

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082222\
 Data File : BF129939.D
 Acq On : 22 Aug 2022 14:23
 Operator : CG\JU
 Sample : PB146994BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146994BS

Quant Time: Aug 23 04:46:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	145008	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	603109	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	330048	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	561068	20.000	ng	0.00
76) Chrysene-d12	13.957	240	398642	20.000	ng	0.00
86) Perylene-d12	15.404	264	307356	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1115562	127.375	ng	0.01
7) Phenol-d6	6.440	99	1404976	128.102	ng	0.00
23) Nitrobenzene-d5	7.351	82	930582	82.598	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	416575	125.758	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1696148	78.053	ng	0.00
79) Terphenyl-d14	12.892	244	1935461	80.786	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	126855	35.108	ng	96
3) Pyridine	3.357	79	332270	35.139	ng	93
4) n-Nitrosodimethylamine	3.293	42	217603	49.935	ng	89
6) Aniline	6.446	93	536317	42.904	ng	91
8) 2-Chlorophenol	6.575	128	438633	44.989	ng	97
9) Benzaldehyde	6.334	77	291899	51.658	ng	96
10) Phenol	6.451	94	540845	44.956	ng	94
11) bis(2-Chloroethyl)ether	6.516	93	409116	44.782	ng	94
12) 1,3-Dichlorobenzene	6.716	146	449467	42.702	ng	99
13) 1,4-Dichlorobenzene	6.793	146	456863	42.480	ng	99
14) 1,2-Dichlorobenzene	6.945	146	432439	43.293	ng	99
15) Benzyl Alcohol	6.934	79	391365	47.268	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	570494	46.603	ng	90
17) 2-Methylphenol	7.051	107	351137	44.853	ng	97
18) Hexachloroethane	7.281	117	181681	44.985	ng	98
19) n-Nitroso-di-n-propyla...	7.198	70	321899	46.433	ng	98
20) 3+4-Methylphenols	7.204	107	461945	43.959	ng	# 81
22) Acetophenone	7.192	105	639219	43.493	ng	98
24) Nitrobenzene	7.369	77	481239	42.361	ng	94
25) Isophorone	7.610	82	881735	45.471	ng	99
26) 2-Nitrophenol	7.681	139	228239	40.844	ng	89
27) 2,4-Dimethylphenol	7.728	122	375636	46.873	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	520405	45.964	ng	99
29) 2,4-Dichlorophenol	7.934	162	365369	41.695	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	367664	39.771	ng	99
31) Naphthalene	8.081	128	1271649	40.326	ng	100
32) Benzoic acid	7.892	122	166754	46.748	ng	89
33) 4-Chloroaniline	8.145	127	467503	37.700	ng	99
34) Hexachlorobutadiene	8.192	225	228071	40.517	ng	98
35) Caprolactam	8.534	113	51278	18.817	ng	93
36) 4-Chloro-3-methylphenol	8.639	107	412918	43.678	ng	97
37) 2-Methylnaphthalene	8.775	142	840931	40.631	ng	98
38) 1-Methylnaphthalene	8.875	142	801987	39.871	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	373391	40.676	ng	98
41) Hexachlorocyclopentadiene	8.916	237	273954	87.247	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	233147	39.091	ng	98

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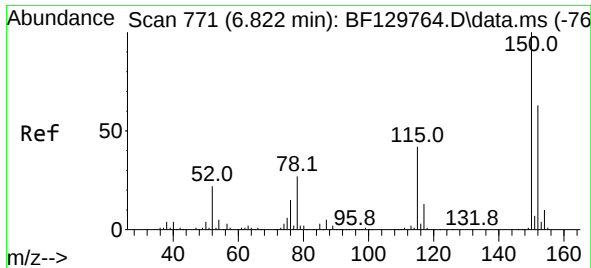
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	255081	39.752	ng	97
46) 1,1'-Biphenyl	9.239	154	1023133	40.805	ng	99
47) 2-Chloronaphthalene	9.263	162	792561	39.950	ng	97
48) 2-Nitroaniline	9.375	65	268326	42.799	ng	99
49) Acenaphthylene	9.681	152	1194960	39.721	ng	100
50) Dimethylphthalate	9.545	163	956358	40.421	ng	100
51) 2,6-Dinitrotoluene	9.616	165	207328	40.396	ng	92
52) Acenaphthene	9.851	154	722788	39.600	ng	99
53) 3-Nitroaniline	9.792	138	183632	32.353	ng	94
54) 2,4-Dinitrophenol	9.910	184	185236	79.839	ng	96
55) Dibenzofuran	10.022	168	1103332	40.237	ng	94
56) 4-Nitrophenol	9.981	139	223971	88.699	ng	87
57) 2,4-Dinitrotoluene	10.028	165	276666	41.526	ng	94
58) Fluorene	10.369	166	919908	40.178	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	190147	40.379	ng	# 77
60) Diethylphthalate	10.245	149	969903	41.112	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	422337	41.105	ng	99
62) 4-Nitroaniline	10.416	138	201907	35.261	ng	90
63) Azobenzene	10.516	77	947570	42.021	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	130143	39.512	ng	95
66) n-Nitrosodiphenylamine	10.481	169	784905	41.448	ng	100
67) 4-Bromophenyl-phenylether	10.845	248	269678	41.037	ng	99
68) Hexachlorobenzene	10.916	284	300178	42.168	ng	98
69) Atrazine	11.016	200	263880	45.400	ng	98
70) Pentachlorophenol	11.122	266	183983	85.820	ng	97
71) Phenanthrene	11.333	178	1278497	40.800	ng	100
72) Anthracene	11.386	178	1294238	41.533	ng	100
73) Carbazole	11.545	167	1213068	42.884	ng	99
74) Di-n-butylphthalate	11.857	149	1540360	42.311	ng	99
75) Fluoranthene	12.522	202	1352688	42.185	ng	99
77) Benzidine	12.651	184	707850	77.896	ng	99
78) Pyrene	12.751	202	1349102	38.944	ng	99
80) Butylbenzylphthalate	13.357	149	608874	41.537	ng	90
81) Benzo(a)anthracene	13.945	228	1092470	39.838	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	298613	35.160	ng	100
83) Chrysene	13.986	228	1015362	39.555	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	788509	45.341	ng	97
85) Di-n-octyl phthalate	14.521	149	1062103	44.241	ng	98
87) Indeno(1,2,3-cd)pyrene	16.868	276	873195	41.383	ng	99
88) Benzo(b)fluoranthene	14.986	252	881936	41.905	ng	99
89) Benzo(k)fluoranthene	15.016	252	861208	42.669	ng	98
90) Benzo(a)pyrene	15.345	252	740767	44.695	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	761865	43.760	ng	99
92) Benzo(g,h,i)perylene	17.304	276	767141	44.166	ng	99

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

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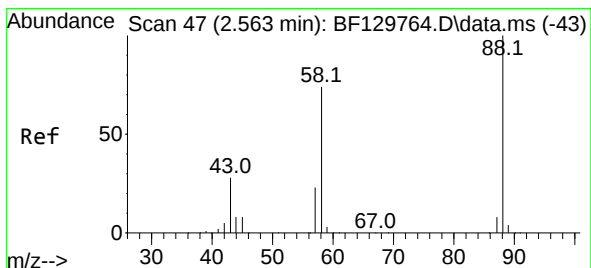
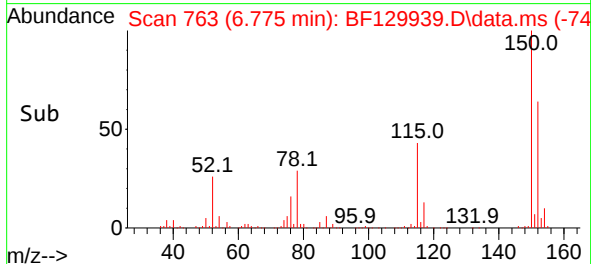
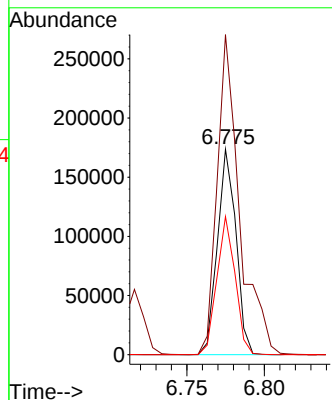
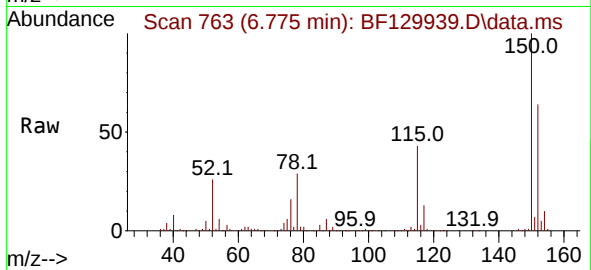




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.775 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: BF129939.D
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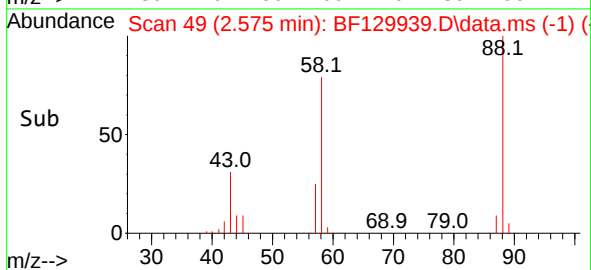
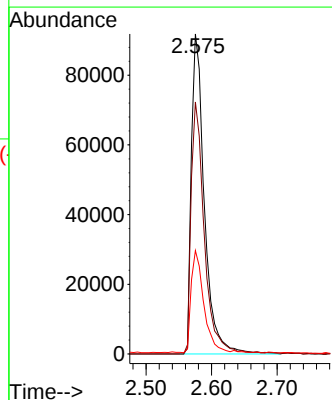
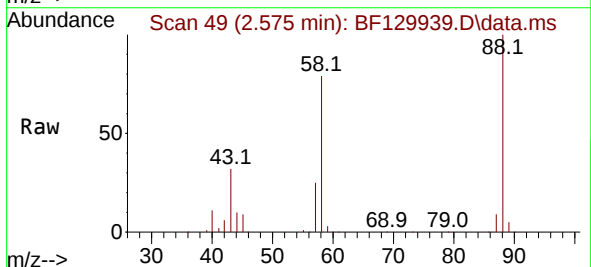
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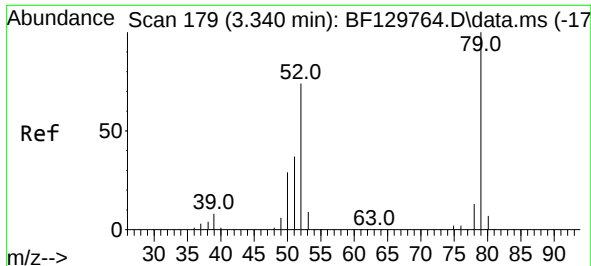
Tgt Ion:152 Resp: 145008
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.9 190.3
 115 67.2 53.4 80.0



#2
 1,4-Dioxane
 Concen: 35.108 ng
 RT: 2.575 min Scan# 49
 Delta R.T. 0.094 min
 Lab File: BF129939.D
 Acq: 22 Aug 2022 14:23

Tgt Ion: 88 Resp: 126855
 Ion Ratio Lower Upper
 88 100
 58 79.8 60.9 91.3
 43 30.6 23.6 35.4

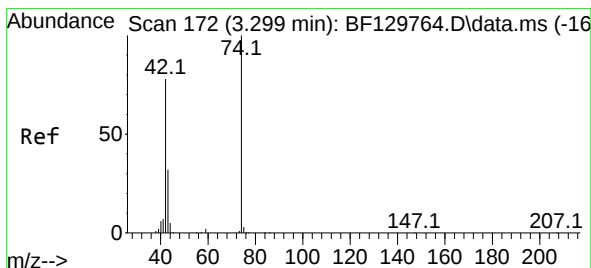
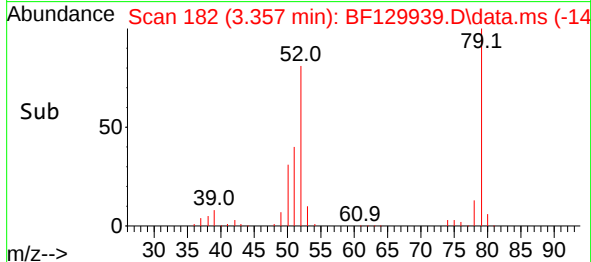
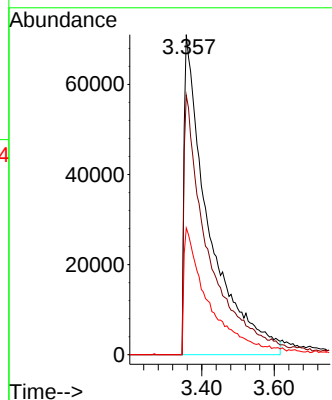
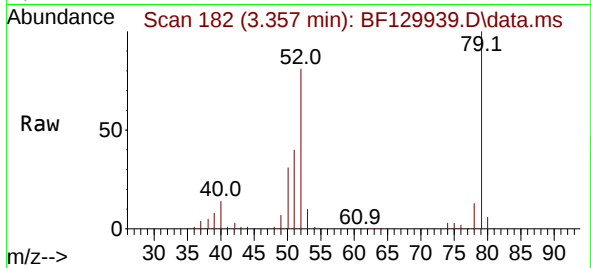




#3
Pyridine
Concen: 35.139 ng
RT: 3.357 min Scan# 11
Delta R.T. 0.112 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

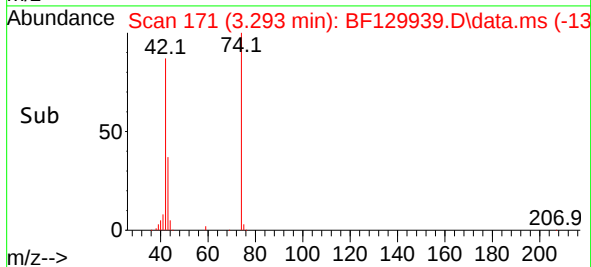
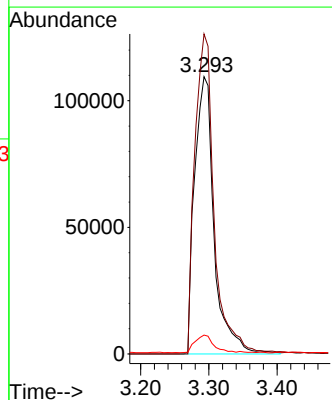
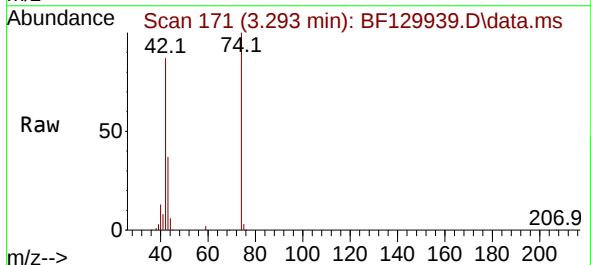
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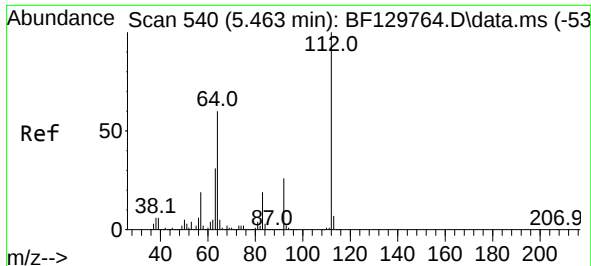
Tgt Ion: 79 Resp: 332270
Ion Ratio Lower Upper
79 100
52 81.1 59.4 89.2
51 39.6 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 49.935 ng
RT: 3.293 min Scan# 171
Delta R.T. 0.088 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion: 42 Resp: 217603
Ion Ratio Lower Upper
42 100
74 115.4 103.1 154.7
44 6.8 5.4 8.2

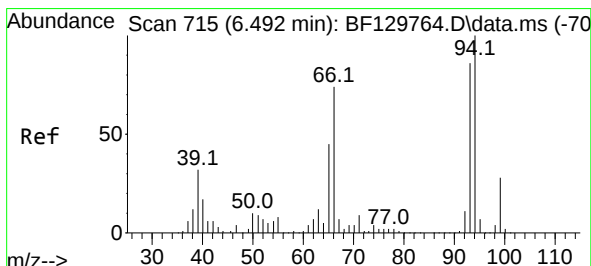
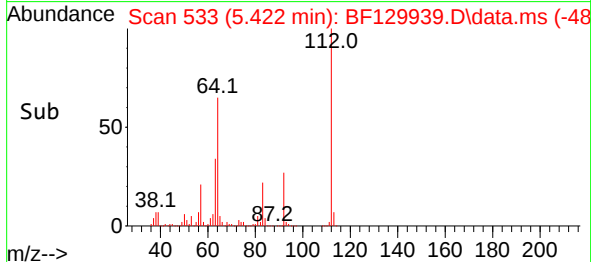
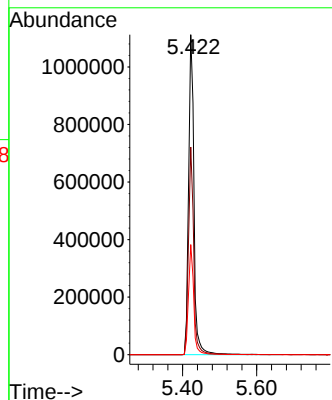
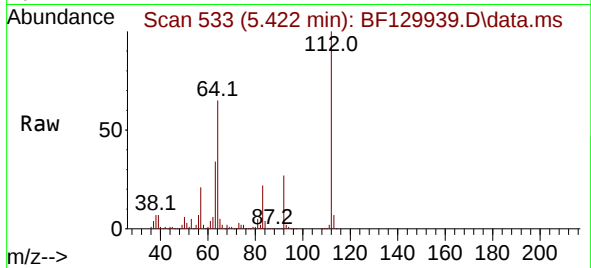




#5
2-Fluorophenol
Concen: 127.375 ng
RT: 5.422 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

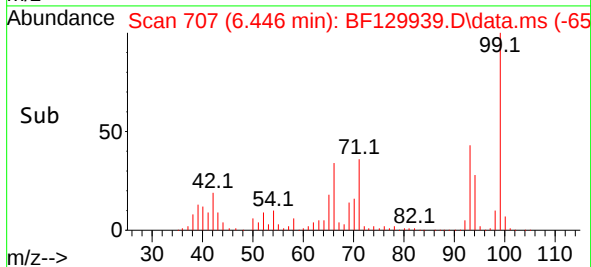
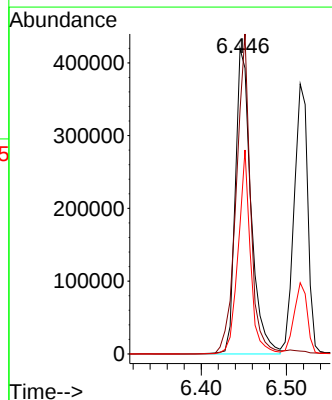
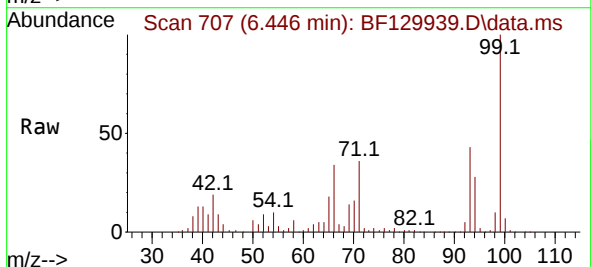
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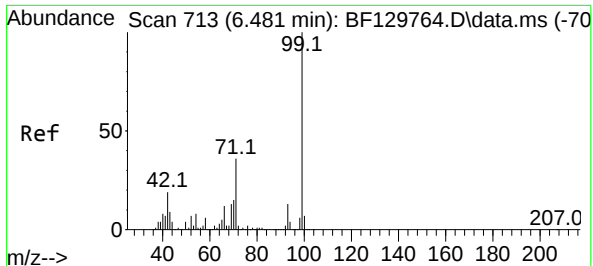
Tgt Ion:112 Resp: 1115562
Ion Ratio Lower Upper
112 100
64 64.9 47.6 71.4
63 34.4 24.6 37.0



#6
Aniline
Concen: 42.904 ng
RT: 6.446 min Scan# 707
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion: 93 Resp: 536317
Ion Ratio Lower Upper
93 100
66 79.9 68.7 103.1
65 42.3 41.6 62.4

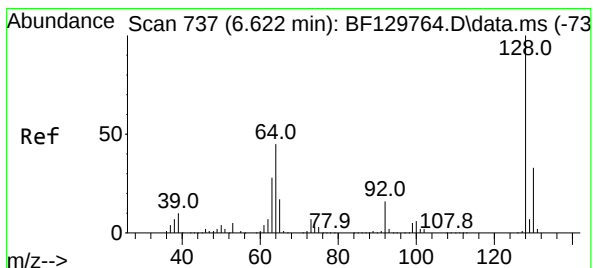
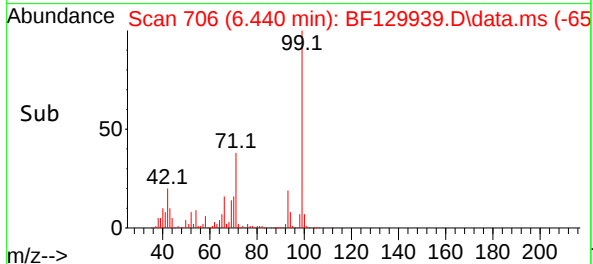
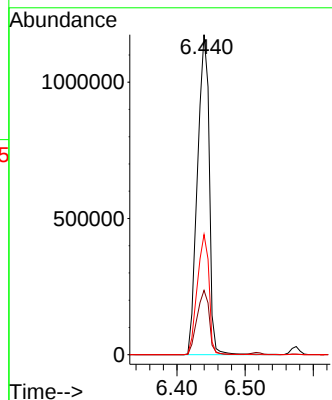
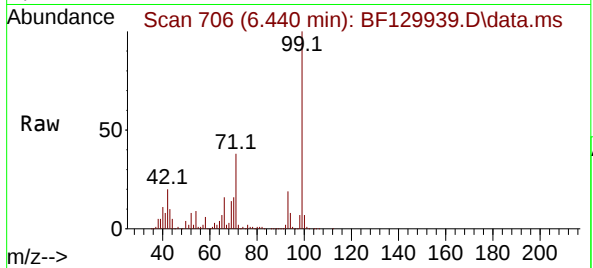




#7
Phenol-d6
Concen: 128.102 ng
RT: 6.440 min Scan# 706
Delta R.T. 0.006 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

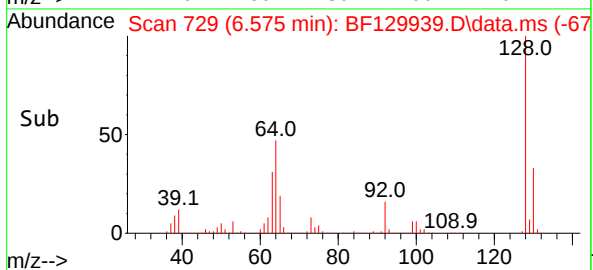
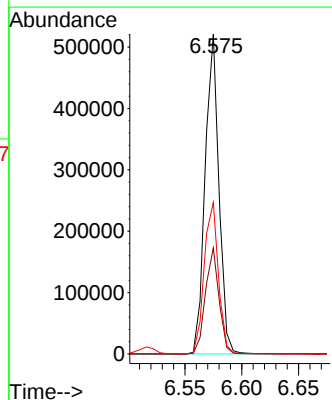
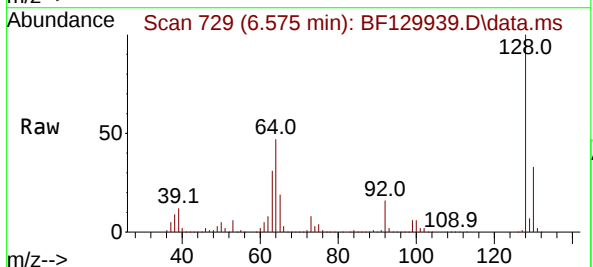
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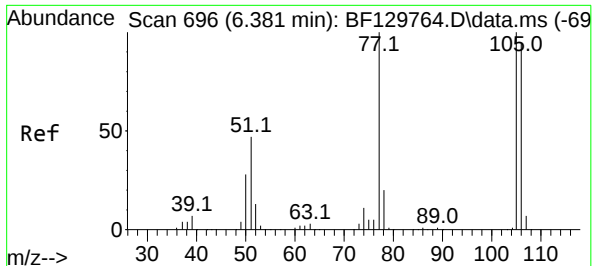
Tgt Ion: 99 Resp: 1404976
Ion Ratio Lower Upper
99 100
42 20.1 15.0 22.4
71 37.5 28.8 43.2



#8
2-Chlorophenol
Concen: 44.989 ng
RT: 6.575 min Scan# 729
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion: 128 Resp: 438633
Ion Ratio Lower Upper
128 100
130 33.2 12.5 52.5
64 47.3 24.9 64.9

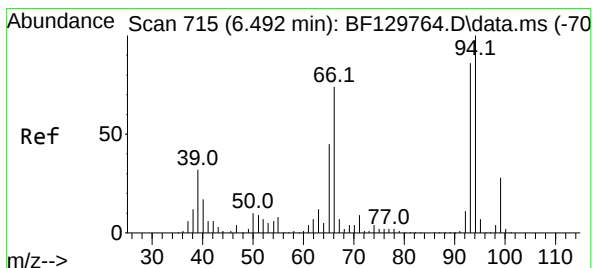
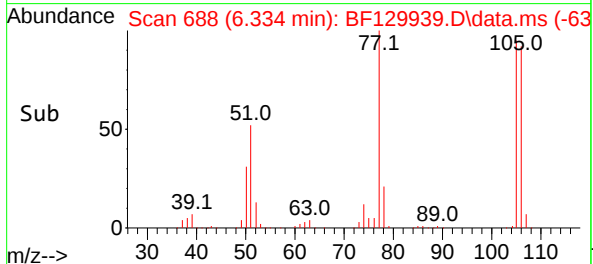
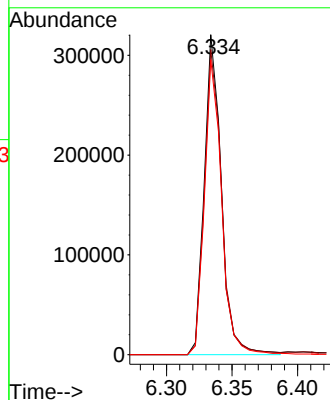
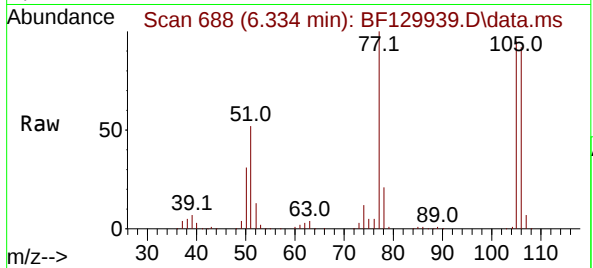




#9
Benzaldehyde
Concen: 51.658 ng
RT: 6.334 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF129939.D
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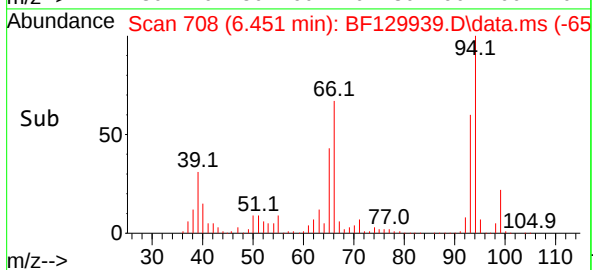
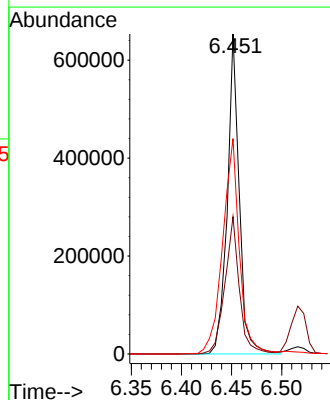
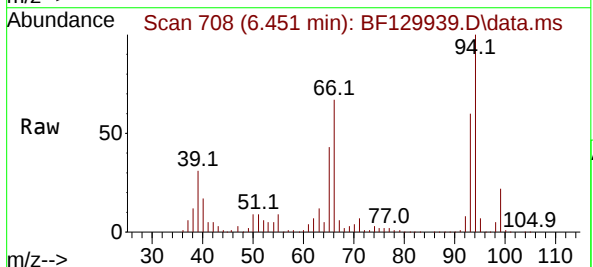
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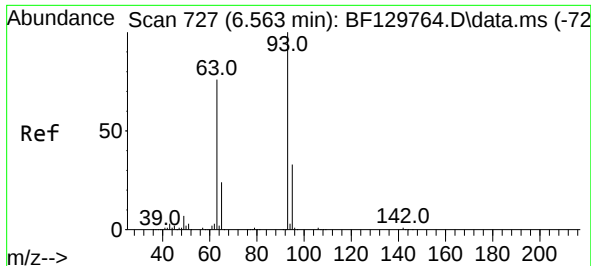
Tgt Ion: 77 Resp: 291899
Ion Ratio Lower Upper
77 100
105 95.3 80.3 120.3
106 92.2 74.3 114.3



#10
Phenol
Concen: 44.956 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion: 94 Resp: 540845
Ion Ratio Lower Upper
94 100
65 42.9 24.9 64.9
66 67.3 54.2 94.2

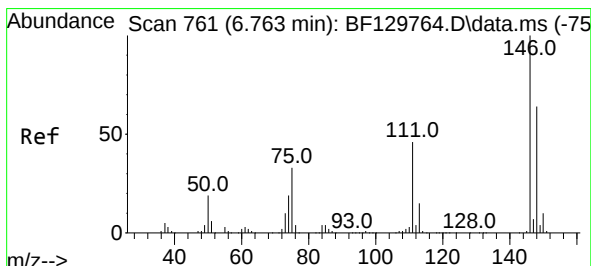
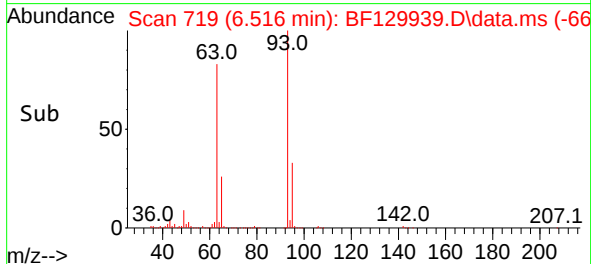
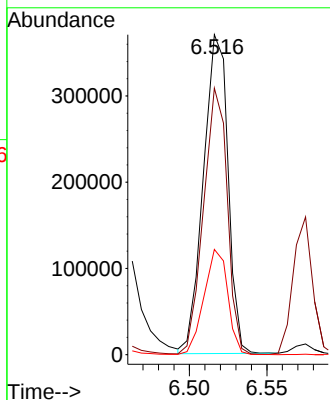
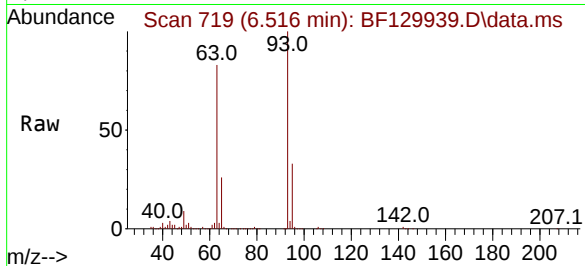




#11
bis(2-Chloroethyl)ether
Concen: 44.782 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

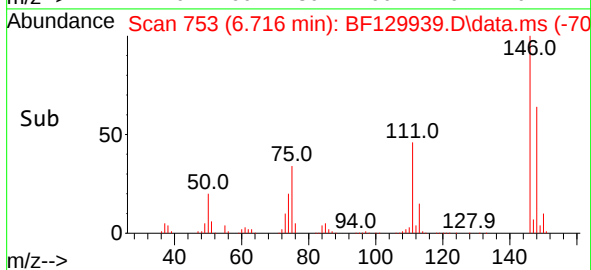
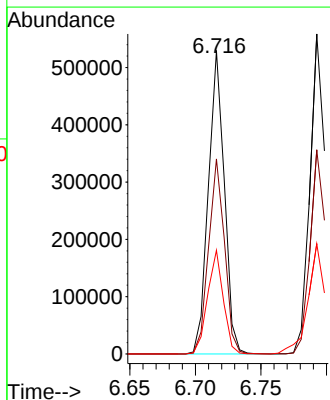
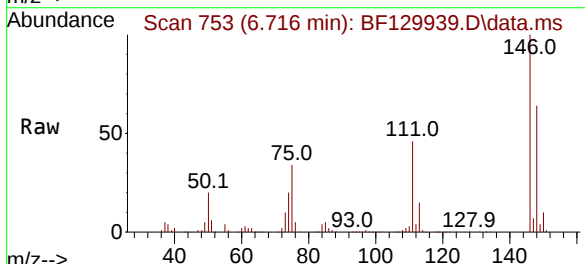
Instrument :
BNA_F
ClientSampleId :
PB146994BS

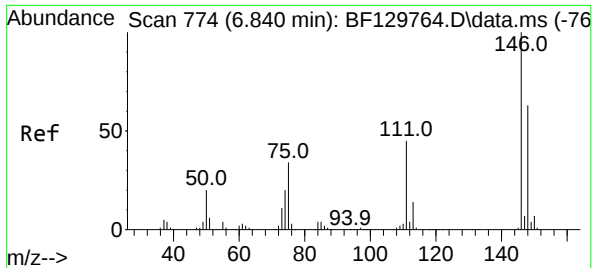
Tgt Ion: 93 Resp: 409116
Ion Ratio Lower Upper
93 100
63 83.3 55.9 95.9
95 32.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 42.702 ng
RT: 6.716 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion:146 Resp: 449467
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
75 34.2 26.5 39.7

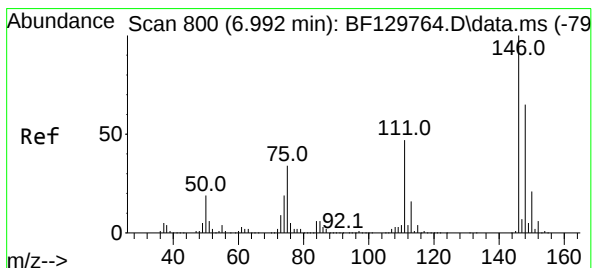
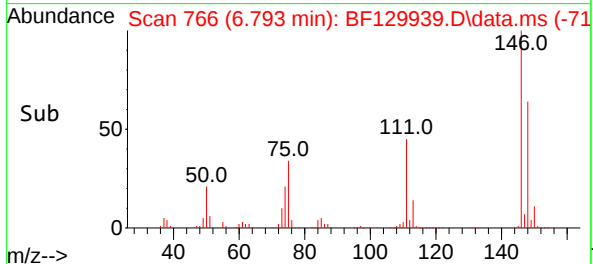
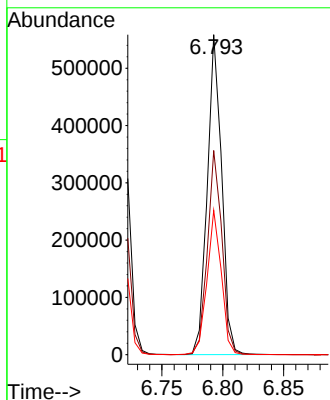
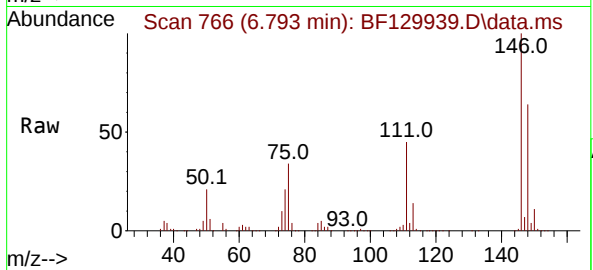




#13
1,4-Dichlorobenzene
Concen: 42.480 ng
RT: 6.793 min Scan# 701
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

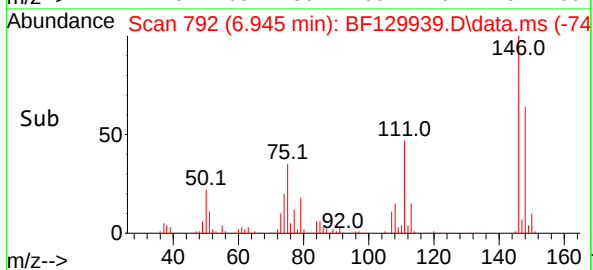
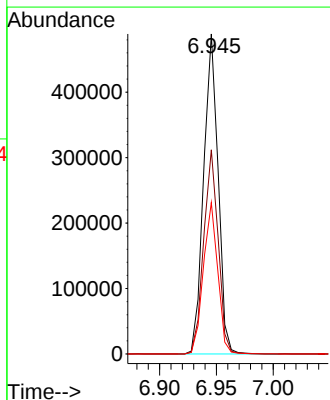
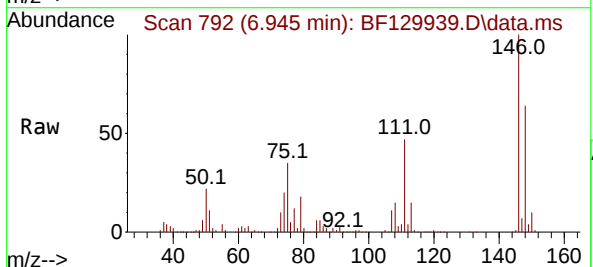
Instrument :
BNA_F
ClientSampleId :
PB146994BS

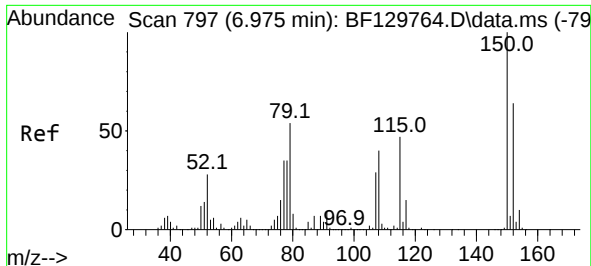
Tgt Ion:146 Resp: 456863
Ion Ratio Lower Upper
146 100
148 63.8 50.6 75.8
111 45.1 36.2 54.4



#14
1,2-Dichlorobenzene
Concen: 43.293 ng
RT: 6.945 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion:146 Resp: 432439
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.6
111 47.3 37.2 55.8

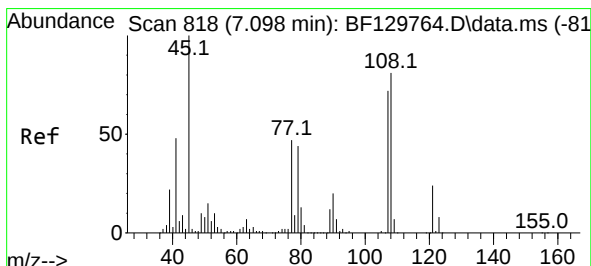
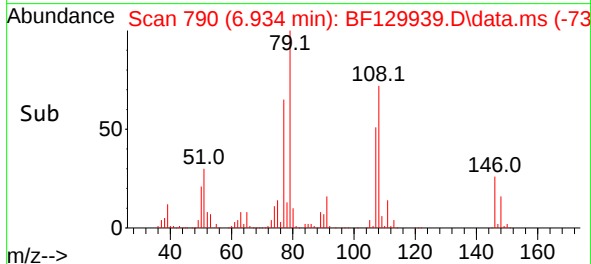
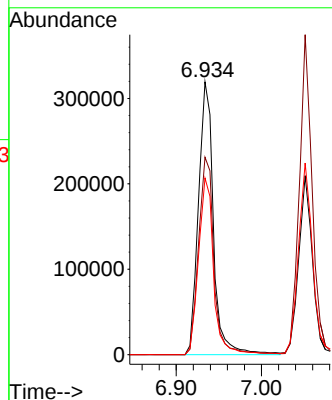
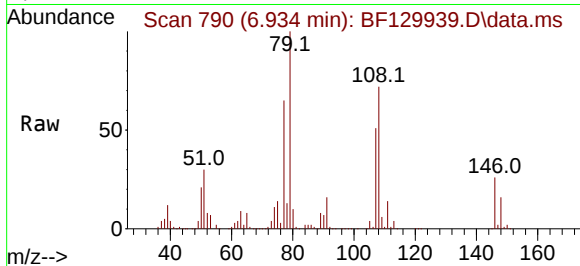




#15
Benzyl Alcohol
Concen: 47.268 ng
RT: 6.934 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

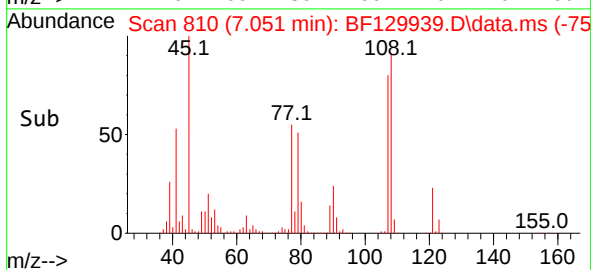
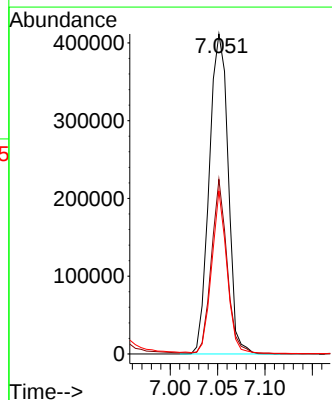
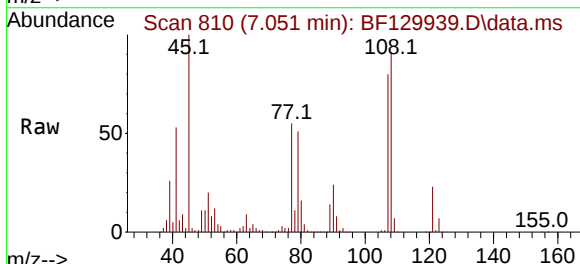
Instrument :
BNA_F
ClientSampleId :
PB146994BS

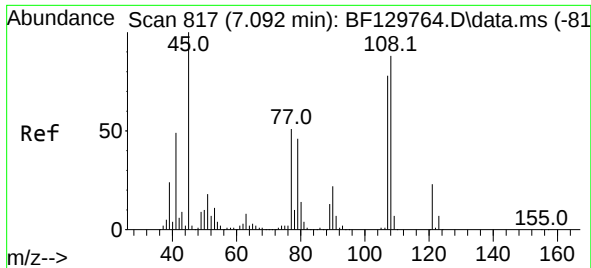
Tgt Ion: 79 Resp: 391365
Ion Ratio Lower Upper
79 100
108 72.4 59.2 88.8
77 64.7 51.9 77.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.603 ng
RT: 7.051 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion: 45 Resp: 570494
Ion Ratio Lower Upper
45 100
77 54.6 27.4 67.4
79 50.9 24.4 64.4

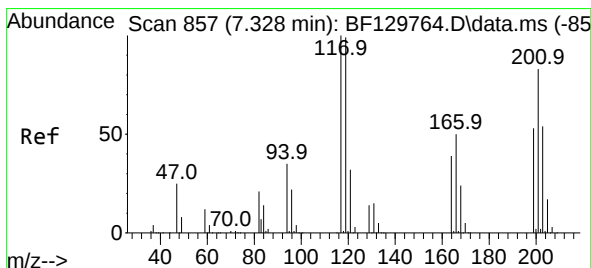
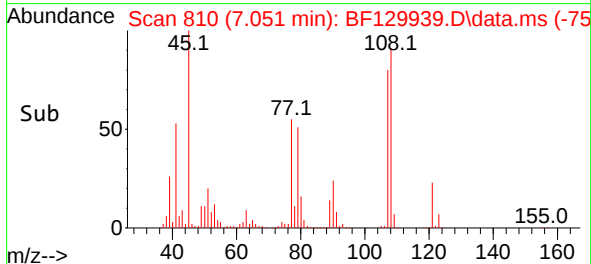
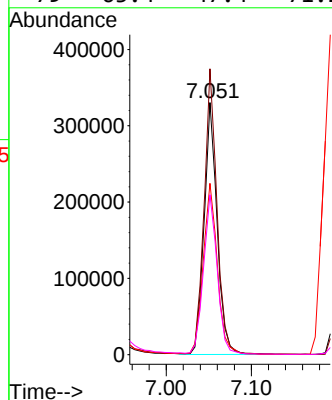
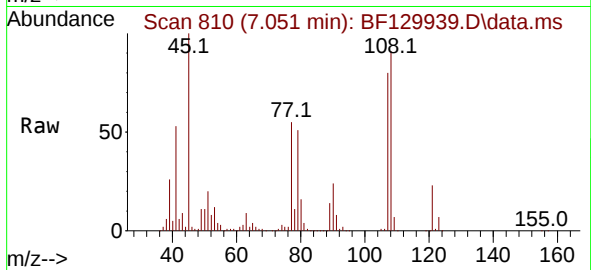




#17
2-Methylphenol
Concen: 44.853 ng
RT: 7.051 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

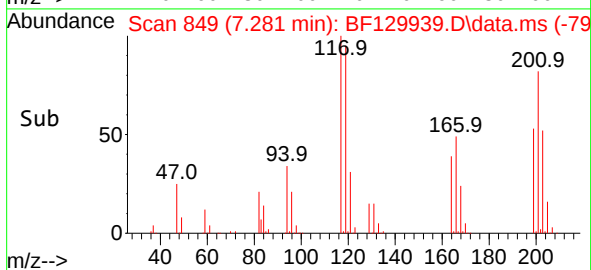
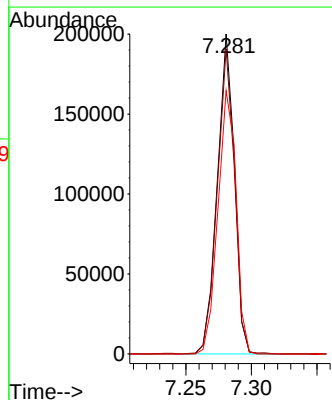
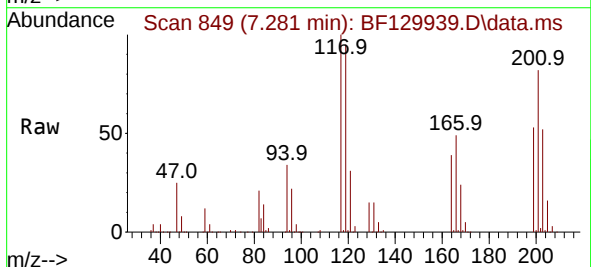
Instrument :
BNA_F
ClientSampleId :
PB146994BS

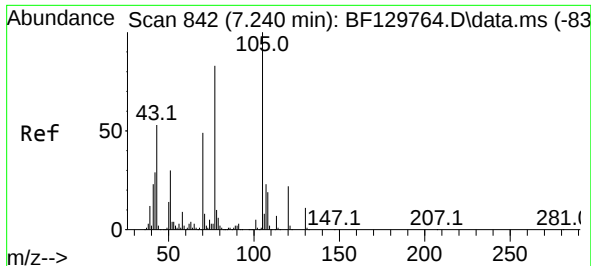
Tgt Ion:	107	Resp:	351137
Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.2	135.2
77	67.9	51.8	77.8
79	63.4	47.4	71.2



#18
Hexachloroethane
Concen: 44.985 ng
RT: 7.281 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion:	117	Resp:	181681
Ion	Ratio	Lower	Upper
117	100		
119	95.4	79.1	118.7
201	82.3	66.6	100.0





#19

n-Nitroso-di-n-propylamine

Concen: 46.433 ng

RT: 7.198 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF129939.D

Acq: 22 Aug 2022 14:23

Instrument :

BNA_F

ClientSampleId :

PB146994BS

Tgt Ion: 70 Resp: 321899

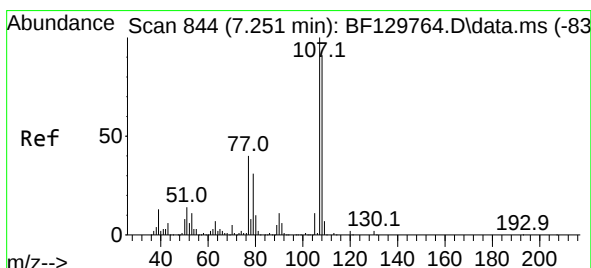
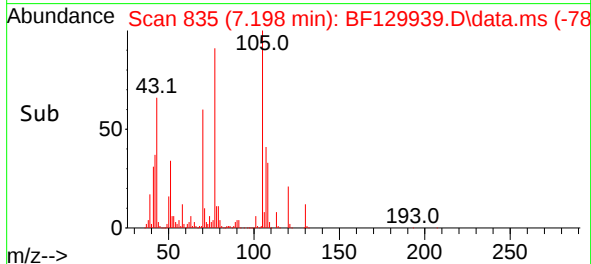
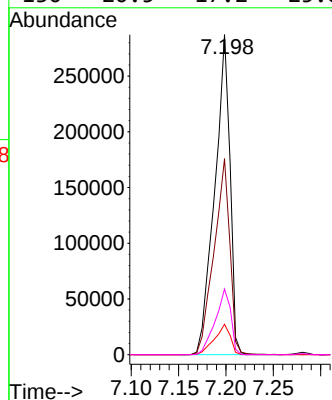
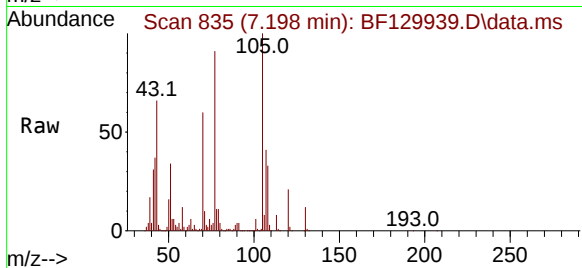
Ion Ratio Lower Upper

70 100

42 61.2 47.6 71.4

101 9.5 8.1 12.1

130 20.5 17.2 25.8



#20

3+4-Methylphenols

Concen: 43.959 ng

RT: 7.204 min Scan# 836

Delta R.T. 0.000 min

Lab File: BF129939.D

Acq: 22 Aug 2022 14:23

Tgt Ion: 107 Resp: 461945

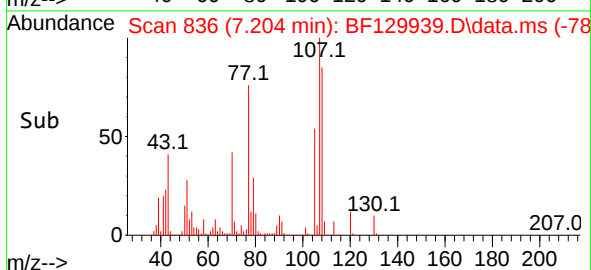
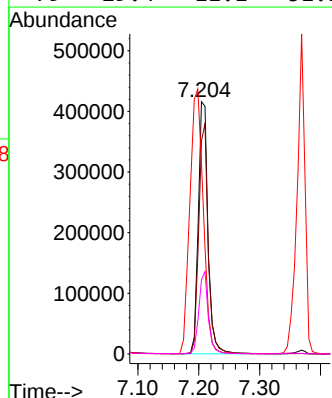
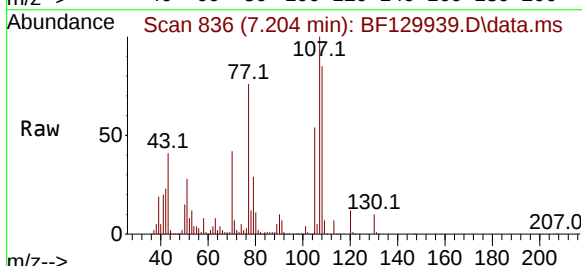
Ion Ratio Lower Upper

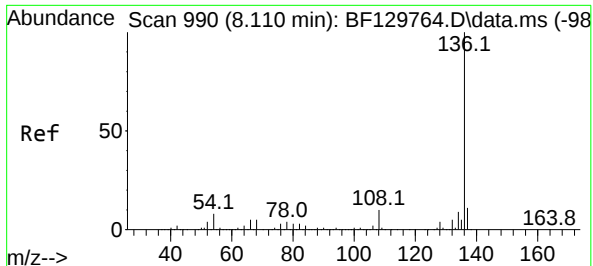
107 100

108 84.5 71.3 111.3

77 75.6 20.4 60.4#

79 29.4 11.1 51.1

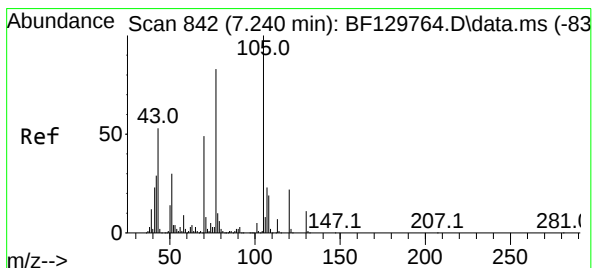
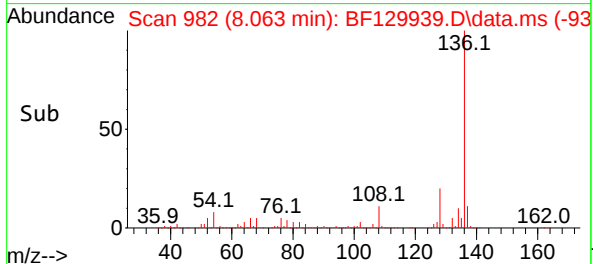
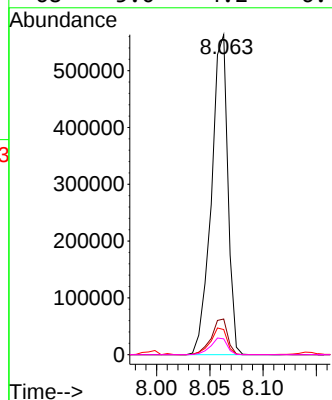
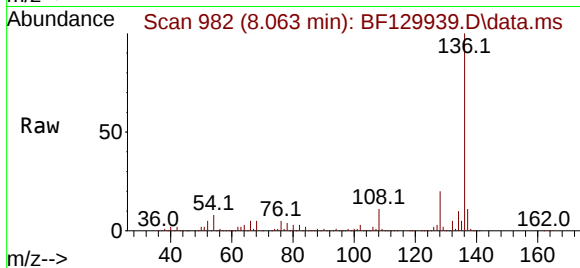




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

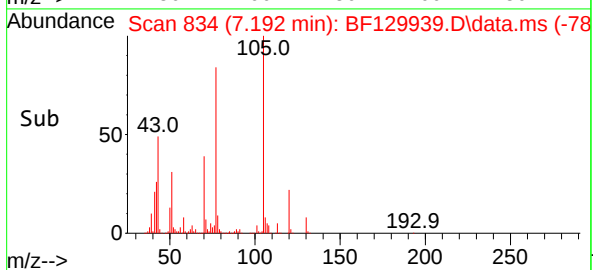
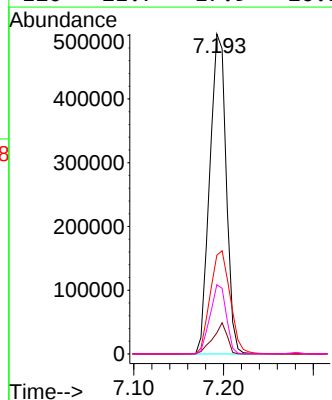
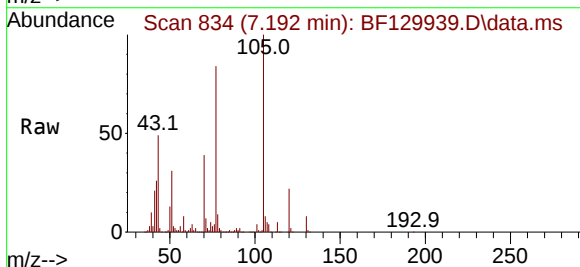
Instrument :
BNA_F
ClientSampleId :
PB146994BS

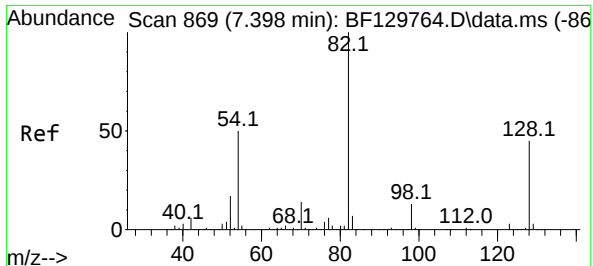
Tgt Ion:	136	Resp:	603109
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.4	12.6
54	7.8	6.2	9.2
68	5.0	4.2	6.4



#22
Acetophenone
Concen: 43.493 ng
RT: 7.192 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion:	105	Resp:	639219
Ion Ratio	Lower	Upper	
105	100		
71	6.6	6.6	9.8
51	30.8	23.8	35.8
120	21.7	17.9	26.9





#23

Nitrobenzene-d5

Concen: 82.598 ng

RT: 7.351 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF129939.D

Acq: 22 Aug 2022 14:23

Instrument :

BNA_F

ClientSampleId :

PB146994BS

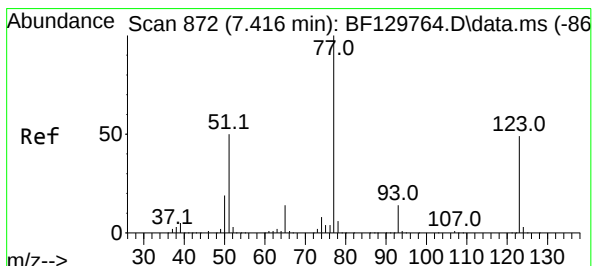
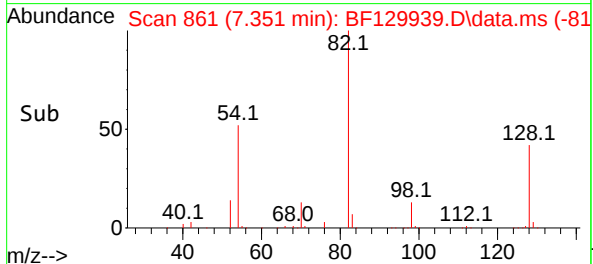
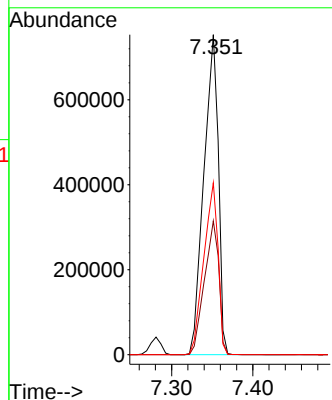
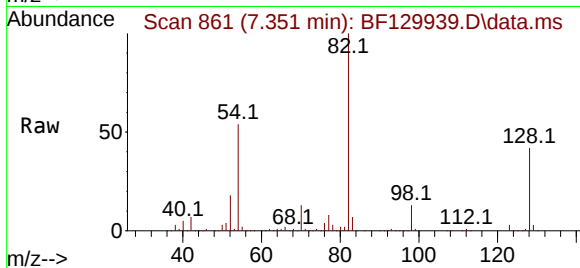
Tgt Ion: 82 Resp: 930582

Ion Ratio Lower Upper

82 100

128 41.8 36.1 54.1

54 53.7 40.0 60.0



#24

Nitrobenzene

Concen: 42.361 ng

RT: 7.369 min Scan# 864

Delta R.T. 0.000 min

Lab File: BF129939.D

Acq: 22 Aug 2022 14:23

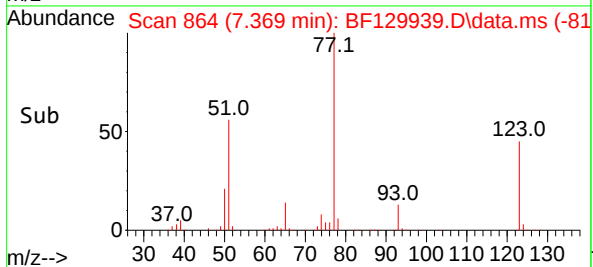
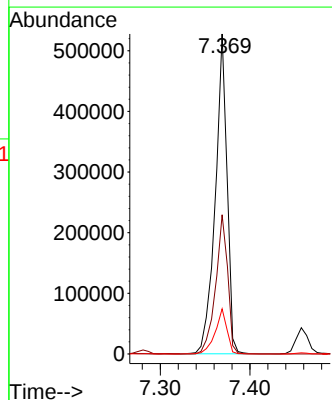
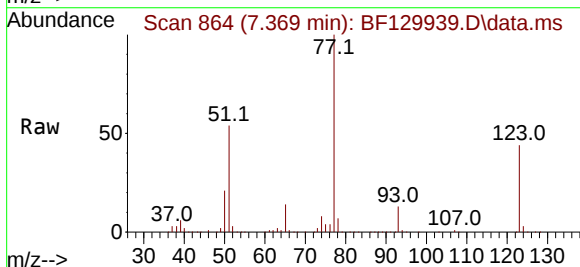
Tgt Ion: 77 Resp: 481239

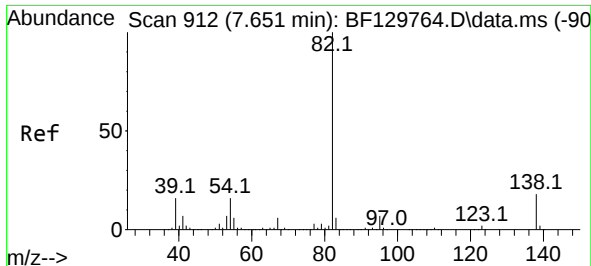
Ion Ratio Lower Upper

77 100

123 43.5 39.2 58.8

65 14.1 11.1 16.7

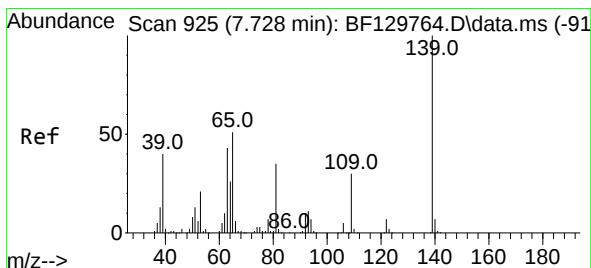
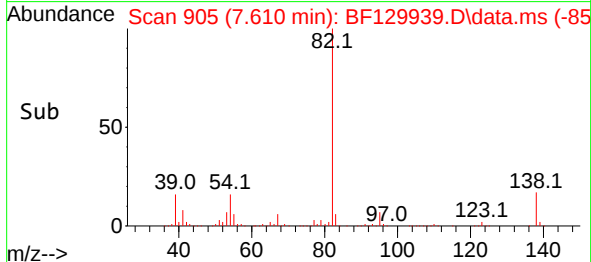
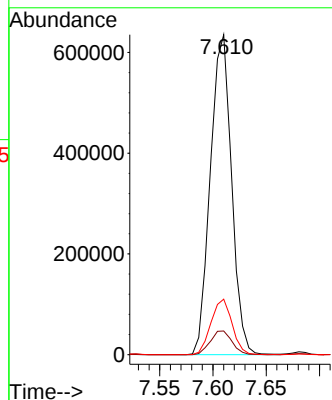
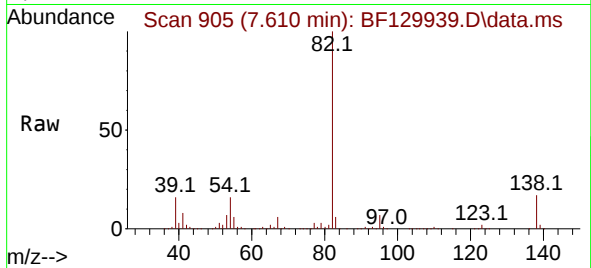




#25
Isophorone
Concen: 45.471 ng
RT: 7.610 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

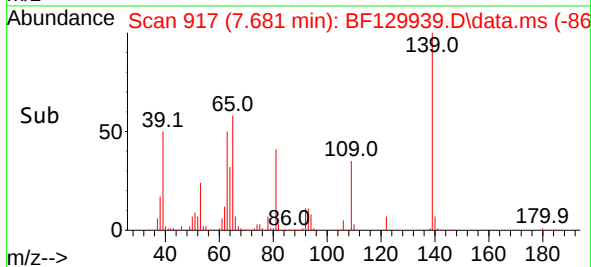
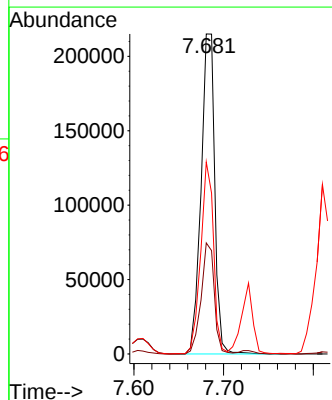
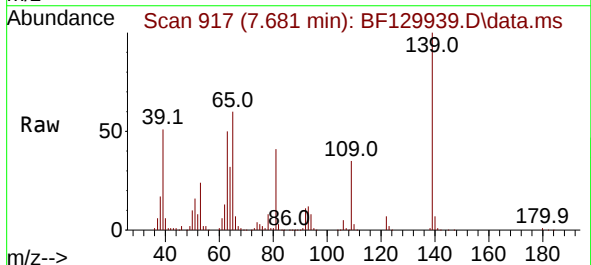
Instrument :
BNA_F
ClientSampleId :
PB146994BS

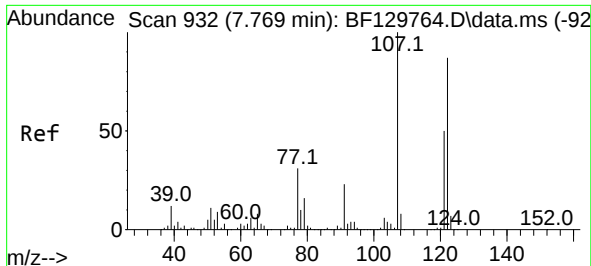
Tgt Ion: 82 Resp: 881735
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 17.4 14.6 21.8



#26
2-Nitrophenol
Concen: 40.844 ng
RT: 7.681 min Scan# 917
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion: 139 Resp: 228239
Ion Ratio Lower Upper
139 100
109 34.7 24.4 36.6
65 60.0 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 46.873 ng

RT: 7.728 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129939.D

Acq: 22 Aug 2022 14:23

Instrument :

BNA_F

ClientSampleId :

PB146994BS

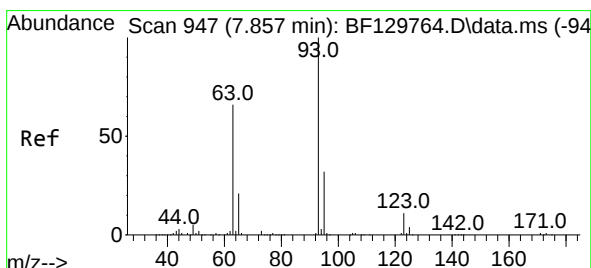
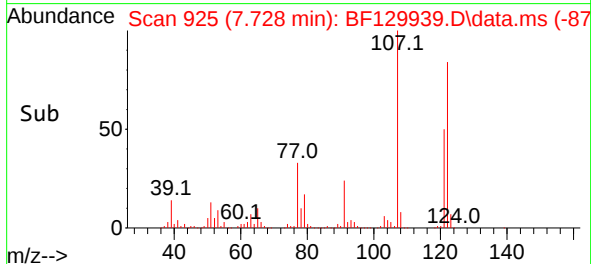
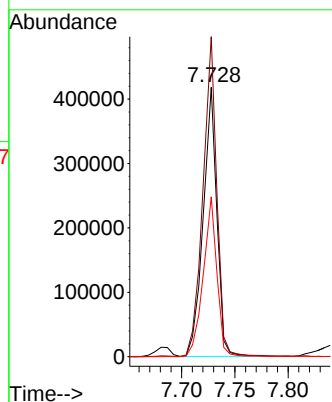
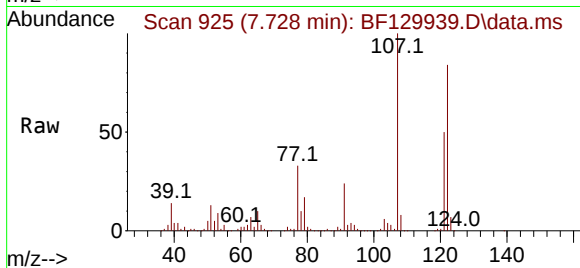
Tgt Ion:122 Resp: 375636

Ion Ratio Lower Upper

122 100

107 118.8 92.2 138.4

121 59.4 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 45.964 ng

RT: 7.810 min Scan# 939

Delta R.T. 0.000 min

Lab File: BF129939.D

Acq: 22 Aug 2022 14:23

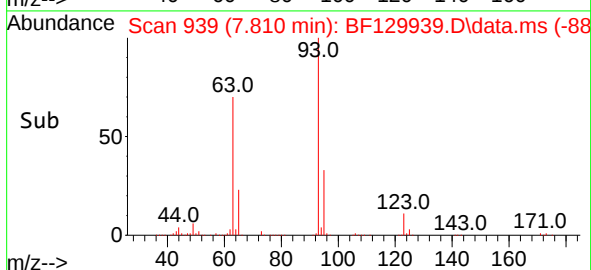
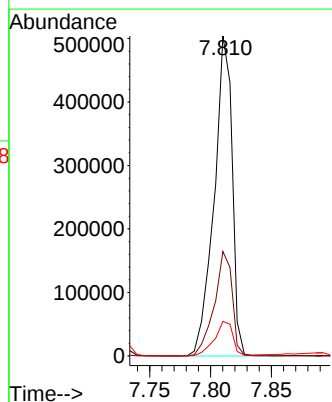
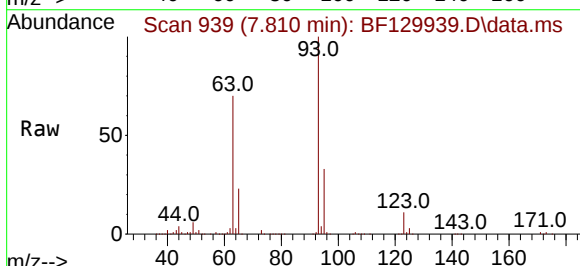
Tgt Ion: 93 Resp: 520405

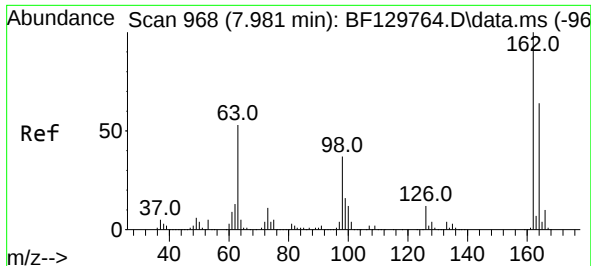
Ion Ratio Lower Upper

93 100

95 32.7 25.6 38.4

123 10.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 41.695 ng

RT: 7.934 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF129939.D

Acq: 22 Aug 2022 14:23

Instrument :

BNA_F

ClientSampleId :

PB146994BS

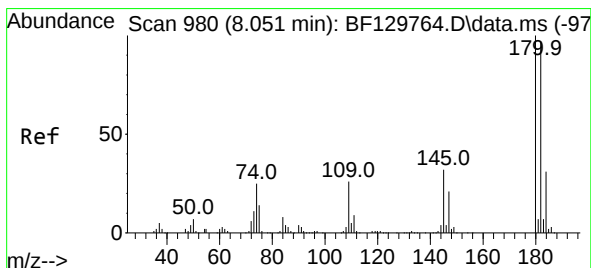
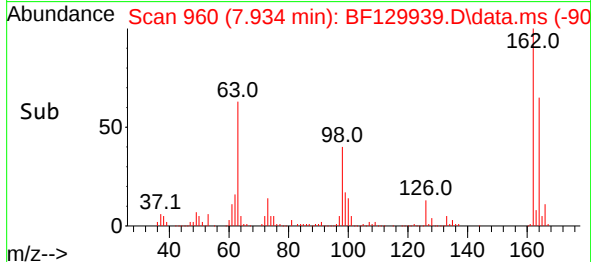
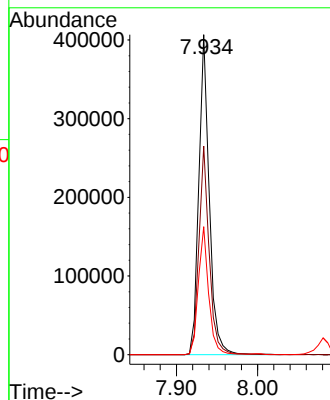
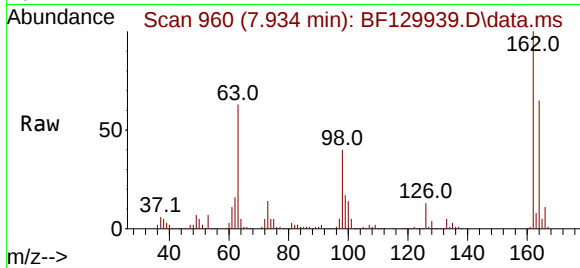
Tgt Ion:162 Resp: 365369

Ion Ratio Lower Upper

162 100

164 65.2 43.7 83.7

98 40.0 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 39.771 ng

RT: 8.004 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF129939.D

Acq: 22 Aug 2022 14:23

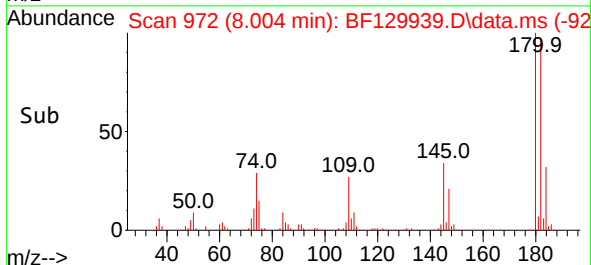
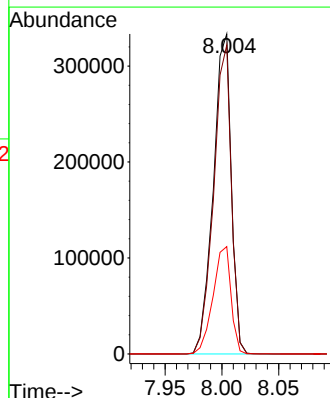
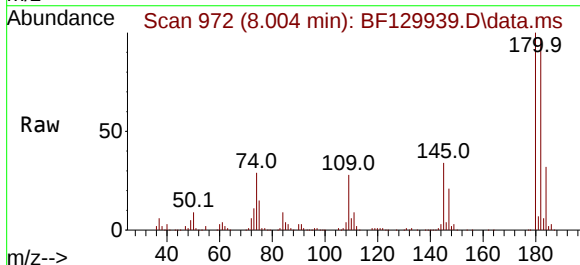
Tgt Ion:180 Resp: 367664

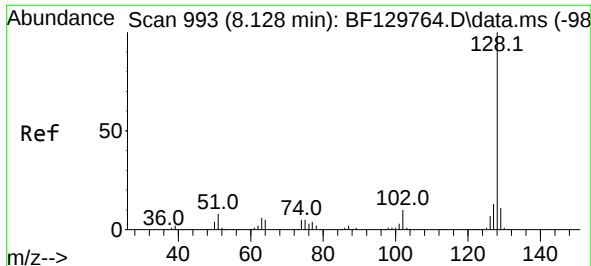
Ion Ratio Lower Upper

180 100

182 96.6 77.6 116.4

145 33.6 25.6 38.4

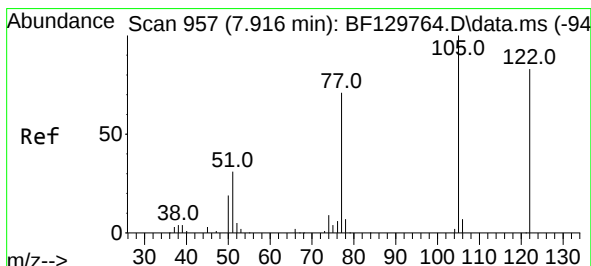
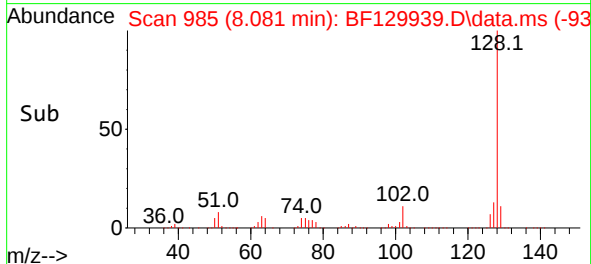
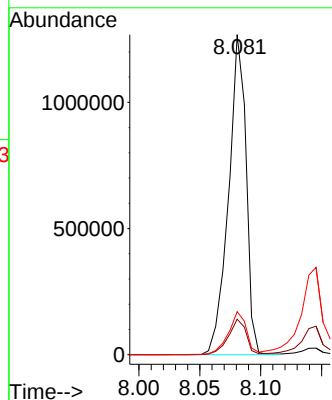
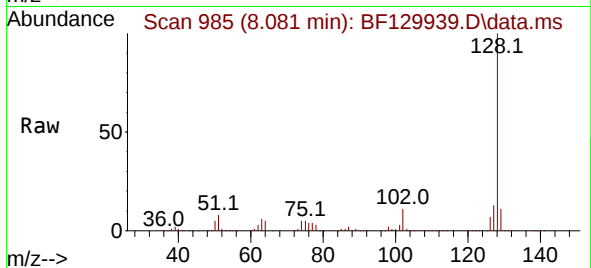




#31
Naphthalene
Concen: 40.326 ng
RT: 8.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

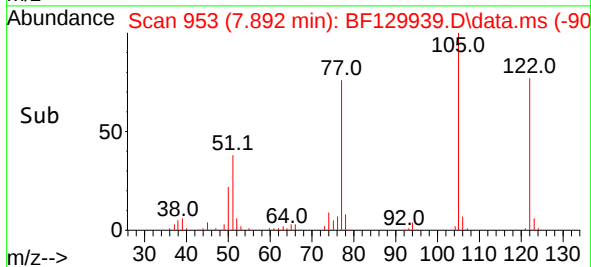
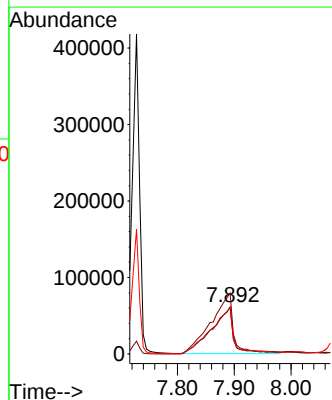
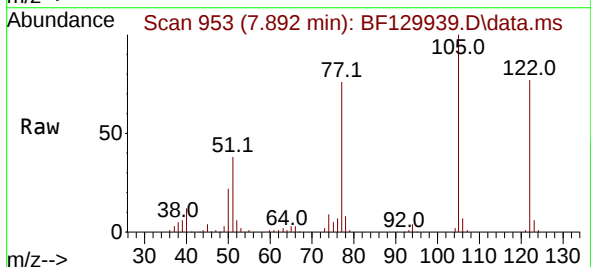
Instrument :
BNA_F
ClientSampleId :
PB146994BS

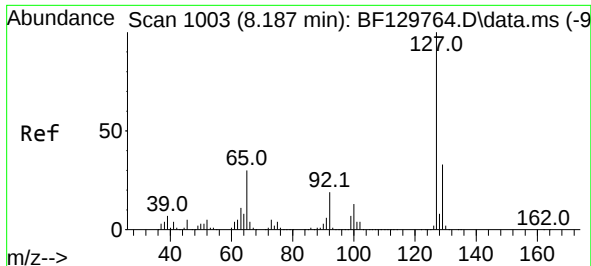
Tgt Ion:128 Resp: 1271649
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 46.748 ng
RT: 7.892 min Scan# 953
Delta R.T. 0.012 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion:122 Resp: 166754
Ion Ratio Lower Upper
122 100
105 129.9 99.9 139.9
77 98.9 65.9 105.9





#33

4-Chloroaniline

Concen: 37.700 ng

RT: 8.145 min Scan# 996

Delta R.T. 0.000 min

Lab File: BF129939.D

Acq: 22 Aug 2022 14:23

Instrument :

BNA_F

ClientSampleId :

PB146994BS

Tgt Ion:127 Resp: 467503

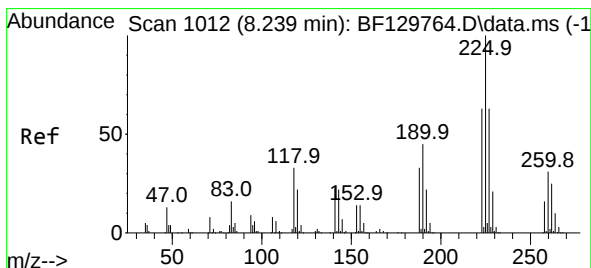
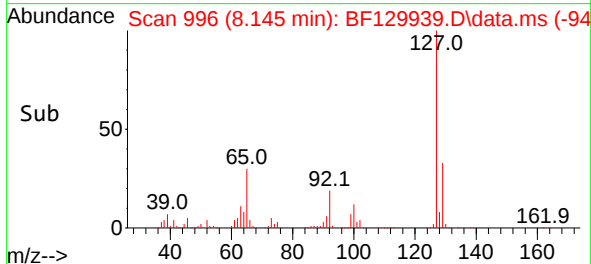
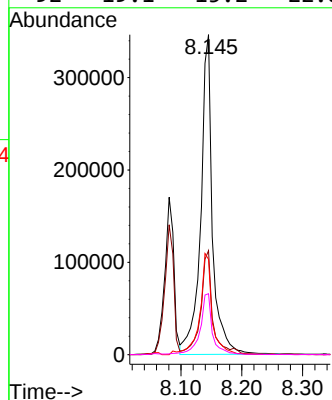
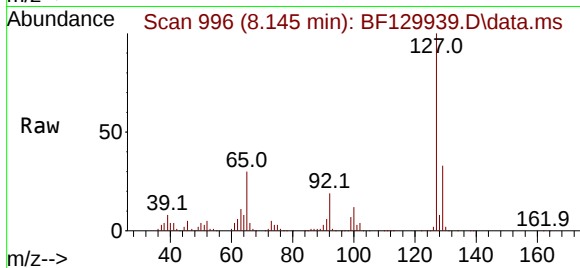
Ion Ratio Lower Upper

127 100

129 32.5 26.7 40.1

65 29.8 24.2 36.2

92 19.1 15.2 22.8



#34

Hexachlorobutadiene

Concen: 40.517 ng

RT: 8.192 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF129939.D

Acq: 22 Aug 2022 14:23

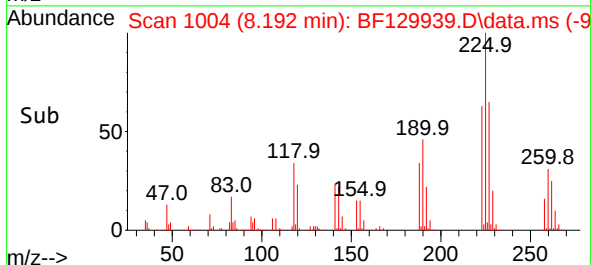
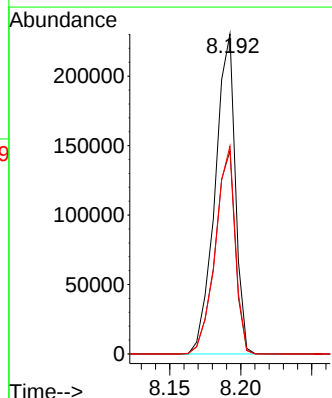
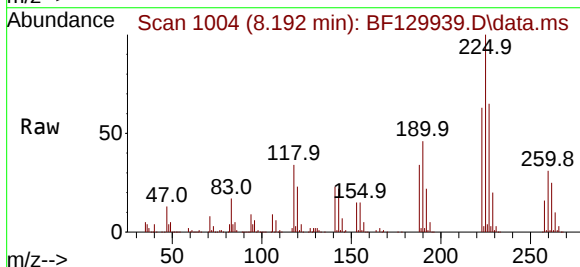
Tgt Ion:225 Resp: 228071

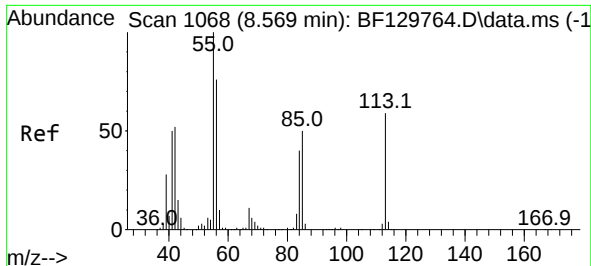
Ion Ratio Lower Upper

225 100

223 63.5 50.2 75.2

227 64.9 50.6 75.8

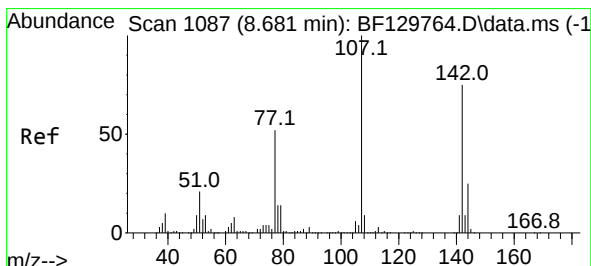
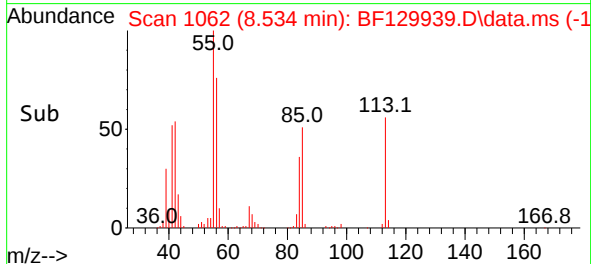
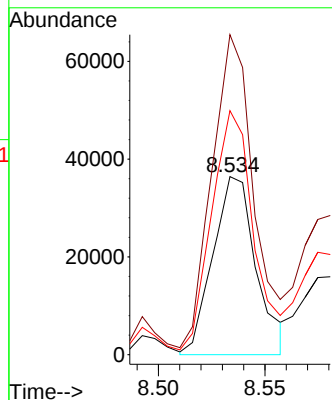
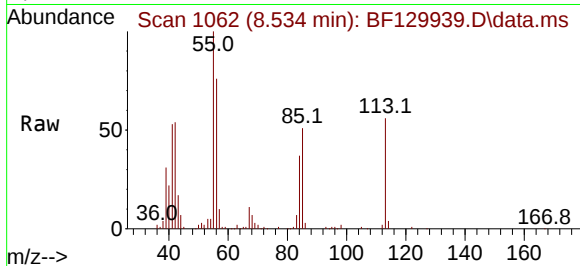




#35
 Caprolactam
 Concen: 18.817 ng
 RT: 8.534 min Scan# 1062
 Delta R.T. 0.006 min
 Lab File: BF129939.D
 Acq: 22 Aug 2022 14:23

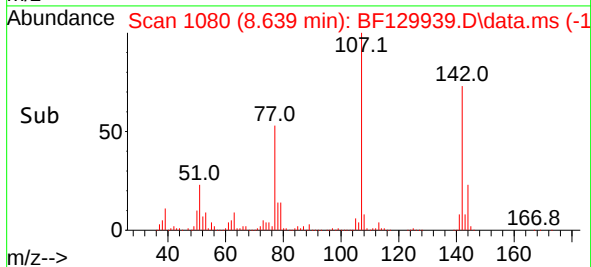
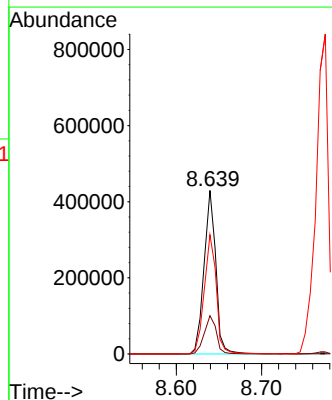
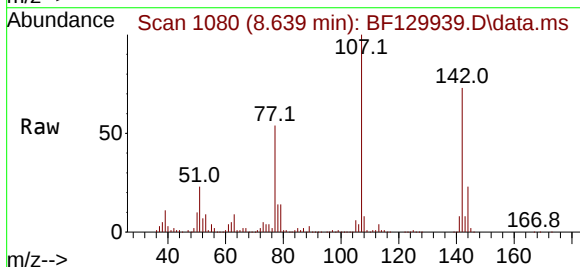
Instrument :
 BNA_F
 ClientSampleId :
 PB146994BS

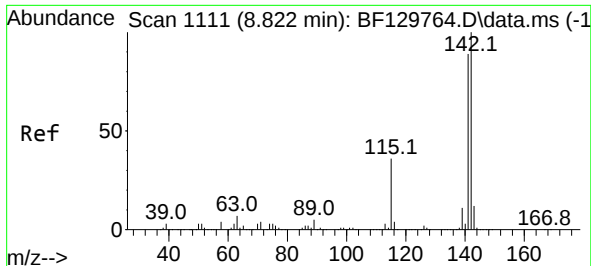
Tgt Ion:113 Resp: 51278
 Ion Ratio Lower Upper
 113 100
 55 179.7 148.8 188.8
 56 137.0 109.1 149.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.678 ng
 RT: 8.639 min Scan# 1080
 Delta R.T. 0.006 min
 Lab File: BF129939.D
 Acq: 22 Aug 2022 14:23

Tgt Ion:107 Resp: 412918
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.9 29.9
 142 72.9 60.2 90.4





#37

2-Methylnaphthalene

Concen: 40.631 ng

RT: 8.775 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BF129939.D

Acq: 22 Aug 2022 14:23

Instrument :

BNA_F

ClientSampleId :

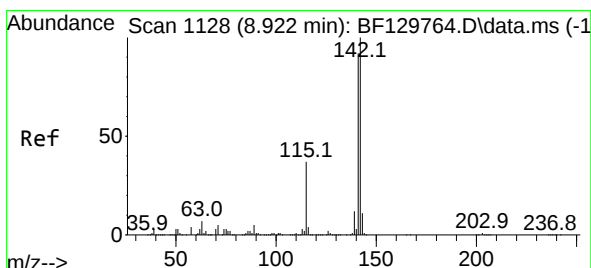
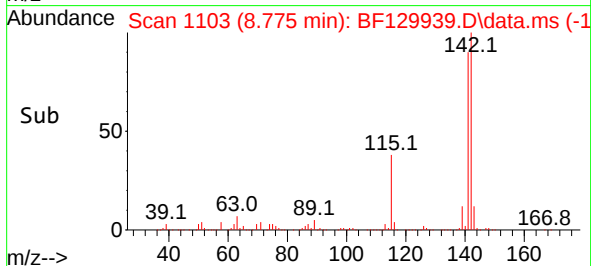
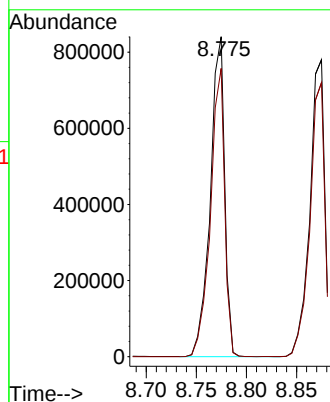
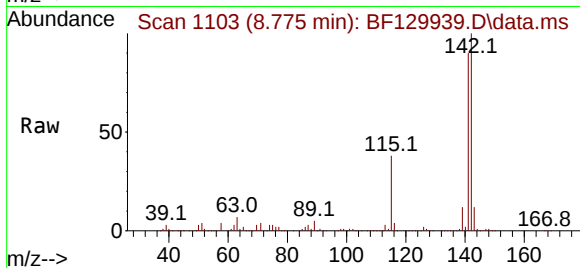
PB146994BS

Tgt Ion:142 Resp: 840931

Ion Ratio Lower Upper

142 100

141 90.1 70.9 106.3



#38

1-Methylnaphthalene

Concen: 39.871 ng

RT: 8.875 min Scan# 1120

Delta R.T. 0.006 min

Lab File: BF129939.D

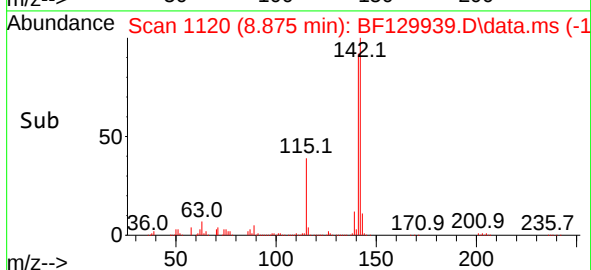
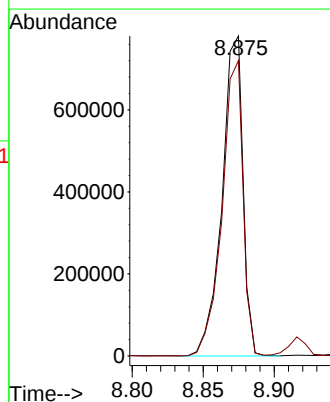
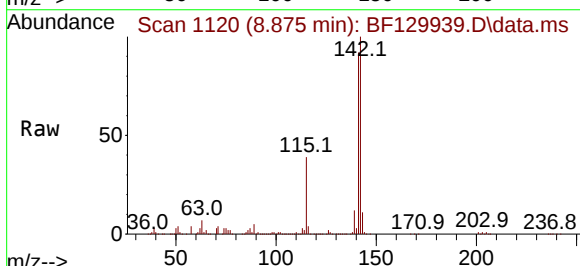
Acq: 22 Aug 2022 14:23

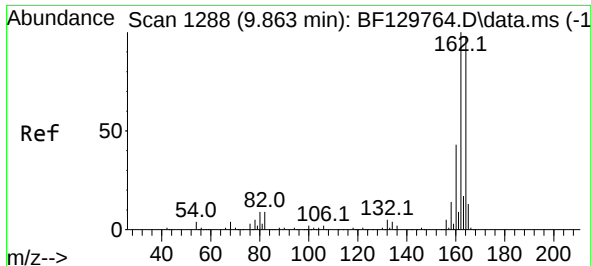
Tgt Ion:142 Resp: 801987

Ion Ratio Lower Upper

142 100

141 92.3 73.5 110.3

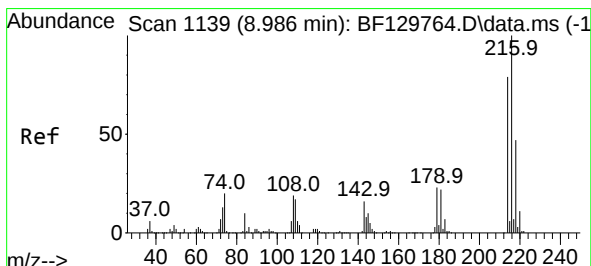
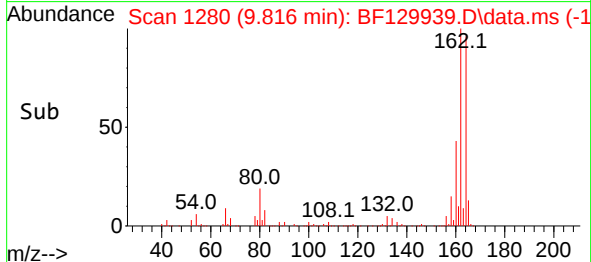
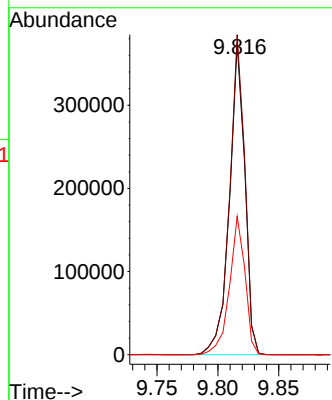
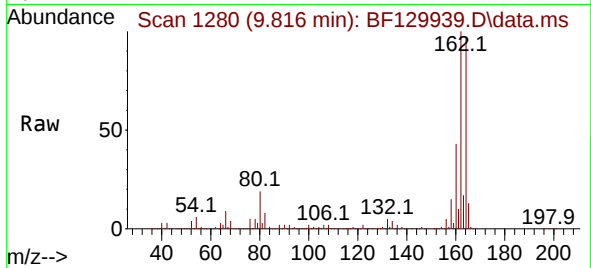




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

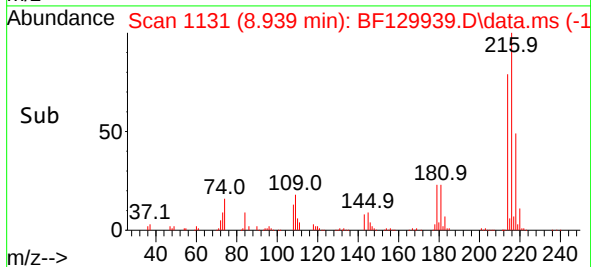
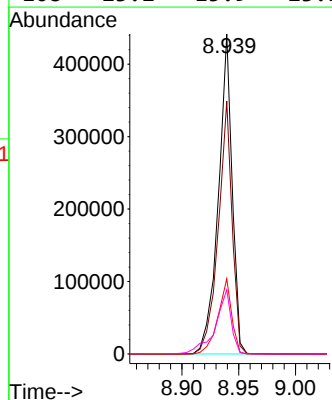
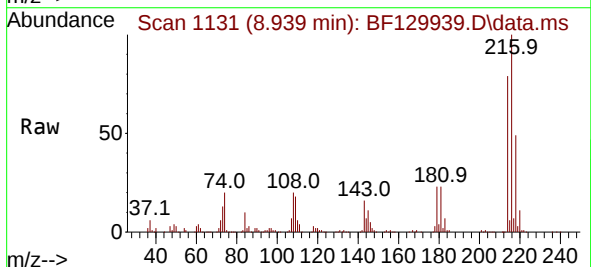
Instrument :
BNA_F
ClientSampleId :
PB146994BS

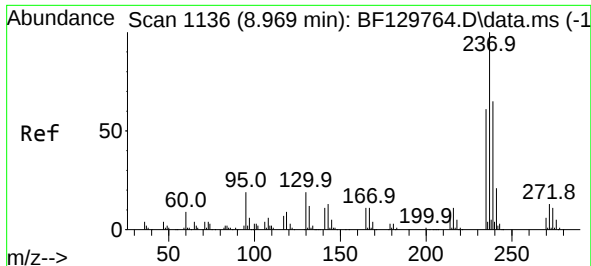
Tgt Ion:164 Resp: 330048
Ion Ratio Lower Upper
164 100
162 102.9 82.0 123.0
160 44.5 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.676 ng
RT: 8.939 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion:216 Resp: 373391
Ion Ratio Lower Upper
216 100
214 79.2 63.1 94.7
179 23.3 18.1 27.1
108 23.2 15.9 23.9

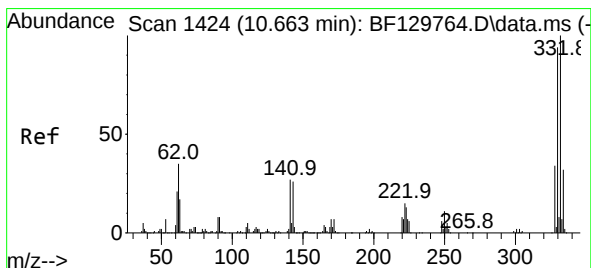
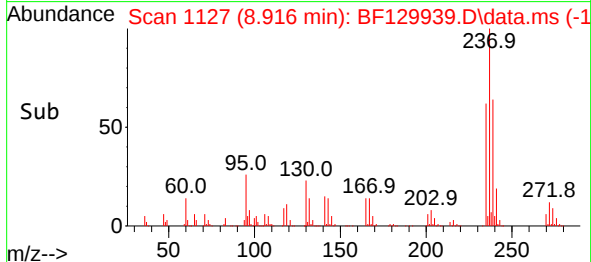
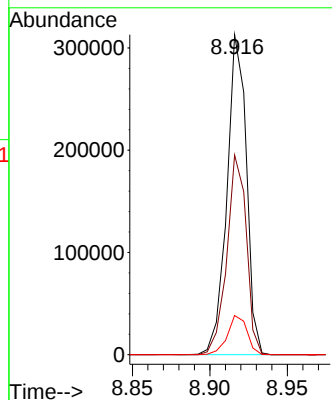
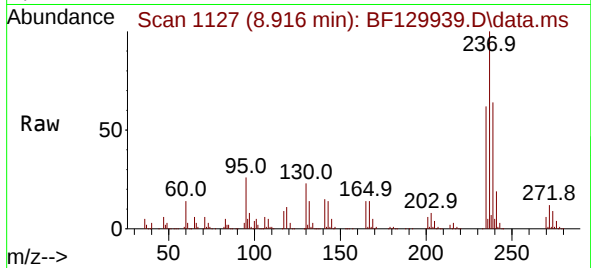




#41
Hexachlorocyclopentadiene
Concen: 87.247 ng
RT: 8.916 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

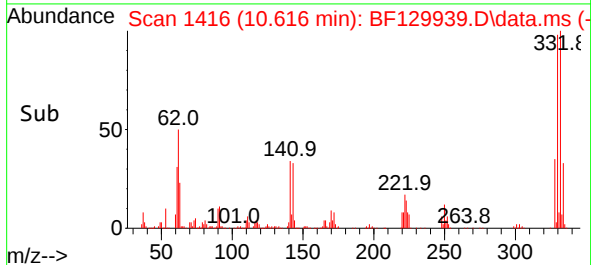
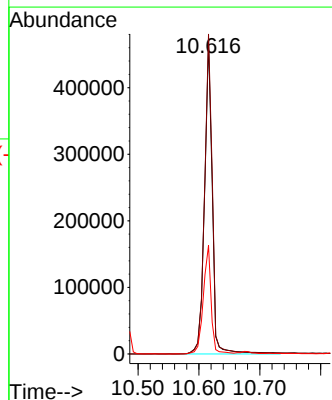
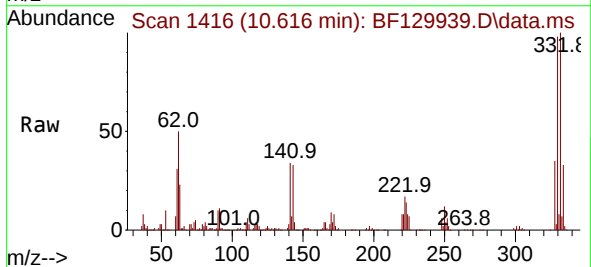
Instrument :
BNA_F
ClientSampleId :
PB146994BS

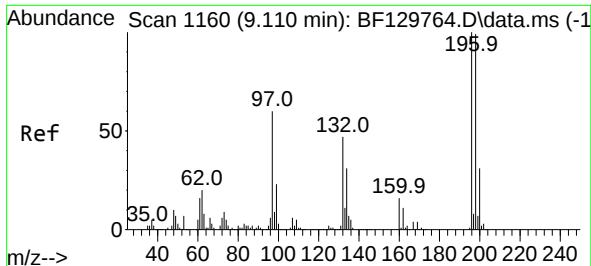
Tgt Ion:237 Resp: 273954
Ion Ratio Lower Upper
237 100
235 62.4 41.5 81.5
272 12.2 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 125.758 ng
RT: 10.616 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion:330 Resp: 416575
Ion Ratio Lower Upper
330 100
332 103.4 82.6 124.0
141 35.1 27.6 41.4

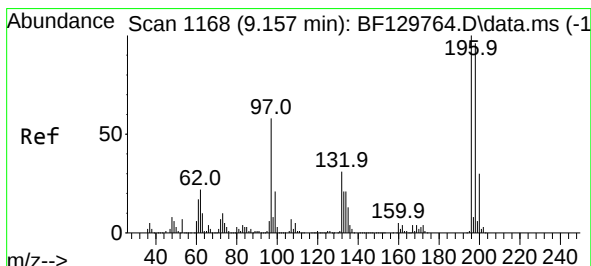
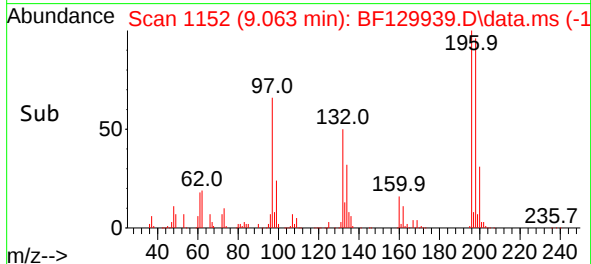
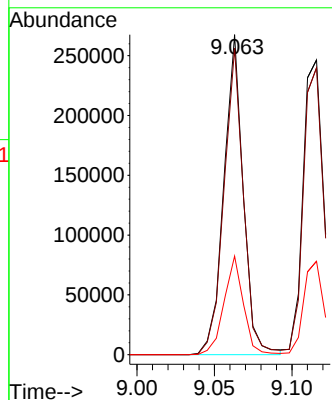
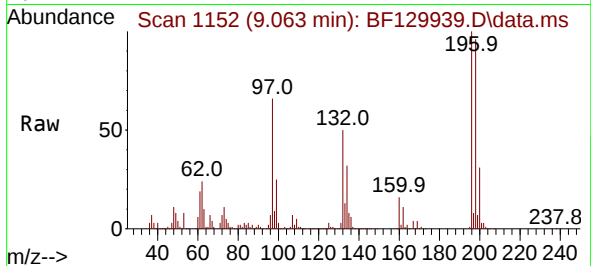




#43
2,4,6-Trichlorophenol
Concen: 39.091 ng
RT: 9.063 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

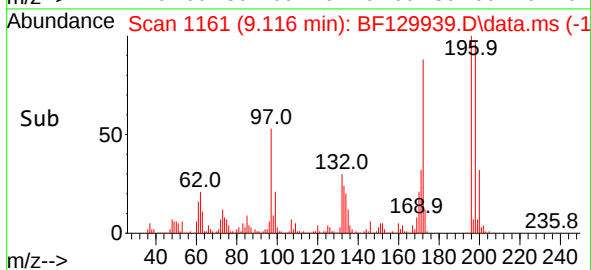
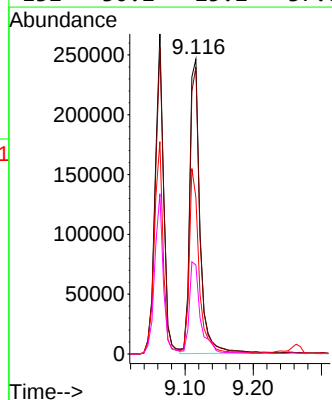
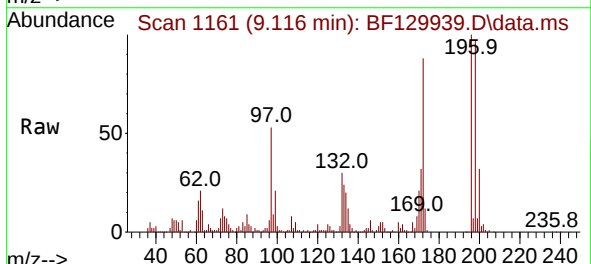
Instrument :
BNA_F
ClientSampleId :
PB146994BS

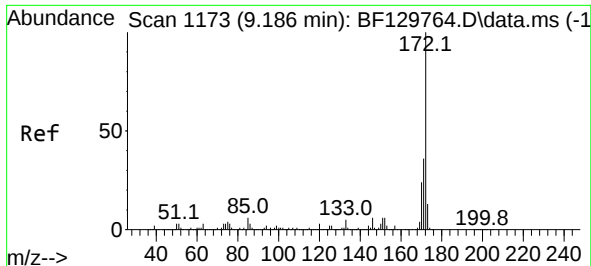
Tgt Ion:196 Resp: 233147
Ion Ratio Lower Upper
196 100
198 95.8 79.0 118.4
200 30.8 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 39.752 ng
RT: 9.116 min Scan# 1161
Delta R.T. 0.006 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion:196 Resp: 255081
Ion Ratio Lower Upper
196 100
198 97.4 76.4 114.6
97 53.1 46.5 69.7
132 30.2 25.2 37.8

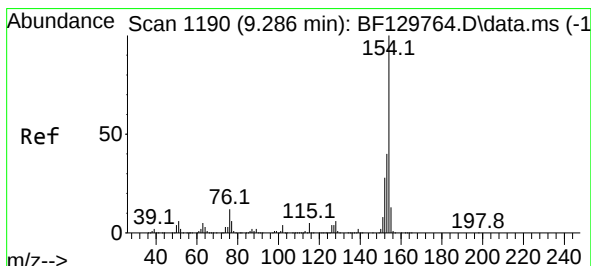
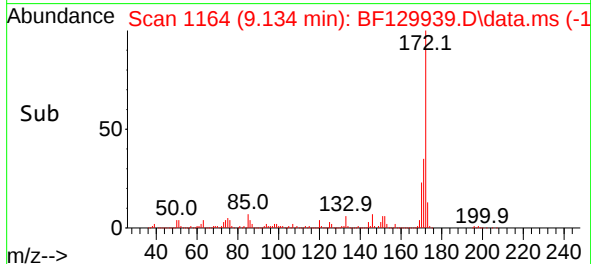
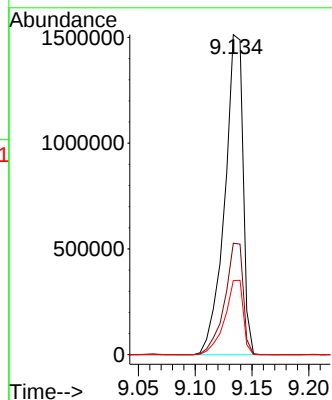
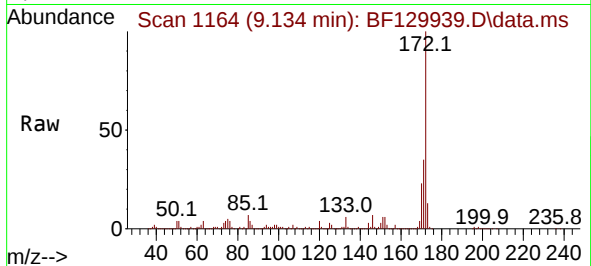




#45
2-Fluorobiphenyl
Concen: 78.053 ng
RT: 9.134 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

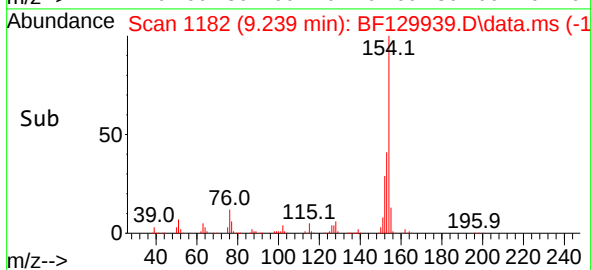
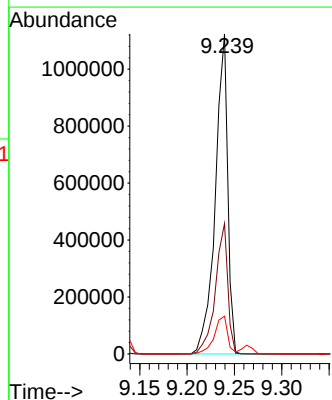
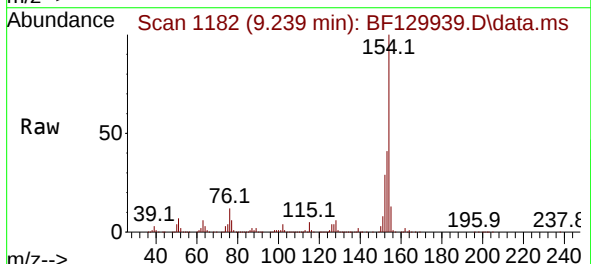
Instrument :
BNA_F
ClientSampleId :
PB146994BS

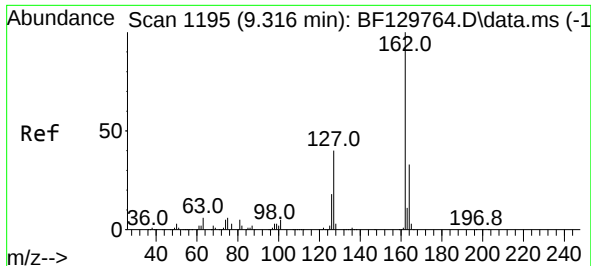
Tgt Ion:172 Resp: 1696148
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.2 19.1 28.7



#46
1,1'-Biphenyl
Concen: 40.805 ng
RT: 9.239 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion:154 Resp: 1023133
Ion Ratio Lower Upper
154 100
153 40.7 20.2 60.2
76 11.8 0.0 32.1





#47

2-Chloronaphthalene

Concen: 39.950 ng

RT: 9.263 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF129939.D

Acq: 22 Aug 2022 14:23

Instrument :

BNA_F

ClientSampleId :

PB146994BS

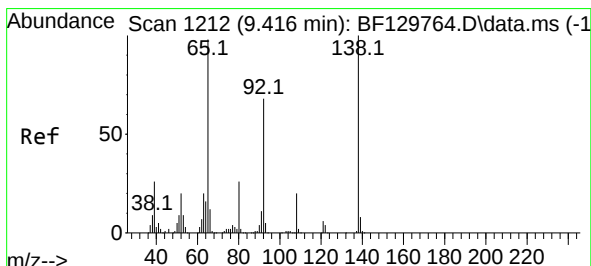
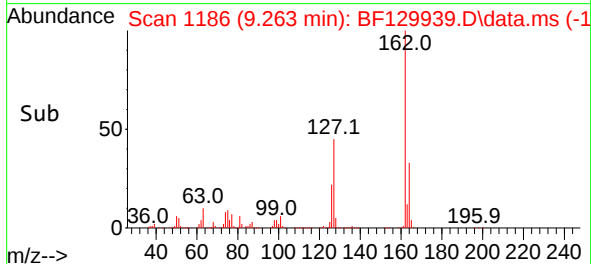
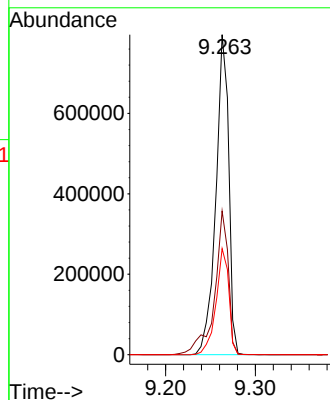
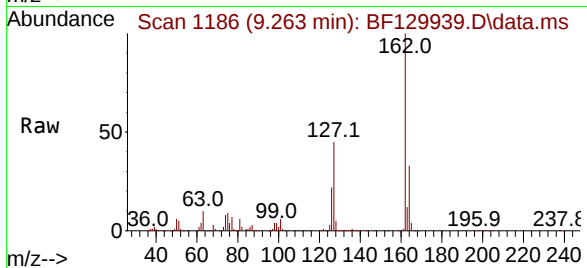
Tgt Ion:162 Resp: 792561

Ion Ratio Lower Upper

162 100

127 44.9 33.1 49.7

164 33.2 26.7 40.1



#48

2-Nitroaniline

Concen: 42.799 ng

RT: 9.375 min Scan# 1205

Delta R.T. 0.006 min

Lab File: BF129939.D

Acq: 22 Aug 2022 14:23

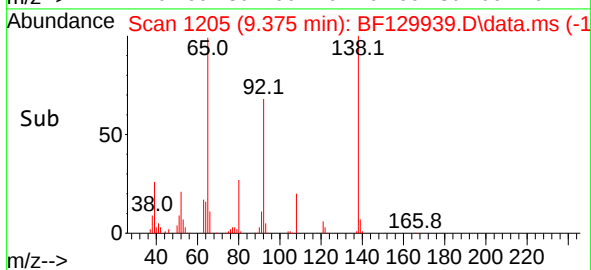
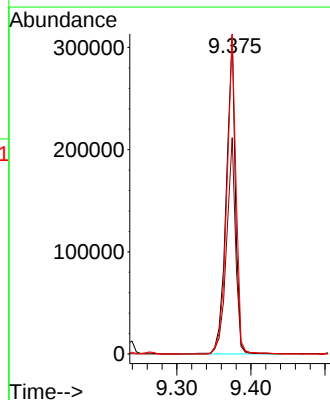
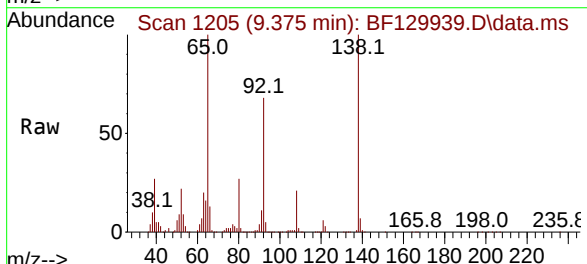
Tgt Ion: 65 Resp: 268326

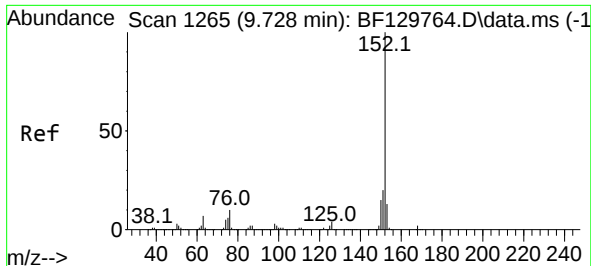
Ion Ratio Lower Upper

65 100

92 67.9 55.0 82.4

138 100.4 81.3 121.9





#49

Acenaphthylene

Concen: 39.721 ng

RT: 9.681 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF129939.D

Acq: 22 Aug 2022 14:23

Instrument :

BNA_F

ClientSampleId :

PB146994BS

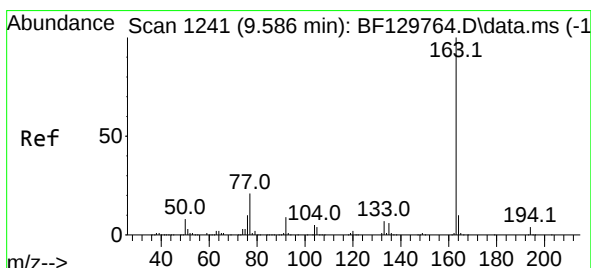
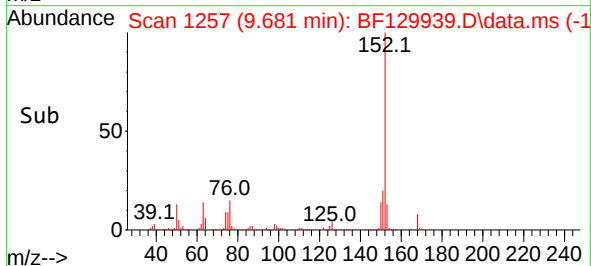
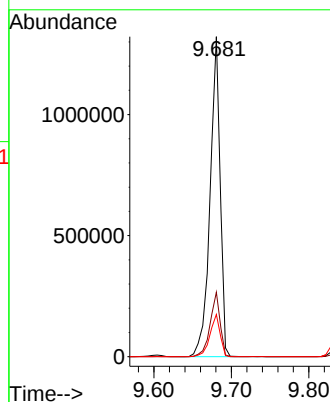
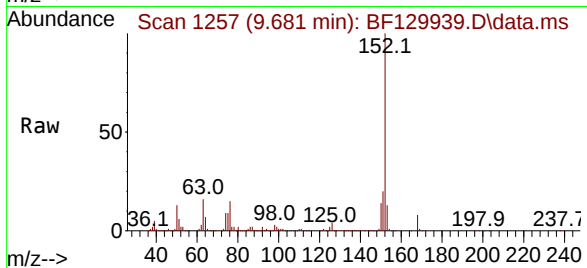
Tgt Ion:152 Resp: 1194960

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

153 13.2 10.6 16.0



#50

Dimethylphthalate

Concen: 40.421 ng

RT: 9.545 min Scan# 1234

Delta R.T. 0.006 min

Lab File: BF129939.D

Acq: 22 Aug 2022 14:23

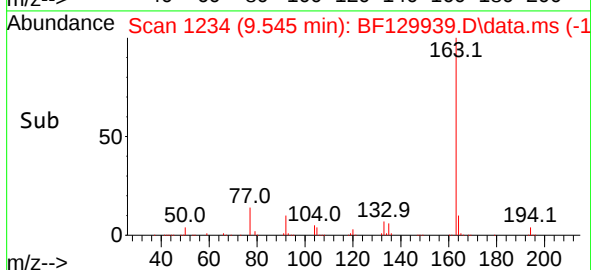
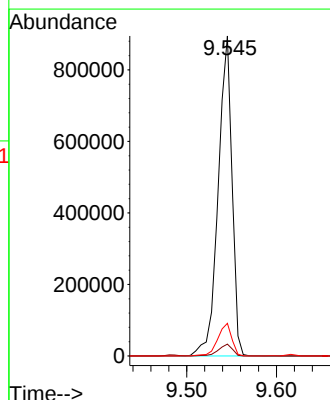
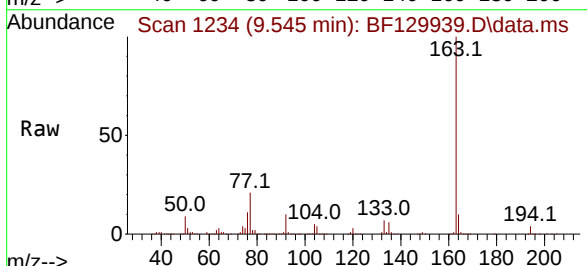
Tgt Ion:163 Resp: 956358

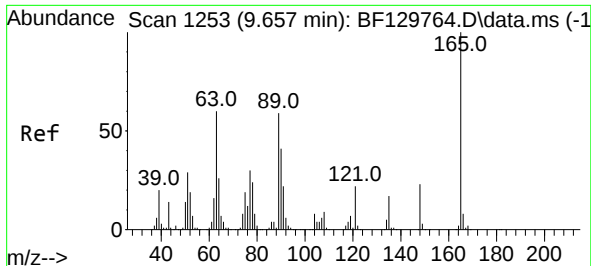
Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

164 10.2 8.2 12.2

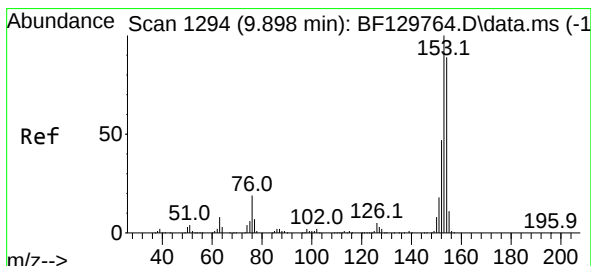
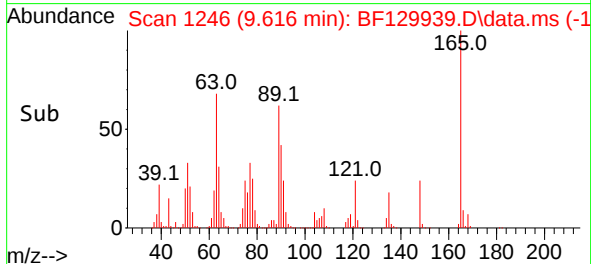
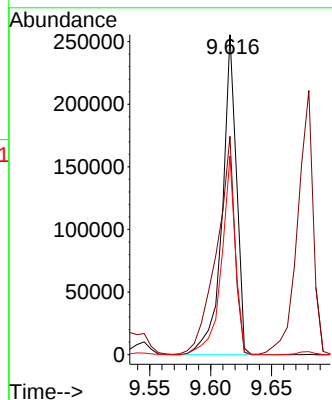
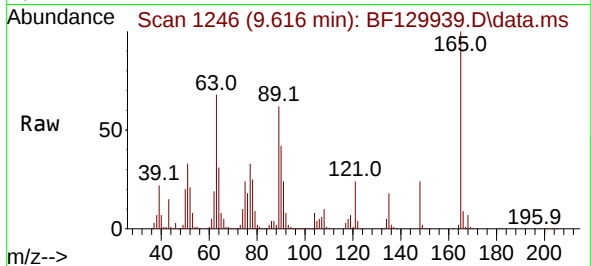




#51
2,6-Dinitrotoluene
Concen: 40.396 ng
RT: 9.616 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

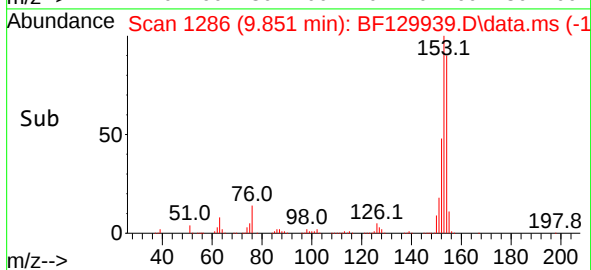
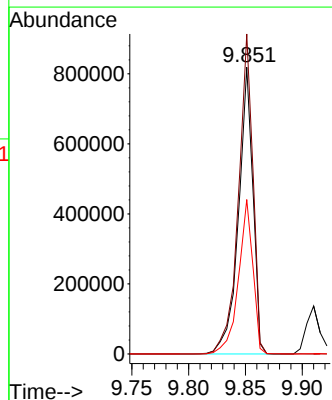
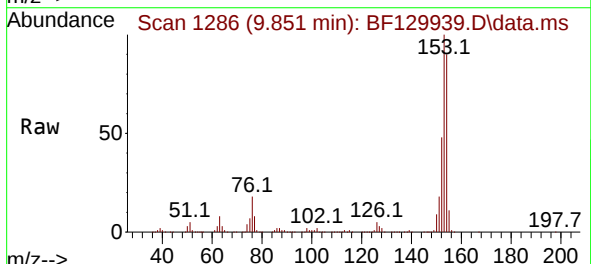
Instrument :
BNA_F
ClientSampleId :
PB146994BS

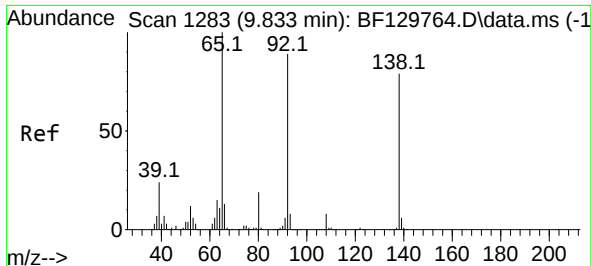
Tgt Ion:165 Resp: 207328
Ion Ratio Lower Upper
165 100
63 68.3 47.8 71.8
89 62.1 47.2 70.8



#52
Acenaphthene
Concen: 39.600 ng
RT: 9.851 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion:154 Resp: 722788
Ion Ratio Lower Upper
154 100
153 111.6 89.8 134.6
152 53.8 42.1 63.1

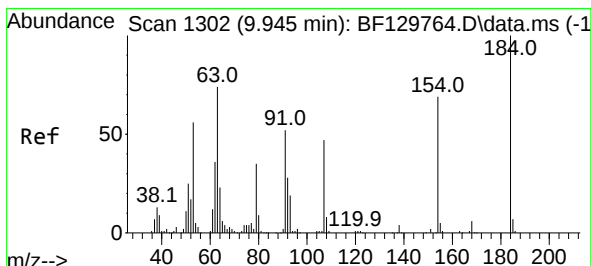
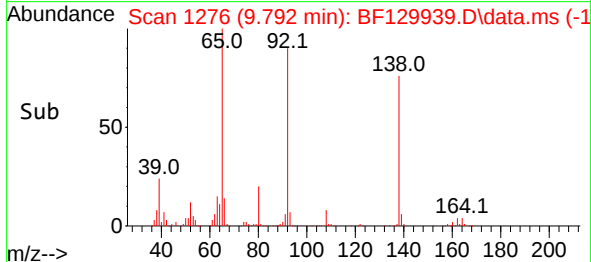
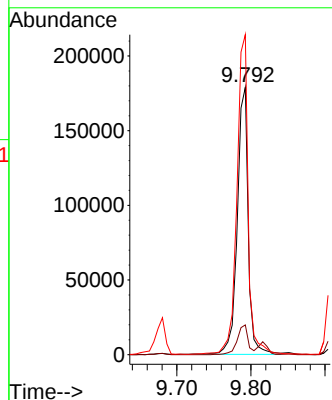
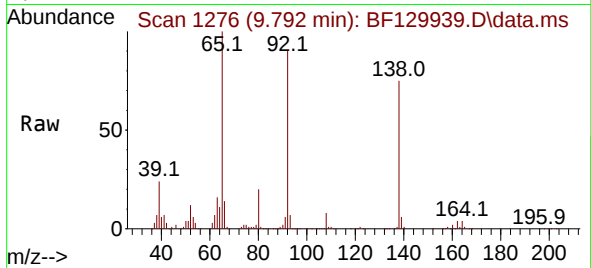




#53
3-Nitroaniline
Concen: 32.353 ng
RT: 9.792 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

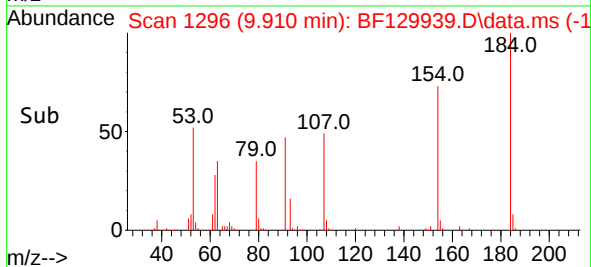
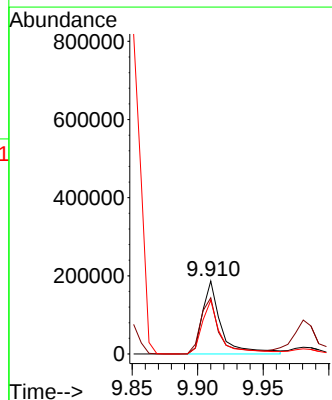
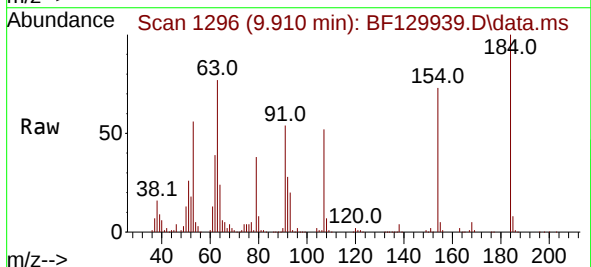
Instrument :
BNA_F
ClientSampleId :
PB146994BS

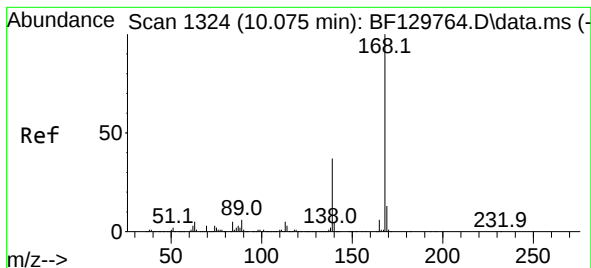
Tgt Ion:138 Resp: 183632
Ion Ratio Lower Upper
138 100
108 11.2 8.4 12.6
92 119.7 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 79.839 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion:184 Resp: 185236
Ion Ratio Lower Upper
184 100
63 77.0 59.6 89.4
154 73.5 55.3 82.9

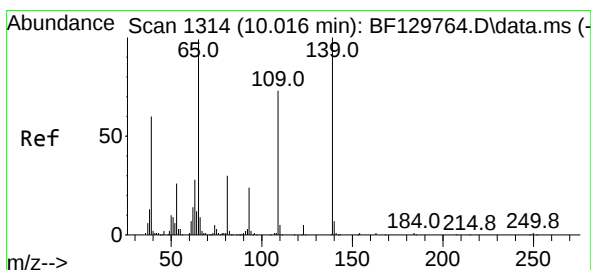
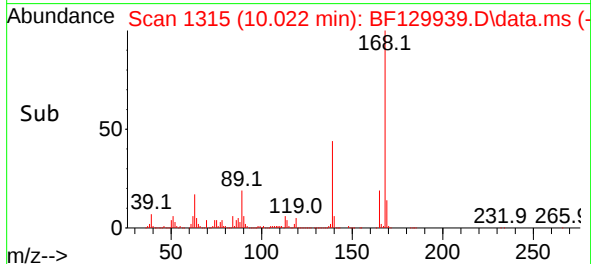
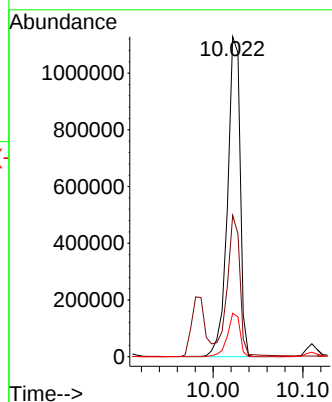
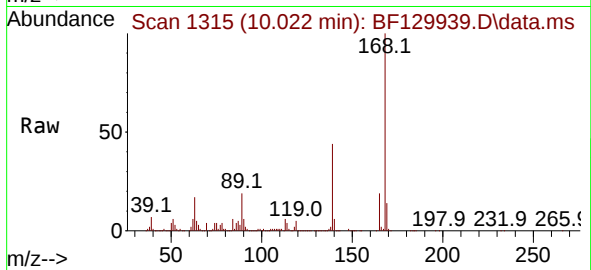




#55
Dibenzofuran
Concen: 40.237 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

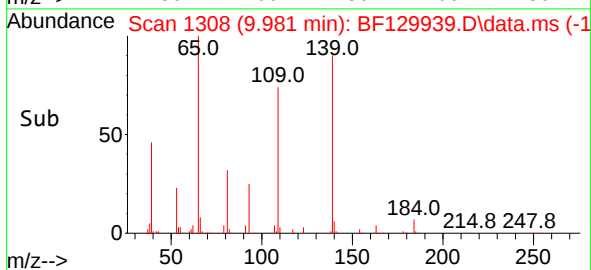
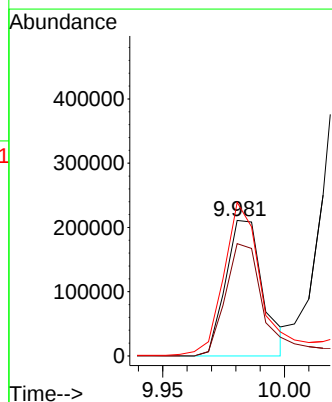
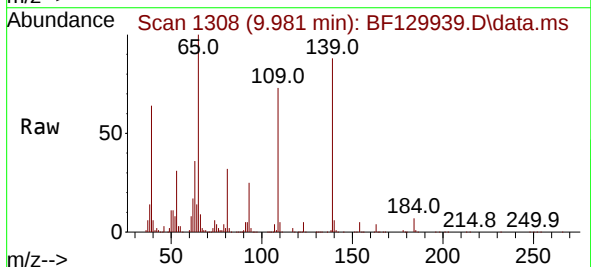
Instrument :
BNA_F
ClientSampleId :
PB146994BS

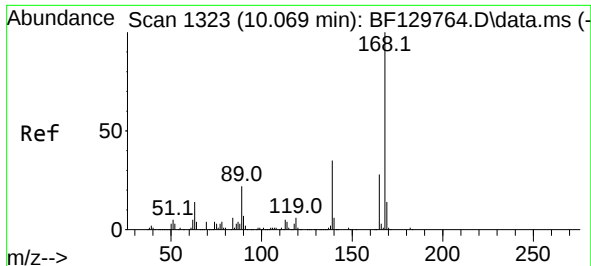
Tgt Ion:168 Resp: 1103332
Ion Ratio Lower Upper
168 100
139 44.1 31.3 46.9
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 88.699 ng
RT: 9.981 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion:139 Resp: 223971
Ion Ratio Lower Upper
139 100
109 82.9 52.9 92.9
65 113.4 79.5 119.5

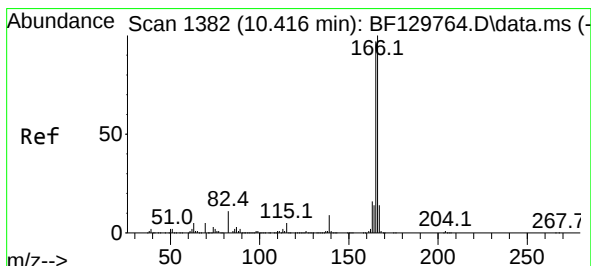
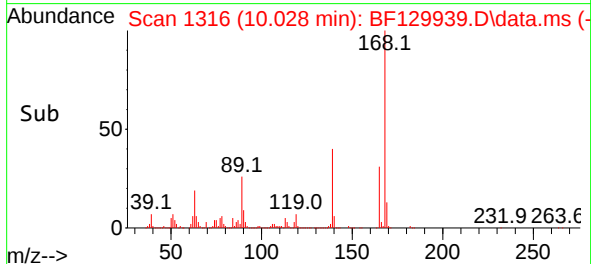
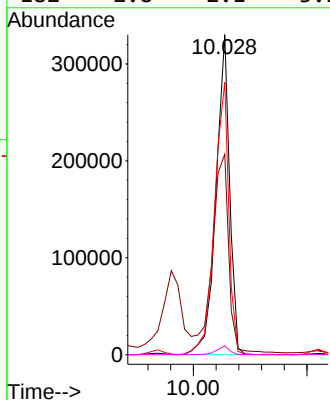
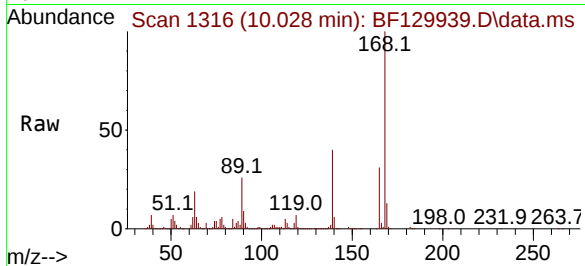




#57
2,4-Dinitrotoluene
Concen: 41.526 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

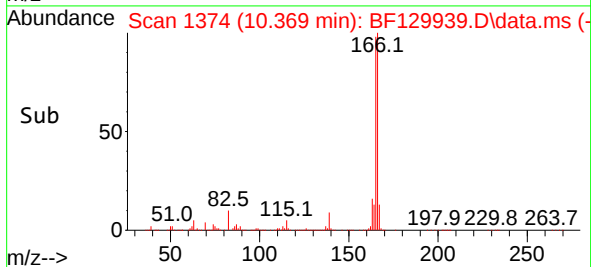
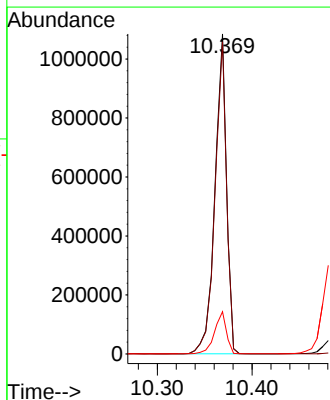
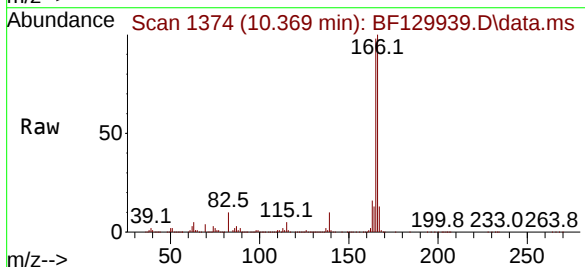
Instrument :
BNA_F
ClientSampleId :
PB146994BS

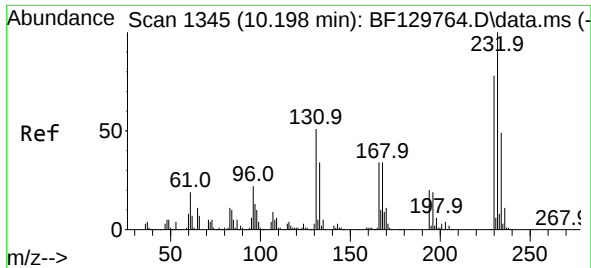
Tgt Ion:165 Resp: 276666
Ion Ratio Lower Upper
165 100
63 62.6 48.4 72.6
89 85.2 62.3 93.5
182 2.8 2.1 3.1



#58
Fluorene
Concen: 40.178 ng
RT: 10.369 min Scan# 1374
Delta R.T. 0.006 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion:166 Resp: 919908
Ion Ratio Lower Upper
166 100
165 97.5 77.9 116.9
167 13.2 11.0 16.4

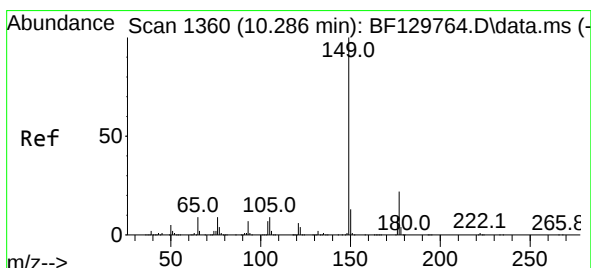
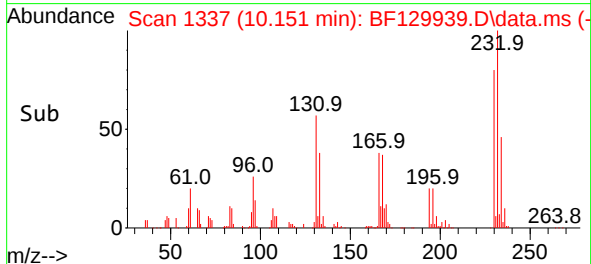
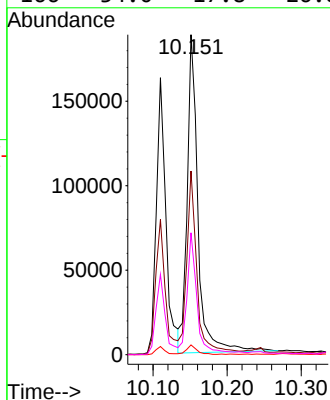
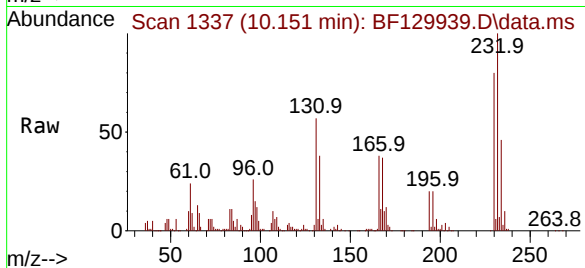




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.379 ng
RT: 10.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

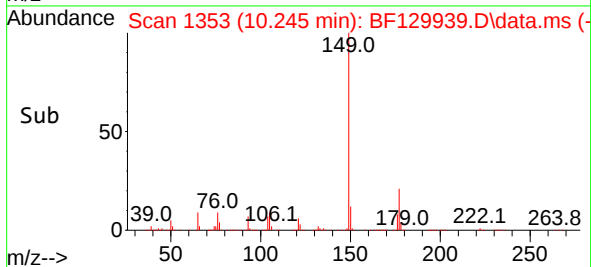
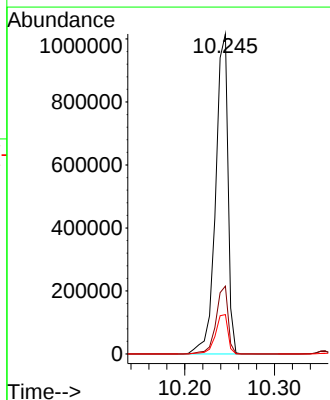
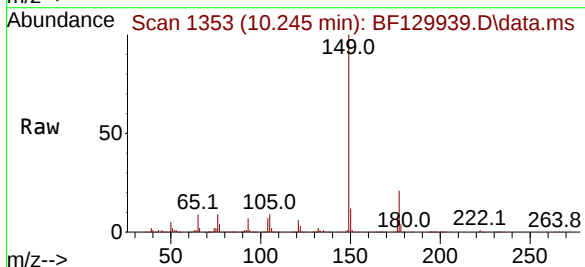
Instrument :
BNA_F
ClientSampleId :
PB146994BS

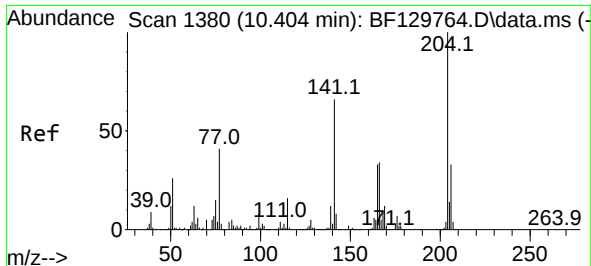
Tgt Ion:232 Resp: 190147
Ion Ratio Lower Upper
232 100
131 51.6 29.9 44.9#
130 2.9 1.5 2.3#
166 34.0 17.8 26.8#



#60
Diethylphthalate
Concen: 41.112 ng
RT: 10.245 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion:149 Resp: 969903
Ion Ratio Lower Upper
149 100
177 21.2 17.7 26.5
150 12.3 10.1 15.1

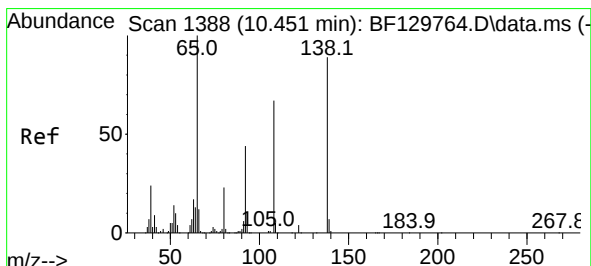
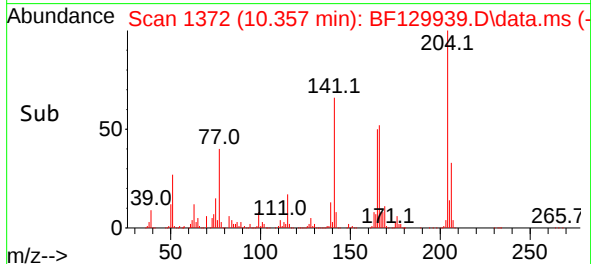
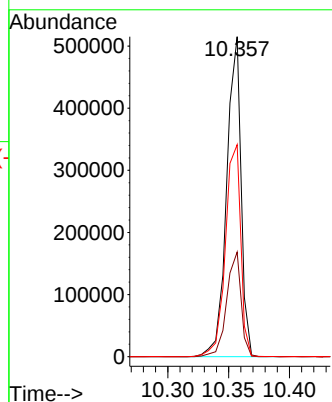
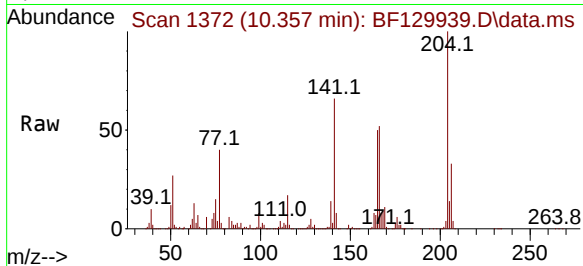




#61
4-Chlorophenyl-phenylether
Concen: 41.105 ng
RT: 10.357 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

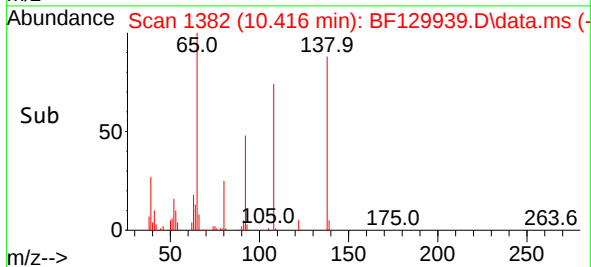
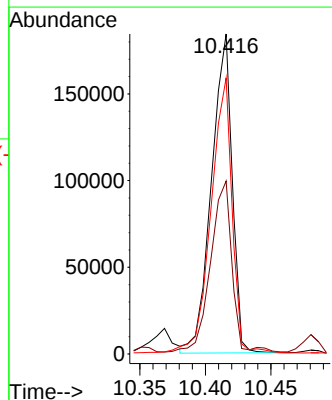
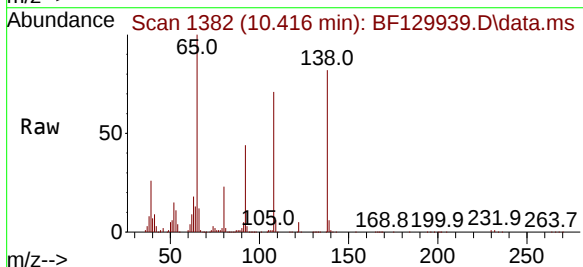
Instrument :
BNA_F
ClientSampleId :
PB146994BS

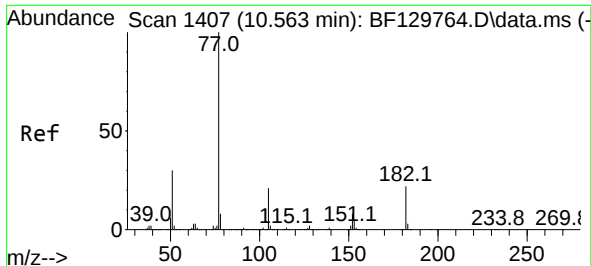
Tgt Ion:204 Resp: 422337
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 66.3 52.6 79.0



#62
4-Nitroaniline
Concen: 35.261 ng
RT: 10.416 min Scan# 1382
Delta R.T. 0.012 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion:138 Resp: 201907
Ion Ratio Lower Upper
138 100
92 54.0 30.3 70.3
108 86.2 55.7 95.7

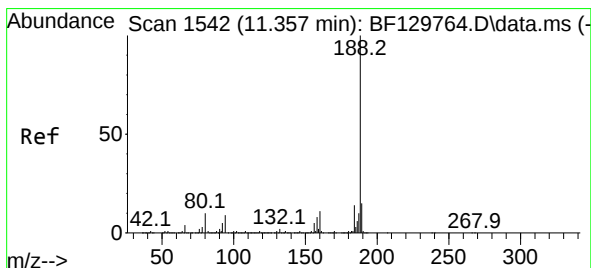
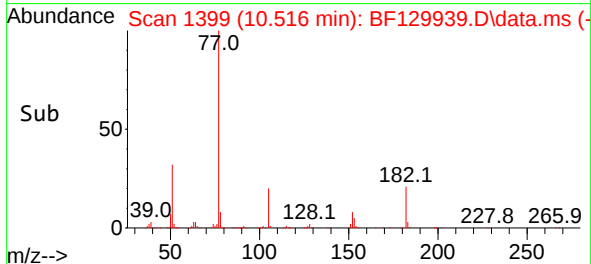
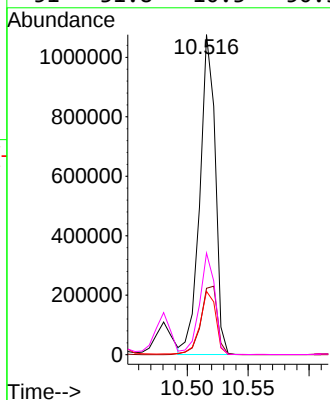
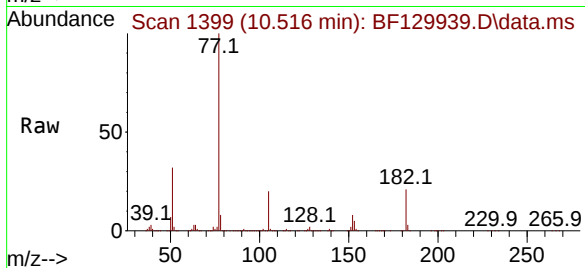




#63
Azobenzene
Concen: 42.021 ng
RT: 10.516 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

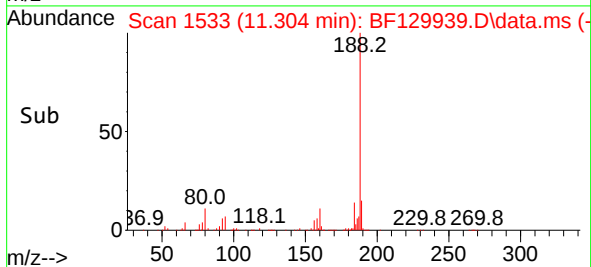
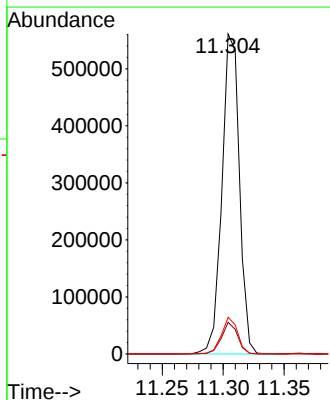
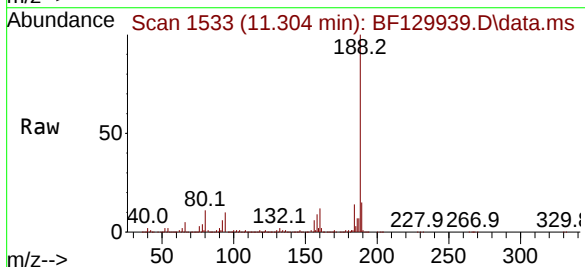
Instrument :
BNA_F
ClientSampleId :
PB146994BS

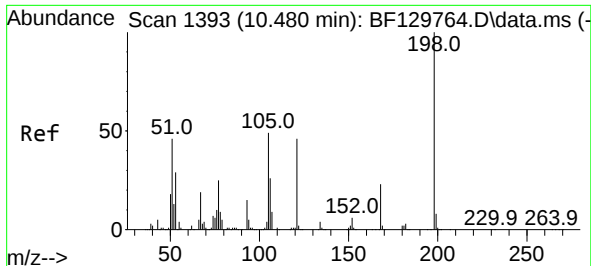
Tgt Ion: 77	Resp: 947570
Ion Ratio	Lower Upper
77 100	
182 20.8	2.2 42.2
105 19.8	0.8 40.8
51 31.8	10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion:188	Resp: 561068
Ion Ratio	Lower Upper
188 100	
94 9.9	7.4 11.2
80 11.5	7.9 11.9

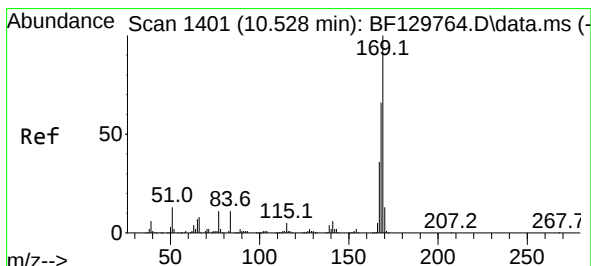
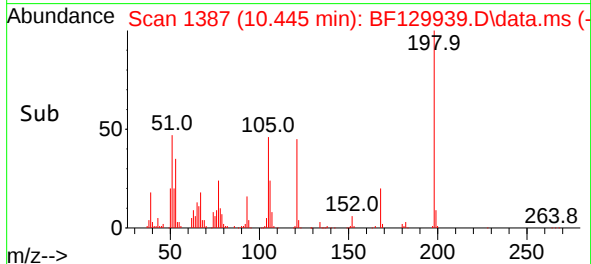
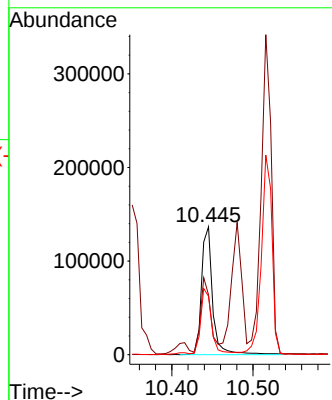
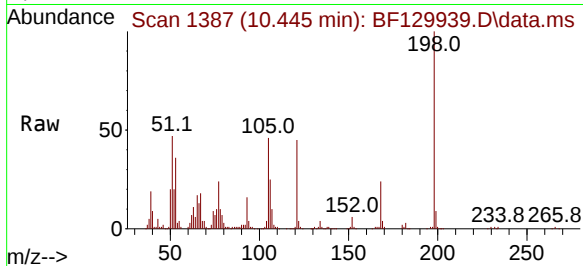




#65
4,6-Dinitro-2-methylphenol
Concen: 39.512 ng
RT: 10.445 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

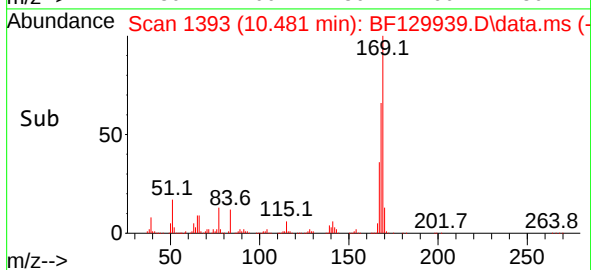
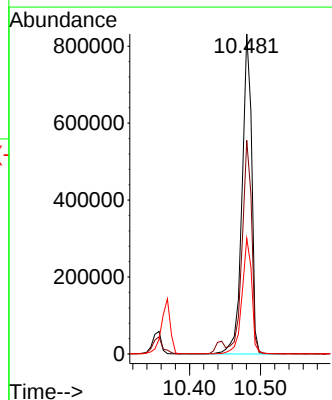
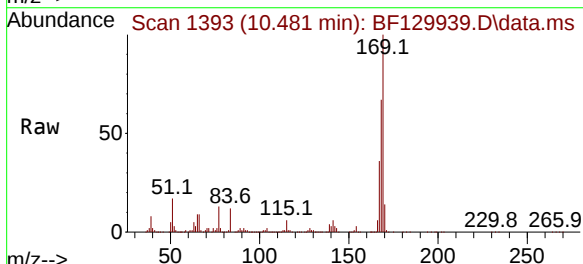
Instrument :
BNA_F
ClientSampleId :
PB146994BS

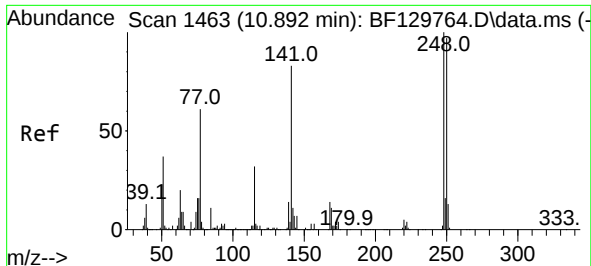
Tgt Ion:198 Resp: 130143
Ion Ratio Lower Upper
198 100
51 46.8 29.4 69.4
105 45.6 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 41.448 ng
RT: 10.481 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion:169 Resp: 784905
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.2
167 36.2 29.1 43.7

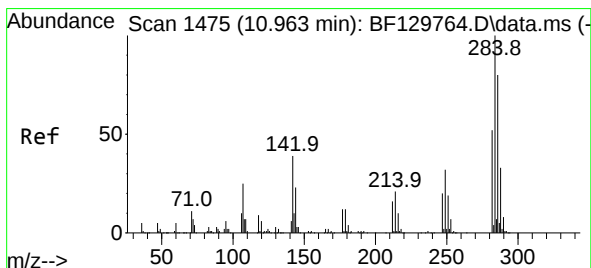
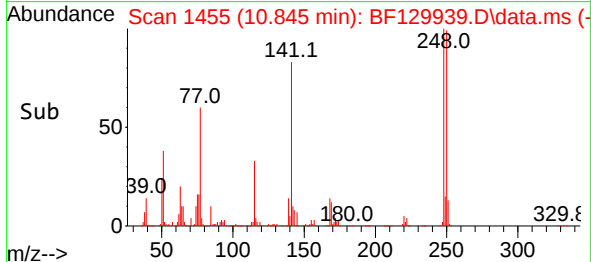
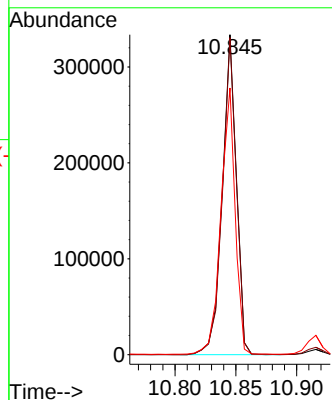
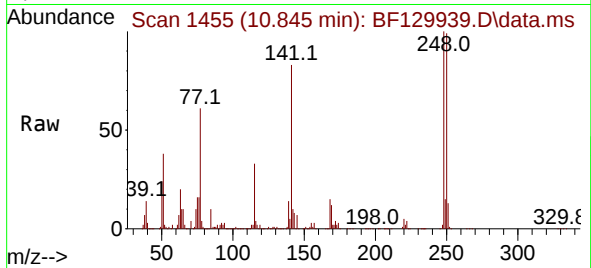




#67
4-Bromophenyl-phenylether
Concen: 41.037 ng
RT: 10.845 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

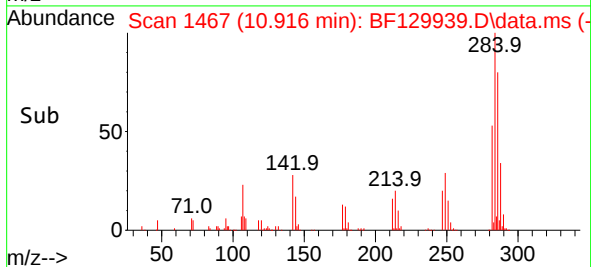
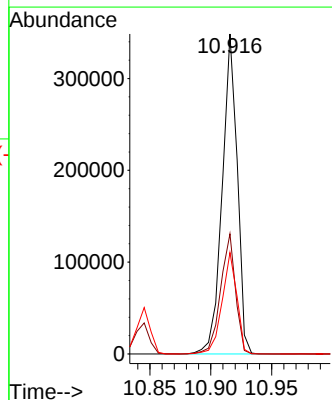
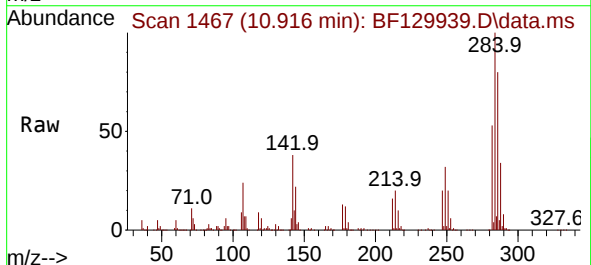
Instrument :
BNA_F
ClientSampleId :
PB146994BS

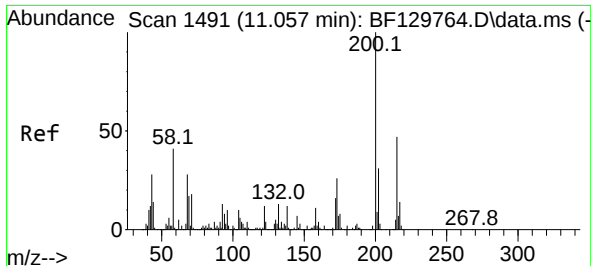
Tgt Ion:248 Resp: 269678
Ion Ratio Lower Upper
248 100
250 99.1 77.8 116.6
141 83.4 66.2 99.2



#68
Hexachlorobenzene
Concen: 42.168 ng
RT: 10.916 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion:284 Resp: 300178
Ion Ratio Lower Upper
284 100
142 37.5 31.4 47.0
249 31.7 25.7 38.5

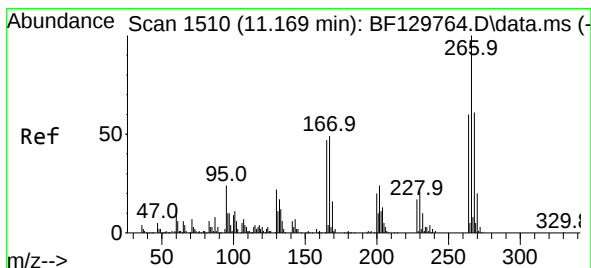
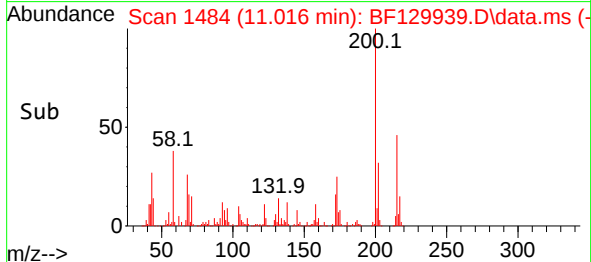
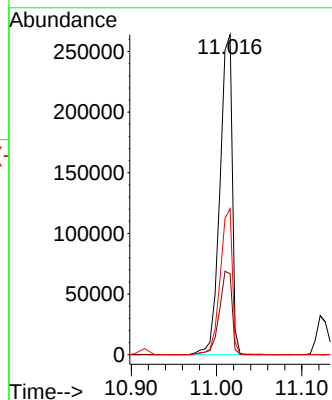
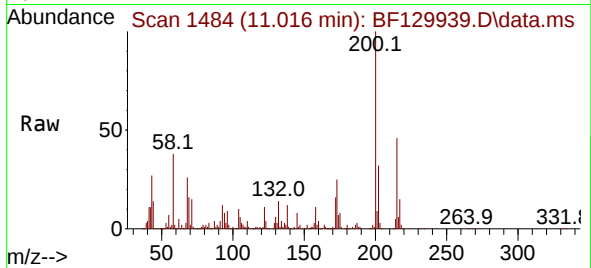




#69
Atrazine
Concen: 45.400 ng
RT: 11.016 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

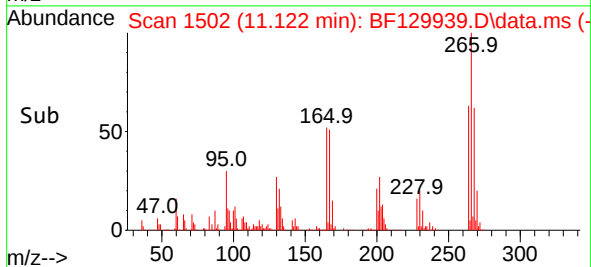
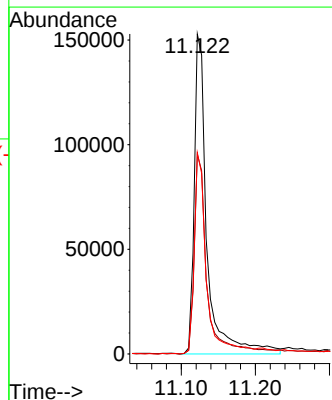
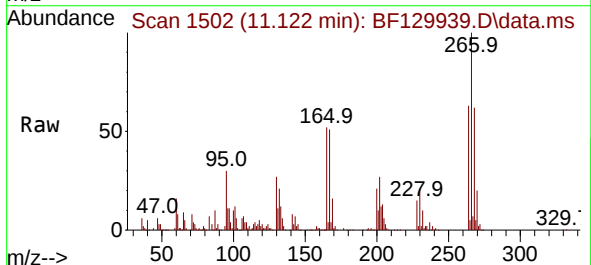
Instrument :
BNA_F
ClientSampleId :
PB146994BS

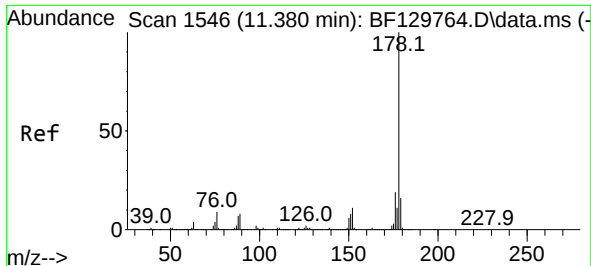
Tgt Ion:200 Resp: 263880
Ion Ratio Lower Upper
200 100
173 25.3 6.4 46.4
215 45.6 27.1 67.1



#70
Pentachlorophenol
Concen: 85.820 ng
RT: 11.122 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion:266 Resp: 183983
Ion Ratio Lower Upper
266 100
268 62.4 49.0 73.4
264 62.9 47.9 71.9

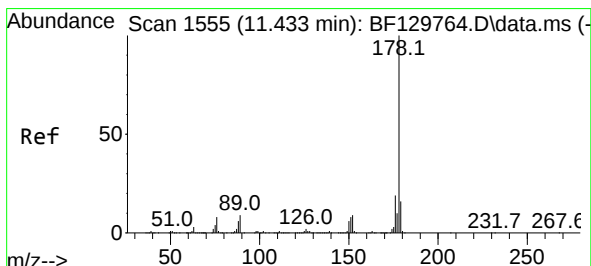
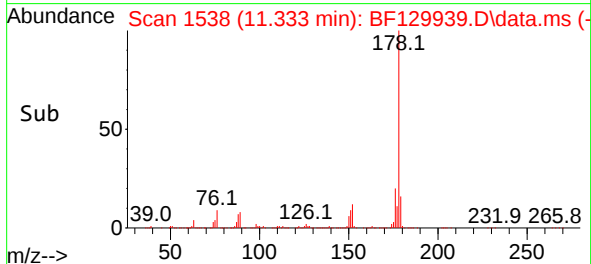
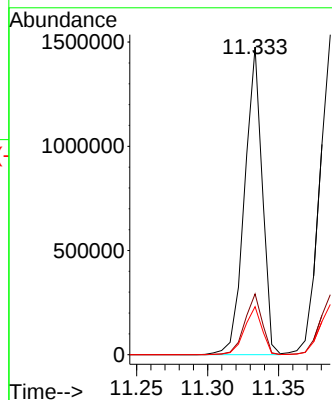
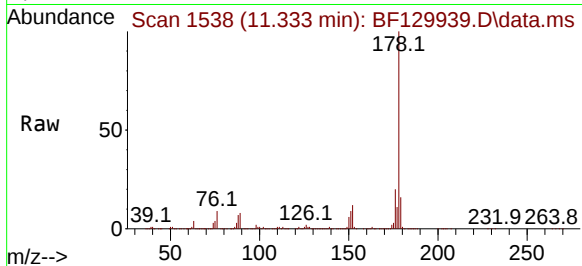




#71
Phenanthrene
Concen: 40.800 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

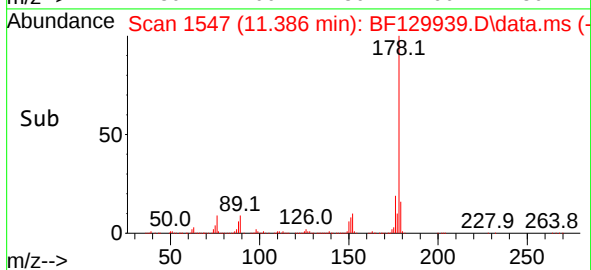
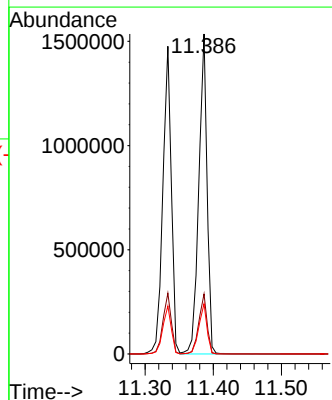
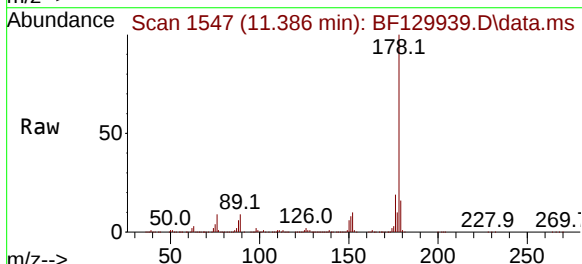
Instrument :
BNA_F
ClientSampleId :
PB146994BS

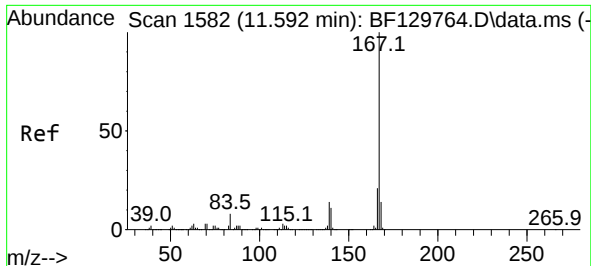
Tgt Ion:178 Resp: 1278497
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.6 12.5 18.7



#72
Anthracene
Concen: 41.533 ng
RT: 11.386 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion:178 Resp: 1294238
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.7 12.6 18.8

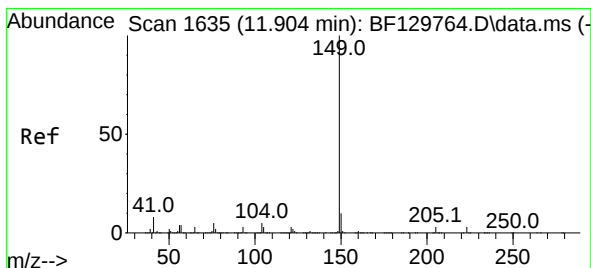
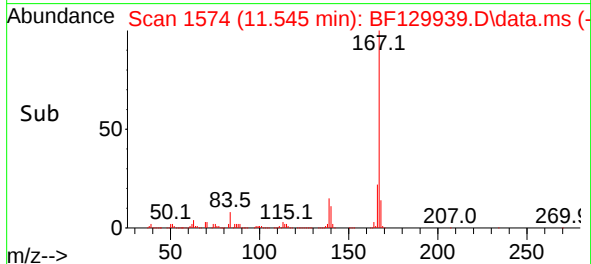
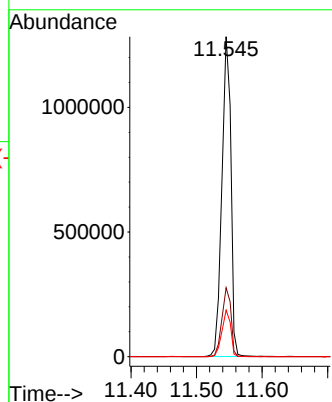
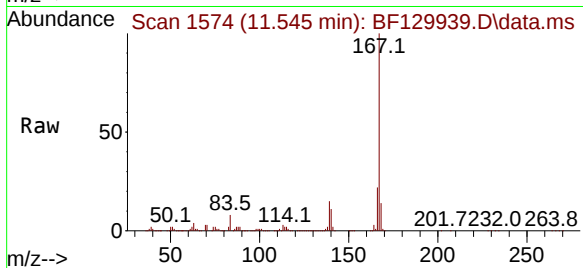




#73
Carbazole
Concen: 42.884 ng
RT: 11.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

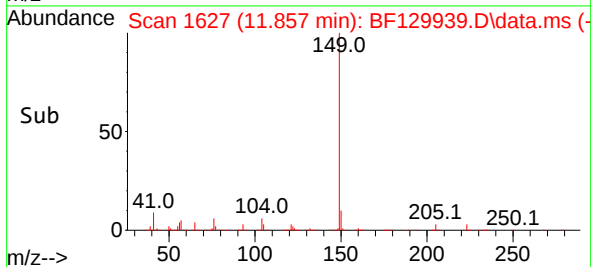
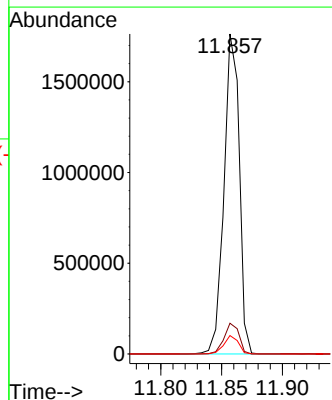
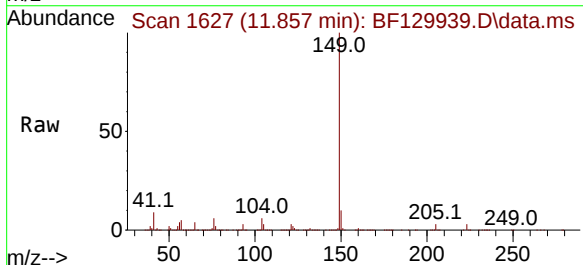
Instrument :
BNA_F
ClientSampleId :
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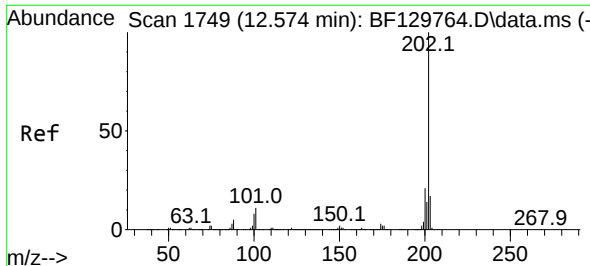
Tgt Ion:167 Resp: 1213068
Ion Ratio Lower Upper
167 100
166 21.5 17.1 25.7
139 14.5 11.0 16.6



#74
Di-n-butylphthalate
Concen: 42.311 ng
RT: 11.857 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion:149 Resp: 1540360
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 5.7 4.2 6.4

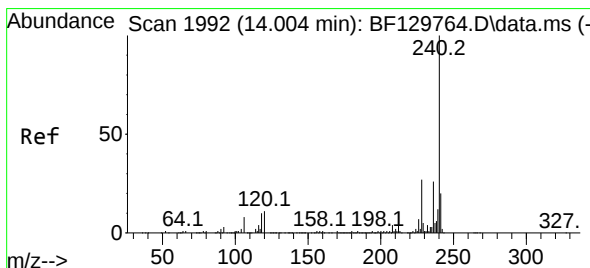
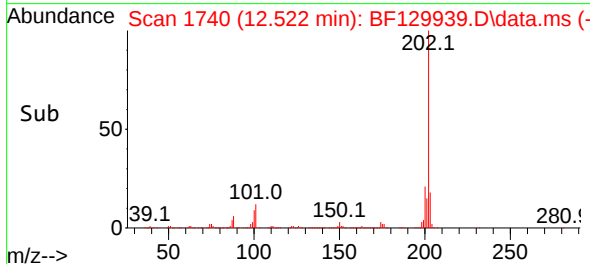
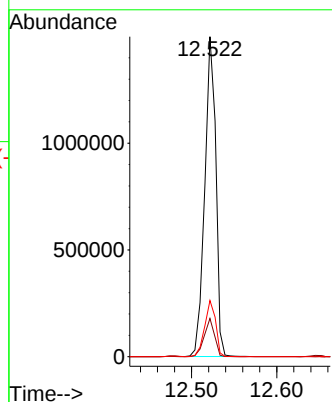
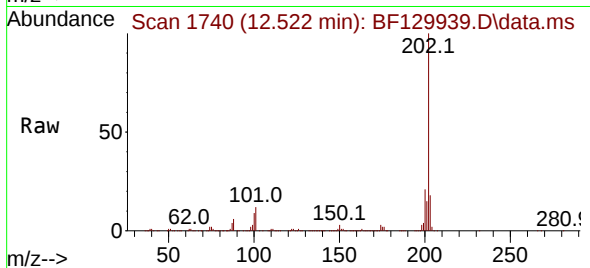




#75
Fluoranthene
Concen: 42.185 ng
RT: 12.522 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

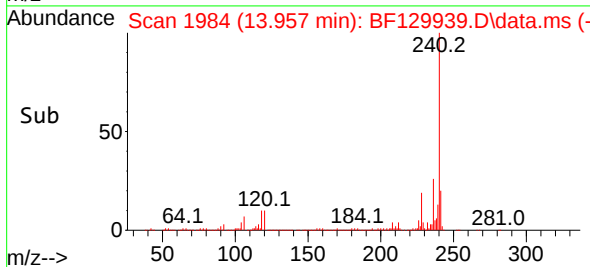
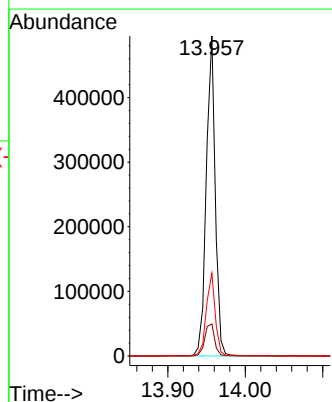
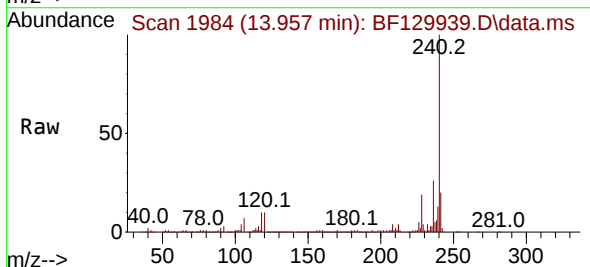
Instrument :
BNA_F
ClientSampleId :
PB146994BS

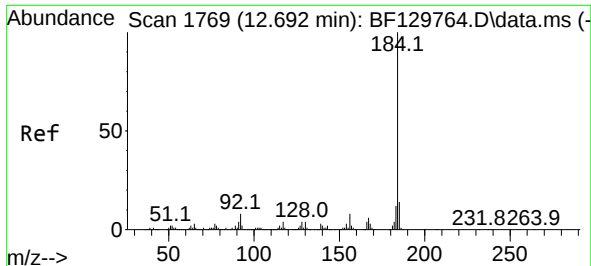
Tgt Ion:202 Resp: 1352688
Ion Ratio Lower Upper
202 100
101 12.0 0.0 30.7
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion:240 Resp: 398642
Ion Ratio Lower Upper
240 100
120 10.0 9.2 13.8
236 25.9 20.7 31.1

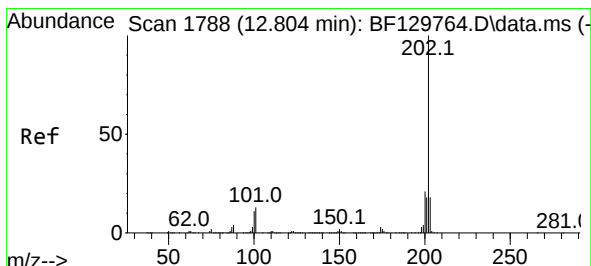
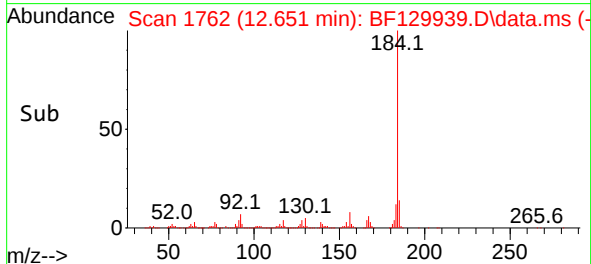
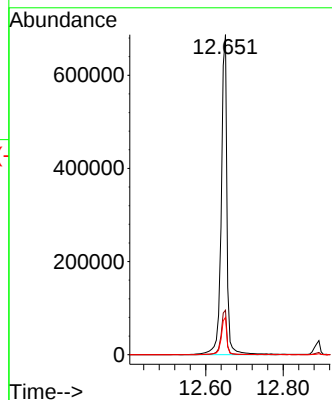
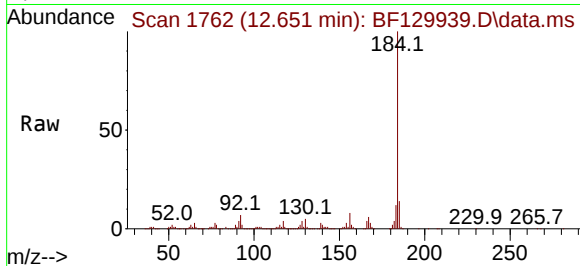




#77
Benzidine
Concen: 77.896 ng
RT: 12.651 min Scan# 1779
Delta R.T. 0.006 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

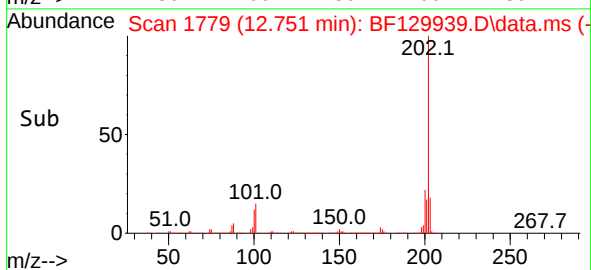
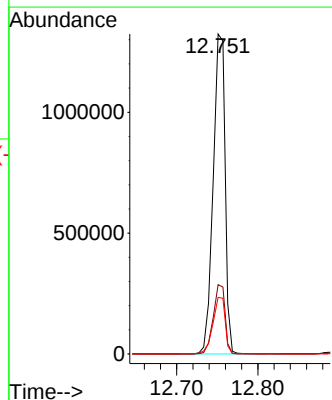
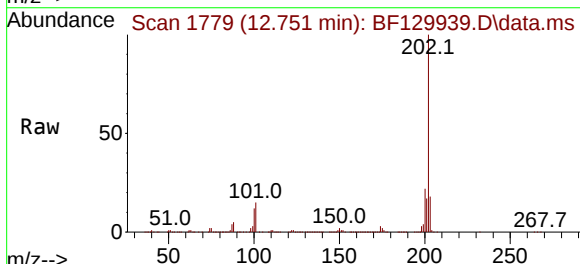
Instrument :
BNA_F
ClientSampleId :
PB146994BS

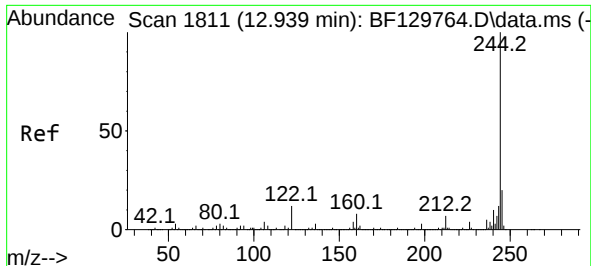
Tgt Ion:184 Resp: 707850
Ion Ratio Lower Upper
184 100
185 13.9 11.4 17.2
183 11.7 9.4 14.2



#78
Pyrene
Concen: 38.944 ng
RT: 12.751 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion:202 Resp: 1349102
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.6
203 17.7 14.1 21.1

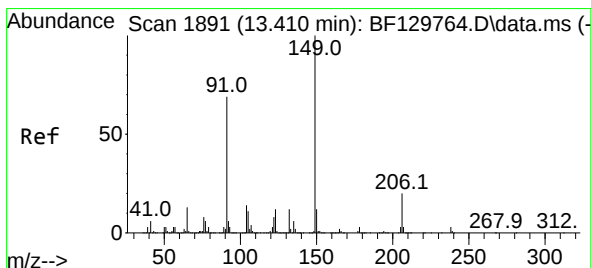
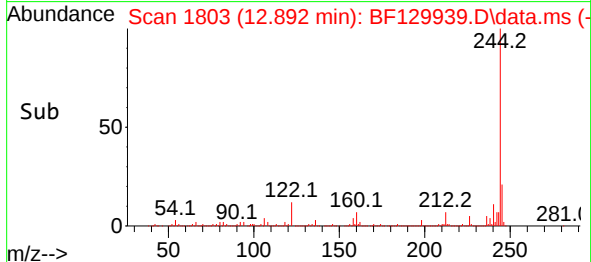
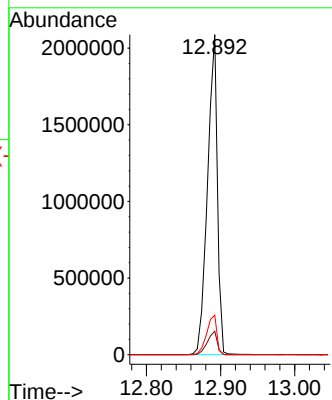
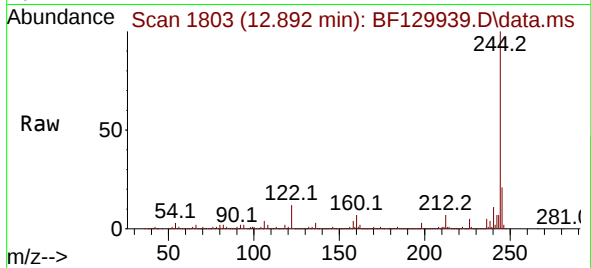




#79
 Terphenyl-d14
 Concen: 80.786 ng
 RT: 12.892 min Scan# 1803
 Delta R.T. 0.006 min
 Lab File: BF129939.D
 Acq: 22 Aug 2022 14:23

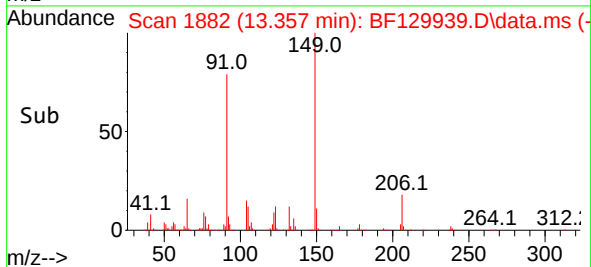
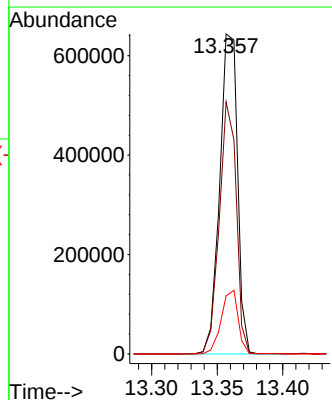
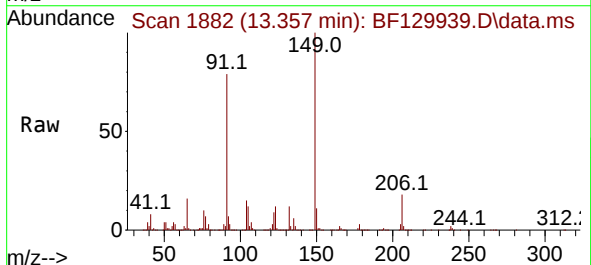
Instrument :
 BNA_F
 ClientSampleId :
 PB146994BS

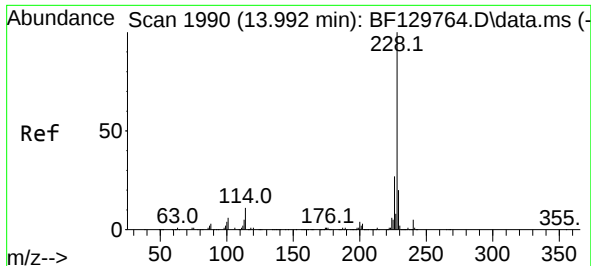
Tgt Ion:244 Resp: 1935461
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 12.4 9.9 14.9



#80
 Butylbenzylphthalate
 Concen: 41.537 ng
 RT: 13.357 min Scan# 1882
 Delta R.T. 0.000 min
 Lab File: BF129939.D
 Acq: 22 Aug 2022 14:23

Tgt Ion:149 Resp: 608874
 Ion Ratio Lower Upper
 149 100
 91 78.8 55.4 83.0
 206 18.1 15.8 23.6

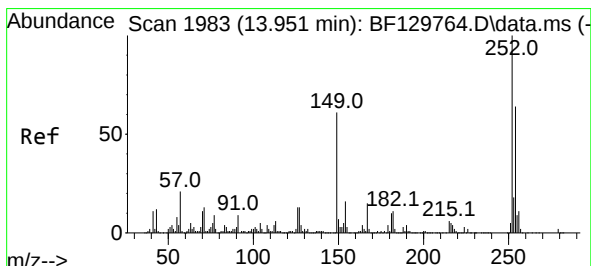
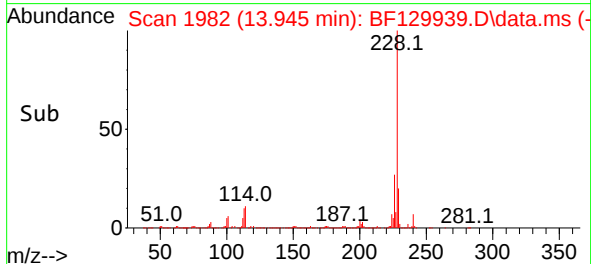
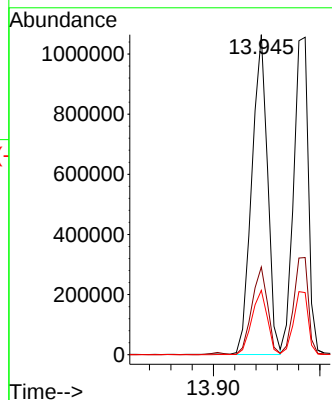
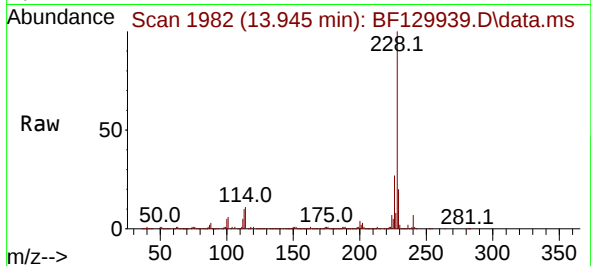




#81
Benzo(a)anthracene
Concen: 39.838 ng
RT: 13.945 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

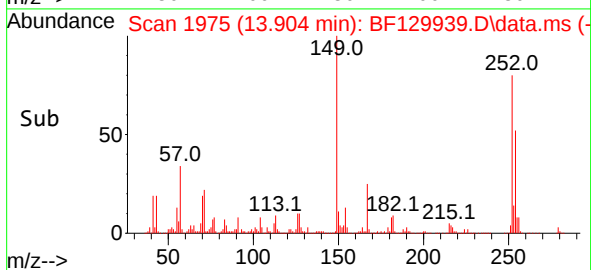
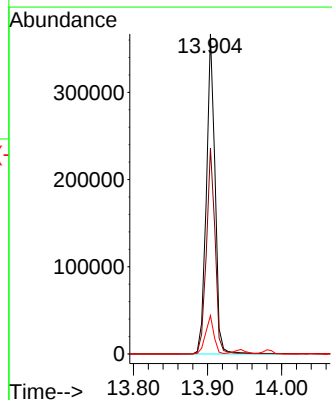
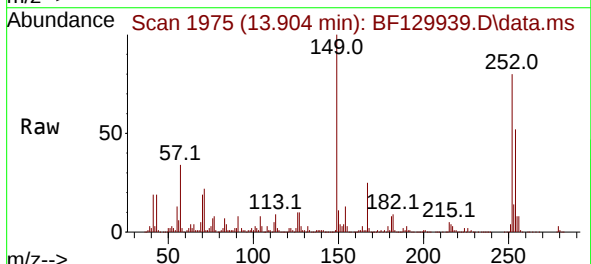
Instrument :
BNA_F
ClientSampleId :
PB146994BS

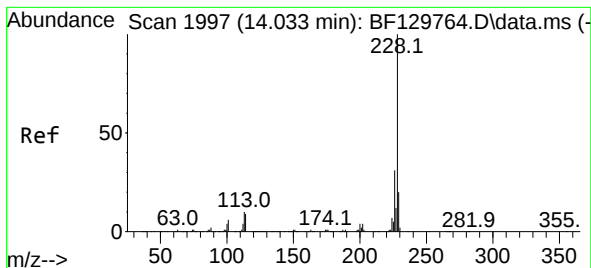
Tgt Ion:228 Resp: 1092470
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.0
229 20.1 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 35.160 ng
RT: 13.904 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion:252 Resp: 298613
Ion Ratio Lower Upper
252 100
254 64.3 51.4 77.2
126 12.0 10.2 15.4





#83

Chrysene

Concen: 39.555 ng

RT: 13.986 min Scan# 1997

Delta R.T. 0.006 min

Lab File: BF129939.D

Acq: 22 Aug 2022 14:23

Instrument :

BNA_F

ClientSampleId :

PB146994BS

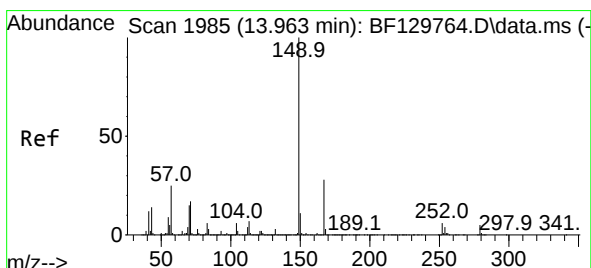
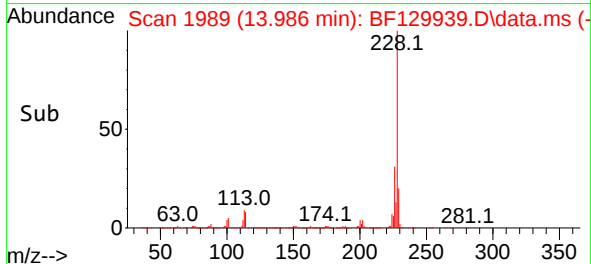
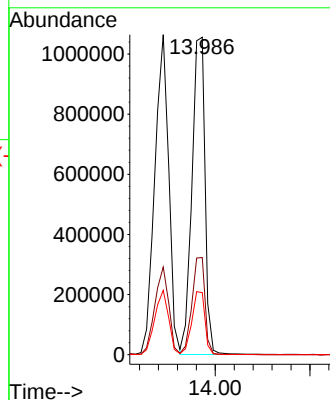
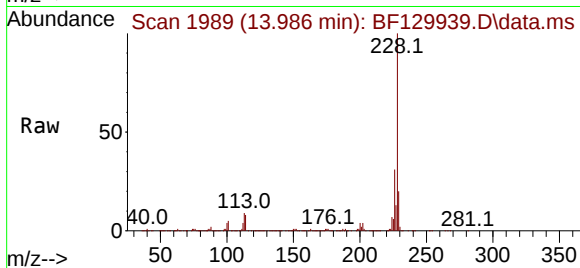
Tgt Ion:228 Resp: 1015362

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 19.6 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.341 ng

RT: 13.910 min Scan# 1976

Delta R.T. 0.000 min

Lab File: BF129939.D

Acq: 22 Aug 2022 14:23

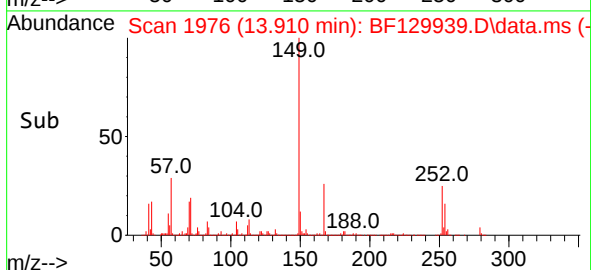
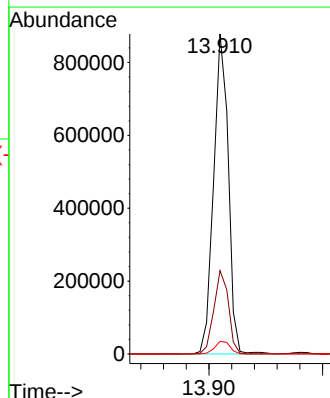
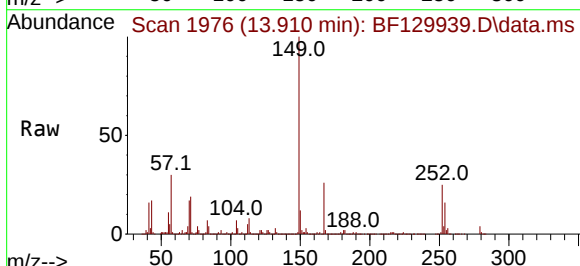
Tgt Ion:149 Resp: 788509

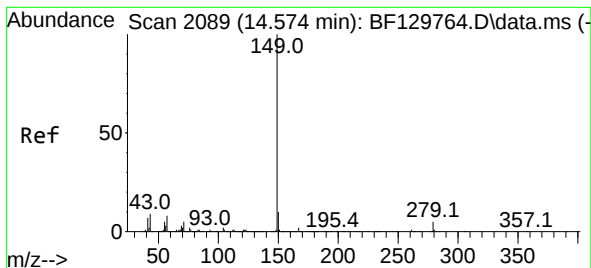
Ion Ratio Lower Upper

149 100

167 26.0 22.0 33.0

279 4.0 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 44.241 ng

RT: 14.521 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF129939.D

Acq: 22 Aug 2022 14:23

Instrument :

BNA_F

ClientSampleId :

PB146994BS

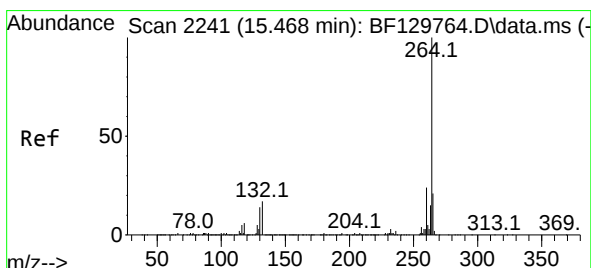
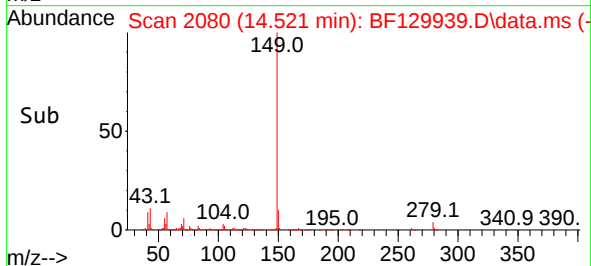
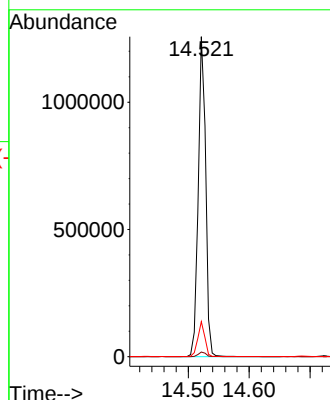
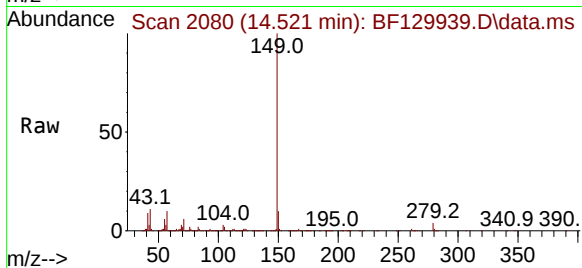
Tgt Ion:149 Resp: 1062103

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.4 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2230

Delta R.T. 0.006 min

Lab File: BF129939.D

Acq: 22 Aug 2022 14:23

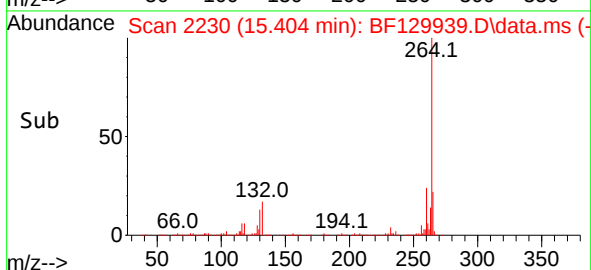
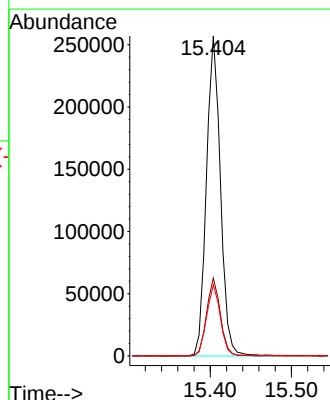
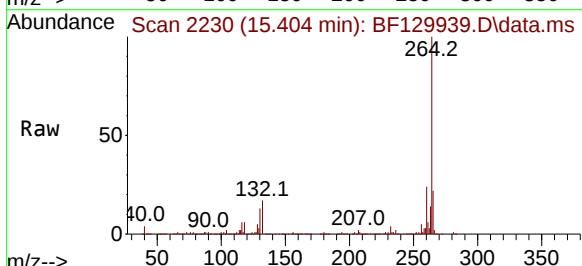
Tgt Ion:264 Resp: 307356

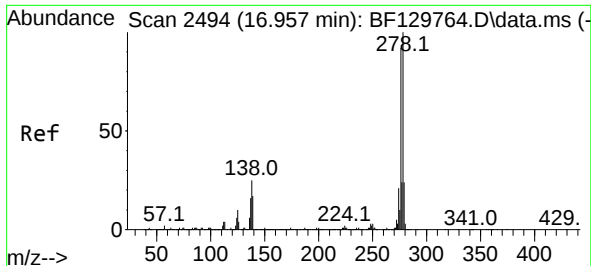
Ion Ratio Lower Upper

264 100

260 24.3 19.1 28.7

265 22.2 16.7 25.1

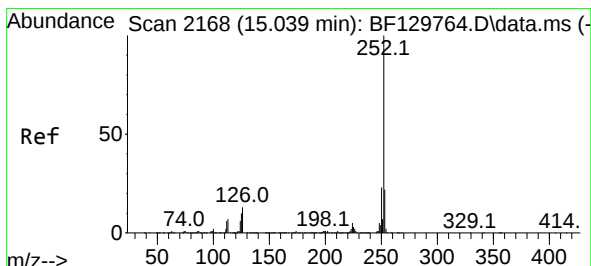
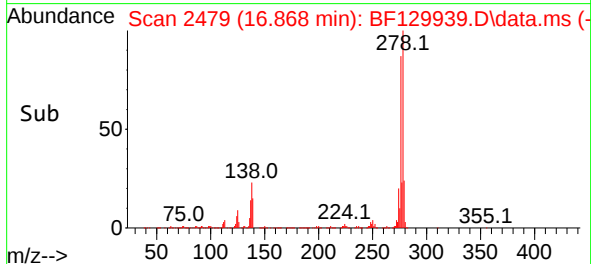
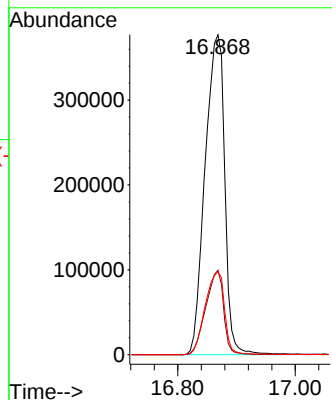
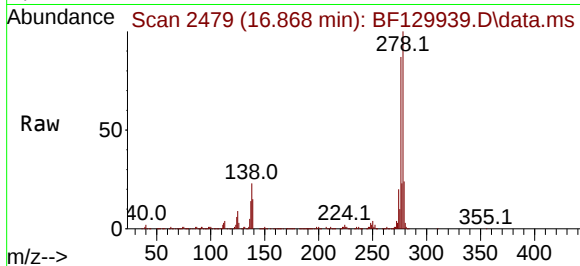




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.383 ng
RT: 16.868 min Scan# 2159
Delta R.T. 0.012 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

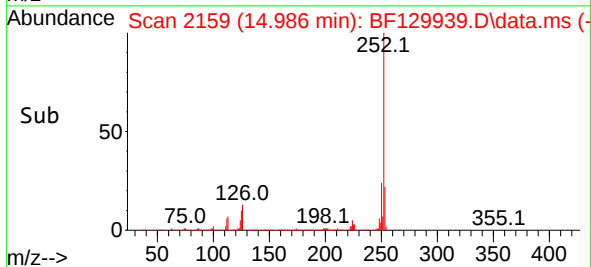
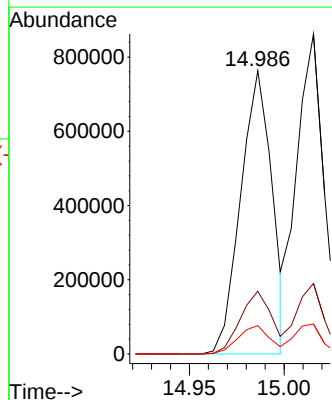
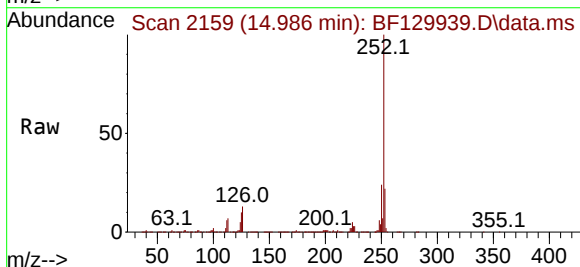
Instrument :
BNA_F
ClientSampleId :
PB146994BS

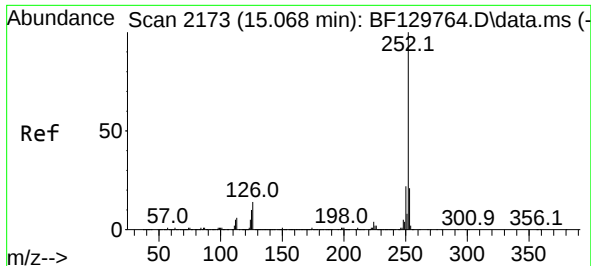
Tgt Ion:276 Resp: 873195
Ion Ratio Lower Upper
276 100
138 24.1 19.8 29.8
277 25.6 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 41.905 ng
RT: 14.986 min Scan# 2159
Delta R.T. 0.006 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion:252 Resp: 881936
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.0 8.3 12.5

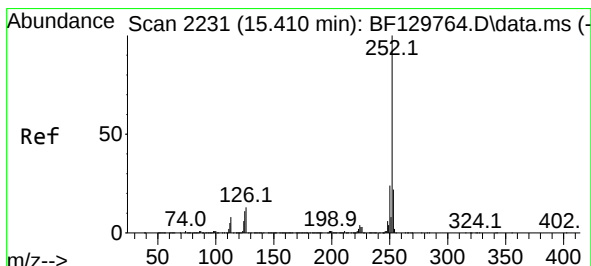
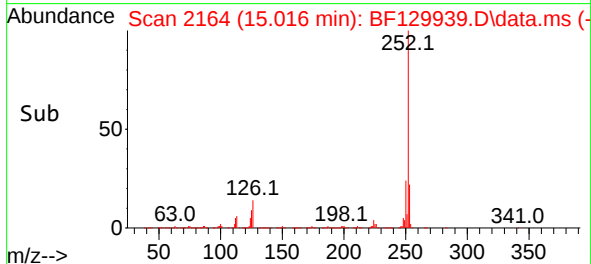
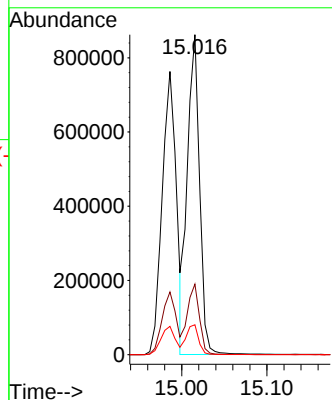
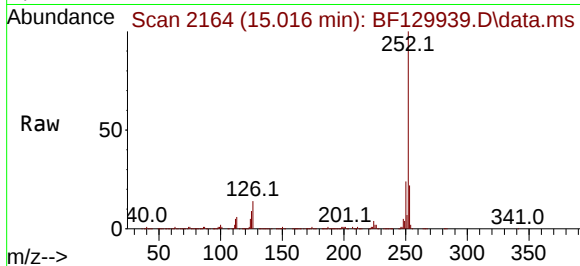




#89
Benzo(k)fluoranthene
Concen: 42.669 ng
RT: 15.016 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

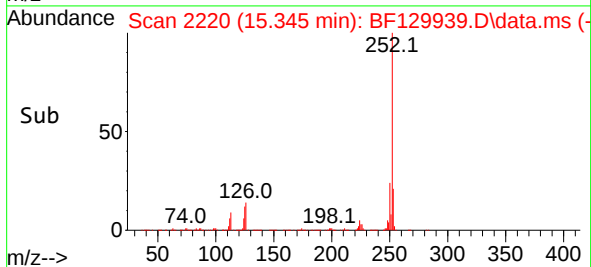
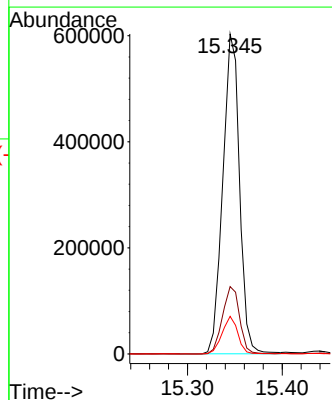
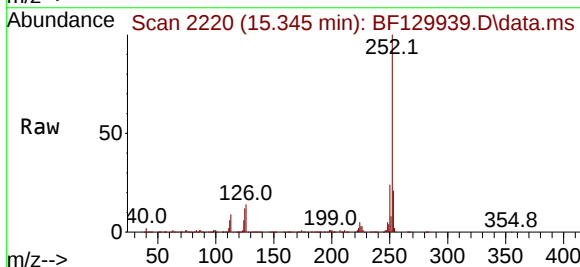
Instrument :
BNA_F
ClientSampleId :
PB146994BS

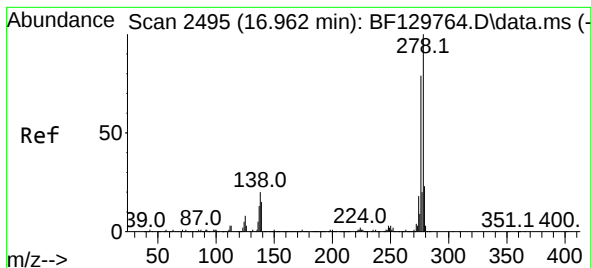
Tgt Ion:252 Resp: 861208
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 9.4 8.3 12.5



#90
Benzo(a)pyrene
Concen: 44.695 ng
RT: 15.345 min Scan# 2220
Delta R.T. 0.006 min
Lab File: BF129939.D
Acq: 22 Aug 2022 14:23

Tgt Ion:252 Resp: 740767
Ion Ratio Lower Upper
252 100
253 21.0 17.2 25.8
125 11.7 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 43.760 ng

RT: 16.868 min Scan# 2495

Delta R.T. 0.012 min

Lab File: BF129939.D

Acq: 22 Aug 2022 14:23

Instrument :

BNA_F

ClientSampleId :

PB146994BS

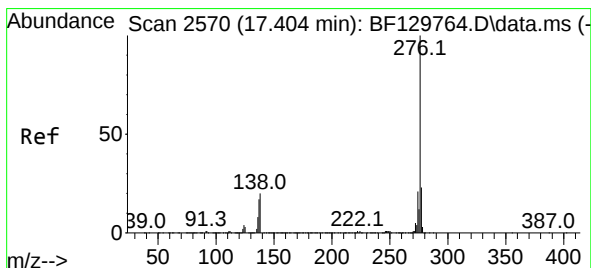
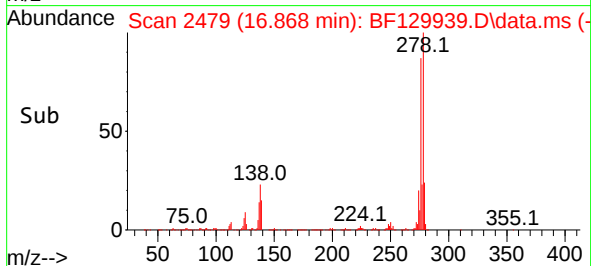
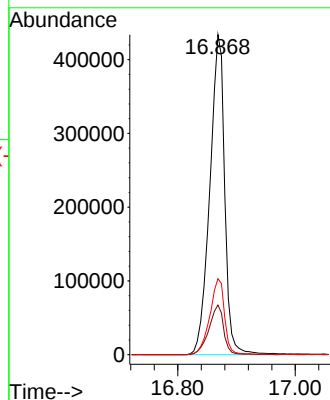
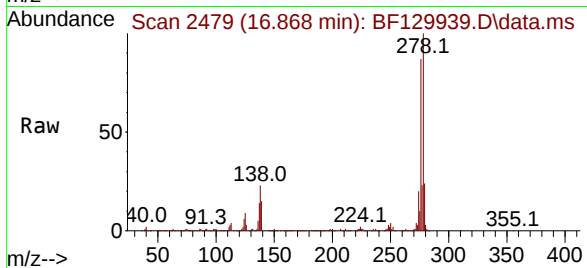
Tgt Ion:278 Resp: 761865

Ion Ratio Lower Upper

278 100

139 15.5 12.2 18.4

279 23.8 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 44.166 ng

RT: 17.304 min Scan# 2553

Delta R.T. 0.012 min

Lab File: BF129939.D

Acq: 22 Aug 2022 14:23

Tgt Ion:276 Resp: 767141

Ion Ratio Lower Upper

276 100

277 23.4 18.2 27.4

138 20.2 15.8 23.8

