

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
 Data File : BF127164.D
 Acq On : 03 Mar 2022 11:43
 Operator : CG\JU
 Sample : PB143032BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143032BS

Quant Time: Mar 03 16:58:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	91038	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	377569	20.000	ng	# 0.00
39) Acenaphthene-d10	9.934	164	194111	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	360497	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	244746	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	181728	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	737737	125.247	ng	0.01
7) Phenol-d6	6.528	99	944455	118.829	ng	0.00
23) Nitrobenzene-d5	7.457	82	655949	78.417	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	312317	139.744	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1105817	83.866	ng	0.00
79) Terphenyl-d14	13.016	244	1390385	83.512	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	102606	38.068	ng	98
3) Pyridine	3.510	79	255354	36.120	ng	94
4) n-Nitrosodimethylamine	3.475	42	161686	46.687	ng	80
6) Aniline	6.557	93	340105	36.115	ng	96
8) 2-Chlorophenol	6.681	128	282866	44.757	ng	93
9) Benzaldehyde	6.445	77	169168	34.966	ng	99
10) Phenol	6.540	94	365803	45.549	ng	78
11) bis(2-Chloroethyl)ether	6.628	93	262745	41.713	ng	100
12) 1,3-Dichlorobenzene	6.834	146	296265	43.457	ng	98
13) 1,4-Dichlorobenzene	6.910	146	301562	43.632	ng	97
14) 1,2-Dichlorobenzene	7.057	146	289446	43.915	ng	98
15) Benzyl Alcohol	7.034	79	265153	39.600	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.163	45	351034	35.391	ng	88
17) 2-Methylphenol	7.145	107	249217	45.578	ng	# 91
18) Hexachloroethane	7.398	117	116612	44.017	ng	92
19) n-Nitroso-di-n-propyla...	7.304	70	208852	40.780	ng	98
20) 3+4-Methylphenols	7.298	107	300787	42.362	ng	92
22) Acetophenone	7.304	105	411884	41.432	ng	# 98
24) Nitrobenzene	7.481	77	333971	42.263	ng	98
25) Isophorone	7.716	82	574062	41.473	ng	# 97
26) 2-Nitrophenol	7.792	139	149192	44.344	ng	# 81
27) 2,4-Dimethylphenol	7.828	122	262142	47.428	ng	93
28) bis(2-Chloroethoxy)met...	7.922	93	323018	38.493	ng	98
29) 2,4-Dichlorophenol	8.034	162	223673	43.044	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	245852	42.319	ng	99
31) Naphthalene	8.198	128	828987	42.060	ng	99
32) Benzoic acid	7.957	122	156906	40.029	ng	91
33) 4-Chloroaniline	8.245	127	189824	24.469	ng	97
34) Hexachlorobutadiene	8.304	225	145038	42.763	ng	99
35) Caprolactam	8.628	113	46159	25.437	ng	# 87
36) 4-Chloro-3-methylphenol	8.734	107	290190	43.696	ng	97
37) 2-Methylnaphthalene	8.886	142	554431	43.351	ng	97
38) 1-Methylnaphthalene	8.986	142	515818	42.118	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	231956	45.395	ng	99
41) Hexachlorocyclopentadiene	9.039	237	264859	95.572	ng	95
43) 2,4,6-Trichlorophenol	9.169	196	157635	42.062	ng	98

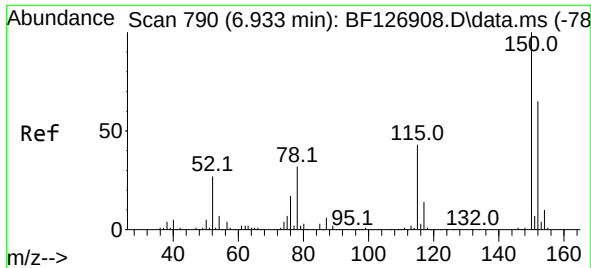
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	174036	44.131	ng	96
46) 1,1'-Biphenyl	9.357	154	662517	43.079	ng	96
47) 2-Chloronaphthalene	9.381	162	485774	42.595	ng	94
48) 2-Nitroaniline	9.481	65	189403	42.086	ng	98
49) Acenaphthylene	9.798	152	818724	44.195	ng	99
50) Dimethylphthalate	9.657	163	590024	42.525	ng	# 98
51) 2,6-Dinitrotoluene	9.722	165	130203	46.124	ng	# 85
52) Acenaphthene	9.969	154	470108	39.020	ng	98
53) 3-Nitroaniline	9.892	138	102883	29.816	ng	96
54) 2,4-Dinitrophenol	10.004	184	138950	92.997	ng	# 87
55) Dibenzofuran	10.145	168	692604	41.807	ng	93
56) 4-Nitrophenol	10.063	139	214097	84.007	ng	# 78
57) 2,4-Dinitrotoluene	10.128	165	177993	46.634	ng	# 95
58) Fluorene	10.486	166	561102	43.482	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	139021	44.465	ng	92
60) Diethylphthalate	10.357	149	608707	41.986	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	262130	43.079	ng	96
62) 4-Nitroaniline	10.516	138	145404	42.672	ng	# 79
63) Azobenzene	10.639	77	621878	38.521	ng	93
65) 4,6-Dinitro-2-methylph...	10.539	198	87847	41.473	ng	99
66) n-Nitrosodiphenylamine	10.598	169	478921	40.514	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	169033	41.966	ng	99
68) Hexachlorobenzene	11.033	284	188511	43.475	ng	93
69) Atrazine	11.128	200	167263	45.622	ng	97
70) Pentachlorophenol	11.233	266	194622	82.223	ng	97
71) Phenanthrene	11.451	178	859286	42.586	ng	99
72) Anthracene	11.504	178	875086	43.564	ng	99
73) Carbazole	11.663	167	755119	40.992	ng	99
74) Di-n-butylphthalate	11.980	149	956557	40.393	ng	99
75) Fluoranthene	12.645	202	872988	45.566	ng	93
77) Benzidine	12.763	184	378927	56.972	ng	# 97
78) Pyrene	12.874	202	864672	40.665	ng	99
80) Butylbenzylphthalate	13.486	149	400268	39.763	ng	# 85
81) Benzo(a)anthracene	14.063	228	717443	43.482	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	158207	30.425	ng	# 94
83) Chrysene	14.104	228	674323	43.460	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	527286	39.898	ng	# 97
85) Di-n-octyl phthalate	14.657	149	782531	41.125	ng	95
87) Indeno(1,2,3-cd)pyrene	17.086	276	493356	41.402	ng	# 85
88) Benzo(b)fluoranthene	15.127	252	580640	47.572	ng	# 93
89) Benzo(k)fluoranthene	15.157	252	558148	47.411	ng	# 95
90) Benzo(a)pyrene	15.504	252	510378	53.534	ng	# 93
91) Dibenzo(a,h)anthracene	17.104	278	423188	42.940	ng	# 90
92) Benzo(g,h,i)perylene	17.545	276	417840	43.006	ng	# 85

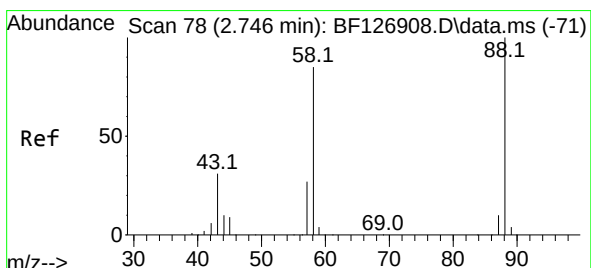
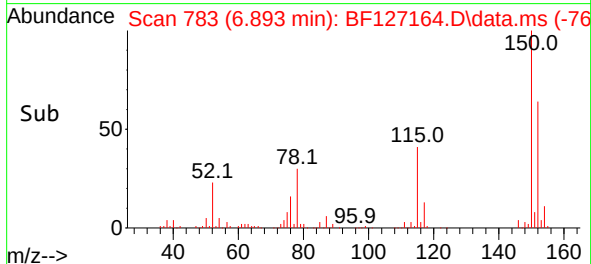
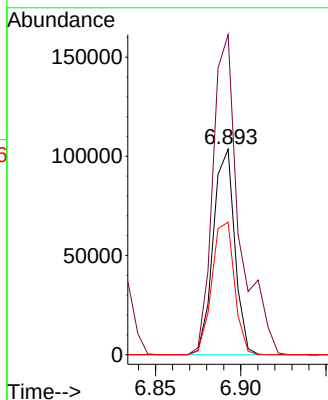
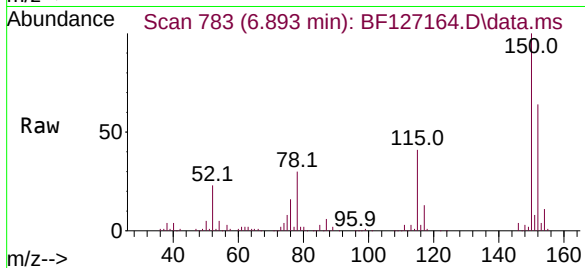
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 71
 Delta R.T. -0.000 min
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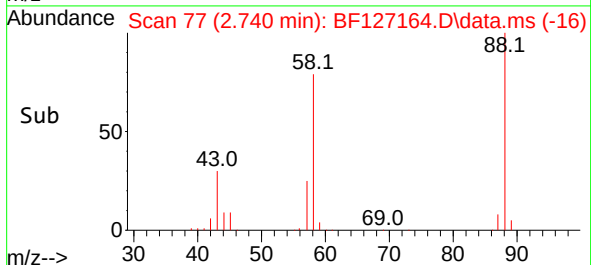
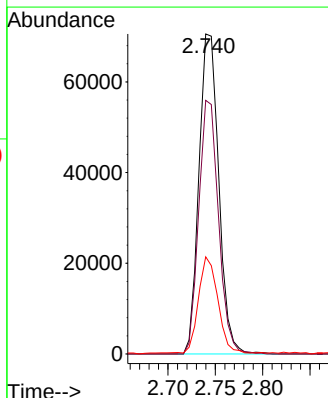
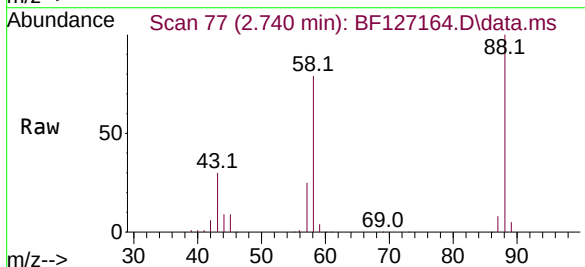
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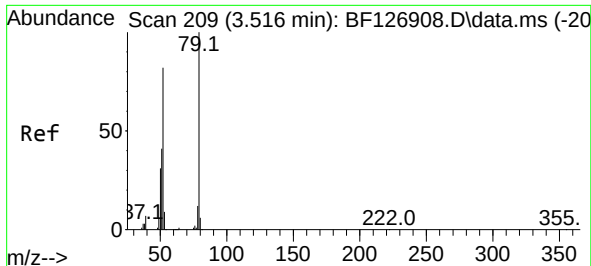
Tgt Ion:152 Resp: 91038
 Ion Ratio Lower Upper
 152 100
 150 155.7 128.1 192.1
 115 64.4 56.7 85.1



#2
 1,4-Dioxane
 Concen: 38.068 ng
 RT: 2.740 min Scan# 77
 Delta R.T. 0.059 min
 Lab File: BF127164.D
 Acq: 03 Mar 2022 11:43

Tgt Ion: 88 Resp: 102606
 Ion Ratio Lower Upper
 88 100
 58 79.1 62.8 94.2
 43 30.7 22.3 33.5

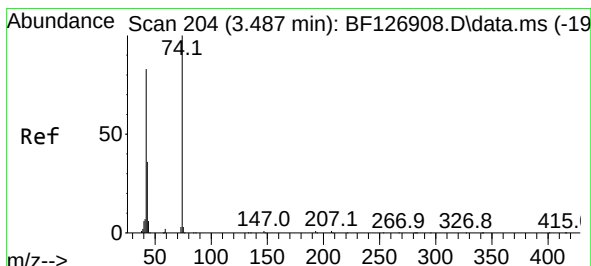
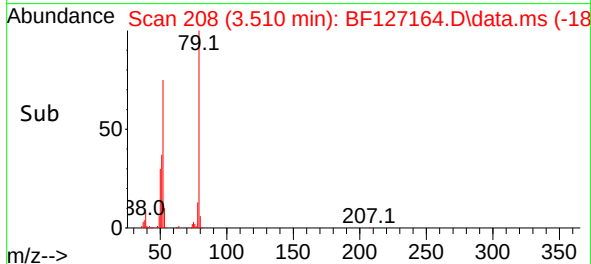
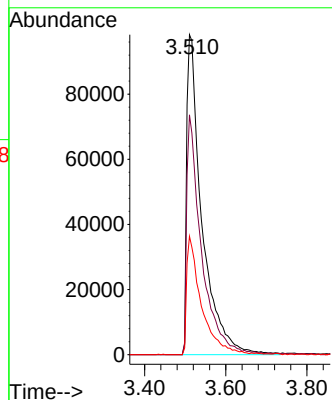
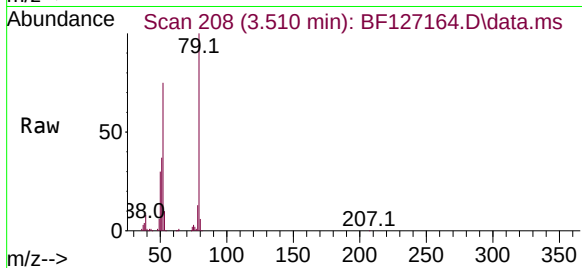




#3
Pyridine
Concen: 36.120 ng
RT: 3.510 min Scan# 209
Delta R.T. 0.059 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

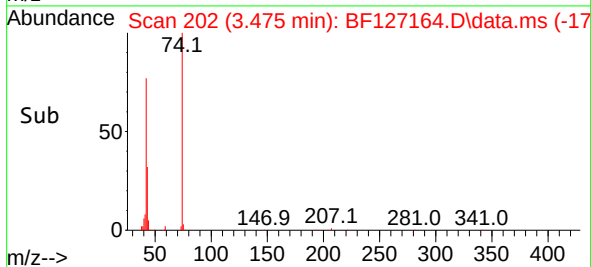
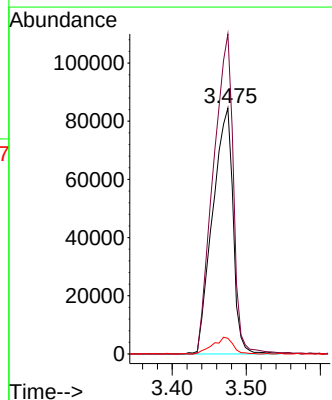
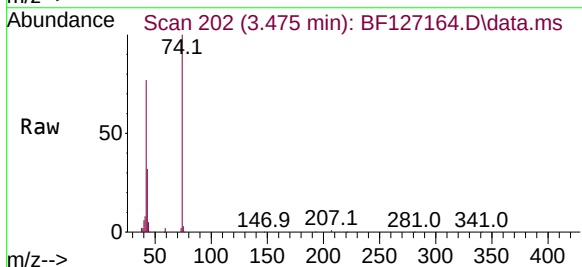
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ClientSampleId :
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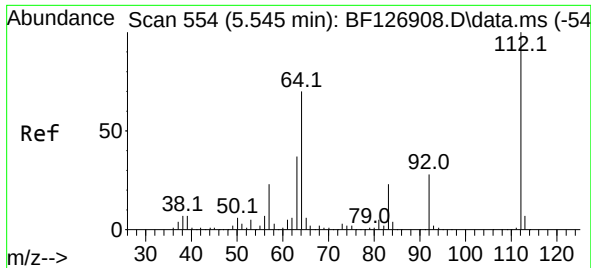
Tgt Ion: 79 Resp: 255354
Ion Ratio Lower Upper
79 100
52 75.0 56.2 84.4
51 37.0 26.7 40.1



#4
n-Nitrosodimethylamine
Concen: 46.687 ng
RT: 3.475 min Scan# 202
Delta R.T. 0.059 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

Tgt Ion: 42 Resp: 161686
Ion Ratio Lower Upper
42 100
74 130.1 125.6 188.4
44 6.4 5.7 8.5

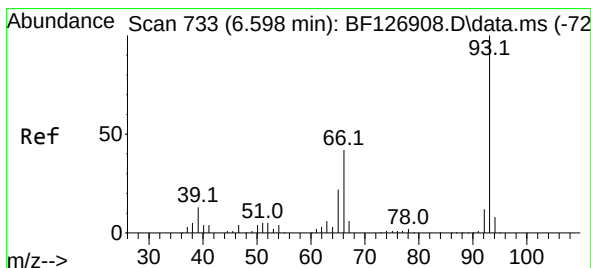
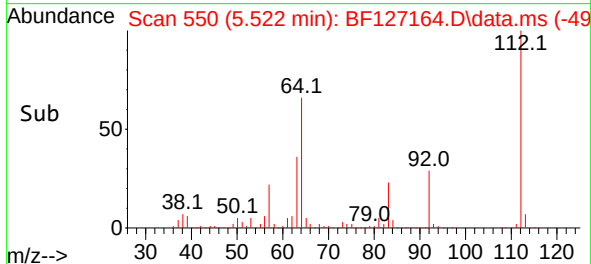
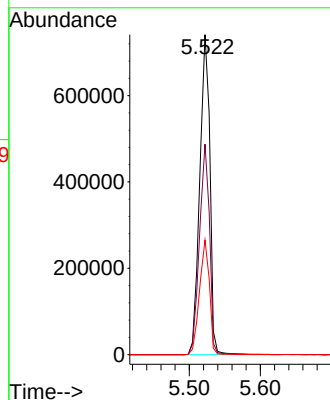
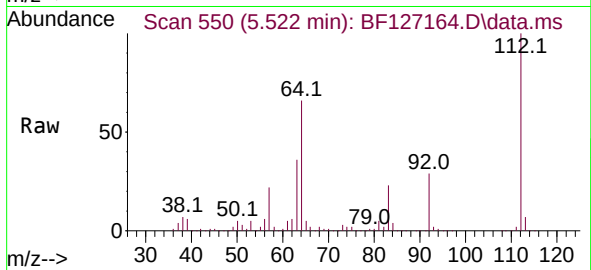




#5
2-Fluorophenol
Concen: 125.247 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

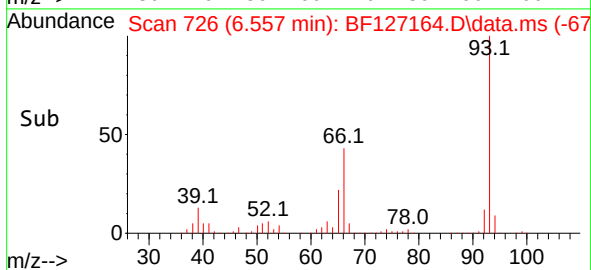
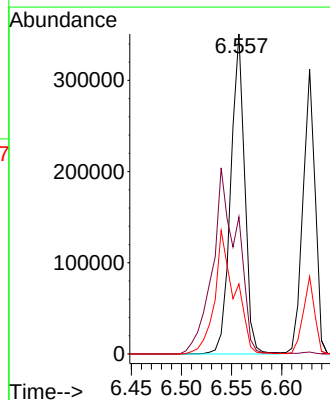
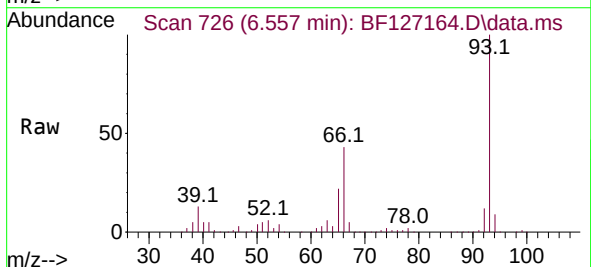
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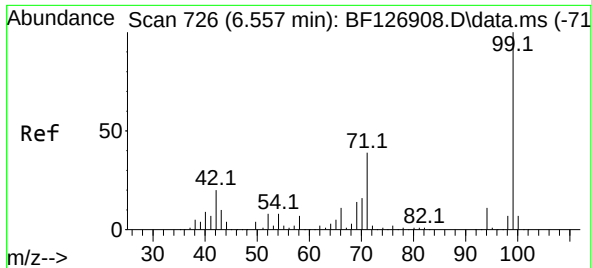
Tgt Ion:112 Resp: 737737
Ion Ratio Lower Upper
112 100
64 65.8 49.5 74.3
63 35.8 23.9 35.9



#6
Aniline
Concen: 36.115 ng
RT: 6.557 min Scan# 726
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

Tgt Ion: 93 Resp: 340105
Ion Ratio Lower Upper
93 100
66 42.8 32.2 48.4
65 21.9 16.3 24.5

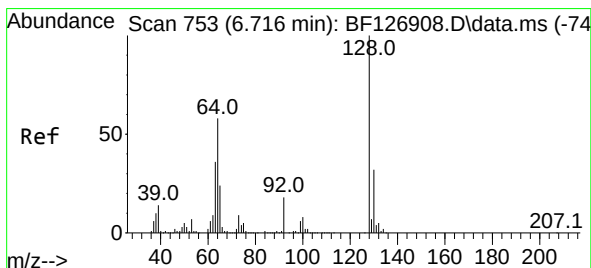
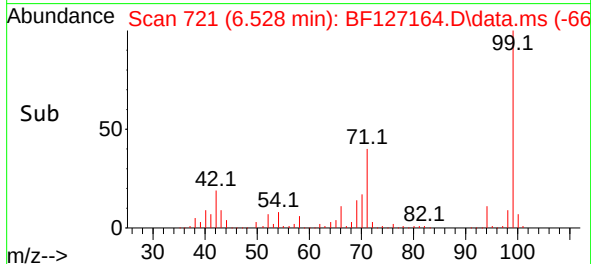
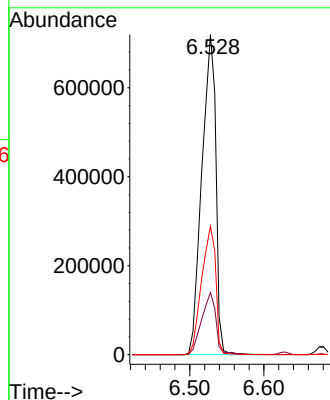
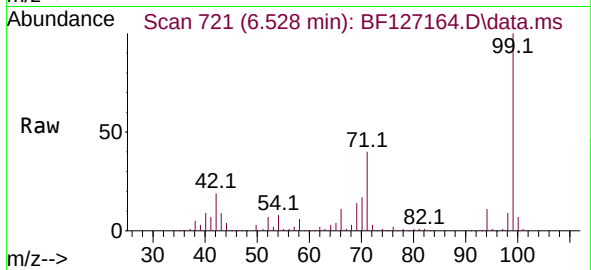




#7
Phenol-d6
Concen: 118.829 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

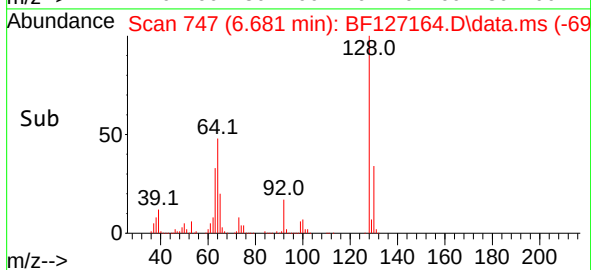
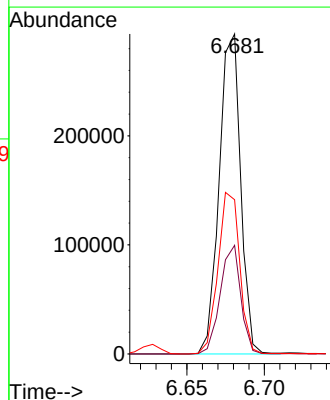
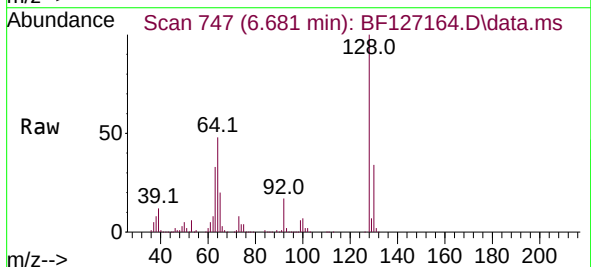
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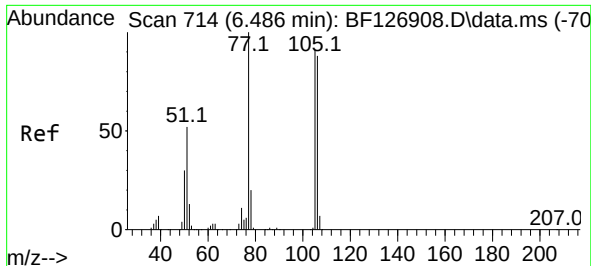
Tgt Ion: 99 Resp: 944455
Ion Ratio Lower Upper
99 100
42 19.4 14.2 21.4
71 40.1 24.3 36.5#



#8
2-Chlorophenol
Concen: 44.757 ng
RT: 6.681 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF127164.D
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Tgt Ion: 128 Resp: 282866
Ion Ratio Lower Upper
128 100
130 34.0 12.7 52.7
64 48.2 35.6 75.6

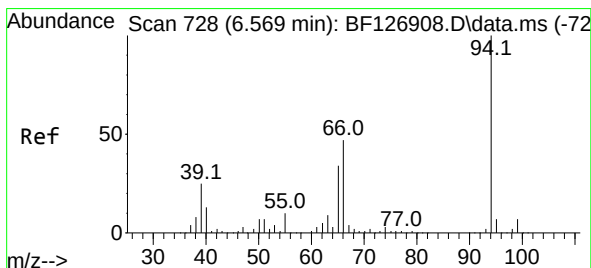
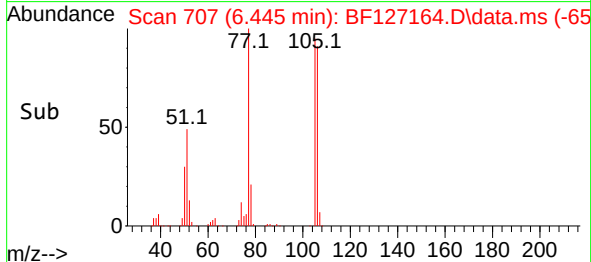
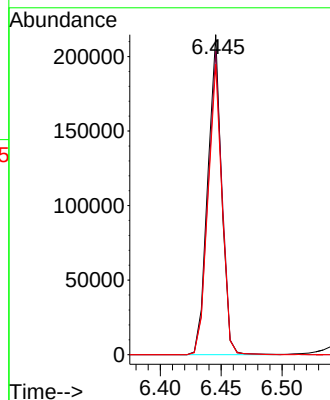
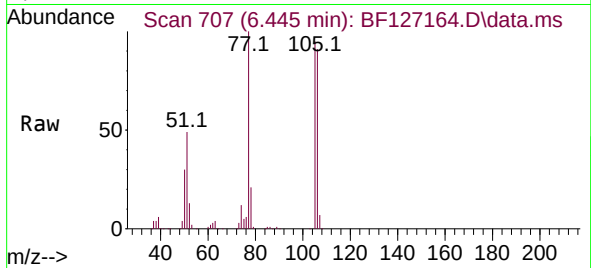




#9
Benzaldehyde
Concen: 34.966 ng
RT: 6.445 min Scan# 707
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

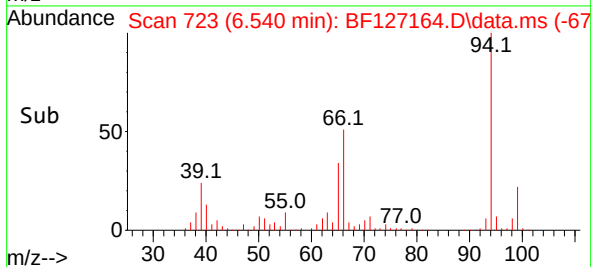
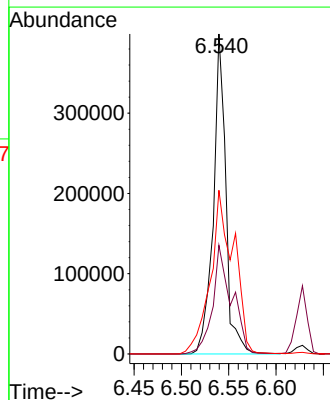
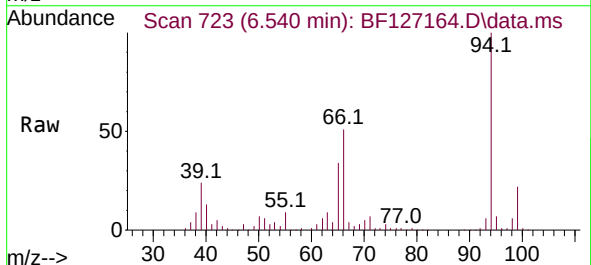
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ClientSampleId :
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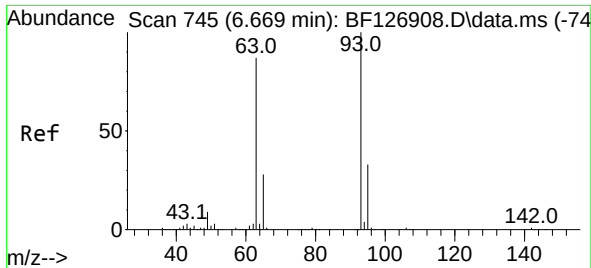
Tgt Ion: 77 Resp: 169168
Ion Ratio Lower Upper
77 100
105 94.9 74.9 114.9
106 90.8 72.4 112.4



#10
Phenol
Concen: 45.549 ng
RT: 6.540 min Scan# 723
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

Tgt Ion: 94 Resp: 365803
Ion Ratio Lower Upper
94 100
65 34.0 7.2 47.2
66 51.1 14.5 54.5

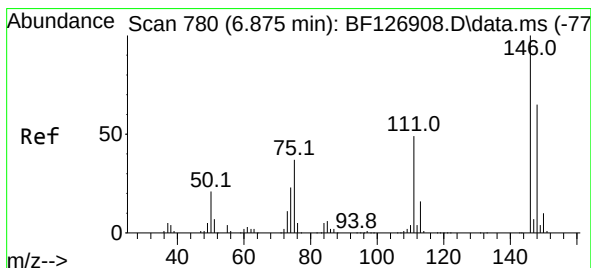
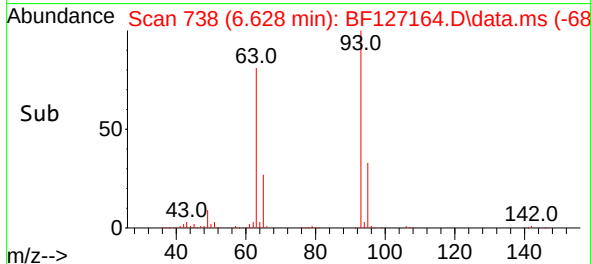
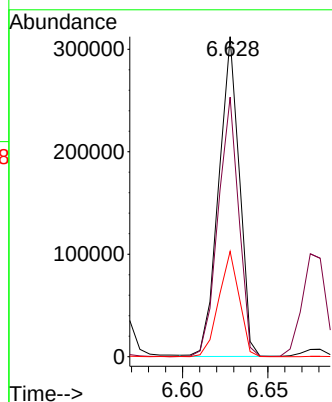
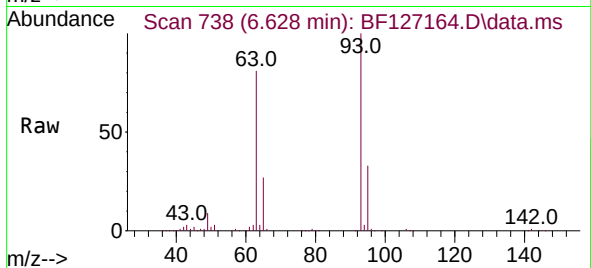




#11
bis(2-Chloroethyl)ether
Concen: 41.713 ng
RT: 6.628 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

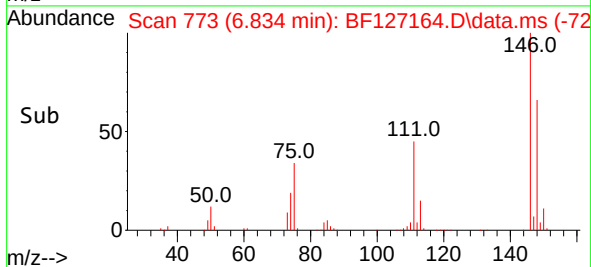
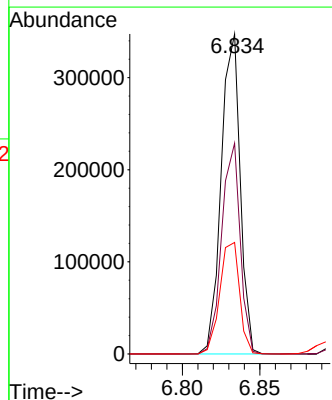
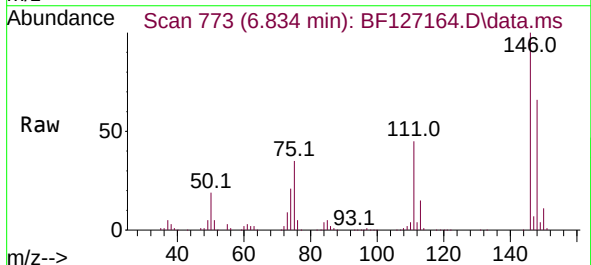
Instrument :
BNA_F
ClientSampleId :
PB143032BS

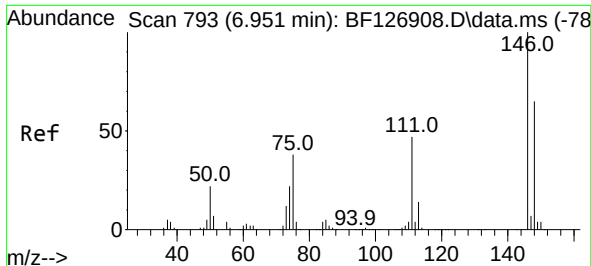
Tgt Ion: 93 Resp: 262745
Ion Ratio Lower Upper
93 100
63 81.1 60.5 100.5
95 32.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 43.457 ng
RT: 6.834 min Scan# 773
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

Tgt Ion:146 Resp: 296265
Ion Ratio Lower Upper
146 100
148 65.8 50.9 76.3
75 34.8 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 43.632 ng

RT: 6.910 min Scan# 793

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB143032BS

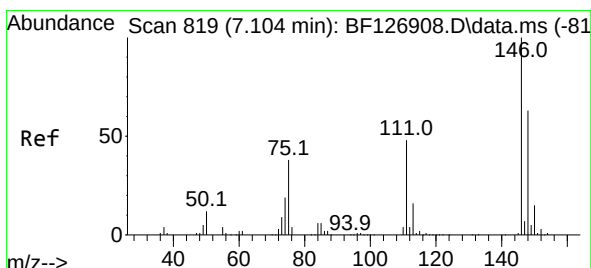
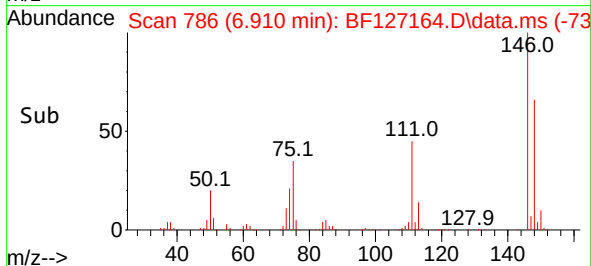
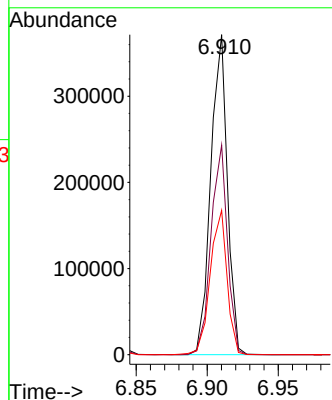
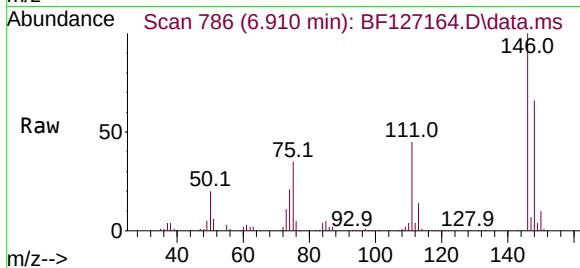
Tgt Ion:146 Resp: 301562

Ion Ratio Lower Upper

146 100

148 65.5 49.8 74.6

111 45.1 36.1 54.1



#14

1,2-Dichlorobenzene

Concen: 43.915 ng

RT: 7.057 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

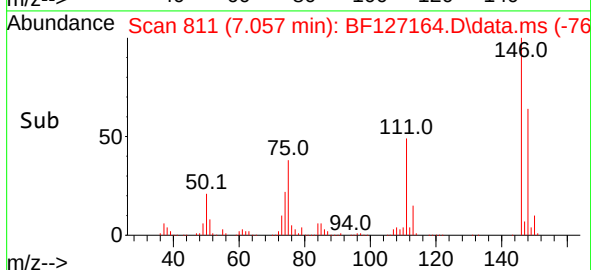
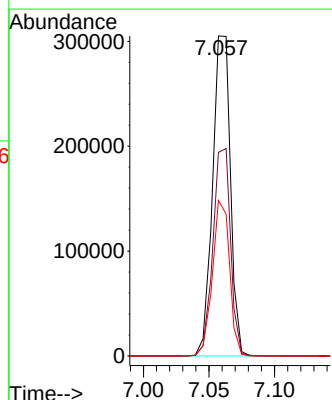
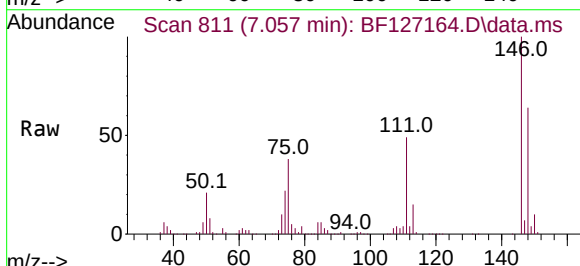
Tgt Ion:146 Resp: 289446

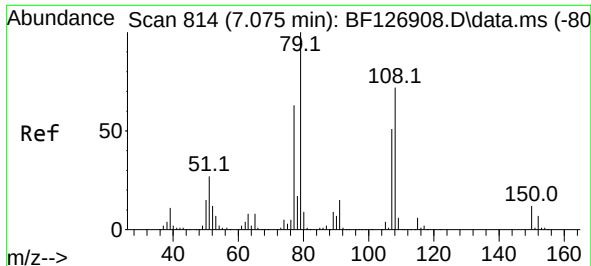
Ion Ratio Lower Upper

146 100

148 63.6 51.6 77.4

111 48.6 40.2 60.2





#15

Benzyl Alcohol

Concen: 39.600 ng

RT: 7.034 min Scan# 807

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB143032BS

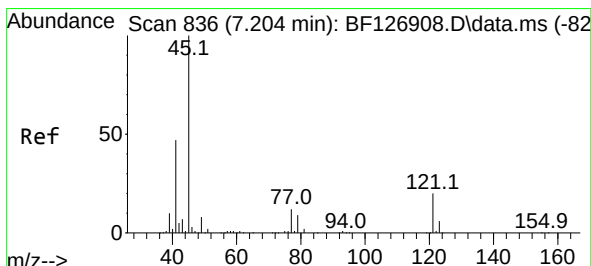
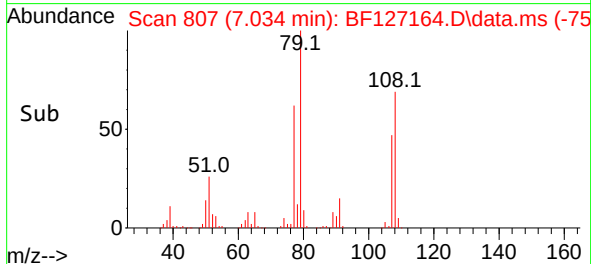
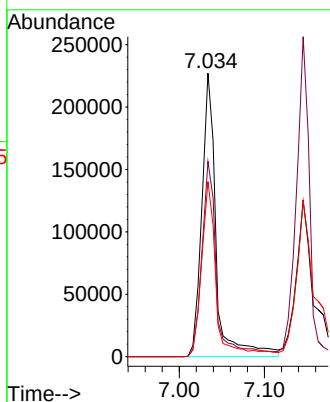
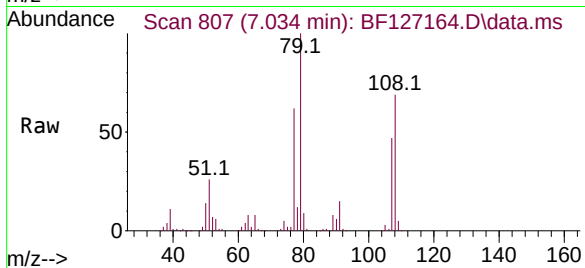
Tgt Ion: 79 Resp: 265153

Ion Ratio Lower Upper

79 100

108 68.8 63.2 94.8

77 61.7 49.4 74.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.391 ng

RT: 7.163 min Scan# 829

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

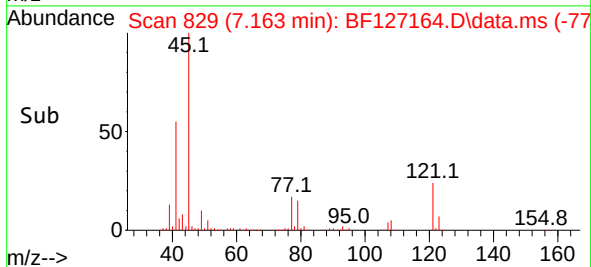
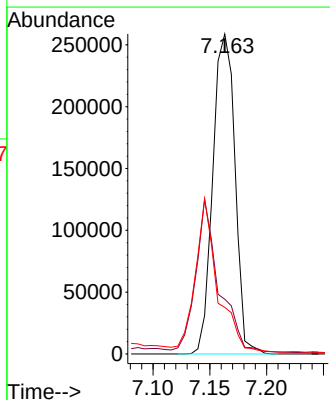
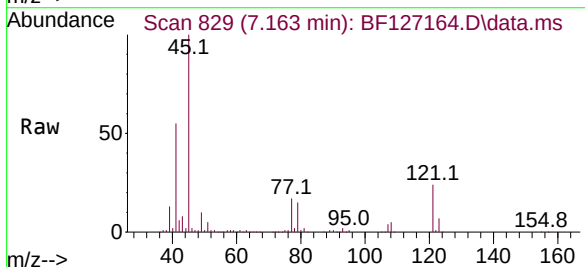
Tgt Ion: 45 Resp: 351034

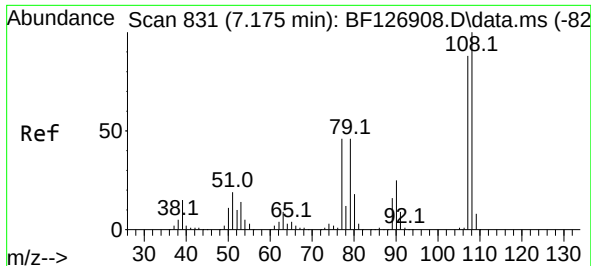
Ion Ratio Lower Upper

45 100

77 17.1 0.0 32.4

79 14.6 0.0 29.8

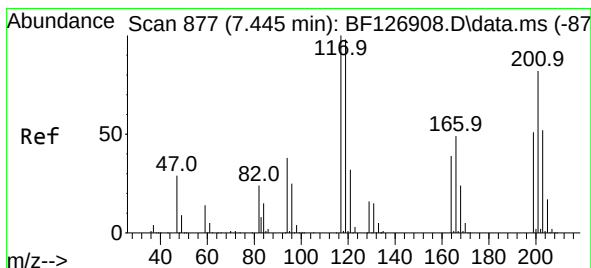
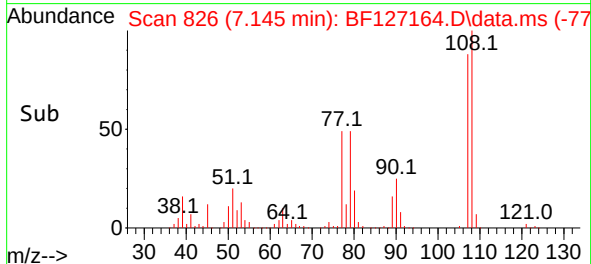
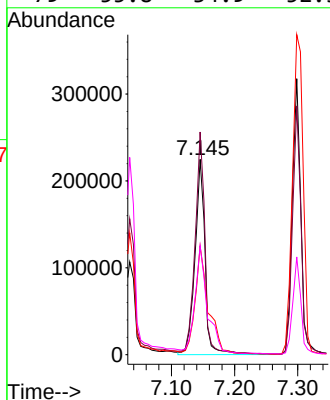
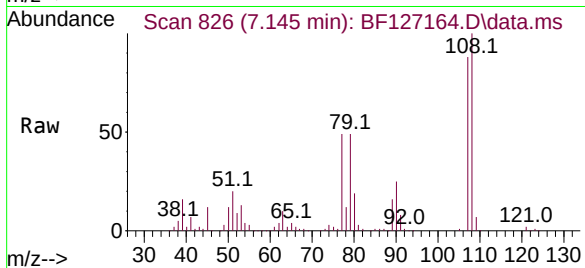




#17
2-Methylphenol
Concen: 45.578 ng
RT: 7.145 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

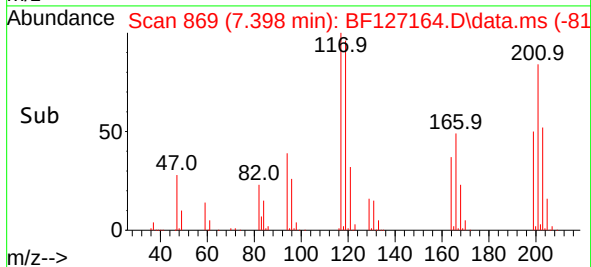
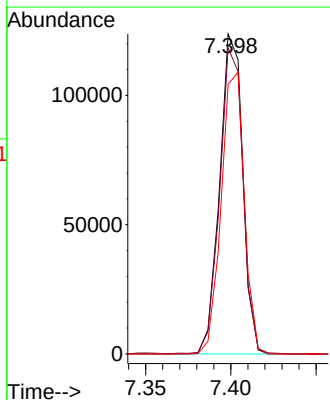
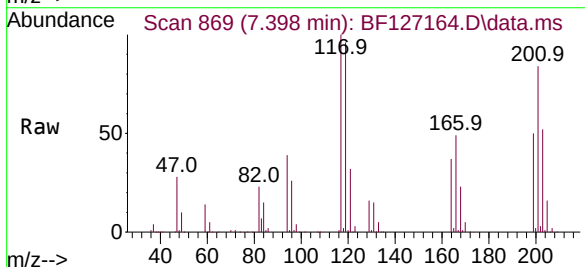
Instrument :
BNA_F
ClientSampleId :
PB143032BS

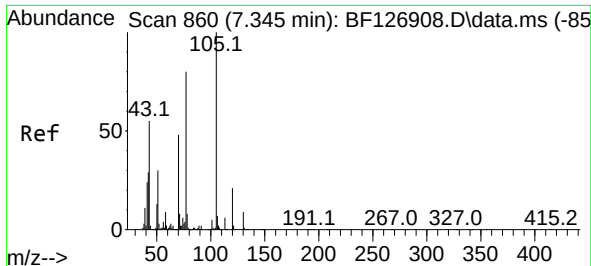
Tgt Ion:107 Resp: 249217
Ion Ratio Lower Upper
107 100
108 114.0 93.4 140.0
77 55.6 36.1 54.1#
79 55.8 34.9 52.3#



#18
Hexachloroethane
Concen: 44.017 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

Tgt Ion:117 Resp: 116612
Ion Ratio Lower Upper
117 100
119 95.6 75.4 113.0
201 84.3 56.8 85.2



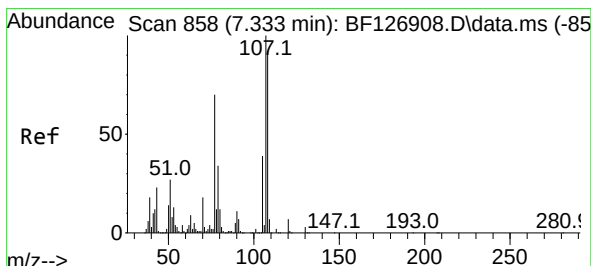
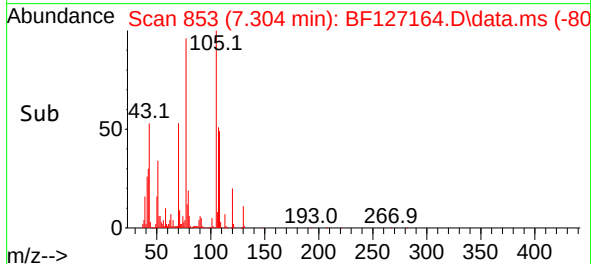
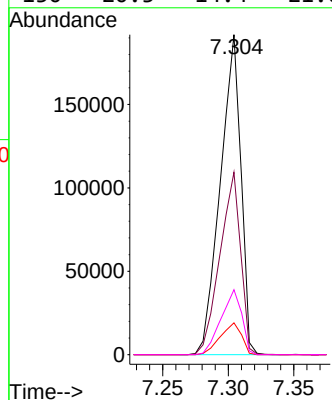
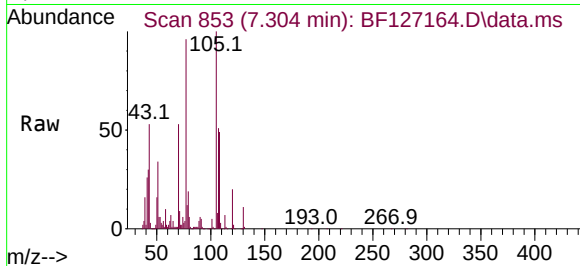


#19
n-Nitroso-di-n-propylamine
Concen: 40.780 ng
RT: 7.304 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

Instrument :
BNA_F
ClientSampleId :
PB143032BS

Tgt Ion: 70 Resp: 208852

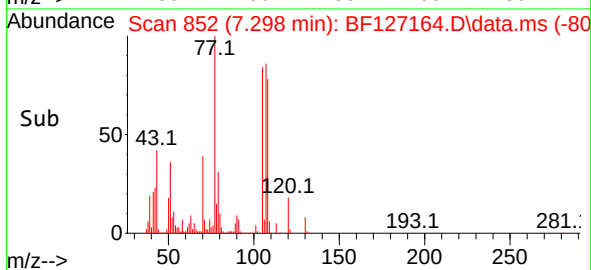
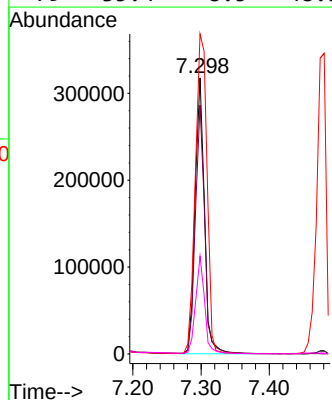
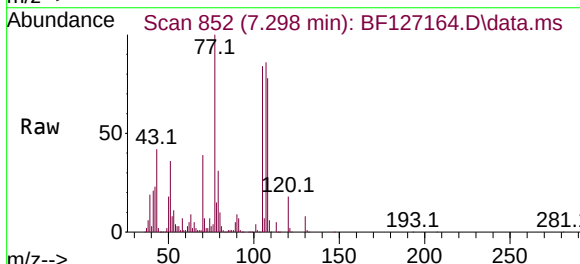
Ion	Ratio	Lower	Upper
70	100		
42	57.0	45.8	68.8
101	9.9	6.9	10.3
130	20.3	14.4	21.6

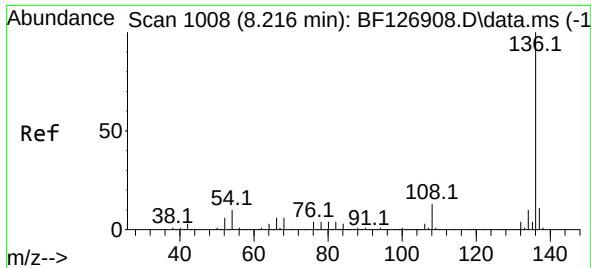


#20
3+4-Methylphenols
Concen: 42.362 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

Tgt Ion: 107 Resp: 300787

Ion	Ratio	Lower	Upper
107	100		
108	90.1	72.4	112.4
77	115.9	83.8	123.8
79	35.4	8.5	48.5



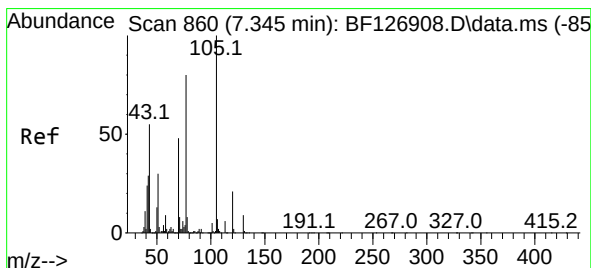
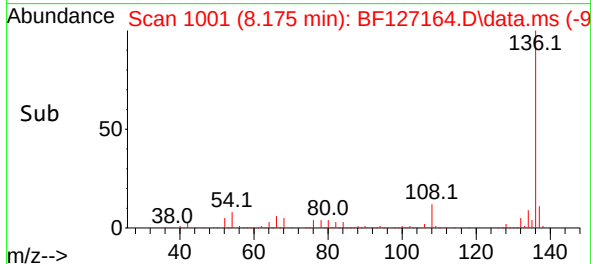
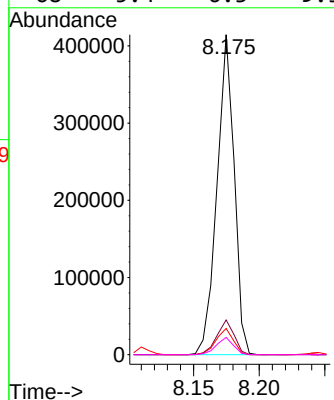
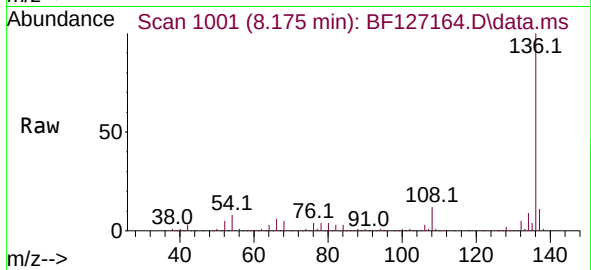


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

Instrument :
BNA_F
ClientSampleId :
PB143032BS

Tgt Ion:136 Resp: 377569

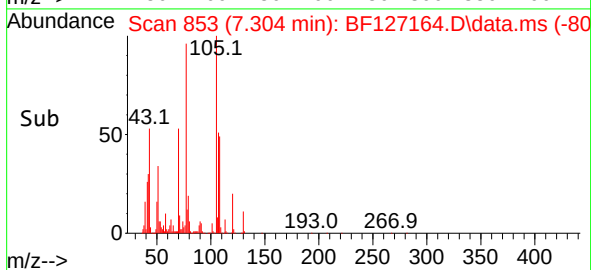
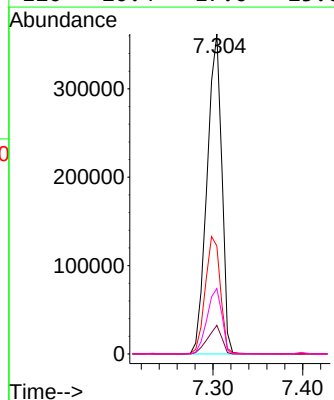
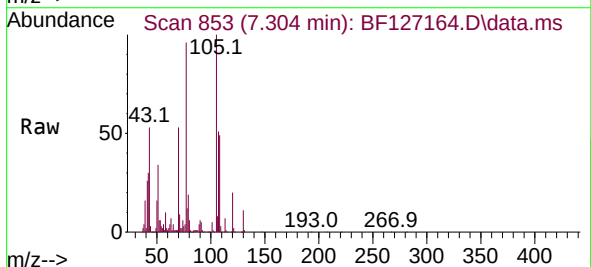
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.2	7.8	11.6
68	5.4	6.3	9.5

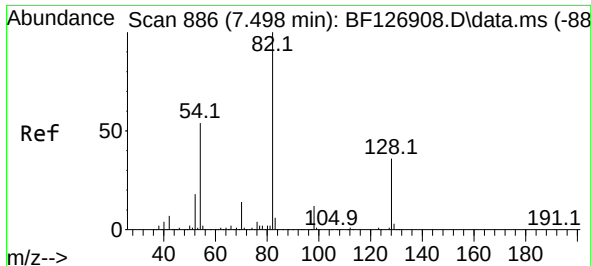


#22
Acetophenone
Concen: 41.432 ng
RT: 7.304 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

Tgt Ion:105 Resp: 411884

Ion	Ratio	Lower	Upper
105	100		
71	8.9	5.4	8.0
51	33.8	27.4	41.0
120	20.4	17.0	25.6





#23

Nitrobenzene-d5

Concen: 78.417 ng

RT: 7.457 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB143032BS

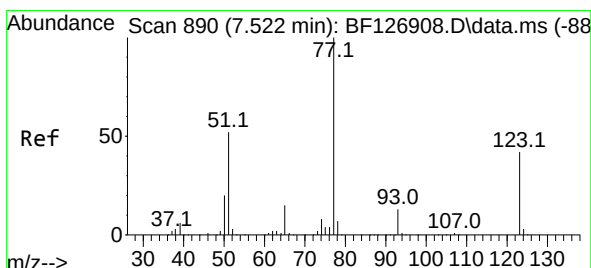
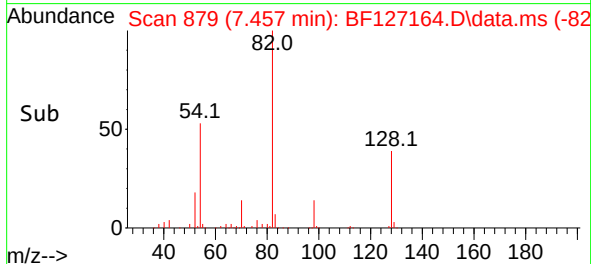
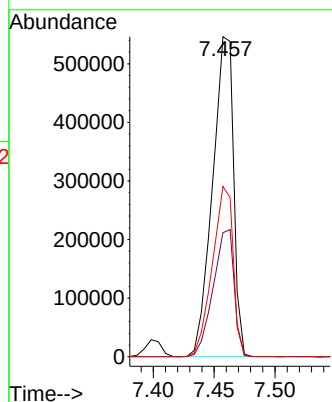
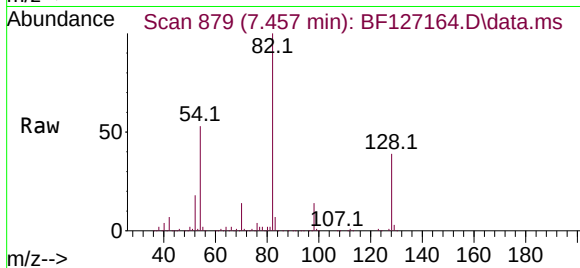
Tgt Ion: 82 Resp: 655949

Ion Ratio Lower Upper

82 100

128 38.8 32.7 49.1

54 53.2 41.7 62.5



#24

Nitrobenzene

Concen: 42.263 ng

RT: 7.481 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

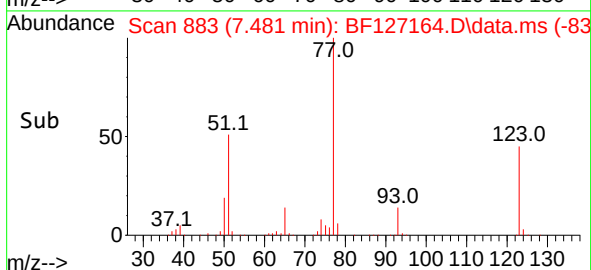
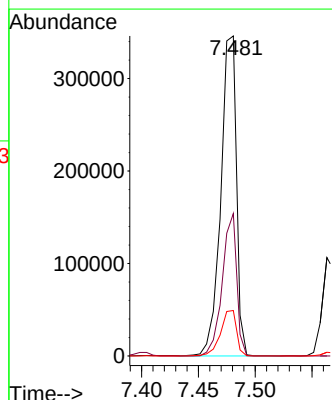
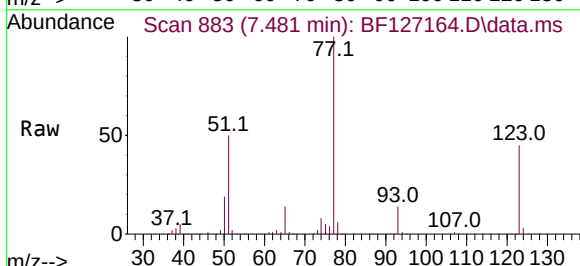
Tgt Ion: 77 Resp: 333971

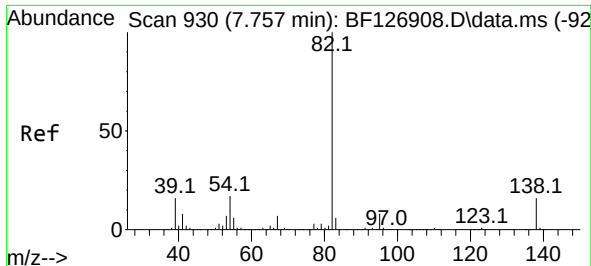
Ion Ratio Lower Upper

77 100

123 44.5 34.6 52.0

65 14.2 10.6 15.8

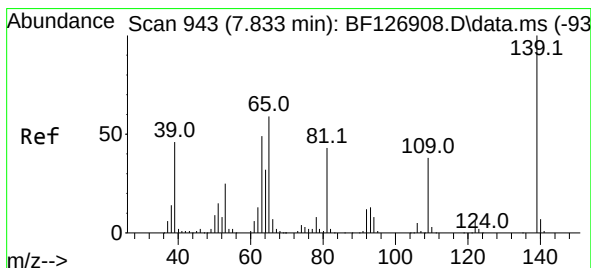
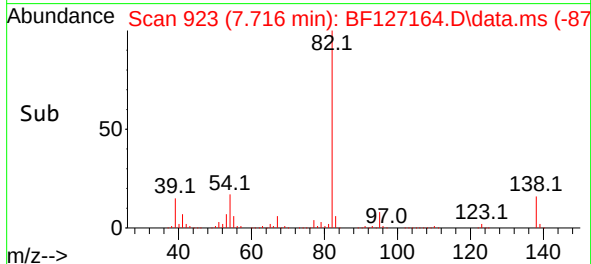
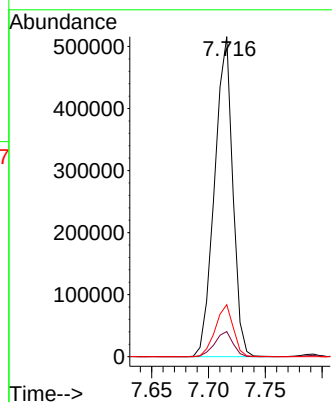
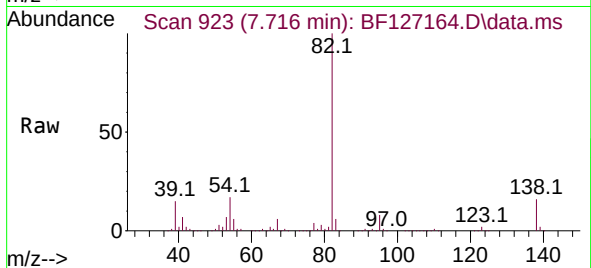




#25
Isophorone
Concen: 41.473 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

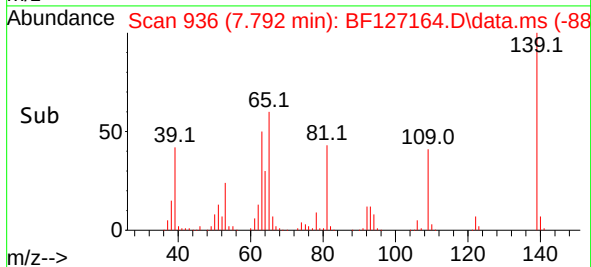
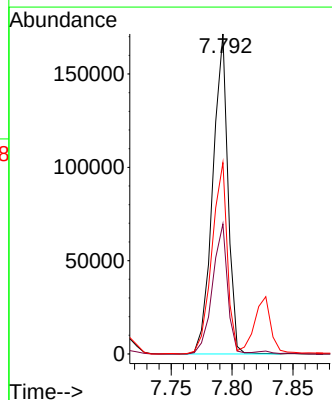
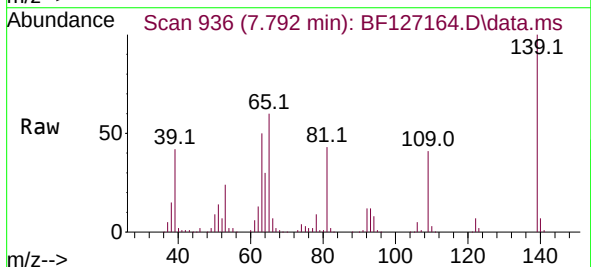
Instrument :
BNA_F
ClientSampleId :
PB143032BS

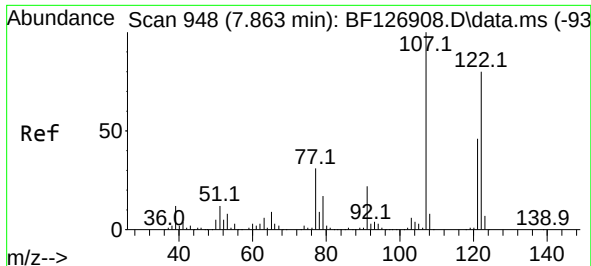
Tgt Ion: 82 Resp: 574062
Ion Ratio Lower Upper
82 100
95 7.9 5.0 7.4#
138 16.3 12.3 18.5



#26
2-Nitrophenol
Concen: 44.344 ng
RT: 7.792 min Scan# 936
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

Tgt Ion: 139 Resp: 149192
Ion Ratio Lower Upper
139 100
109 40.7 20.0 30.0#
65 59.8 40.8 61.2





#27

2,4-Dimethylphenol

Concen: 47.428 ng

RT: 7.828 min Scan# 948

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB143032BS

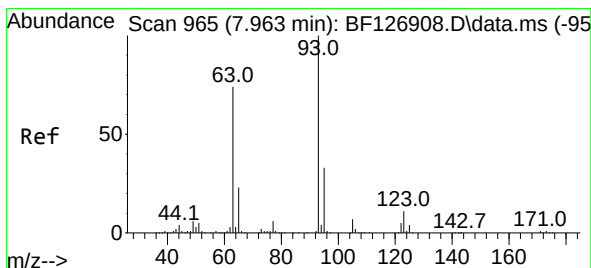
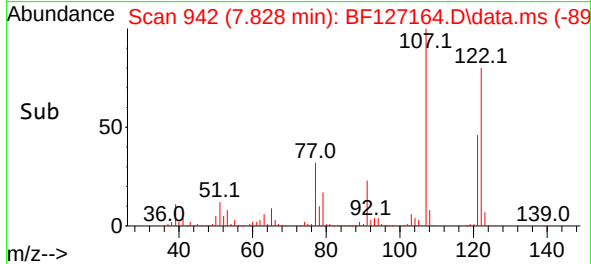
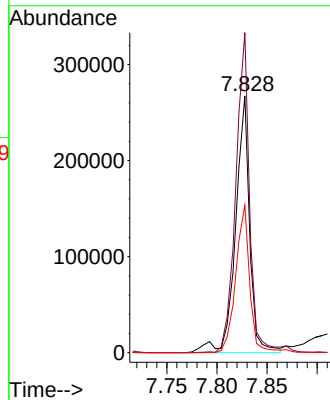
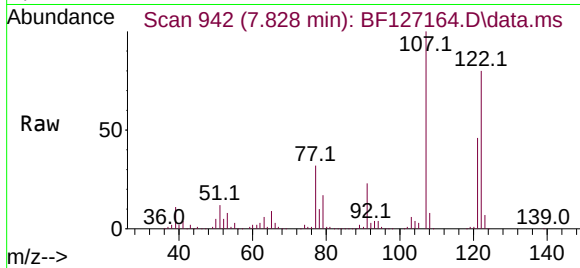
Tgt Ion:122 Resp: 262142

Ion Ratio Lower Upper

122 100

107 124.6 91.2 136.8

121 57.4 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 38.493 ng

RT: 7.922 min Scan# 958

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

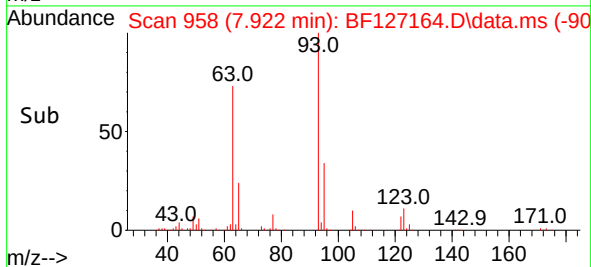
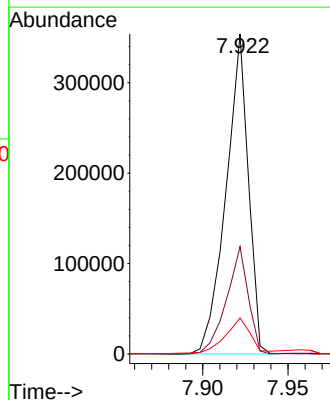
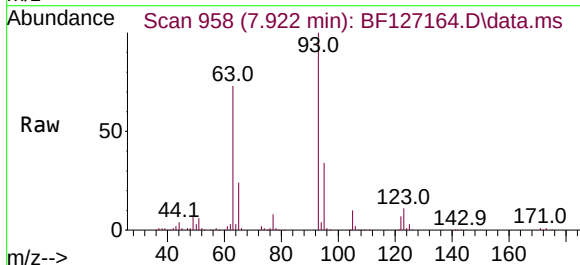
Tgt Ion: 93 Resp: 323018

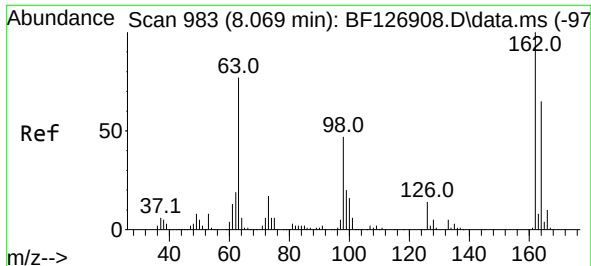
Ion Ratio Lower Upper

93 100

95 33.6 25.4 38.2

123 11.2 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 43.044 ng

RT: 8.034 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB143032BS

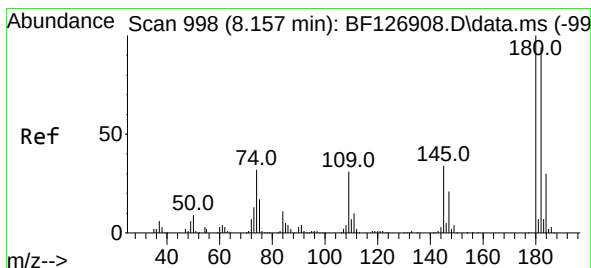
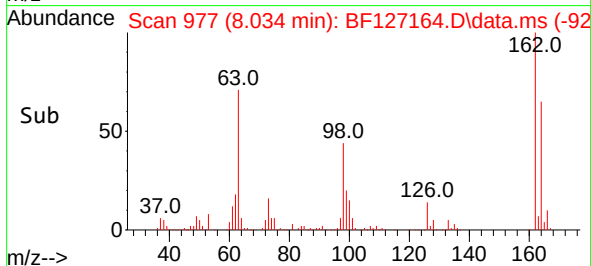
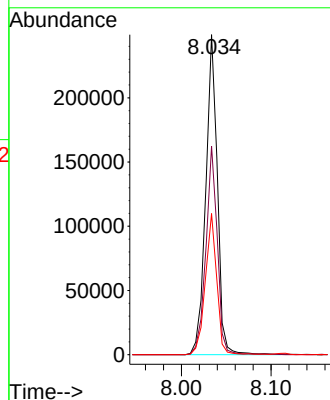
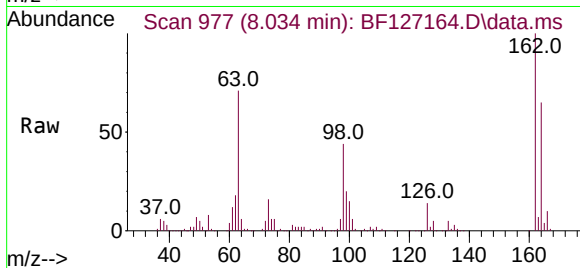
Tgt Ion:162 Resp: 223673

Ion Ratio Lower Upper

162 100

164 65.2 43.8 83.8

98 44.1 23.6 63.6



#30

1,2,4-Trichlorobenzene

Concen: 42.319 ng

RT: 8.116 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

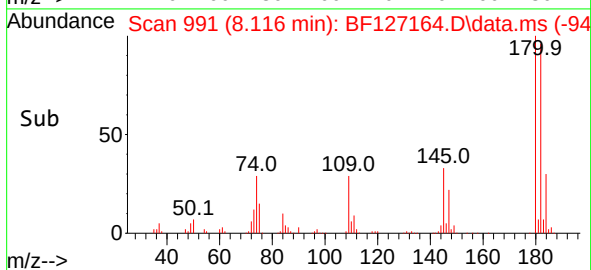
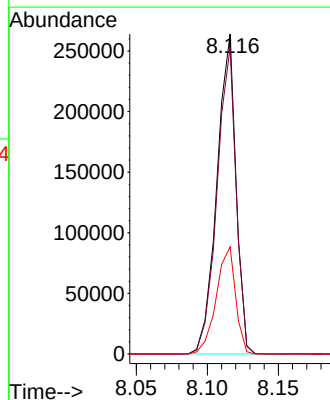
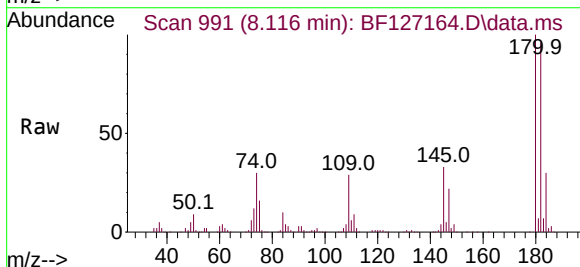
Tgt Ion:180 Resp: 245852

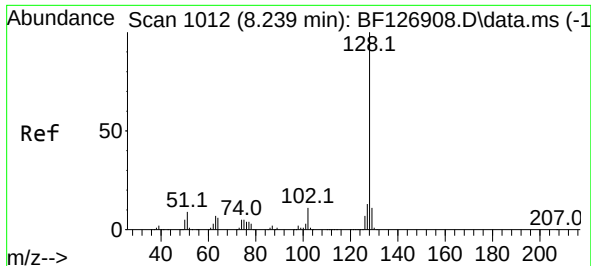
Ion Ratio Lower Upper

180 100

182 95.8 75.5 113.3

145 33.4 26.2 39.2

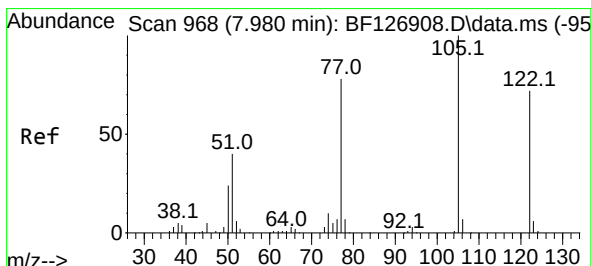
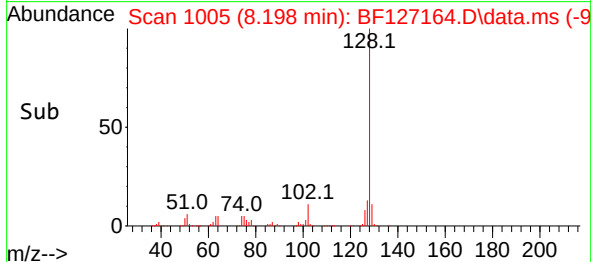
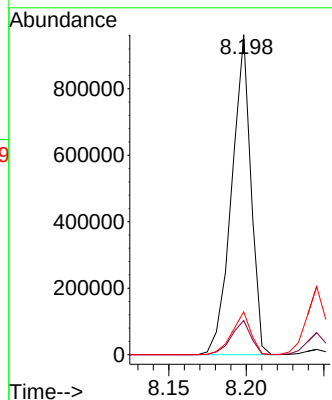
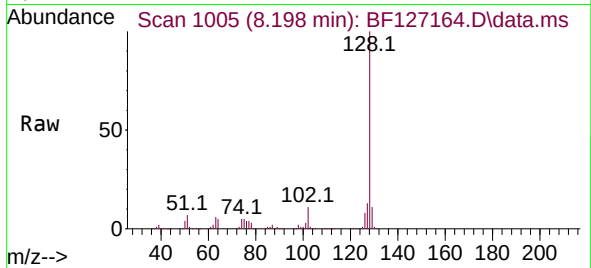




#31
Naphthalene
Concen: 42.060 ng
RT: 8.198 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

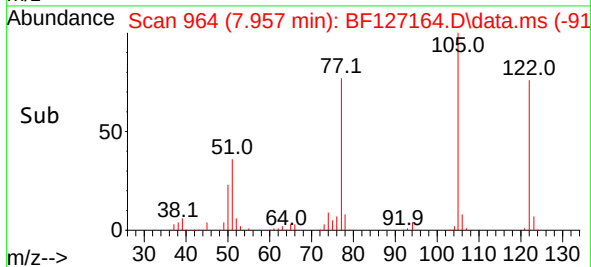
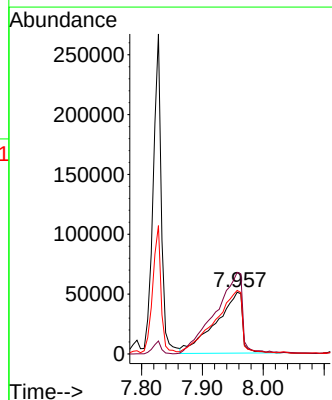
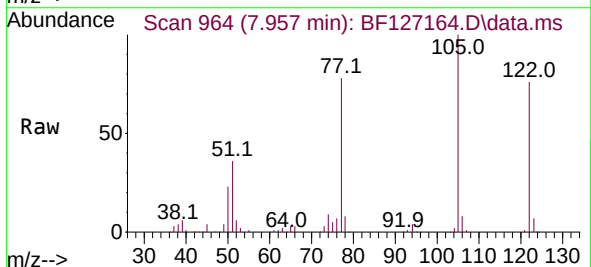
Instrument :
BNA_F
ClientSampleId :
PB143032BS

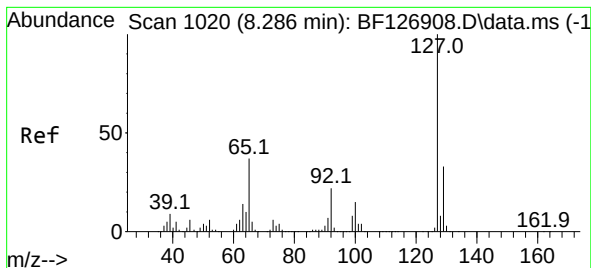
Tgt Ion:128 Resp: 828987
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.4 10.3 15.5



#32
Benzoic acid
Concen: 40.029 ng
RT: 7.957 min Scan# 964
Delta R.T. 0.006 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

Tgt Ion:122 Resp: 156906
Ion Ratio Lower Upper
122 100
105 132.0 101.0 141.0
77 102.8 74.5 114.5





#33

4-Chloroaniline

Concen: 24.469 ng

RT: 8.245 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB143032BS

Tgt Ion:127 Resp: 189824

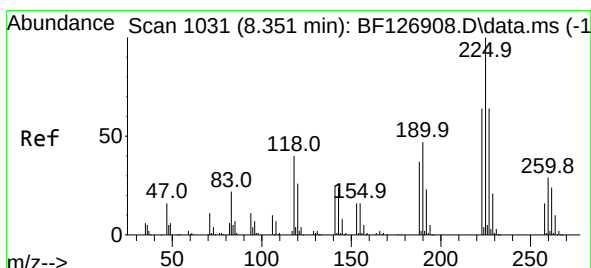
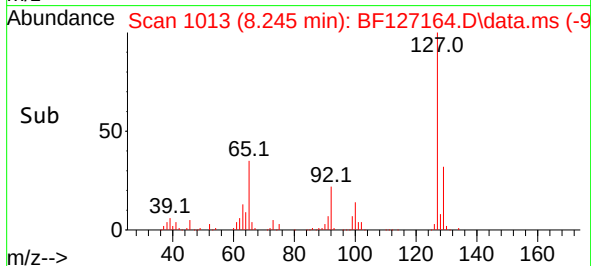
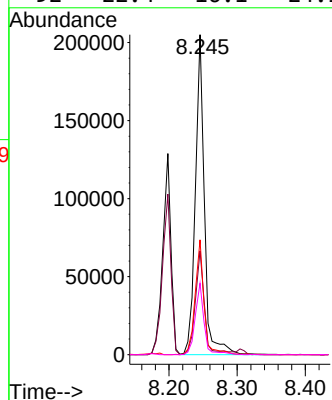
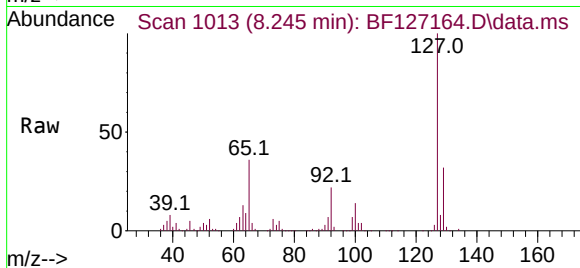
Ion Ratio Lower Upper

127 100

129 32.5 26.5 39.7

65 35.9 26.6 39.8

92 22.4 16.1 24.1



#34

Hexachlorobutadiene

Concen: 42.763 ng

RT: 8.304 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

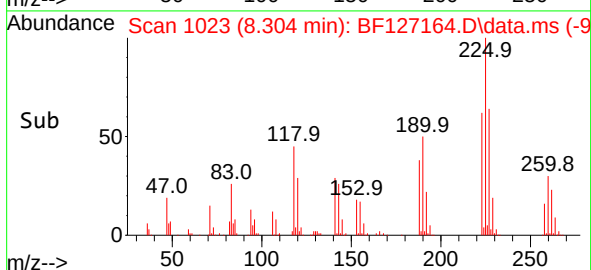
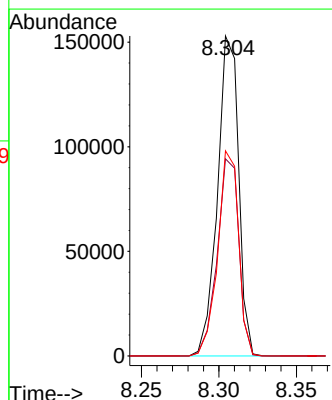
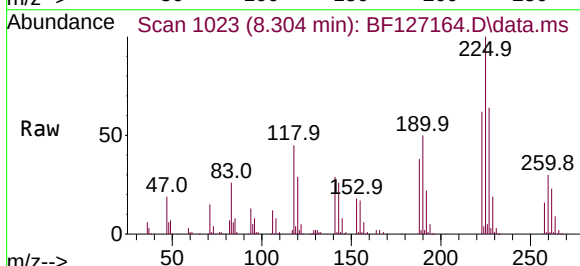
Tgt Ion:225 Resp: 145038

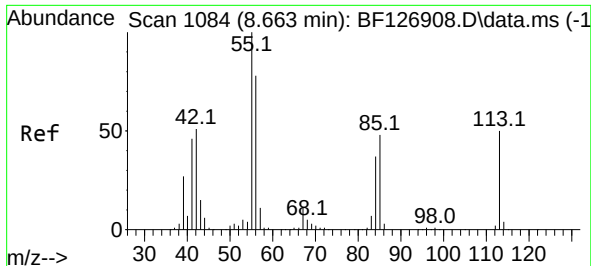
Ion Ratio Lower Upper

225 100

223 61.6 48.6 73.0

227 64.1 51.4 77.0





#35

Caprolactam

Concen: 25.437 ng

RT: 8.628 min Scan# 1096

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB143032BS

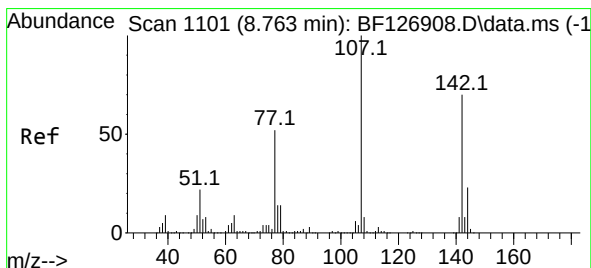
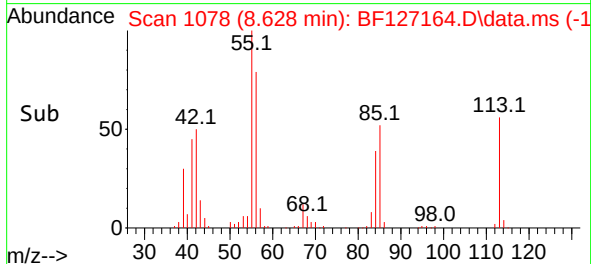
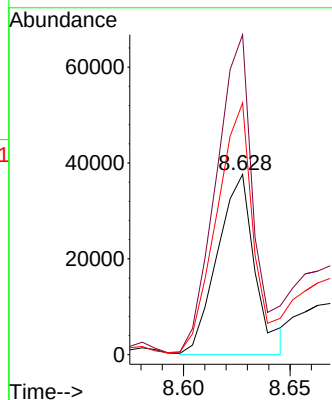
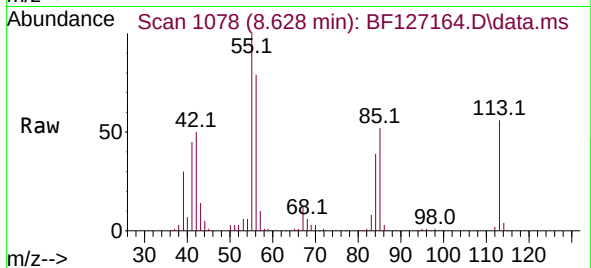
Tgt Ion:113 Resp: 46159

Ion Ratio Lower Upper

113 100

55 177.5 183.9 223.9#

56 139.7 129.9 169.9



#36

4-Chloro-3-methylphenol

Concen: 43.696 ng

RT: 8.734 min Scan# 1096

Delta R.T. 0.006 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

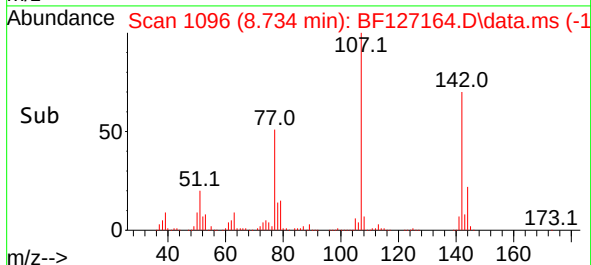
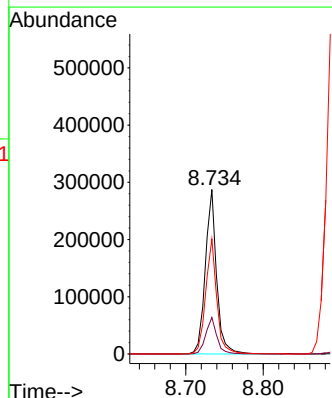
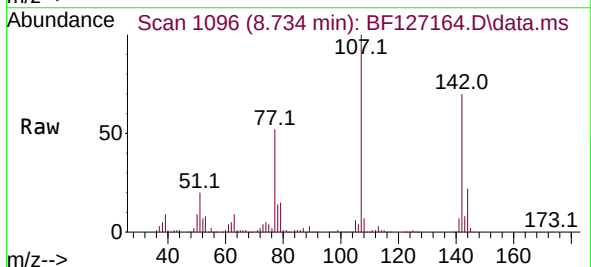
Tgt Ion:107 Resp: 290190

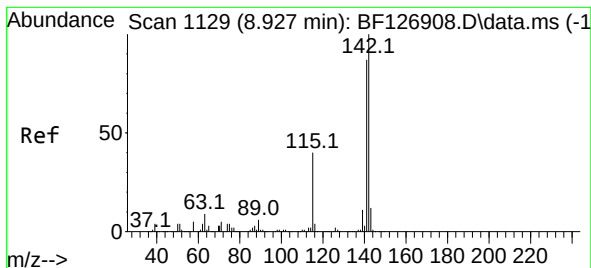
Ion Ratio Lower Upper

107 100

144 22.1 18.5 27.7

142 70.0 58.1 87.1





#37

2-Methylnaphthalene

Concen: 43.351 ng

RT: 8.886 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

Instrument :

BNA_F

ClientSampleId :

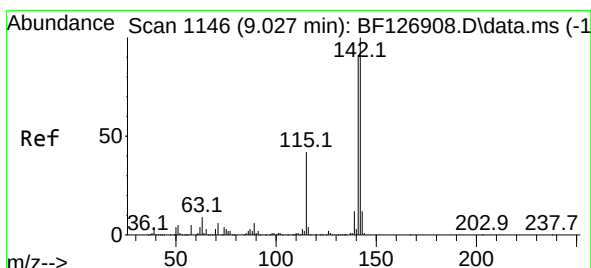
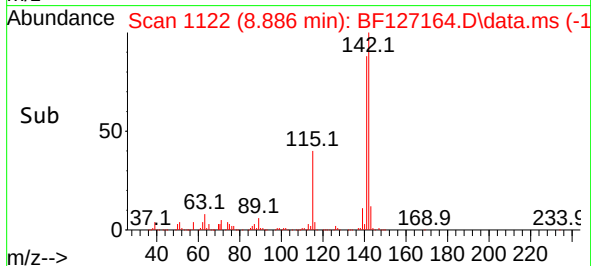
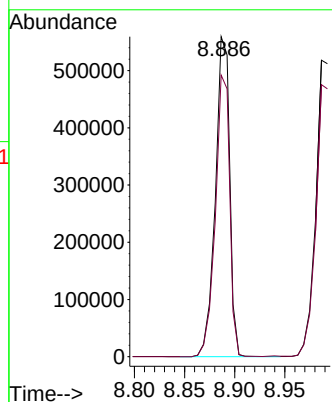
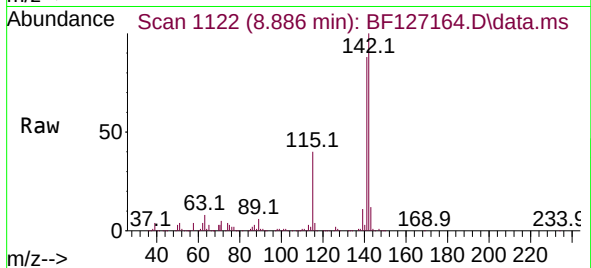
PB143032BS

Tgt Ion:142 Resp: 554431

Ion Ratio Lower Upper

142 100

141 88.0 68.6 102.8



#38

1-Methylnaphthalene

Concen: 42.118 ng

RT: 8.986 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF127164.D

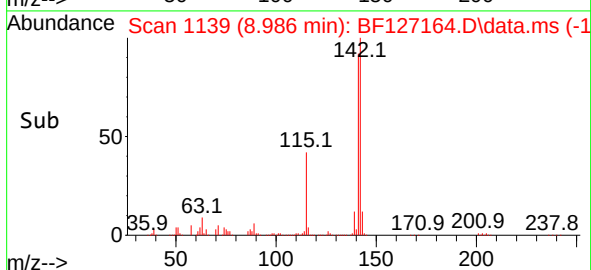
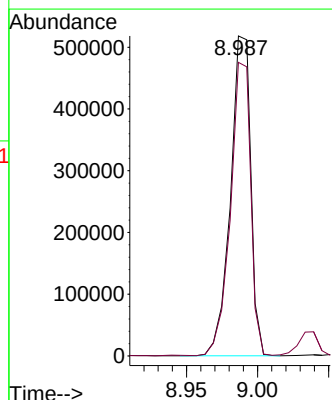
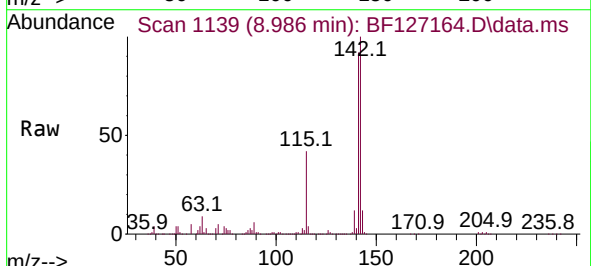
Acq: 03 Mar 2022 11:43

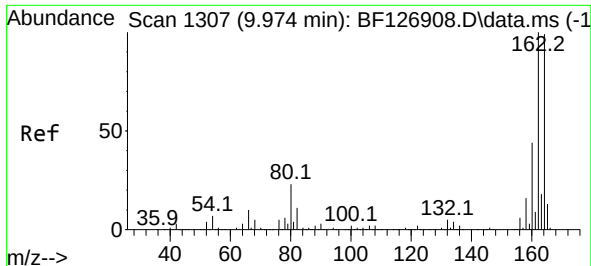
Tgt Ion:142 Resp: 515818

Ion Ratio Lower Upper

142 100

141 91.7 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB143032BS

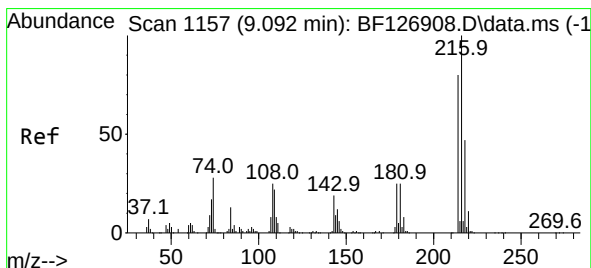
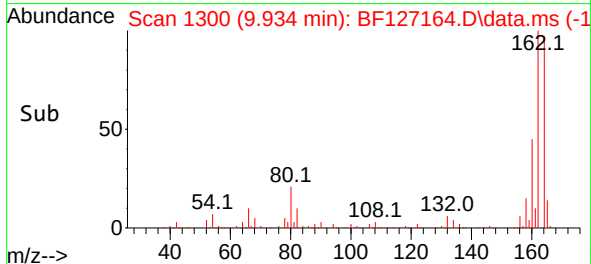
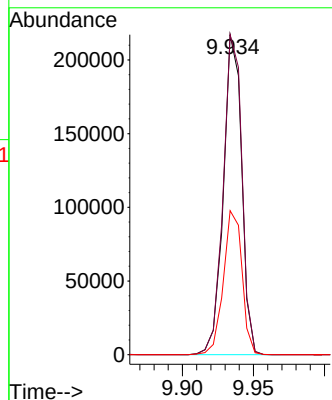
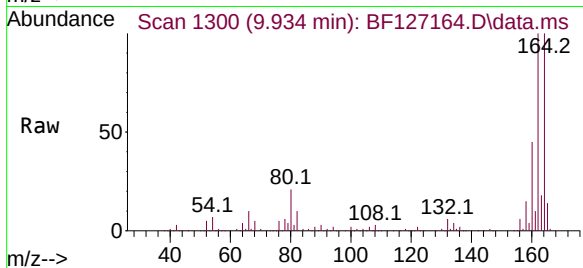
Tgt Ion:164 Resp: 194111

Ion Ratio Lower Upper

164 100

162 100.0 81.4 122.0

160 45.0 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.395 ng

RT: 9.057 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

Tgt Ion:216 Resp: 231956

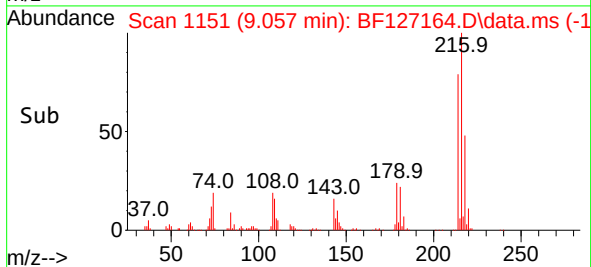
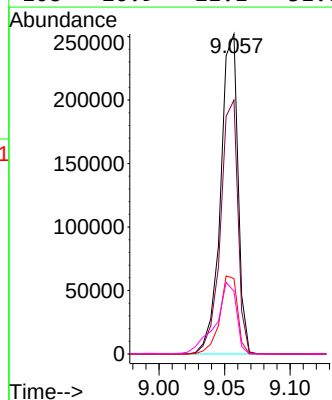
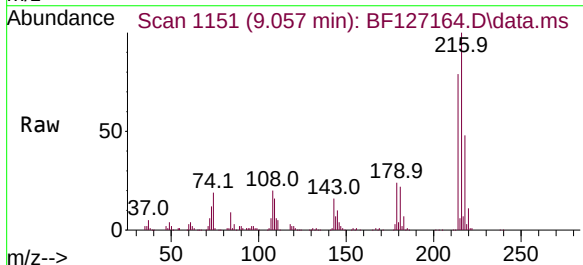
Ion Ratio Lower Upper

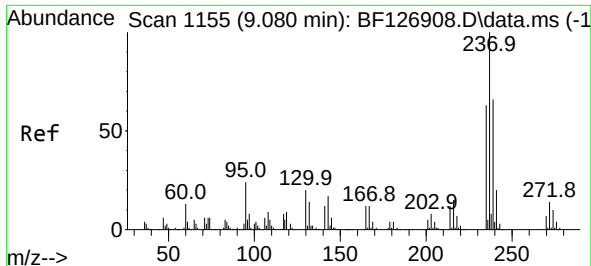
216 100

214 79.1 64.6 96.8

179 24.8 19.5 29.3

108 26.9 21.1 31.7

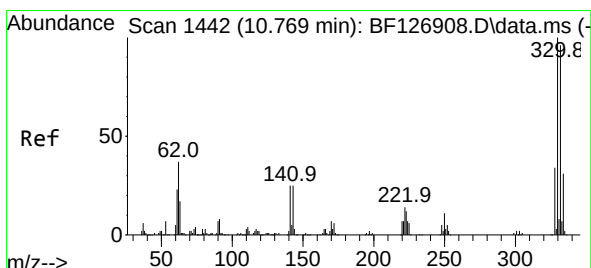
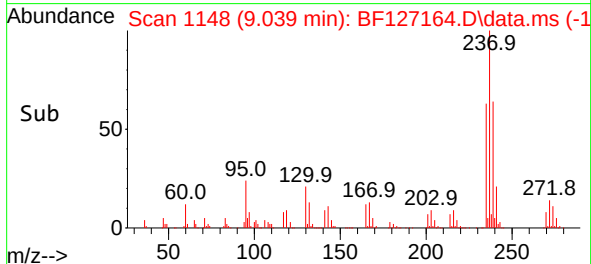
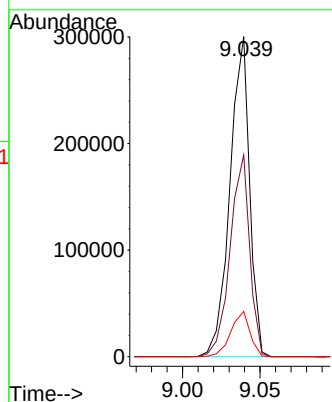
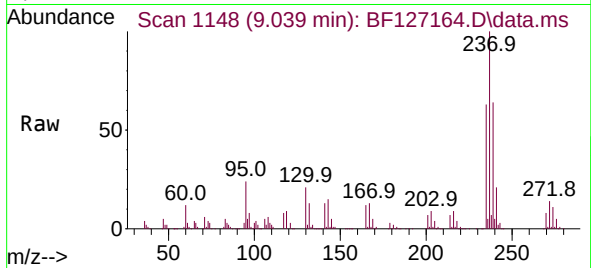




#41
Hexachlorocyclopentadiene
Concen: 95.572 ng
RT: 9.039 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

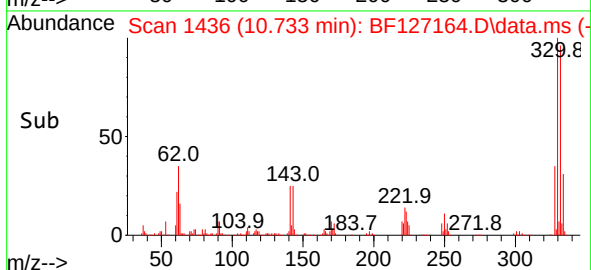
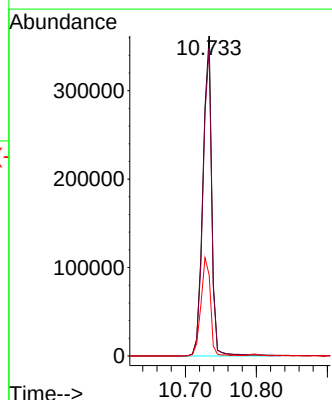
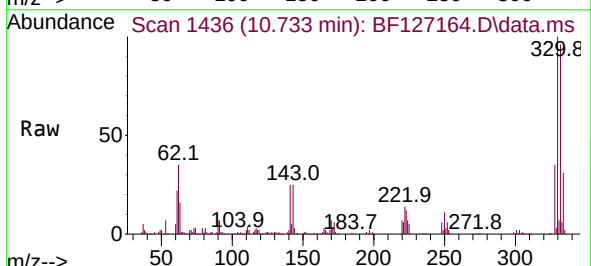
Instrument :
BNA_F
ClientSampleId :
PB143032BS

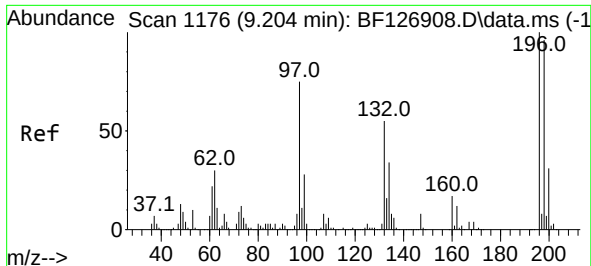
Tgt Ion:237 Resp: 264859
Ion Ratio Lower Upper
237 100
235 63.1 38.9 78.9
272 14.2 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 139.744 ng
RT: 10.733 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

Tgt Ion:330 Resp: 312317
Ion Ratio Lower Upper
330 100
332 95.6 76.0 114.0
141 33.2 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 42.062 ng

RT: 9.169 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB143032BS

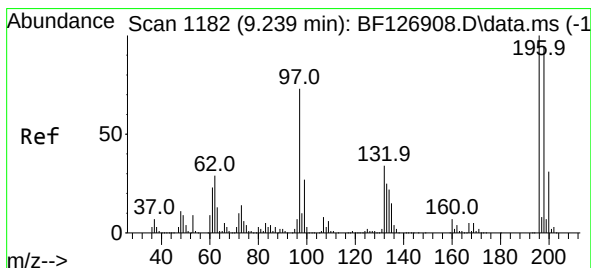
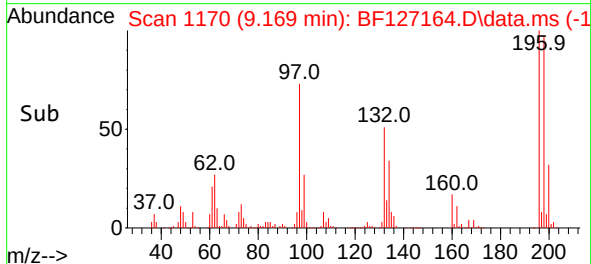
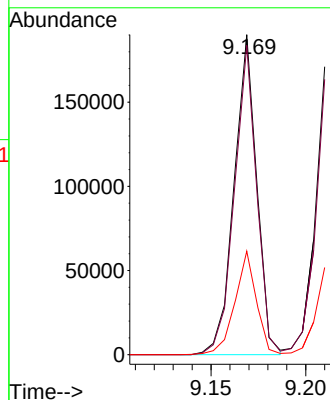
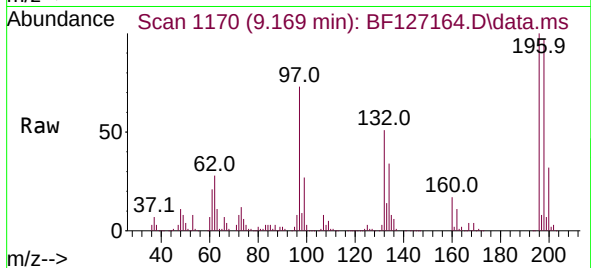
Tgt Ion:196 Resp: 157635

Ion Ratio Lower Upper

196 100

198 96.6 78.5 117.7

200 32.4 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 44.131 ng

RT: 9.210 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

Tgt Ion:196 Resp: 174036

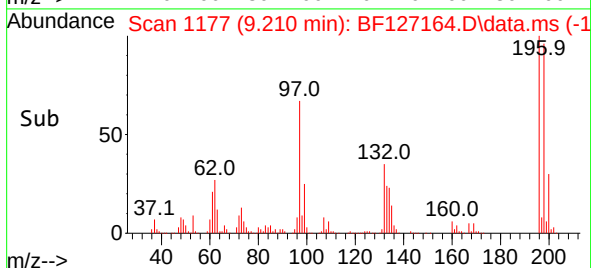
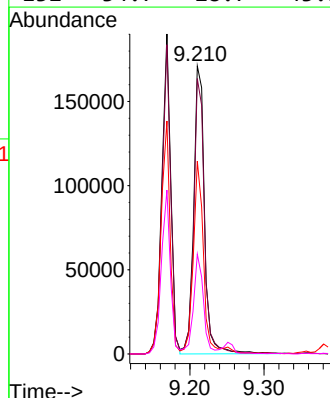
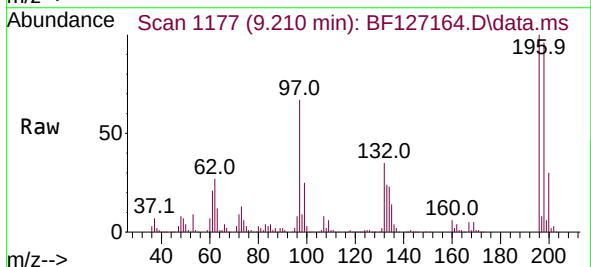
Ion Ratio Lower Upper

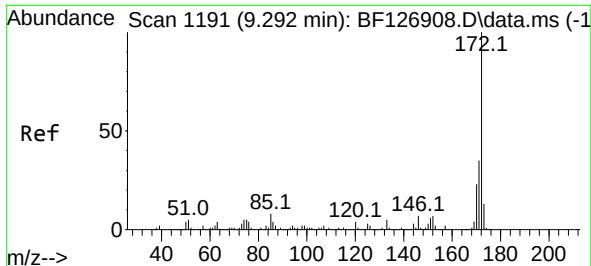
196 100

198 95.6 82.0 123.0

97 66.9 53.5 80.3

132 34.7 28.7 43.1





#45

2-Fluorobiphenyl

Concen: 83.866 ng

RT: 9.251 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB143032BS

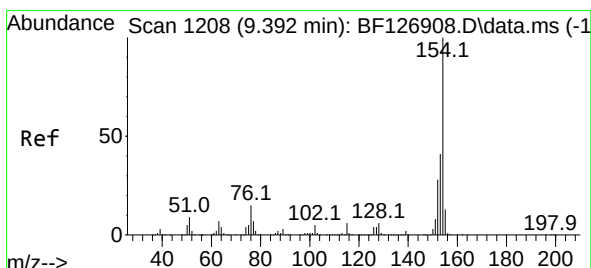
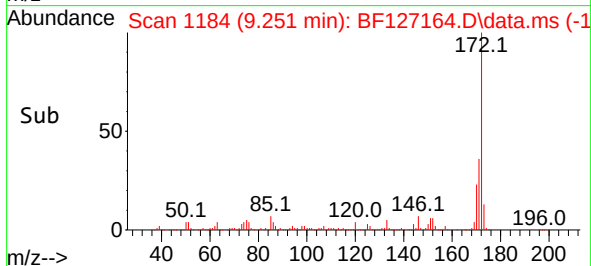
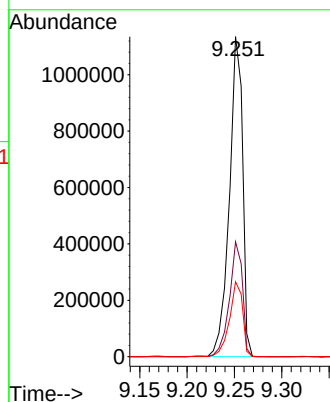
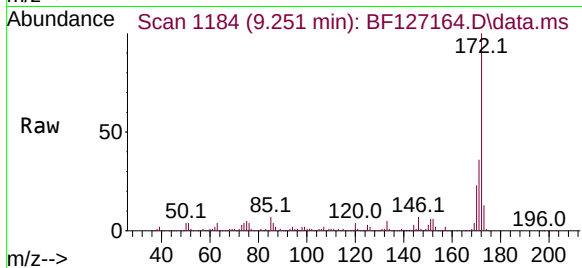
Tgt Ion:172 Resp: 1105817

Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 43.079 ng

RT: 9.357 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

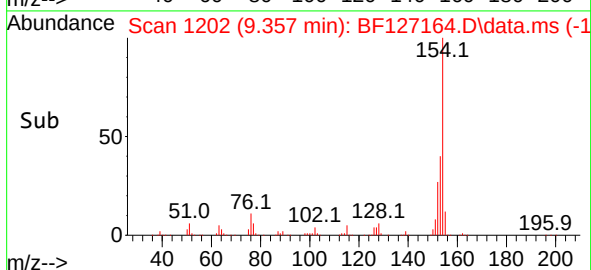
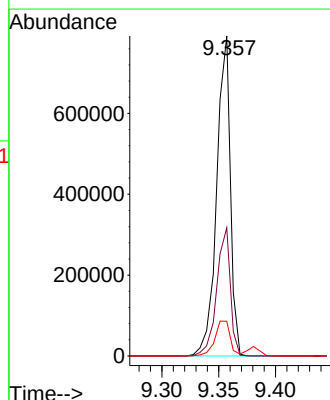
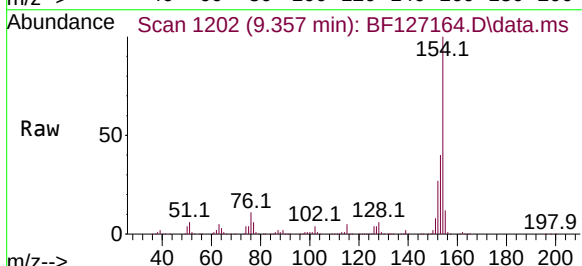
Tgt Ion:154 Resp: 662517

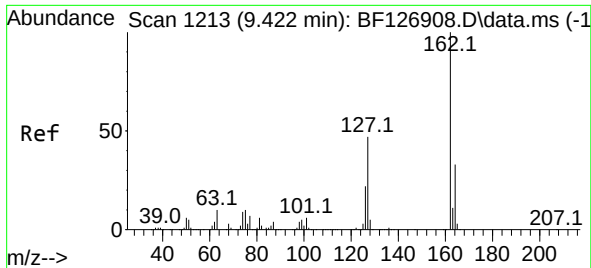
Ion Ratio Lower Upper

154 100

153 40.1 19.0 59.0

76 10.9 0.0 34.5

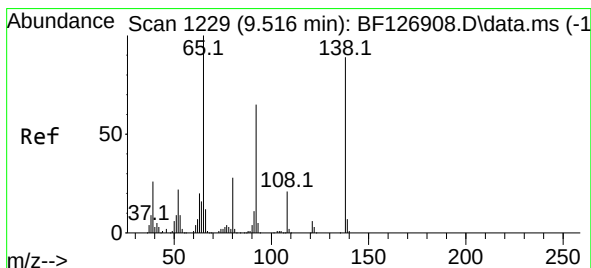
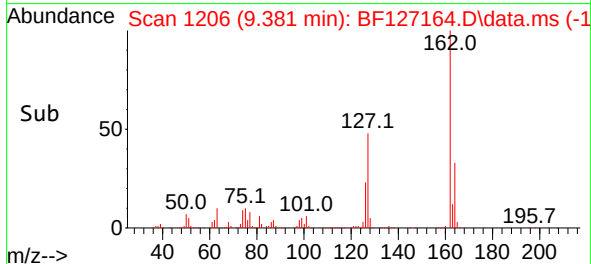
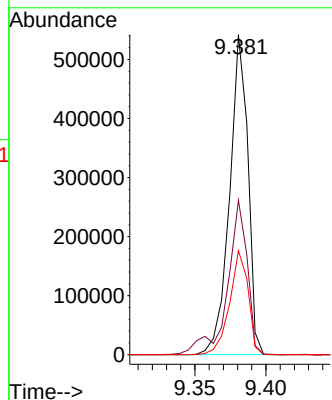
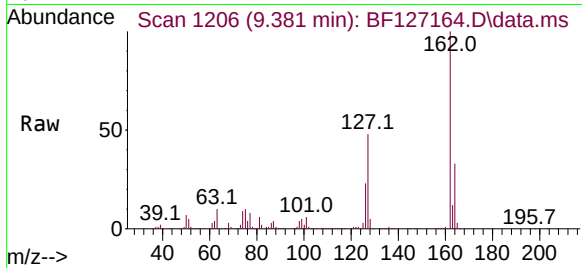




#47
2-Chloronaphthalene
Concen: 42.595 ng
RT: 9.381 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

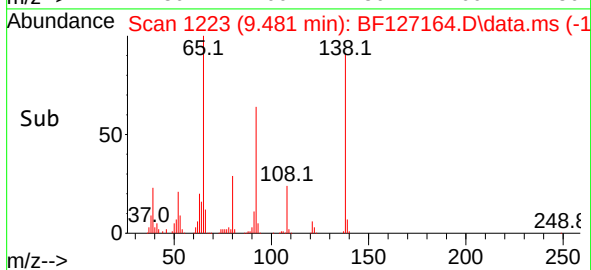
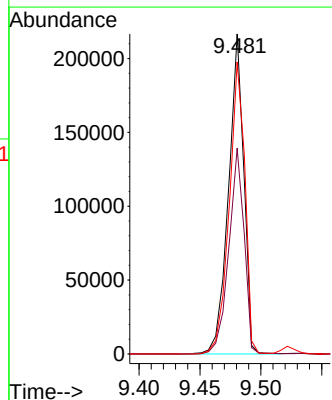
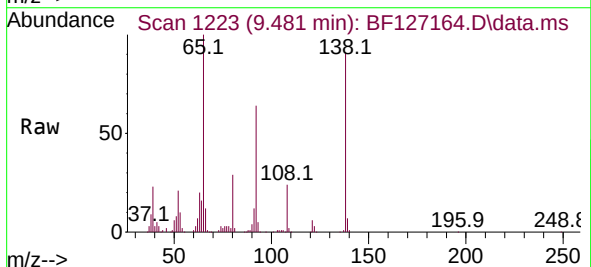
Instrument :
BNA_F
ClientSampleId :
PB143032BS

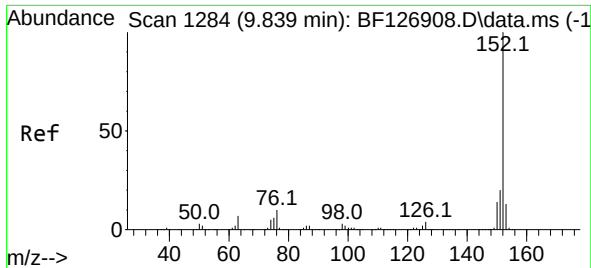
Tgt Ion:162 Resp: 485774
Ion Ratio Lower Upper
162 100
127 48.2 33.5 50.3
164 32.5 26.2 39.4



#48
2-Nitroaniline
Concen: 42.086 ng
RT: 9.481 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

Tgt Ion: 65 Resp: 189403
Ion Ratio Lower Upper
65 100
92 64.3 54.4 81.6
138 91.3 72.5 108.7

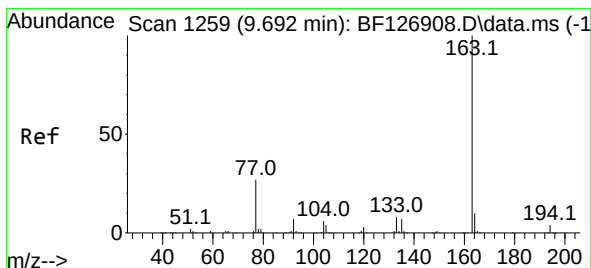
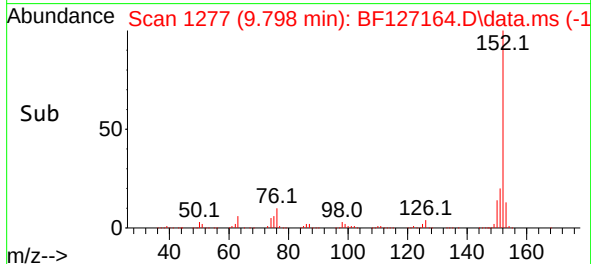
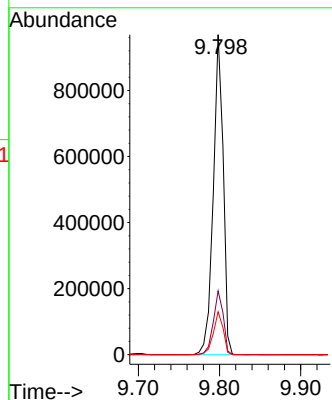
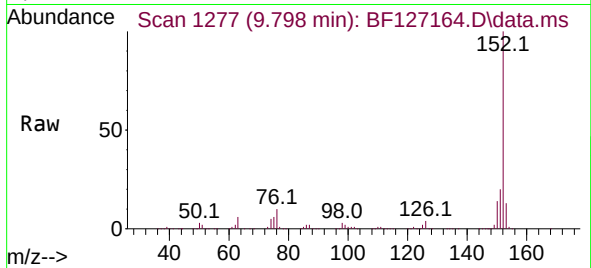




#49
Acenaphthylene
Concen: 44.195 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

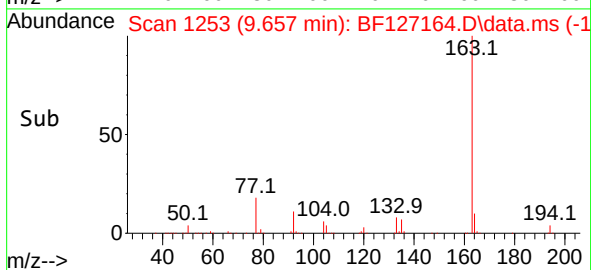
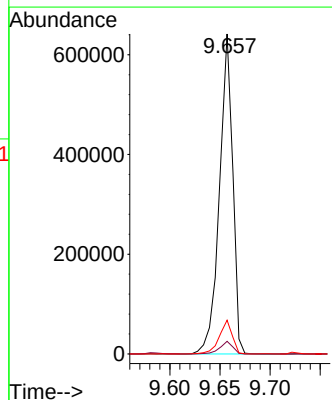
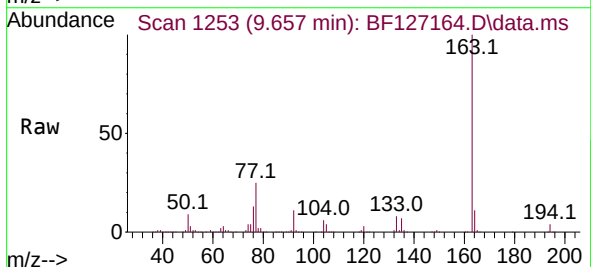
Instrument :
BNA_F
ClientSampleId :
PB143032BS

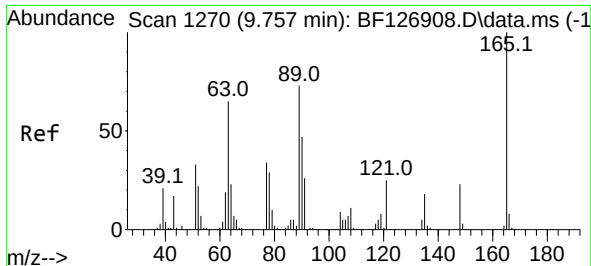
Tgt Ion:152 Resp: 818724
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.4 11.4 17.0



#50
Dimethylphthalate
Concen: 42.525 ng
RT: 9.657 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

Tgt Ion:163 Resp: 590024
Ion Ratio Lower Upper
163 100
194 4.0 2.6 3.8#
164 10.6 7.8 11.8

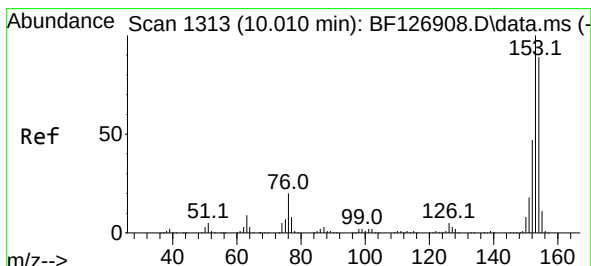
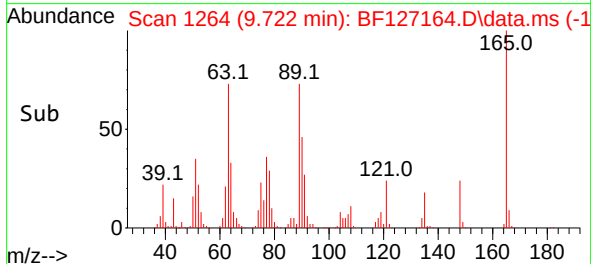
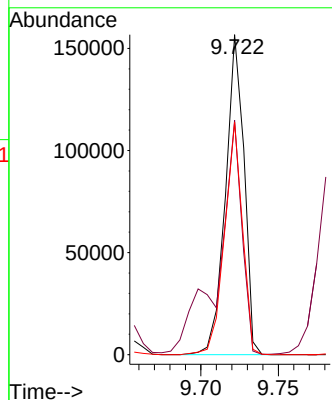
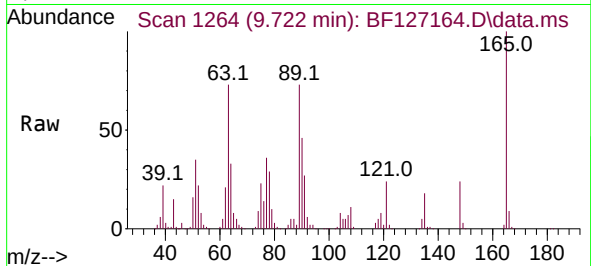




#51
2,6-Dinitrotoluene
Concen: 46.124 ng
RT: 9.722 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

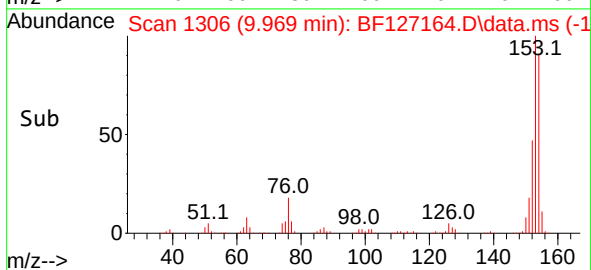
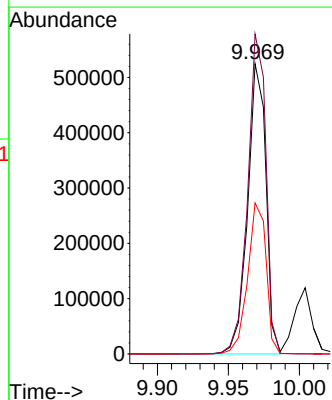
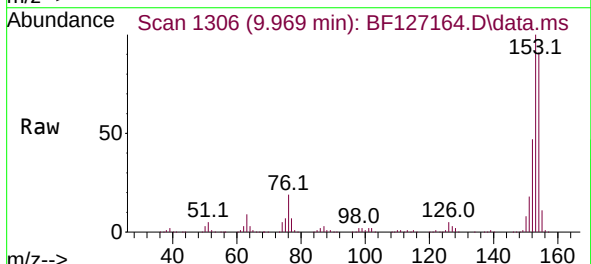
Instrument :
BNA_F
ClientSampleId :
PB143032BS

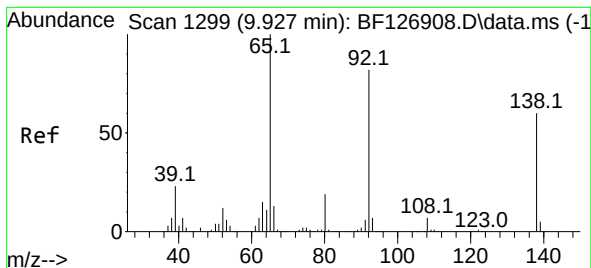
Tgt Ion:165 Resp: 130203
Ion Ratio Lower Upper
165 100
63 73.3 48.4 72.6#
89 72.7 50.5 75.7



#52
Acenaphthene
Concen: 39.020 ng
RT: 9.969 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

Tgt Ion:154 Resp: 470108
Ion Ratio Lower Upper
154 100
153 110.3 87.8 131.6
152 52.0 39.4 59.2

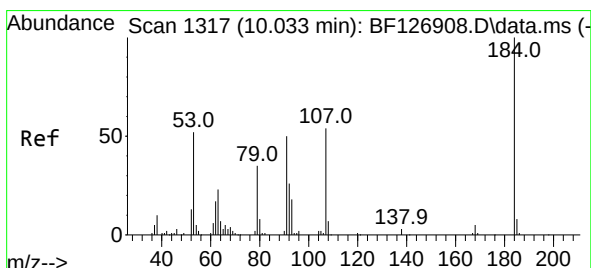
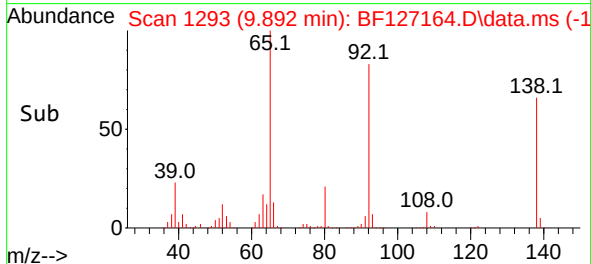
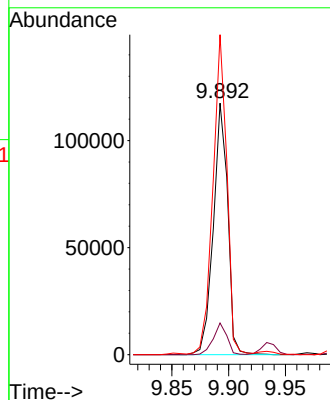
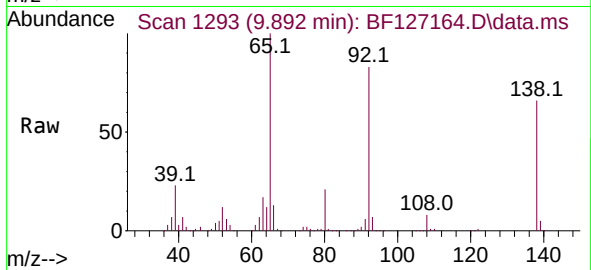




#53
3-Nitroaniline
Concen: 29.816 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

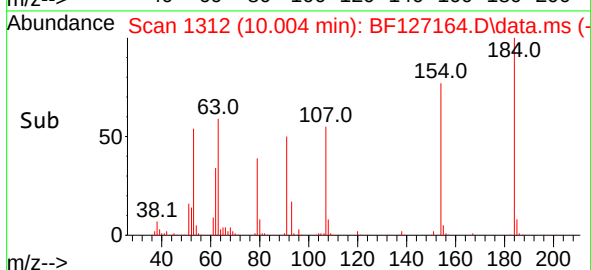
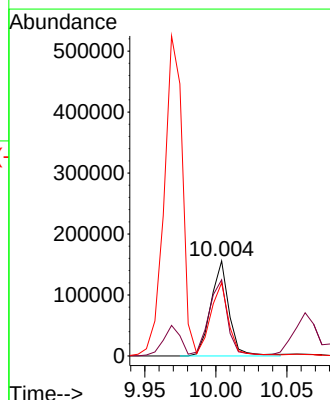
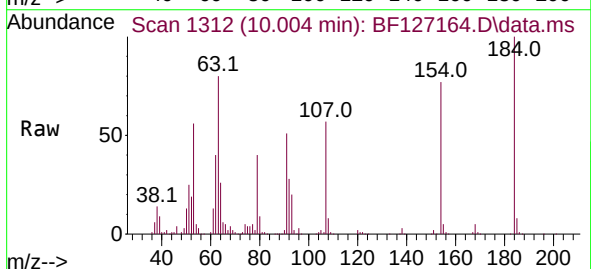
Instrument :
BNA_F
ClientSampleId :
PB143032BS

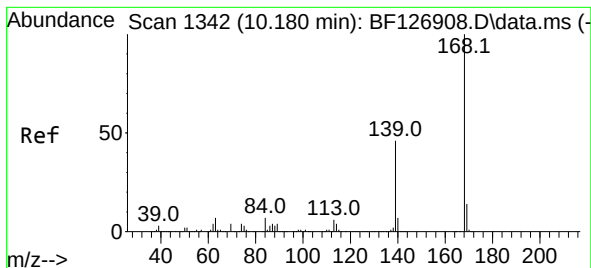
Tgt Ion:138 Resp: 102883
Ion Ratio Lower Upper
138 100
108 12.6 8.6 13.0
92 127.2 105.0 157.6



#54
2,4-Dinitrophenol
Concen: 92.997 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.006 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

Tgt Ion:184 Resp: 138950
Ion Ratio Lower Upper
184 100
63 80.2 70.4 105.6
154 76.9 49.7 74.5#





#55

Dibenzofuran

Concen: 41.807 ng

RT: 10.145 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB143032BS

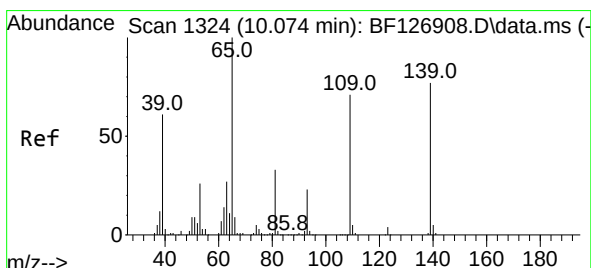
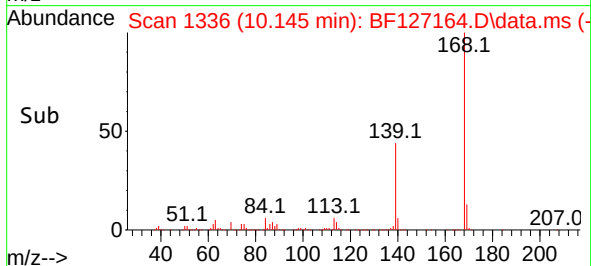
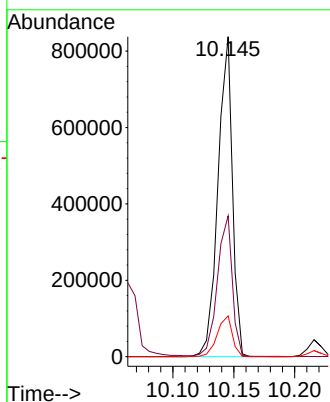
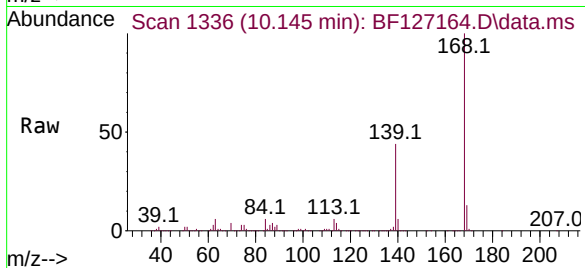
Tgt Ion:168 Resp: 692604

Ion Ratio Lower Upper

168 100

139 44.0 30.6 46.0

169 12.8 10.0 15.0



#56

4-Nitrophenol

Concen: 84.007 ng

RT: 10.063 min Scan# 1322

Delta R.T. 0.012 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

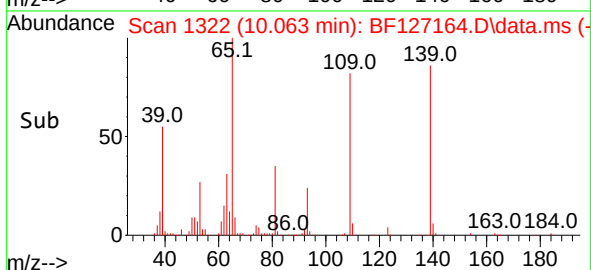
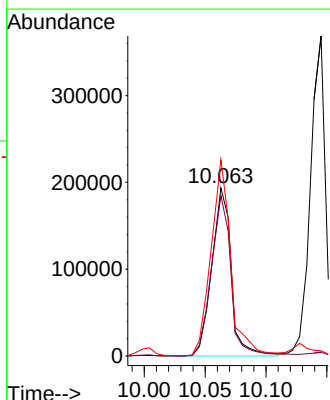
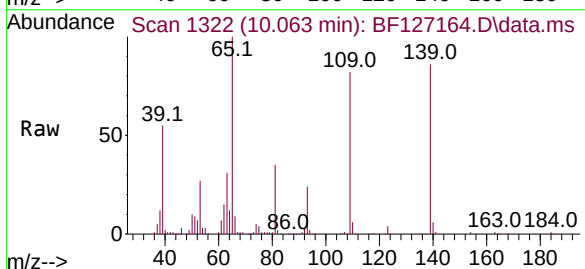
Tgt Ion:139 Resp: 214097

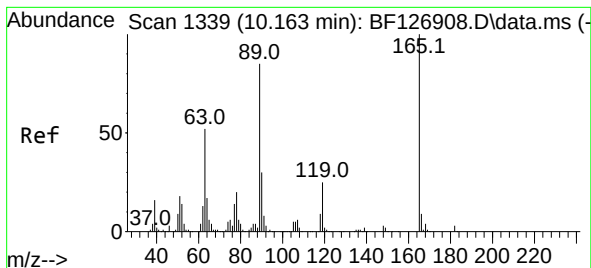
Ion Ratio Lower Upper

139 100

109 95.5 44.1 84.1#

65 116.9 85.5 125.5

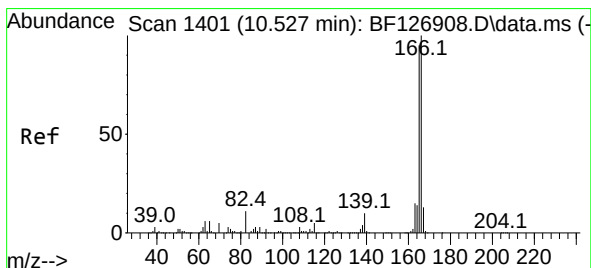
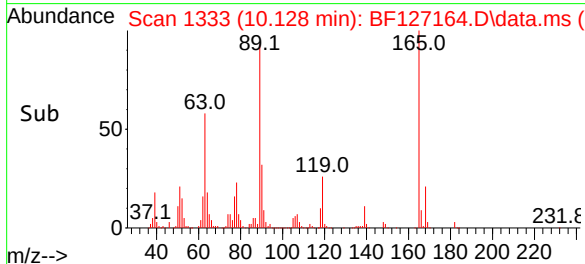
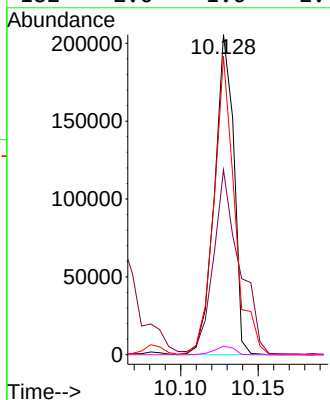
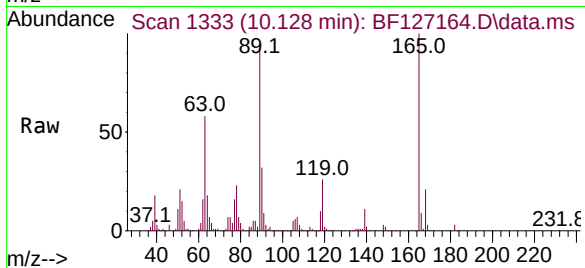




#57
2,4-Dinitrotoluene
Concen: 46.634 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

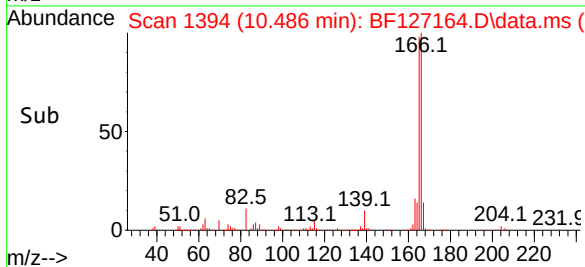
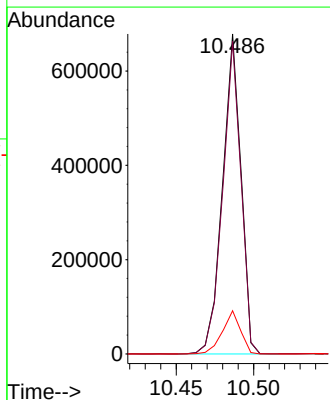
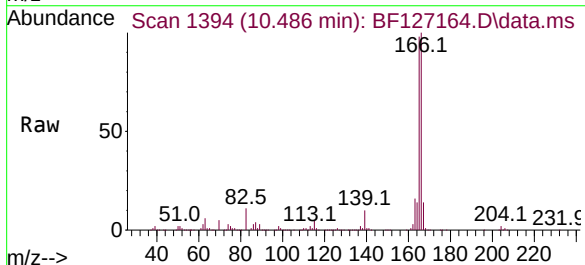
Instrument :
BNA_F
ClientSampleId :
PB143032BS

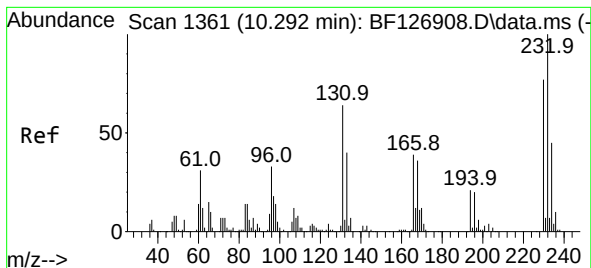
Tgt Ion:165 Resp: 177993
Ion Ratio Lower Upper
165 100
63 57.8 43.0 64.6
89 93.2 71.0 106.4
182 2.6 1.6 2.4#



#58
Fluorene
Concen: 43.482 ng
RT: 10.486 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

Tgt Ion:166 Resp: 561102
Ion Ratio Lower Upper
166 100
165 97.6 77.7 116.5
167 13.5 10.7 16.1

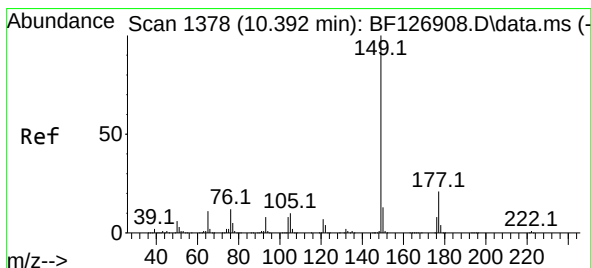
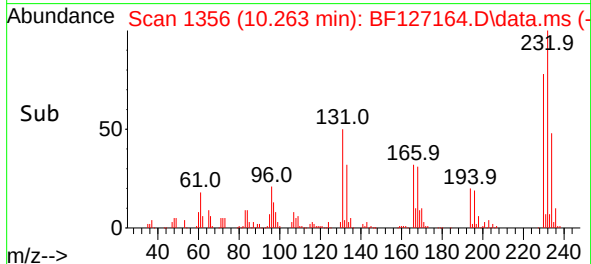
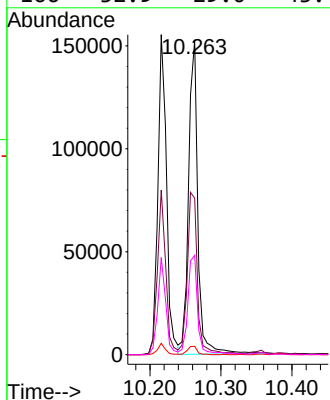
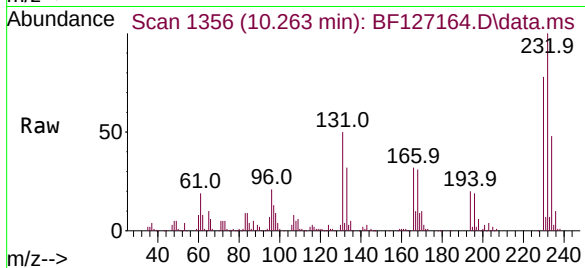




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.465 ng
RT: 10.263 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

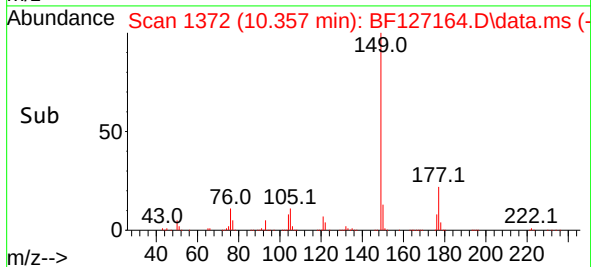
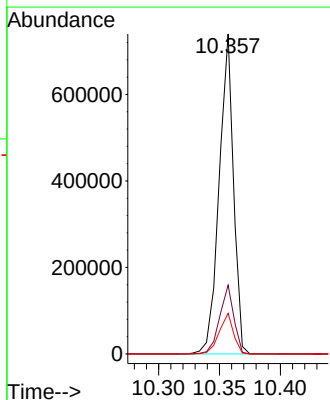
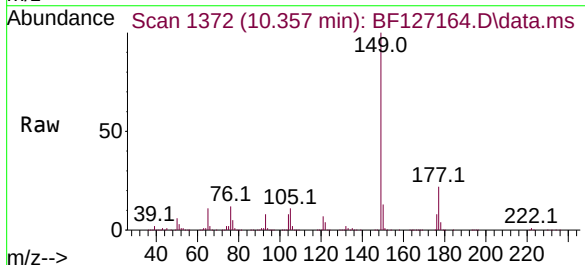
Instrument :
BNA_F
ClientSampleId :
PB143032BS

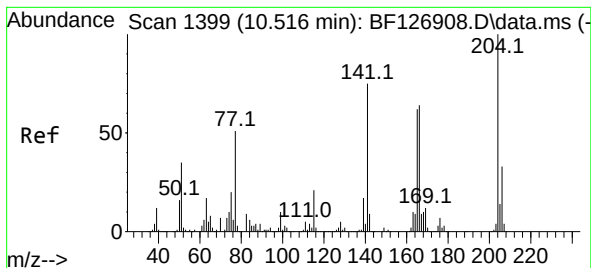
Tgt Ion:232 Resp: 139021
Ion Ratio Lower Upper
232 100
131 55.4 50.0 75.0
130 2.9 2.2 3.2
166 32.9 29.0 43.4



#60
Diethylphthalate
Concen: 41.986 ng
RT: 10.357 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

Tgt Ion:149 Resp: 608707
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 12.7 9.8 14.8

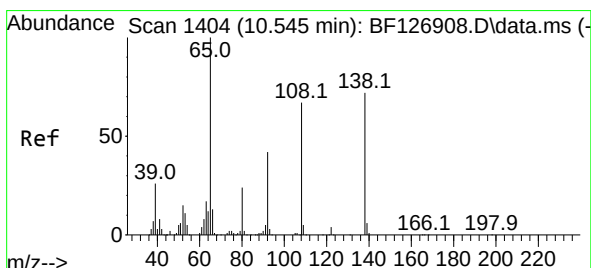
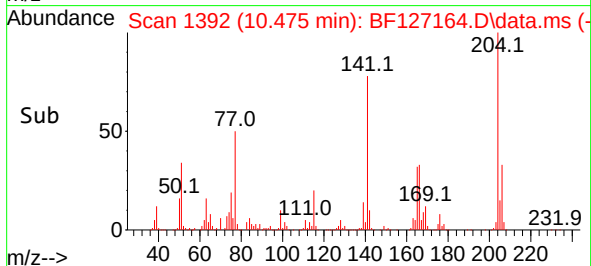
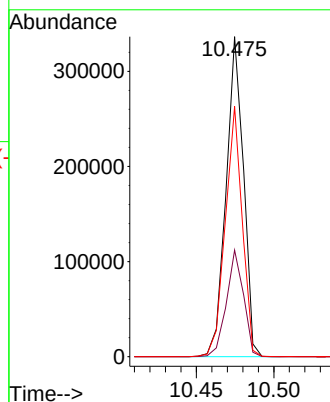
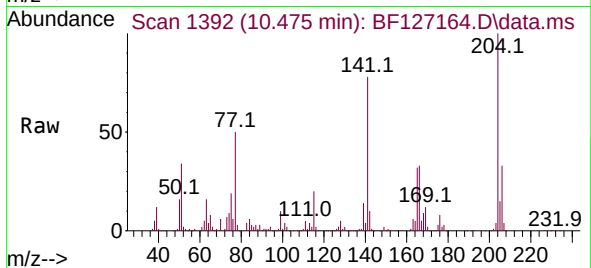




#61
4-Chlorophenyl-phenylether
Concen: 43.079 ng
RT: 10.475 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

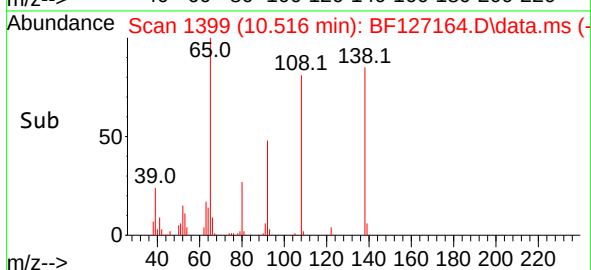
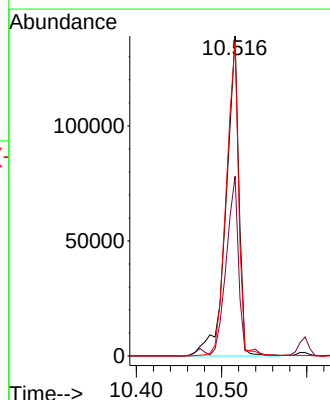
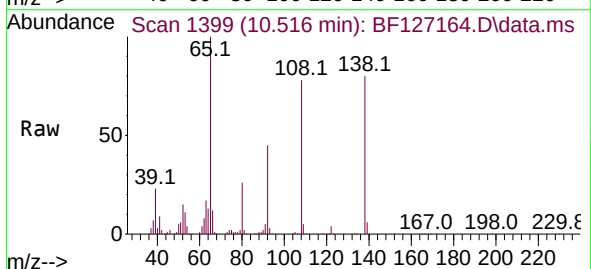
Instrument :
BNA_F
ClientSampleId :
PB143032BS

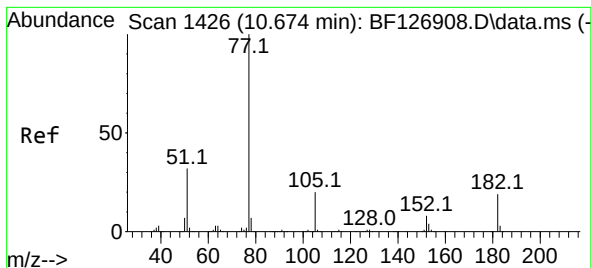
Tgt Ion:204 Resp: 262130
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 78.2 59.0 88.6



#62
4-Nitroaniline
Concen: 42.672 ng
RT: 10.516 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

Tgt Ion:138 Resp: 145404
Ion Ratio Lower Upper
138 100
92 56.1 36.2 76.2
108 98.3 46.7 86.7#





#63

Azobenzene

Concen: 38.521 ng

RT: 10.639 min Scan# 1420

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB143032BS

Tgt Ion: 77 Resp: 621878

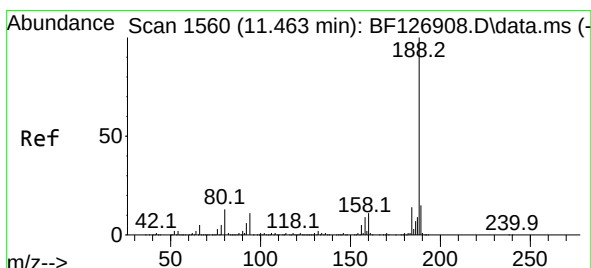
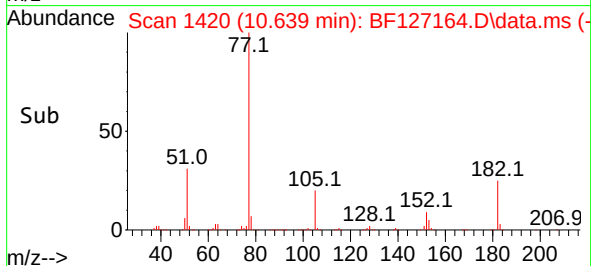
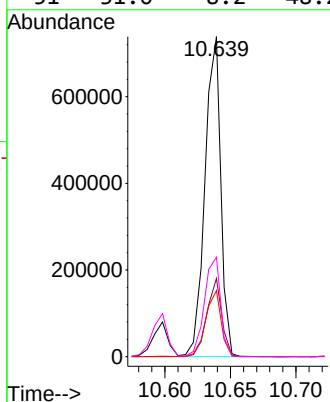
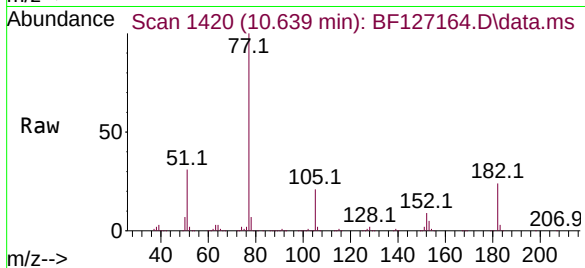
Ion Ratio Lower Upper

77 100

182 24.5 0.0 39.0

105 20.7 3.2 43.2

51 31.0 8.2 48.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1554

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

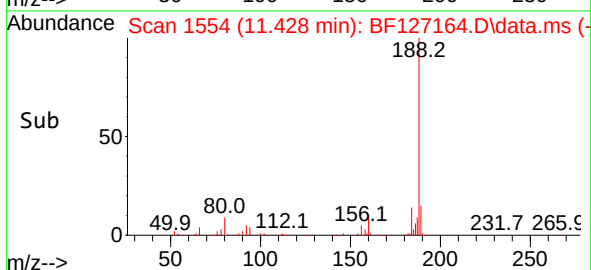
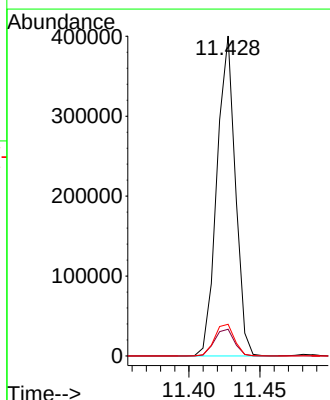
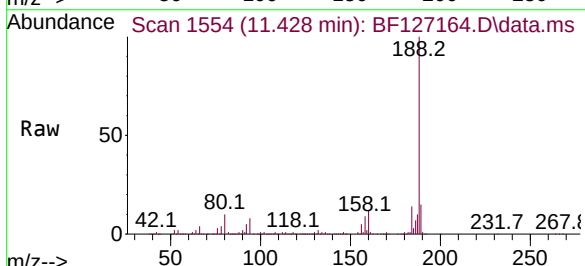
Tgt Ion: 188 Resp: 360497

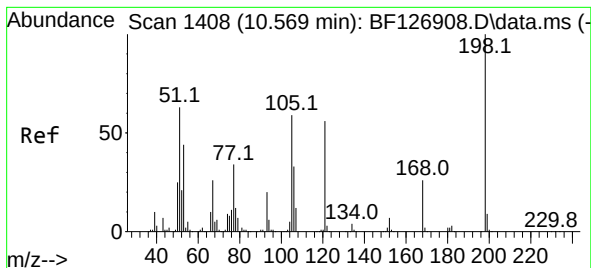
Ion Ratio Lower Upper

188 100

94 8.4 10.1 15.1#

80 9.9 11.8 17.6#

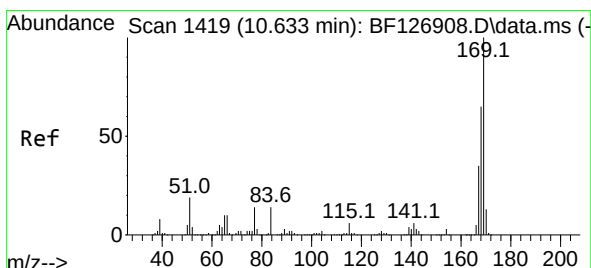
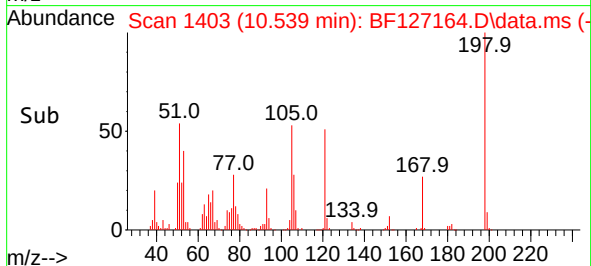
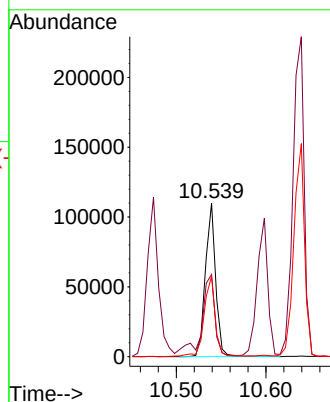
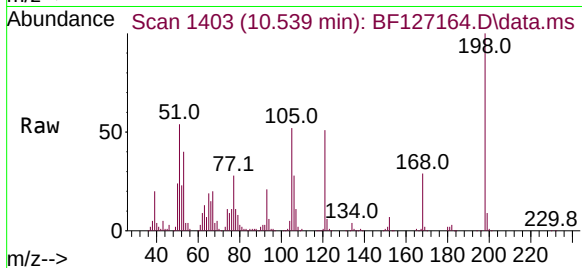




#65
4,6-Dinitro-2-methylphenol
Concen: 41.473 ng
RT: 10.539 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

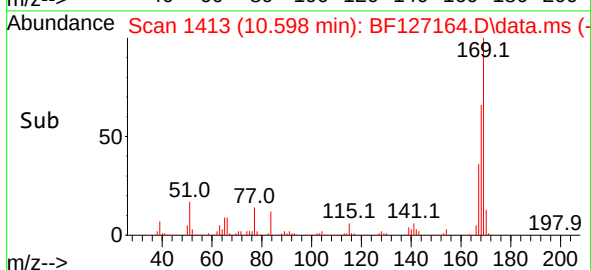
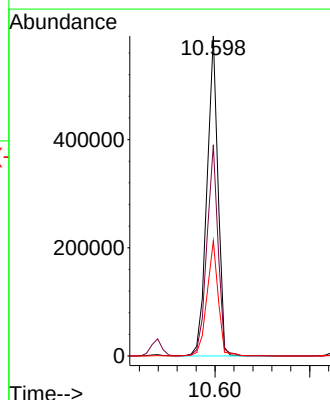
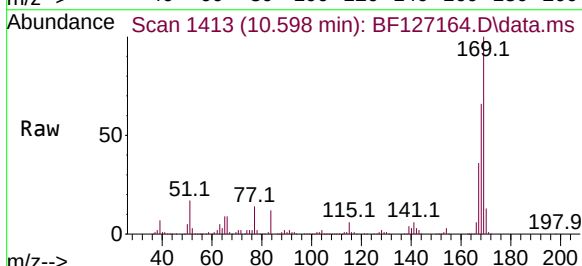
Instrument :
BNA_F
ClientSampleId :
PB143032BS

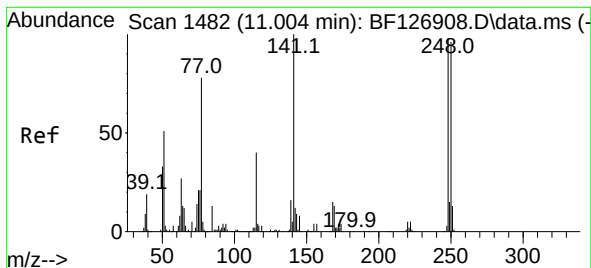
Tgt Ion:198 Resp: 87847
Ion Ratio Lower Upper
198 100
51 53.5 32.0 72.0
105 52.4 32.7 72.7



#66
n-Nitrosodiphenylamine
Concen: 40.514 ng
RT: 10.598 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

Tgt Ion:169 Resp: 478921
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.0
167 36.0 29.4 44.0

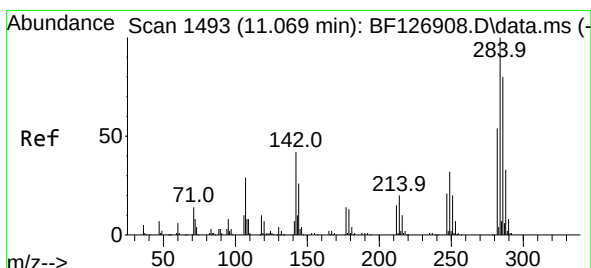
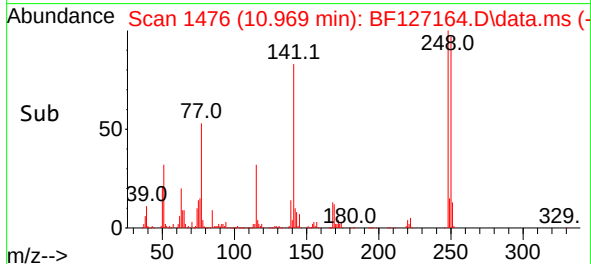
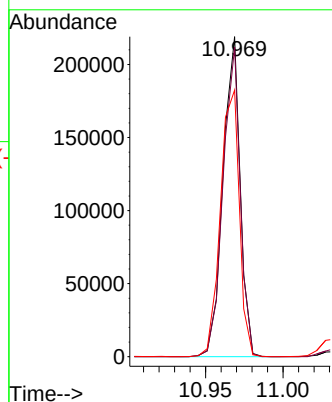
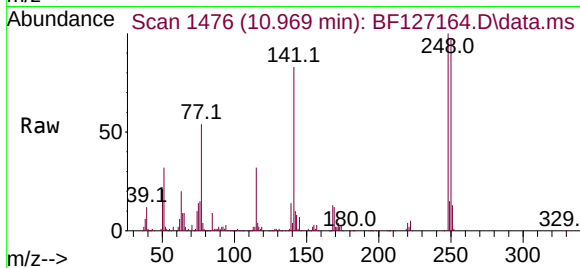




#67
4-Bromophenyl-phenylether
Concen: 41.966 ng
RT: 10.969 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

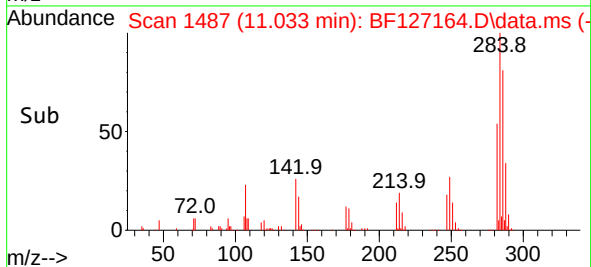
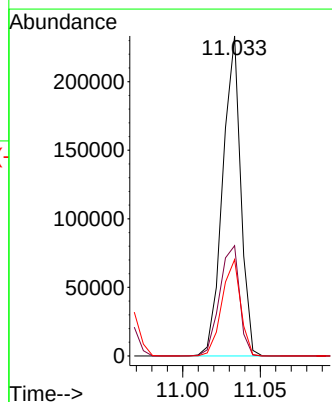
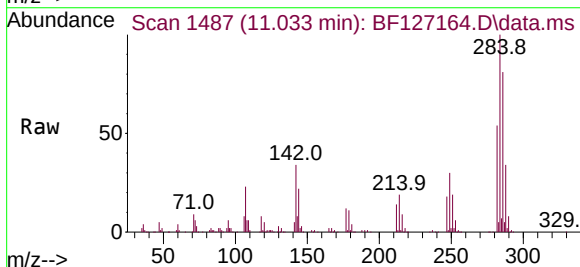
Instrument :
BNA_F
ClientSampleId :
PB143032BS

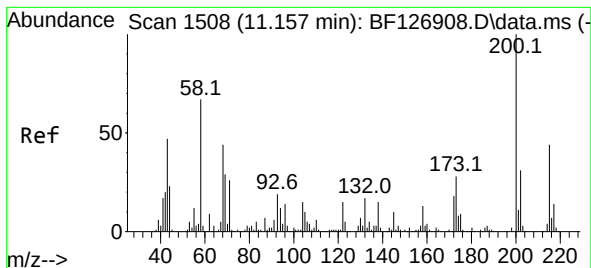
Tgt Ion:248 Resp: 169033
Ion Ratio Lower Upper
248 100
250 96.6 76.2 114.4
141 83.3 66.2 99.4



#68
Hexachlorobenzene
Concen: 43.475 ng
RT: 11.033 min Scan# 1487
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

Tgt Ion:284 Resp: 188511
Ion Ratio Lower Upper
284 100
142 34.4 30.7 46.1
249 30.1 21.1 31.7





#69

Atrazine

Concen: 45.622 ng

RT: 11.128 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB143032BS

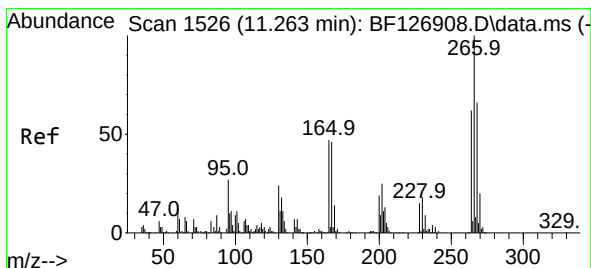
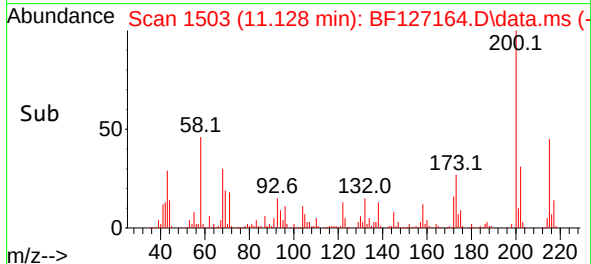
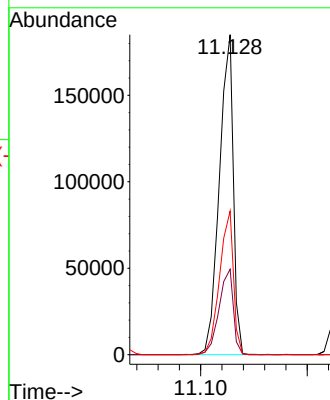
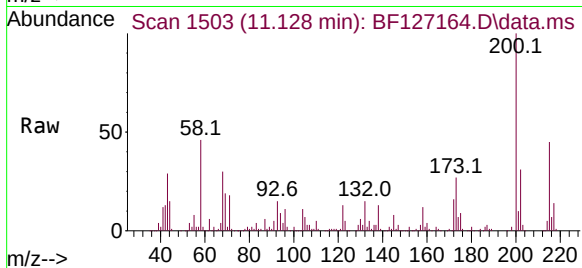
Tgt Ion:200 Resp: 167263

Ion Ratio Lower Upper

200 100

173 26.7 9.2 49.2

215 44.9 23.2 63.2



#70

Pentachlorophenol

Concen: 82.223 ng

RT: 11.233 min Scan# 1521

Delta R.T. 0.006 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

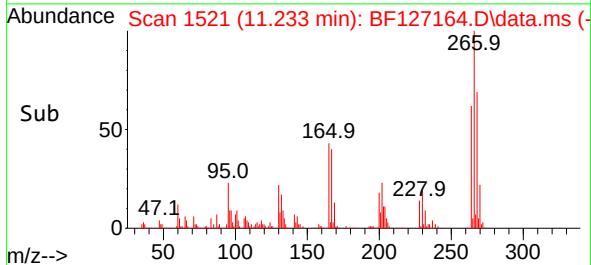
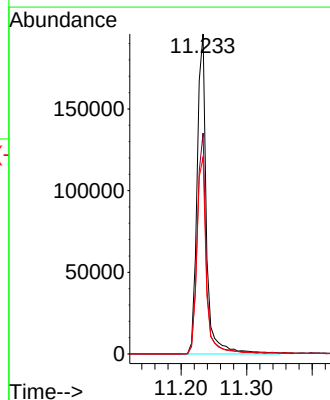
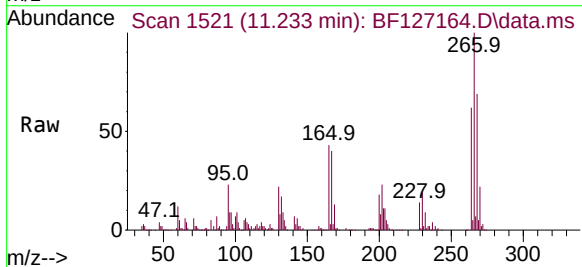
Tgt Ion:266 Resp: 194622

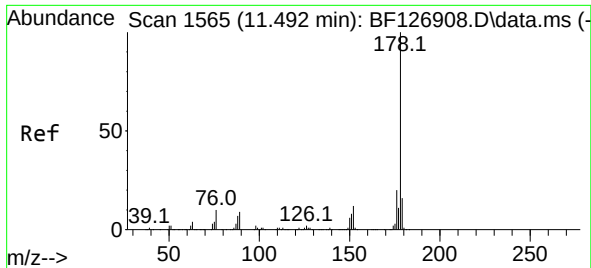
Ion Ratio Lower Upper

266 100

268 69.1 52.3 78.5

264 61.6 50.4 75.6

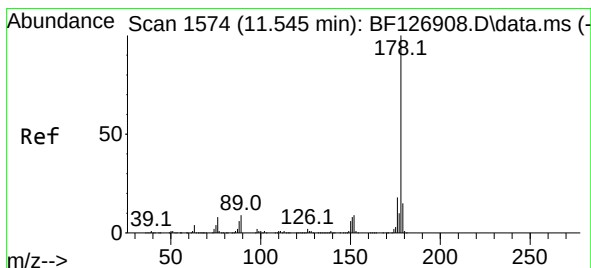
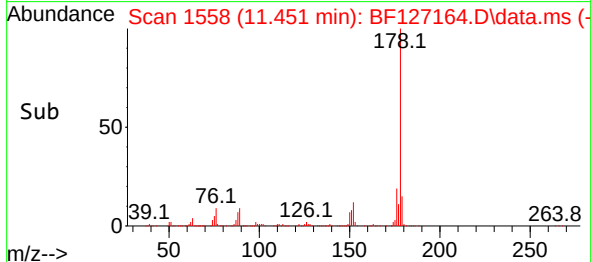
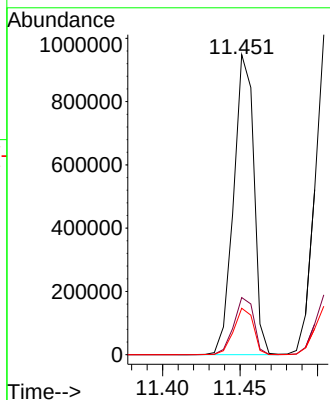
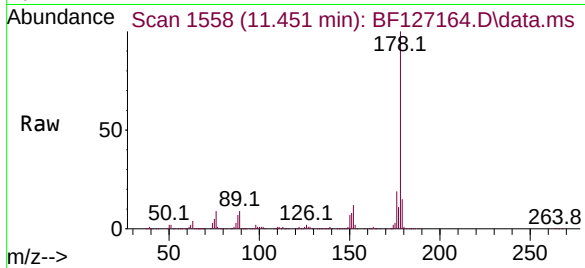




#71
Phenanthrene
Concen: 42.586 ng
RT: 11.451 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

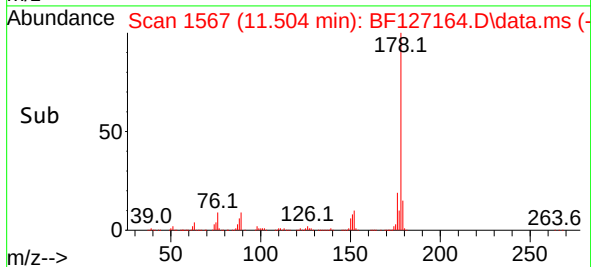
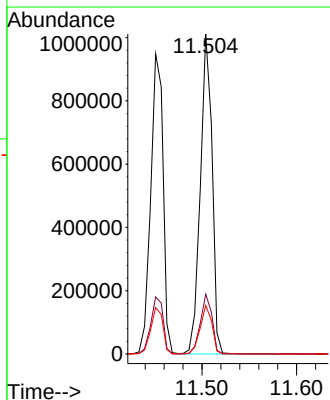
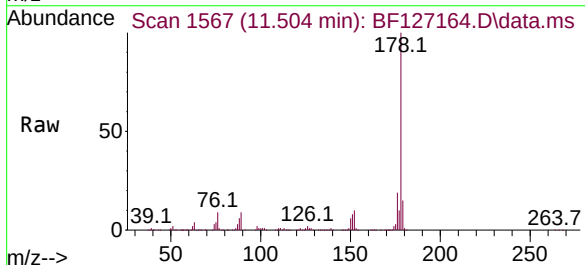
Instrument :
BNA_F
ClientSampleId :
PB143032BS

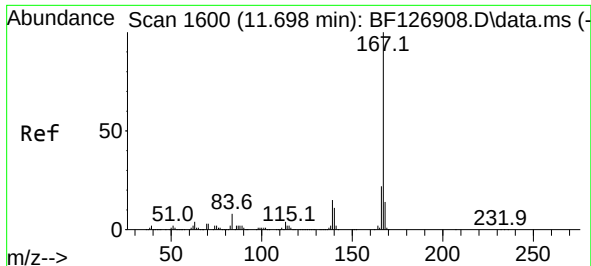
Tgt Ion:178 Resp: 859286
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 15.5 12.3 18.5



#72
Anthracene
Concen: 43.564 ng
RT: 11.504 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

Tgt Ion:178 Resp: 875086
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.2 12.5 18.7

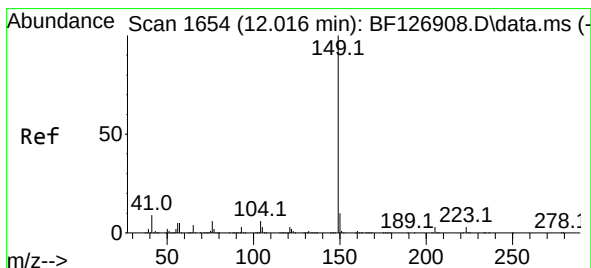
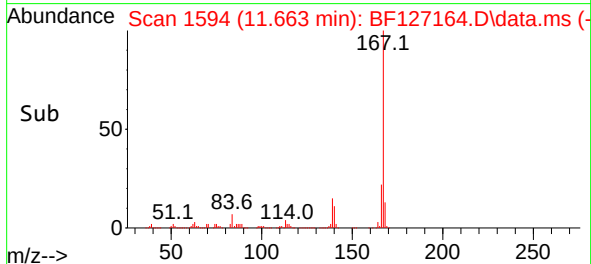
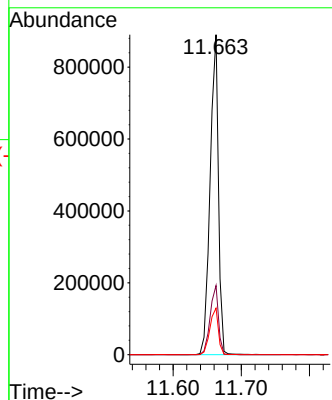
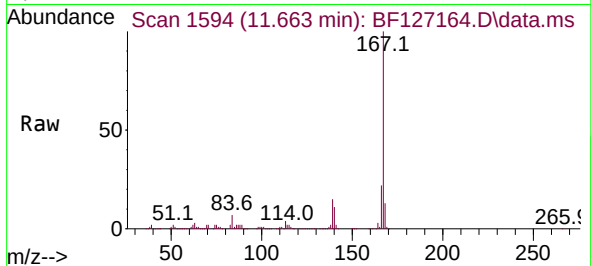




#73
 Carbazole
 Concen: 40.992 ng
 RT: 11.663 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127164.D
 Acq: 03 Mar 2022 11:43

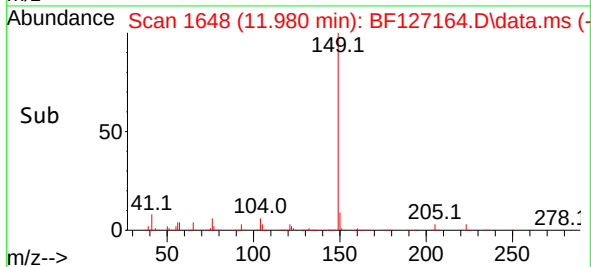
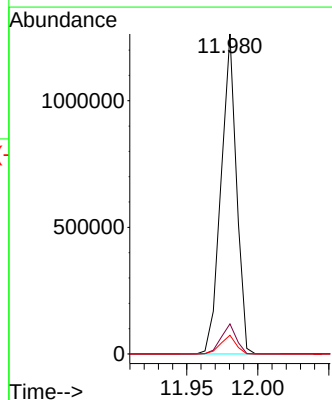
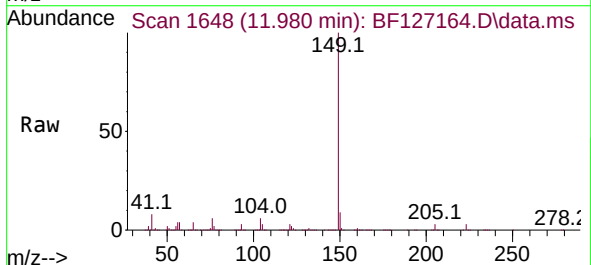
Instrument :
 BNA_F
 ClientSampleId :
 PB143032BS

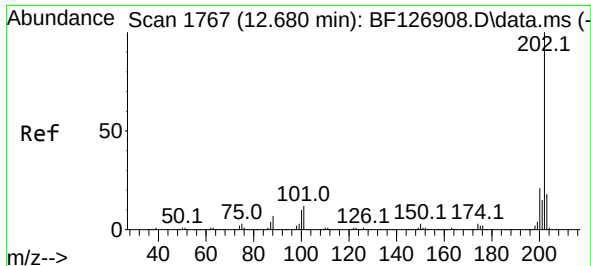
Tgt Ion:167 Resp: 755119
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.9 25.3
 139 14.6 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 40.393 ng
 RT: 11.980 min Scan# 1648
 Delta R.T. 0.000 min
 Lab File: BF127164.D
 Acq: 03 Mar 2022 11:43

Tgt Ion:149 Resp: 956557
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.2 10.8
 104 5.9 4.2 6.2

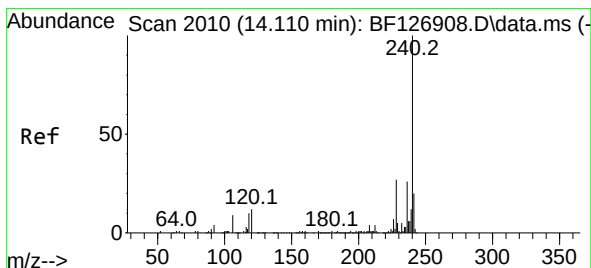
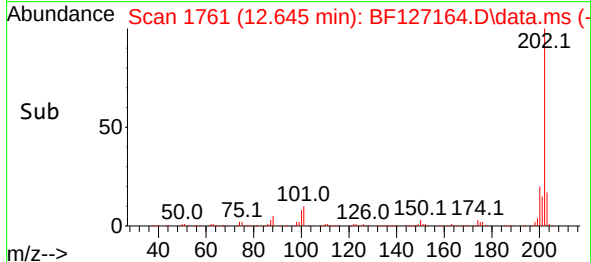
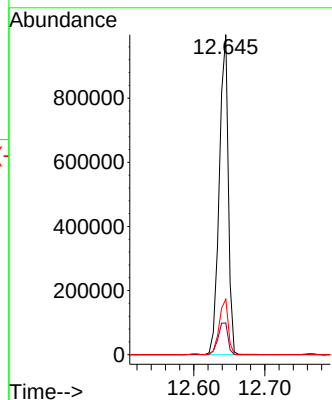
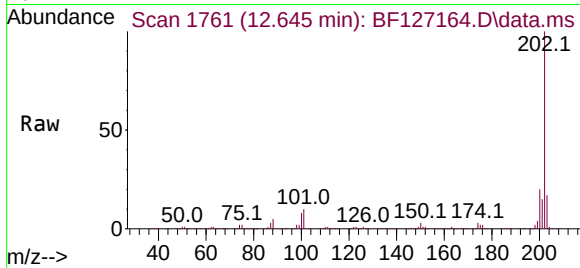




#75
Fluoranthene
Concen: 45.566 ng
RT: 12.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

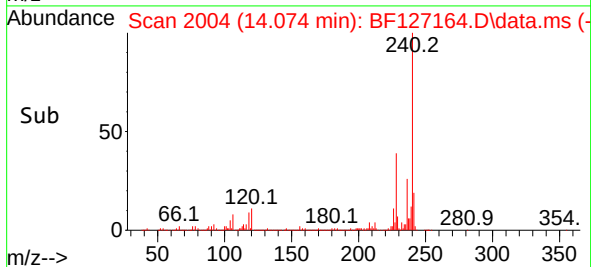
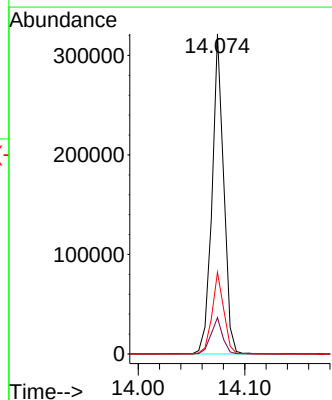
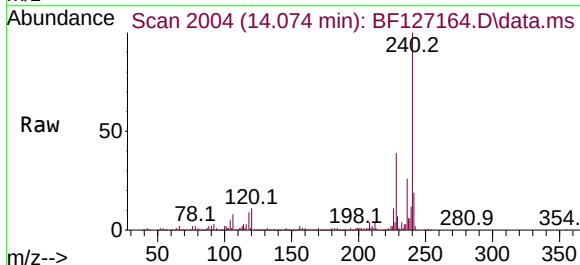
Instrument :
BNA_F
ClientSampleId :
PB143032BS

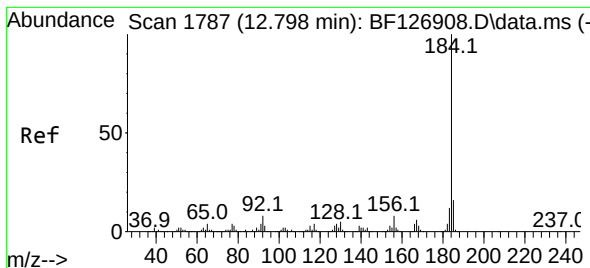
Tgt Ion:202 Resp: 872988
Ion Ratio Lower Upper
202 100
101 9.9 0.0 35.7
203 17.3 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

Tgt Ion:240 Resp: 244746
Ion Ratio Lower Upper
240 100
120 11.3 14.4 21.6#
236 25.6 20.5 30.7





#77

Benzidine

Concen: 56.972 ng

RT: 12.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB143032BS

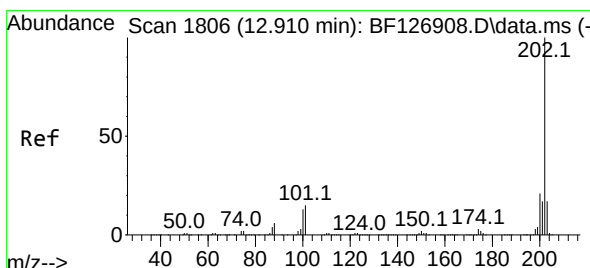
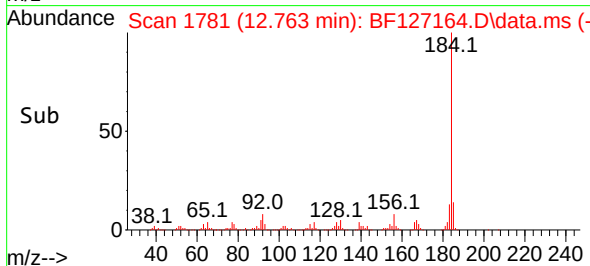
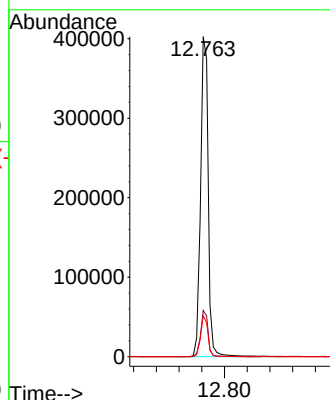
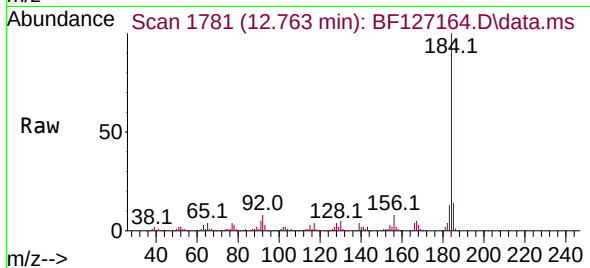
Tgt Ion:184 Resp: 378927

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.8

183 12.7 8.2 12.2#



#78

Pyrene

Concen: 40.665 ng

RT: 12.874 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

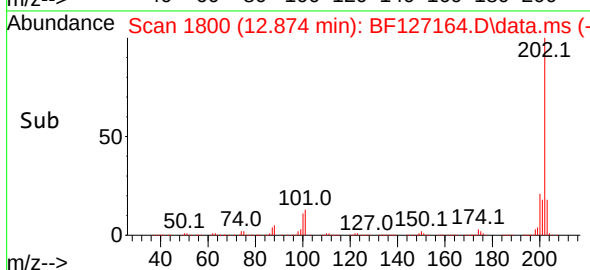
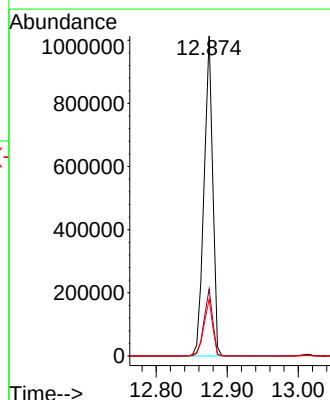
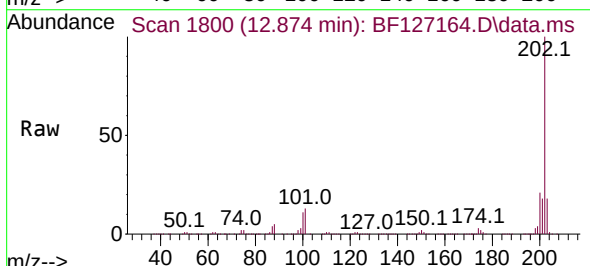
Tgt Ion:202 Resp: 864672

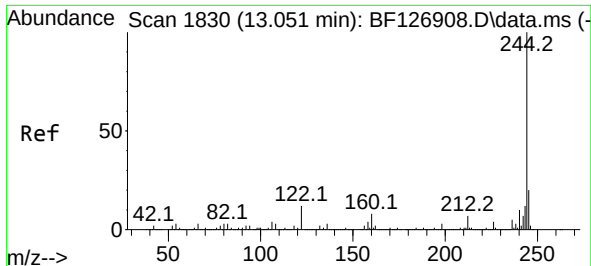
Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

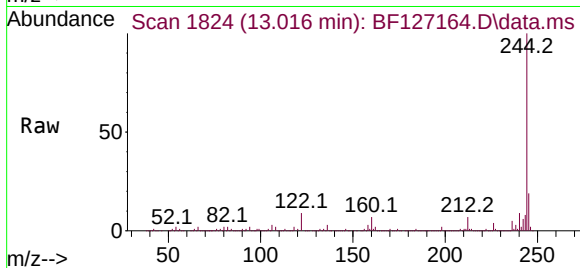
203 17.6 13.8 20.8



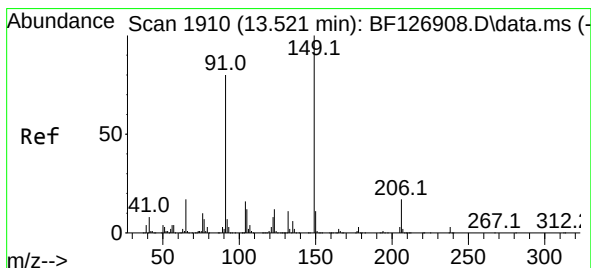
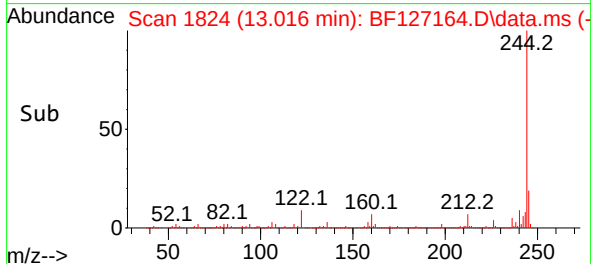
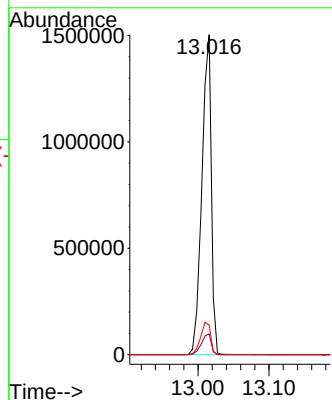


#79
 Terphenyl-d14
 Concen: 83.512 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127164.D
 Acq: 03 Mar 2022 11:43

Instrument :
 BNA_F
 ClientSampleId :
 PB143032BS

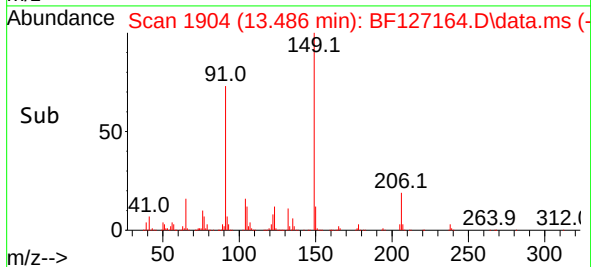
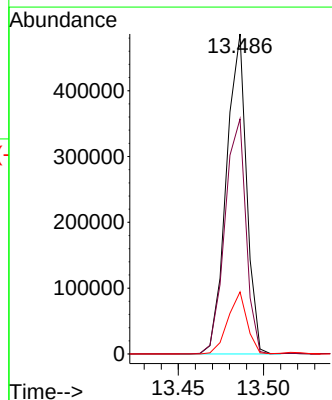
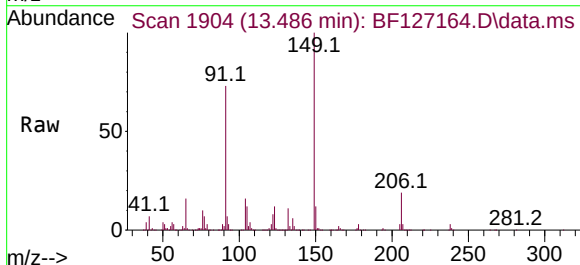


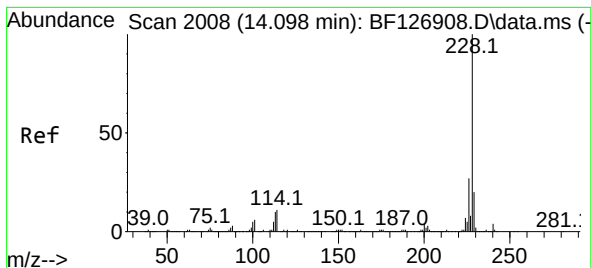
Tgt Ion:244 Resp: 1390385
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 9.3 13.3 19.9#



#80
 Butylbenzylphthalate
 Concen: 39.763 ng
 RT: 13.486 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: BF127164.D
 Acq: 03 Mar 2022 11:43

Tgt Ion:149 Resp: 400268
 Ion Ratio Lower Upper
 149 100
 91 73.5 70.5 105.7
 206 19.4 12.6 19.0#





#81

Benzo(a)anthracene

Concen: 43.482 ng

RT: 14.063 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB143032BS

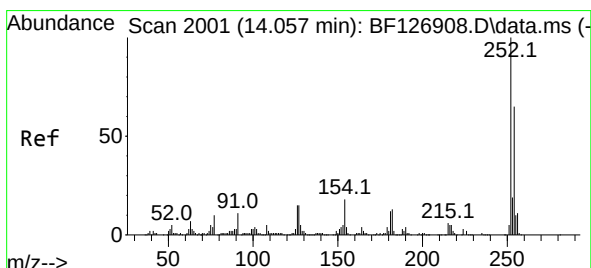
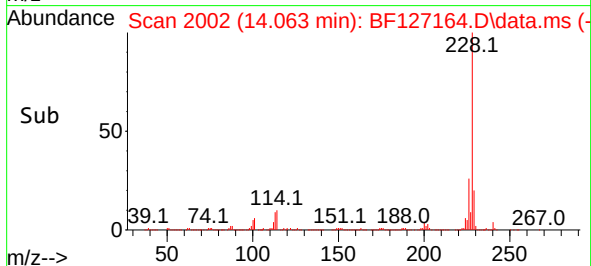
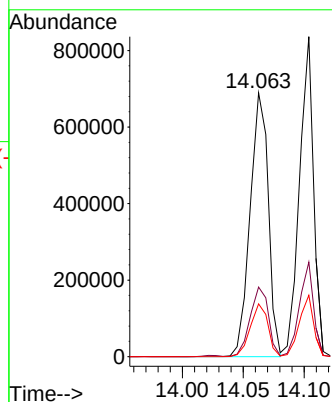
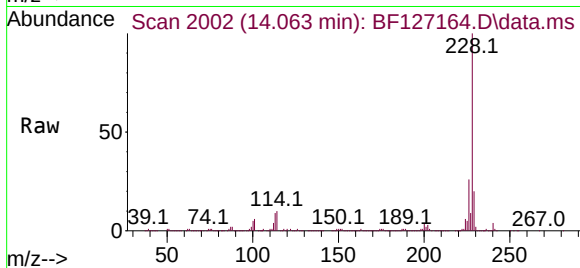
Tgt Ion:228 Resp: 717443

Ion Ratio Lower Upper

228 100

226 26.4 21.4 32.0

229 20.0 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 30.425 ng

RT: 14.027 min Scan# 1996

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

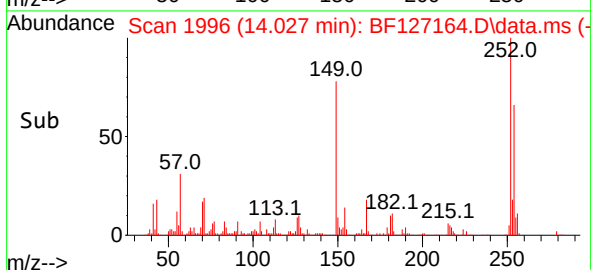
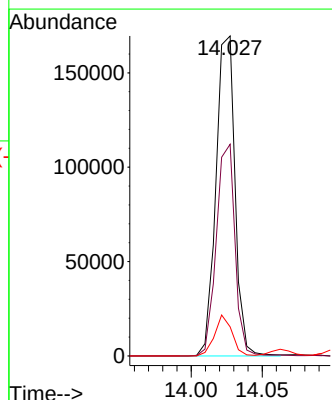
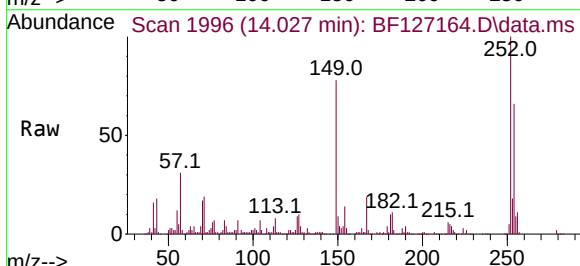
Tgt Ion:252 Resp: 158207

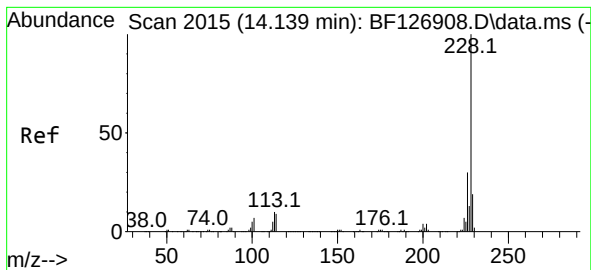
Ion Ratio Lower Upper

252 100

254 66.2 51.0 76.4

126 9.1 13.4 20.0#





#83

Chrysene

Concen: 43.460 ng

RT: 14.104 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB143032BS

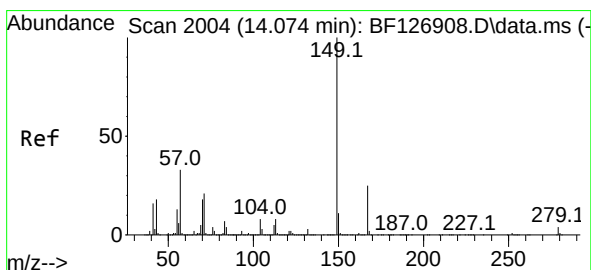
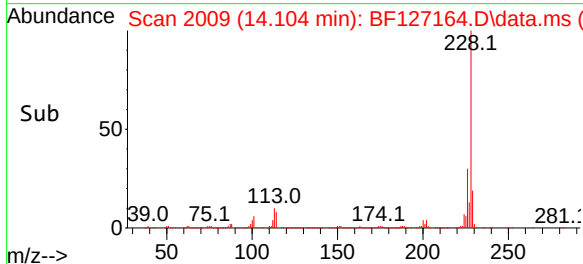
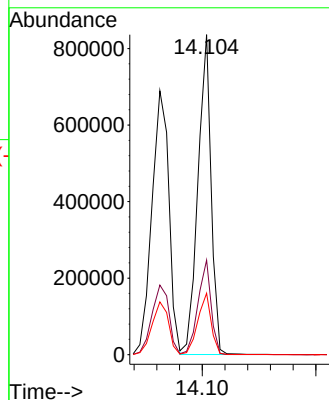
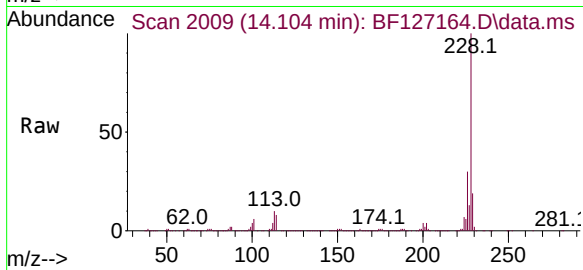
Tgt Ion:228 Resp: 674323

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

229 19.2 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.898 ng

RT: 14.039 min Scan# 1998

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

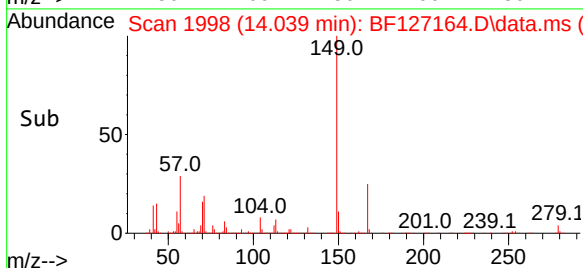
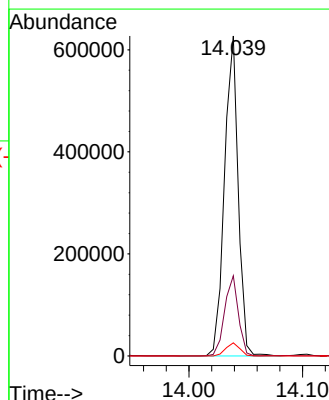
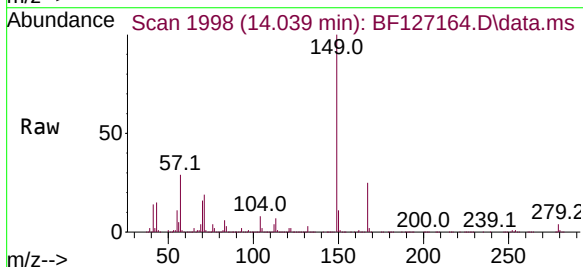
Tgt Ion:149 Resp: 527286

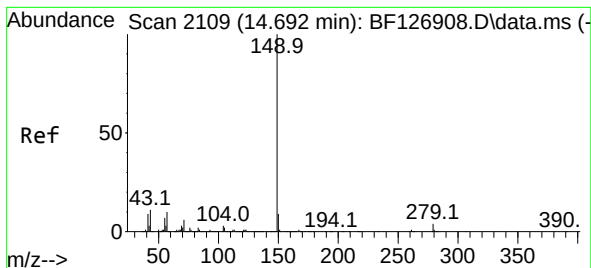
Ion Ratio Lower Upper

149 100

167 25.1 21.4 32.2

279 4.1 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 41.125 ng

RT: 14.657 min Scan# 2103

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB143032BS

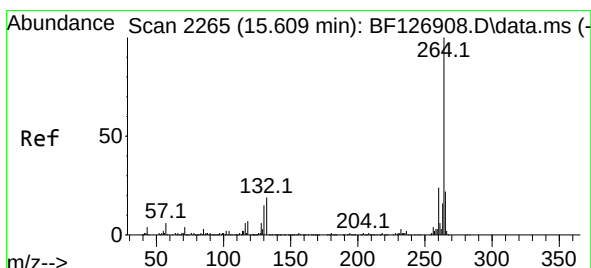
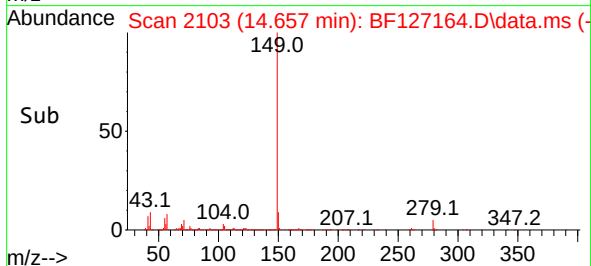
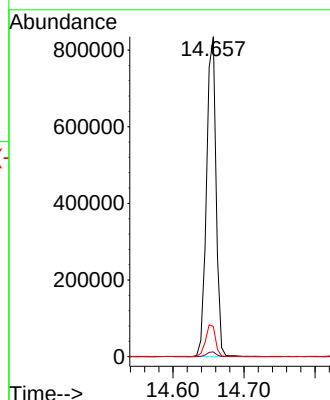
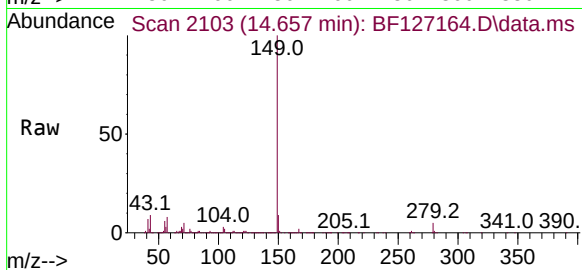
Tgt Ion:149 Resp: 782531

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 10.2 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2257

Delta R.T. -0.006 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

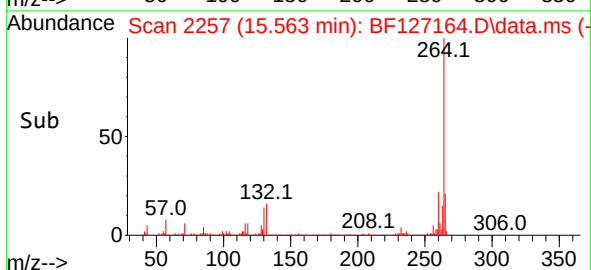
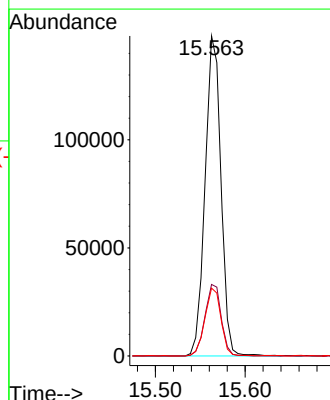
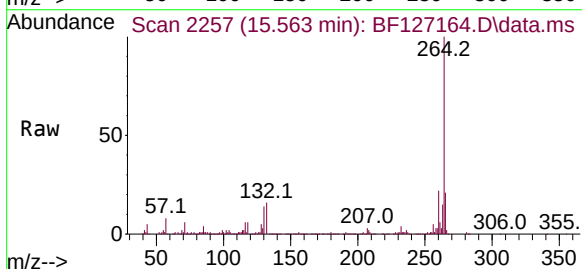
Tgt Ion:264 Resp: 181728

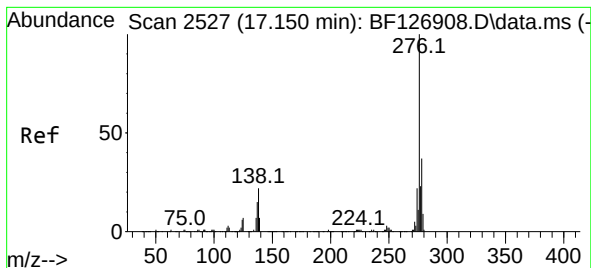
Ion Ratio Lower Upper

264 100

260 22.4 19.2 28.8

265 21.2 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.402 ng

RT: 17.086 min Scan# 2183

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB143032BS

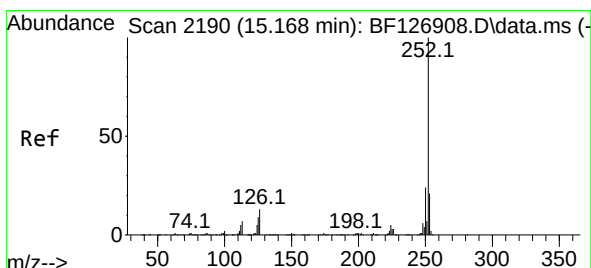
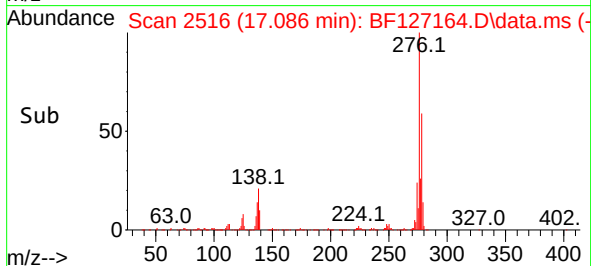
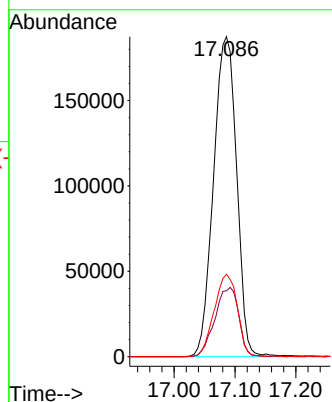
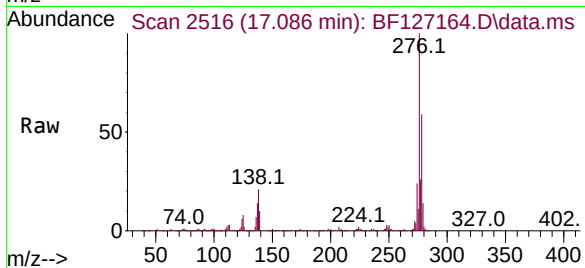
Tgt Ion:276 Resp: 493356

Ion Ratio Lower Upper

276 100

138 22.3 29.2 43.8#

277 25.9 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 47.572 ng

RT: 15.127 min Scan# 2183

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

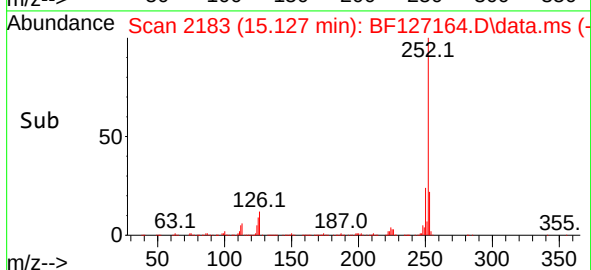
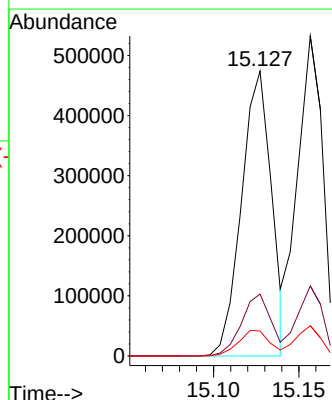
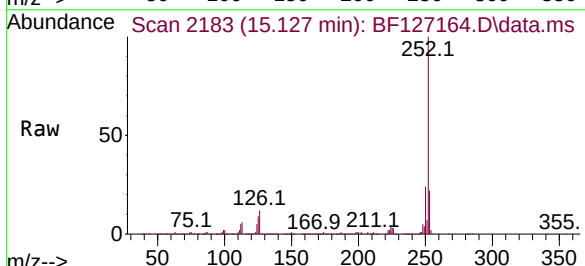
Tgt Ion:252 Resp: 580640

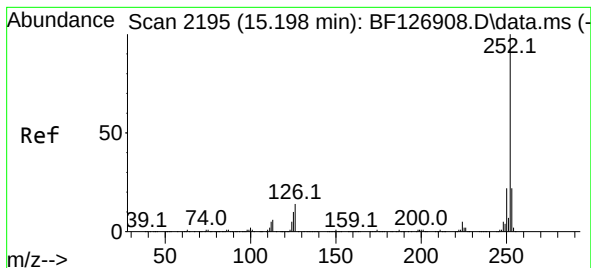
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 8.8 12.4 18.6#





#89

Benzo(k)fluoranthene

Concen: 47.411 ng

RT: 15.157 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB143032BS

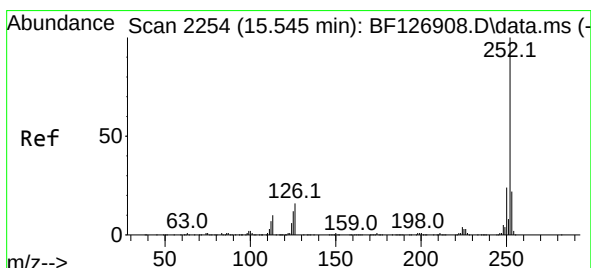
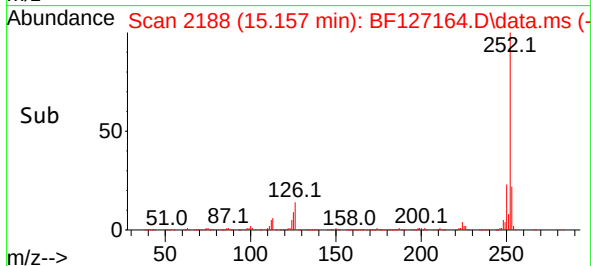
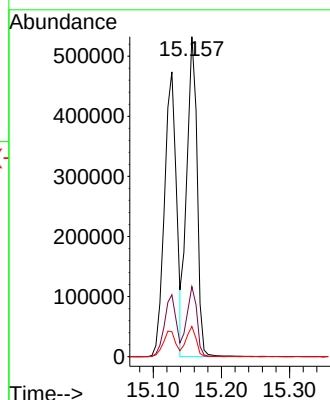
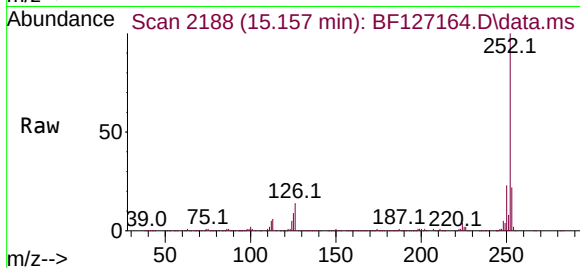
Tgt Ion:252 Resp: 558148

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.5 11.8 17.6#



#90

Benzo(a)pyrene

Concen: 53.534 ng

RT: 15.504 min Scan# 2247

Delta R.T. 0.000 min

Lab File: BF127164.D

Acq: 03 Mar 2022 11:43

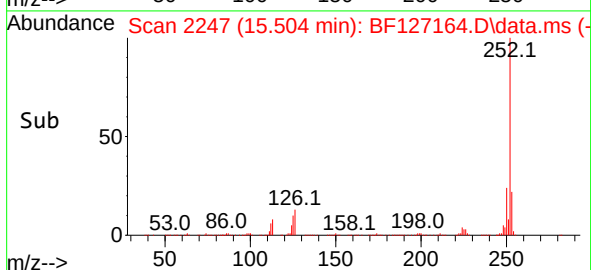
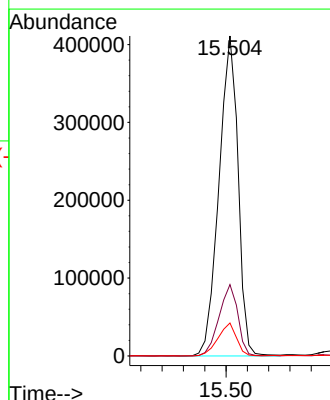
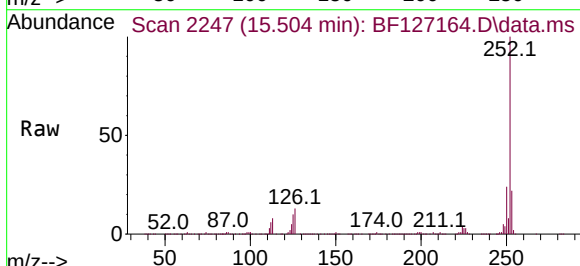
Tgt Ion:252 Resp: 510378

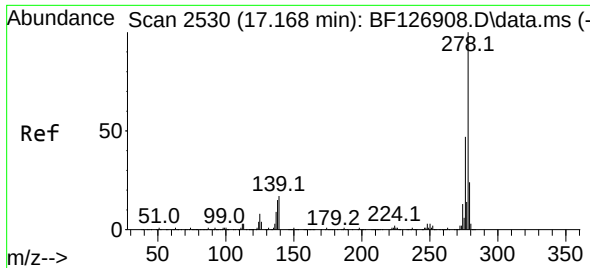
Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

125 10.3 13.0 19.6#

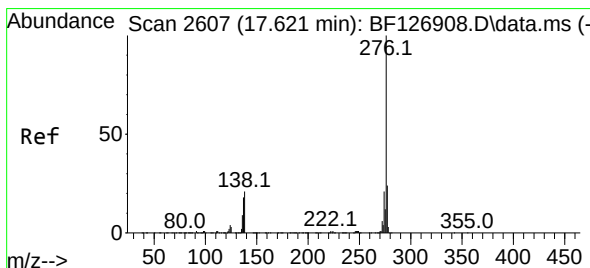
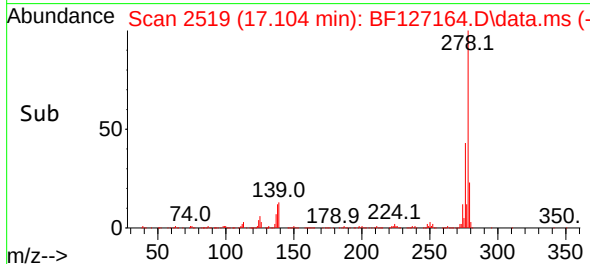
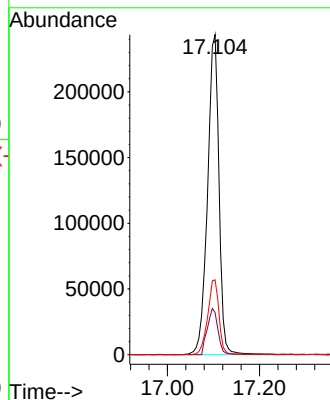
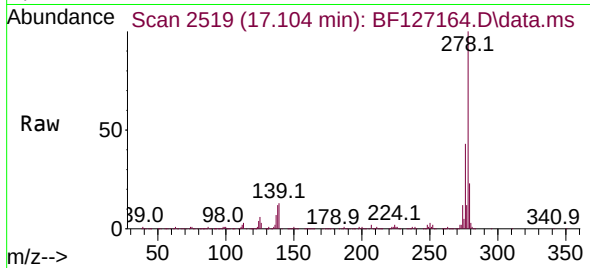




#91
Dibenzo(a,h)anthracene
Concen: 42.940 ng
RT: 17.104 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

Instrument :
BNA_F
ClientSampleId :
PB143032BS

Tgt Ion:278 Resp: 423188
Ion Ratio Lower Upper
278 100
139 13.1 18.0 27.0#
279 23.4 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 43.006 ng
RT: 17.545 min Scan# 2594
Delta R.T. -0.006 min
Lab File: BF127164.D
Acq: 03 Mar 2022 11:43

Tgt Ion:276 Resp: 417840
Ion Ratio Lower Upper
276 100
277 23.4 18.5 27.7
138 18.3 25.9 38.9#

