng

RT: 15.045 min Scan# 2203

Delta R.T. -0.000 min

Lab File: BF126130.D

Acq: 11 Nov 2021 17:40

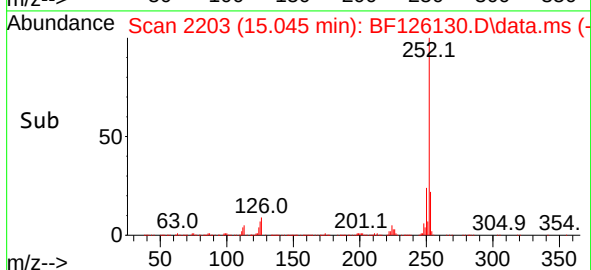
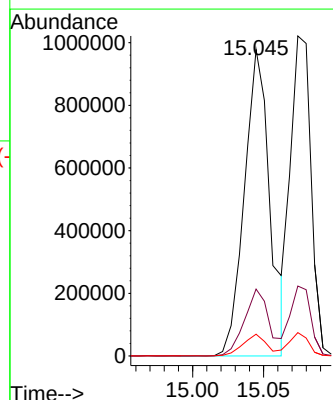
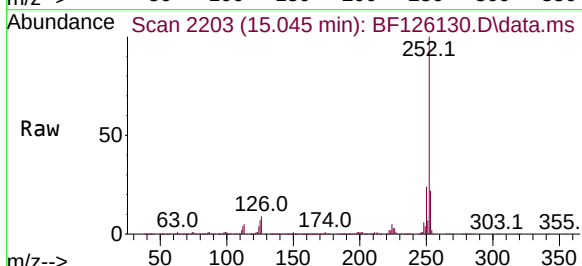
Tgt Ion:252 Resp: 1216650

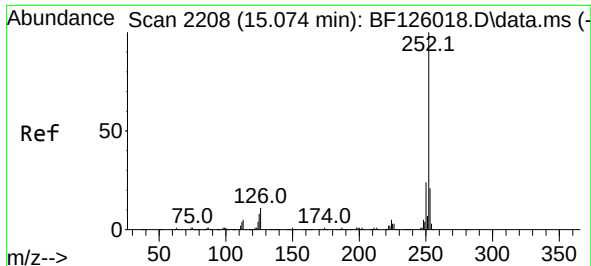
Ion Ratio Lower Upper

252 100

253 21.8 16.8 25.2

125 7.1 9.8 14.8#

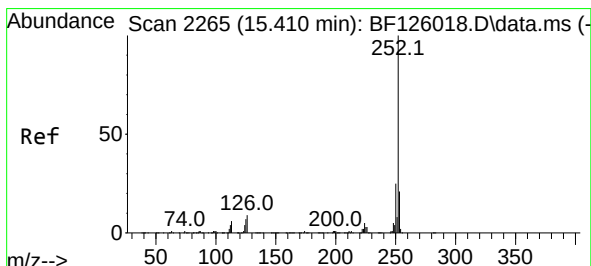
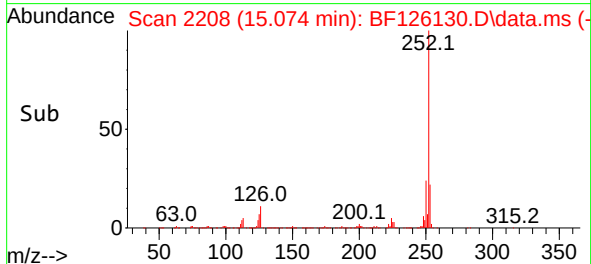
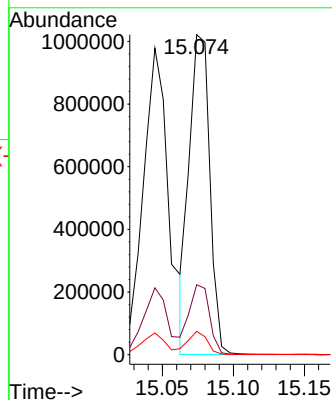
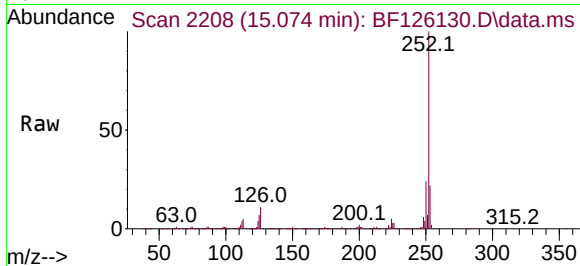




#89
Benzo(k)fluoranthene
Concen: 41.458 ng
RT: 15.074 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

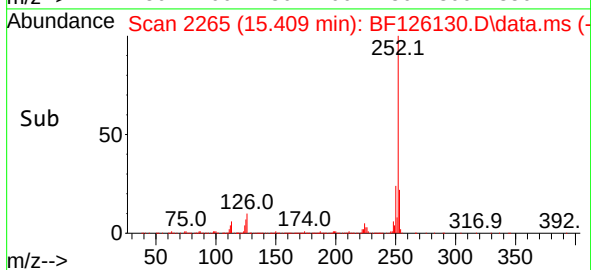
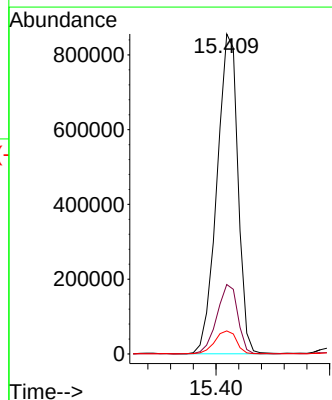
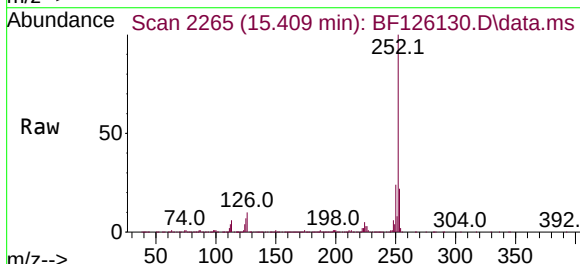
Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10MSD

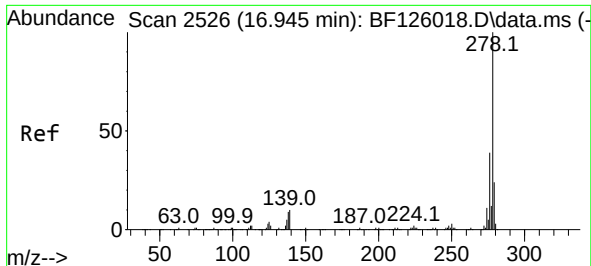
Tgt Ion:252 Resp: 1030091
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 7.3 7.2 10.8



#90
Benzo(a)pyrene
Concen: 54.479 ng
RT: 15.409 min Scan# 2265
Delta R.T. -0.001 min
Lab File: BF126130.D
Acq: 11 Nov 2021 17:40

Tgt Ion:252 Resp: 1099370
Ion Ratio Lower Upper
252 100
253 21.7 18.4 27.6
125 7.2 9.9 14.9#

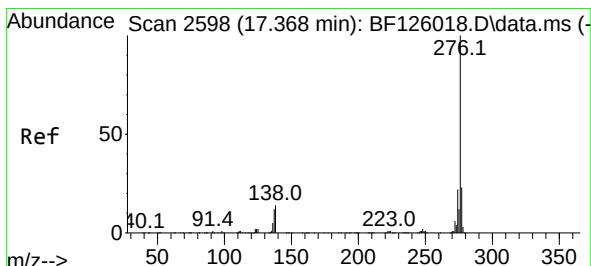
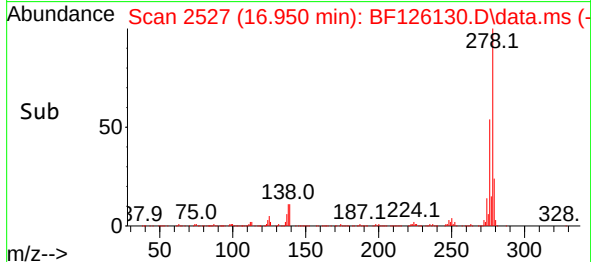
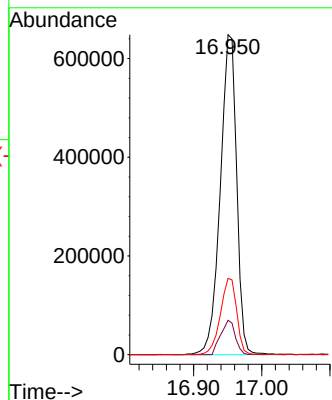
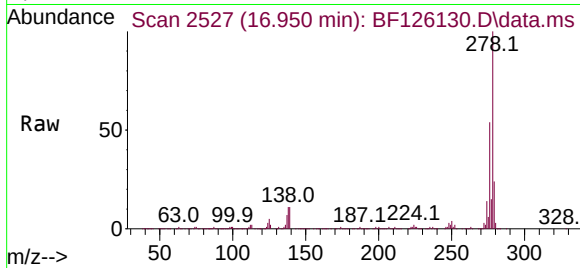




#91
 Dibenzo(a,h)anthracene
 Concen: 56.635 ng
 RT: 16.950 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BF126130.D
 Acq: 11 Nov 2021 17:40

Instrument :
 BNA_F
 ClientSampleId :
 VWE-B20-11921-0-10MSD

Tgt Ion:278 Resp: 1084219
 Ion Ratio Lower Upper
 278 100
 139 10.8 14.9 22.3#
 279 23.9 19.7 29.5



#92
 Benzo(g,h,i)perylene
 Concen: 58.620 ng
 RT: 17.380 min Scan# 2600
 Delta R.T. 0.012 min
 Lab File: BF126130.D
 Acq: 11 Nov 2021 17:40

Tgt Ion:276 Resp: 1076269
 Ion Ratio Lower Upper
 276 100
 277 23.3 22.0 33.0
 138 13.6 22.2 33.4#

