

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
 Data File : BF127523.D
 Acq On : 25 Mar 2022 12:28
 Operator : CG\JU
 Sample : N2062-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5MSD

Quant Time: Mar 25 17:25:28 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	6.845	152	91513	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	339047	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	194757	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	336640	20.000	ng	0.00
76) Chrysene-d12	14.033	240	198115	20.000	ng	0.00
86) Perylene-d12	15.515	264	194486	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	445022	77.623	ng	0.01
7) Phenol-d6	6.492	99	410291	52.355	ng	0.00
23) Nitrobenzene-d5	7.422	82	769988	97.077	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	298186	143.728	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1236395	92.701	ng	0.00
79) Terphenyl-d14	12.968	244	1228399	101.502	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.651	88	65345	25.951	ng	96
3) Pyridine	3.434	79	133199	18.742	ng	95
4) n-Nitrosodimethylamine	3.381	42	101445	25.998	ng	94
6) Aniline	6.516	93	254089	27.170	ng	96
8) 2-Chlorophenol	6.639	128	273998	46.768	ng	98
9) Benzaldehyde	6.404	77	202640	52.584	ng	98
10) Phenol	6.504	94	189145	22.162	ng	98
11) bis(2-Chloroethyl)ether	6.587	93	341794	54.732	ng	98
12) 1,3-Dichlorobenzene	6.787	146	322411	48.928	ng	98
13) 1,4-Dichlorobenzene	6.863	146	328183	49.512	ng	97
14) 1,2-Dichlorobenzene	7.016	146	313205	48.516	ng	99
15) Benzyl Alcohol	6.998	79	216249	37.970	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.122	45	592654	52.739	ng	78
17) 2-Methylphenol	7.110	107	190667	38.563	ng	# 88
18) Hexachloroethane	7.351	117	148454	61.178	ng	95
19) n-Nitroso-di-n-propyla...	7.269	70	262555	55.893	ng	99
20) 3+4-Methylphenols	7.269	107	214661	35.199	ng	98
22) Acetophenone	7.263	105	444116	51.243	ng	# 93
24) Nitrobenzene	7.439	77	398967	52.743	ng	99
25) Isophorone	7.675	82	731858	57.933	ng	100
26) 2-Nitrophenol	7.751	139	161325	50.852	ng	97
27) 2,4-Dimethylphenol	7.792	122	259689	54.418	ng	98
28) bis(2-Chloroethoxy)met...	7.881	93	429534	52.341	ng	99
29) 2,4-Dichlorophenol	7.998	162	264579	48.838	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	303170	48.024	ng	98
31) Naphthalene	8.157	128	893527	49.639	ng	99
32) Benzoic acid	7.928	122	53925	23.229	ng	97
33) 4-Chloroaniline	8.210	127	84836	12.162	ng	98
34) Hexachlorobutadiene	8.263	225	191206	47.697	ng	99
35) Caprolactam	8.616	113	18656	11.170	ng	# 78
36) 4-Chloro-3-methylphenol	8.698	107	276919	47.112	ng	95
37) 2-Methylnaphthalene	8.845	142	590822	51.045	ng	100
38) 1-Methylnaphthalene	8.945	142	561810	49.087	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	304713	49.207	ng	98
41) Hexachlorocyclopentadiene	8.992	237	203204	89.559	ng	96
43) 2,4,6-Trichlorophenol	9.128	196	188541	50.370	ng	97

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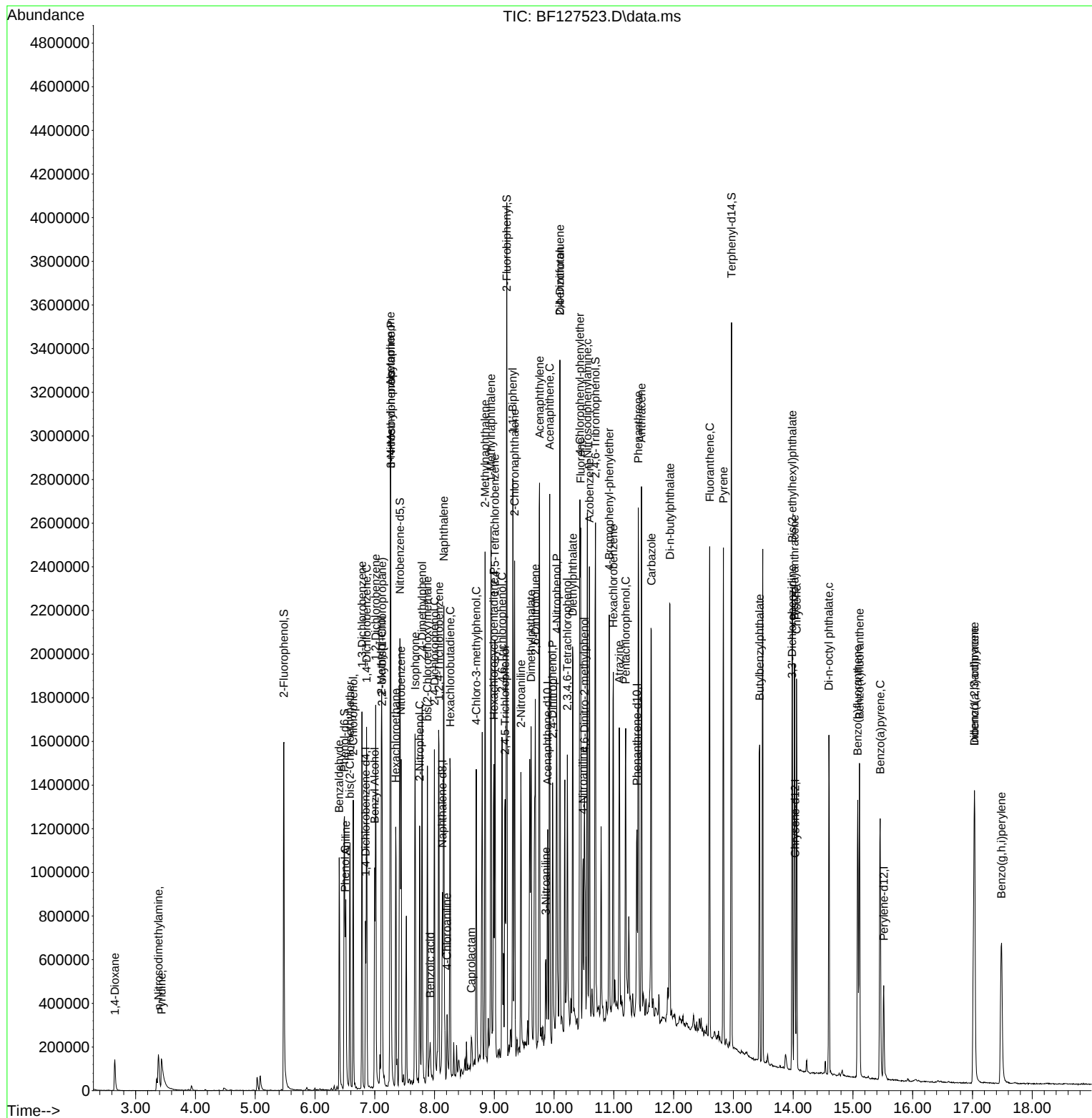
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	206870	53.688	ng	95
46) 1,1'-Biphenyl	9.310	154	721787	49.070	ng	99
47) 2-Chloronaphthalene	9.339	162	574048	49.559	ng	98
48) 2-Nitroaniline	9.445	65	233581	52.617	ng	99
49) Acenaphthylene	9.757	152	883490	50.453	ng	99
50) Dimethylphthalate	9.616	163	706448	52.141	ng	99
51) 2,6-Dinitrotoluene	9.686	165	150923	53.066	ng	95
52) Acenaphthene	9.927	154	524696	51.355	ng	98
53) 3-Nitroaniline	9.863	138	49094	15.736	ng	94
54) 2,4-Dinitrophenol	9.975	184	150309	102.027	ng	# 85
55) Dibenzofuran	10.098	168	763827	52.353	ng	100
56) 4-Nitrophenol	10.045	139	56573	35.628	ng	# 77
57) 2,4-Dinitrotoluene	10.098	165	185058	50.551	ng	94
58) Fluorene	10.445	166	630130	53.709	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	173950	51.061	ng	94
60) Diethylphthalate	10.316	149	641678	51.852	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	328743	46.946	ng	95
62) 4-Nitroaniline	10.486	138	124698	42.672	ng	98
63) Azobenzene	10.592	77	718689	49.219	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	107552	51.922	ng	98
66) n-Nitrosodiphenylamine	10.557	169	549760	53.648	ng	100
67) 4-Bromophenyl-phenylether	10.922	248	207267	52.735	ng	94
68) Hexachlorobenzene	10.992	284	229505	53.495	ng	98
69) Atrazine	11.092	200	181887	53.316	ng	96
70) Pentachlorophenol	11.198	266	209358	122.482	ng	99
71) Phenanthrene	11.410	178	899026	51.225	ng	100
72) Anthracene	11.463	178	906903	52.072	ng	99
73) Carbazole	11.627	167	791080	47.496	ng	98
74) Di-n-butylphthalate	11.939	149	973447	56.463	ng	100
75) Fluoranthene	12.604	202	934682	48.420	ng	100
78) Pyrene	12.833	202	925833	54.452	ng	99
80) Butylbenzylphthalate	13.439	149	327422	58.510	ng	95
81) Benzo(a)anthracene	14.021	228	692888	52.298	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	76536	19.656	ng	95
83) Chrysene	14.057	228	638364	50.882	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	450001	69.565	ng	99
85) Di-n-octyl phthalate	14.598	149	675030	78.419	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	654448	49.730	ng	99
88) Benzo(b)fluoranthene	15.080	252	664366	54.177	ng	100
89) Benzo(k)fluoranthene	15.110	252	572606	45.043	ng	99
90) Benzo(a)pyrene	15.457	252	615972	61.206	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	587054	54.031	ng	97
92) Benzo(g,h,i)perylene	17.486	276	562847	50.118	ng	99

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

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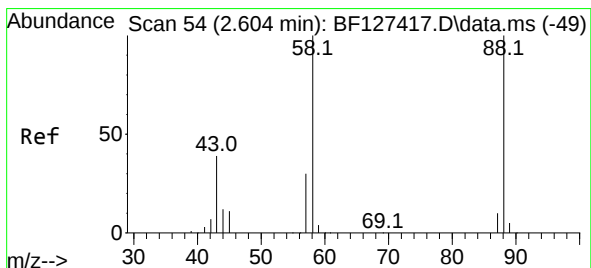
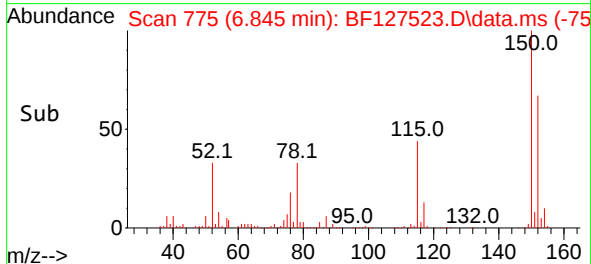
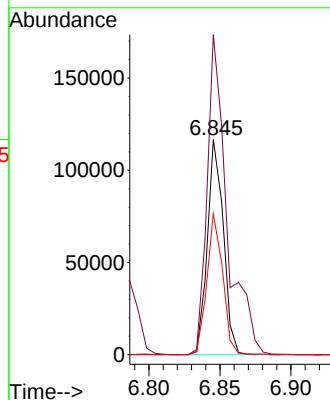
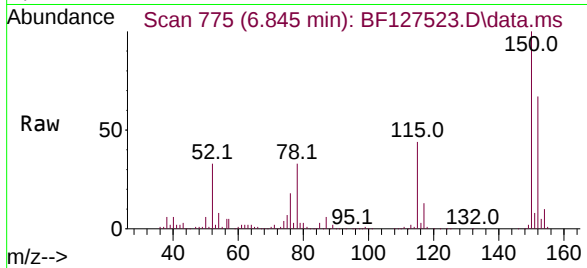




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127523.D
 Acq: 25 Mar 2022 12:28

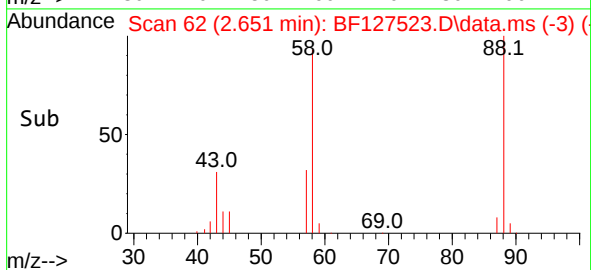
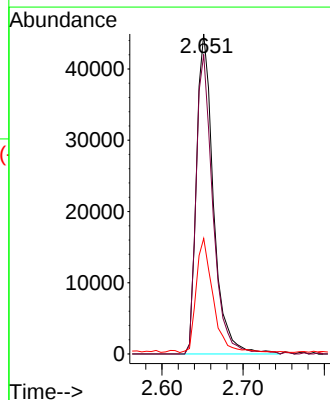
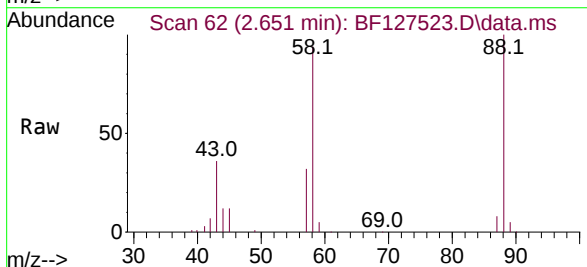
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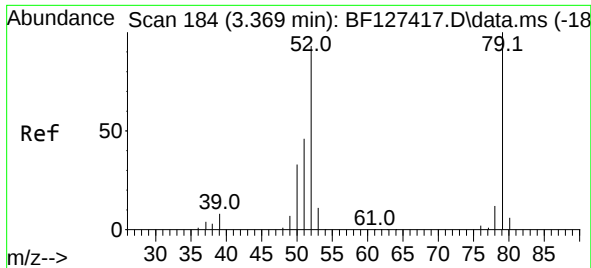
Tgt Ion:152 Resp: 91513
 Ion Ratio Lower Upper
 152 100
 150 148.7 117.2 175.8
 115 65.5 49.8 74.6



#2
 1,4-Dioxane
 Concen: 25.951 ng
 RT: 2.651 min Scan# 62
 Delta R.T. 0.047 min
 Lab File: BF127523.D
 Acq: 25 Mar 2022 12:28

Tgt Ion: 88 Resp: 65345
 Ion Ratio Lower Upper
 88 100
 58 92.4 77.0 115.4
 43 35.5 31.3 46.9

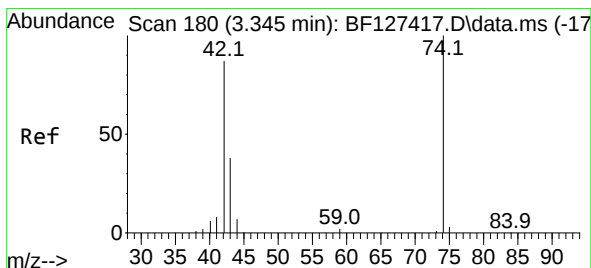
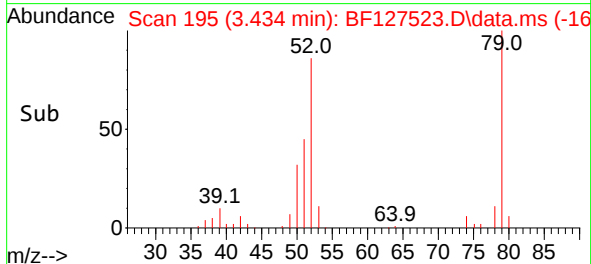
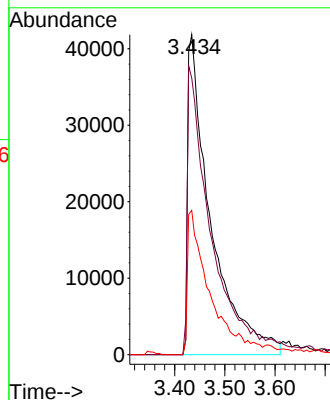
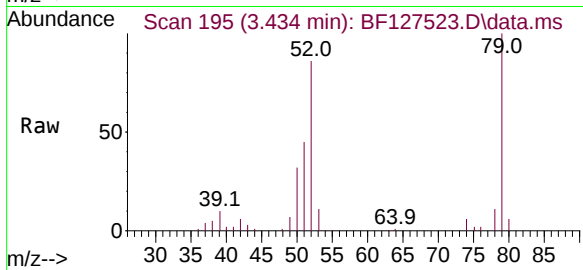




#3
 Pyridine
 Concen: 18.742 ng
 RT: 3.434 min Scan# 184
 Delta R.T. 0.065 min
 Lab File: BF127523.D
 Acq: 25 Mar 2022 12:28

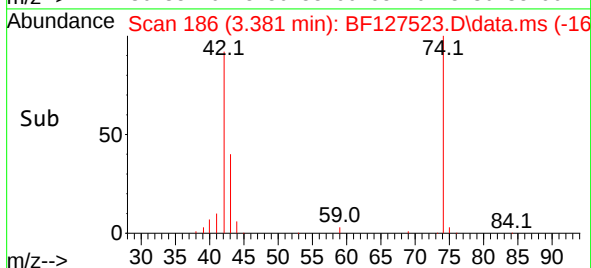
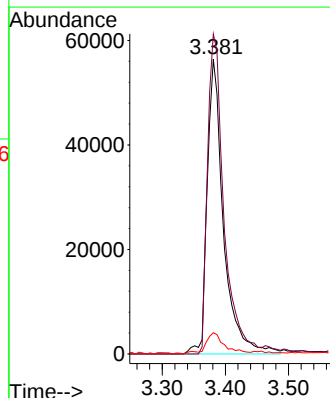
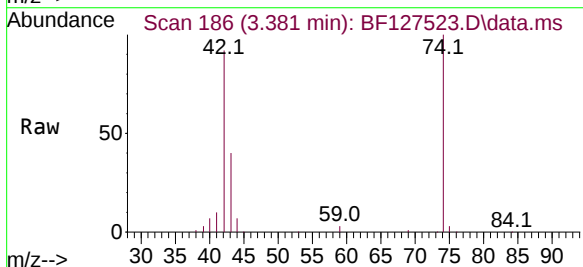
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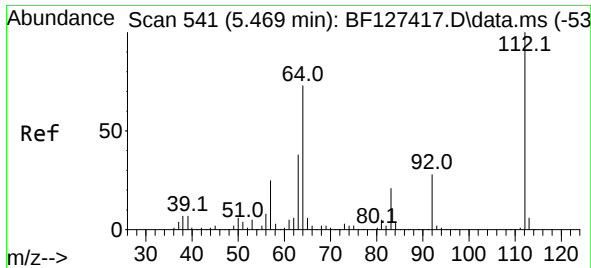
Tgt Ion: 79 Resp: 133199
 Ion Ratio Lower Upper
 79 100
 52 86.5 74.2 111.4
 51 45.1 36.7 55.1



#4
 n-Nitrosodimethylamine
 Concen: 25.998 ng
 RT: 3.381 min Scan# 186
 Delta R.T. 0.035 min
 Lab File: BF127523.D
 Acq: 25 Mar 2022 12:28

Tgt Ion: 42 Resp: 101445
 Ion Ratio Lower Upper
 42 100
 74 108.6 92.4 138.6
 44 7.2 6.0 9.0

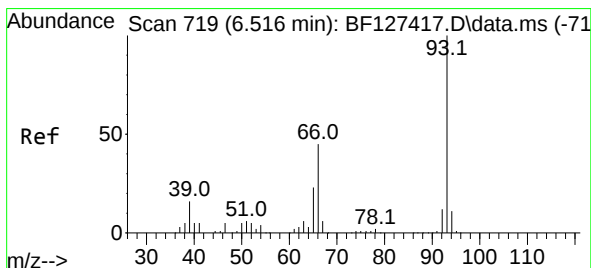
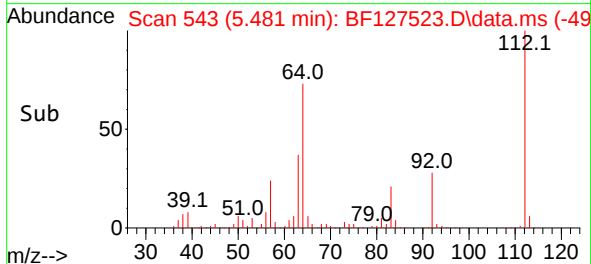
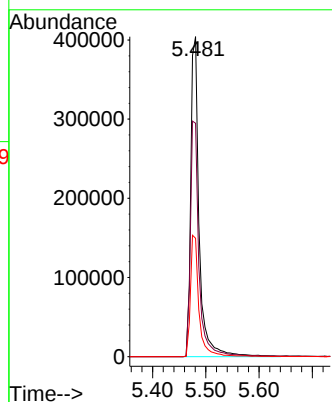
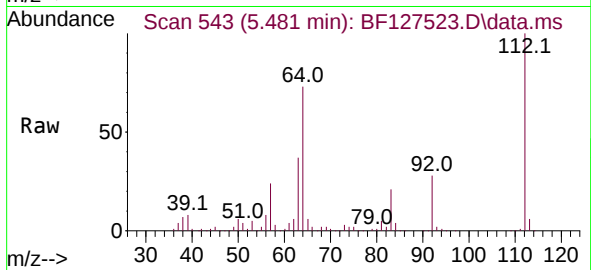




#5
2-Fluorophenol
Concen: 77.623 ng
RT: 5.481 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

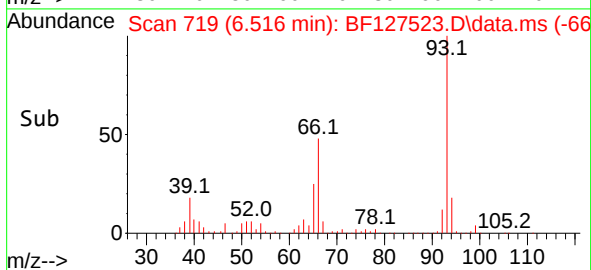
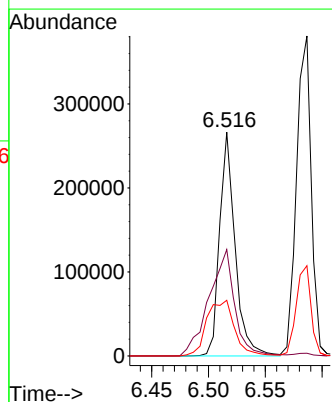
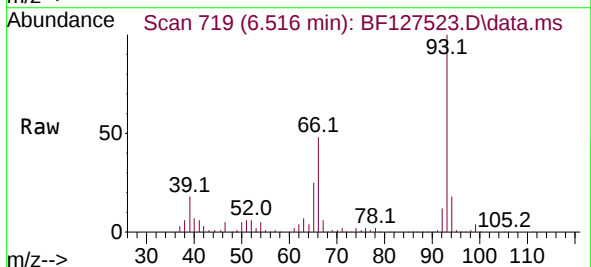
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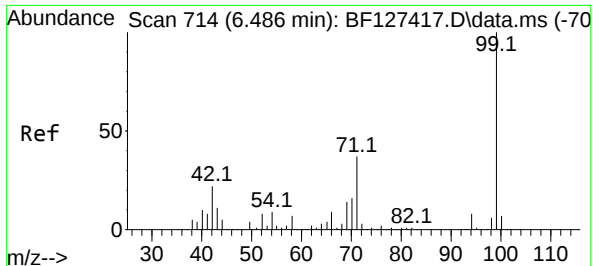
Tgt Ion:112 Resp: 445022
Ion Ratio Lower Upper
112 100
64 73.0 58.4 87.6
63 37.0 30.1 45.1



#6
Aniline
Concen: 27.170 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

Tgt Ion: 93 Resp: 254089
Ion Ratio Lower Upper
93 100
66 47.5 36.2 54.4
65 24.9 18.4 27.6

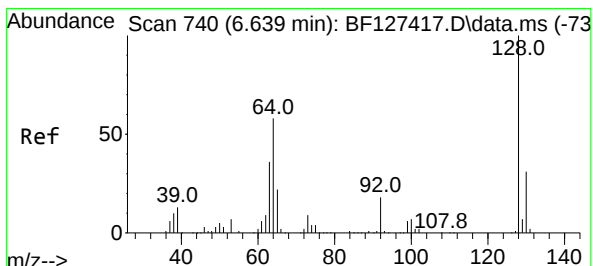
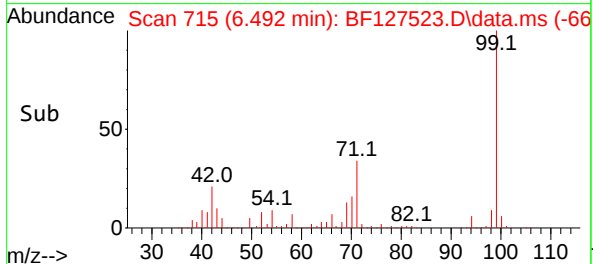
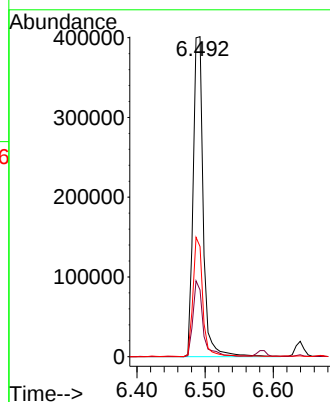
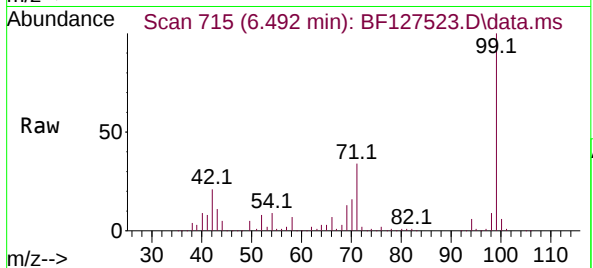




#7
Phenol-d6
Concen: 52.355 ng
RT: 6.492 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

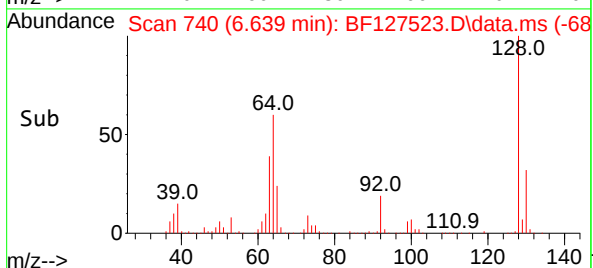
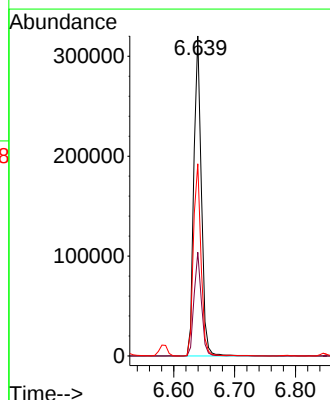
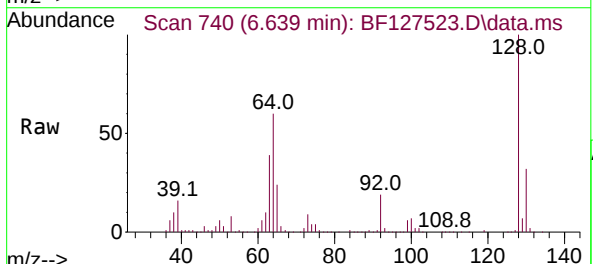
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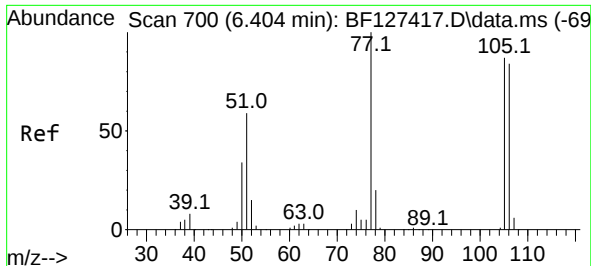
Tgt Ion: 99 Resp: 410291
Ion Ratio Lower Upper
99 100
42 20.9 17.8 26.6
71 34.4 29.6 44.4



#8
2-Chlorophenol
Concen: 46.768 ng
RT: 6.639 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

Tgt Ion: 128 Resp: 273998
Ion Ratio Lower Upper
128 100
130 32.4 11.3 51.3
64 60.1 38.4 78.4

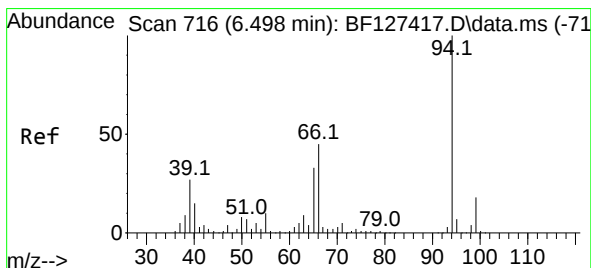
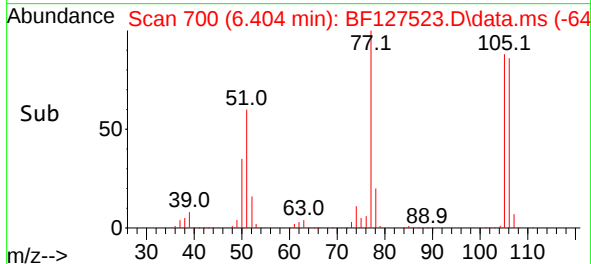
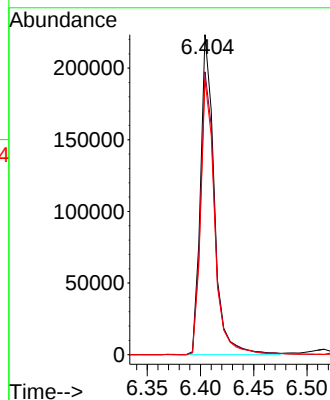
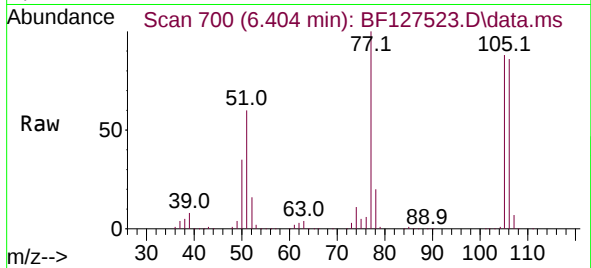




#9
Benzaldehyde
Concen: 52.584 ng
RT: 6.404 min Scan# 700
Delta R.T. 0.000 min
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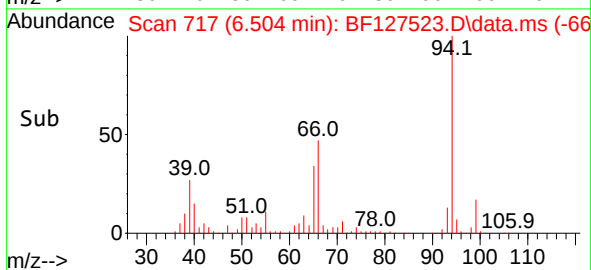
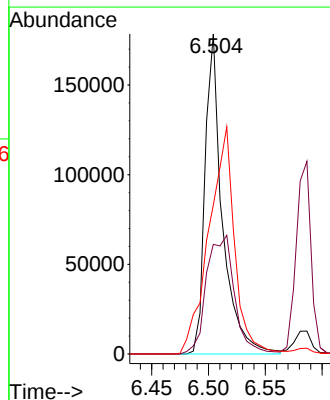
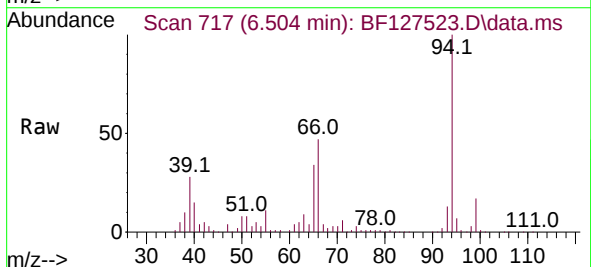
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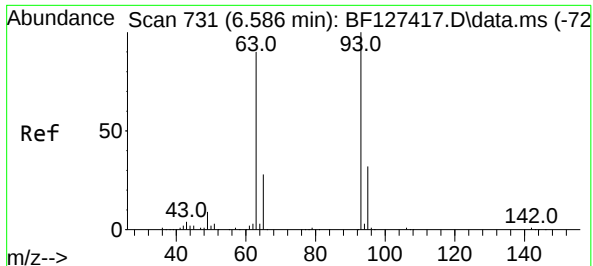
Tgt Ion: 77 Resp: 202640
Ion Ratio Lower Upper
77 100
105 88.4 66.8 106.8
106 86.0 64.3 104.3



#10
Phenol
Concen: 22.162 ng
RT: 6.504 min Scan# 717
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 189145
Ion Ratio Lower Upper
94 100
65 34.3 13.1 53.1
66 46.6 24.9 64.9

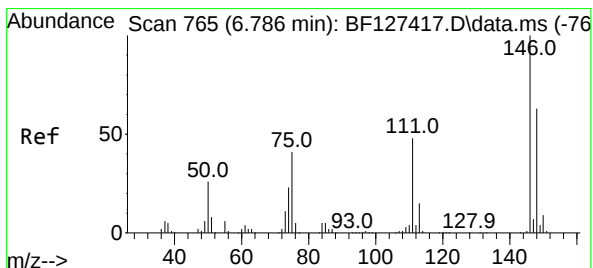
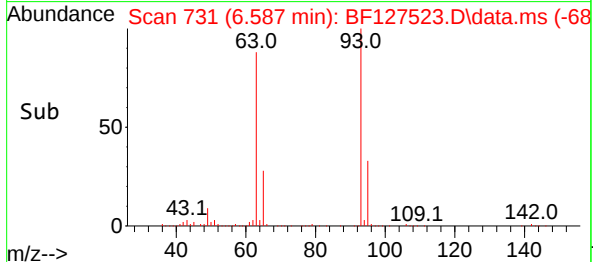
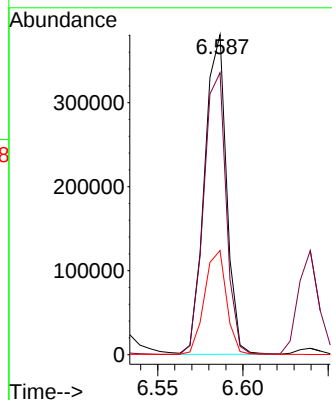
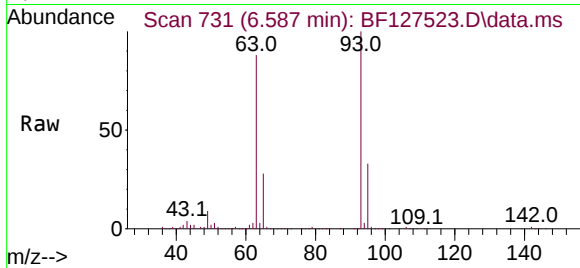




#11
bis(2-Chloroethyl)ether
Concen: 54.732 ng
RT: 6.587 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

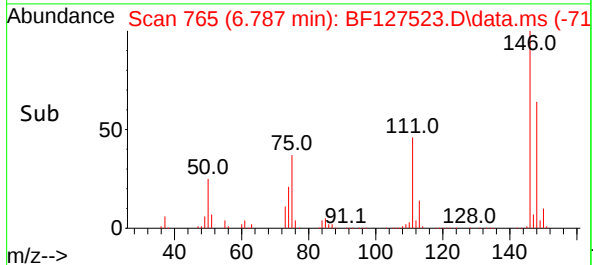
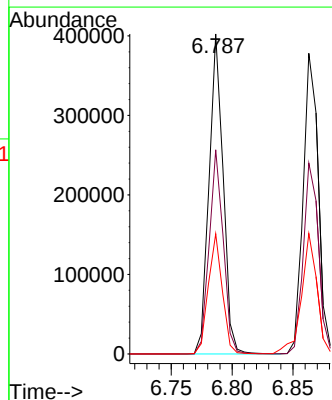
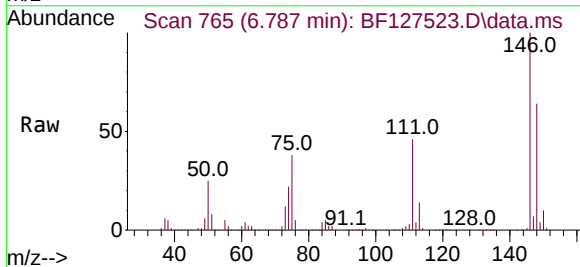
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

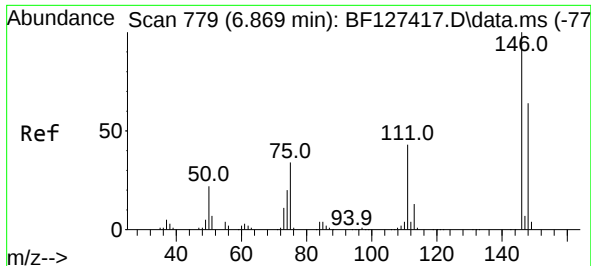
Tgt Ion: 93 Resp: 341794
Ion Ratio Lower Upper
93 100
63 88.1 69.6 109.6
95 32.5 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 48.928 ng
RT: 6.787 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

Tgt Ion:146 Resp: 322411
Ion Ratio Lower Upper
146 100
148 63.8 50.6 76.0
75 37.6 32.4 48.6

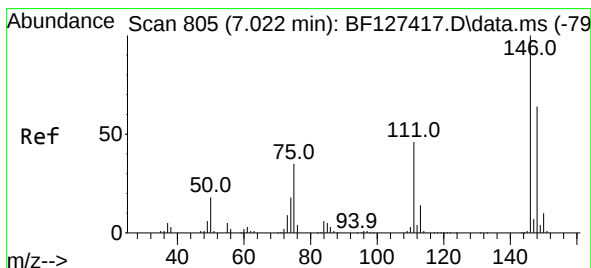
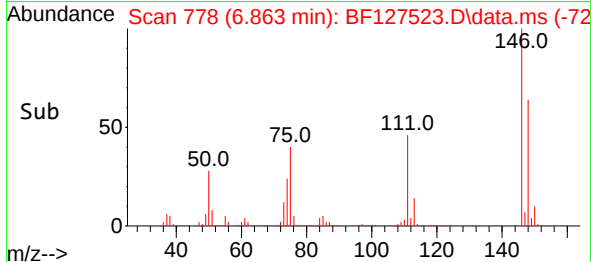
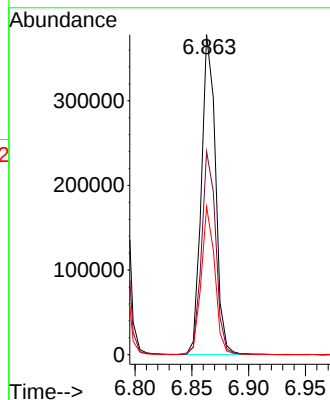
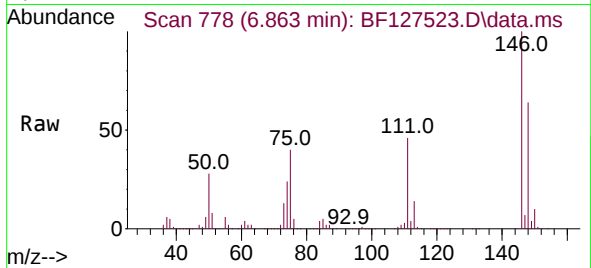




#13
 1,4-Dichlorobenzene
 Concen: 49.512 ng
 RT: 6.863 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127523.D
 Acq: 25 Mar 2022 12:28

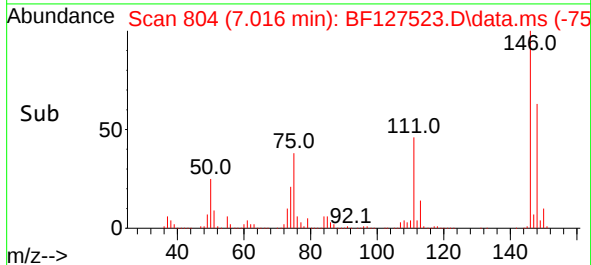
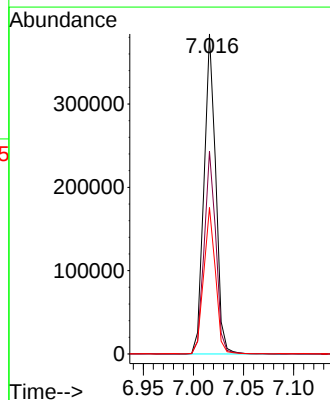
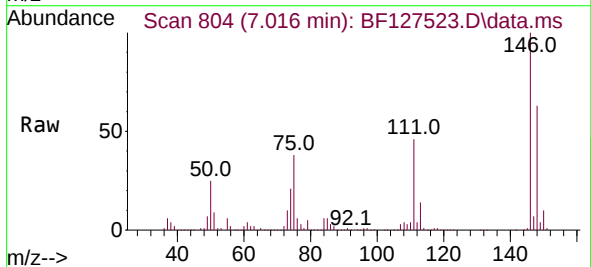
Instrument :
 BNA_F
 ClientSampleId :
 MW-5MSD

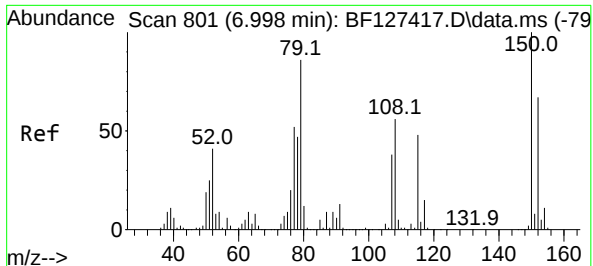
Tgt Ion:146 Resp: 328183
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.3 76.9
 111 46.3 34.2 51.4



#14
 1,2-Dichlorobenzene
 Concen: 48.516 ng
 RT: 7.016 min Scan# 804
 Delta R.T. -0.006 min
 Lab File: BF127523.D
 Acq: 25 Mar 2022 12:28

Tgt Ion:146 Resp: 313205
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.4 77.2
 111 45.8 36.4 54.6

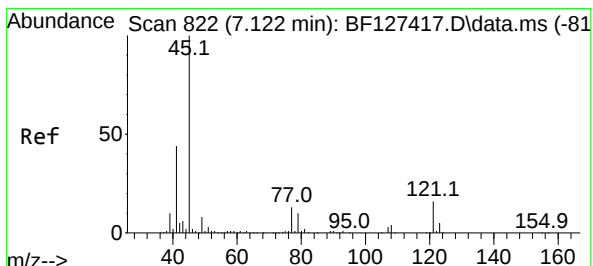
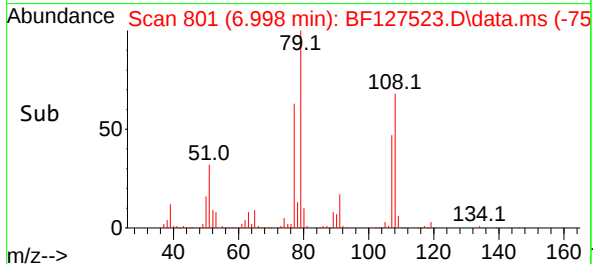
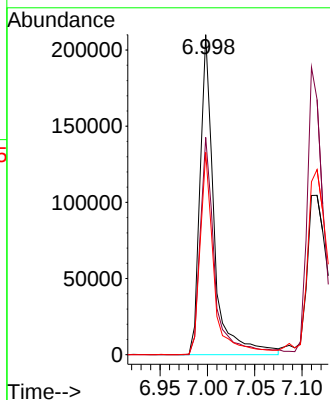
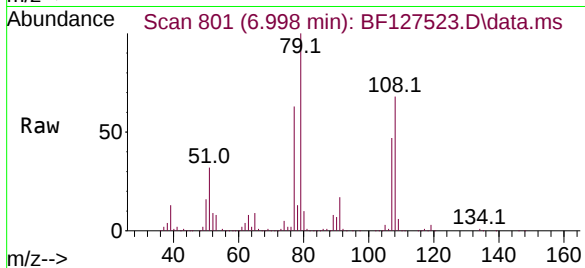




#15
Benzyl Alcohol
Concen: 37.970 ng
RT: 6.998 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

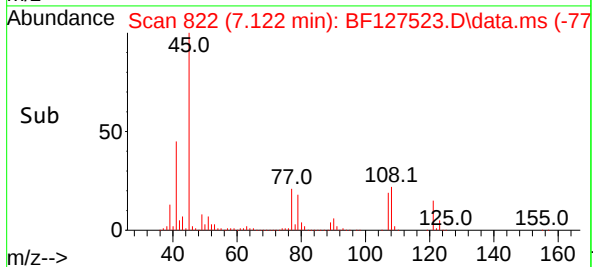
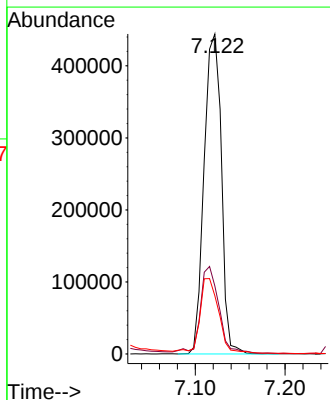
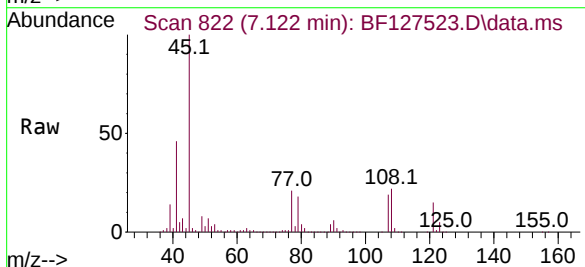
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

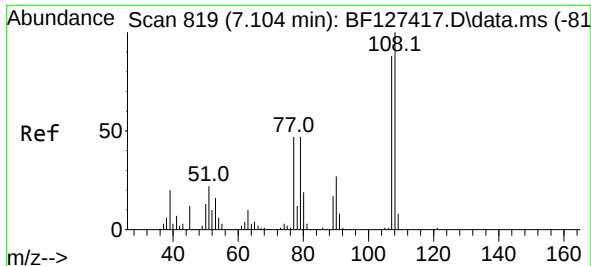
Tgt Ion: 79 Resp: 216249
Ion Ratio Lower Upper
79 100
108 67.9 52.2 78.2
77 63.2 48.3 72.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.739 ng
RT: 7.122 min Scan# 822
Delta R.T. 0.000 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

Tgt Ion: 45 Resp: 592654
Ion Ratio Lower Upper
45 100
77 21.2 0.0 32.9
79 18.2 0.0 29.9

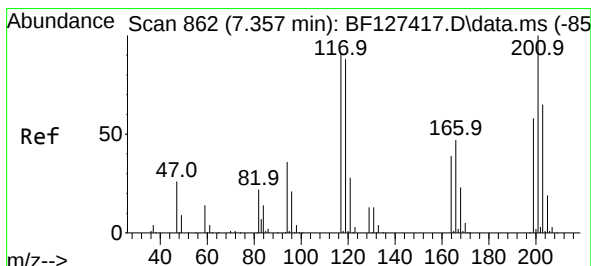
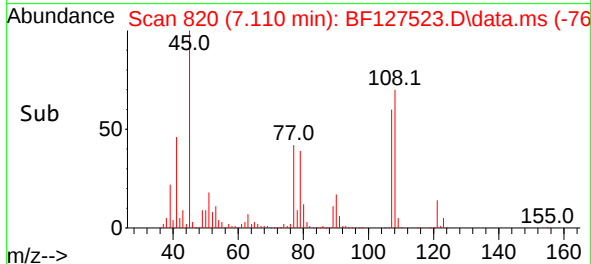
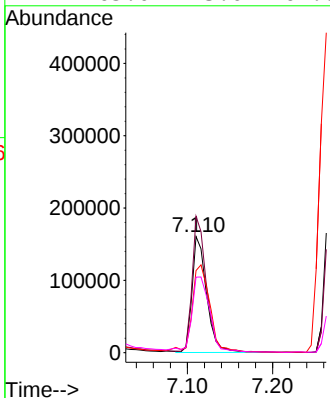
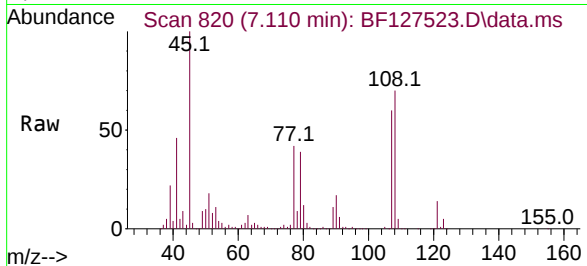




#17
2-Methylphenol
Concen: 38.563 ng
RT: 7.110 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

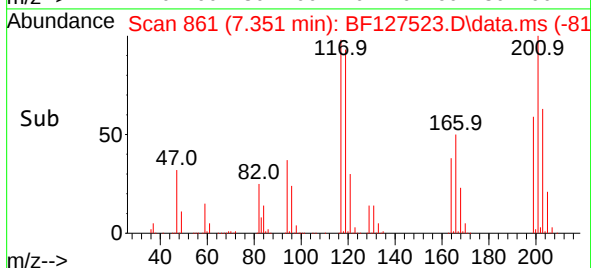
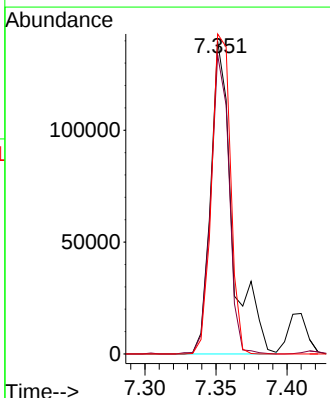
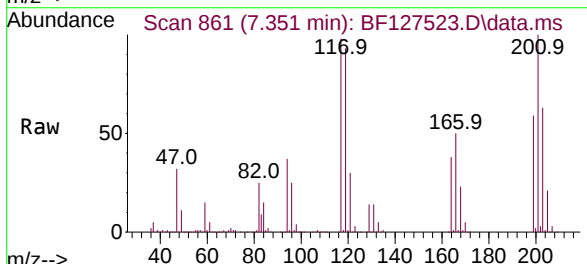
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

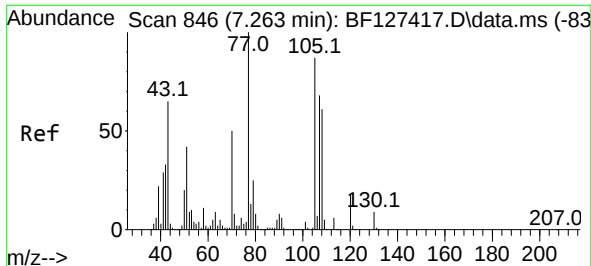
Tgt Ion:107 Resp: 190667
Ion Ratio Lower Upper
107 100
108 117.5 90.7 136.1
77 70.7 42.9 64.3#
79 65.0 43.0 64.6#



#18
Hexachloroethane
Concen: 61.178 ng
RT: 7.351 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

Tgt Ion:117 Resp: 148454
Ion Ratio Lower Upper
117 100
119 95.7 77.6 116.4
201 102.3 88.2 132.2

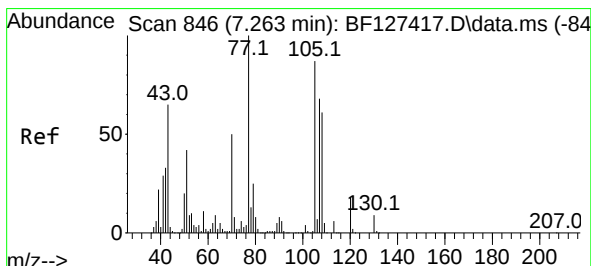
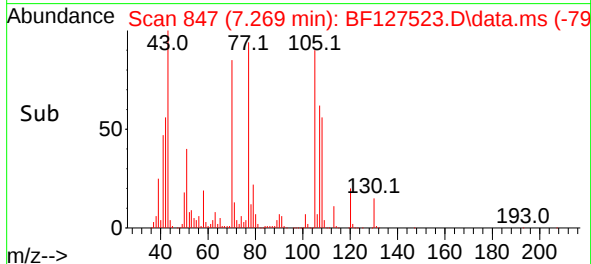
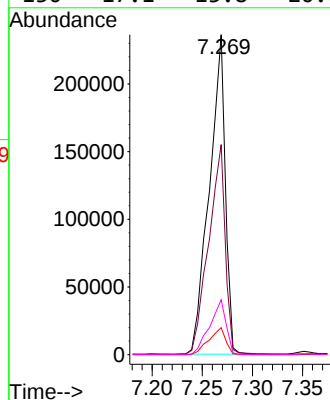
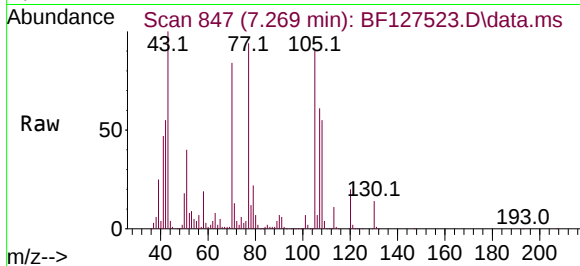




#19
n-Nitroso-di-n-propylamine
Concen: 55.893 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

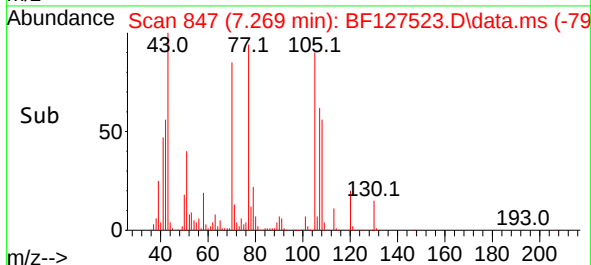
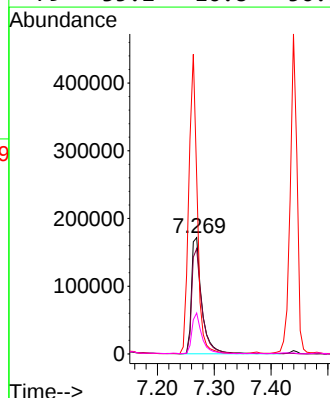
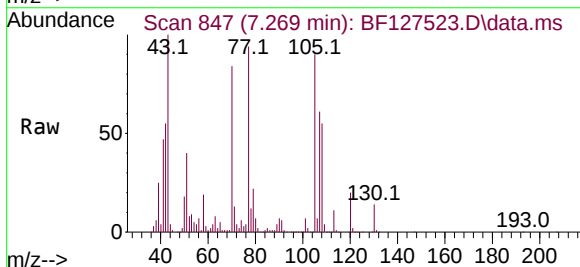
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

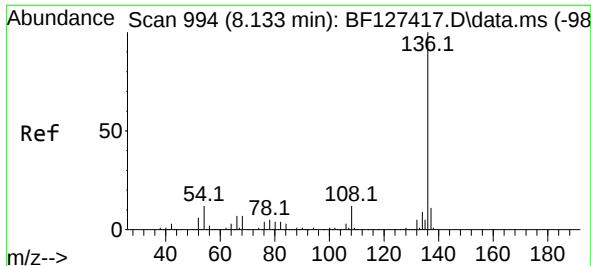
Tgt Ion: 70 Resp: 262555
Ion Ratio Lower Upper
70 100
42 65.7 53.0 79.6
101 8.5 6.8 10.2
130 17.1 13.8 20.6



#20
3+4-Methylphenols
Concen: 35.199 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

Tgt Ion: 107 Resp: 214661
Ion Ratio Lower Upper
107 100
108 90.5 70.7 110.7
77 152.7 127.9 167.9
79 35.2 16.8 56.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.133 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF127523.D

Acq: 25 Mar 2022 12:28

Instrument :

BNA_F

ClientSampleId :

MW-5MSD

Tgt Ion:136 Resp: 339047

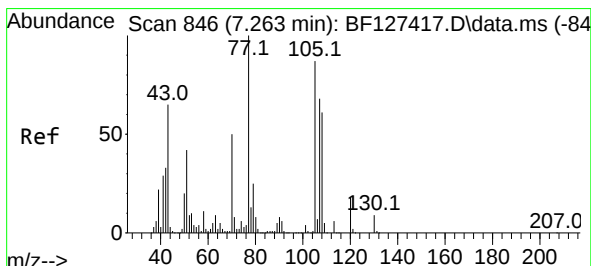
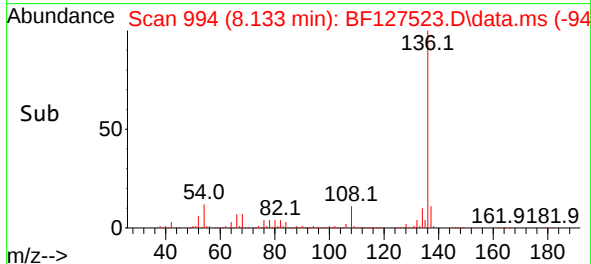
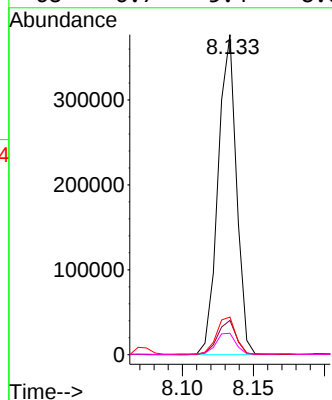
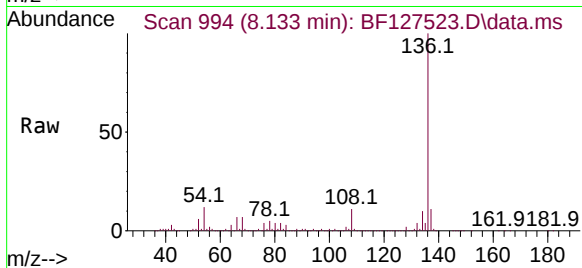
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 11.8 9.2 13.8

68 6.7 5.4 8.0



#22

Acetophenone

Concen: 51.243 ng

RT: 7.263 min Scan# 846

Delta R.T. 0.000 min

Lab File: BF127523.D

Acq: 25 Mar 2022 12:28

Tgt Ion:105 Resp: 444116

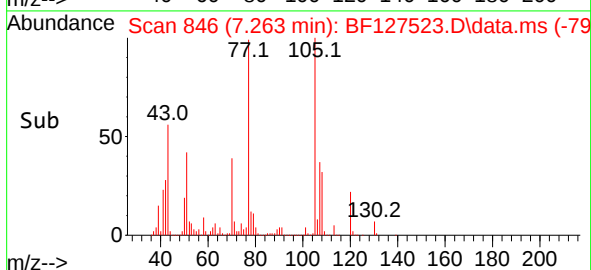
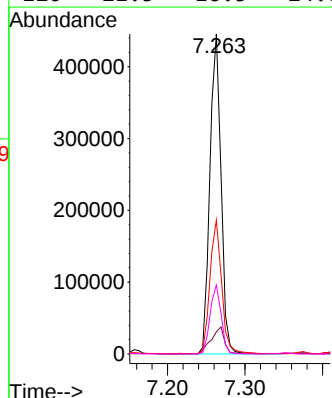
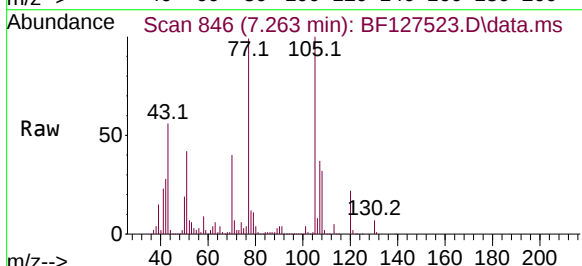
Ion Ratio Lower Upper

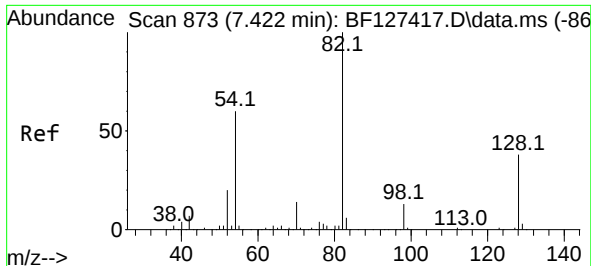
105 100

71 6.9 7.3 10.9#

51 41.8 38.8 58.2

120 21.5 16.5 24.7





#23

Nitrobenzene-d5

Concen: 97.077 ng

RT: 7.422 min Scan# 873

Delta R.T. 0.000 min

Lab File: BF127523.D

Acq: 25 Mar 2022 12:28

Instrument :

BNA_F

ClientSampleId :

MW-5MSD

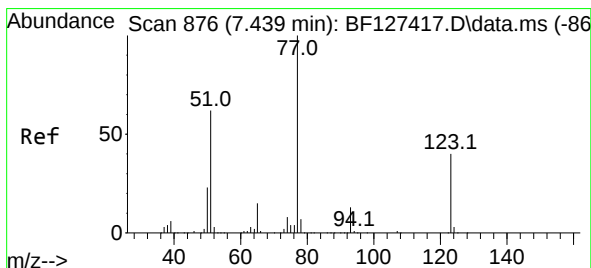
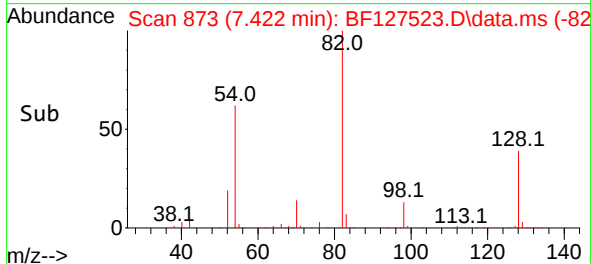
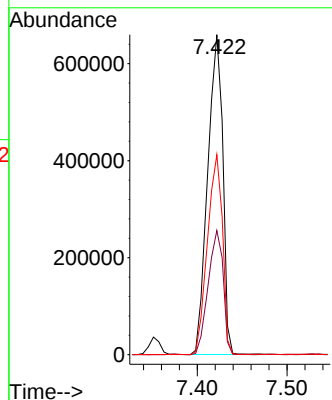
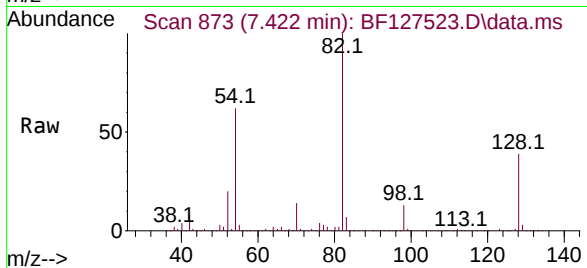
Tgt Ion: 82 Resp: 769988

Ion Ratio Lower Upper

82 100

128 38.8 30.6 45.8

54 62.5 48.2 72.2



#24

Nitrobenzene

Concen: 52.743 ng

RT: 7.439 min Scan# 876

Delta R.T. 0.000 min

Lab File: BF127523.D

Acq: 25 Mar 2022 12:28

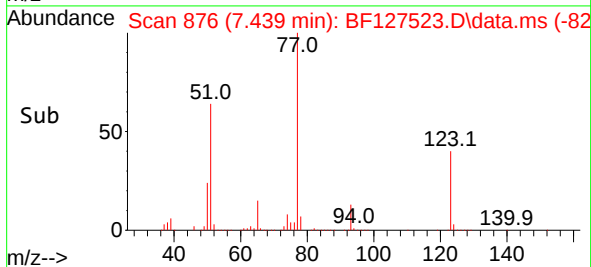
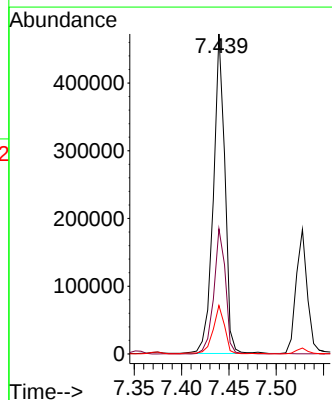
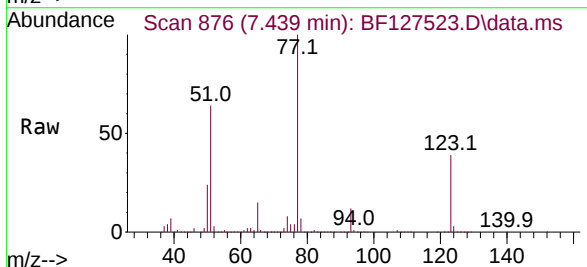
Tgt Ion: 77 Resp: 398967

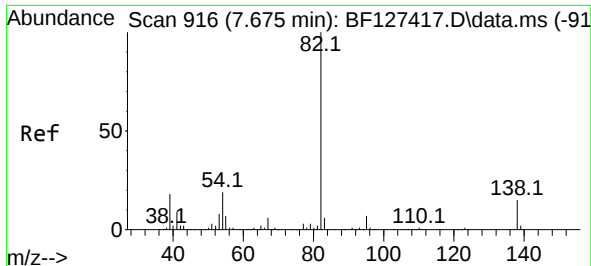
Ion Ratio Lower Upper

77 100

123 39.1 32.0 48.0

65 15.1 12.2 18.2

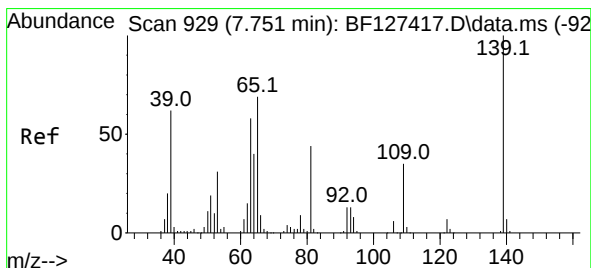
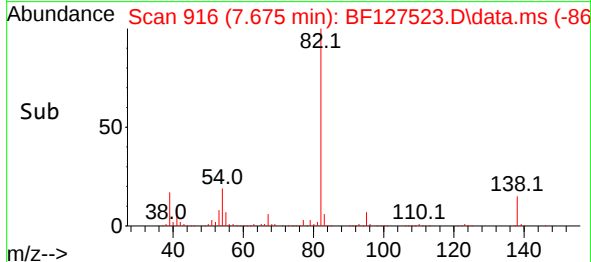
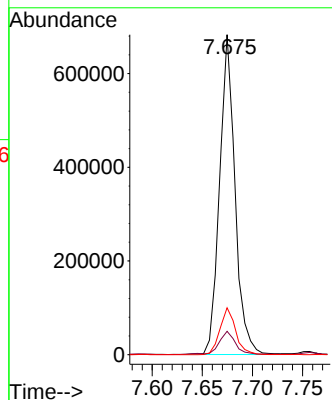
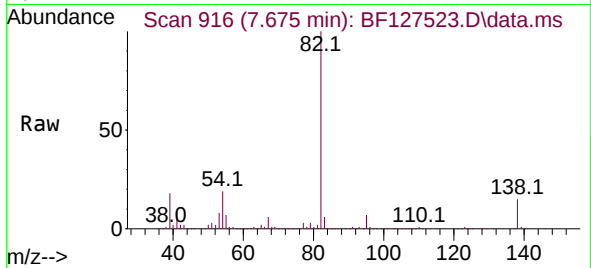




#25
Isophorone
Concen: 57.933 ng
RT: 7.675 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

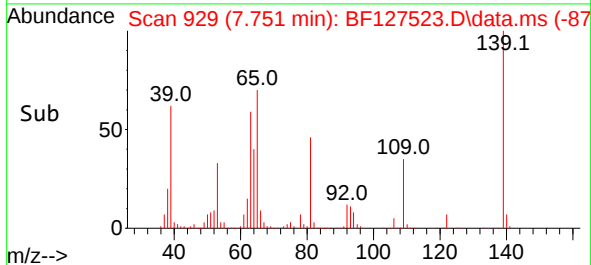
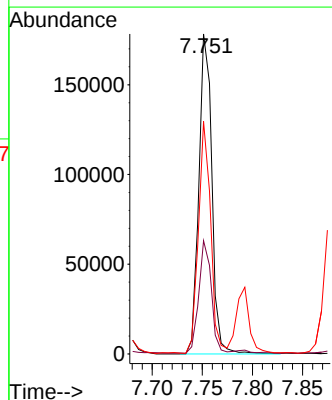
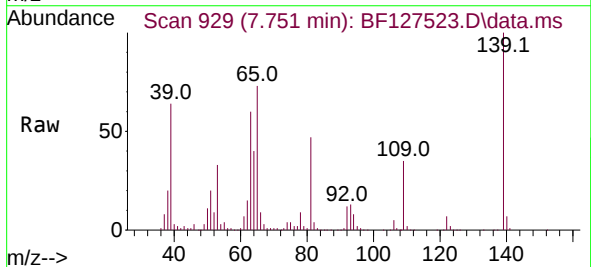
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

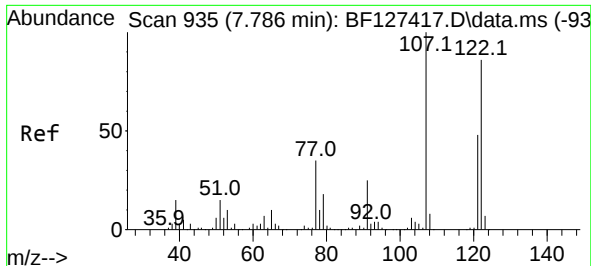
Tgt Ion: 82 Resp: 731858
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 14.6 11.6 17.4



#26
2-Nitrophenol
Concen: 50.852 ng
RT: 7.751 min Scan# 929
Delta R.T. 0.000 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

Tgt Ion: 139 Resp: 161325
Ion Ratio Lower Upper
139 100
109 35.4 28.2 42.2
65 72.7 55.3 82.9





#27

2,4-Dimethylphenol

Concen: 54.418 ng

RT: 7.792 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF127523.D

Acq: 25 Mar 2022 12:28

Instrument :

BNA_F

ClientSampleId :

MW-5MSD

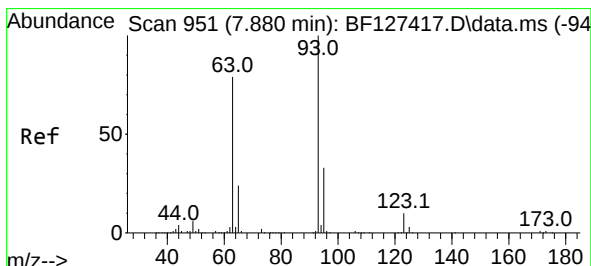
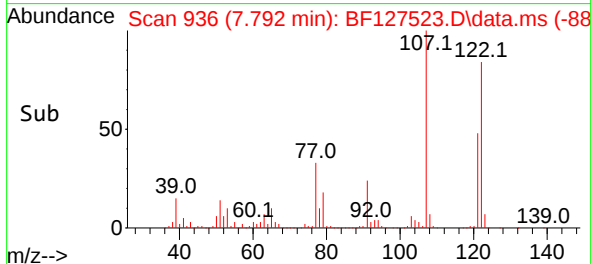
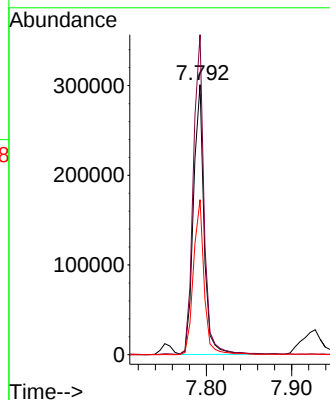
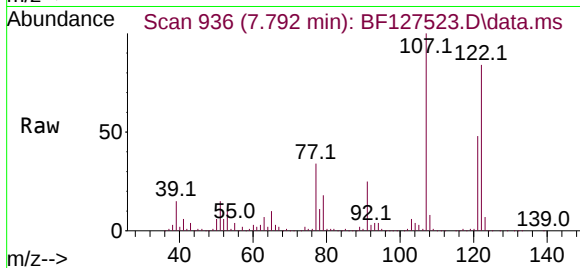
Tgt Ion:122 Resp: 259689

Ion Ratio Lower Upper

122 100

107 118.5 93.0 139.4

121 57.4 44.9 67.3



#28

bis(2-Chloroethoxy)methane

Concen: 52.341 ng

RT: 7.881 min Scan# 951

Delta R.T. 0.000 min

Lab File: BF127523.D

Acq: 25 Mar 2022 12:28

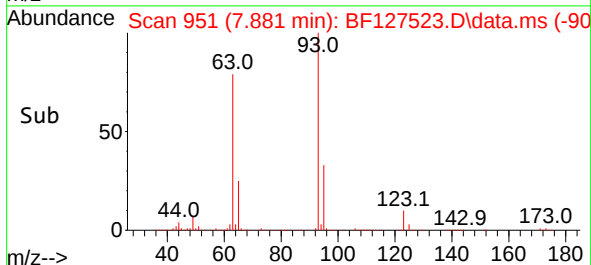
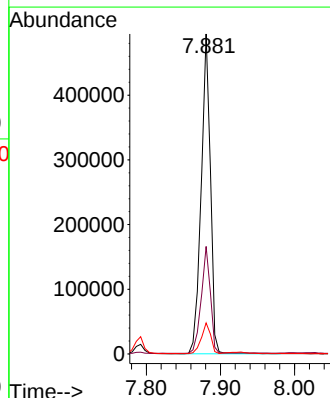
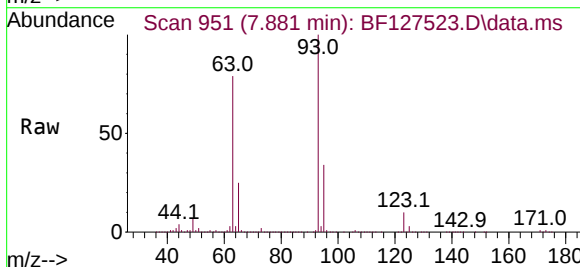
Tgt Ion: 93 Resp: 429534

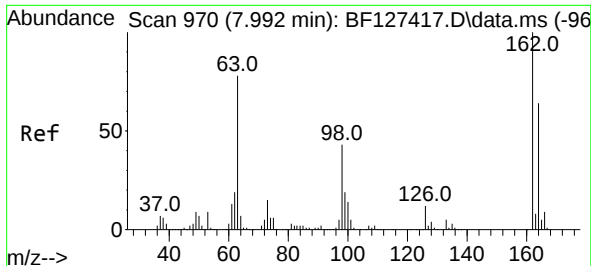
Ion Ratio Lower Upper

93 100

95 33.6 26.3 39.5

123 9.7 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 48.838 ng

RT: 7.998 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF127523.D

Acq: 25 Mar 2022 12:28

Instrument :

BNA_F

ClientSampleId :

MW-5MSD

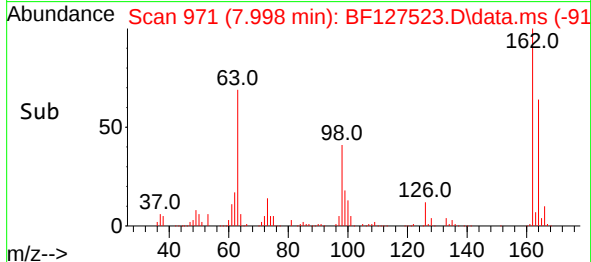
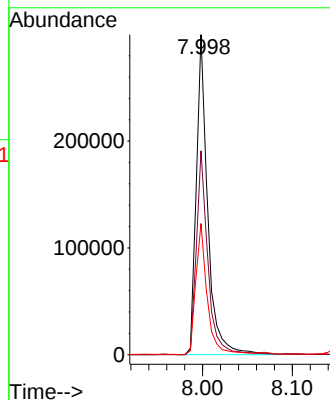
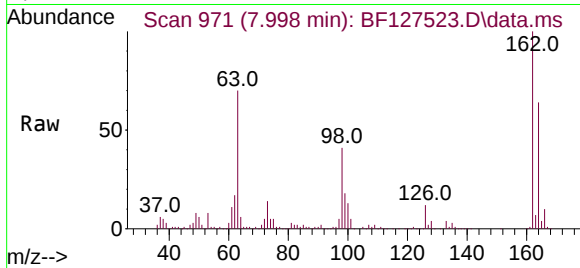
Tgt Ion:162 Resp: 264579

Ion Ratio Lower Upper

162 100

164 63.7 43.7 83.7

98 41.0 23.5 63.5



#30

1,2,4-Trichlorobenzene

Concen: 48.024 ng

RT: 8.075 min Scan# 984

Delta R.T. 0.000 min

Lab File: BF127523.D

Acq: 25 Mar 2022 12:28

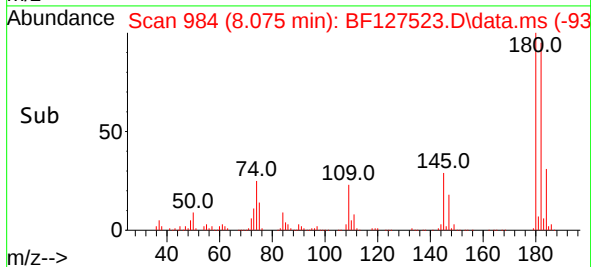
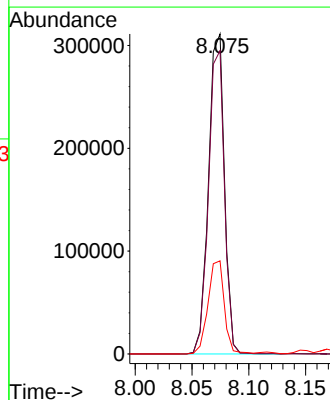
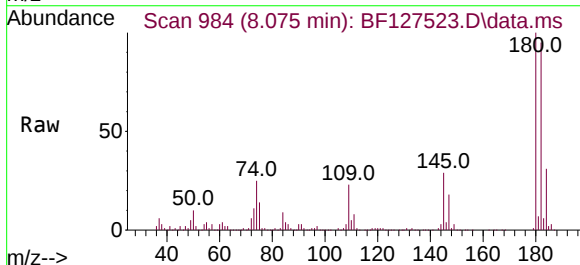
Tgt Ion:180 Resp: 303170

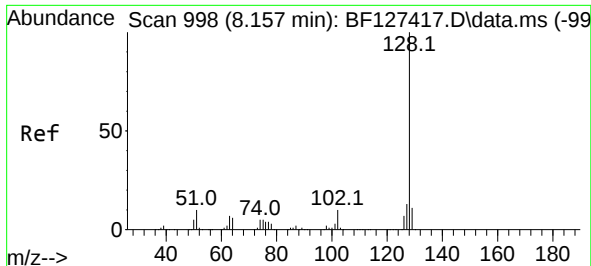
Ion Ratio Lower Upper

180 100

182 94.8 73.8 110.6

145 29.1 23.3 34.9

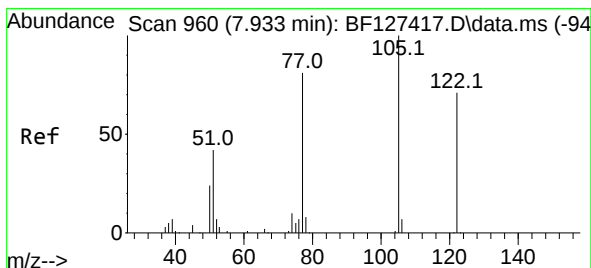
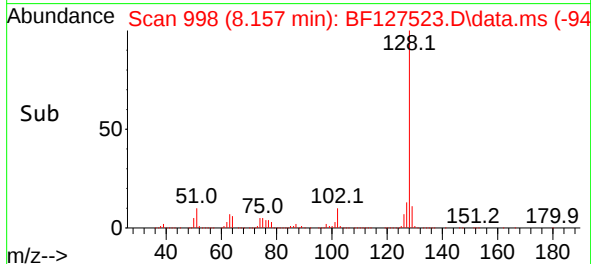
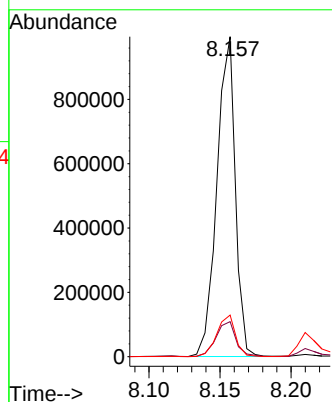
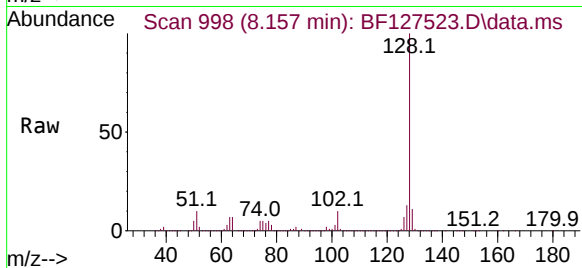




#31
Naphthalene
Concen: 49.639 ng
RT: 8.157 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

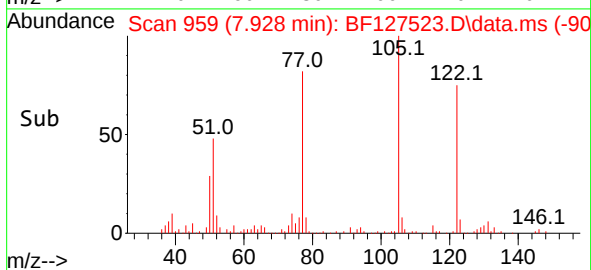
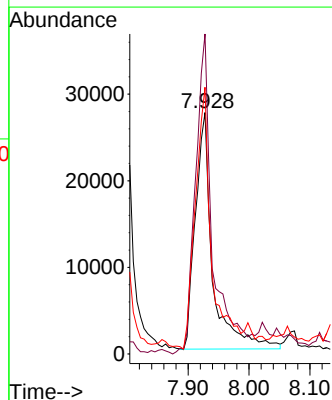
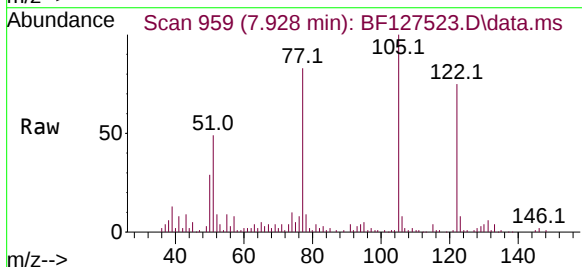
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

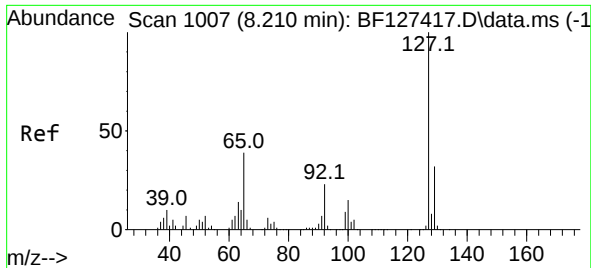
Tgt Ion:128 Resp: 893527
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 13.0 10.2 15.2



#32
Benzoic acid
Concen: 23.229 ng
RT: 7.928 min Scan# 959
Delta R.T. -0.005 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

Tgt Ion:122 Resp: 53925
Ion Ratio Lower Upper
122 100
105 132.6 117.1 157.1
77 110.5 93.0 133.0

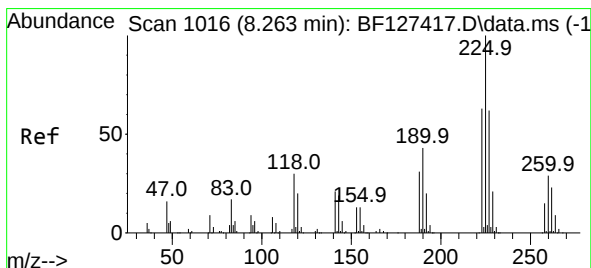
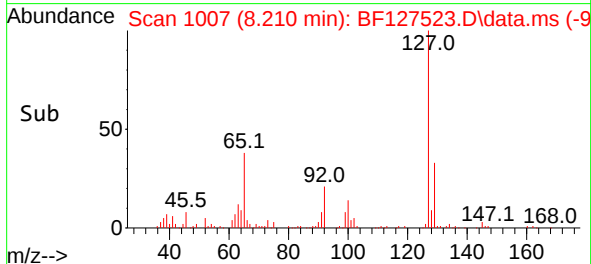
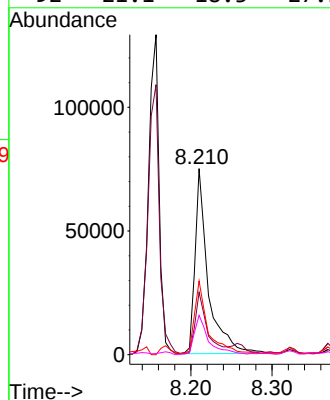
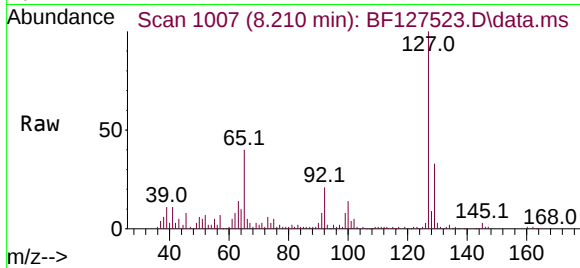




#33
4-Chloroaniline
Concen: 12.162 ng
RT: 8.210 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

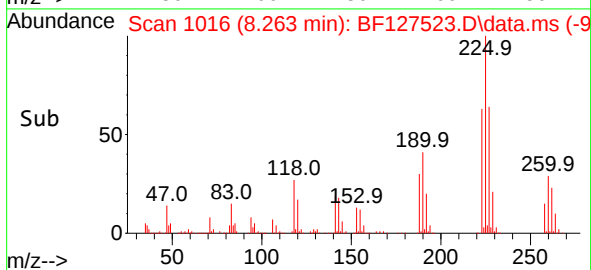
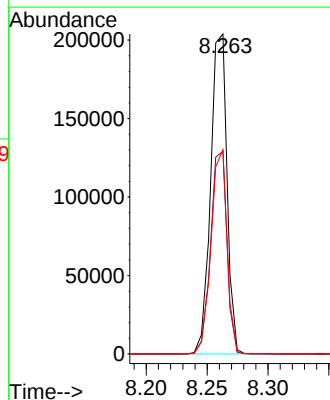
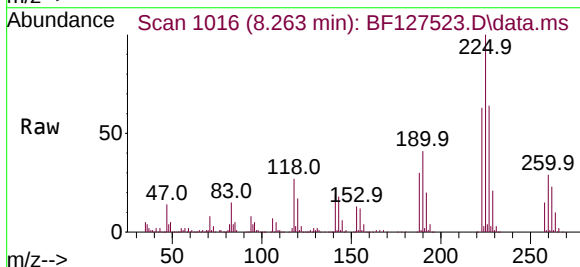
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

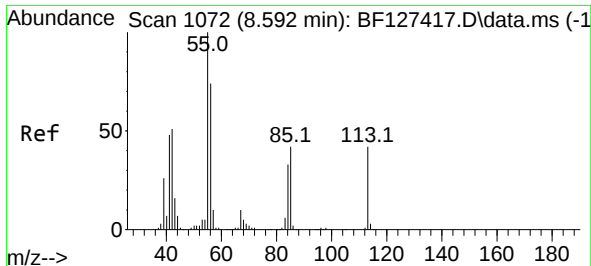
Tgt Ion:	127	Resp:	84836
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.9	38.9
65	39.6	31.4	47.0
92	21.1	18.3	27.5



#34
Hexachlorobutadiene
Concen: 47.697 ng
RT: 8.263 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

Tgt Ion:	225	Resp:	191206
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	63.9	49.6	74.4

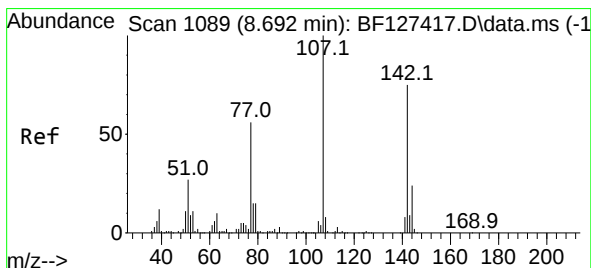
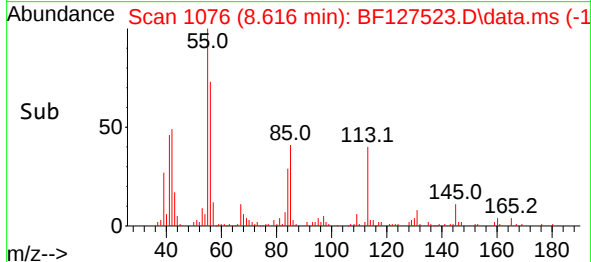
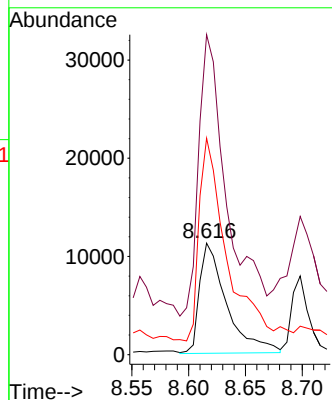
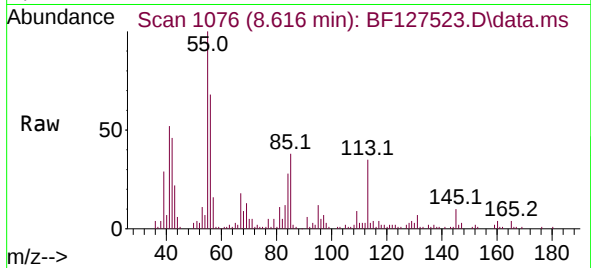




#35
Caprolactam
Concen: 11.170 ng
RT: 8.616 min Scan# 1076
Delta R.T. 0.024 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

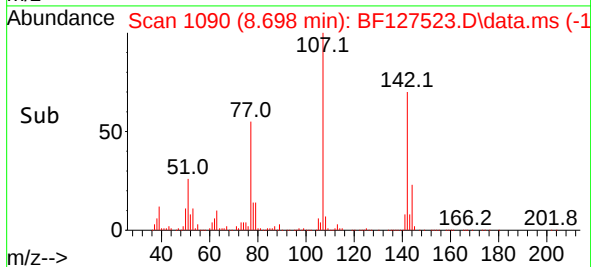
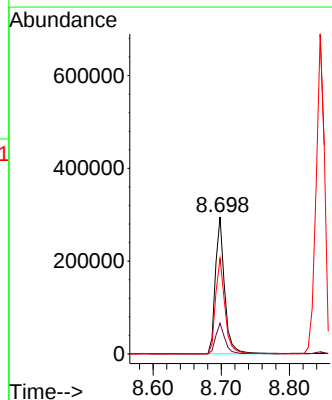
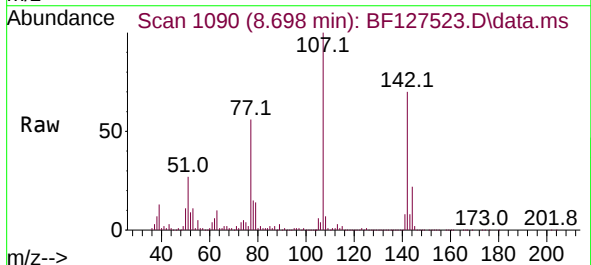
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

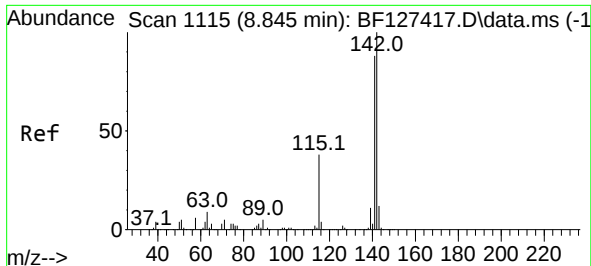
Tgt Ion:113 Resp: 18656
Ion Ratio Lower Upper
113 100
55 287.0 218.7 258.7#
56 194.2 156.2 196.2



#36
4-Chloro-3-methylphenol
Concen: 47.112 ng
RT: 8.698 min Scan# 1090
Delta R.T. 0.006 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

Tgt Ion:107 Resp: 276919
Ion Ratio Lower Upper
107 100
144 22.5 19.3 28.9
142 69.9 59.8 89.8

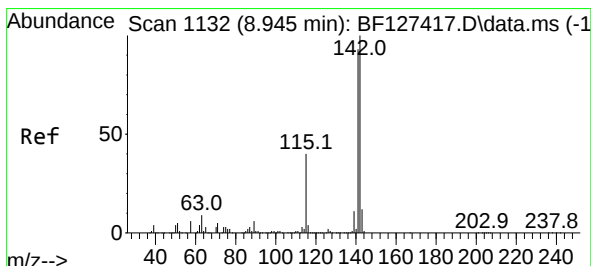
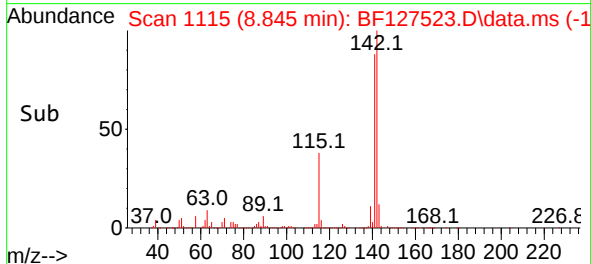
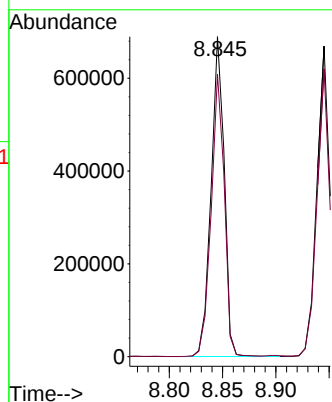
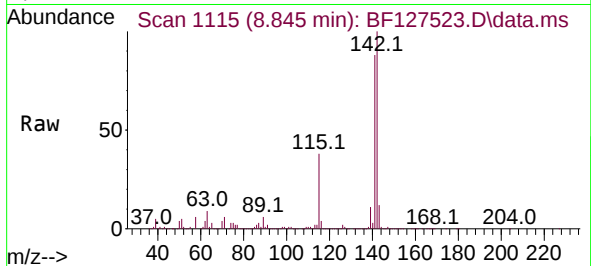




#37
2-Methylnaphthalene
Concen: 51.045 ng
RT: 8.845 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

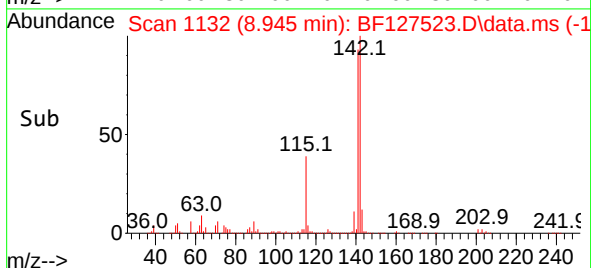
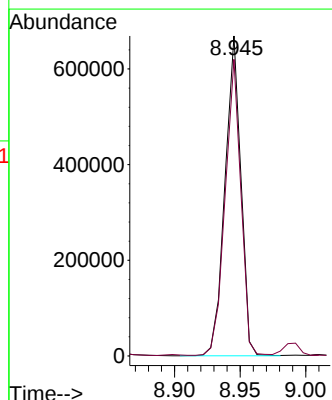
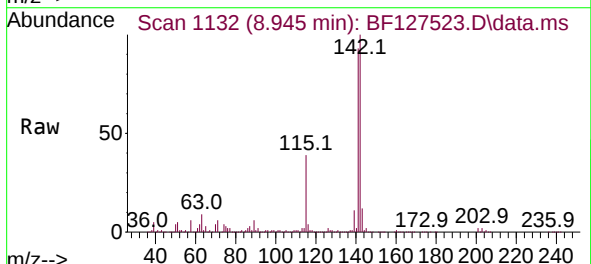
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

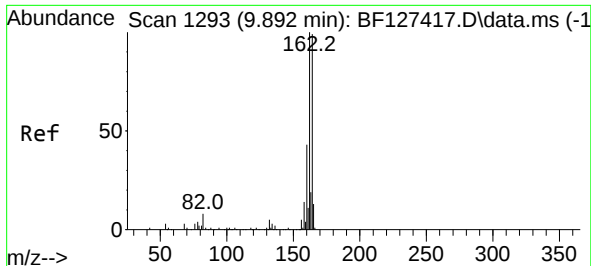
Tgt Ion:142 Resp: 590822
Ion Ratio Lower Upper
142 100
141 88.3 70.6 106.0



#38
1-Methylnaphthalene
Concen: 49.087 ng
RT: 8.945 min Scan# 1132
Delta R.T. 0.000 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

Tgt Ion:142 Resp: 561810
Ion Ratio Lower Upper
142 100
141 92.7 74.2 111.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BF127523.D

Acq: 25 Mar 2022 12:28

Instrument :

BNA_F

ClientSampleId :

MW-5MSD

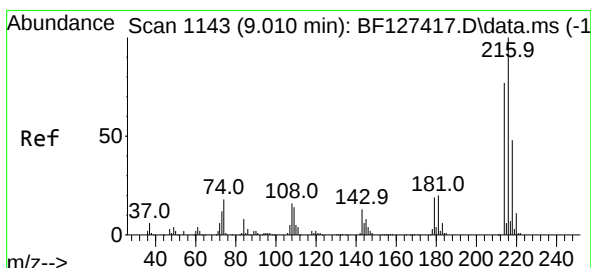
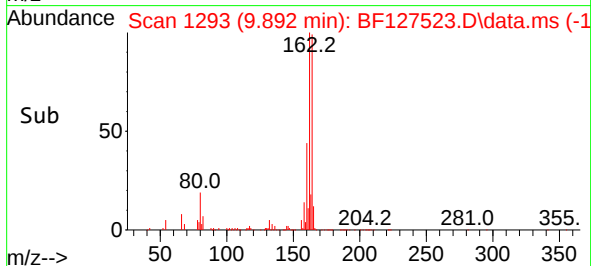
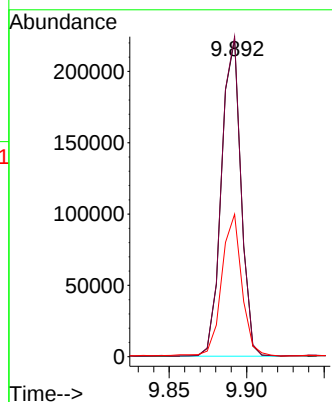
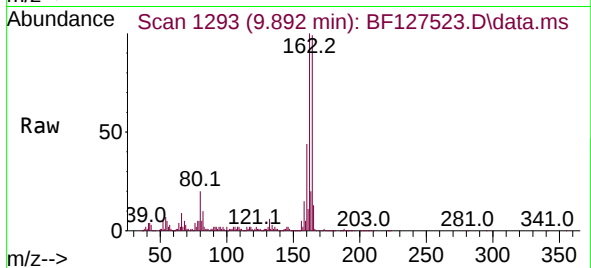
Tgt Ion:164 Resp: 194757

Ion Ratio Lower Upper

164 100

162 100.8 81.2 121.8

160 44.9 34.6 52.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.207 ng

RT: 9.010 min Scan# 1143

Delta R.T. 0.000 min

Lab File: BF127523.D

Acq: 25 Mar 2022 12:28

Tgt Ion:216 Resp: 304713

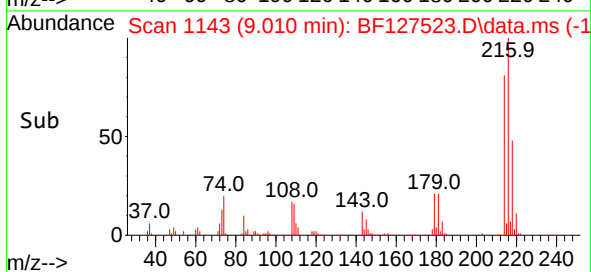
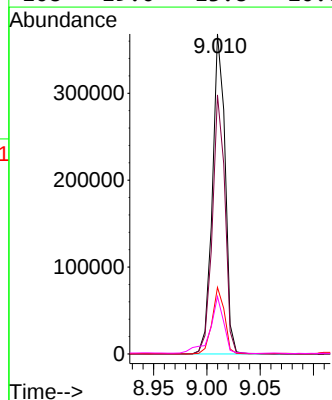
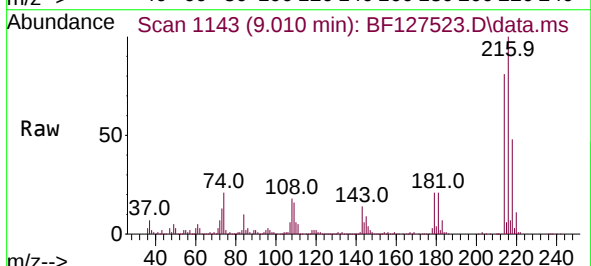
Ion Ratio Lower Upper

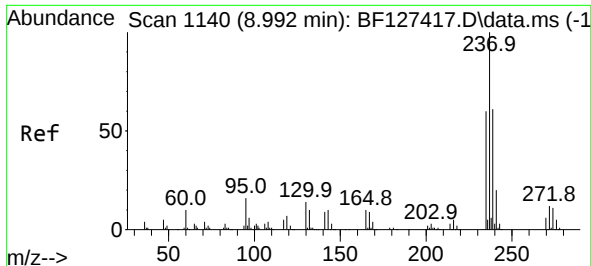
216 100

214 79.9 63.0 94.4

179 20.4 15.5 23.3

108 19.0 13.8 20.6

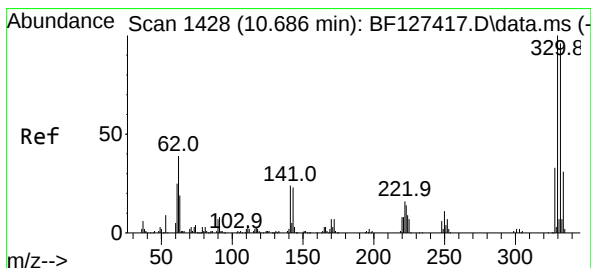
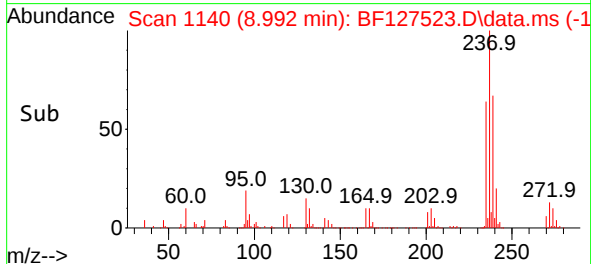
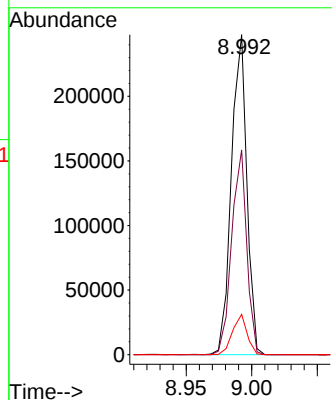
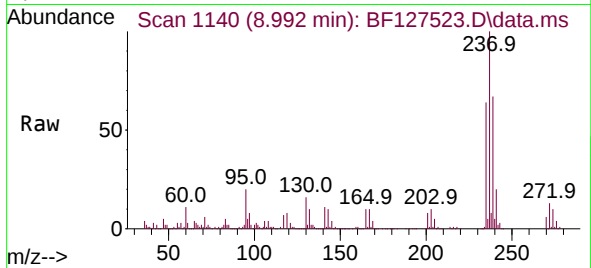




#41
Hexachlorocyclopentadiene
Concen: 89.559 ng
RT: 8.992 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

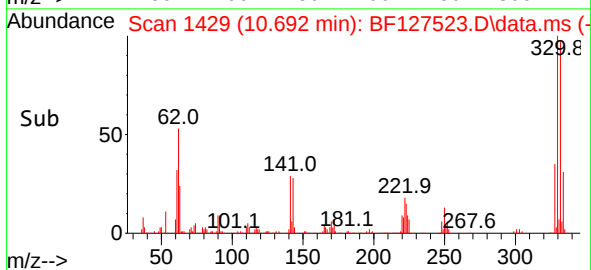
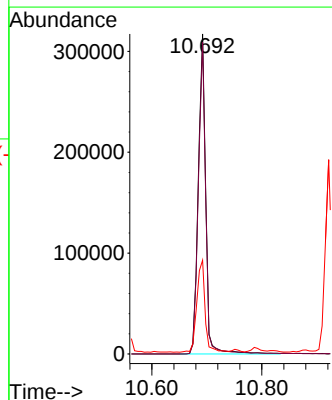
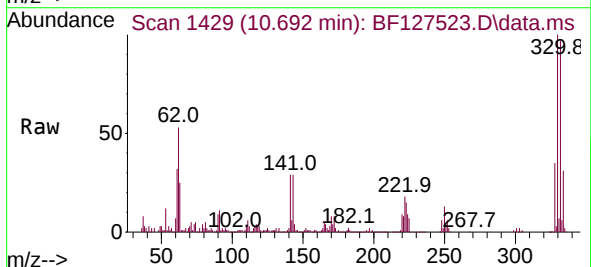
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

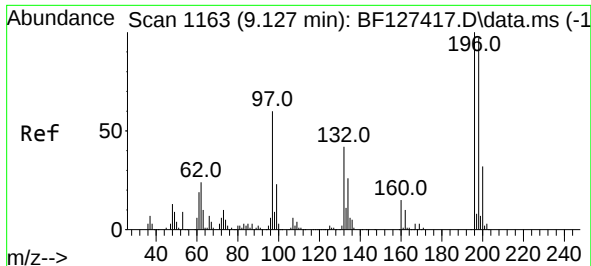
Tgt Ion:237 Resp: 203204
Ion Ratio Lower Upper
237 100
235 64.0 40.4 80.4
272 12.6 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 143.728 ng
RT: 10.692 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

Tgt Ion:330 Resp: 298186
Ion Ratio Lower Upper
330 100
332 95.9 79.1 118.7
141 31.7 26.2 39.4





#43

2,4,6-Trichlorophenol

Concen: 50.370 ng

RT: 9.128 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF127523.D

Acq: 25 Mar 2022 12:28

Instrument :

BNA_F

ClientSampleId :

MW-5MSD

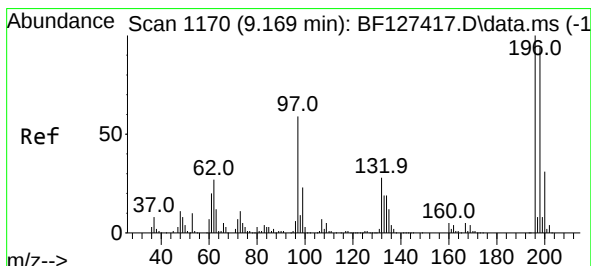
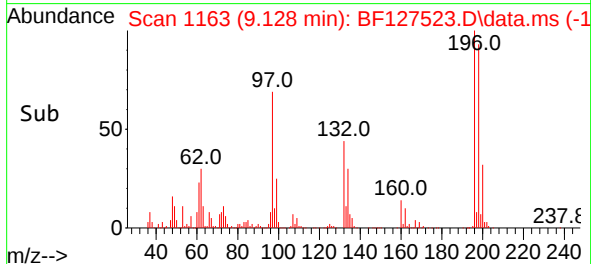
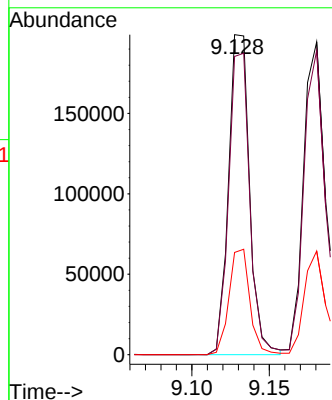
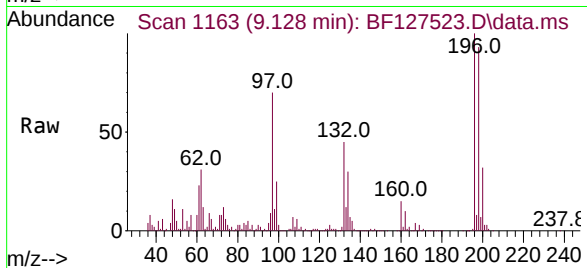
Tgt Ion:196 Resp: 188541

Ion Ratio Lower Upper

196 100

198 93.2 77.8 116.6

200 32.0 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 53.688 ng

RT: 9.180 min Scan# 1172

Delta R.T. 0.012 min

Lab File: BF127523.D

Acq: 25 Mar 2022 12:28

Tgt Ion:196 Resp: 206870

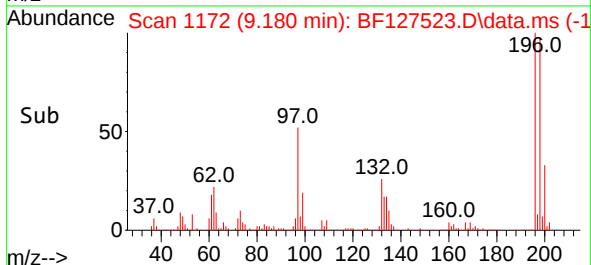
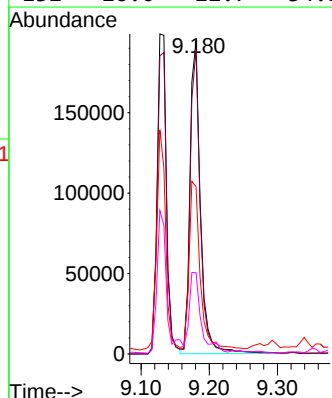
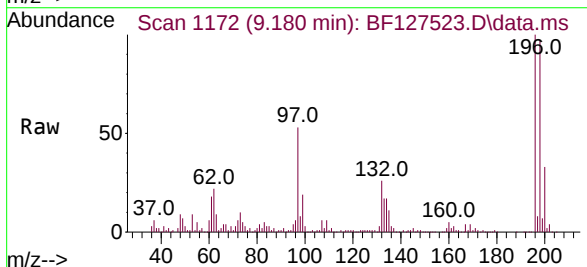
Ion Ratio Lower Upper

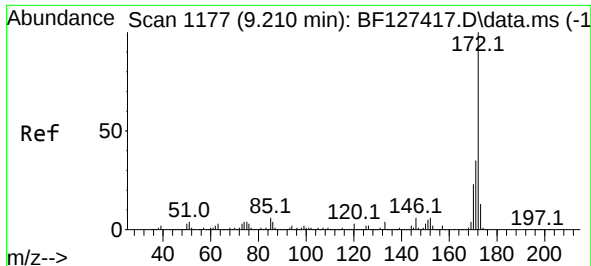
196 100

198 97.3 75.3 112.9

97 53.5 46.8 70.2

132 26.0 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 92.701 ng

RT: 9.210 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF127523.D

Acq: 25 Mar 2022 12:28

Instrument :

BNA_F

ClientSampleId :

MW-5MSD

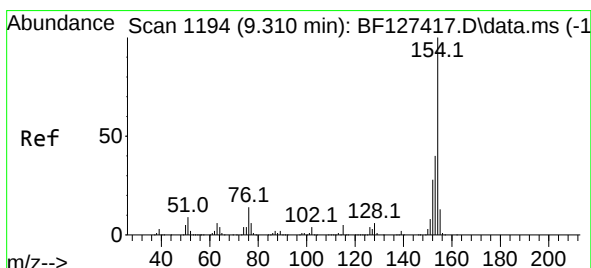
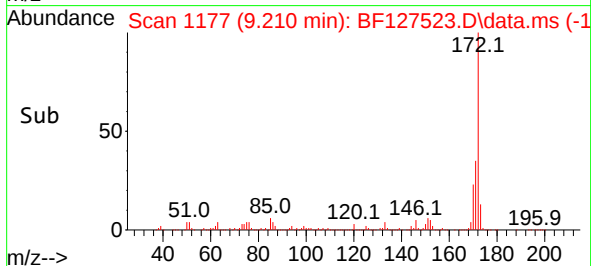
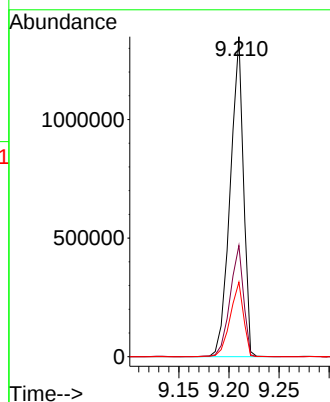
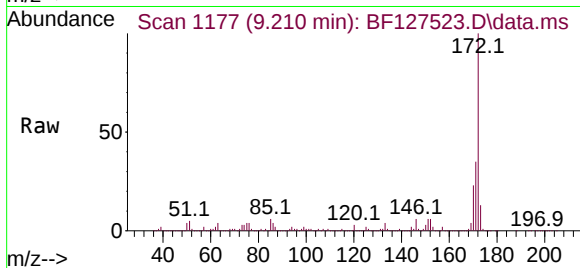
Tgt Ion:172 Resp: 1236395

Ion Ratio Lower Upper

172 100

171 34.7 28.4 42.6

170 23.3 18.6 27.8



#46

1,1'-Biphenyl

Concen: 49.070 ng

RT: 9.310 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF127523.D

Acq: 25 Mar 2022 12:28

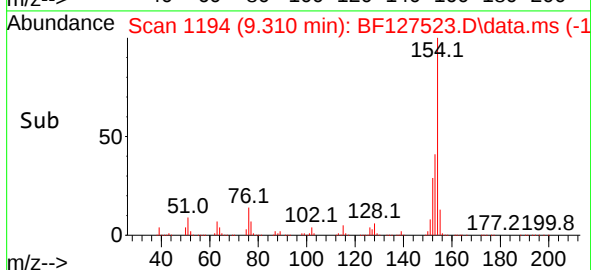
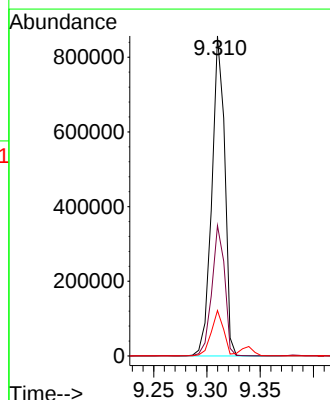
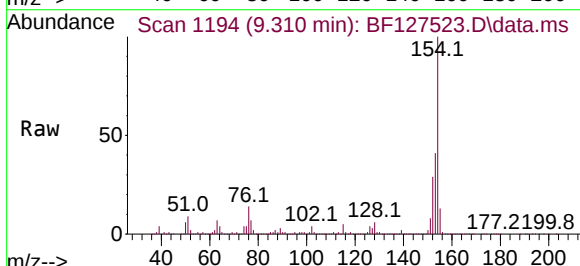
Tgt Ion:154 Resp: 721787

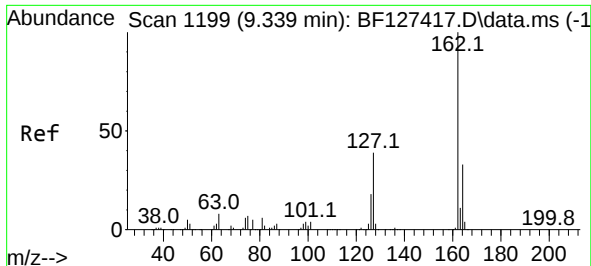
Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

76 14.2 0.0 33.9





#47

2-Chloronaphthalene

Concen: 49.559 ng

RT: 9.339 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF127523.D

Acq: 25 Mar 2022 12:28

Instrument :

BNA_F

ClientSampleId :

MW-5MSD

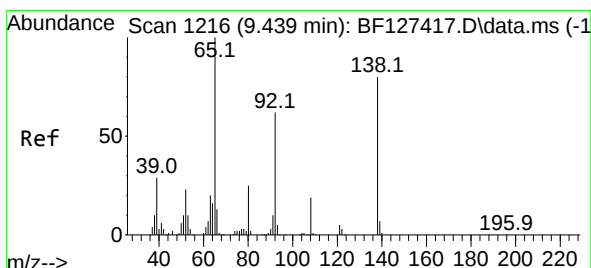
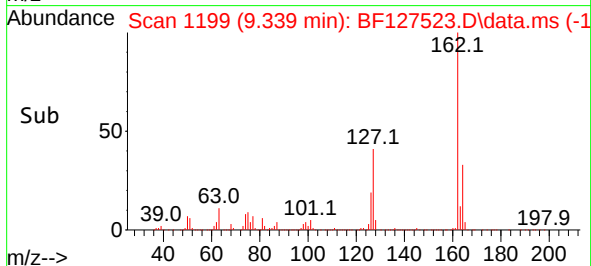
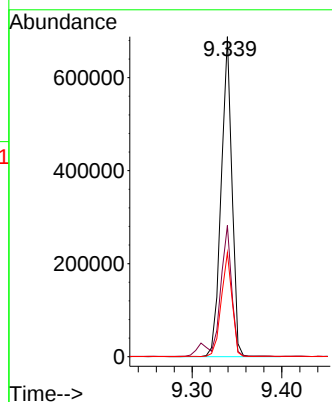
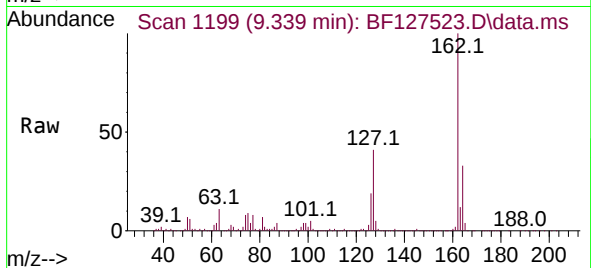
Tgt Ion:162 Resp: 574048

Ion Ratio Lower Upper

162 100

127 41.0 31.8 47.6

164 32.5 26.4 39.6



#48

2-Nitroaniline

Concen: 52.617 ng

RT: 9.445 min Scan# 1217

Delta R.T. 0.006 min

Lab File: BF127523.D

Acq: 25 Mar 2022 12:28

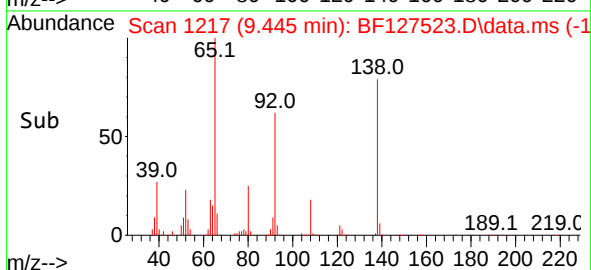
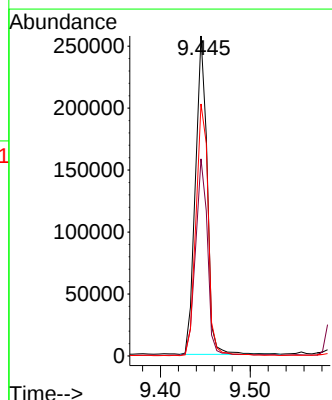
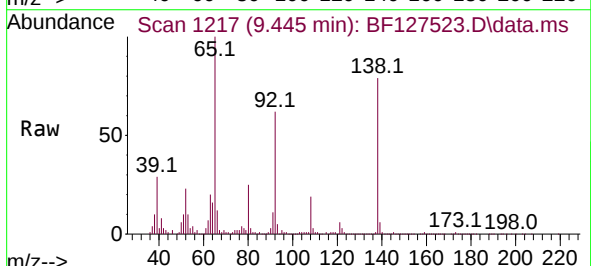
Tgt Ion: 65 Resp: 233581

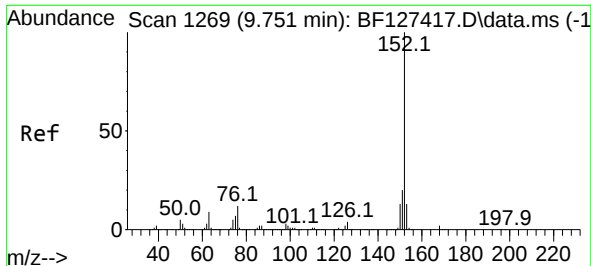
Ion Ratio Lower Upper

65 100

92 61.6 50.0 75.0

138 78.8 64.1 96.1

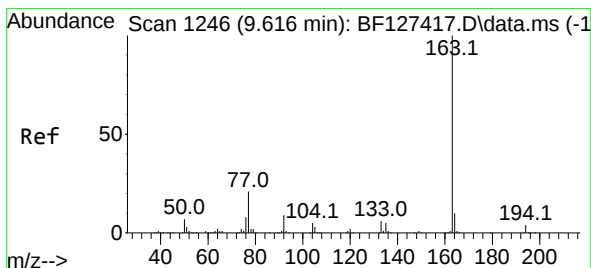
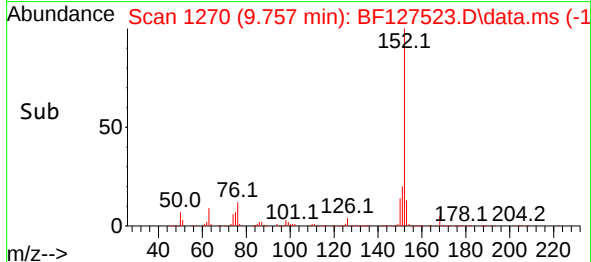
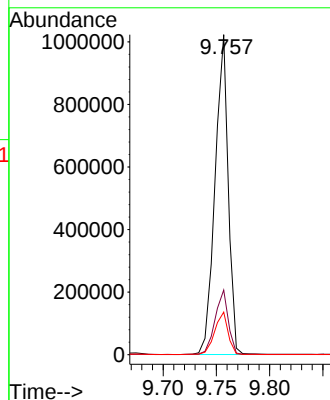
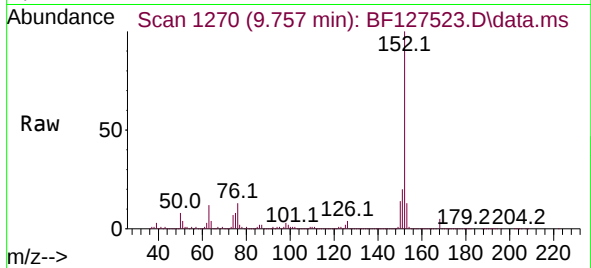




#49
Acenaphthylene
Concen: 50.453 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

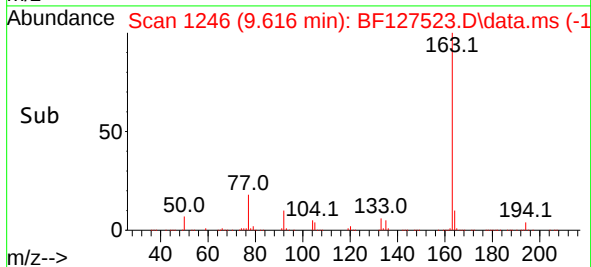
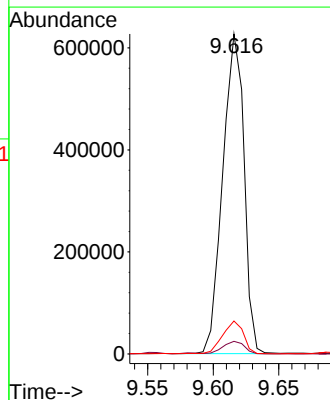
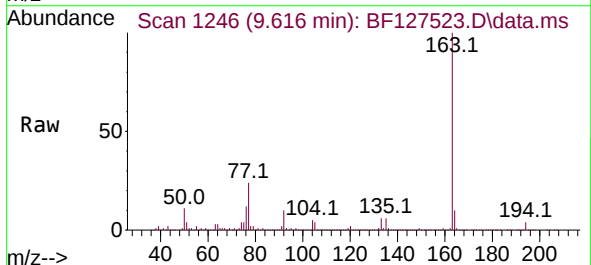
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

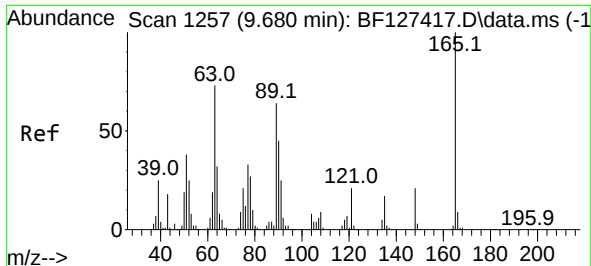
Tgt Ion:152 Resp: 883490
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 52.141 ng
RT: 9.616 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

Tgt Ion:163 Resp: 706448
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.3 7.8 11.8

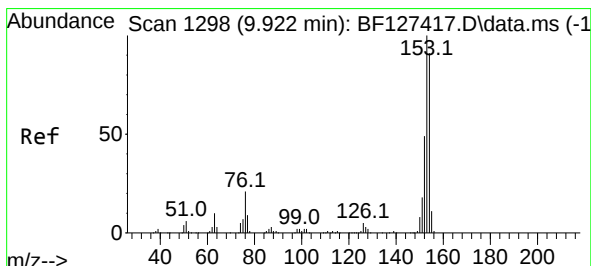
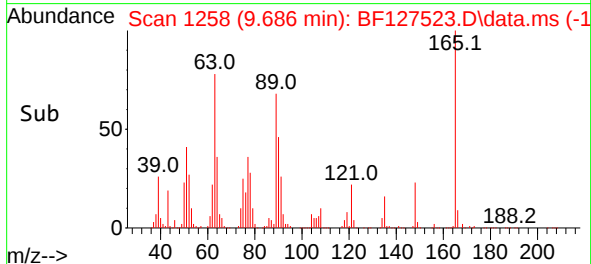
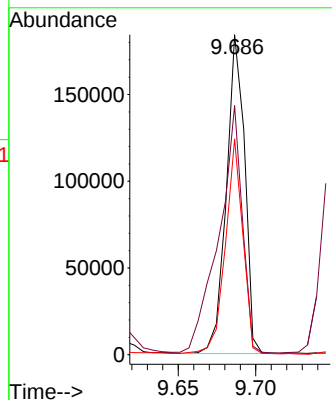
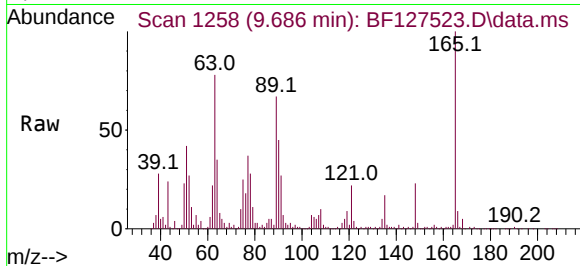




#51
2,6-Dinitrotoluene
Concen: 53.066 ng
RT: 9.686 min Scan# 1258
Delta R.T. 0.006 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

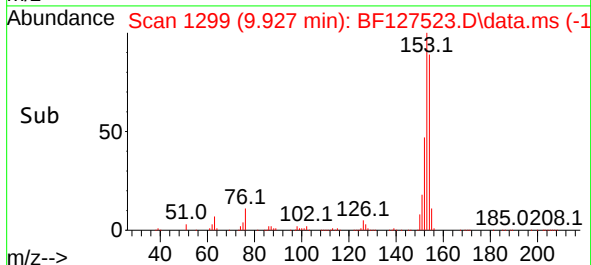
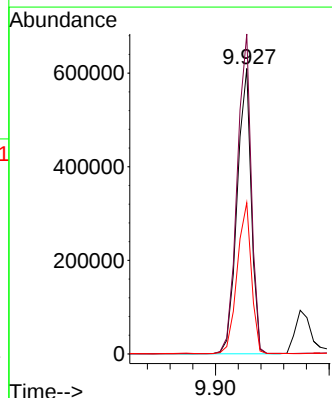
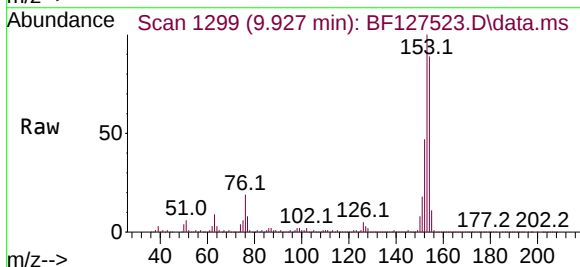
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

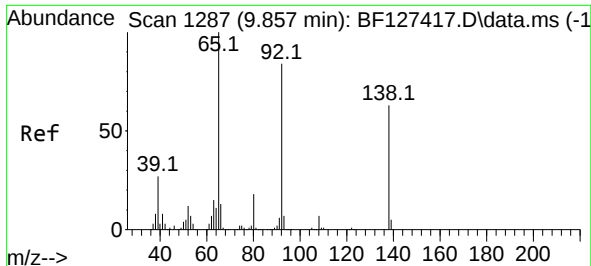
Tgt Ion:165 Resp: 150923
Ion Ratio Lower Upper
165 100
63 77.9 58.3 87.5
89 67.5 51.5 77.3



#52
Acenaphthene
Concen: 51.355 ng
RT: 9.927 min Scan# 1299
Delta R.T. 0.005 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

Tgt Ion:154 Resp: 524696
Ion Ratio Lower Upper
154 100
153 112.1 87.6 131.4
152 53.0 42.9 64.3

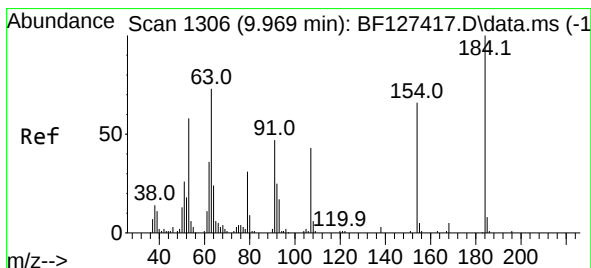
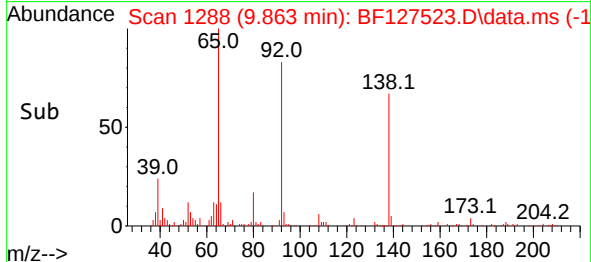
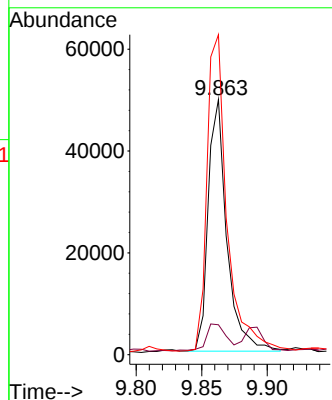
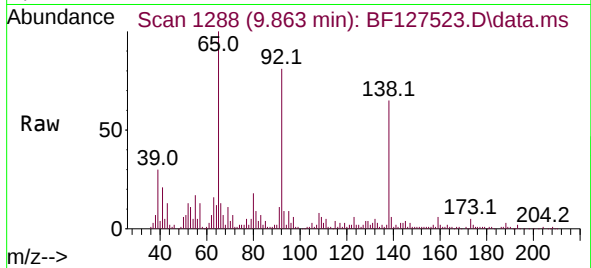




#53
3-Nitroaniline
Concen: 15.736 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

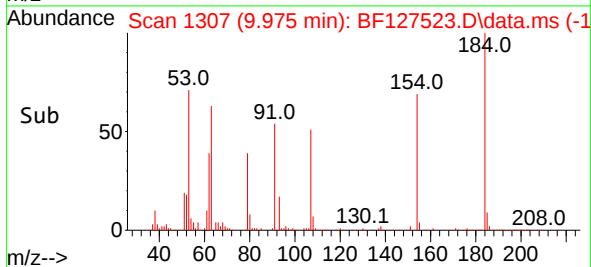
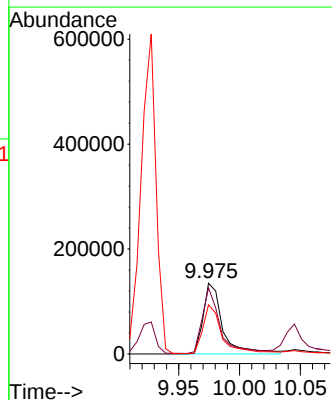
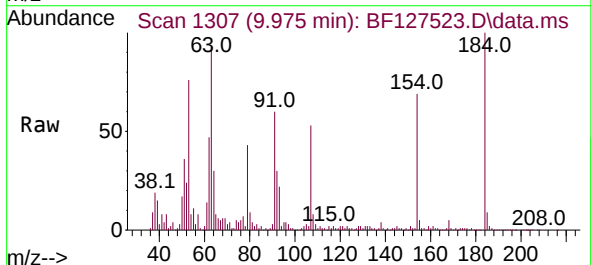
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

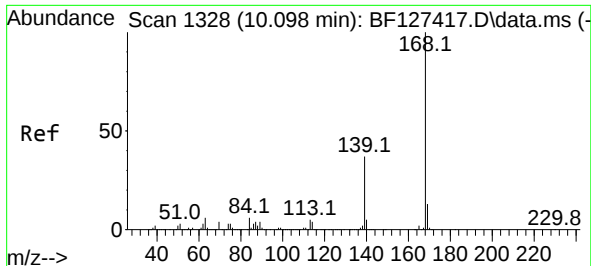
Tgt Ion:138 Resp: 49094
Ion Ratio Lower Upper
138 100
108 11.7 9.4 14.0
92 125.4 106.1 159.1



#54
2,4-Dinitrophenol
Concen: 102.027 ng
RT: 9.975 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

Tgt Ion:184 Resp: 150309
Ion Ratio Lower Upper
184 100
63 93.4 58.1 87.1#
154 69.4 53.2 79.8

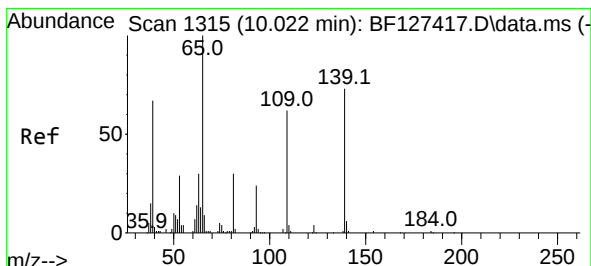
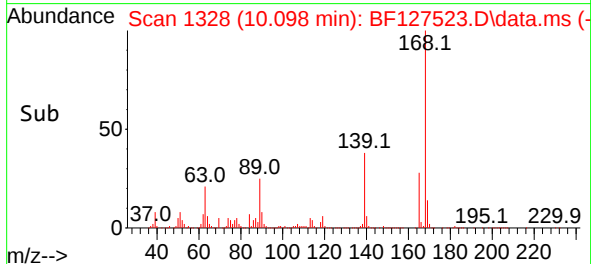
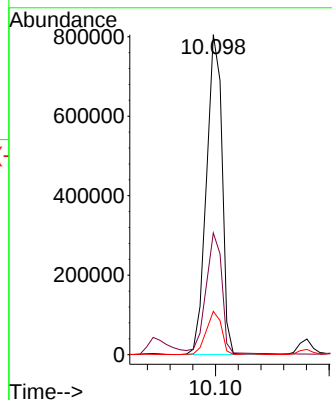
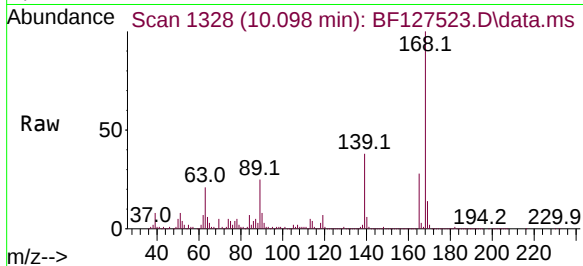




#55
Dibenzenofuran
Concen: 52.353 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

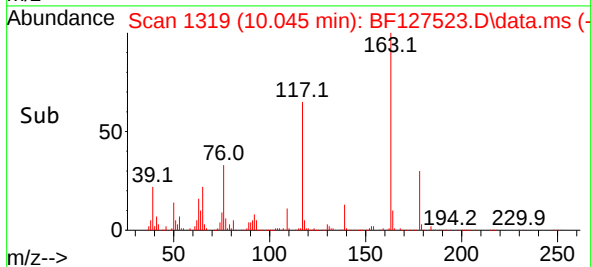
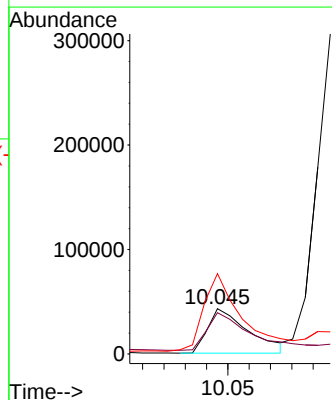
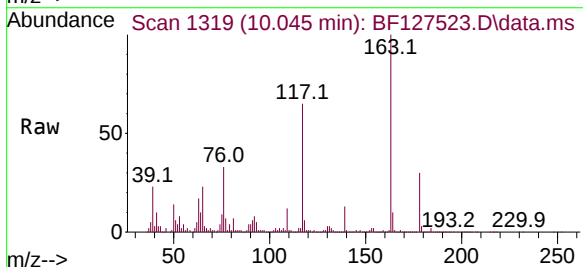
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

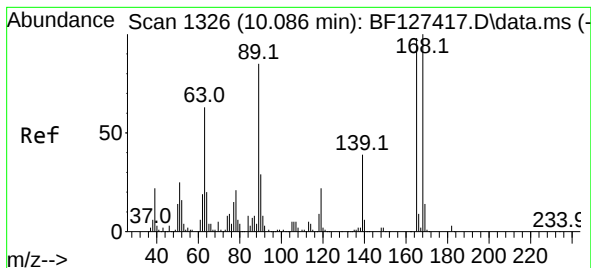
Tgt Ion:168 Resp: 763827
Ion Ratio Lower Upper
168 100
139 38.1 30.3 45.5
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 35.628 ng
RT: 10.045 min Scan# 1319
Delta R.T. 0.023 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

Tgt Ion:139 Resp: 56573
Ion Ratio Lower Upper
139 100
109 91.2 64.3 104.3
65 177.1 117.5 157.5#

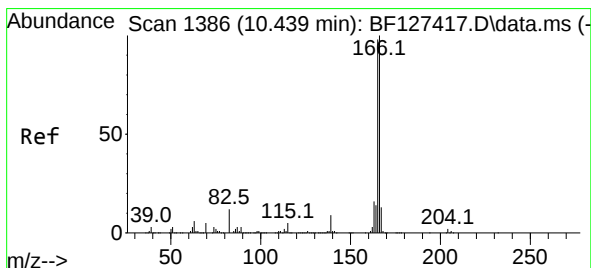
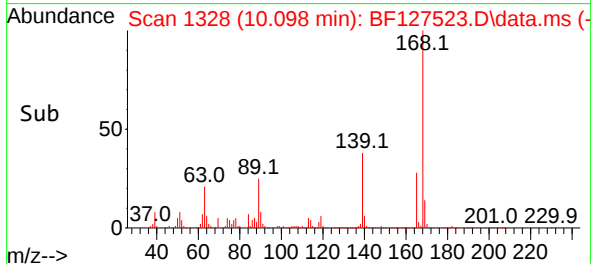
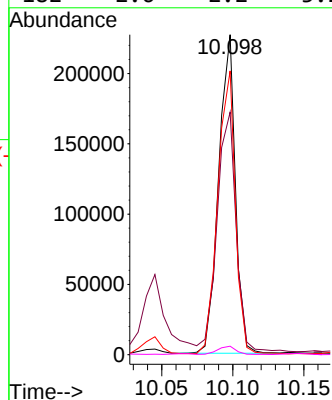
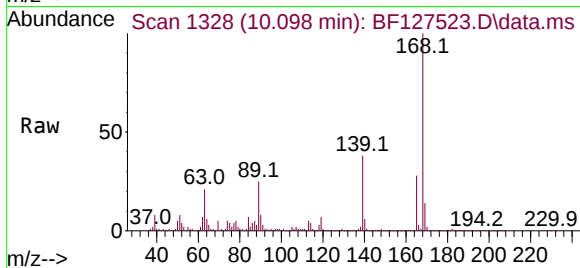




#57
2,4-Dinitrotoluene
Concen: 50.551 ng
RT: 10.098 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

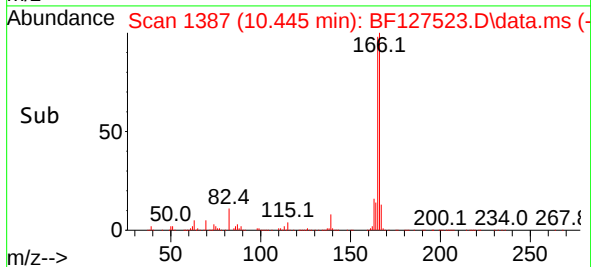
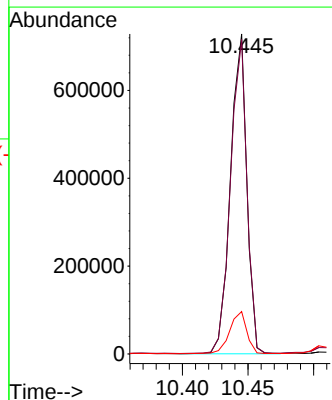
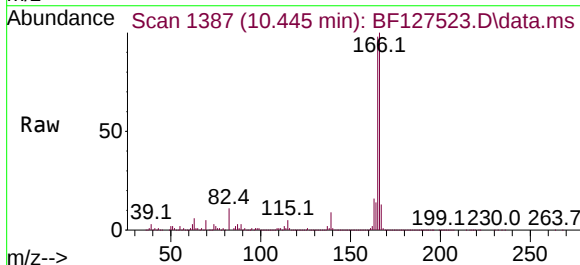
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

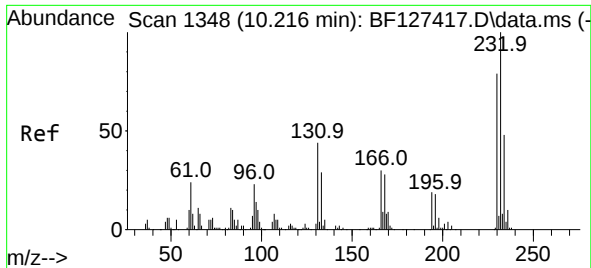
Tgt Ion:165 Resp: 185058
Ion Ratio Lower Upper
165 100
63 75.8 53.1 79.7
89 88.7 69.2 103.8
182 2.6 2.2 3.2



#58
Fluorene
Concen: 53.709 ng
RT: 10.445 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

Tgt Ion:166 Resp: 630130
Ion Ratio Lower Upper
166 100
165 98.3 78.1 117.1
167 13.3 10.5 15.7

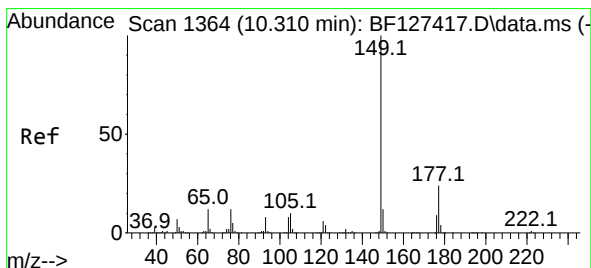
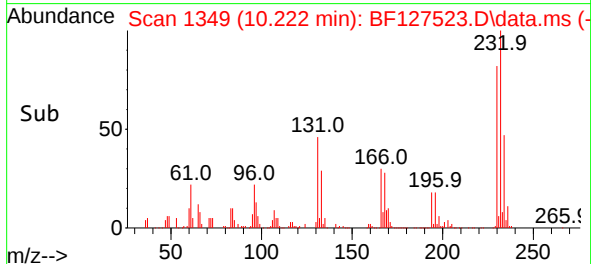
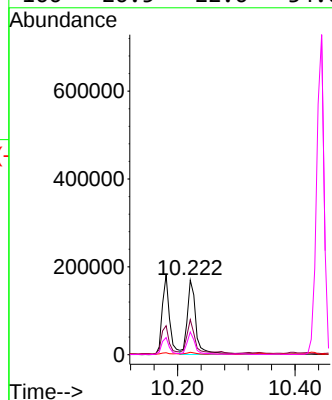
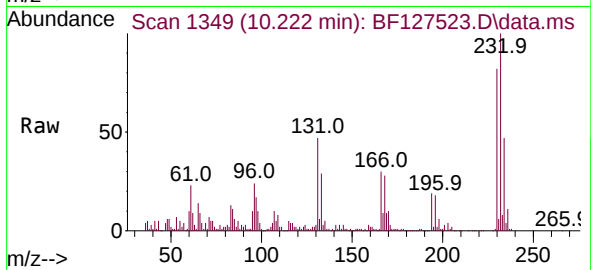




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.061 ng
RT: 10.222 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

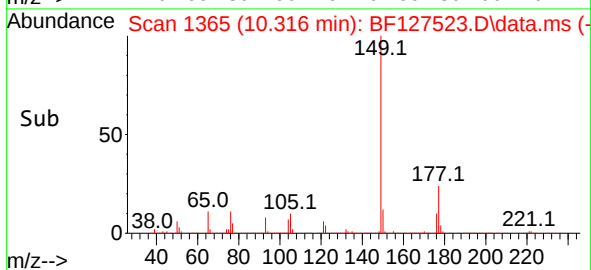
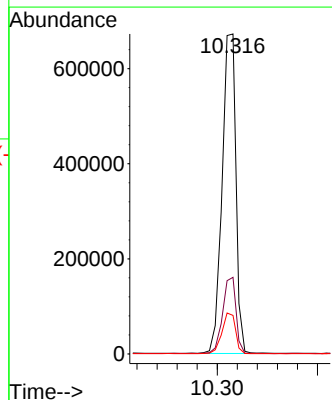
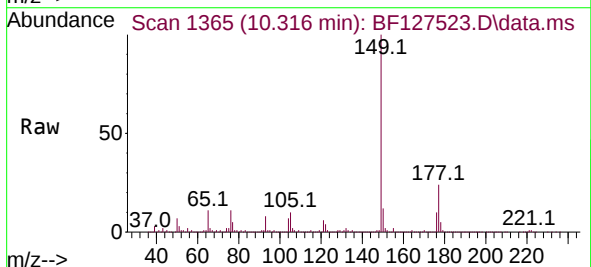
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

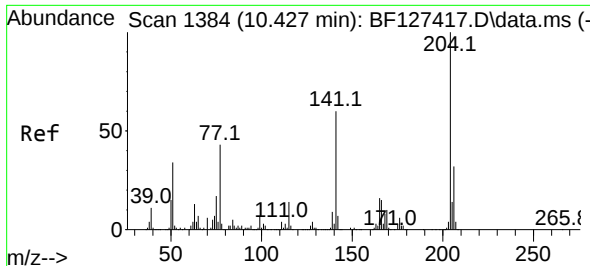
Tgt Ion:232 Resp: 173950
Ion Ratio Lower Upper
232 100
131 37.0 33.4 50.0
130 2.6 1.8 2.6
166 26.5 22.6 34.0



#60
Diethylphthalate
Concen: 51.852 ng
RT: 10.316 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

Tgt Ion:149 Resp: 641678
Ion Ratio Lower Upper
149 100
177 24.0 18.9 28.3
150 12.0 10.0 15.0

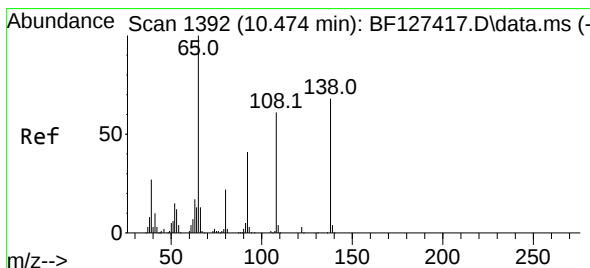
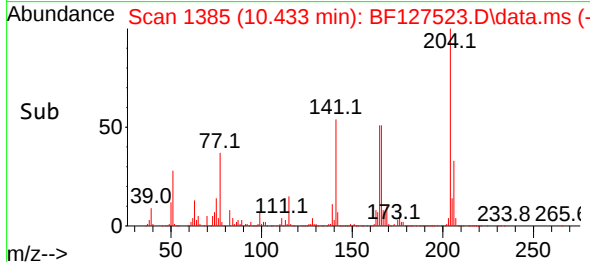
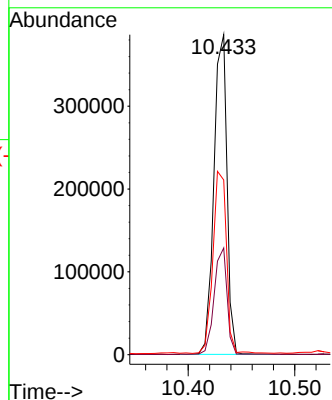
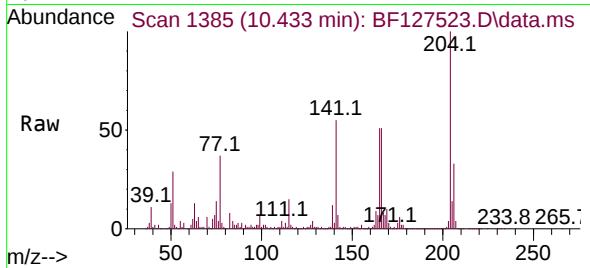




#61
4-Chlorophenyl-phenylether
Concen: 46.946 ng
RT: 10.433 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

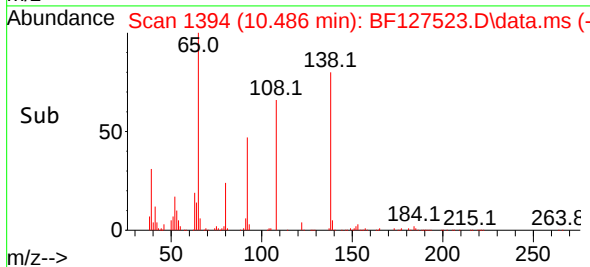
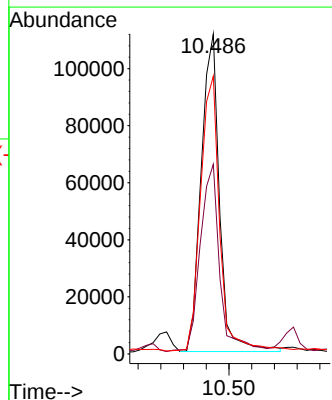
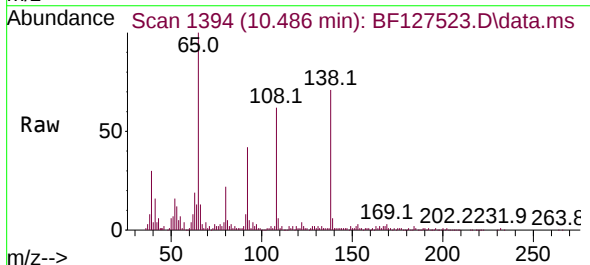
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

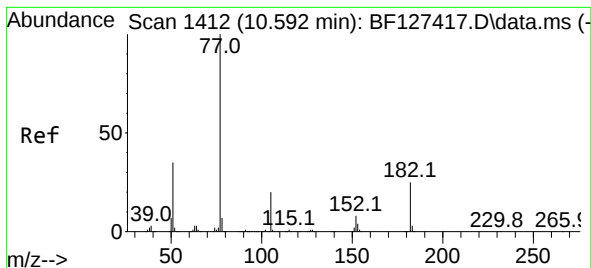
Tgt Ion:204 Resp: 328743
Ion Ratio Lower Upper
204 100
206 33.3 25.9 38.9
141 54.6 47.8 71.8



#62
4-Nitroaniline
Concen: 42.672 ng
RT: 10.486 min Scan# 1394
Delta R.T. 0.012 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

Tgt Ion:138 Resp: 124698
Ion Ratio Lower Upper
138 100
92 59.3 40.5 80.5
108 86.8 69.2 109.2





#63

Azobenzene

Concen: 49.219 ng

RT: 10.592 min Scan# 1412

Delta R.T. 0.000 min

Lab File: BF127523.D

Acq: 25 Mar 2022 12:28

Instrument :

BNA_F

ClientSampleId :

MW-5MSD

Tgt Ion: 77 Resp: 718689

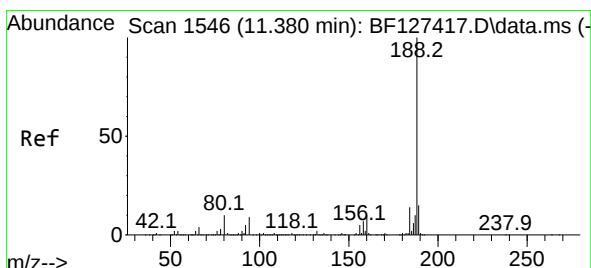
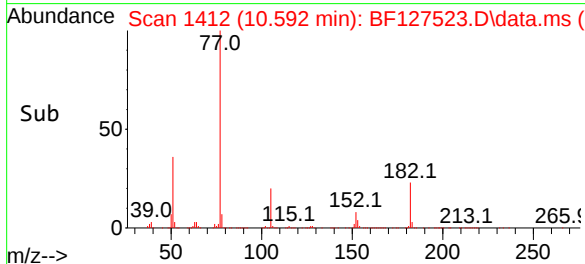
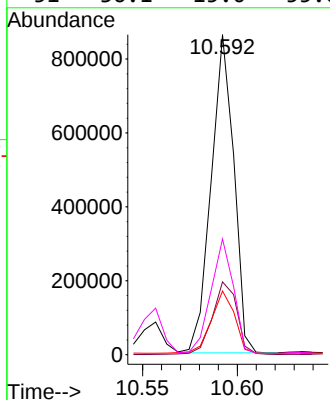
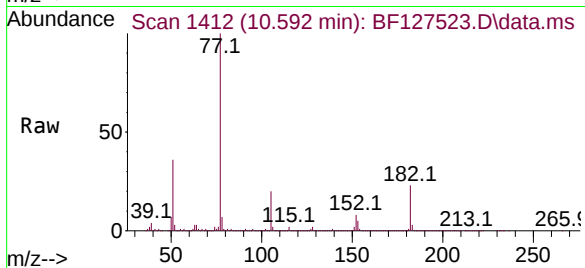
Ion Ratio Lower Upper

77 100

182 22.8 4.5 44.5

105 19.9 0.3 40.3

51 36.1 15.0 55.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF127523.D

Acq: 25 Mar 2022 12:28

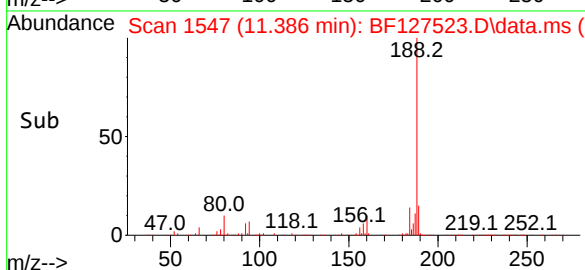
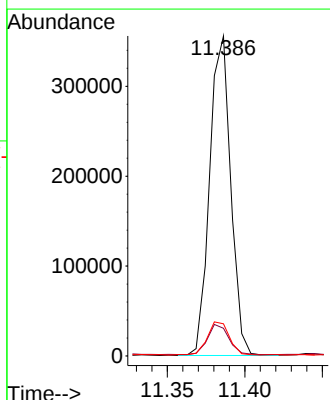
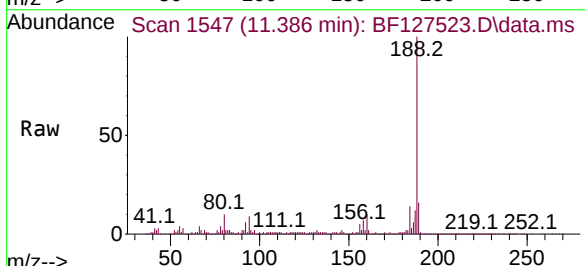
Tgt Ion: 188 Resp: 336640

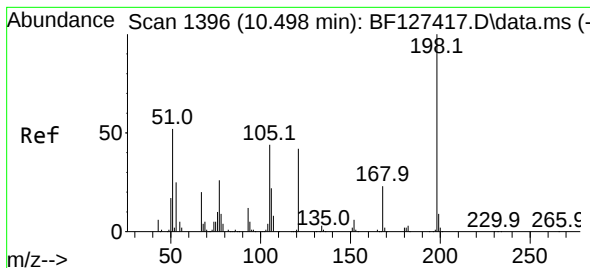
Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.0

80 10.0 8.0 12.0

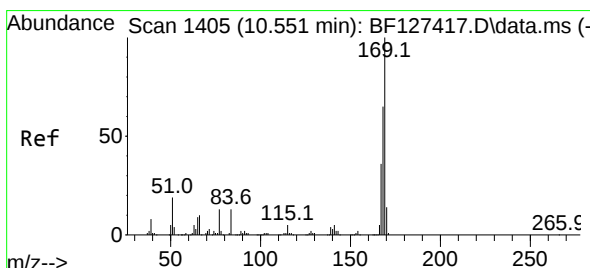
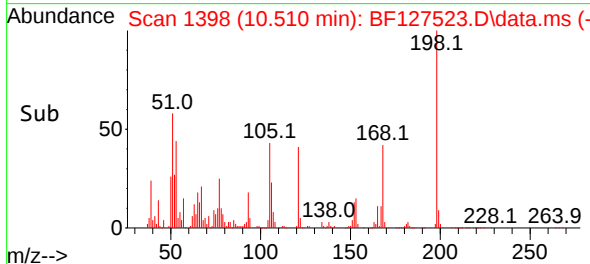
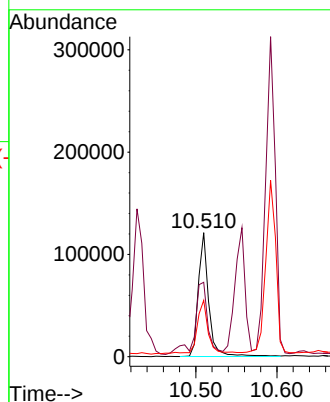
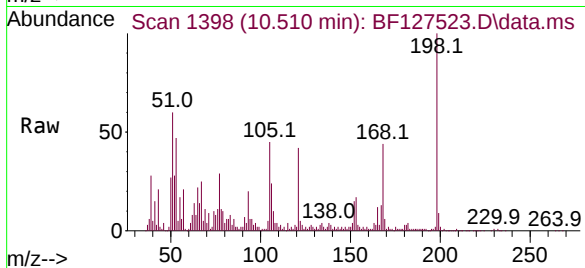




#65
4,6-Dinitro-2-methylphenol
Concen: 51.922 ng
RT: 10.510 min Scan# 1398
Delta R.T. 0.012 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

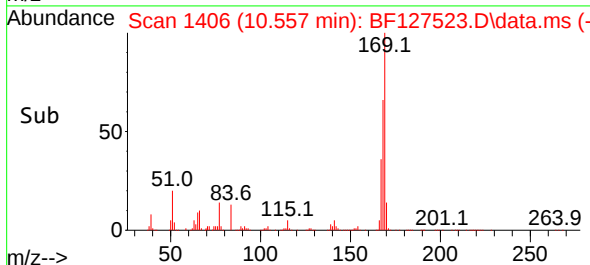
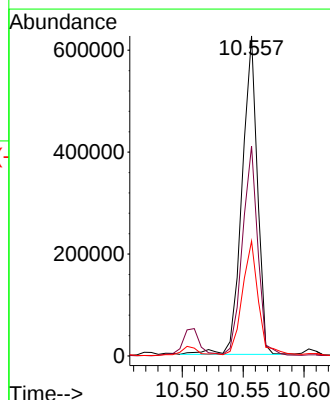
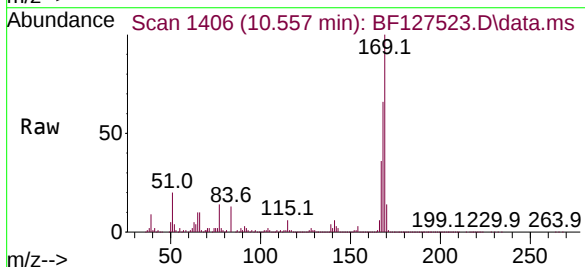
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

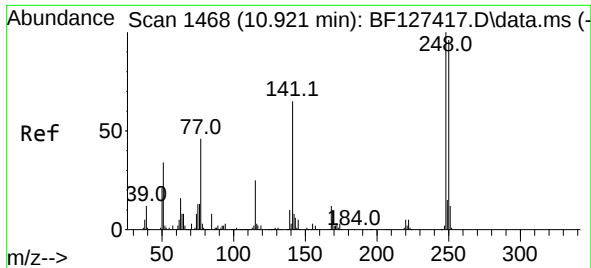
Tgt Ion:198 Resp: 107552
Ion Ratio Lower Upper
198 100
51 60.0 42.7 82.7
105 45.4 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 53.648 ng
RT: 10.557 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

Tgt Ion:169 Resp: 549760
Ion Ratio Lower Upper
169 100
168 65.6 52.7 79.1
167 35.9 28.9 43.3

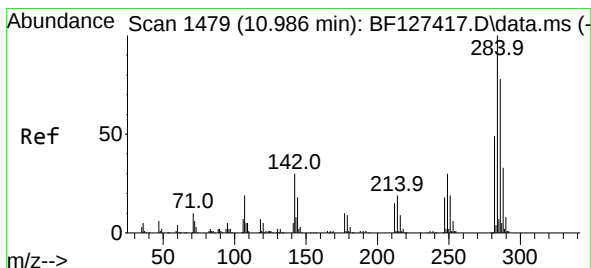
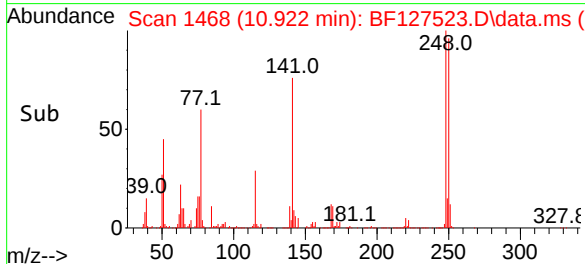
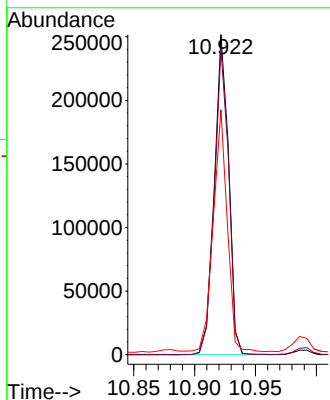
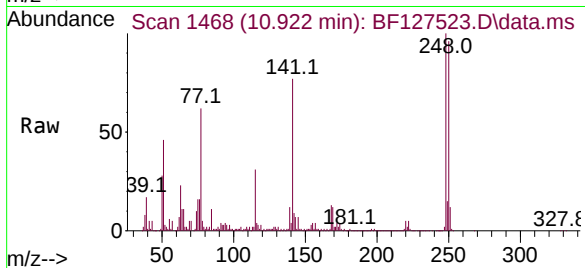




#67
4-Bromophenyl-phenylether
Concen: 52.735 ng
RT: 10.922 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

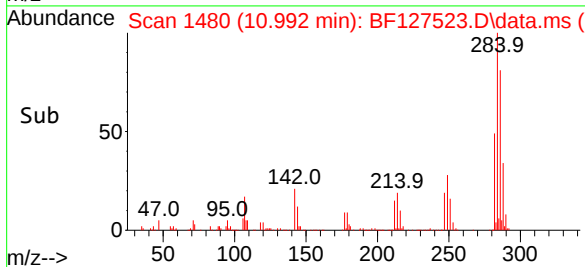
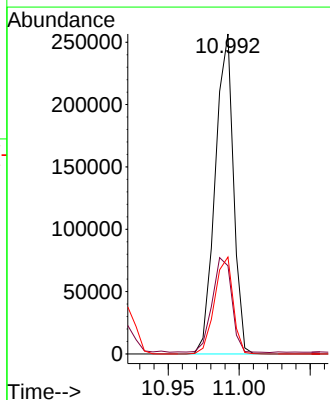
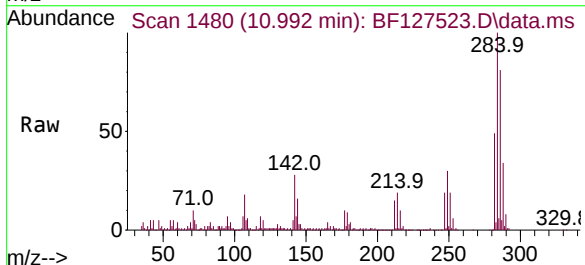
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

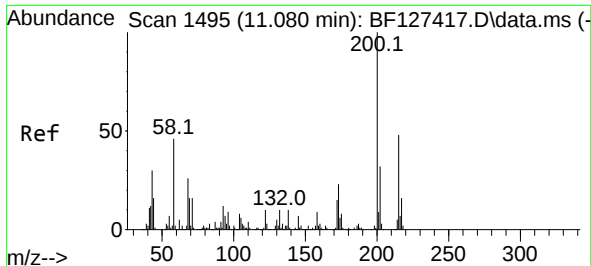
Tgt Ion:248 Resp: 207267
Ion Ratio Lower Upper
248 100
250 95.5 76.6 115.0
141 76.6 52.2 78.2



#68
Hexachlorobenzene
Concen: 53.495 ng
RT: 10.992 min Scan# 1480
Delta R.T. 0.006 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

Tgt Ion:284 Resp: 229505
Ion Ratio Lower Upper
284 100
142 27.5 23.8 35.8
249 30.3 23.9 35.9

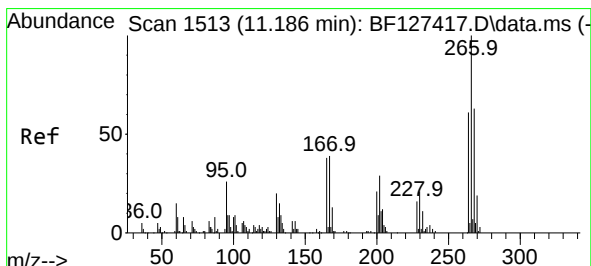
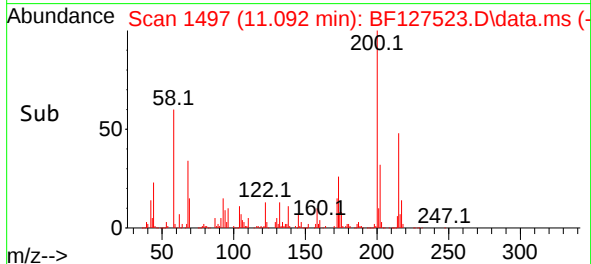
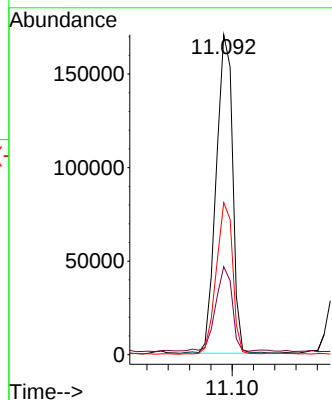
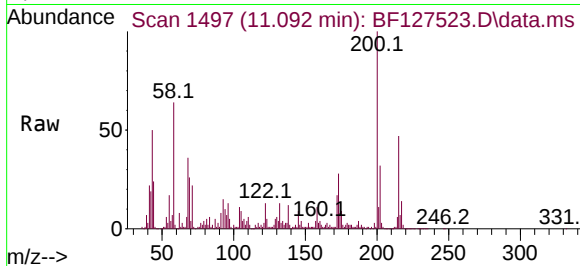




#69
 Atrazine
 Concen: 53.316 ng
 RT: 11.092 min Scan# 1495
 Delta R.T. 0.012 min
 Lab File: BF127523.D
 Acq: 25 Mar 2022 12:28

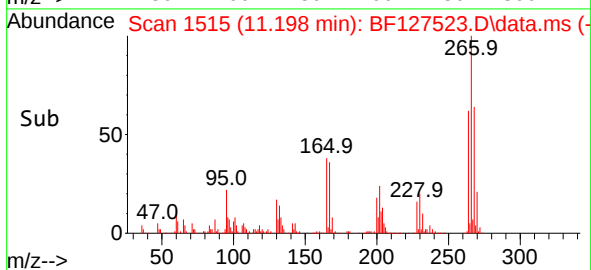
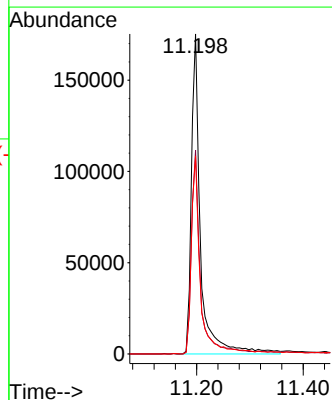
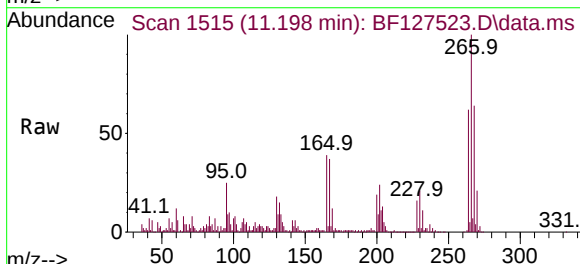
Instrument :
 BNA_F
 ClientSampleId :
 MW-5MSD

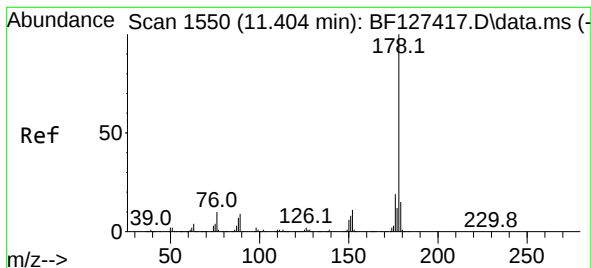
Tgt Ion:200 Resp: 181887
 Ion Ratio Lower Upper
 200 100
 173 27.5 2.9 42.9
 215 47.5 28.0 68.0



#70
 Pentachlorophenol
 Concen: 122.482 ng
 RT: 11.198 min Scan# 1515
 Delta R.T. 0.012 min
 Lab File: BF127523.D
 Acq: 25 Mar 2022 12:28

Tgt Ion:266 Resp: 209358
 Ion Ratio Lower Upper
 266 100
 268 63.7 50.4 75.6
 264 61.9 48.5 72.7





#71

Phenanthrene

Concen: 51.225 ng

RT: 11.410 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF127523.D

Acq: 25 Mar 2022 12:28

Instrument :

BNA_F

ClientSampleId :

MW-5MSD

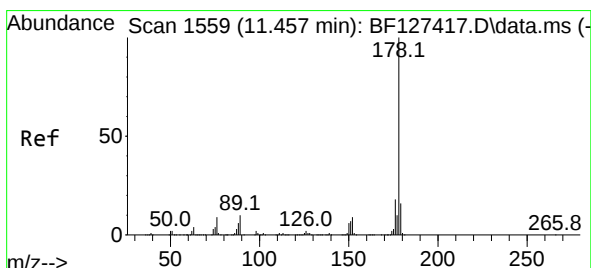
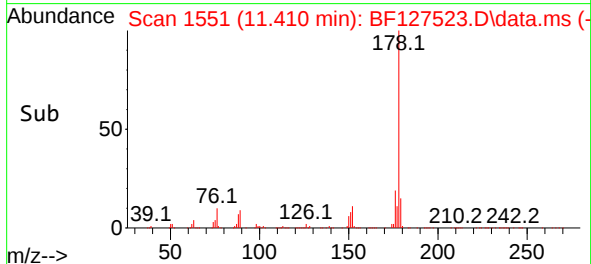
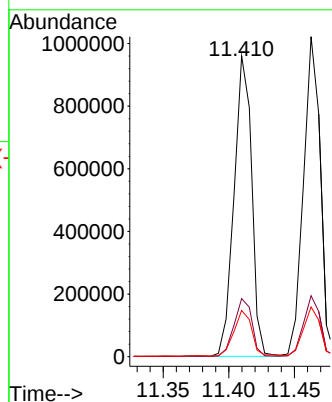
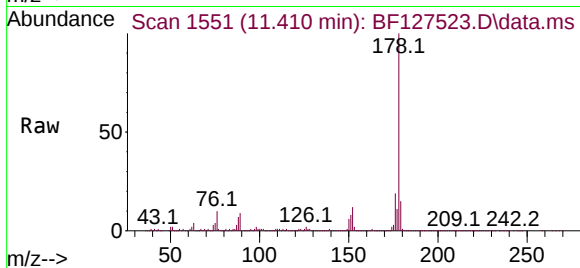
Tgt Ion:178 Resp: 899026

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.4 12.4 18.6



#72

Anthracene

Concen: 52.072 ng

RT: 11.463 min Scan# 1560

Delta R.T. 0.006 min

Lab File: BF127523.D

Acq: 25 Mar 2022 12:28

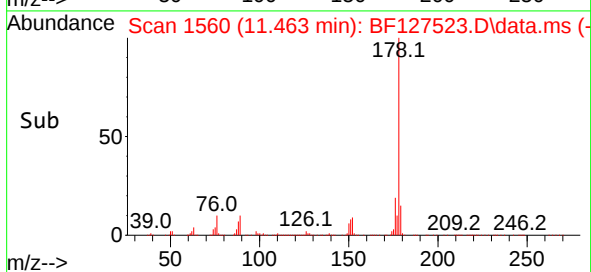
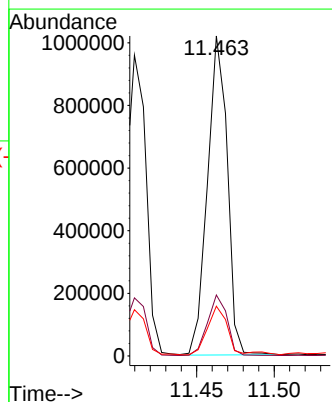
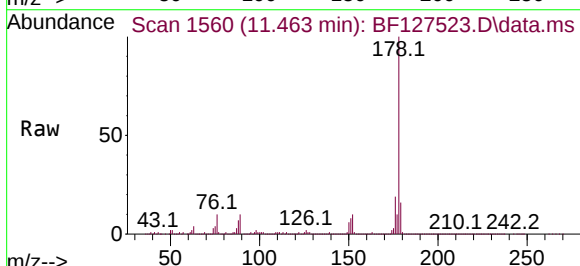
Tgt Ion:178 Resp: 906903

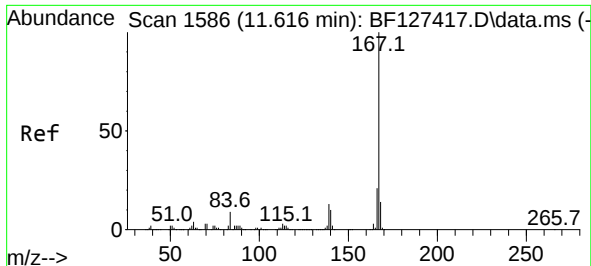
Ion Ratio Lower Upper

178 100

176 19.1 14.6 22.0

179 15.5 12.4 18.6

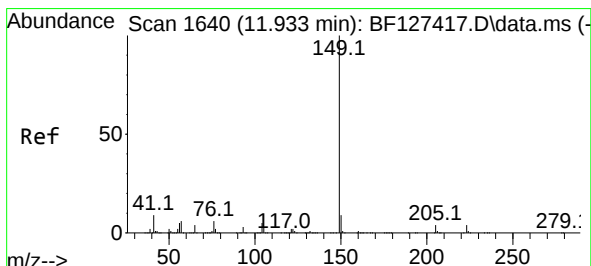
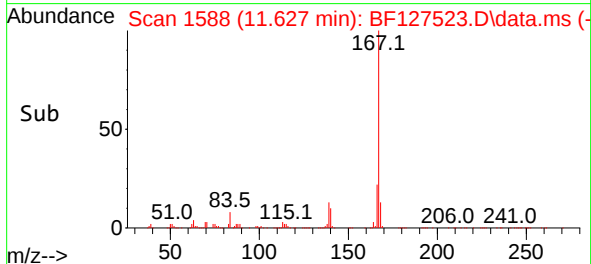
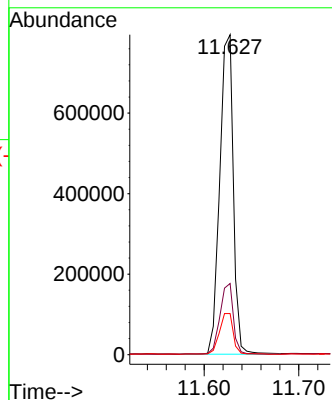
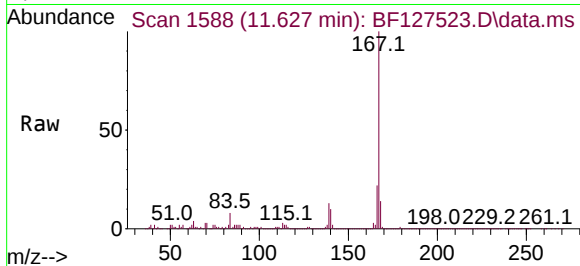




#73
Carbazole
Concen: 47.496 ng
RT: 11.627 min Scan# 1588
Delta R.T. 0.012 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

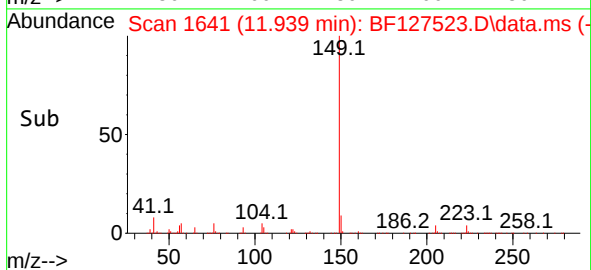
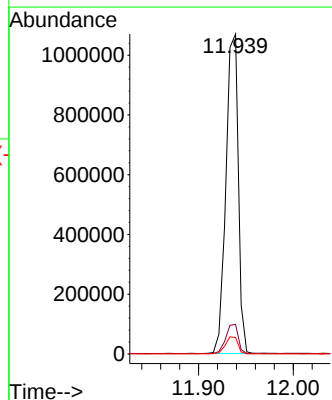
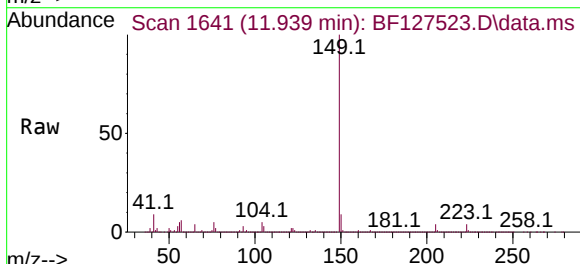
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

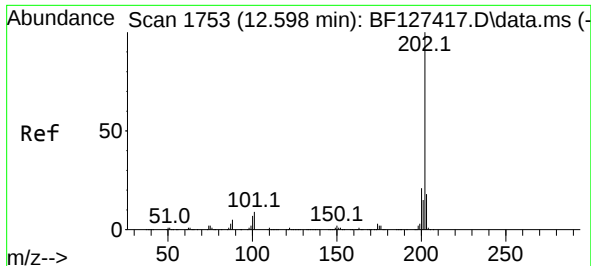
Tgt Ion:167 Resp: 791080
Ion Ratio Lower Upper
167 100
166 22.2 17.0 25.4
139 12.9 10.5 15.7



#74
Di-n-butylphthalate
Concen: 56.463 ng
RT: 11.939 min Scan# 1641
Delta R.T. 0.006 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

Tgt Ion:149 Resp: 973447
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.2 4.2 6.2

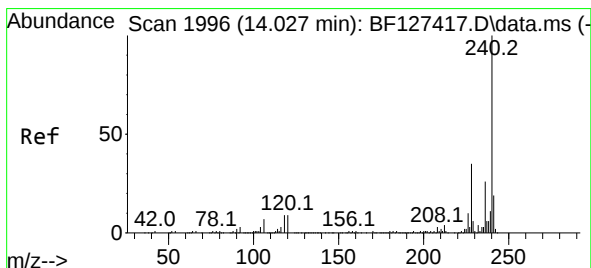
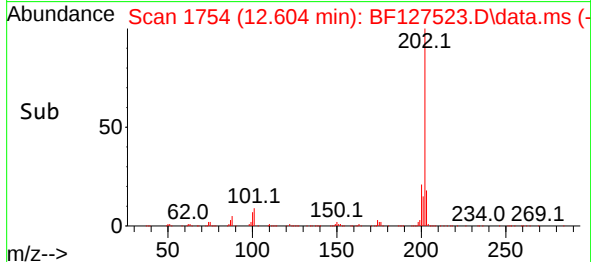
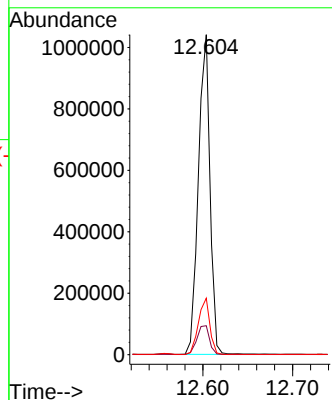
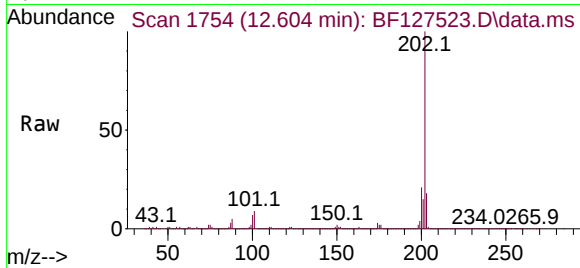




#75
Fluoranthene
Concen: 48.420 ng
RT: 12.604 min Scan# 1753
Delta R.T. 0.006 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

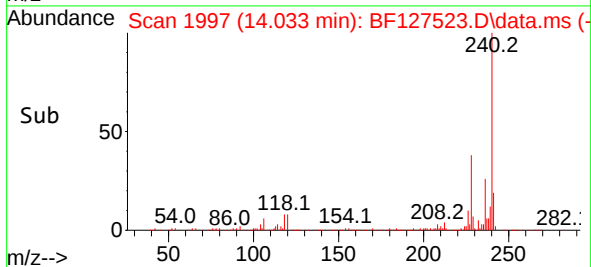
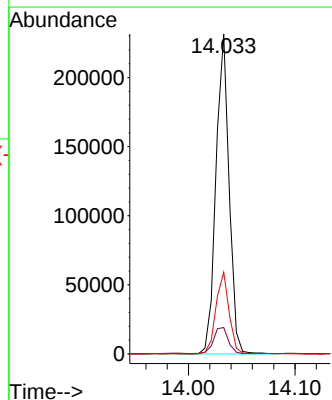
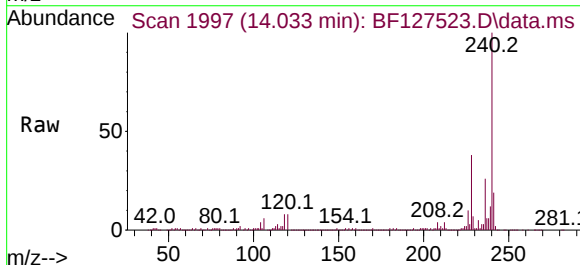
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

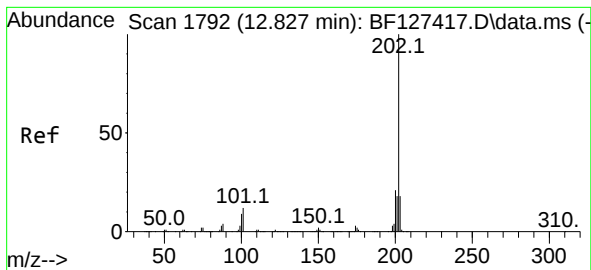
Tgt Ion:202 Resp: 934682
Ion Ratio Lower Upper
202 100
101 9.0 0.0 29.0
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

Tgt Ion:240 Resp: 198115
Ion Ratio Lower Upper
240 100
120 8.3 7.1 10.7
236 25.6 20.7 31.1





#78

Pyrene

Concen: 54.452 ng

RT: 12.833 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF127523.D

Acq: 25 Mar 2022 12:28

Instrument :

BNA_F

ClientSampleId :

MW-5MSD

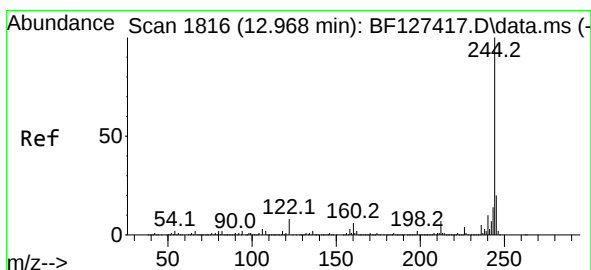
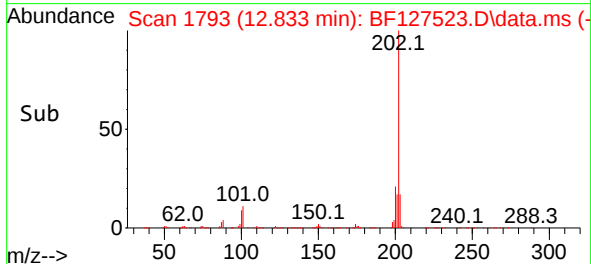
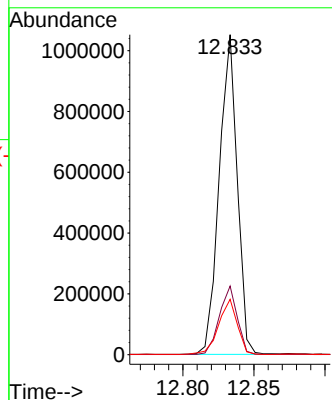
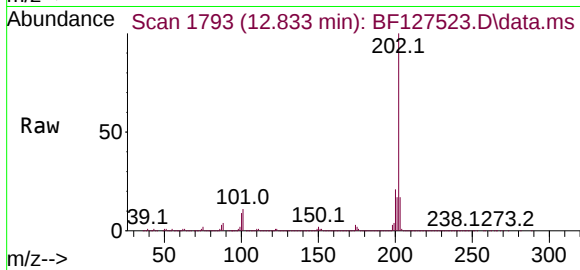
Tgt Ion:202 Resp: 925833

Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

203 17.3 14.3 21.5



#79

Terphenyl-d14

Concen: 101.502 ng

RT: 12.968 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF127523.D

Acq: 25 Mar 2022 12:28

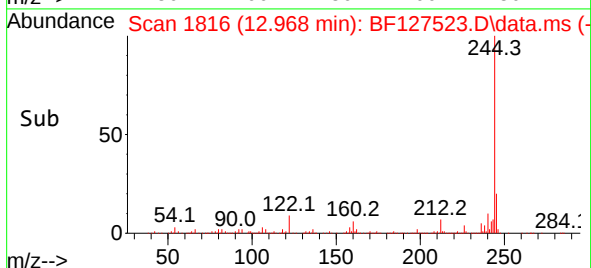
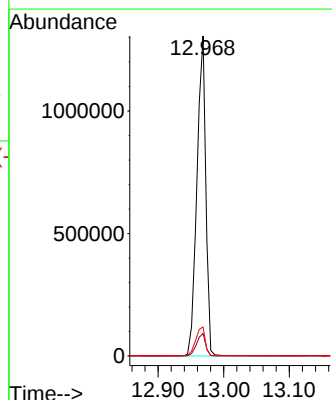
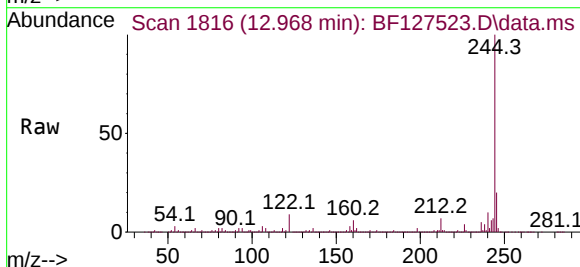
Tgt Ion:244 Resp: 1228399

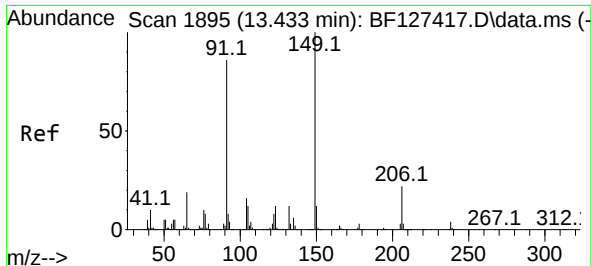
Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 9.1 6.2 9.2

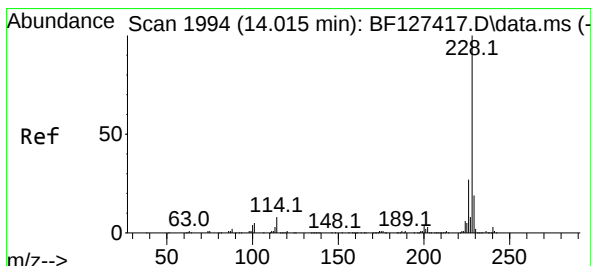
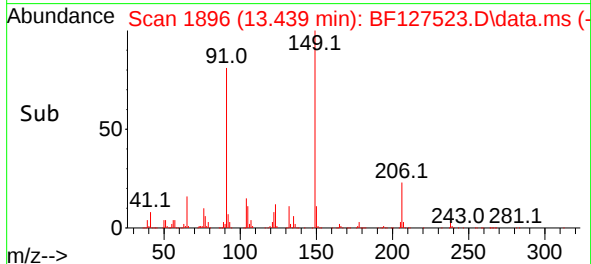
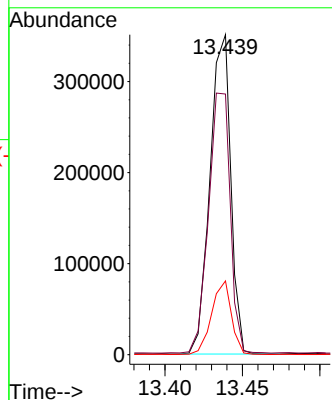
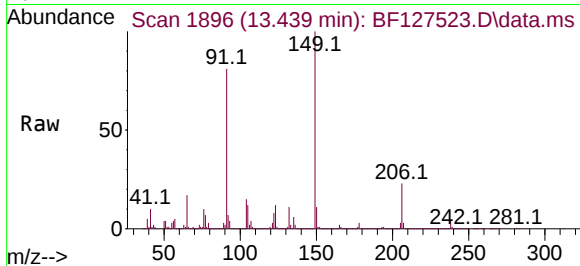




#80
Butylbenzylphthalate
Concen: 58.510 ng
RT: 13.439 min Scan# 1895
Delta R.T. 0.006 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

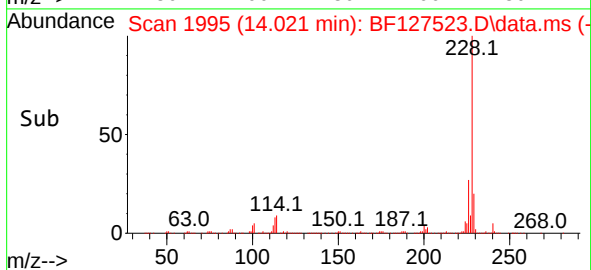
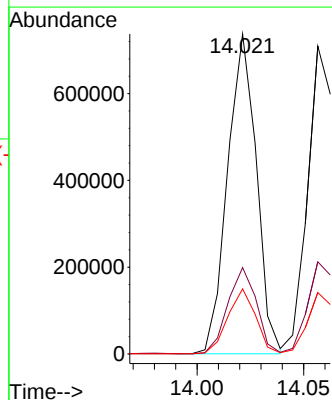
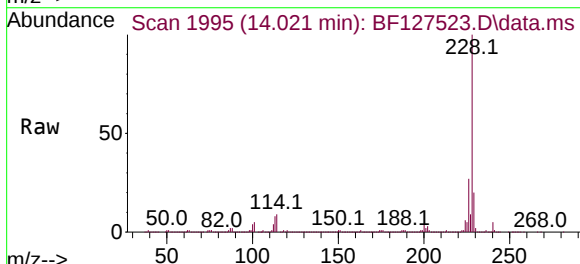
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

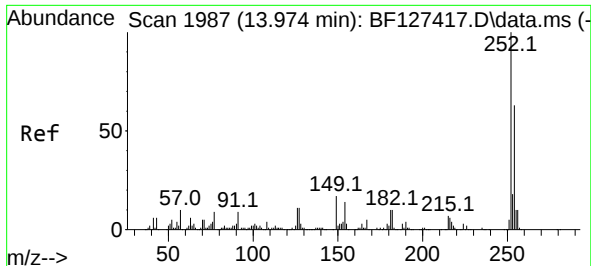
Tgt Ion:149 Resp: 327422
Ion Ratio Lower Upper
149 100
91 81.4 69.1 103.7
206 23.0 17.7 26.5



#81
Benzo(a)anthracene
Concen: 52.298 ng
RT: 14.021 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

Tgt Ion:228 Resp: 692888
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 20.3 15.4 23.2

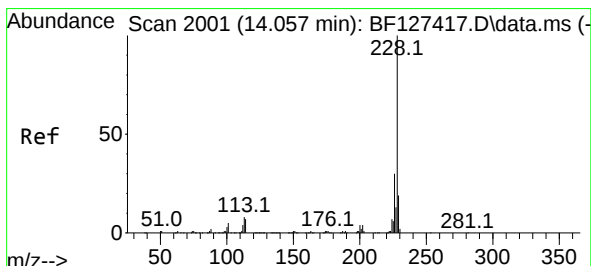
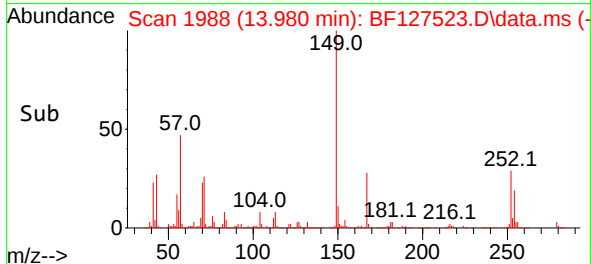
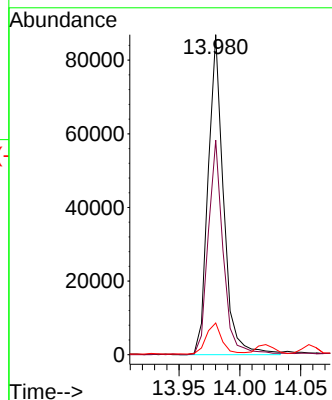
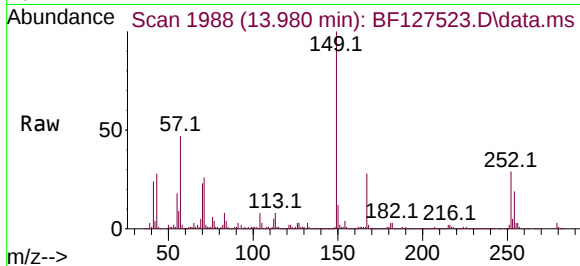




#82
 3,3'-Dichlorobenzidine
 Concen: 19.656 ng
 RT: 13.980 min Scan# 1988
 Delta R.T. 0.006 min
 Lab File: BF127523.D
 Acq: 25 Mar 2022 12:28

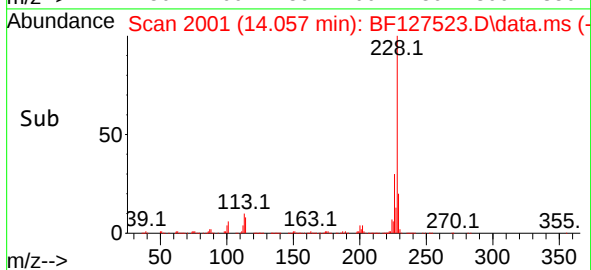
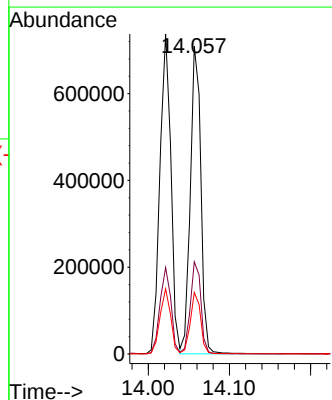
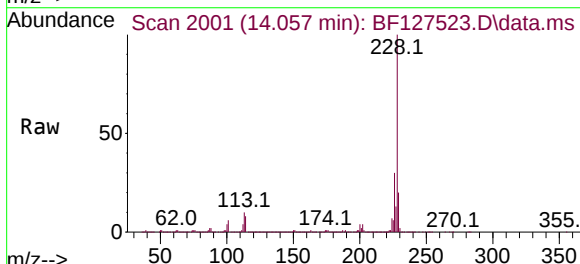
Instrument :
 BNA_F
 ClientSampleId :
 MW-5MSD

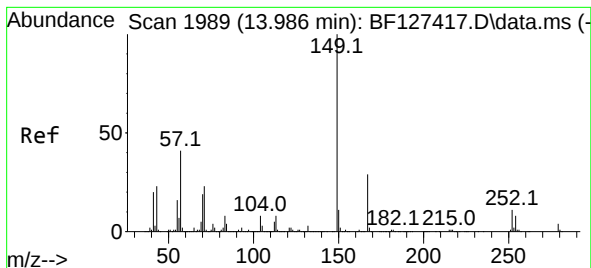
Tgt Ion:252 Resp: 76536
 Ion Ratio Lower Upper
 252 100
 254 67.1 50.2 75.4
 126 9.9 8.7 13.1



#83
 Chrysene
 Concen: 50.882 ng
 RT: 14.057 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: BF127523.D
 Acq: 25 Mar 2022 12:28

Tgt Ion:228 Resp: 638364
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.2 36.4
 229 20.0 15.4 23.2

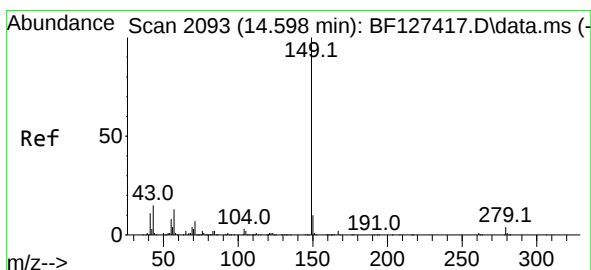
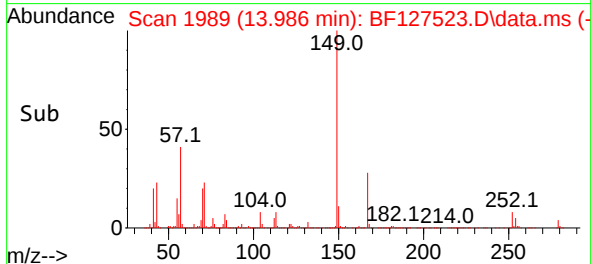
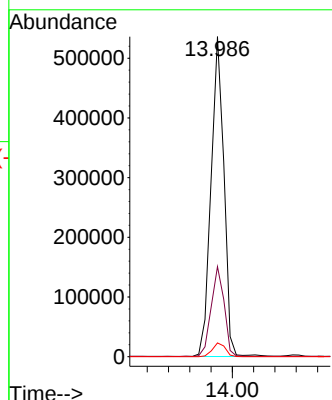
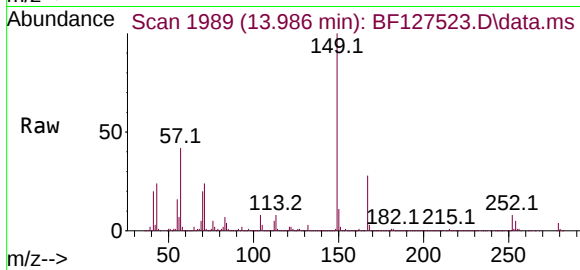




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 69.565 ng
 RT: 13.986 min Scan# 1989
 Delta R.T. 0.000 min
 Lab File: BF127523.D
 Acq: 25 Mar 2022 12:28

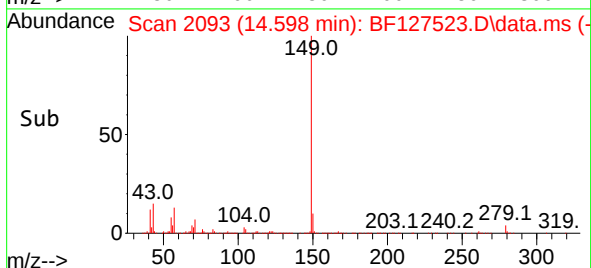
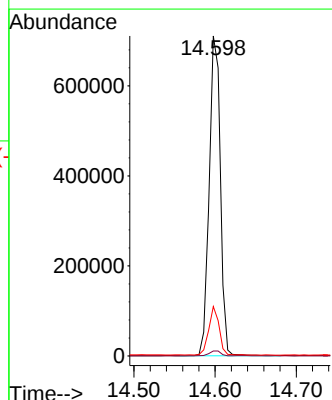
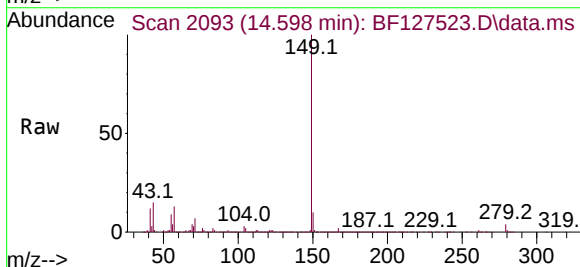
Instrument :
 BNA_F
 ClientSampleId :
 MW-5MSD

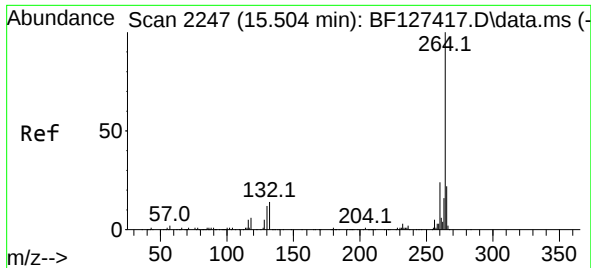
Tgt Ion:149 Resp: 450001
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.9 34.3
 279 4.3 3.2 4.8



#85
 Di-n-octyl phthalate
 Concen: 78.419 ng
 RT: 14.598 min Scan# 2093
 Delta R.T. 0.000 min
 Lab File: BF127523.D
 Acq: 25 Mar 2022 12:28

Tgt Ion:149 Resp: 675030
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 14.2 11.0 16.6

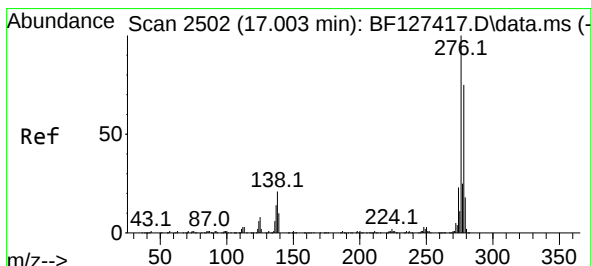
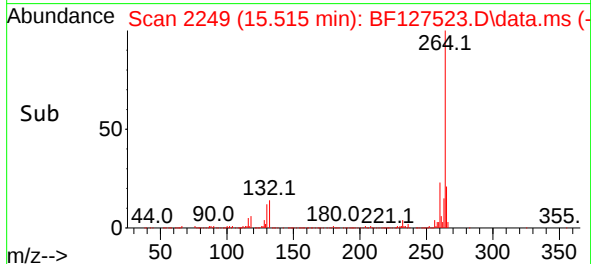
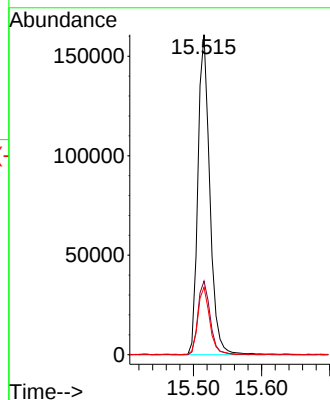
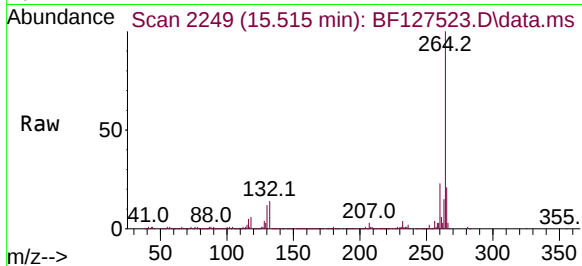




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

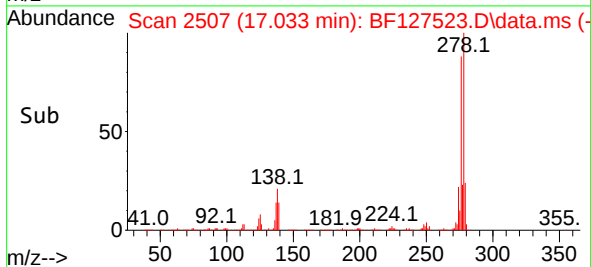
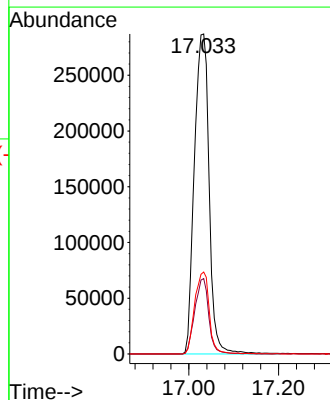
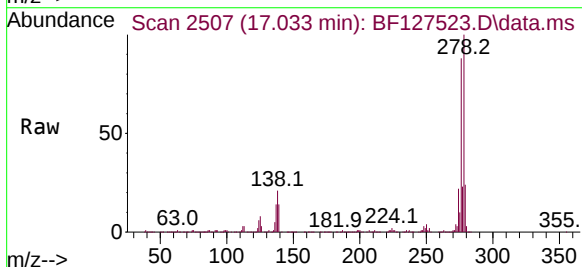
Instrument :
BNA_F
ClientSampleId :
MW-5MSD

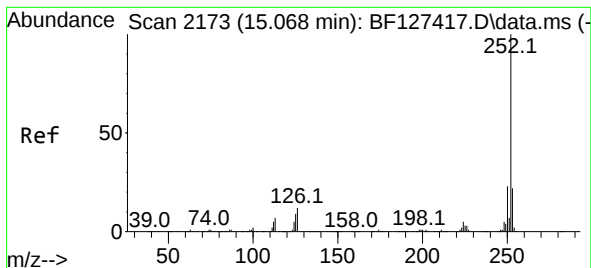
Tgt Ion:264 Resp: 194486
Ion Ratio Lower Upper
264 100
260 23.0 19.1 28.7
265 21.1 17.4 26.2



#87
Indeno(1,2,3-cd)pyrene
Concen: 49.730 ng
RT: 17.033 min Scan# 2507
Delta R.T. 0.029 min
Lab File: BF127523.D
Acq: 25 Mar 2022 12:28

Tgt Ion:276 Resp: 654448
Ion Ratio Lower Upper
276 100
138 22.2 17.1 25.7
277 25.2 19.9 29.9





#88

Benzo(b)fluoranthene

Concen: 54.177 ng

RT: 15.080 min Scan# 2175

Delta R.T. 0.012 min

Lab File: BF127523.D

Acq: 25 Mar 2022 12:28

Instrument :

BNA_F

ClientSampleId :

MW-5MSD

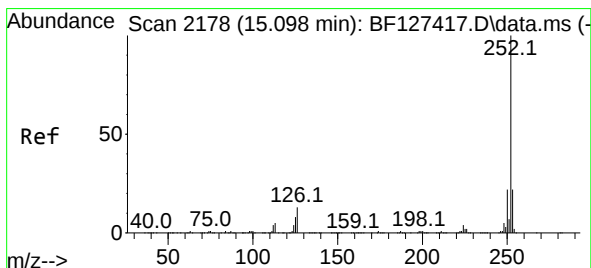
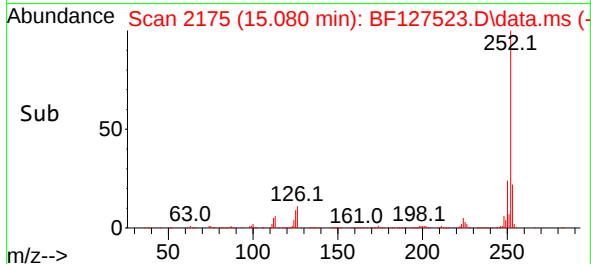
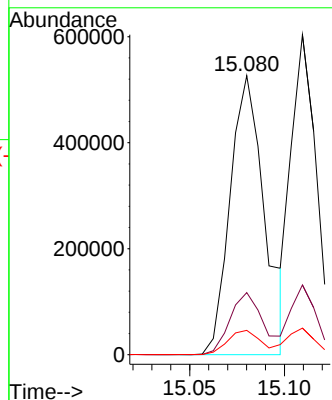
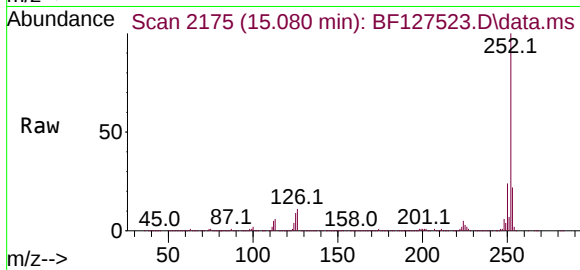
Tgt Ion:252 Resp: 664366

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 8.7 7.0 10.4



#89

Benzo(k)fluoranthene

Concen: 45.043 ng

RT: 15.110 min Scan# 2180

Delta R.T. 0.011 min

Lab File: BF127523.D

Acq: 25 Mar 2022 12:28

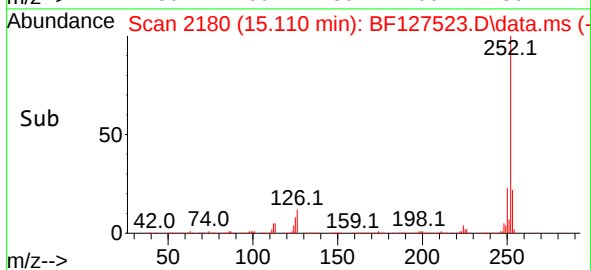
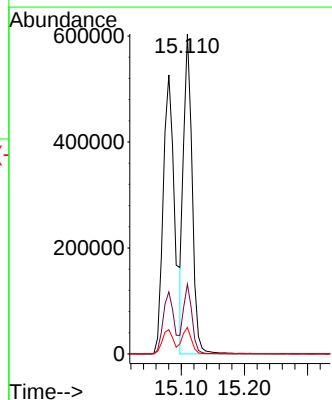
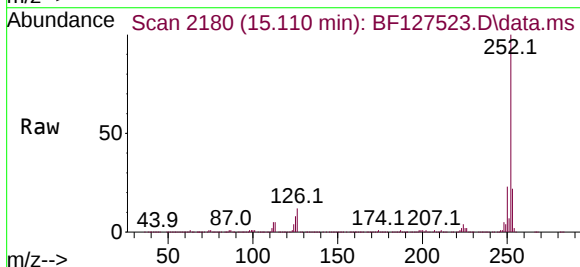
Tgt Ion:252 Resp: 572606

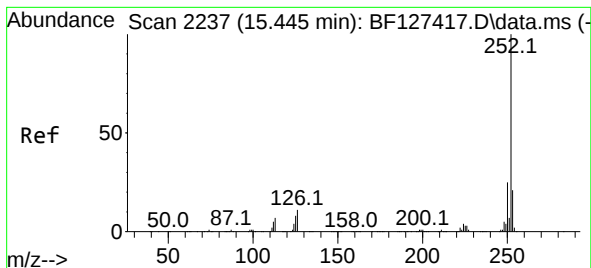
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 8.3 6.9 10.3





#90

Benzo(a)pyrene

Concen: 61.206 ng

RT: 15.457 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF127523.D

Acq: 25 Mar 2022 12:28

Instrument :

BNA_F

ClientSampleId :

MW-5MSD

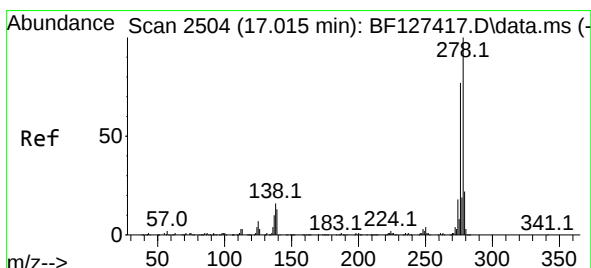
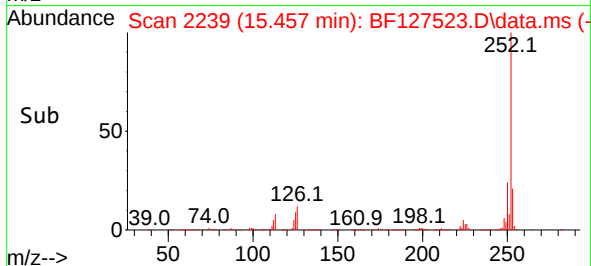
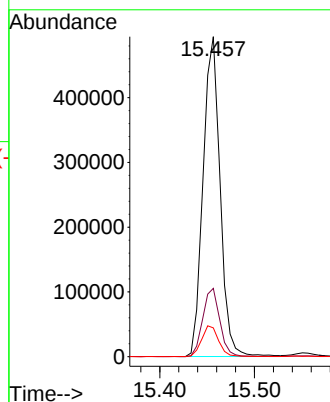
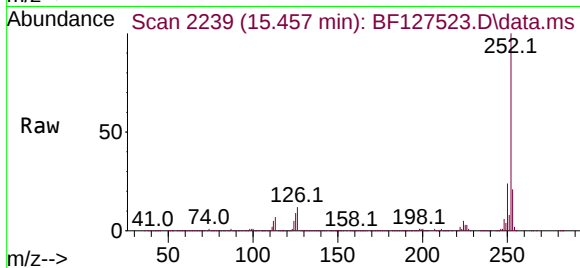
Tgt Ion:252 Resp: 615972

Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.6

125 9.0 6.7 10.1



#91

Dibenzo(a,h)anthracene

Concen: 54.031 ng

RT: 17.033 min Scan# 2507

Delta R.T. 0.018 min

Lab File: BF127523.D

Acq: 25 Mar 2022 12:28

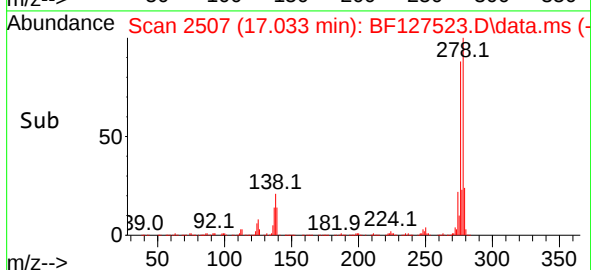
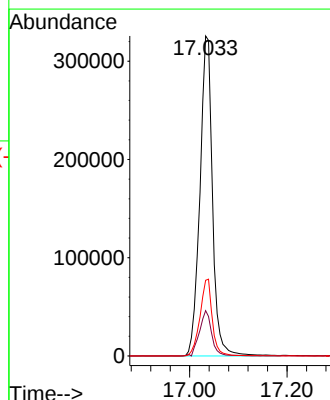
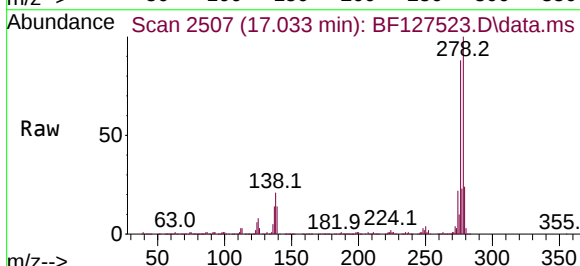
Tgt Ion:278 Resp: 587054

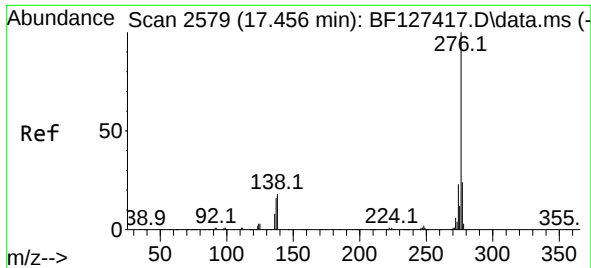
Ion Ratio Lower Upper

278 100

139 14.1 10.8 16.2

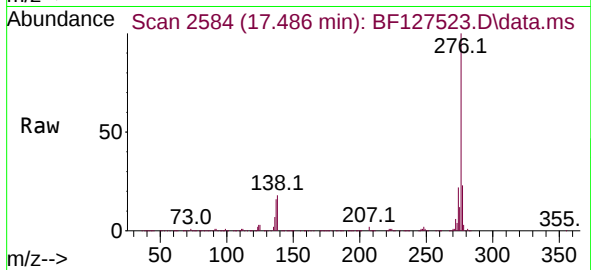
279 23.6 17.7 26.5





#92
 Benzo(g,h,i)perylene
 Concen: 50.118 ng
 RT: 17.486 min Scan# 21
 Delta R.T. 0.029 min
 Lab File: BF127523.D
 Acq: 25 Mar 2022 12:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-5MSD



Tgt Ion:	276	Resp:	562847
Ion Ratio	Lower	Upper	
276	100		
277	23.2	19.0	28.4
138	18.3	14.6	22.0

