

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
 Data File : BF128841.D
 Acq On : 16 Jun 2022 16:02
 Operator : CG\JU
 Sample : N3305-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-107-(9-10)MSD

Quant Time: Jun 17 02:21:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	75000	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	295026	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	164533	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	303093	20.000	ng	0.00
76) Chrysene-d12	13.963	240	173506	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	160289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	506669	107.605	ng	0.01
7) Phenol-d6	6.445	99	646729	112.521	ng	0.00
23) Nitrobenzene-d5	7.351	82	453502	71.568	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	191982	98.754	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	833132	70.931	ng	0.00
79) Terphenyl-d14	12.904	244	900816	90.215	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	92854	53.119	ng	94
3) Pyridine	3.298	79	250963	54.045	ng	92
4) n-Nitrosodimethylamine	3.263	42	173790	53.969	ng	# 84
6) Aniline	6.445	93	251295	40.539	ng	# 61
8) 2-Chlorophenol	6.581	128	264937	54.989	ng	99
9) Benzaldehyde	6.334	77	150462	42.969	ng	93
10) Phenol	6.457	94	330061	54.325	ng	88
11) bis(2-Chloroethyl)ether	6.522	93	239639	53.827	ng	98
12) 1,3-Dichlorobenzene	6.722	146	295182	52.996	ng	98
13) 1,4-Dichlorobenzene	6.798	146	303327	53.921	ng	99
14) 1,2-Dichlorobenzene	6.951	146	285077	54.175	ng	97
15) Benzyl Alcohol	6.934	79	248934	51.764	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.057	45	361974	49.348	ng	# 1
17) 2-Methylphenol	7.057	107	219793	57.720	ng	# 85
18) Hexachloroethane	7.292	117	111682	53.363	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	197852	55.364	ng	97
20) 3+4-Methylphenols	7.210	107	284039	55.872	ng	# 81
22) Acetophenone	7.198	105	394415	51.115	ng	97
24) Nitrobenzene	7.369	77	304120	52.277	ng	96
25) Isophorone	7.610	82	518823	53.909	ng	97
26) 2-Nitrophenol	7.686	139	140239	54.713	ng	# 88
27) 2,4-Dimethylphenol	7.734	122	240173	61.513	ng	96
28) bis(2-Chloroethoxy)met...	7.822	93	298061	48.992	ng	100
29) 2,4-Dichlorophenol	7.939	162	226614	50.147	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	248588	48.855	ng	99
31) Naphthalene	8.092	128	775865	51.243	ng	99
32) Benzoic acid	7.886	122	73310	26.465	ng	91
33) 4-Chloroaniline	8.139	127	113282	19.844	ng	97
34) Hexachlorobutadiene	8.204	225	170365	47.211	ng	100
35) Caprolactam	8.528	113	67851m	54.298	ng	
36) 4-Chloro-3-methylphenol	8.651	107	254777	51.661	ng	98
37) 2-Methylnaphthalene	8.780	142	499412	51.858	ng	98
38) 1-Methylnaphthalene	8.880	142	472221	50.752	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	265363	51.931	ng	99
41) Hexachlorocyclopentadiene	8.933	237	184137	59.949	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	156084	45.169	ng	99

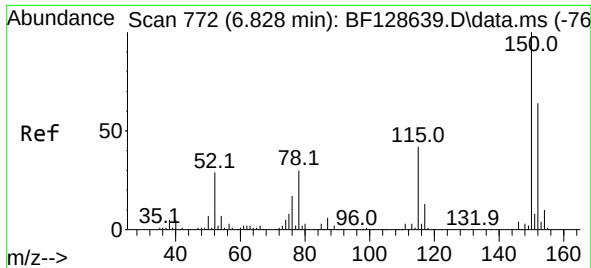
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 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	165306	46.290	ng	# 94
46) 1,1'-Biphenyl	9.251	154	630448	51.068	ng	96
47) 2-Chloronaphthalene	9.275	162	485261	51.513	ng	99
48) 2-Nitroaniline	9.375	65	175703	54.545	ng	93
49) Acenaphthylene	9.692	152	780093	54.093	ng	99
50) Dimethylphthalate	9.551	163	567943	50.430	ng	99
51) 2,6-Dinitrotoluene	9.622	165	128242	57.695	ng	97
52) Acenaphthene	9.863	154	444854	47.368	ng	100
53) 3-Nitroaniline	9.786	138	80815	33.500	ng	95
54) 2,4-Dinitrophenol	9.910	184	88255	71.285	ng	88
55) Dibenzofuran	10.033	168	670433	49.673	ng	93
56) 4-Nitrophenol	9.986	139	123795	70.793	ng	# 72
57) 2,4-Dinitrotoluene	10.027	165	166729	56.206	ng	# 83
58) Fluorene	10.380	166	547400	52.297	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	128875	43.692	ng	96
60) Diethylphthalate	10.251	149	548006	48.415	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	268026	49.369	ng	95
62) 4-Nitroaniline	10.410	138	123109	50.401	ng	87
63) Azobenzene	10.527	77	534318	47.951	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	78036	43.627	ng	96
66) n-Nitrosodiphenylamine	10.492	169	490355	52.636	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	170445	50.427	ng	95
68) Hexachlorobenzene	10.927	284	196340	52.305	ng	96
69) Atrazine	11.022	200	165338	55.189	ng	98
70) Pentachlorophenol	11.133	266	106927	57.065	ng	98
71) Phenanthrene	11.339	178	795810	52.347	ng	99
72) Anthracene	11.392	178	805677	53.543	ng	99
73) Carbazole	11.551	167	707438	50.619	ng	99
74) Di-n-butylphthalate	11.874	149	829158	48.727	ng	100
75) Fluoranthene	12.533	202	823502	51.821	ng	96
77) Benzidine	12.651	184	327951	94.818	ng	99
78) Pyrene	12.763	202	810890	62.817	ng	98
80) Butylbenzylphthalate	13.374	149	291058	53.691	ng	100
81) Benzo(a)anthracene	13.951	228	575221	53.186	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	80461	34.774	ng	97
83) Chrysene	13.986	228	524584	50.876	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	346522	49.169	ng	99
85) Di-n-octyl phthalate	14.545	149	494944	46.629	ng	98
87) Indeno(1,2,3-cd)pyrene	16.874	276	609617	63.100	ng	# 90
88) Benzo(b)fluoranthene	14.998	252	507041	49.505	ng	# 97
89) Benzo(k)fluoranthene	15.027	252	473505	49.145	ng	# 97
90) Benzo(a)pyrene	15.357	252	479410	59.554	ng	# 97
91) Dibenzo(a,h)anthracene	16.886	278	528389	65.937	ng	# 95
92) Benzo(g,h,i)perylene	17.309	276	529035	66.611	ng	# 93

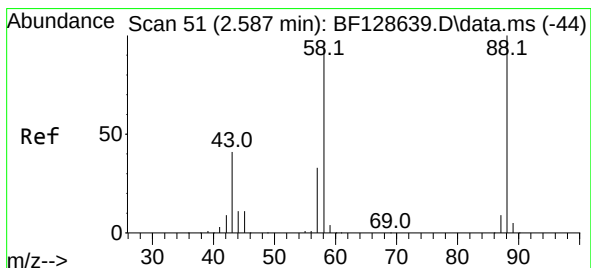
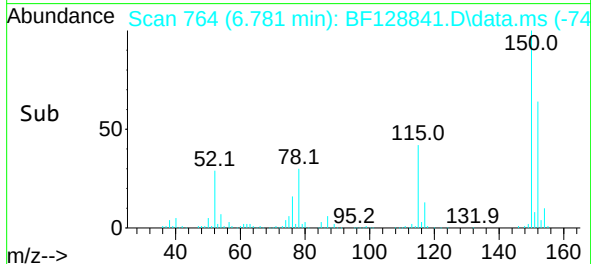
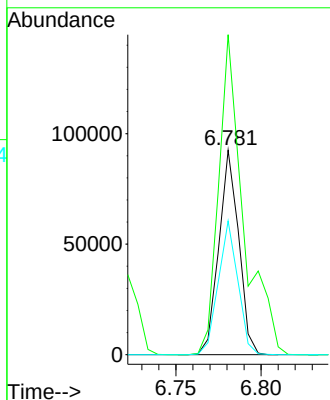
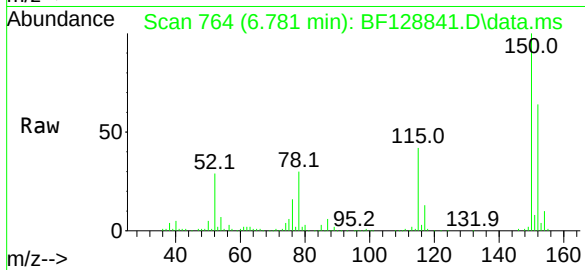
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 7
 Delta R.T. -0.000 min
 Lab File: BF128841.D
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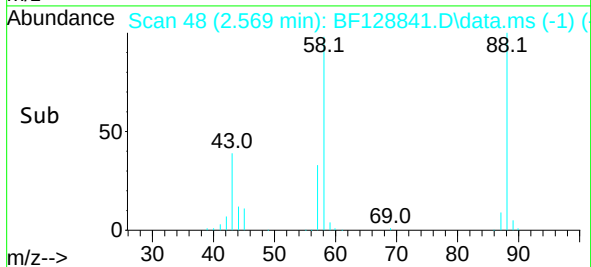
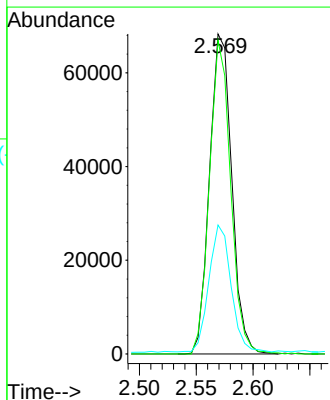
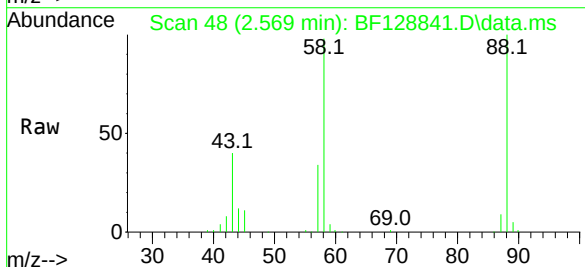
Instrument :
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 B-107-(9-10)MSD

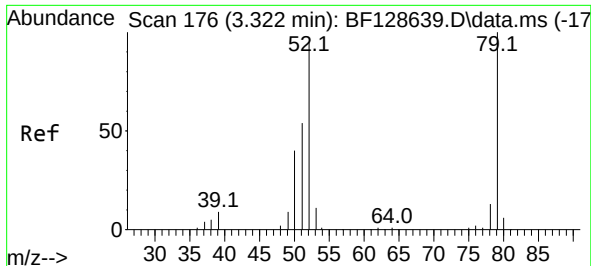
Tgt Ion:152 Resp: 75000
 Ion Ratio Lower Upper
 152 100
 150 156.5 123.7 185.5
 115 65.4 49.9 74.9



#2
 1,4-Dioxane
 Concen: 53.119 ng
 RT: 2.569 min Scan# 48
 Delta R.T. 0.070 min
 Lab File: BF128841.D
 Acq: 16 Jun 2022 16:02

Tgt Ion: 88 Resp: 92854
 Ion Ratio Lower Upper
 88 100
 58 93.9 71.8 107.8
 43 39.3 26.6 39.8

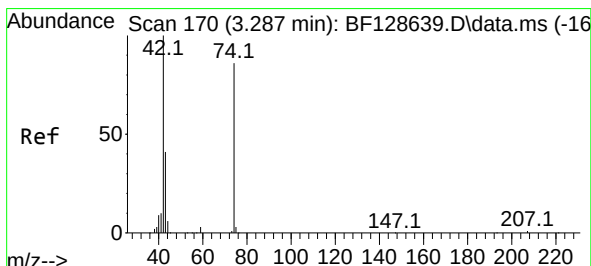
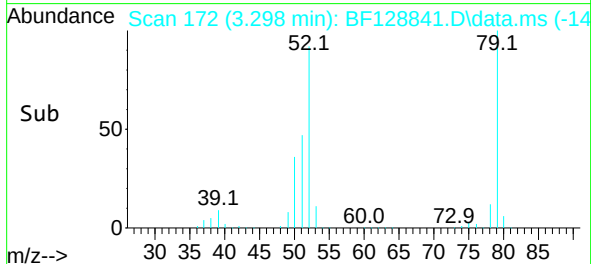
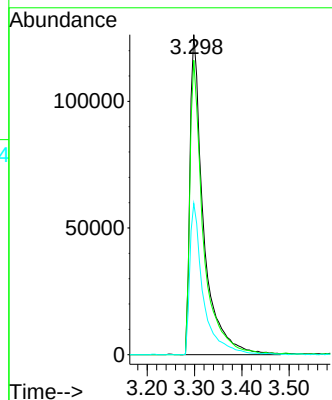
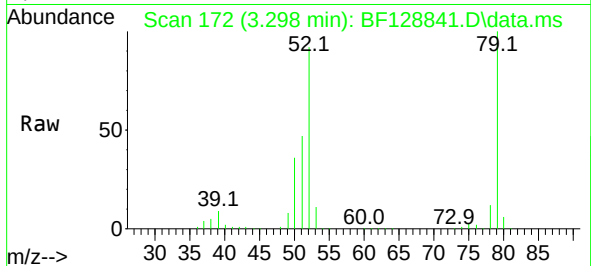




#3
Pyridine
Concen: 54.045 ng
RT: 3.298 min Scan# 11
Delta R.T. 0.070 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

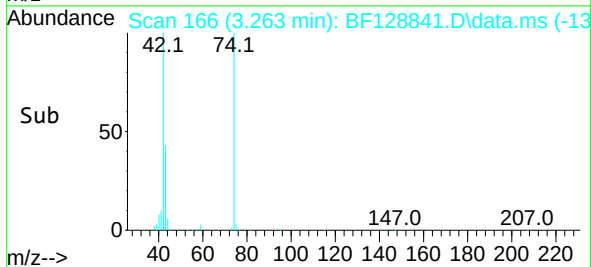
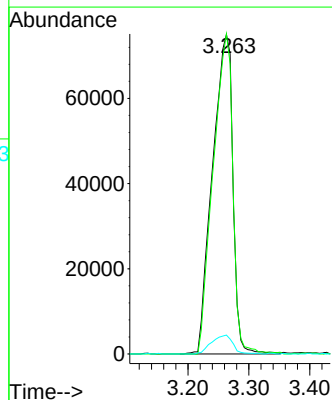
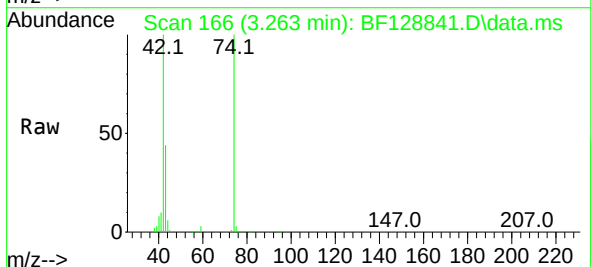
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ClientSampleId :
B-107-(9-10)MSD

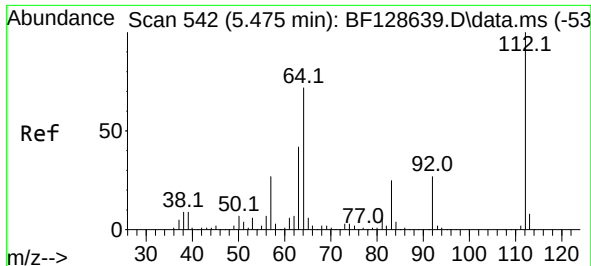
Tgt Ion: 79 Resp: 250963
Ion Ratio Lower Upper
79 100
52 92.0 68.6 102.8
51 47.3 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 53.969 ng
RT: 3.263 min Scan# 166
Delta R.T. 0.070 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion: 42 Resp: 173790
Ion Ratio Lower Upper
42 100
74 100.1 94.8 142.2
44 5.9 6.6 10.0#

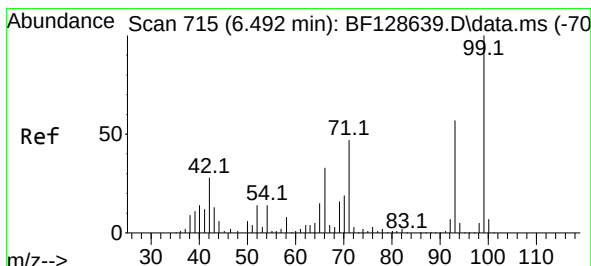
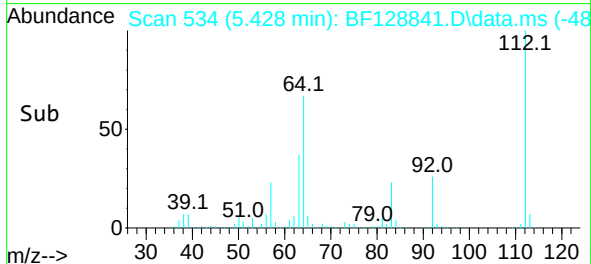
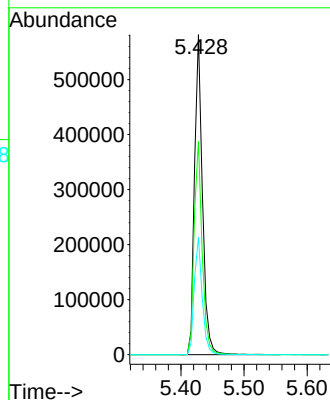
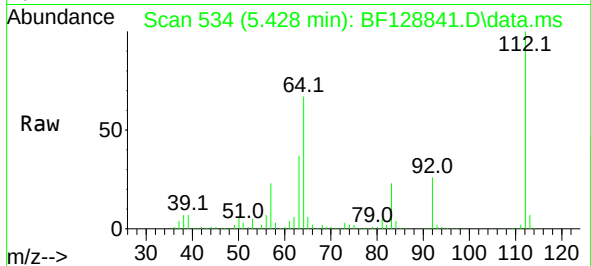




#5
2-Fluorophenol
Concen: 107.605 ng
RT: 5.428 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

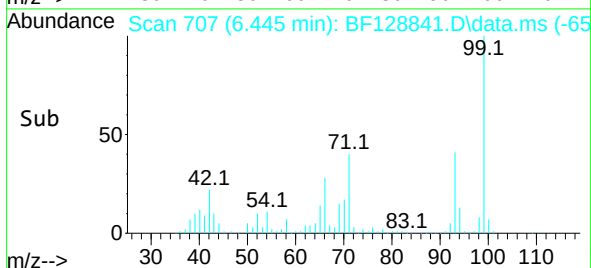
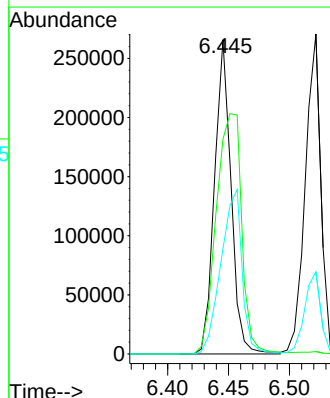
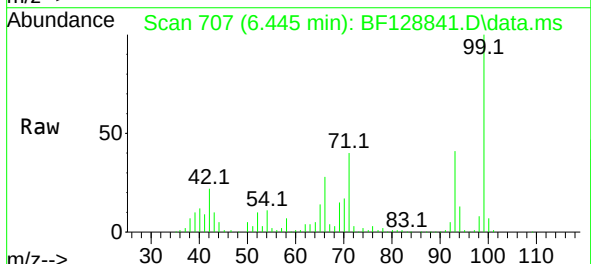
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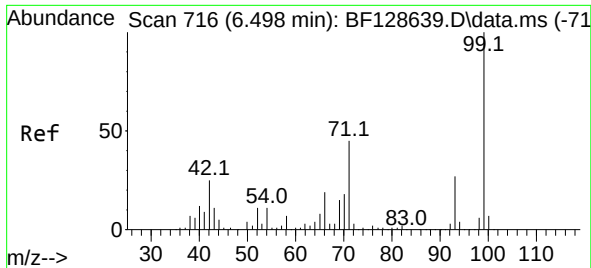
Tgt Ion:112 Resp: 506669
Ion Ratio Lower Upper
112 100
64 66.7 53.3 79.9
63 36.8 28.0 42.0



#6
Aniline
Concen: 40.539 ng
RT: 6.445 min Scan# 707
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion: 93 Resp: 251295
Ion Ratio Lower Upper
93 100
66 68.2 32.5 48.7#
65 33.4 16.4 24.6#

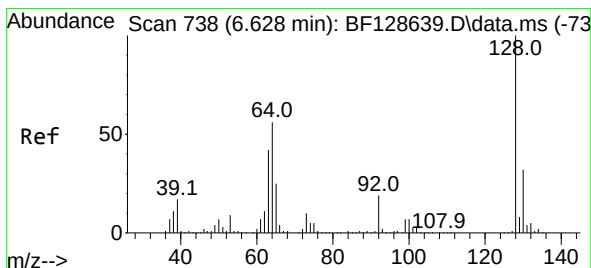
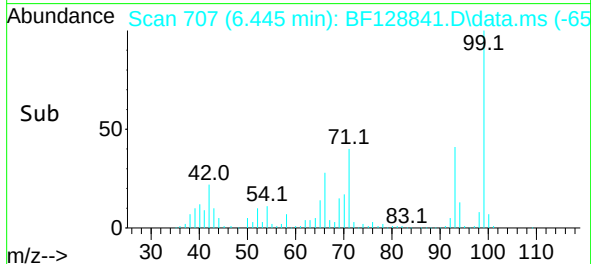
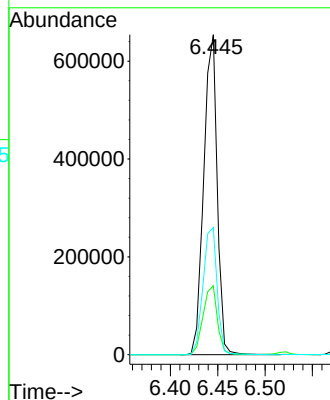
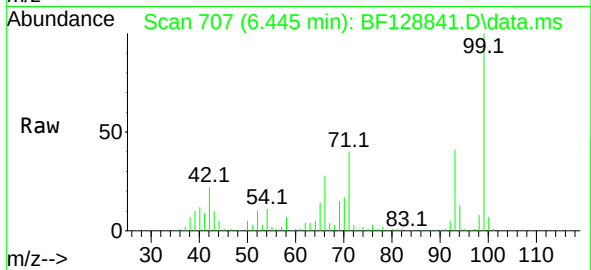




#7
Phenol-d6
Concen: 112.521 ng
RT: 6.445 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

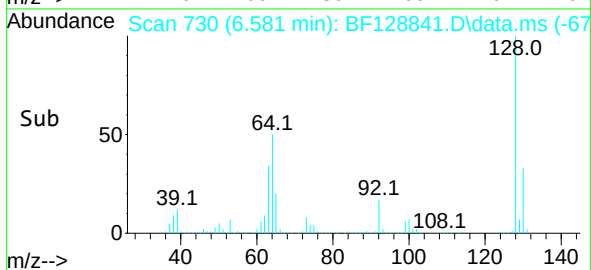
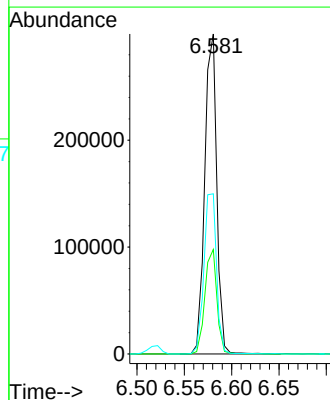
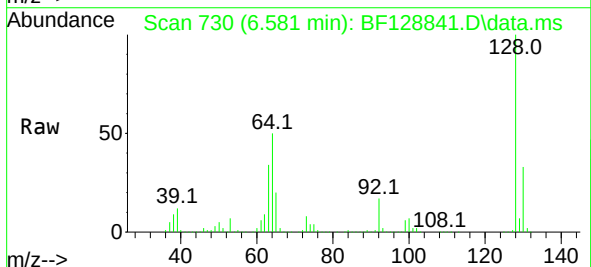
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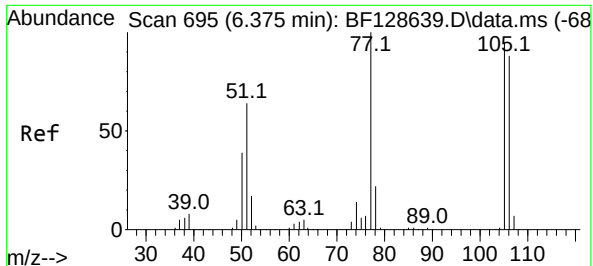
Tgt Ion: 99 Resp: 646729
Ion Ratio Lower Upper
99 100
42 21.6 17.3 25.9
71 39.7 28.9 43.3



#8
2-Chlorophenol
Concen: 54.989 ng
RT: 6.581 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion:128 Resp: 264937
Ion Ratio Lower Upper
128 100
130 32.6 13.1 53.1
64 50.1 30.9 70.9

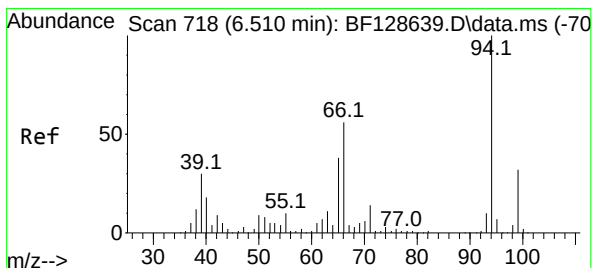
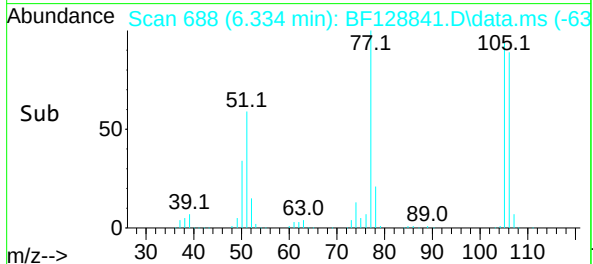
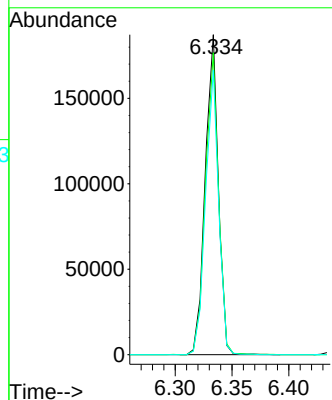
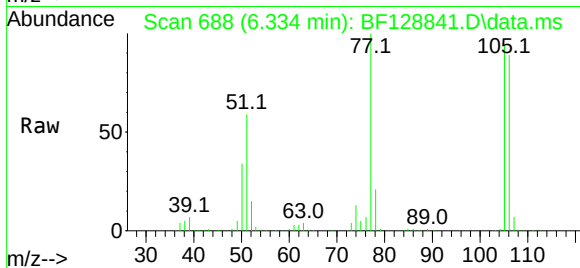




#9
Benzaldehyde
Concen: 42.969 ng
RT: 6.334 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

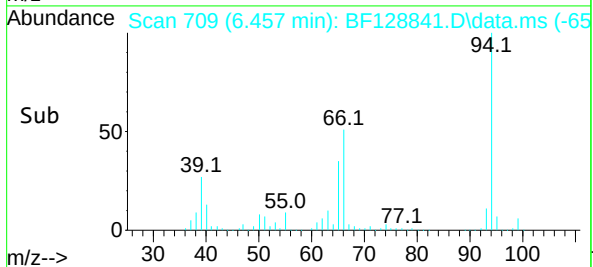
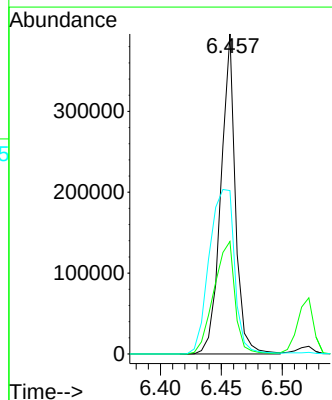
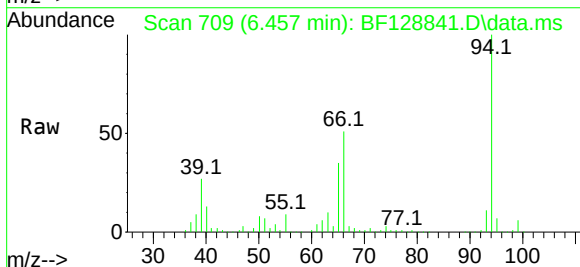
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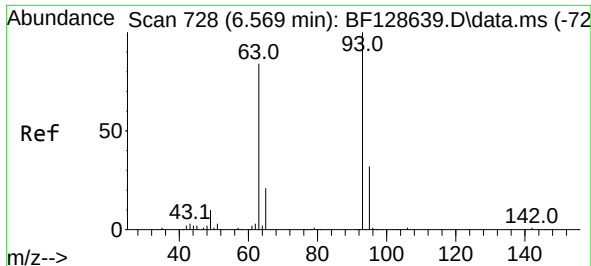
Tgt Ion: 77 Resp: 150462
Ion Ratio Lower Upper
77 100
105 94.3 81.6 121.6
106 88.9 76.1 116.1



#10
Phenol
Concen: 54.325 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion: 94 Resp: 330061
Ion Ratio Lower Upper
94 100
65 35.2 11.4 51.4
66 51.1 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 53.827 ng

RT: 6.522 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF128841.D

Acq: 16 Jun 2022 16:02

Instrument :

BNA_F

ClientSampleId :

B-107-(9-10)MSD

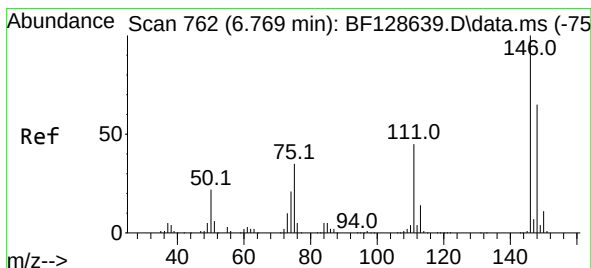
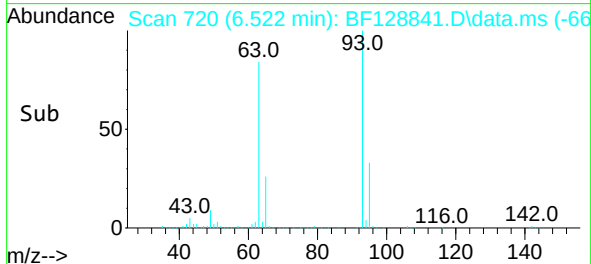
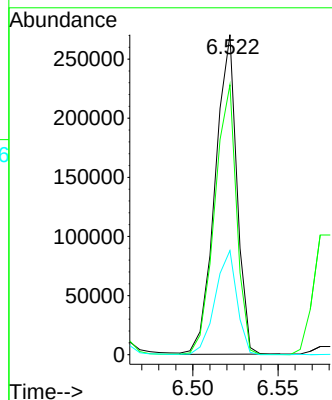
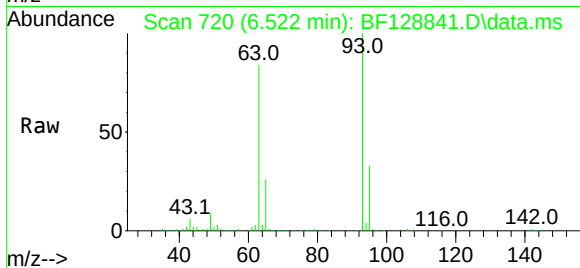
Tgt Ion: 93 Resp: 239639

Ion Ratio Lower Upper

93 100

63 84.3 67.4 107.4

95 32.6 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 52.996 ng

RT: 6.722 min Scan# 754

Delta R.T. -0.000 min

Lab File: BF128841.D

Acq: 16 Jun 2022 16:02

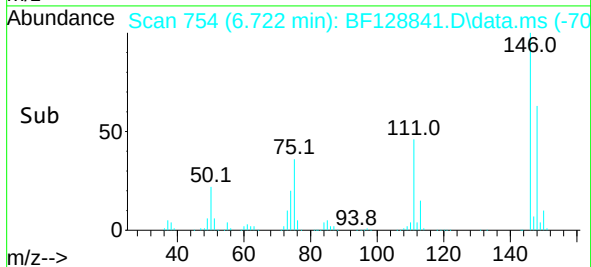
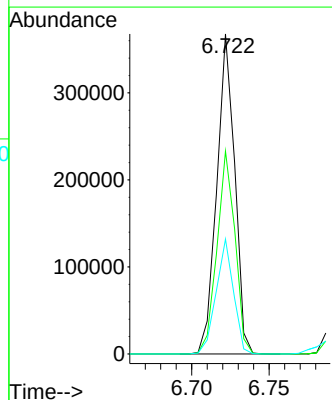
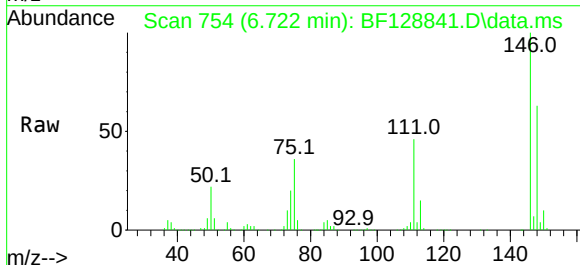
Tgt Ion: 146 Resp: 295182

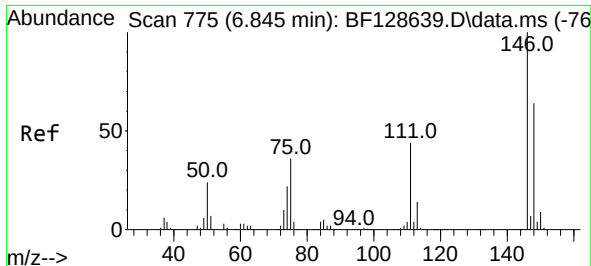
Ion Ratio Lower Upper

146 100

148 63.4 50.6 75.8

75 35.9 26.3 39.5

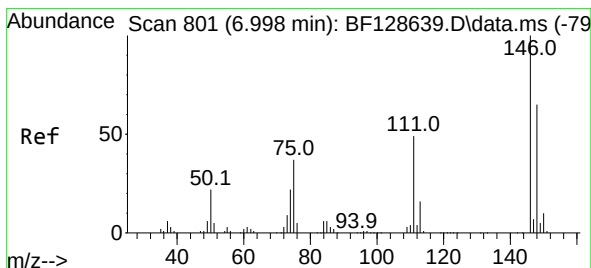
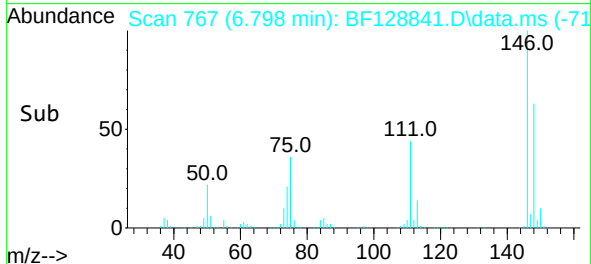
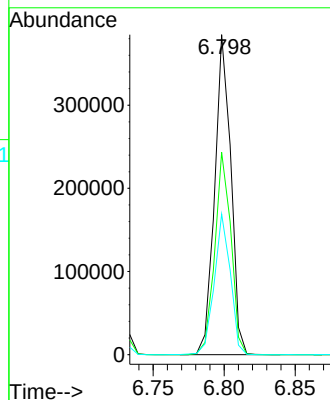
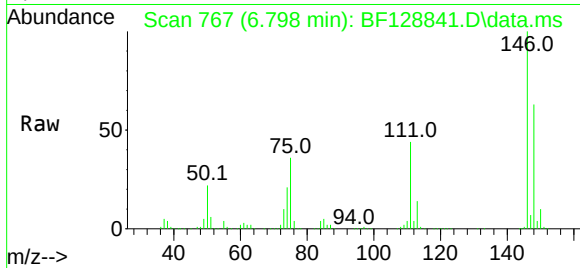




#13
1,4-Dichlorobenzene
Concen: 53.921 ng
RT: 6.798 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

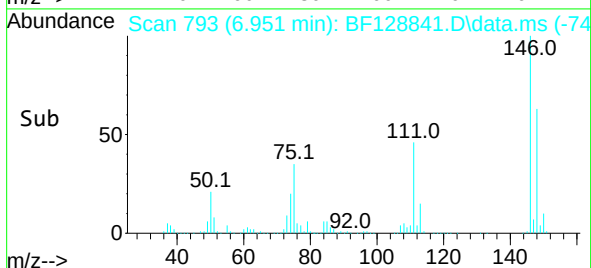
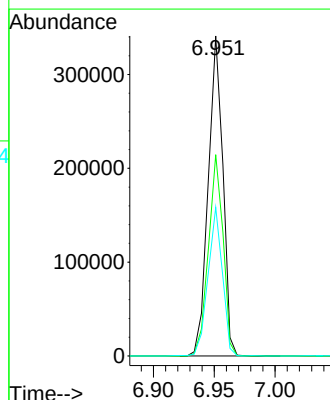
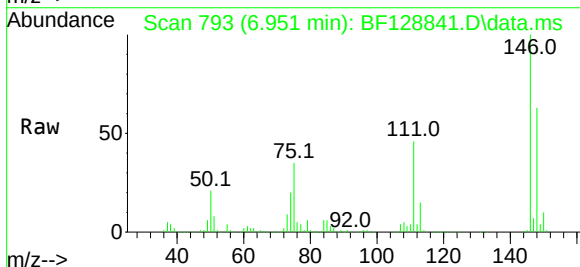
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)MSD

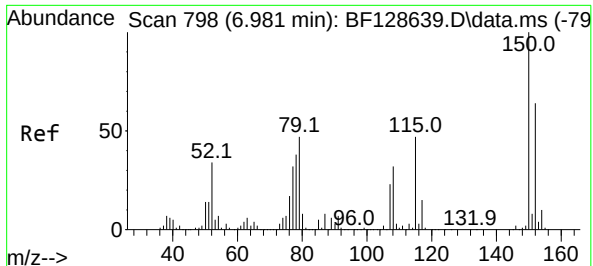
Tgt Ion:146 Resp: 303327
Ion Ratio Lower Upper
146 100
148 63.3 51.1 76.7
111 44.0 34.2 51.4



#14
1,2-Dichlorobenzene
Concen: 54.175 ng
RT: 6.951 min Scan# 793
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion:146 Resp: 285077
Ion Ratio Lower Upper
146 100
148 62.9 51.8 77.8
111 46.4 35.1 52.7





#15

Benzyl Alcohol

Concen: 51.764 ng

RT: 6.934 min Scan# 79

Delta R.T. -0.000 min

Lab File: BF128841.D

Acq: 16 Jun 2022 16:02

Instrument :

BNA_F

ClientSampleId :

B-107-(9-10)MSD

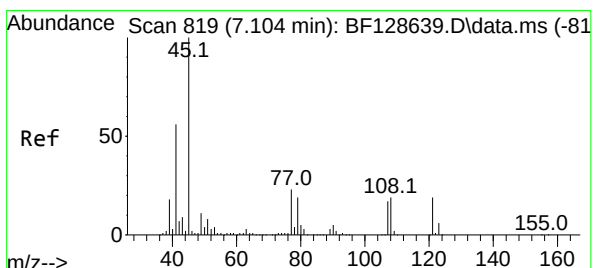
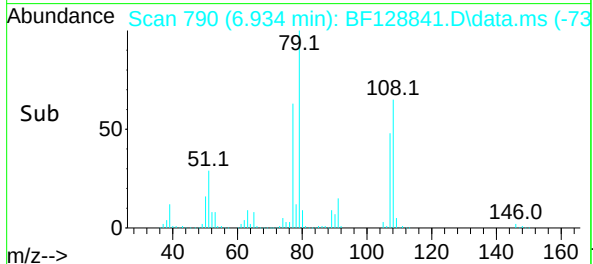
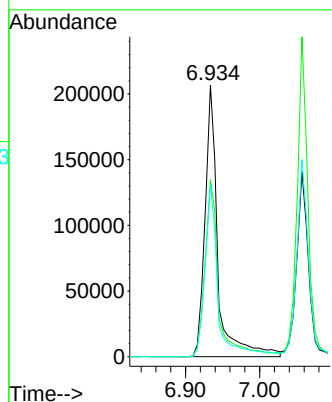
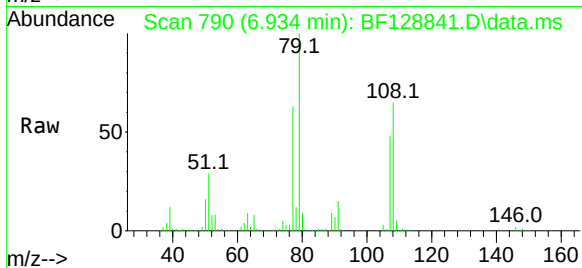
Tgt Ion: 79 Resp: 248934

Ion Ratio Lower Upper

79 100

108 65.2 61.8 92.6

77 63.3 50.2 75.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.348 ng

RT: 7.057 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF128841.D

Acq: 16 Jun 2022 16:02

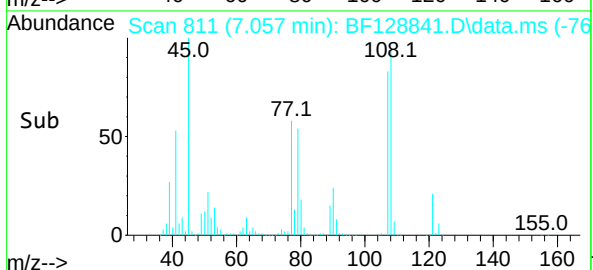
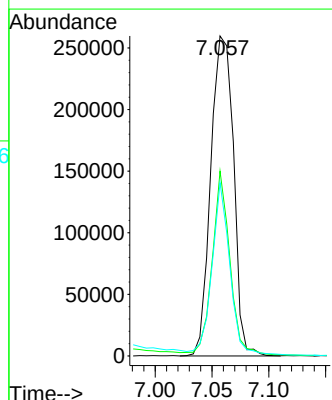
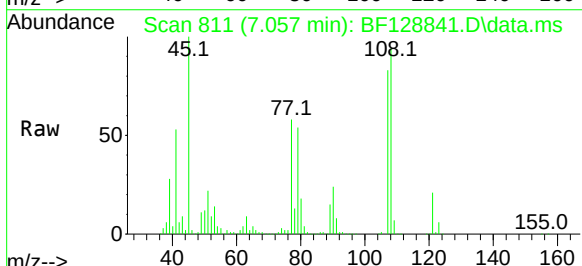
Tgt Ion: 45 Resp: 361974

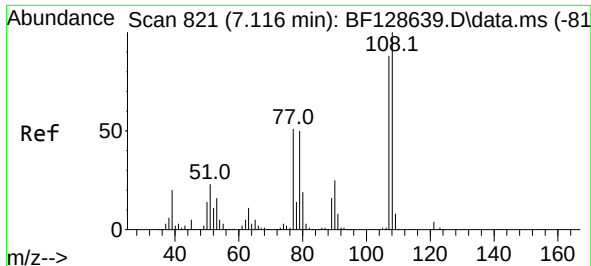
Ion Ratio Lower Upper

45 100

77 57.8 0.0 31.3#

79 54.2 0.0 28.3#





#17

2-Methylphenol

Concen: 57.720 ng

RT: 7.057 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF128841.D

Acq: 16 Jun 2022 16:02

Instrument :

BNA_F

ClientSampleId :

B-107-(9-10)MSD

Tgt Ion:107 Resp: 219793

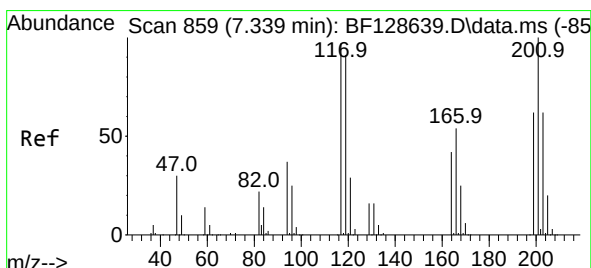
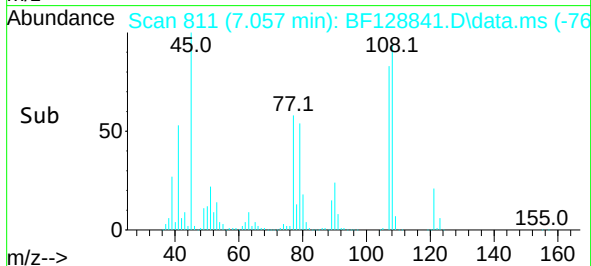
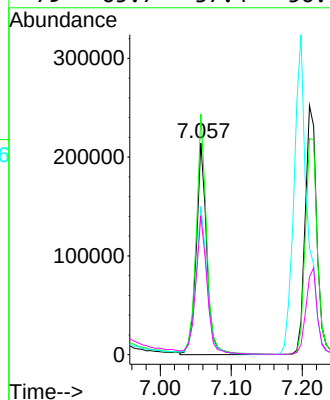
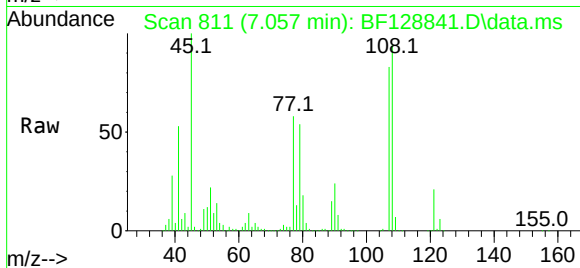
Ion Ratio Lower Upper

107 100

108 113.7 91.9 137.9

77 70.0 37.8 56.8#

79 65.7 37.4 56.0#



#18

Hexachloroethane

Concen: 53.363 ng

RT: 7.292 min Scan# 851

Delta R.T. -0.000 min

Lab File: BF128841.D

Acq: 16 Jun 2022 16:02

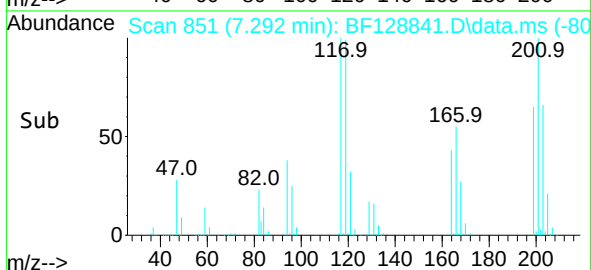
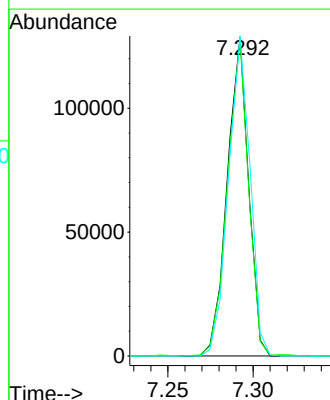
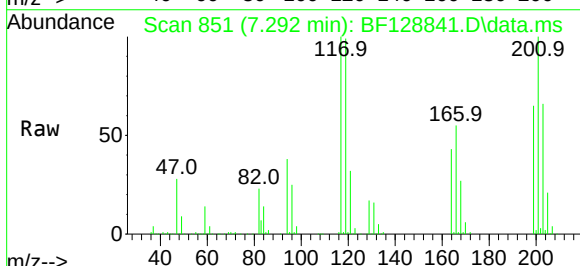
Tgt Ion:117 Resp: 111682

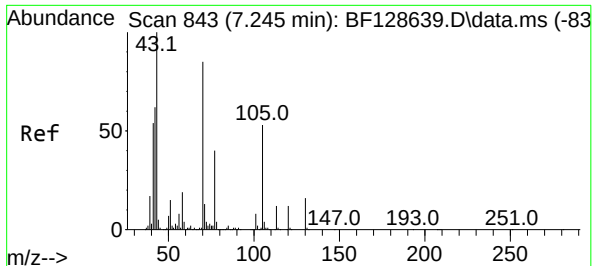
Ion Ratio Lower Upper

117 100

119 99.0 77.4 116.2

201 100.1 84.6 127.0

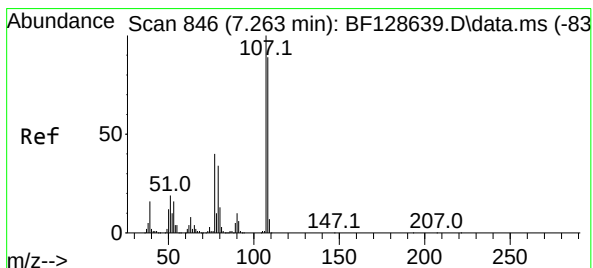
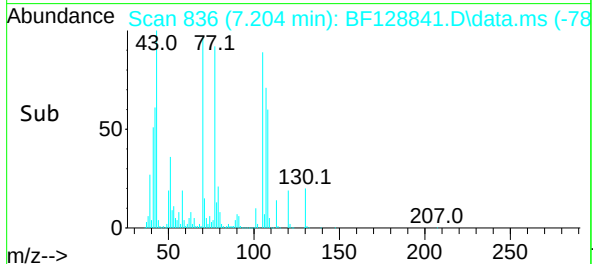
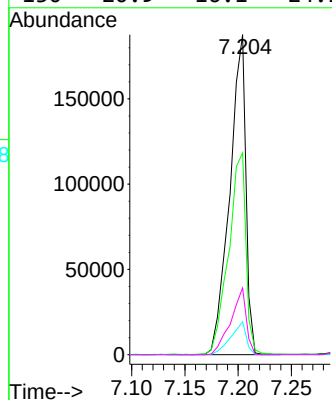
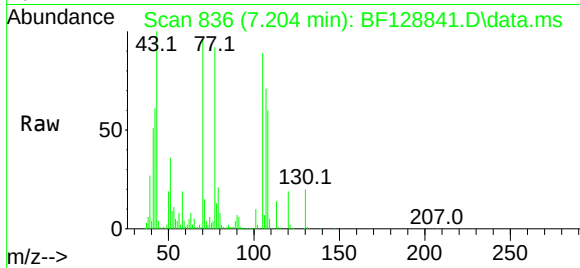




#19
n-Nitroso-di-n-propylamine
Concen: 55.364 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

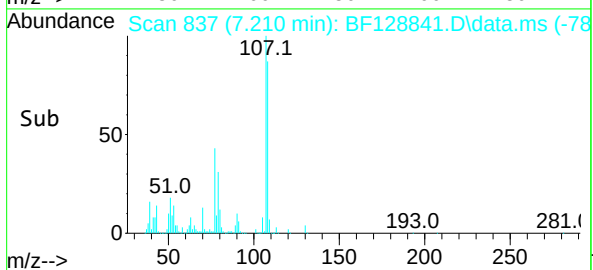
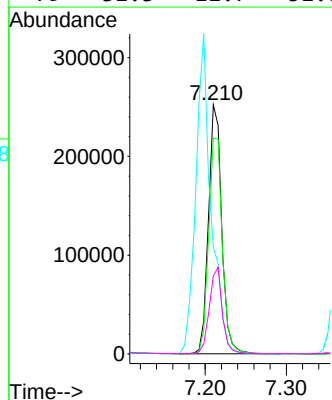
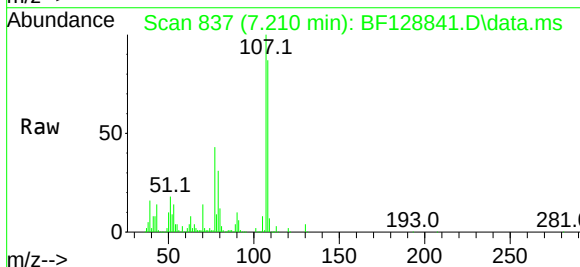
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)MSD

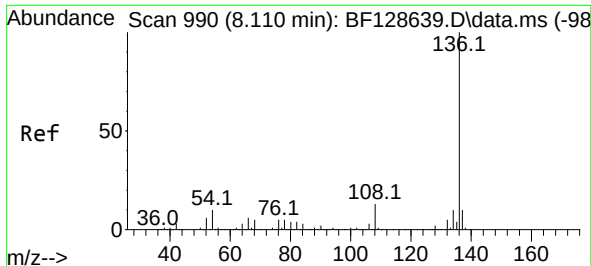
Tgt Ion: 70 Resp: 197852
Ion Ratio Lower Upper
70 100
42 63.1 52.3 78.5
101 10.3 7.5 11.3
130 20.9 16.1 24.1



#20
3+4-Methylphenols
Concen: 55.872 ng
RT: 7.210 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion:107 Resp: 284039
Ion Ratio Lower Upper
107 100
108 86.8 71.8 111.8
77 42.9 59.3 99.3#
79 31.3 11.7 51.7



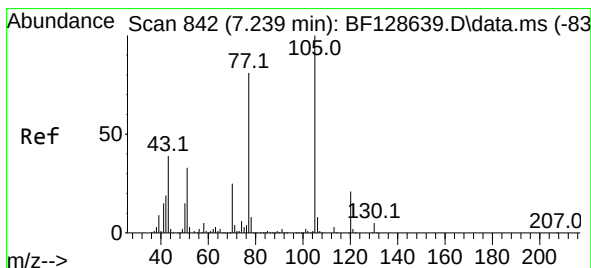
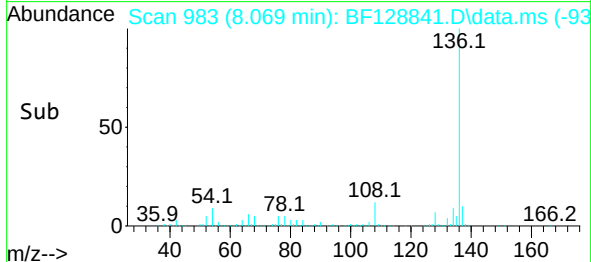
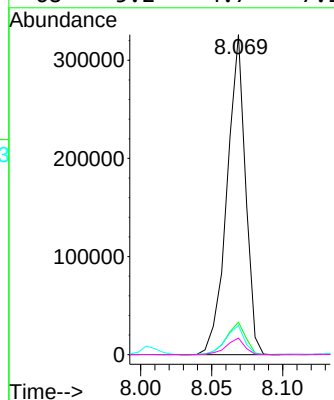
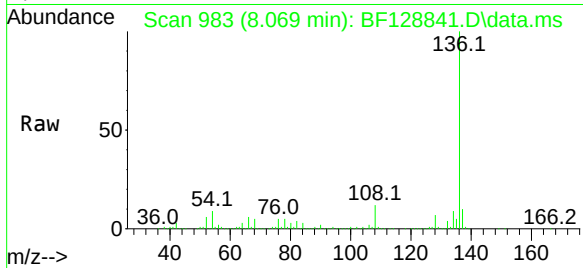


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)MSD

Tgt Ion:136 Resp: 295026

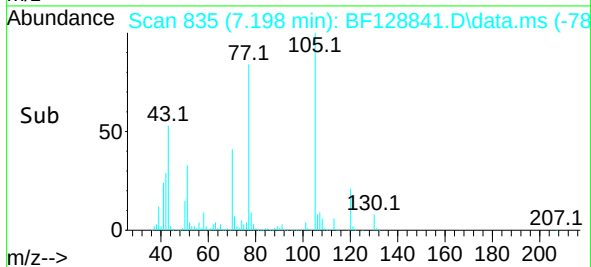
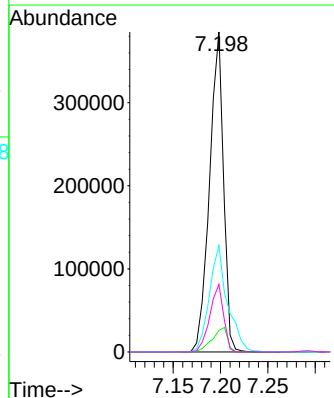
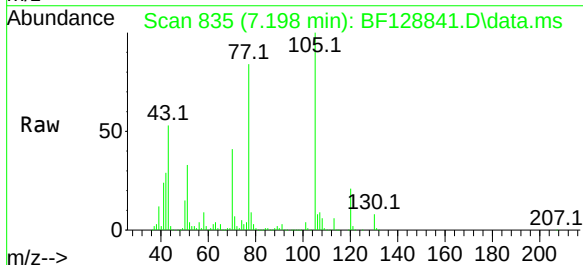
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	9.1	7.5	11.3
68	5.2	4.7	7.1

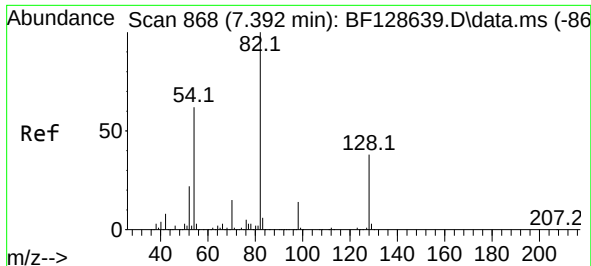


#22
Acetophenone
Concen: 51.115 ng
RT: 7.198 min Scan# 835
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion:105 Resp: 394415

Ion	Ratio	Lower	Upper
105	100		
71	6.8	5.0	7.4
51	33.3	25.0	37.4
120	21.1	17.8	26.8





#23

Nitrobenzene-d5

Concen: 71.568 ng

RT: 7.351 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF128841.D

Acq: 16 Jun 2022 16:02

Instrument :

BNA_F

ClientSampleId :

B-107-(9-10)MSD

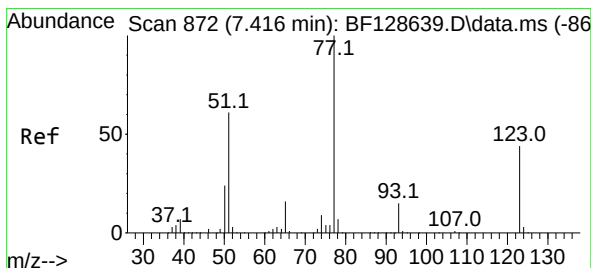
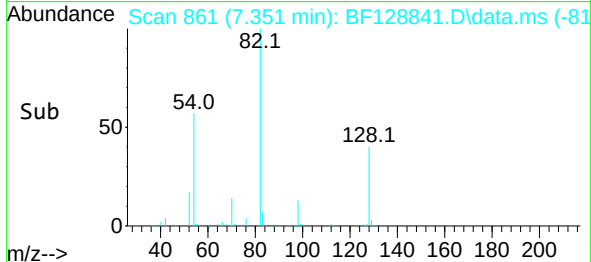
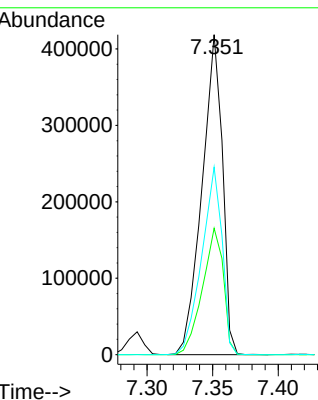
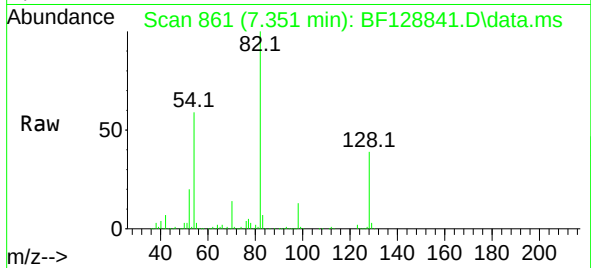
Tgt Ion: 82 Resp: 453502

Ion Ratio Lower Upper

82 100

128 39.5 34.0 51.0

54 58.6 46.9 70.3



#24

Nitrobenzene

Concen: 52.277 ng

RT: 7.369 min Scan# 864

Delta R.T. -0.000 min

Lab File: BF128841.D

Acq: 16 Jun 2022 16:02

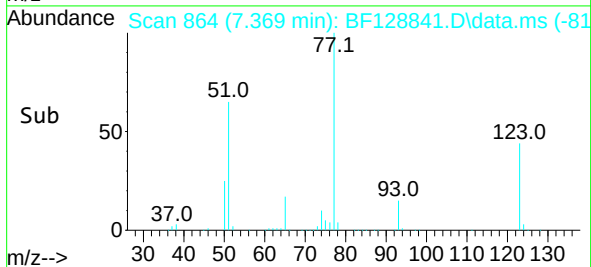
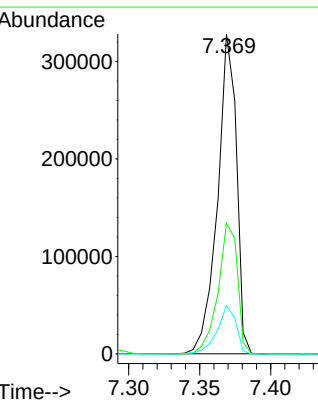
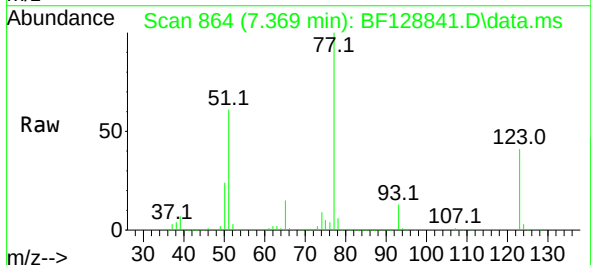
Tgt Ion: 77 Resp: 304120

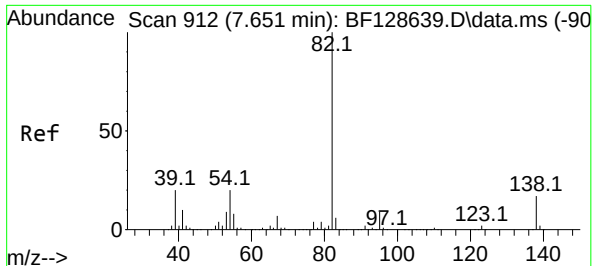
Ion Ratio Lower Upper

77 100

123 40.9 35.4 53.2

65 15.2 11.8 17.8

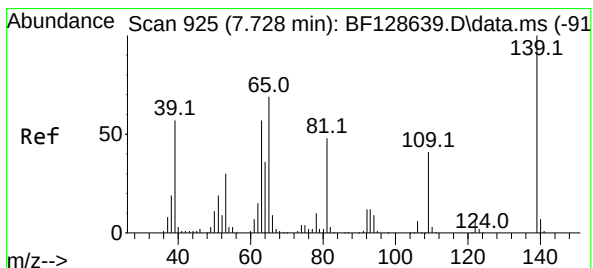
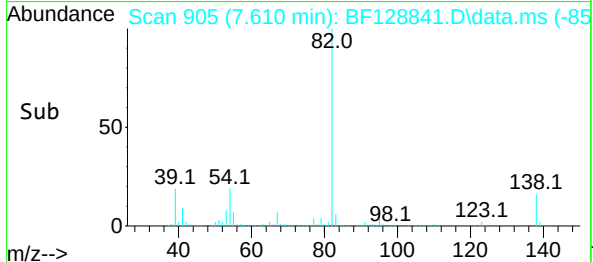
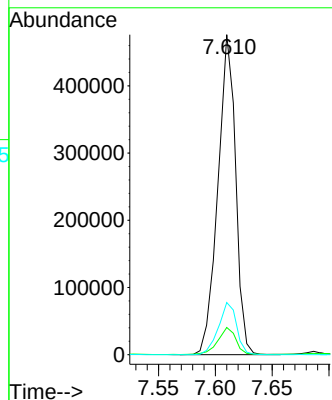
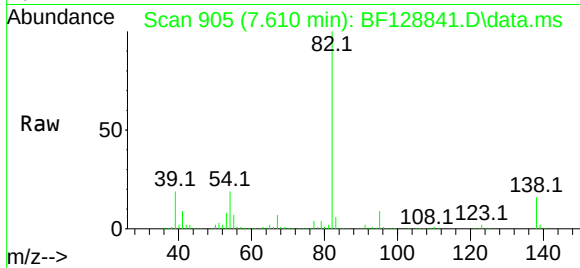




#25
Isophorone
Concen: 53.909 ng
RT: 7.610 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

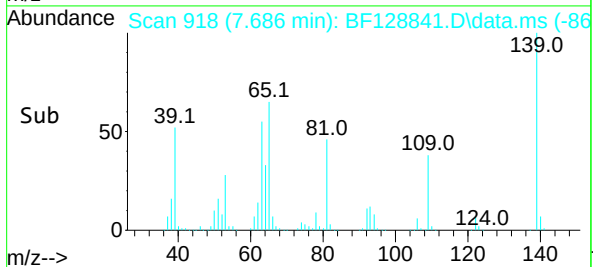
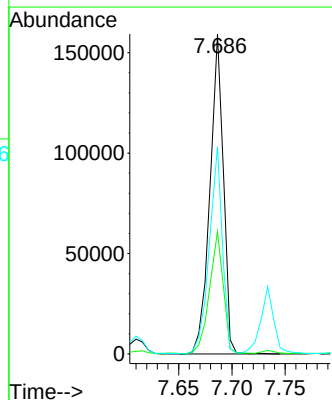
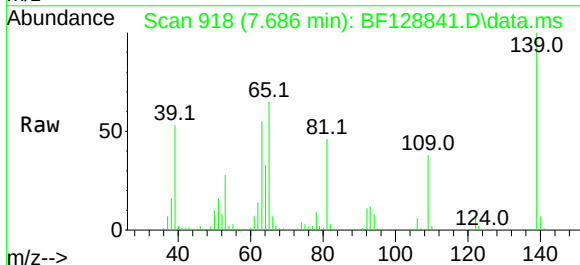
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)MSD

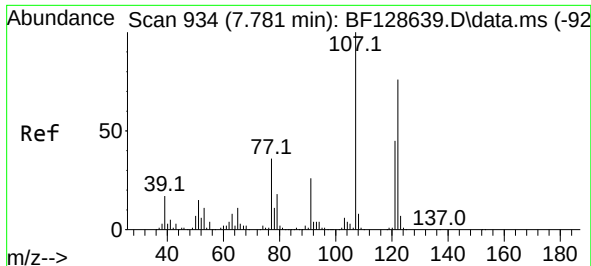
Tgt Ion: 82 Resp: 518823
Ion Ratio Lower Upper
82 100
95 8.5 5.7 8.5
138 16.3 14.2 21.2



#26
2-Nitrophenol
Concen: 54.713 ng
RT: 7.686 min Scan# 918
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion:139 Resp: 140239
Ion Ratio Lower Upper
139 100
109 38.3 25.0 37.4#
65 64.8 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 61.513 ng

RT: 7.734 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF128841.D

Acq: 16 Jun 2022 16:02

Instrument :

BNA_F

ClientSampleId :

B-107-(9-10)MSD

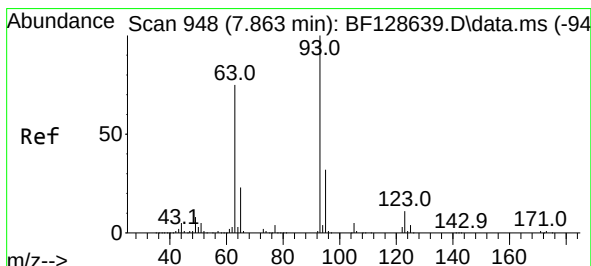
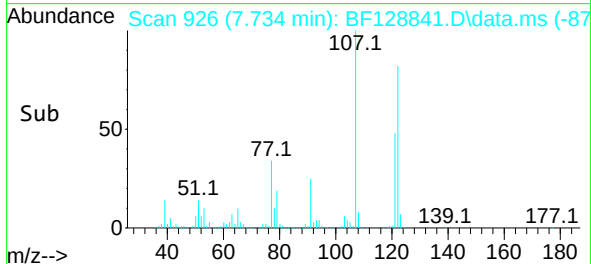
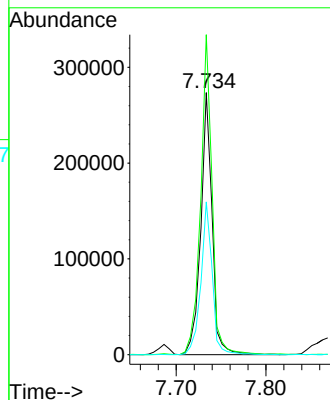
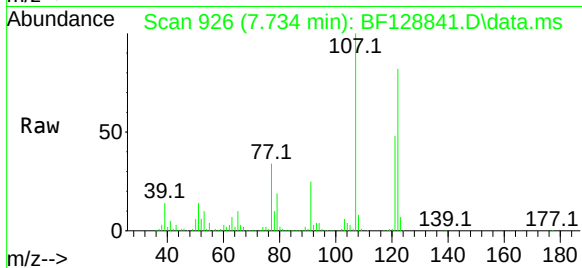
Tgt Ion:122 Resp: 240173

Ion Ratio Lower Upper

122 100

107 122.1 93.0 139.6

121 58.3 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 48.992 ng

RT: 7.822 min Scan# 941

Delta R.T. -0.000 min

Lab File: BF128841.D

Acq: 16 Jun 2022 16:02

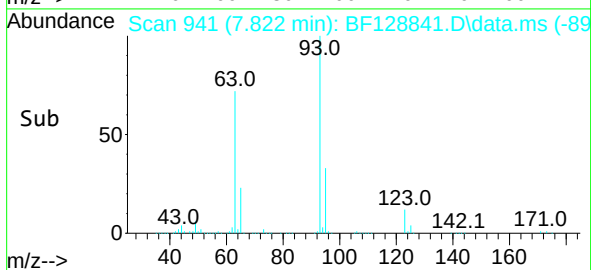
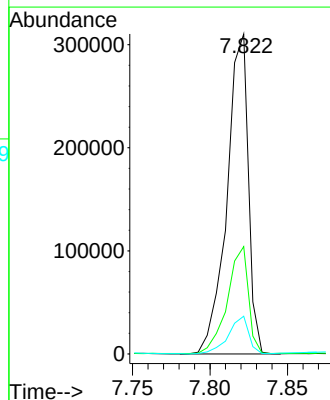
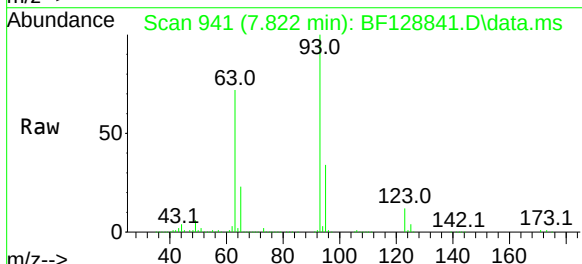
Tgt Ion: 93 Resp: 298061

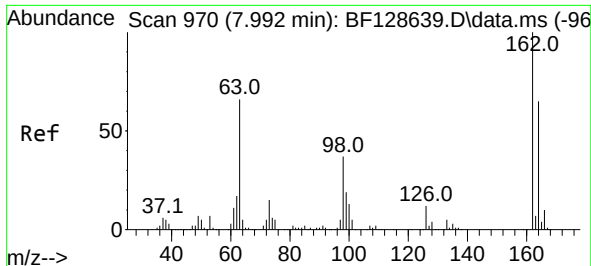
Ion Ratio Lower Upper

93 100

95 33.6 26.8 40.2

123 11.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 50.147 ng

RT: 7.939 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF128841.D

Acq: 16 Jun 2022 16:02

Instrument :

BNA_F

ClientSampleId :

B-107-(9-10)MSD

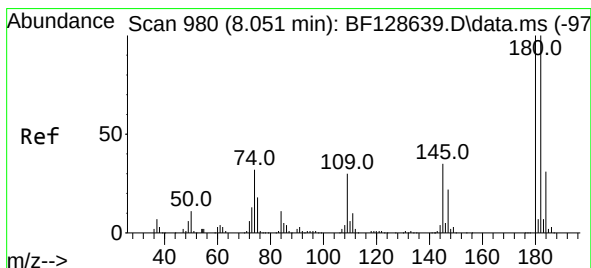
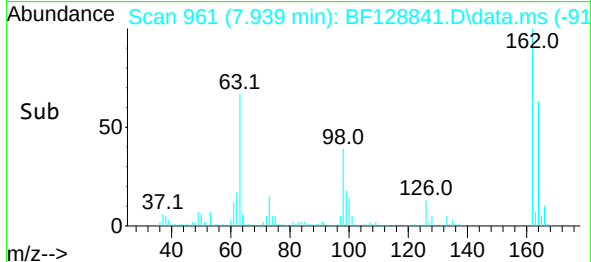
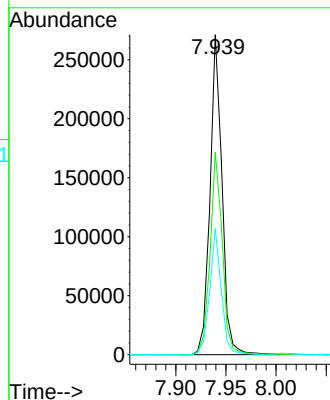
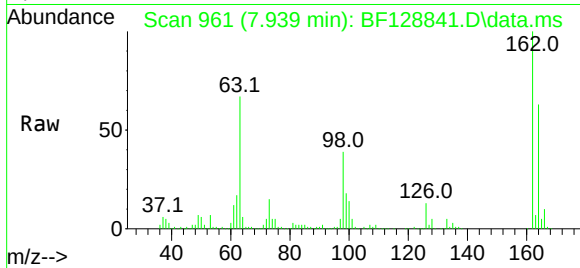
Tgt Ion:162 Resp: 226614

Ion Ratio Lower Upper

162 100

164 63.3 44.2 84.2

98 39.4 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 48.855 ng

RT: 8.010 min Scan# 973

Delta R.T. -0.000 min

Lab File: BF128841.D

Acq: 16 Jun 2022 16:02

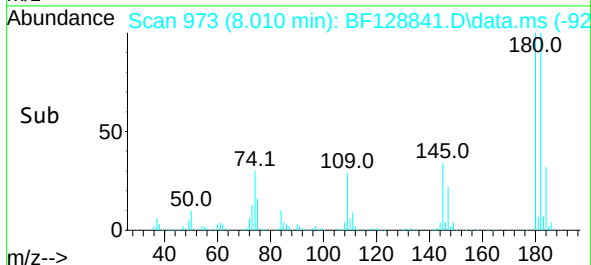
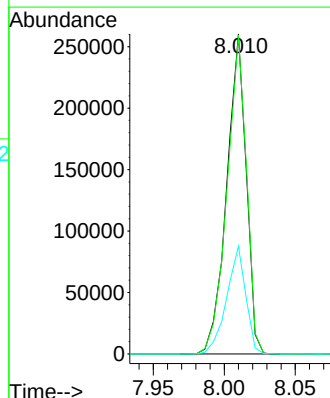
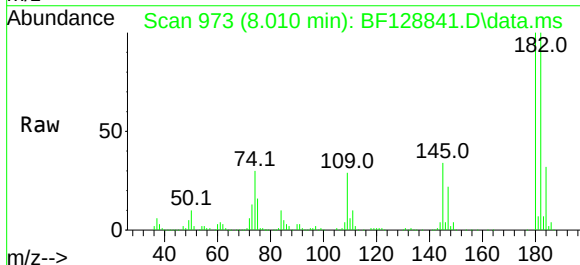
Tgt Ion:180 Resp: 248588

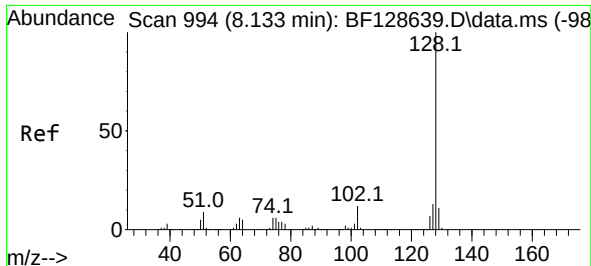
Ion Ratio Lower Upper

180 100

182 99.5 79.2 118.8

145 33.7 26.2 39.2

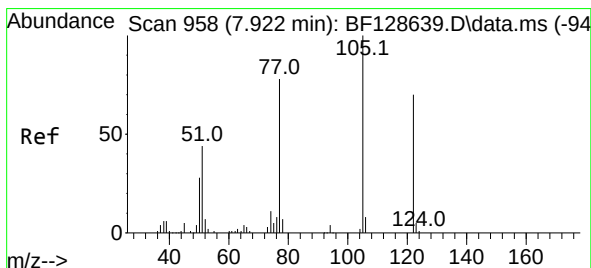
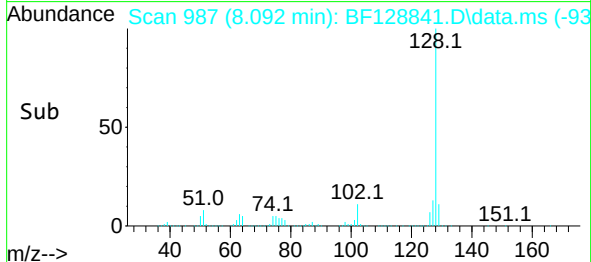
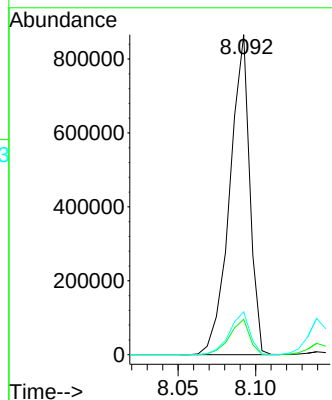
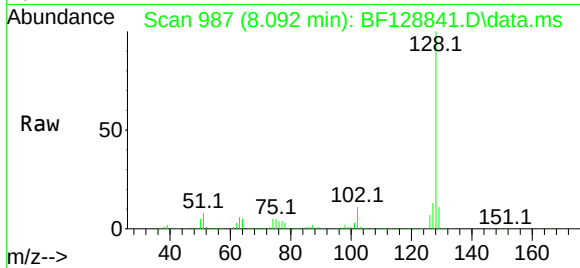




#31
Naphthalene
Concen: 51.243 ng
RT: 8.092 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

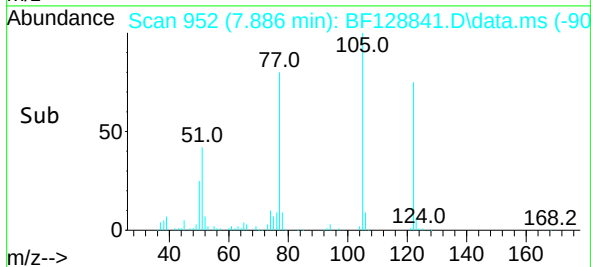
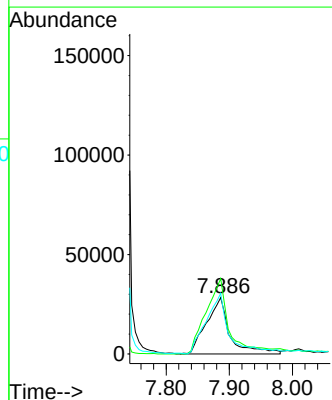
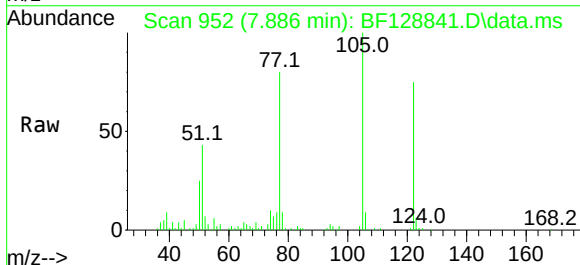
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)MSD

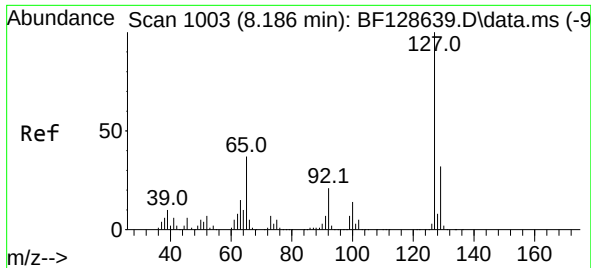
Tgt Ion:128 Resp: 775865
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 26.465 ng
RT: 7.886 min Scan# 952
Delta R.T. 0.006 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion:122 Resp: 73310
Ion Ratio Lower Upper
122 100
105 133.6 107.1 147.1
77 107.6 74.2 114.2

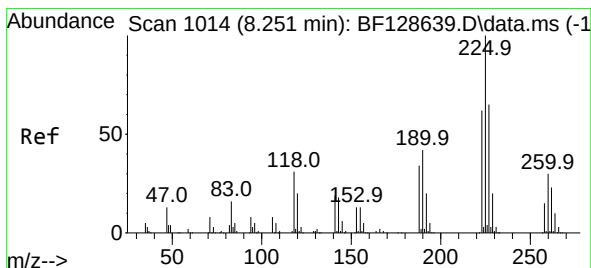
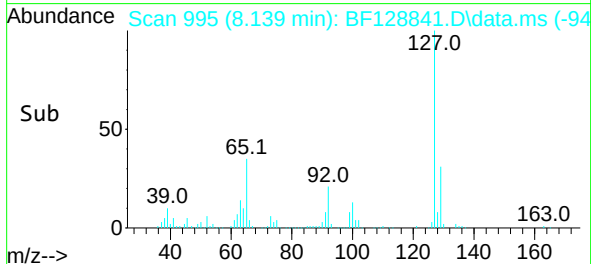
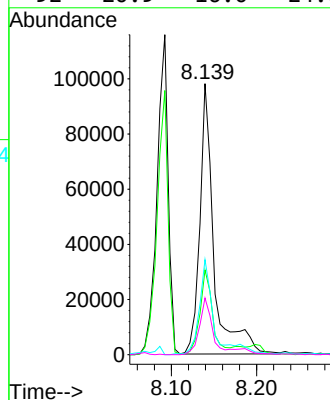
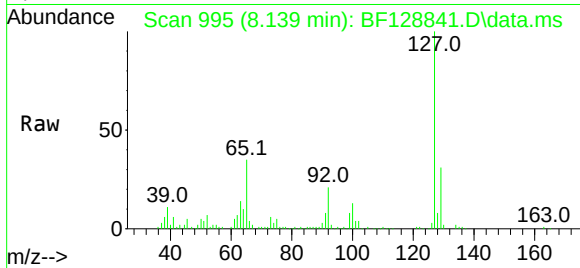




#33
4-Chloroaniline
Concen: 19.844 ng
RT: 8.139 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

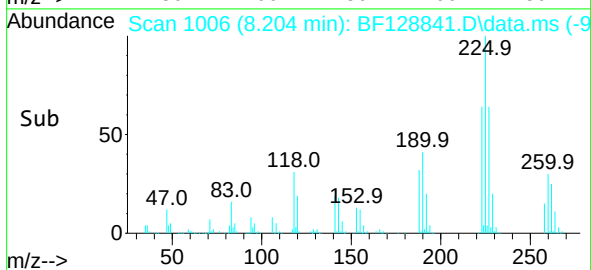
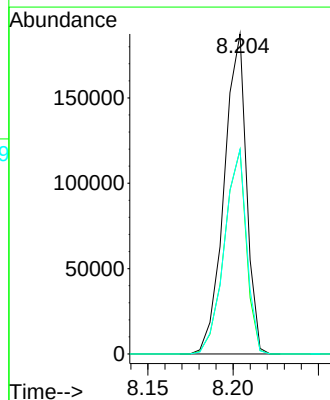
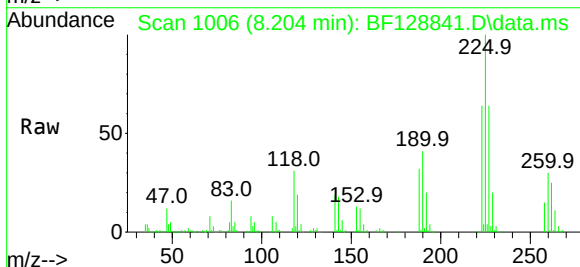
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)MSD

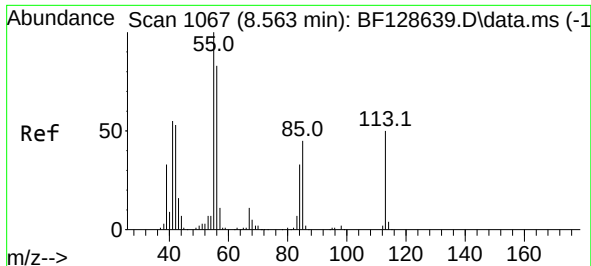
Tgt Ion:	127	Resp:	113282
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.4	39.6
65	35.1	26.4	39.6
92	20.9	16.0	24.0



#34
Hexachlorobutadiene
Concen: 47.211 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion:	225	Resp:	170365
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.0	76.6
227	63.9	51.1	76.7

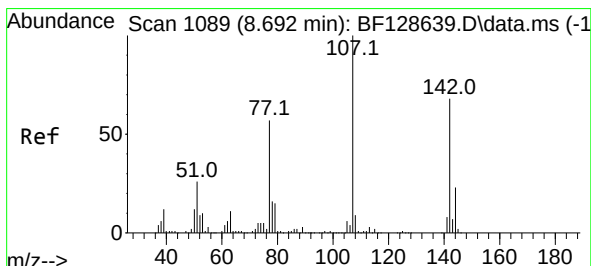
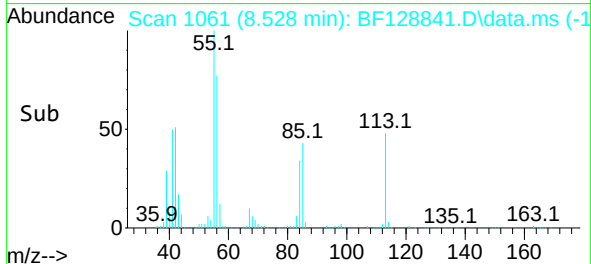
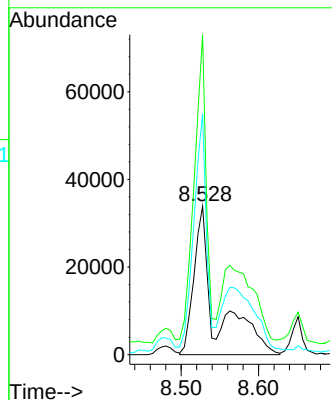
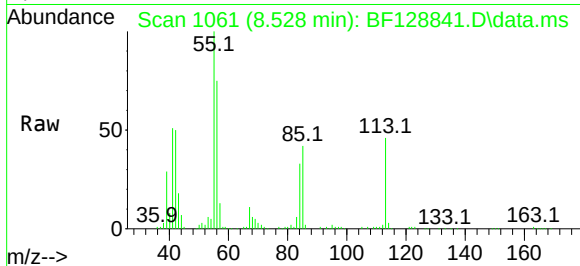




#35
 Caprolactam
 Concen: 54.298 ng m
 RT: 8.528 min Scan# 1061
 Delta R.T. -0.000 min
 Lab File: BF128841.D
 Acq: 16 Jun 2022 16:02

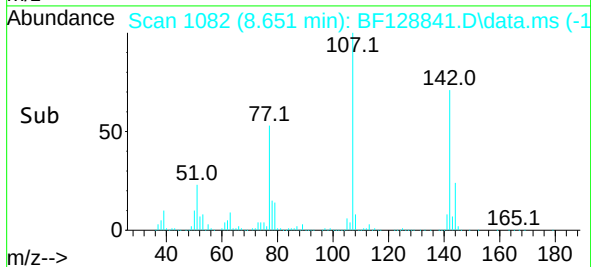
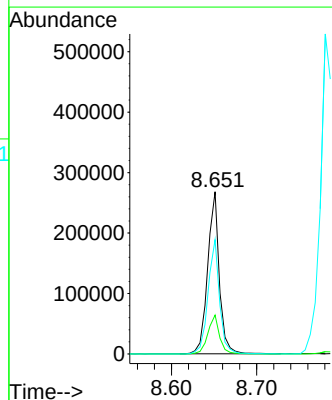
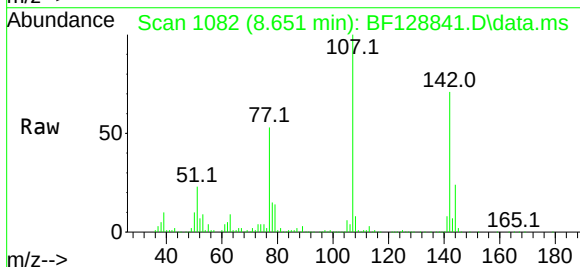
Instrument :
 BNA_F
 ClientSampleId :
 B-107-(9-10)MSD

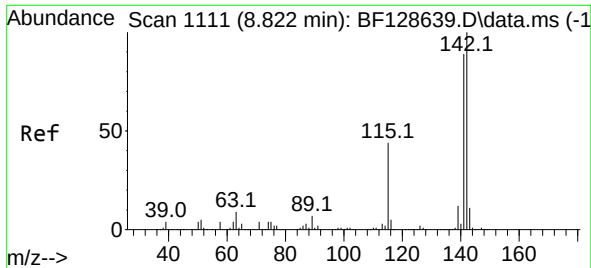
Tgt Ion:113 Resp: 67851
 Ion Ratio Lower Upper
 113 100
 55 215.4 188.5 228.5
 56 162.2 130.6 170.6



#36
 4-Chloro-3-methylphenol
 Concen: 51.661 ng
 RT: 8.651 min Scan# 1082
 Delta R.T. 0.006 min
 Lab File: BF128841.D
 Acq: 16 Jun 2022 16:02

Tgt Ion:107 Resp: 254777
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.5 29.3
 142 70.5 58.2 87.4





#37

2-Methylnaphthalene

Concen: 51.858 ng

RT: 8.780 min Scan# 1111

Delta R.T. -0.000 min

Lab File: BF128841.D

Acq: 16 Jun 2022 16:02

Instrument :

BNA_F

ClientSampleId :

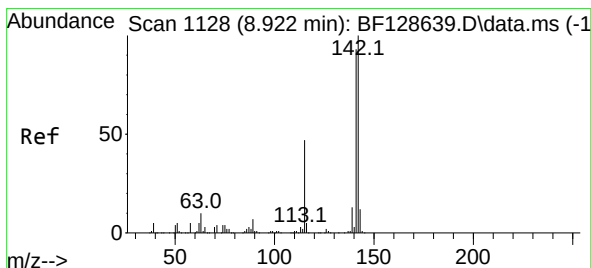
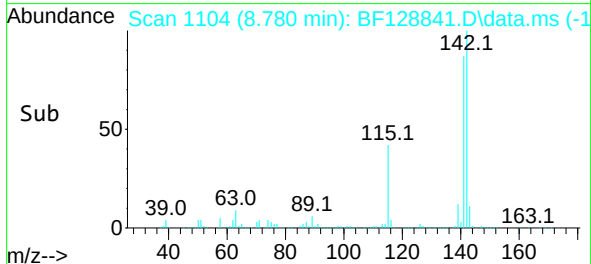
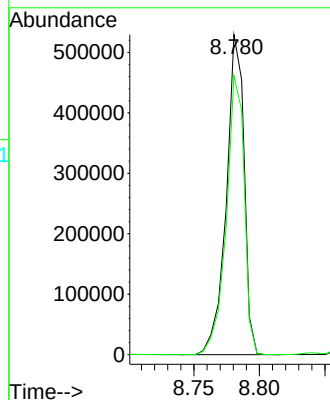
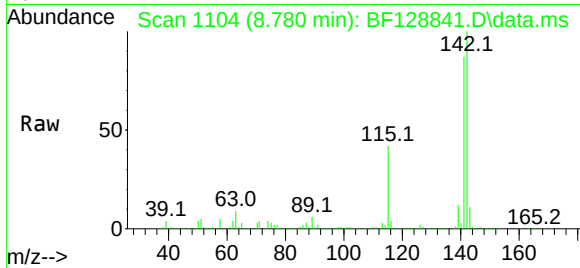
B-107-(9-10)MSD

Tgt Ion:142 Resp: 499412

Ion Ratio Lower Upper

142 100

141 87.2 71.0 106.4



#38

1-Methylnaphthalene

Concen: 50.752 ng

RT: 8.880 min Scan# 1121

Delta R.T. -0.000 min

Lab File: BF128841.D

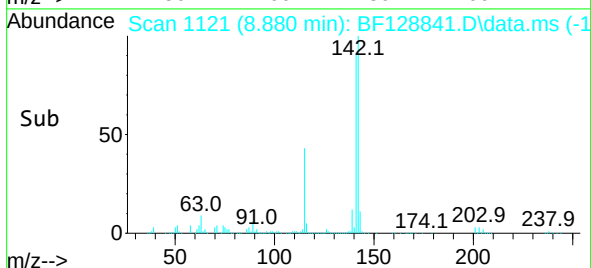
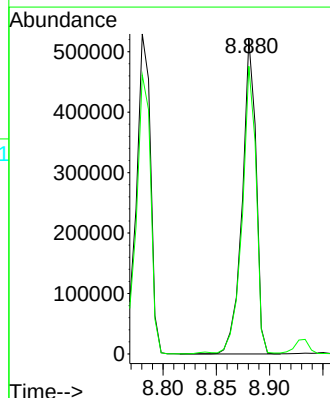
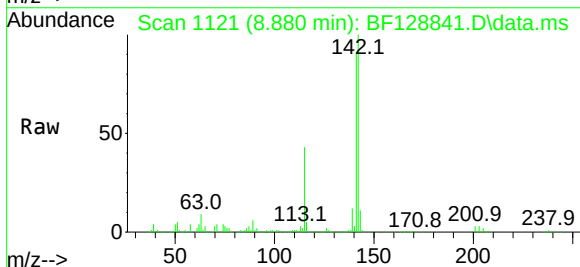
Acq: 16 Jun 2022 16:02

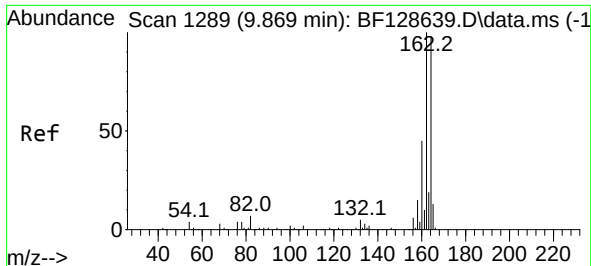
Tgt Ion:142 Resp: 472221

Ion Ratio Lower Upper

142 100

141 91.4 74.2 111.4

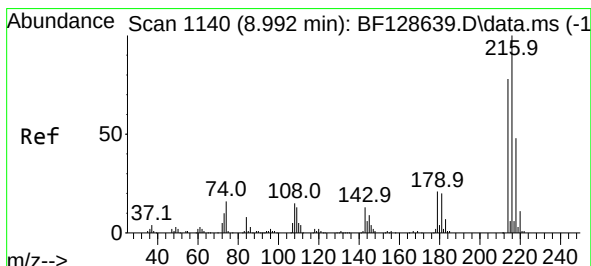
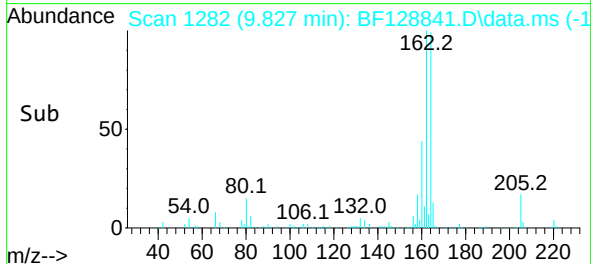
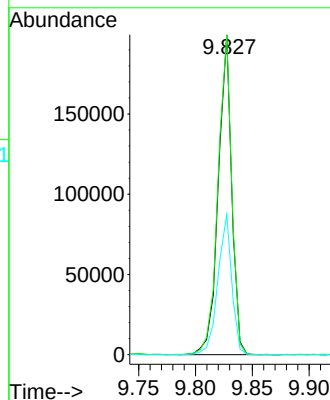
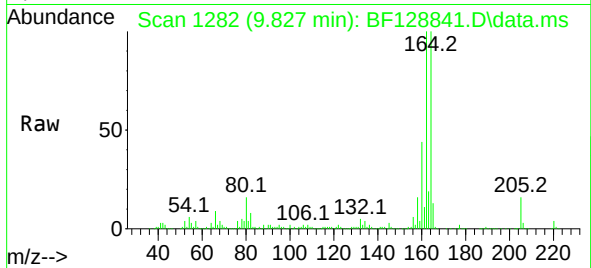




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

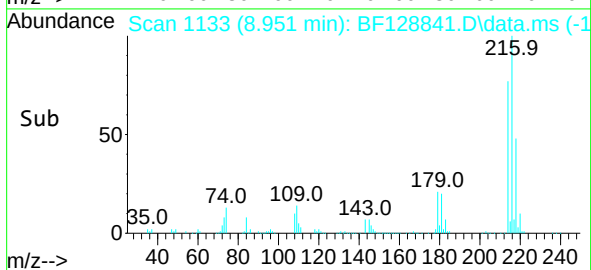
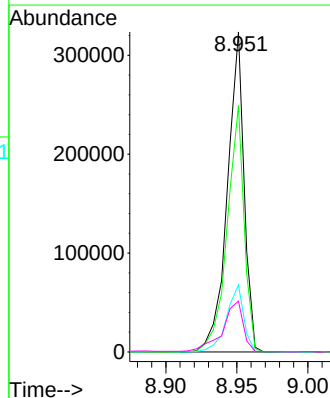
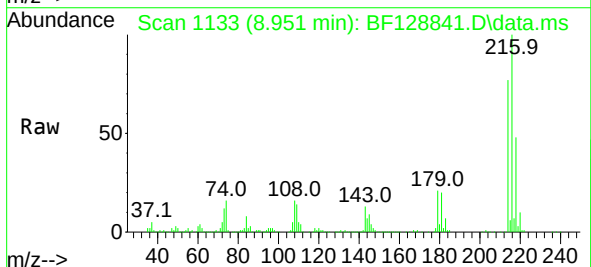
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)MSD

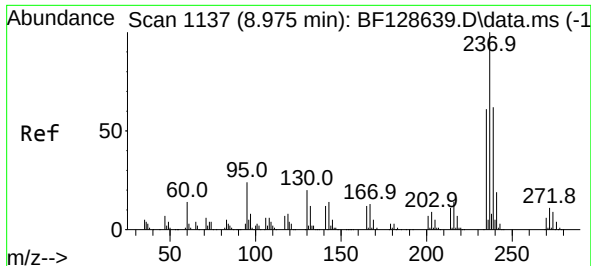
Tgt Ion:164 Resp: 164533
Ion Ratio Lower Upper
164 100
162 100.1 79.5 119.3
160 43.9 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.931 ng
RT: 8.951 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion:216 Resp: 265363
Ion Ratio Lower Upper
216 100
214 78.0 63.6 95.4
179 21.6 17.0 25.6
108 19.9 16.0 24.0

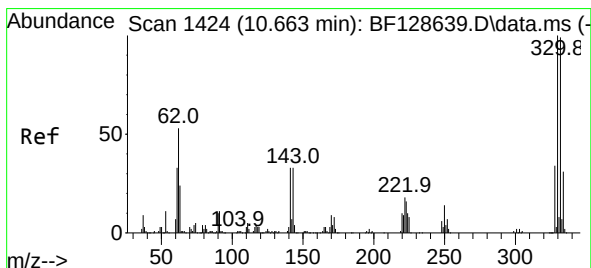
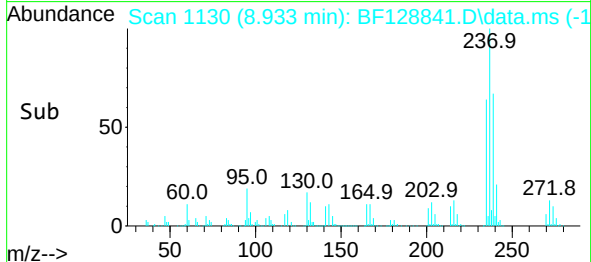
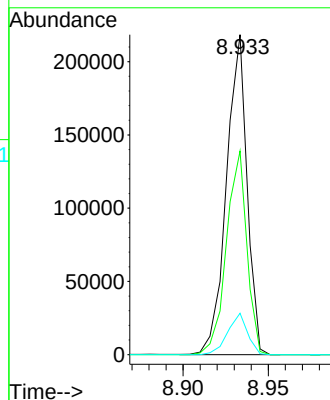
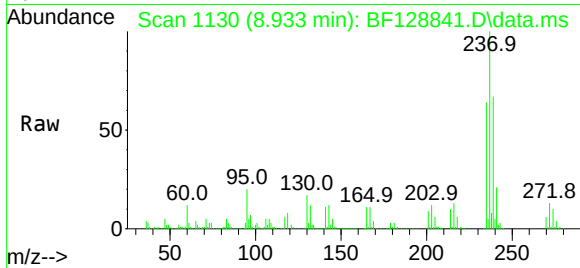




#41
Hexachlorocyclopentadiene
Concen: 59.949 ng
RT: 8.933 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

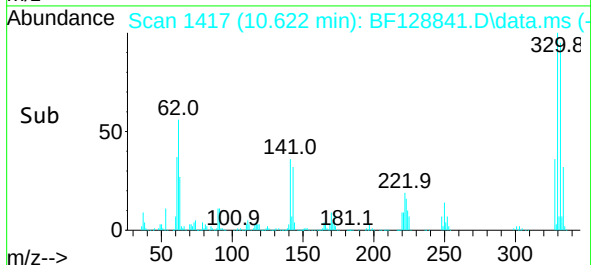
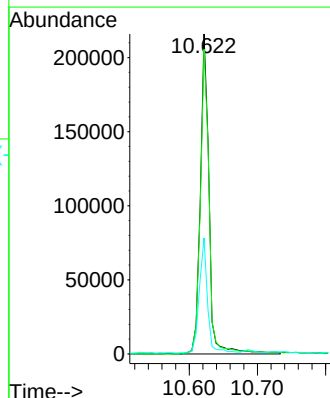
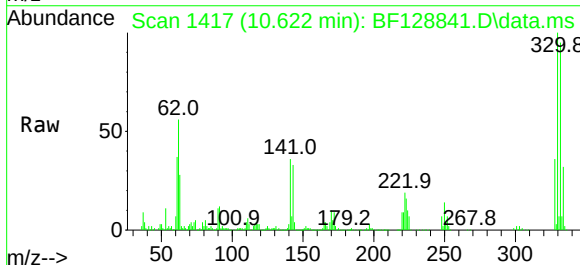
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)MSD

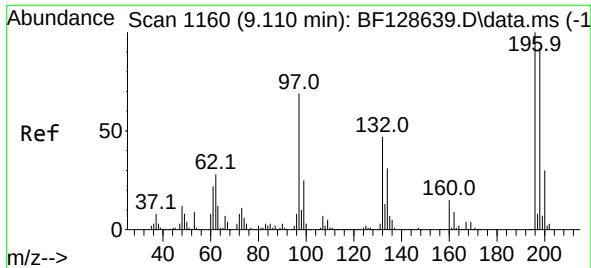
Tgt Ion:237 Resp: 184137
Ion Ratio Lower Upper
237 100
235 63.7 43.2 83.2
272 12.9 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 98.754 ng
RT: 10.622 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion:330 Resp: 191982
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 34.0 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 45.169 ng

RT: 9.069 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF128841.D

Acq: 16 Jun 2022 16:02

Instrument :

BNA_F

ClientSampleId :

B-107-(9-10)MSD

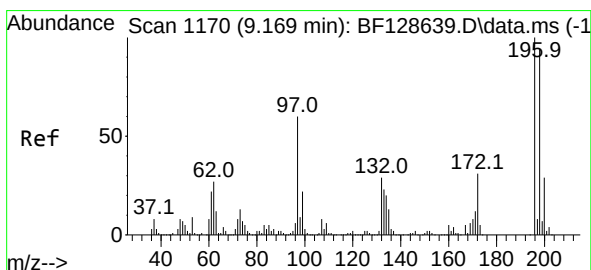
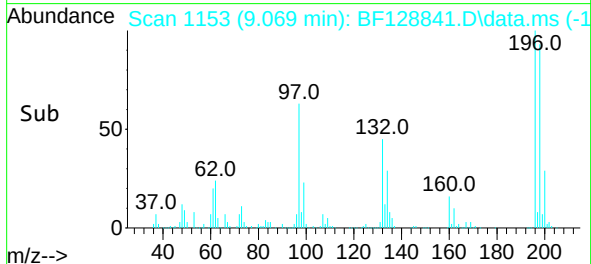
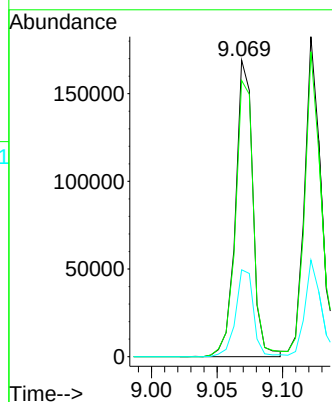
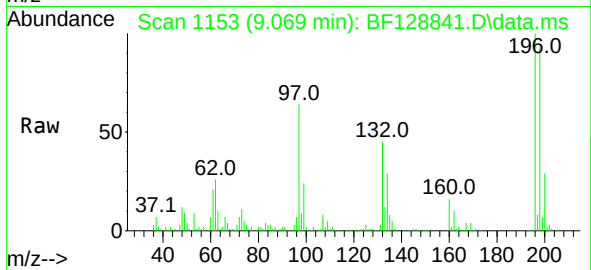
Tgt Ion:196 Resp: 156084

Ion Ratio Lower Upper

196 100

198 93.1 74.0 111.0

200 29.3 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 46.290 ng

RT: 9.122 min Scan# 1162

Delta R.T. -0.000 min

Lab File: BF128841.D

Acq: 16 Jun 2022 16:02

Tgt Ion:196 Resp: 165306

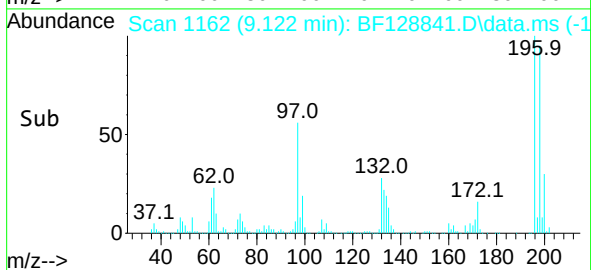
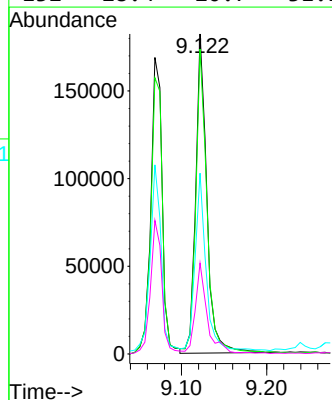
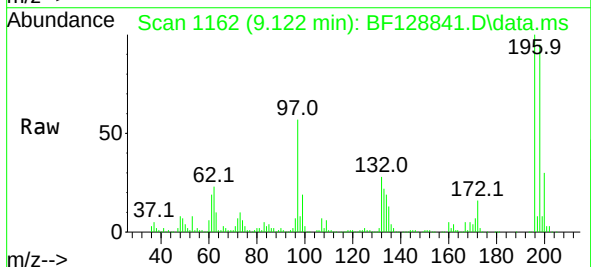
Ion Ratio Lower Upper

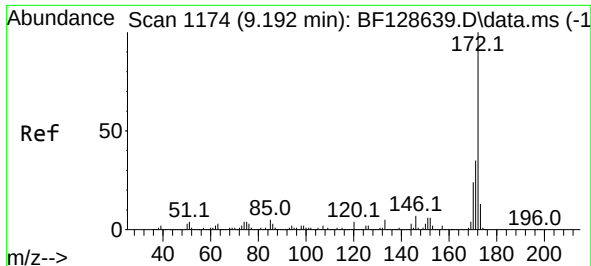
196 100

198 95.3 75.7 113.5

97 56.5 36.4 54.6#

132 28.4 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 70.931 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF128841.D

Acq: 16 Jun 2022 16:02

Instrument :

BNA_F

ClientSampleId :

B-107-(9-10)MSD

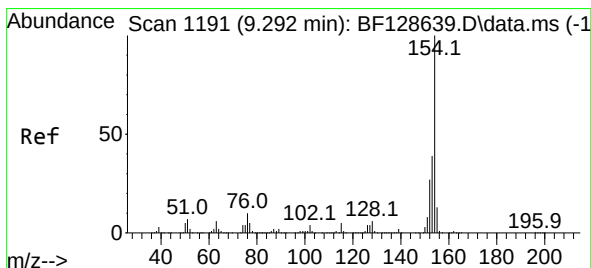
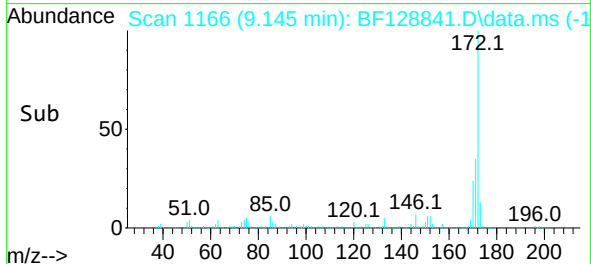
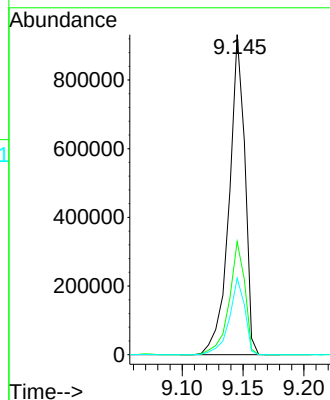
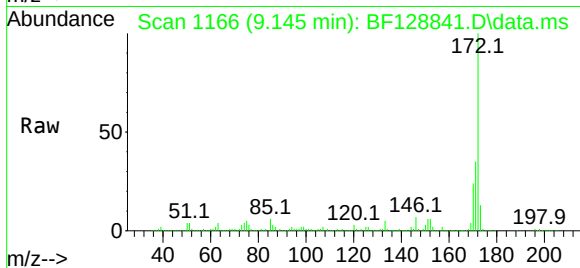
Tgt Ion:172 Resp: 833132

Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 24.0 19.8 29.8



#46

1,1'-Biphenyl

Concen: 51.068 ng

RT: 9.251 min Scan# 1184

Delta R.T. 0.006 min

Lab File: BF128841.D

Acq: 16 Jun 2022 16:02

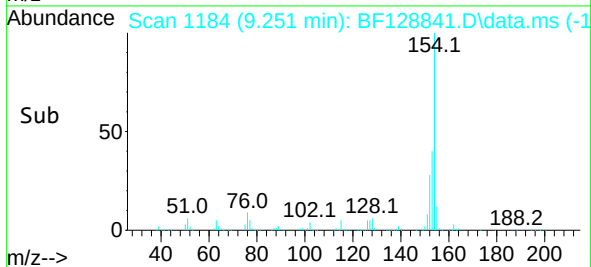
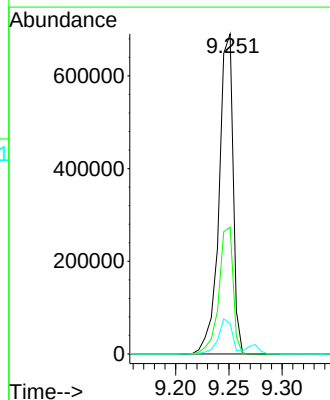
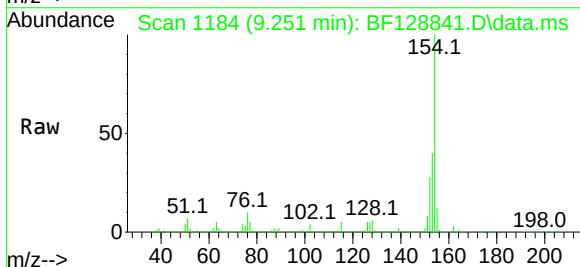
Tgt Ion:154 Resp: 630448

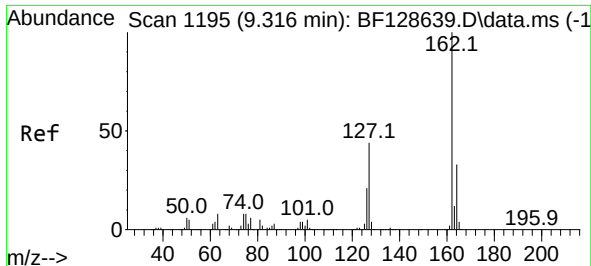
Ion Ratio Lower Upper

154 100

153 39.6 20.6 60.6

76 9.5 0.0 33.3

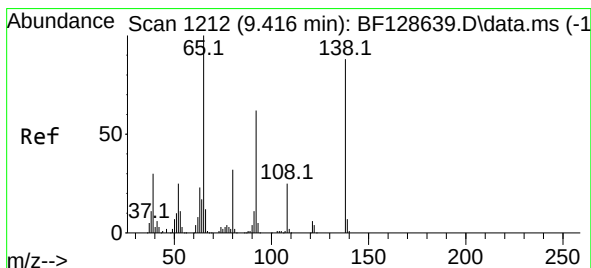
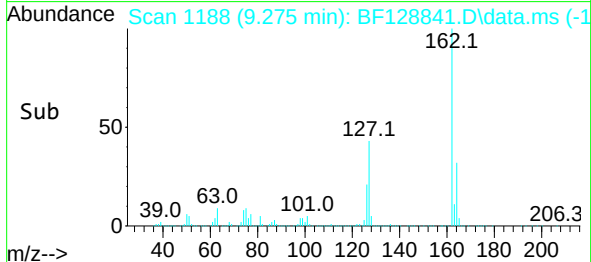
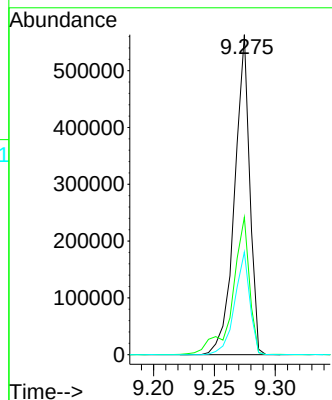
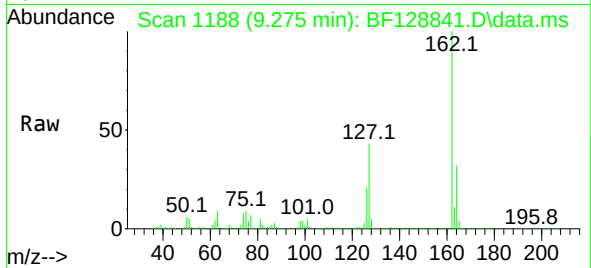




#47
2-Chloronaphthalene
Concen: 51.513 ng
RT: 9.275 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

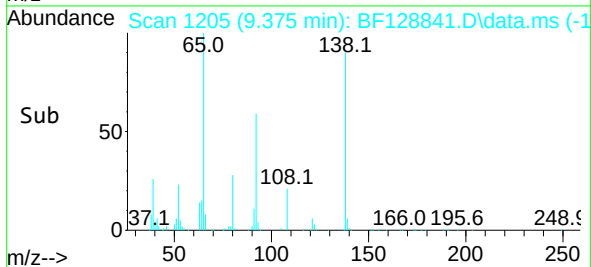
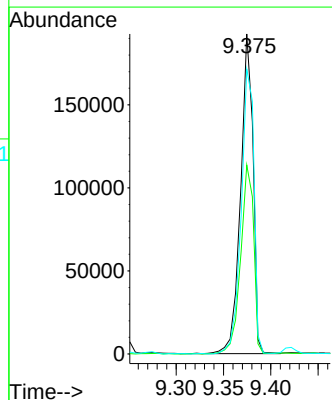
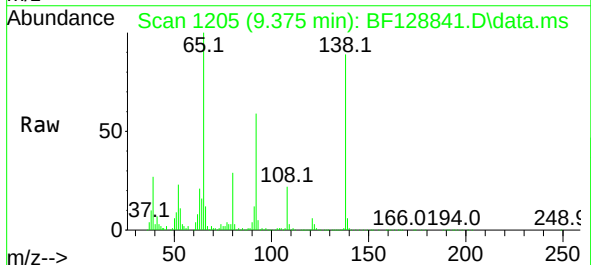
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)MSD

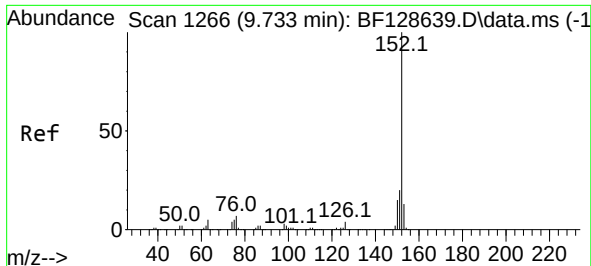
Tgt Ion:162 Resp: 485261
Ion Ratio Lower Upper
162 100
127 43.0 34.5 51.7
164 32.1 26.5 39.7



#48
2-Nitroaniline
Concen: 54.545 ng
RT: 9.375 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion: 65 Resp: 175703
Ion Ratio Lower Upper
65 100
92 59.0 51.9 77.9
138 89.0 76.4 114.6





#49

Acenaphthylene

Concen: 54.093 ng

RT: 9.692 min Scan# 1259

Delta R.T. 0.006 min

Lab File: BF128841.D

Acq: 16 Jun 2022 16:02

Instrument :

BNA_F

ClientSampleId :

B-107-(9-10)MSD

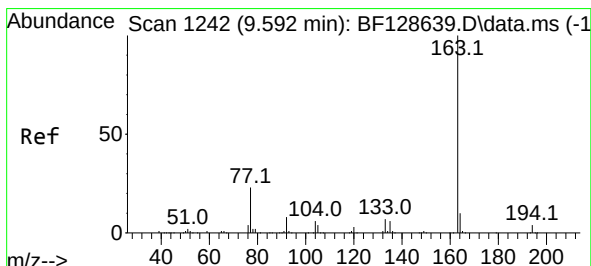
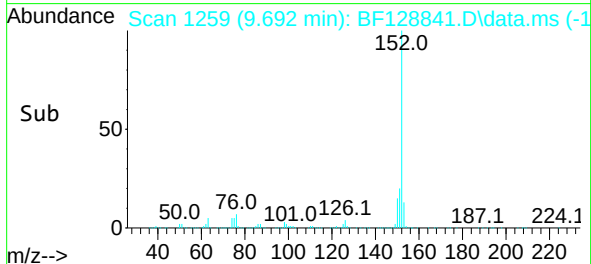
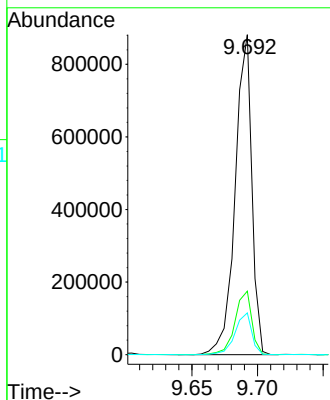
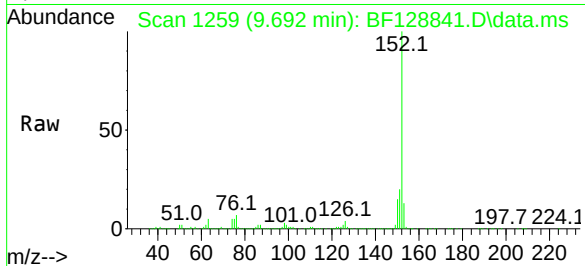
Tgt Ion:152 Resp: 780093

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

153 13.1 10.7 16.1



#50

Dimethylphthalate

Concen: 50.430 ng

RT: 9.551 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF128841.D

Acq: 16 Jun 2022 16:02

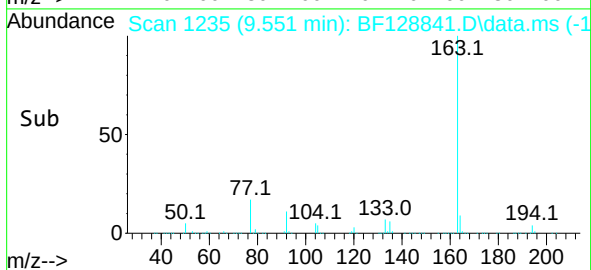
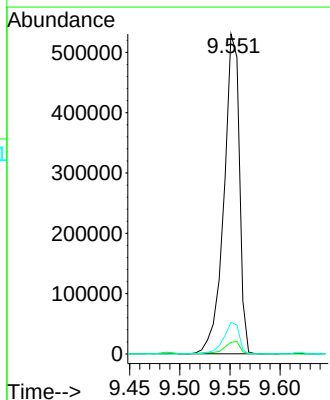
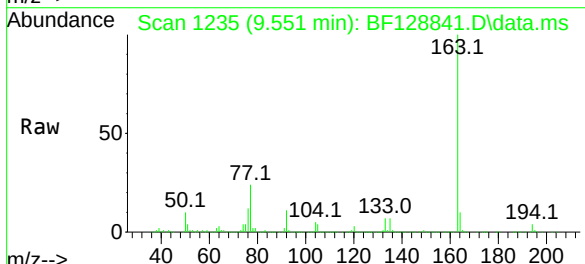
Tgt Ion:163 Resp: 567943

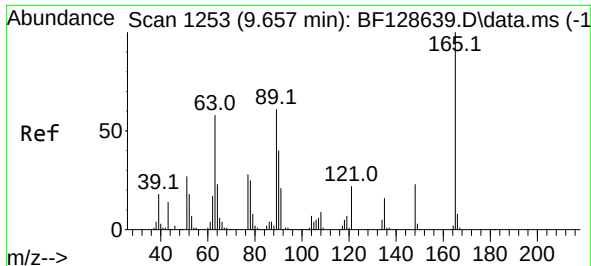
Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

164 9.9 8.2 12.2

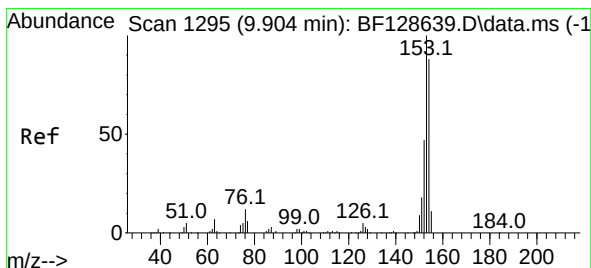
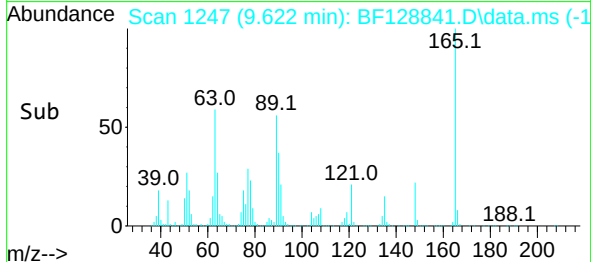
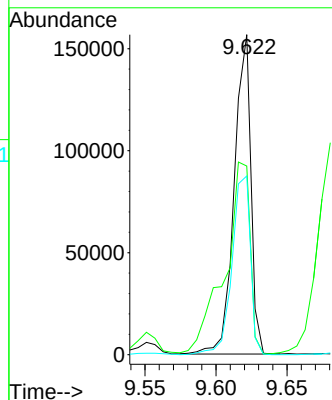
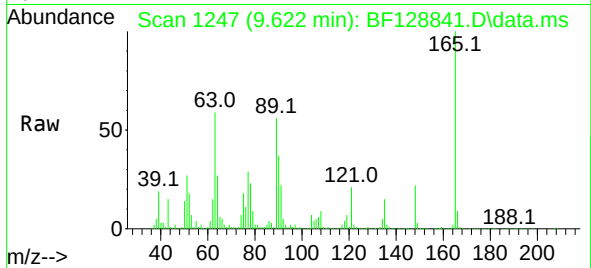




#51
2,6-Dinitrotoluene
Concen: 57.695 ng
RT: 9.622 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

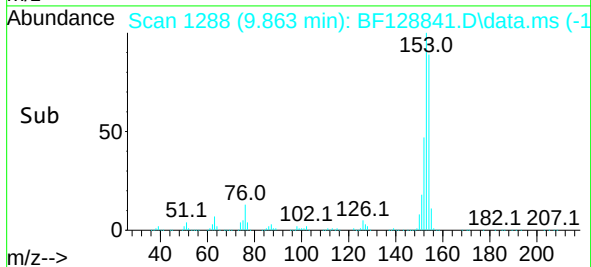
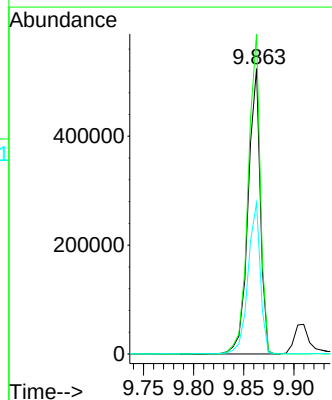
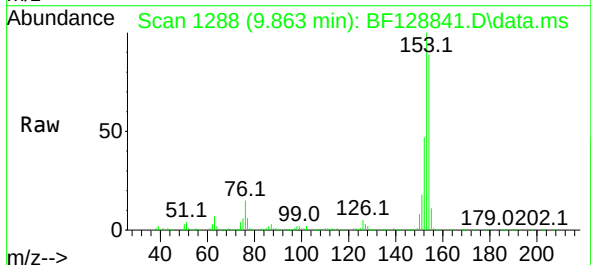
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)MSD

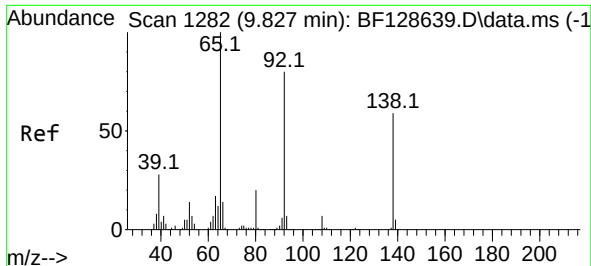
Tgt Ion:165 Resp: 128242
Ion Ratio Lower Upper
165 100
63 59.0 44.9 67.3
89 55.9 43.6 65.4



#52
Acenaphthene
Concen: 47.368 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion:154 Resp: 444854
Ion Ratio Lower Upper
154 100
153 112.2 89.6 134.4
152 52.9 42.4 63.6

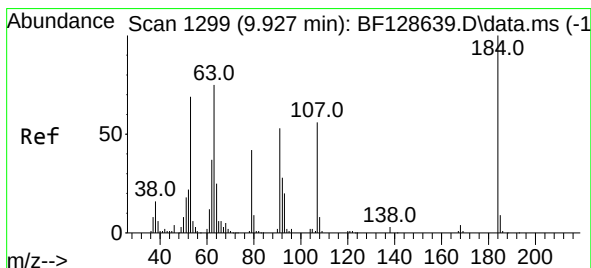
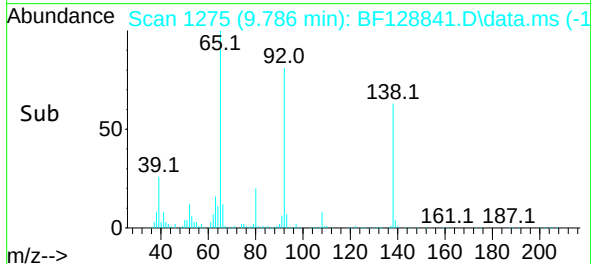
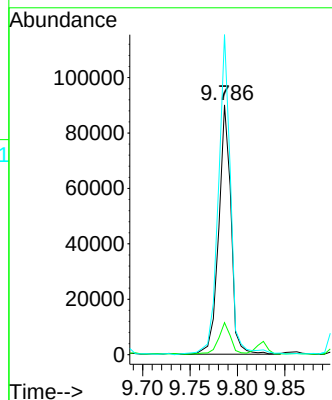
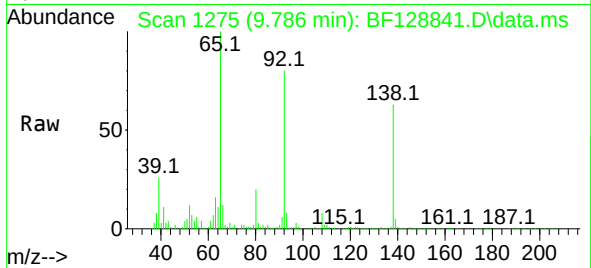




#53
3-Nitroaniline
Concen: 33.500 ng
RT: 9.786 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

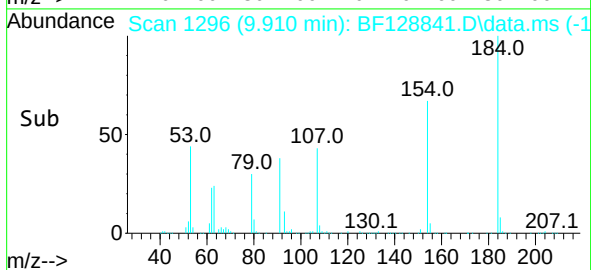
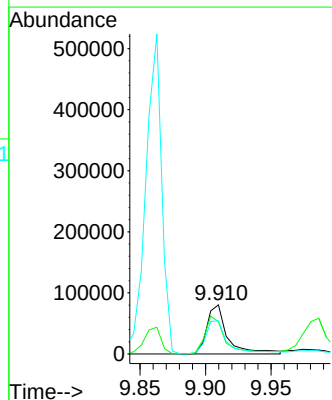
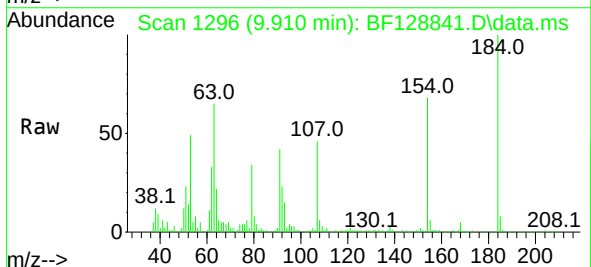
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)MSD

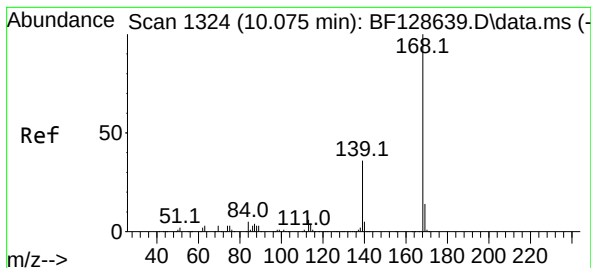
Tgt Ion:138 Resp: 80815
Ion Ratio Lower Upper
138 100
108 12.8 10.9 16.3
92 128.1 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 71.285 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.012 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion:184 Resp: 88255
Ion Ratio Lower Upper
184 100
63 65.1 64.5 96.7
154 67.6 50.6 75.8

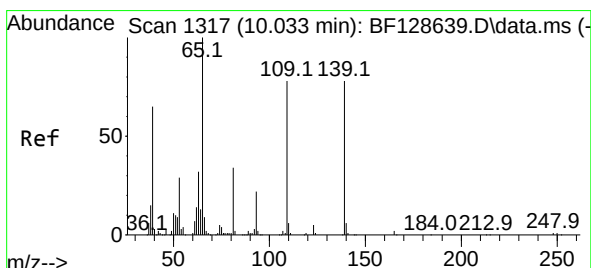
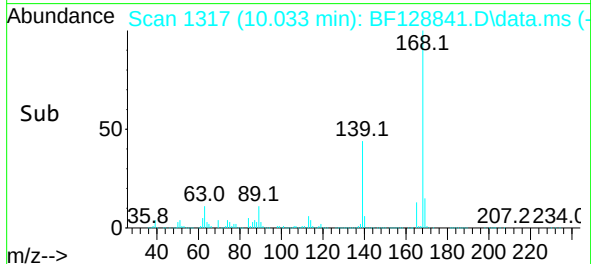
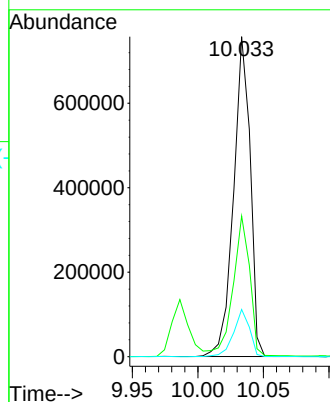
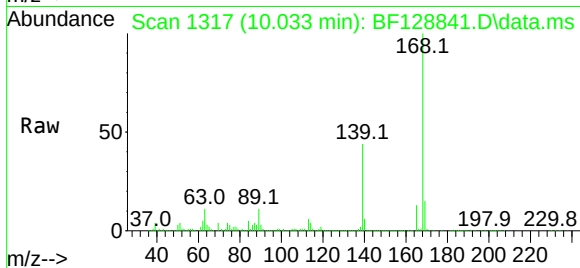




#55
Dibenzofuran
Concen: 49.673 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

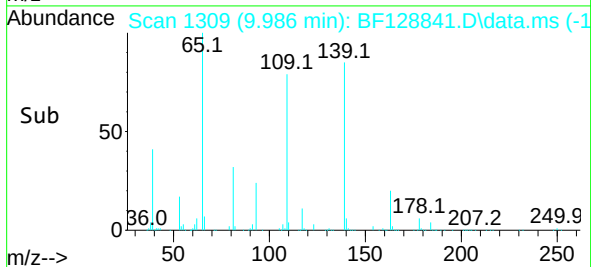
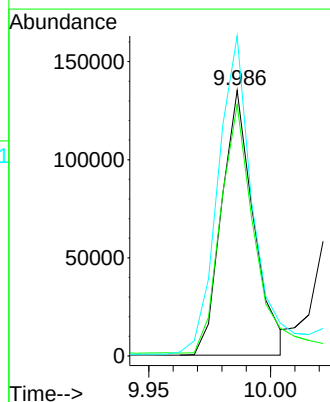
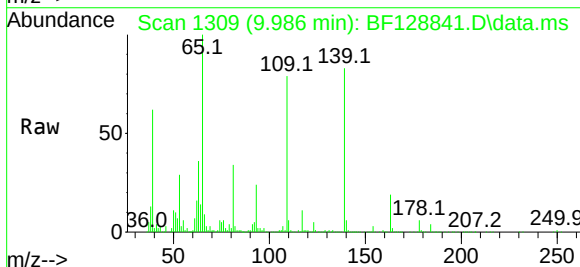
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)MSD

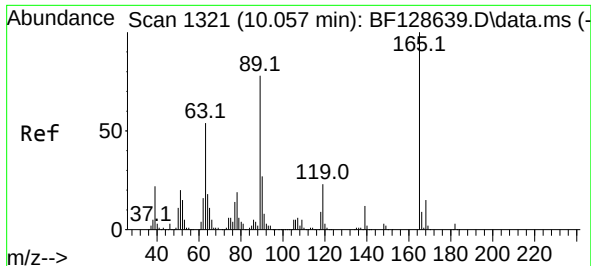
Tgt Ion:168 Resp: 670433
Ion Ratio Lower Upper
168 100
139 43.9 30.6 46.0
169 14.8 11.0 16.6



#56
4-Nitrophenol
Concen: 70.793 ng
RT: 9.986 min Scan# 1309
Delta R.T. 0.006 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion:139 Resp: 123795
Ion Ratio Lower Upper
139 100
109 94.6 50.7 90.7#
65 120.5 74.5 114.5#

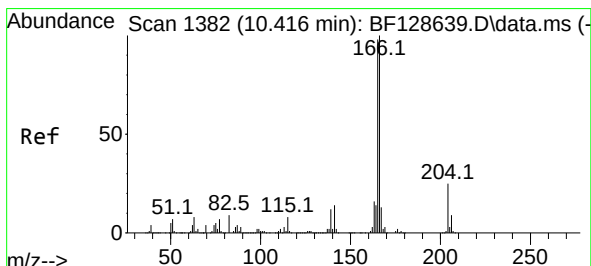
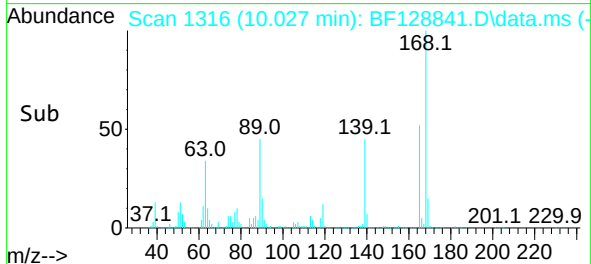
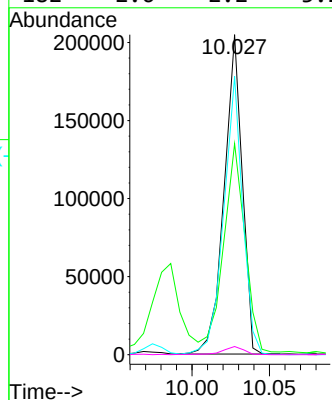
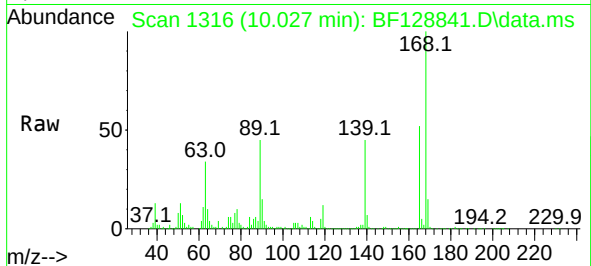




#57
2,4-Dinitrotoluene
Concen: 56.206 ng
RT: 10.027 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

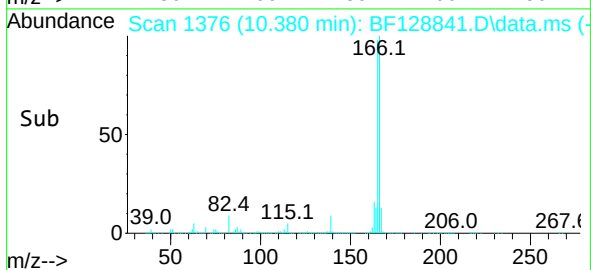
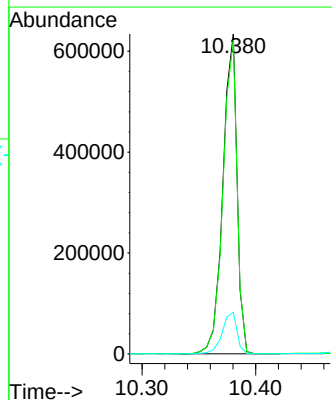
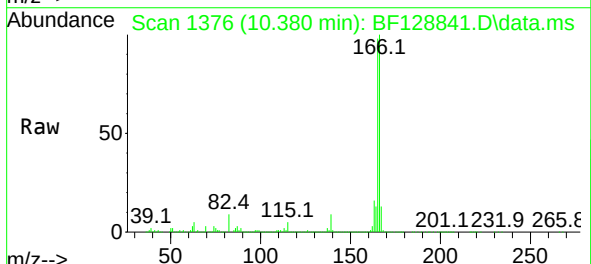
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)MSD

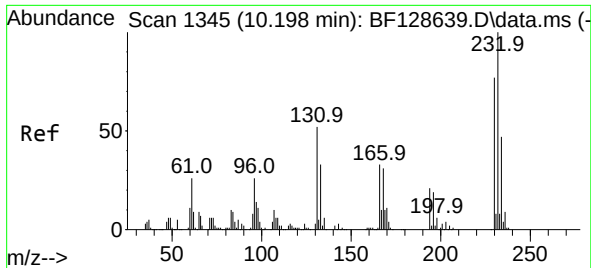
Tgt Ion:165 Resp: 166729
Ion Ratio Lower Upper
165 100
63 66.0 39.8 59.6#
89 86.9 60.2 90.2
182 2.6 2.2 3.2



#58
Fluorene
Concen: 52.297 ng
RT: 10.380 min Scan# 1376
Delta R.T. 0.006 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion:166 Resp: 547400
Ion Ratio Lower Upper
166 100
165 97.9 78.1 117.1
167 13.1 10.5 15.7

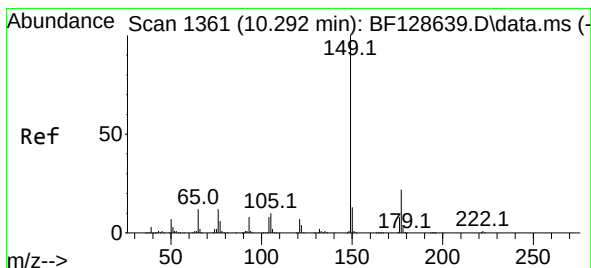
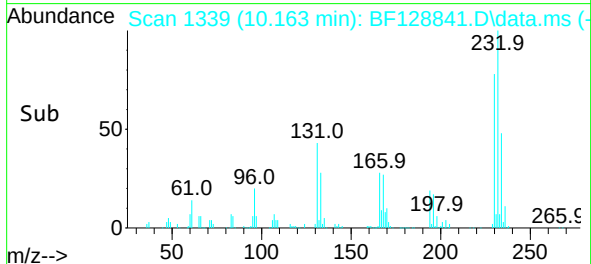
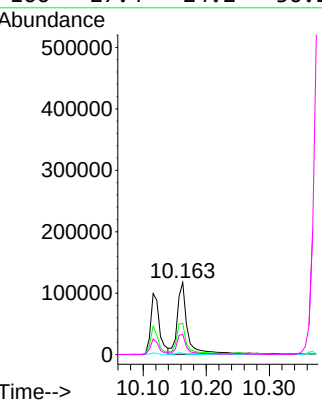
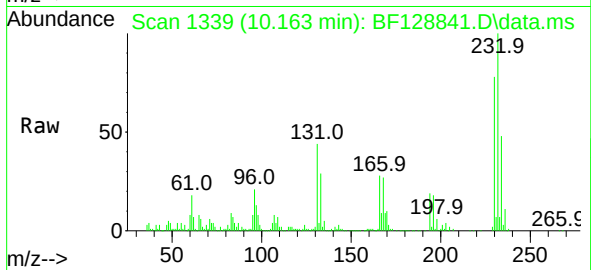




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.692 ng
RT: 10.163 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

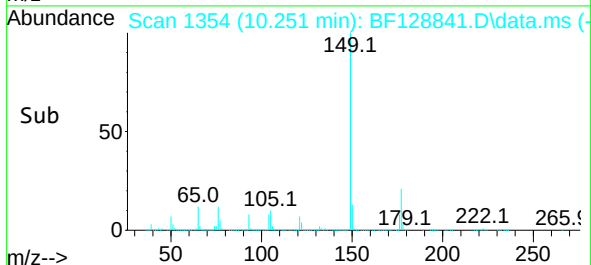
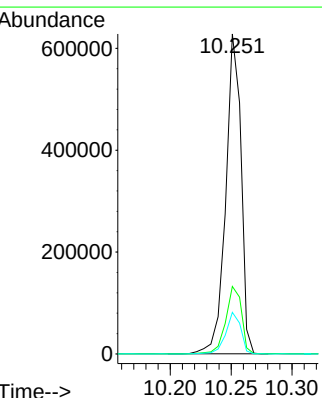
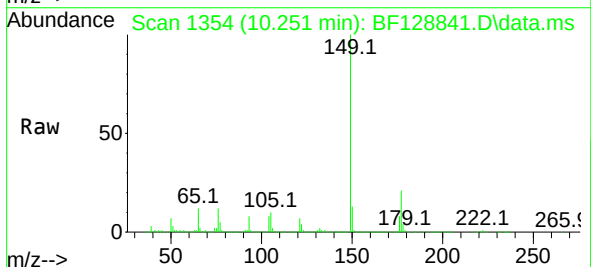
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)MSD

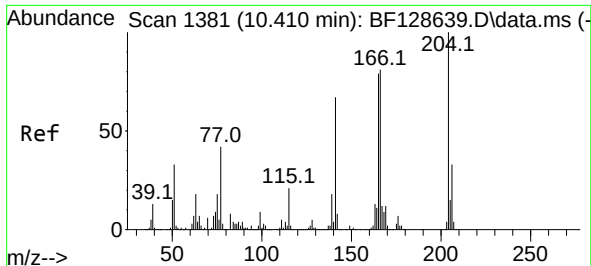
Tgt Ion:232 Resp: 128875
Ion Ratio Lower Upper
232 100
131 42.7 36.1 54.1
130 2.4 1.8 2.8
166 27.4 24.2 36.2



#60
Diethylphthalate
Concen: 48.415 ng
RT: 10.251 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion:149 Resp: 548006
Ion Ratio Lower Upper
149 100
177 21.1 17.3 25.9
150 13.0 10.2 15.2

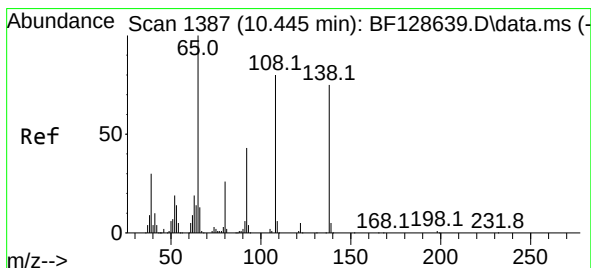
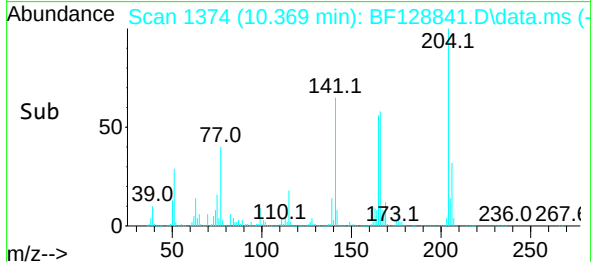
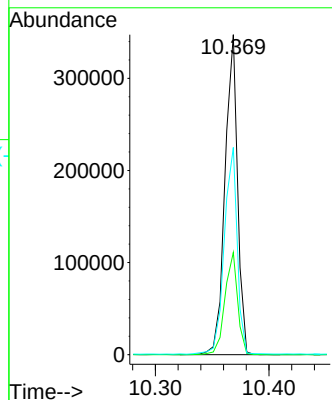
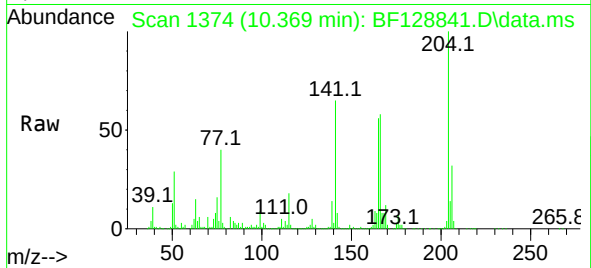




#61
4-Chlorophenyl-phenylether
Concen: 49.369 ng
RT: 10.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

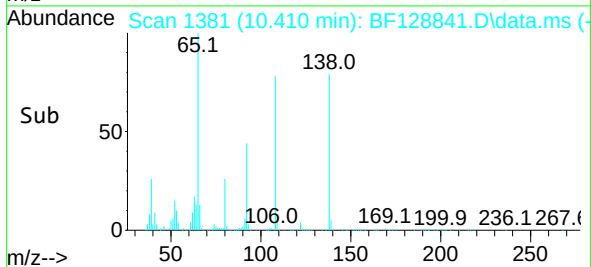
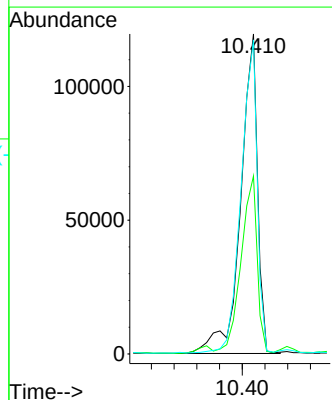
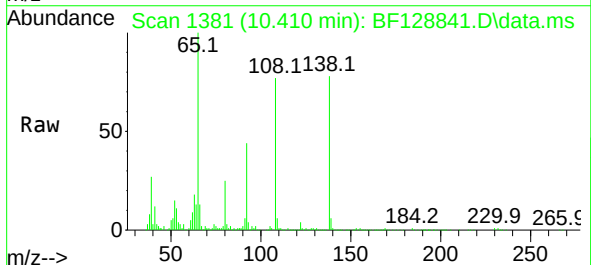
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)MSD

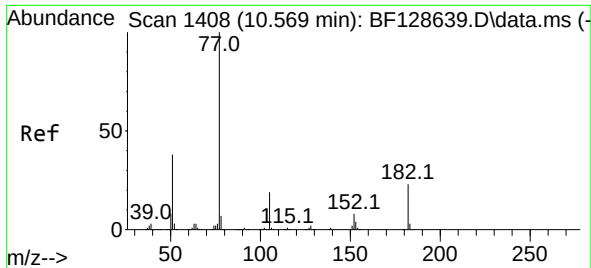
Tgt Ion:204 Resp: 268026
Ion Ratio Lower Upper
204 100
206 32.0 25.8 38.6
141 64.8 47.0 70.4



#62
4-Nitroaniline
Concen: 50.401 ng
RT: 10.410 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion:138 Resp: 123109
Ion Ratio Lower Upper
138 100
92 55.6 33.5 73.5
108 98.2 61.0 101.0

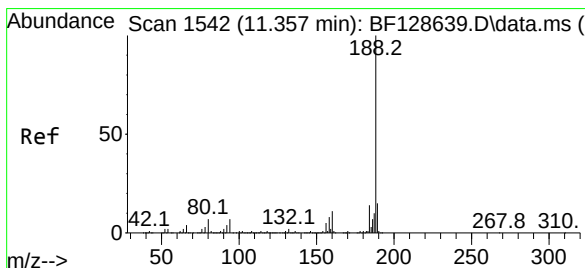
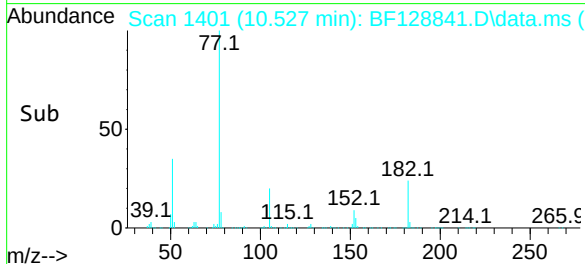
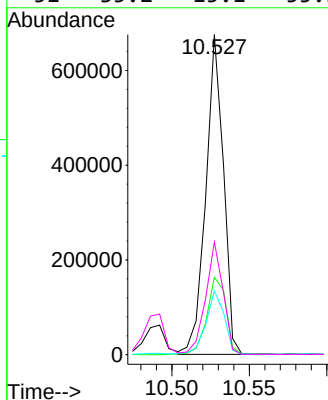
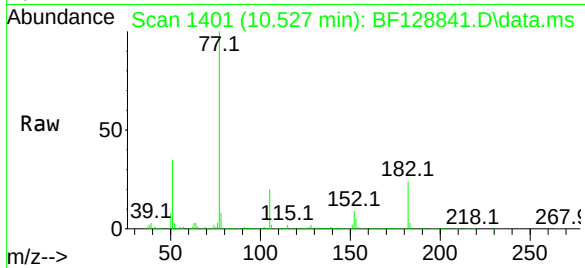




#63
Azobenzene
Concen: 47.951 ng
RT: 10.527 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

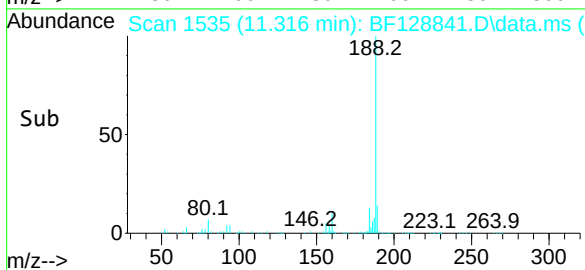
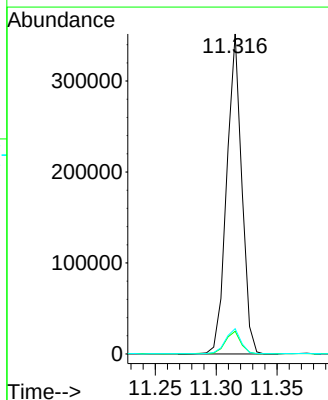
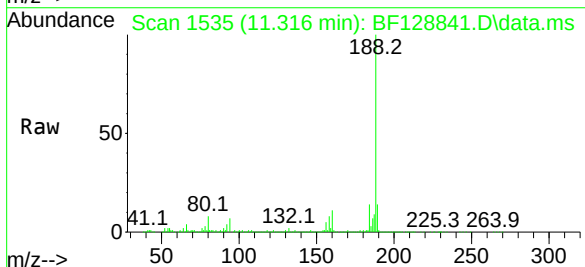
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)MSD

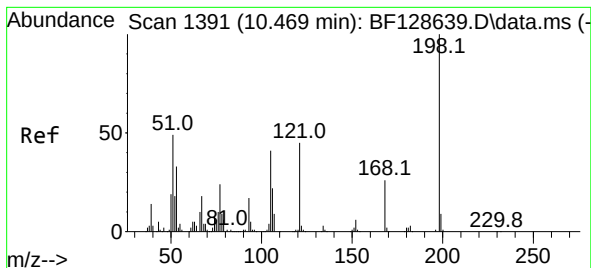
Tgt Ion: 77	Resp: 534318
Ion Ratio	Lower Upper
77 100	
182 24.2	5.6 45.6
105 20.0	1.6 41.6
51 35.2	15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion: 188	Resp: 303093
Ion Ratio	Lower Upper
188 100	
94 7.1	7.0 10.6
80 7.9	7.6 11.4

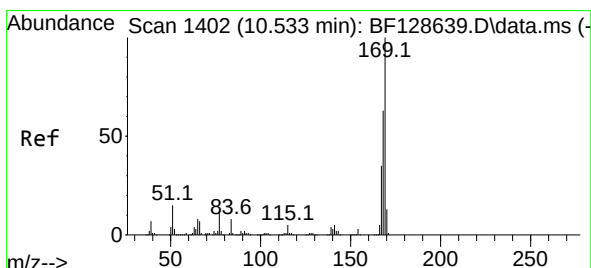
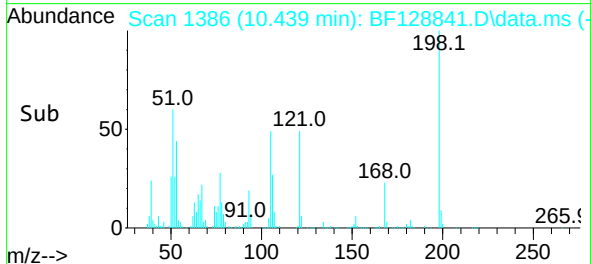
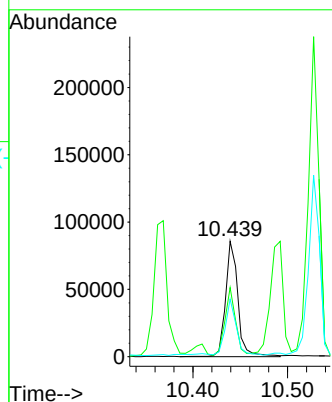
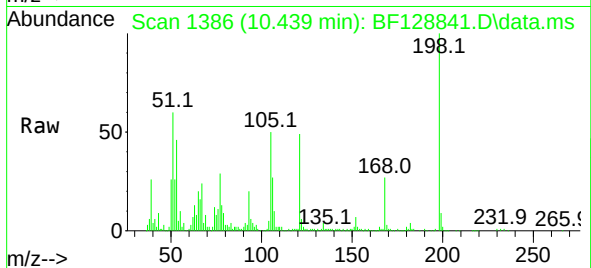




#65
4,6-Dinitro-2-methylphenol
Concen: 43.627 ng
RT: 10.439 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

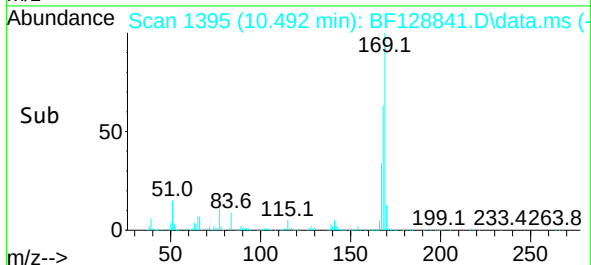
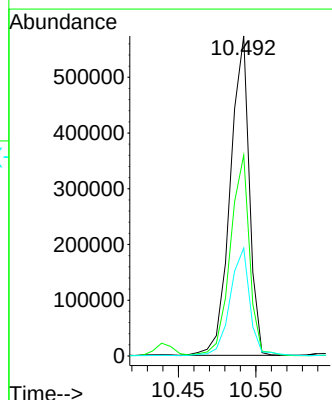
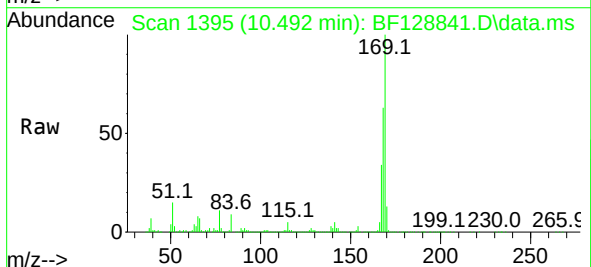
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)MSD

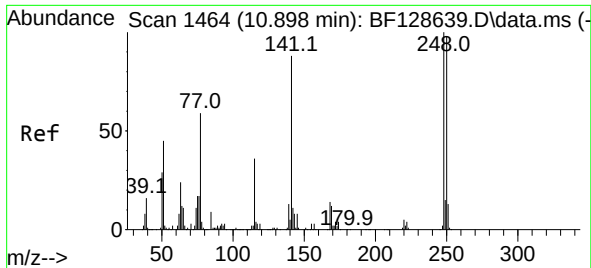
Tgt Ion:198 Resp: 78036
Ion Ratio Lower Upper
198 100
51 59.9 37.6 77.6
105 49.9 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 52.636 ng
RT: 10.492 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion:169 Resp: 490355
Ion Ratio Lower Upper
169 100
168 62.8 50.1 75.1
167 33.7 27.9 41.9

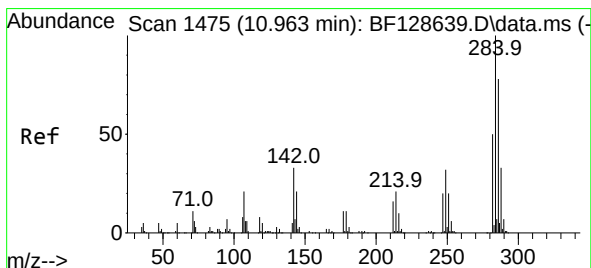
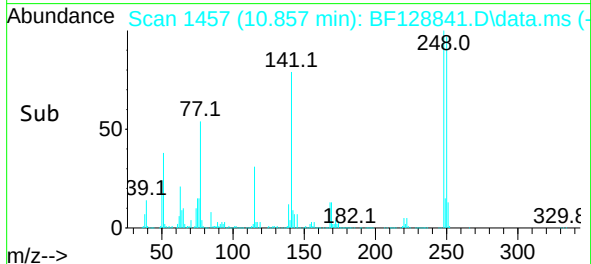
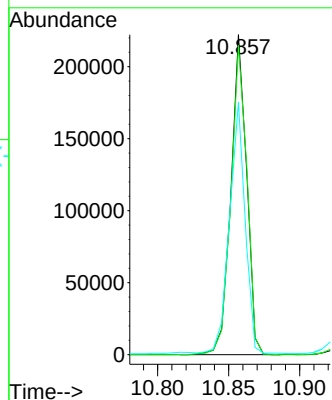
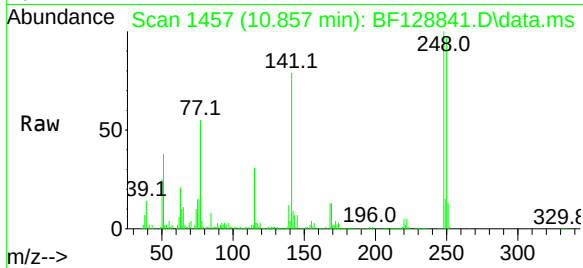




#67
4-Bromophenyl-phenylether
Concen: 50.427 ng
RT: 10.857 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

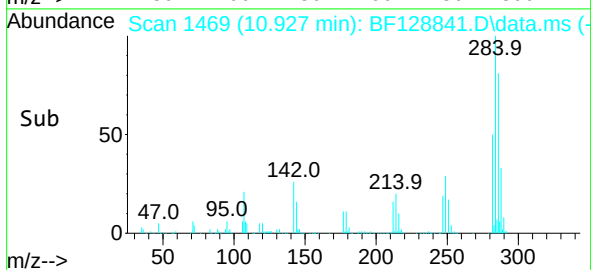
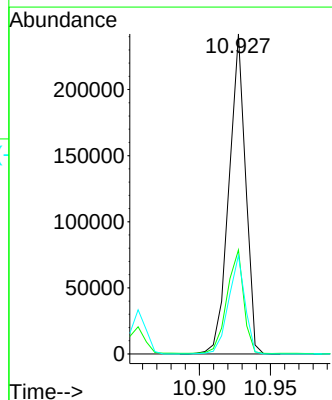
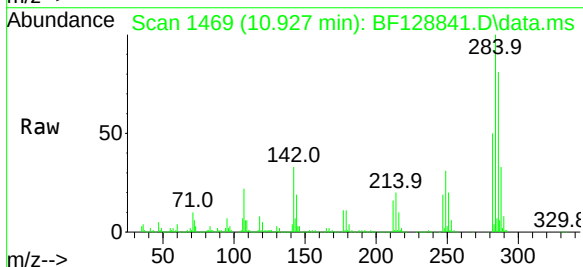
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)MSD

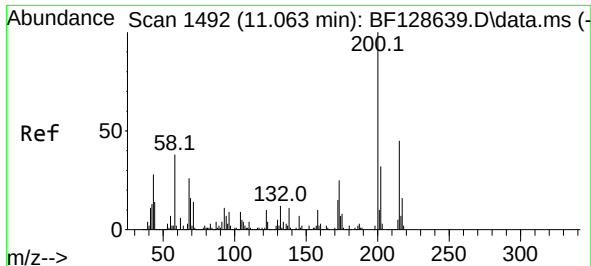
Tgt Ion:248 Resp: 170445
Ion Ratio Lower Upper
248 100
250 96.6 80.6 120.8
141 78.9 58.9 88.3



#68
Hexachlorobenzene
Concen: 52.305 ng
RT: 10.927 min Scan# 1469
Delta R.T. 0.006 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion:284 Resp: 196340
Ion Ratio Lower Upper
284 100
142 32.5 29.0 43.4
249 30.8 25.0 37.6

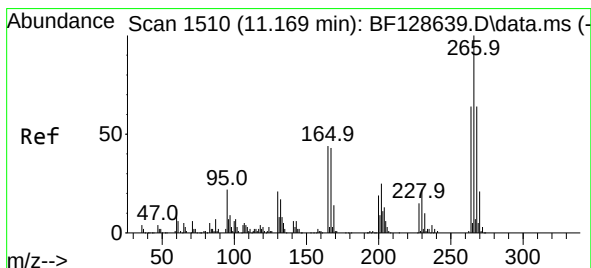
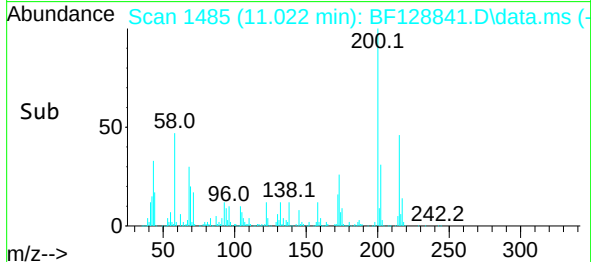
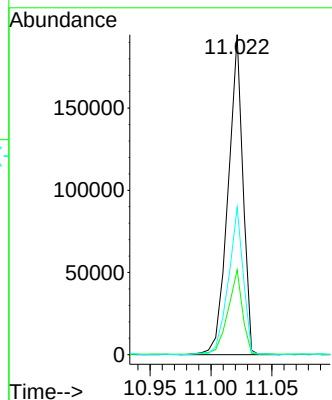
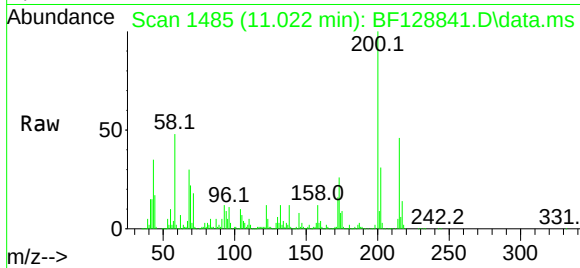




#69
Atrazine
Concen: 55.189 ng
RT: 11.022 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

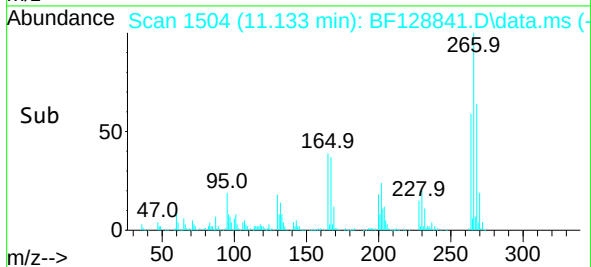
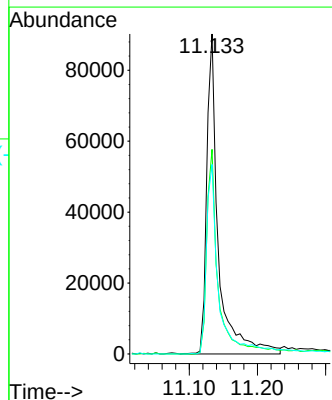
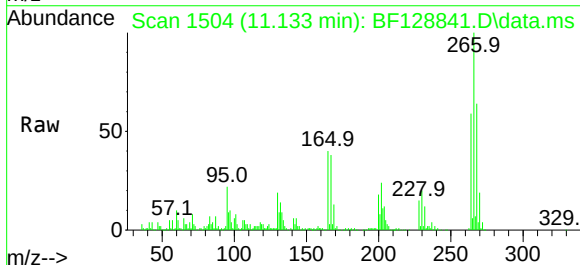
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)MSD

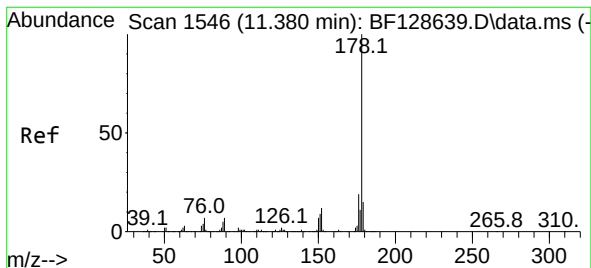
Tgt Ion:200 Resp: 165338
Ion Ratio Lower Upper
200 100
173 26.5 6.3 46.3
215 46.1 28.3 68.3



#70
Pentachlorophenol
Concen: 57.065 ng
RT: 11.133 min Scan# 1504
Delta R.T. 0.006 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion:266 Resp: 106927
Ion Ratio Lower Upper
266 100
268 64.0 51.0 76.4
264 59.3 49.4 74.2





#71

Phenanthrene

Concen: 52.347 ng

RT: 11.339 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF128841.D

Acq: 16 Jun 2022 16:02

Instrument :

BNA_F

ClientSampleId :

B-107-(9-10)MSD

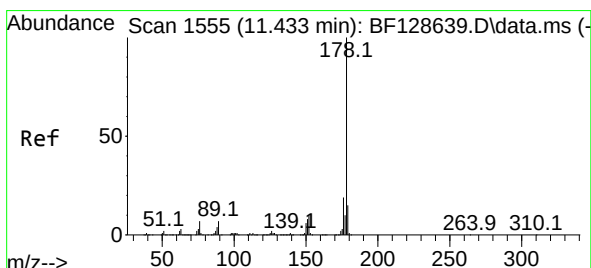
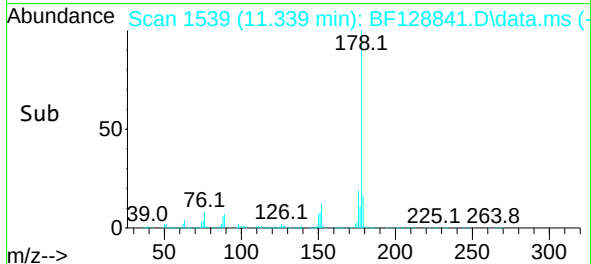
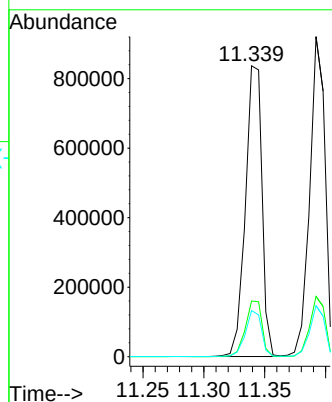
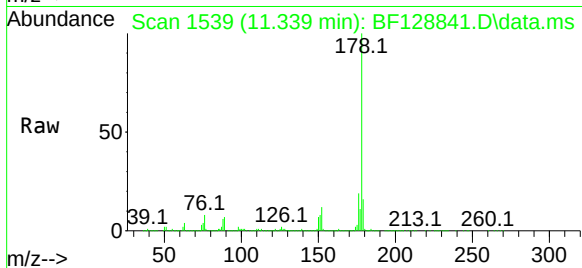
Tgt Ion:178 Resp: 795810

Ion Ratio Lower Upper

178 100

176 19.1 16.0 24.0

179 15.8 12.6 19.0



#72

Anthracene

Concen: 53.543 ng

RT: 11.392 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF128841.D

Acq: 16 Jun 2022 16:02

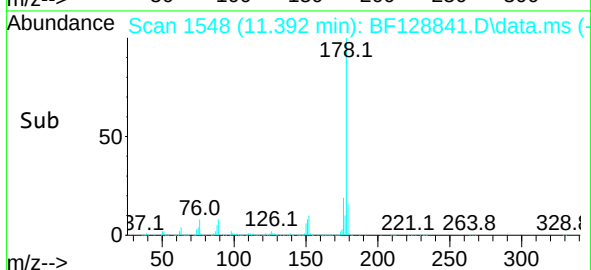
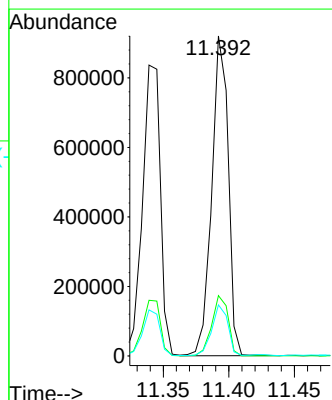
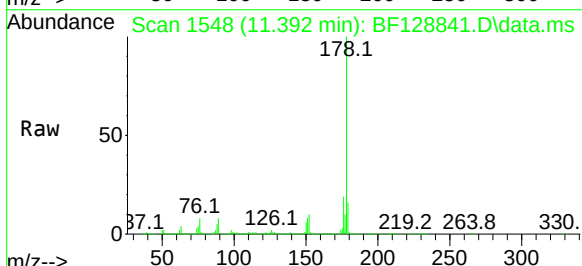
Tgt Ion:178 Resp: 805677

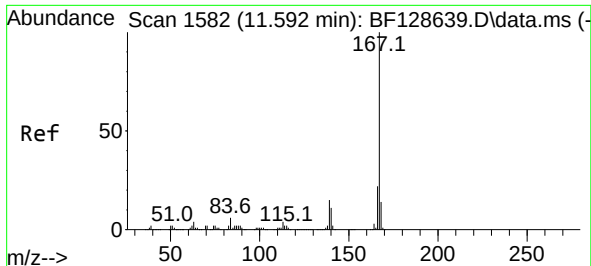
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 15.9 12.6 19.0

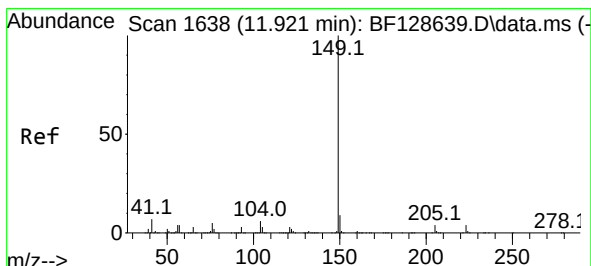
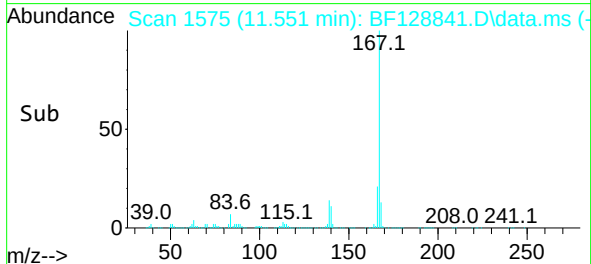
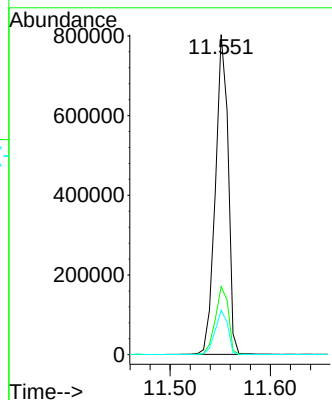
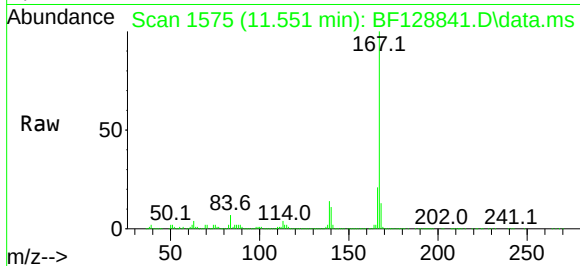




#73
Carbazole
Concen: 50.619 ng
RT: 11.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

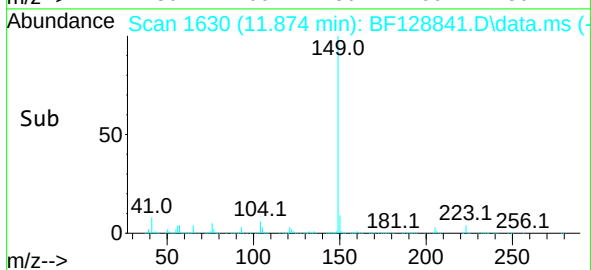
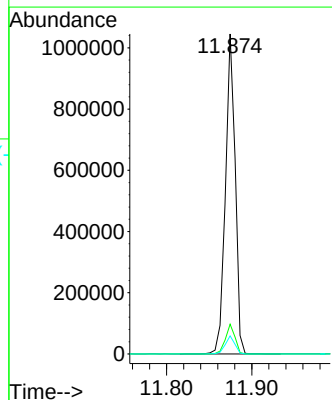
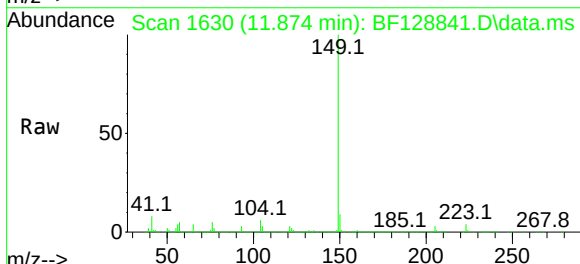
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)MSD

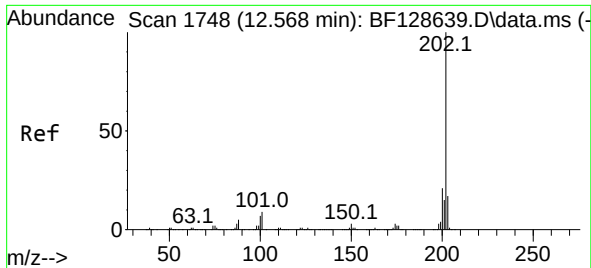
Tgt Ion:167 Resp: 707438
Ion Ratio Lower Upper
167 100
166 21.3 17.7 26.5
139 13.9 11.2 16.8



#74
Di-n-butylphthalate
Concen: 48.727 ng
RT: 11.874 min Scan# 1630
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion:149 Resp: 829158
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.6 4.4 6.6

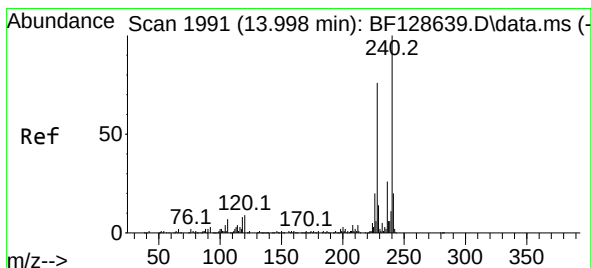
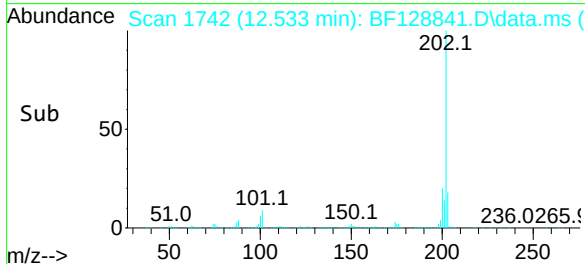
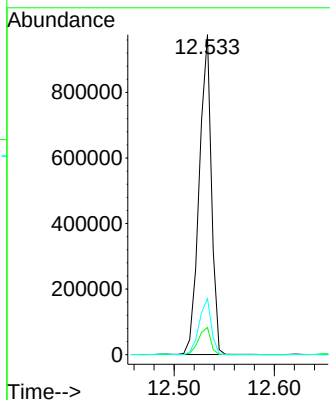
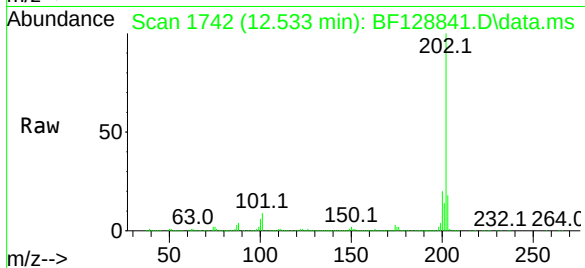




#75
Fluoranthene
Concen: 51.821 ng
RT: 12.533 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

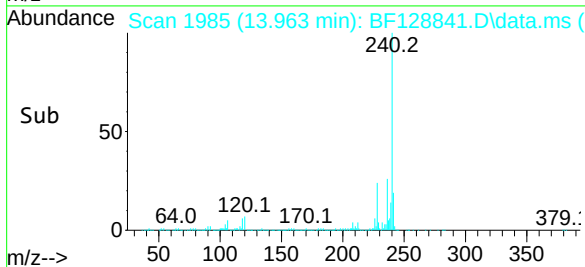
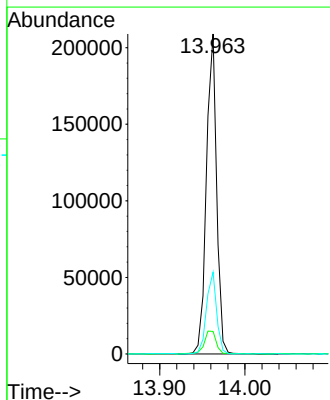
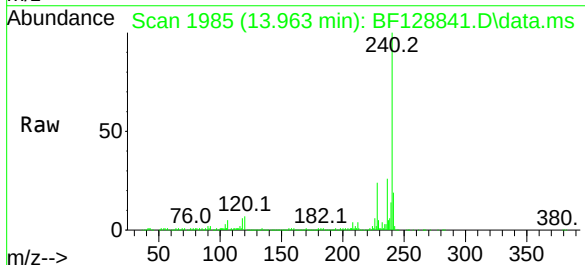
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)MSD

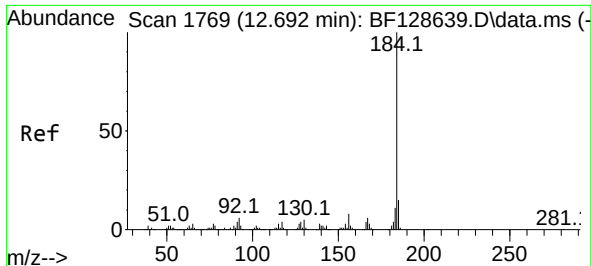
Tgt Ion:202 Resp: 823502
Ion Ratio Lower Upper
202 100
101 8.5 0.0 31.4
203 17.5 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion:240 Resp: 173506
Ion Ratio Lower Upper
240 100
120 7.1 8.9 13.3#
236 25.6 20.8 31.2

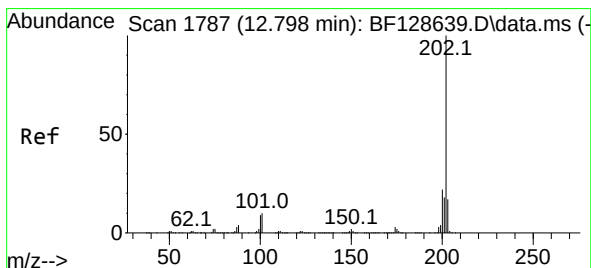
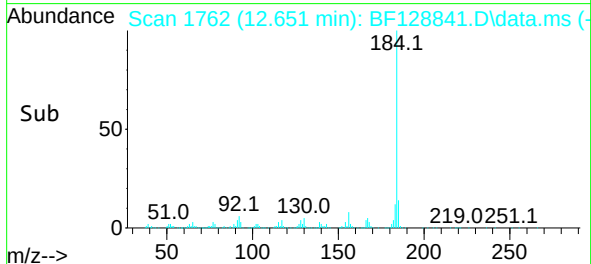
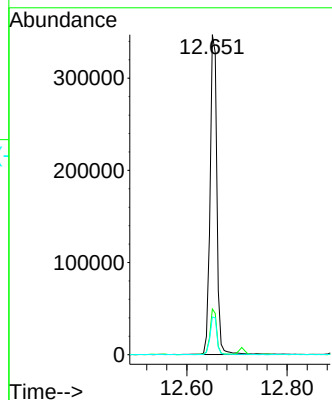
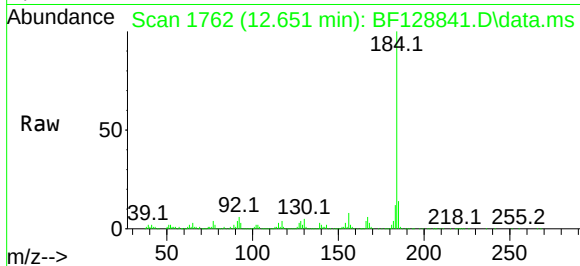




#77
Benzidine
Concen: 94.818 ng
RT: 12.651 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

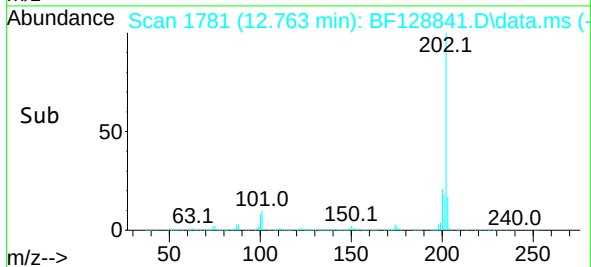
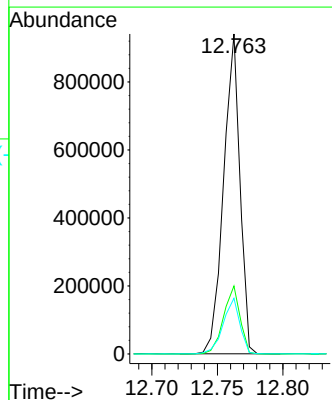
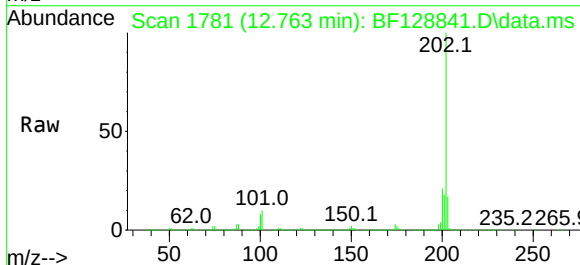
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)MSD

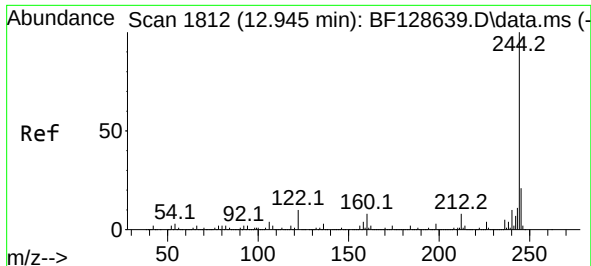
Tgt Ion:184 Resp: 327951
Ion Ratio Lower Upper
184 100
185 14.3 11.9 17.9
183 11.8 9.3 13.9



#78
Pyrene
Concen: 62.817 ng
RT: 12.763 min Scan# 1781
Delta R.T. 0.006 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion:202 Resp: 810890
Ion Ratio Lower Upper
202 100
200 21.3 17.7 26.5
203 17.4 14.6 21.8

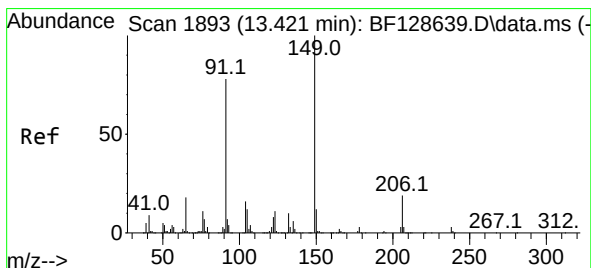
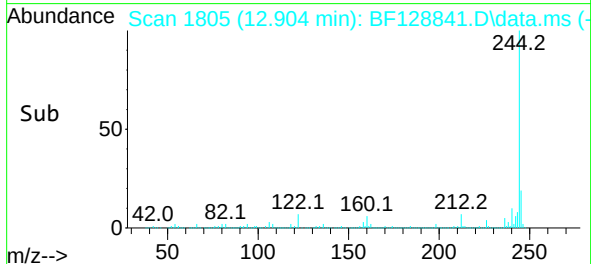
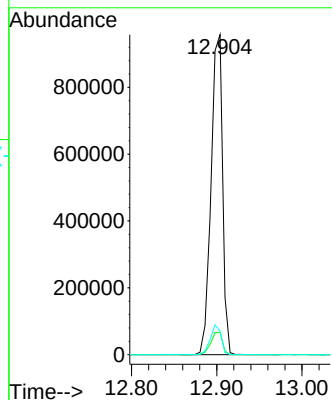
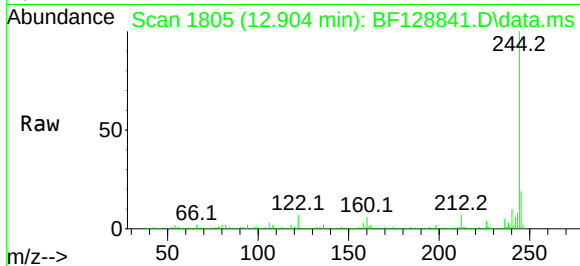




#79
 Terphenyl-d14
 Concen: 90.215 ng
 RT: 12.904 min Scan# 1805
 Delta R.T. -0.000 min
 Lab File: BF128841.D
 Acq: 16 Jun 2022 16:02

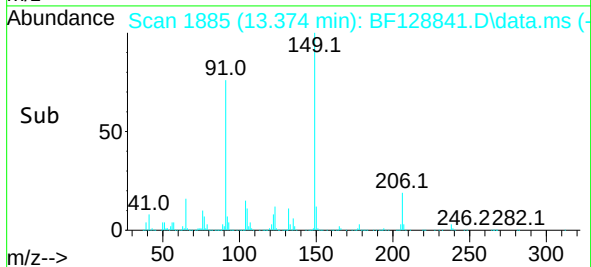
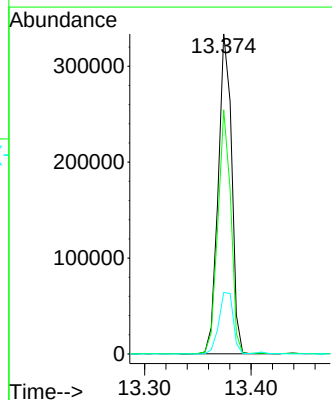
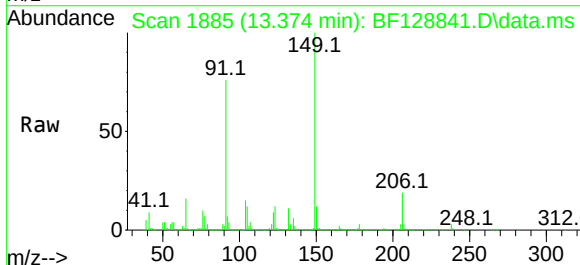
Instrument :
 BNA_F
 ClientSampleId :
 B-107-(9-10)MSD

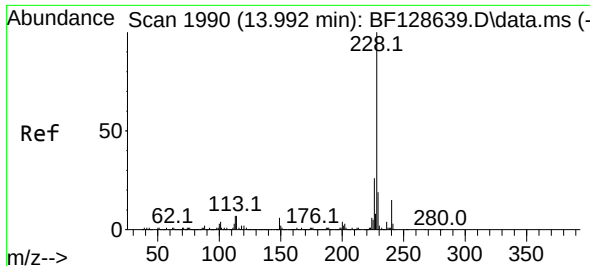
Tgt Ion:244 Resp: 900816
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 7.3 8.8 13.2#



#80
 Butylbenzylphthalate
 Concen: 53.691 ng
 RT: 13.374 min Scan# 1885
 Delta R.T. -0.006 min
 Lab File: BF128841.D
 Acq: 16 Jun 2022 16:02

Tgt Ion:149 Resp: 291058
 Ion Ratio Lower Upper
 149 100
 91 76.3 61.2 91.8
 206 19.2 15.7 23.5

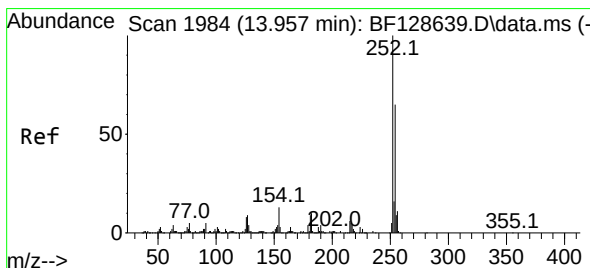
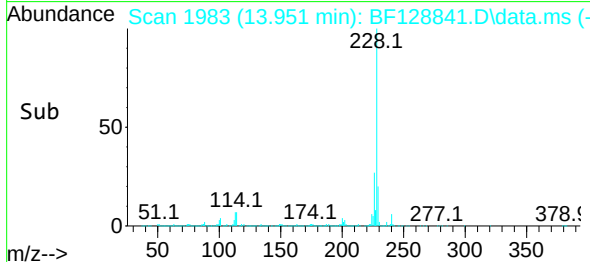
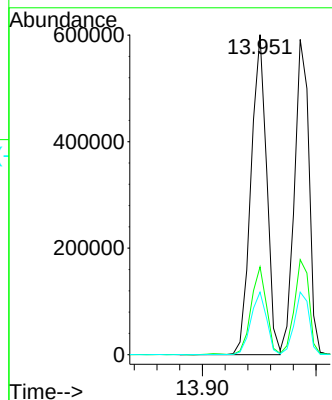
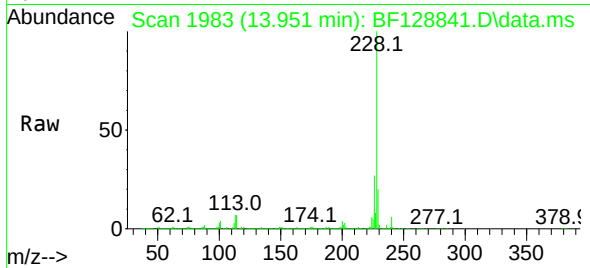




#81
Benzo(a)anthracene
Concen: 53.186 ng
RT: 13.951 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

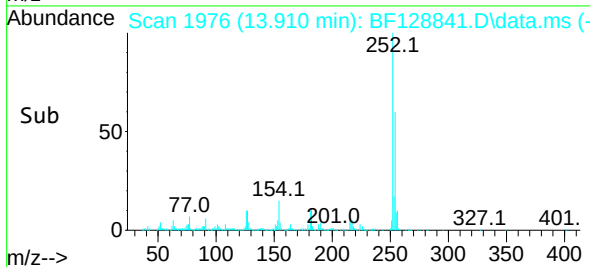
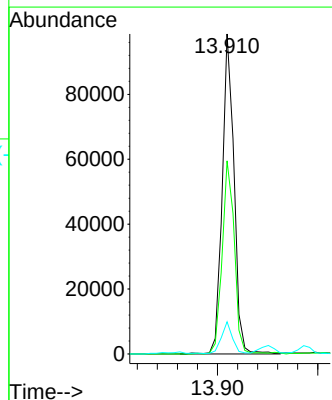
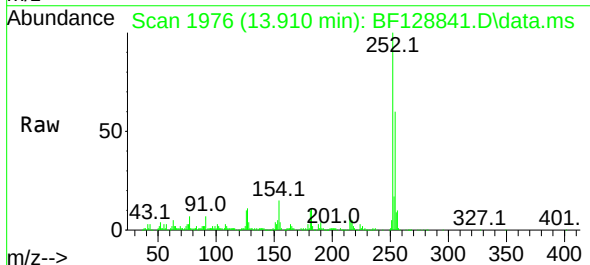
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)MSD

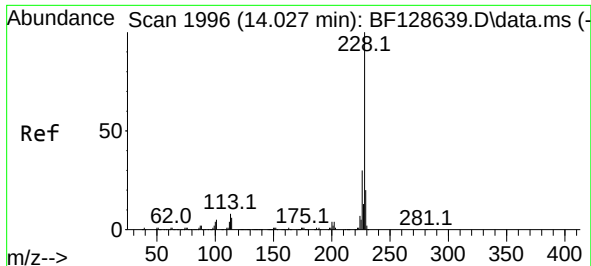
Tgt Ion:228 Resp: 575221
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.6 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 34.774 ng
RT: 13.910 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion:252 Resp: 80461
Ion Ratio Lower Upper
252 100
254 60.4 50.2 75.4
126 10.1 8.2 12.4

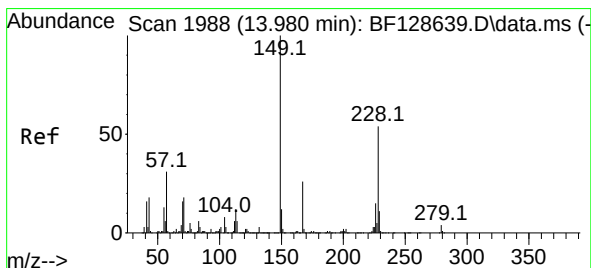
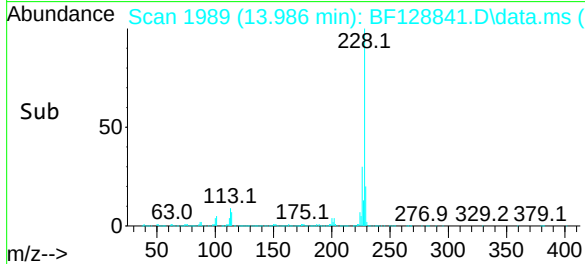
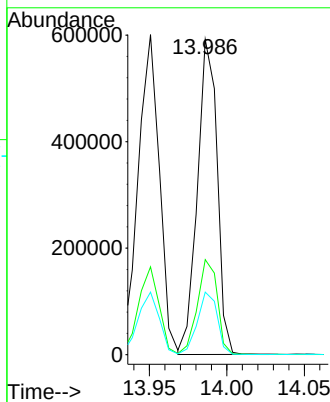
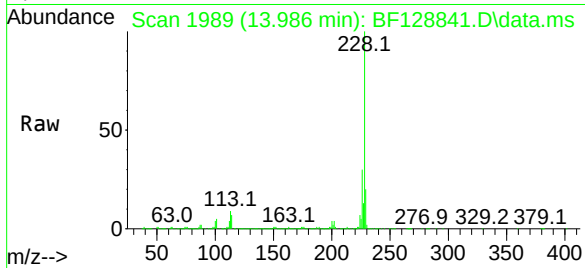




#83
Chrysene
Concen: 50.876 ng
RT: 13.986 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

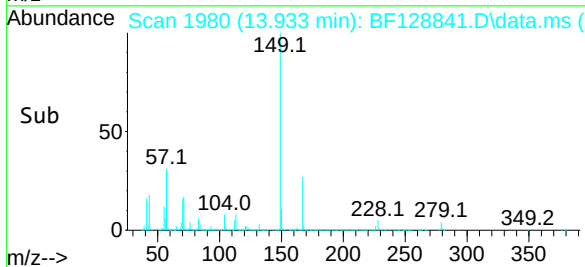
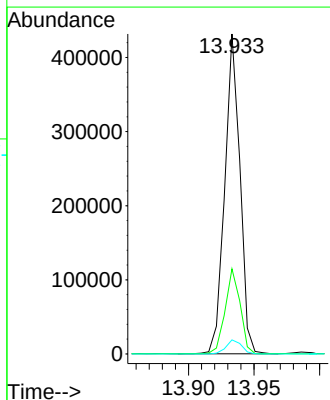
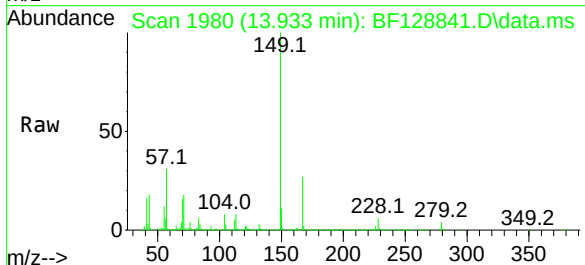
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)MSD

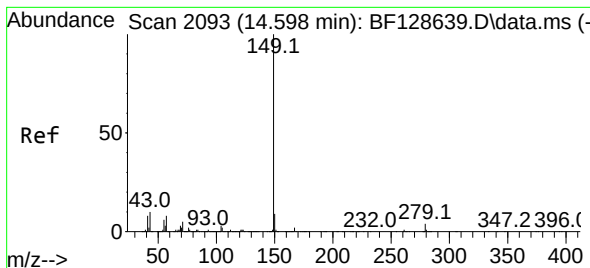
Tgt Ion:228 Resp: 524584
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 19.8 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.169 ng
RT: 13.933 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion:149 Resp: 346522
Ion Ratio Lower Upper
149 100
167 26.6 21.0 31.4
279 4.4 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 46.629 ng

RT: 14.545 min Scan# 2093

Delta R.T. -0.006 min

Lab File: BF128841.D

Acq: 16 Jun 2022 16:02

Instrument :

BNA_F

ClientSampleId :

B-107-(9-10)MSD

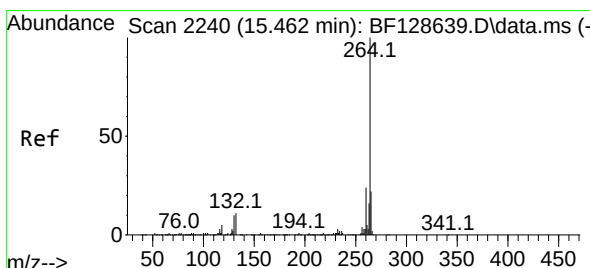
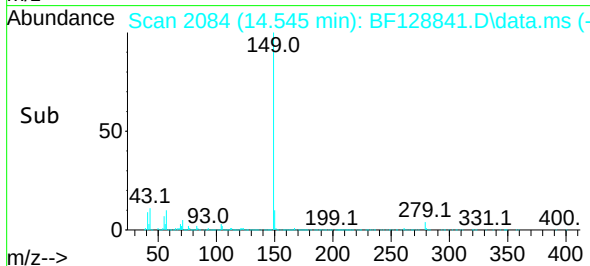
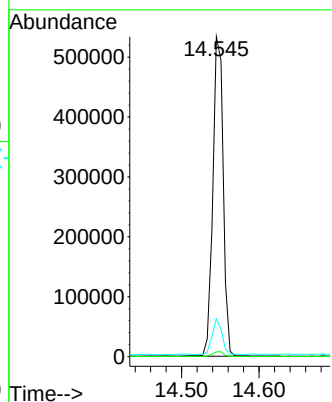
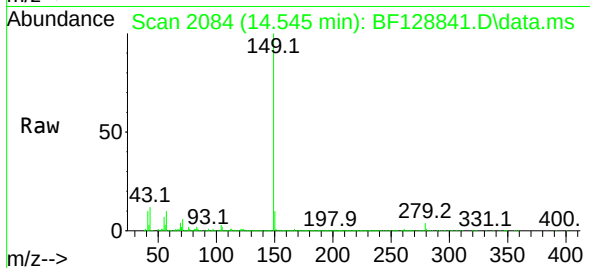
Tgt Ion:149 Resp: 494944

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.6 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2232

Delta R.T. -0.000 min

Lab File: BF128841.D

Acq: 16 Jun 2022 16:02

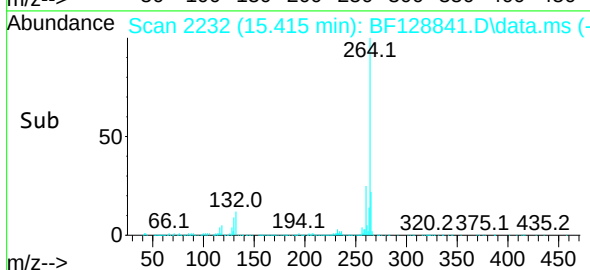
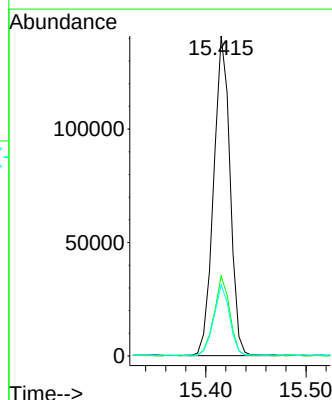
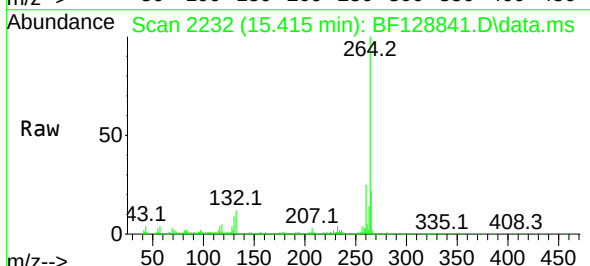
Tgt Ion:264 Resp: 160289

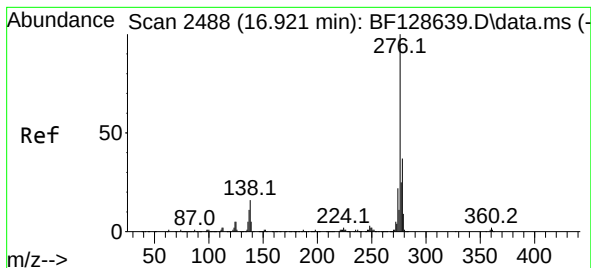
Ion Ratio Lower Upper

264 100

260 25.0 18.4 27.6

265 22.2 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 63.100 ng

RT: 16.874 min Scan# 2488

Delta R.T. 0.012 min

Lab File: BF128841.D

Acq: 16 Jun 2022 16:02

Instrument :

BNA_F

ClientSampleId :

B-107-(9-10)MSD

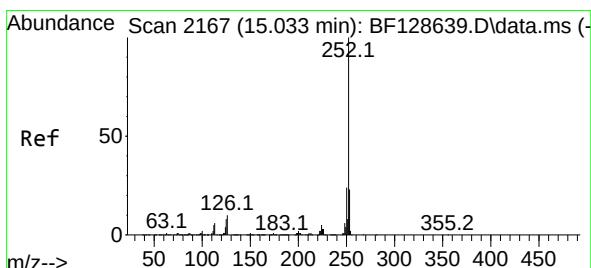
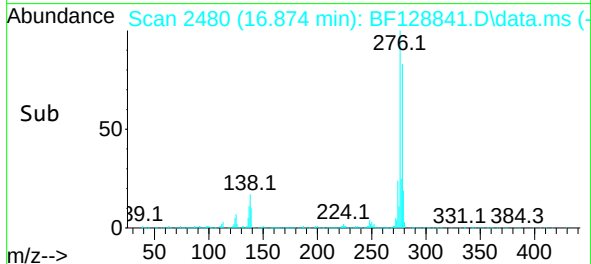
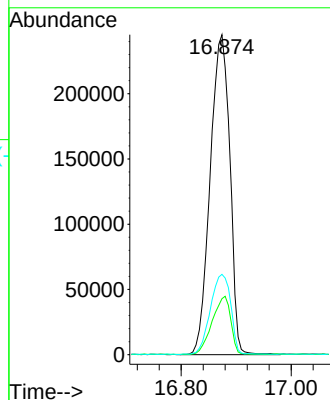
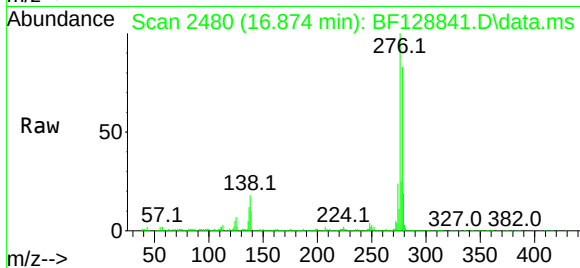
Tgt Ion:276 Resp: 609617

Ion Ratio Lower Upper

276 100

138 17.2 21.1 31.7#

277 26.0 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 49.505 ng

RT: 14.998 min Scan# 2161

Delta R.T. 0.006 min

Lab File: BF128841.D

Acq: 16 Jun 2022 16:02

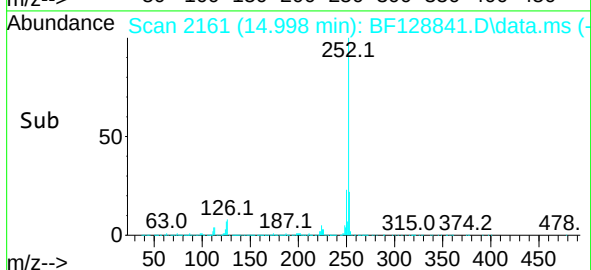
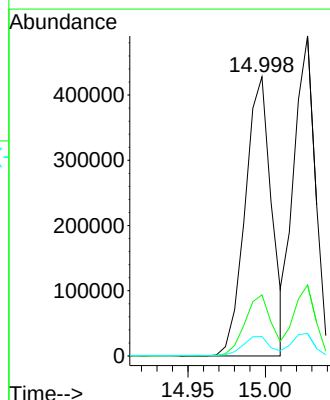
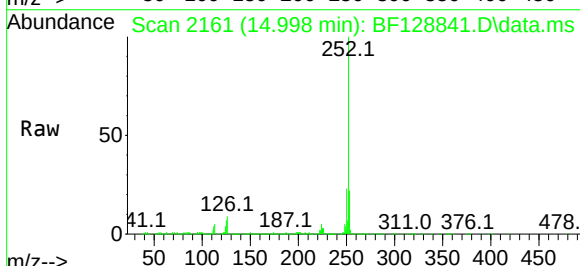
Tgt Ion:252 Resp: 507041

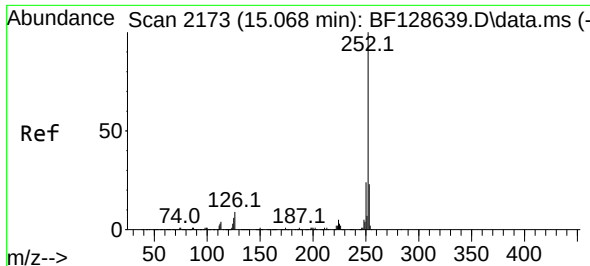
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 6.9 8.0 12.0#

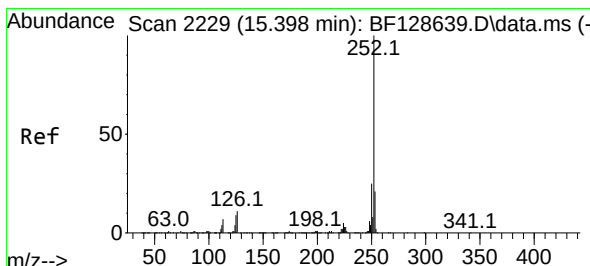
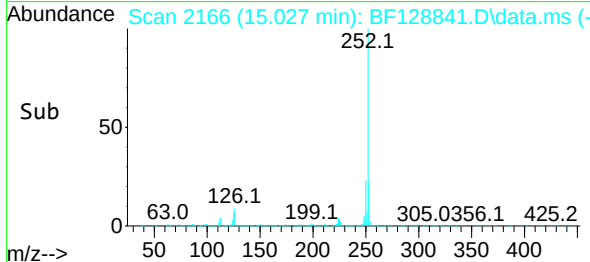
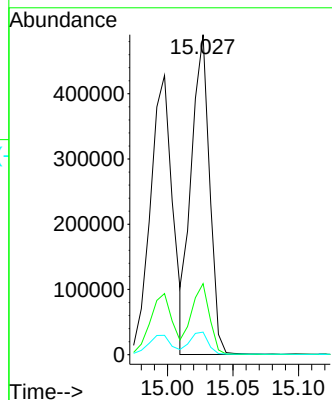
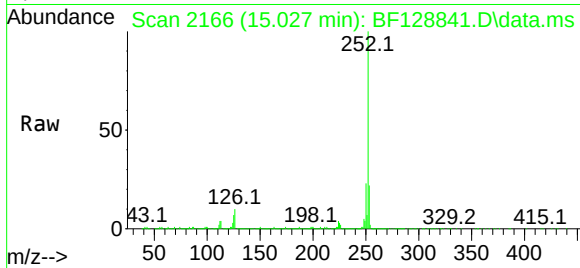




#89
Benzo(k)fluoranthene
Concen: 49.145 ng
RT: 15.027 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

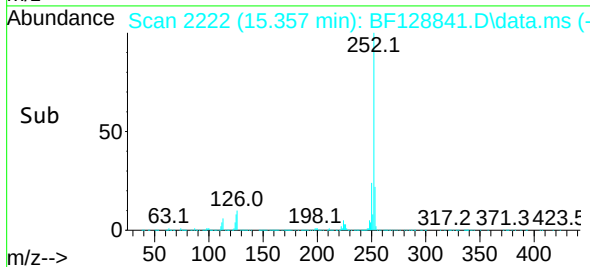
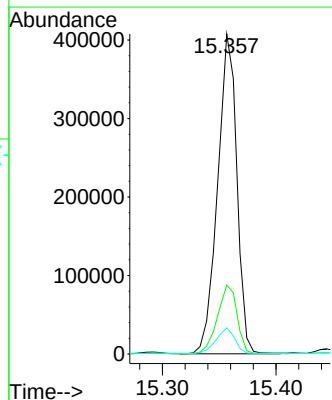
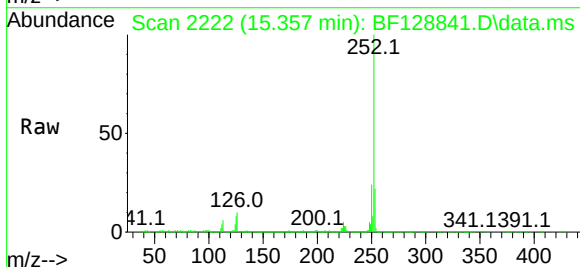
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)MSD

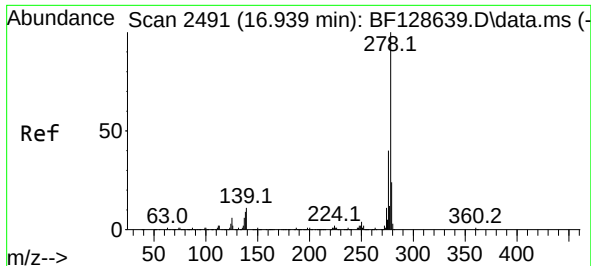
Tgt Ion:252 Resp: 473505
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 7.1 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 59.554 ng
RT: 15.357 min Scan# 2222
Delta R.T. -0.000 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion:252 Resp: 479410
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 8.2 8.8 13.2#

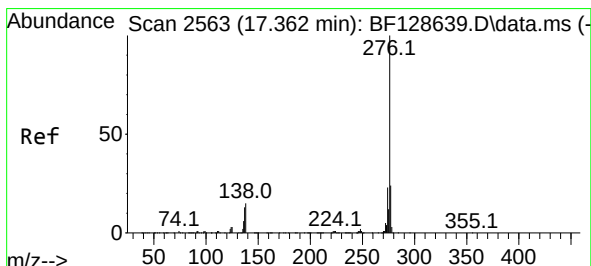
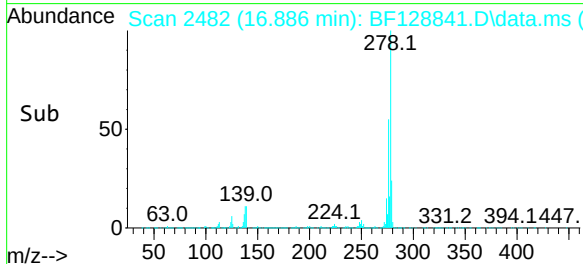
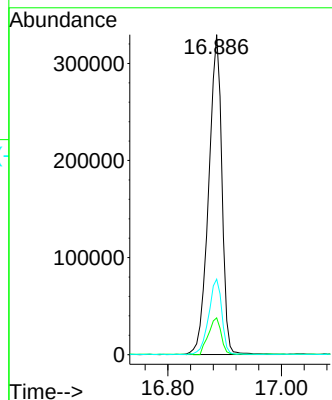
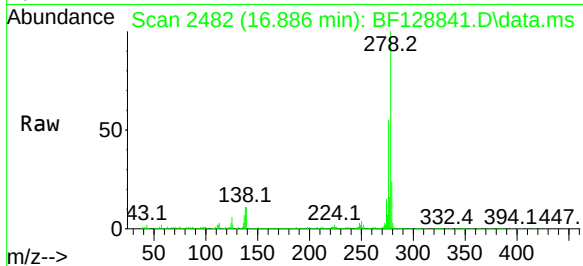




#91
Dibenzo(a,h)anthracene
Concen: 65.937 ng
RT: 16.886 min Scan# 2491
Delta R.T. 0.012 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)MSD

Tgt Ion:278 Resp: 528389
Ion Ratio Lower Upper
278 100
139 11.5 12.8 19.2#
279 23.6 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 66.611 ng
RT: 17.309 min Scan# 2554
Delta R.T. 0.012 min
Lab File: BF128841.D
Acq: 16 Jun 2022 16:02

Tgt Ion:276 Resp: 529035
Ion Ratio Lower Upper
276 100
277 23.1 19.1 28.7
138 16.0 18.0 27.0#

