

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
 Data File : BF127529.D
 Acq On : 25 Mar 2022 16:48
 Operator : CG\JU
 Sample : N2076-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-20220322MSD

Quant Time: Mar 25 17:28:06 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	96037	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	338365	20.000	ng	0.00
39) Acenaphthene-d10	9.887	164	205487	20.000	ng	0.00
64) Phenanthrene-d10	11.381	188	359808	20.000	ng	0.00
76) Chrysene-d12	14.028	240	214774	20.000	ng	0.00
86) Perylene-d12	15.510	264	197702	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	657145	109.223	ng	0.02
7) Phenol-d6	6.499	99	826947	100.551	ng	0.01
23) Nitrobenzene-d5	7.422	82	656732	82.965	ng	0.00
42) 2,4,6-Tribromophenol	10.687	330	251257	114.784	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1075201	76.406	ng	0.00
79) Terphenyl-d14	12.963	244	1102642	84.044	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	123262	46.646	ng	94
3) Pyridine	3.440	79	275122	36.888	ng	95
4) n-Nitrosodimethylamine	3.417	42	190103	46.423	ng	98
6) Aniline	6.516	93	242973	24.757	ng	# 71
8) 2-Chlorophenol	6.640	128	293860	47.795	ng	96
9) Benzaldehyde	6.405	77	216693	53.735	ng	94
10) Phenol	6.510	94	398703	44.516	ng	93
11) bis(2-Chloroethyl)ether	6.587	93	318634	48.620	ng	97
12) 1,3-Dichlorobenzene	6.787	146	310593	44.914	ng	97
13) 1,4-Dichlorobenzene	6.863	146	319745	45.967	ng	98
14) 1,2-Dichlorobenzene	7.016	146	276327	40.787	ng	98
15) Benzyl Alcohol	7.005	79	299857	50.170	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.122	45	544977	46.212	ng	80
17) 2-Methylphenol	7.110	107	237971	45.863	ng	# 92
18) Hexachloroethane	7.352	117	126773	49.782	ng	92
19) n-Nitroso-di-n-propyla...	7.269	70	237583	48.194	ng	99
20) 3+4-Methylphenols	7.269	107	300058	46.885	ng	90
22) Acetophenone	7.263	105	421979	48.787	ng	98
24) Nitrobenzene	7.440	77	369664	48.968	ng	99
25) Isophorone	7.675	82	699690	55.498	ng	99
26) 2-Nitrophenol	7.752	139	155032	48.966	ng	97
27) 2,4-Dimethylphenol	7.793	122	280649	58.928	ng	98
28) bis(2-Chloroethoxy)met...	7.887	93	401815	49.062	ng	98
29) 2,4-Dichlorophenol	8.004	162	258675	47.844	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	294206	46.698	ng	98
31) Naphthalene	8.169	128	4545542	253.032	ng	96
32) Benzoic acid	7.952	122	142631	51.592	ng	90
33) 4-Chloroaniline	8.216	127	38694	5.558	ng	95
34) Hexachlorobutadiene	8.263	225	179743	44.928	ng	97
35) Caprolactam	8.616	113	30929	18.556	ng	96
36) 4-Chloro-3-methylphenol	8.704	107	282267	48.119	ng	96
37) 2-Methylnaphthalene	8.846	142	840116	72.730	ng	98
38) 1-Methylnaphthalene	8.946	142	779185	68.217	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	287428	43.992	ng	99
41) Hexachlorocyclopentadiene	8.993	237	180907	80.126	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	177935	45.054	ng	98

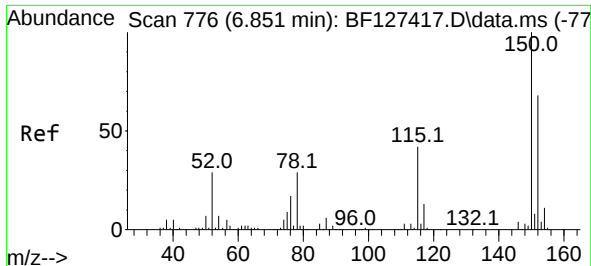
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	186587	45.896	ng	96
46) 1,1'-Biphenyl	9.310	154	715586	46.108	ng	99
47) 2-Chloronaphthalene	9.340	162	541971	44.346	ng	99
48) 2-Nitroaniline	9.446	65	213469	45.575	ng	99
49) Acenaphthylene	9.751	152	857527	46.413	ng	100
50) Dimethylphthalate	9.616	163	702586	49.148	ng	99
51) 2,6-Dinitrotoluene	9.687	165	144670	48.211	ng	93
52) Acenaphthene	9.922	154	534515	49.585	ng	98
53) 3-Nitroaniline	9.857	138	41368	12.567	ng	97
54) 2,4-Dinitrophenol	9.975	184	135588	88.491	ng	93
55) Dibenzofuran	10.098	168	722462	46.562	ng	100
56) 4-Nitrophenol	10.040	139	129689	77.410	ng	94
57) 2,4-Dinitrotoluene	10.093	165	173761	44.987	ng	92
58) Fluorene	10.440	166	618023	49.746	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	159406	44.349	ng	99
60) Diethylphthalate	10.310	149	601718	46.084	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	313982	42.497	ng	98
62) 4-Nitroaniline	10.481	138	124017	40.223	ng	96
63) Azobenzene	10.593	77	694437	45.074	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	100126	45.224	ng	94
66) n-Nitrosodiphenylamine	10.551	169	517987	47.293	ng	100
67) 4-Bromophenyl-phenylether	10.922	248	196627	46.807	ng	97
68) Hexachlorobenzene	10.987	284	213654	46.594	ng	99
69) Atrazine	11.087	200	181298	49.721	ng	98
70) Pentachlorophenol	11.192	266	177969	98.794	ng	98
71) Phenanthrene	11.410	178	899295	47.941	ng	99
72) Anthracene	11.457	178	889044	47.759	ng	99
73) Carbazole	11.622	167	768923	43.193	ng	99
74) Di-n-butylphthalate	11.934	149	937307	50.866	ng	99
75) Fluoranthene	12.598	202	916832	44.437	ng	99
77) Benzidine	12.728	184	40167	7.843	ng	97
78) Pyrene	12.828	202	906687	49.190	ng	99
80) Butylbenzylphthalate	13.434	149	332141	54.750	ng	96
81) Benzo(a)anthracene	14.016	228	663928	46.225	ng	99
82) 3,3'-Dichlorobenzidine	13.975	252	106800	25.300	ng	99
83) Chrysene	14.057	228	610311	44.873	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	454773	64.850	ng	# 99
85) Di-n-octyl phthalate	14.598	149	657772	70.487	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	587654	43.928	ng	100
88) Benzo(b)fluoranthene	15.075	252	586513	47.051	ng	99
89) Benzo(k)fluoranthene	15.104	252	552171	42.729	ng	99
90) Benzo(a)pyrene	15.451	252	566582	55.383	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	520585	47.134	ng	98
92) Benzo(g,h,i)perylene	17.480	276	489654	42.892	ng	99

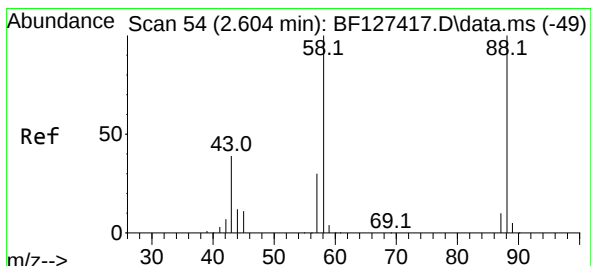
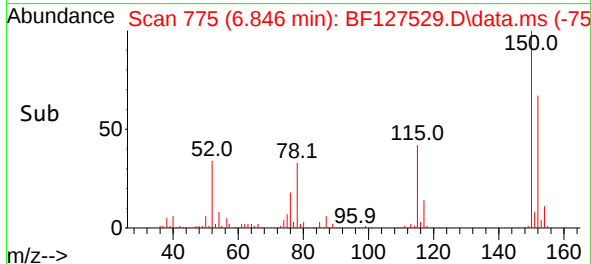
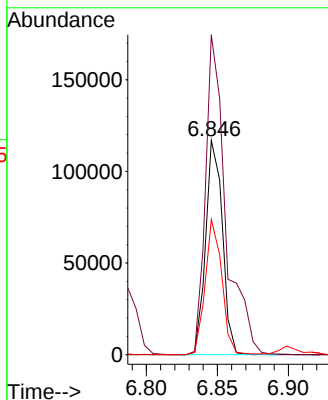
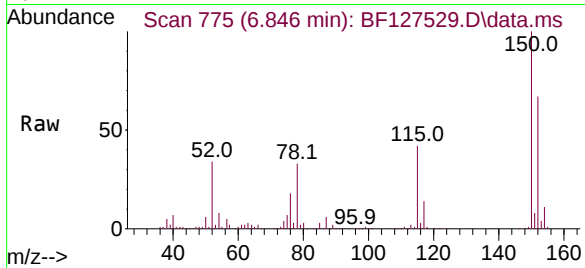
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.846 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF127529.D
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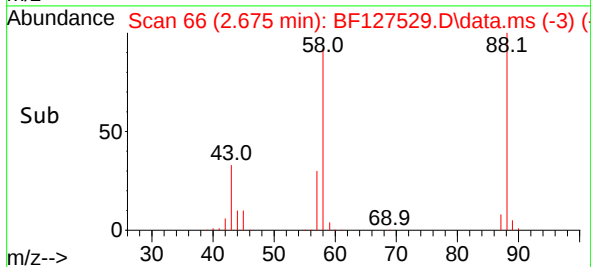
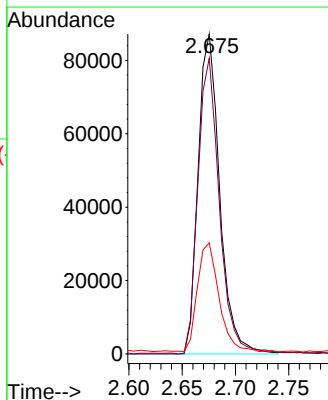
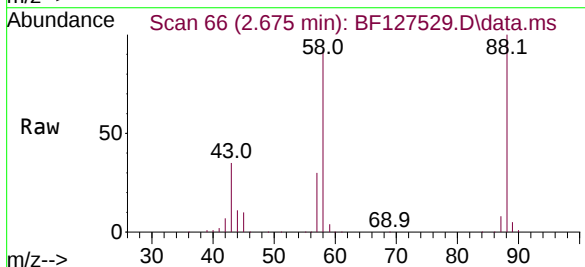
Instrument :
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 WC-20220322MSD

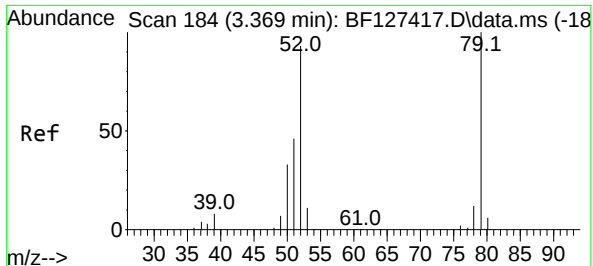
Tgt Ion:152 Resp: 96037
 Ion Ratio Lower Upper
 152 100
 150 149.4 117.2 175.8
 115 63.1 49.8 74.6



#2
 1,4-Dioxane
 Concen: 46.646 ng
 RT: 2.675 min Scan# 66
 Delta R.T. 0.071 min
 Lab File: BF127529.D
 Acq: 25 Mar 2022 16:48

Tgt Ion: 88 Resp: 123262
 Ion Ratio Lower Upper
 88 100
 58 92.1 77.0 115.4
 43 33.4 31.3 46.9

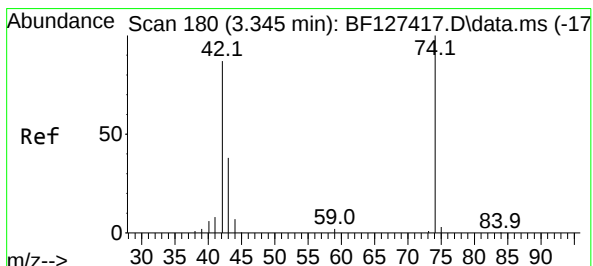
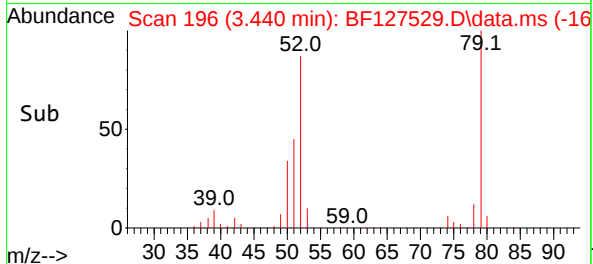
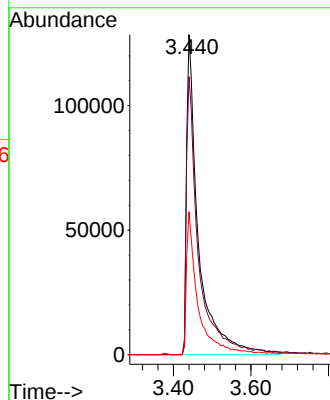
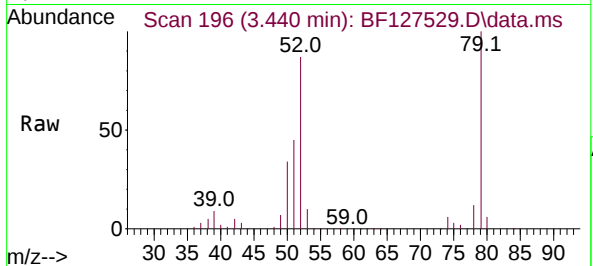




#3
Pyridine
Concen: 36.888 ng
RT: 3.440 min Scan# 196
Delta R.T. 0.071 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

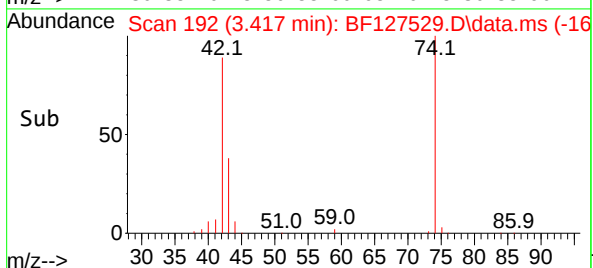
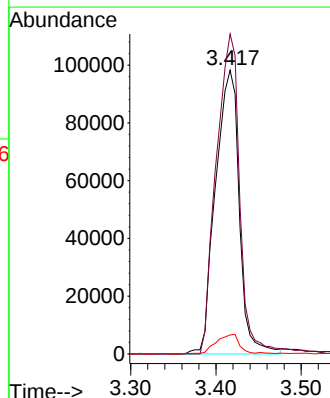
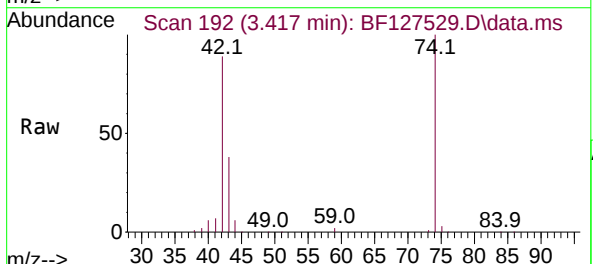
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ClientSampleId :
WC-20220322MSD

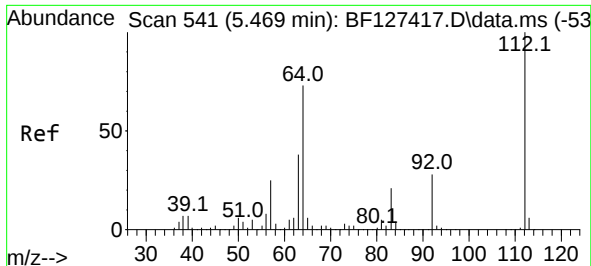
Tgt Ion: 79 Resp: 275122
Ion Ratio Lower Upper
79 100
52 86.9 74.2 111.4
51 44.7 36.7 55.1



#4
n-Nitrosodimethylamine
Concen: 46.423 ng
RT: 3.417 min Scan# 192
Delta R.T. 0.071 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

Tgt Ion: 42 Resp: 190103
Ion Ratio Lower Upper
42 100
74 112.8 92.4 138.6
44 6.7 6.0 9.0

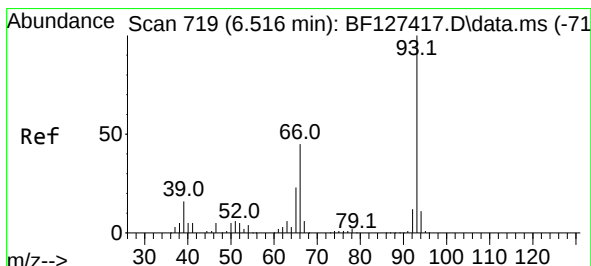
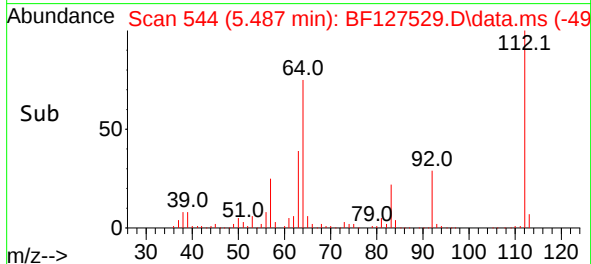
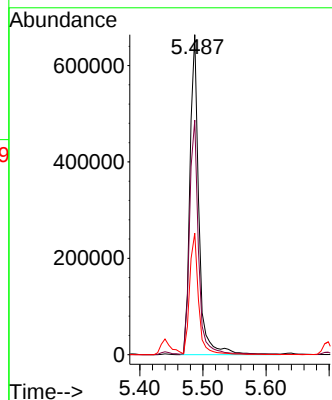
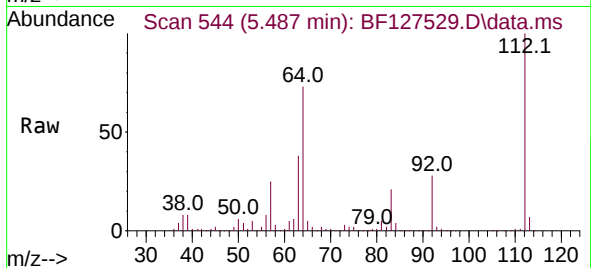




#5
2-Fluorophenol
Concen: 109.223 ng
RT: 5.487 min Scan# 541
Delta R.T. 0.018 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

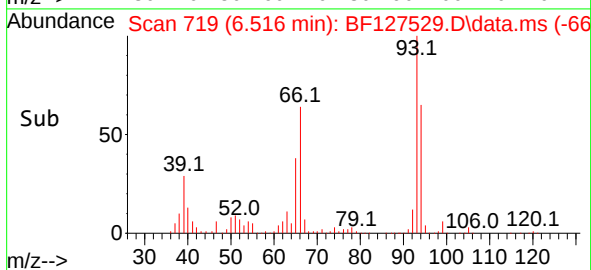
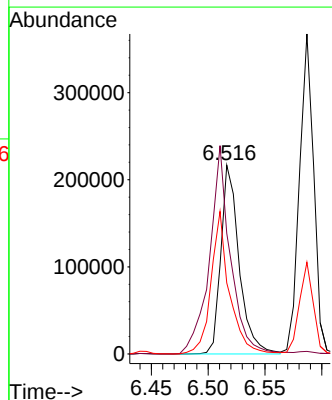
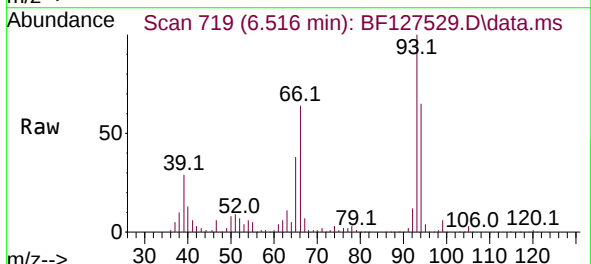
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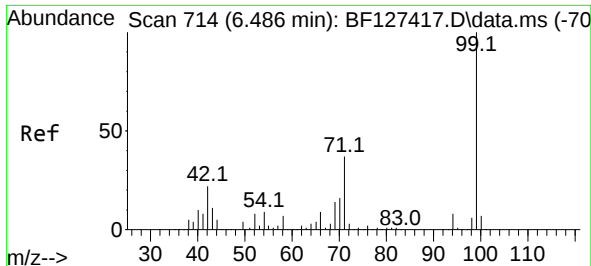
Tgt Ion:112 Resp: 657145
Ion Ratio Lower Upper
112 100
64 73.3 58.4 87.6
63 38.0 30.1 45.1



#6
Aniline
Concen: 24.757 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

Tgt Ion: 93 Resp: 242973
Ion Ratio Lower Upper
93 100
66 63.9 36.2 54.4#
65 37.6 18.4 27.6#

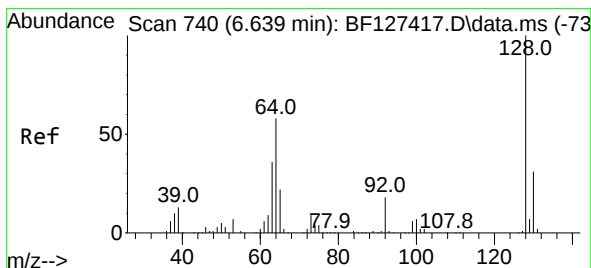
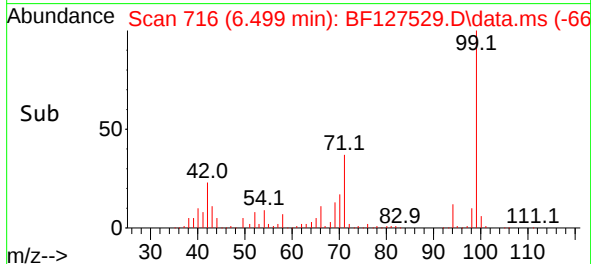
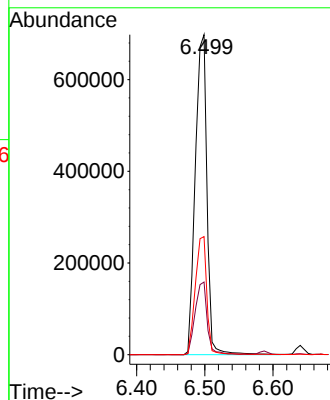
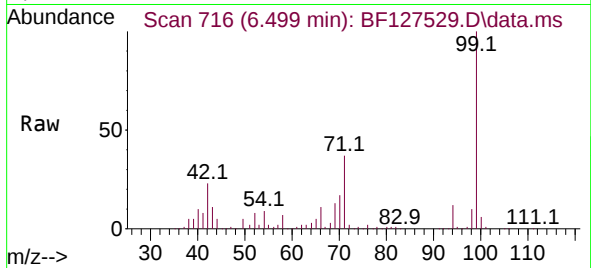




#7
Phenol-d6
Concen: 100.551 ng
RT: 6.499 min Scan# 714
Delta R.T. 0.012 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

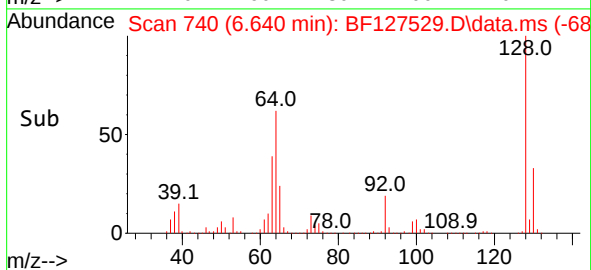
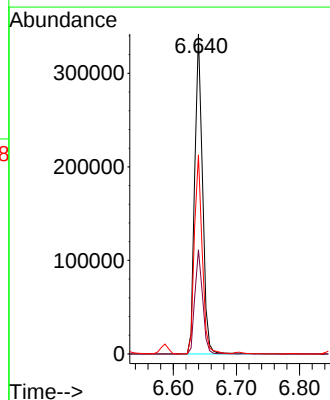
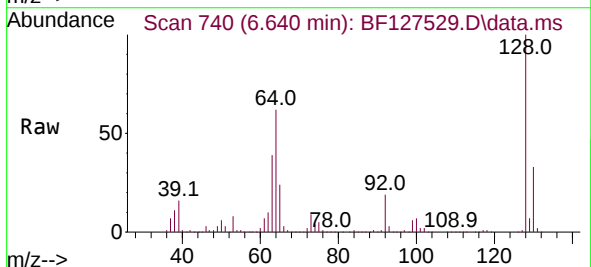
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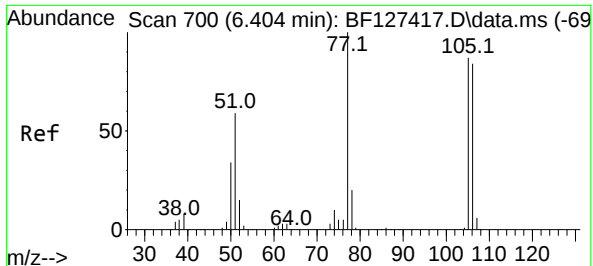
Tgt Ion: 99 Resp: 826947
Ion Ratio Lower Upper
99 100
42 22.7 17.8 26.6
71 36.9 29.6 44.4



#8
2-Chlorophenol
Concen: 47.795 ng
RT: 6.640 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

Tgt Ion:128 Resp: 293860
Ion Ratio Lower Upper
128 100
130 32.6 11.3 51.3
64 62.2 38.4 78.4

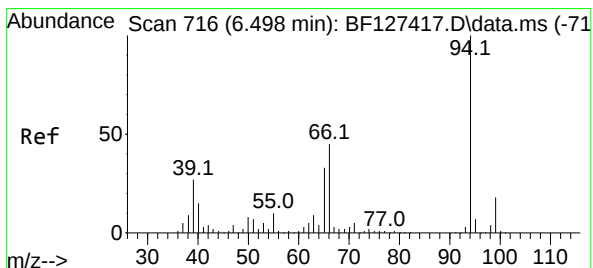
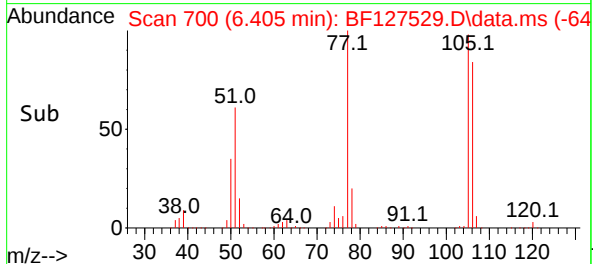
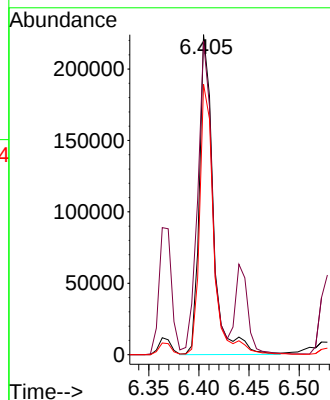
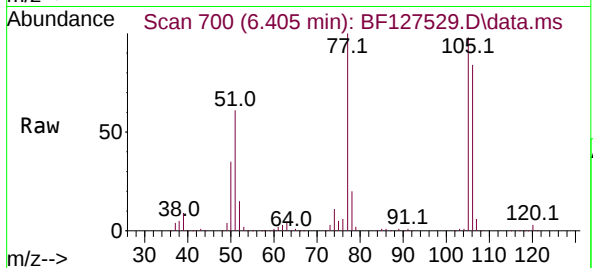




#9
Benzaldehyde
Concen: 53.735 ng
RT: 6.405 min Scan# 700
Delta R.T. 0.001 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

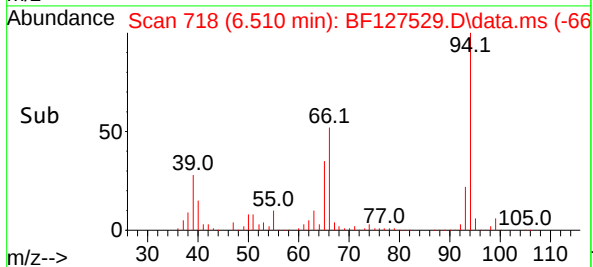
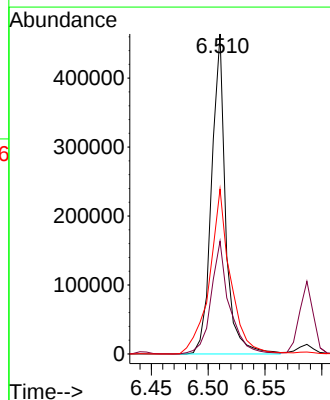
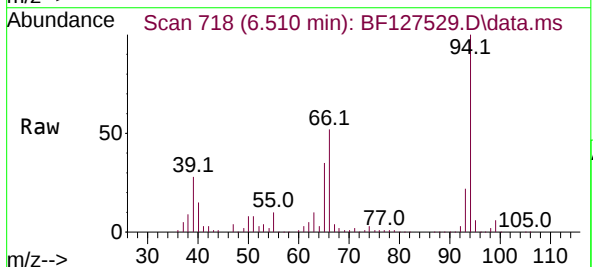
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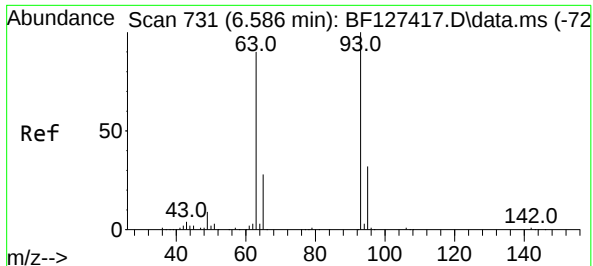
Tgt Ion: 77 Resp: 216693
Ion Ratio Lower Upper
77 100
105 98.1 66.8 106.8
106 84.5 64.3 104.3



#10
Phenol
Concen: 44.516 ng
RT: 6.510 min Scan# 718
Delta R.T. 0.012 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

Tgt Ion: 94 Resp: 398703
Ion Ratio Lower Upper
94 100
65 35.3 13.1 53.1
66 51.6 24.9 64.9

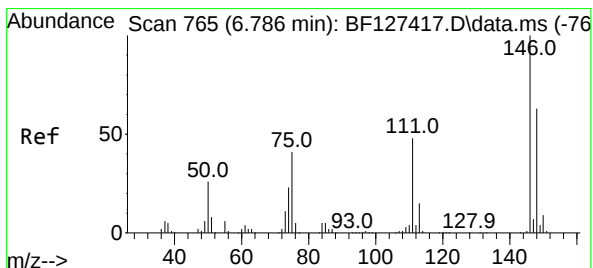
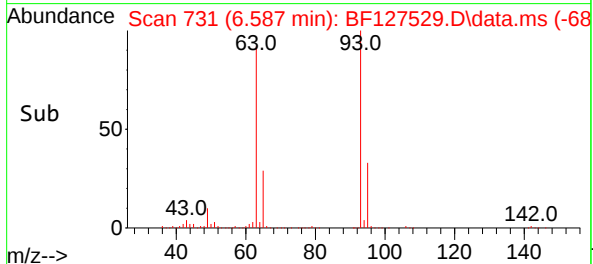
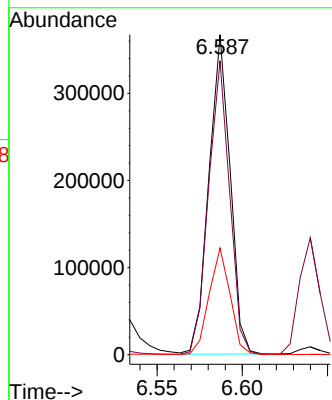
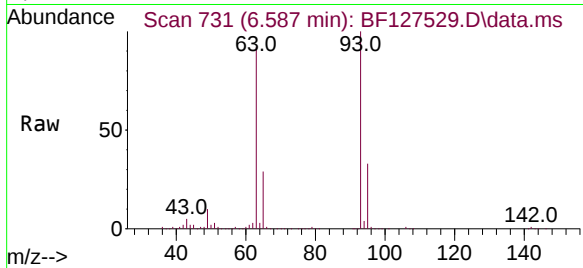




#11
bis(2-Chloroethyl)ether
Concen: 48.620 ng
RT: 6.587 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

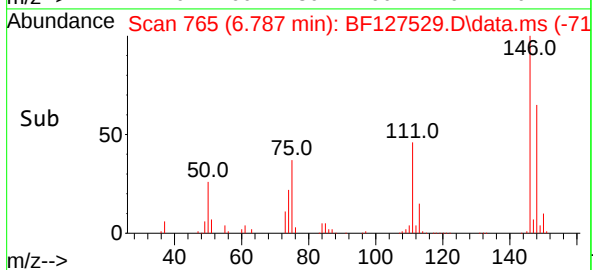
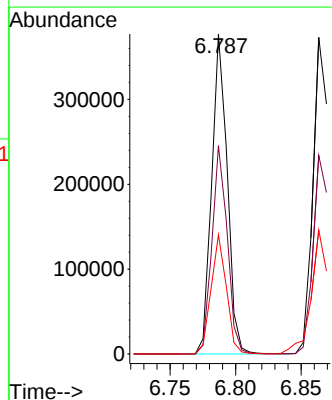
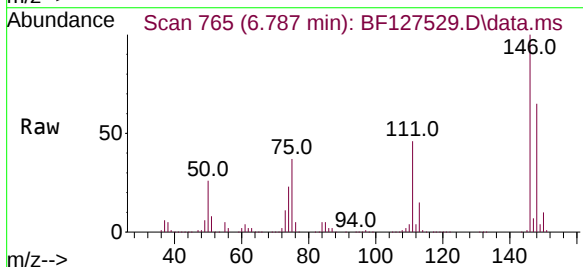
Instrument :
BNA_F
ClientSampleId :
WC-20220322MSD

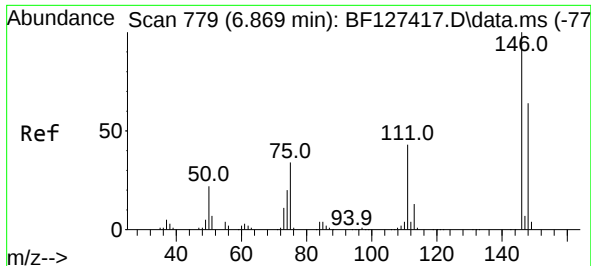
Tgt Ion: 93 Resp: 318634
Ion Ratio Lower Upper
93 100
63 91.8 69.6 109.6
95 33.3 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 44.914 ng
RT: 6.787 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

Tgt Ion:146 Resp: 310593
Ion Ratio Lower Upper
146 100
148 65.1 50.6 76.0
75 37.3 32.4 48.6





#13

1,4-Dichlorobenzene

Concen: 45.967 ng

RT: 6.863 min Scan# 71

Delta R.T. -0.005 min

Lab File: BF127529.D

Acq: 25 Mar 2022 16:48

Instrument :

BNA_F

ClientSampleId :

WC-20220322MSD

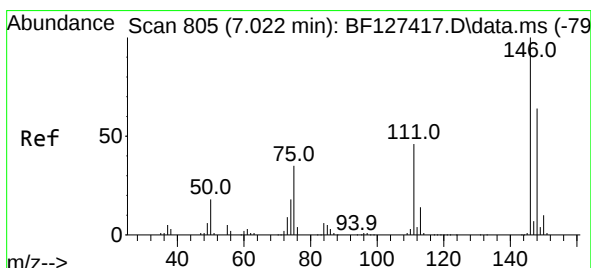
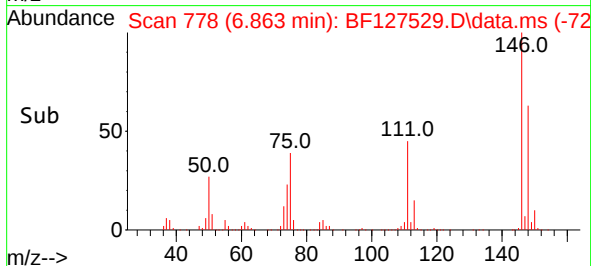
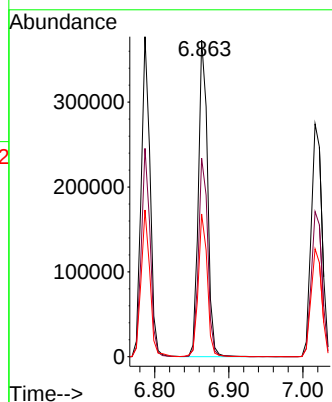
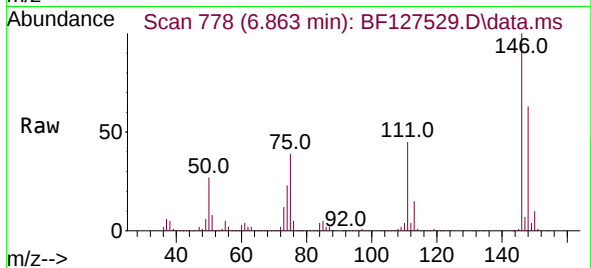
Tgt Ion:146 Resp: 319745

Ion Ratio Lower Upper

146 100

148 62.7 51.3 76.9

111 45.1 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 40.787 ng

RT: 7.016 min Scan# 804

Delta R.T. -0.006 min

Lab File: BF127529.D

Acq: 25 Mar 2022 16:48

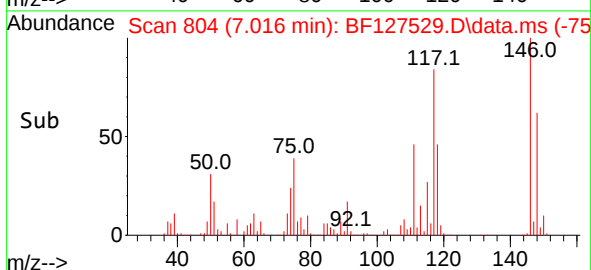
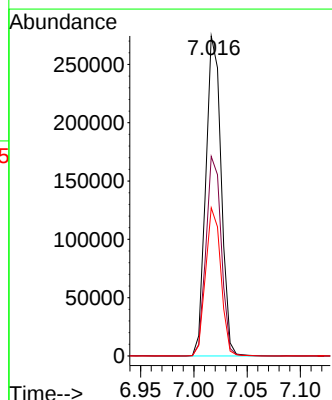
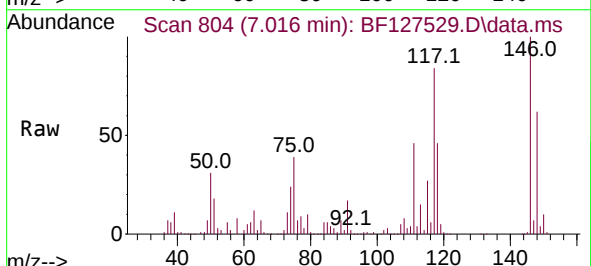
Tgt Ion:146 Resp: 276327

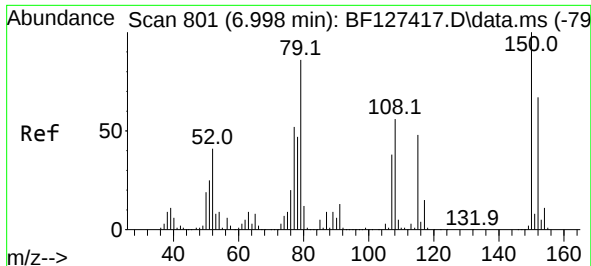
Ion Ratio Lower Upper

146 100

148 62.4 51.4 77.2

111 46.3 36.4 54.6

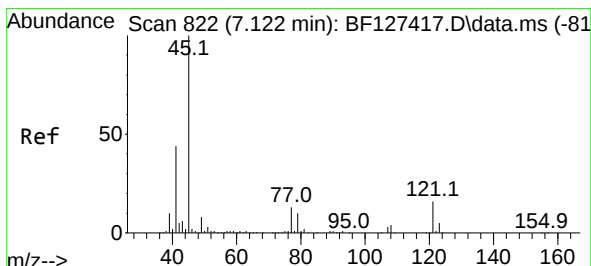
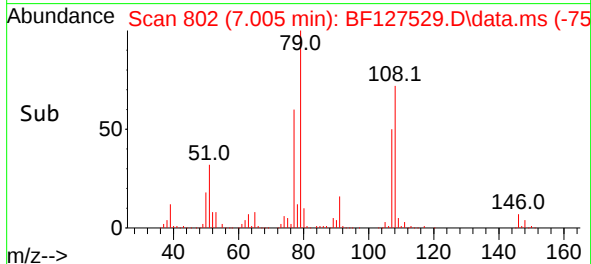
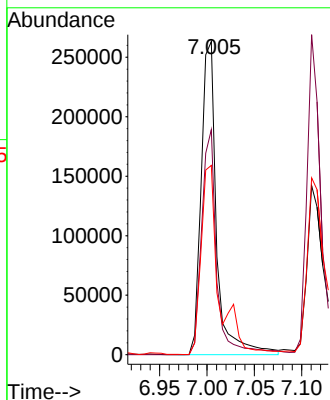
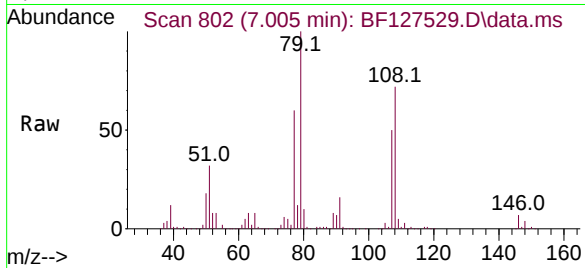




#15
Benzyl Alcohol
Concen: 50.170 ng
RT: 7.005 min Scan# 801
Delta R.T. 0.006 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

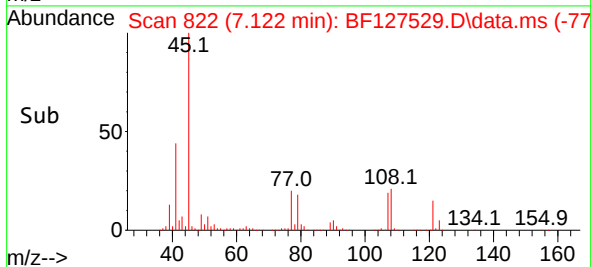
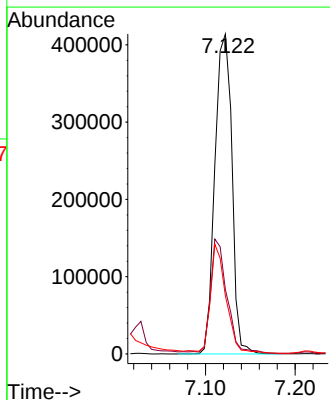
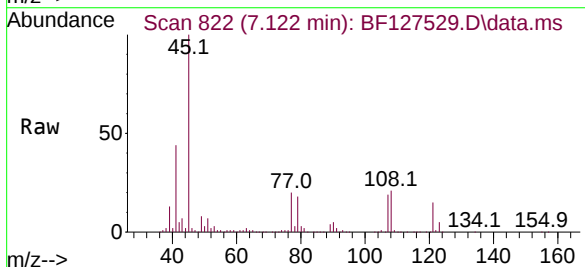
Instrument :
BNA_F
ClientSampleId :
WC-20220322MSD

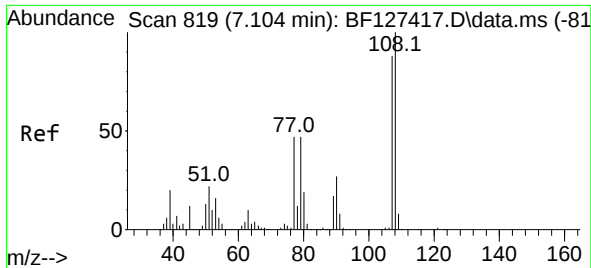
Tgt Ion: 79 Resp: 299857
Ion Ratio Lower Upper
79 100
108 71.9 52.2 78.2
77 60.5 48.3 72.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.212 ng
RT: 7.122 min Scan# 822
Delta R.T. 0.000 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

Tgt Ion: 45 Resp: 544977
Ion Ratio Lower Upper
45 100
77 20.0 0.0 32.9
79 18.1 0.0 29.9

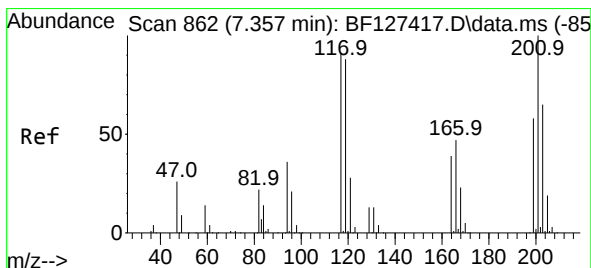
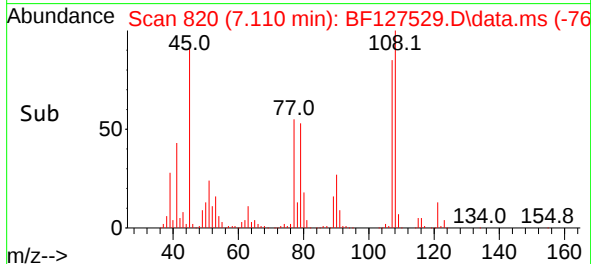
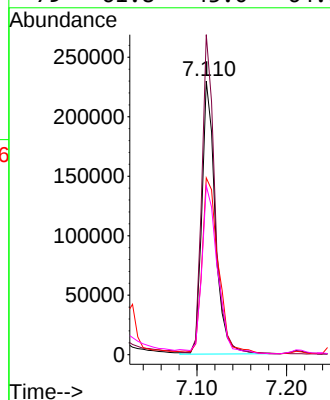
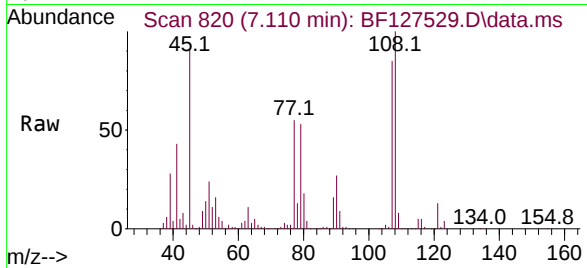




#17
2-Methylphenol
Concen: 45.863 ng
RT: 7.110 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

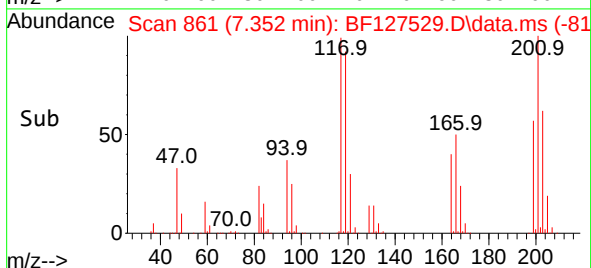
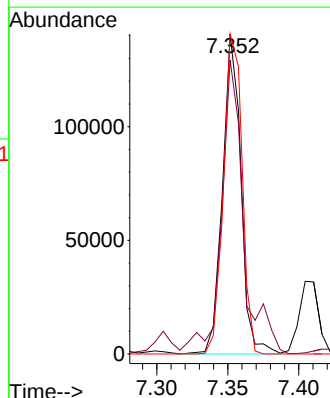
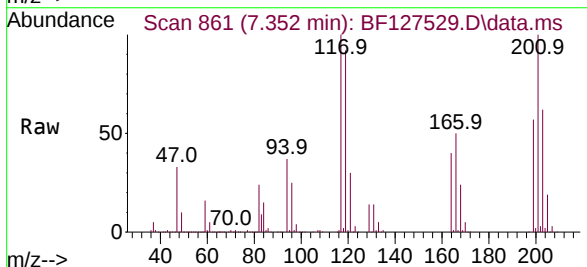
Instrument :
BNA_F
ClientSampleId :
WC-20220322MSD

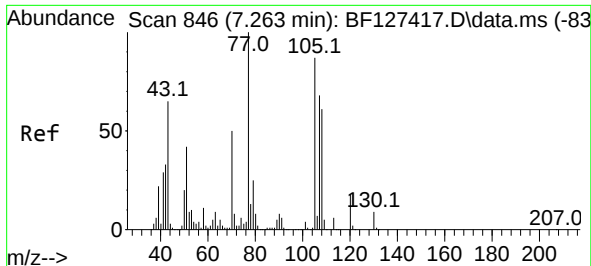
Tgt Ion:107 Resp: 237971
Ion Ratio Lower Upper
107 100
108 117.0 90.7 136.1
77 64.6 42.9 64.3#
79 61.8 43.0 64.6



#18
Hexachloroethane
Concen: 49.782 ng
RT: 7.352 min Scan# 861
Delta R.T. -0.005 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

Tgt Ion:117 Resp: 126773
Ion Ratio Lower Upper
117 100
119 91.9 77.6 116.4
201 100.1 88.2 132.2

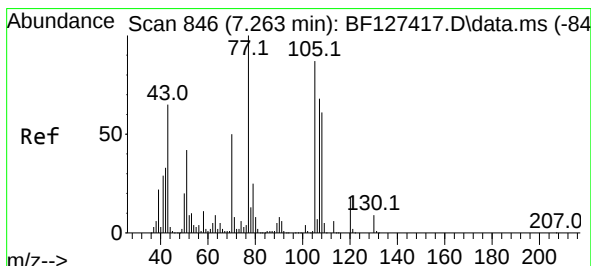
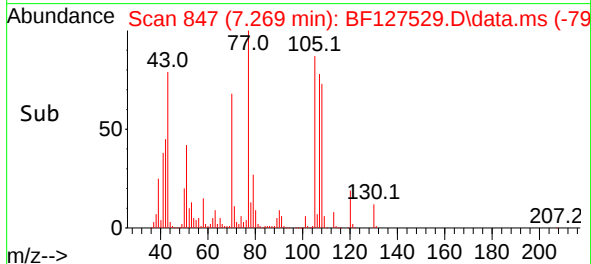
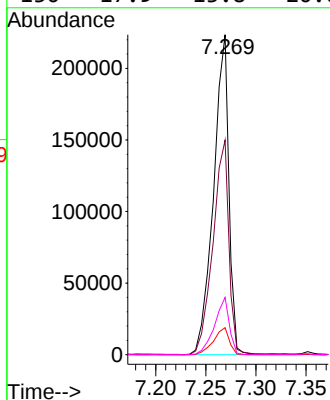
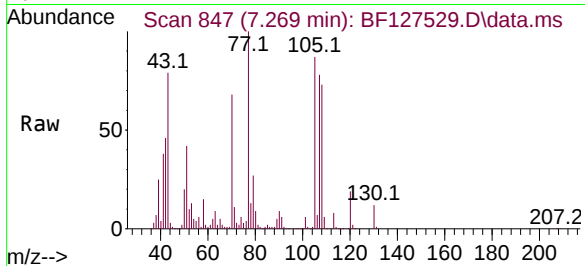




#19
n-Nitroso-di-n-propylamine
Concen: 48.194 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

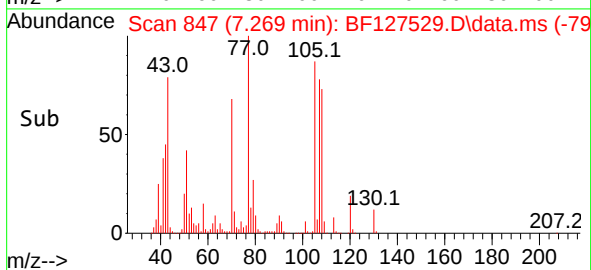
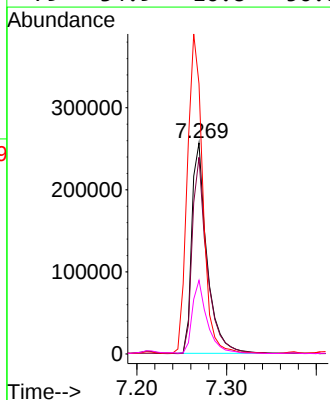
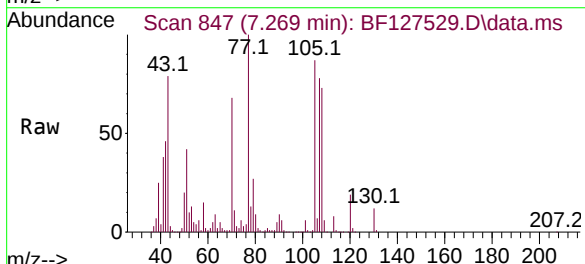
Instrument :
BNA_F
ClientSampleId :
WC-20220322MSD

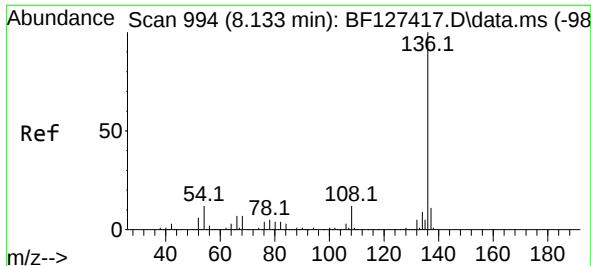
Tgt Ion: 70 Resp: 237583
Ion Ratio Lower Upper
70 100
42 67.0 53.0 79.6
101 8.4 6.8 10.2
130 17.9 13.8 20.6



#20
3+4-Methylphenols
Concen: 46.885 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

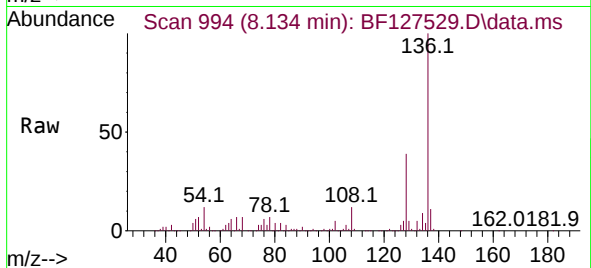
Tgt Ion:107 Resp: 300058
Ion Ratio Lower Upper
107 100
108 93.1 70.7 110.7
77 128.0 127.9 167.9
79 34.9 16.8 56.8



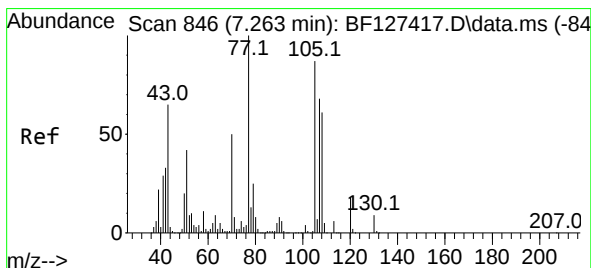
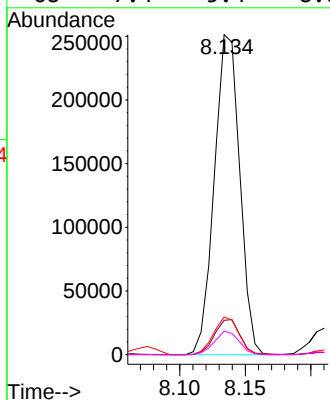
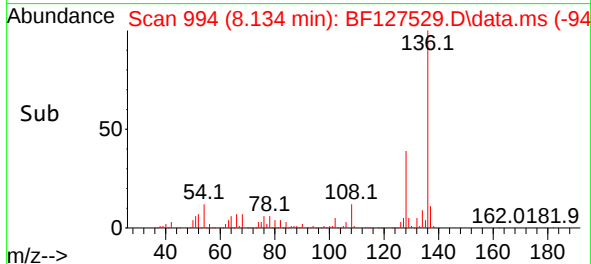


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

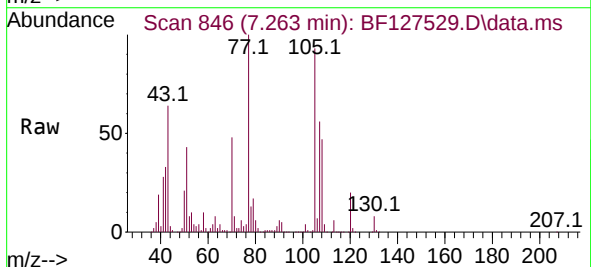
Instrument :
BNA_F
ClientSampleId :
WC-20220322MSD



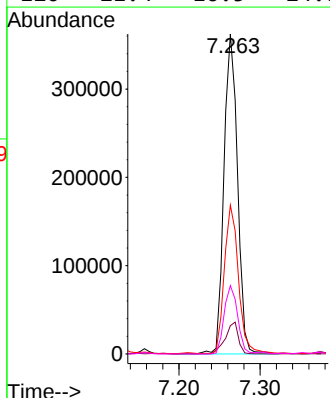
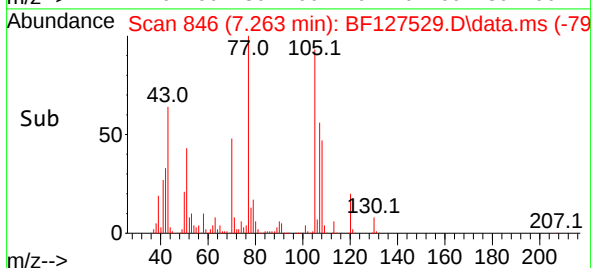
Tgt Ion:136 Resp: 338365
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 11.7 9.2 13.8
68 7.4 5.4 8.0

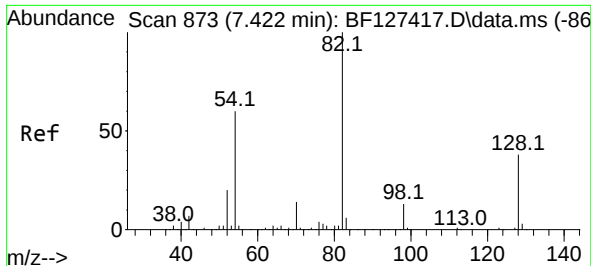


#22
Acetophenone
Concen: 48.787 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48



Tgt Ion:105 Resp: 421979
Ion Ratio Lower Upper
105 100
71 8.8 7.3 10.9
51 46.5 38.8 58.2
120 21.4 16.5 24.7





#23

Nitrobenzene-d5

Concen: 82.965 ng

RT: 7.422 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF127529.D

Acq: 25 Mar 2022 16:48

Instrument :

BNA_F

ClientSampleId :

WC-20220322MSD

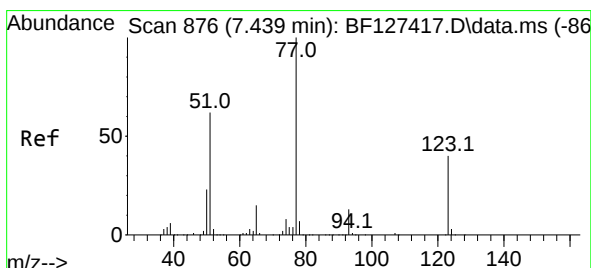
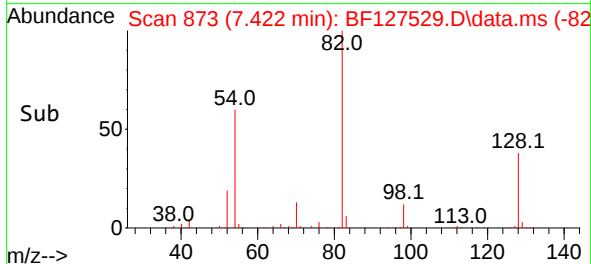
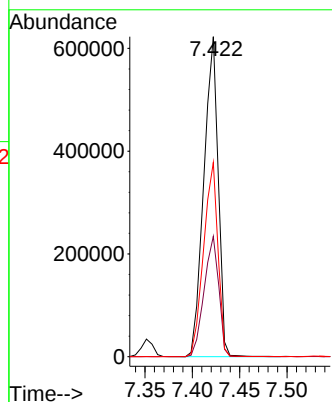
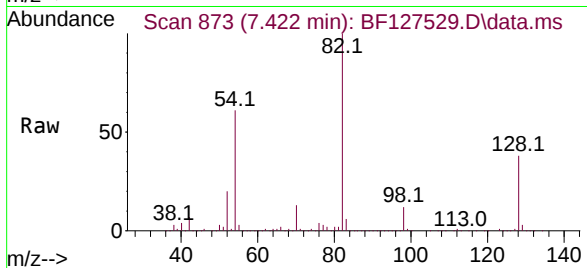
Tgt Ion: 82 Resp: 656732

Ion Ratio Lower Upper

82 100

128 37.6 30.6 45.8

54 60.7 48.2 72.2



#24

Nitrobenzene

Concen: 48.968 ng

RT: 7.440 min Scan# 876

Delta R.T. 0.000 min

Lab File: BF127529.D

Acq: 25 Mar 2022 16:48

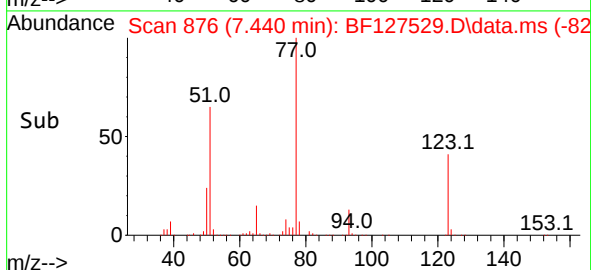
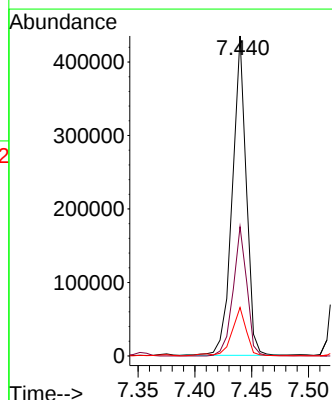
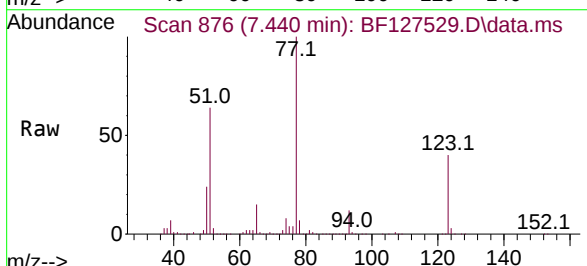
Tgt Ion: 77 Resp: 369664

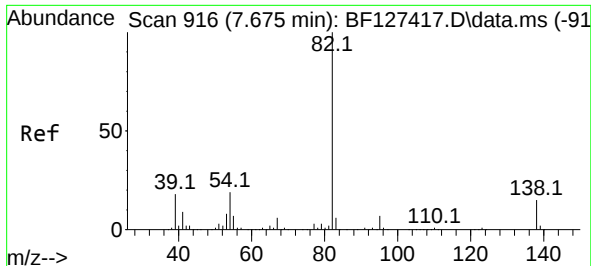
Ion Ratio Lower Upper

77 100

123 40.4 32.0 48.0

65 15.2 12.2 18.2

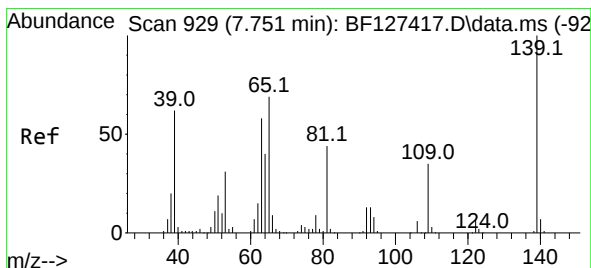
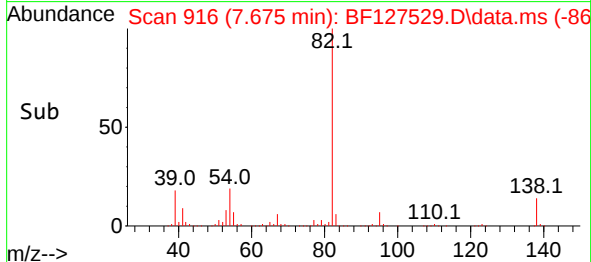
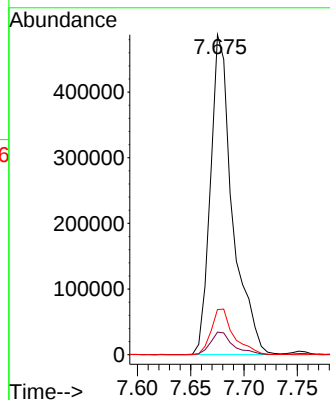
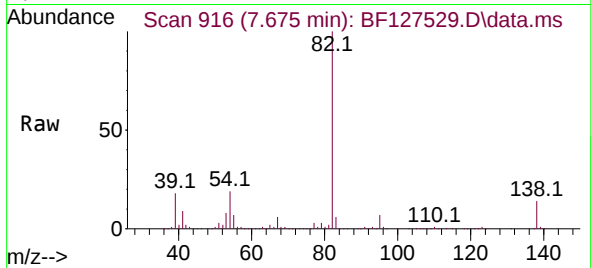




#25
Isophorone
Concen: 55.498 ng
RT: 7.675 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

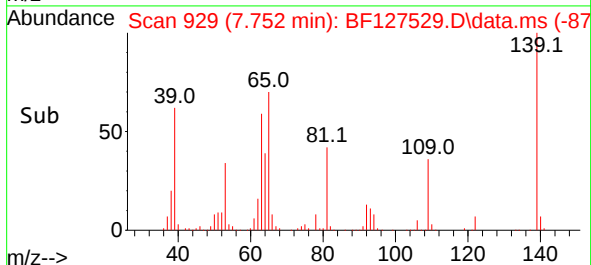
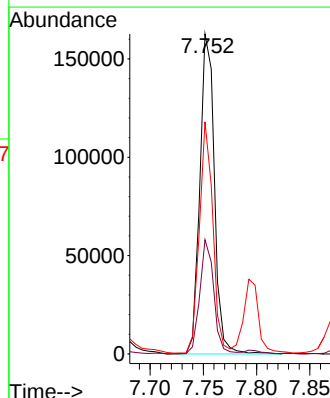
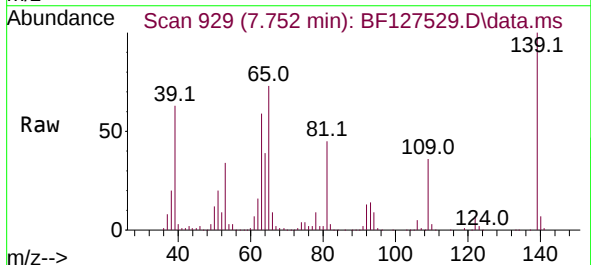
Instrument :
BNA_F
ClientSampleId :
WC-20220322MSD

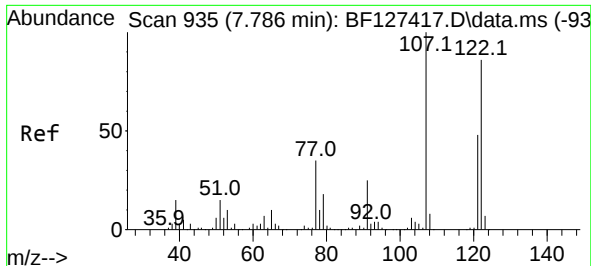
Tgt Ion: 82 Resp: 699690
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.8
138 14.1 11.6 17.4



#26
2-Nitrophenol
Concen: 48.966 ng
RT: 7.752 min Scan# 929
Delta R.T. 0.000 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

Tgt Ion: 139 Resp: 155032
Ion Ratio Lower Upper
139 100
109 35.7 28.2 42.2
65 72.5 55.3 82.9

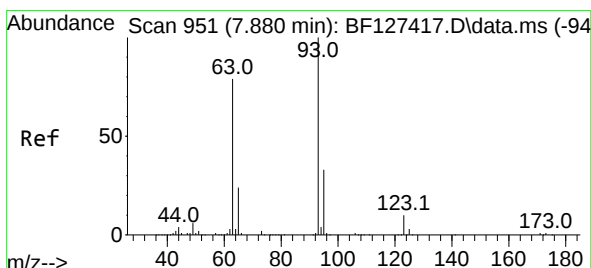
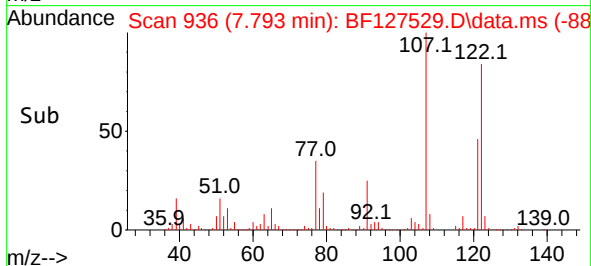
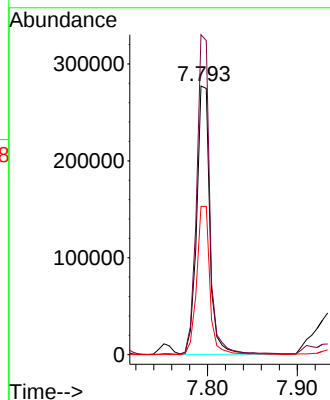
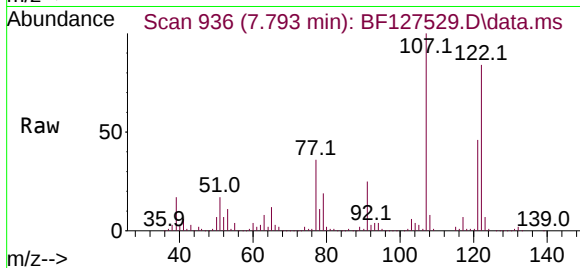




#27
2,4-Dimethylphenol
Concen: 58.928 ng
RT: 7.793 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

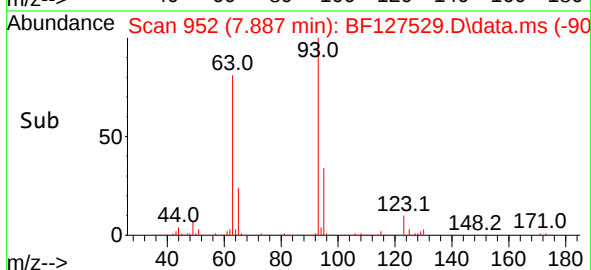
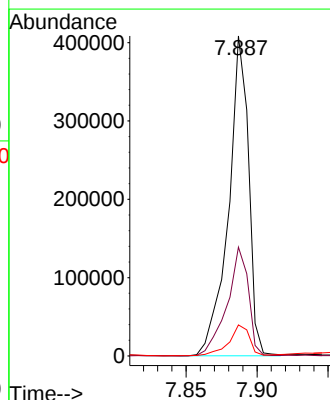
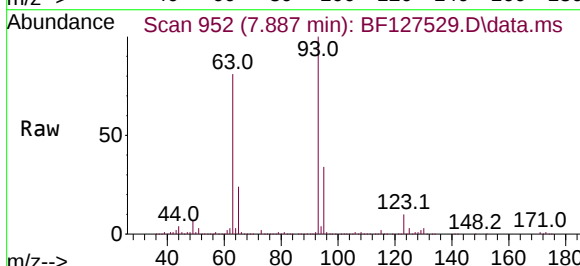
Instrument :
BNA_F
ClientSampleId :
WC-20220322MSD

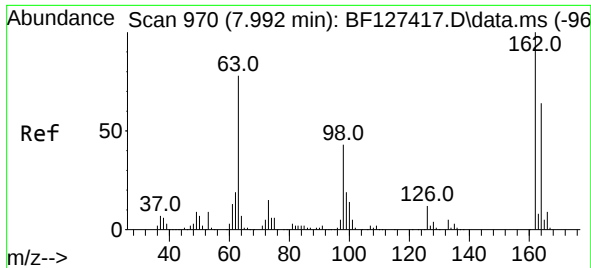
Tgt Ion:122 Resp: 280649
Ion Ratio Lower Upper
122 100
107 119.1 93.0 139.4
121 55.2 44.9 67.3



#28
bis(2-Chloroethoxy)methane
Concen: 49.062 ng
RT: 7.887 min Scan# 952
Delta R.T. 0.006 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

Tgt Ion: 93 Resp: 401815
Ion Ratio Lower Upper
93 100
95 34.0 26.3 39.5
123 9.7 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 47.844 ng

RT: 8.004 min Scan# 91

Delta R.T. 0.012 min

Lab File: BF127529.D

Acq: 25 Mar 2022 16:48

Instrument :

BNA_F

ClientSampleId :

WC-20220322MSD

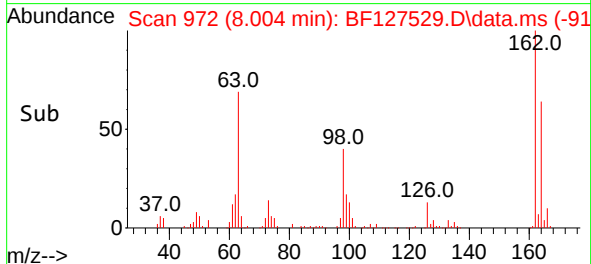
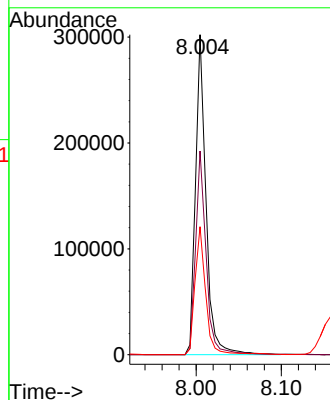
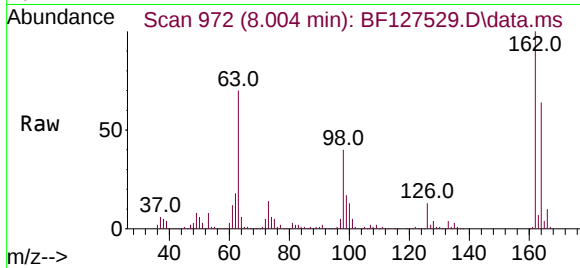
Tgt Ion:162 Resp: 258675

Ion Ratio Lower Upper

162 100

164 63.7 43.7 83.7

98 40.0 23.5 63.5



#30

1,2,4-Trichlorobenzene

Concen: 46.698 ng

RT: 8.075 min Scan# 984

Delta R.T. 0.000 min

Lab File: BF127529.D

Acq: 25 Mar 2022 16:48

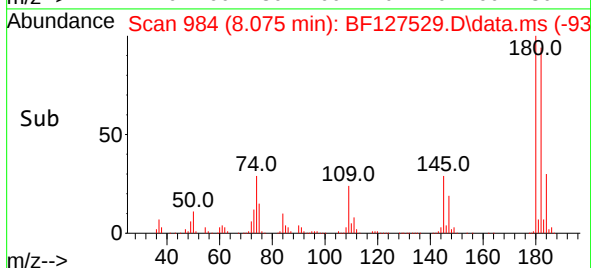
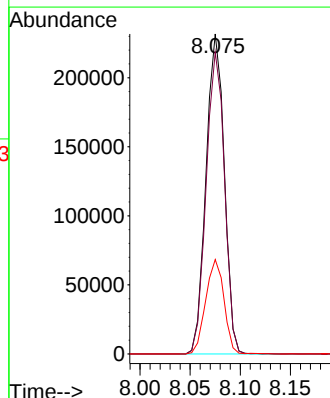
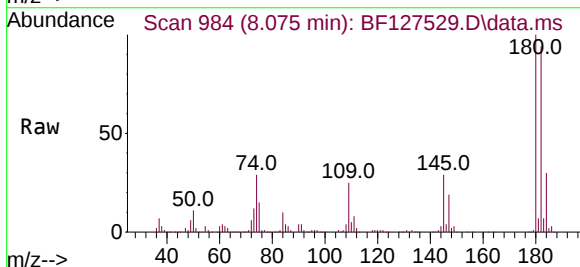
Tgt Ion:180 Resp: 294206

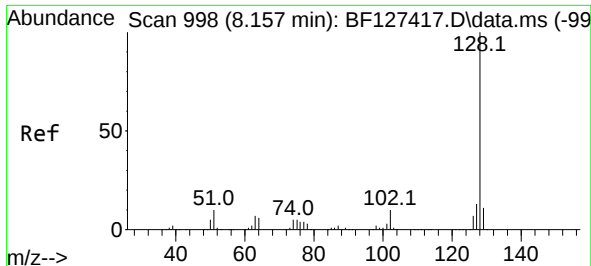
Ion Ratio Lower Upper

180 100

182 94.3 73.8 110.6

145 29.5 23.3 34.9

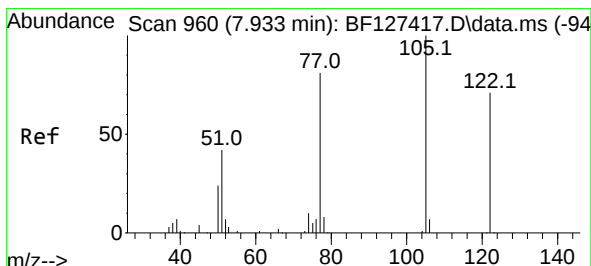
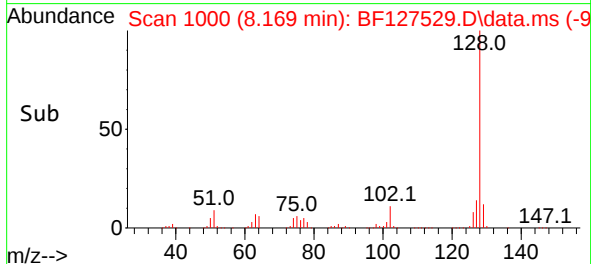
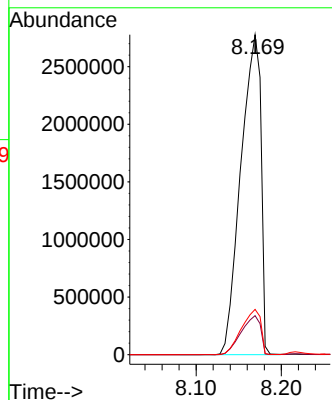
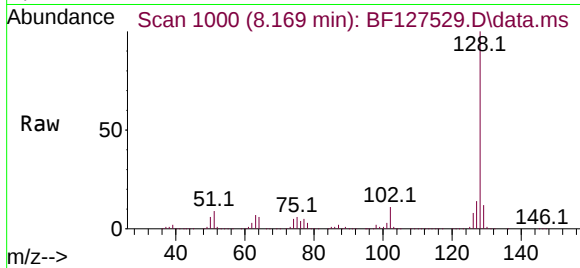




#31
Naphthalene
Concen: 253.032 ng
RT: 8.169 min Scan# 1000
Delta R.T. 0.012 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

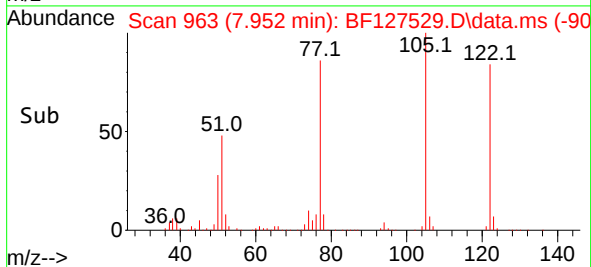
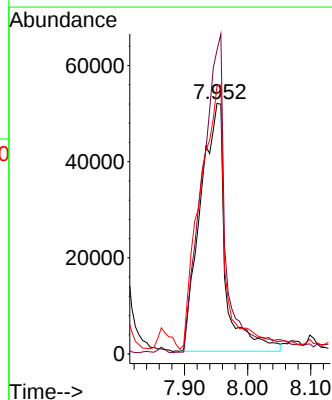
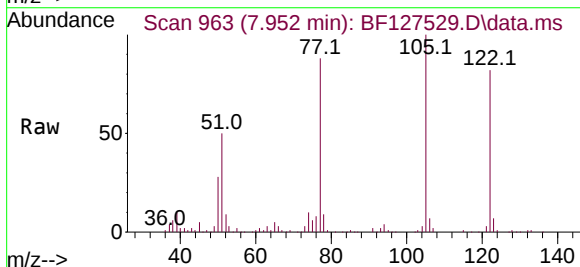
Instrument :
BNA_F
ClientSampleId :
WC-20220322MSD

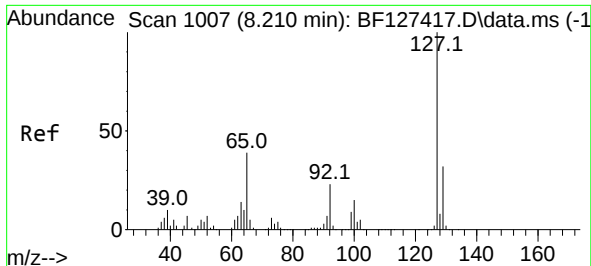
Tgt Ion:128 Resp: 4545542
Ion Ratio Lower Upper
128 100
129 12.2 8.4 12.6
127 14.1 10.2 15.2



#32
Benzoic acid
Concen: 51.592 ng
RT: 7.952 min Scan# 963
Delta R.T. 0.019 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

Tgt Ion:122 Resp: 142631
Ion Ratio Lower Upper
122 100
105 121.3 117.1 157.1
77 107.1 93.0 133.0





#33

4-Chloroaniline

Concen: 5.558 ng

RT: 8.216 min Scan# 1007

Delta R.T. 0.006 min

Lab File: BF127529.D

Acq: 25 Mar 2022 16:48

Instrument :

BNA_F

ClientSampleId :

WC-20220322MSD

Tgt Ion:127 Resp: 38694

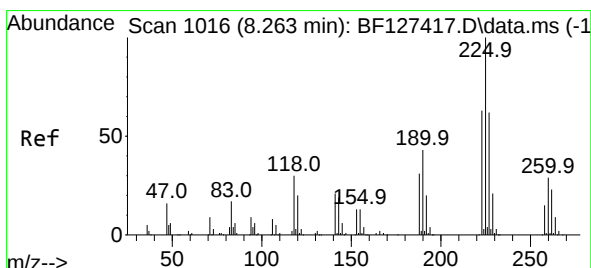
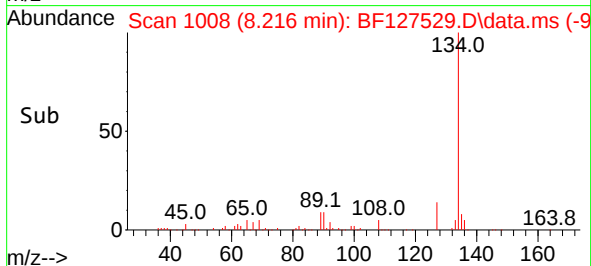
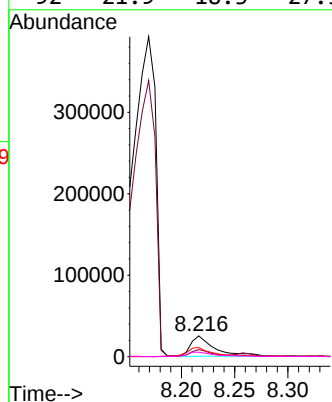
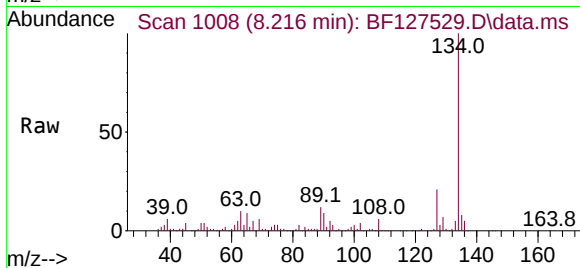
Ion Ratio Lower Upper

127 100

129 34.1 25.9 38.9

65 44.0 31.4 47.0

92 21.9 18.3 27.5



#34

Hexachlorobutadiene

Concen: 44.928 ng

RT: 8.263 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF127529.D

Acq: 25 Mar 2022 16:48

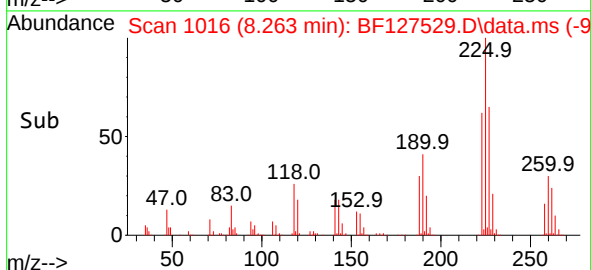
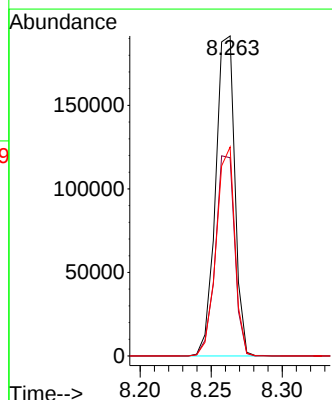
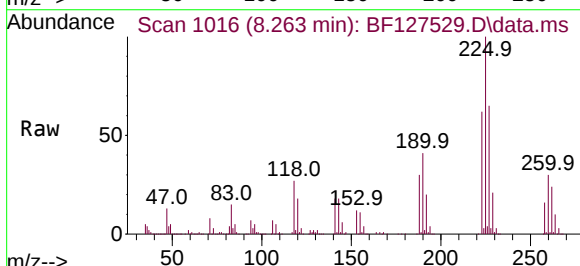
Tgt Ion:225 Resp: 179743

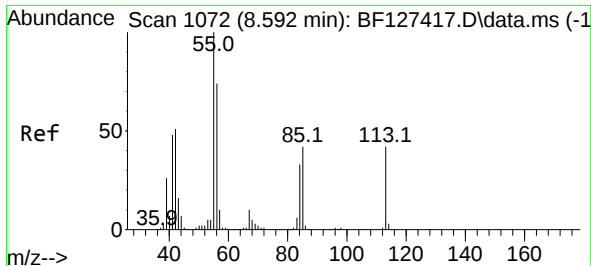
Ion Ratio Lower Upper

225 100

223 62.0 50.6 76.0

227 65.3 49.6 74.4

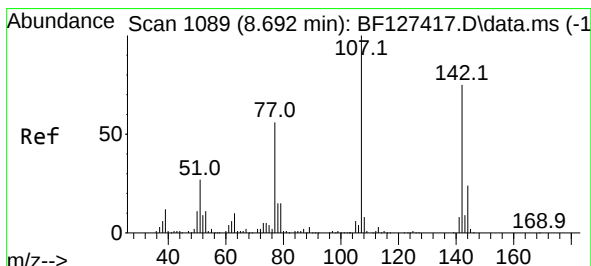
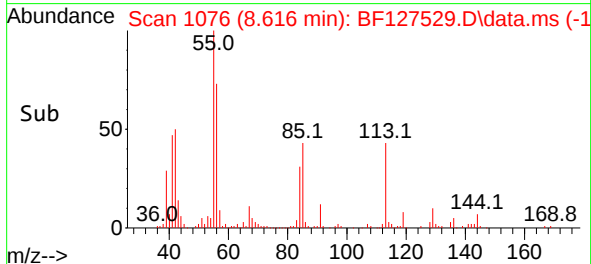
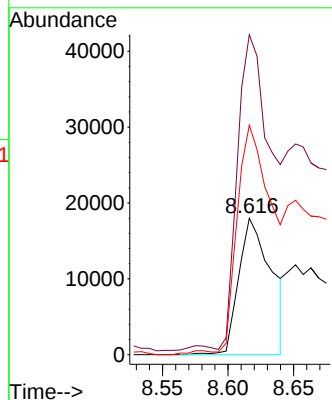
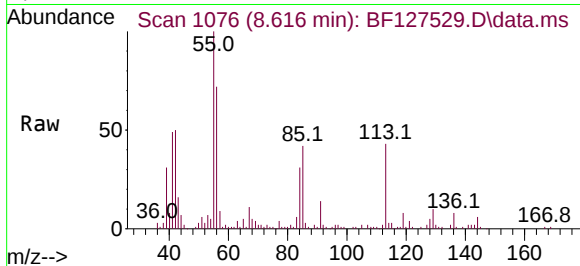




#35
 Caprolactam
 Concen: 18.556 ng
 RT: 8.616 min Scan# 1076
 Delta R.T. 0.024 min
 Lab File: BF127529.D
 Acq: 25 Mar 2022 16:48

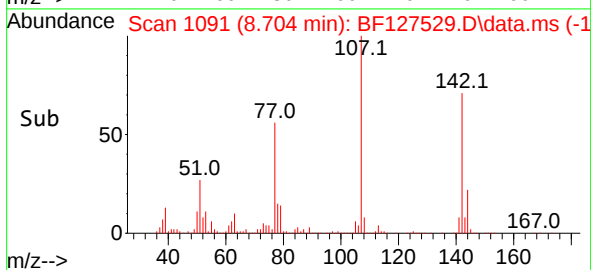
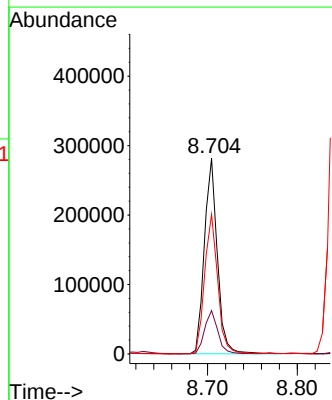
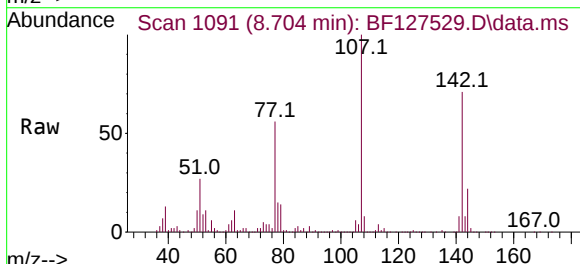
Instrument :
 BNA_F
 ClientSampleId :
 WC-20220322MSD

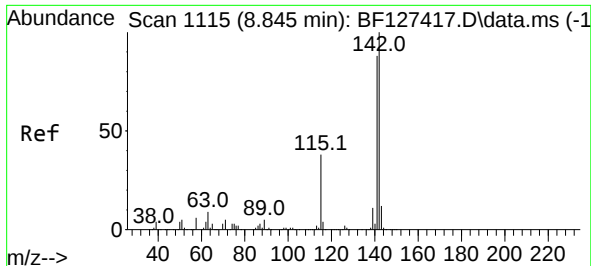
Tgt Ion:113 Resp: 30929
 Ion Ratio Lower Upper
 113 100
 55 234.6 218.7 258.7
 56 168.2 156.2 196.2



#36
 4-Chloro-3-methylphenol
 Concen: 48.119 ng
 RT: 8.704 min Scan# 1091
 Delta R.T. 0.012 min
 Lab File: BF127529.D
 Acq: 25 Mar 2022 16:48

Tgt Ion:107 Resp: 282267
 Ion Ratio Lower Upper
 107 100
 144 22.2 19.3 28.9
 142 71.4 59.8 89.8





#37

2-Methylnaphthalene

Concen: 72.730 ng

RT: 8.846 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BF127529.D

Acq: 25 Mar 2022 16:48

Instrument :

BNA_F

ClientSampleId :

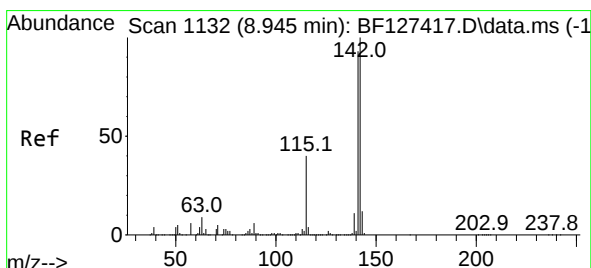
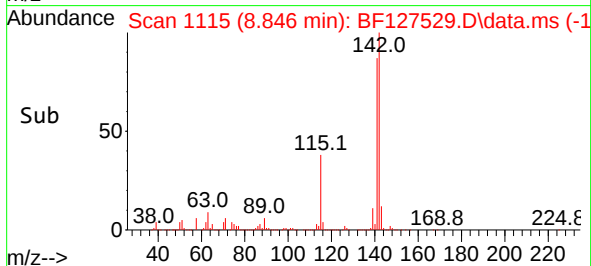
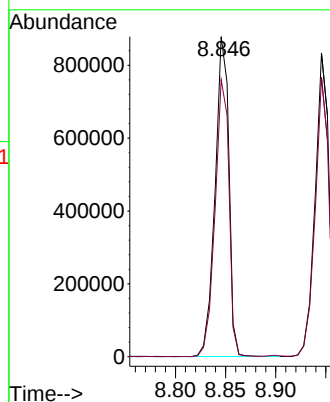
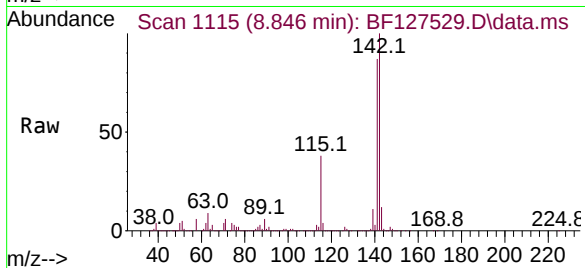
WC-20220322MSD

Tgt Ion:142 Resp: 840116

Ion Ratio Lower Upper

142 100

141 86.6 70.6 106.0



#38

1-Methylnaphthalene

Concen: 68.217 ng

RT: 8.946 min Scan# 1132

Delta R.T. 0.000 min

Lab File: BF127529.D

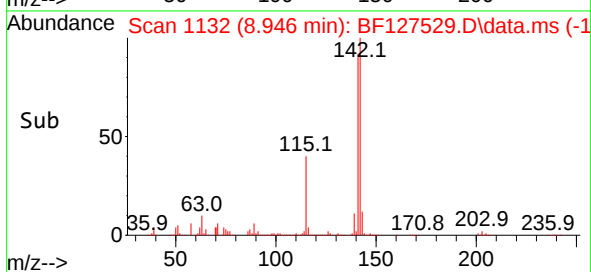
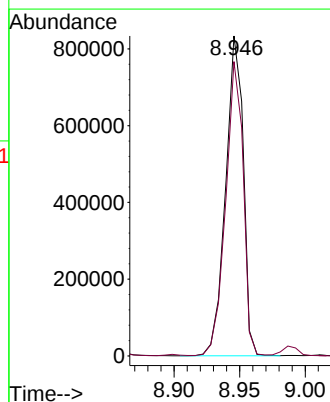
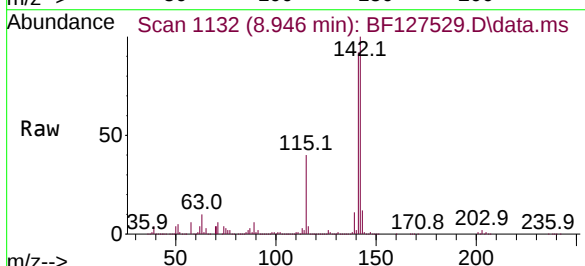
Acq: 25 Mar 2022 16:48

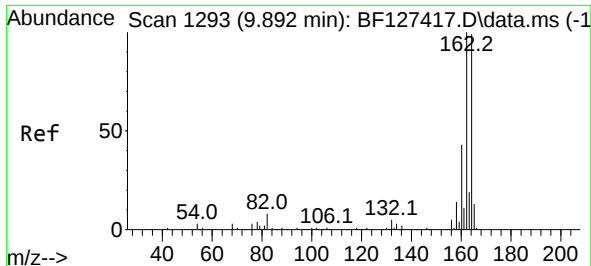
Tgt Ion:142 Resp: 779185

Ion Ratio Lower Upper

142 100

141 92.0 74.2 111.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.887 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF127529.D

Acq: 25 Mar 2022 16:48

Instrument :

BNA_F

ClientSampleId :

WC-20220322MSD

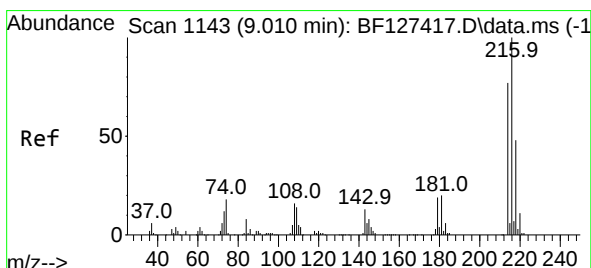
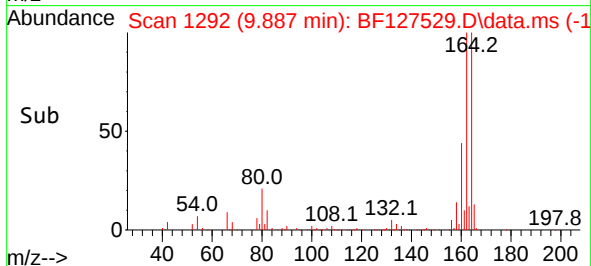
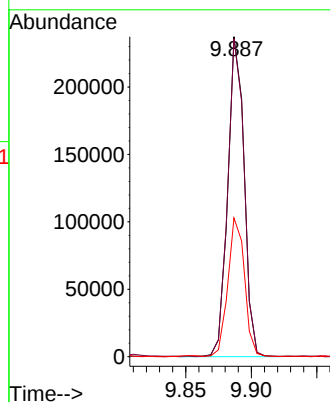
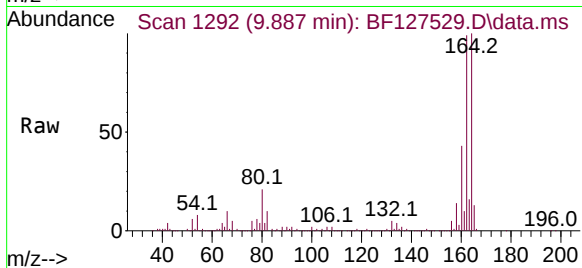
Tgt Ion:164 Resp: 205487

Ion Ratio Lower Upper

164 100

162 99.4 81.2 121.8

160 43.3 34.6 52.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.992 ng

RT: 9.010 min Scan# 1143

Delta R.T. 0.000 min

Lab File: BF127529.D

Acq: 25 Mar 2022 16:48

Tgt Ion:216 Resp: 287428

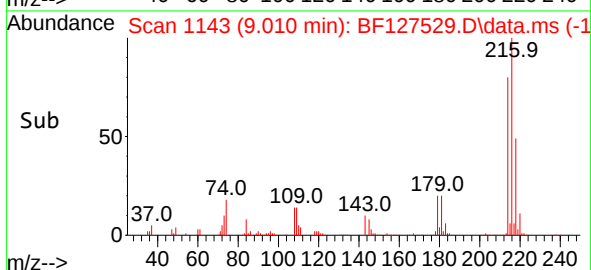
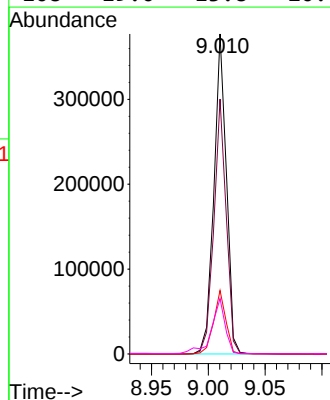
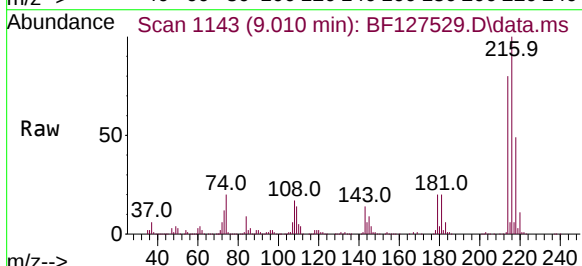
Ion Ratio Lower Upper

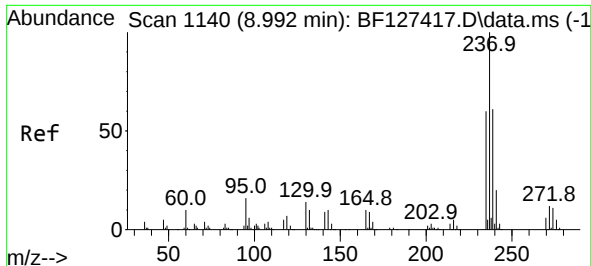
216 100

214 78.9 63.0 94.4

179 19.5 15.5 23.3

108 19.0 13.8 20.6

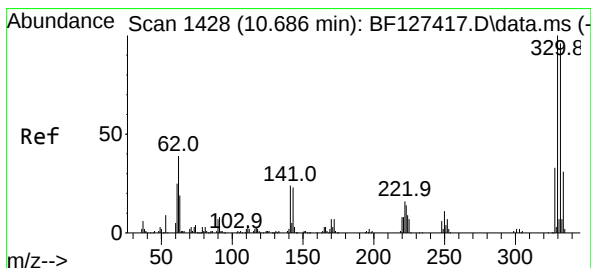
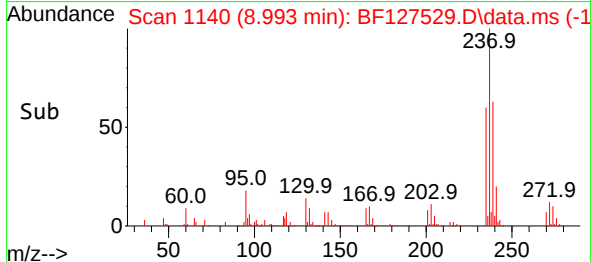
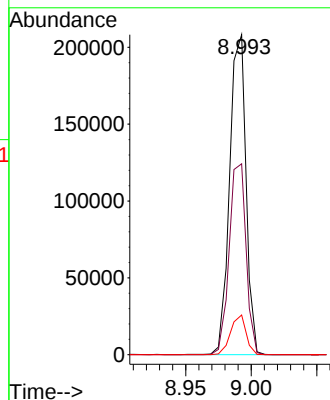
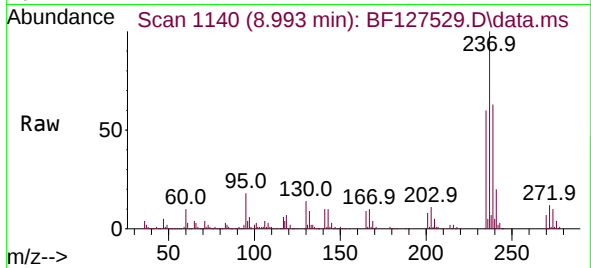




#41
Hexachlorocyclopentadiene
Concen: 80.126 ng
RT: 8.993 min Scan# 1140
Delta R.T. 0.001 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

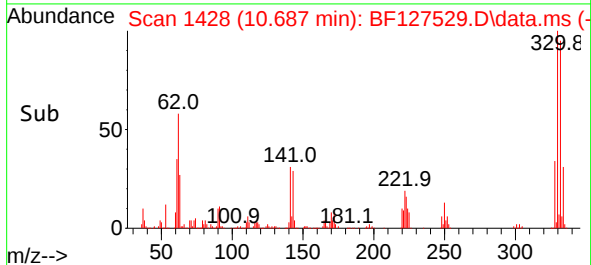
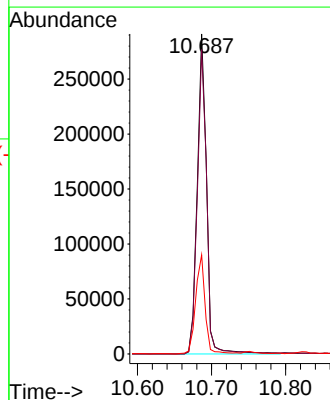
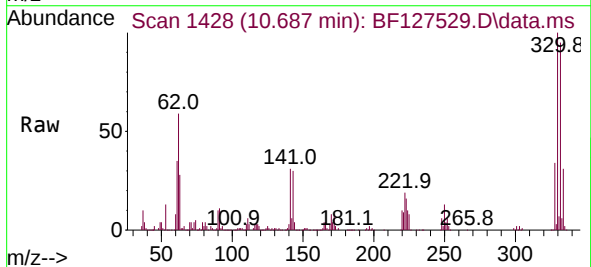
Instrument :
BNA_F
ClientSampleId :
WC-20220322MSD

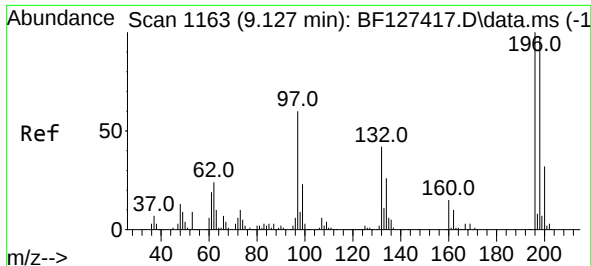
Tgt Ion:237 Resp: 180907
Ion Ratio Lower Upper
237 100
235 59.6 40.4 80.4
272 12.4 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 114.784 ng
RT: 10.687 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

Tgt Ion:330 Resp: 251257
Ion Ratio Lower Upper
330 100
332 96.3 79.1 118.7
141 31.7 26.2 39.4

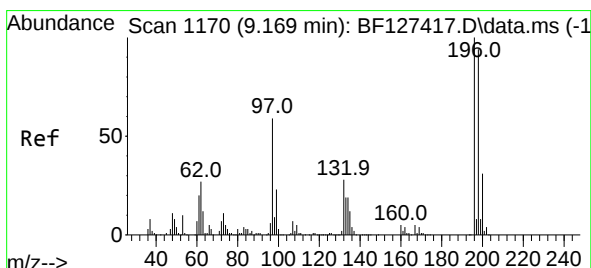
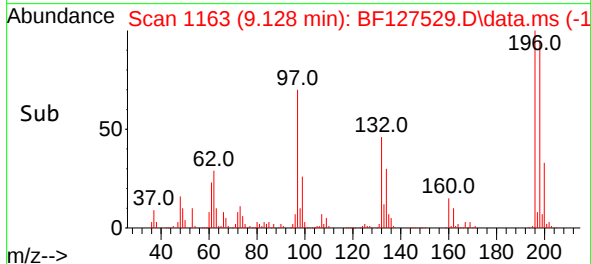
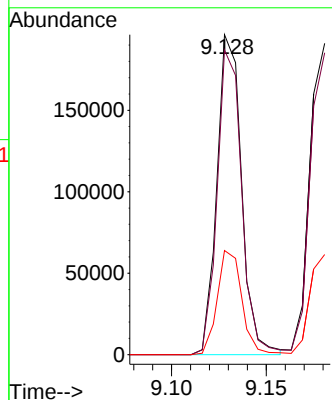
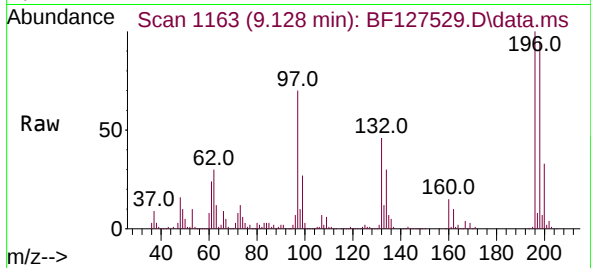




#43
2,4,6-Trichlorophenol
Concen: 45.054 ng
RT: 9.128 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

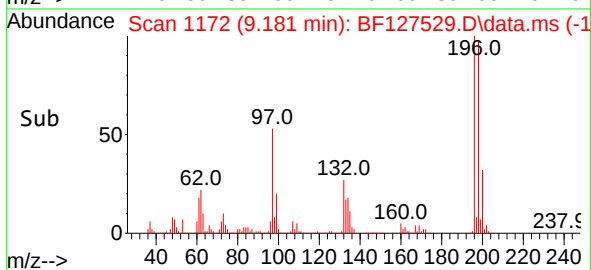
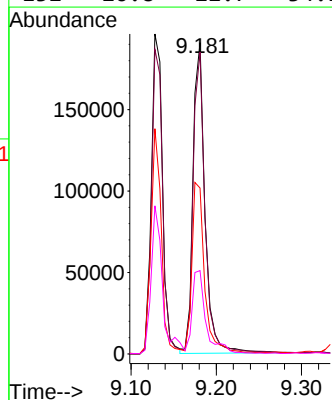
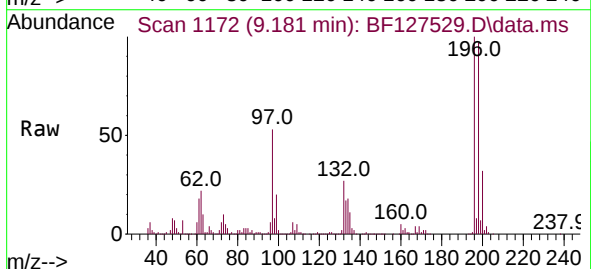
Instrument :
BNA_F
ClientSampleId :
WC-20220322MSD

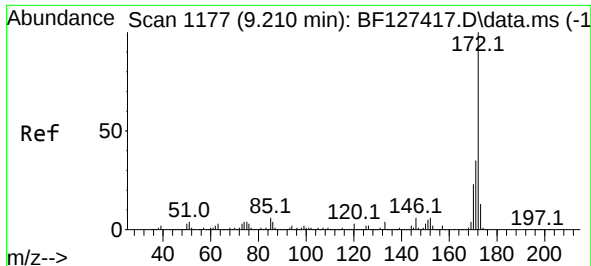
Tgt Ion:196 Resp: 177935
Ion Ratio Lower Upper
196 100
198 95.2 77.8 116.6
200 32.6 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 45.896 ng
RT: 9.181 min Scan# 1172
Delta R.T. 0.012 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

Tgt Ion:196 Resp: 186587
Ion Ratio Lower Upper
196 100
198 97.0 75.3 112.9
97 53.3 46.8 70.2
132 26.8 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 76.406 ng

RT: 9.210 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF127529.D

Acq: 25 Mar 2022 16:48

Instrument :

BNA_F

ClientSampleId :

WC-20220322MSD

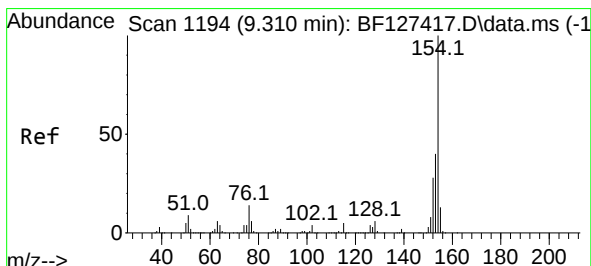
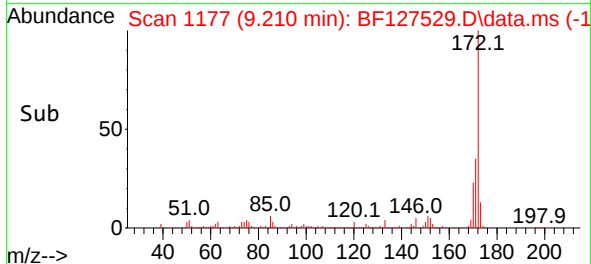
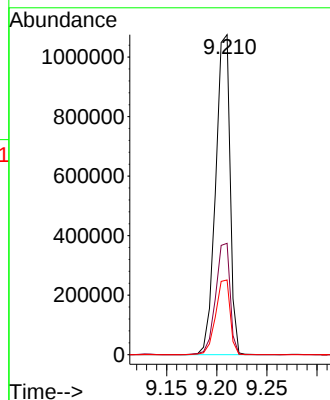
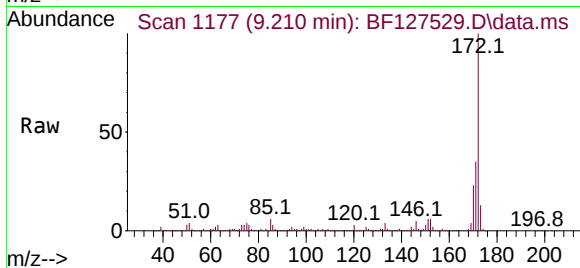
Tgt Ion:172 Resp: 1075201

Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 23.4 18.6 27.8



#46

1,1'-Biphenyl

Concen: 46.108 ng

RT: 9.310 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF127529.D

Acq: 25 Mar 2022 16:48

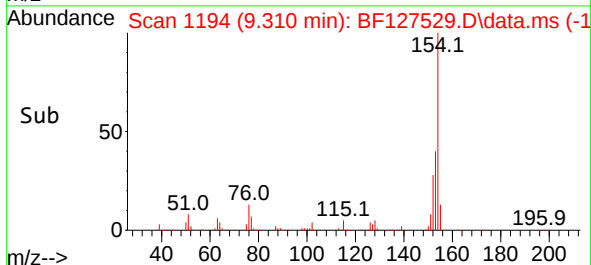
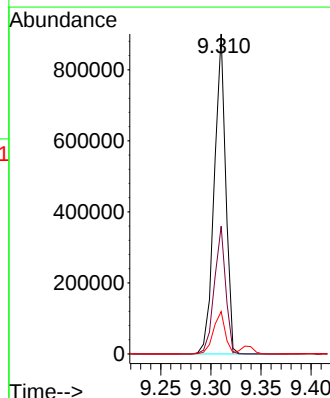
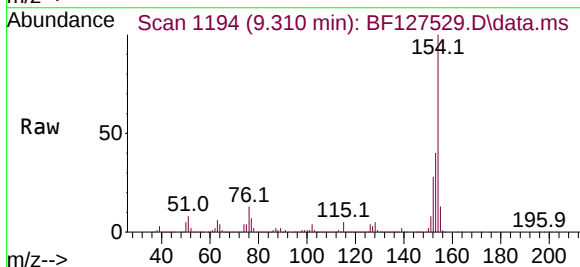
Tgt Ion:154 Resp: 715586

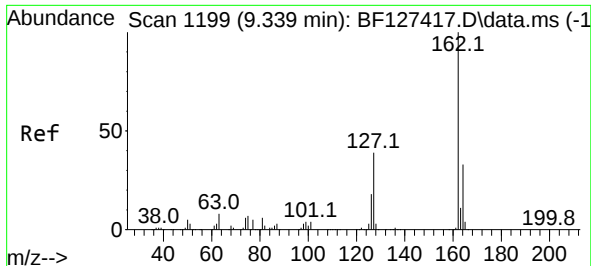
Ion Ratio Lower Upper

154 100

153 39.9 20.3 60.3

76 13.3 0.0 33.9

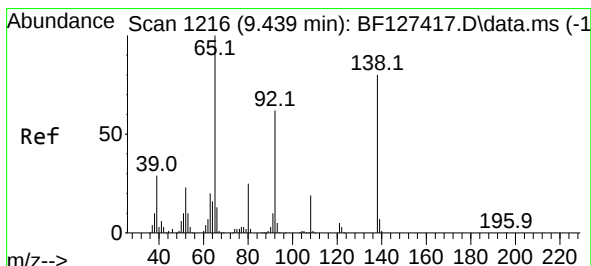
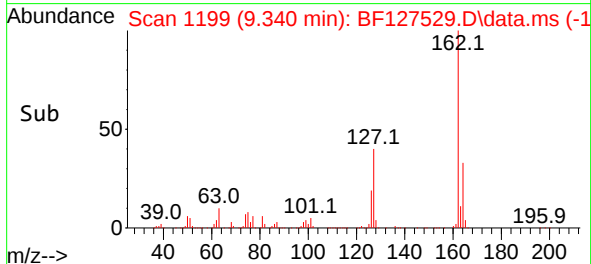
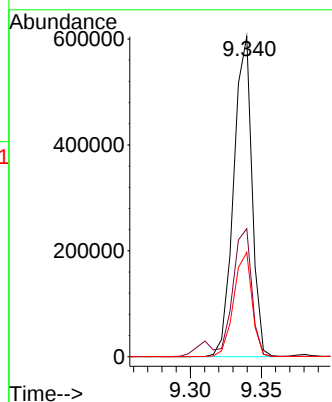
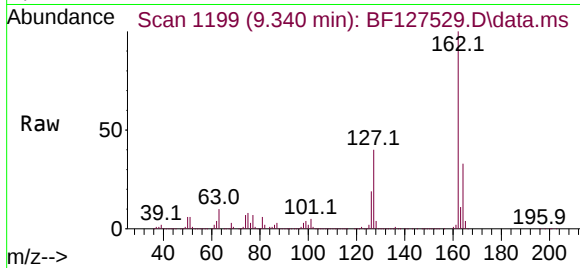




#47
2-Chloronaphthalene
Concen: 44.346 ng
RT: 9.340 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

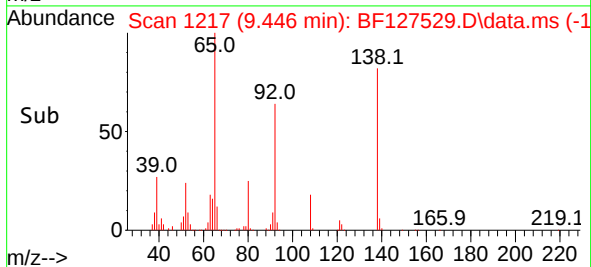
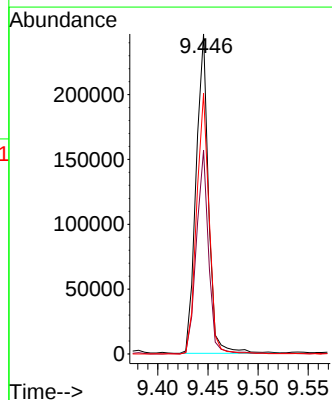
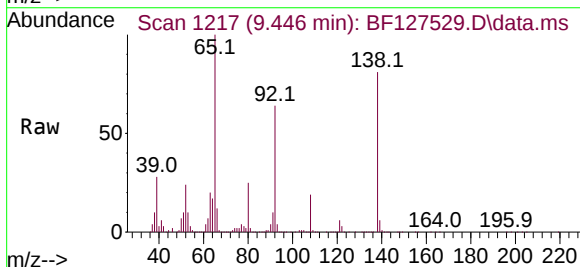
Instrument :
BNA_F
ClientSampleId :
WC-20220322MSD

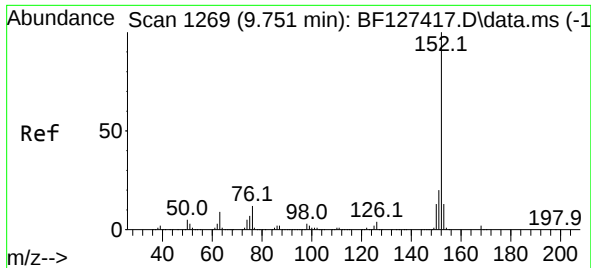
Tgt Ion:162 Resp: 541971
Ion Ratio Lower Upper
162 100
127 40.0 31.8 47.6
164 32.6 26.4 39.6



#48
2-Nitroaniline
Concen: 45.575 ng
RT: 9.446 min Scan# 1217
Delta R.T. 0.006 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

Tgt Ion: 65 Resp: 213469
Ion Ratio Lower Upper
65 100
92 63.6 50.0 75.0
138 81.4 64.1 96.1

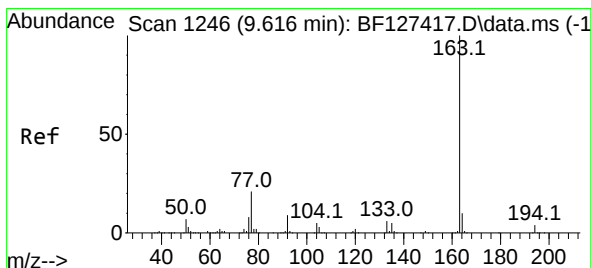
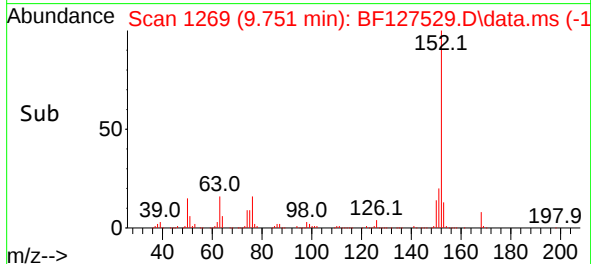
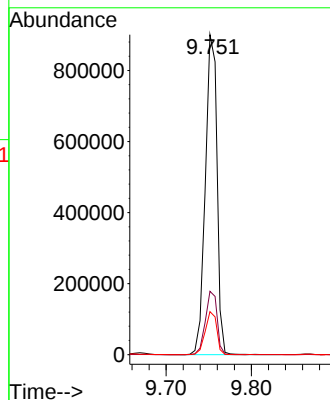
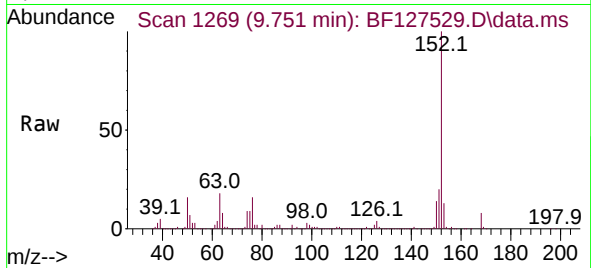




#49
Acenaphthylene
Concen: 46.413 ng
RT: 9.751 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

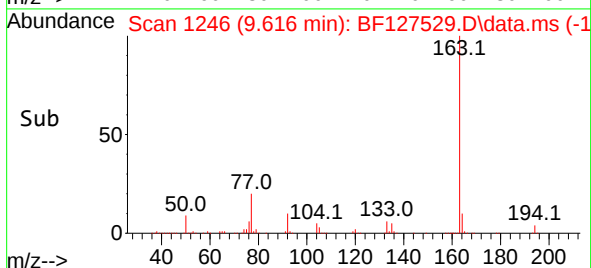
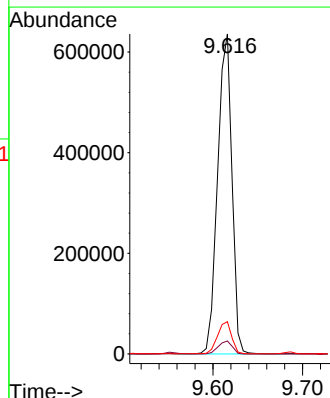
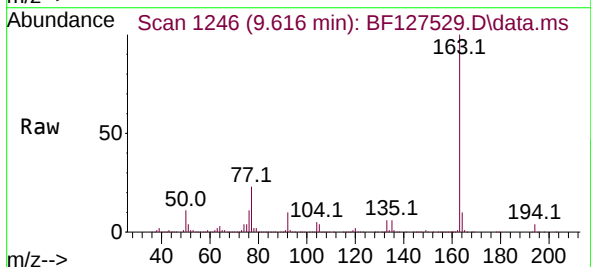
Instrument :
BNA_F
ClientSampleId :
WC-20220322MSD

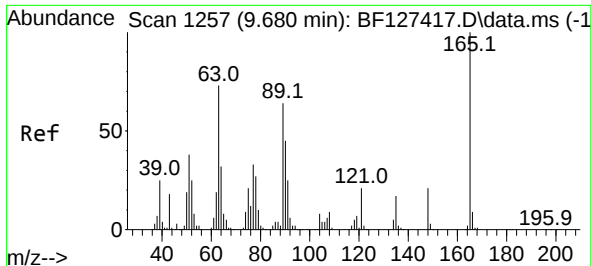
Tgt Ion:152 Resp: 857527
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.5 10.5 15.7



#50
Dimethylphthalate
Concen: 49.148 ng
RT: 9.616 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

Tgt Ion:163 Resp: 702586
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 7.8 11.8

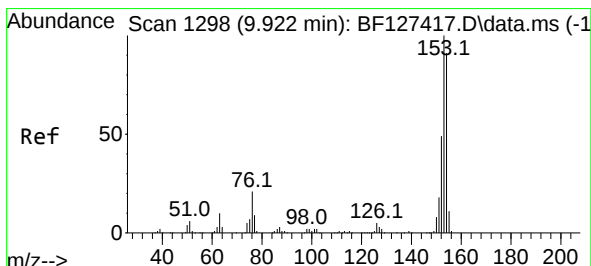
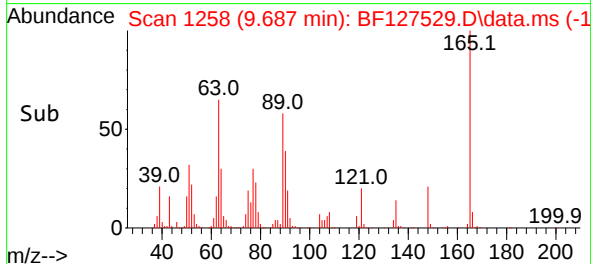
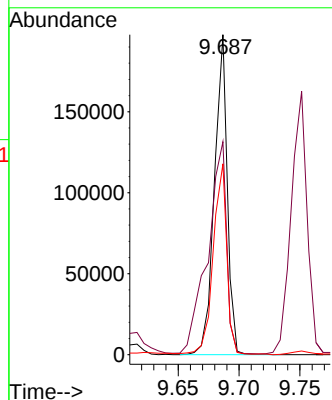
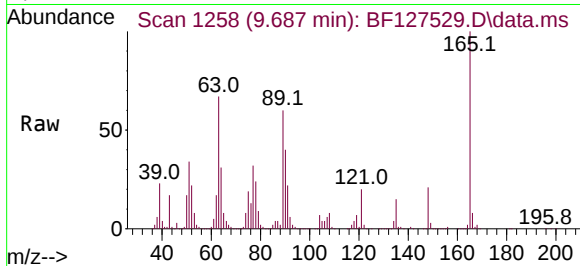




#51
2,6-Dinitrotoluene
Concen: 48.211 ng
RT: 9.687 min Scan# 1257
Delta R.T. 0.006 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

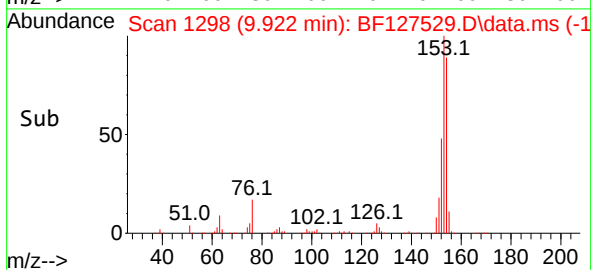
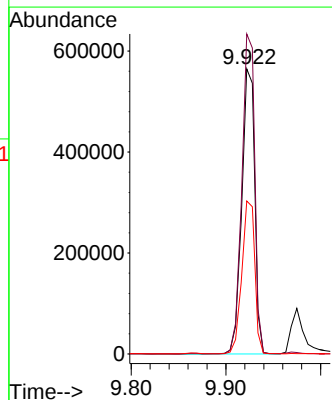
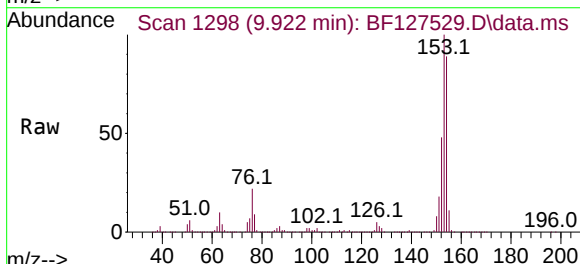
Instrument :
BNA_F
ClientSampleId :
WC-20220322MSD

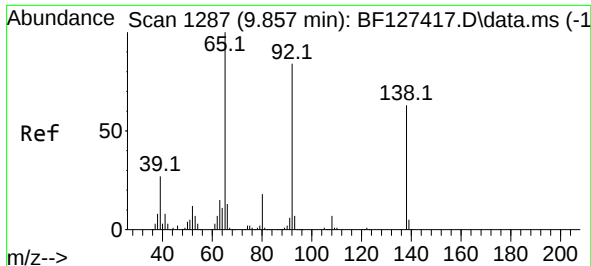
Tgt Ion:165 Resp: 144670
Ion Ratio Lower Upper
165 100
63 66.5 58.3 87.5
89 59.6 51.5 77.3



#52
Acenaphthene
Concen: 49.585 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

Tgt Ion:154 Resp: 534515
Ion Ratio Lower Upper
154 100
153 112.2 87.6 131.4
152 53.6 42.9 64.3

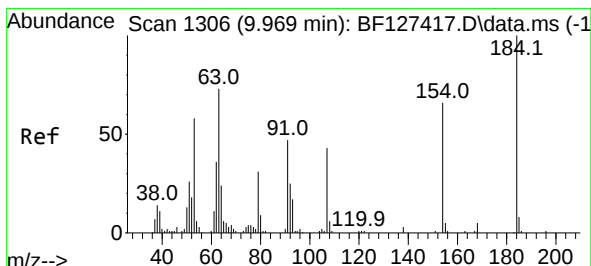
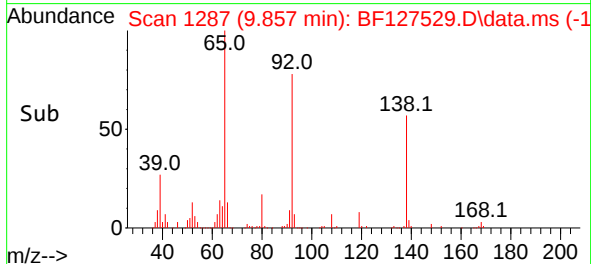
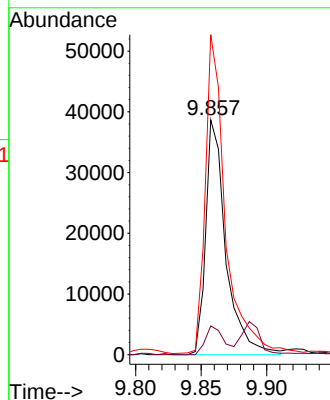
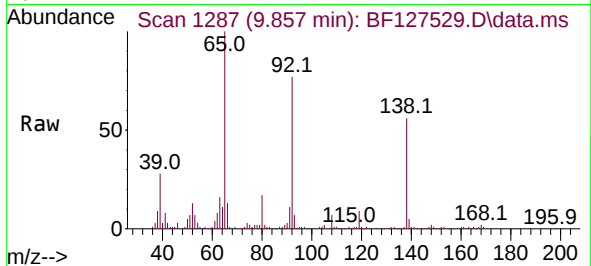




#53
3-Nitroaniline
Concen: 12.567 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

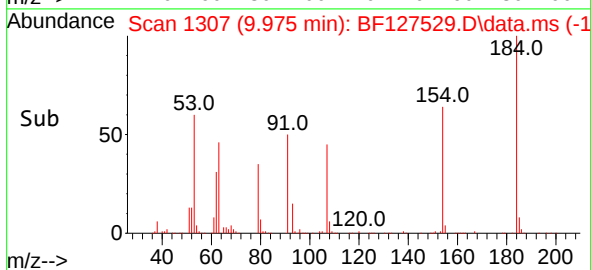
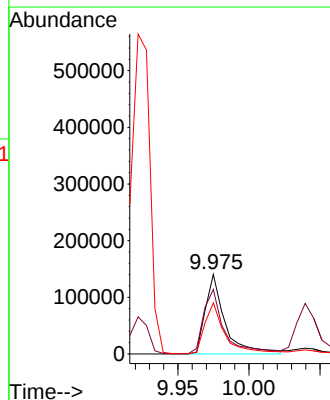
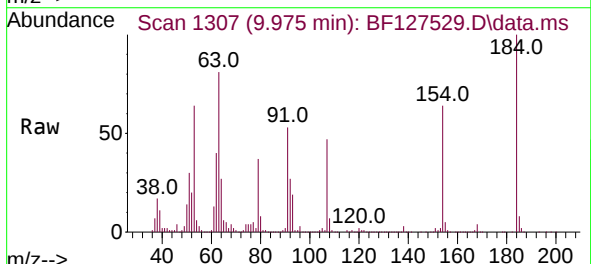
Instrument :
BNA_F
ClientSampleId :
WC-20220322MSD

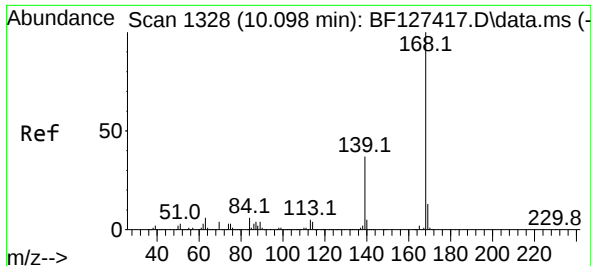
Tgt Ion:138 Resp: 41368
Ion Ratio Lower Upper
138 100
108 12.3 9.4 14.0
92 136.4 106.1 159.1



#54
2,4-Dinitrophenol
Concen: 88.491 ng
RT: 9.975 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

Tgt Ion:184 Resp: 135588
Ion Ratio Lower Upper
184 100
63 81.1 58.1 87.1
154 64.3 53.2 79.8

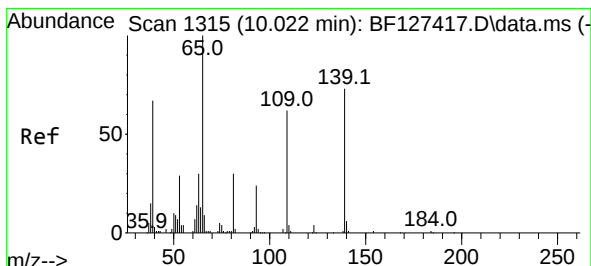
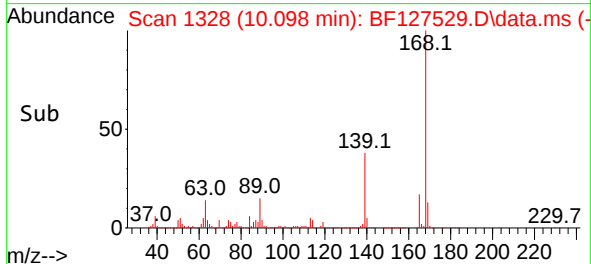
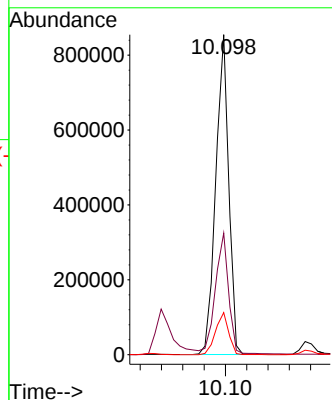
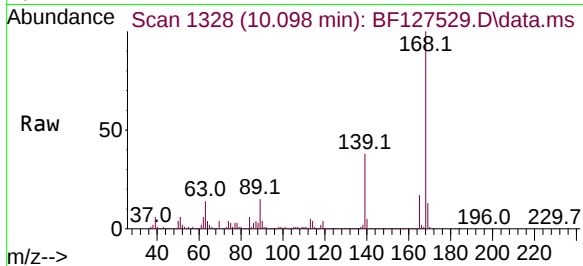




#55
Dibenzofuran
Concen: 46.562 ng
RT: 10.098 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

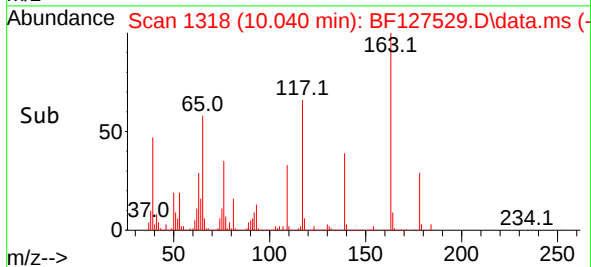
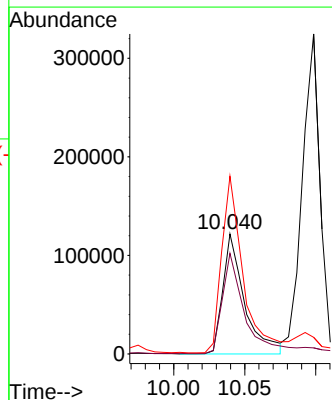
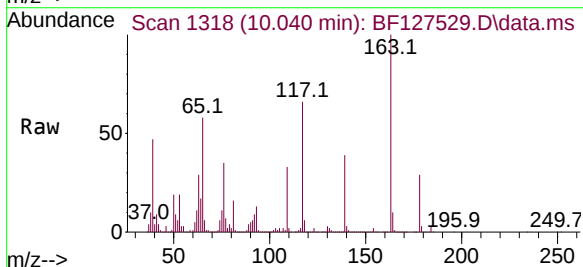
Instrument :
BNA_F
ClientSampleId :
WC-20220322MSD

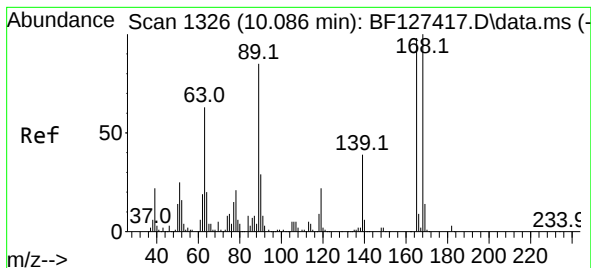
Tgt Ion:168 Resp: 722462
Ion Ratio Lower Upper
168 100
139 38.0 30.3 45.5
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 77.410 ng
RT: 10.040 min Scan# 1318
Delta R.T. 0.018 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

Tgt Ion:139 Resp: 129689
Ion Ratio Lower Upper
139 100
109 83.8 64.3 104.3
65 148.1 117.5 157.5

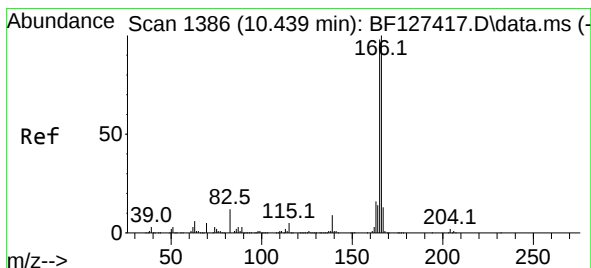
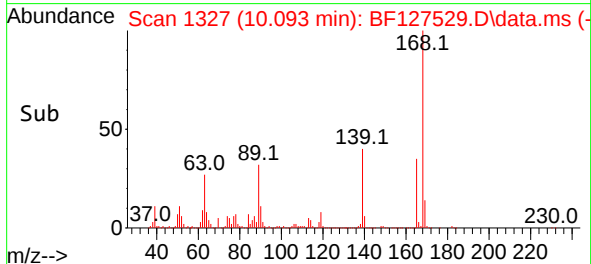
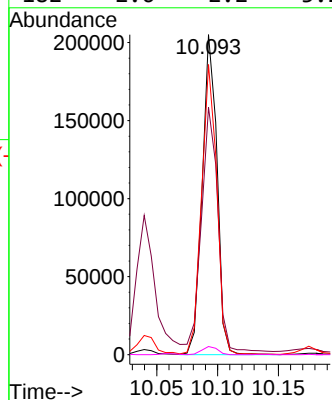
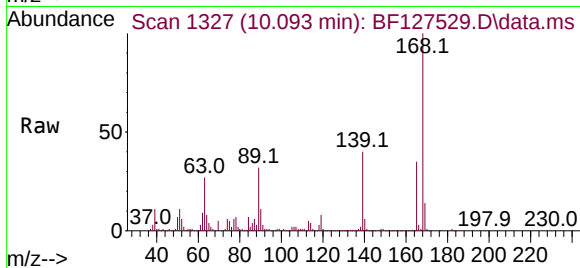




#57
2,4-Dinitrotoluene
Concen: 44.987 ng
RT: 10.093 min Scan# 1327
Delta R.T. 0.007 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

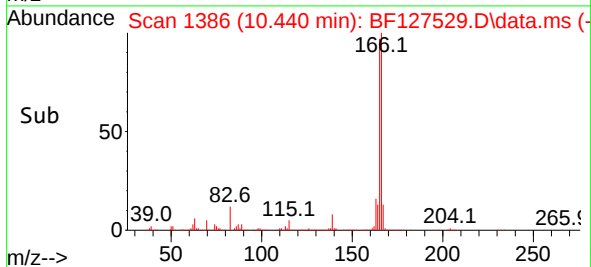
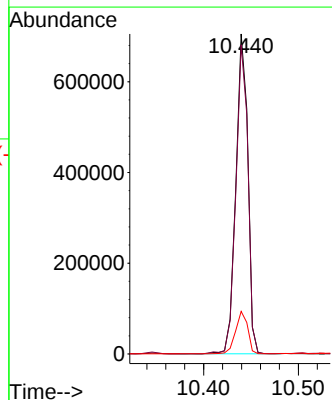
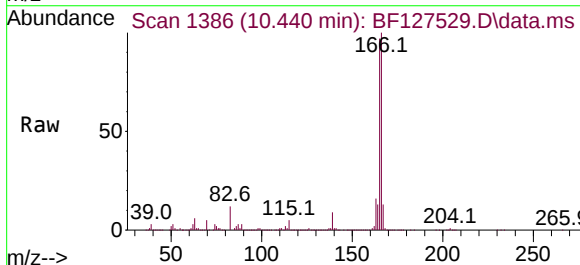
Instrument :
BNA_F
ClientSampleId :
WC-20220322MSD

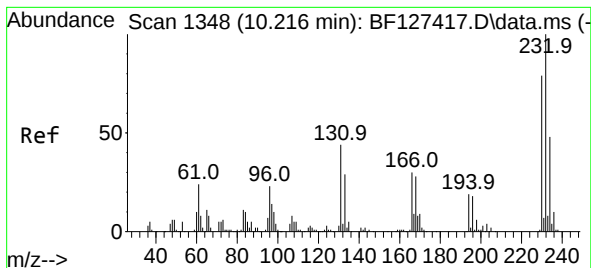
Tgt Ion:165 Resp: 173761
Ion Ratio Lower Upper
165 100
63 77.3 53.1 79.7
89 90.7 69.2 103.8
182 2.6 2.2 3.2



#58
Fluorene
Concen: 49.746 ng
RT: 10.440 min Scan# 1386
Delta R.T. 0.001 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

Tgt Ion:166 Resp: 618023
Ion Ratio Lower Upper
166 100
165 96.6 78.1 117.1
167 13.3 10.5 15.7



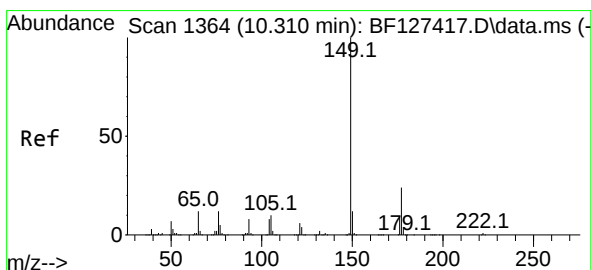
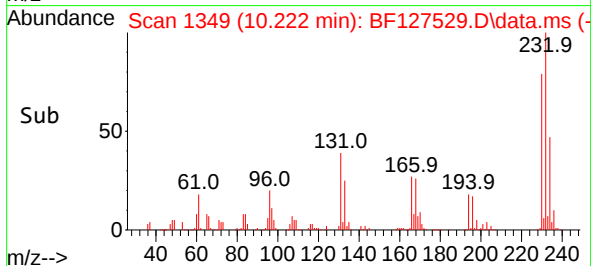
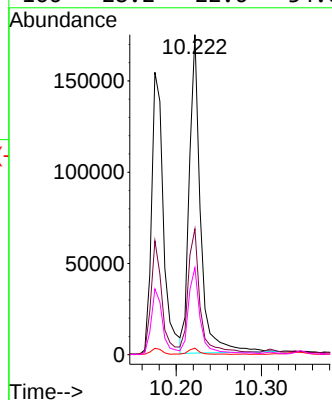
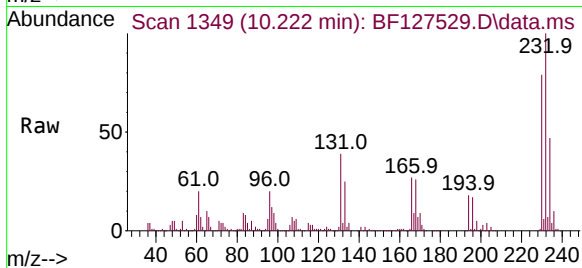


#59
2,3,4,6-Tetrachlorophenol
Concen: 44.349 ng
RT: 10.222 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

Instrument :
BNA_F
ClientSampleId :
WC-20220322MSD

Tgt Ion:232 Resp: 159406

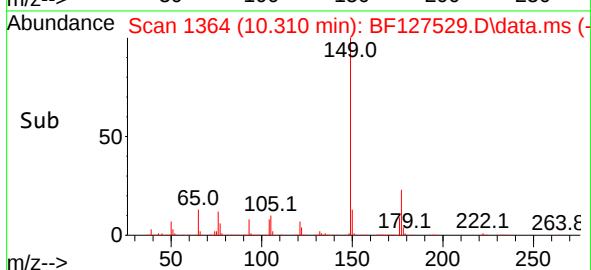
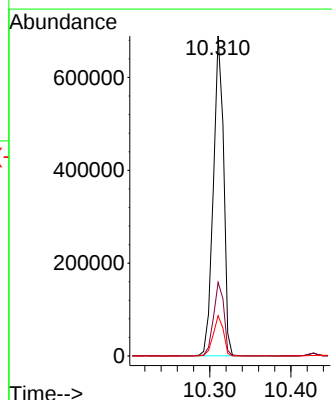
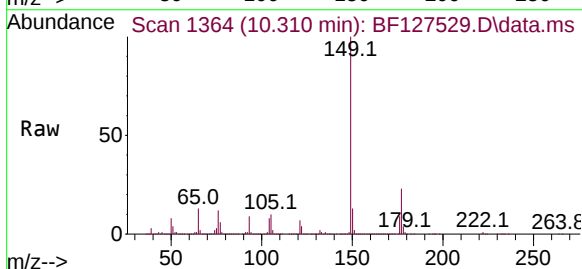
Ion	Ratio	Lower	Upper
232	100		
131	40.3	33.4	50.0
130	2.1	1.8	2.6
166	28.2	22.6	34.0

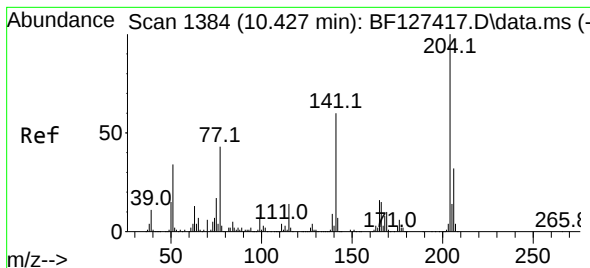


#60
Diethylphthalate
Concen: 46.084 ng
RT: 10.310 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

Tgt Ion:149 Resp: 601718

Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.9	28.3
150	12.6	10.0	15.0

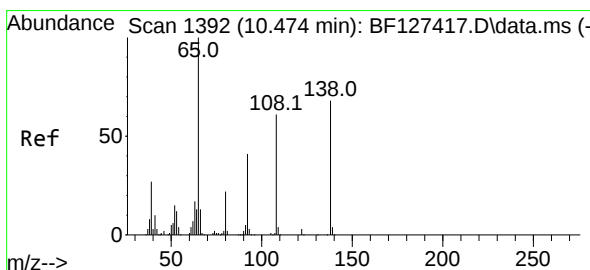
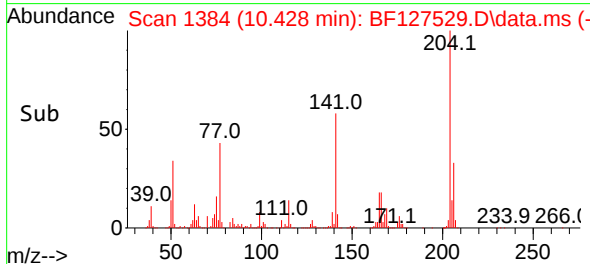
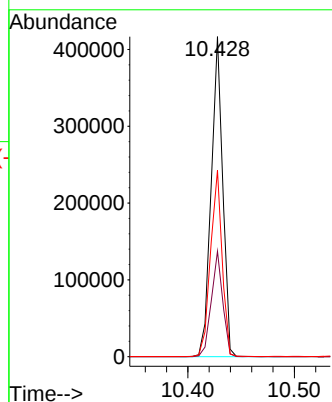
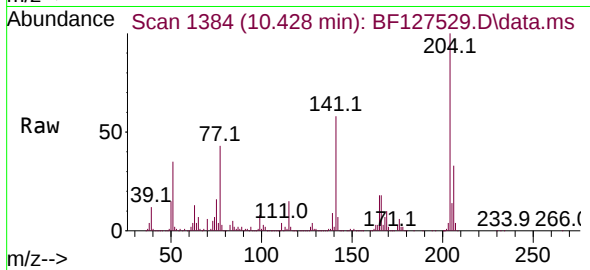




#61
4-Chlorophenyl-phenylether
Concen: 42.497 ng
RT: 10.428 min Scan# 1384
Delta R.T. 0.001 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

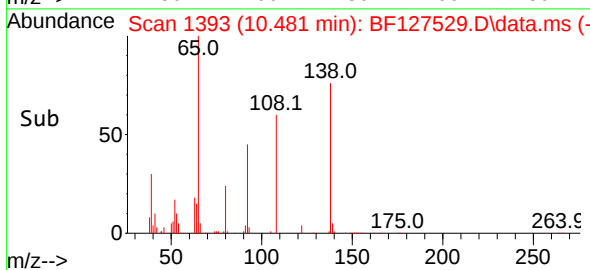
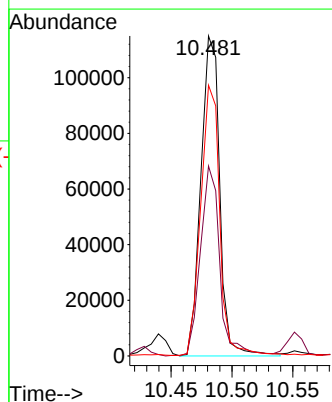
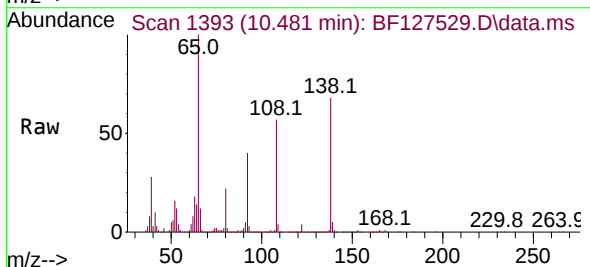
Instrument :
BNA_F
ClientSampleId :
WC-20220322MSD

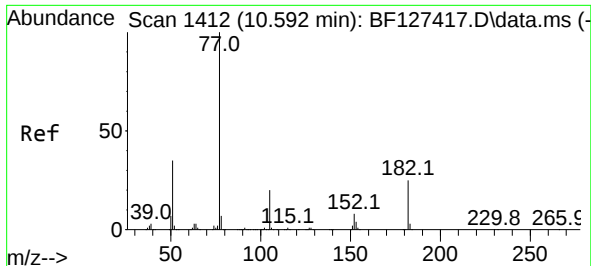
Tgt Ion:204 Resp: 313982
Ion Ratio Lower Upper
204 100
206 32.9 25.9 38.9
141 58.2 47.8 71.8



#62
4-Nitroaniline
Concen: 40.223 ng
RT: 10.481 min Scan# 1393
Delta R.T. 0.007 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

Tgt Ion:138 Resp: 124017
Ion Ratio Lower Upper
138 100
92 59.3 40.5 80.5
108 84.6 69.2 109.2

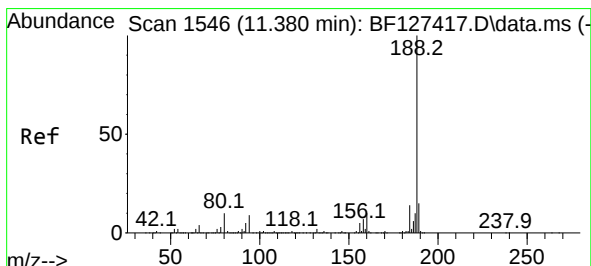
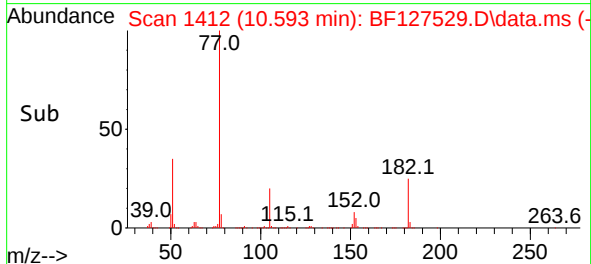
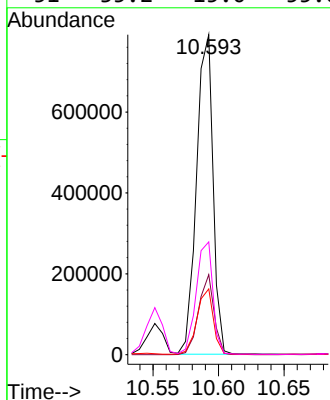
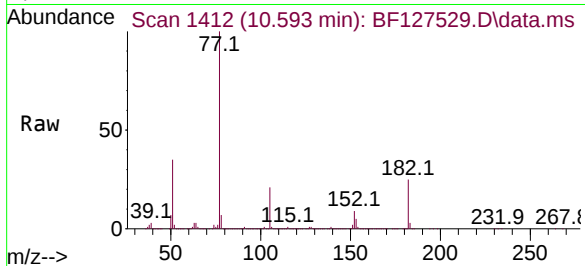




#63
Azobenzene
Concen: 45.074 ng
RT: 10.593 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

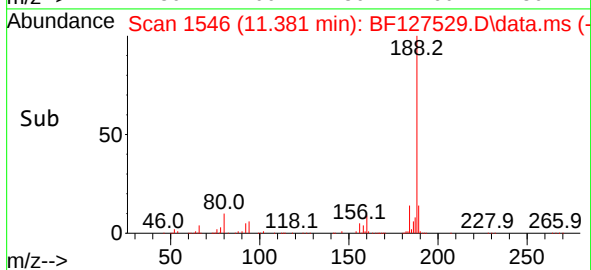
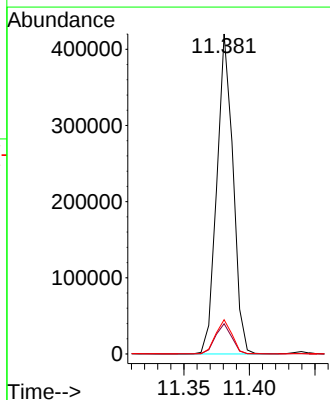
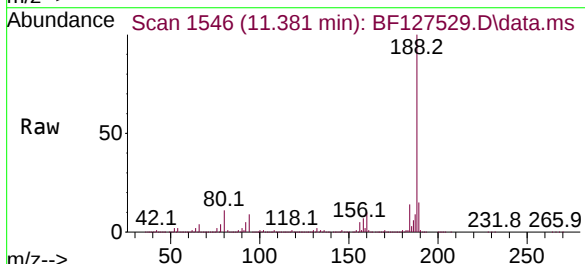
Instrument :
BNA_F
ClientSampleId :
WC-20220322MSD

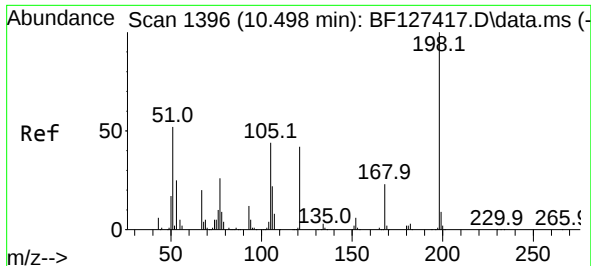
Tgt Ion: 77	Resp: 694437
Ion Ratio	Lower Upper
77 100	
182 25.0	4.5 44.5
105 20.6	0.3 40.3
51 35.2	15.0 55.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.381 min Scan# 1546
Delta R.T. 0.001 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

Tgt Ion:188	Resp: 359808
Ion Ratio	Lower Upper
188 100	
94 9.5	7.4 11.0
80 10.7	8.0 12.0

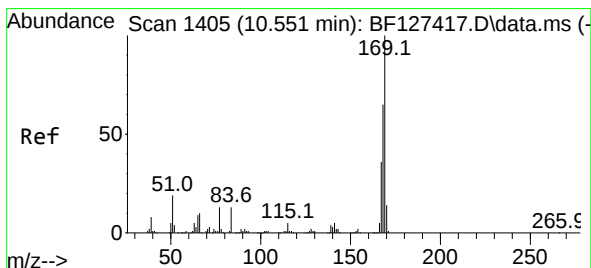
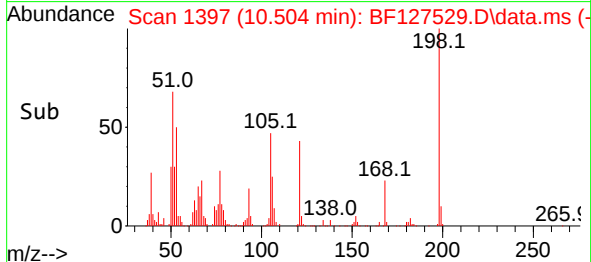
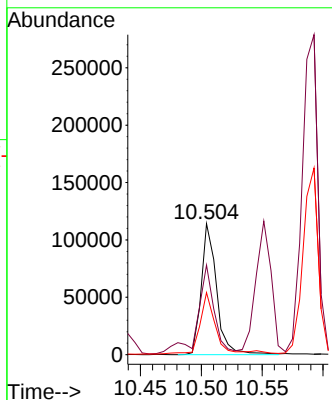
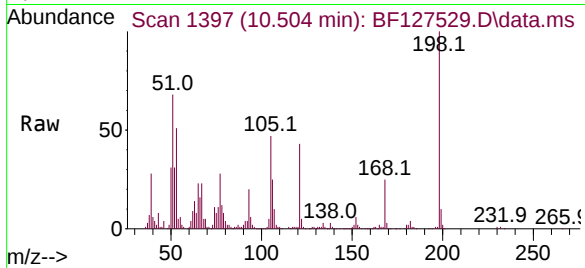




#65
4,6-Dinitro-2-methylphenol
Concen: 45.224 ng
RT: 10.504 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

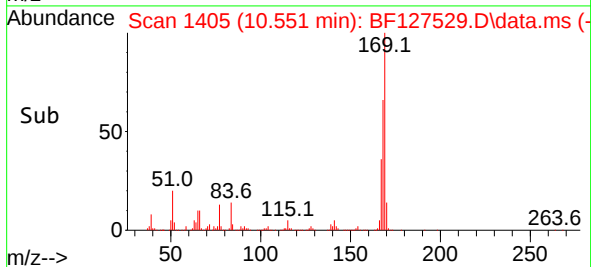
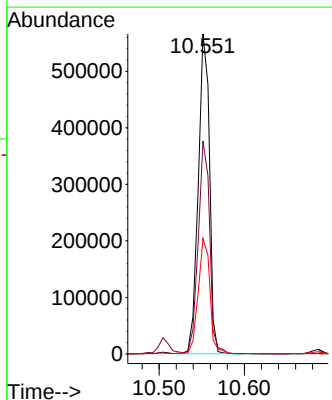
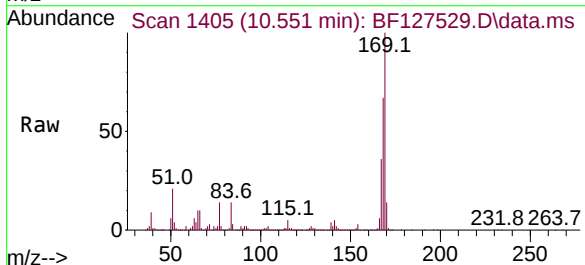
Instrument :
BNA_F
ClientSampleId :
WC-20220322MSD

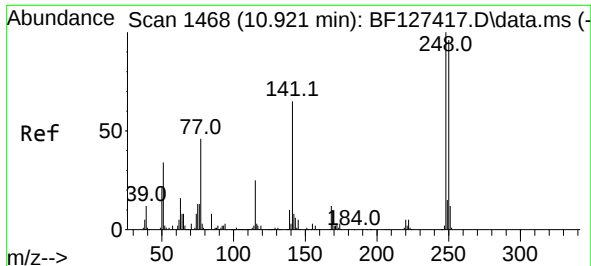
Tgt Ion:198 Resp: 100126
Ion Ratio Lower Upper
198 100
51 68.4 42.7 82.7
105 47.4 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 47.293 ng
RT: 10.551 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

Tgt Ion:169 Resp: 517987
Ion Ratio Lower Upper
169 100
168 66.5 52.7 79.1
167 36.1 28.9 43.3

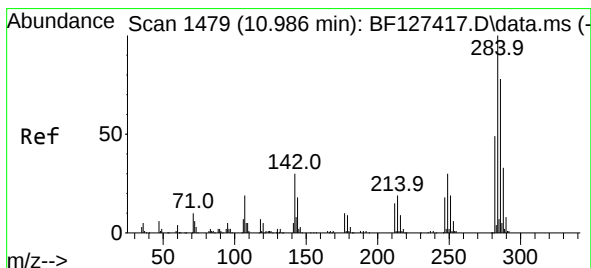
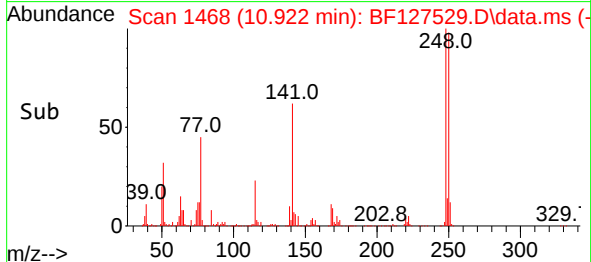
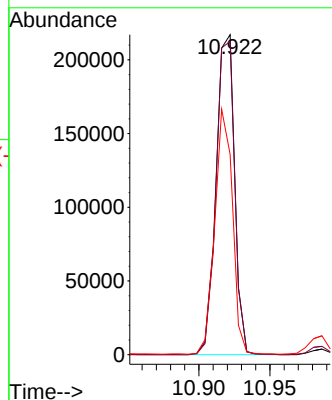
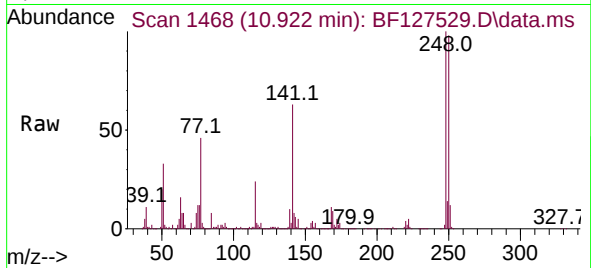




#67
4-Bromophenyl-phenylether
Concen: 46.807 ng
RT: 10.922 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

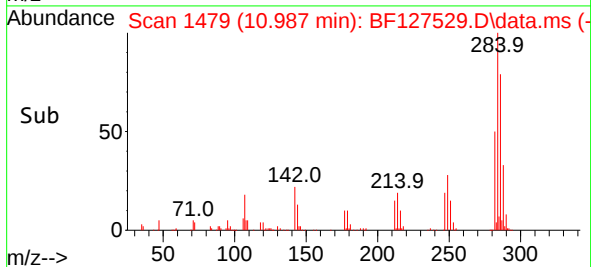
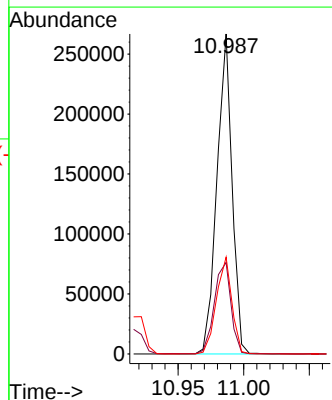
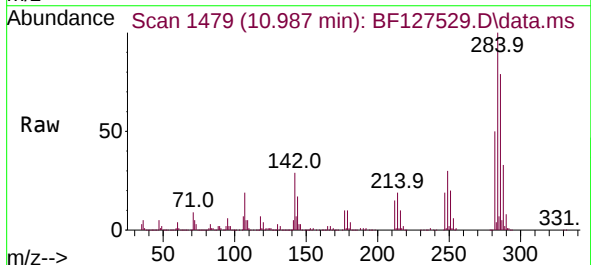
Instrument :
BNA_F
ClientSampleId :
WC-20220322MSD

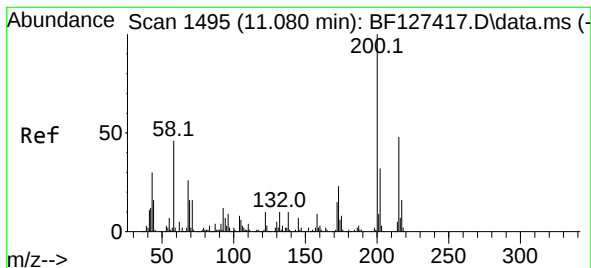
Tgt Ion:248 Resp: 196627
Ion Ratio Lower Upper
248 100
250 97.9 76.6 115.0
141 62.6 52.2 78.2



#68
Hexachlorobenzene
Concen: 46.594 ng
RT: 10.987 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

Tgt Ion:284 Resp: 213654
Ion Ratio Lower Upper
284 100
142 28.6 23.8 35.8
249 30.3 23.9 35.9





#69

Atrazine

Concen: 49.721 ng

RT: 11.087 min Scan# 1495

Delta R.T. 0.006 min

Lab File: BF127529.D

Acq: 25 Mar 2022 16:48

Instrument :

BNA_F

ClientSampleId :

WC-20220322MSD

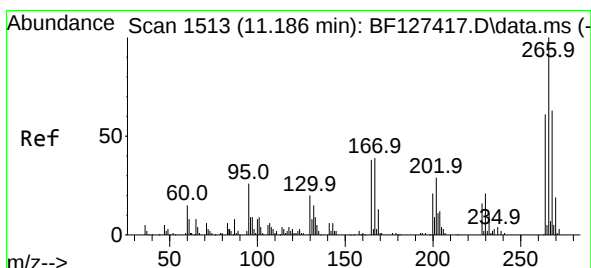
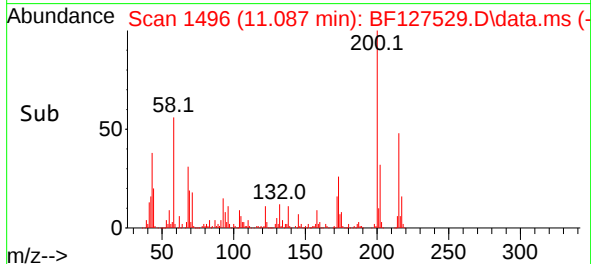
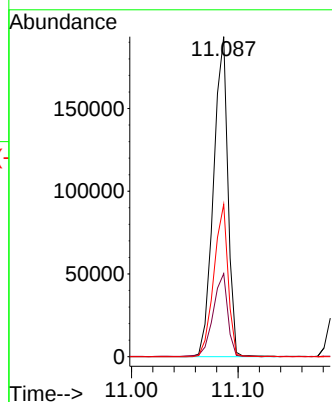
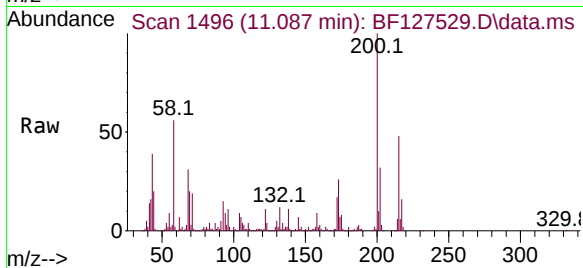
Tgt Ion:200 Resp: 181298

Ion Ratio Lower Upper

200 100

173 25.9 2.9 42.9

215 47.6 28.0 68.0



#70

Pentachlorophenol

Concen: 98.794 ng

RT: 11.192 min Scan# 1514

Delta R.T. 0.006 min

Lab File: BF127529.D

Acq: 25 Mar 2022 16:48

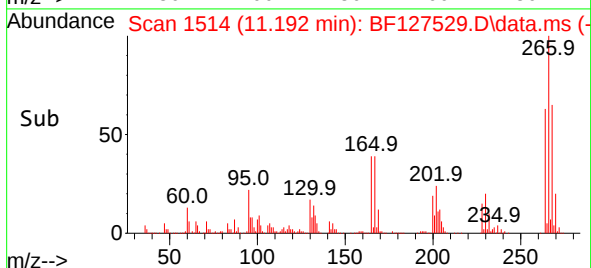
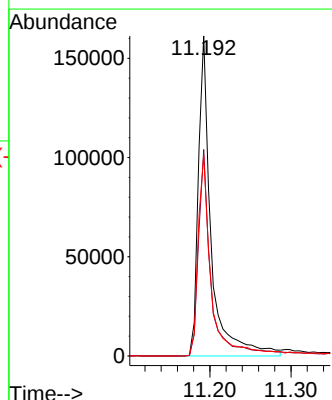
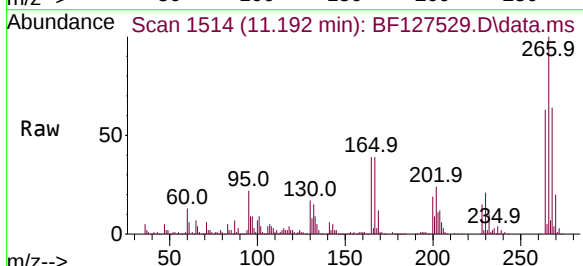
Tgt Ion:266 Resp: 177969

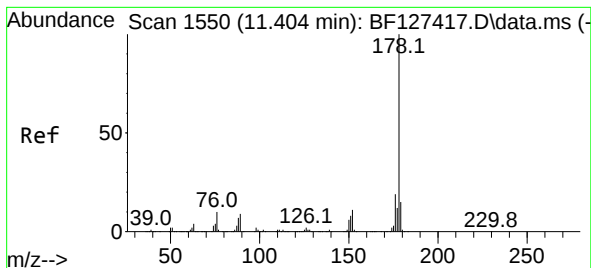
Ion Ratio Lower Upper

266 100

268 64.5 50.4 75.6

264 62.7 48.5 72.7





#71

Phenanthrene

Concen: 47.941 ng

RT: 11.410 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF127529.D

Acq: 25 Mar 2022 16:48

Instrument :

BNA_F

ClientSampleId :

WC-20220322MSD

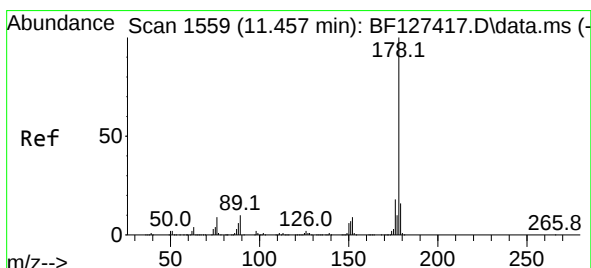
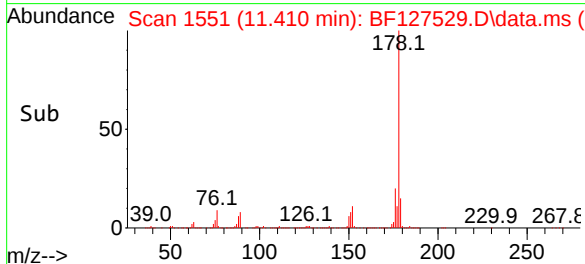
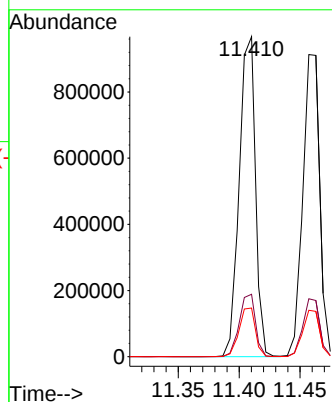
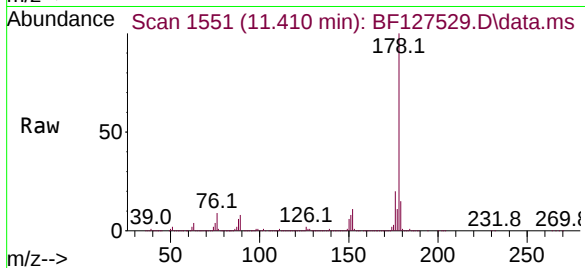
Tgt Ion:178 Resp: 899295

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.2 12.4 18.6



#72

Anthracene

Concen: 47.759 ng

RT: 11.457 min Scan# 1559

Delta R.T. 0.000 min

Lab File: BF127529.D

Acq: 25 Mar 2022 16:48

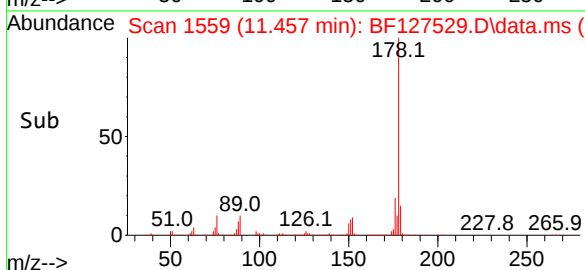
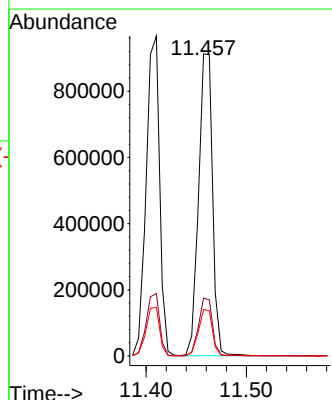
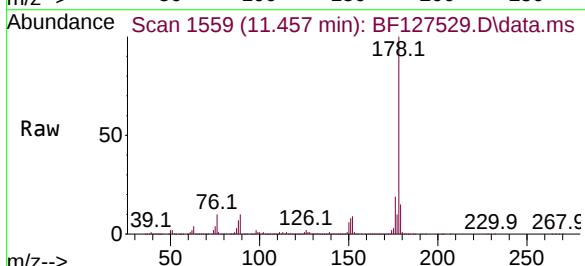
Tgt Ion:178 Resp: 889044

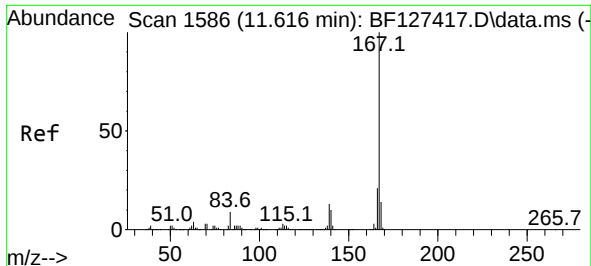
Ion Ratio Lower Upper

178 100

176 19.2 14.6 22.0

179 15.3 12.4 18.6

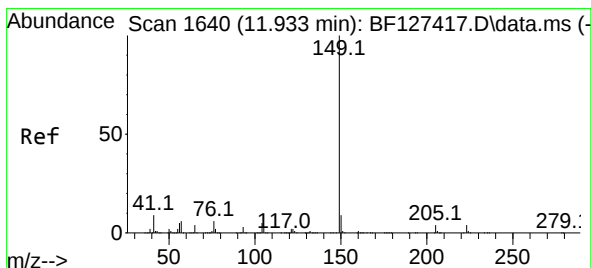
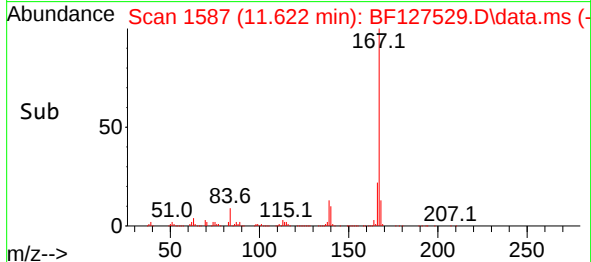
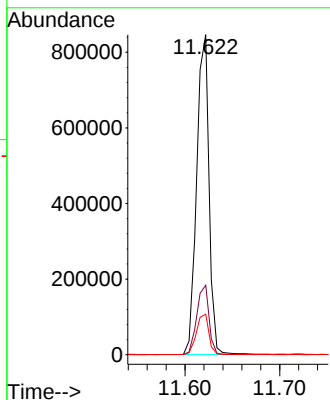
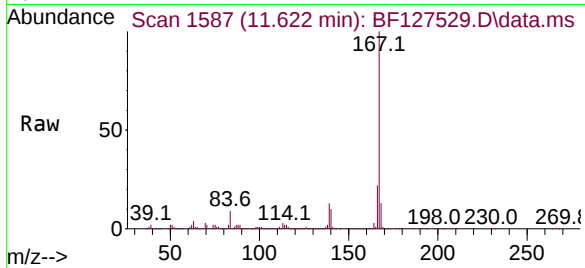




#73
Carbazole
Concen: 43.193 ng
RT: 11.622 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

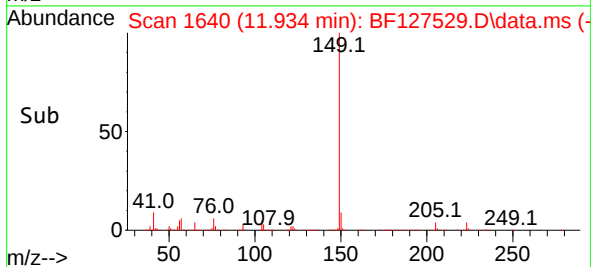
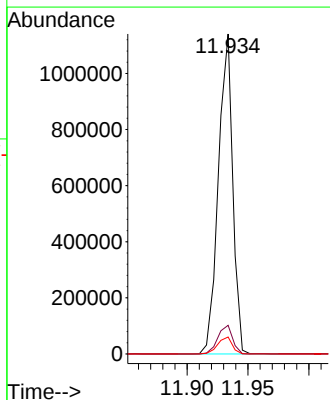
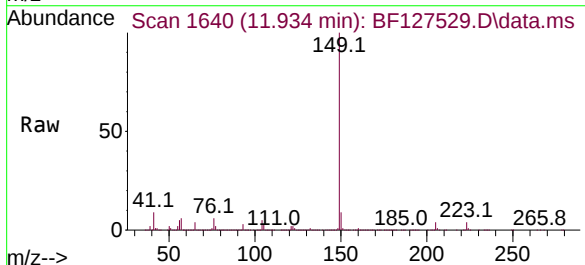
Instrument :
BNA_F
ClientSampleId :
WC-20220322MSD

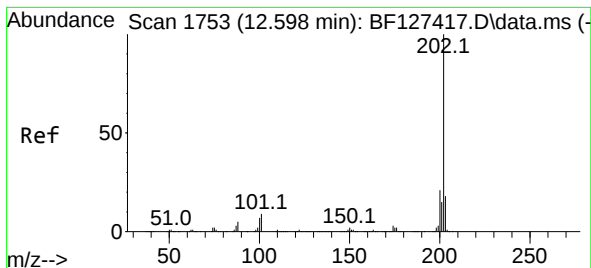
Tgt Ion:167 Resp: 768923
Ion Ratio Lower Upper
167 100
166 21.7 17.0 25.4
139 12.7 10.5 15.7



#74
Di-n-butylphthalate
Concen: 50.866 ng
RT: 11.934 min Scan# 1640
Delta R.T. 0.000 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

Tgt Ion:149 Resp: 937307
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 5.3 4.2 6.2





#75

Fluoranthene

Concen: 44.437 ng

RT: 12.598 min Scan# 1753

Delta R.T. 0.000 min

Lab File: BF127529.D

Acq: 25 Mar 2022 16:48

Instrument :

BNA_F

ClientSampleId :

WC-20220322MSD

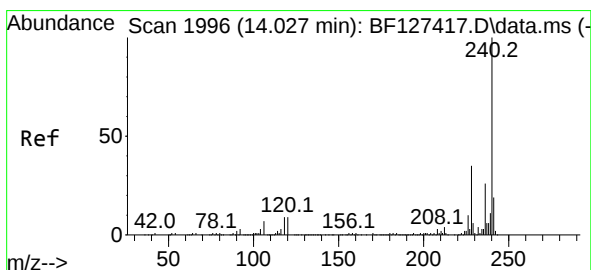
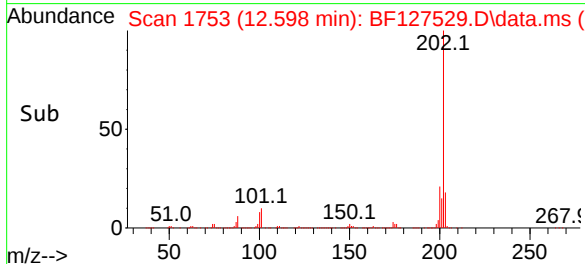
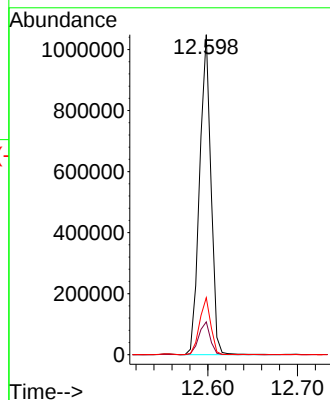
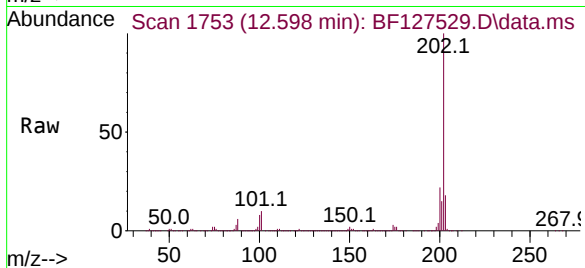
Tgt Ion:202 Resp: 916832

Ion Ratio Lower Upper

202 100

101 10.3 0.0 29.0

203 17.8 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.028 min Scan# 1996

Delta R.T. 0.000 min

Lab File: BF127529.D

Acq: 25 Mar 2022 16:48

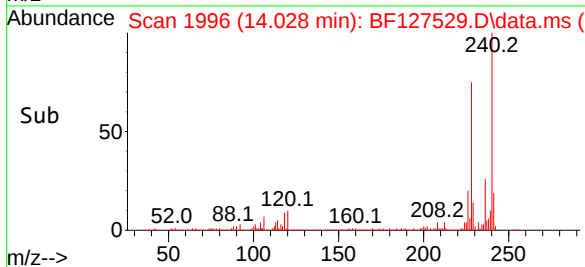
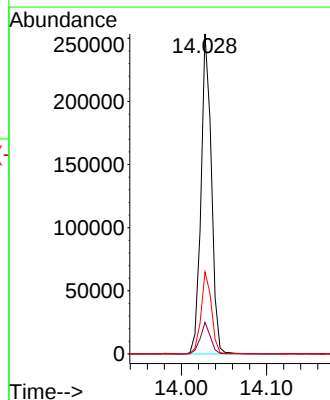
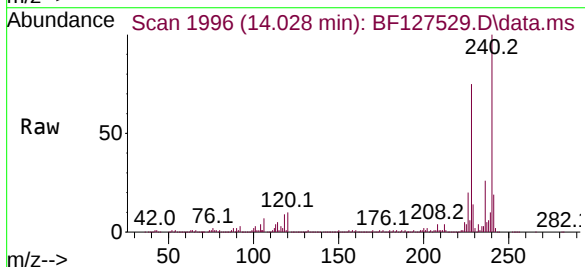
Tgt Ion:240 Resp: 214774

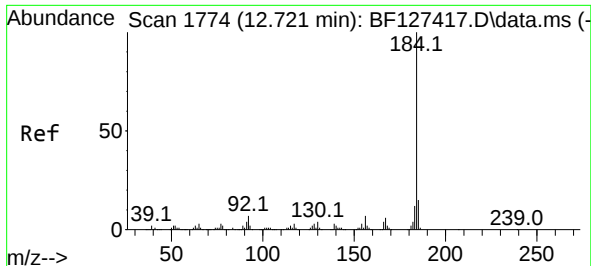
Ion Ratio Lower Upper

240 100

120 9.9 7.1 10.7

236 25.6 20.7 31.1

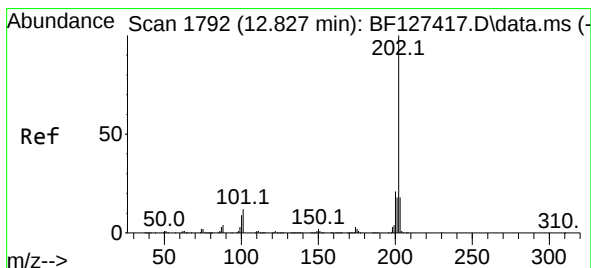
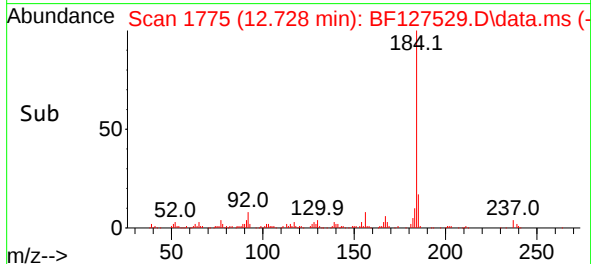
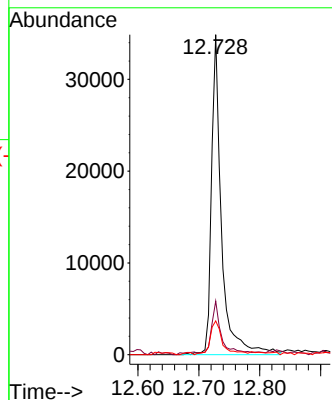
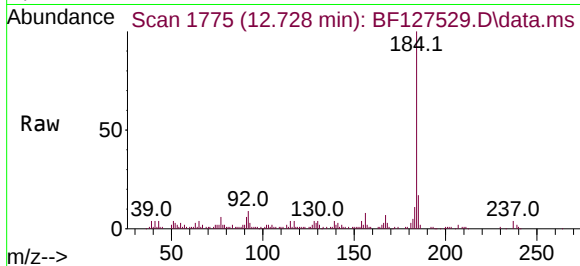




#77
Benzidine
Concen: 7.843 ng
RT: 12.728 min Scan# 1774
Delta R.T. 0.006 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

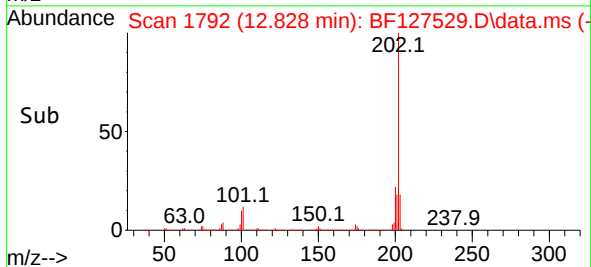
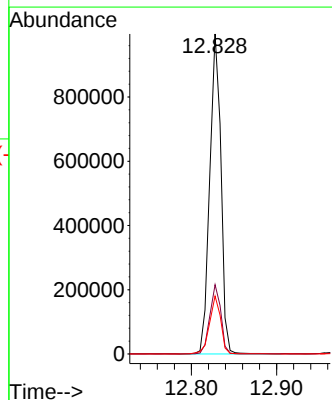
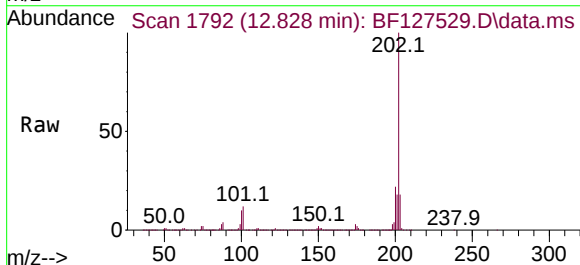
Instrument :
BNA_F
ClientSampleId :
WC-20220322MSD

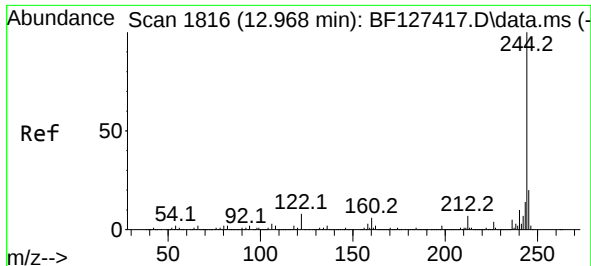
Tgt Ion:184 Resp: 40167
Ion Ratio Lower Upper
184 100
185 16.7 12.2 18.2
183 10.6 9.4 14.0



#78
Pyrene
Concen: 49.190 ng
RT: 12.828 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

Tgt Ion:202 Resp: 906687
Ion Ratio Lower Upper
202 100
200 21.7 17.1 25.7
203 18.1 14.3 21.5

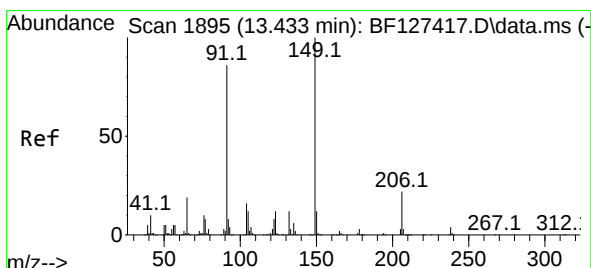
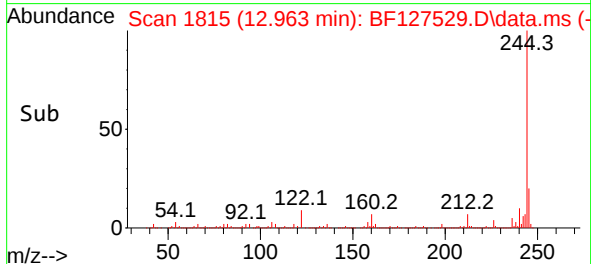
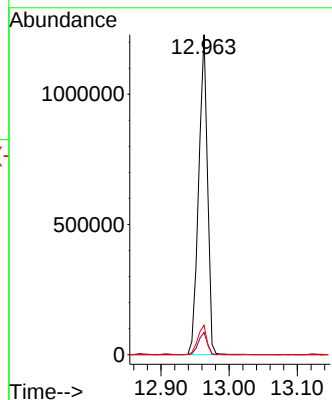
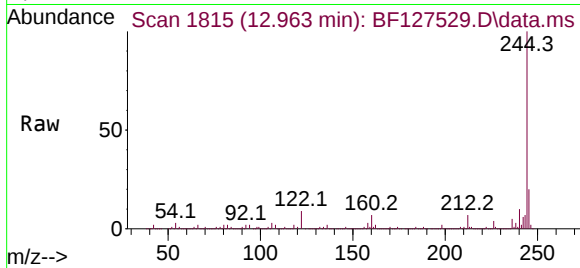




#79
 Terphenyl-d14
 Concen: 84.044 ng
 RT: 12.963 min Scan# 1816
 Delta R.T. -0.005 min
 Lab File: BF127529.D
 Acq: 25 Mar 2022 16:48

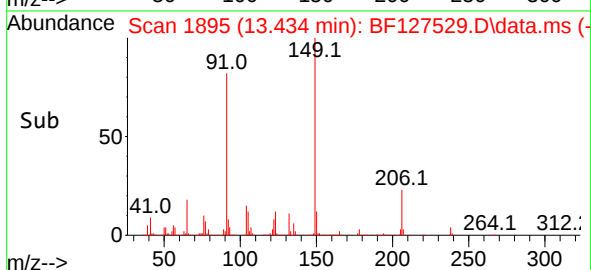
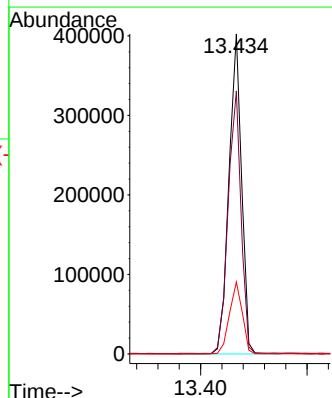
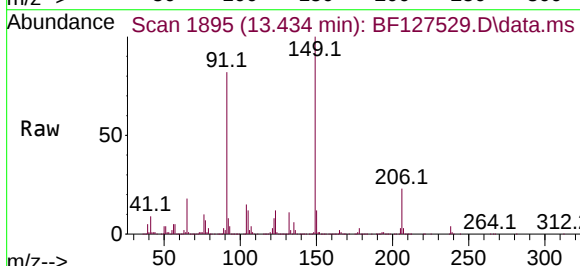
Instrument :
 BNA_F
 ClientSampleId :
 WC-20220322MSD

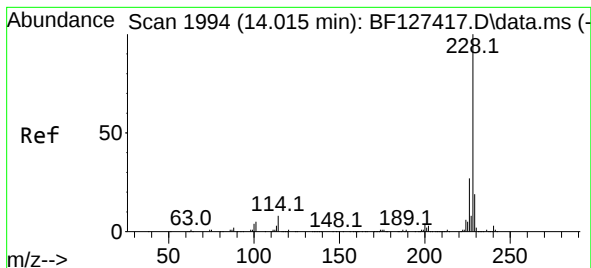
Tgt Ion:244 Resp: 1102642
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 9.2 6.2 9.2



#80
 Butylbenzylphthalate
 Concen: 54.750 ng
 RT: 13.434 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: BF127529.D
 Acq: 25 Mar 2022 16:48

Tgt Ion:149 Resp: 332141
 Ion Ratio Lower Upper
 149 100
 91 82.2 69.1 103.7
 206 22.5 17.7 26.5





#81

Benzo(a)anthracene

Concen: 46.225 ng

RT: 14.016 min Scan# 1994

Delta R.T. 0.000 min

Lab File: BF127529.D

Acq: 25 Mar 2022 16:48

Instrument :

BNA_F

ClientSampleId :

WC-20220322MSD

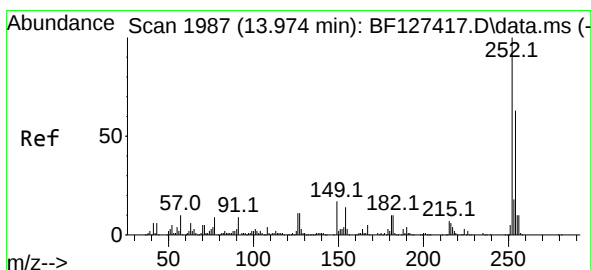
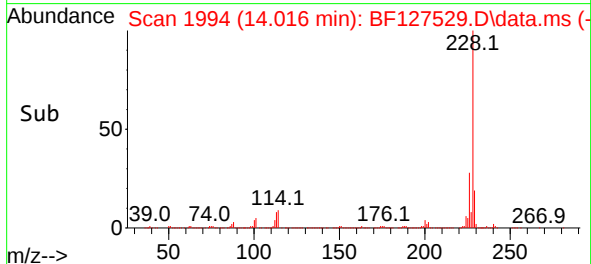
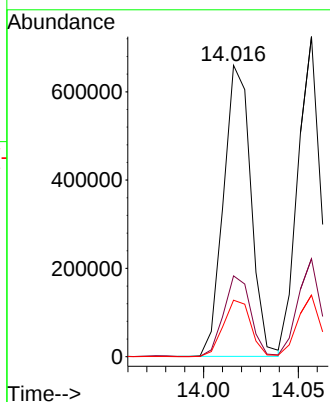
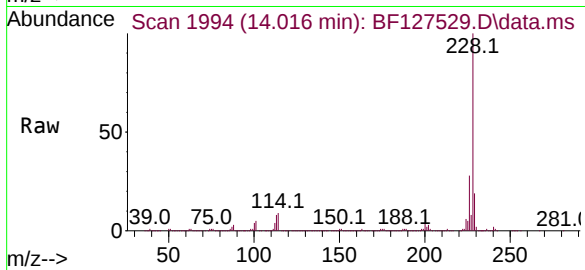
Tgt Ion:228 Resp: 663928

Ion Ratio Lower Upper

228 100

226 27.7 21.6 32.4

229 19.4 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 25.300 ng

RT: 13.975 min Scan# 1987

Delta R.T. 0.000 min

Lab File: BF127529.D

Acq: 25 Mar 2022 16:48

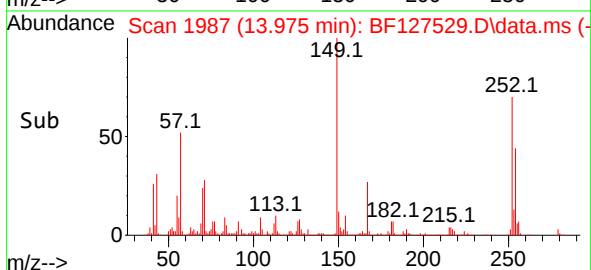
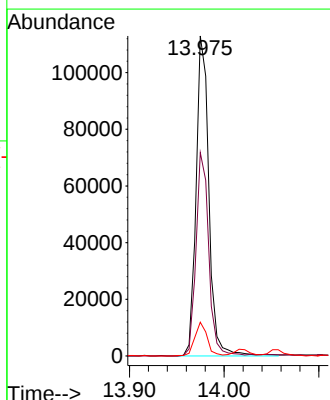
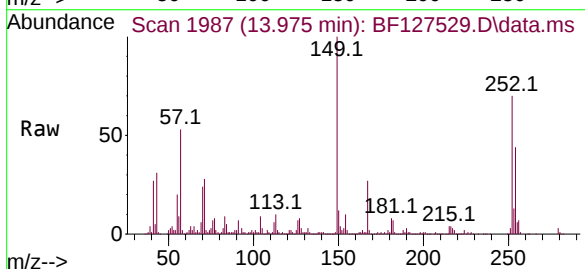
Tgt Ion:252 Resp: 106800

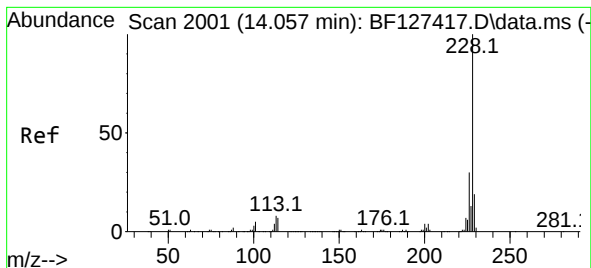
Ion Ratio Lower Upper

252 100

254 63.6 50.2 75.4

126 10.5 8.7 13.1





#83

Chrysene

Concen: 44.873 ng

RT: 14.057 min Scan# 2001

Delta R.T. 0.000 min

Lab File: BF127529.D

Acq: 25 Mar 2022 16:48

Instrument :

BNA_F

ClientSampleId :

WC-20220322MSD

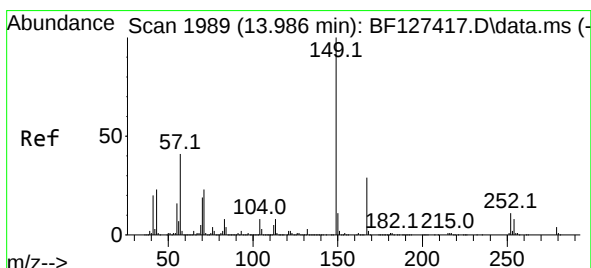
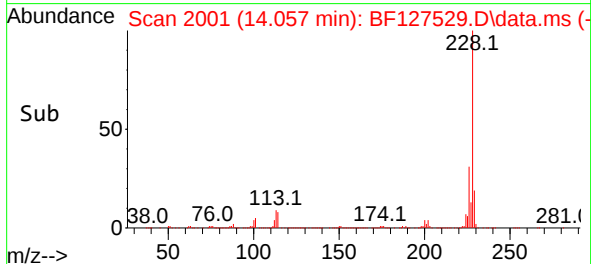
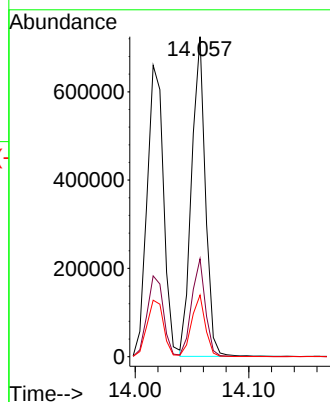
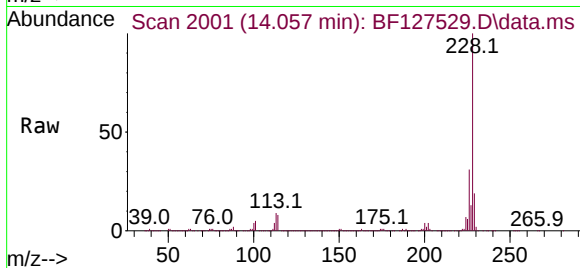
Tgt Ion:228 Resp: 610311

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.4

229 19.2 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 64.850 ng

RT: 13.986 min Scan# 1989

Delta R.T. 0.000 min

Lab File: BF127529.D

Acq: 25 Mar 2022 16:48

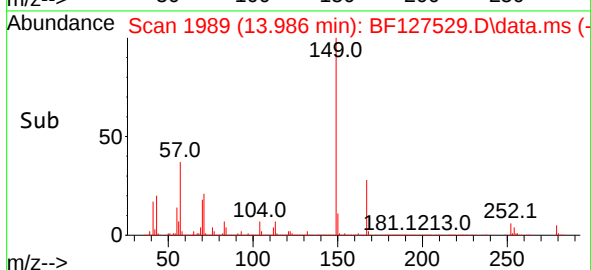
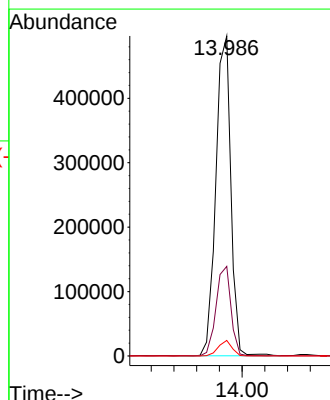
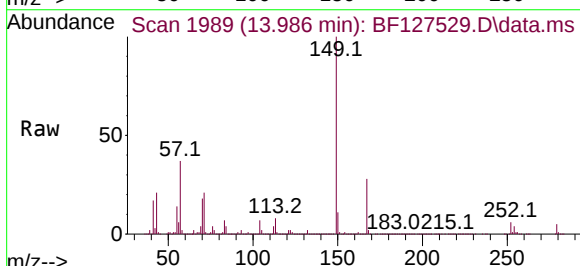
Tgt Ion:149 Resp: 454773

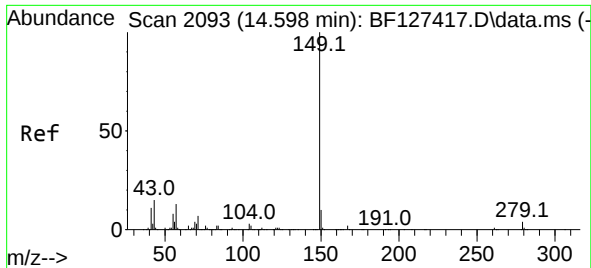
Ion Ratio Lower Upper

149 100

167 28.0 22.9 34.3

279 4.9 3.2 4.8#

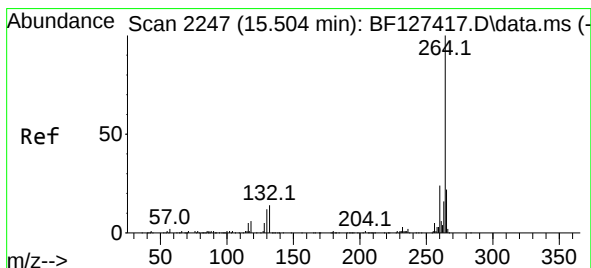
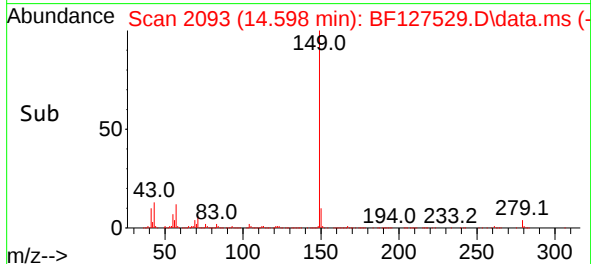
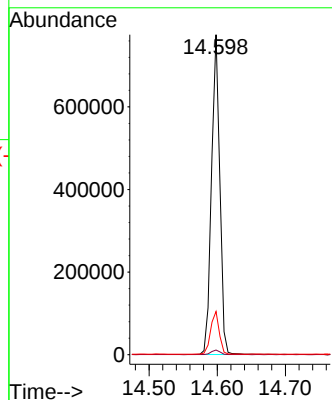
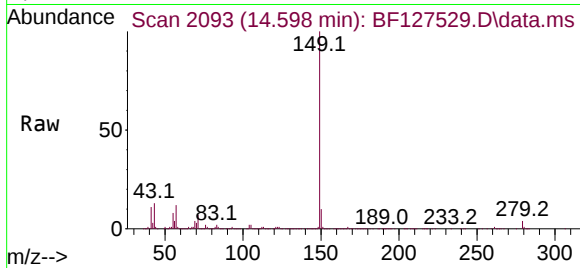




#85
Di-n-octyl phthalate
Concen: 70.487 ng
RT: 14.598 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

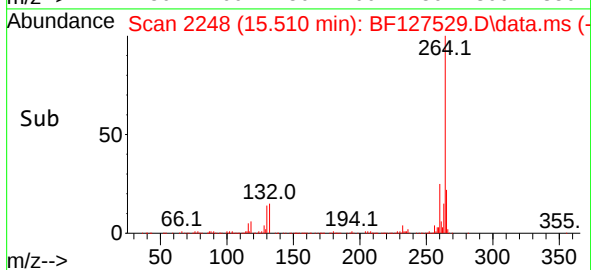
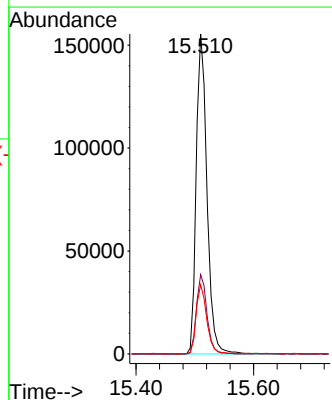
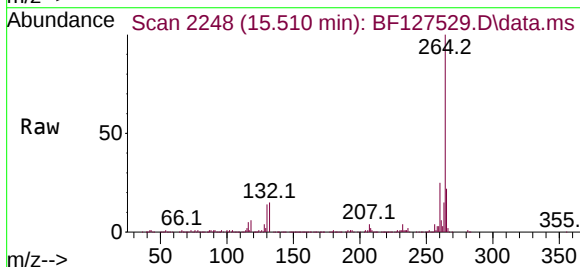
Instrument :
BNA_F
ClientSampleId :
WC-20220322MSD

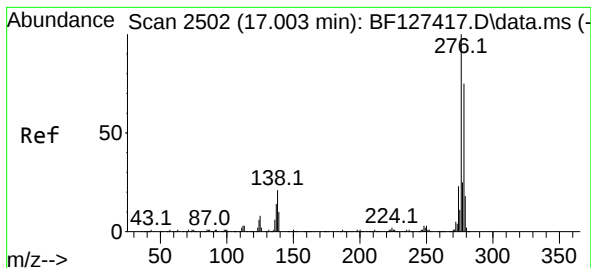
Tgt Ion:149 Resp: 657772
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.7 11.0 16.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2248
Delta R.T. 0.006 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

Tgt Ion:264 Resp: 197702
Ion Ratio Lower Upper
264 100
260 24.8 19.1 28.7
265 21.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.928 ng

RT: 17.027 min Scan# 2174

Delta R.T. 0.024 min

Lab File: BF127529.D

Acq: 25 Mar 2022 16:48

Instrument :

BNA_F

ClientSampleId :

WC-20220322MSD

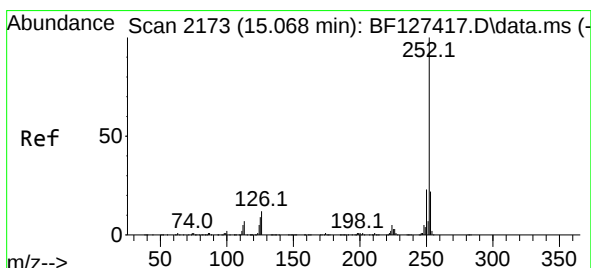
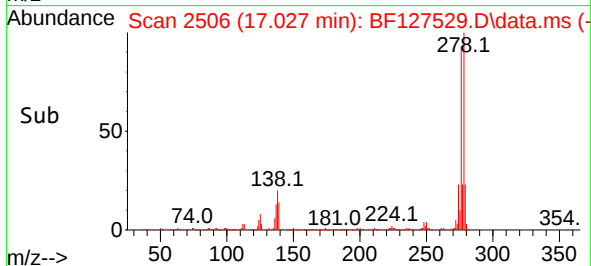
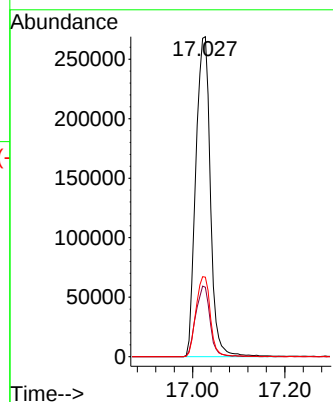
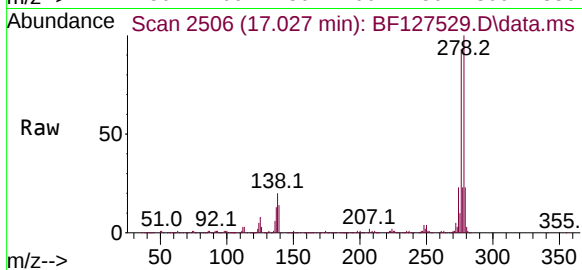
Tgt Ion:276 Resp: 587654

Ion Ratio Lower Upper

276 100

138 21.5 17.1 25.7

277 24.7 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 47.051 ng

RT: 15.075 min Scan# 2174

Delta R.T. 0.007 min

Lab File: BF127529.D

Acq: 25 Mar 2022 16:48

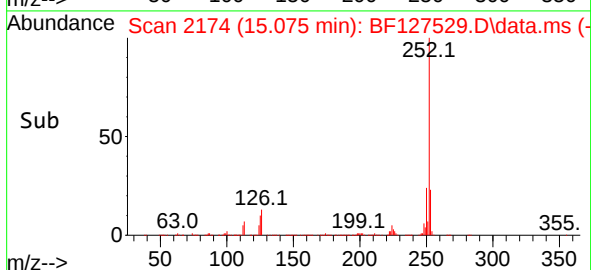
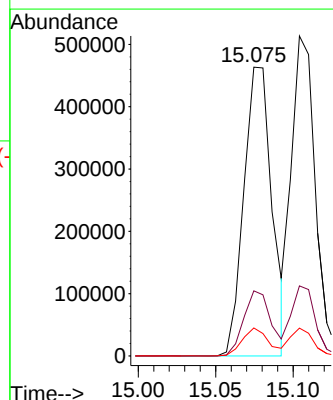
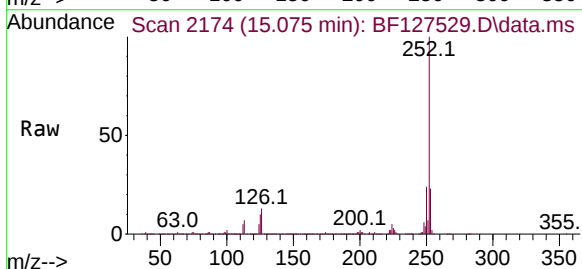
Tgt Ion:252 Resp: 586513

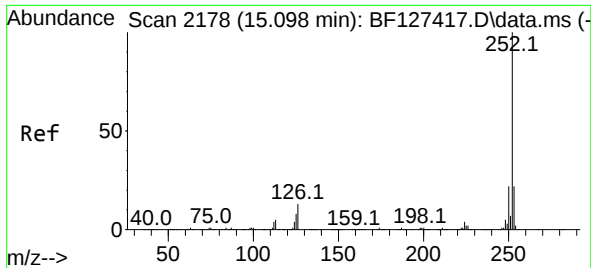
Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

125 9.7 7.0 10.4

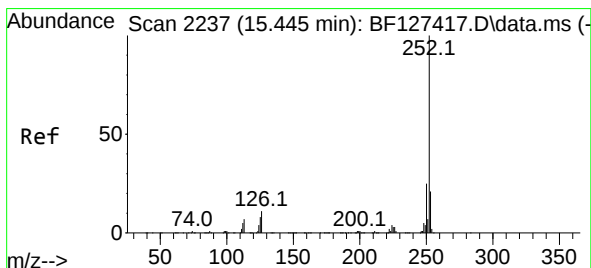
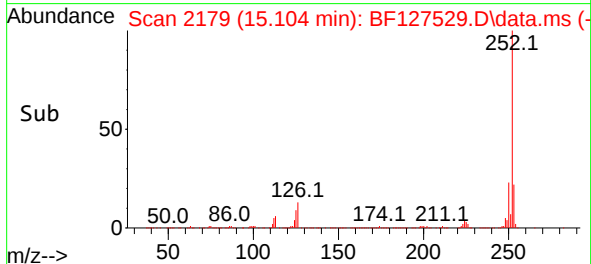
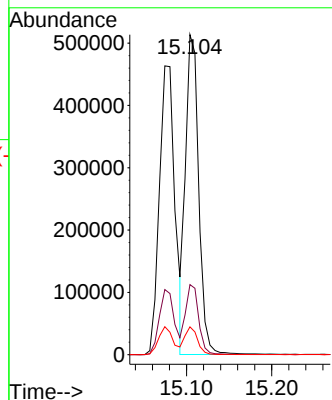
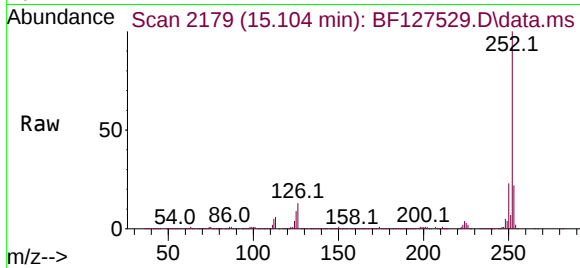




#89
Benzo(k)fluoranthene
Concen: 42.729 ng
RT: 15.104 min Scan# 2179
Delta R.T. 0.006 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

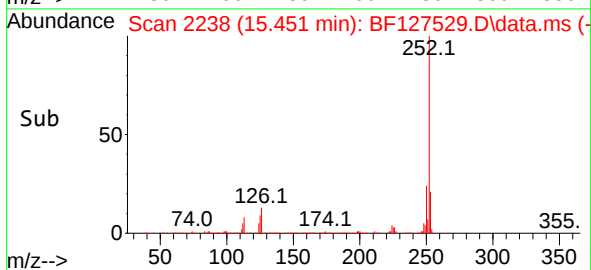
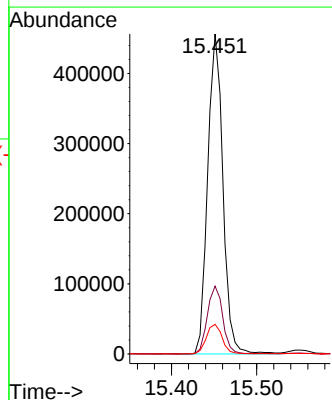
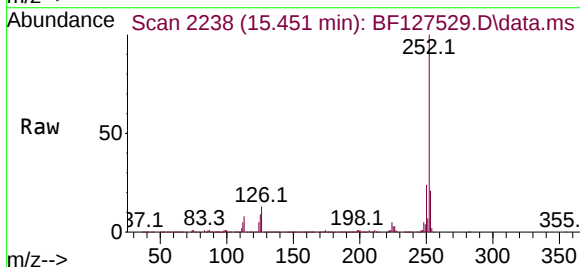
Instrument :
BNA_F
ClientSampleId :
WC-20220322MSD

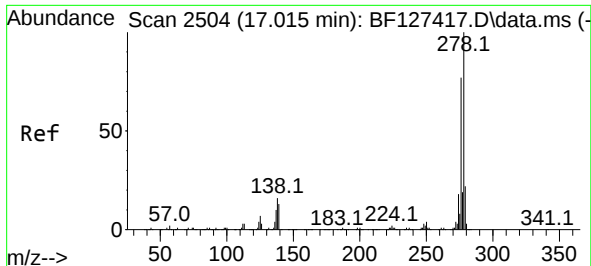
Tgt Ion:252 Resp: 552171
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 8.7 6.9 10.3



#90
Benzo(a)pyrene
Concen: 55.383 ng
RT: 15.451 min Scan# 2238
Delta R.T. 0.006 min
Lab File: BF127529.D
Acq: 25 Mar 2022 16:48

Tgt Ion:252 Resp: 566582
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.6
125 9.2 6.7 10.1

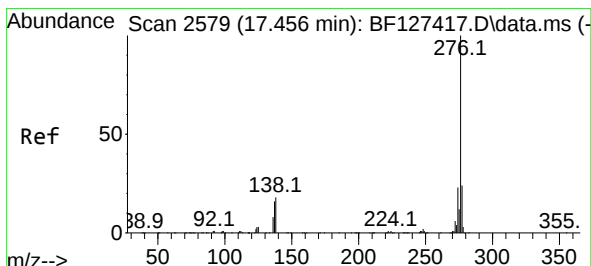
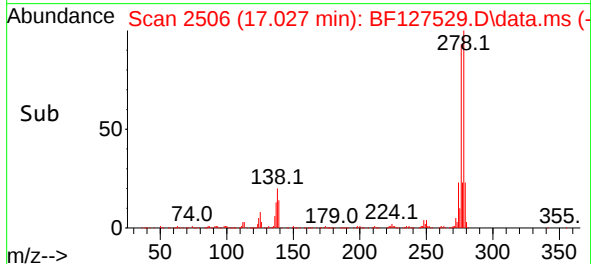
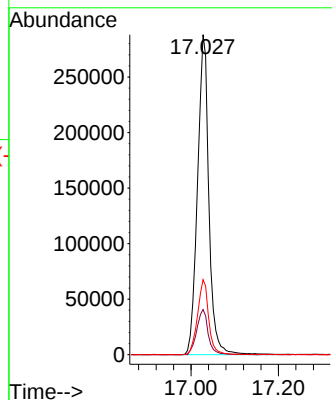
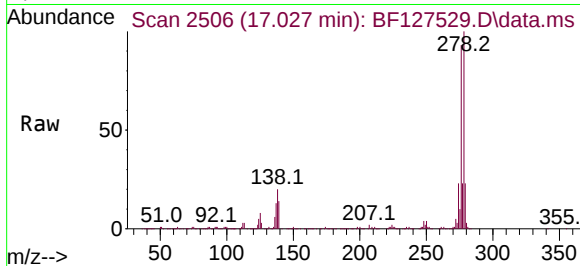




#91
 Dibenzo(a,h)anthracene
 Concen: 47.134 ng
 RT: 17.027 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF127529.D
 Acq: 25 Mar 2022 16:48

Instrument :
 BNA_F
 ClientSampleId :
 WC-20220322MSD

Tgt Ion:278 Resp: 520585
 Ion Ratio Lower Upper
 278 100
 139 14.1 10.8 16.2
 279 23.4 17.7 26.5



#92
 Benzo(g,h,i)perylene
 Concen: 42.892 ng
 RT: 17.480 min Scan# 2583
 Delta R.T. 0.024 min
 Lab File: BF127529.D
 Acq: 25 Mar 2022 16:48

Tgt Ion:276 Resp: 489654
 Ion Ratio Lower Upper
 276 100
 277 23.5 19.0 28.4
 138 19.3 14.6 22.0

