

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
 Data File : BF127505.D
 Acq On : 24 Mar 2022 16:24
 Operator : CG\JU
 Sample : N2062-07MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5MSD

Quant Time: Mar 24 17:16:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	90315	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	326129	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	177170	20.000	ng	0.00
64) Phenanthrene-d10	11.381	188	264231	20.000	ng	0.00
76) Chrysene-d12	14.027	240	180717	20.000	ng	0.00
86) Perylene-d12	15.510	264	199739	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	436287	77.109	ng	0.01
7) Phenol-d6	6.487	99	392399	50.736	ng	0.00
23) Nitrobenzene-d5	7.422	82	738358	96.777	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	244740	129.676	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1162195	95.788	ng	0.00
79) Terphenyl-d14	12.963	244	903204	81.816	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.658	88	63718	25.640	ng	95
3) Pyridine	3.434	79	131373	18.730	ng	98
4) n-Nitrosodimethylamine	3.381	42	98829	25.663	ng	95
6) Aniline	6.516	93	201932	21.879	ng	96
8) 2-Chlorophenol	6.640	128	263808	45.626	ng	99
9) Benzaldehyde	6.404	77	206501	54.560	ng	99
10) Phenol	6.504	94	181277	21.522	ng	100
11) bis(2-Chloroethyl)ether	6.587	93	332573	53.962	ng	98
12) 1,3-Dichlorobenzene	6.787	146	315409	48.500	ng	98
13) 1,4-Dichlorobenzene	6.863	146	321942	49.215	ng	98
14) 1,2-Dichlorobenzene	7.016	146	306592	48.121	ng	99
15) Benzyl Alcohol	6.998	79	212264	37.765	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.122	45	582788	52.549	ng	84
17) 2-Methylphenol	7.110	107	183999	37.708	ng	# 92
18) Hexachloroethane	7.351	117	144686	60.416	ng	91
19) n-Nitroso-di-n-propyla...	7.269	70	254993	55.003	ng	99
20) 3+4-Methylphenols	7.263	107	201431	33.468	ng	# 42
22) Acetophenone	7.263	105	429212	51.485	ng	92
24) Nitrobenzene	7.440	77	381707	52.460	ng	99
25) Isophorone	7.675	82	700568	57.652	ng	100
26) 2-Nitrophenol	7.751	139	158680	51.999	ng	99
27) 2,4-Dimethylphenol	7.792	122	249876	54.435	ng	98
28) bis(2-Chloroethoxy)met...	7.881	93	414290	52.483	ng	100
29) 2,4-Dichlorophenol	7.998	162	250171	48.007	ng	97
30) 1,2,4-Trichlorobenzene	8.075	180	295069	48.592	ng	98
31) Naphthalene	8.157	128	860044	49.671	ng	98
32) Benzoic acid	7.922	122	40330	19.405	ng	95
33) 4-Chloroaniline	8.210	127	58409	8.705	ng	96
34) Hexachlorobutadiene	8.263	225	183796	47.665	ng	98
35) Caprolactam	8.610	113	16057	9.995	ng	# 80
36) 4-Chloro-3-methylphenol	8.692	107	245416	43.406	ng	96
37) 2-Methylnaphthalene	8.845	142	565122	50.759	ng	100
38) 1-Methylnaphthalene	8.945	142	534707	48.570	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	291648	51.773	ng	98
41) Hexachlorocyclopentadiene	8.992	237	183497	89.130	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	171933	50.492	ng	97

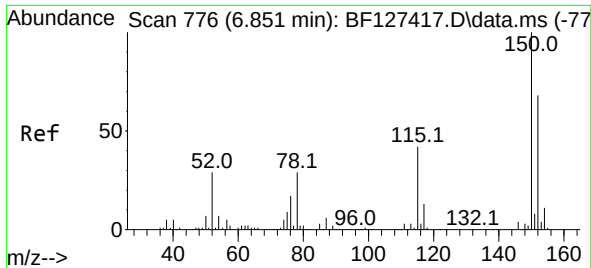
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 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	183057	52.224	ng	99
46) 1,1'-Biphenyl	9.310	154	684926	51.187	ng	99
47) 2-Chloronaphthalene	9.339	162	537171	50.979	ng	99
48) 2-Nitroaniline	9.445	65	201248	49.833	ng	99
49) Acenaphthylene	9.757	152	828601	52.016	ng	100
50) Dimethylphthalate	9.616	163	633048	51.361	ng	99
51) 2,6-Dinitrotoluene	9.686	165	132942	51.383	ng	95
52) Acenaphthene	9.928	154	481621	51.819	ng	99
53) 3-Nitroaniline	9.857	138	26912	9.482	ng	# 91
54) 2,4-Dinitrophenol	9.975	184	104921	80.313	ng	98
55) Dibenzofuran	10.098	168	699449	52.724	ng	100
56) 4-Nitrophenol	10.039	139	41768	28.915	ng	# 62
57) 2,4-Dinitrotoluene	10.092	165	159061	47.763	ng	93
58) Fluorene	10.439	166	561950	52.602	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	141139	45.543	ng	# 95
60) Diethylphthalate	10.310	149	555116	49.310	ng	100
61) 4-Chlorophenyl-phenyle...	10.428	204	294543	46.238	ng	96
62) 4-Nitroaniline	10.475	138	100075	37.645	ng	98
63) Azobenzene	10.592	77	631475	47.539	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	81119	49.892	ng	97
66) n-Nitrosodiphenylamine	10.551	169	470451	58.489	ng	100
67) 4-Bromophenyl-phenylether	10.922	248	175390	56.854	ng	96
68) Hexachlorobenzene	10.986	284	195613	58.090	ng	97
69) Atrazine	11.086	200	139239	51.999	ng	96
70) Pentachlorophenol	11.192	266	143747	107.987	ng	98
71) Phenanthrene	11.410	178	714911	51.897	ng	99
72) Anthracene	11.463	178	723887	52.953	ng	99
73) Carbazole	11.622	167	597162	45.678	ng	99
74) Di-n-butylphthalate	11.933	149	741585	54.801	ng	100
75) Fluoranthene	12.598	202	677479	44.714	ng	99
77) Benzidine	12.733	184	14032	3.256	ng	# 80
78) Pyrene	12.827	202	678782	43.765	ng	100
80) Butylbenzylphthalate	13.433	149	249113	48.802	ng	99
81) Benzo(a)anthracene	14.016	228	626015	51.799	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	87354	24.594	ng	99
83) Chrysene	14.057	228	588015	51.381	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	352193	59.687	ng	99
85) Di-n-octyl phthalate	14.598	149	629495	80.169	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	595142	44.034	ng	99
88) Benzo(b)fluoranthene	15.074	252	674165	53.531	ng	99
89) Benzo(k)fluoranthene	15.104	252	588488	45.075	ng	100
90) Benzo(a)pyrene	15.451	252	625521	60.520	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	533074	47.773	ng	97
92) Benzo(g,h,i)perylene	17.468	276	495192	42.934	ng	99

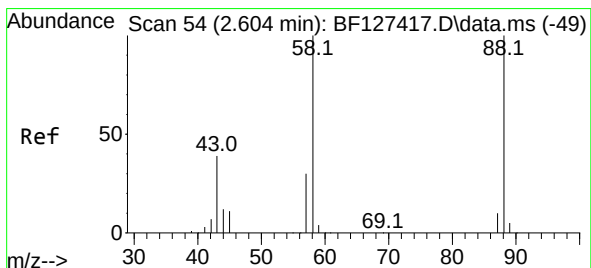
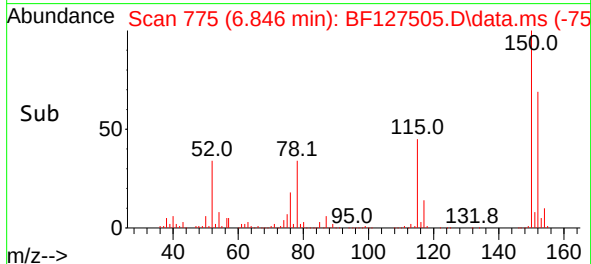
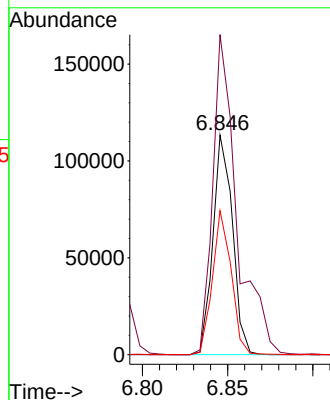
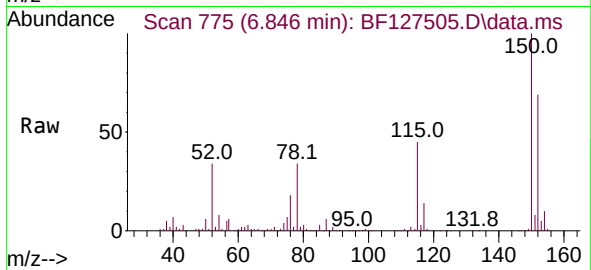
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.846 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF127505.D
 Acq: 24 Mar 2022 16:24

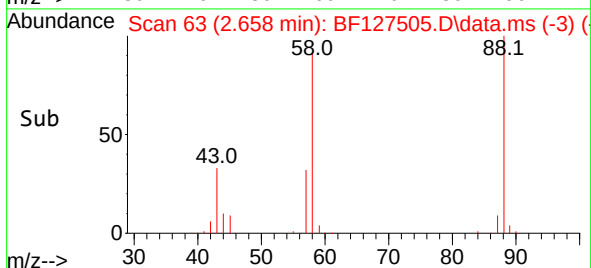
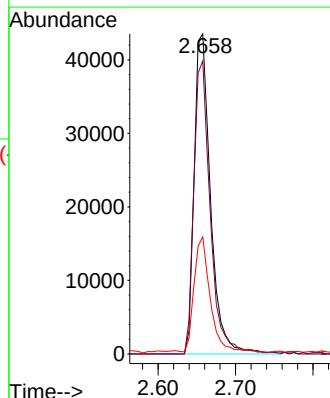
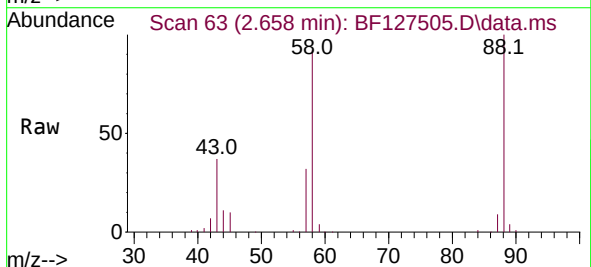
Instrument :
 BNA_F
 ClientSampleId :
 MW-5MSD

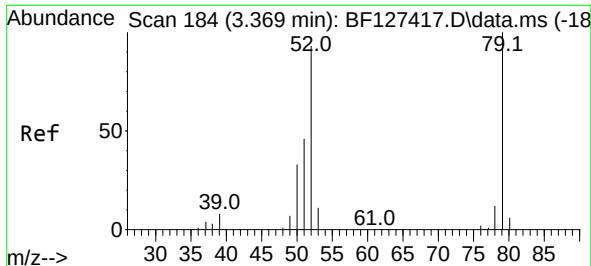
Tgt Ion:152 Resp: 90315
 Ion Ratio Lower Upper
 152 100
 150 145.8 117.2 175.8
 115 65.6 49.8 74.6



#2
 1,4-Dioxane
 Concen: 25.640 ng
 RT: 2.658 min Scan# 63
 Delta R.T. 0.053 min
 Lab File: BF127505.D
 Acq: 24 Mar 2022 16:24

Tgt Ion: 88 Resp: 63718
 Ion Ratio Lower Upper
 88 100
 58 91.9 77.0 115.4
 43 36.0 31.3 46.9

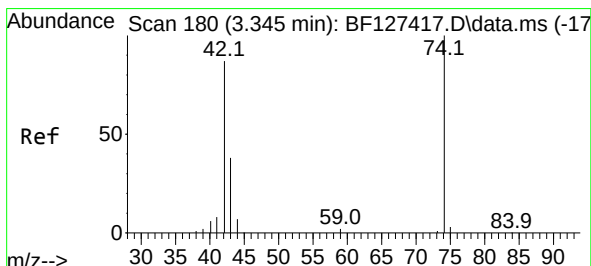
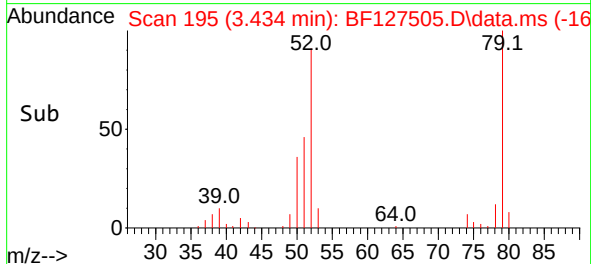
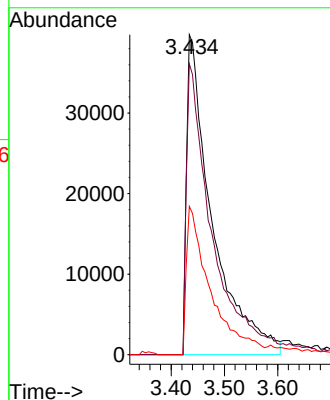
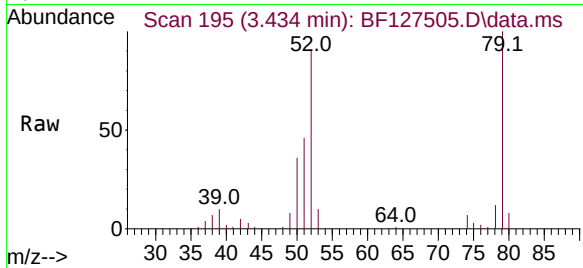




#3
Pyridine
Concen: 18.730 ng
RT: 3.434 min Scan# 184
Delta R.T. 0.065 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

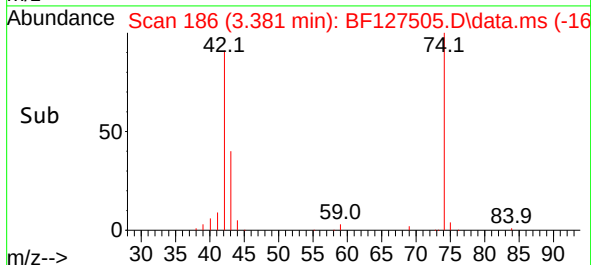
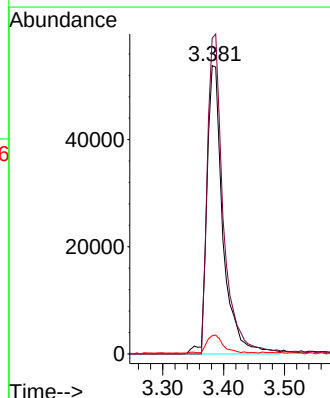
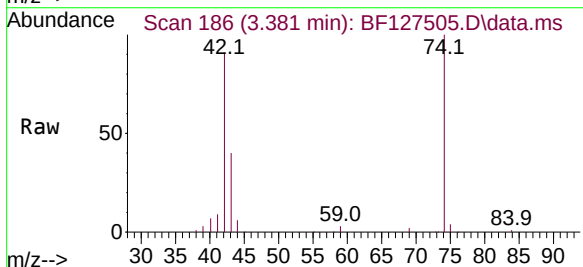
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ClientSampleId :
MW-5MSD

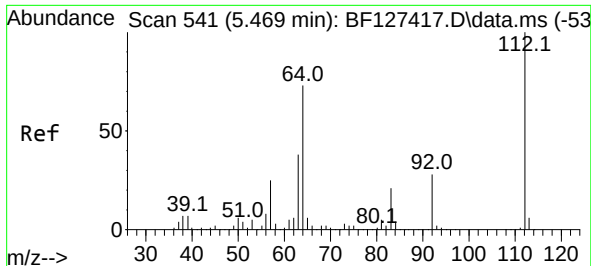
Tgt Ion: 79 Resp: 131373
Ion Ratio Lower Upper
79 100
52 90.9 74.2 111.4
51 46.4 36.7 55.1



#4
n-Nitrosodimethylamine
Concen: 25.663 ng
RT: 3.381 min Scan# 186
Delta R.T. 0.036 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion: 42 Resp: 98829
Ion Ratio Lower Upper
42 100
74 109.5 92.4 138.6
44 6.3 6.0 9.0

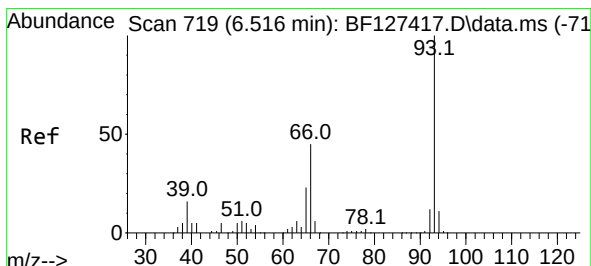
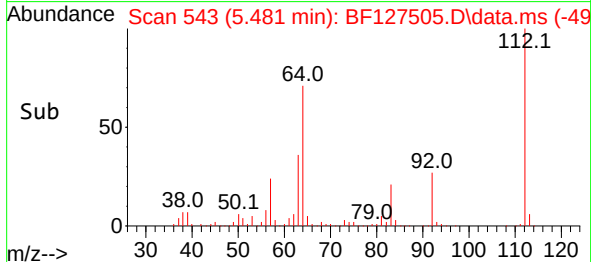
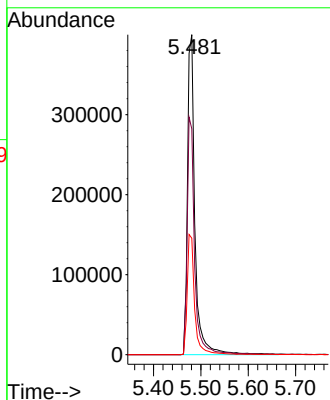
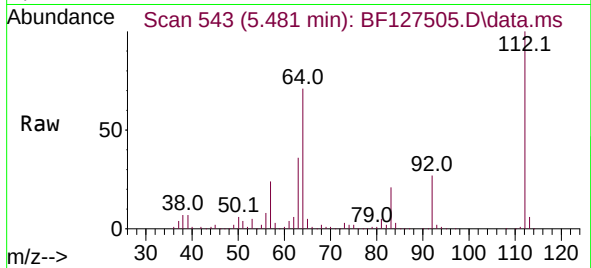




#5
2-Fluorophenol
Concen: 77.109 ng
RT: 5.481 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

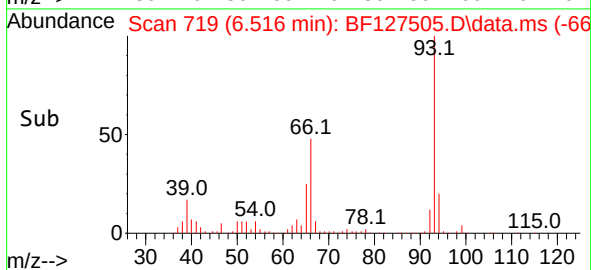
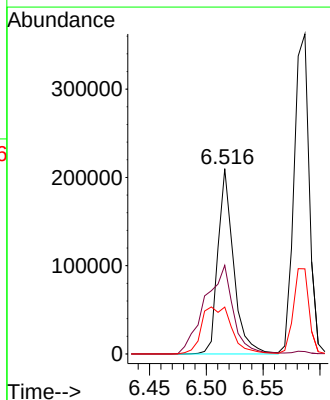
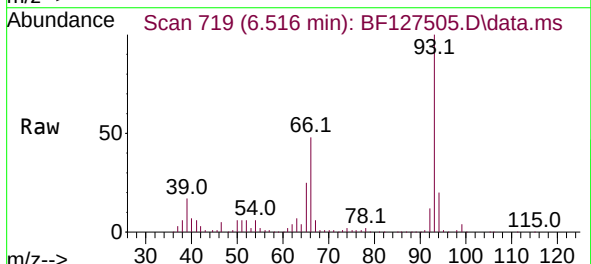
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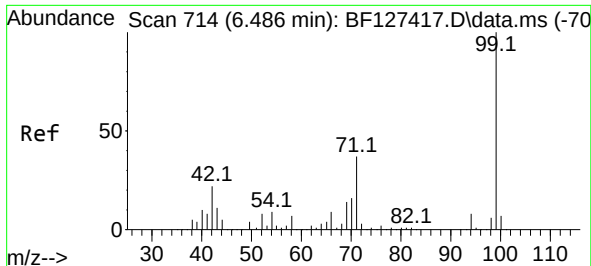
Tgt Ion:112 Resp: 436287
Ion Ratio Lower Upper
112 100
64 70.6 58.4 87.6
63 36.4 30.1 45.1



#6
Aniline
Concen: 21.879 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion: 93 Resp: 201932
Ion Ratio Lower Upper
93 100
66 47.8 36.2 54.4
65 25.3 18.4 27.6

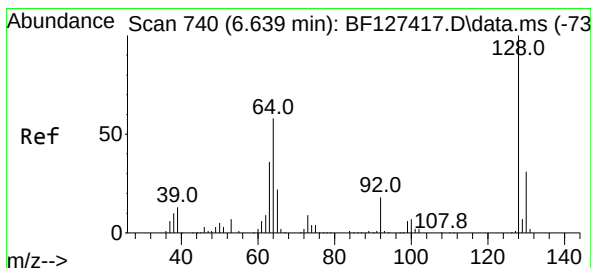
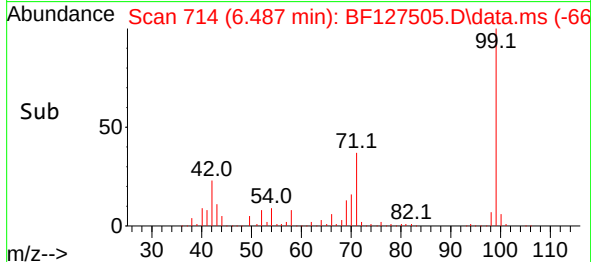
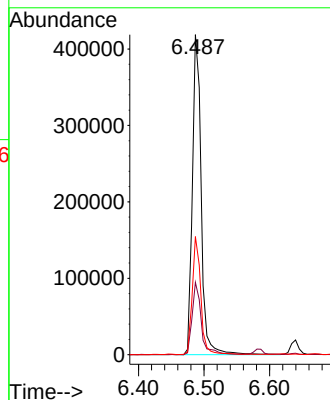
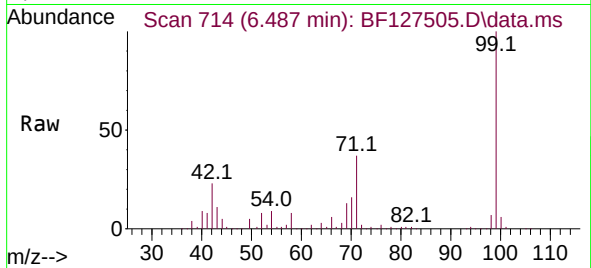




#7
Phenol-d6
Concen: 50.736 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

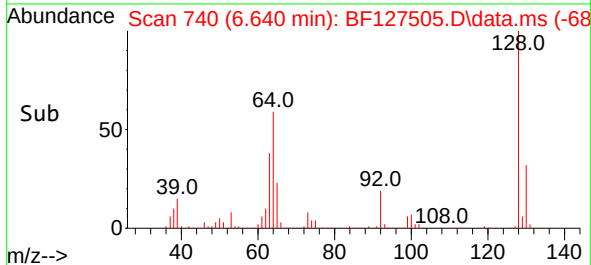
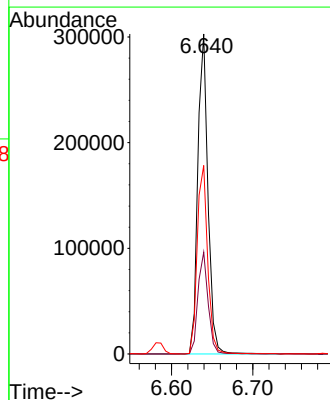
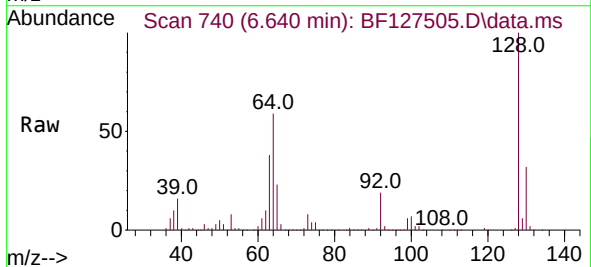
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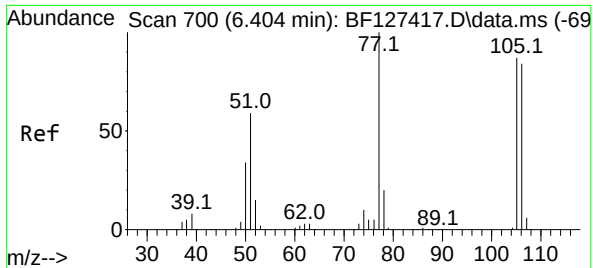
Tgt Ion: 99 Resp: 392399
Ion Ratio Lower Upper
99 100
42 22.6 17.8 26.6
71 36.9 29.6 44.4



#8
2-Chlorophenol
Concen: 45.626 ng
RT: 6.640 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion: 128 Resp: 263808
Ion Ratio Lower Upper
128 100
130 31.8 11.3 51.3
64 58.9 38.4 78.4





#9

Benzaldehyde

Concen: 54.560 ng

RT: 6.404 min Scan# 700

Delta R.T. 0.000 min

Lab File: BF127505.D

Acq: 24 Mar 2022 16:24

Instrument :

BNA_F

ClientSampleId :

MW-5MSD

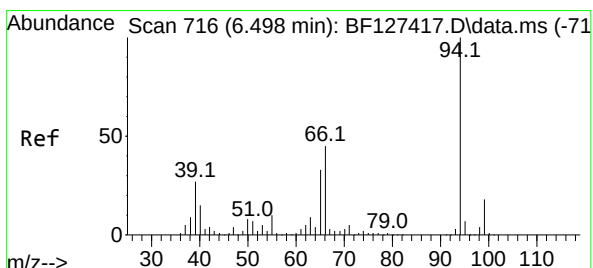
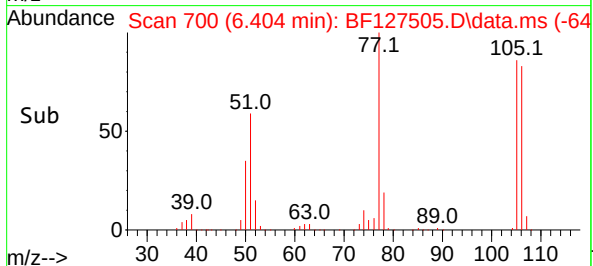
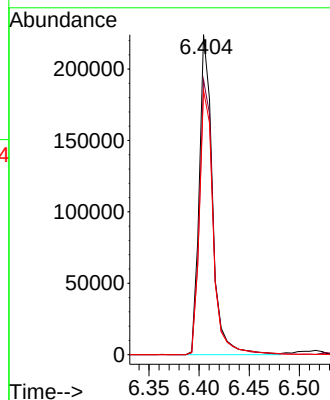
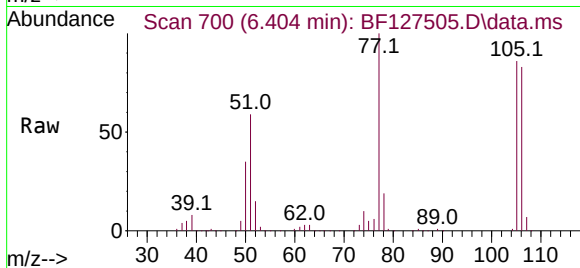
Tgt Ion: 77 Resp: 206501

Ion Ratio Lower Upper

77 100

105 85.8 66.8 106.8

106 82.5 64.3 104.3



#10

Phenol

Concen: 21.522 ng

RT: 6.504 min Scan# 717

Delta R.T. 0.006 min

Lab File: BF127505.D

Acq: 24 Mar 2022 16:24

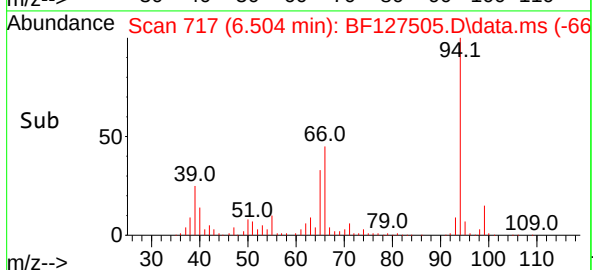
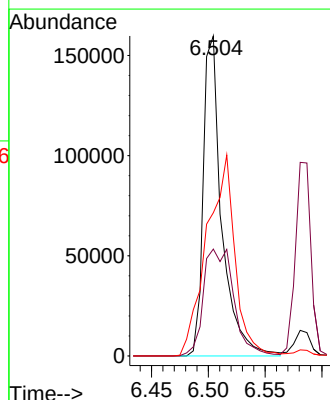
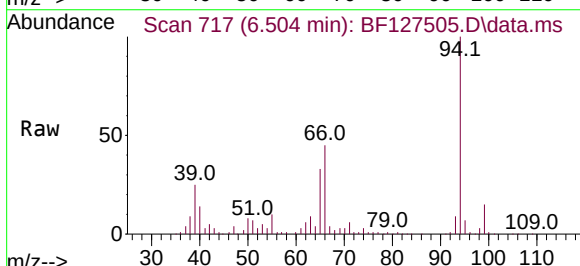
Tgt Ion: 94 Resp: 181277

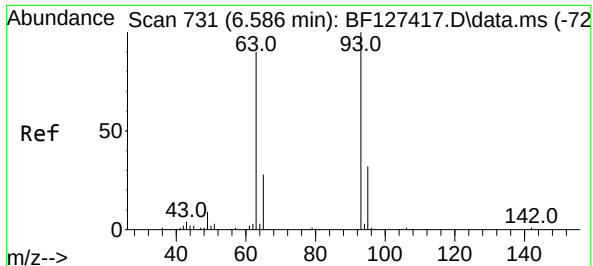
Ion Ratio Lower Upper

94 100

65 33.4 13.1 53.1

66 44.8 24.9 64.9

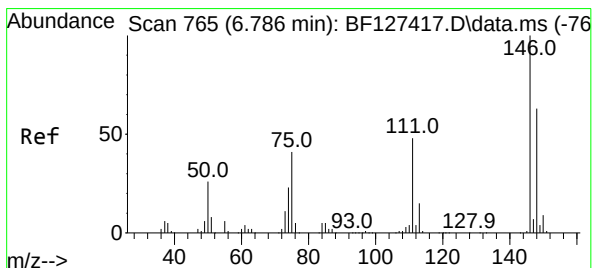
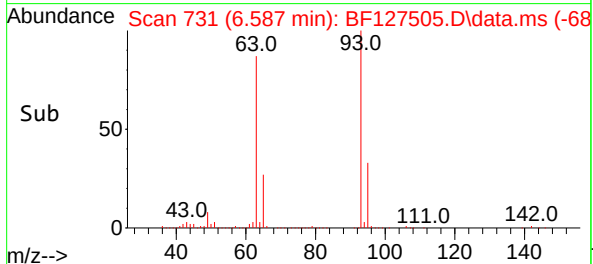
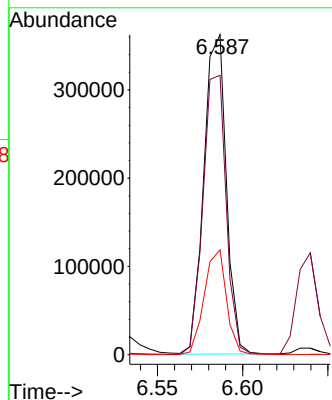
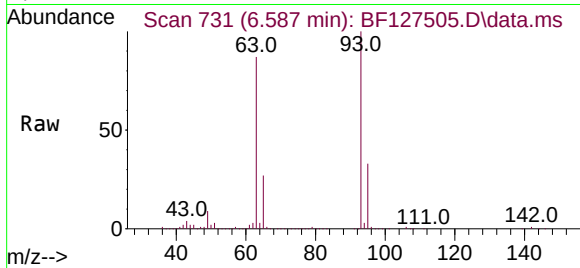




#11
bis(2-Chloroethyl)ether
Concen: 53.962 ng
RT: 6.587 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

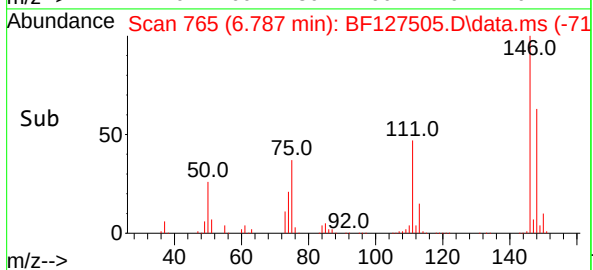
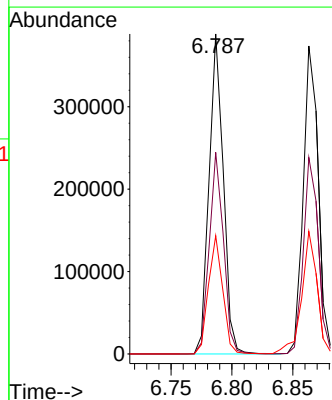
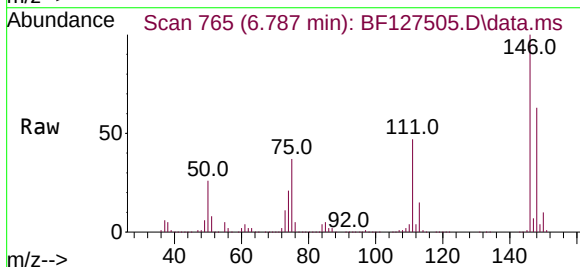
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

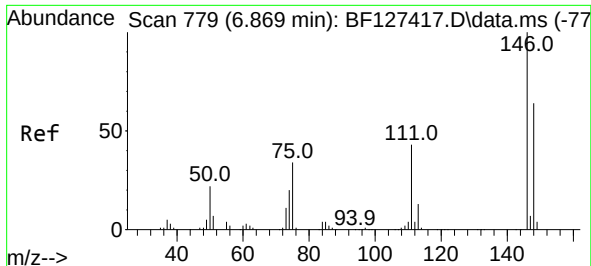
Tgt Ion: 93 Resp: 332573
Ion Ratio Lower Upper
93 100
63 87.3 69.6 109.6
95 32.7 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 48.500 ng
RT: 6.787 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion:146 Resp: 315409
Ion Ratio Lower Upper
146 100
148 63.0 50.6 76.0
75 36.9 32.4 48.6





#13

1,4-Dichlorobenzene

Concen: 49.215 ng

RT: 6.863 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF127505.D

Acq: 24 Mar 2022 16:24

Instrument :

BNA_F

ClientSampleId :

MW-5MSD

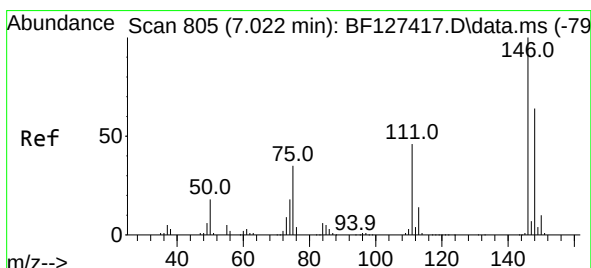
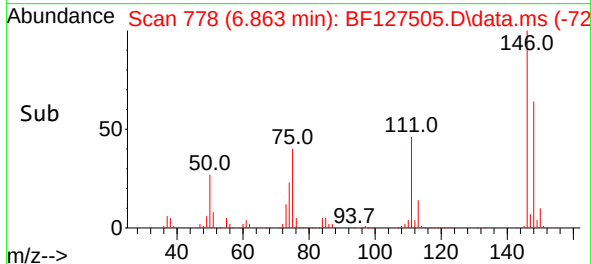
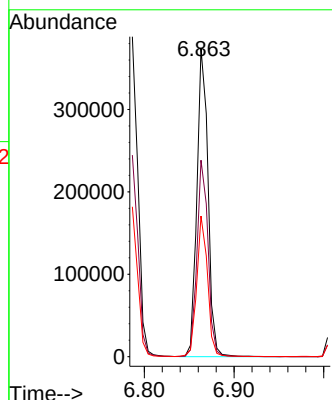
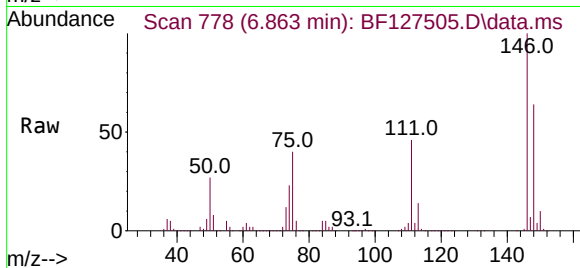
Tgt Ion:146 Resp: 321942

Ion Ratio Lower Upper

146 100

148 63.8 51.3 76.9

111 45.6 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 48.121 ng

RT: 7.016 min Scan# 804

Delta R.T. -0.006 min

Lab File: BF127505.D

Acq: 24 Mar 2022 16:24

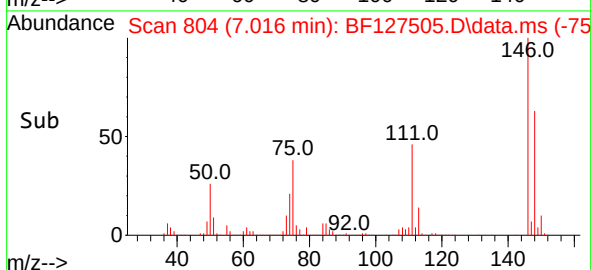
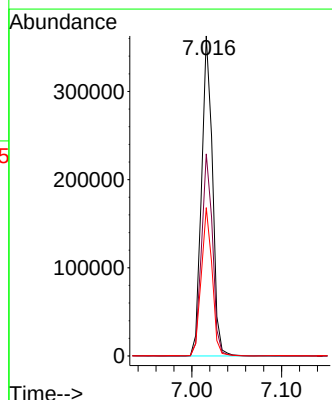
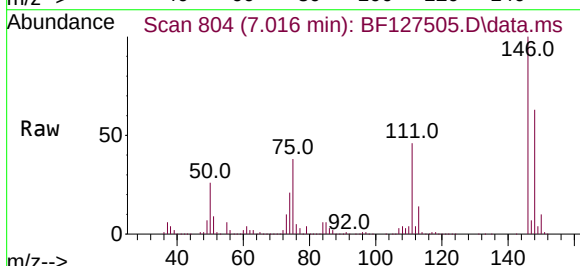
Tgt Ion:146 Resp: 306592

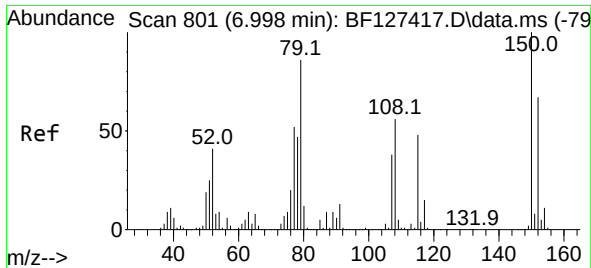
Ion Ratio Lower Upper

146 100

148 63.1 51.4 77.2

111 46.4 36.4 54.6

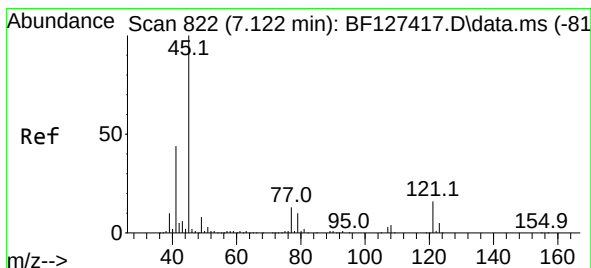
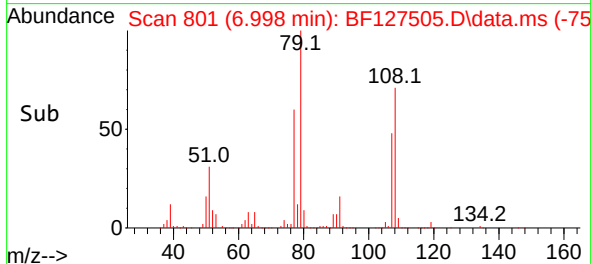
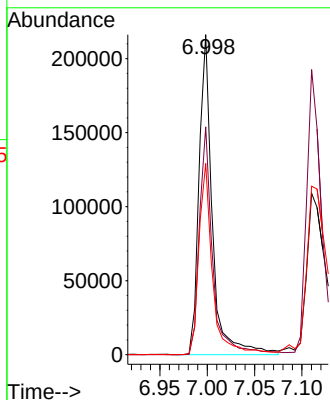
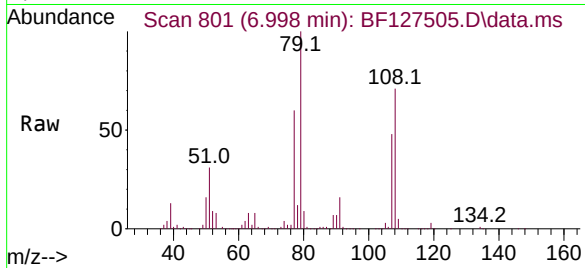




#15
Benzyl Alcohol
Concen: 37.765 ng
RT: 6.998 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

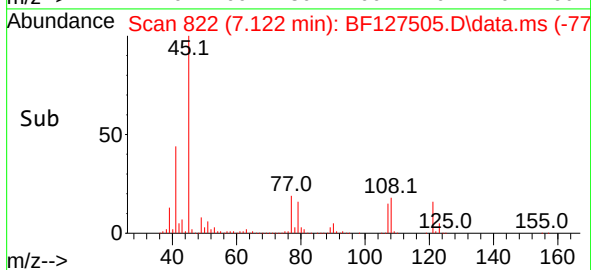
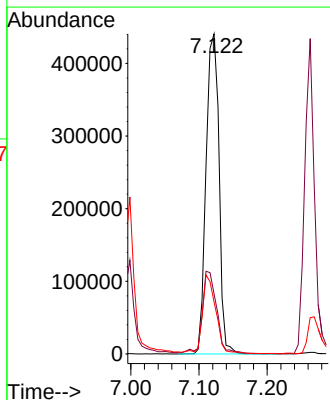
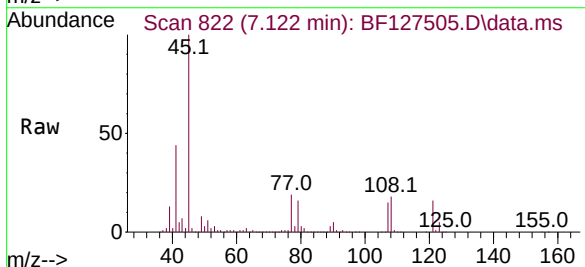
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

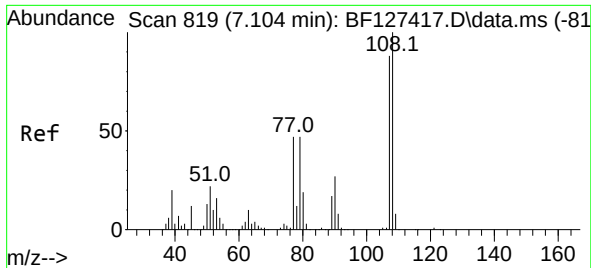
Tgt Ion: 79 Resp: 212264
Ion Ratio Lower Upper
79 100
108 71.2 52.2 78.2
77 59.8 48.3 72.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.549 ng
RT: 7.122 min Scan# 822
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion: 45 Resp: 582788
Ion Ratio Lower Upper
45 100
77 18.8 0.0 32.9
79 16.3 0.0 29.9

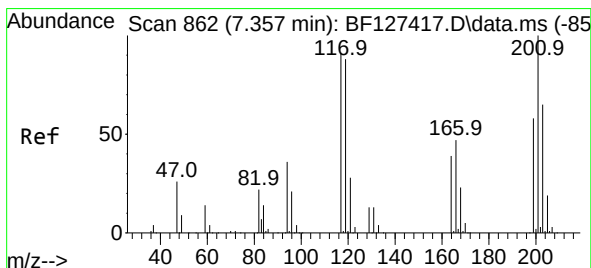
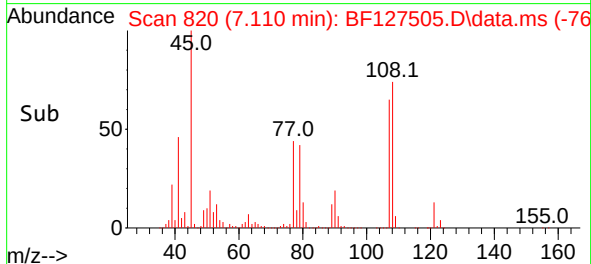
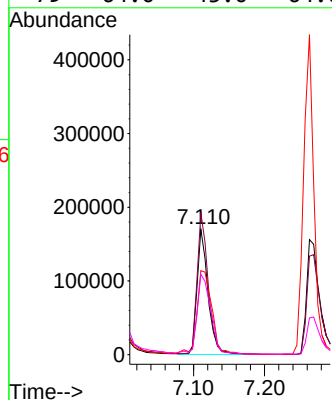
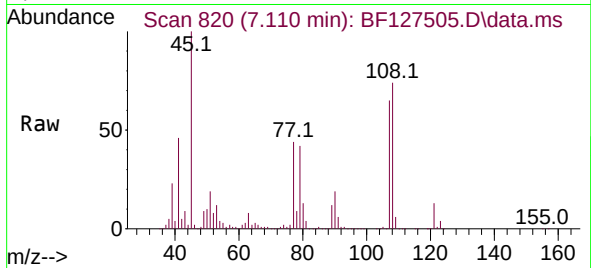




#17
2-Methylphenol
Concen: 37.708 ng
RT: 7.110 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

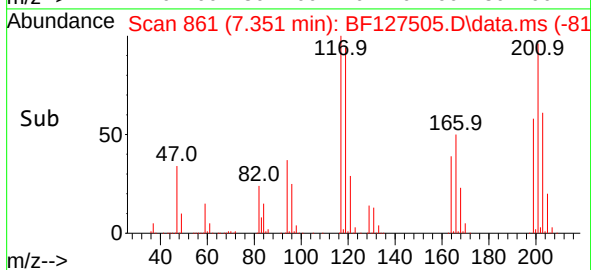
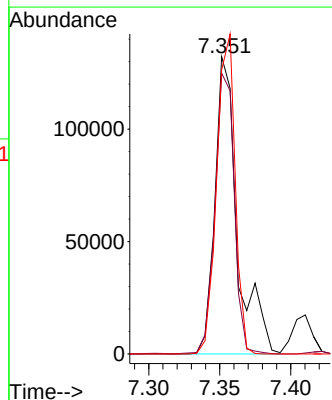
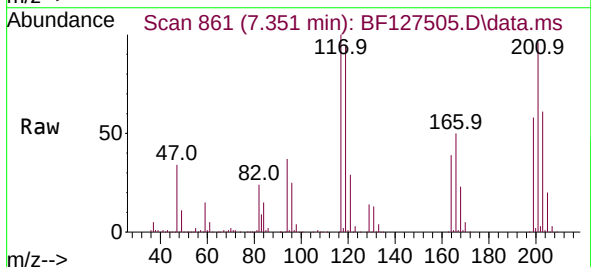
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

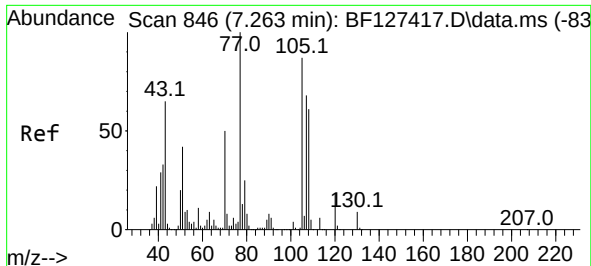
Tgt Ion:107 Resp: 183999
Ion Ratio Lower Upper
107 100
108 113.2 90.7 136.1
77 66.9 42.9 64.3#
79 64.0 43.0 64.6



#18
Hexachloroethane
Concen: 60.416 ng
RT: 7.351 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion:117 Resp: 144686
Ion Ratio Lower Upper
117 100
119 94.5 77.6 116.4
201 95.5 88.2 132.2





#19

n-Nitroso-di-n-propylamine

Concen: 55.003 ng

RT: 7.269 min Scan# 84

Delta R.T. 0.006 min

Lab File: BF127505.D

Acq: 24 Mar 2022 16:24

Instrument :

BNA_F

ClientSampleId :

MW-5MSD

Tgt Ion: 70 Resp: 254993

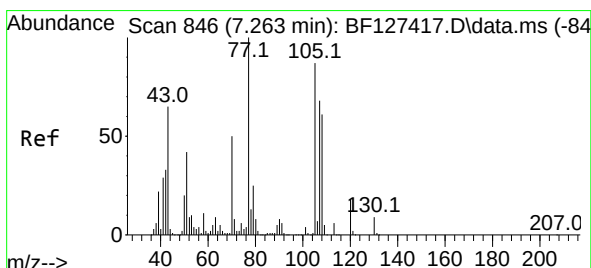
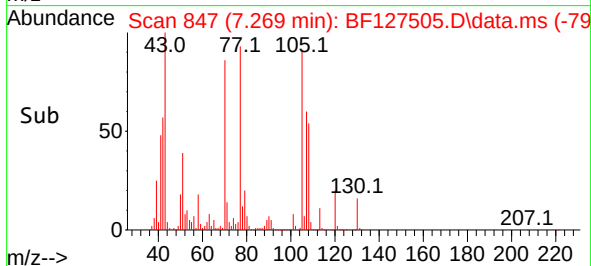
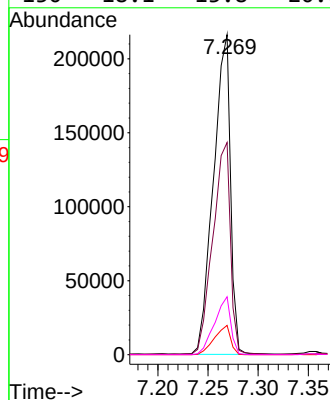
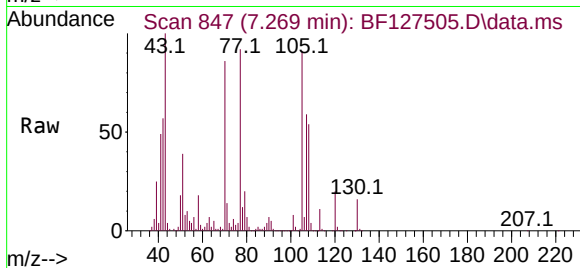
Ion Ratio Lower Upper

70 100

42 66.3 53.0 79.6

101 9.2 6.8 10.2

130 18.1 13.8 20.6



#20

3+4-Methylphenols

Concen: 33.468 ng

RT: 7.263 min Scan# 846

Delta R.T. 0.000 min

Lab File: BF127505.D

Acq: 24 Mar 2022 16:24

Tgt Ion:107 Resp: 201431

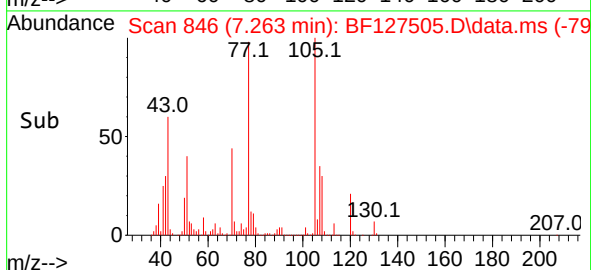
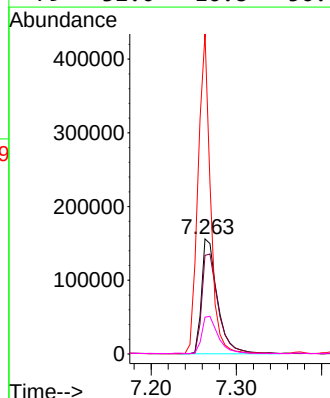
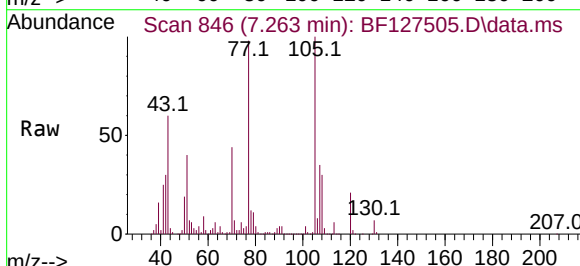
Ion Ratio Lower Upper

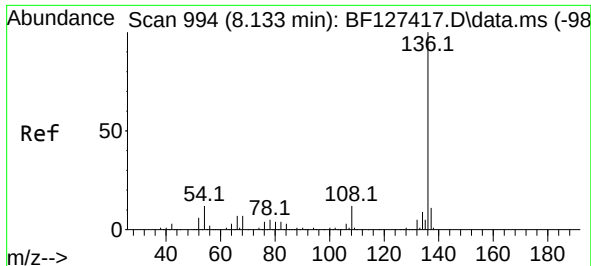
107 100

108 85.6 70.7 110.7

77 278.3 127.9 167.9#

79 32.0 16.8 56.8

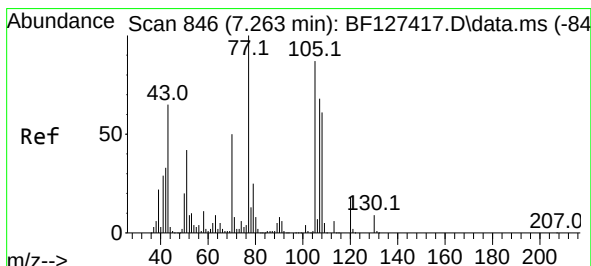
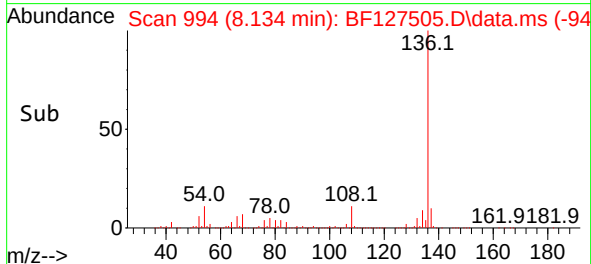
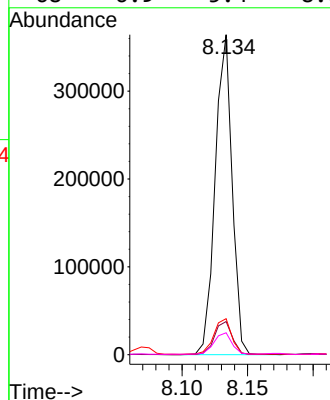
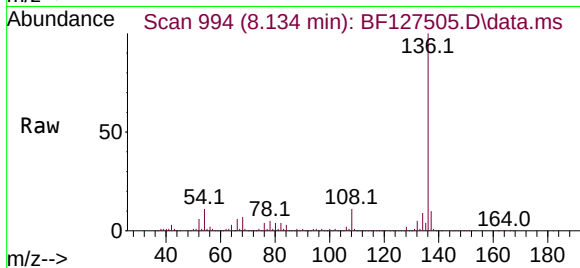




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

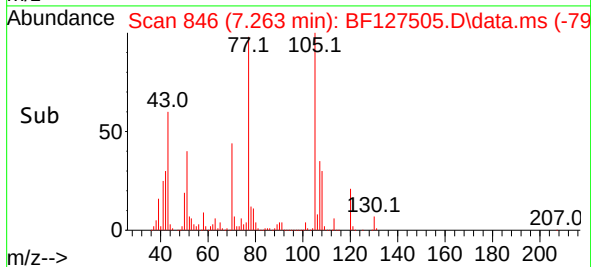
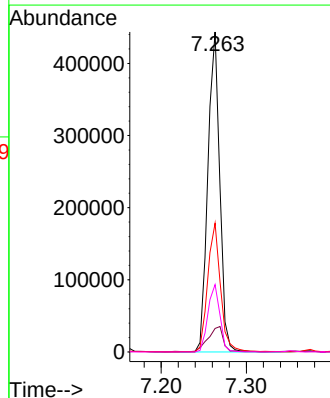
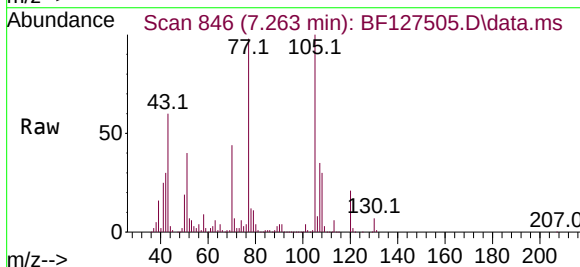
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

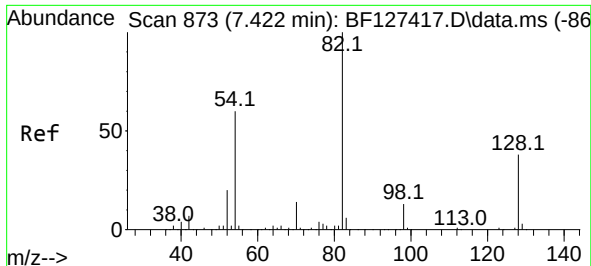
Tgt Ion:	136	Resp:	326129
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	11.3	9.2	13.8
68	6.9	5.4	8.0



#22
Acetophenone
Concen: 51.485 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion:	105	Resp:	429212
Ion	Ratio	Lower	Upper
105	100		
71	7.3	7.3	10.9
51	40.2	38.8	58.2
120	21.0	16.5	24.7





#23

Nitrobenzene-d5

Concen: 96.777 ng

RT: 7.422 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF127505.D

Acq: 24 Mar 2022 16:24

Instrument :

BNA_F

ClientSampleId :

MW-5MSD

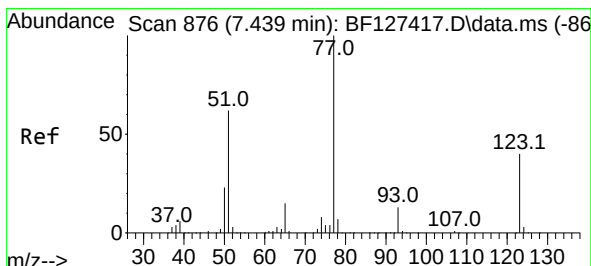
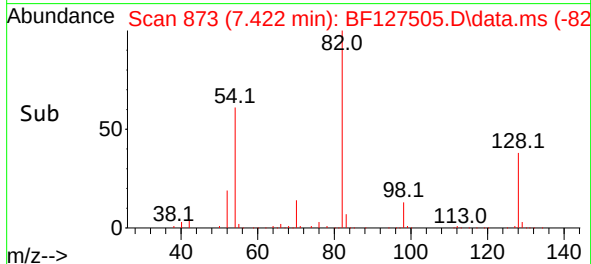
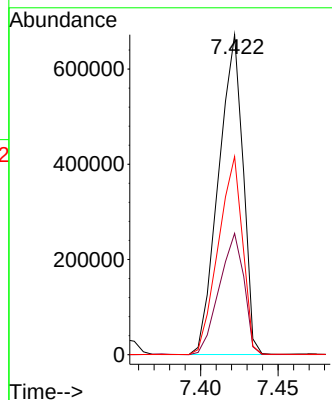
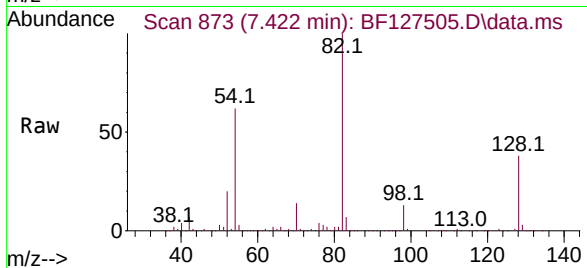
Tgt Ion: 82 Resp: 738358

Ion Ratio Lower Upper

82 100

128 37.9 30.6 45.8

54 61.9 48.2 72.2



#24

Nitrobenzene

Concen: 52.460 ng

RT: 7.440 min Scan# 876

Delta R.T. 0.000 min

Lab File: BF127505.D

Acq: 24 Mar 2022 16:24

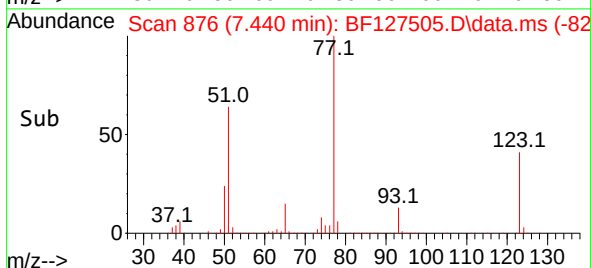
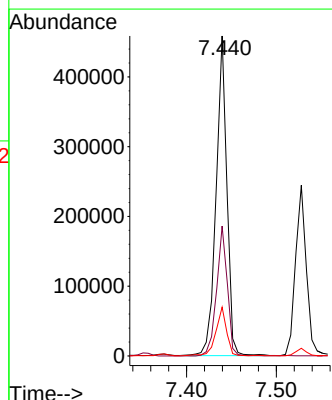
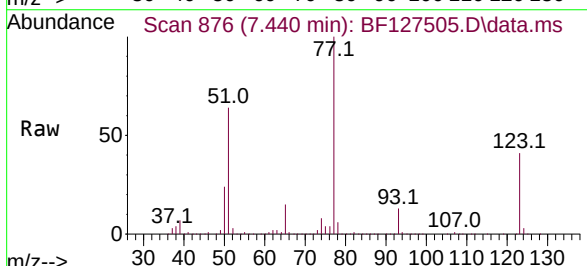
Tgt Ion: 77 Resp: 381707

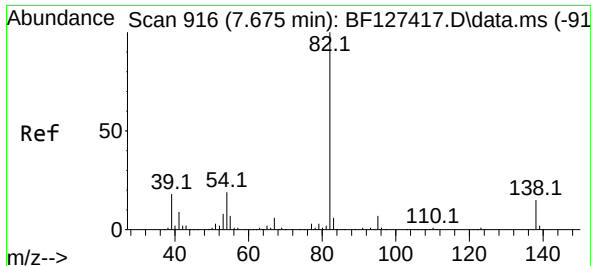
Ion Ratio Lower Upper

77 100

123 40.6 32.0 48.0

65 15.3 12.2 18.2

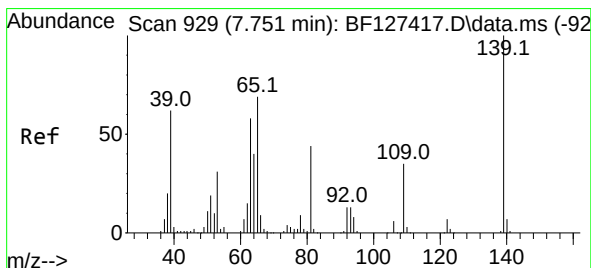
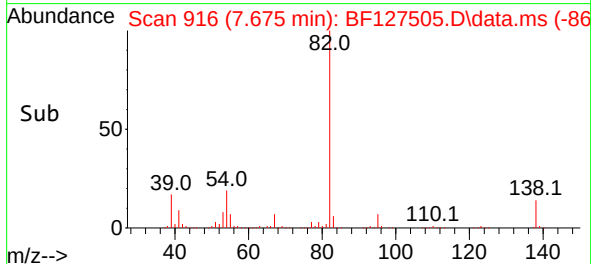
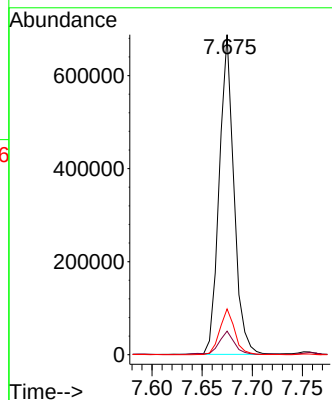
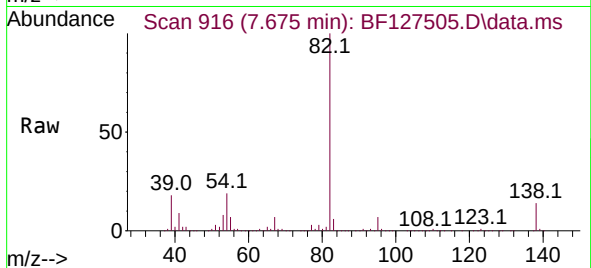




#25
Isophorone
Concen: 57.652 ng
RT: 7.675 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

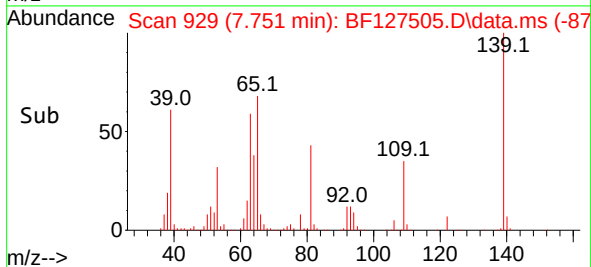
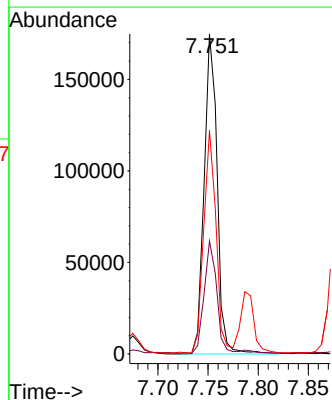
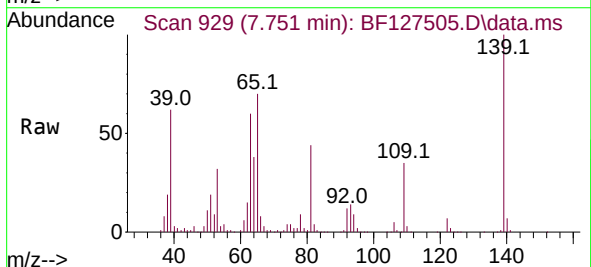
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

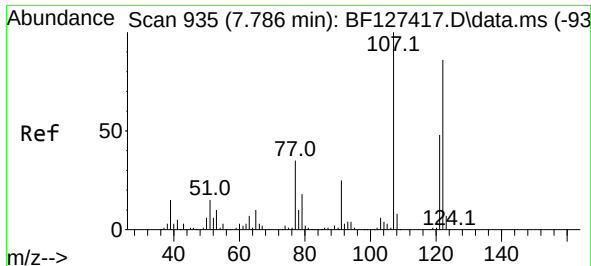
Tgt Ion: 82 Resp: 700568
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 14.3 11.6 17.4



#26
2-Nitrophenol
Concen: 51.999 ng
RT: 7.751 min Scan# 929
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion:139 Resp: 158680
Ion Ratio Lower Upper
139 100
109 35.3 28.2 42.2
65 69.9 55.3 82.9





#27

2,4-Dimethylphenol

Concen: 54.435 ng

RT: 7.792 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF127505.D

Acq: 24 Mar 2022 16:24

Instrument :

BNA_F

ClientSampleId :

MW-5MSD

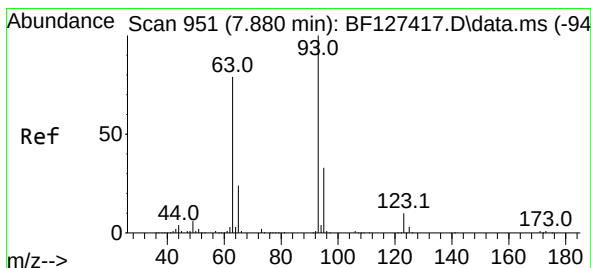
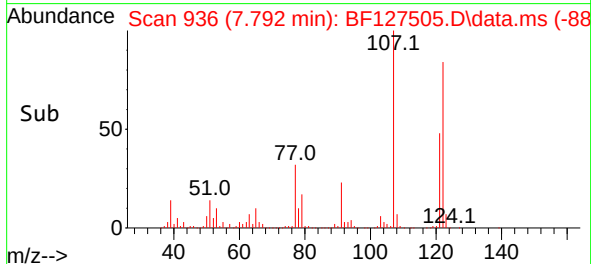
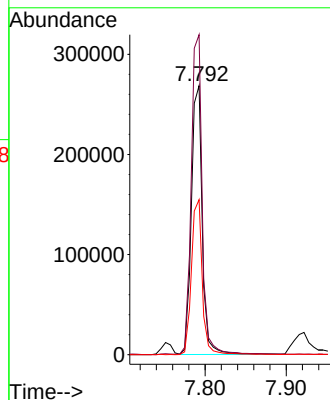
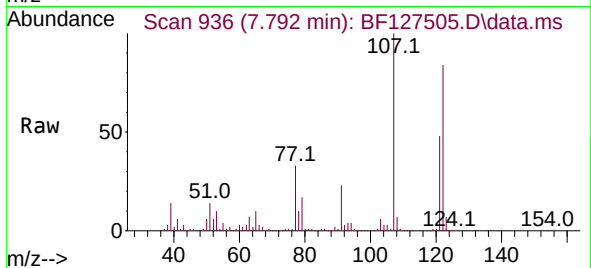
Tgt Ion:122 Resp: 249876

Ion Ratio Lower Upper

122 100

107 119.0 93.0 139.4

121 57.6 44.9 67.3



#28

bis(2-Chloroethoxy)methane

Concen: 52.483 ng

RT: 7.881 min Scan# 951

Delta R.T. 0.000 min

Lab File: BF127505.D

Acq: 24 Mar 2022 16:24

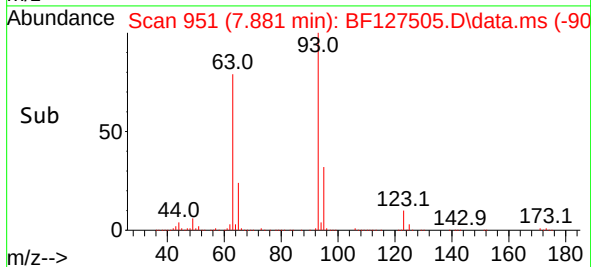
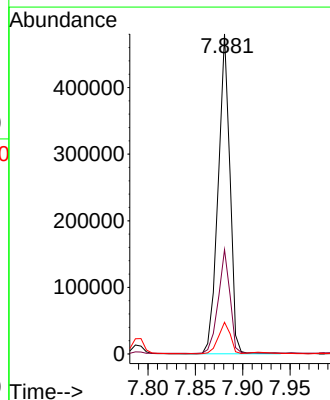
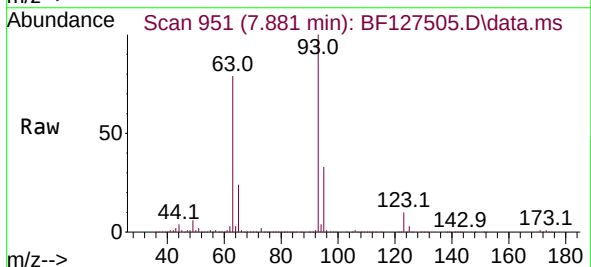
Tgt Ion: 93 Resp: 414290

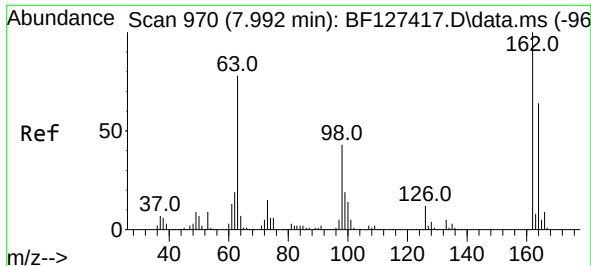
Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

123 9.9 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 48.007 ng

RT: 7.998 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF127505.D

Acq: 24 Mar 2022 16:24

Instrument :

BNA_F

ClientSampleId :

MW-5MSD

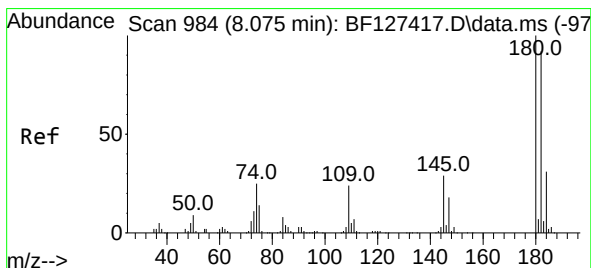
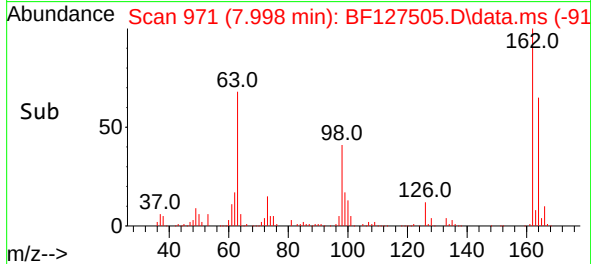
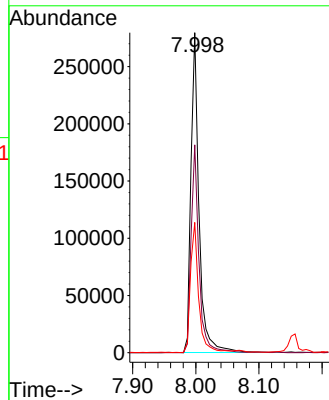
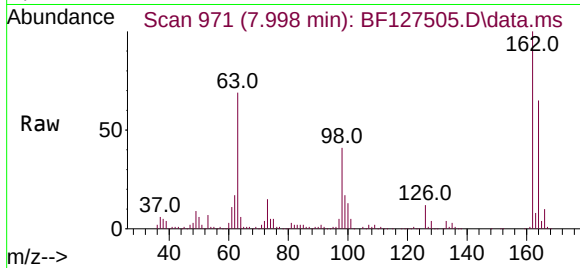
Tgt Ion:162 Resp: 250171

Ion Ratio Lower Upper

162 100

164 65.0 43.7 83.7

98 40.7 23.5 63.5



#30

1,2,4-Trichlorobenzene

Concen: 48.592 ng

RT: 8.075 min Scan# 984

Delta R.T. 0.000 min

Lab File: BF127505.D

Acq: 24 Mar 2022 16:24

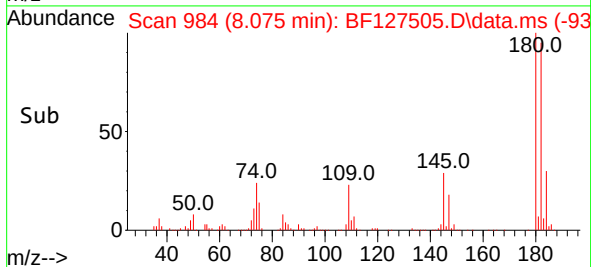
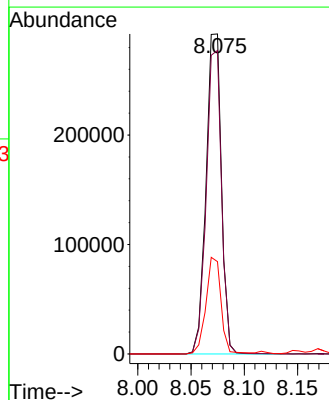
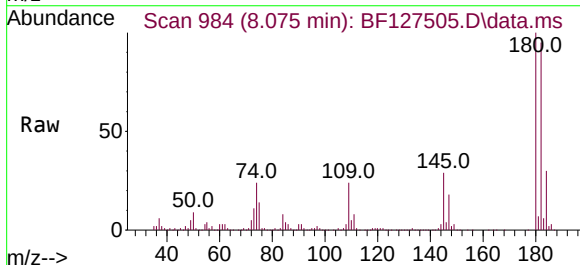
Tgt Ion:180 Resp: 295069

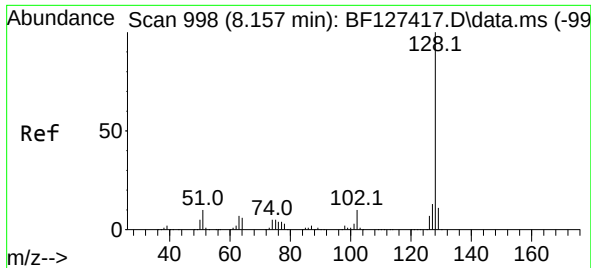
Ion Ratio Lower Upper

180 100

182 94.9 73.8 110.6

145 28.9 23.3 34.9

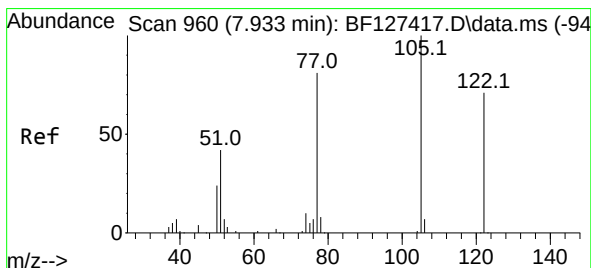
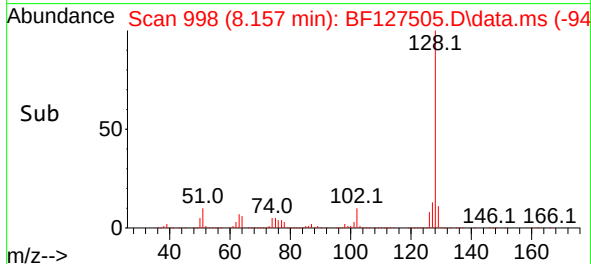
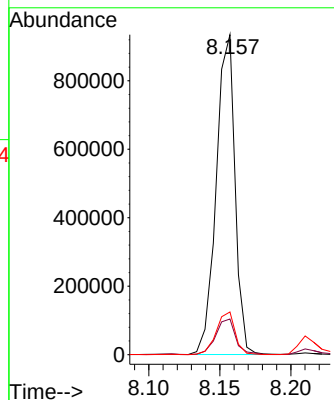
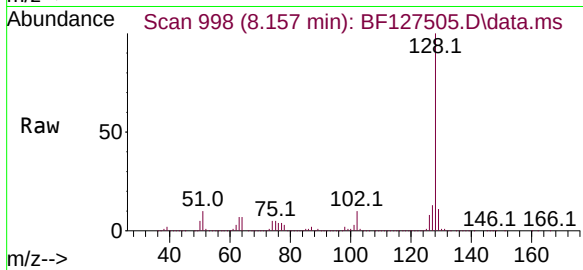




#31
Naphthalene
Concen: 49.671 ng
RT: 8.157 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

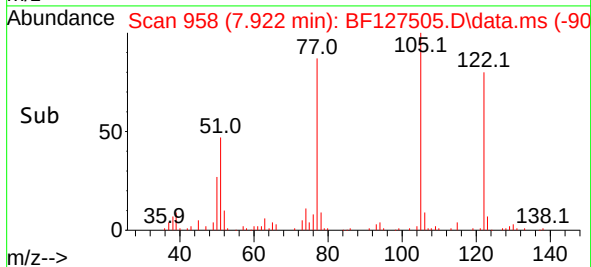
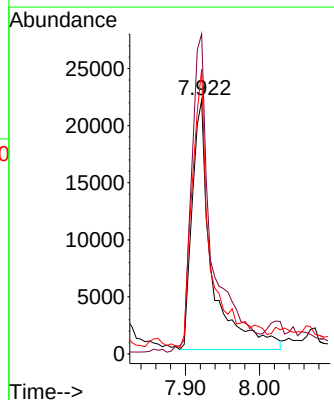
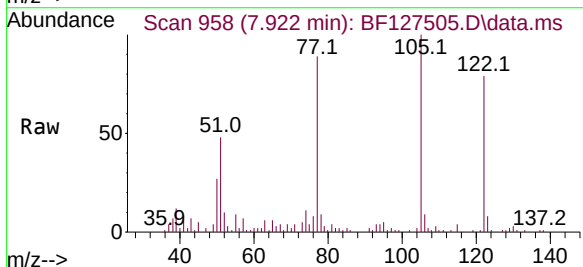
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

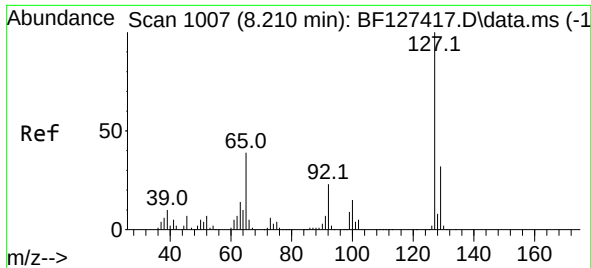
Tgt Ion:128 Resp: 860044
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 13.4 10.2 15.2



#32
Benzoic acid
Concen: 19.405 ng
RT: 7.922 min Scan# 958
Delta R.T. -0.011 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion:122 Resp: 40330
Ion Ratio Lower Upper
122 100
105 126.2 117.1 157.1
77 112.2 93.0 133.0

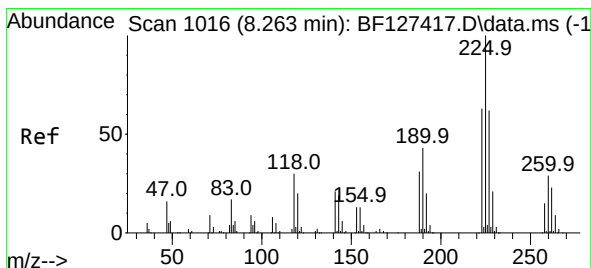
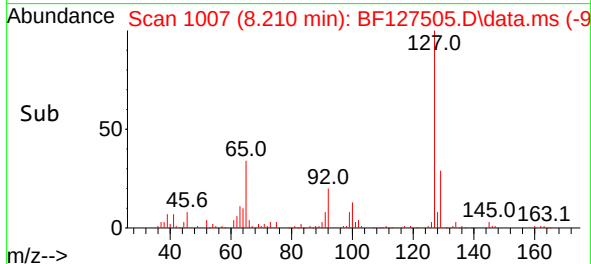
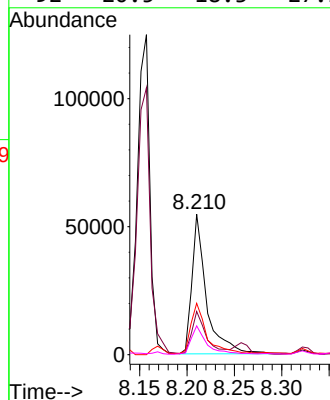
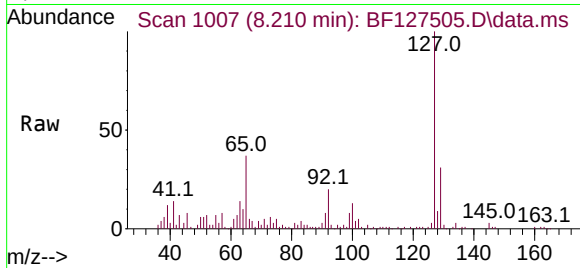




#33
4-Chloroaniline
Concen: 8.705 ng
RT: 8.210 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

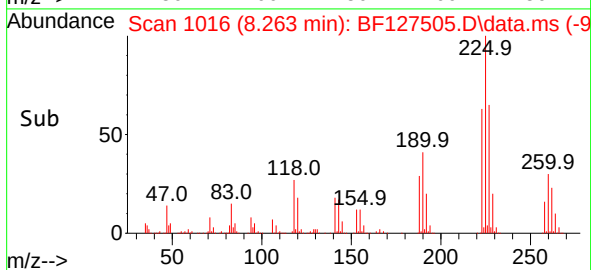
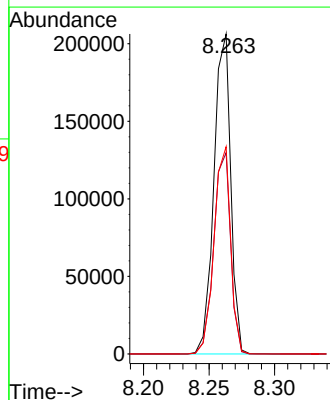
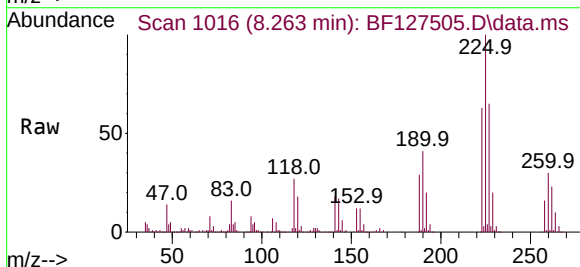
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

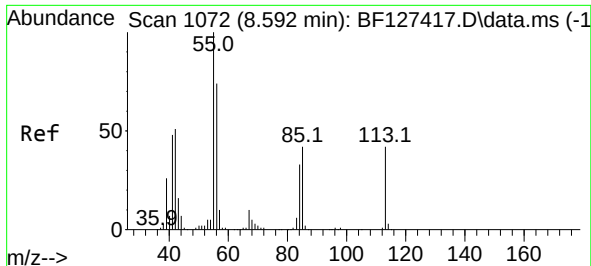
Tgt Ion:	127	Resp:	58409
Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.9	38.9
65	36.6	31.4	47.0
92	20.5	18.3	27.5



#34
Hexachlorobutadiene
Concen: 47.665 ng
RT: 8.263 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion:	225	Resp:	183796
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	64.7	49.6	74.4

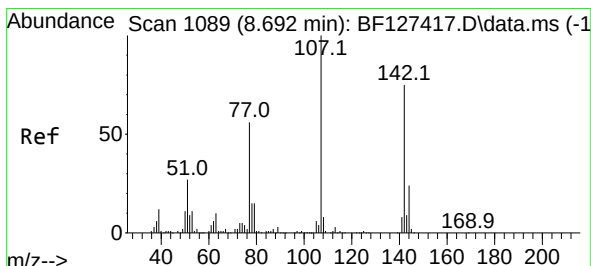
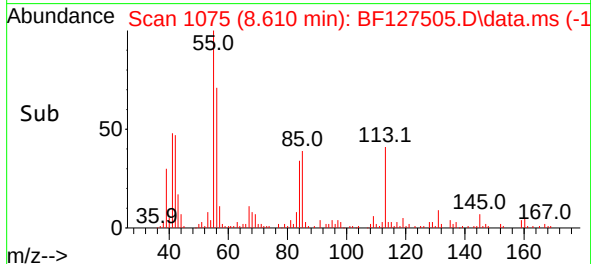
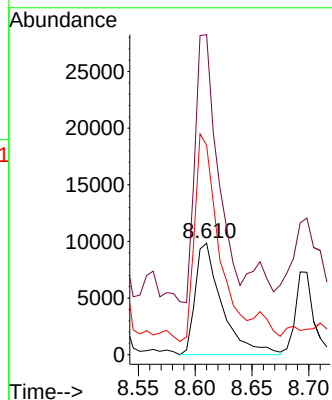
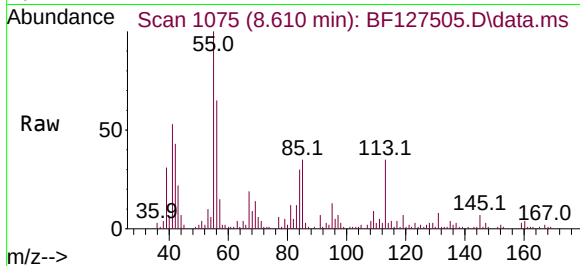




#35
 Caprolactam
 Concen: 9.995 ng
 RT: 8.610 min Scan# 1075
 Delta R.T. 0.018 min
 Lab File: BF127505.D
 Acq: 24 Mar 2022 16:24

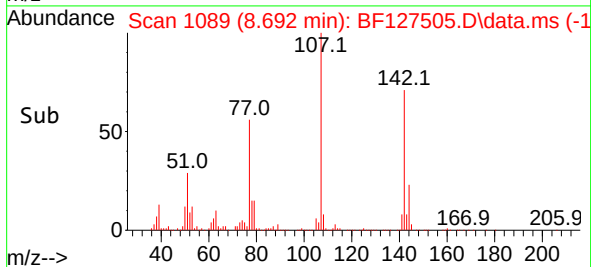
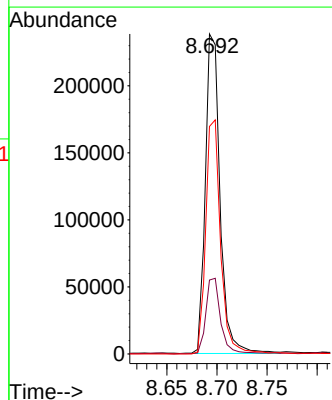
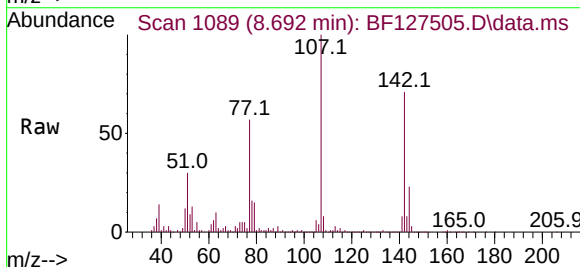
Instrument :
 BNA_F
 ClientSampleId :
 MW-5MSD

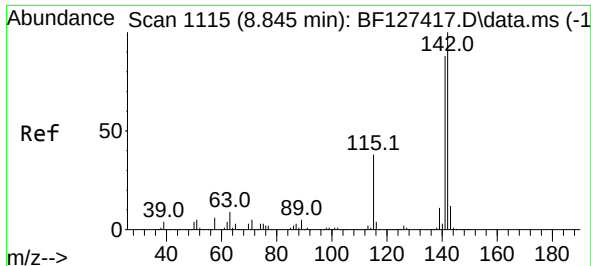
Tgt Ion:113 Resp: 16057
 Ion Ratio Lower Upper
 113 100
 55 286.8 218.7 258.7#
 56 187.7 156.2 196.2



#36
 4-Chloro-3-methylphenol
 Concen: 43.406 ng
 RT: 8.692 min Scan# 1089
 Delta R.T. 0.000 min
 Lab File: BF127505.D
 Acq: 24 Mar 2022 16:24

Tgt Ion:107 Resp: 245416
 Ion Ratio Lower Upper
 107 100
 144 23.1 19.3 28.9
 142 71.1 59.8 89.8

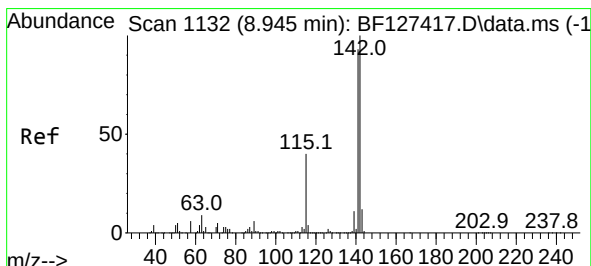
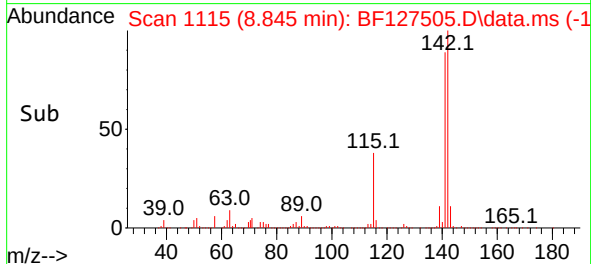
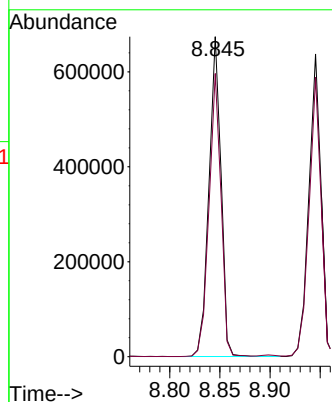
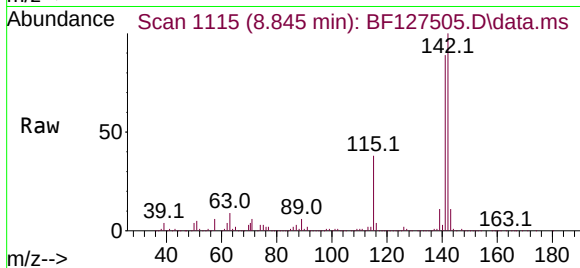




#37
2-Methylnaphthalene
Concen: 50.759 ng
RT: 8.845 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

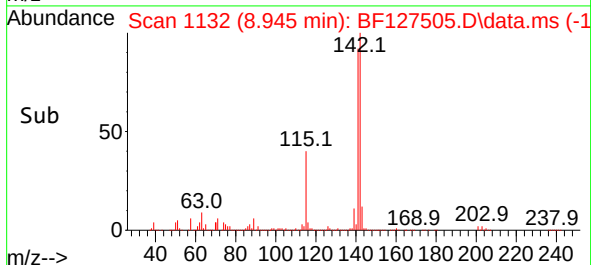
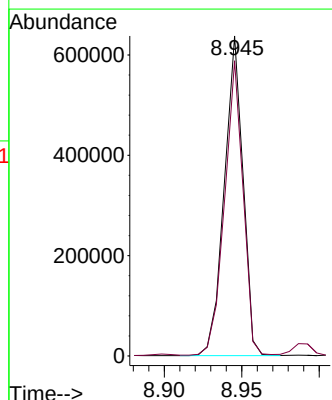
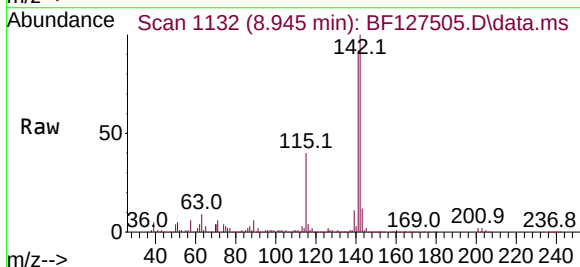
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

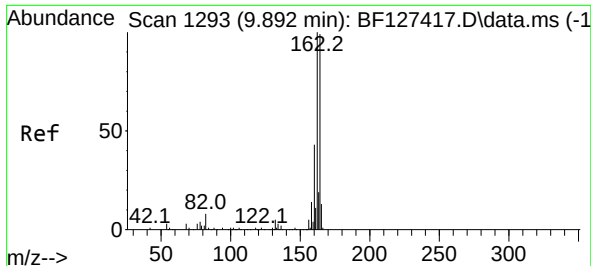
Tgt Ion:142 Resp: 565122
Ion Ratio Lower Upper
142 100
141 88.5 70.6 106.0



#38
1-Methylnaphthalene
Concen: 48.570 ng
RT: 8.945 min Scan# 1132
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion:142 Resp: 534707
Ion Ratio Lower Upper
142 100
141 92.2 74.2 111.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127505.D

Acq: 24 Mar 2022 16:24

Instrument :

BNA_F

ClientSampleId :

MW-5MSD

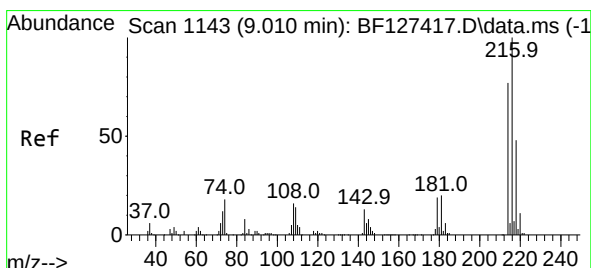
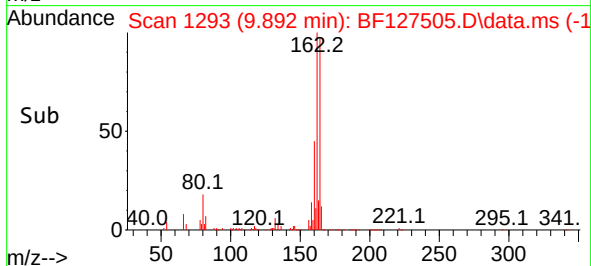
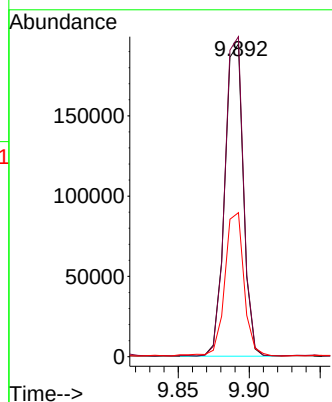
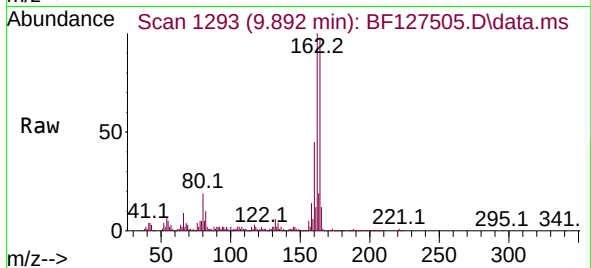
Tgt Ion:164 Resp: 177170

Ion Ratio Lower Upper

164 100

162 102.4 81.2 121.8

160 46.1 34.6 52.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.773 ng

RT: 9.010 min Scan# 1143

Delta R.T. 0.000 min

Lab File: BF127505.D

Acq: 24 Mar 2022 16:24

Tgt Ion:216 Resp: 291648

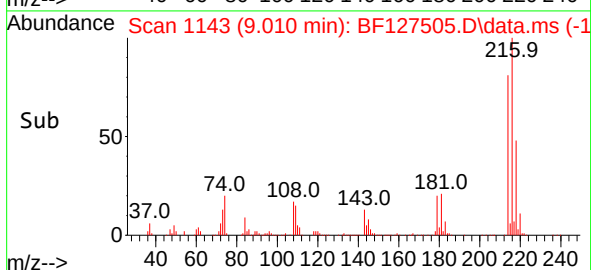
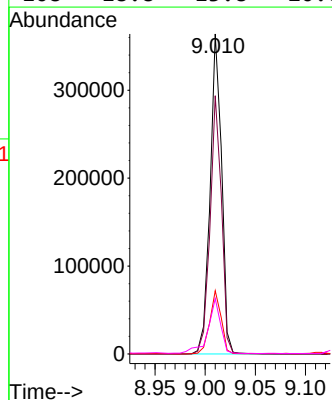
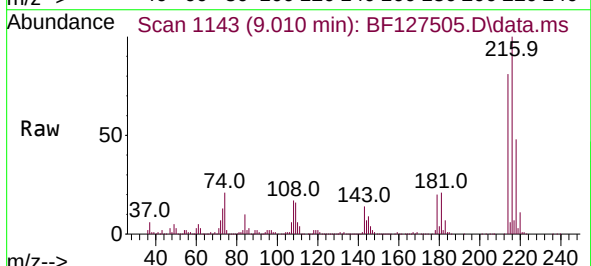
Ion Ratio Lower Upper

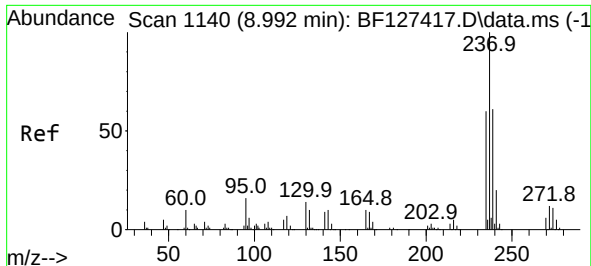
216 100

214 79.9 63.0 94.4

179 19.8 15.5 23.3

108 18.8 13.8 20.6

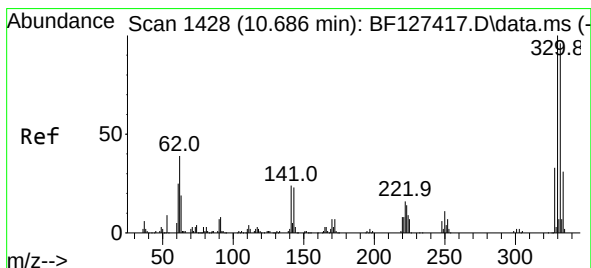
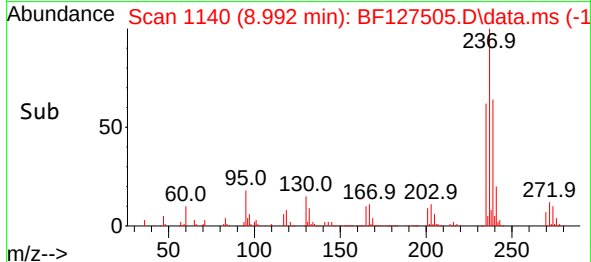
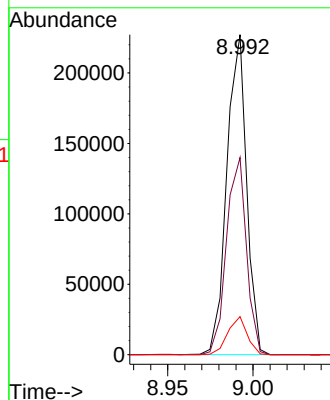
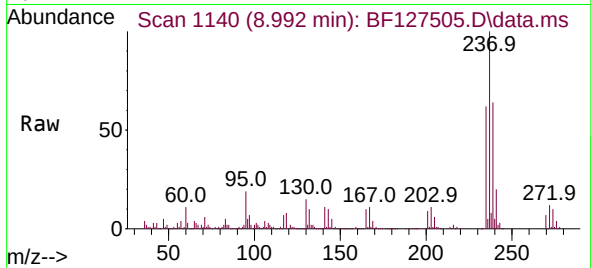




#41
Hexachlorocyclopentadiene
Concen: 89.130 ng
RT: 8.992 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

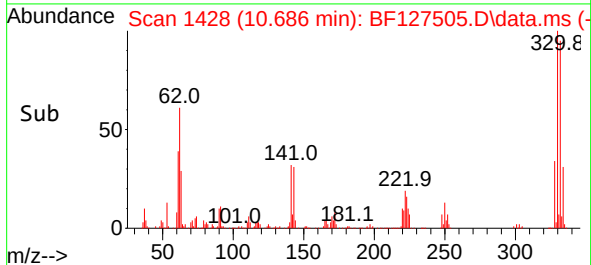
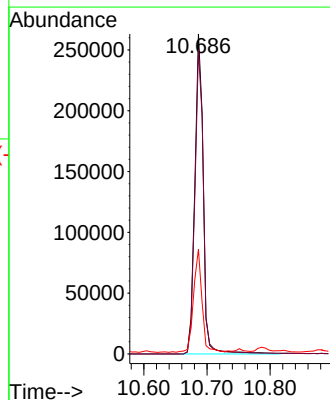
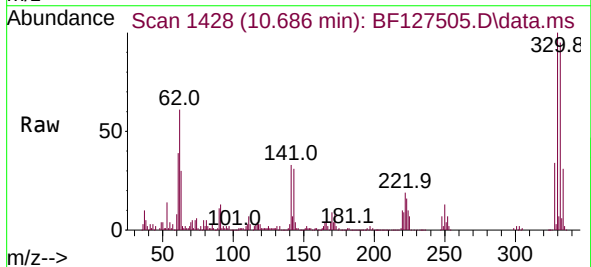
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

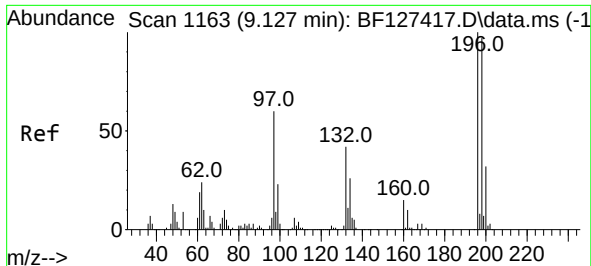
Tgt Ion:237 Resp: 183497
Ion Ratio Lower Upper
237 100
235 61.6 40.4 80.4
272 11.9 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 129.676 ng
RT: 10.686 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion:330 Resp: 244740
Ion Ratio Lower Upper
330 100
332 95.9 79.1 118.7
141 32.5 26.2 39.4

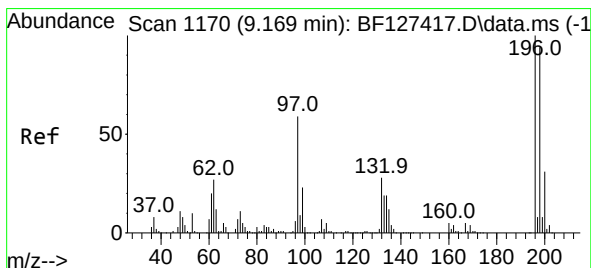
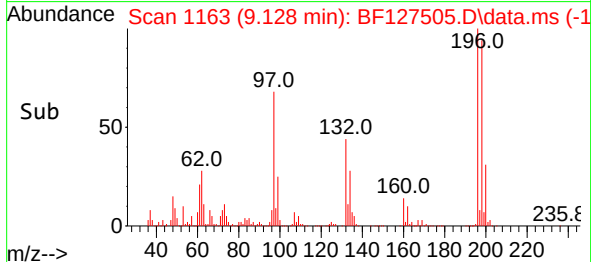
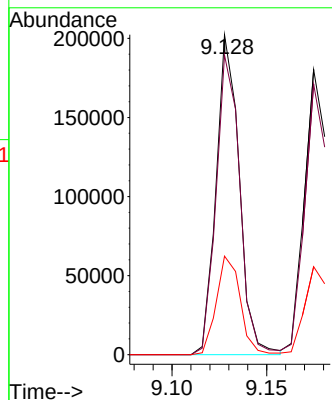
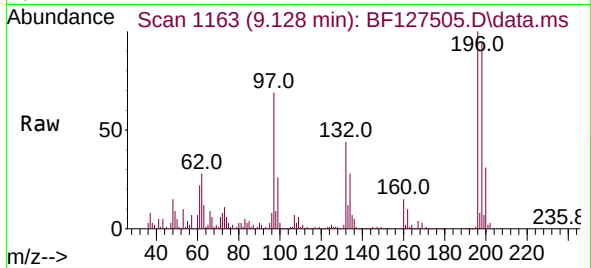




#43
2,4,6-Trichlorophenol
Concen: 50.492 ng
RT: 9.128 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

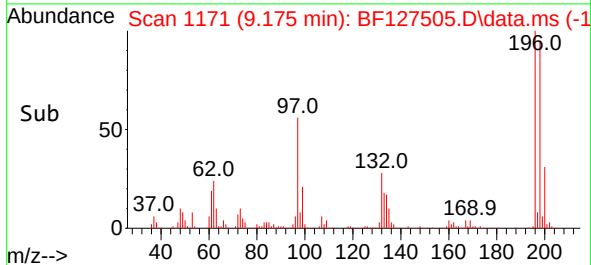
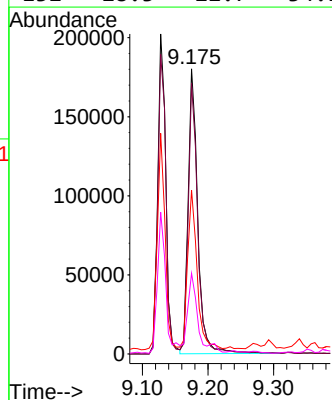
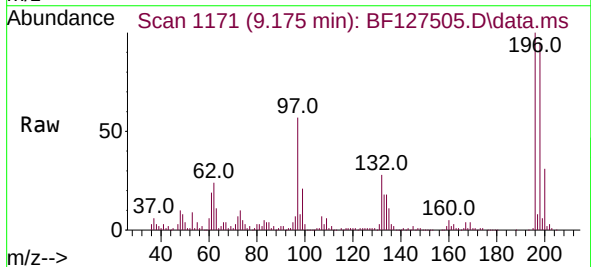
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

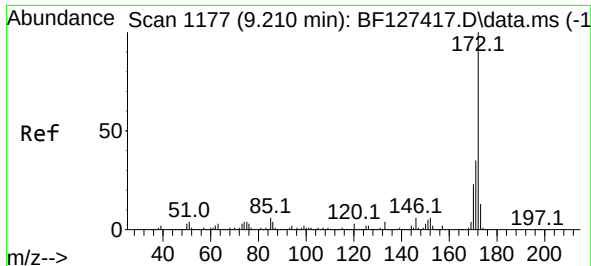
Tgt Ion:196 Resp: 171933
Ion Ratio Lower Upper
196 100
198 93.6 77.8 116.6
200 30.8 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 52.224 ng
RT: 9.175 min Scan# 1171
Delta R.T. 0.006 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion:196 Resp: 183057
Ion Ratio Lower Upper
196 100
198 94.9 75.3 112.9
97 57.5 46.8 70.2
132 28.3 22.7 34.1

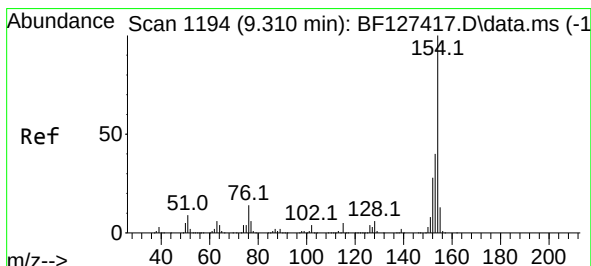
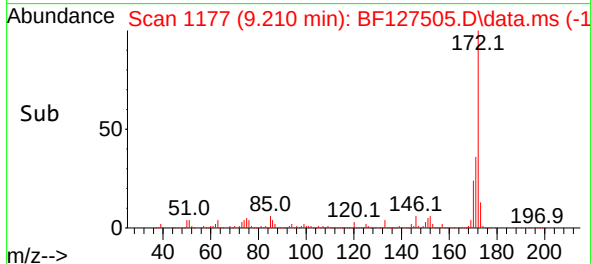
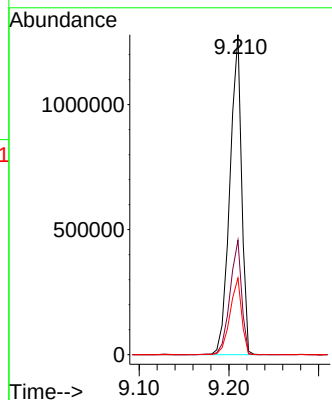
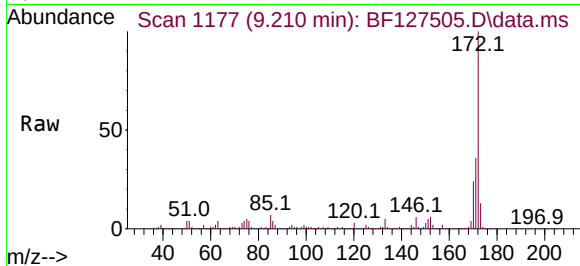




#45
2-Fluorobiphenyl
Concen: 95.788 ng
RT: 9.210 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

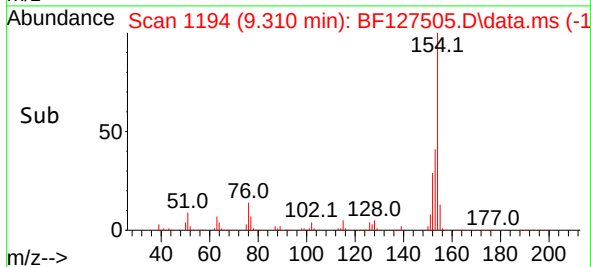
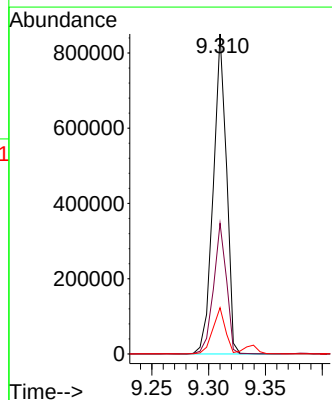
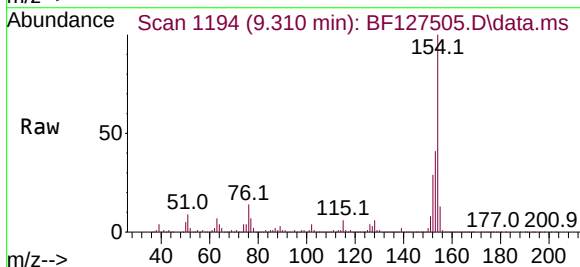
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

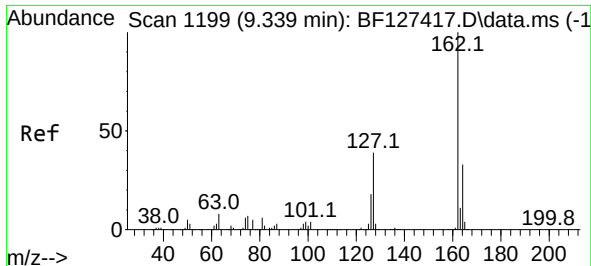
Tgt Ion:172 Resp: 1162195
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.9 18.6 27.8



#46
1,1'-Biphenyl
Concen: 51.187 ng
RT: 9.310 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion:154 Resp: 684926
Ion Ratio Lower Upper
154 100
153 40.8 20.3 60.3
76 14.5 0.0 33.9





#47

2-Chloronaphthalene

Concen: 50.979 ng

RT: 9.339 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF127505.D

Acq: 24 Mar 2022 16:24

Instrument :

BNA_F

ClientSampleId :

MW-5MSD

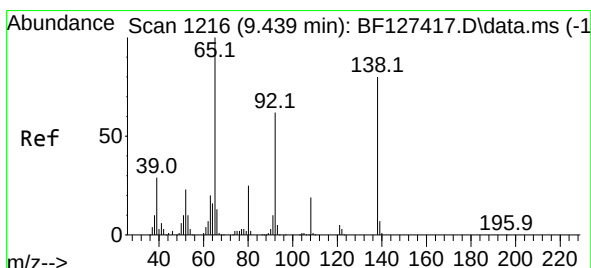
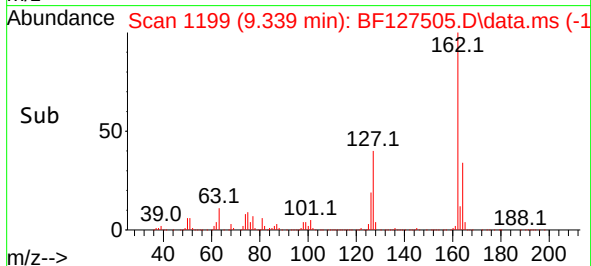
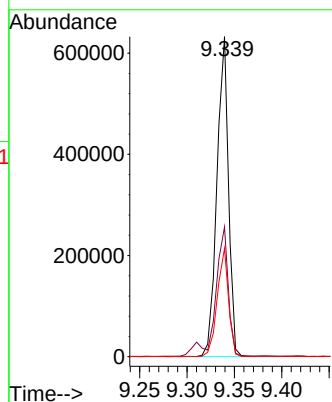
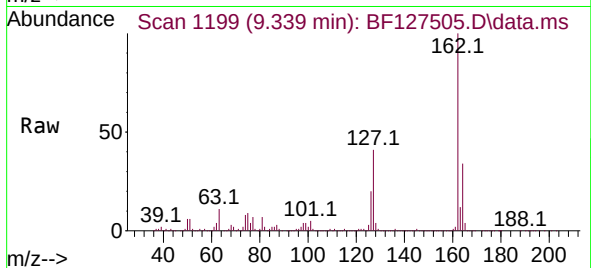
Tgt Ion:162 Resp: 537171

Ion Ratio Lower Upper

162 100

127 40.6 31.8 47.6

164 33.8 26.4 39.6



#48

2-Nitroaniline

Concen: 49.833 ng

RT: 9.445 min Scan# 1217

Delta R.T. 0.006 min

Lab File: BF127505.D

Acq: 24 Mar 2022 16:24

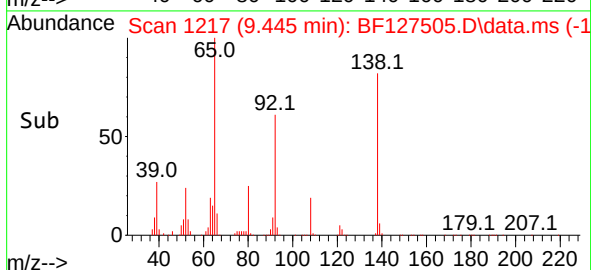
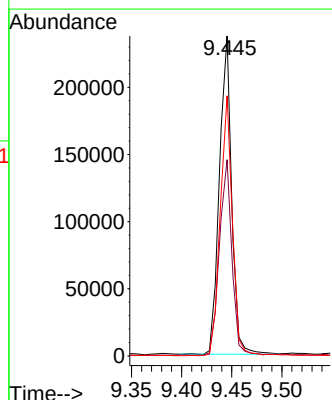
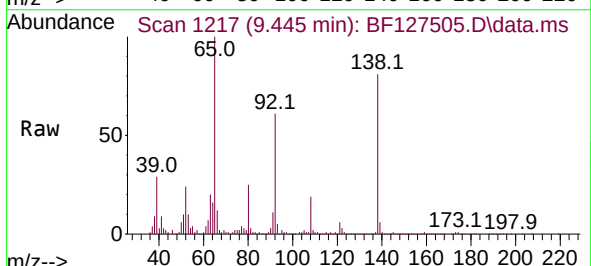
Tgt Ion: 65 Resp: 201248

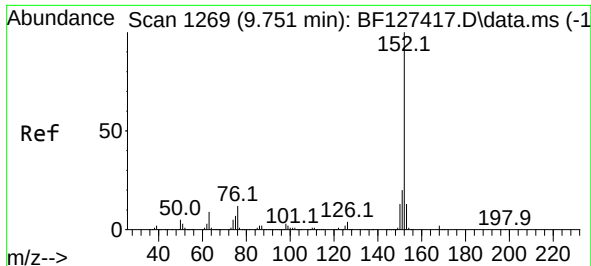
Ion Ratio Lower Upper

65 100

92 61.4 50.0 75.0

138 81.3 64.1 96.1

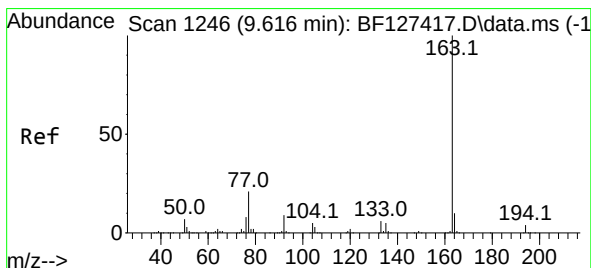
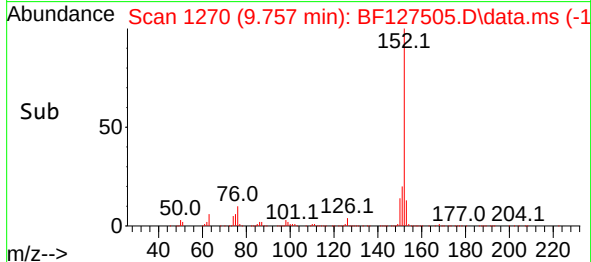
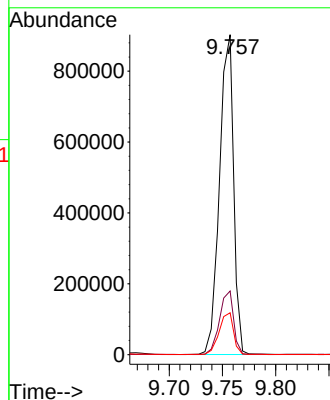
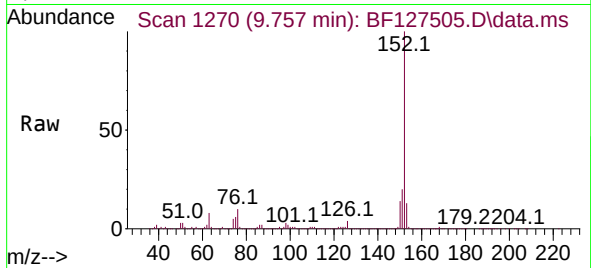




#49
Acenaphthylene
Concen: 52.016 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

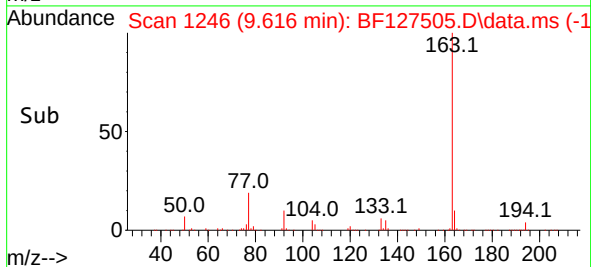
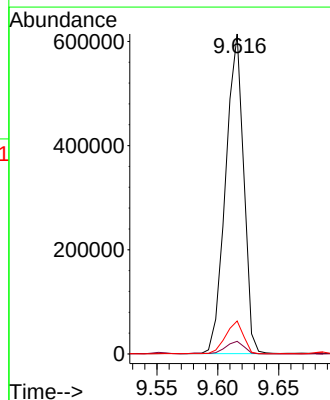
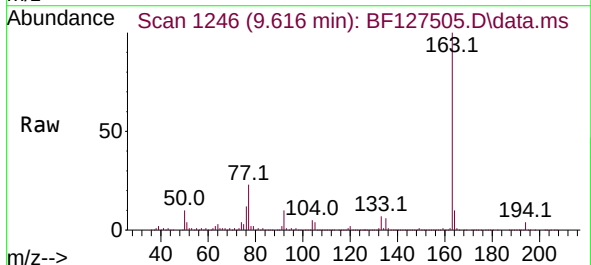
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

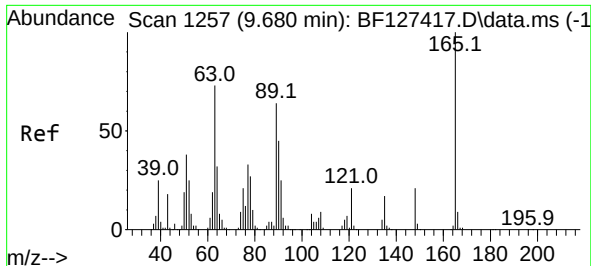
Tgt Ion:152 Resp: 828601
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.1 10.5 15.7



#50
Dimethylphthalate
Concen: 51.361 ng
RT: 9.616 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion:163 Resp: 633048
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.3 7.8 11.8

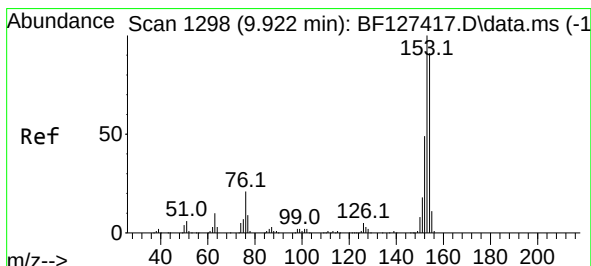
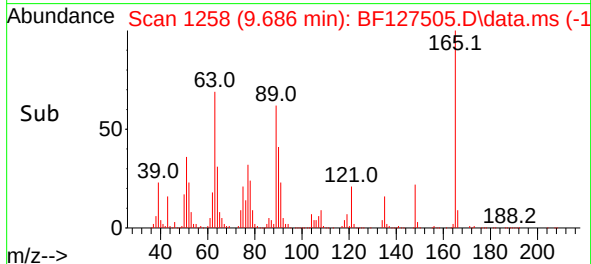
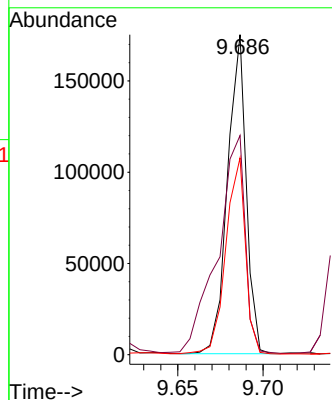
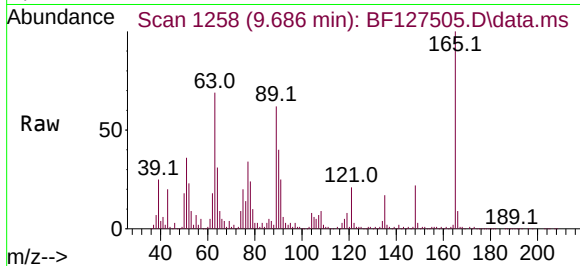




#51
2,6-Dinitrotoluene
Concen: 51.383 ng
RT: 9.686 min Scan# 1257
Delta R.T. 0.006 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

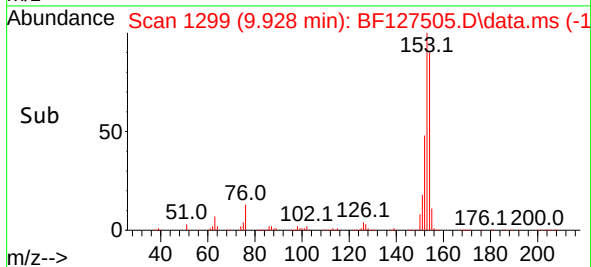
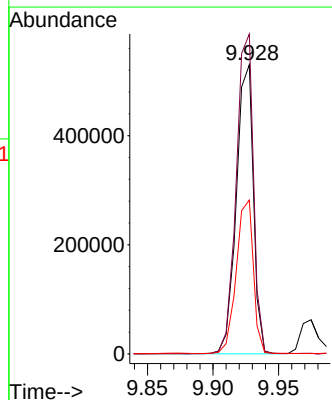
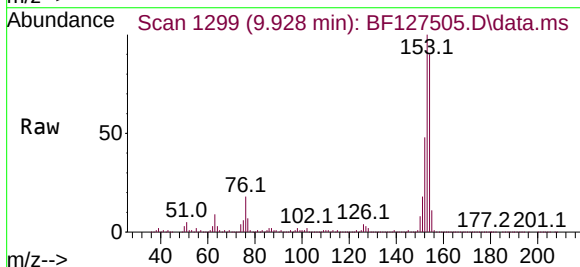
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

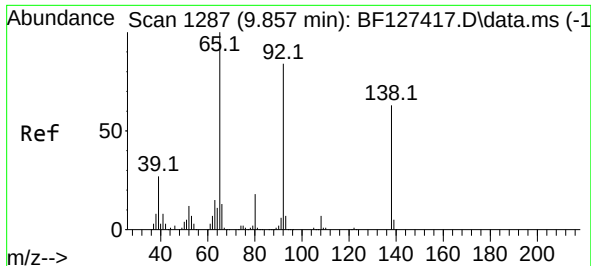
Tgt Ion:165 Resp: 132942
Ion Ratio Lower Upper
165 100
63 68.5 58.3 87.5
89 61.5 51.5 77.3



#52
Acenaphthene
Concen: 51.819 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion:154 Resp: 481621
Ion Ratio Lower Upper
154 100
153 110.6 87.6 131.4
152 53.2 42.9 64.3

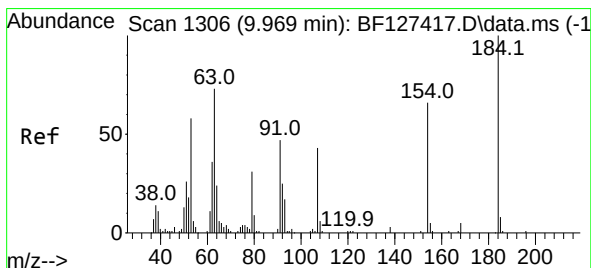
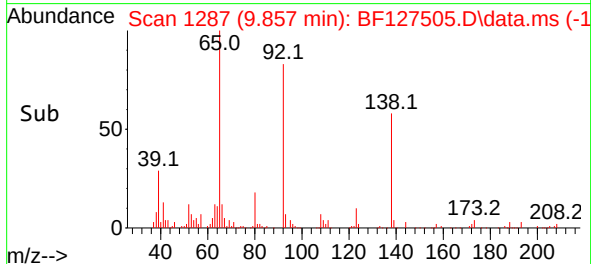
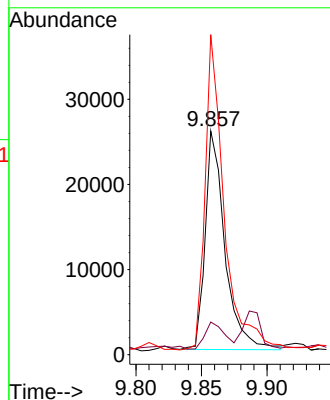
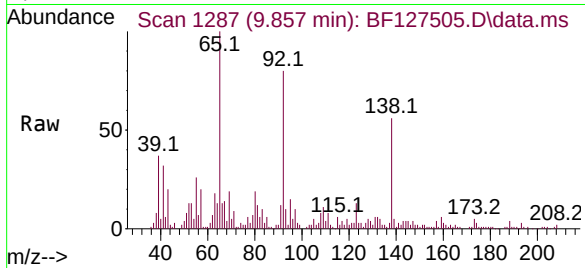




#53
3-Nitroaniline
Concen: 9.482 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

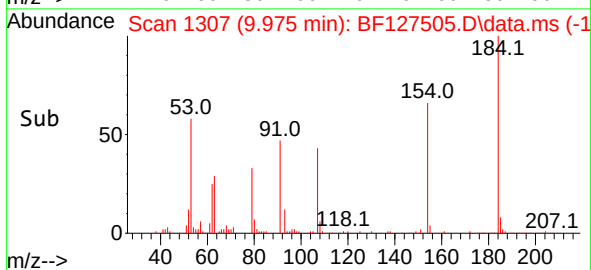
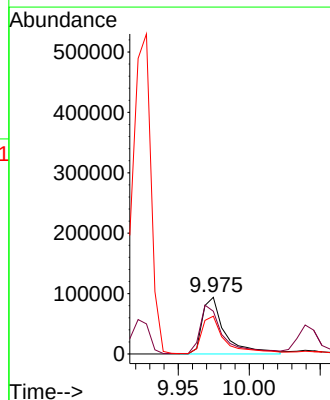
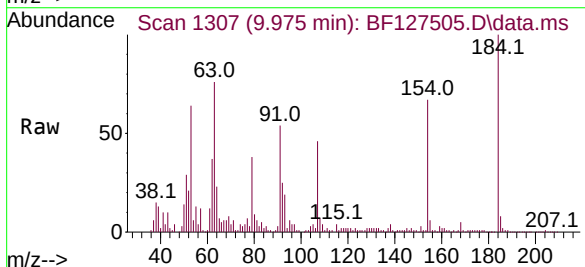
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

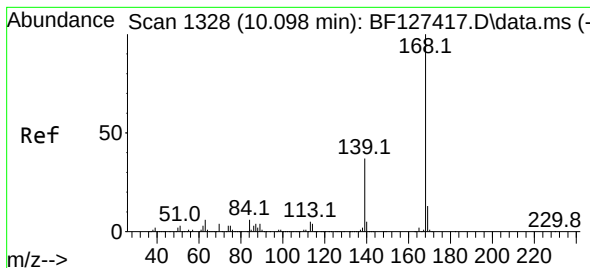
Tgt Ion:138 Resp: 26912
Ion Ratio Lower Upper
138 100
108 14.6 9.4 14.0#
92 143.1 106.1 159.1



#54
2,4-Dinitrophenol
Concen: 80.313 ng
RT: 9.975 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion:184 Resp: 104921
Ion Ratio Lower Upper
184 100
63 75.5 58.1 87.1
154 66.7 53.2 79.8

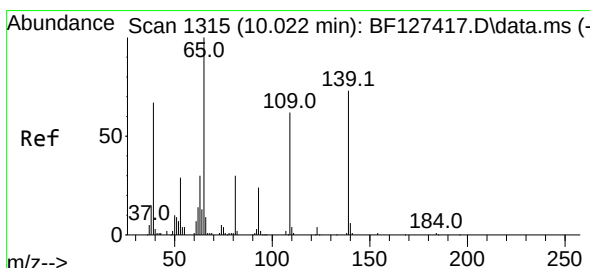
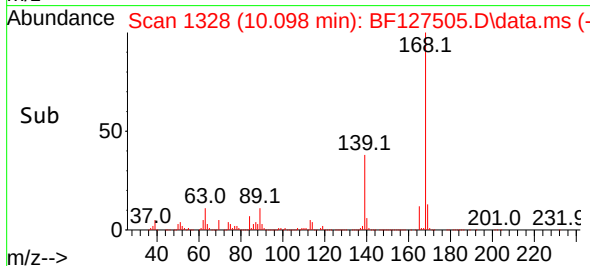
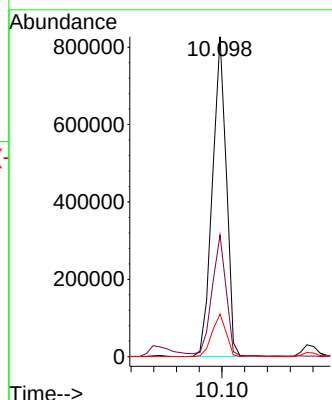
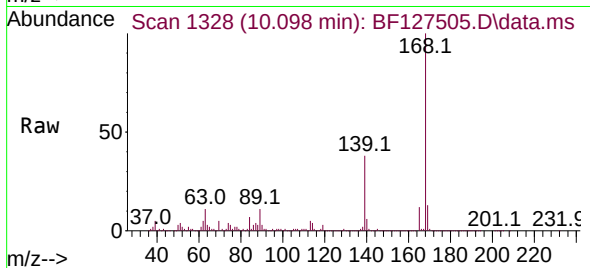




#55
Dibenzenofuran
Concen: 52.724 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

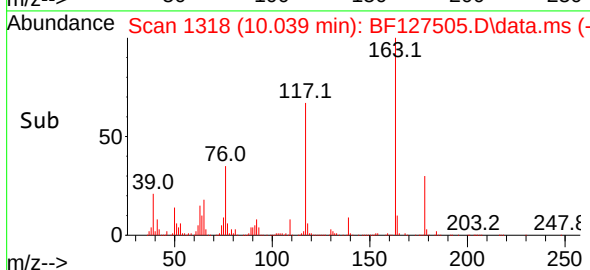
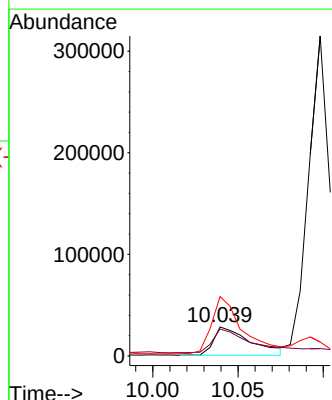
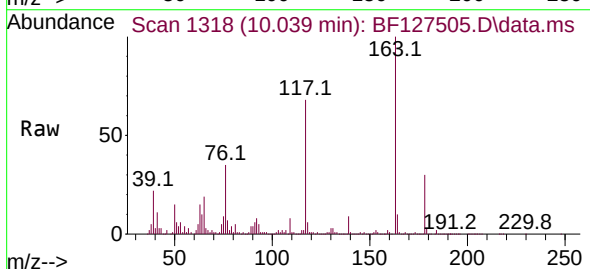
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

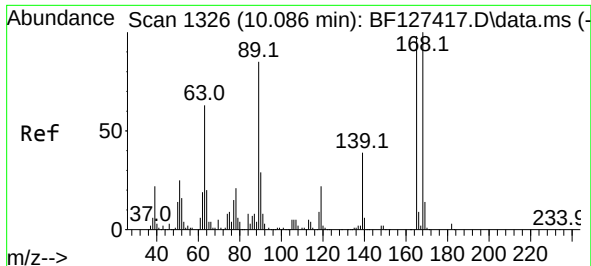
Tgt Ion:168 Resp: 699449
Ion Ratio Lower Upper
168 100
139 38.1 30.3 45.5
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 28.915 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.017 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion:139 Resp: 41768
Ion Ratio Lower Upper
139 100
109 92.4 64.3 104.3
65 204.6 117.5 157.5#

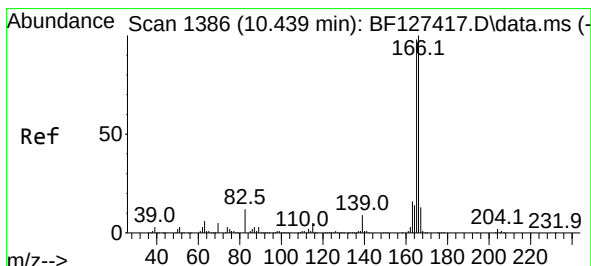
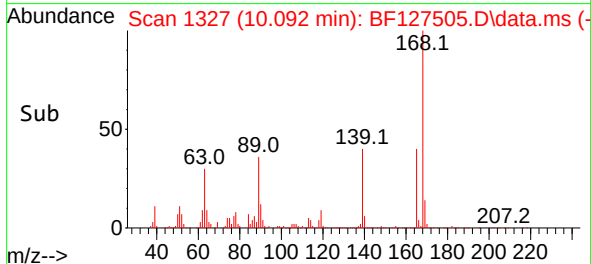
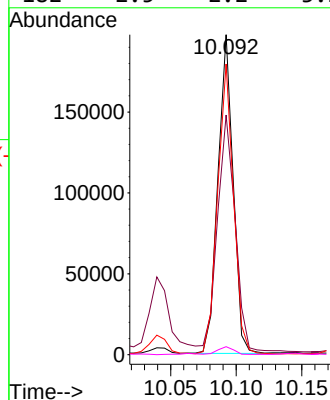
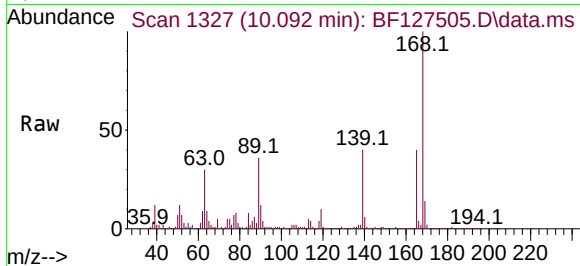




#57
2,4-Dinitrotoluene
Concen: 47.763 ng
RT: 10.092 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

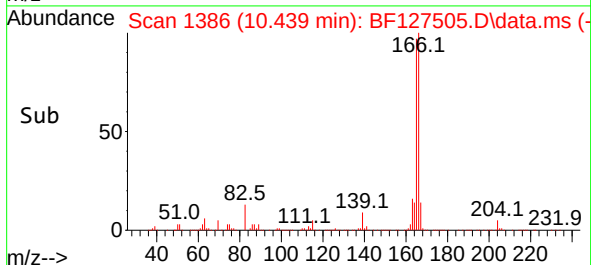
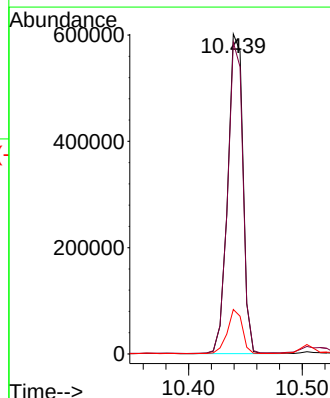
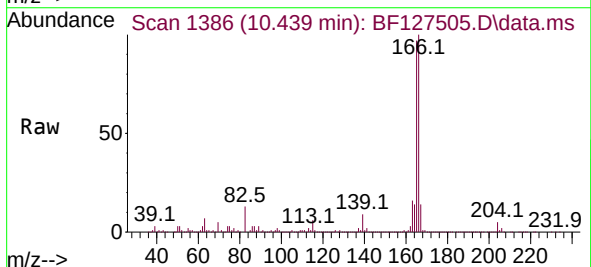
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

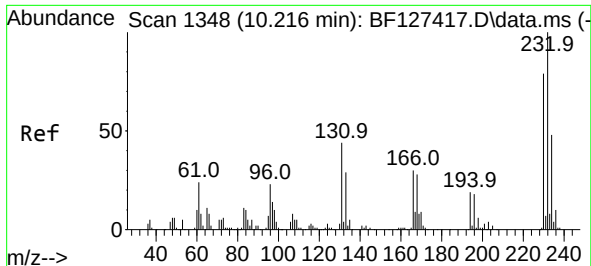
Tgt Ion:165 Resp: 159061
Ion Ratio Lower Upper
165 100
63 74.9 53.1 79.7
89 90.8 69.2 103.8
182 2.5 2.2 3.2



#58
Fluorene
Concen: 52.602 ng
RT: 10.439 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion:166 Resp: 561950
Ion Ratio Lower Upper
166 100
165 97.4 78.1 117.1
167 13.9 10.5 15.7

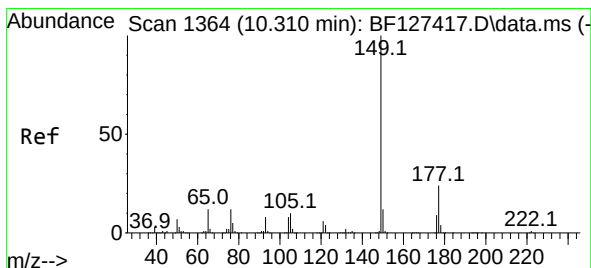
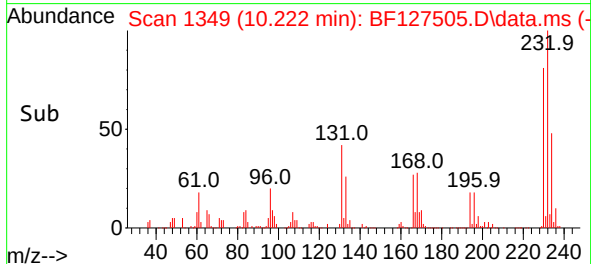
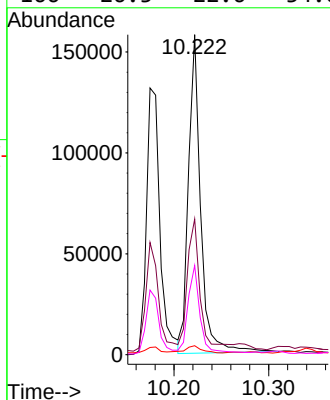
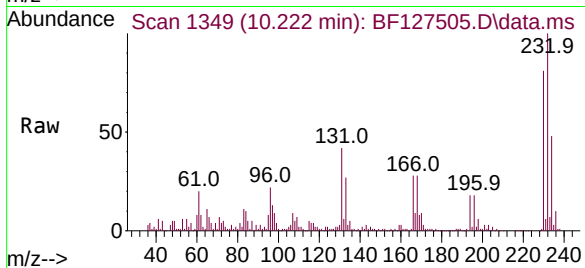




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.543 ng
RT: 10.222 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

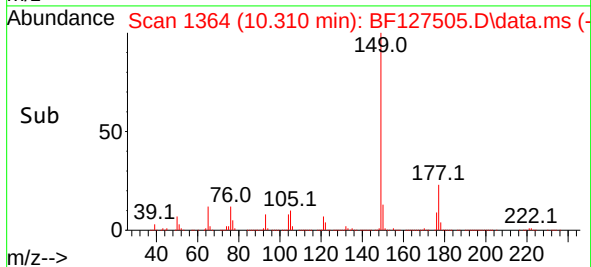
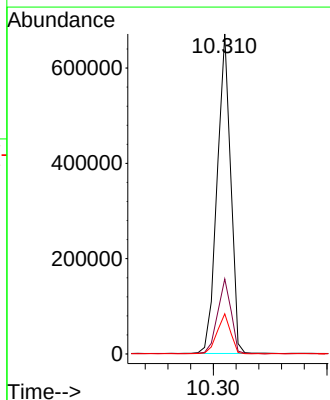
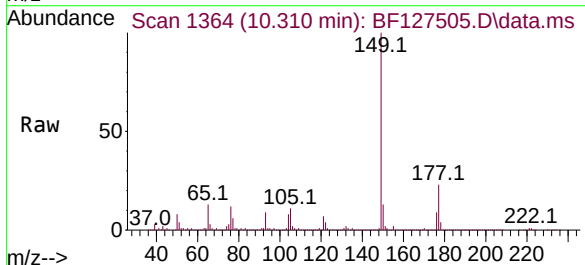
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

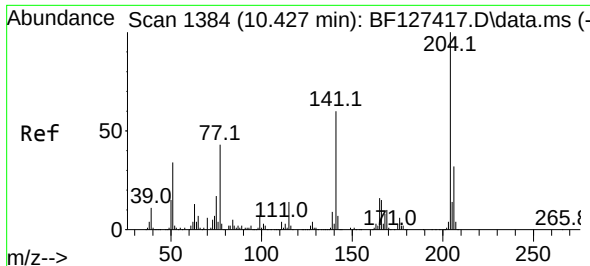
Tgt Ion:232 Resp: 141139
Ion Ratio Lower Upper
232 100
131 37.8 33.4 50.0
130 3.1 1.8 2.6#
166 26.3 22.6 34.0



#60
Diethylphthalate
Concen: 49.310 ng
RT: 10.310 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion:149 Resp: 555116
Ion Ratio Lower Upper
149 100
177 23.5 18.9 28.3
150 12.6 10.0 15.0

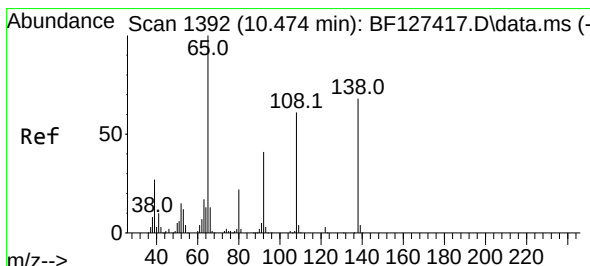
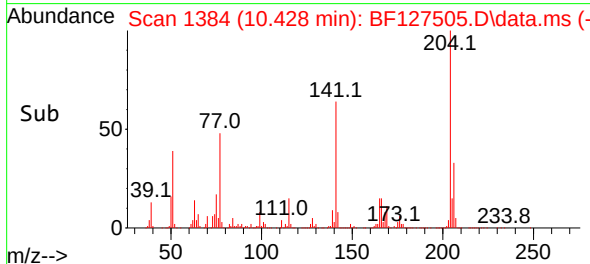
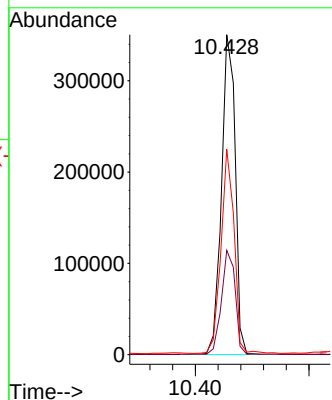
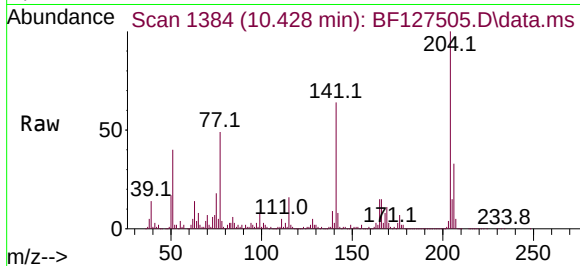




#61
4-Chlorophenyl-phenylether
Concen: 46.238 ng
RT: 10.428 min Scan# 1384
Delta R.T. 0.001 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

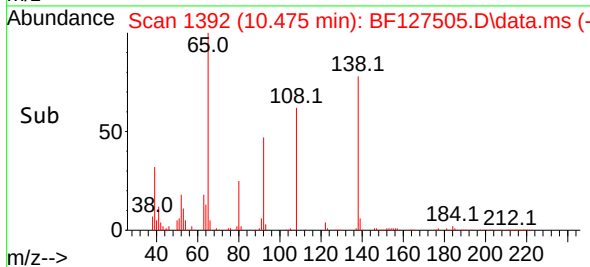
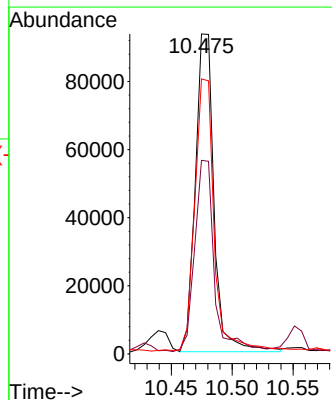
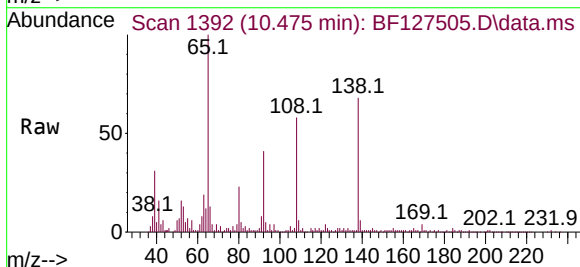
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

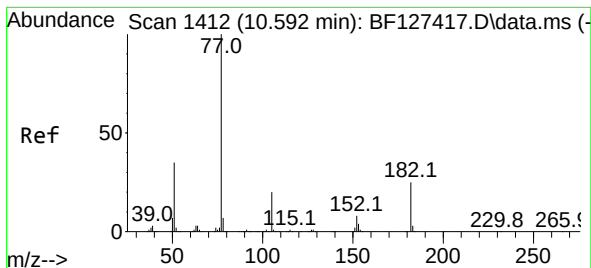
Tgt Ion:204 Resp: 294543
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 64.2 47.8 71.8



#62
4-Nitroaniline
Concen: 37.645 ng
RT: 10.475 min Scan# 1392
Delta R.T. 0.001 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion:138 Resp: 100075
Ion Ratio Lower Upper
138 100
92 60.5 40.5 80.5
108 85.9 69.2 109.2





#63

Azobenzene

Concen: 47.539 ng

RT: 10.592 min Scan# 1412

Delta R.T. 0.000 min

Lab File: BF127505.D

Acq: 24 Mar 2022 16:24

Instrument :

BNA_F

ClientSampleId :

MW-5MSD

Tgt Ion: 77 Resp: 631475

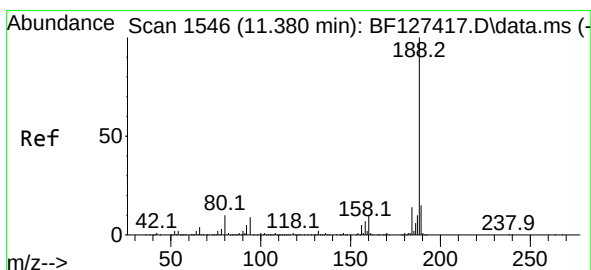
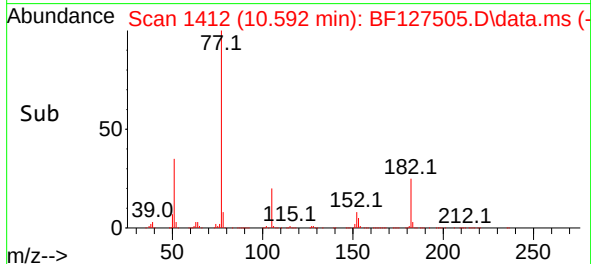
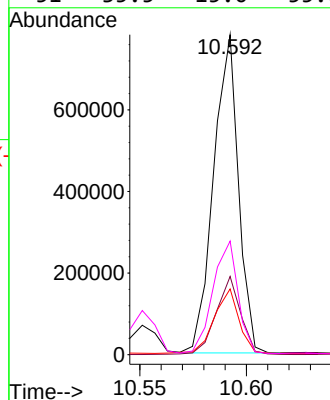
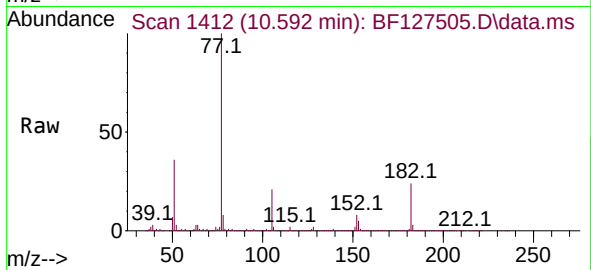
Ion Ratio Lower Upper

77 100

182 24.5 4.5 44.5

105 20.5 0.3 40.3

51 35.5 15.0 55.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.381 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF127505.D

Acq: 24 Mar 2022 16:24

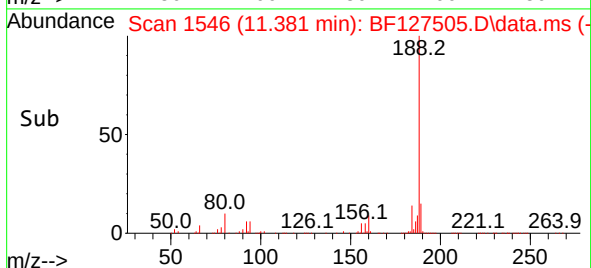
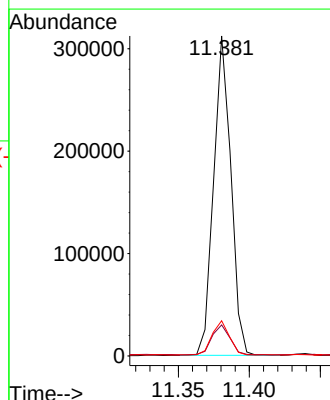
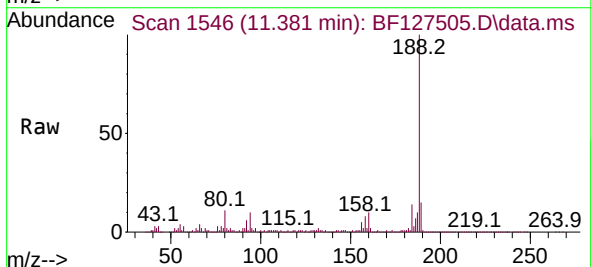
Tgt Ion: 188 Resp: 264231

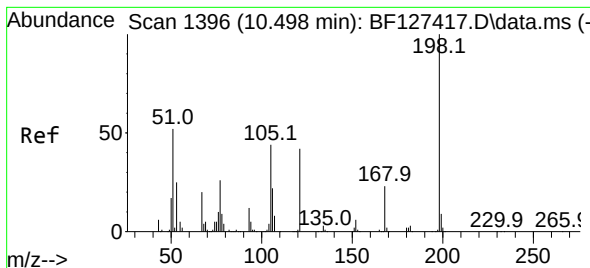
Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.0

80 11.0 8.0 12.0

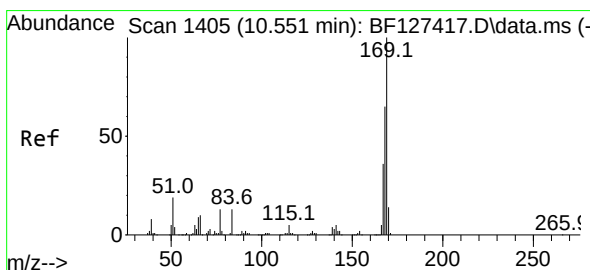
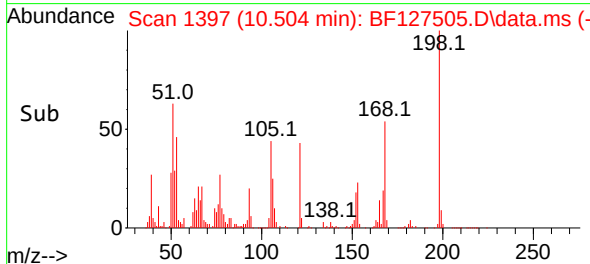
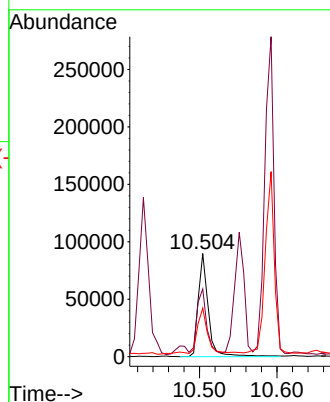
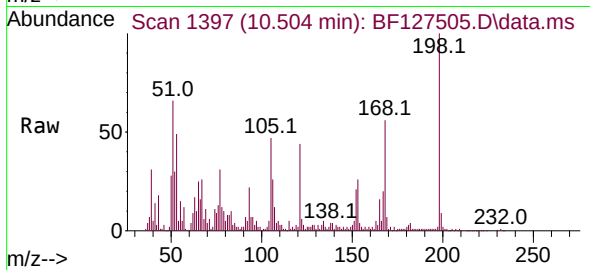




#65
4,6-Dinitro-2-methylphenol
Concen: 49.892 ng
RT: 10.504 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

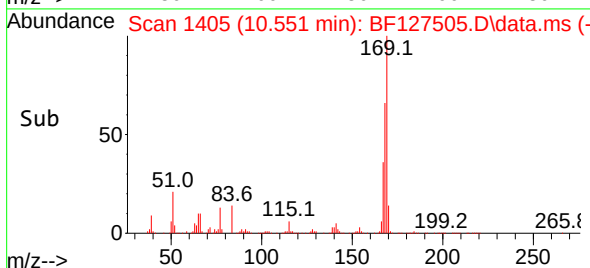
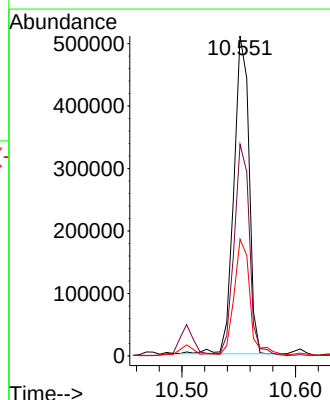
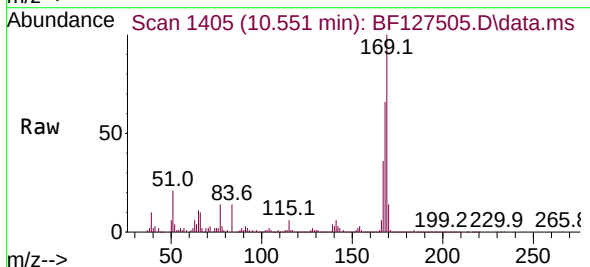
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

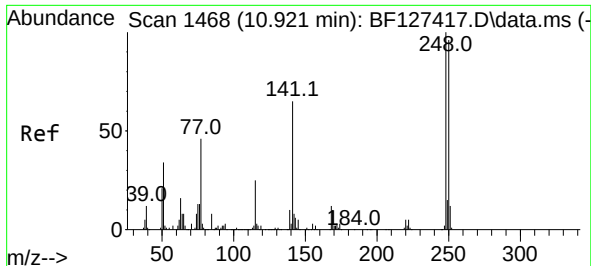
Tgt Ion:198 Resp: 81119
Ion Ratio Lower Upper
198 100
51 65.6 42.7 82.7
105 47.0 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 58.489 ng
RT: 10.551 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion:169 Resp: 470451
Ion Ratio Lower Upper
169 100
168 66.1 52.7 79.1
167 36.5 28.9 43.3

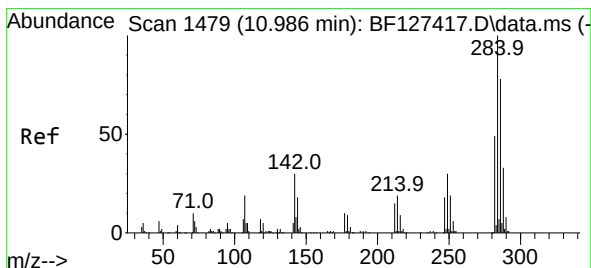
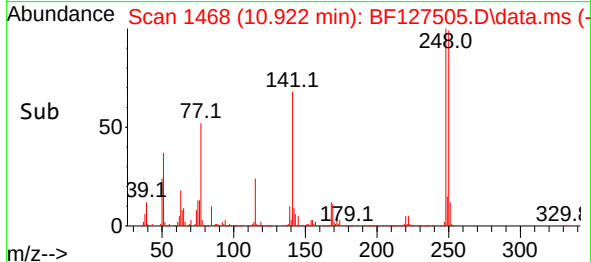
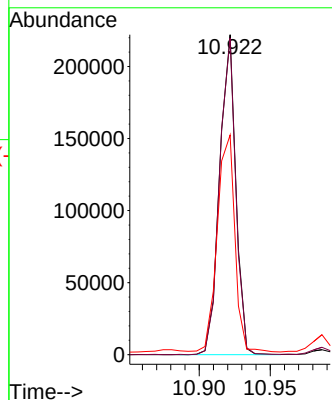
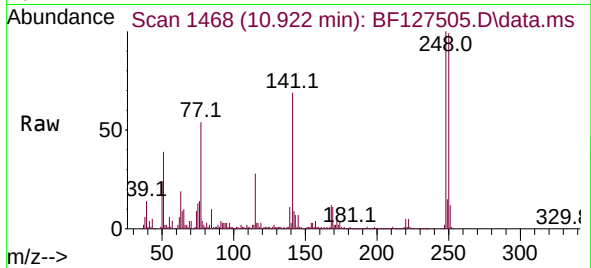




#67
4-Bromophenyl-phenylether
Concen: 56.854 ng
RT: 10.922 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

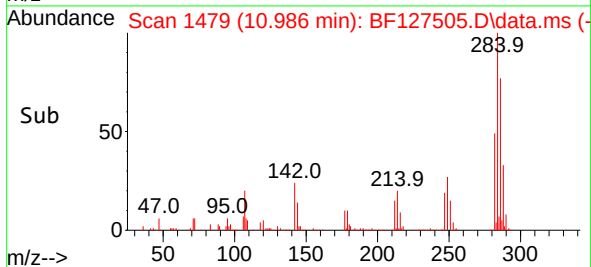
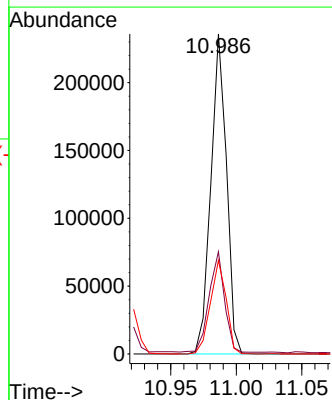
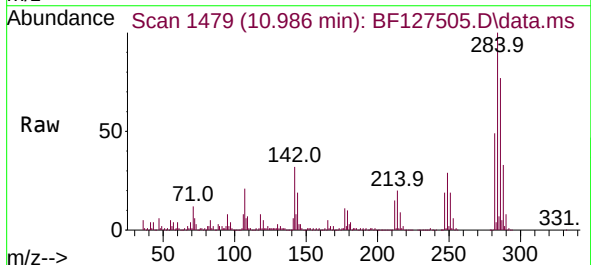
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

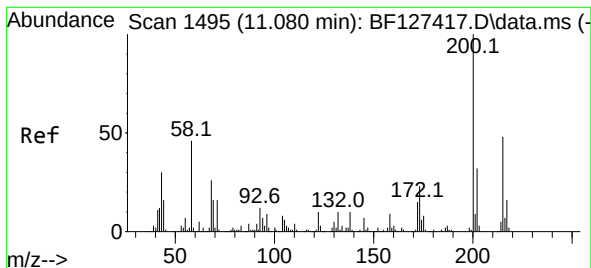
Tgt Ion:248 Resp: 175390
Ion Ratio Lower Upper
248 100
250 99.0 76.6 115.0
141 68.7 52.2 78.2



#68
Hexachlorobenzene
Concen: 58.090 ng
RT: 10.986 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion:284 Resp: 195613
Ion Ratio Lower Upper
284 100
142 31.9 23.8 35.8
249 29.2 23.9 35.9





#69

Atrazine

Concen: 51.999 ng

RT: 11.086 min Scan# 1495

Delta R.T. 0.006 min

Lab File: BF127505.D

Acq: 24 Mar 2022 16:24

Instrument :

BNA_F

ClientSampleId :

MW-5MSD

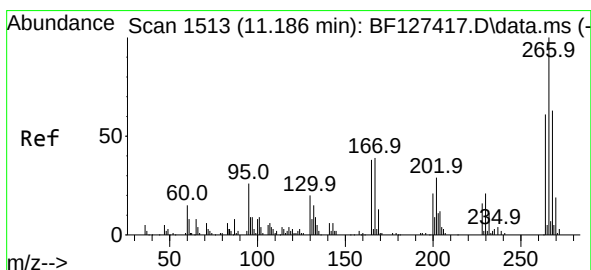
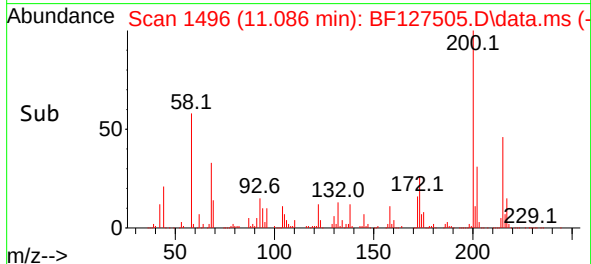
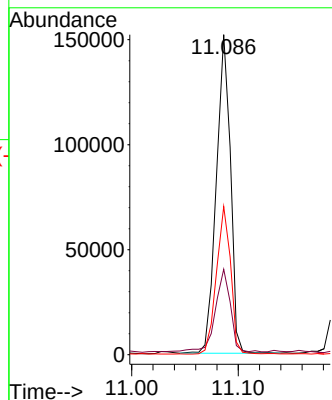
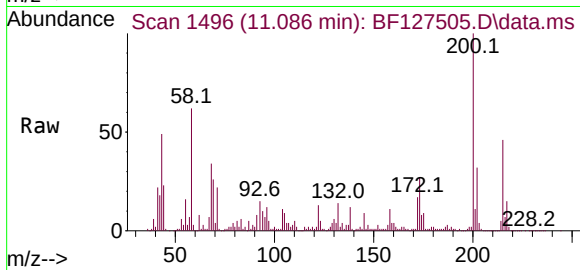
Tgt Ion:200 Resp: 139239

Ion Ratio Lower Upper

200 100

173 26.7 2.9 42.9

215 46.3 28.0 68.0



#70

Pentachlorophenol

Concen: 107.987 ng

RT: 11.192 min Scan# 1514

Delta R.T. 0.006 min

Lab File: BF127505.D

Acq: 24 Mar 2022 16:24

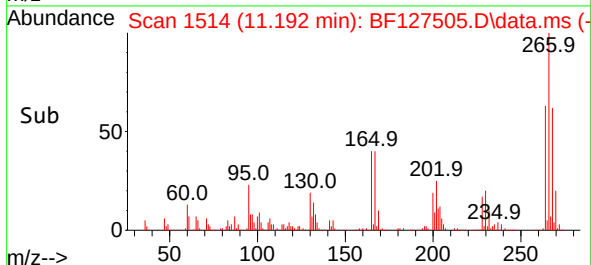
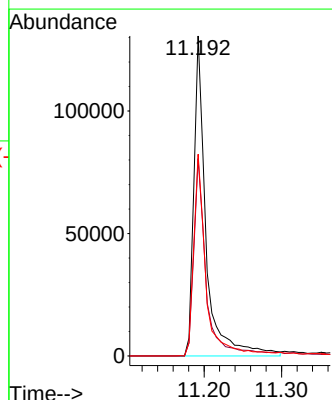
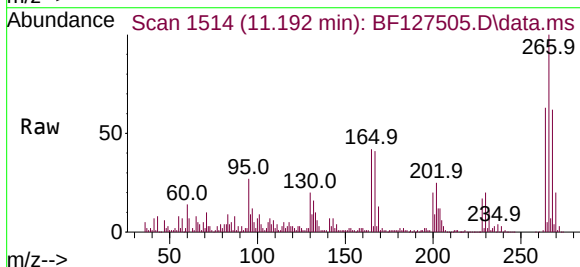
Tgt Ion:266 Resp: 143747

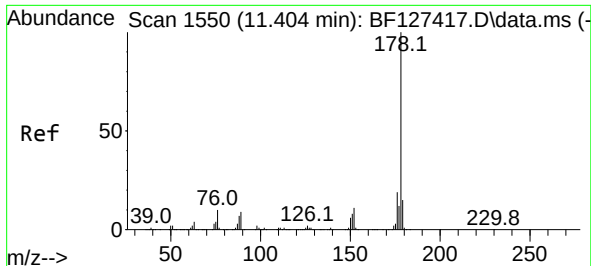
Ion Ratio Lower Upper

266 100

268 61.7 50.4 75.6

264 63.0 48.5 72.7

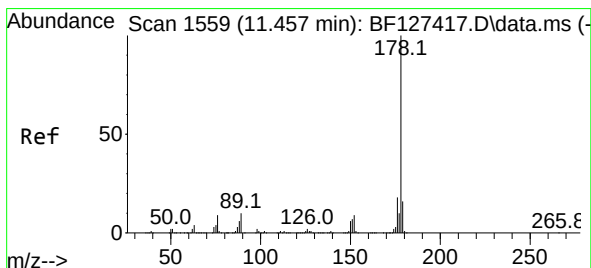
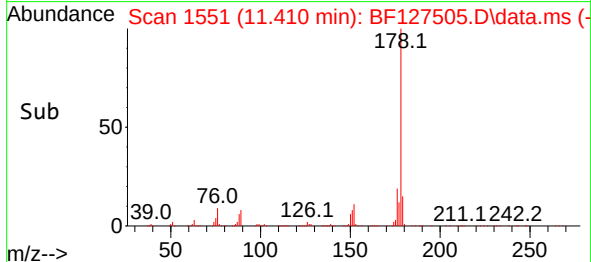
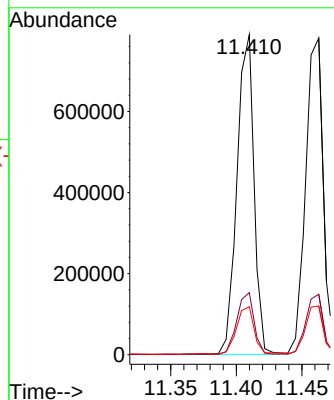
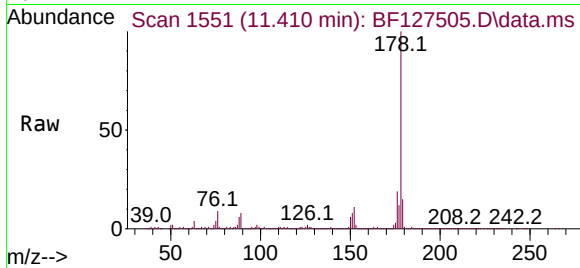




#71
Phenanthrene
Concen: 51.897 ng
RT: 11.410 min Scan# 1550
Delta R.T. 0.006 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

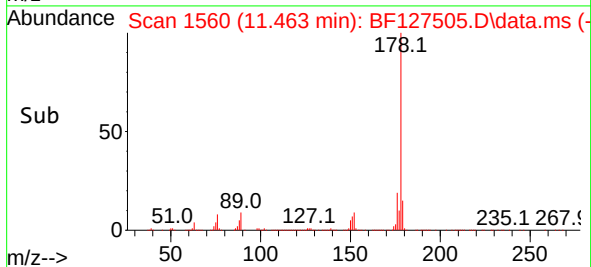
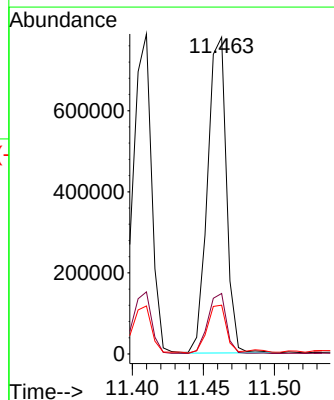
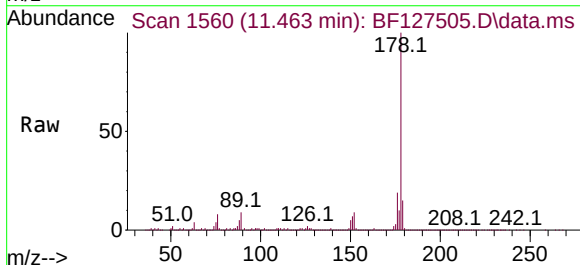
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

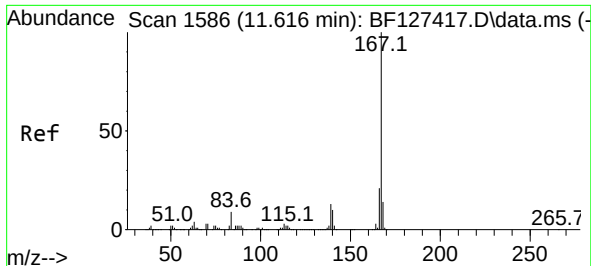
Tgt Ion:178 Resp: 714911
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.0 12.4 18.6



#72
Anthracene
Concen: 52.953 ng
RT: 11.463 min Scan# 1560
Delta R.T. 0.006 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion:178 Resp: 723887
Ion Ratio Lower Upper
178 100
176 19.1 14.6 22.0
179 15.4 12.4 18.6

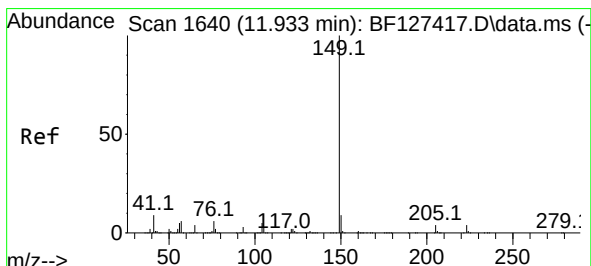
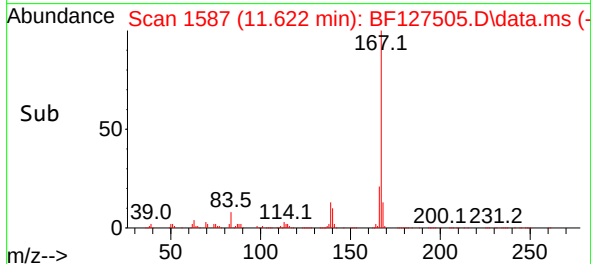
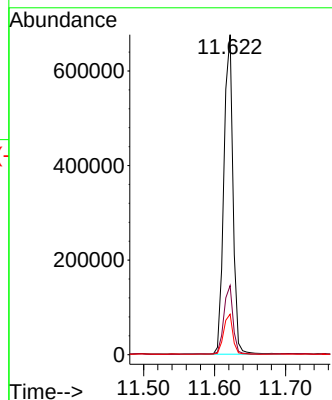
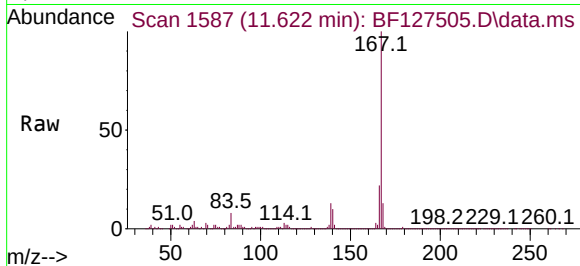




#73
Carbazole
Concen: 45.678 ng
RT: 11.622 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

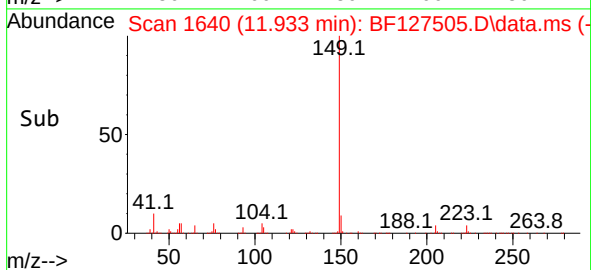
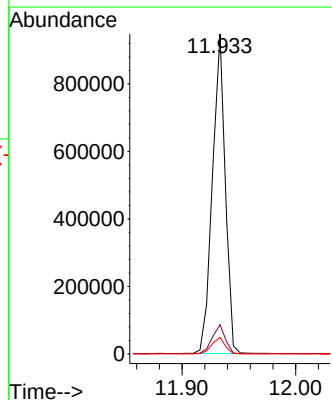
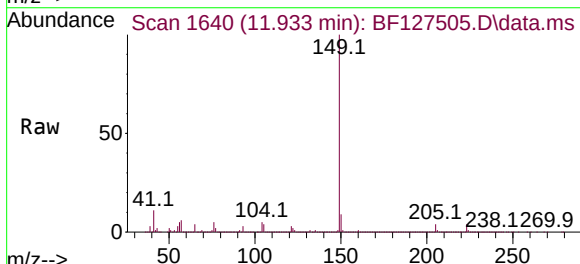
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

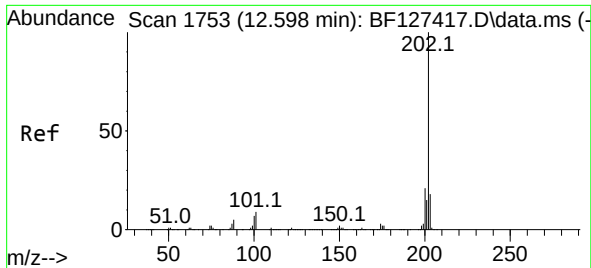
Tgt Ion:167 Resp: 597162
Ion Ratio Lower Upper
167 100
166 21.6 17.0 25.4
139 12.6 10.5 15.7



#74
Di-n-butylphthalate
Concen: 54.801 ng
RT: 11.933 min Scan# 1640
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion:149 Resp: 741585
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 5.2 4.2 6.2

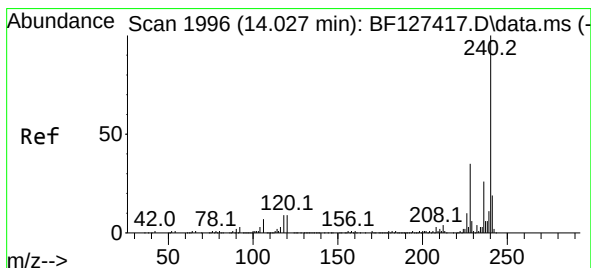
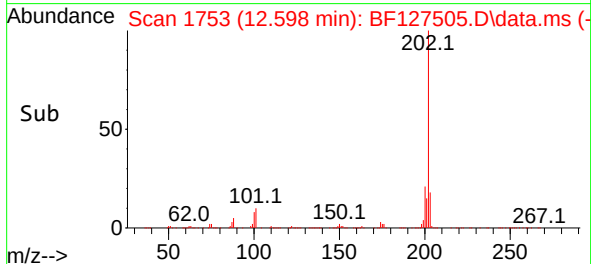
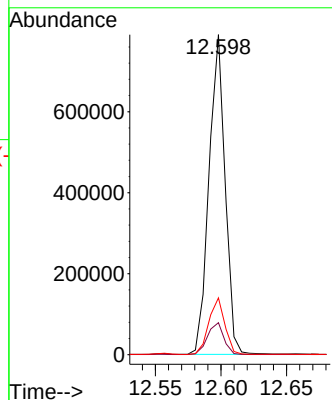
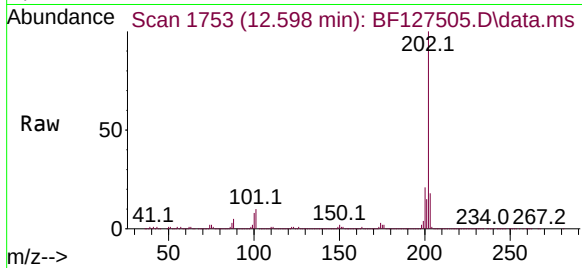




#75
Fluoranthene
Concen: 44.714 ng
RT: 12.598 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

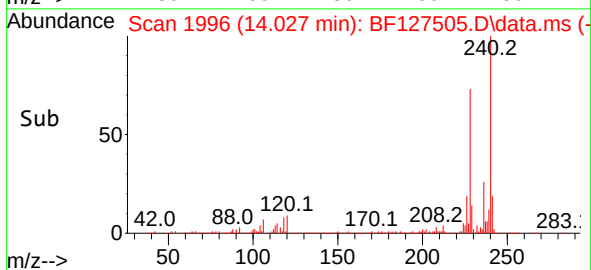
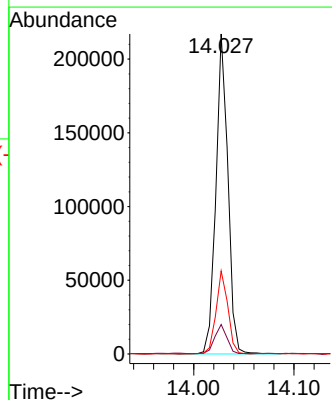
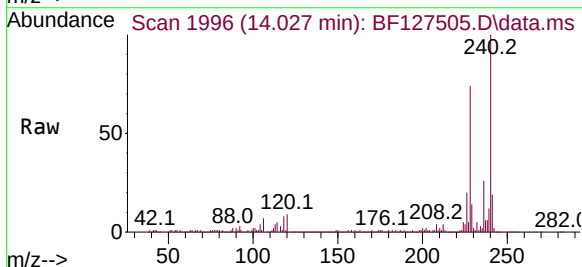
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

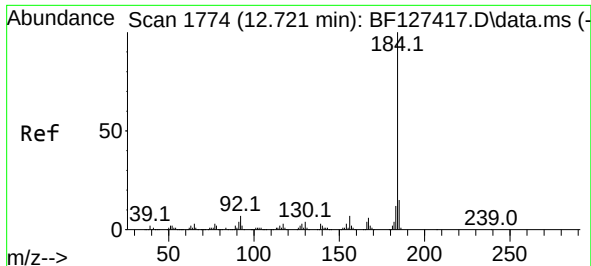
Tgt Ion:202 Resp: 677479
Ion Ratio Lower Upper
202 100
101 10.0 0.0 29.0
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion:240 Resp: 180717
Ion Ratio Lower Upper
240 100
120 9.2 7.1 10.7
236 26.0 20.7 31.1

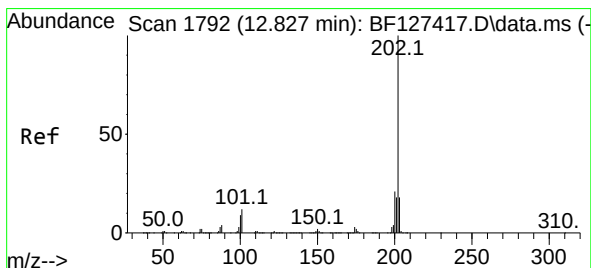
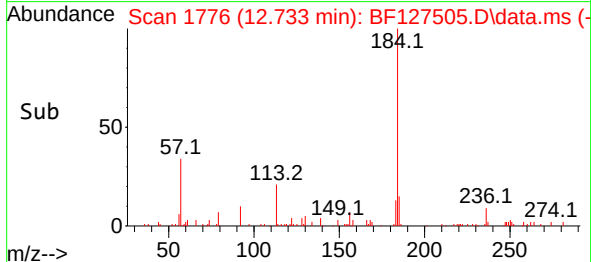
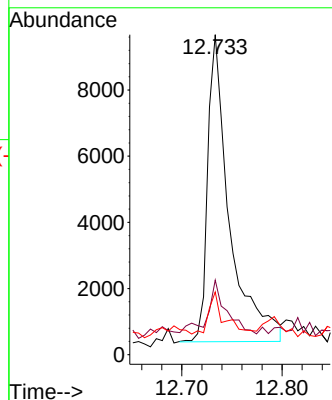
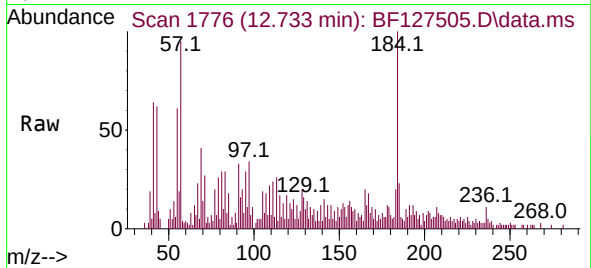




#77
Benzidine
Concen: 3.256 ng
RT: 12.733 min Scan# 1776
Delta R.T. 0.012 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

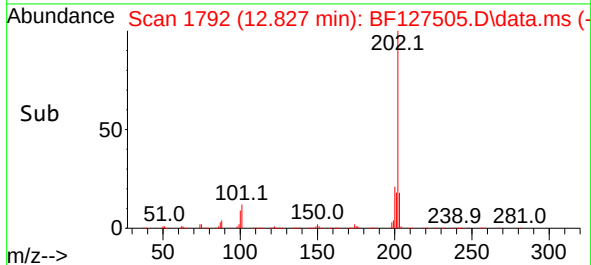
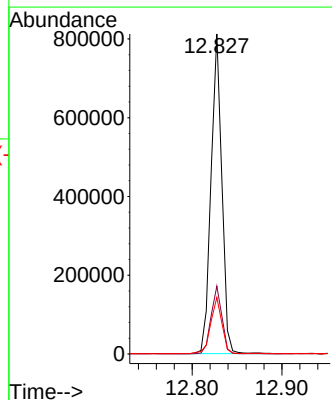
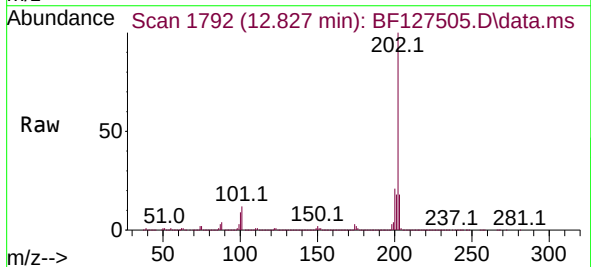
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

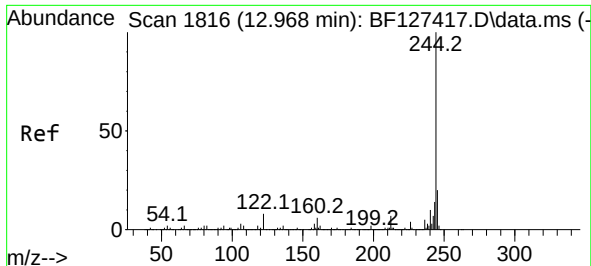
Tgt Ion:184 Resp: 14032
Ion Ratio Lower Upper
184 100
185 23.3 12.2 18.2#
183 19.6 9.4 14.0#



#78
Pyrene
Concen: 43.765 ng
RT: 12.827 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion:202 Resp: 678782
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 17.7 14.3 21.5

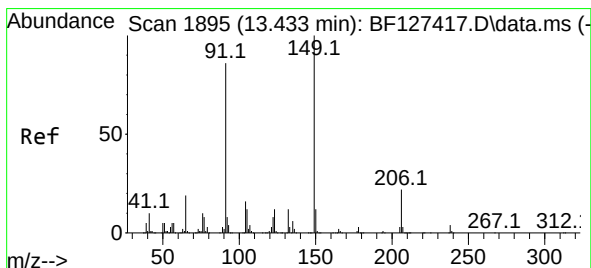
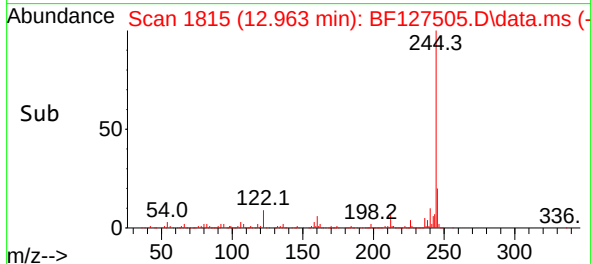
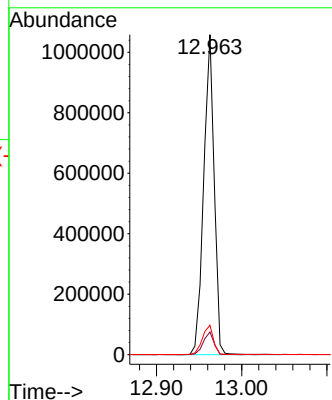
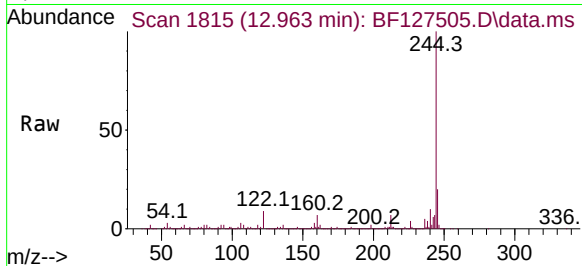




#79
 Terphenyl-d14
 Concen: 81.816 ng
 RT: 12.963 min Scan# 1816
 Delta R.T. -0.006 min
 Lab File: BF127505.D
 Acq: 24 Mar 2022 16:24

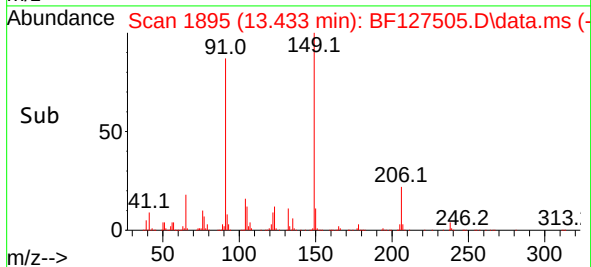
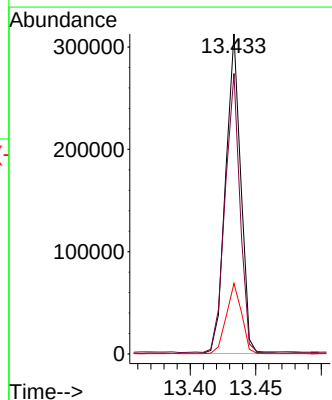
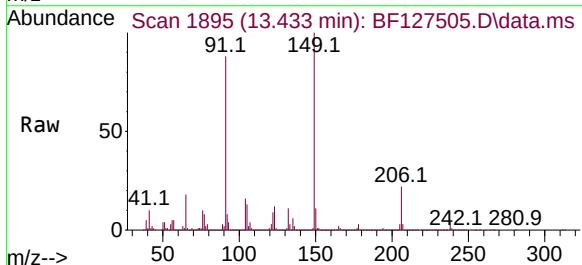
Instrument :
 BNA_F
 ClientSampleId :
 MW-5MSD

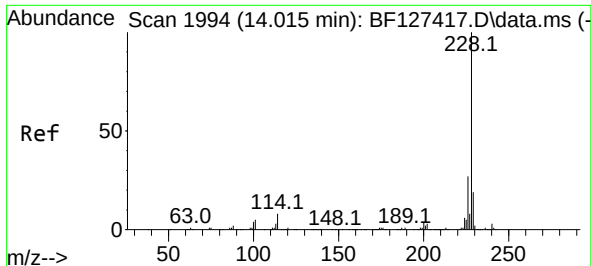
Tgt Ion:244 Resp: 903204
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 9.2 6.2 9.2



#80
 Butylbenzylphthalate
 Concen: 48.802 ng
 RT: 13.433 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: BF127505.D
 Acq: 24 Mar 2022 16:24

Tgt Ion:149 Resp: 249113
 Ion Ratio Lower Upper
 149 100
 91 87.6 69.1 103.7
 206 22.1 17.7 26.5

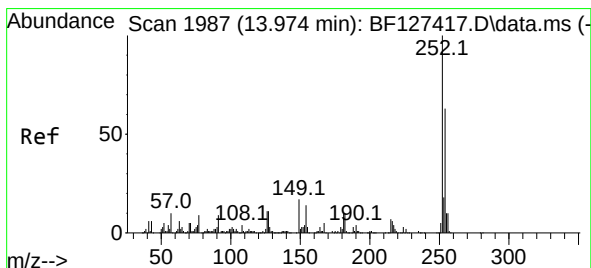
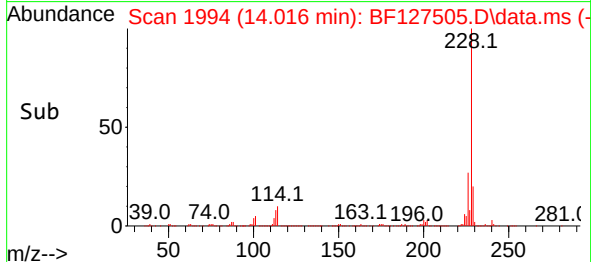
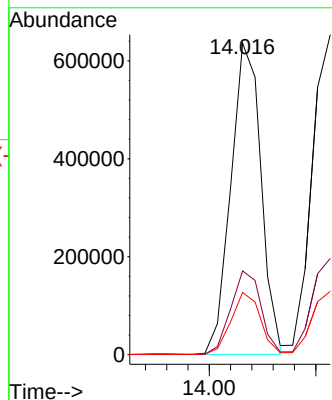
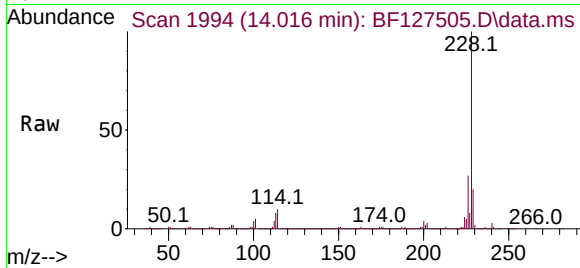




#81
Benzo(a)anthracene
Concen: 51.799 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

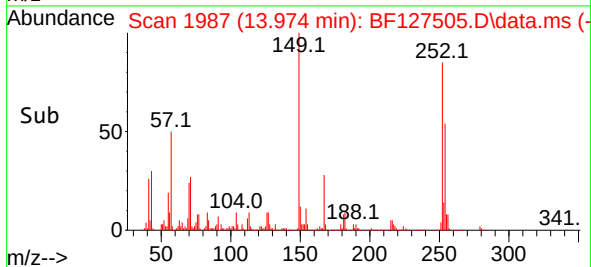
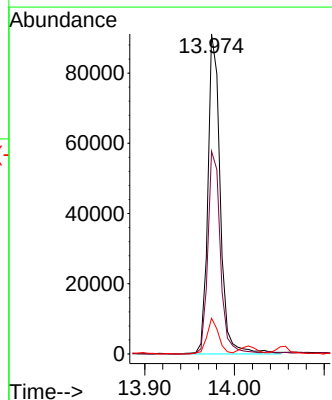
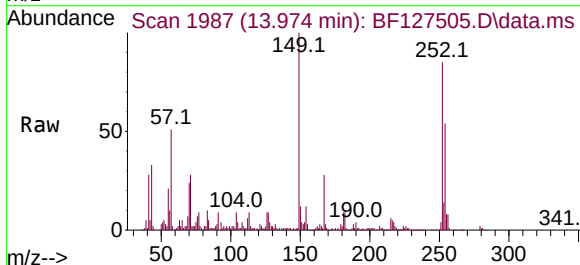
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

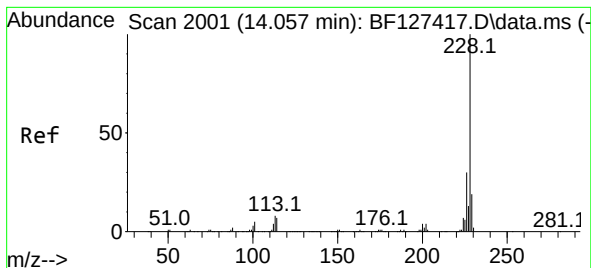
Tgt Ion:228 Resp: 626015
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 20.0 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 24.594 ng
RT: 13.974 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion:252 Resp: 87354
Ion Ratio Lower Upper
252 100
254 63.3 50.2 75.4
126 11.1 8.7 13.1





#83

Chrysene

Concen: 51.381 ng

RT: 14.057 min Scan# 2001

Delta R.T. 0.000 min

Lab File: BF127505.D

Acq: 24 Mar 2022 16:24

Instrument :

BNA_F

ClientSampleId :

MW-5MSD

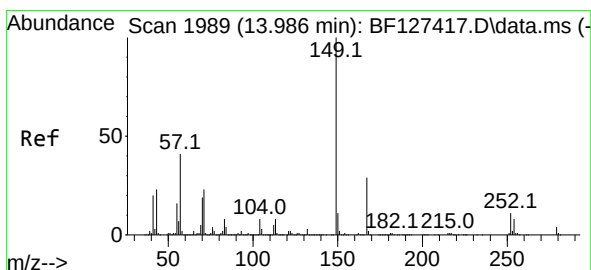
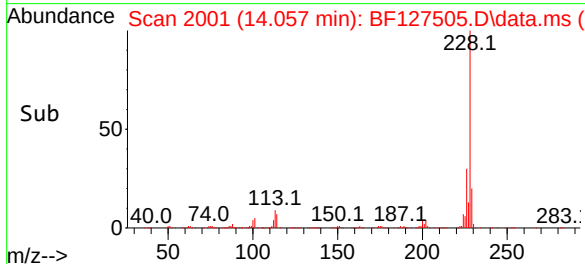
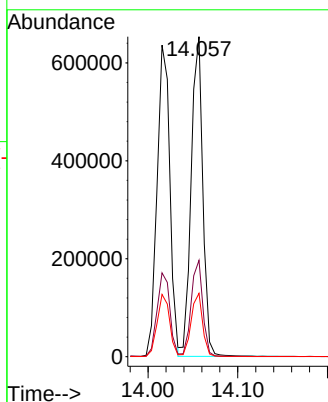
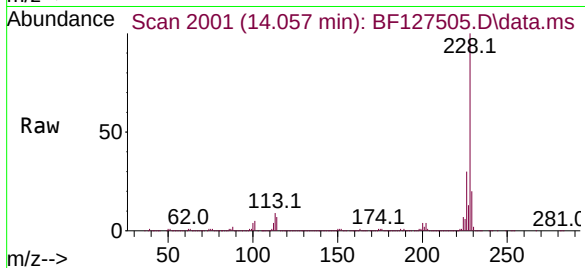
Tgt Ion:228 Resp: 588015

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.4

229 19.8 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.687 ng

RT: 13.986 min Scan# 1989

Delta R.T. 0.000 min

Lab File: BF127505.D

Acq: 24 Mar 2022 16:24

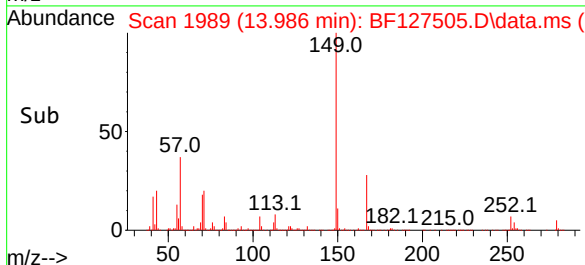
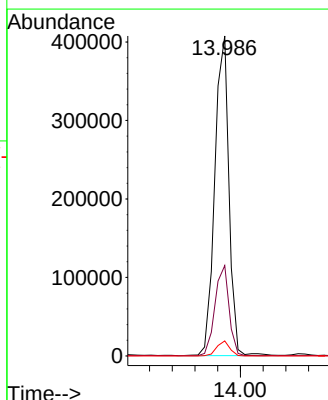
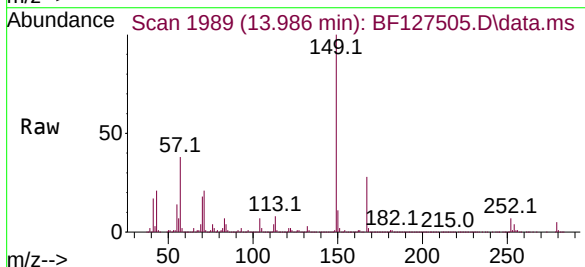
Tgt Ion:149 Resp: 352193

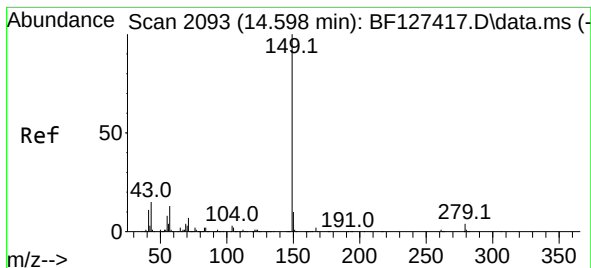
Ion Ratio Lower Upper

149 100

167 28.2 22.9 34.3

279 4.7 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 80.169 ng

RT: 14.598 min Scan# 2093

Delta R.T. 0.000 min

Lab File: BF127505.D

Acq: 24 Mar 2022 16:24

Instrument :

BNA_F

ClientSampleId :

MW-5MSD

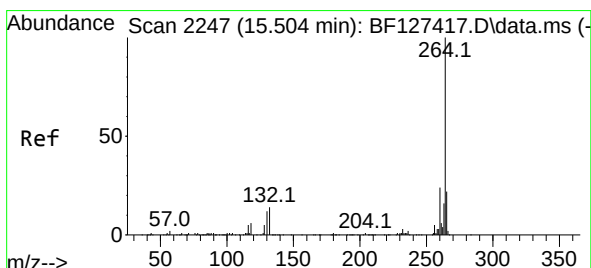
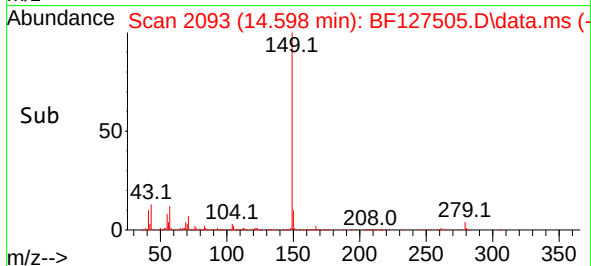
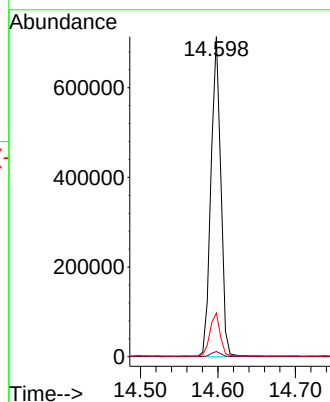
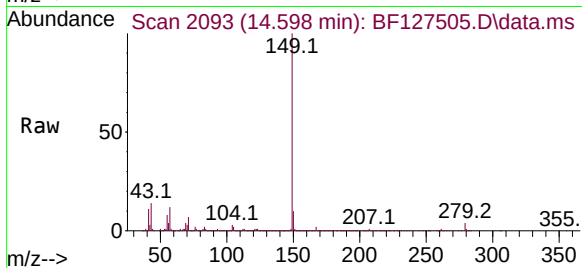
Tgt Ion:149 Resp: 629495

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.9 11.0 16.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2248

Delta R.T. 0.006 min

Lab File: BF127505.D

Acq: 24 Mar 2022 16:24

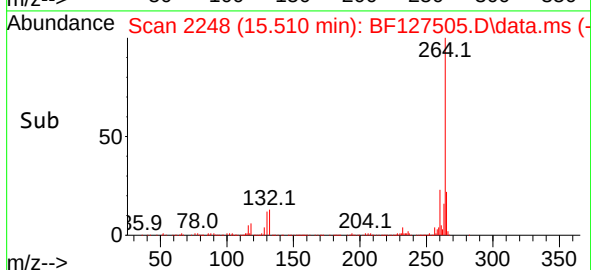
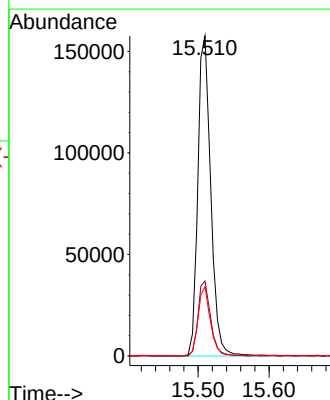
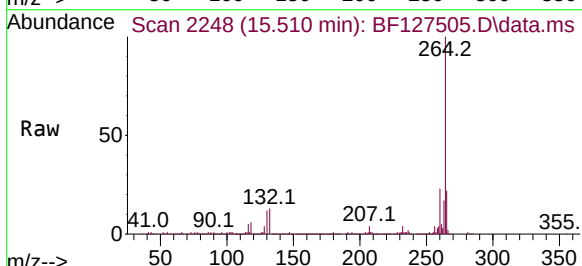
Tgt Ion:264 Resp: 199739

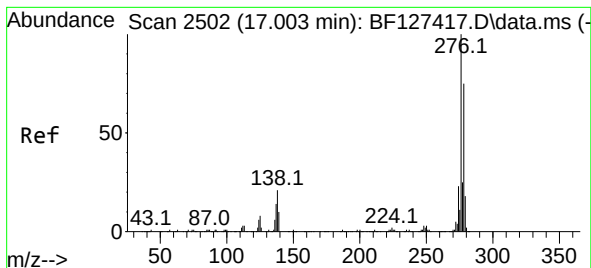
Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.034 ng

RT: 17.015 min Scan# 2174

Delta R.T. 0.012 min

Lab File: BF127505.D

Acq: 24 Mar 2022 16:24

Instrument :

BNA_F

ClientSampleId :

MW-5MSD

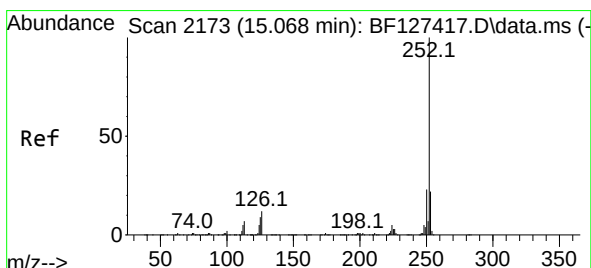
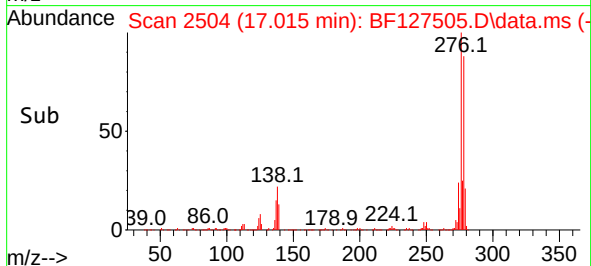
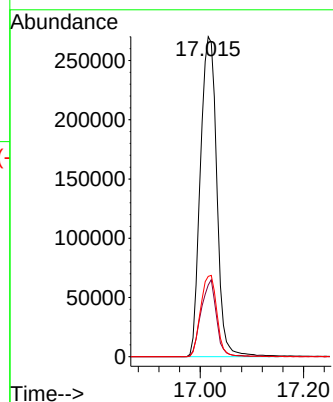
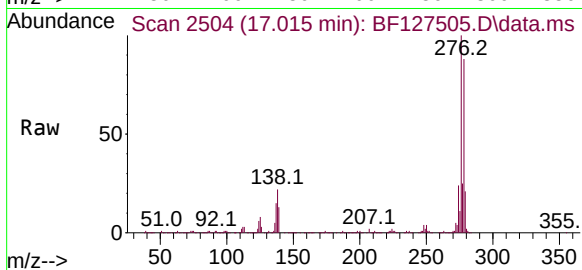
Tgt Ion:276 Resp: 595142

Ion Ratio Lower Upper

276 100

138 22.4 17.1 25.7

277 25.2 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 53.531 ng

RT: 15.074 min Scan# 2174

Delta R.T. 0.006 min

Lab File: BF127505.D

Acq: 24 Mar 2022 16:24

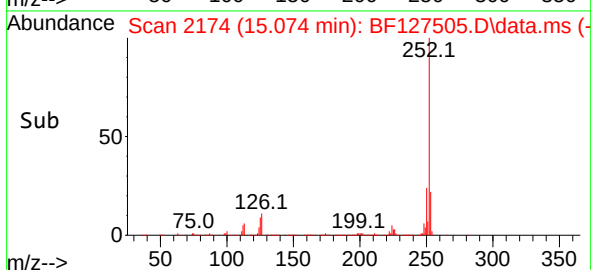
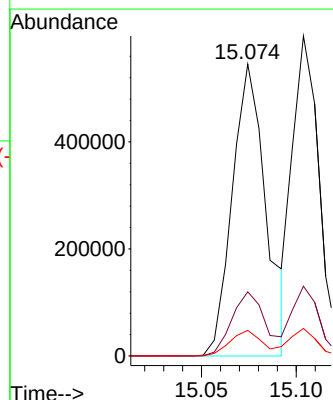
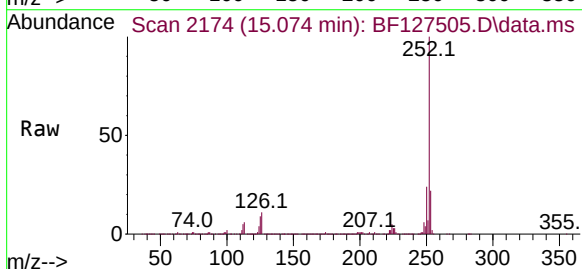
Tgt Ion:252 Resp: 674165

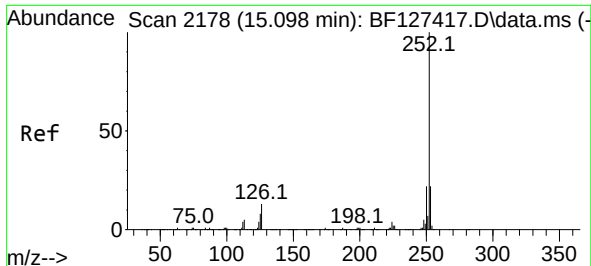
Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

125 8.8 7.0 10.4

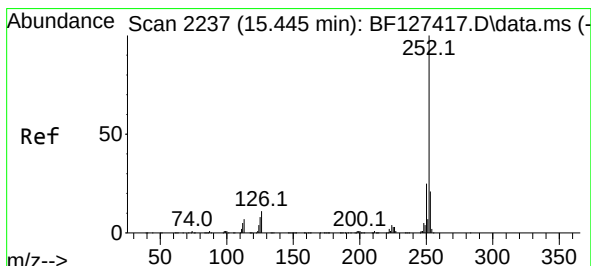
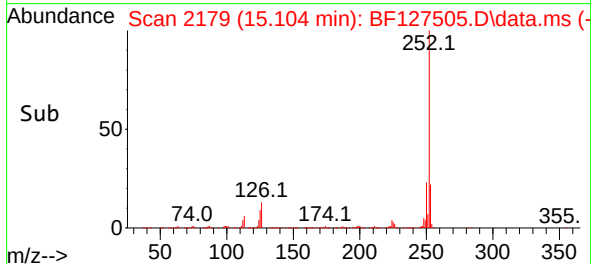
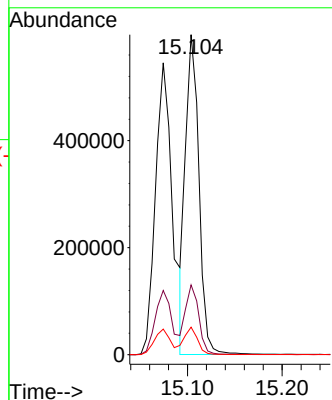
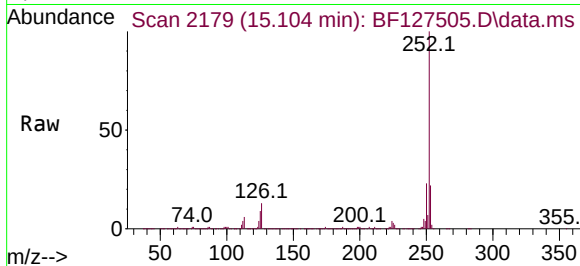




#89
Benzo(k)fluoranthene
Concen: 45.075 ng
RT: 15.104 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

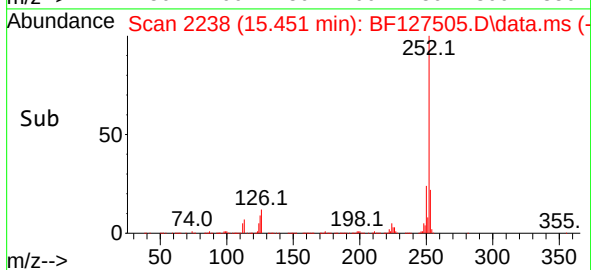
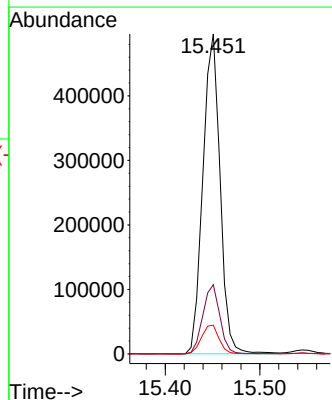
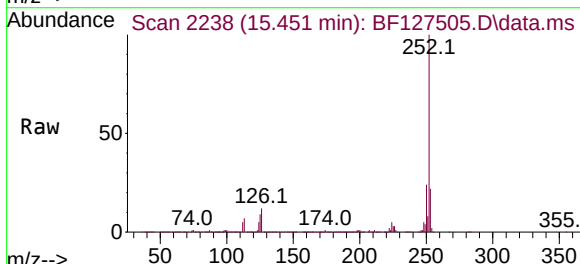
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

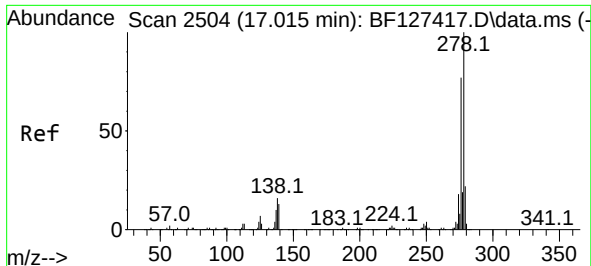
Tgt Ion:252 Resp: 588488
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 8.6 6.9 10.3



#90
Benzo(a)pyrene
Concen: 60.520 ng
RT: 15.451 min Scan# 2238
Delta R.T. 0.006 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion:252 Resp: 625521
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 9.0 6.7 10.1

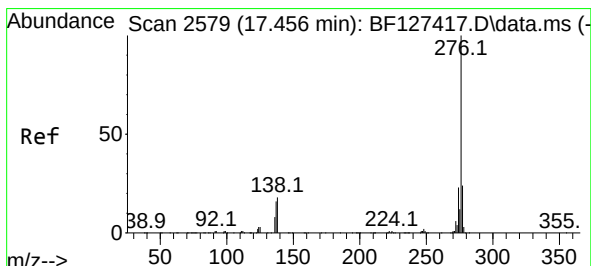
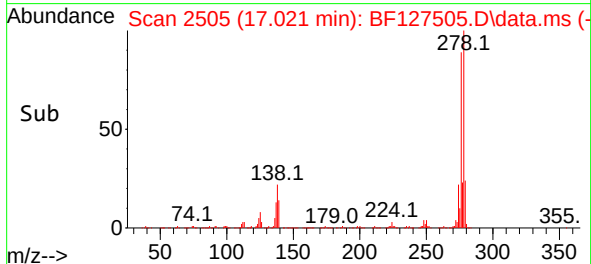
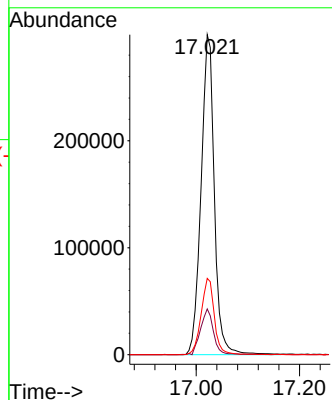
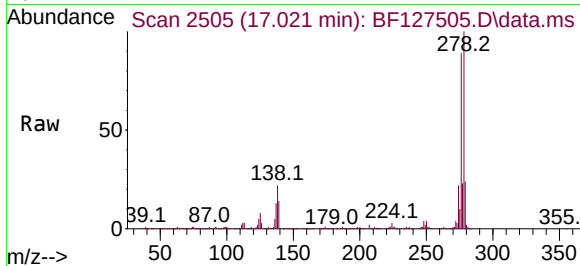




#91
Dibenzo(a,h)anthracene
Concen: 47.773 ng
RT: 17.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Instrument :
BNA_F
ClientSampleId :
MW-5MSD

Tgt Ion:278 Resp: 533074
Ion Ratio Lower Upper
278 100
139 14.3 10.8 16.2
279 23.9 17.7 26.5



#92
Benzo(g,h,i)perylene
Concen: 42.934 ng
RT: 17.468 min Scan# 2581
Delta R.T. 0.012 min
Lab File: BF127505.D
Acq: 24 Mar 2022 16:24

Tgt Ion:276 Resp: 495192
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.4
138 19.0 14.6 22.0

