

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032322\
 Data File : BF127473.D
 Acq On : 23 Mar 2022 11:35
 Operator : CG\JU
 Sample : PB143530BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143530BS

Quant Time: Mar 24 02:11:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	97416	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	357891	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	201131	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	342139	20.000	ng	0.00
76) Chrysene-d12	14.027	240	201687	20.000	ng	0.00
86) Perylene-d12	15.504	264	166326	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	728605	119.386	ng	0.02
7) Phenol-d6	6.492	99	974916	116.865	ng	0.00
23) Nitrobenzene-d5	7.422	82	671304	80.179	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	235061	109.710	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1091949	79.277	ng	0.00
79) Terphenyl-d14	12.963	244	1114486	90.459	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	104913	39.140	ng	95
3) Pyridine	3.493	79	262901	34.750	ng	99
4) n-Nitrosodimethylamine	3.457	42	180015	43.337	ng	99
6) Aniline	6.516	93	361664	36.329	ng	98
8) 2-Chlorophenol	6.639	128	277198	44.447	ng	99
9) Benzaldehyde	6.404	77	174489	40.996	ng	96
10) Phenol	6.504	94	384198	42.289	ng	97
11) bis(2-Chloroethyl)ether	6.586	93	294307	44.272	ng	99
12) 1,3-Dichlorobenzene	6.786	146	292574	41.710	ng	98
13) 1,4-Dichlorobenzene	6.863	146	293480	41.594	ng	98
14) 1,2-Dichlorobenzene	7.016	146	284067	41.336	ng	99
15) Benzyl Alcohol	6.998	79	268237	44.244	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.122	45	515572	43.100	ng	94
17) 2-Methylphenol	7.110	107	227717	43.265	ng	95
18) Hexachloroethane	7.351	117	111117	43.016	ng	94
19) n-Nitroso-di-n-propyla...	7.263	70	214935	42.983	ng	97
20) 3+4-Methylphenols	7.263	107	276098	42.530	ng	92
22) Acetophenone	7.263	105	377901	41.307	ng	97
24) Nitrobenzene	7.439	77	339825	42.559	ng	99
25) Isophorone	7.675	82	609629	45.716	ng	99
26) 2-Nitrophenol	7.751	139	141594	42.282	ng	99
27) 2,4-Dimethylphenol	7.786	122	243731	48.384	ng	95
28) bis(2-Chloroethoxy)met...	7.881	93	358737	41.413	ng	99
29) 2,4-Dichlorophenol	7.998	162	240476	42.052	ng	97
30) 1,2,4-Trichlorobenzene	8.069	180	268067	40.227	ng	97
31) Naphthalene	8.157	128	792714	41.720	ng	99
32) Benzoic acid	7.945	122	101292	36.626	ng	94
33) 4-Chloroaniline	8.210	127	146584	19.908	ng	97
34) Hexachlorobutadiene	8.263	225	169832	40.134	ng	98
35) Caprolactam	8.592	113	42745	24.246	ng	95
36) 4-Chloro-3-methylphenol	8.698	107	255632	41.201	ng	100
37) 2-Methylnaphthalene	8.845	142	514226	42.088	ng	99
38) 1-Methylnaphthalene	8.945	142	484263	40.084	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	263590	41.218	ng	98
41) Hexachlorocyclopentadiene	8.992	237	203715	87.840	ng	96
43) 2,4,6-Trichlorophenol	9.127	196	156784	40.558	ng	97

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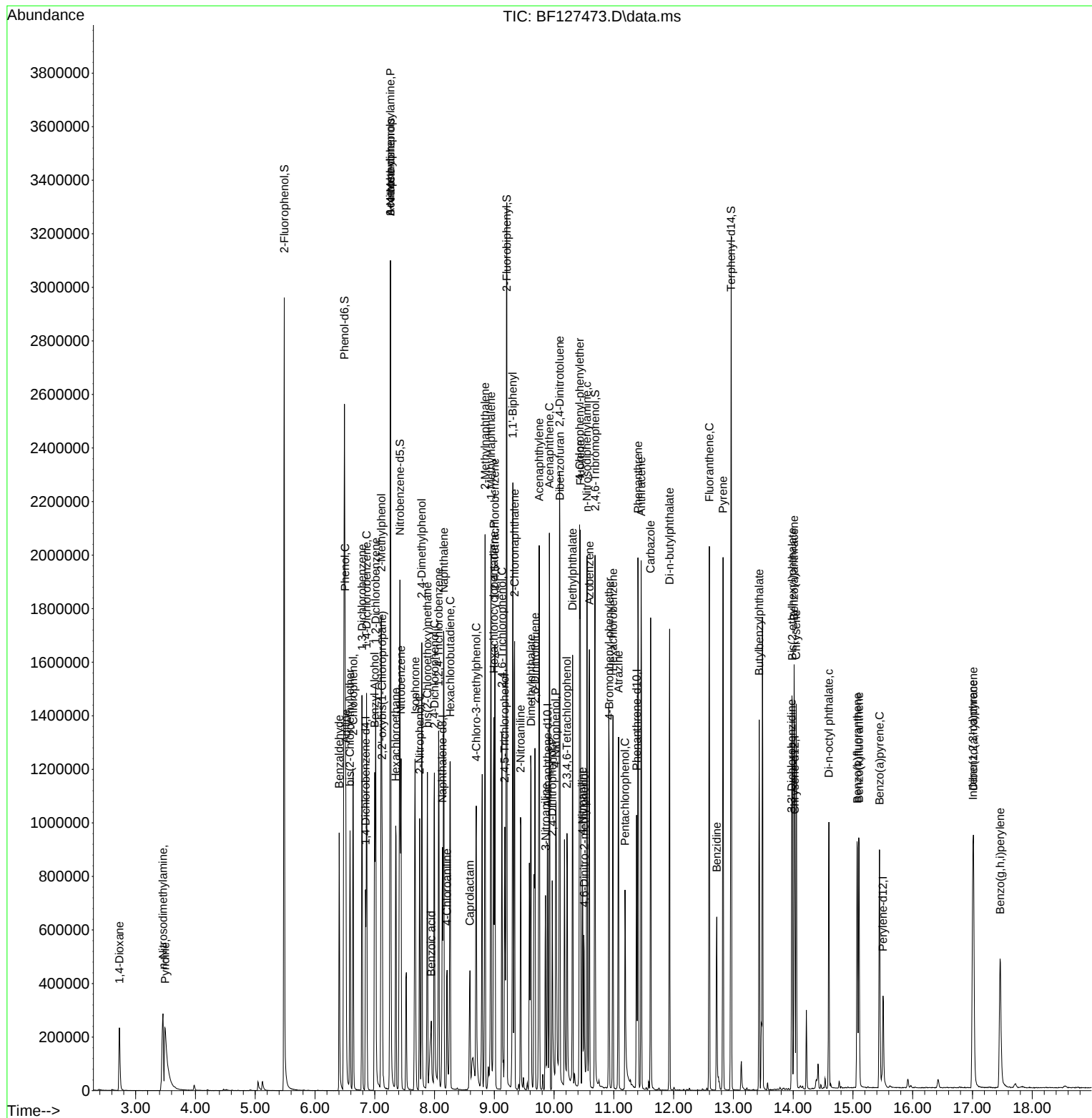
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	161657	40.625	ng	97
46) 1,1'-Biphenyl	9.310	154	622621	40.987	ng	99
47) 2-Chloronaphthalene	9.339	162	488015	40.796	ng	99
48) 2-Nitroaniline	9.439	65	188190	41.048	ng	96
49) Acenaphthylene	9.751	152	775572	42.887	ng	100
50) Dimethylphthalate	9.616	163	565436	40.410	ng	99
51) 2,6-Dinitrotoluene	9.680	165	123548	42.064	ng	95
52) Acenaphthene	9.922	154	434884	41.216	ng	98
53) 3-Nitroaniline	9.857	138	86008	26.695	ng	96
54) 2,4-Dinitrophenol	9.969	184	97890	67.554	ng	# 89
55) Dibenzofuran	10.098	168	638489	41.694	ng	100
56) 4-Nitrophenol	10.027	139	119928	73.134	ng	99
57) 2,4-Dinitrotoluene	10.092	165	150748	39.874	ng	96
58) Fluorene	10.439	166	508049	41.368	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	131703	37.435	ng	98
60) Diethylphthalate	10.310	149	503413	39.390	ng	98
61) 4-Chlorophenyl-phenyle...	10.427	204	270009	37.337	ng	99
62) 4-Nitroaniline	10.474	138	112051	37.129	ng	97
63) Azobenzene	10.592	77	586659	38.904	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	76849	36.503	ng	88
66) n-Nitrosodiphenylamine	10.551	169	432552	41.532	ng	99
67) 4-Bromophenyl-phenylether	10.921	248	165568	41.449	ng	98
68) Hexachlorobenzene	10.986	284	184225	42.251	ng	99
69) Atrazine	11.080	200	157164	45.329	ng	98
70) Pentachlorophenol	11.186	266	117013	70.391	ng	97
71) Phenanthrene	11.404	178	726512	40.730	ng	100
72) Anthracene	11.457	178	741178	41.872	ng	99
73) Carbazole	11.616	167	648642	38.318	ng	99
74) Di-n-butylphthalate	11.933	149	744768	42.504	ng	99
75) Fluoranthene	12.598	202	789233	40.228	ng	99
77) Benzidine	12.721	184	252991	52.608	ng	99
78) Pyrene	12.827	202	779844	45.054	ng	100
80) Butylbenzylphthalate	13.433	149	257857	45.263	ng	96
81) Benzo(a)anthracene	14.015	228	556344	41.248	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	102218	25.786	ng	100
83) Chrysene	14.051	228	513494	40.204	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	313483	47.603	ng	100
85) Di-n-octyl phthalate	14.598	149	412816	47.108	ng	99
87) Indeno(1,2,3-cd)pyrene	17.009	276	462146	41.063	ng	98
88) Benzo(b)fluoranthene	15.074	252	443494	42.289	ng	97
89) Benzo(k)fluoranthene	15.104	252	428051	39.373	ng	99
90) Benzo(a)pyrene	15.445	252	430402	50.008	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	413415	44.492	ng	98
92) Benzo(g,h,i)perylene	17.462	276	411091	42.803	ng	99

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

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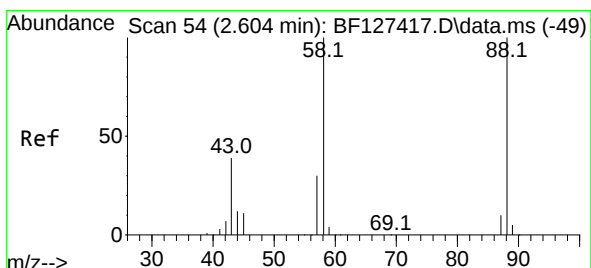
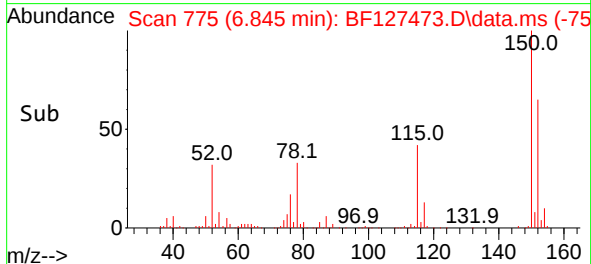
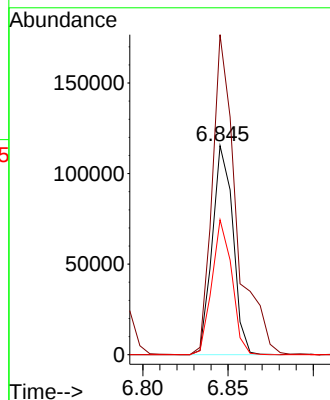
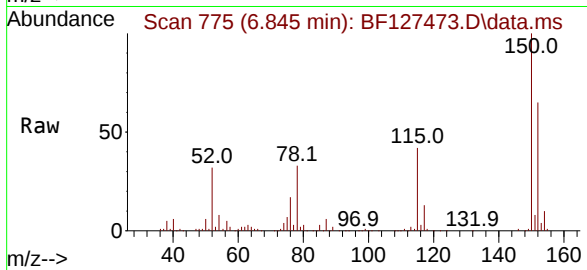




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127473.D
 Acq: 23 Mar 2022 11:35

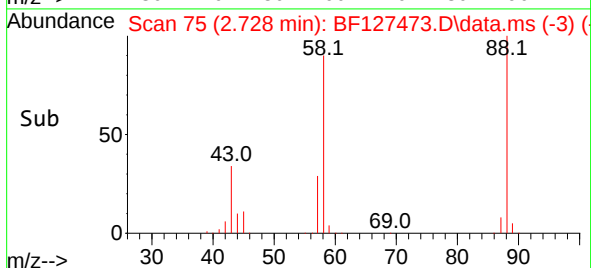
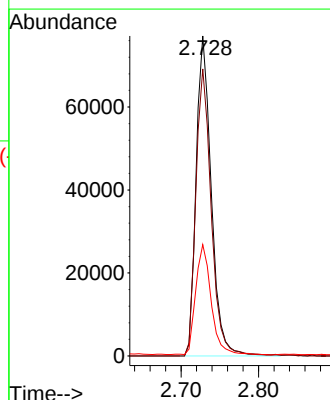
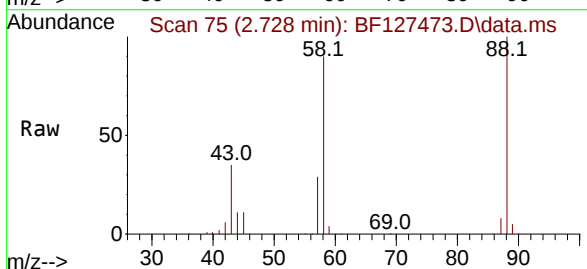
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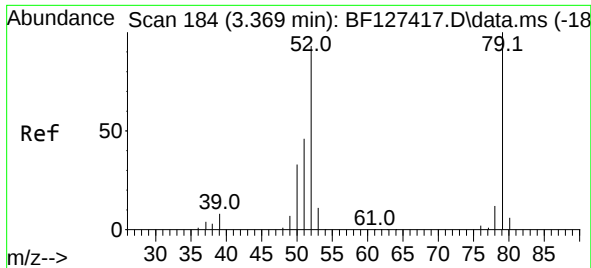
Tgt Ion:152 Resp: 97416
 Ion Ratio Lower Upper
 152 100
 150 153.2 117.2 175.8
 115 64.5 49.8 74.6



#2
 1,4-Dioxane
 Concen: 39.140 ng
 RT: 2.728 min Scan# 75
 Delta R.T. 0.124 min
 Lab File: BF127473.D
 Acq: 23 Mar 2022 11:35

Tgt Ion: 88 Resp: 104913
 Ion Ratio Lower Upper
 88 100
 58 91.1 77.0 115.4
 43 35.7 31.3 46.9

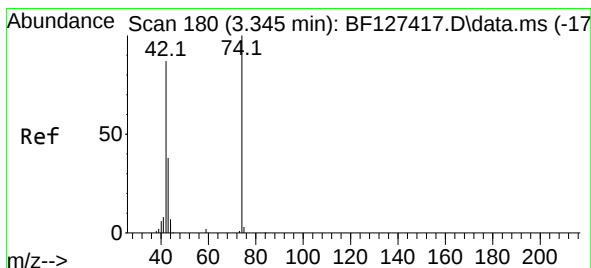
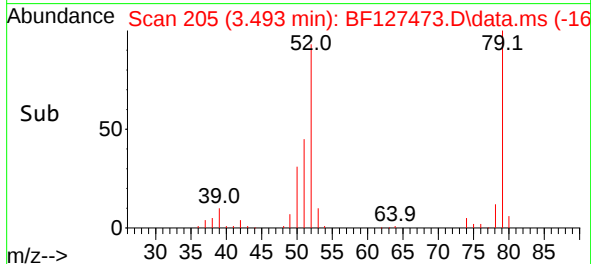
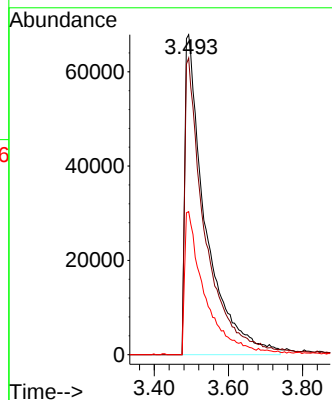
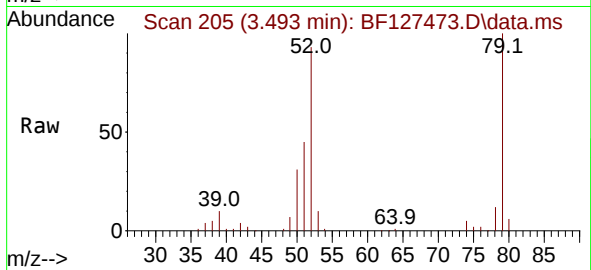




#3
Pyridine
Concen: 34.750 ng
RT: 3.493 min Scan# 20
Delta R.T. 0.124 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

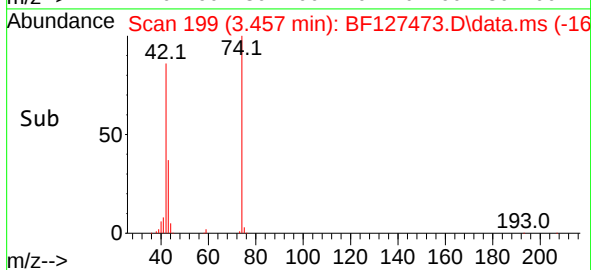
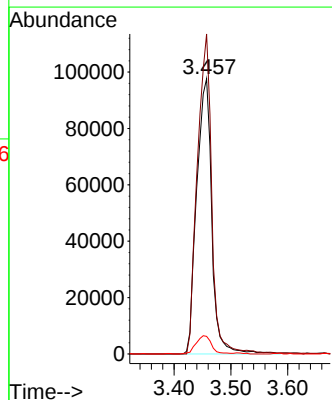
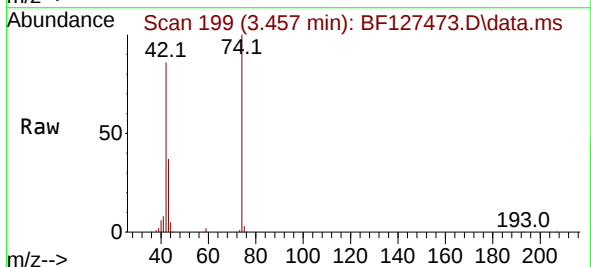
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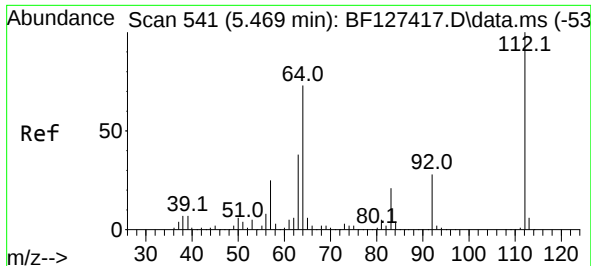
Tgt Ion: 79 Resp: 262901
Ion Ratio Lower Upper
79 100
52 92.7 74.2 111.4
51 44.7 36.7 55.1



#4
n-Nitrosodimethylamine
Concen: 43.337 ng
RT: 3.457 min Scan# 199
Delta R.T. 0.112 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

Tgt Ion: 42 Resp: 180015
Ion Ratio Lower Upper
42 100
74 116.3 92.4 138.6
44 6.4 6.0 9.0

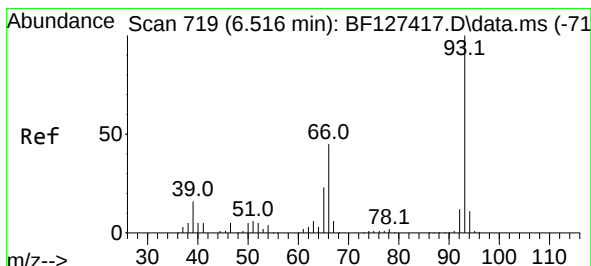
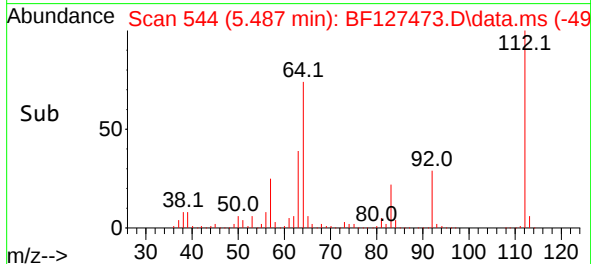
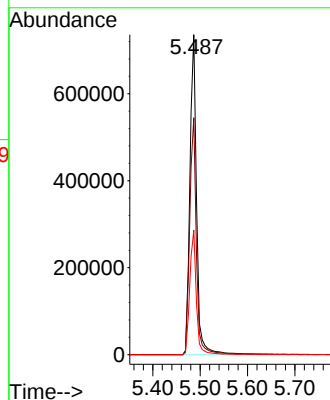
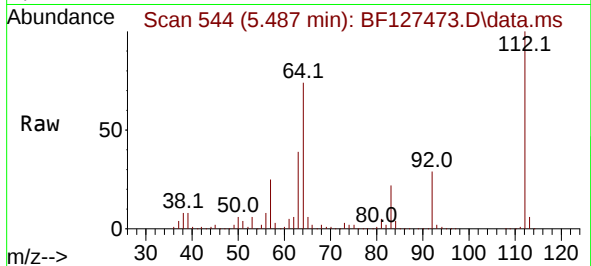




#5
2-Fluorophenol
Concen: 119.386 ng
RT: 5.487 min Scan# 541
Delta R.T. 0.018 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

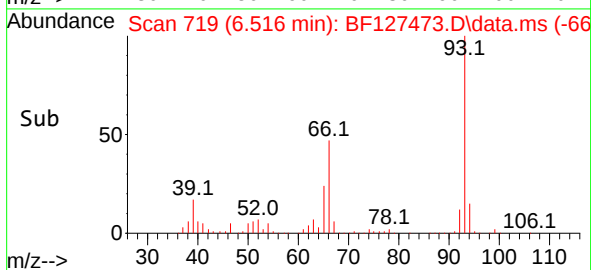
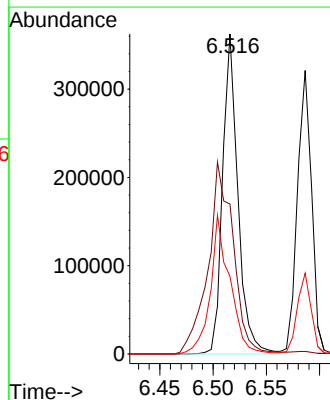
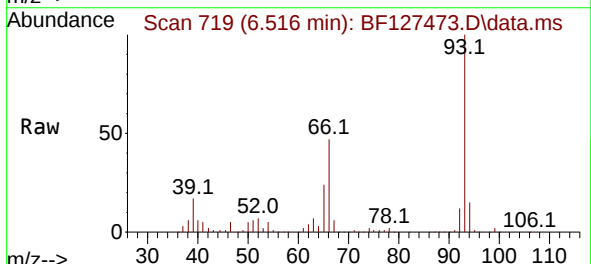
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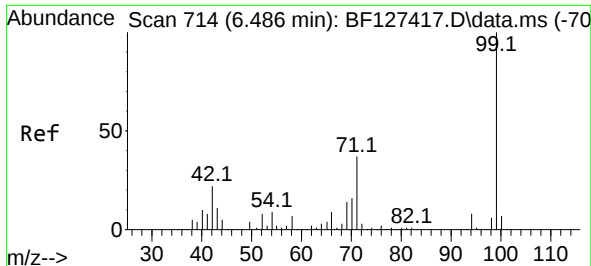
Tgt Ion:112 Resp: 728605
Ion Ratio Lower Upper
112 100
64 74.0 58.4 87.6
63 38.9 30.1 45.1



#6
Aniline
Concen: 36.329 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

Tgt Ion: 93 Resp: 361664
Ion Ratio Lower Upper
93 100
66 46.9 36.2 54.4
65 24.2 18.4 27.6

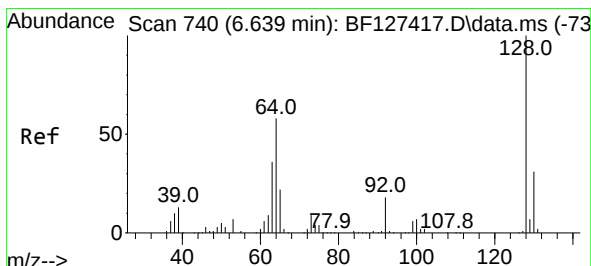
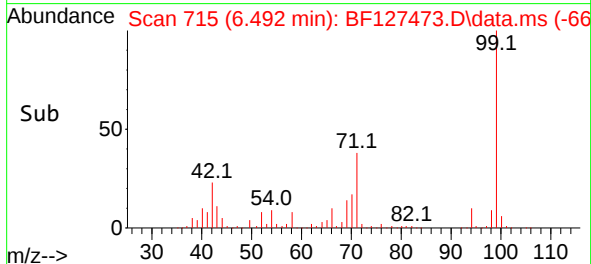
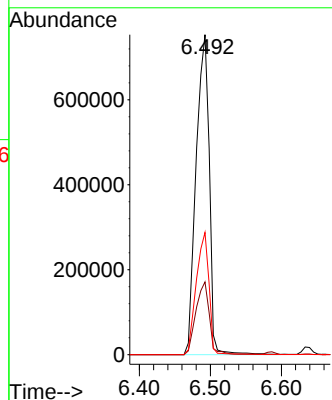
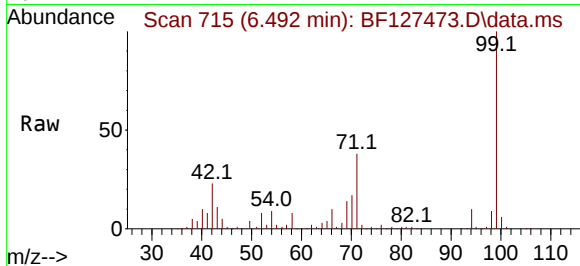




#7
Phenol-d6
Concen: 116.865 ng
RT: 6.492 min Scan# 715
Delta R.T. 0.006 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

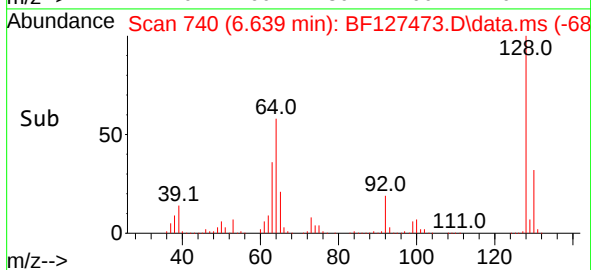
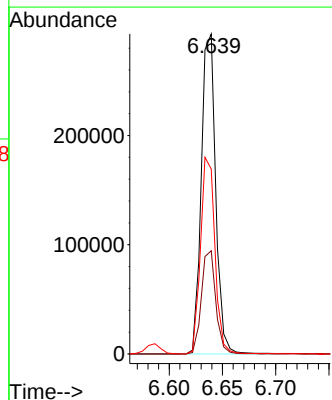
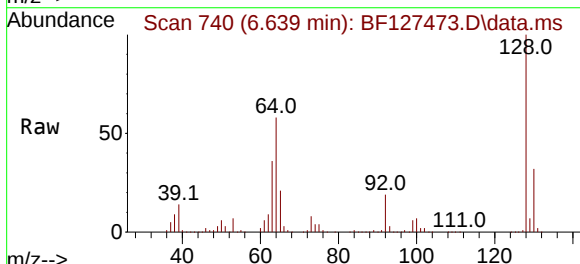
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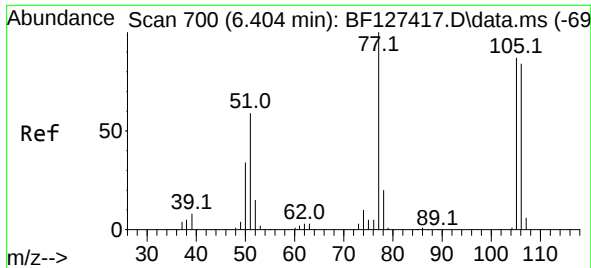
Tgt Ion: 99 Resp: 974916
Ion Ratio Lower Upper
99 100
42 22.8 17.8 26.6
71 38.2 29.6 44.4



#8
2-Chlorophenol
Concen: 44.447 ng
RT: 6.639 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF127473.D
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Tgt Ion: 128 Resp: 277198
Ion Ratio Lower Upper
128 100
130 32.3 11.3 51.3
64 57.8 38.4 78.4

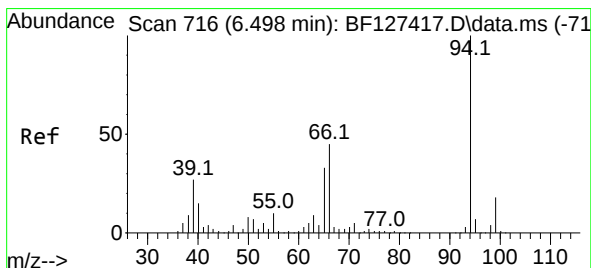
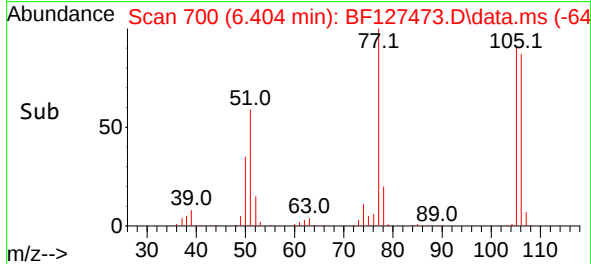
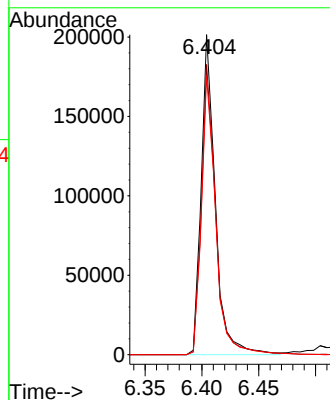
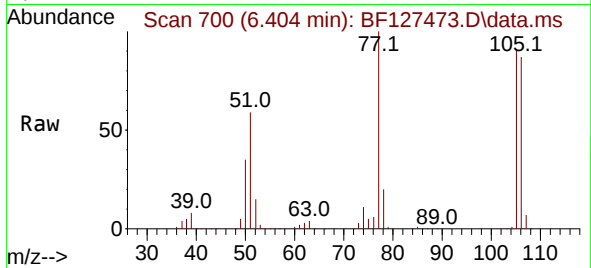




#9
Benzaldehyde
Concen: 40.996 ng
RT: 6.404 min Scan# 700
Delta R.T. 0.000 min
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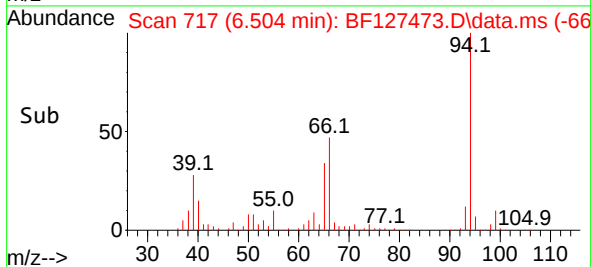
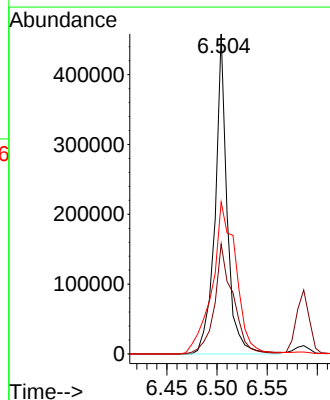
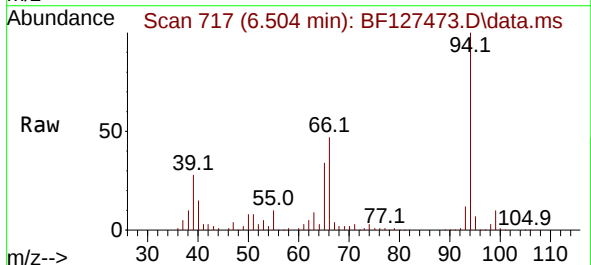
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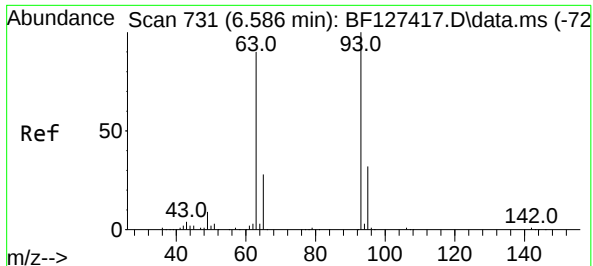
Tgt Ion: 77 Resp: 174489
Ion Ratio Lower Upper
77 100
105 90.6 66.8 106.8
106 87.2 64.3 104.3



#10
Phenol
Concen: 42.289 ng
RT: 6.504 min Scan# 717
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 384198
Ion Ratio Lower Upper
94 100
65 34.3 13.1 53.1
66 47.5 24.9 64.9

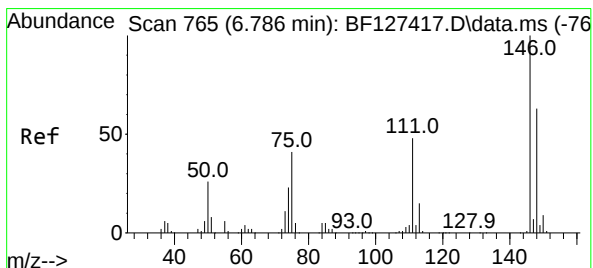
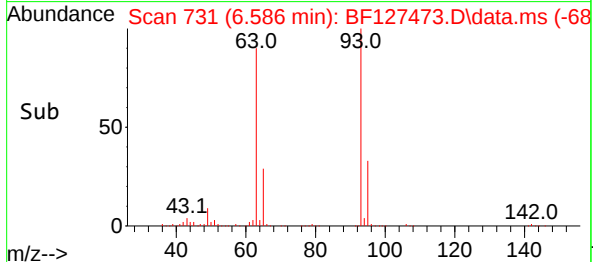
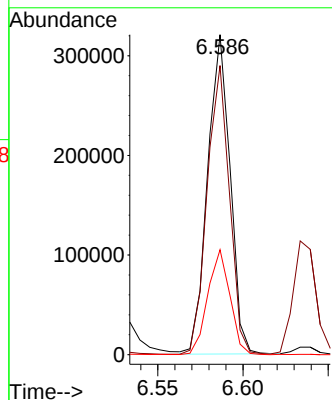
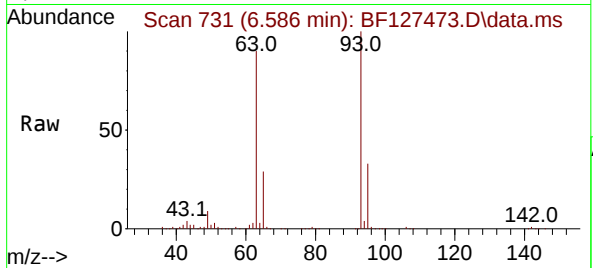




#11
bis(2-Chloroethyl)ether
Concen: 44.272 ng
RT: 6.586 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

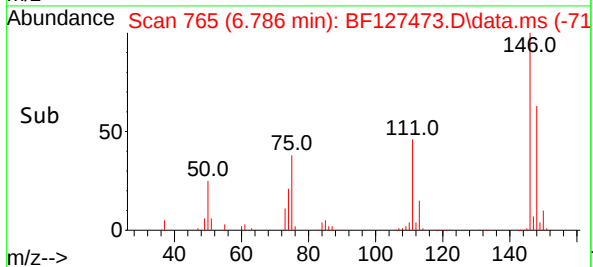
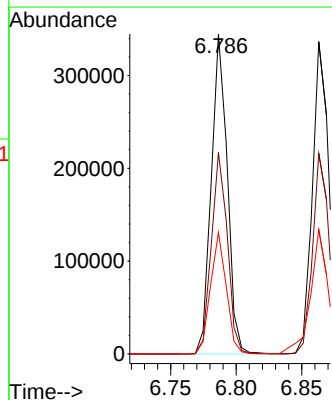
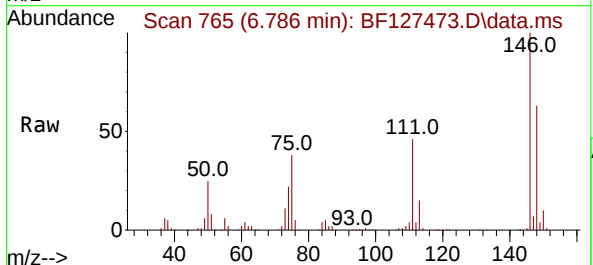
Instrument :
BNA_F
ClientSampleId :
PB143530BS

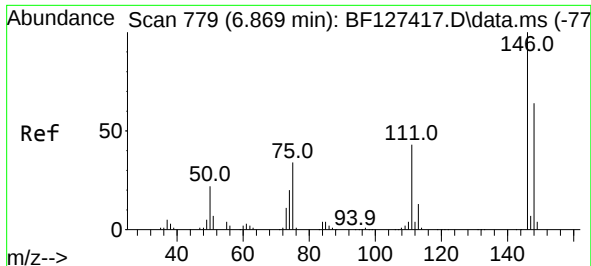
Tgt Ion: 93 Resp: 294307
Ion Ratio Lower Upper
93 100
63 90.4 69.6 109.6
95 32.8 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 41.710 ng
RT: 6.786 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

Tgt Ion:146 Resp: 292574
Ion Ratio Lower Upper
146 100
148 62.9 50.6 76.0
75 37.9 32.4 48.6

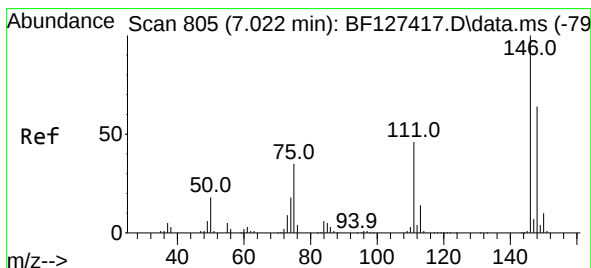
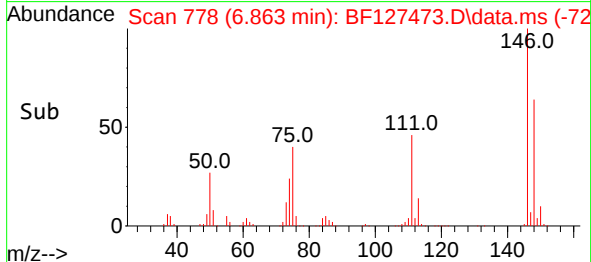
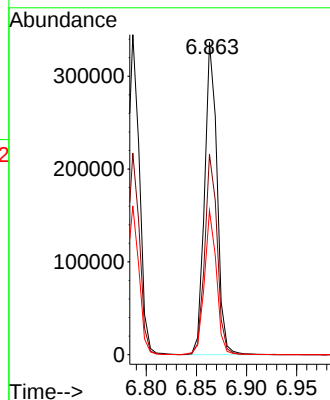
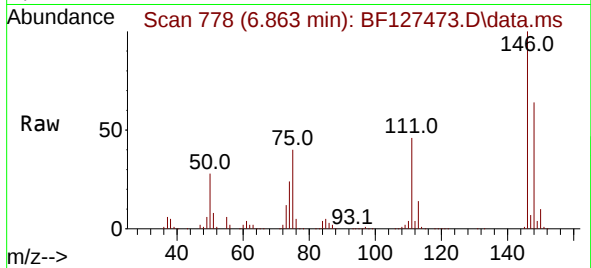




#13
1,4-Dichlorobenzene
Concen: 41.594 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

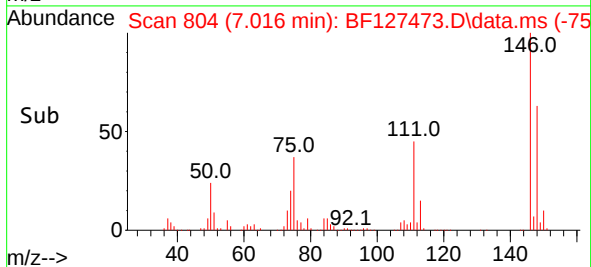
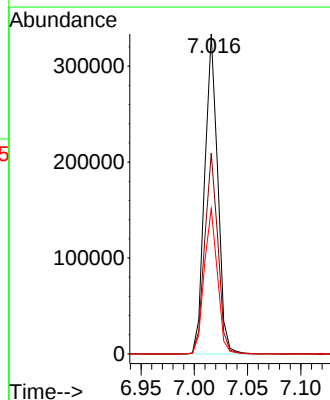
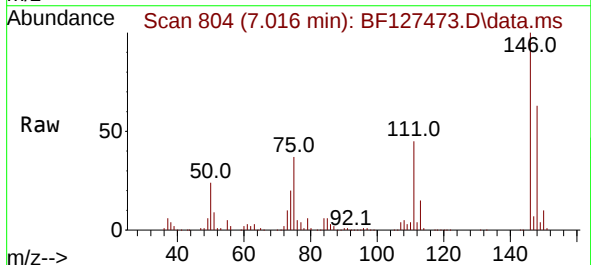
Instrument :
BNA_F
ClientSampleId :
PB143530BS

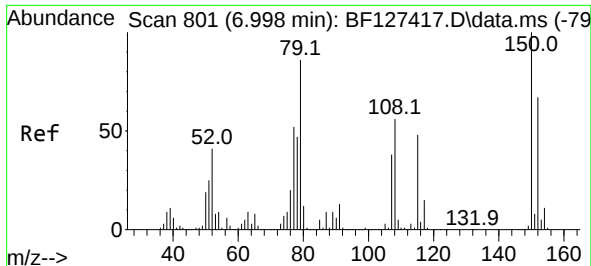
Tgt Ion:146 Resp: 293480
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
111 46.1 34.2 51.4



#14
1,2-Dichlorobenzene
Concen: 41.336 ng
RT: 7.016 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

Tgt Ion:146 Resp: 284067
Ion Ratio Lower Upper
146 100
148 62.7 51.4 77.2
111 45.4 36.4 54.6

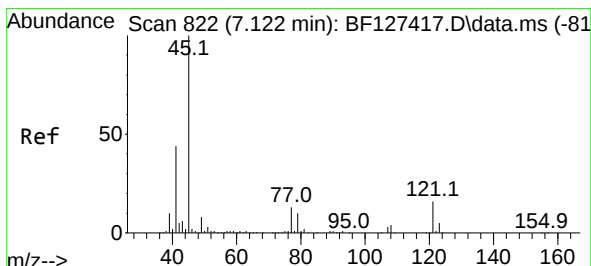
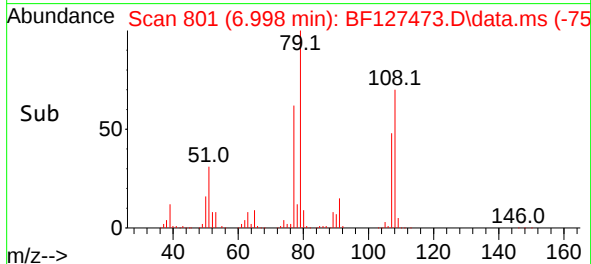
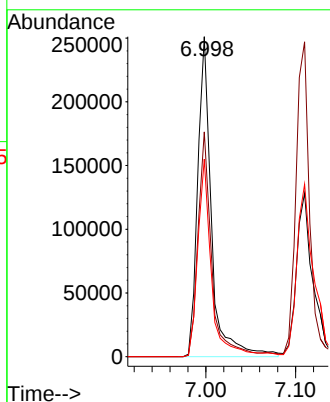
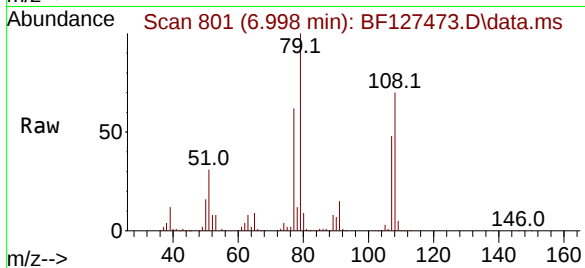




#15
Benzyl Alcohol
Concen: 44.244 ng
RT: 6.998 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

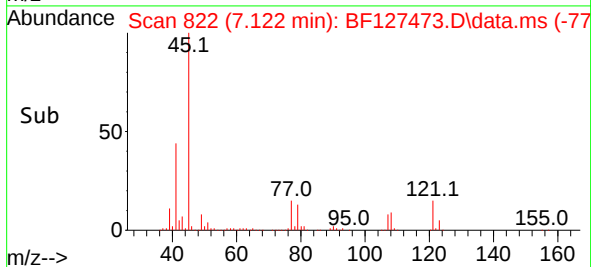
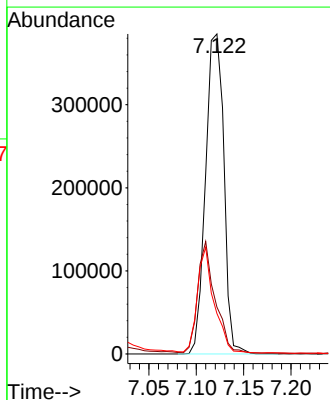
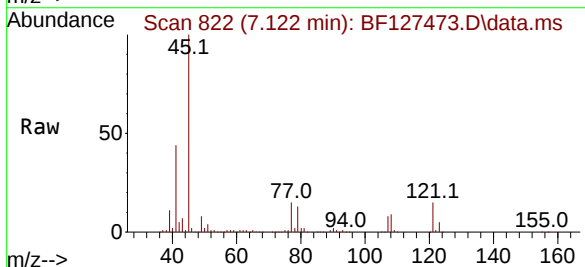
Instrument :
BNA_F
ClientSampleId :
PB143530BS

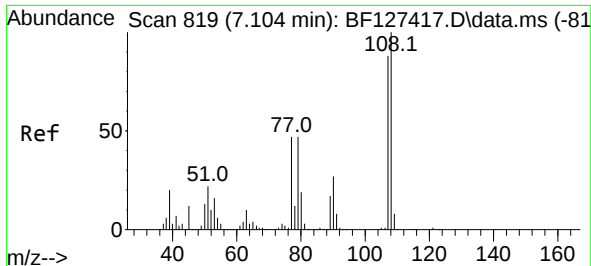
Tgt Ion: 79 Resp: 268237
Ion Ratio Lower Upper
79 100
108 70.3 52.2 78.2
77 61.7 48.3 72.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.100 ng
RT: 7.122 min Scan# 822
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

Tgt Ion: 45 Resp: 515572
Ion Ratio Lower Upper
45 100
77 14.6 0.0 32.9
79 12.6 0.0 29.9

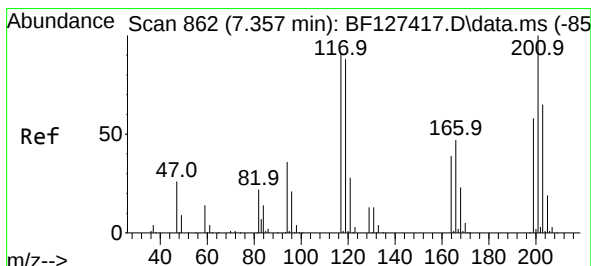
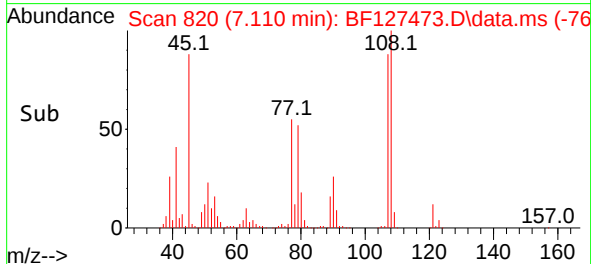
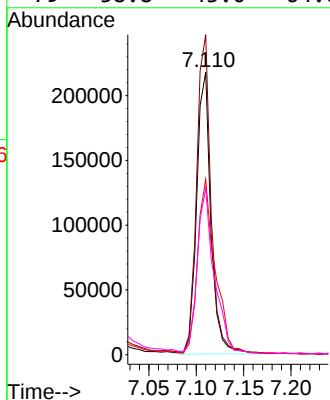
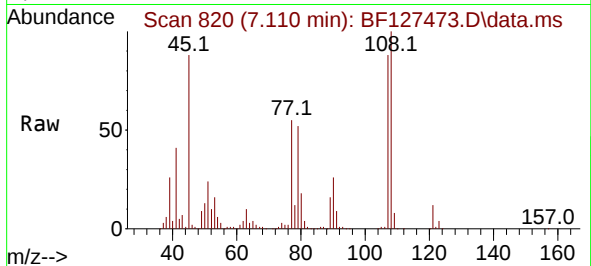




#17
2-Methylphenol
Concen: 43.265 ng
RT: 7.110 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

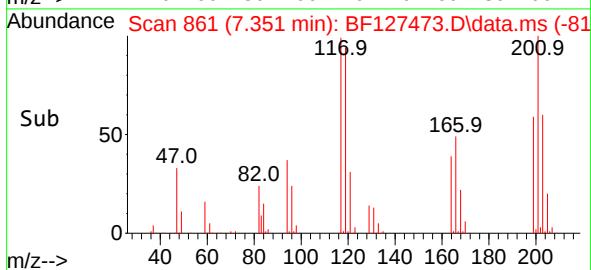
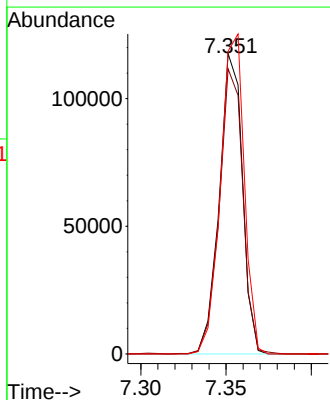
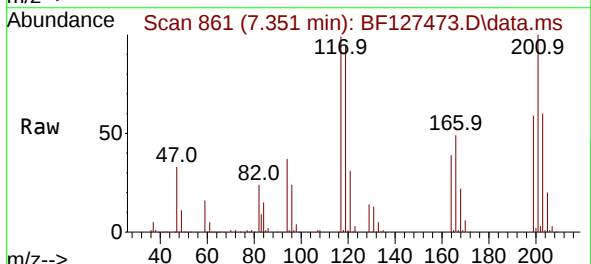
Instrument :
BNA_F
ClientSampleId :
PB143530BS

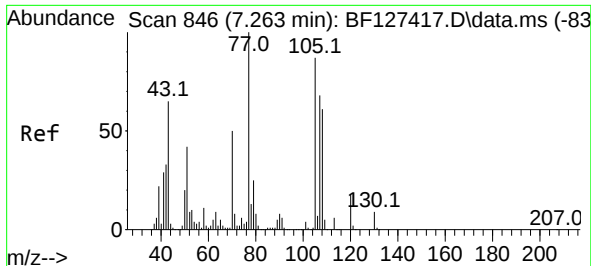
Tgt Ion:107 Resp: 227717
Ion Ratio Lower Upper
107 100
108 113.2 90.7 136.1
77 62.1 42.9 64.3
79 58.8 43.0 64.6



#18
Hexachloroethane
Concen: 43.016 ng
RT: 7.351 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

Tgt Ion:117 Resp: 111117
Ion Ratio Lower Upper
117 100
119 94.9 77.6 116.4
201 100.9 88.2 132.2



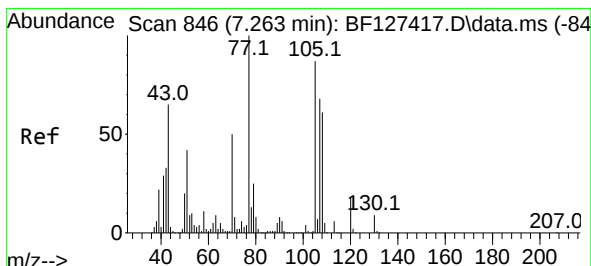
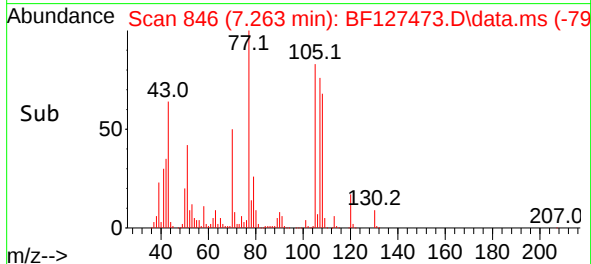
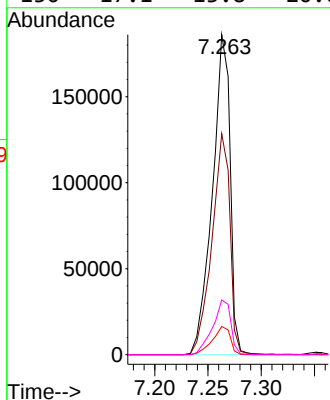
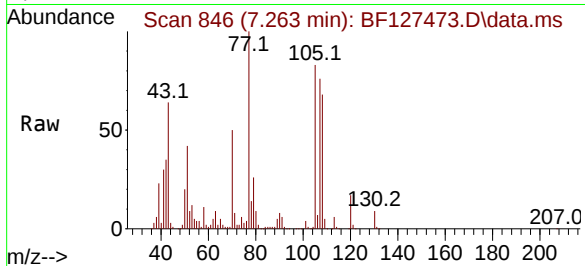


#19
n-Nitroso-di-n-propylamine
Concen: 42.983 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

Instrument :
BNA_F
ClientSampleId :
PB143530BS

Tgt Ion: 70 Resp: 214935

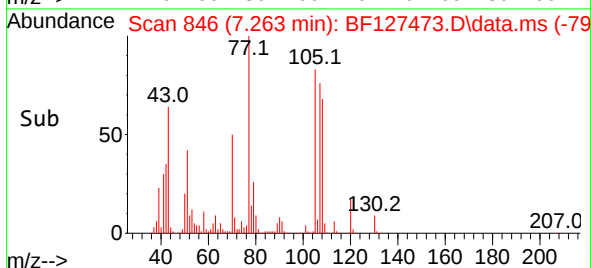
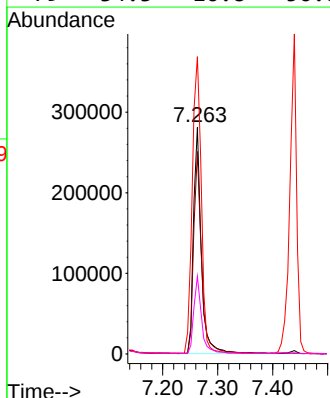
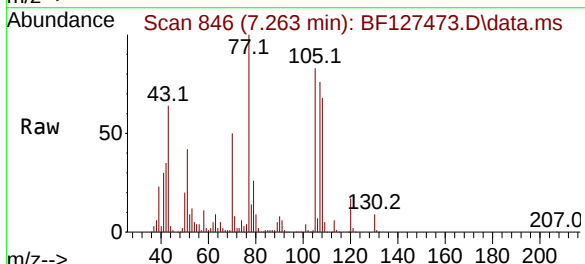
Ion	Ratio	Lower	Upper
70	100		
42	69.0	53.0	79.6
101	8.8	6.8	10.2
130	17.1	13.8	20.6

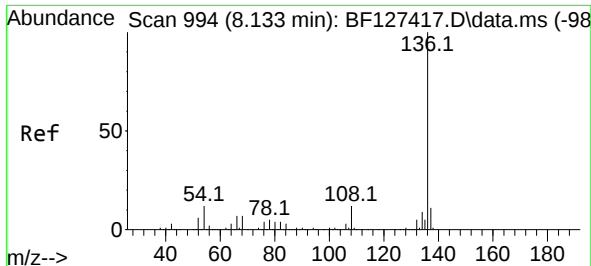


#20
3+4-Methylphenols
Concen: 42.530 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

Tgt Ion: 107 Resp: 276098

Ion	Ratio	Lower	Upper
107	100		
108	89.3	70.7	110.7
77	131.2	127.9	167.9
79	34.3	16.8	56.8

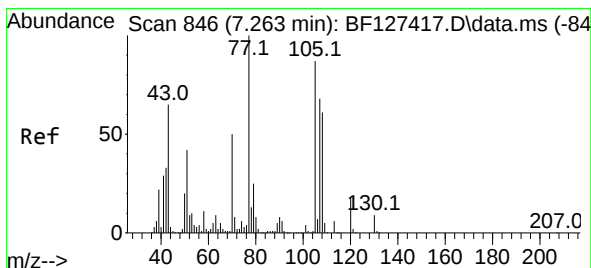
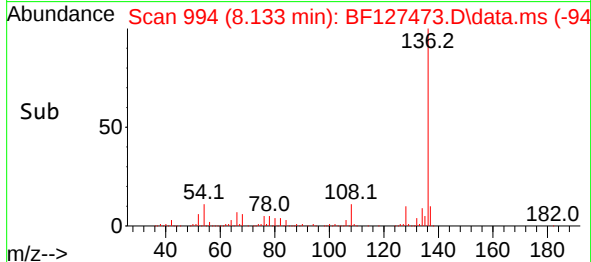
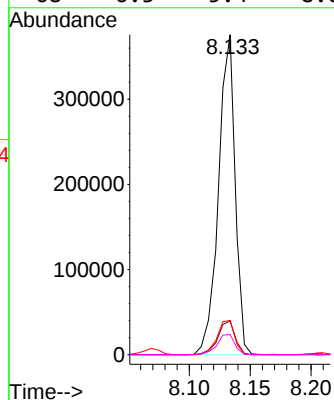
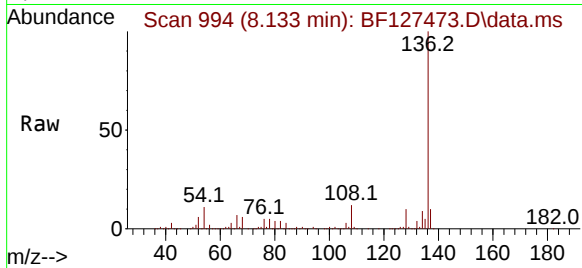




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

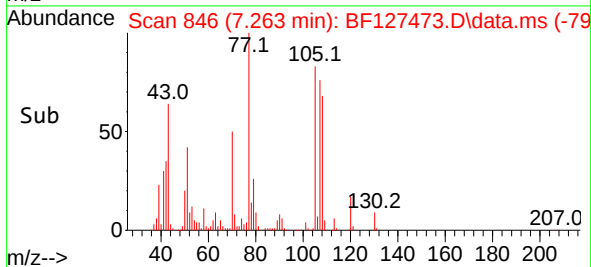
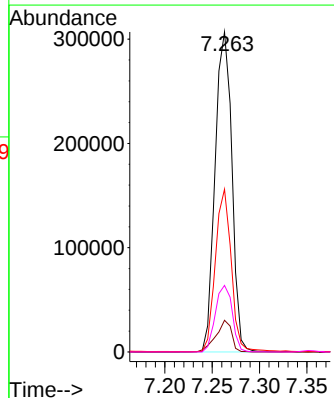
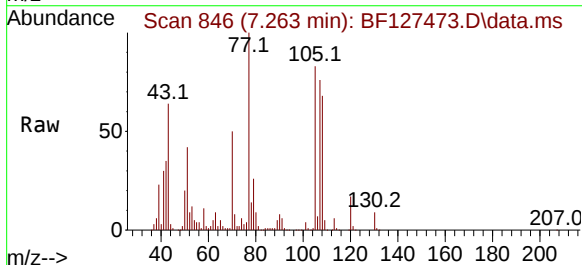
Instrument :
BNA_F
ClientSampleId :
PB143530BS

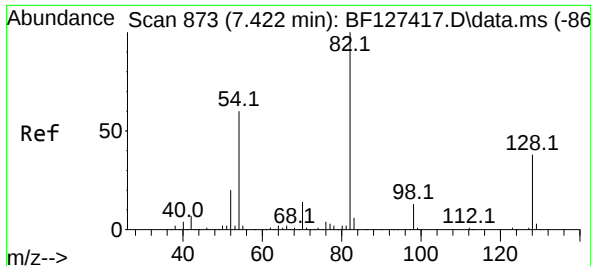
Tgt Ion:136 Resp: 357891
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 10.7 9.2 13.8
68 6.3 5.4 8.0



#22
Acetophenone
Concen: 41.307 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

Tgt Ion:105 Resp: 377901
Ion Ratio Lower Upper
105 100
71 9.9 7.3 10.9
51 50.9 38.8 58.2
120 20.8 16.5 24.7





#23

Nitrobenzene-d5

Concen: 80.179 ng

RT: 7.422 min Scan# 873

Delta R.T. 0.000 min

Lab File: BF127473.D

Acq: 23 Mar 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB143530BS

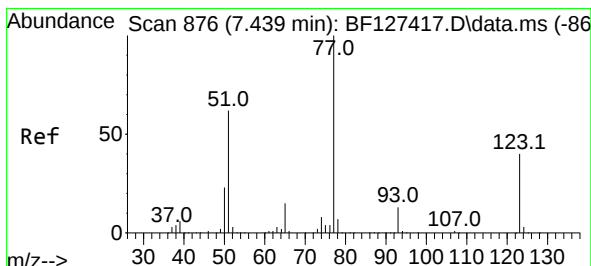
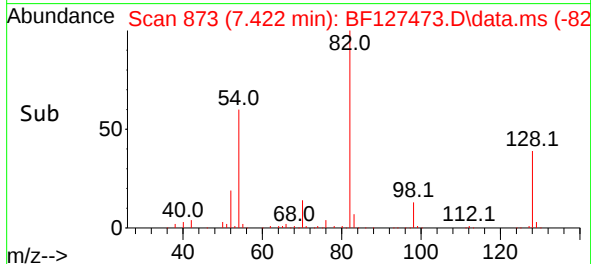
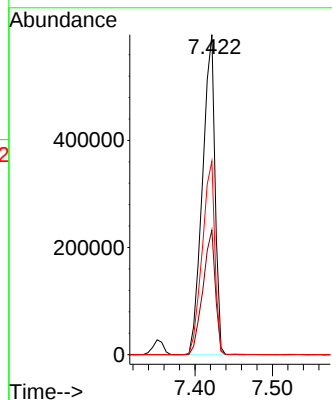
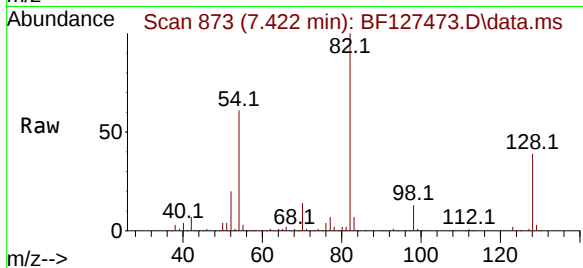
Tgt Ion: 82 Resp: 671304

Ion Ratio Lower Upper

82 100

128 38.9 30.6 45.8

54 60.5 48.2 72.2



#24

Nitrobenzene

Concen: 42.559 ng

RT: 7.439 min Scan# 876

Delta R.T. 0.000 min

Lab File: BF127473.D

Acq: 23 Mar 2022 11:35

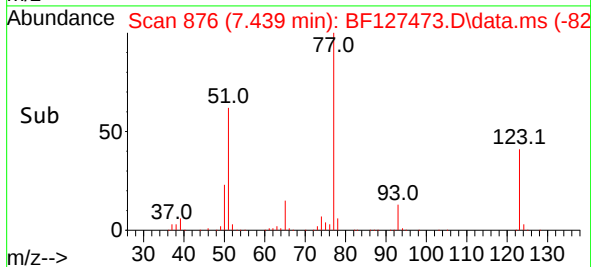
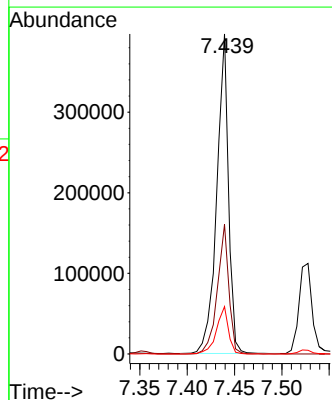
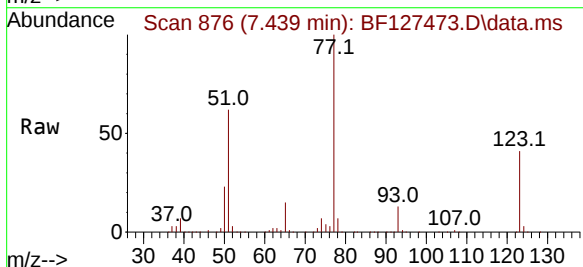
Tgt Ion: 77 Resp: 339825

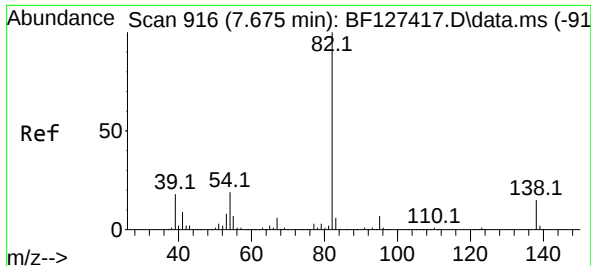
Ion Ratio Lower Upper

77 100

123 40.5 32.0 48.0

65 14.8 12.2 18.2

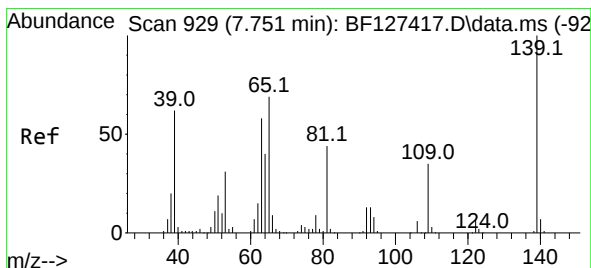
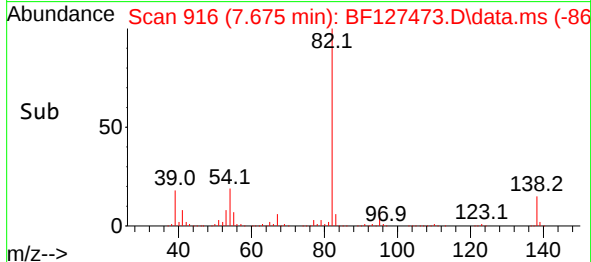
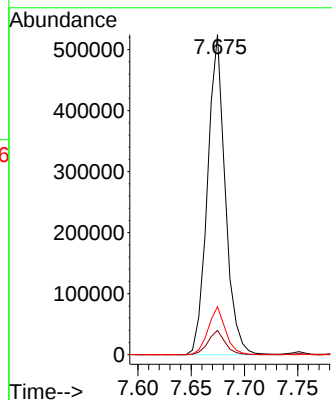
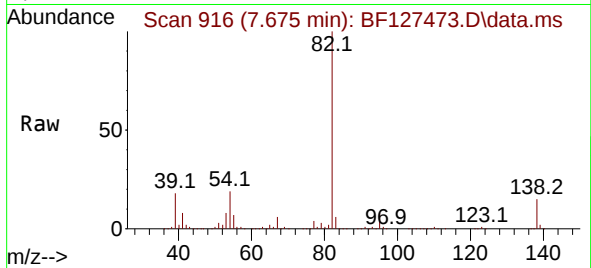




#25
Isophorone
Concen: 45.716 ng
RT: 7.675 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

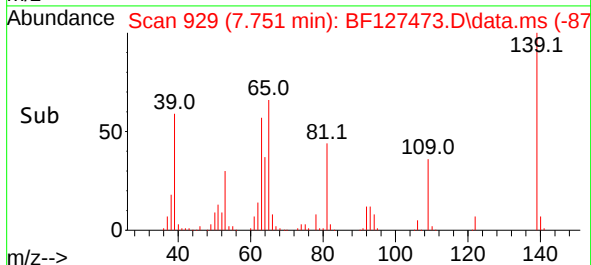
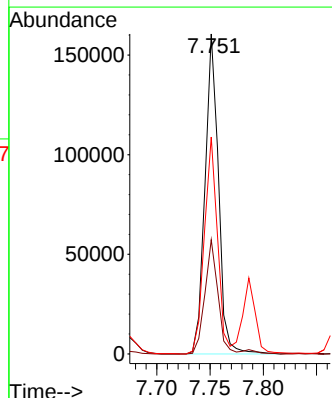
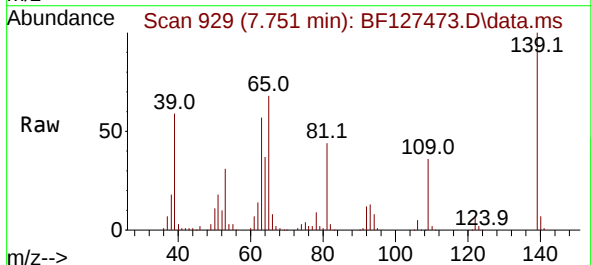
Instrument :
BNA_F
ClientSampleId :
PB143530BS

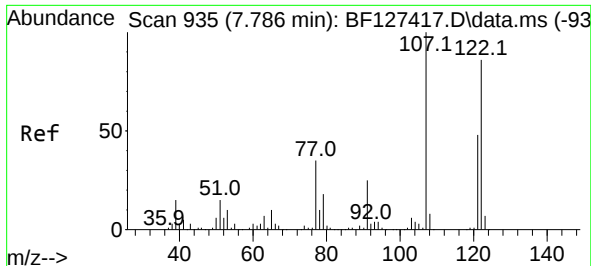
Tgt Ion: 82 Resp: 609629
Ion Ratio Lower Upper
82 100
95 7.6 5.8 8.8
138 15.0 11.6 17.4



#26
2-Nitrophenol
Concen: 42.282 ng
RT: 7.751 min Scan# 929
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

Tgt Ion: 139 Resp: 141594
Ion Ratio Lower Upper
139 100
109 35.7 28.2 42.2
65 67.8 55.3 82.9





#27

2,4-Dimethylphenol

Concen: 48.384 ng

RT: 7.786 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF127473.D

Acq: 23 Mar 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB143530BS

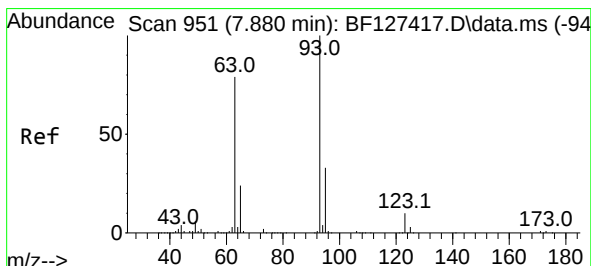
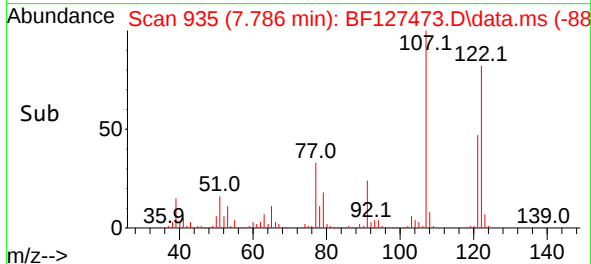
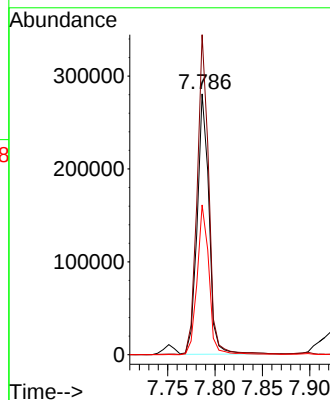
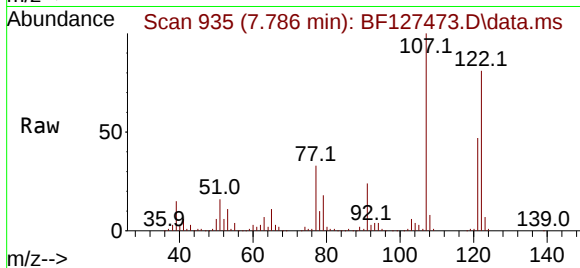
Tgt Ion:122 Resp: 243731

Ion Ratio Lower Upper

122 100

107 122.7 93.0 139.4

121 57.5 44.9 67.3



#28

bis(2-Chloroethoxy)methane

Concen: 41.413 ng

RT: 7.881 min Scan# 951

Delta R.T. 0.000 min

Lab File: BF127473.D

Acq: 23 Mar 2022 11:35

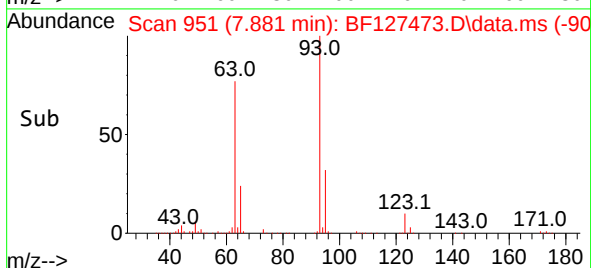
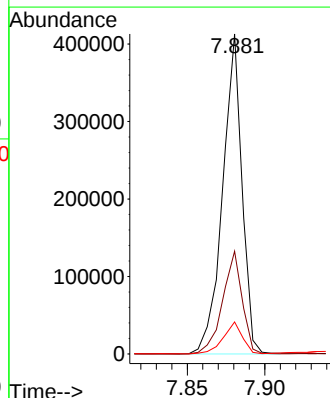
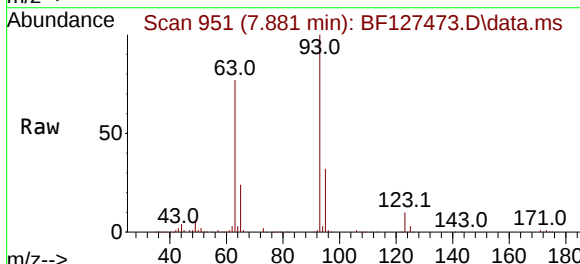
Tgt Ion: 93 Resp: 358737

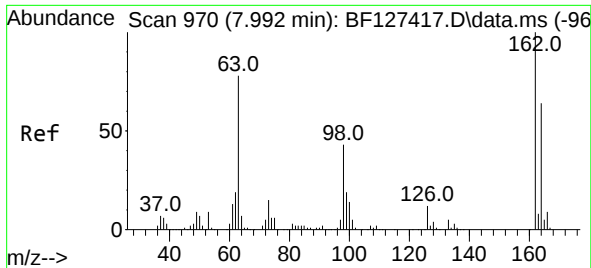
Ion Ratio Lower Upper

93 100

95 32.1 26.3 39.5

123 10.0 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 42.052 ng

RT: 7.998 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF127473.D

Acq: 23 Mar 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB143530BS

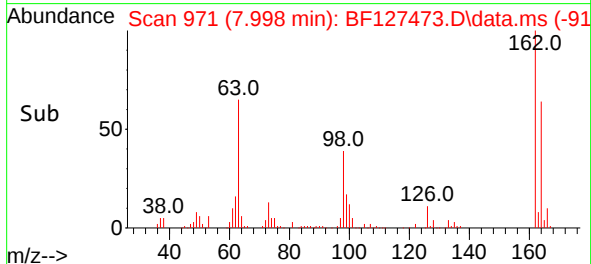
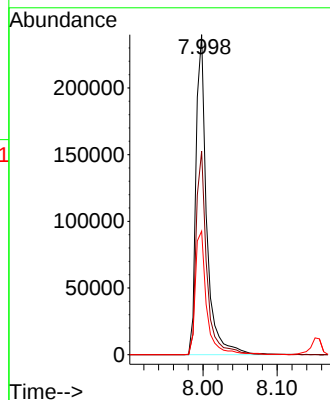
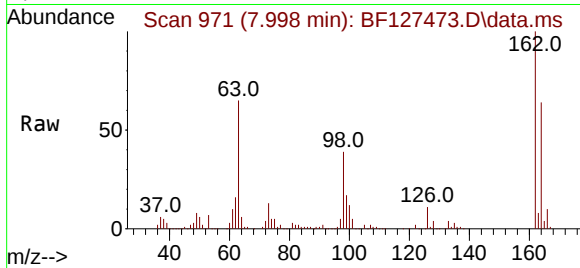
Tgt Ion:162 Resp: 240476

Ion Ratio Lower Upper

162 100

164 63.6 43.7 83.7

98 38.6 23.5 63.5



#30

1,2,4-Trichlorobenzene

Concen: 40.227 ng

RT: 8.069 min Scan# 983

Delta R.T. -0.006 min

Lab File: BF127473.D

Acq: 23 Mar 2022 11:35

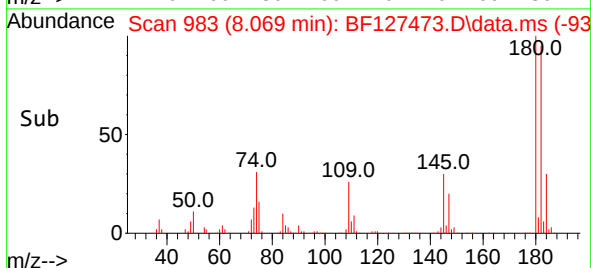
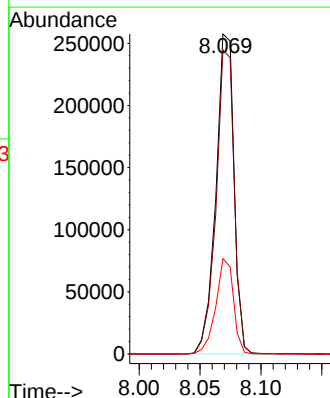
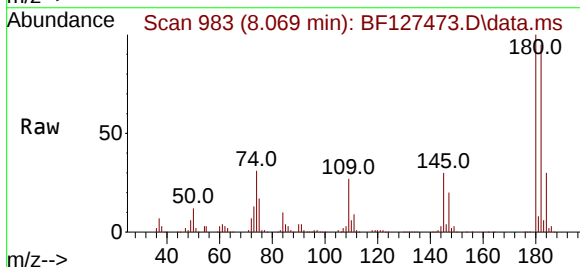
Tgt Ion:180 Resp: 268067

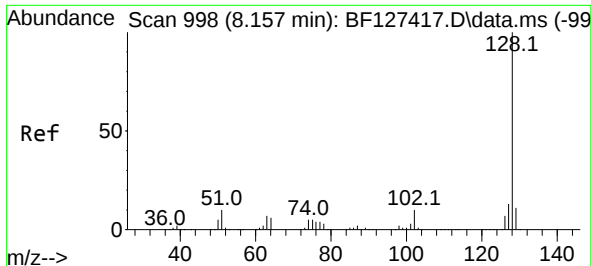
Ion Ratio Lower Upper

180 100

182 95.0 73.8 110.6

145 29.8 23.3 34.9

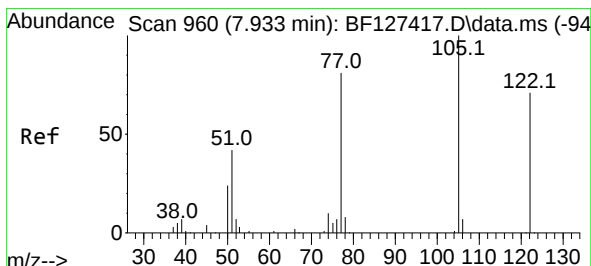
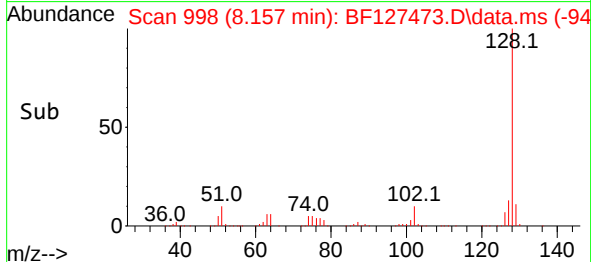
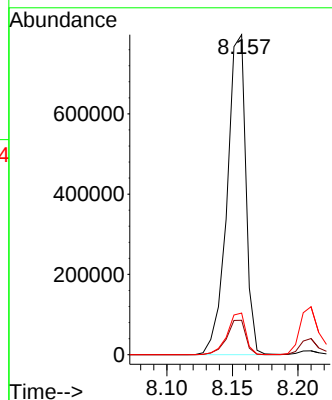
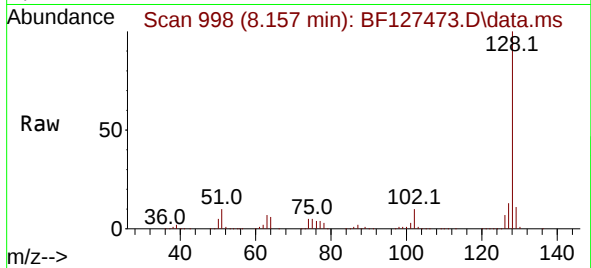




#31
Naphthalene
Concen: 41.720 ng
RT: 8.157 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

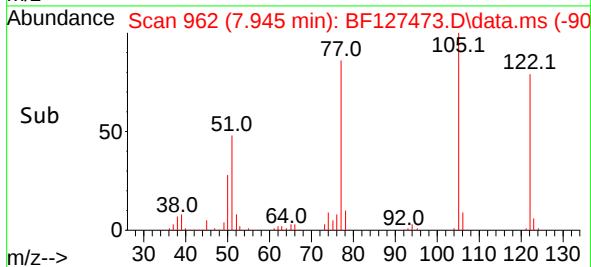
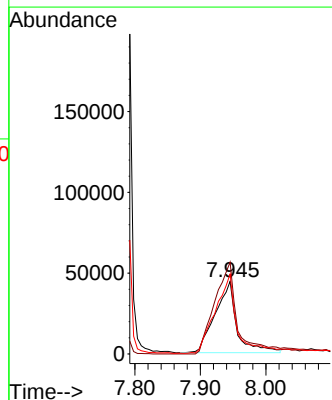
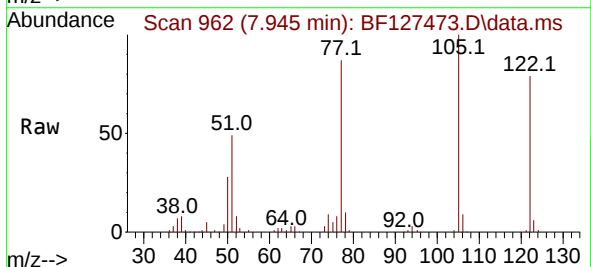
Instrument :
BNA_F
ClientSampleId :
PB143530BS

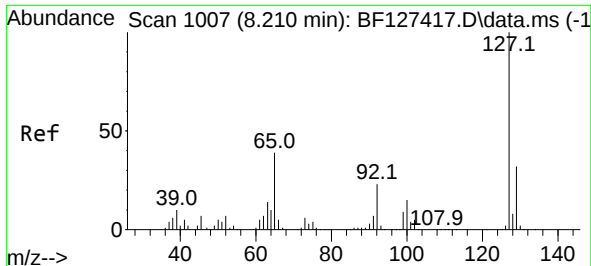
Tgt Ion:128 Resp: 792714
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 13.0 10.2 15.2



#32
Benzoic acid
Concen: 36.626 ng
RT: 7.945 min Scan# 962
Delta R.T. 0.012 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

Tgt Ion:122 Resp: 101292
Ion Ratio Lower Upper
122 100
105 126.5 117.1 157.1
77 110.2 93.0 133.0

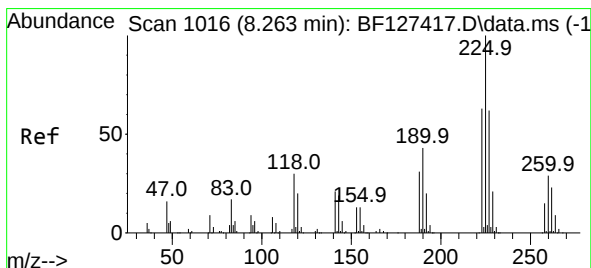
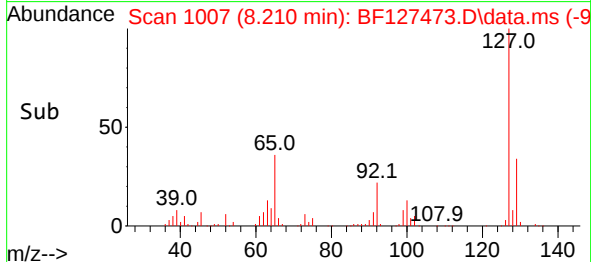
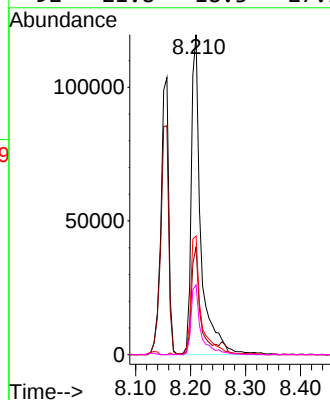
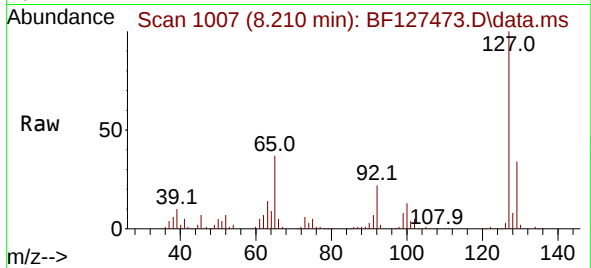




#33
4-Chloroaniline
Concen: 19.908 ng
RT: 8.210 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

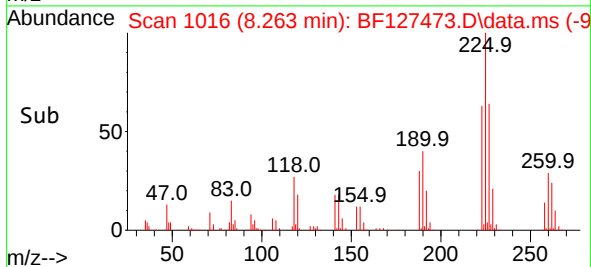
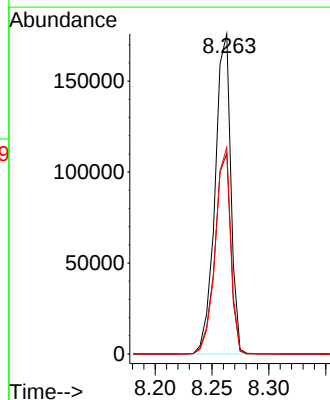
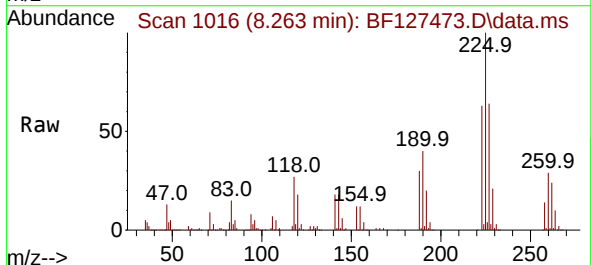
Instrument :
BNA_F
ClientSampleId :
PB143530BS

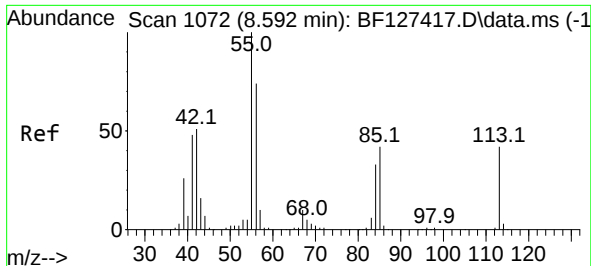
Tgt Ion:	127	Resp:	146584
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.9	38.9
65	37.1	31.4	47.0
92	21.8	18.3	27.5



#34
Hexachlorobutadiene
Concen: 40.134 ng
RT: 8.263 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

Tgt Ion:	225	Resp:	169832
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	64.4	49.6	74.4

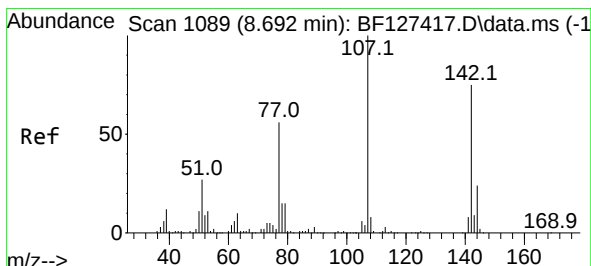
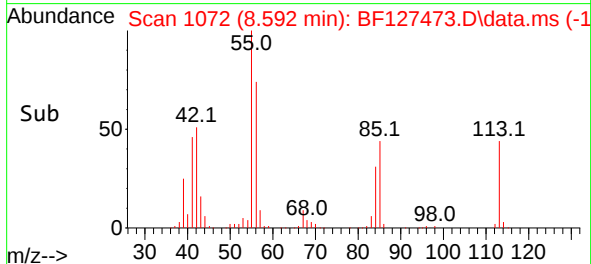
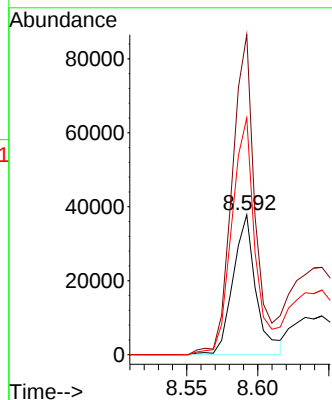
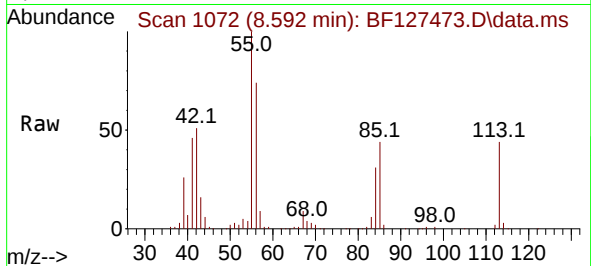




#35
 Caprolactam
 Concen: 24.246 ng
 RT: 8.592 min Scan# 1072
 Delta R.T. 0.000 min
 Lab File: BF127473.D
 Acq: 23 Mar 2022 11:35

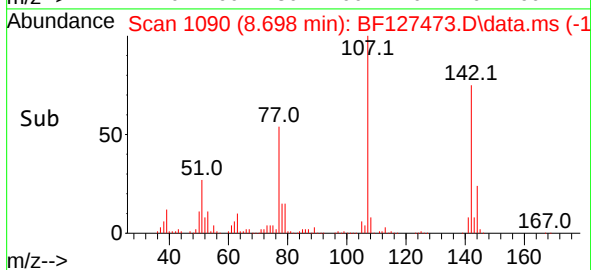
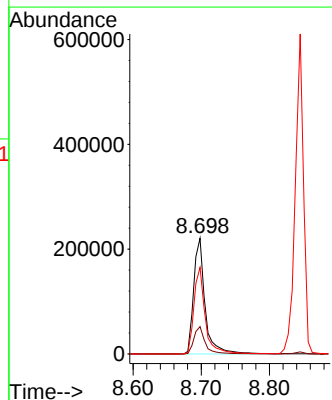
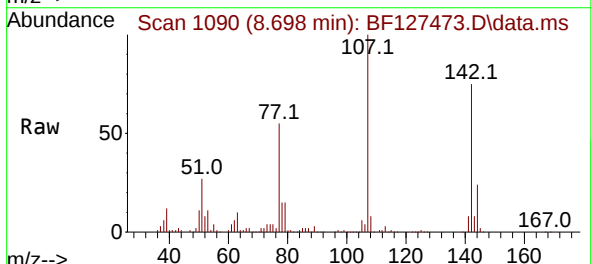
Instrument :
 BNA_F
 ClientSampleId :
 PB143530BS

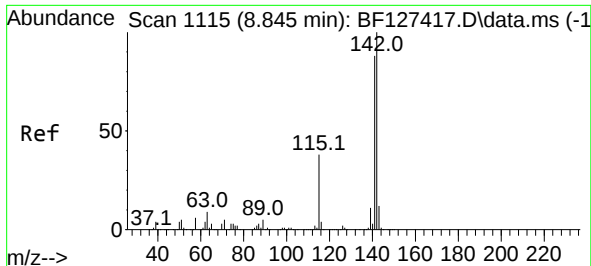
Tgt Ion:113 Resp: 42745
 Ion Ratio Lower Upper
 113 100
 55 228.9 218.7 258.7
 56 169.4 156.2 196.2



#36
 4-Chloro-3-methylphenol
 Concen: 41.201 ng
 RT: 8.698 min Scan# 1090
 Delta R.T. 0.006 min
 Lab File: BF127473.D
 Acq: 23 Mar 2022 11:35

Tgt Ion:107 Resp: 255632
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.3 28.9
 142 74.8 59.8 89.8

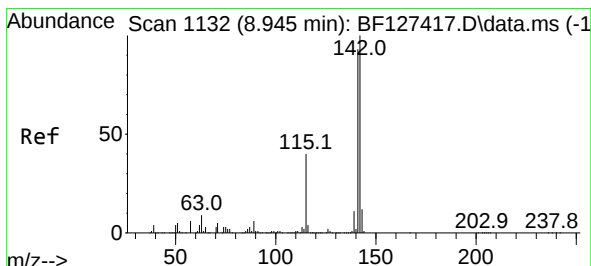
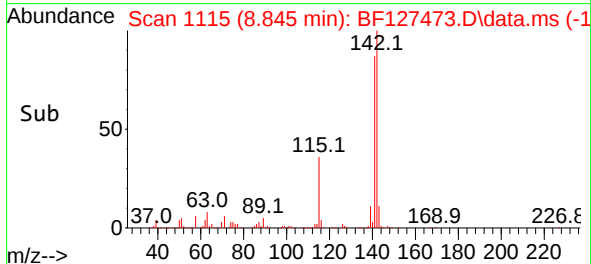
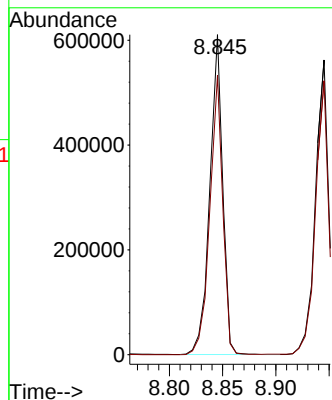
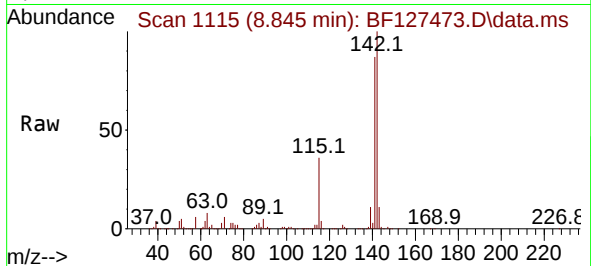




#37
2-Methylnaphthalene
Concen: 42.088 ng
RT: 8.845 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

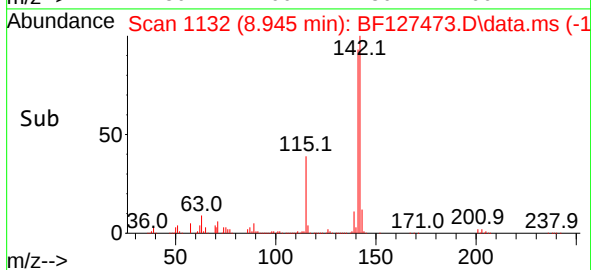
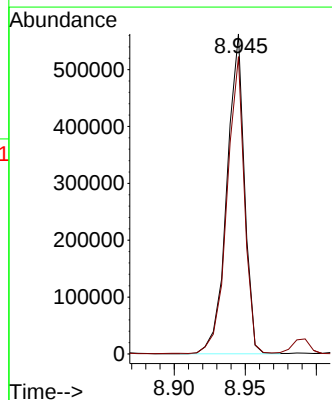
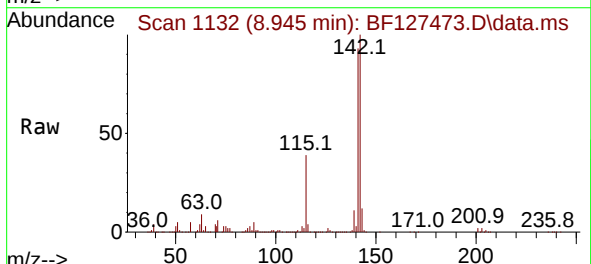
Instrument :
BNA_F
ClientSampleId :
PB143530BS

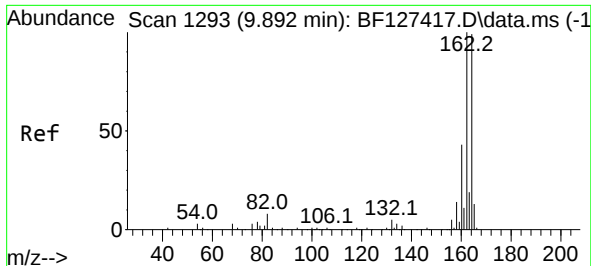
Tgt Ion:142 Resp: 514226
Ion Ratio Lower Upper
142 100
141 87.3 70.6 106.0



#38
1-Methylnaphthalene
Concen: 40.084 ng
RT: 8.945 min Scan# 1132
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

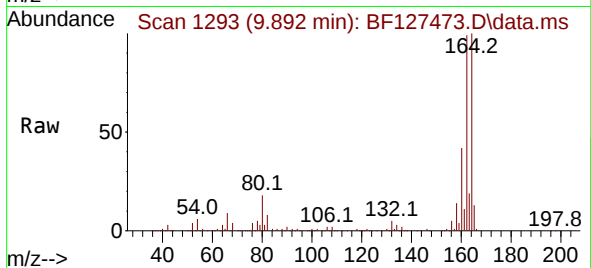
Tgt Ion:142 Resp: 484263
Ion Ratio Lower Upper
142 100
141 92.9 74.2 111.2



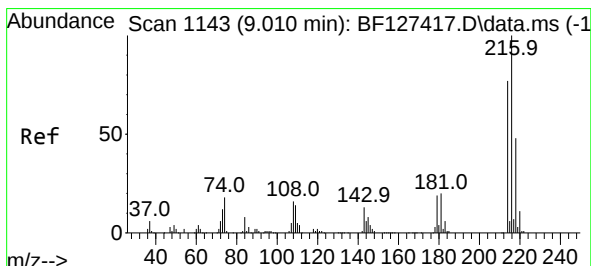
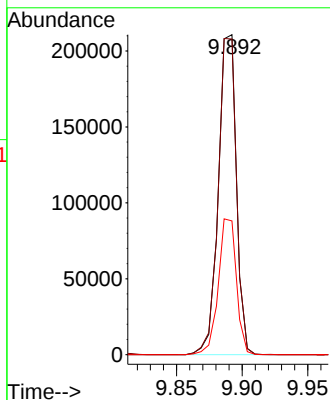
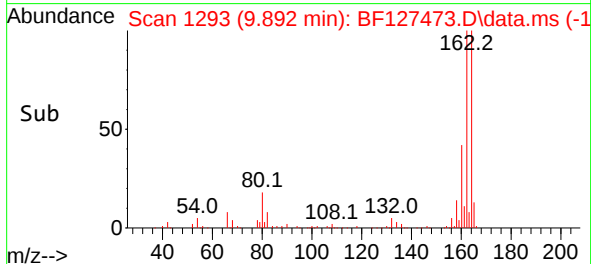


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

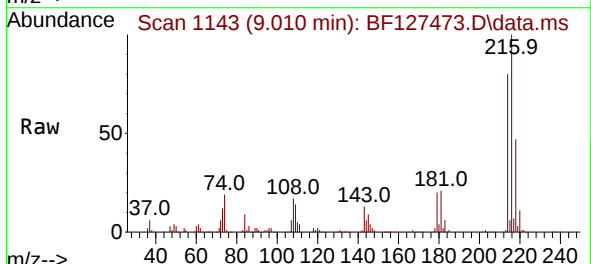
Instrument :
BNA_F
ClientSampleId :
PB143530BS



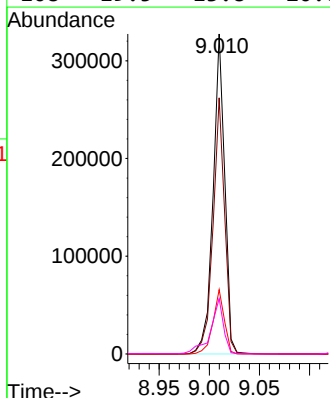
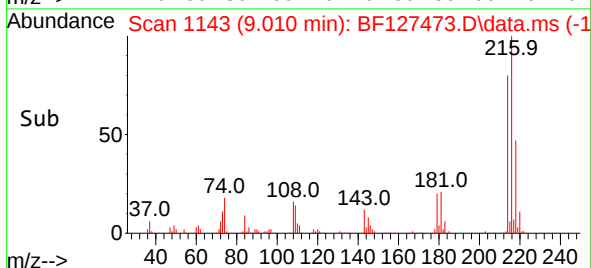
Tgt Ion:164 Resp: 201131
Ion Ratio Lower Upper
164 100
162 98.7 81.2 121.8
160 41.8 34.6 52.0

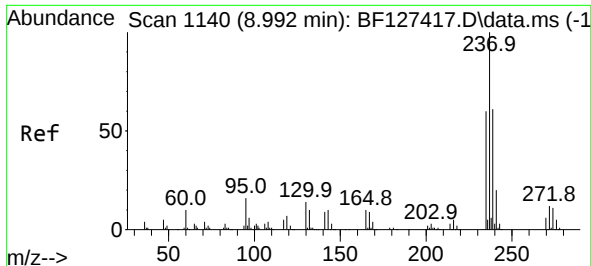


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.218 ng
RT: 9.010 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35



Tgt Ion:216 Resp: 263590
Ion Ratio Lower Upper
216 100
214 80.1 63.0 94.4
179 19.6 15.5 23.3
108 19.5 13.8 20.6

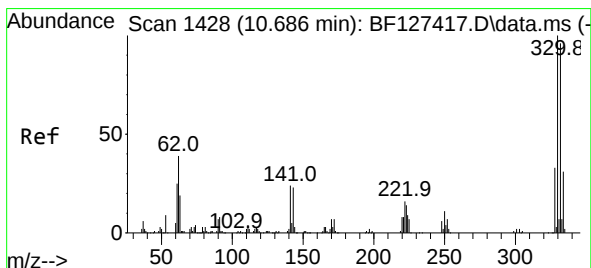
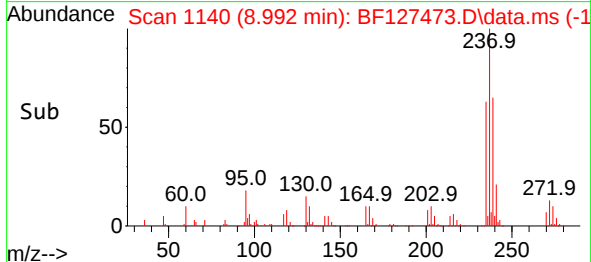
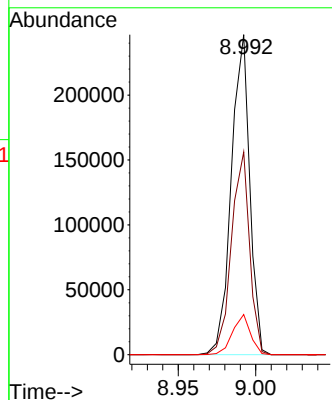
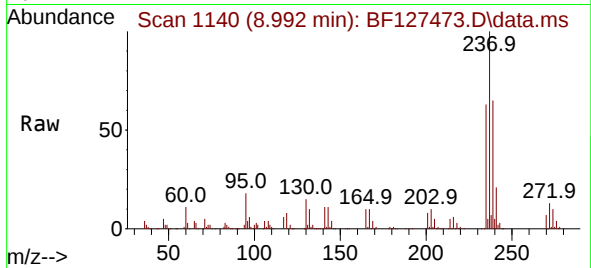




#41
Hexachlorocyclopentadiene
Concen: 87.840 ng
RT: 8.992 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

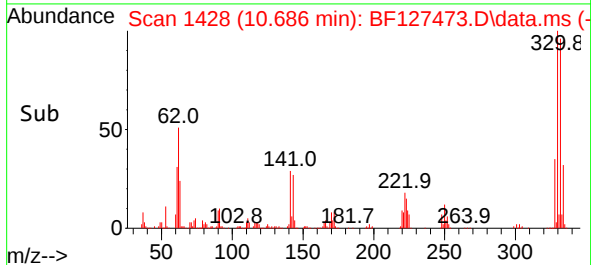
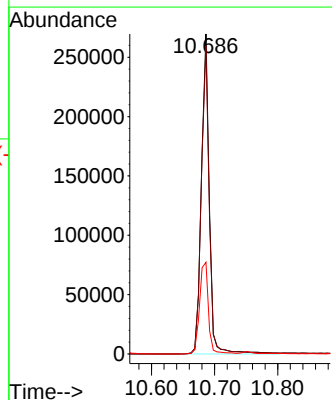
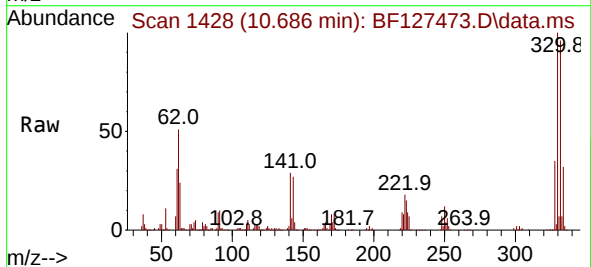
Instrument :
BNA_F
ClientSampleId :
PB143530BS

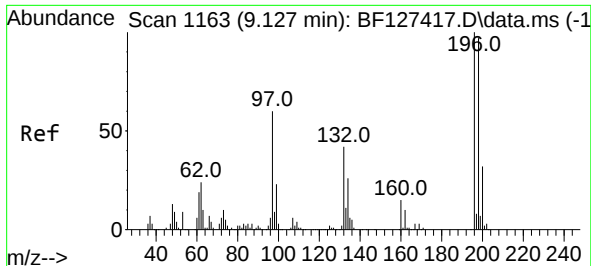
Tgt Ion:237 Resp: 203715
Ion Ratio Lower Upper
237 100
235 63.4 40.4 80.4
272 12.5 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 109.710 ng
RT: 10.686 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

Tgt Ion:330 Resp: 235061
Ion Ratio Lower Upper
330 100
332 97.2 79.1 118.7
141 31.9 26.2 39.4





#43

2,4,6-Trichlorophenol

Concen: 40.558 ng

RT: 9.127 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF127473.D

Acq: 23 Mar 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB143530BS

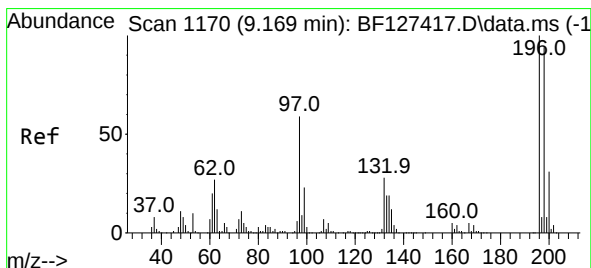
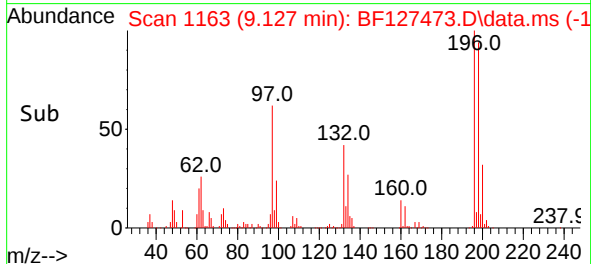
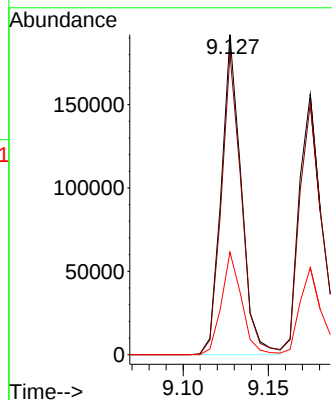
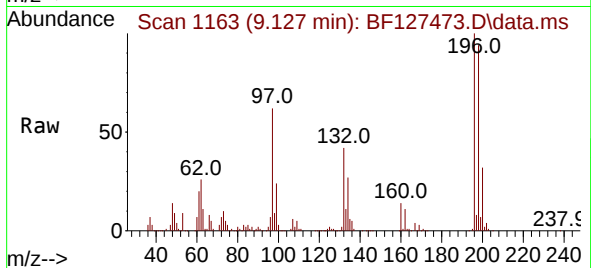
Tgt Ion:196 Resp: 156784

Ion Ratio Lower Upper

196 100

198 94.1 77.8 116.6

200 32.1 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 40.625 ng

RT: 9.175 min Scan# 1171

Delta R.T. 0.006 min

Lab File: BF127473.D

Acq: 23 Mar 2022 11:35

Tgt Ion:196 Resp: 161657

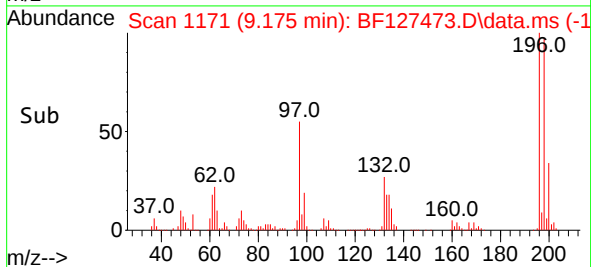
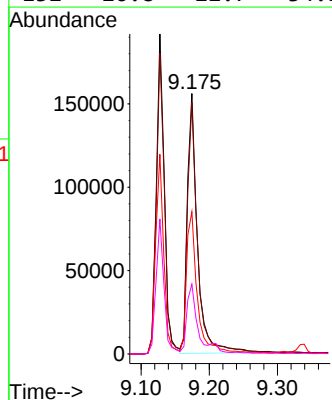
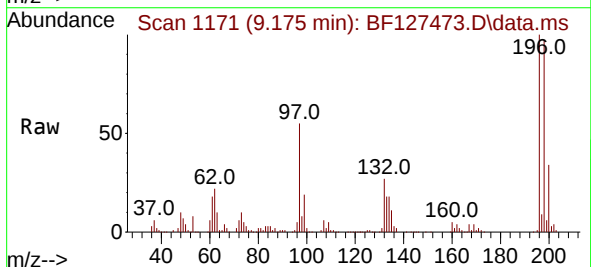
Ion Ratio Lower Upper

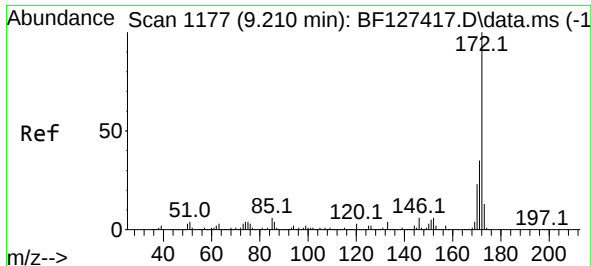
196 100

198 96.5 75.3 112.9

97 54.6 46.8 70.2

132 26.8 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 79.277 ng

RT: 9.210 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF127473.D

Acq: 23 Mar 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB143530BS

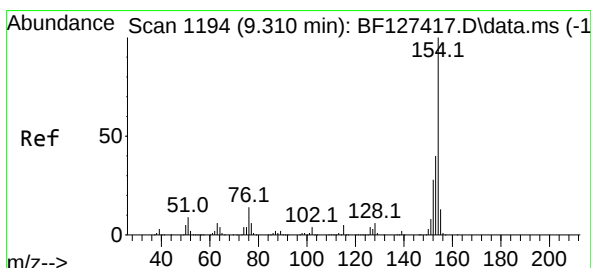
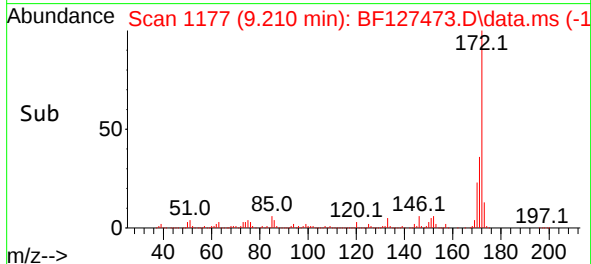
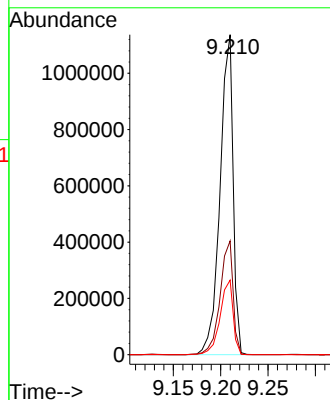
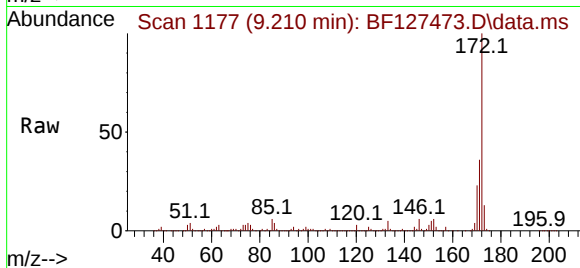
Tgt Ion:172 Resp: 1091949

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.3 18.6 27.8



#46

1,1'-Biphenyl

Concen: 40.987 ng

RT: 9.310 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF127473.D

Acq: 23 Mar 2022 11:35

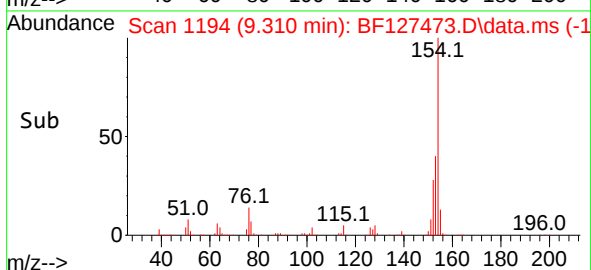
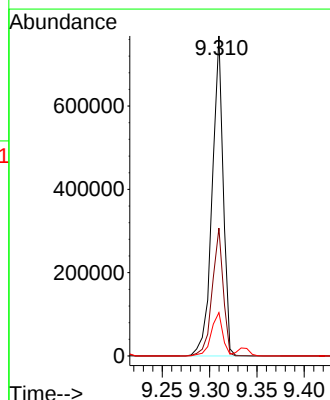
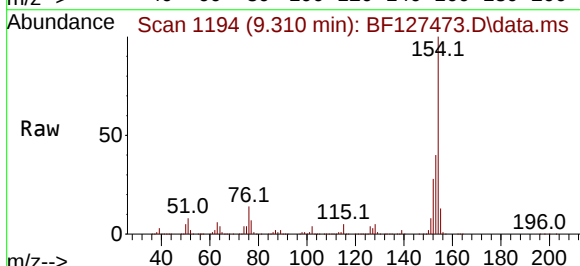
Tgt Ion:154 Resp: 622621

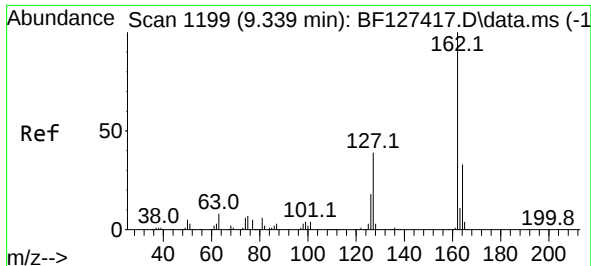
Ion Ratio Lower Upper

154 100

153 39.9 20.3 60.3

76 13.6 0.0 33.9

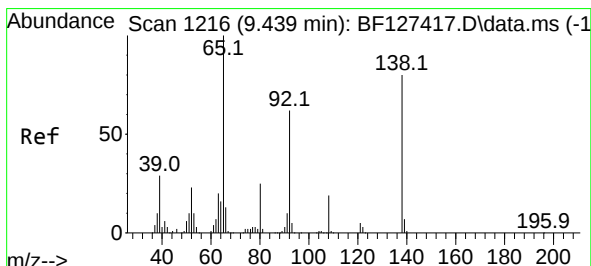
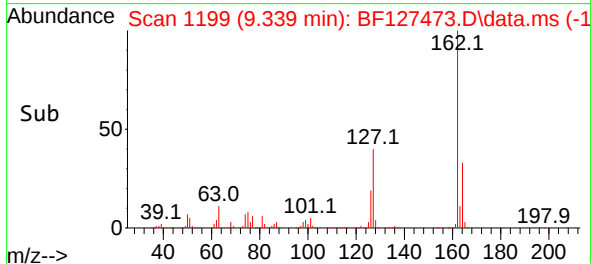
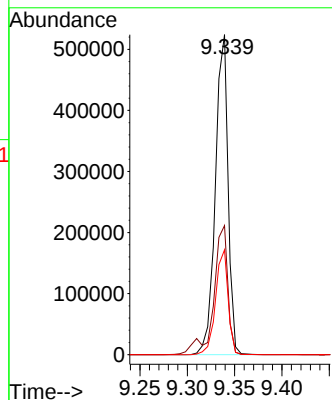
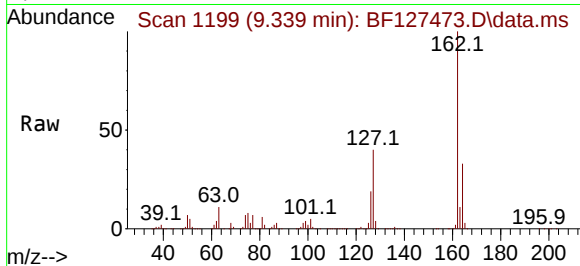




#47
2-Chloronaphthalene
Concen: 40.796 ng
RT: 9.339 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

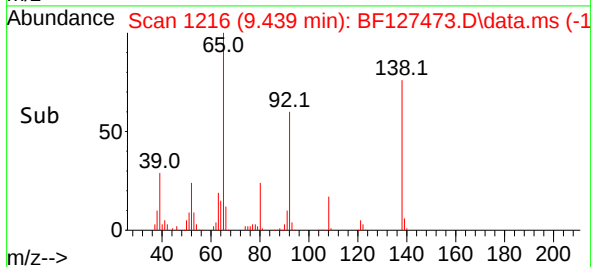
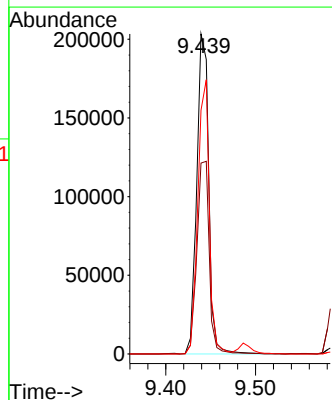
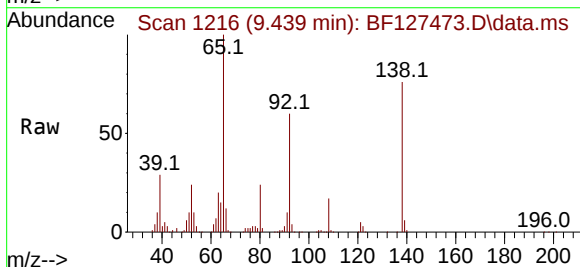
Instrument :
BNA_F
ClientSampleId :
PB143530BS

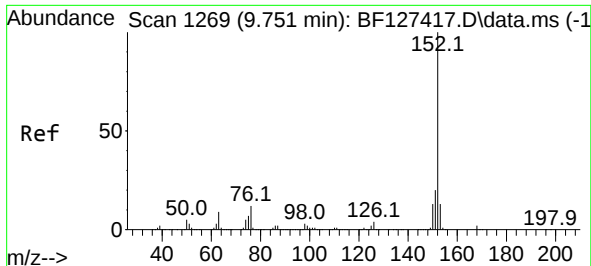
Tgt Ion:162 Resp: 488015
Ion Ratio Lower Upper
162 100
127 40.3 31.8 47.6
164 32.7 26.4 39.6



#48
2-Nitroaniline
Concen: 41.048 ng
RT: 9.439 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

Tgt Ion: 65 Resp: 188190
Ion Ratio Lower Upper
65 100
92 59.7 50.0 75.0
138 76.1 64.1 96.1

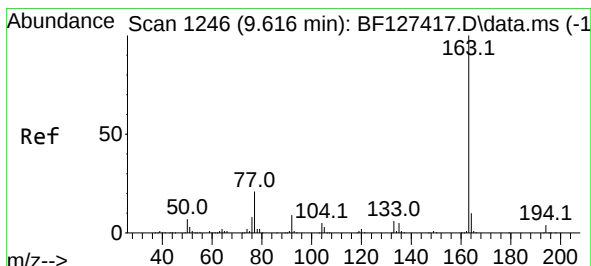
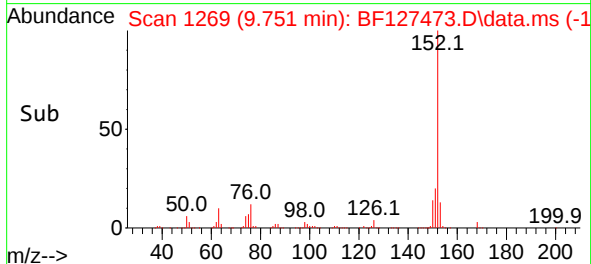
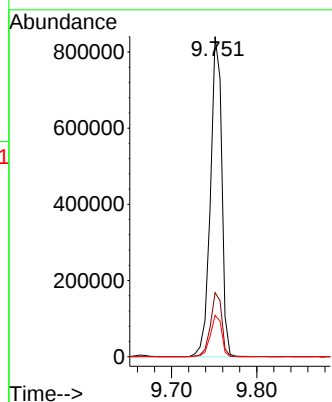
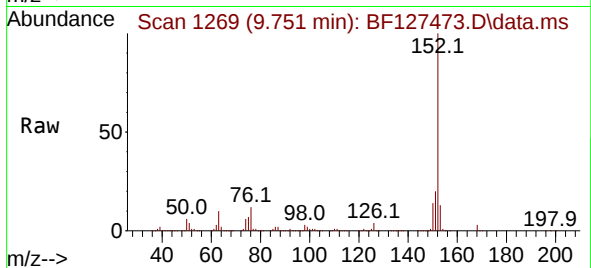




#49
Acenaphthylene
Concen: 42.887 ng
RT: 9.751 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

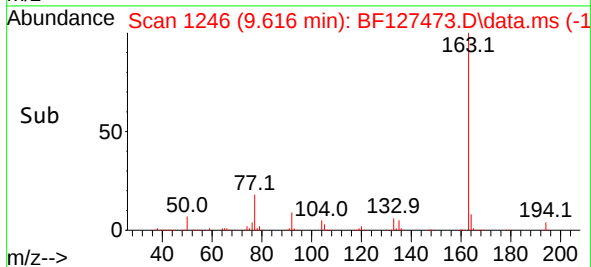
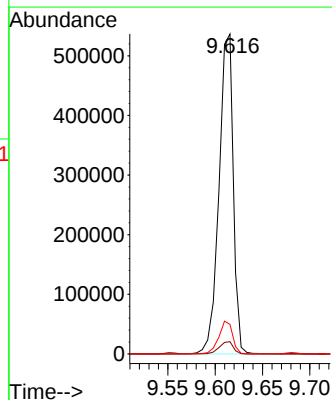
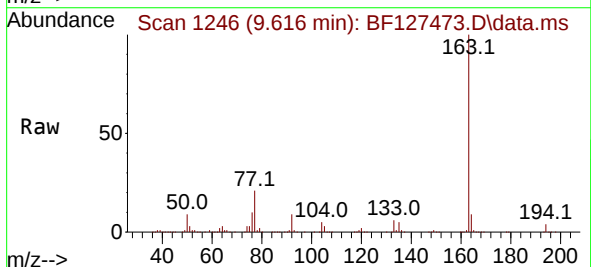
Instrument :
BNA_F
ClientSampleId :
PB143530BS

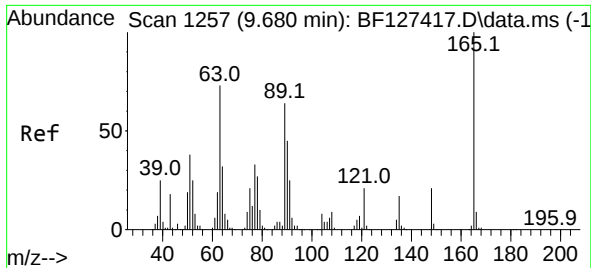
Tgt Ion:152 Resp: 775572
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 12.9 10.5 15.7



#50
Dimethylphthalate
Concen: 40.410 ng
RT: 9.616 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

Tgt Ion:163 Resp: 565436
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.3 7.8 11.8

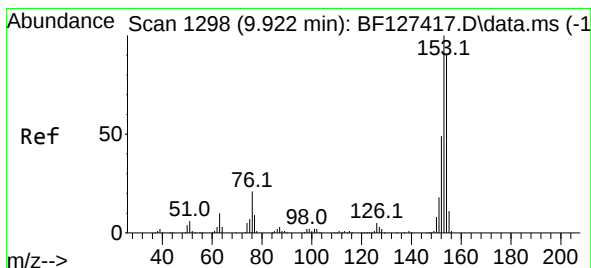
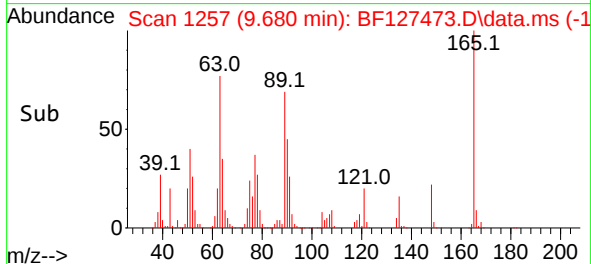
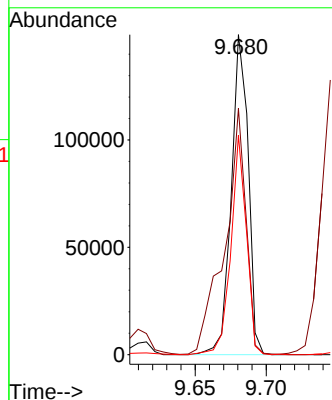
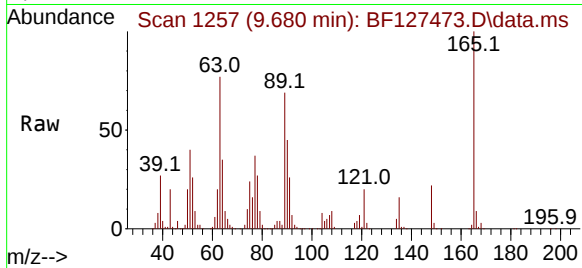




#51
2,6-Dinitrotoluene
Concen: 42.064 ng
RT: 9.680 min Scan# 1257
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

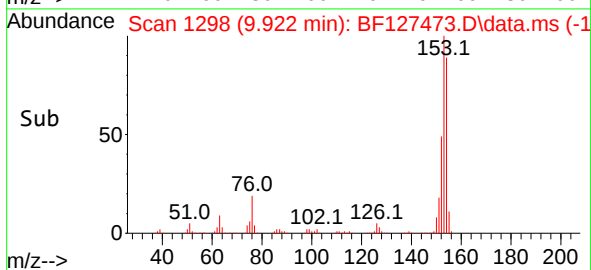
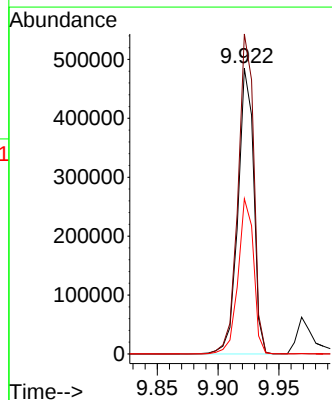
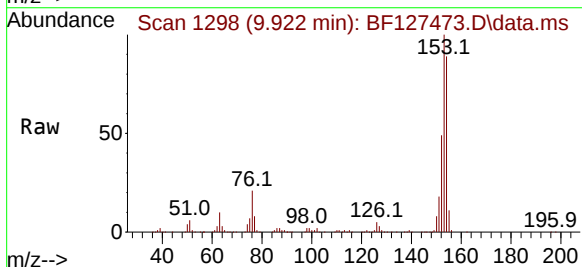
Instrument :
BNA_F
ClientSampleId :
PB143530BS

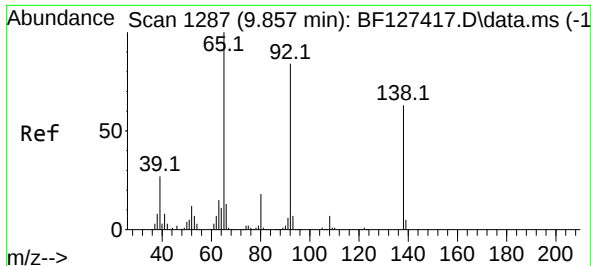
Tgt Ion:165 Resp: 123548
Ion Ratio Lower Upper
165 100
63 77.0 58.3 87.5
89 68.6 51.5 77.3



#52
Acenaphthene
Concen: 41.216 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

Tgt Ion:154 Resp: 434884
Ion Ratio Lower Upper
154 100
153 112.0 87.6 131.4
152 54.4 42.9 64.3

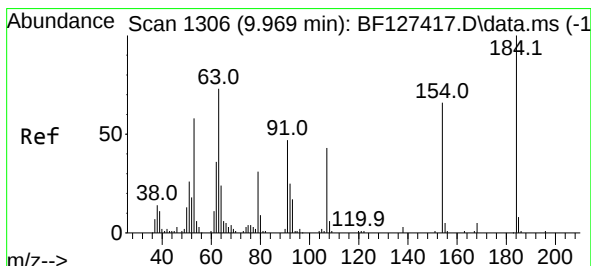
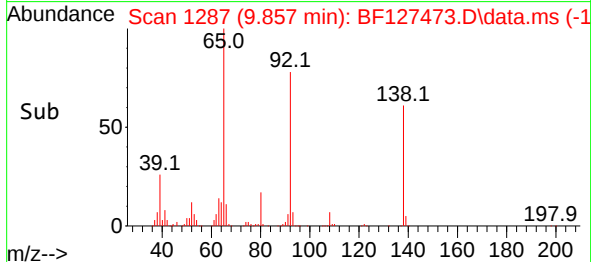
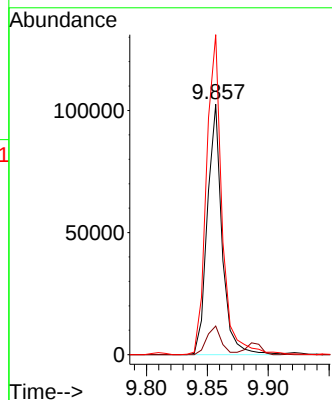
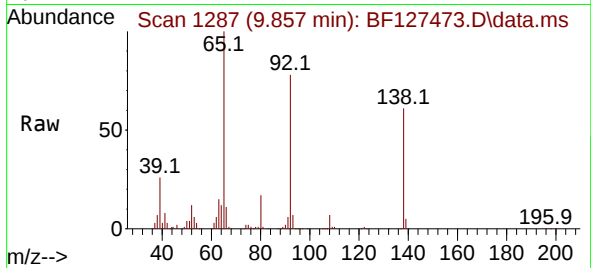




#53
3-Nitroaniline
Concen: 26.695 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

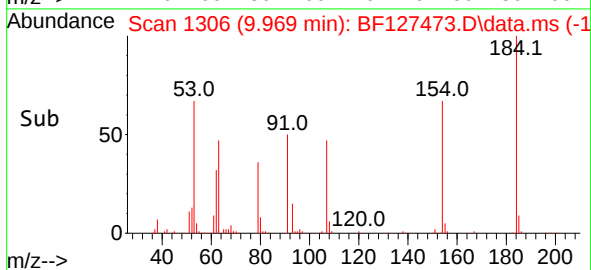
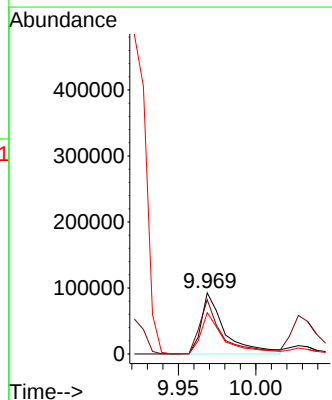
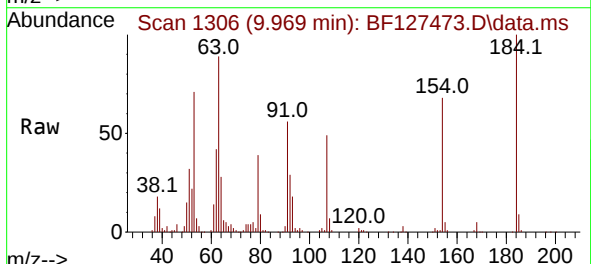
Instrument :
BNA_F
ClientSampleId :
PB143530BS

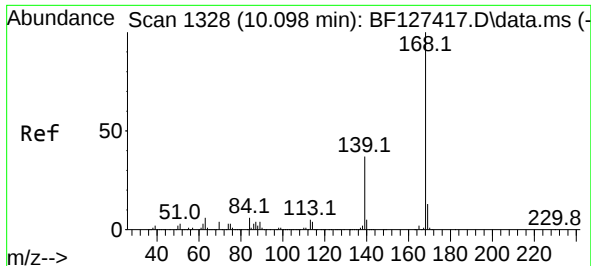
Tgt Ion:138 Resp: 86008
Ion Ratio Lower Upper
138 100
108 11.4 9.4 14.0
92 127.8 106.1 159.1



#54
2,4-Dinitrophenol
Concen: 67.554 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

Tgt Ion:184 Resp: 97890
Ion Ratio Lower Upper
184 100
63 88.8 58.1 87.1#
154 67.6 53.2 79.8

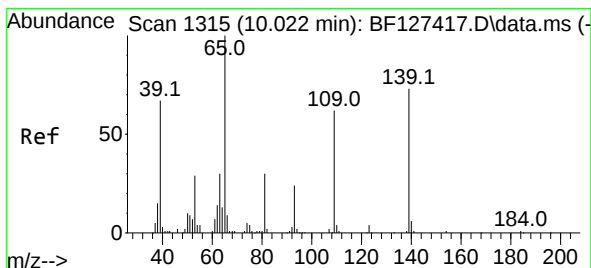
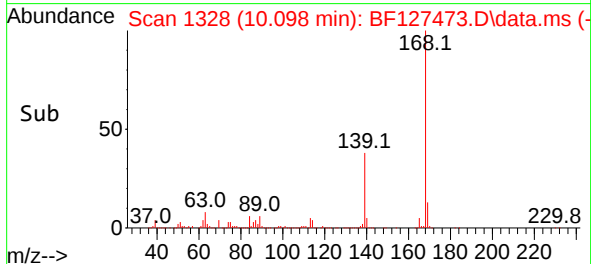
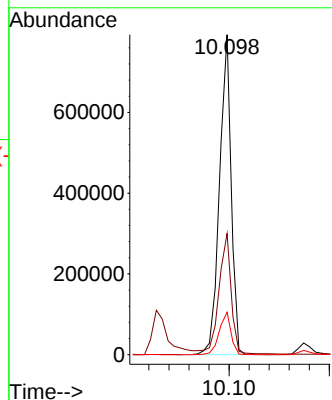
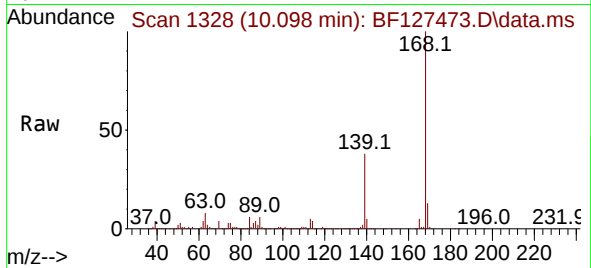




#55
Dibenzenofuran
Concen: 41.694 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

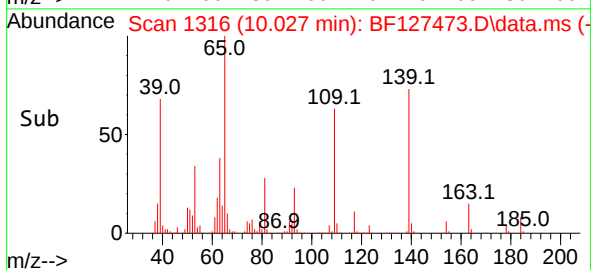
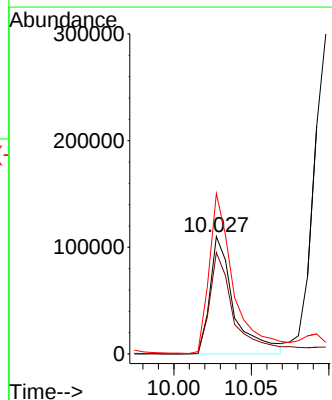
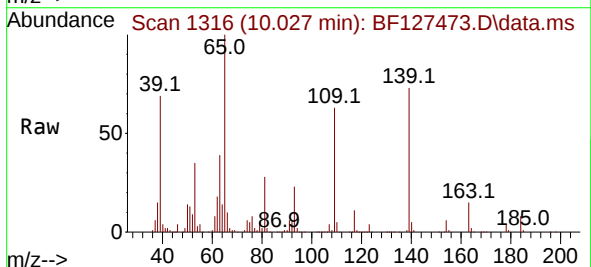
Instrument :
BNA_F
ClientSampleId :
PB143530BS

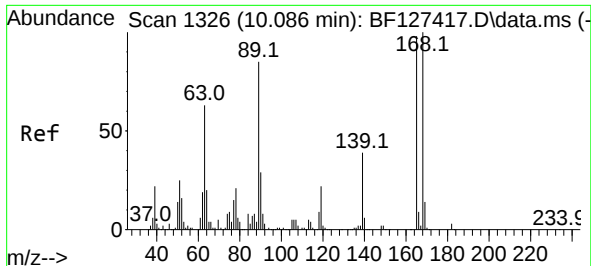
Tgt Ion:168 Resp: 638489
Ion Ratio Lower Upper
168 100
139 37.9 30.3 45.5
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 73.134 ng
RT: 10.027 min Scan# 1316
Delta R.T. 0.005 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

Tgt Ion:139 Resp: 119928
Ion Ratio Lower Upper
139 100
109 86.3 64.3 104.3
65 136.6 117.5 157.5

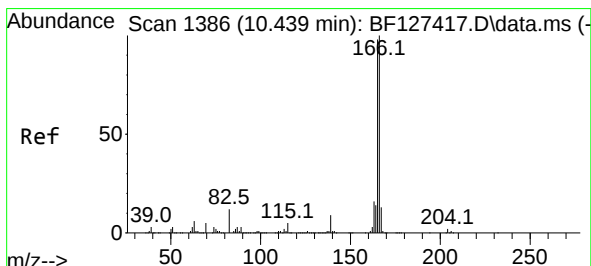
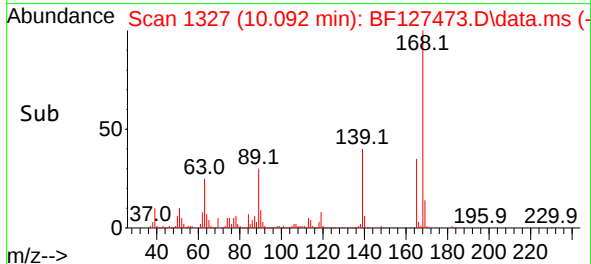
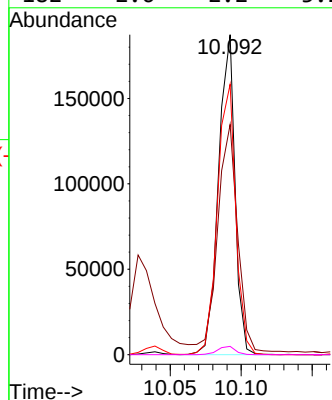
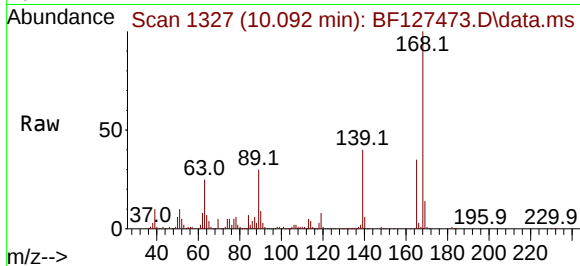




#57
2,4-Dinitrotoluene
Concen: 39.874 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

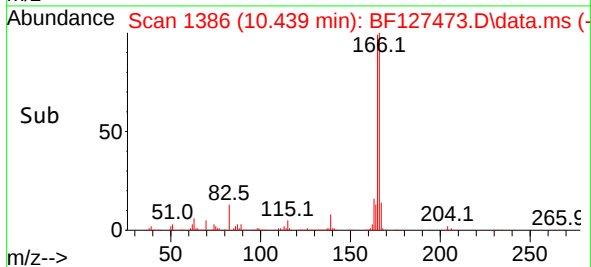
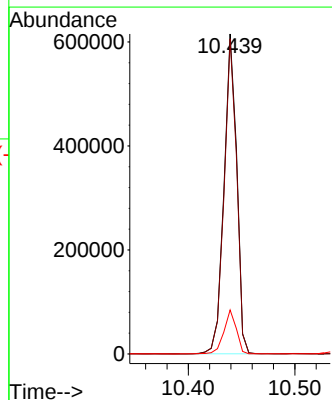
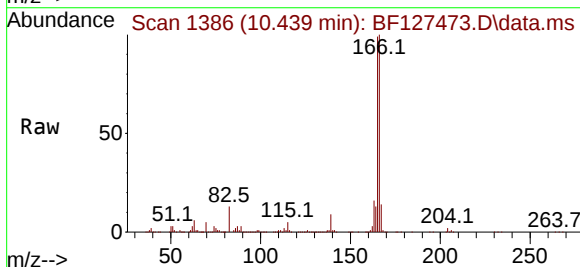
Instrument :
BNA_F
ClientSampleId :
PB143530BS

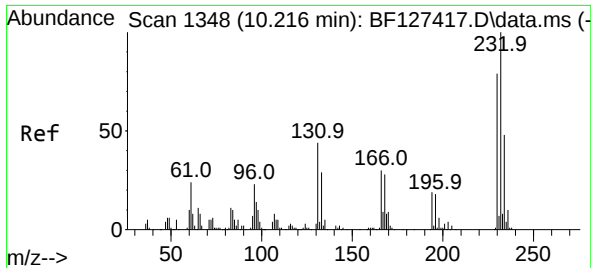
Tgt Ion:165 Resp: 150748
Ion Ratio Lower Upper
165 100
63 72.0 53.1 79.7
89 84.5 69.2 103.8
182 2.6 2.2 3.2



#58
Fluorene
Concen: 41.368 ng
RT: 10.439 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

Tgt Ion:166 Resp: 508049
Ion Ratio Lower Upper
166 100
165 98.5 78.1 117.1
167 13.8 10.5 15.7

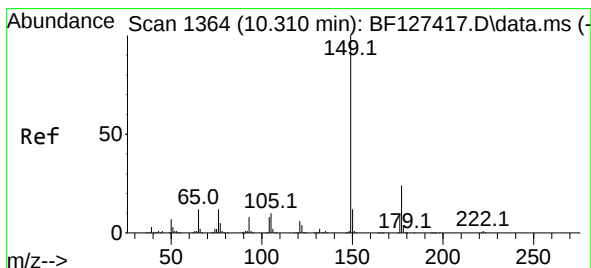
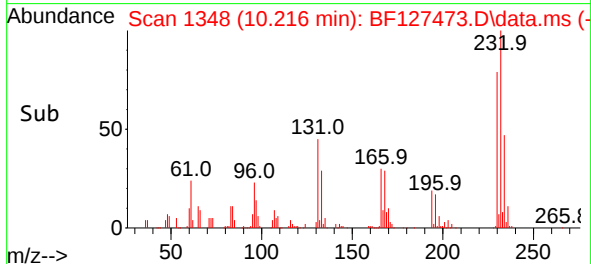
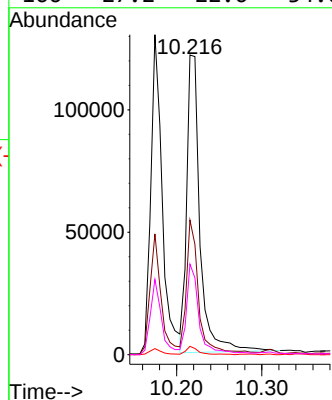
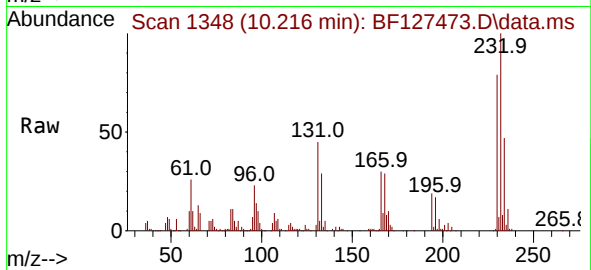




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.435 ng
RT: 10.216 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

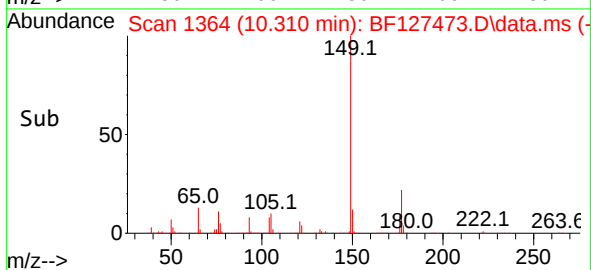
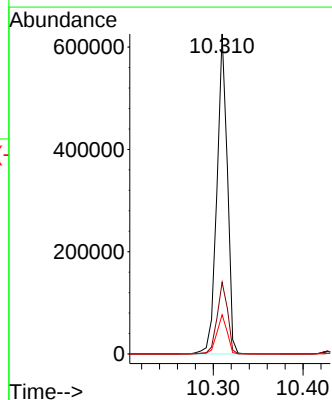
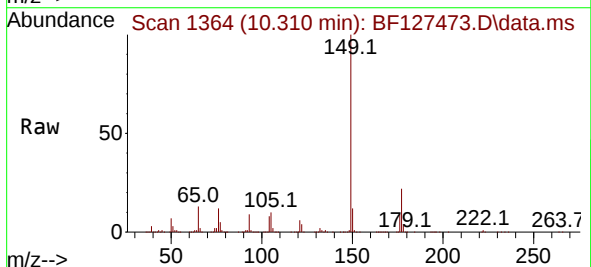
Instrument :
BNA_F
ClientSampleId :
PB143530BS

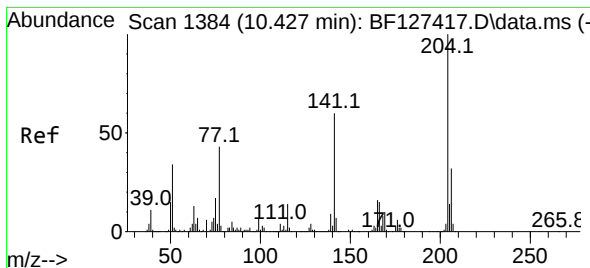
Tgt Ion:232 Resp: 131703
Ion Ratio Lower Upper
232 100
131 40.0 33.4 50.0
130 2.4 1.8 2.6
166 27.2 22.6 34.0



#60
Diethylphthalate
Concen: 39.390 ng
RT: 10.310 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

Tgt Ion:149 Resp: 503413
Ion Ratio Lower Upper
149 100
177 22.4 18.9 28.3
150 12.3 10.0 15.0

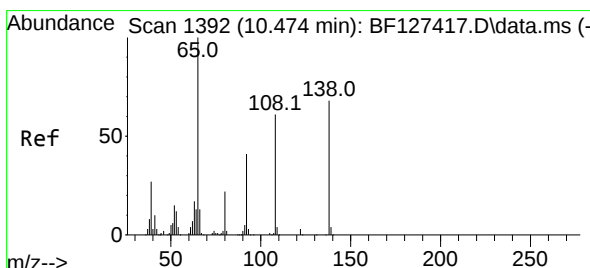
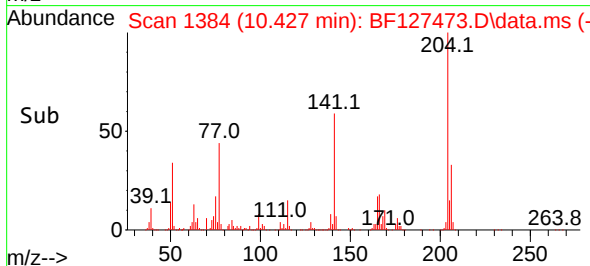
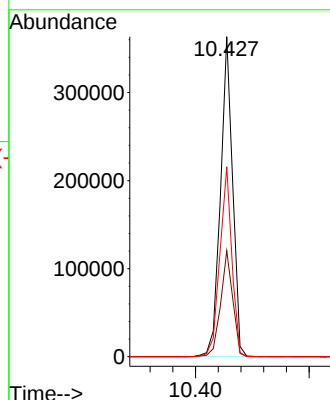
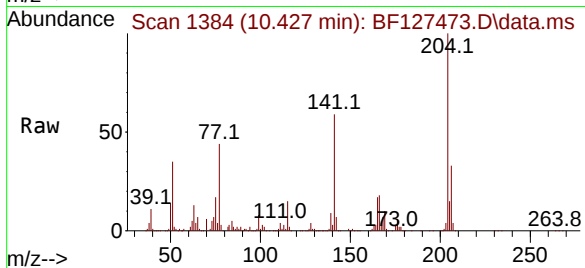




#61
4-Chlorophenyl-phenylether
Concen: 37.337 ng
RT: 10.427 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

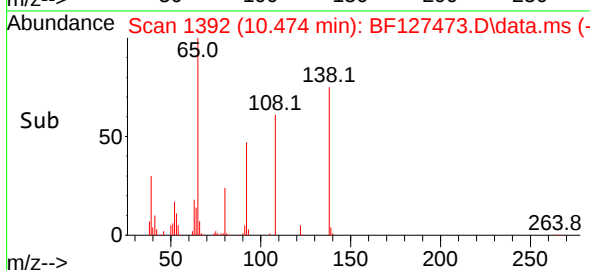
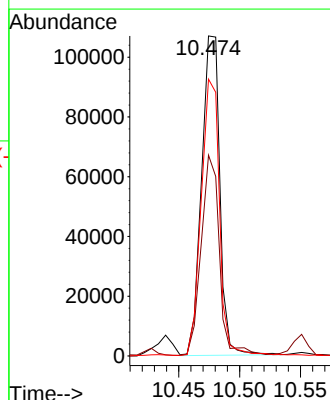
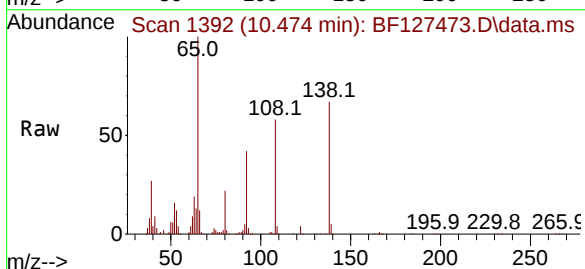
Instrument :
BNA_F
ClientSampleId :
PB143530BS

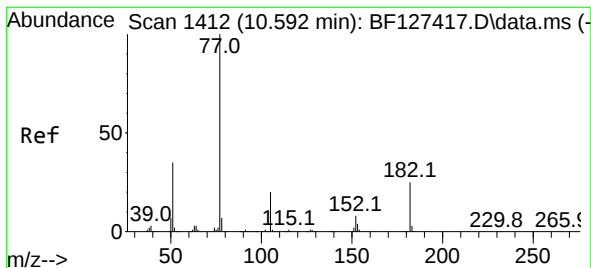
Tgt Ion:204 Resp: 270009
Ion Ratio Lower Upper
204 100
206 33.1 25.9 38.9
141 59.3 47.8 71.8



#62
4-Nitroaniline
Concen: 37.129 ng
RT: 10.474 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

Tgt Ion:138 Resp: 112051
Ion Ratio Lower Upper
138 100
92 62.8 40.5 80.5
108 86.5 69.2 109.2





#63

Azobenzene

Concen: 38.904 ng

RT: 10.592 min Scan# 1412

Delta R.T. 0.000 min

Lab File: BF127473.D

Acq: 23 Mar 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB143530BS

Tgt Ion: 77 Resp: 586659

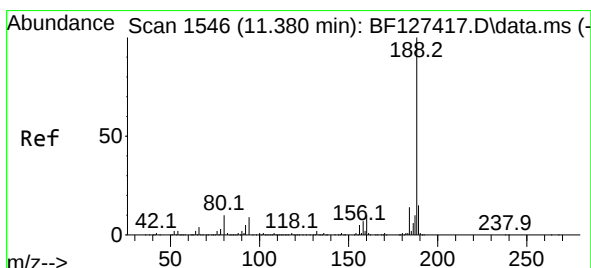
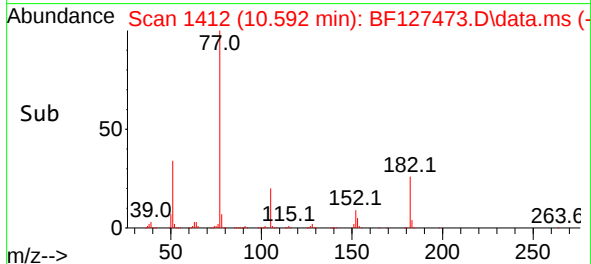
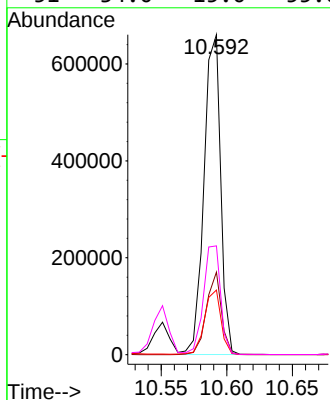
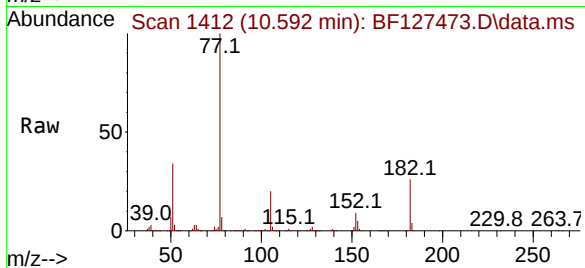
Ion Ratio Lower Upper

77 100

182 25.8 4.5 44.5

105 20.2 0.3 40.3

51 34.0 15.0 55.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF127473.D

Acq: 23 Mar 2022 11:35

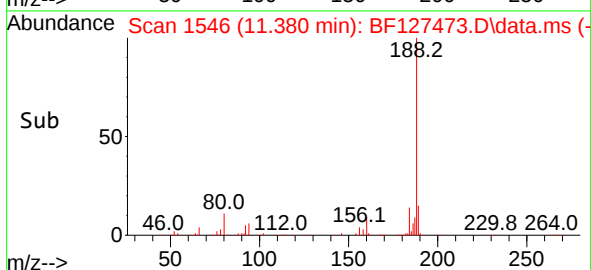
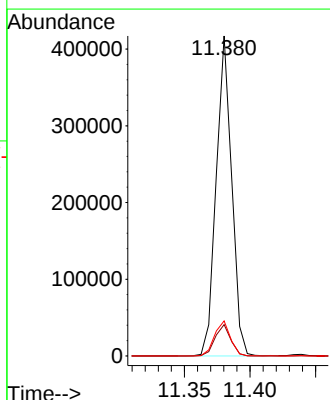
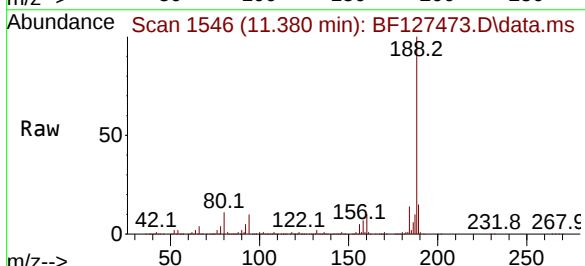
Tgt Ion: 188 Resp: 342139

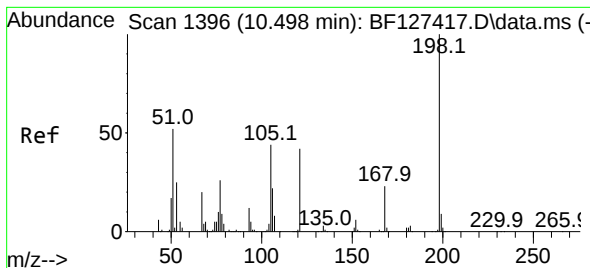
Ion Ratio Lower Upper

188 100

94 9.8 7.4 11.0

80 11.0 8.0 12.0

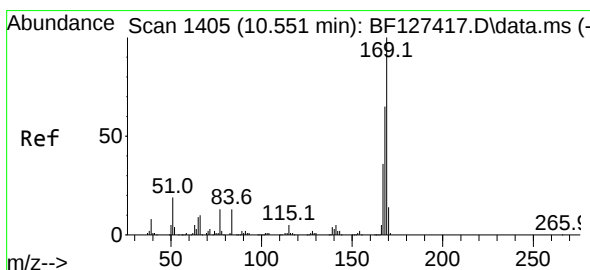
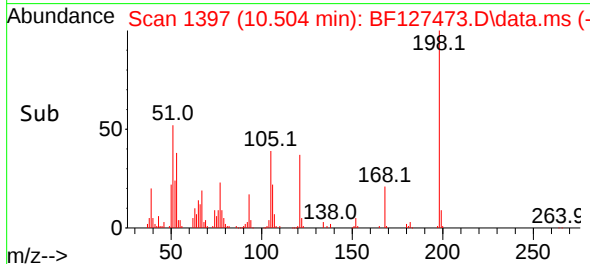
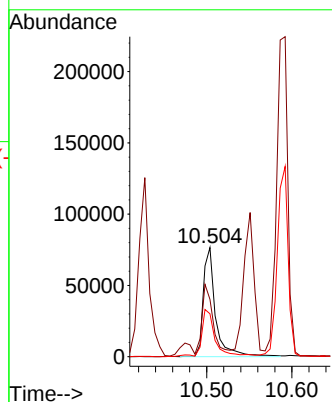
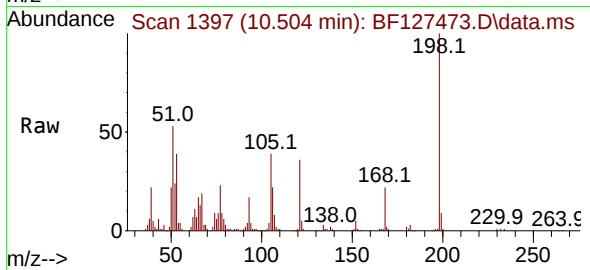




#65
4,6-Dinitro-2-methylphenol
Concen: 36.503 ng
RT: 10.504 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

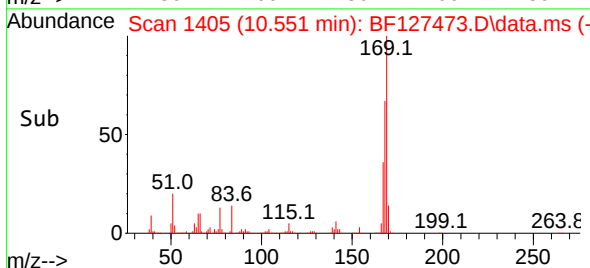
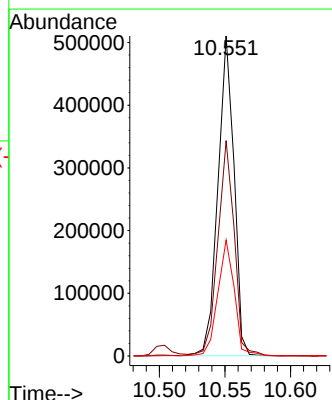
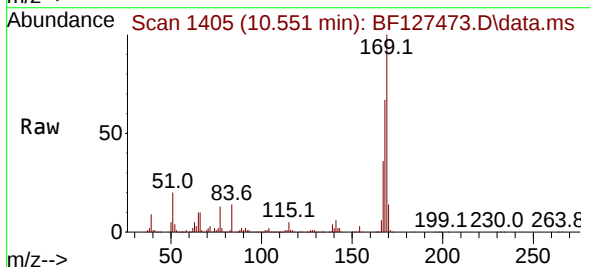
Instrument :
BNA_F
ClientSampleId :
PB143530BS

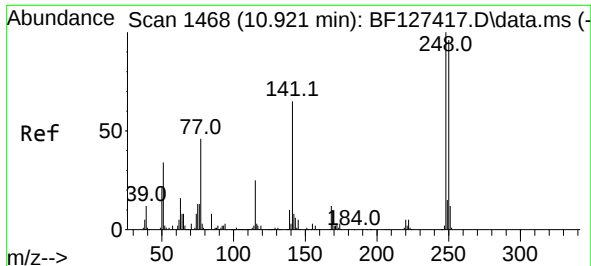
Tgt Ion:198 Resp: 76849
Ion Ratio Lower Upper
198 100
51 52.5 42.7 82.7
105 39.3 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 41.532 ng
RT: 10.551 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

Tgt Ion:169 Resp: 432552
Ion Ratio Lower Upper
169 100
168 67.3 52.7 79.1
167 36.2 28.9 43.3

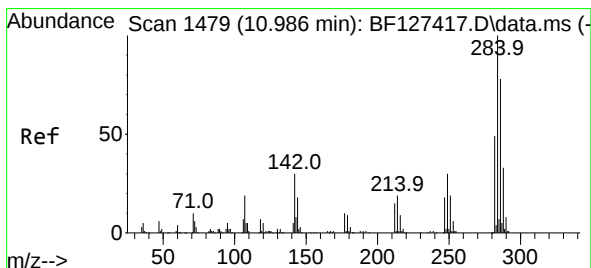
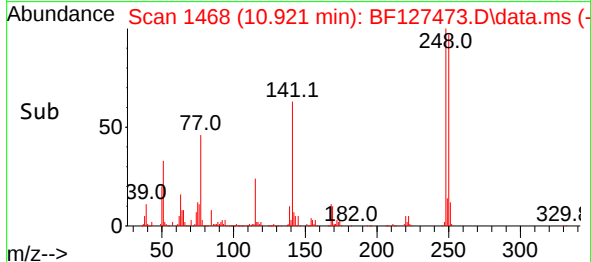
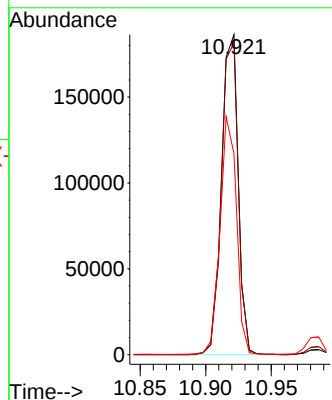
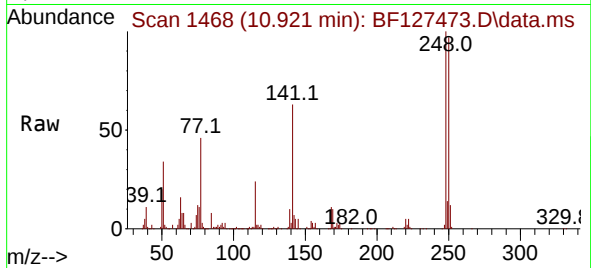




#67
4-Bromophenyl-phenylether
Concen: 41.449 ng
RT: 10.921 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

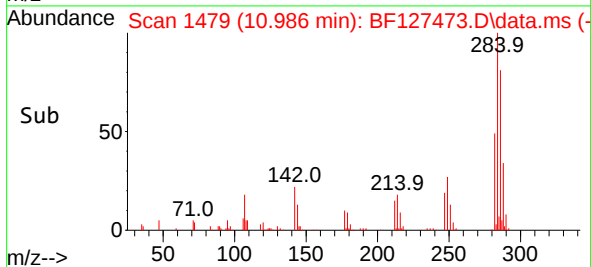
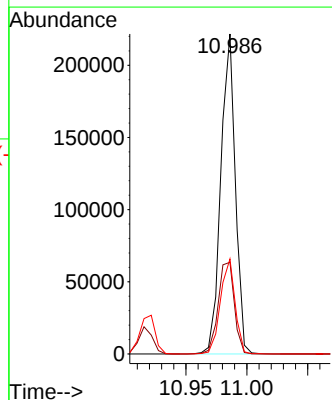
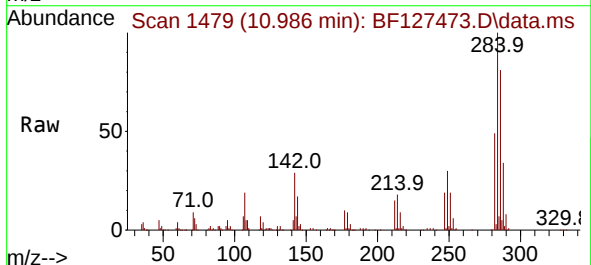
Instrument :
BNA_F
ClientSampleId :
PB143530BS

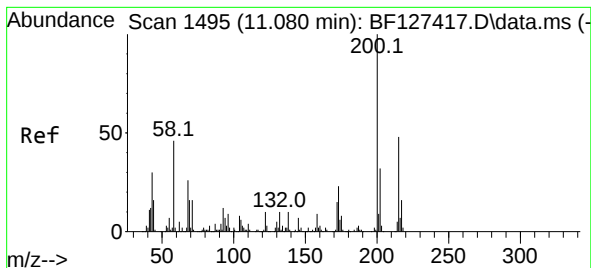
Tgt Ion:248 Resp: 165568
Ion Ratio Lower Upper
248 100
250 97.4 76.6 115.0
141 62.8 52.2 78.2



#68
Hexachlorobenzene
Concen: 42.251 ng
RT: 10.986 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

Tgt Ion:284 Resp: 184225
Ion Ratio Lower Upper
284 100
142 28.6 23.8 35.8
249 29.7 23.9 35.9





#69

Atrazine

Concen: 45.329 ng

RT: 11.080 min Scan# 1495

Delta R.T. 0.000 min

Lab File: BF127473.D

Acq: 23 Mar 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB143530BS

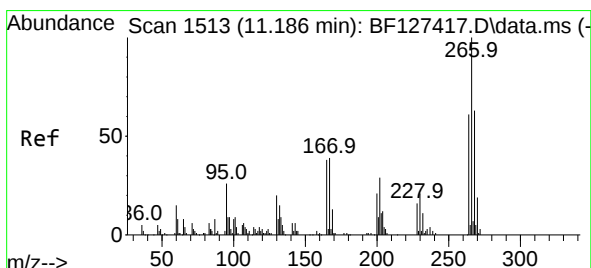
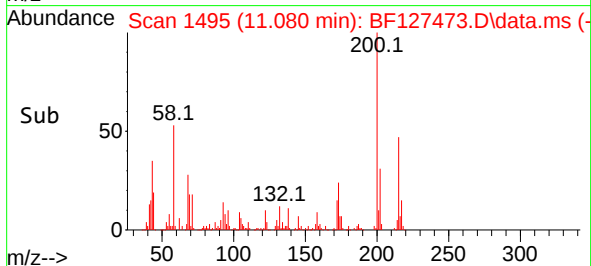
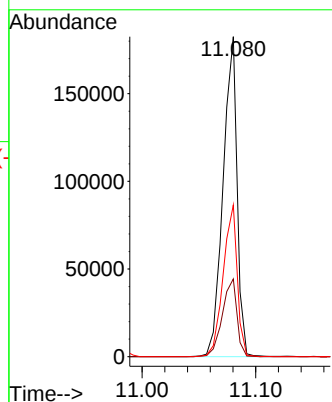
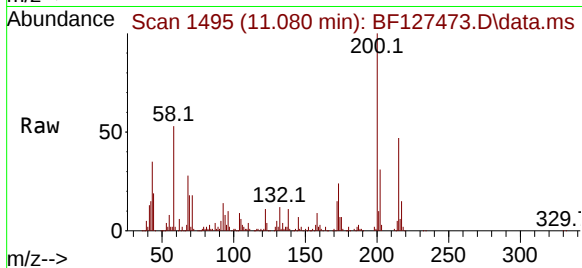
Tgt Ion:200 Resp: 157164

Ion Ratio Lower Upper

200 100

173 24.3 2.9 42.9

215 47.4 28.0 68.0



#70

Pentachlorophenol

Concen: 70.391 ng

RT: 11.186 min Scan# 1513

Delta R.T. 0.000 min

Lab File: BF127473.D

Acq: 23 Mar 2022 11:35

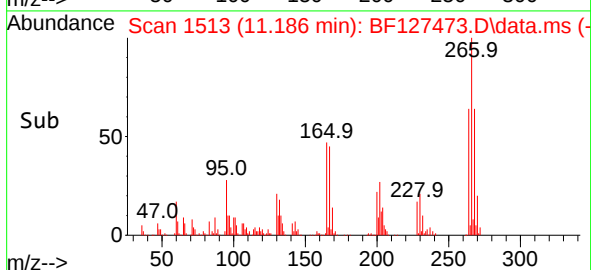
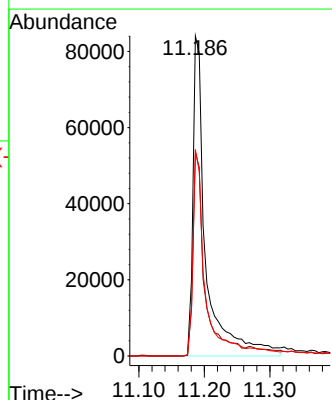
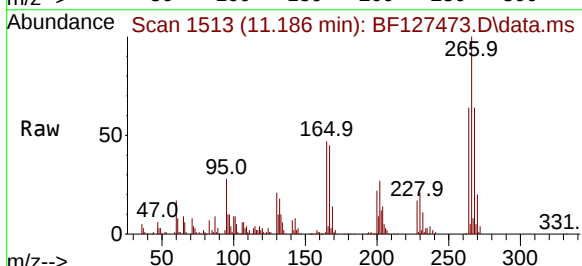
Tgt Ion:266 Resp: 117013

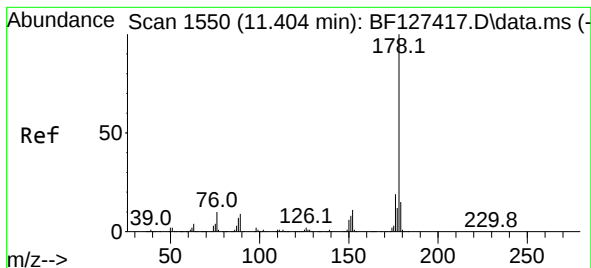
Ion Ratio Lower Upper

266 100

268 63.7 50.4 75.6

264 64.4 48.5 72.7





#71

Phenanthrene

Concen: 40.730 ng

RT: 11.404 min Scan# 1550

Delta R.T. 0.000 min

Lab File: BF127473.D

Acq: 23 Mar 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB143530BS

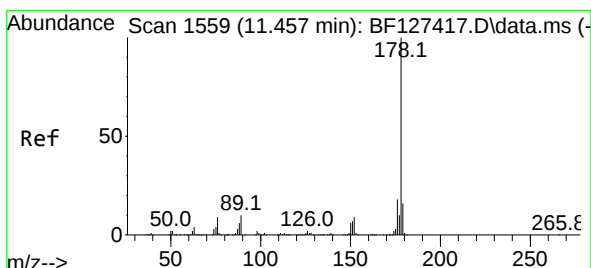
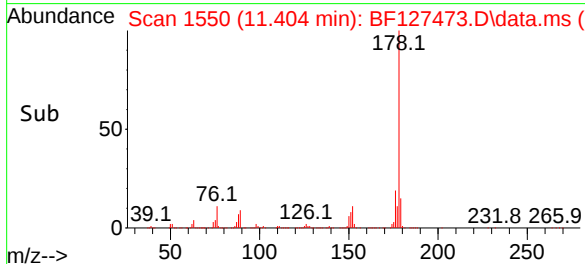
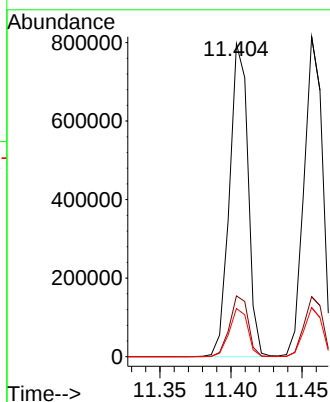
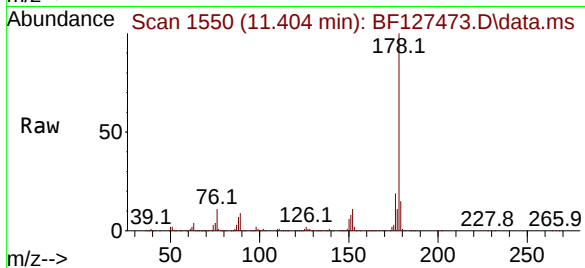
Tgt Ion:178 Resp: 726512

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.4 12.4 18.6



#72

Anthracene

Concen: 41.872 ng

RT: 11.457 min Scan# 1559

Delta R.T. 0.000 min

Lab File: BF127473.D

Acq: 23 Mar 2022 11:35

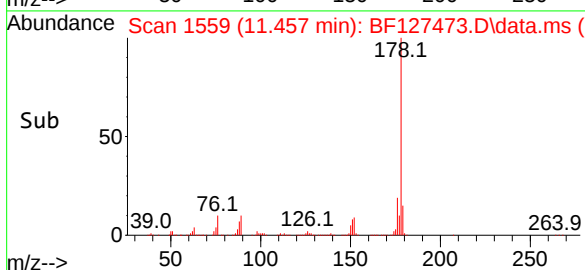
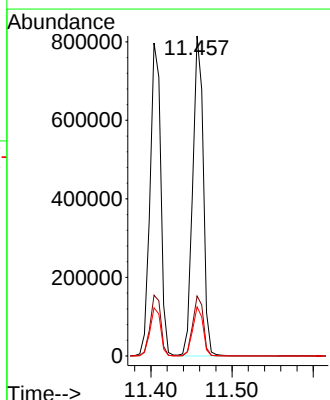
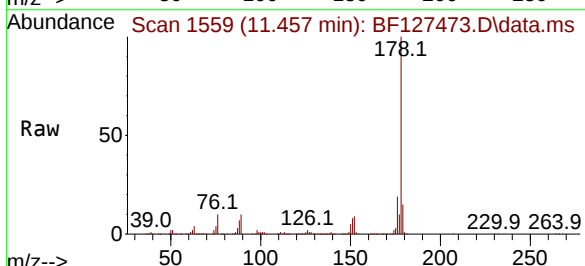
Tgt Ion:178 Resp: 741178

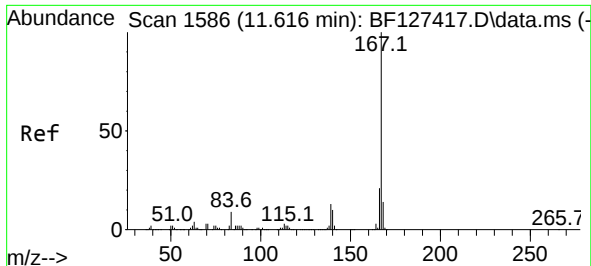
Ion Ratio Lower Upper

178 100

176 18.8 14.6 22.0

179 15.4 12.4 18.6

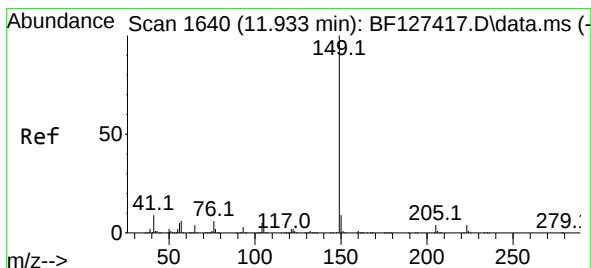
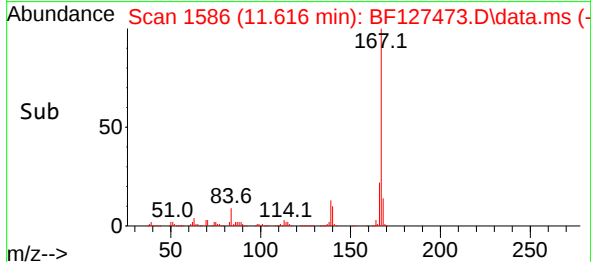
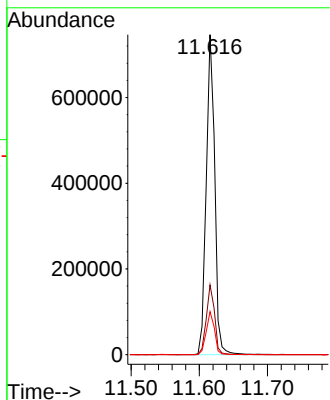
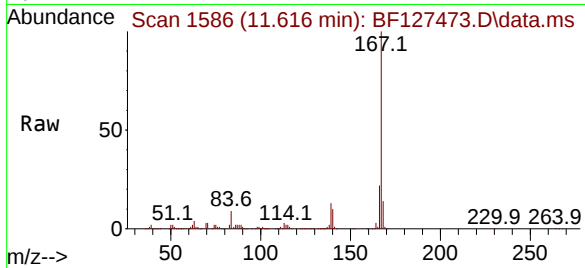




#73
 Carbazole
 Concen: 38.318 ng
 RT: 11.616 min Scan# 1586
 Delta R.T. 0.000 min
 Lab File: BF127473.D
 Acq: 23 Mar 2022 11:35

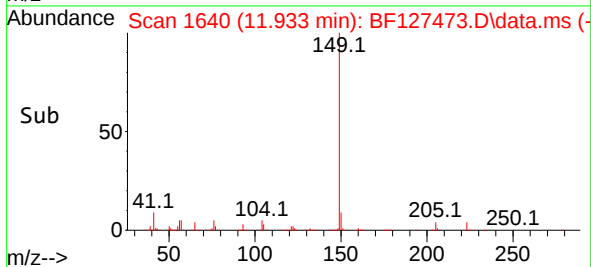
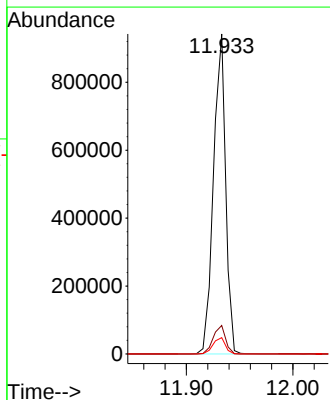
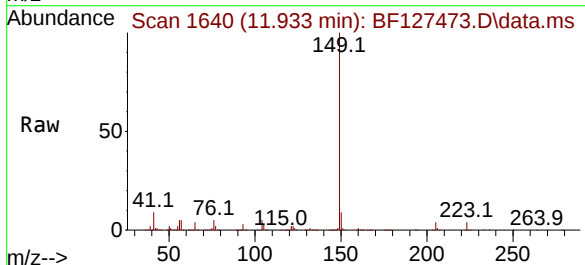
Instrument :
 BNA_F
 ClientSampleId :
 PB143530BS

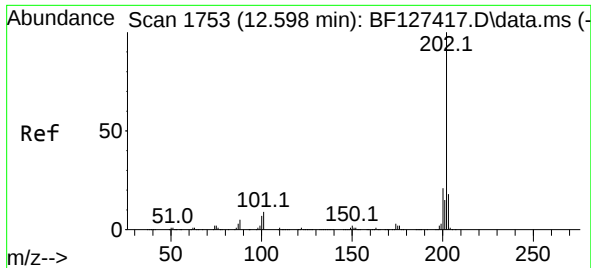
Tgt Ion:167 Resp: 648642
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.4
 139 13.4 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 42.504 ng
 RT: 11.933 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: BF127473.D
 Acq: 23 Mar 2022 11:35

Tgt Ion:149 Resp: 744768
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.5 11.3
 104 5.1 4.2 6.2

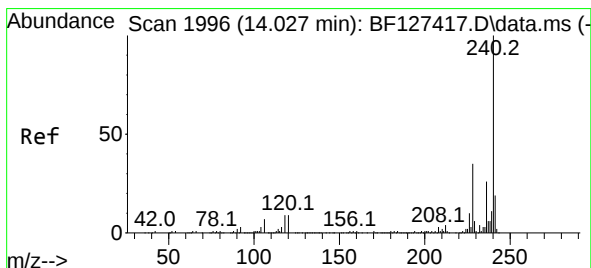
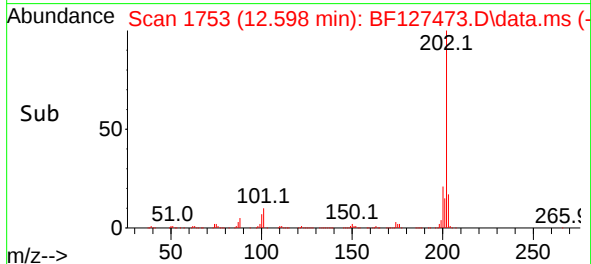
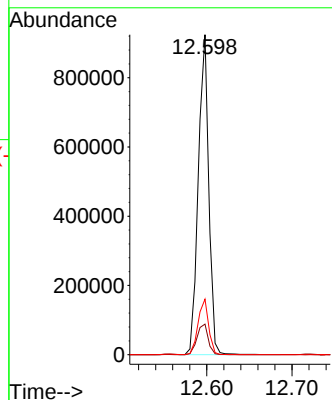
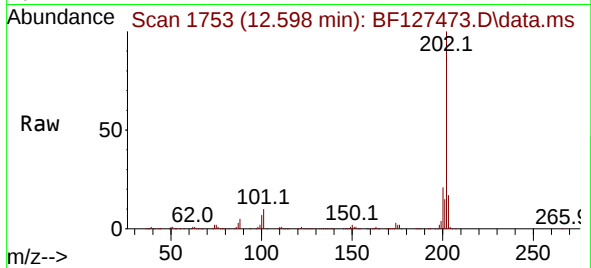




#75
Fluoranthene
Concen: 40.228 ng
RT: 12.598 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

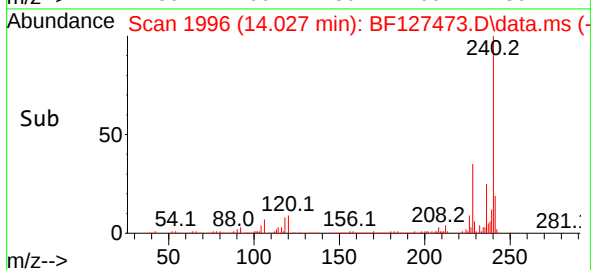
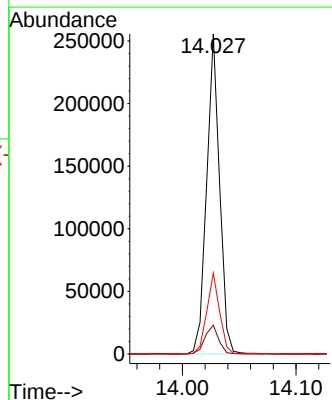
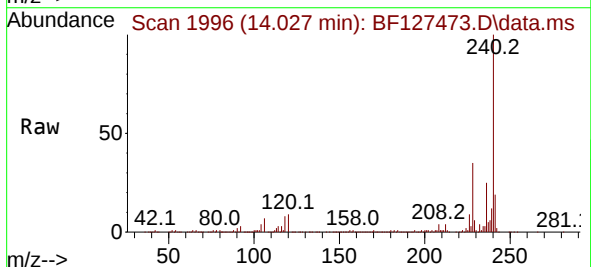
Instrument :
BNA_F
ClientSampleId :
PB143530BS

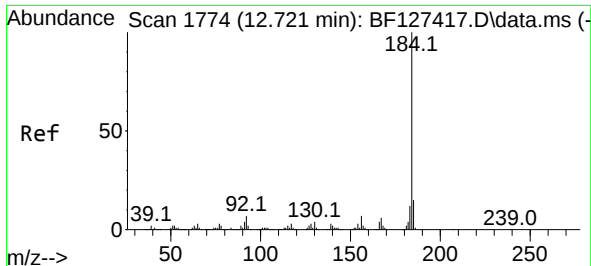
Tgt Ion:202 Resp: 789233
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.0
203 17.4 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

Tgt Ion:240 Resp: 201687
Ion Ratio Lower Upper
240 100
120 9.0 7.1 10.7
236 25.3 20.7 31.1

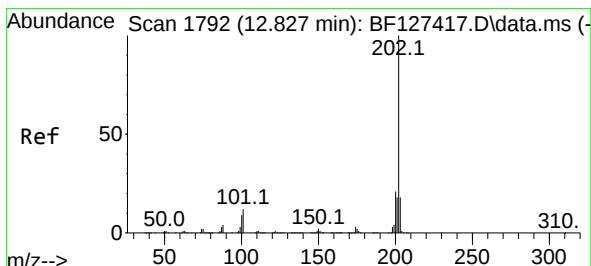
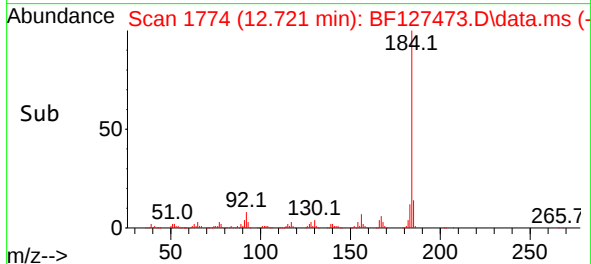
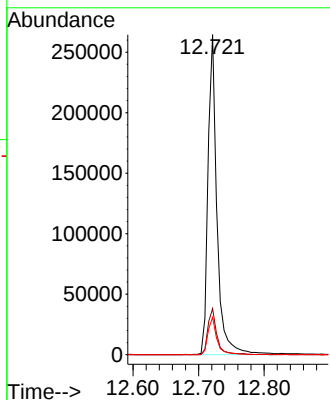
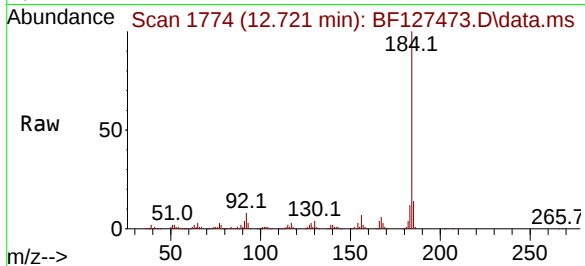




#77
Benzidine
Concen: 52.608 ng
RT: 12.721 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

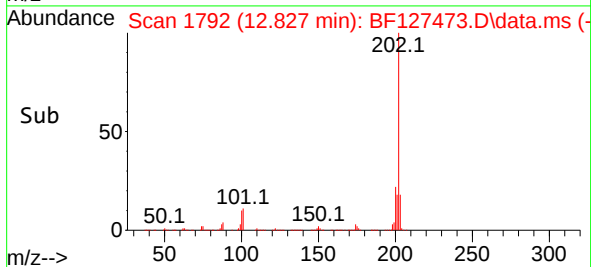
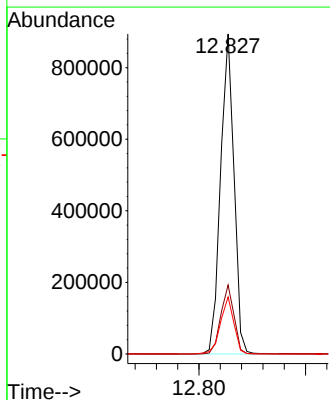
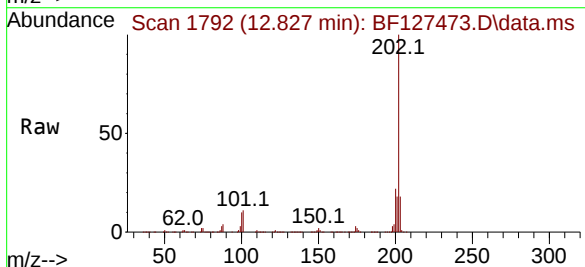
Instrument :
BNA_F
ClientSampleId :
PB143530BS

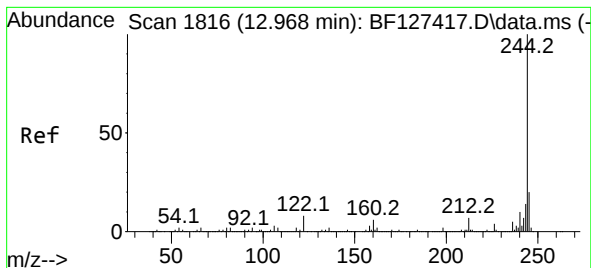
Tgt Ion:184 Resp: 252991
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.2
183 11.7 9.4 14.0



#78
Pyrene
Concen: 45.054 ng
RT: 12.827 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

Tgt Ion:202 Resp: 779844
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 17.8 14.3 21.5





#79

Terphenyl-d14

Concen: 90.459 ng

RT: 12.963 min Scan# 1816

Delta R.T. -0.006 min

Lab File: BF127473.D

Acq: 23 Mar 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB143530BS

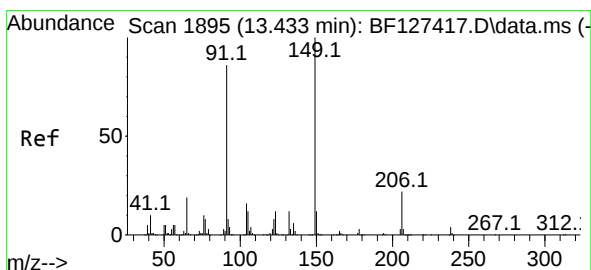
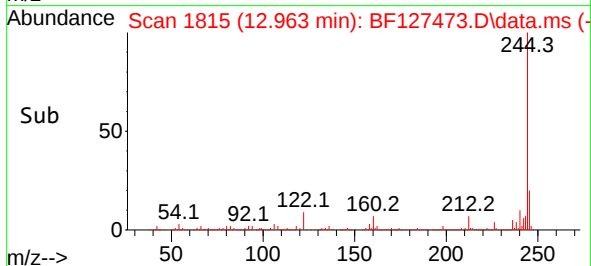
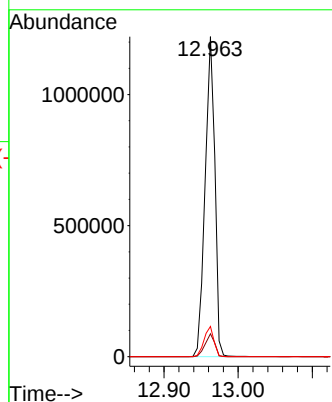
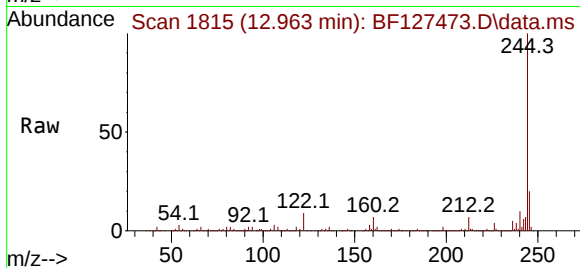
Tgt Ion:244 Resp: 1114486

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 9.5 6.2 9.2#



#80

Butylbenzylphthalate

Concen: 45.263 ng

RT: 13.433 min Scan# 1895

Delta R.T. 0.000 min

Lab File: BF127473.D

Acq: 23 Mar 2022 11:35

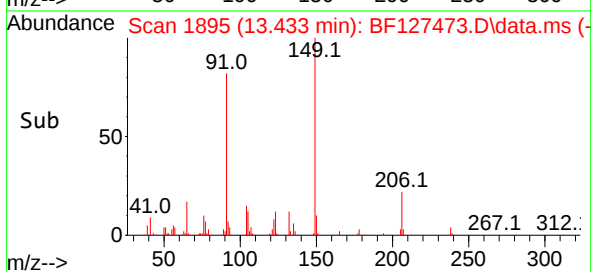
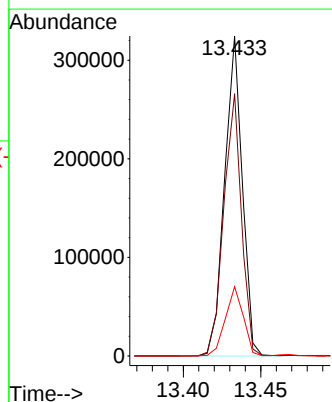
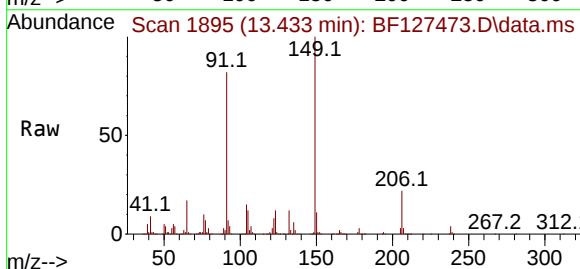
Tgt Ion:149 Resp: 257857

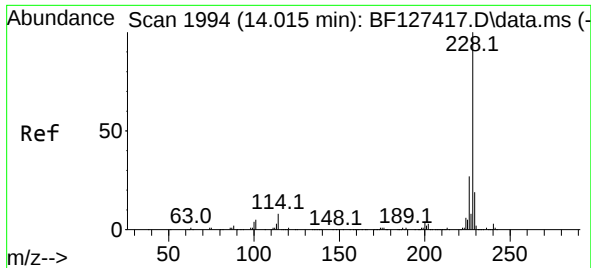
Ion Ratio Lower Upper

149 100

91 81.9 69.1 103.7

206 21.6 17.7 26.5

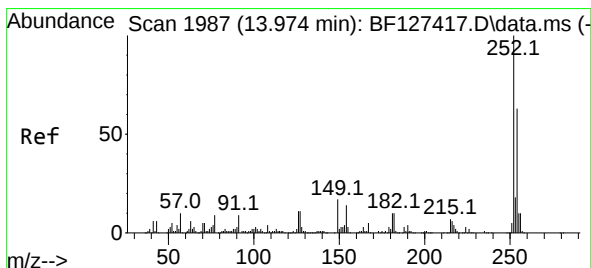
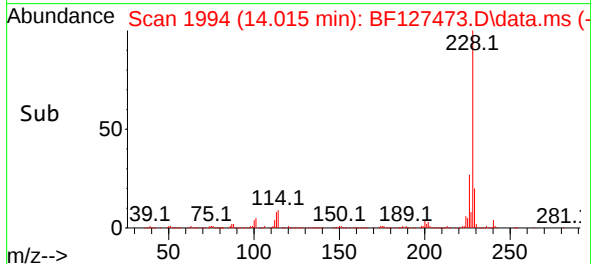
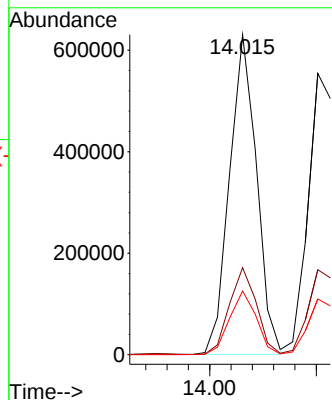
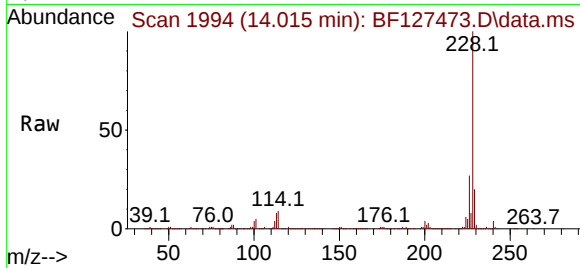




#81
Benzo(a)anthracene
Concen: 41.248 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

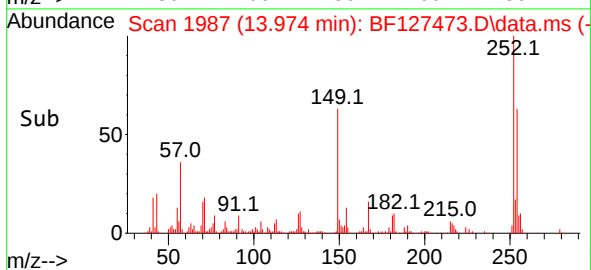
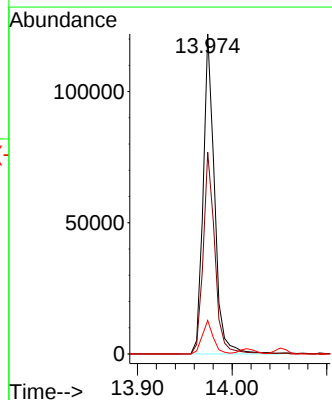
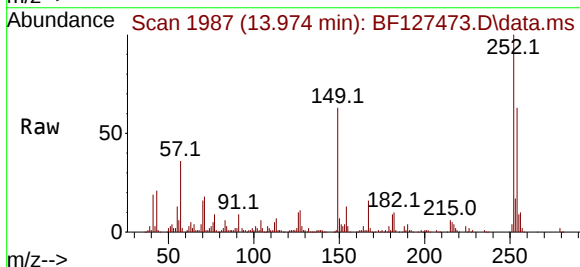
Instrument :
BNA_F
ClientSampleId :
PB143530BS

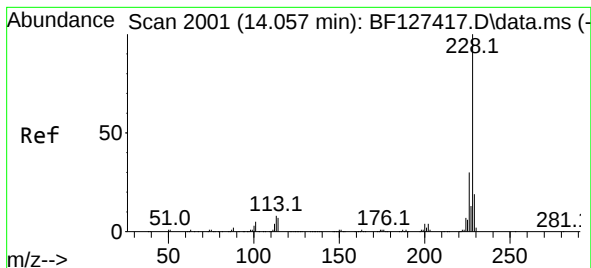
Tgt Ion:228 Resp: 556344
Ion Ratio Lower Upper
228 100
226 27.2 21.6 32.4
229 19.9 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 25.786 ng
RT: 13.974 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

Tgt Ion:252 Resp: 102218
Ion Ratio Lower Upper
252 100
254 63.0 50.2 75.4
126 10.5 8.7 13.1





#83

Chrysene

Concen: 40.204 ng

RT: 14.051 min Scan# 2001

Delta R.T. -0.006 min

Lab File: BF127473.D

Acq: 23 Mar 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB143530BS

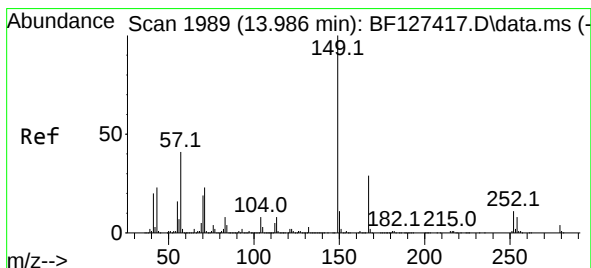
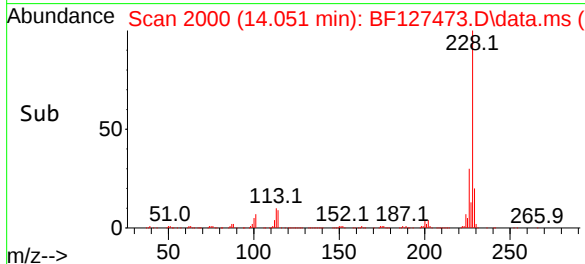
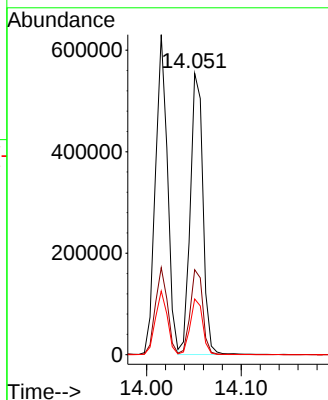
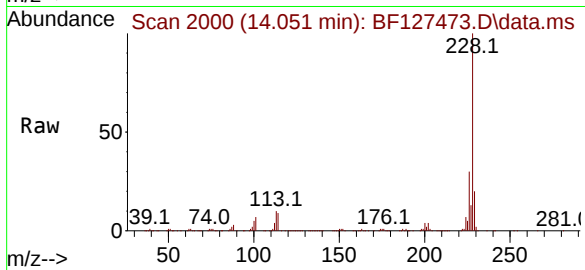
Tgt Ion:228 Resp: 513494

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.4

229 19.8 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.603 ng

RT: 13.986 min Scan# 1989

Delta R.T. 0.000 min

Lab File: BF127473.D

Acq: 23 Mar 2022 11:35

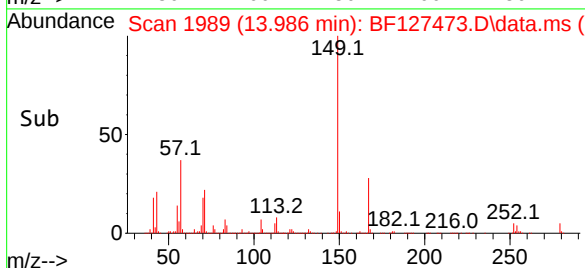
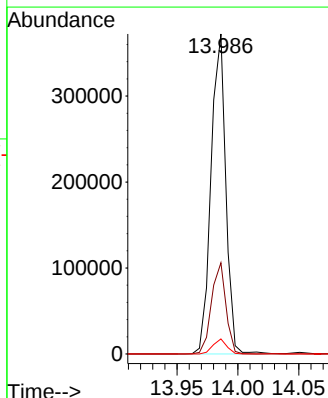
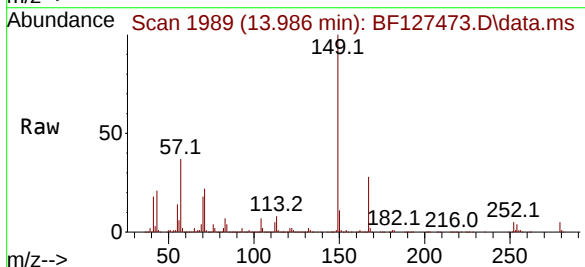
Tgt Ion:149 Resp: 313483

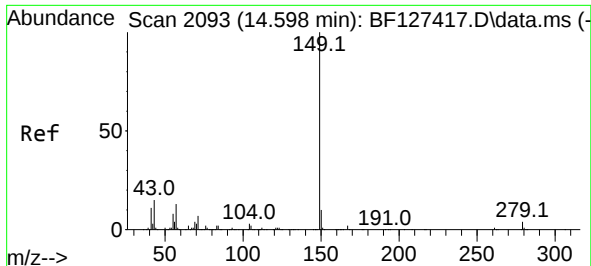
Ion Ratio Lower Upper

149 100

167 28.5 22.9 34.3

279 4.7 3.2 4.8

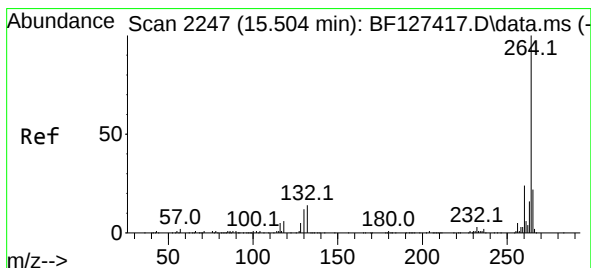
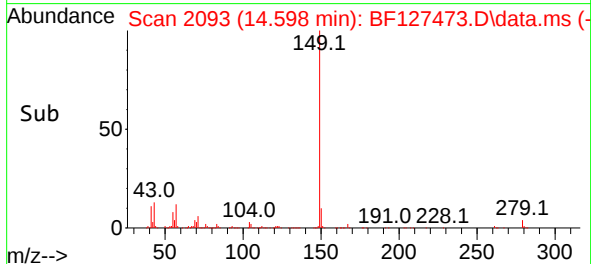
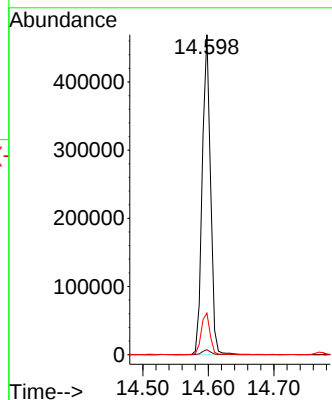
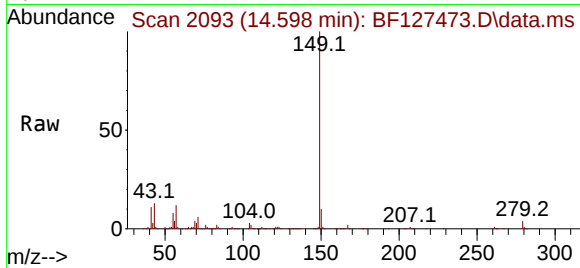




#85
Di-n-octyl phthalate
Concen: 47.108 ng
RT: 14.598 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

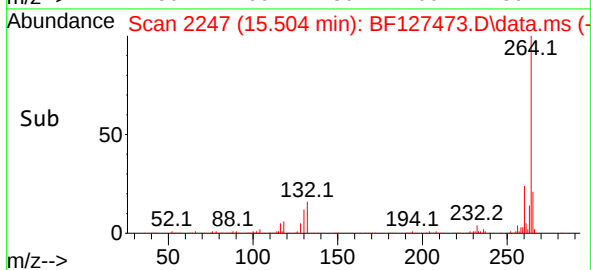
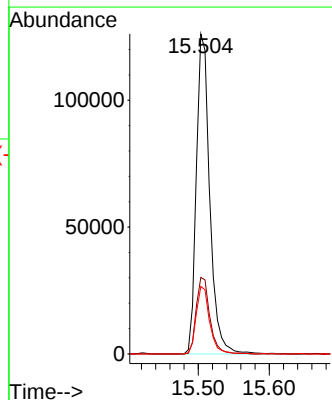
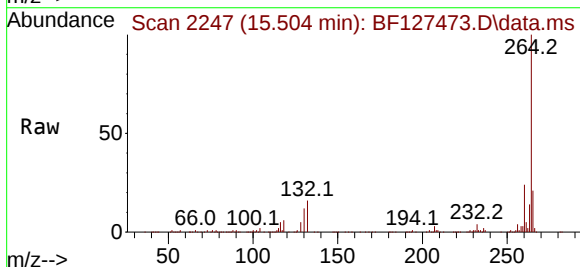
Instrument :
BNA_F
ClientSampleId :
PB143530BS

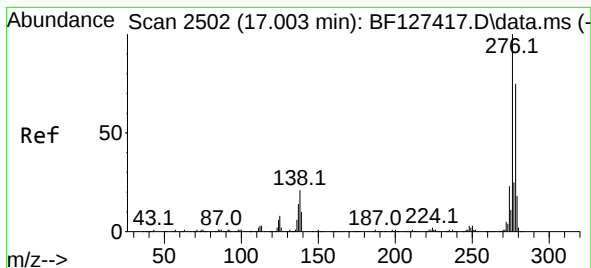
Tgt Ion:149 Resp: 412816
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 14.1 11.0 16.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2247
Delta R.T. 0.000 min
Lab File: BF127473.D
Acq: 23 Mar 2022 11:35

Tgt Ion:264 Resp: 166326
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 21.1 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.063 ng

RT: 17.009 min Scan# 2174

Delta R.T. 0.006 min

Lab File: BF127473.D

Acq: 23 Mar 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB143530BS

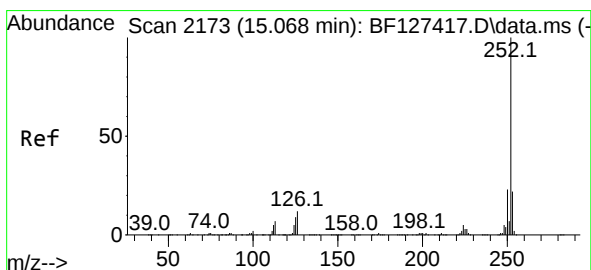
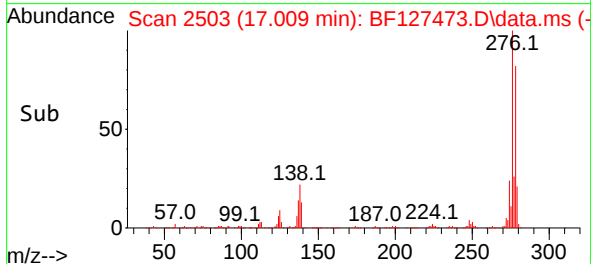
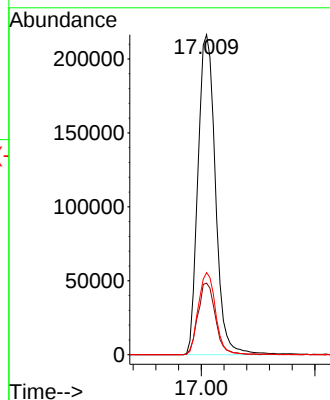
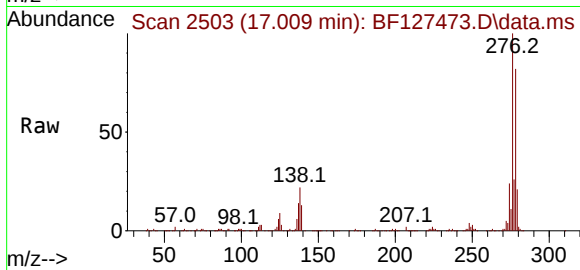
Tgt Ion:276 Resp: 462146

Ion Ratio Lower Upper

276 100

138 22.4 17.1 25.7

277 25.5 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 42.289 ng

RT: 15.074 min Scan# 2174

Delta R.T. 0.006 min

Lab File: BF127473.D

Acq: 23 Mar 2022 11:35

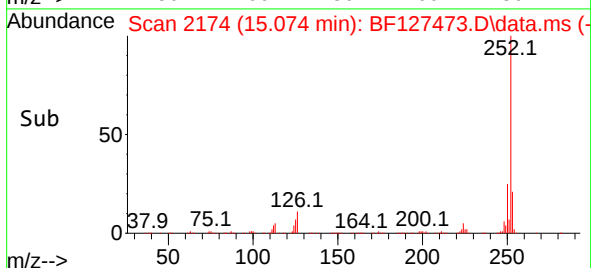
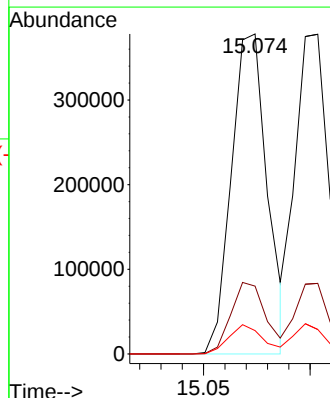
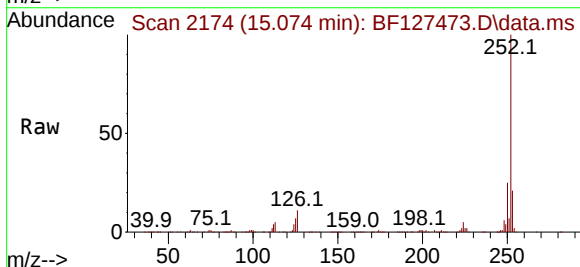
Tgt Ion:252 Resp: 443494

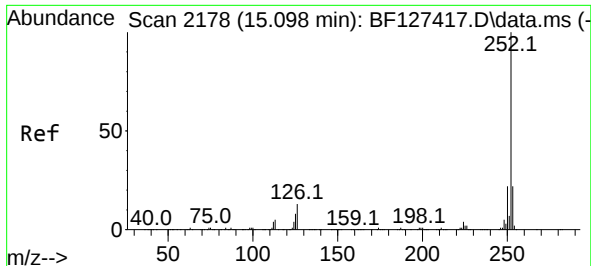
Ion Ratio Lower Upper

252 100

253 21.2 17.9 26.9

125 7.3 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 39.373 ng

RT: 15.104 min Scan# 2178

Delta R.T. 0.006 min

Lab File: BF127473.D

Acq: 23 Mar 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB143530BS

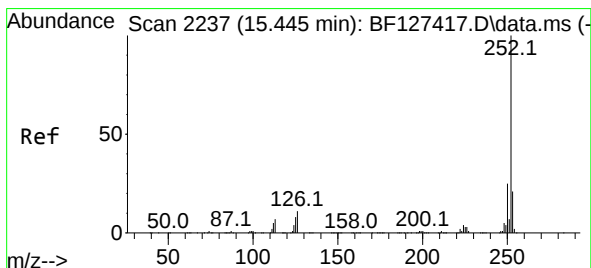
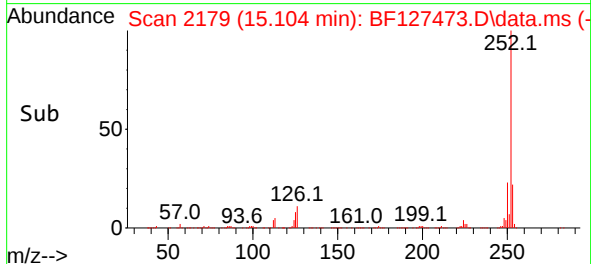
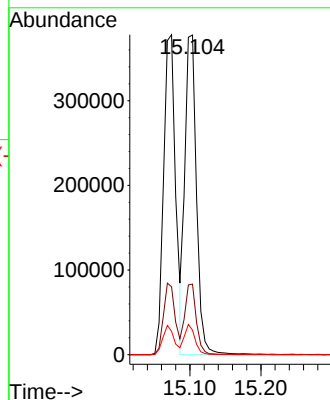
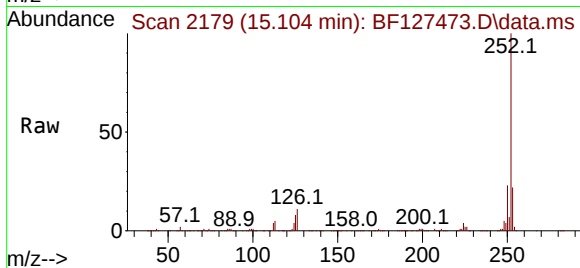
Tgt Ion:252 Resp: 428051

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 7.7 6.9 10.3



#90

Benzo(a)pyrene

Concen: 50.008 ng

RT: 15.445 min Scan# 2237

Delta R.T. 0.000 min

Lab File: BF127473.D

Acq: 23 Mar 2022 11:35

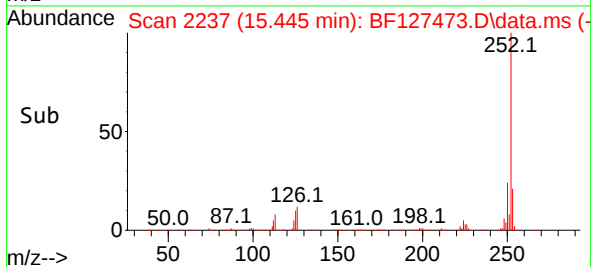
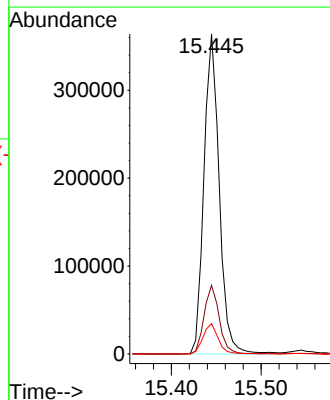
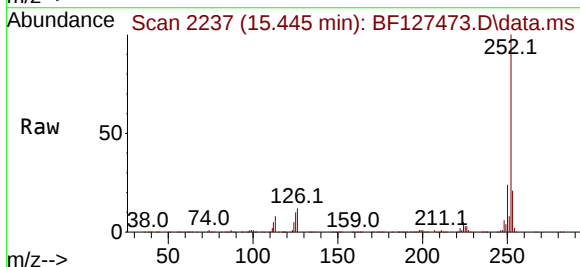
Tgt Ion:252 Resp: 430402

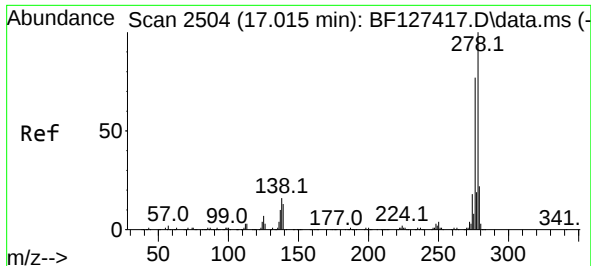
Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

125 9.5 6.7 10.1

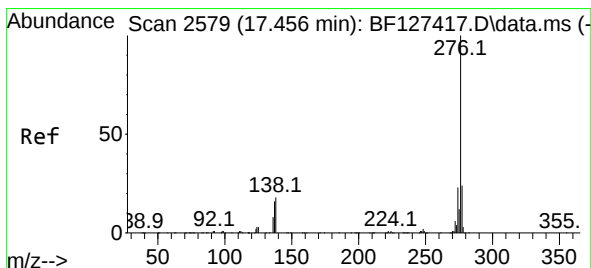
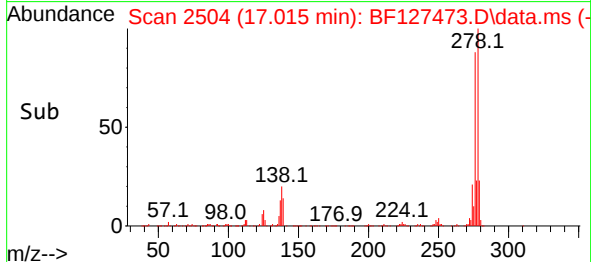
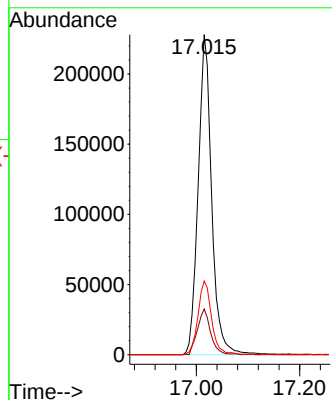
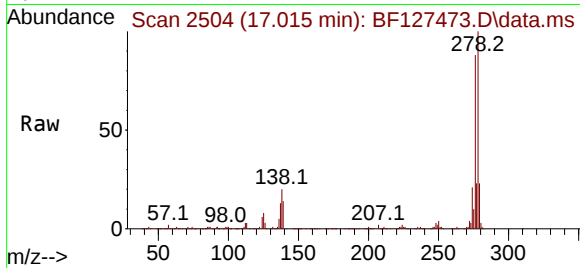




#91
 Dibenzo(a,h)anthracene
 Concen: 44.492 ng
 RT: 17.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF127473.D
 Acq: 23 Mar 2022 11:35

Instrument :
 BNA_F
 ClientSampleId :
 PB143530BS

Tgt Ion:278 Resp: 413415
 Ion Ratio Lower Upper
 278 100
 139 14.3 10.8 16.2
 279 23.0 17.7 26.5



#92
 Benzo(g,h,i)perylene
 Concen: 42.803 ng
 RT: 17.462 min Scan# 2580
 Delta R.T. 0.006 min
 Lab File: BF127473.D
 Acq: 23 Mar 2022 11:35

Tgt Ion:276 Resp: 411091
 Ion Ratio Lower Upper
 276 100
 277 24.0 19.0 28.4
 138 18.8 14.6 22.0

