

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072622\
 Data File : BF129347.D
 Acq On : 26 Jul 2022 10:30
 Operator : CG\JU
 Sample : PB146423BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146423BS

Quant Time: Jul 27 00:38:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	280753	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1138655	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	597013	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	1000730	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	644928	20.000	ng	0.00
86) Perylene-d12	15.551	264	526661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2075125	120.404	ng	0.02
7) Phenol-d6	6.522	99	2640727	121.900	ng	0.00
23) Nitrobenzene-d5	7.451	82	1742374	83.532	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	710912	123.856	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2881248	74.657	ng	0.00
79) Terphenyl-d14	13.004	244	3053295	89.317	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	273526	35.175	ng	89
3) Pyridine	3.540	79	714380	33.082	ng	88
4) n-Nitrosodimethylamine	3.487	42	424064	44.720	ng	# 88
6) Aniline	6.551	93	1003280	37.254	ng	99
8) 2-Chlorophenol	6.669	128	902579	47.935	ng	98
9) Benzaldehyde	6.434	77	335029	22.773	ng	98
10) Phenol	6.534	94	1101910	47.766	ng	95
11) bis(2-Chloroethyl)ether	6.622	93	855000	46.734	ng	93
12) 1,3-Dichlorobenzene	6.828	146	899177	44.526	ng	97
13) 1,4-Dichlorobenzene	6.904	146	916383	44.619	ng	99
14) 1,2-Dichlorobenzene	7.057	146	877744	46.496	ng	99
15) Benzyl Alcohol	7.028	79	729348	46.422	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1231411	44.777	ng	92
17) 2-Methylphenol	7.139	107	696916	44.615	ng	99
18) Hexachloroethane	7.398	117	349769	45.229	ng	93
19) n-Nitroso-di-n-propyla...	7.298	70	589744	44.969	ng	95
20) 3+4-Methylphenols	7.292	107	822133	41.394	ng	# 89
22) Acetophenone	7.298	105	1138057	42.929	ng	# 99
24) Nitrobenzene	7.469	77	914114	42.557	ng	97
25) Isophorone	7.710	82	1704459	45.586	ng	98
26) 2-Nitrophenol	7.787	139	479752	45.275	ng	92
27) 2,4-Dimethylphenol	7.822	122	816132	51.346	ng	97
28) bis(2-Chloroethoxy)met...	7.916	93	1048693	48.350	ng	100
29) 2,4-Dichlorophenol	8.028	162	717326	43.724	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	744677	43.853	ng	95
31) Naphthalene	8.192	128	2449940	42.349	ng	99
32) Benzoic acid	7.951	122	518260	45.102	ng	98
33) 4-Chloroaniline	8.239	127	690965	29.092	ng	97
34) Hexachlorobutadiene	8.304	225	418125	43.317	ng	100
35) Caprolactam	8.622	113	125581	23.545	ng	# 78
36) 4-Chloro-3-methylphenol	8.722	107	776782	44.642	ng	96
37) 2-Methylnaphthalene	8.881	142	1594551	42.414	ng	98
38) 1-Methylnaphthalene	8.981	142	1532843	42.237	ng	97
40) 1,2,4,5-Tetrachloroben...	9.051	216	671201	42.816	ng	# 98
41) Hexachlorocyclopentadiene	9.033	237	746358	106.920	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	489797	43.018	ng	97

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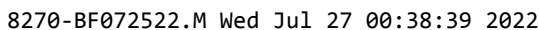
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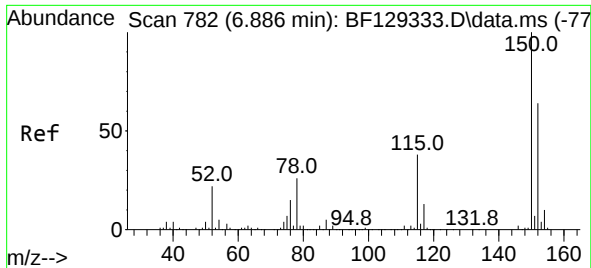
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	527039	42.565	ng	# 93
46) 1,1'-Biphenyl	9.351	154	1845196	42.350	ng	100
47) 2-Chloronaphthalene	9.375	162	1479207	41.997	ng	99
48) 2-Nitroaniline	9.475	65	497363	42.466	ng	89
49) Acenaphthylene	9.792	152	2355160	44.006	ng	99
50) Dimethylphthalate	9.651	163	1744488	42.328	ng	99
51) 2,6-Dinitrotoluene	9.716	165	408331	44.266	ng	100
52) Acenaphthene	9.963	154	1340160	38.338	ng	99
53) 3-Nitroaniline	9.886	138	341528	31.354	ng	# 92
54) 2,4-Dinitrophenol	9.998	184	434787	92.330	ng	# 87
55) Dibenzofuran	10.139	168	2008018	41.671	ng	97
56) 4-Nitrophenol	10.051	139	682995	84.992	ng	96
57) 2,4-Dinitrotoluene	10.122	165	536784	44.545	ng	98
58) Fluorene	10.480	166	1555237	40.337	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	407618	42.600	ng	93
60) Diethylphthalate	10.351	149	1682346	42.227	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	714212	42.018	ng	90
62) 4-Nitroaniline	10.510	138	439362	40.661	ng	93
63) Azobenzene	10.633	77	1681419	41.377	ng	95
65) 4,6-Dinitro-2-methylph...	10.533	198	279735	44.287	ng	87
66) n-Nitrosodiphenylamine	10.592	169	1415381	42.470	ng	96
67) 4-Bromophenyl-phenylether	10.963	248	483405	44.113	ng	96
68) Hexachlorobenzene	11.027	284	526328	44.327	ng	99
69) Atrazine	11.116	200	446166	44.076	ng	97
70) Pentachlorophenol	11.222	266	563716	87.332	ng	98
71) Phenanthrene	11.445	178	2266083	41.483	ng	99
72) Anthracene	11.498	178	2280227	42.476	ng	99
73) Carbazole	11.651	167	2178390	43.107	ng	100
74) Di-n-butylphthalate	11.974	149	2547811	42.336	ng	99
75) Fluoranthene	12.633	202	2319992	41.915	ng	97
77) Benzidine	12.757	184	772737	33.916	ng	99
78) Pyrene	12.869	202	2335377	43.303	ng	99
80) Butylbenzylphthalate	13.474	149	1062756	45.432	ng	98
81) Benzo(a)anthracene	14.057	228	1894822	43.011	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	516279	35.494	ng	98
83) Chrysene	14.092	228	1715656	41.321	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1409851	45.779	ng	99
85) Di-n-octyl phthalate	14.645	149	2059334	46.468	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	1588751	44.797	ng	98
88) Benzo(b)fluoranthene	15.115	252	1572733	45.019	ng	98
89) Benzo(k)fluoranthene	15.145	252	1567851	45.796	ng	98
90) Benzo(a)pyrene	15.492	252	1473315	51.952	ng	97
91) Dibenzo(a,h)anthracene	17.086	278	1371500	47.513	ng	99
92) Benzo(g,h,i)perylene	17.527	276	1408591	47.755	ng	98

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

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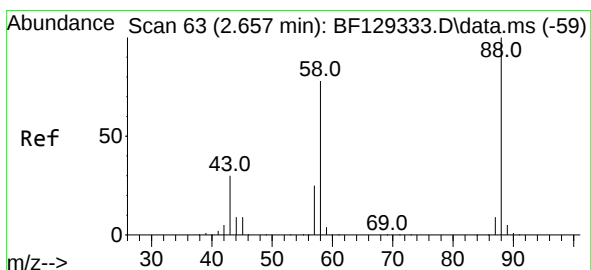
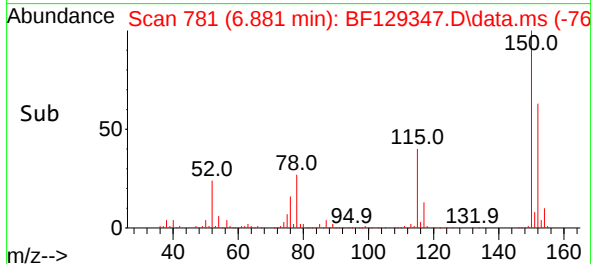
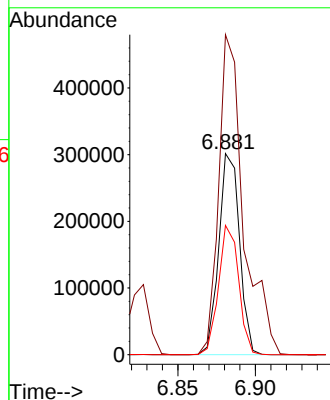
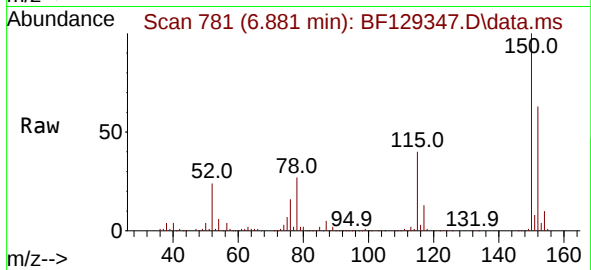




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129347.D
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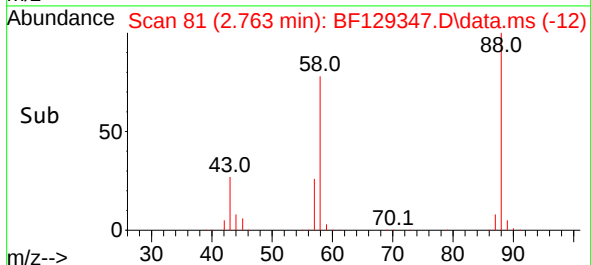
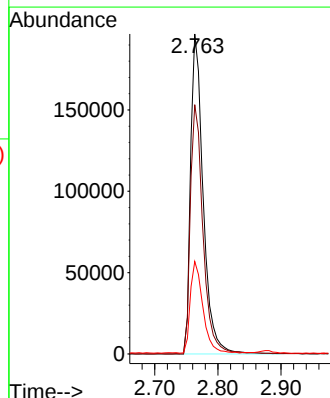
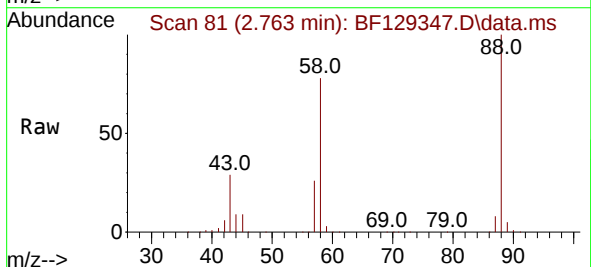
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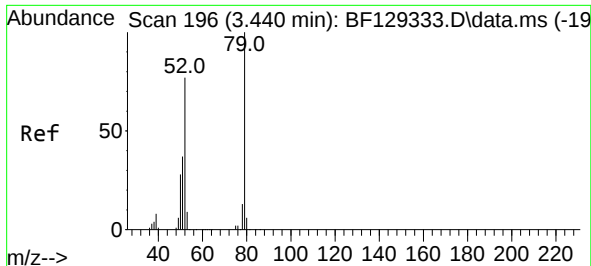
Tgt Ion:152 Resp: 280753
 Ion Ratio Lower Upper
 152 100
 150 159.1 123.7 185.5
 115 64.2 49.9 74.9



#2
 1,4-Dioxane
 Concen: 35.175 ng
 RT: 2.763 min Scan# 81
 Delta R.T. 0.106 min
 Lab File: BF129347.D
 Acq: 26 Jul 2022 10:30

Tgt Ion: 88 Resp: 273526
 Ion Ratio Lower Upper
 88 100
 58 78.1 71.8 107.8
 43 28.7 26.6 39.8

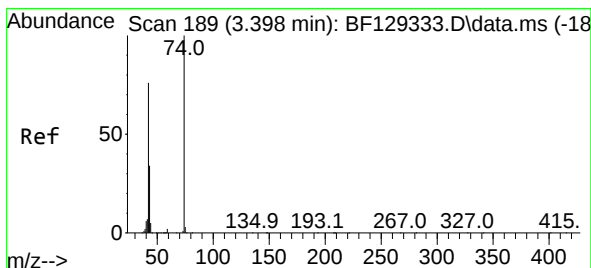
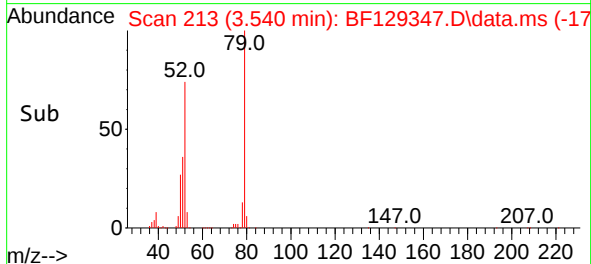
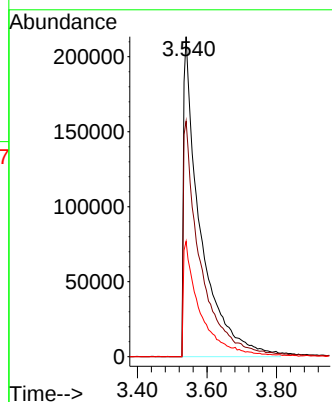
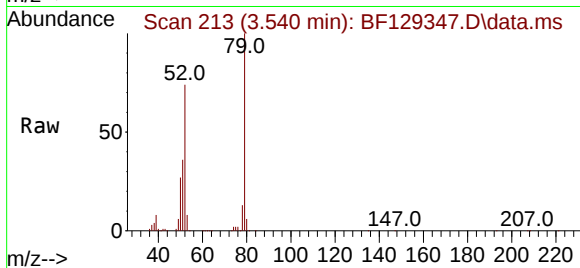




#3
Pyridine
Concen: 33.082 ng
RT: 3.540 min Scan# 213
Delta R.T. 0.100 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

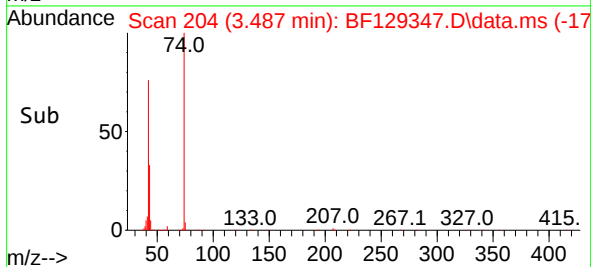
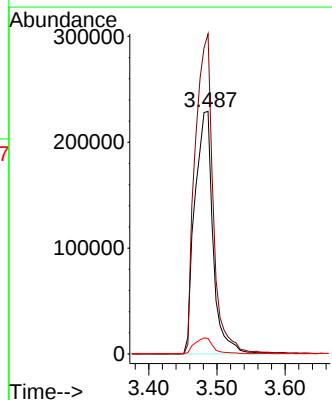
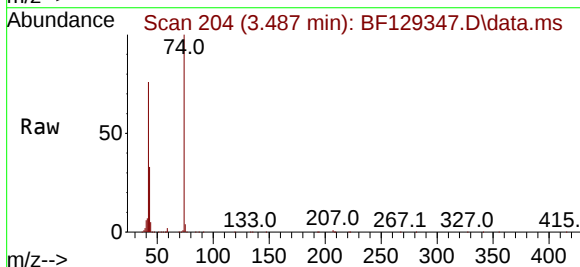
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ClientSampleId :
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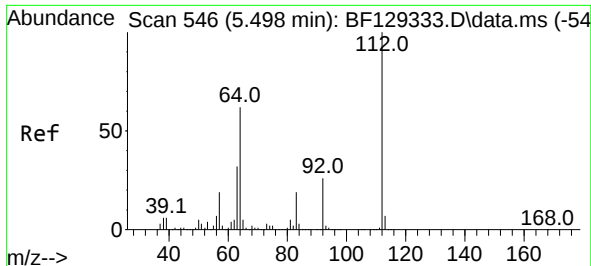
Tgt Ion: 79 Resp: 714380
Ion Ratio Lower Upper
79 100
52 73.6 68.6 102.8
51 36.0 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 44.720 ng
RT: 3.487 min Scan# 204
Delta R.T. 0.088 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

Tgt Ion: 42 Resp: 424064
Ion Ratio Lower Upper
42 100
74 132.0 94.8 142.2
44 6.4 6.6 10.0#

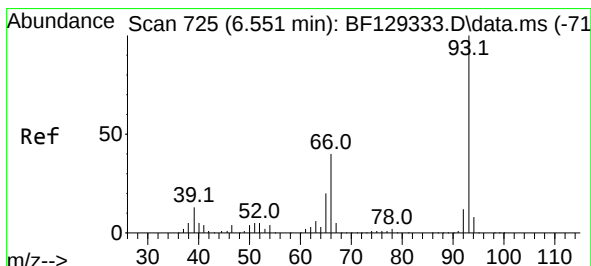
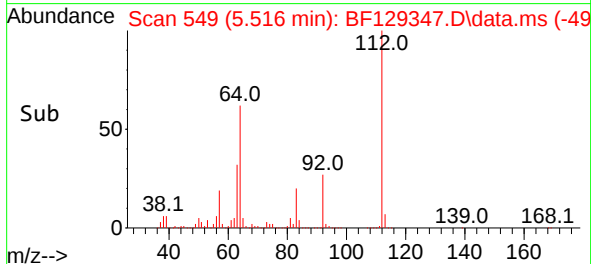
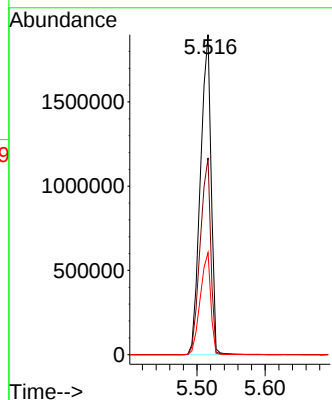
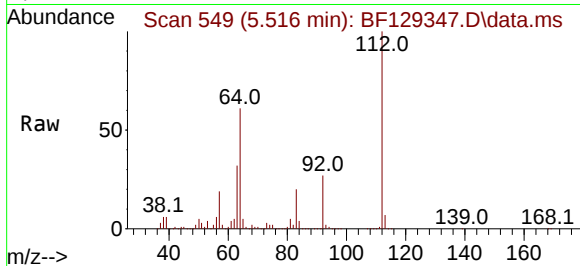




#5
2-Fluorophenol
Concen: 120.404 ng
RT: 5.516 min Scan# 546
Delta R.T. 0.018 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

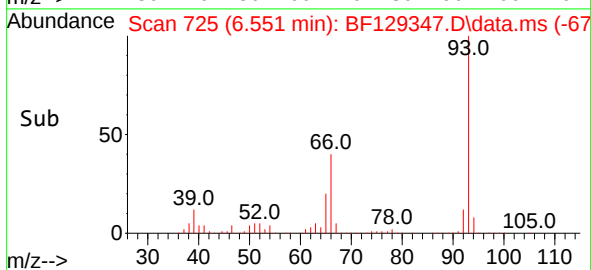
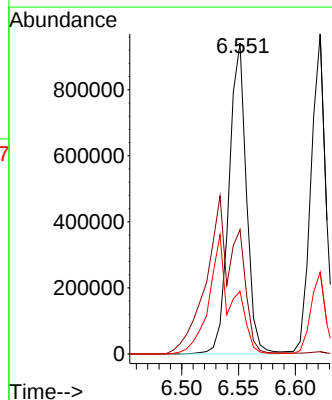
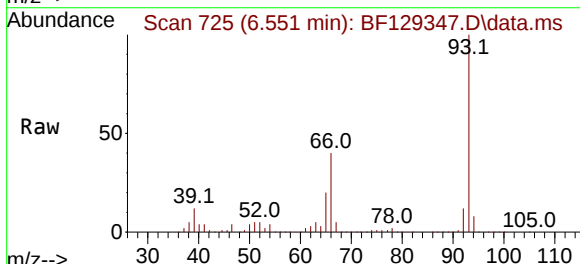
Instrument :
BNA_F
ClientSampleId :
PB146423BS

Tgt Ion:112 Resp: 2075125
Ion Ratio Lower Upper
112 100
64 61.5 53.3 79.9
63 31.9 28.0 42.0



#6
Aniline
Concen: 37.254 ng
RT: 6.551 min Scan# 725
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

Tgt Ion: 93 Resp: 1003280
Ion Ratio Lower Upper
93 100
66 40.0 32.5 48.7
65 20.1 16.4 24.6



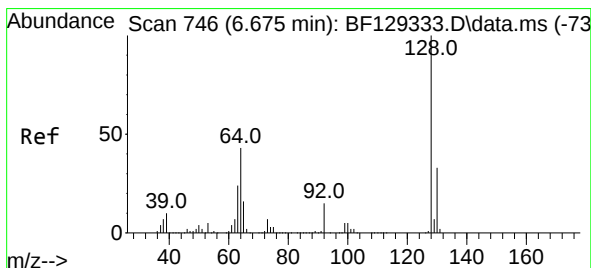
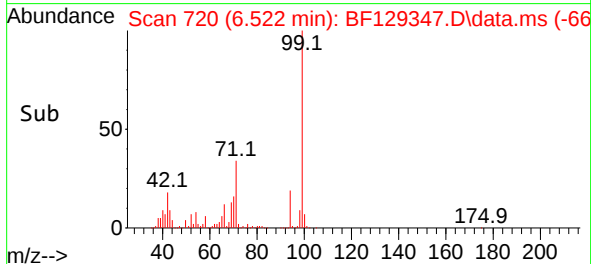
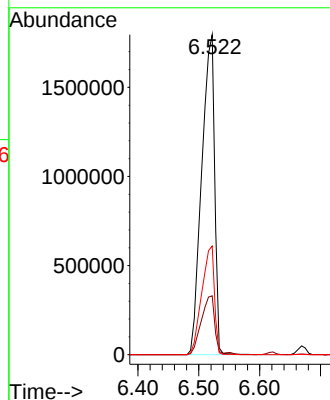
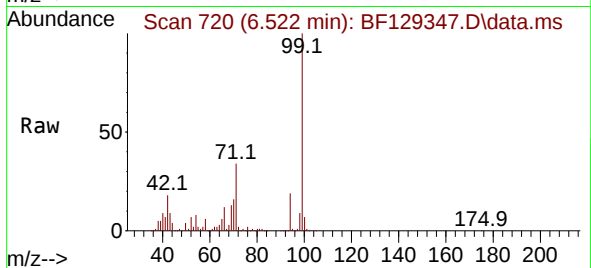


#7
Phenol-d6
Concen: 121.900 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129347.D
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Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 2640727

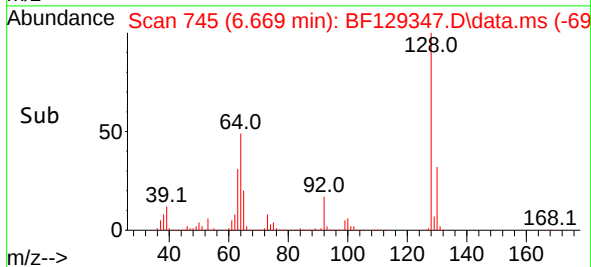
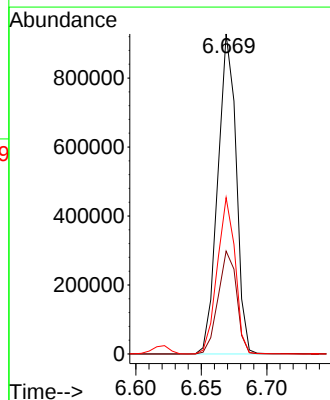
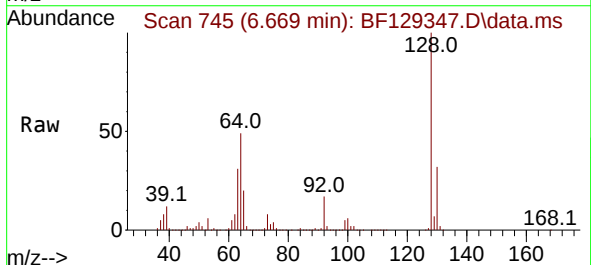
Ion	Ratio	Lower	Upper
99	100		
42	18.4	17.3	25.9
71	33.9	28.9	43.3

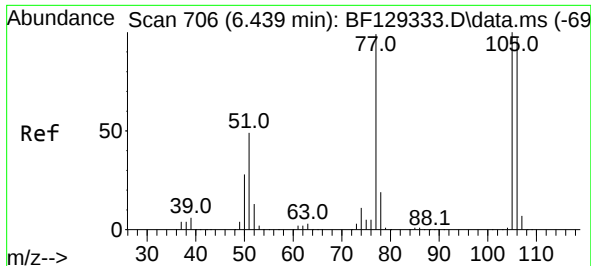


#8
2-Chlorophenol
Concen: 47.935 ng
RT: 6.669 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

Tgt Ion: 128 Resp: 902579

Ion	Ratio	Lower	Upper
128	100		
130	32.1	13.1	53.1
64	48.9	30.9	70.9

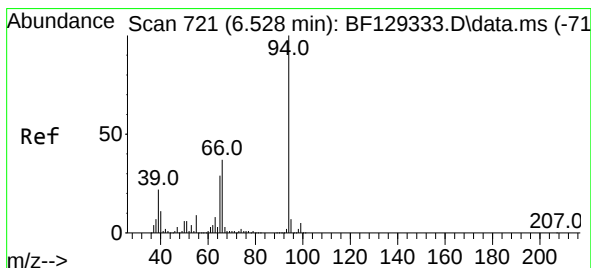
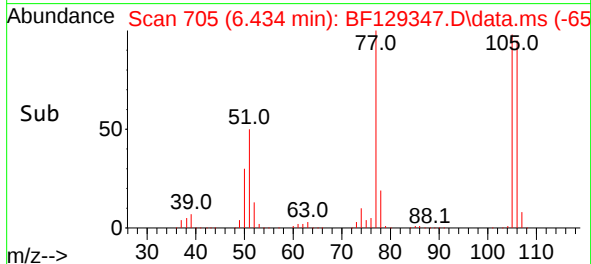
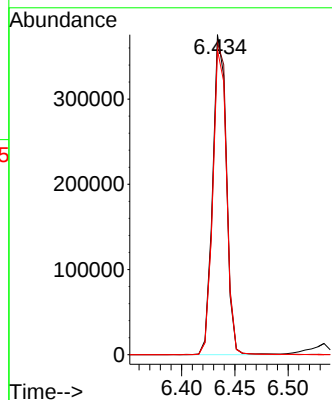
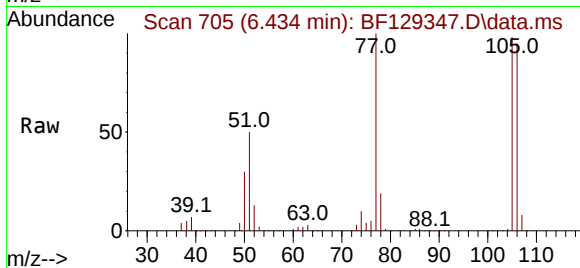




#9
Benzaldehyde
Concen: 22.773 ng
RT: 6.434 min Scan# 705
Delta R.T. -0.006 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

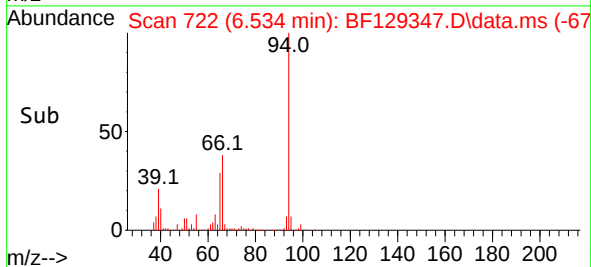
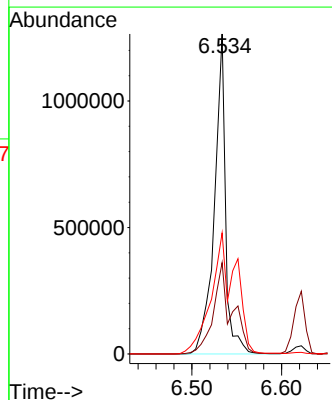
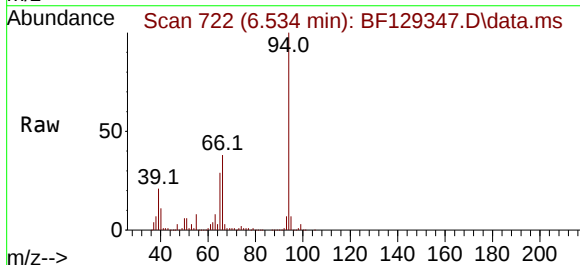
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ClientSampleId :
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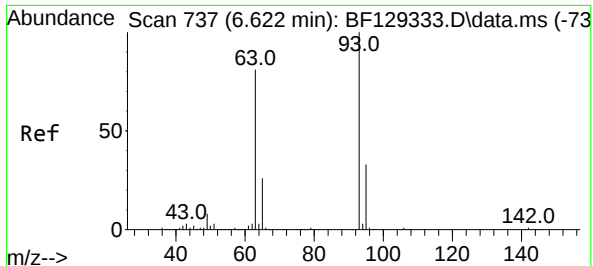
Tgt Ion: 77 Resp: 335029
Ion Ratio Lower Upper
77 100
105 97.6 81.6 121.6
106 95.2 76.1 116.1



#10
Phenol
Concen: 47.766 ng
RT: 6.534 min Scan# 722
Delta R.T. 0.006 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

Tgt Ion: 94 Resp: 1101910
Ion Ratio Lower Upper
94 100
65 28.5 11.4 51.4
66 37.8 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 46.734 ng

RT: 6.622 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

Instrument :

BNA_F

ClientSampleId :

PB146423BS

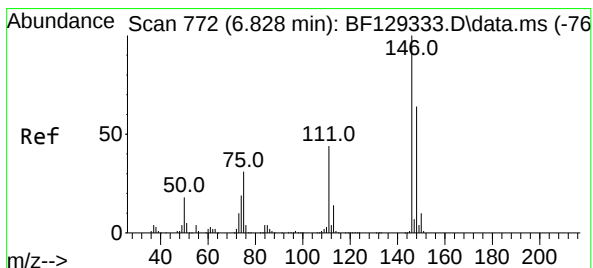
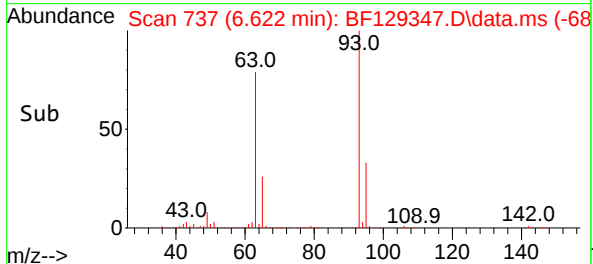
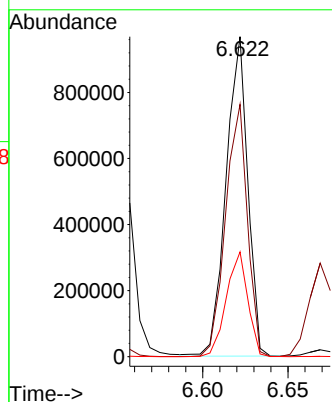
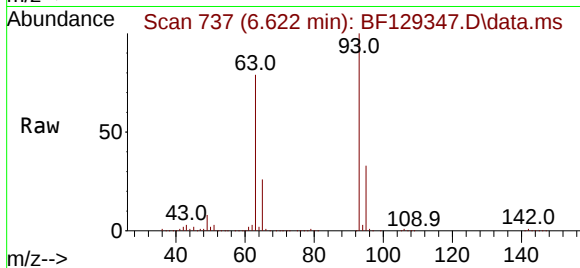
Tgt Ion: 93 Resp: 855000

Ion Ratio Lower Upper

93 100

63 78.8 67.4 107.4

95 32.8 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 44.526 ng

RT: 6.828 min Scan# 772

Delta R.T. 0.000 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

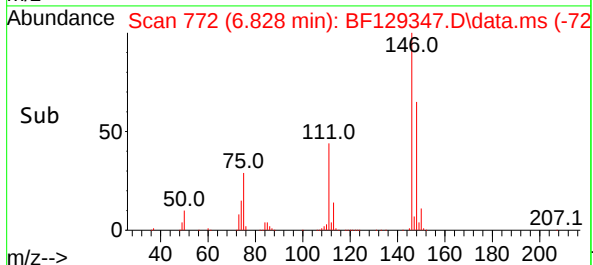
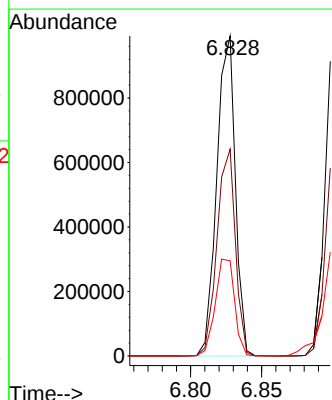
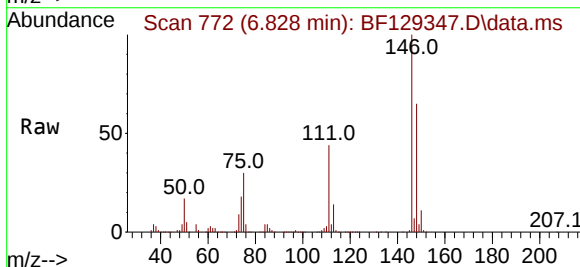
Tgt Ion: 146 Resp: 899177

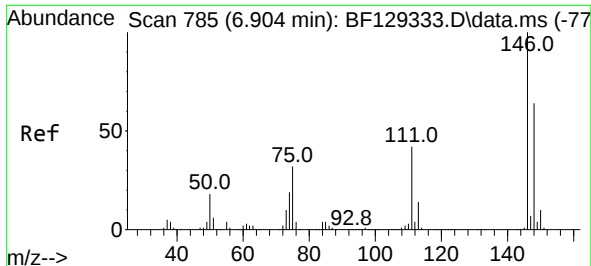
Ion Ratio Lower Upper

146 100

148 64.7 50.6 75.8

75 29.8 26.3 39.5

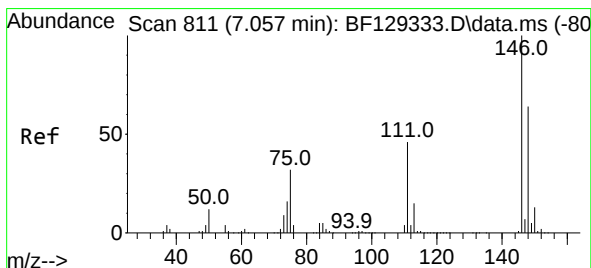
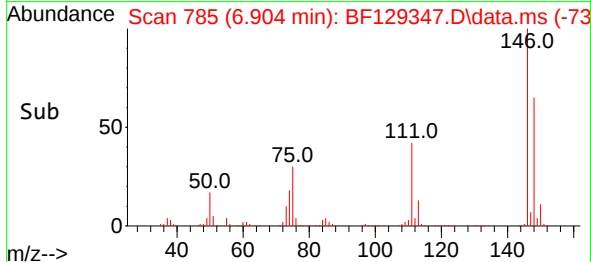
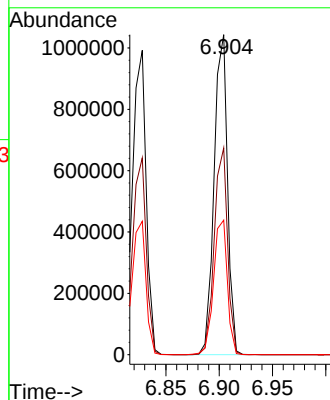
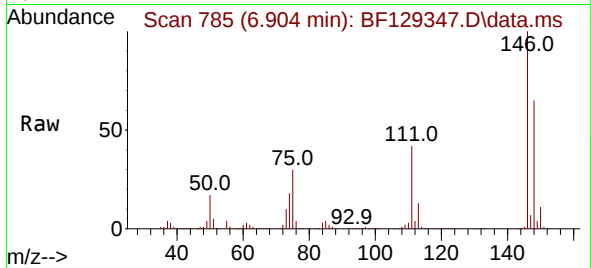




#13
 1,4-Dichlorobenzene
 Concen: 44.619 ng
 RT: 6.904 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: BF129347.D
 Acq: 26 Jul 2022 10:30

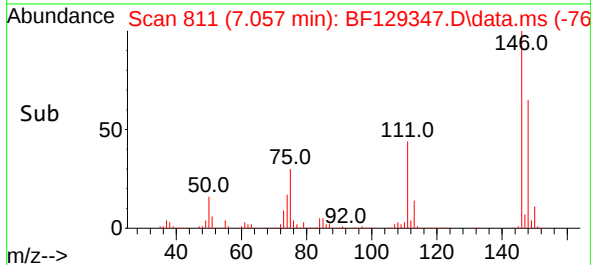
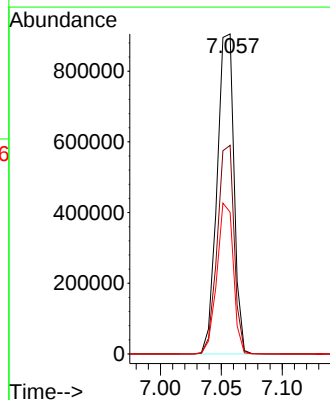
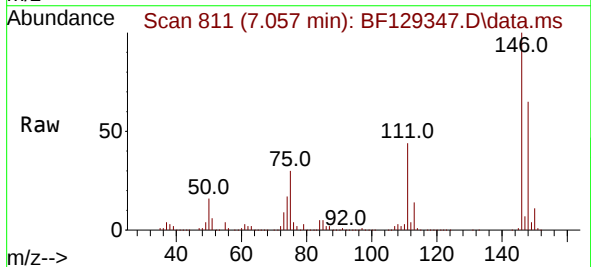
Instrument :
 BNA_F
 ClientSampleId :
 PB146423BS

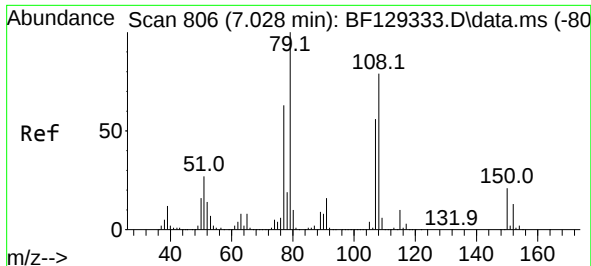
Tgt Ion:146 Resp: 916383
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.1 76.7
 111 42.1 34.2 51.4



#14
 1,2-Dichlorobenzene
 Concen: 46.496 ng
 RT: 7.057 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: BF129347.D
 Acq: 26 Jul 2022 10:30

Tgt Ion:146 Resp: 877744
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.8 77.8
 111 44.3 35.1 52.7

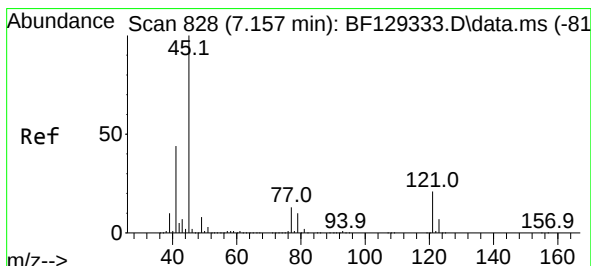
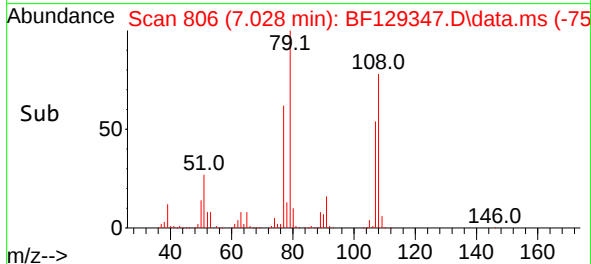
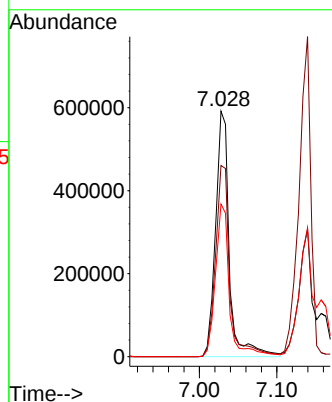
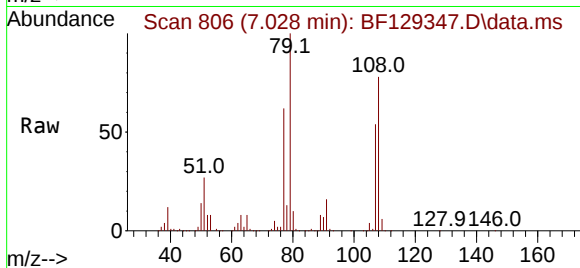




#15
Benzyl Alcohol
Concen: 46.422 ng
RT: 7.028 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

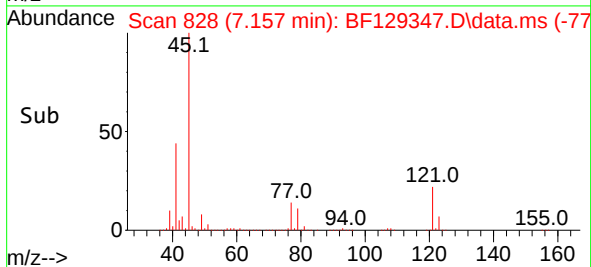
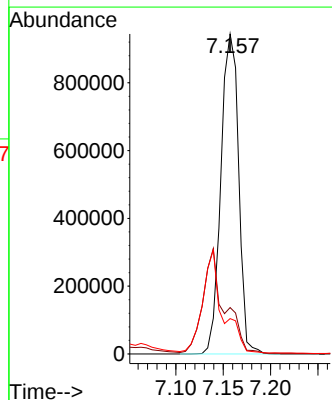
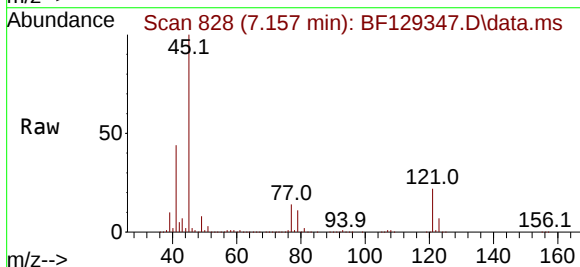
Instrument :
BNA_F
ClientSampleId :
PB146423BS

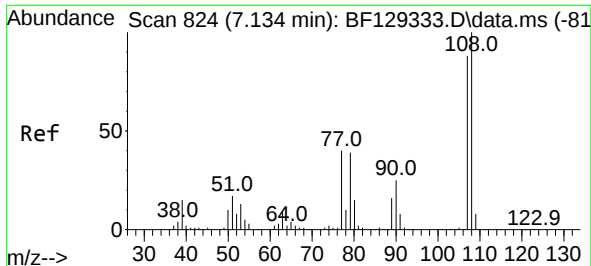
Tgt Ion: 79 Resp: 729348
Ion Ratio Lower Upper
79 100
108 77.9 61.8 92.6
77 62.1 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.777 ng
RT: 7.157 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

Tgt Ion: 45 Resp: 1231411
Ion Ratio Lower Upper
45 100
77 14.5 0.0 31.3
79 11.0 0.0 28.3

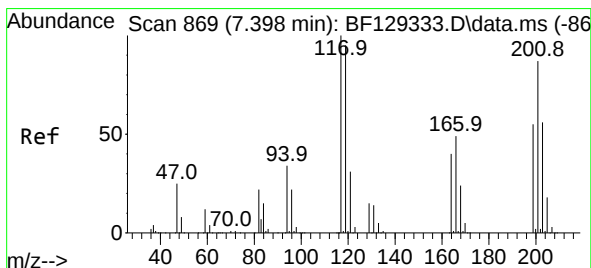
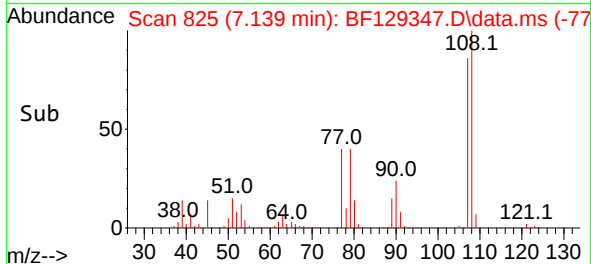
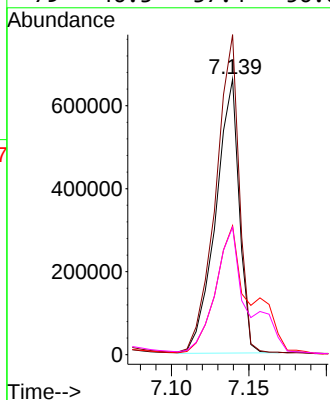
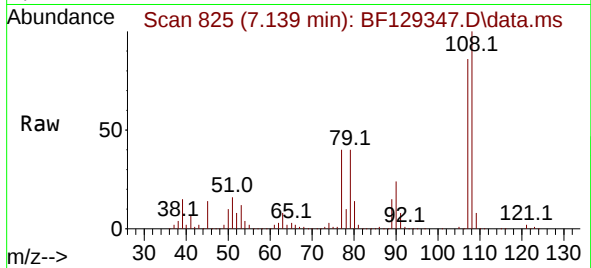




#17
2-Methylphenol
Concen: 44.615 ng
RT: 7.139 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

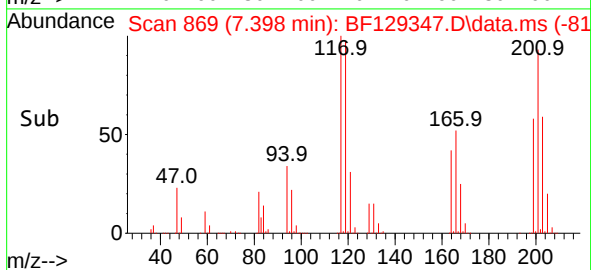
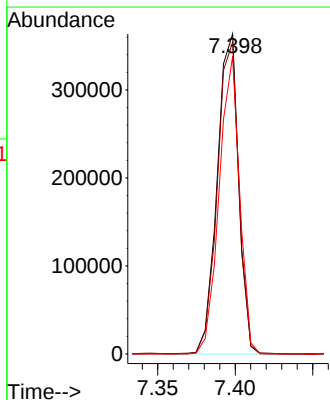
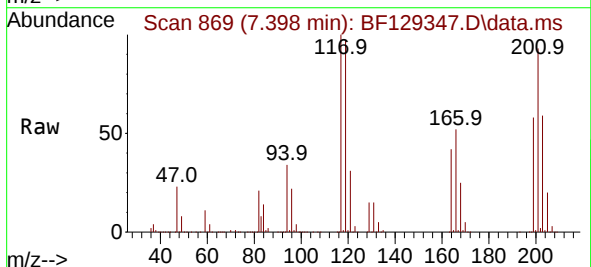
Instrument :
BNA_F
ClientSampleId :
PB146423BS

Tgt Ion:107 Resp: 696916
Ion Ratio Lower Upper
107 100
108 116.1 91.9 137.9
77 46.8 37.8 56.8
79 46.3 37.4 56.0



#18
Hexachloroethane
Concen: 45.229 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

Tgt Ion:117 Resp: 349769
Ion Ratio Lower Upper
117 100
119 97.4 77.4 116.2
201 93.0 84.6 127.0



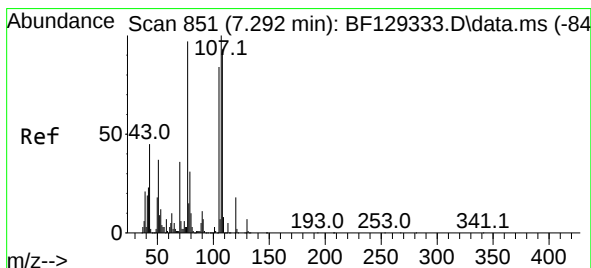
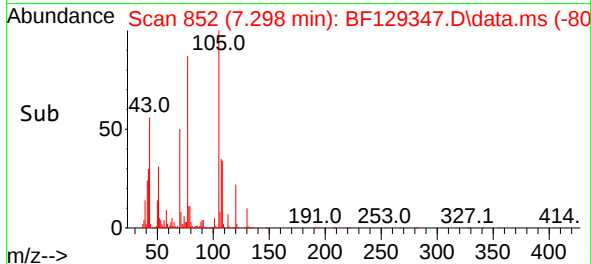
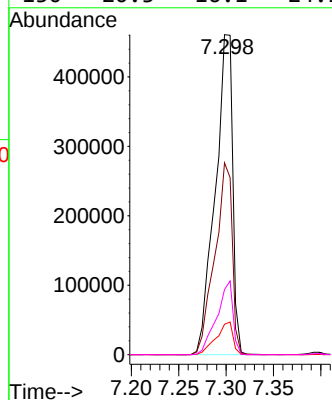
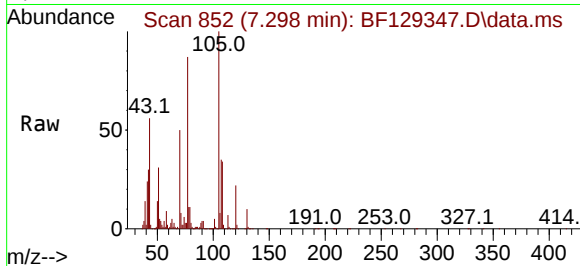


#19
n-Nitroso-di-n-propylamine
Concen: 44.969 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

Instrument :
BNA_F
ClientSampleId :
PB146423BS

Tgt Ion: 70 Resp: 589744

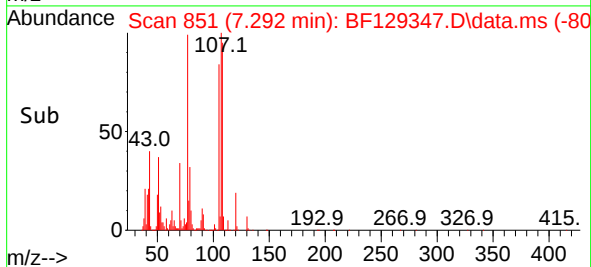
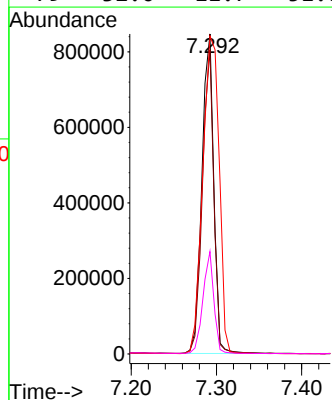
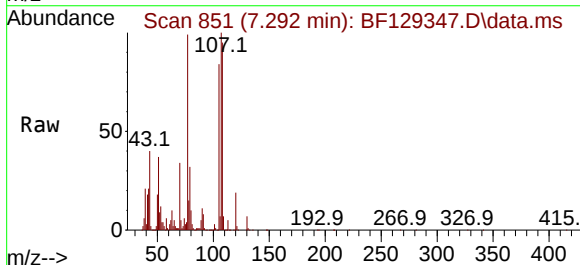
Ion	Ratio	Lower	Upper
70	100		
42	60.0	52.3	78.5
101	9.5	7.5	11.3
130	20.3	16.1	24.1



#20
3+4-Methylphenols
Concen: 41.394 ng
RT: 7.292 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

Tgt Ion: 107 Resp: 822133

Ion	Ratio	Lower	Upper
107	100		
108	95.0	71.8	111.8
77	99.4	59.3	99.3#
79	32.0	11.7	51.7

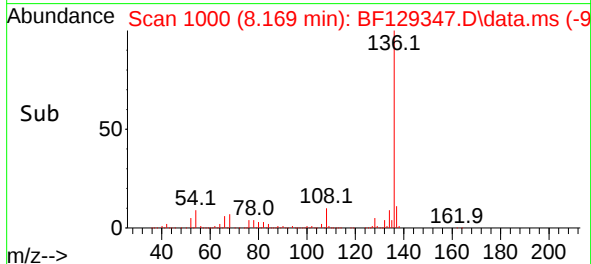
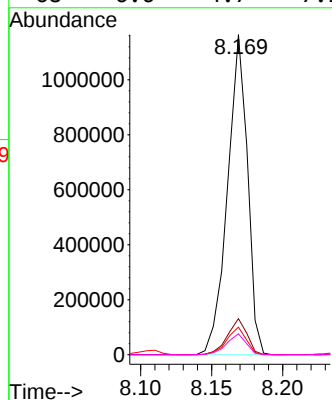
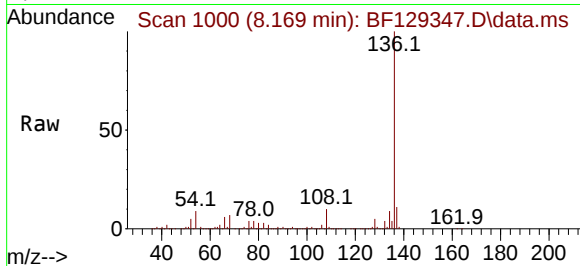




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

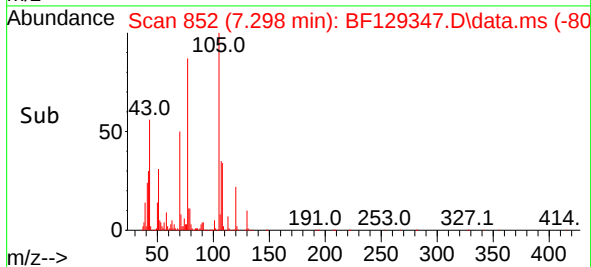
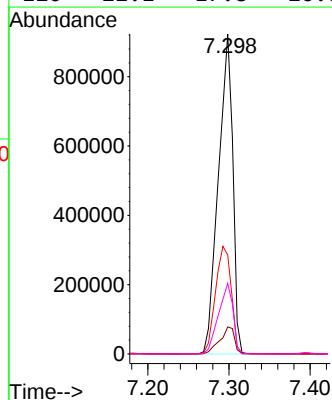
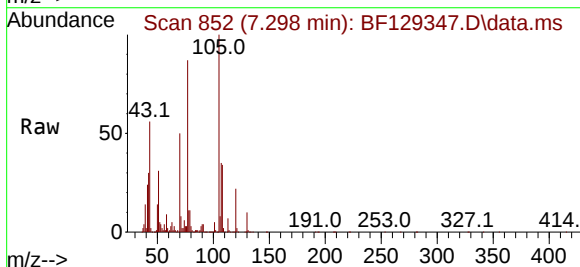
Instrument :
BNA_F
ClientSampleId :
PB146423BS

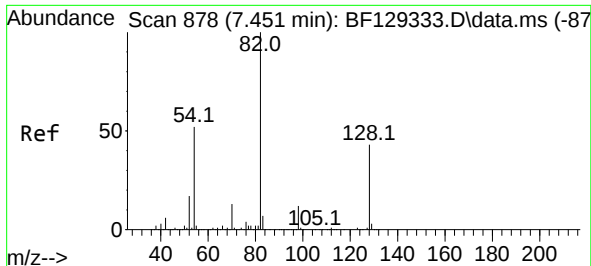
Tgt Ion:136 Resp: 1138655
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.6 7.5 11.3
68 6.6 4.7 7.1



#22
Acetophenone
Concen: 42.929 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

Tgt Ion:105 Resp: 1138057
Ion Ratio Lower Upper
105 100
71 8.5 5.0 7.4#
51 30.9 25.0 37.4
120 22.1 17.8 26.8





#23

Nitrobenzene-d5

Concen: 83.532 ng

RT: 7.451 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

Instrument :

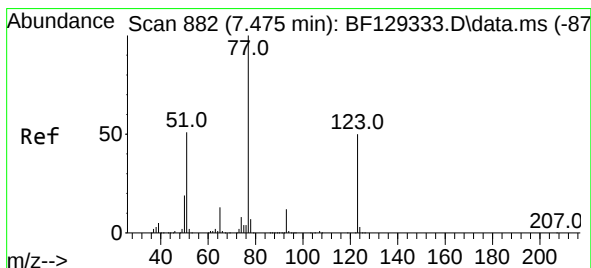
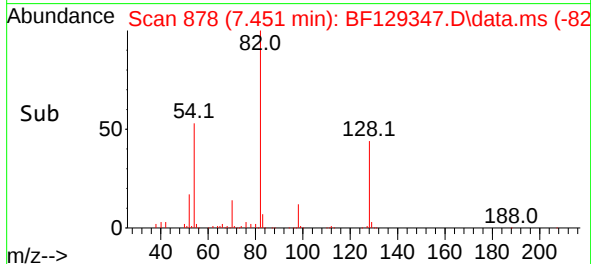
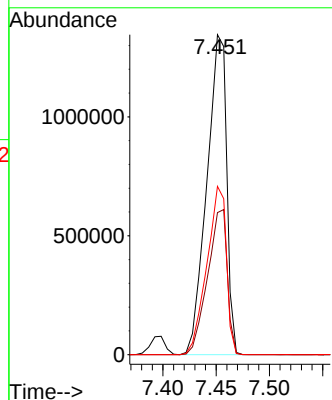
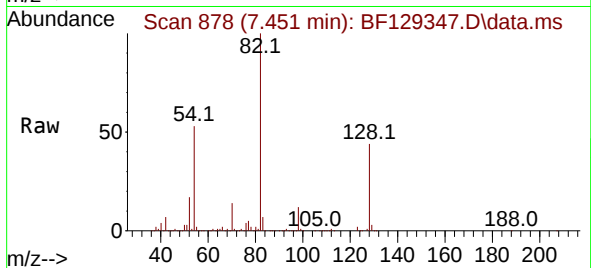
BNA_F

ClientSampleId :

PB146423BS

Tgt Ion: 82 Resp: 1742374

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.0	51.0
54	52.6	46.9	70.3



#24

Nitrobenzene

Concen: 42.557 ng

RT: 7.469 min Scan# 881

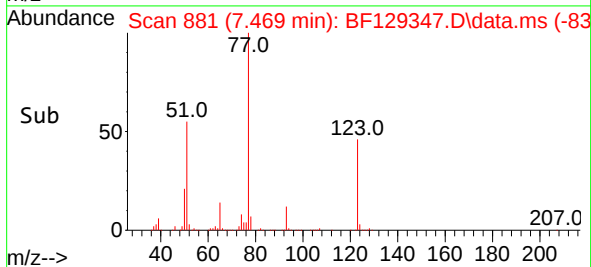
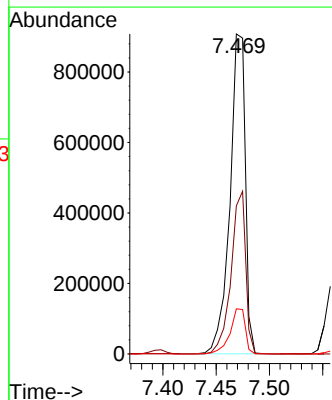
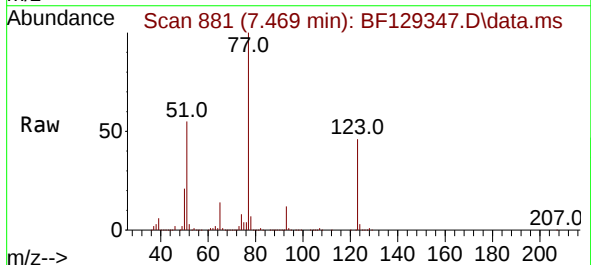
Delta R.T. -0.006 min

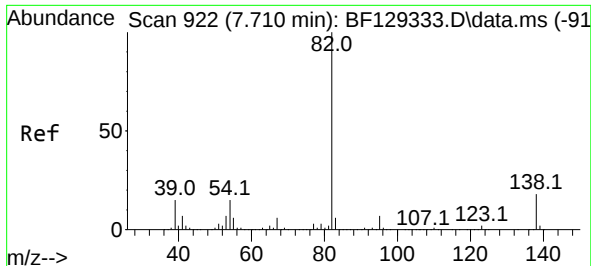
Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

Tgt Ion: 77 Resp: 914114

Ion	Ratio	Lower	Upper
77	100		
123	46.3	35.4	53.2
65	14.1	11.8	17.8

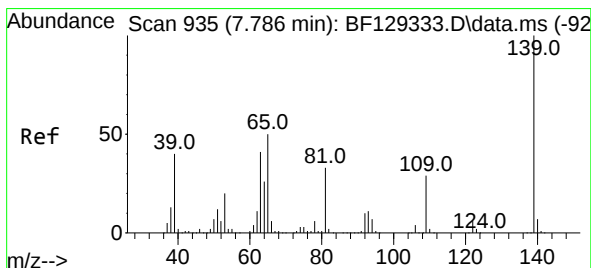
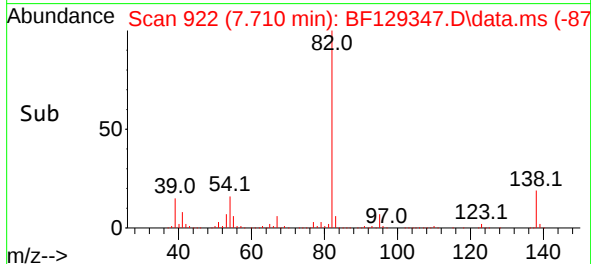
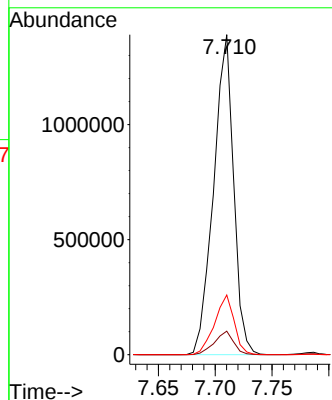
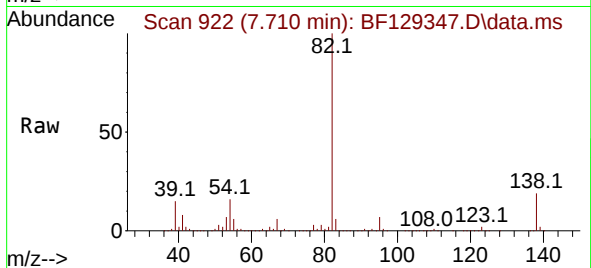




#25
Isophorone
Concen: 45.586 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

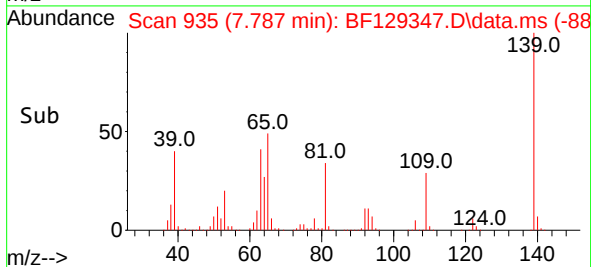
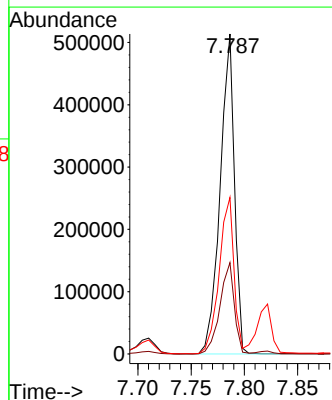
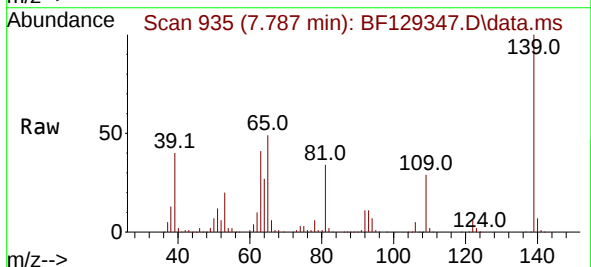
Instrument :
BNA_F
ClientSampleId :
PB146423BS

Tgt Ion: 82 Resp: 1704459
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 18.6 14.2 21.2



#26
2-Nitrophenol
Concen: 45.275 ng
RT: 7.787 min Scan# 935
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

Tgt Ion: 139 Resp: 479752
Ion Ratio Lower Upper
139 100
109 28.6 25.0 37.4
65 48.9 45.1 67.7

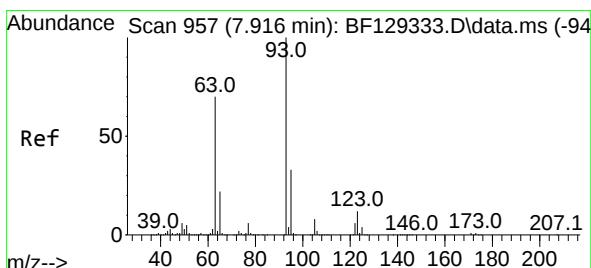
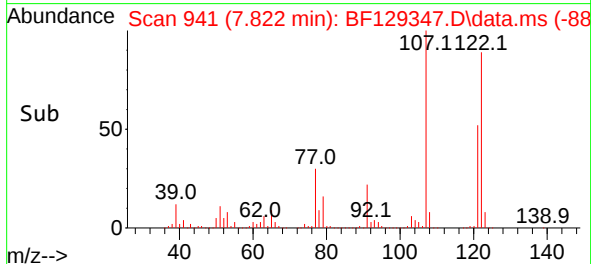
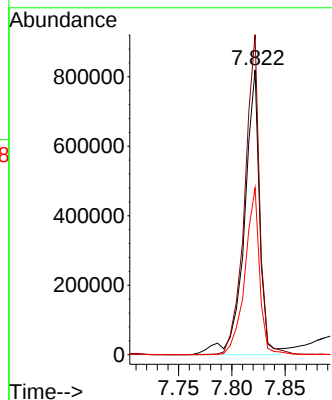
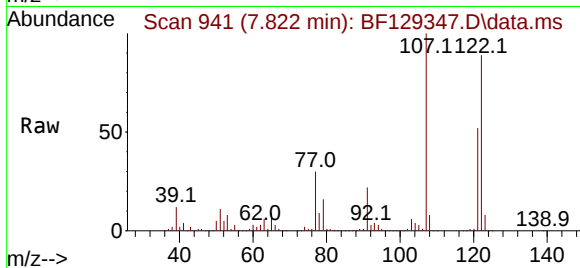




#27
2,4-Dimethylphenol
Concen: 51.346 ng
RT: 7.822 min Scan# 941
Delta R.T. 0.006 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

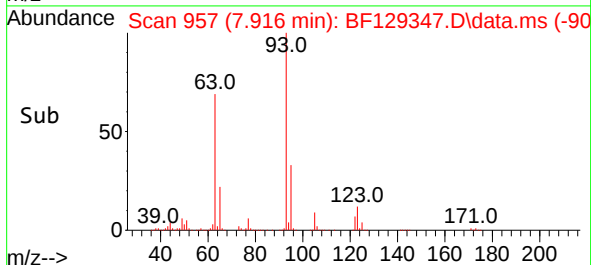
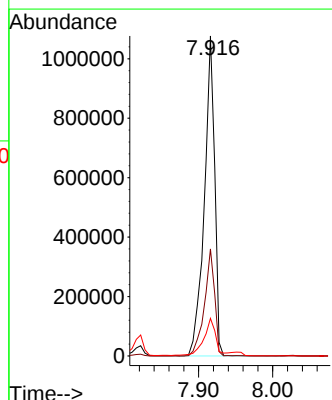
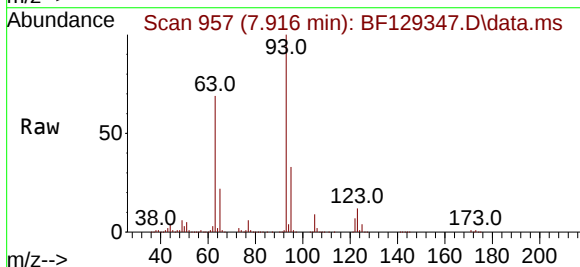
Instrument :
BNA_F
ClientSampleId :
PB146423BS

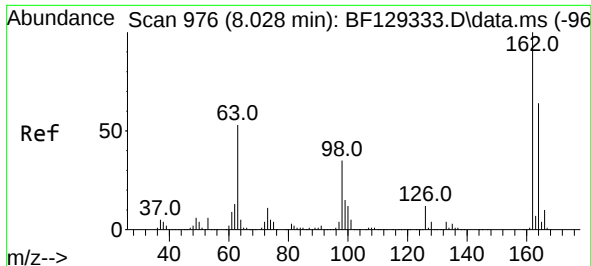
Tgt Ion:122 Resp: 816132
Ion Ratio Lower Upper
122 100
107 112.3 93.0 139.6
121 58.6 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 48.350 ng
RT: 7.916 min Scan# 957
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

Tgt Ion: 93 Resp: 1048693
Ion Ratio Lower Upper
93 100
95 33.4 26.8 40.2
123 11.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 43.724 ng

RT: 8.028 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

Instrument :

BNA_F

ClientSampleId :

PB146423BS

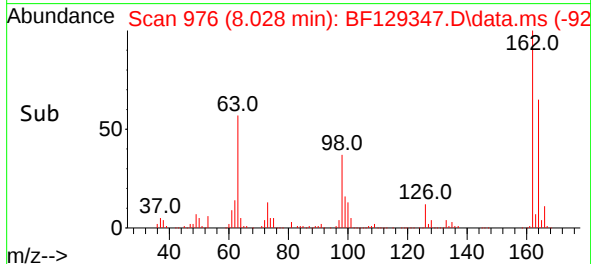
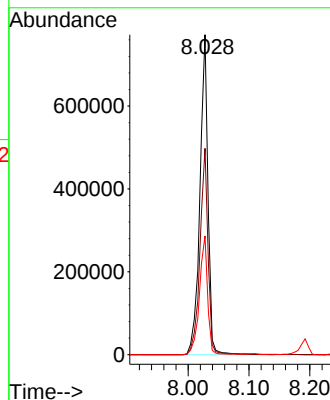
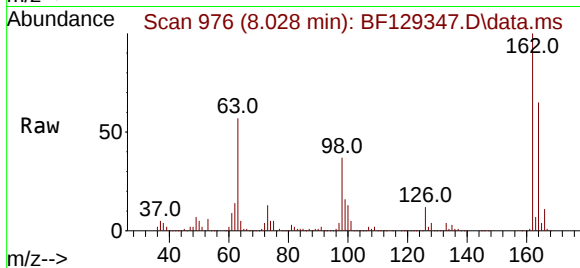
Tgt Ion:162 Resp: 717326

Ion Ratio Lower Upper

162 100

164 64.5 44.2 84.2

98 37.1 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 43.853 ng

RT: 8.110 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

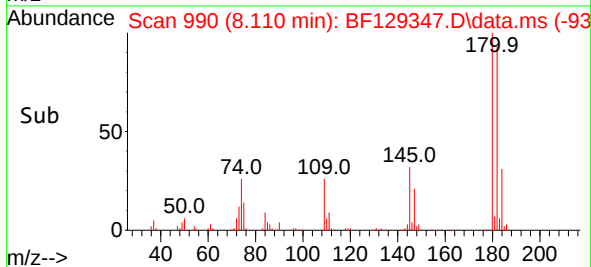
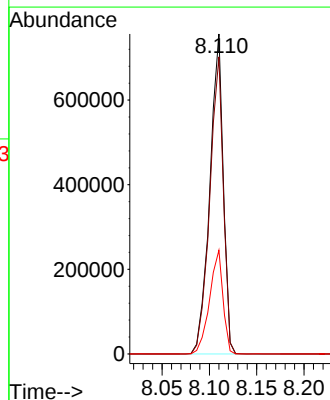
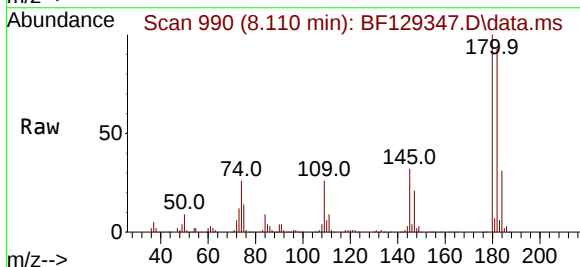
Tgt Ion:180 Resp: 744677

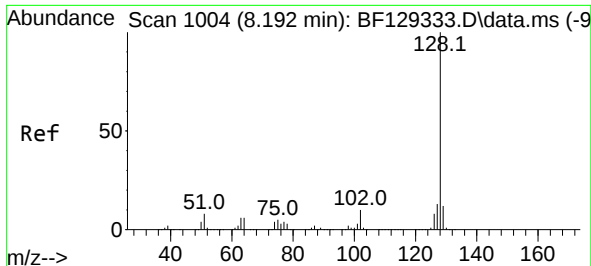
Ion Ratio Lower Upper

180 100

182 92.8 79.2 118.8

145 32.4 26.2 39.2

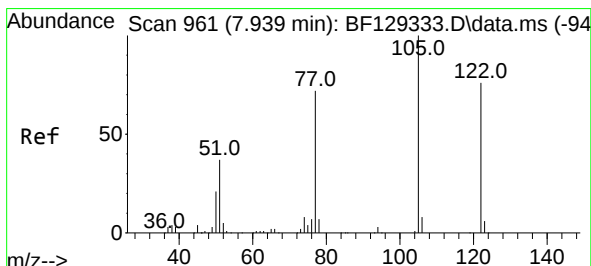
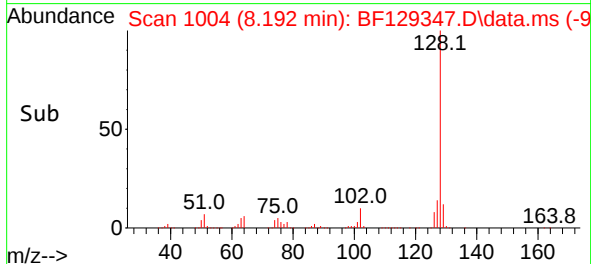
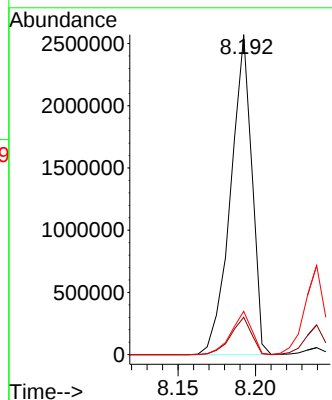
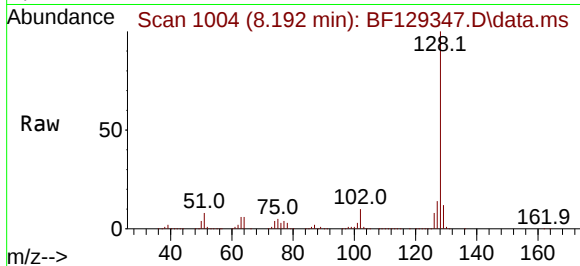




#31
Naphthalene
Concen: 42.349 ng
RT: 8.192 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

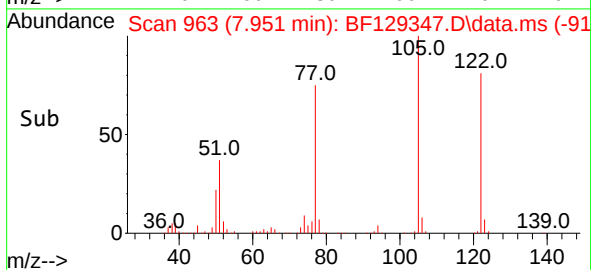
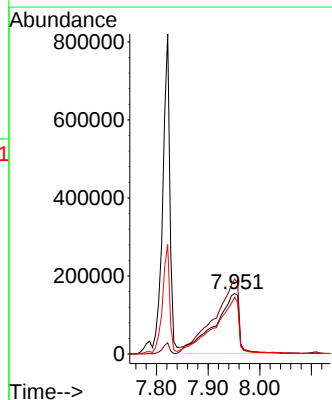
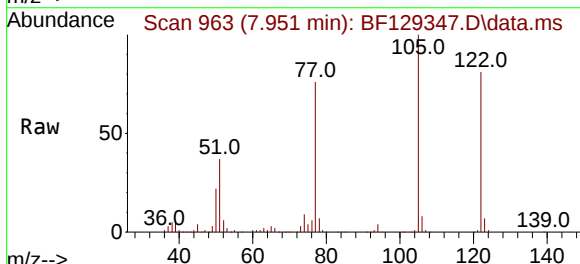
Instrument :
BNA_F
ClientSampleId :
PB146423BS

Tgt Ion:128 Resp: 2449940
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.6 10.5 15.7



#32
Benzoic acid
Concen: 45.102 ng
RT: 7.951 min Scan# 963
Delta R.T. 0.012 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

Tgt Ion:122 Resp: 518260
Ion Ratio Lower Upper
122 100
105 124.1 107.1 147.1
77 94.1 74.2 114.2

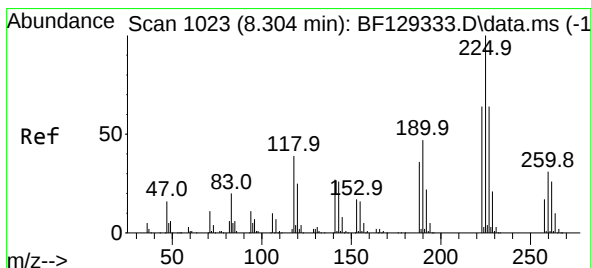
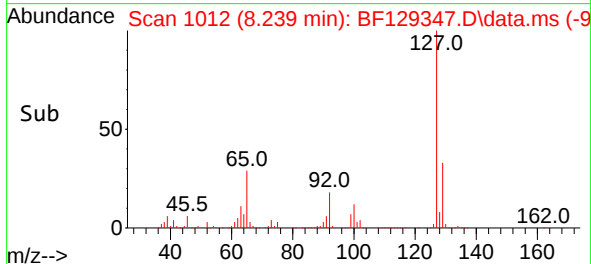
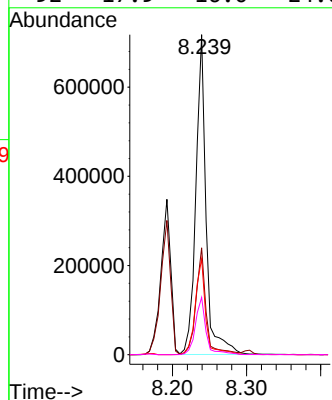
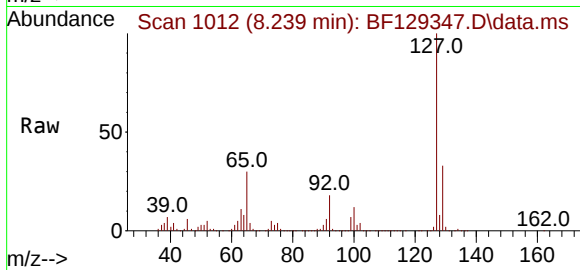




#33
4-Chloroaniline
Concen: 29.092 ng
RT: 8.239 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

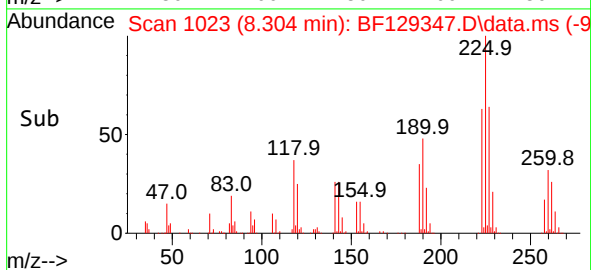
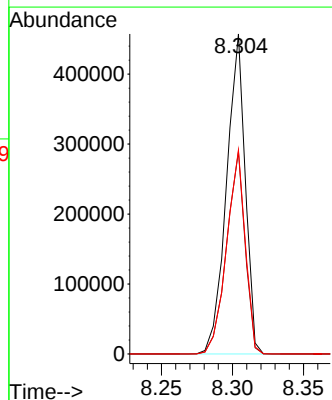
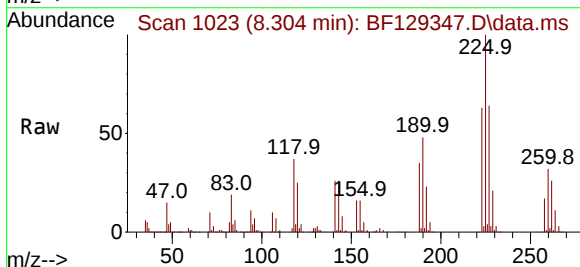
Instrument :
BNA_F
ClientSampleId :
PB146423BS

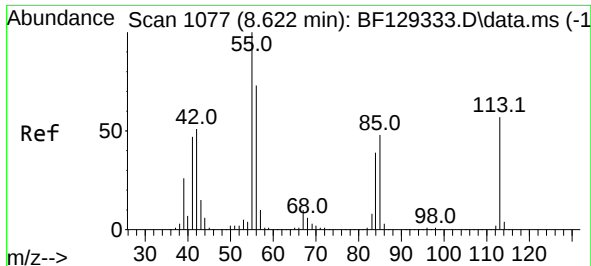
Tgt Ion:	127	Resp:	690965
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.4	39.6
65	30.0	26.4	39.6
92	17.9	16.0	24.0



#34
Hexachlorobutadiene
Concen: 43.317 ng
RT: 8.304 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

Tgt Ion:	225	Resp:	418125
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.0	76.6
227	63.8	51.1	76.7





#35

Caprolactam

Concen: 23.545 ng

RT: 8.622 min Scan# 1077

Delta R.T. 0.000 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

Instrument :

BNA_F

ClientSampleId :

PB146423BS

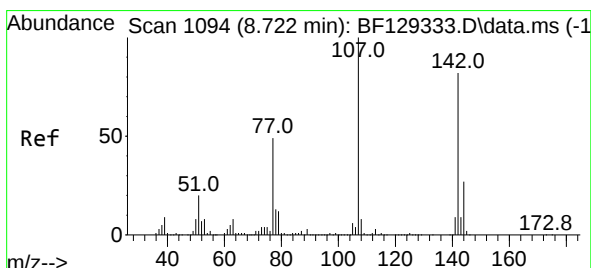
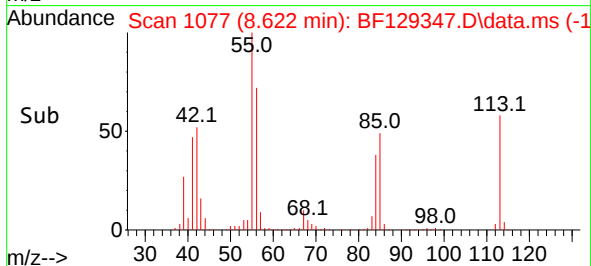
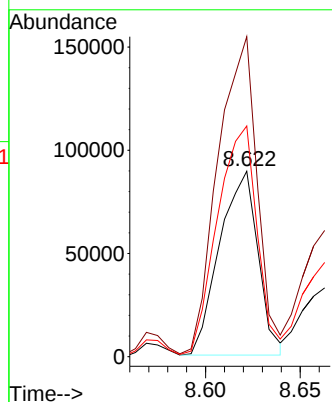
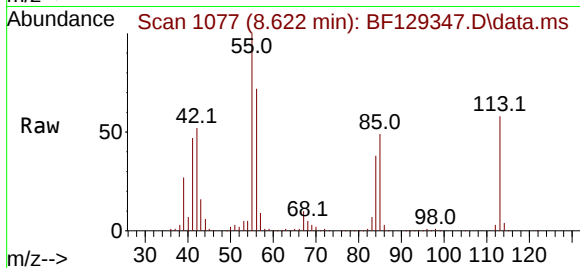
Tgt Ion:113 Resp: 125581

Ion Ratio Lower Upper

113 100

55 172.6 188.5 228.5#

56 124.4 130.6 170.6#



#36

4-Chloro-3-methylphenol

Concen: 44.642 ng

RT: 8.722 min Scan# 1094

Delta R.T. 0.000 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

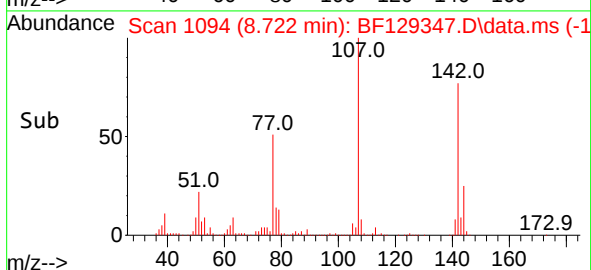
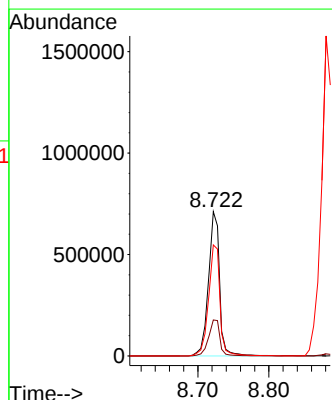
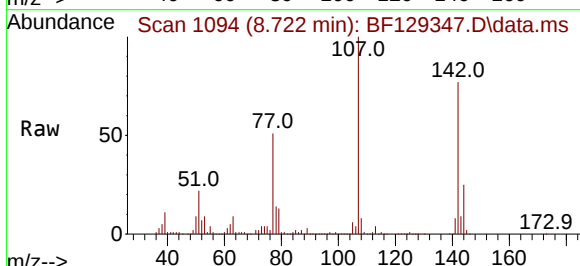
Tgt Ion:107 Resp: 776782

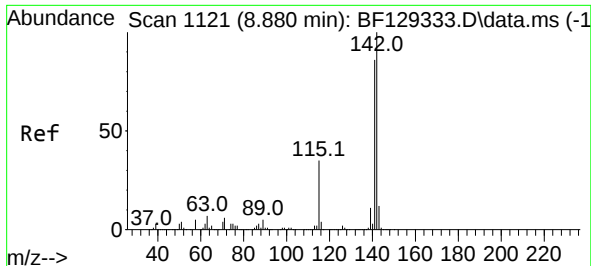
Ion Ratio Lower Upper

107 100

144 25.0 19.5 29.3

142 77.0 58.2 87.4





#37

2-Methylnaphthalene

Concen: 42.414 ng

RT: 8.881 min Scan# 1121

Delta R.T. 0.000 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

Instrument :

BNA_F

ClientSampleId :

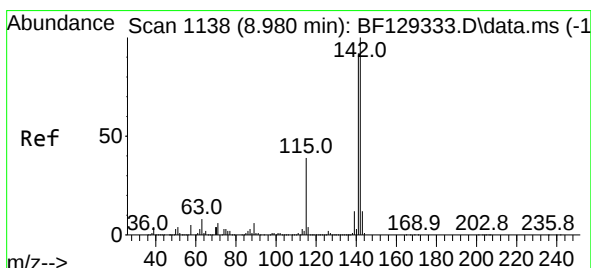
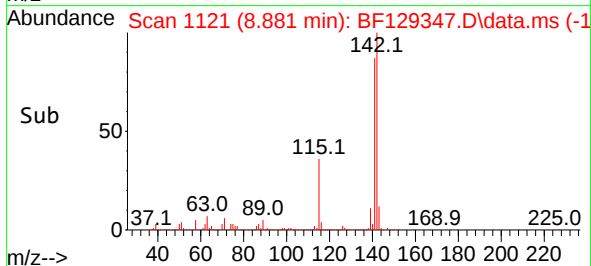
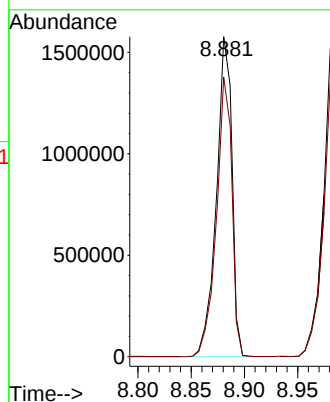
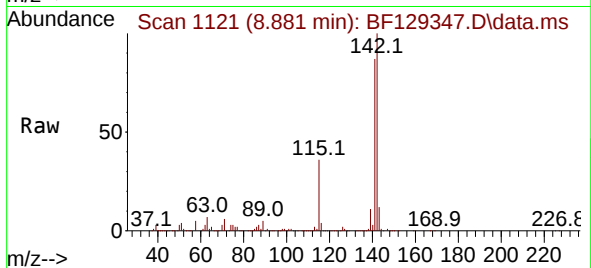
PB146423BS

Tgt Ion:142 Resp: 1594551

Ion Ratio Lower Upper

142 100

141 87.3 71.0 106.4



#38

1-Methylnaphthalene

Concen: 42.237 ng

RT: 8.981 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF129347.D

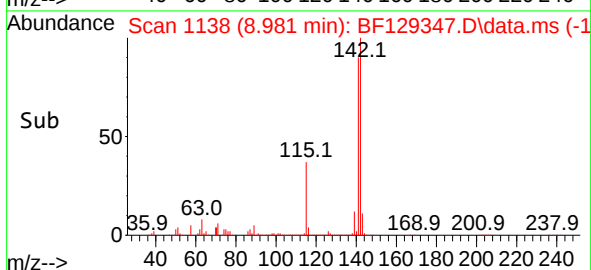
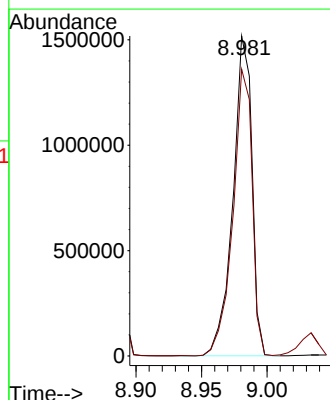
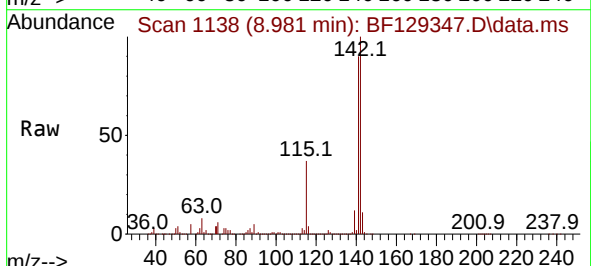
Acq: 26 Jul 2022 10:30

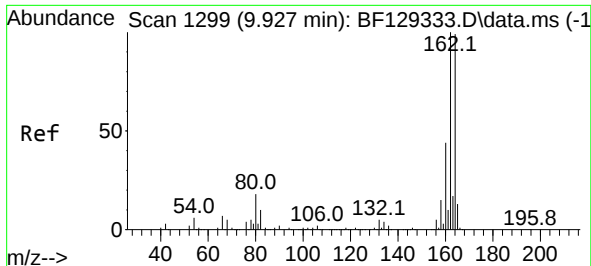
Tgt Ion:142 Resp: 1532843

Ion Ratio Lower Upper

142 100

141 89.6 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

Instrument :

BNA_F

ClientSampleId :

PB146423BS

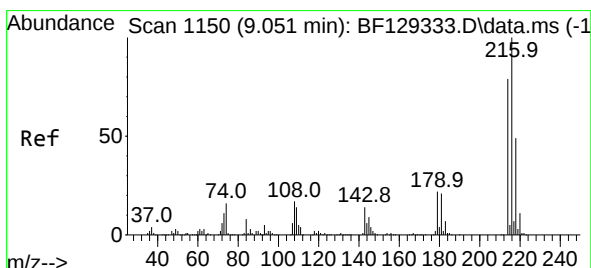
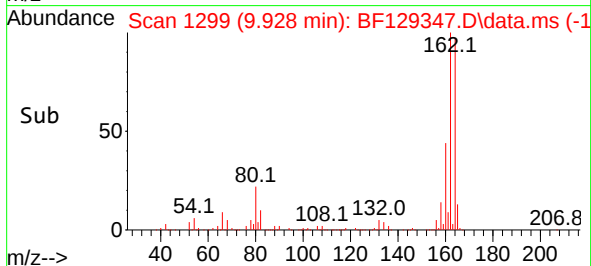
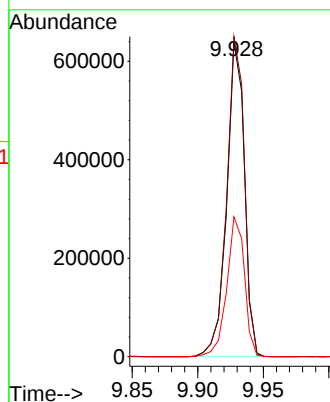
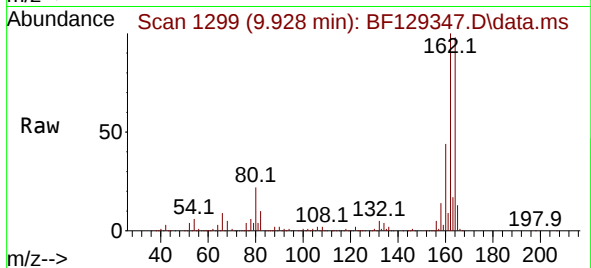
Tgt Ion:164 Resp: 597013

Ion Ratio Lower Upper

164 100

162 101.7 79.5 119.3

160 44.5 34.2 51.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.816 ng

RT: 9.051 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

Tgt Ion:216 Resp: 671201

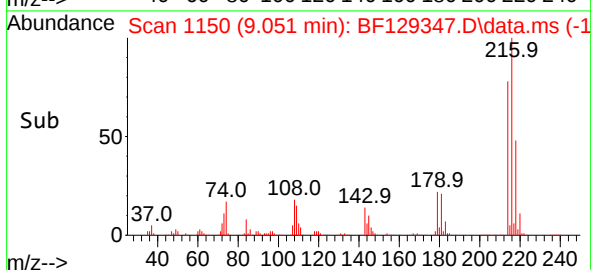
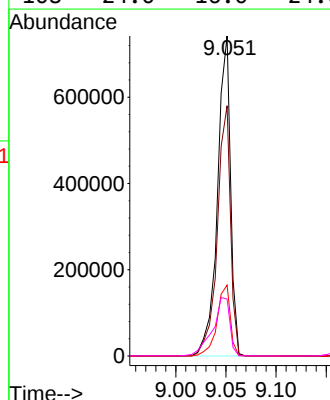
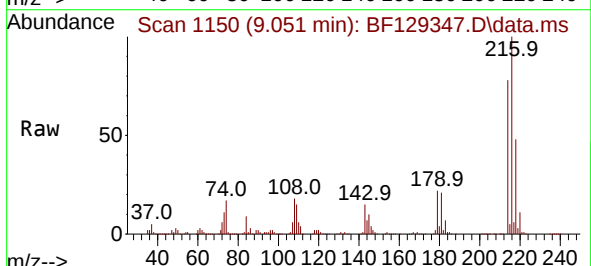
Ion Ratio Lower Upper

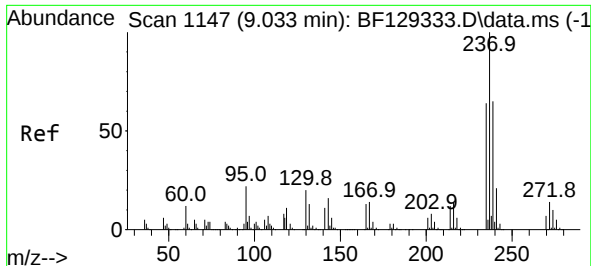
216 100

214 78.8 63.6 95.4

179 22.5 17.0 25.6

108 24.0 16.0 24.0#

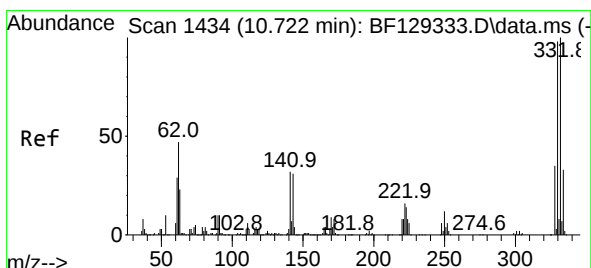
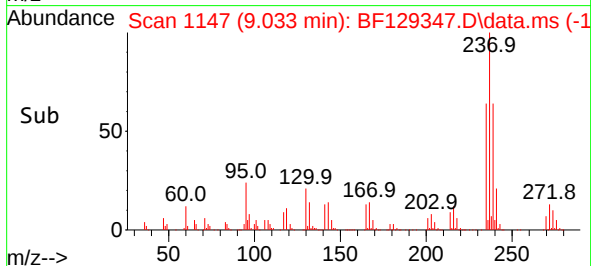
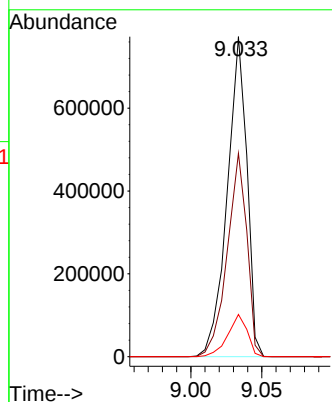
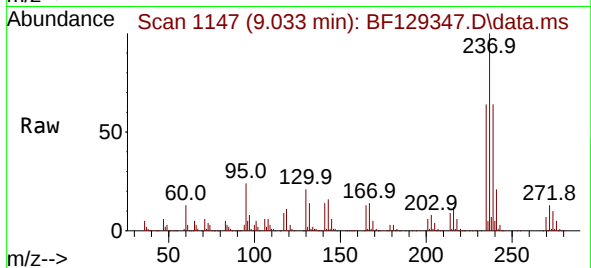




#41
Hexachlorocyclopentadiene
Concen: 106.920 ng
RT: 9.033 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

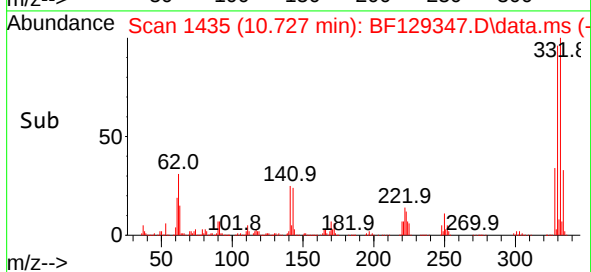
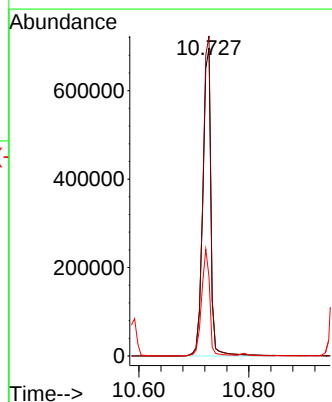
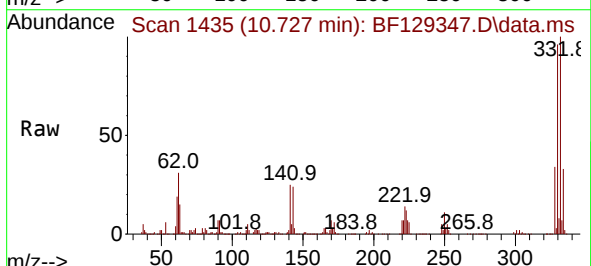
Instrument :
BNA_F
ClientSampleId :
PB146423BS

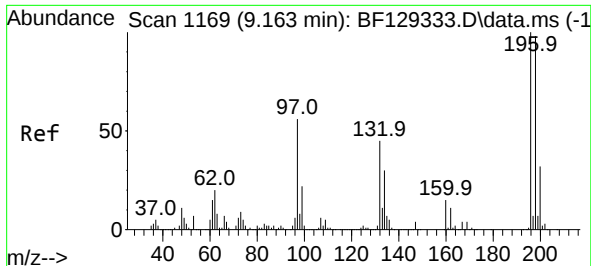
Tgt Ion:237 Resp: 746358
Ion Ratio Lower Upper
237 100
235 63.6 43.2 83.2
272 13.2 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 123.856 ng
RT: 10.727 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

Tgt Ion:330 Resp: 710912
Ion Ratio Lower Upper
330 100
332 103.8 76.8 115.2
141 35.0 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 43.018 ng

RT: 9.163 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

Instrument :

BNA_F

ClientSampleId :

PB146423BS

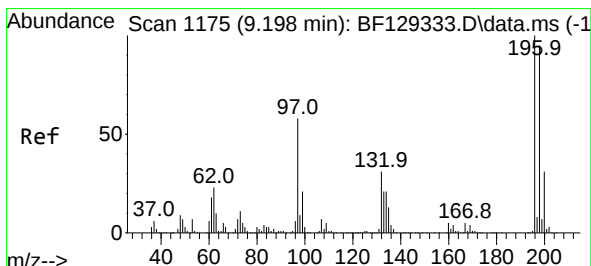
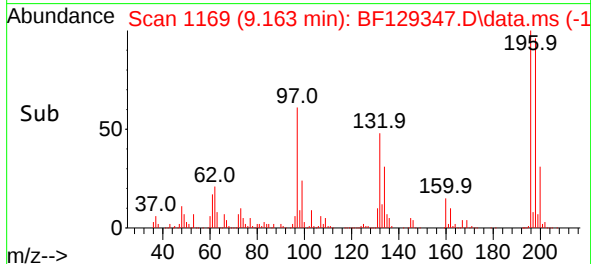
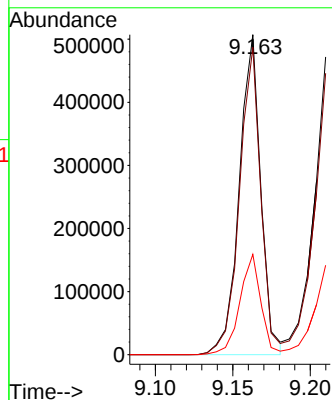
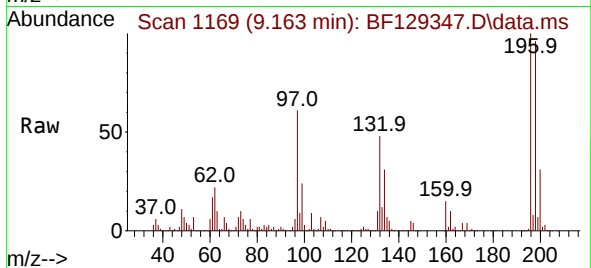
Tgt Ion:196 Resp: 489797

Ion Ratio Lower Upper

196 100

198 96.1 74.0 111.0

200 31.3 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 42.565 ng

RT: 9.210 min Scan# 1177

Delta R.T. 0.012 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

Tgt Ion:196 Resp: 527039

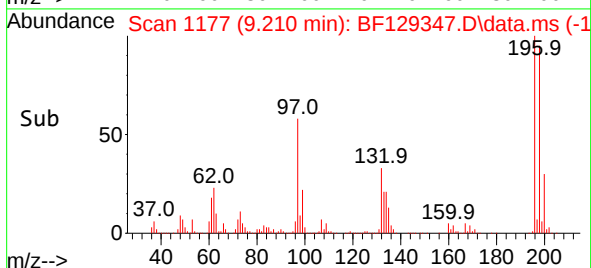
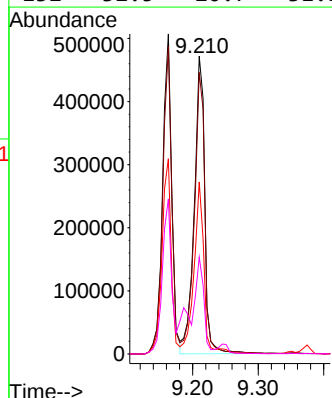
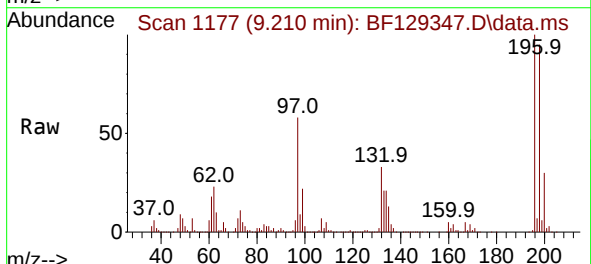
Ion Ratio Lower Upper

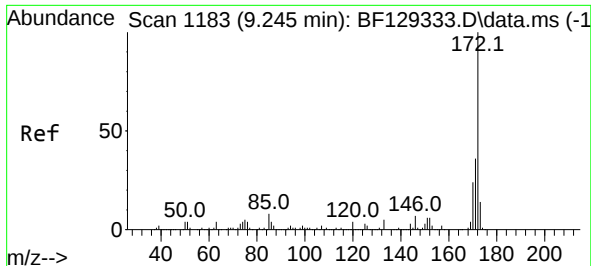
196 100

198 94.5 75.7 113.5

97 57.8 36.4 54.6#

132 32.5 20.7 31.1#





#45

2-Fluorobiphenyl

Concen: 74.657 ng

RT: 9.251 min Scan# 1183

Delta R.T. 0.006 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

Instrument :

BNA_F

ClientSampleId :

PB146423BS

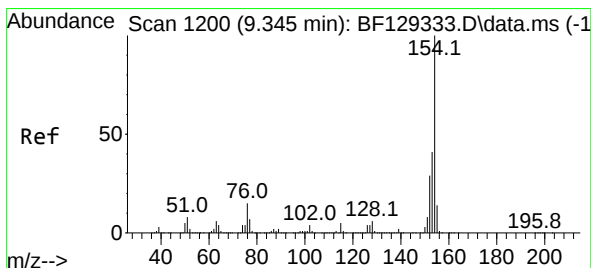
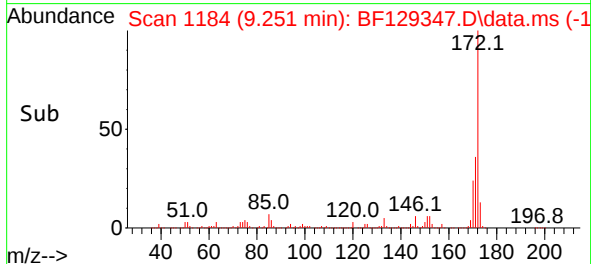
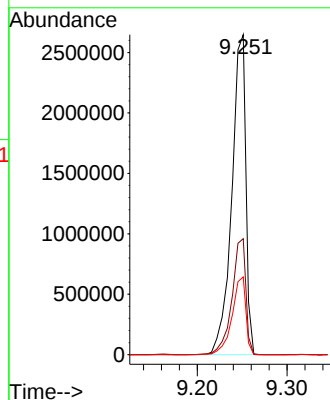
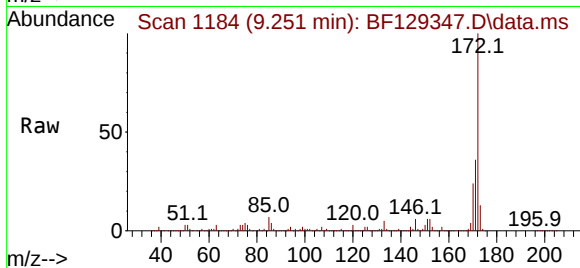
Tgt Ion:172 Resp: 2881248

Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.3 19.8 29.8



#46

1,1'-Biphenyl

Concen: 42.350 ng

RT: 9.351 min Scan# 1201

Delta R.T. 0.006 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

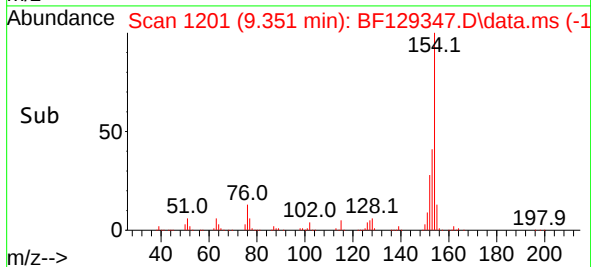
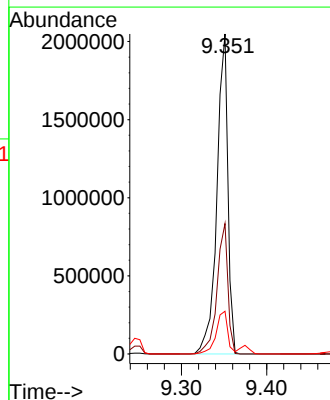
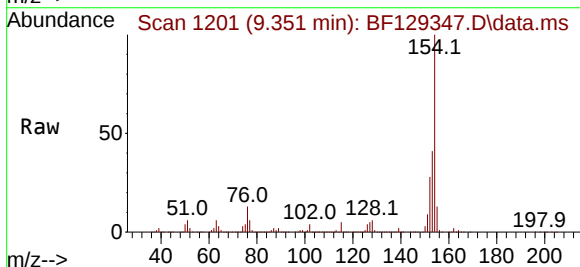
Tgt Ion:154 Resp: 1845196

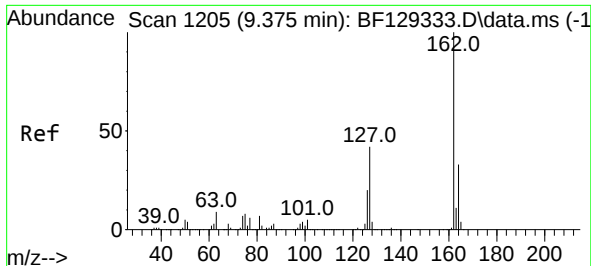
Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

76 13.4 0.0 33.3

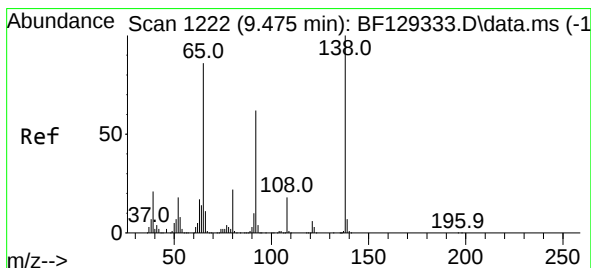
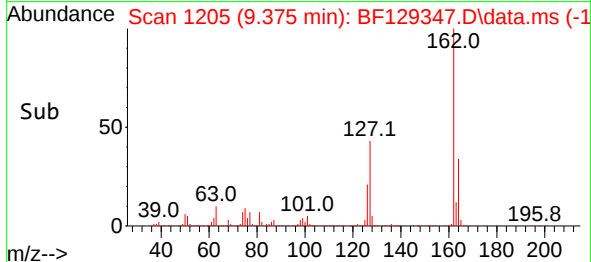
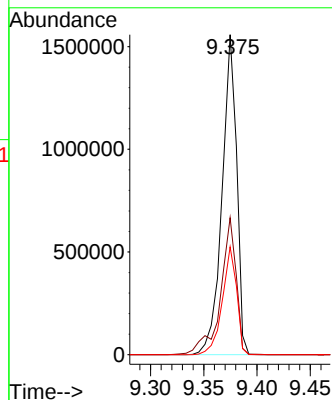
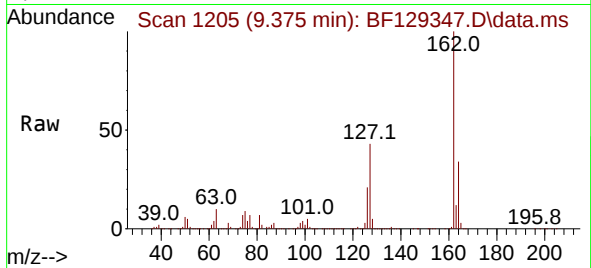




#47
2-Chloronaphthalene
Concen: 41.997 ng
RT: 9.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

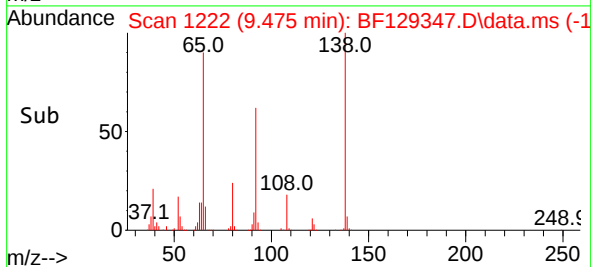
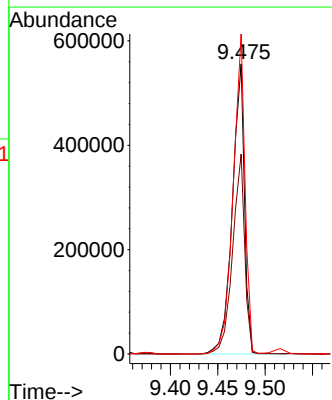
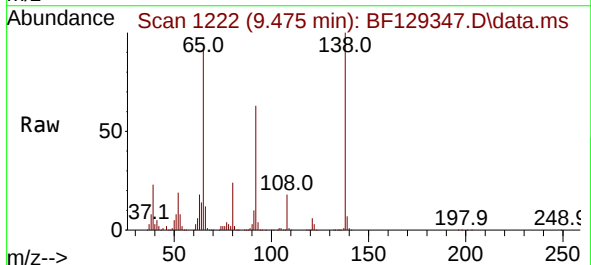
Instrument :
BNA_F
ClientSampleId :
PB146423BS

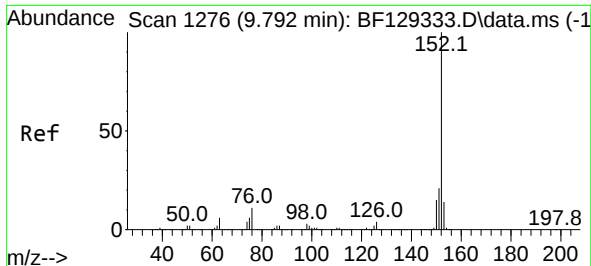
Tgt Ion:162 Resp: 1479207
Ion Ratio Lower Upper
162 100
127 42.8 34.5 51.7
164 33.7 26.5 39.7



#48
2-Nitroaniline
Concen: 42.466 ng
RT: 9.475 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

Tgt Ion: 65 Resp: 497363
Ion Ratio Lower Upper
65 100
92 69.0 51.9 77.9
138 110.3 76.4 114.6

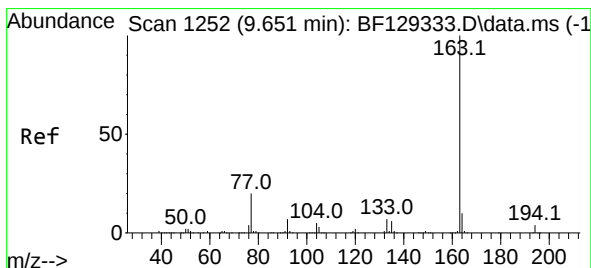
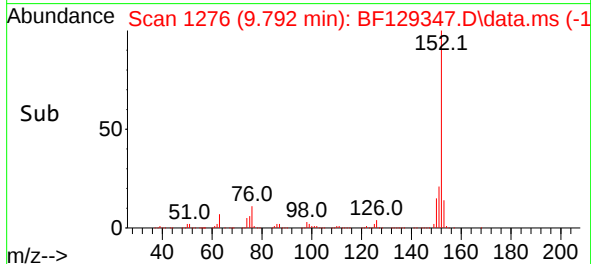
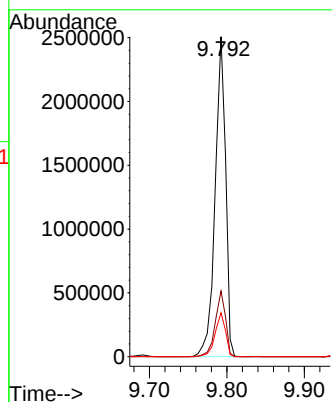
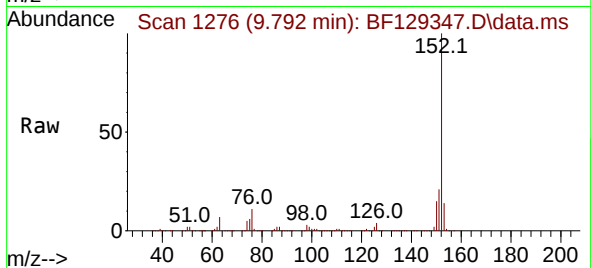




#49
Acenaphthylene
Concen: 44.006 ng
RT: 9.792 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

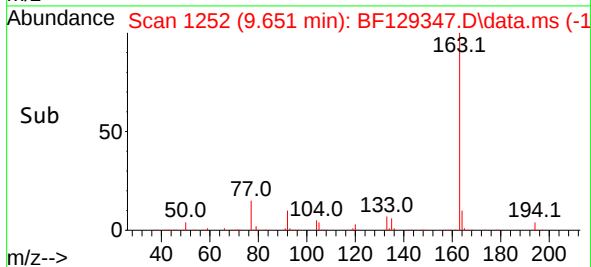
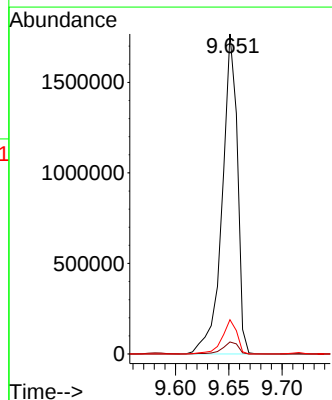
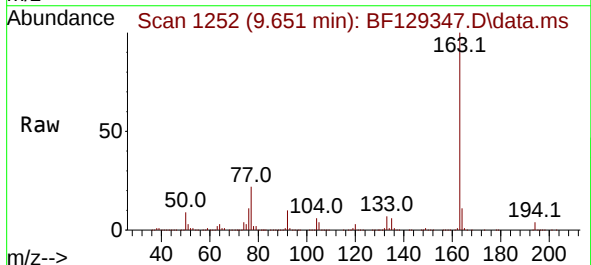
Instrument :
BNA_F
ClientSampleId :
PB146423BS

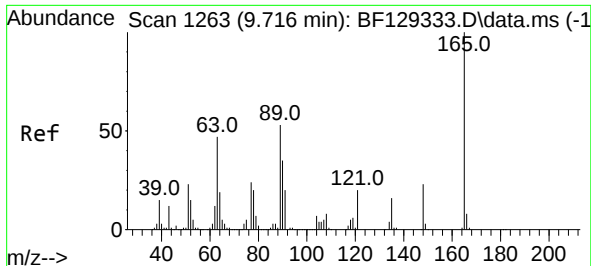
Tgt Ion:152 Resp: 2355160
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.7 10.7 16.1



#50
Dimethylphthalate
Concen: 42.328 ng
RT: 9.651 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

Tgt Ion:163 Resp: 1744488
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.7 8.2 12.2

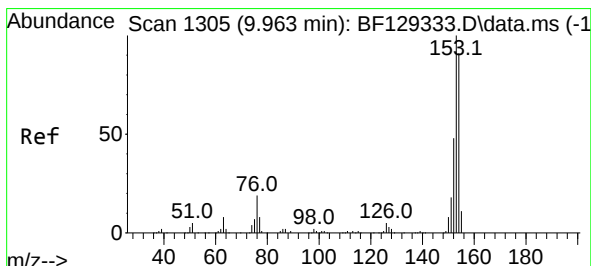
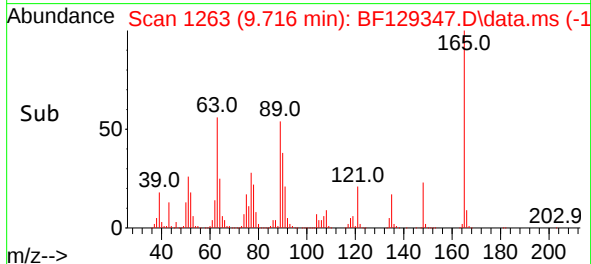
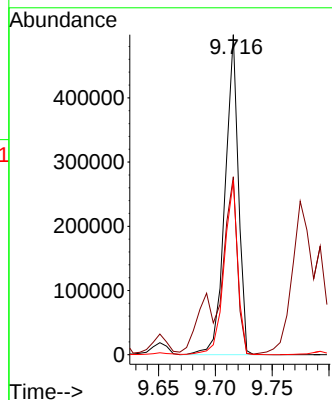
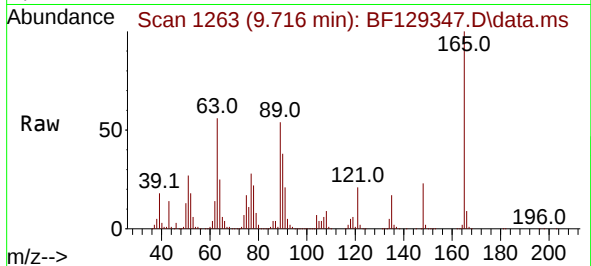




#51
2,6-Dinitrotoluene
Concen: 44.266 ng
RT: 9.716 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

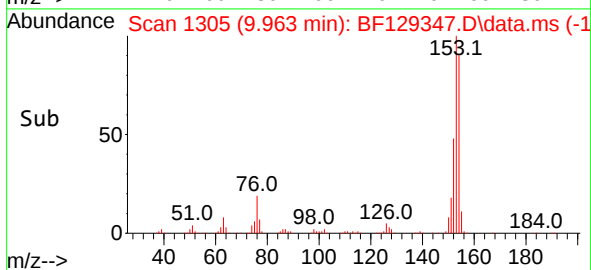
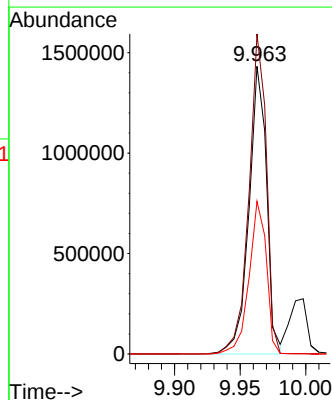
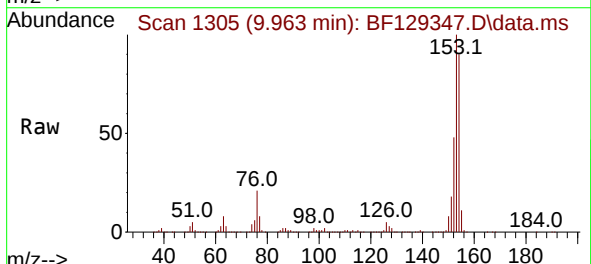
Instrument :
BNA_F
ClientSampleId :
PB146423BS

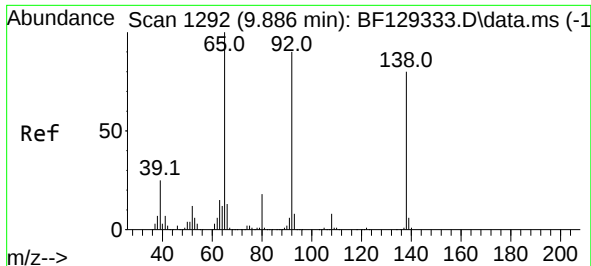
Tgt Ion:165 Resp: 408331
Ion Ratio Lower Upper
165 100
63 55.6 44.9 67.3
89 54.4 43.6 65.4



#52
Acenaphthene
Concen: 38.338 ng
RT: 9.963 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

Tgt Ion:154 Resp: 1340160
Ion Ratio Lower Upper
154 100
153 111.2 89.6 134.4
152 53.1 42.4 63.6

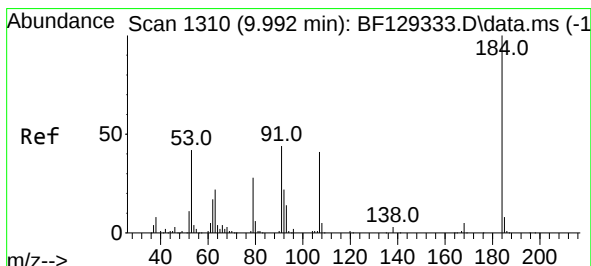
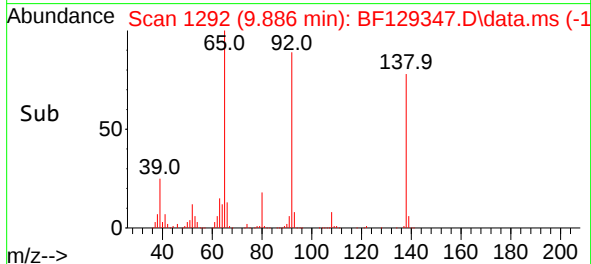
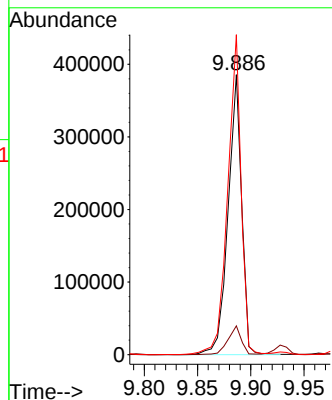
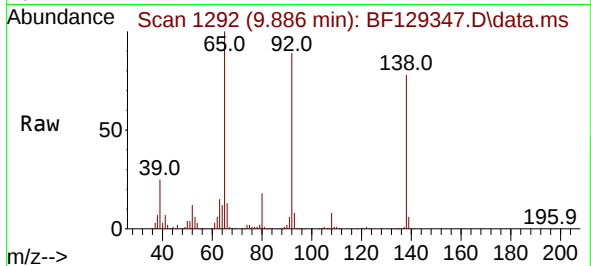




#53
3-Nitroaniline
Concen: 31.354 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

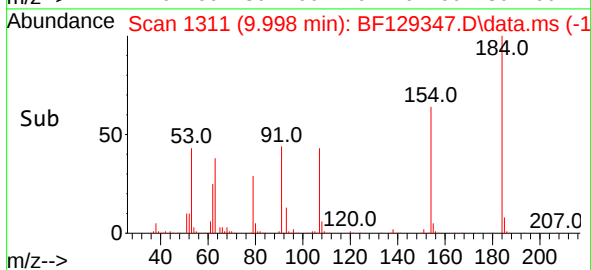
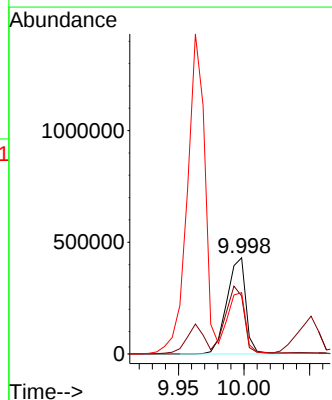
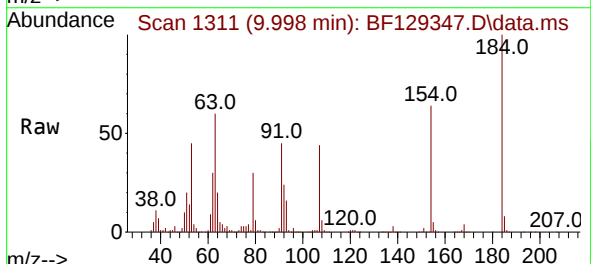
Instrument :
BNA_F
ClientSampleId :
PB146423BS

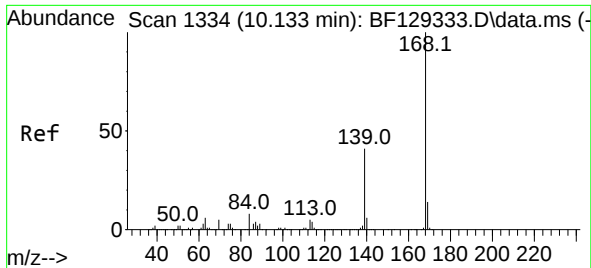
Tgt Ion:138 Resp: 341528
Ion Ratio Lower Upper
138 100
108 10.3 10.9 16.3#
92 114.3 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 92.330 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

Tgt Ion:184 Resp: 434787
Ion Ratio Lower Upper
184 100
63 60.2 64.5 96.7#
154 63.8 50.6 75.8

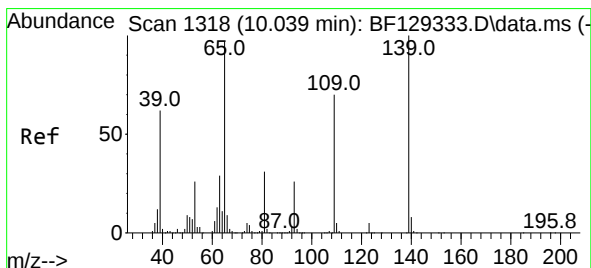
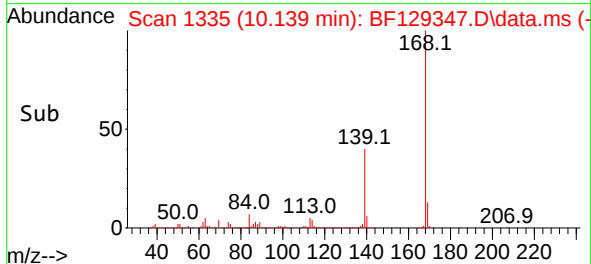
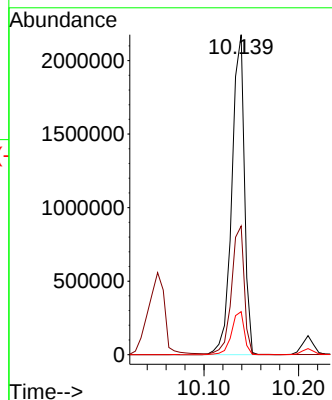
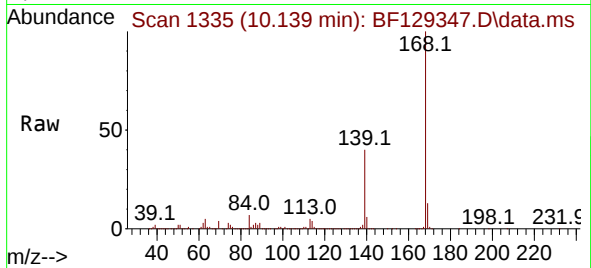




#55
Dibenzofuran
Concen: 41.671 ng
RT: 10.139 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

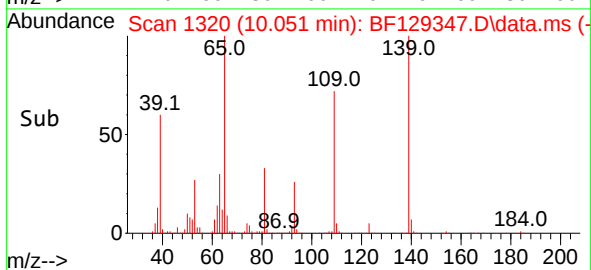
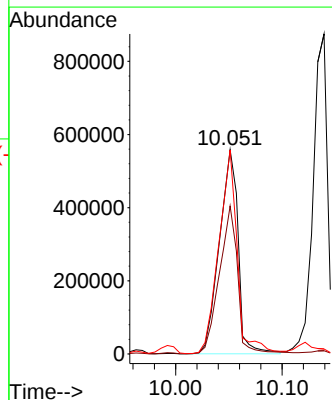
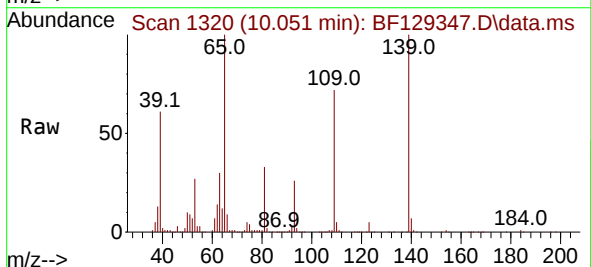
Instrument :
BNA_F
ClientSampleId :
PB146423BS

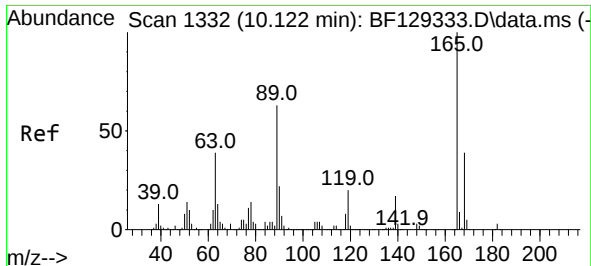
Tgt Ion:168 Resp: 2008018
Ion Ratio Lower Upper
168 100
139 40.2 30.6 46.0
169 13.5 11.0 16.6



#56
4-Nitrophenol
Concen: 84.992 ng
RT: 10.051 min Scan# 1320
Delta R.T. 0.012 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

Tgt Ion:139 Resp: 682995
Ion Ratio Lower Upper
139 100
109 72.4 50.7 90.7
65 99.8 74.5 114.5

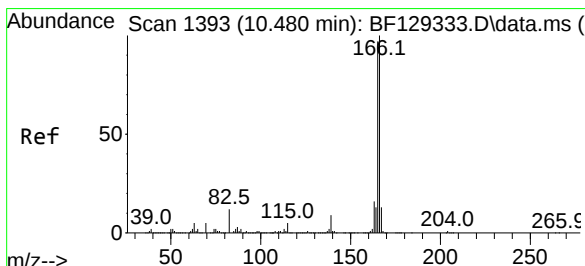
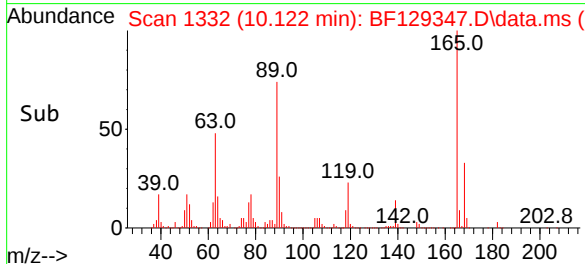
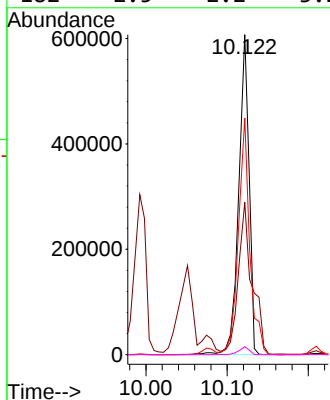
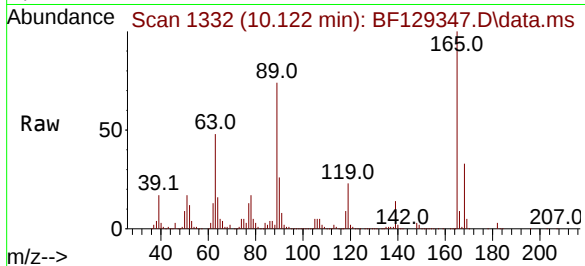




#57
2,4-Dinitrotoluene
Concen: 44.545 ng
RT: 10.122 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

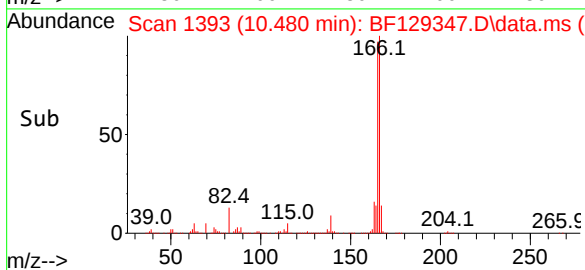
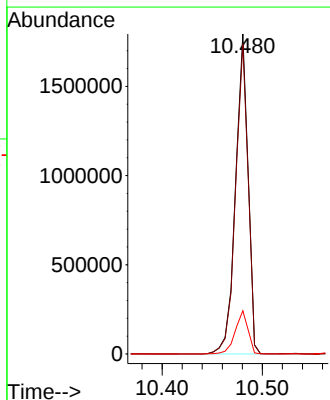
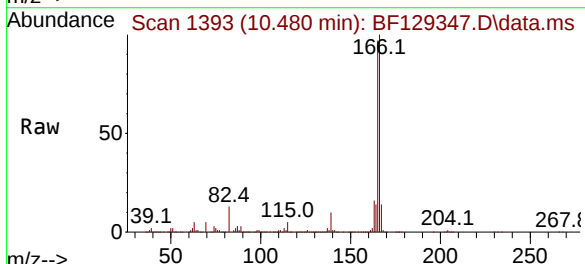
Instrument :
BNA_F
ClientSampleId :
PB146423BS

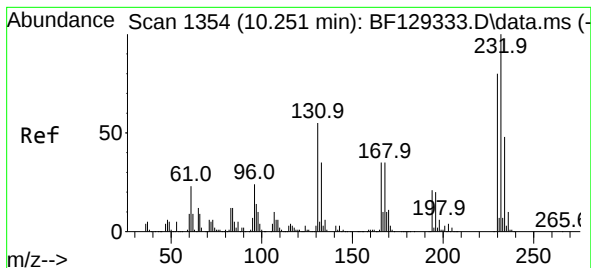
Tgt Ion:165 Resp: 536784
Ion Ratio Lower Upper
165 100
63 47.6 39.8 59.6
89 74.0 60.2 90.2
182 2.5 2.2 3.2



#58
Fluorene
Concen: 40.337 ng
RT: 10.480 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

Tgt Ion:166 Resp: 1555237
Ion Ratio Lower Upper
166 100
165 96.9 78.1 117.1
167 13.5 10.5 15.7

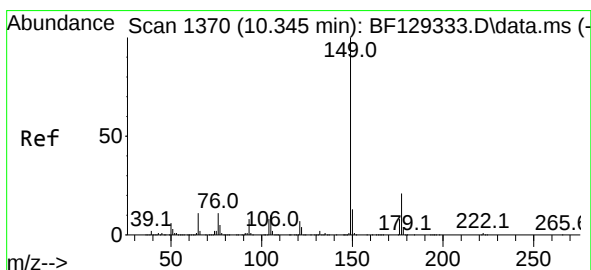
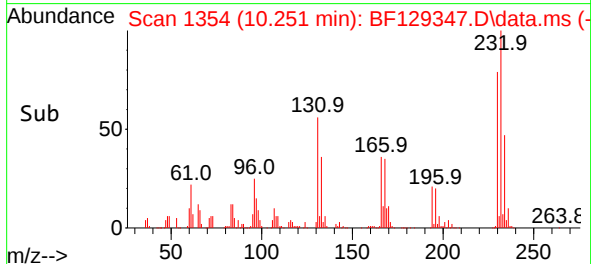
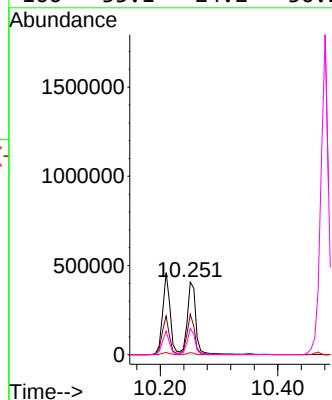
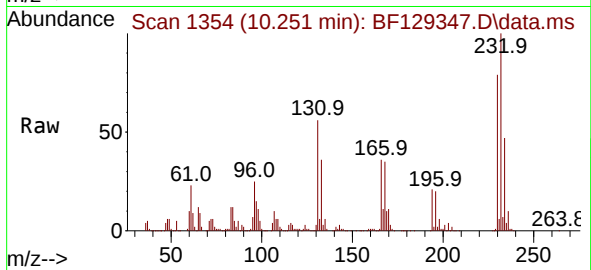




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.600 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

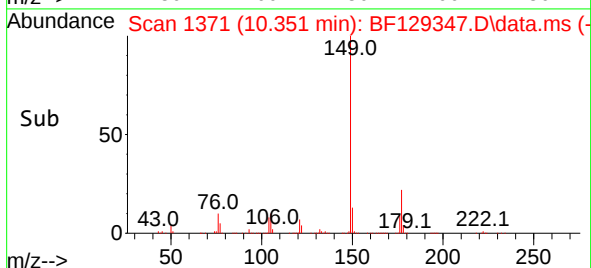
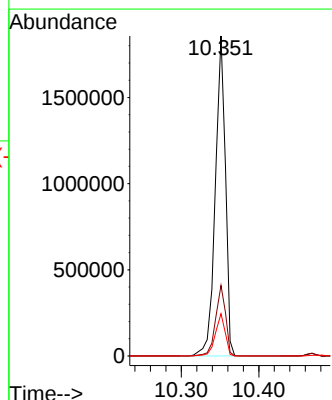
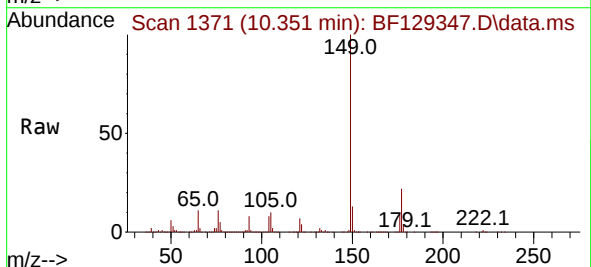
Instrument :
BNA_F
ClientSampleId :
PB146423BS

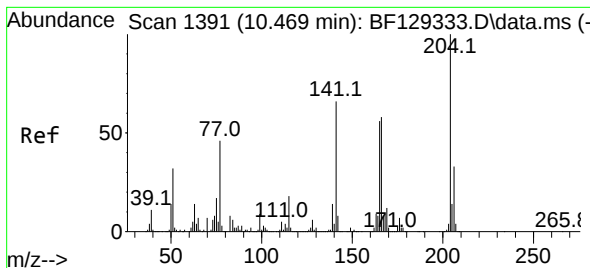
Tgt Ion:232 Resp: 407618
Ion Ratio Lower Upper
232 100
131 50.1 36.1 54.1
130 2.6 1.8 2.8
166 33.1 24.2 36.2



#60
Diethylphthalate
Concen: 42.227 ng
RT: 10.351 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

Tgt Ion:149 Resp: 1682346
Ion Ratio Lower Upper
149 100
177 22.1 17.3 25.9
150 13.2 10.2 15.2

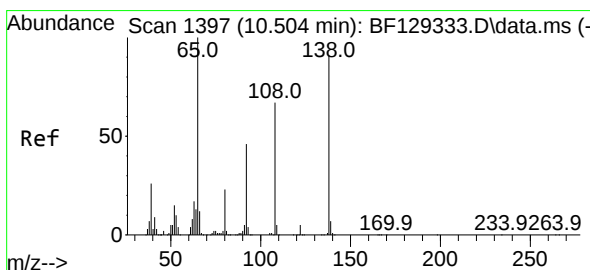
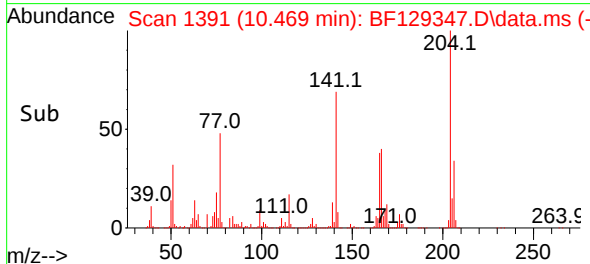
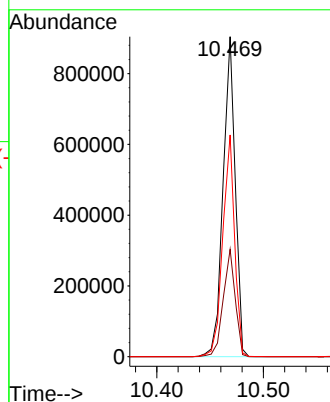
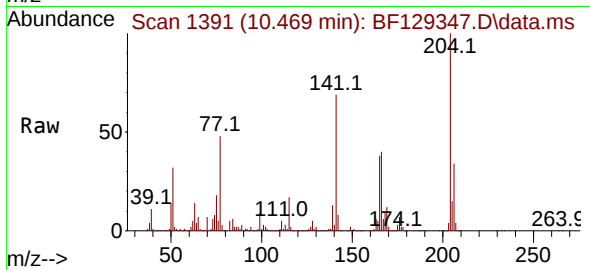




#61
4-Chlorophenyl-phenylether
Concen: 42.018 ng
RT: 10.469 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

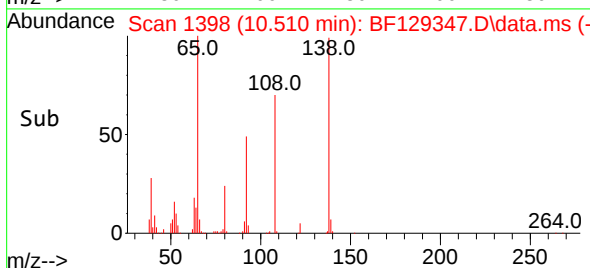
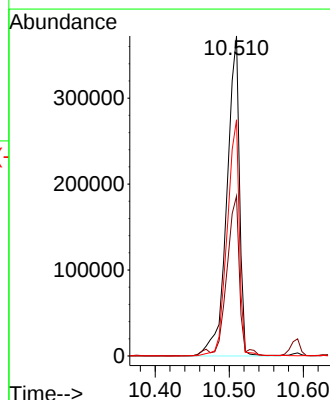
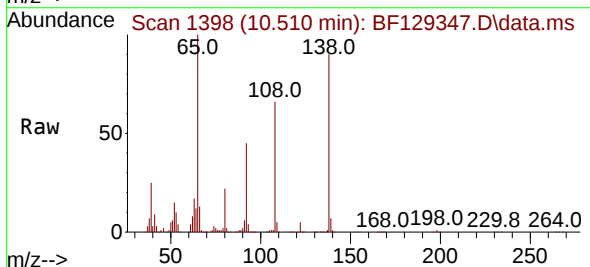
Instrument :
BNA_F
ClientSampleId :
PB146423BS

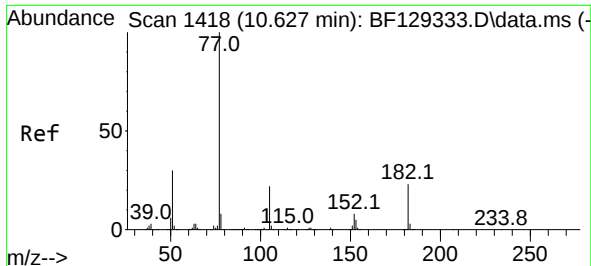
Tgt Ion:204 Resp: 714212
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.6
141 69.3 47.0 70.4



#62
4-Nitroaniline
Concen: 40.661 ng
RT: 10.510 min Scan# 1398
Delta R.T. 0.006 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

Tgt Ion:138 Resp: 439362
Ion Ratio Lower Upper
138 100
92 50.0 33.5 73.5
108 73.8 61.0 101.0

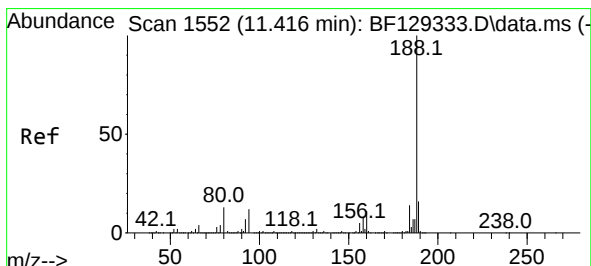
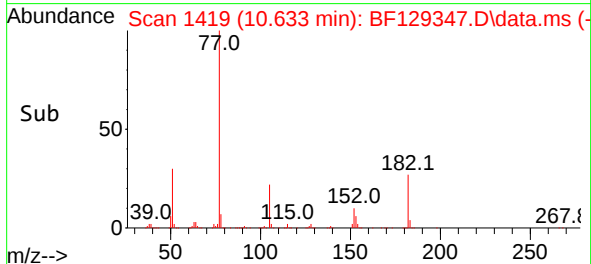
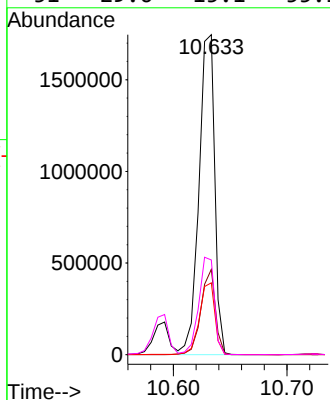
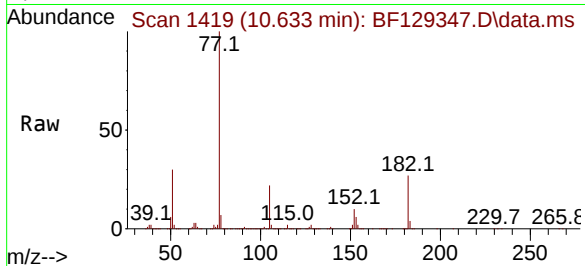




#63
Azobenzene
Concen: 41.377 ng
RT: 10.633 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

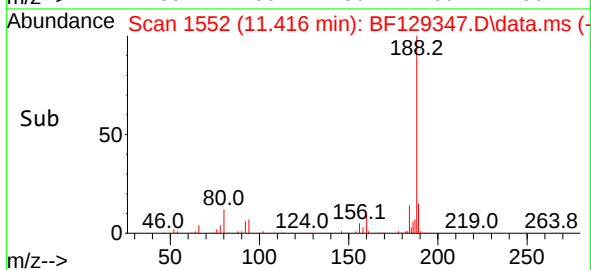
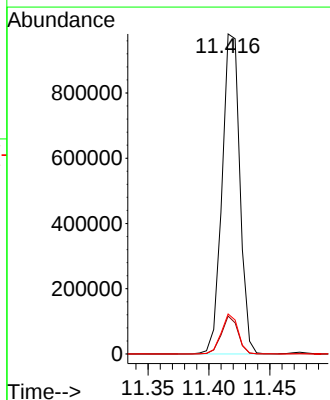
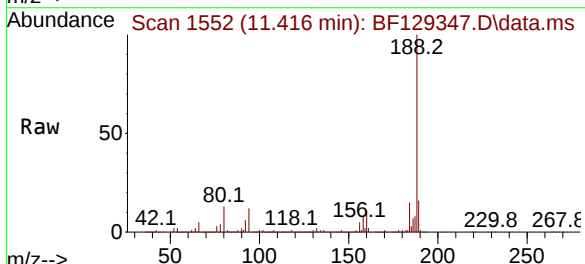
Instrument :
BNA_F
ClientSampleId :
PB146423BS

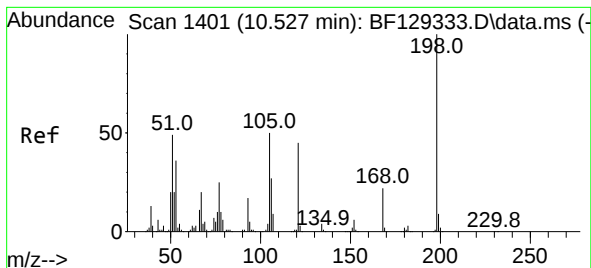
Tgt Ion: 77 Resp: 1681419
Ion Ratio Lower Upper
77 100
182 26.6 5.6 45.6
105 22.5 1.6 41.6
51 29.6 15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

Tgt Ion: 188 Resp: 1000730
Ion Ratio Lower Upper
188 100
94 11.8 7.0 10.6#
80 12.5 7.6 11.4#

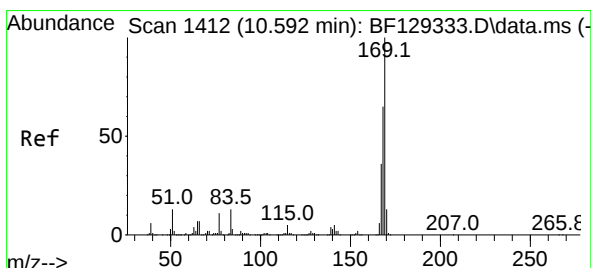
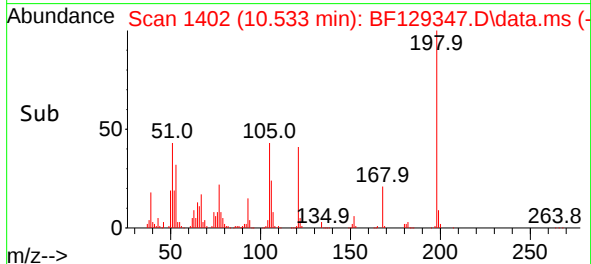
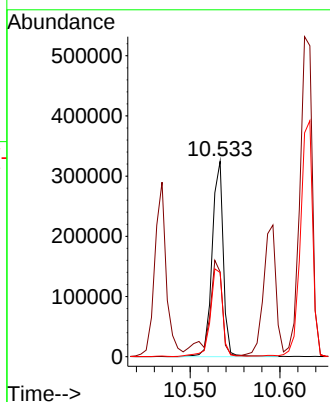
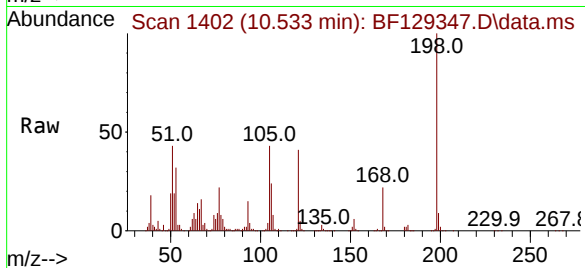




#65
4,6-Dinitro-2-methylphenol
Concen: 44.287 ng
RT: 10.533 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

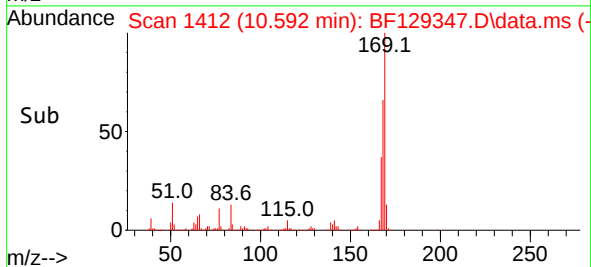
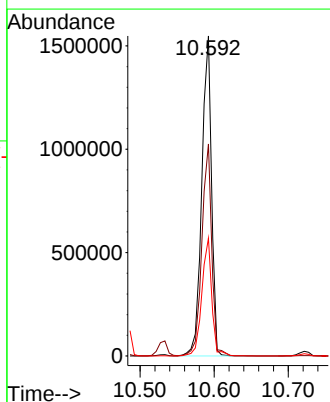
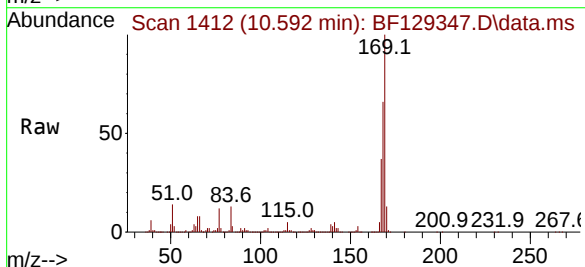
Instrument :
BNA_F
ClientSampleId :
PB146423BS

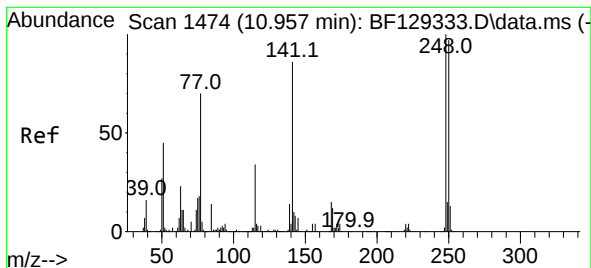
Tgt Ion:198 Resp: 279735
Ion Ratio Lower Upper
198 100
51 43.4 37.6 77.6
105 43.1 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 42.470 ng
RT: 10.592 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

Tgt Ion:169 Resp: 1415381
Ion Ratio Lower Upper
169 100
168 66.3 50.1 75.1
167 36.8 27.9 41.9

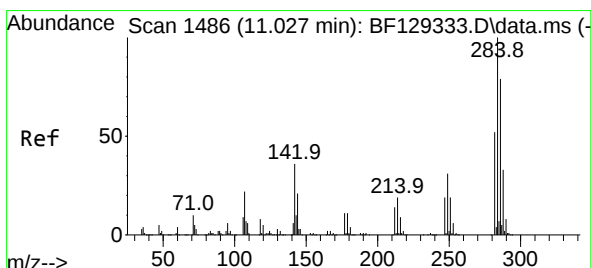
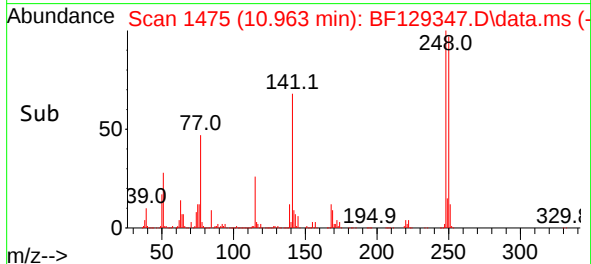
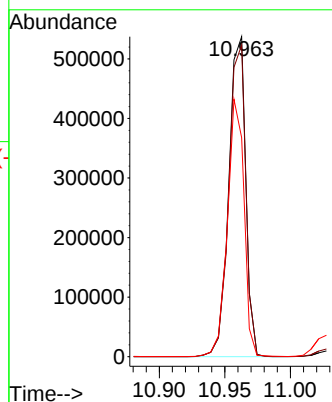
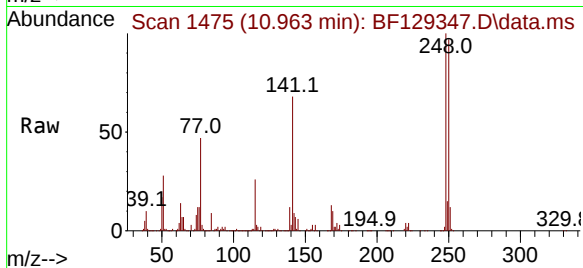




#67
4-Bromophenyl-phenylether
Concen: 44.113 ng
RT: 10.963 min Scan# 1475
Delta R.T. 0.006 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

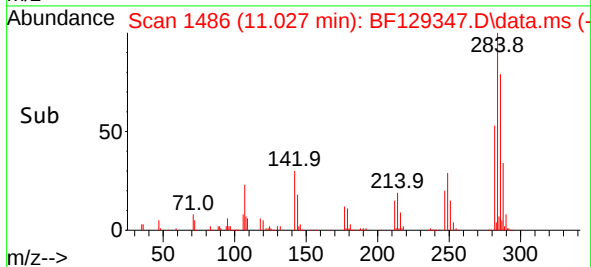
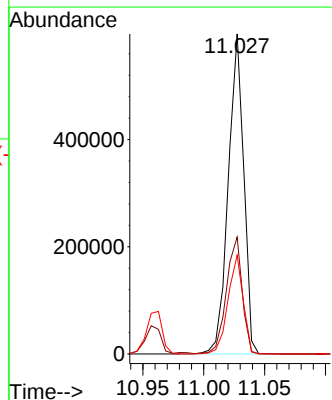
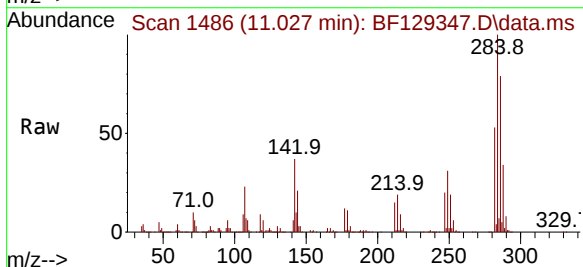
Instrument :
BNA_F
ClientSampleId :
PB146423BS

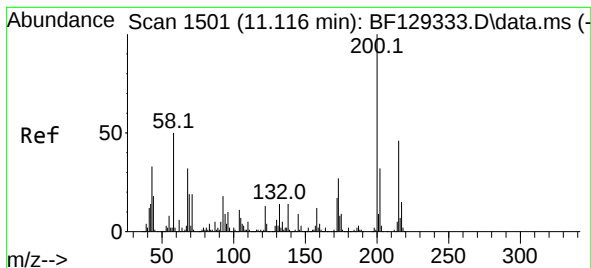
Tgt Ion:248 Resp: 483405
Ion Ratio Lower Upper
248 100
250 97.4 80.6 120.8
141 68.5 58.9 88.3



#68
Hexachlorobenzene
Concen: 44.327 ng
RT: 11.027 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

Tgt Ion:284 Resp: 526328
Ion Ratio Lower Upper
284 100
142 36.5 29.0 43.4
249 30.9 25.0 37.6





#69

Atrazine

Concen: 44.076 ng

RT: 11.116 min Scan# 1501

Delta R.T. 0.000 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

Instrument :

BNA_F

ClientSampleId :

PB146423BS

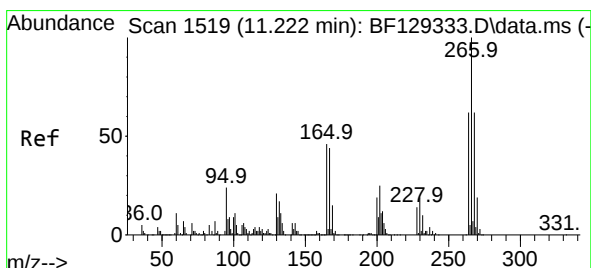
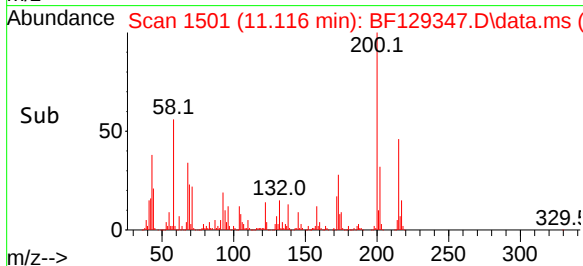
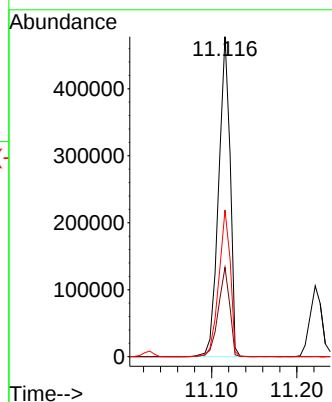
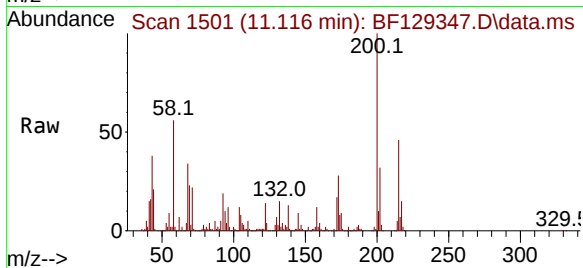
Tgt Ion:200 Resp: 446166

Ion Ratio Lower Upper

200 100

173 27.9 6.3 46.3

215 45.8 28.3 68.3



#70

Pentachlorophenol

Concen: 87.332 ng

RT: 11.222 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

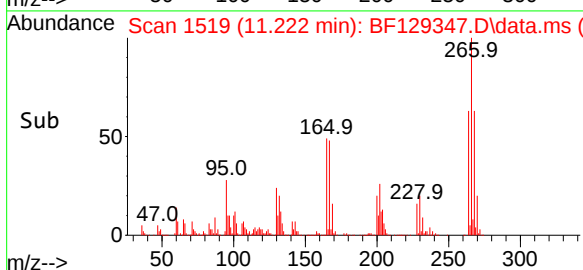
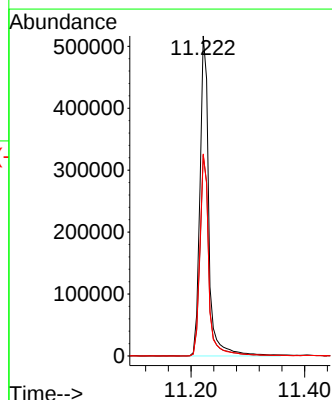
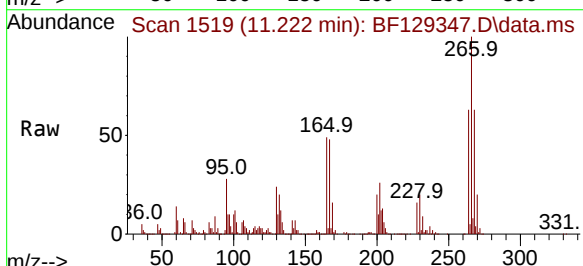
Tgt Ion:266 Resp: 563716

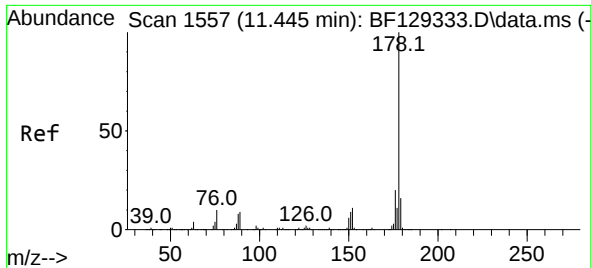
Ion Ratio Lower Upper

266 100

268 62.7 51.0 76.4

264 63.1 49.4 74.2

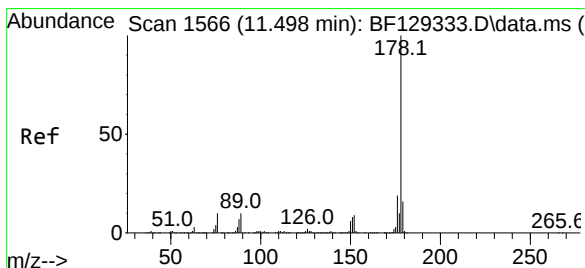
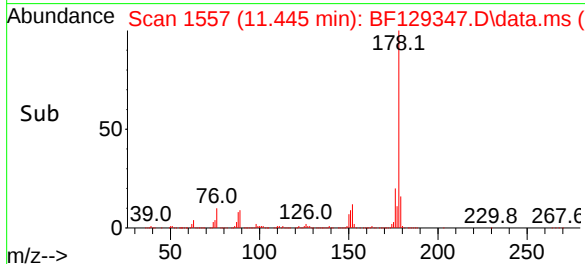
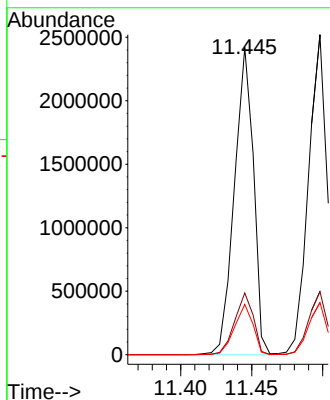
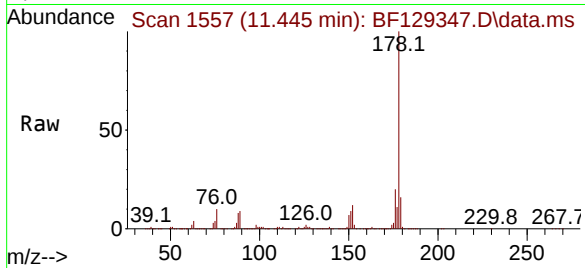




#71
Phenanthrene
Concen: 41.483 ng
RT: 11.445 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

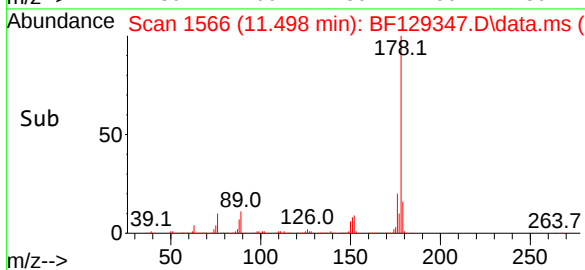
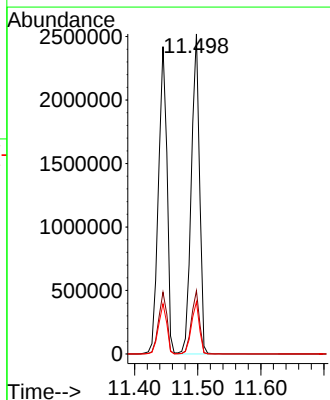
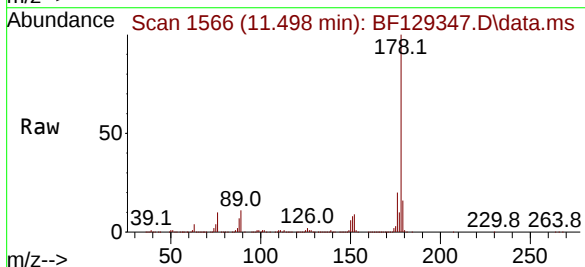
Instrument :
BNA_F
ClientSampleId :
PB146423BS

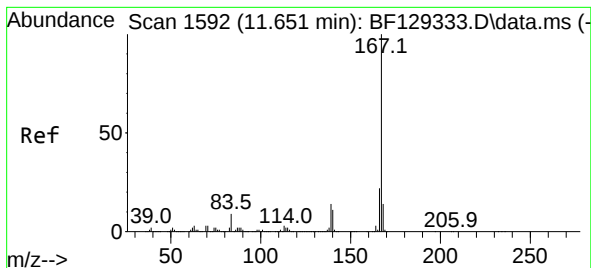
Tgt Ion:178 Resp: 2266083
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 16.3 12.6 19.0



#72
Anthracene
Concen: 42.476 ng
RT: 11.498 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

Tgt Ion:178 Resp: 2280227
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 16.3 12.6 19.0





#73

Carbazole

Concen: 43.107 ng

RT: 11.651 min Scan# 1592

Delta R.T. 0.000 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

Instrument :

BNA_F

ClientSampleId :

PB146423BS

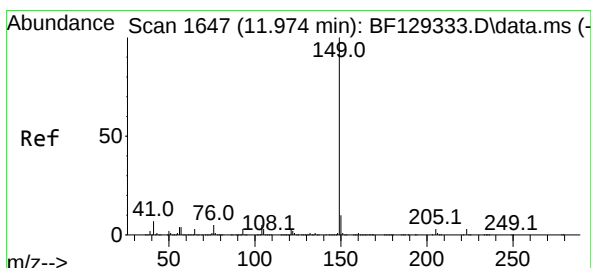
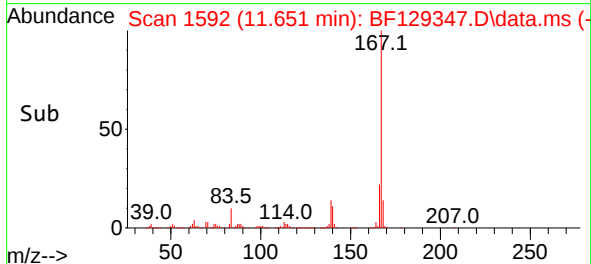
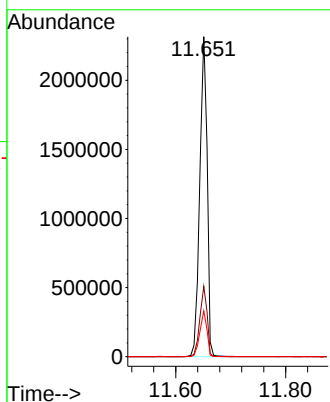
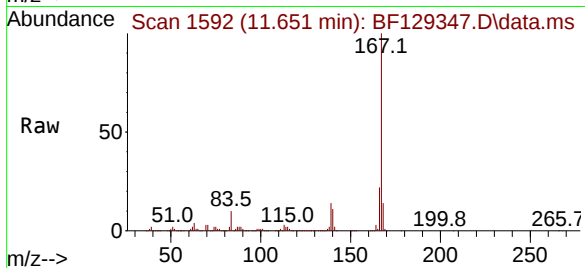
Tgt Ion:167 Resp: 2178390

Ion Ratio Lower Upper

167 100

166 22.0 17.7 26.5

139 14.3 11.2 16.8



#74

Di-n-butylphthalate

Concen: 42.336 ng

RT: 11.974 min Scan# 1647

Delta R.T. 0.000 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

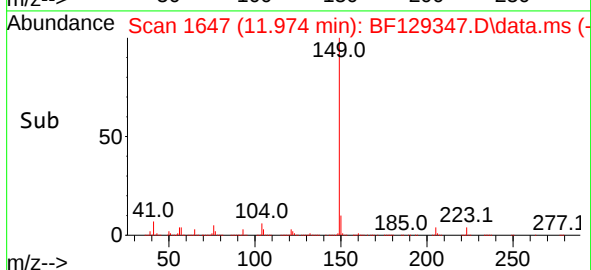
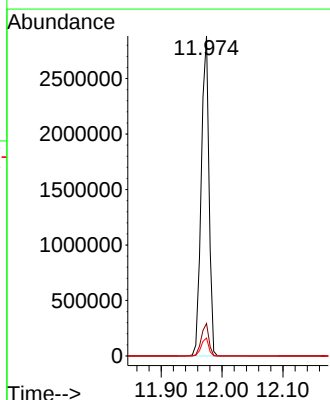
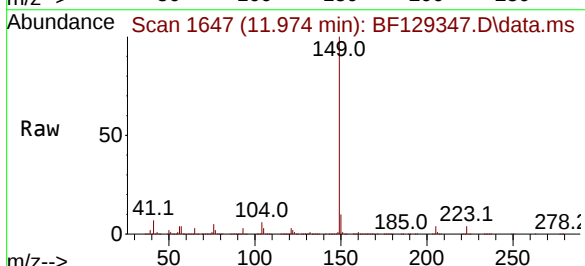
Tgt Ion:149 Resp: 2547811

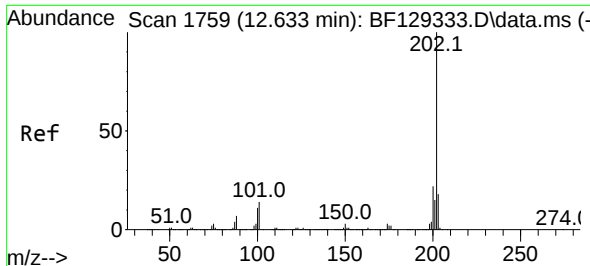
Ion Ratio Lower Upper

149 100

150 10.2 7.5 11.3

104 5.6 4.4 6.6

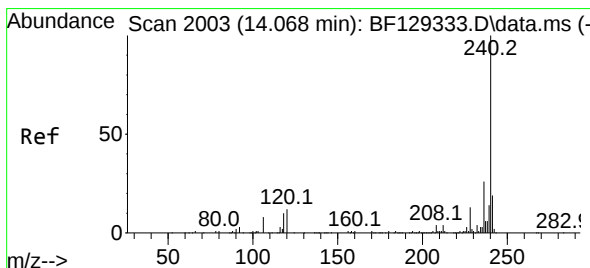
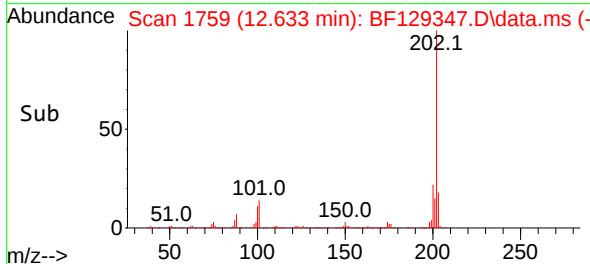
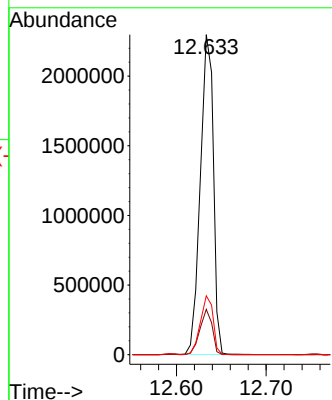
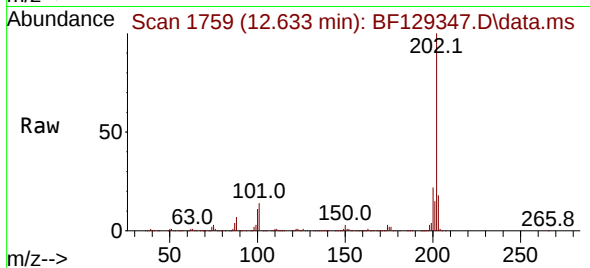




#75
Fluoranthene
Concen: 41.915 ng
RT: 12.633 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

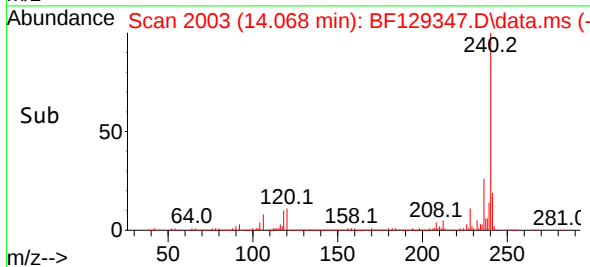
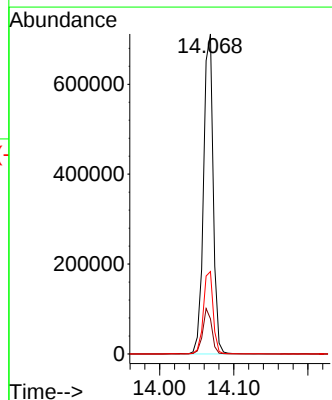
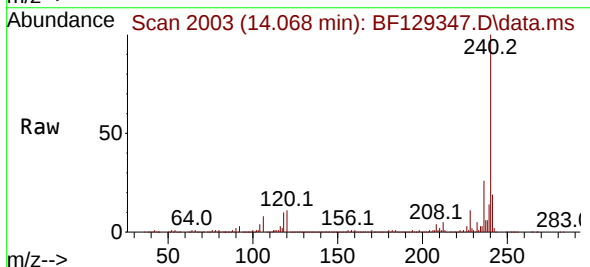
Instrument :
BNA_F
ClientSampleId :
PB146423BS

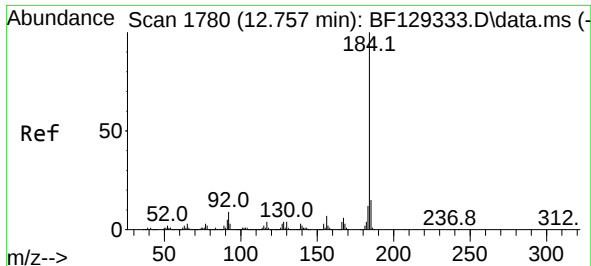
Tgt Ion:202 Resp: 2319992
Ion Ratio Lower Upper
202 100
101 14.2 0.0 31.4
203 18.4 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

Tgt Ion:240 Resp: 644928
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.8 20.8 31.2

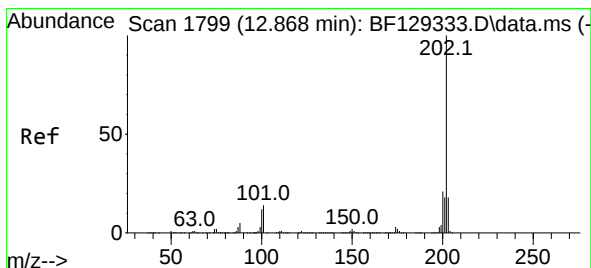
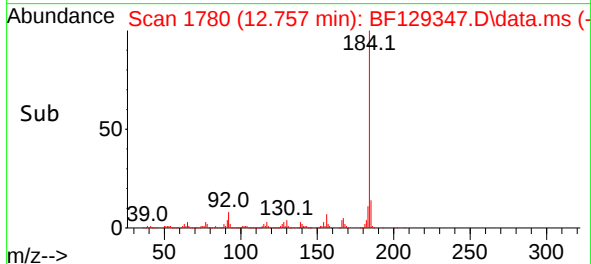
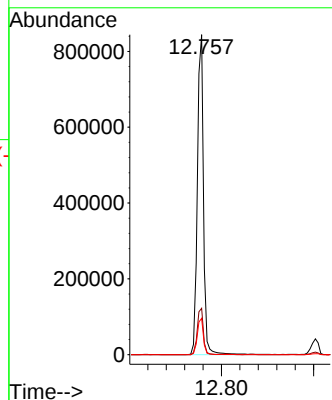
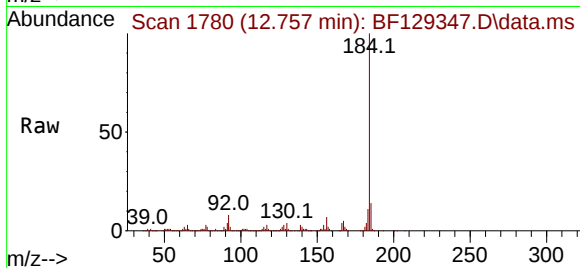




#77
Benzidine
Concen: 33.916 ng
RT: 12.757 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

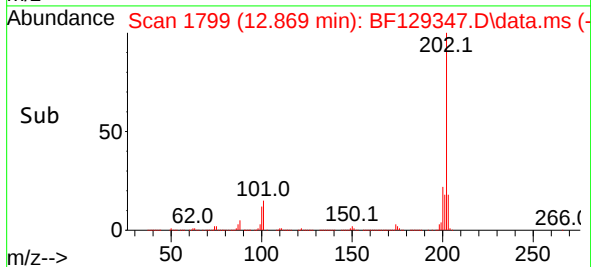
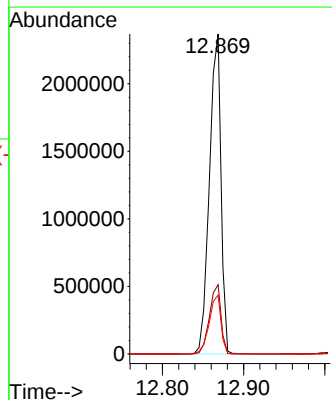
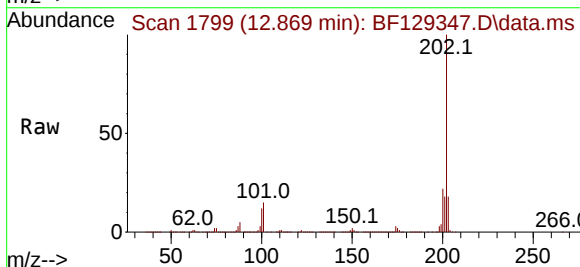
Instrument :
BNA_F
ClientSampleId :
PB146423BS

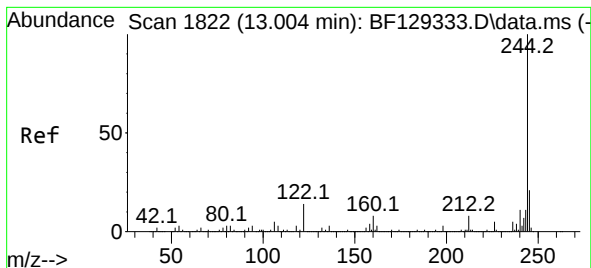
Tgt Ion:184 Resp: 772737
Ion Ratio Lower Upper
184 100
185 14.5 11.9 17.9
183 11.3 9.3 13.9



#78
Pyrene
Concen: 43.303 ng
RT: 12.869 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BF129347.D
Acq: 26 Jul 2022 10:30

Tgt Ion:202 Resp: 2335377
Ion Ratio Lower Upper
202 100
200 21.7 17.7 26.5
203 18.3 14.6 21.8





#79

Terphenyl-d14

Concen: 89.317 ng

RT: 13.004 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

Instrument :

BNA_F

ClientSampleId :

PB146423BS

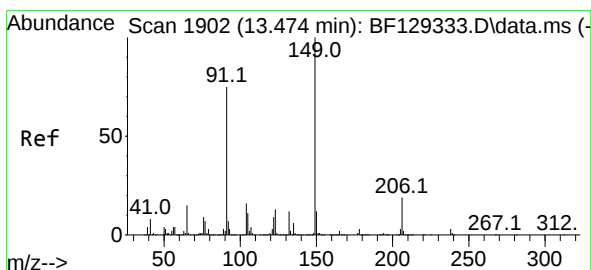
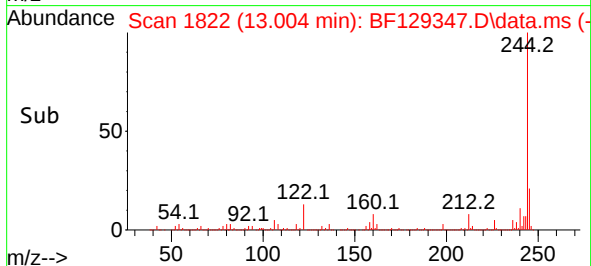
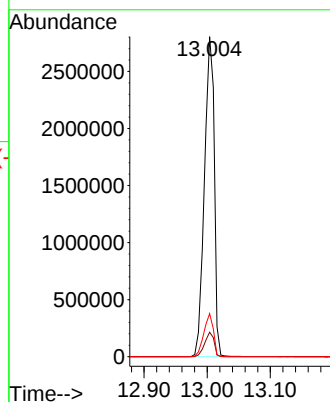
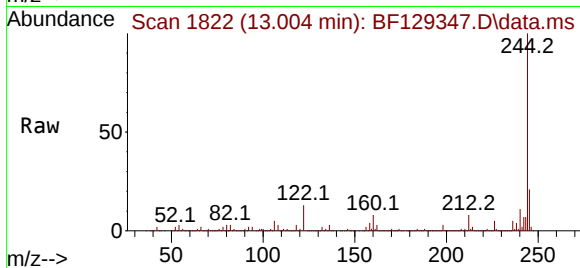
Tgt Ion:244 Resp: 3053295

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

122 13.4 8.8 13.2#



#80

Butylbenzylphthalate

Concen: 45.432 ng

RT: 13.474 min Scan# 1902

Delta R.T. 0.000 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

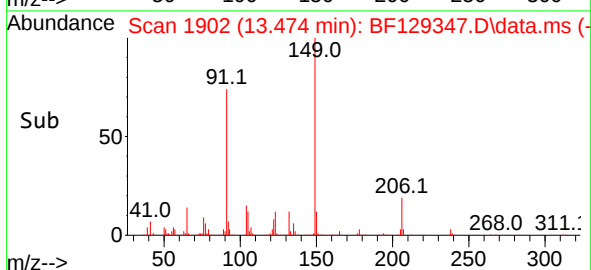
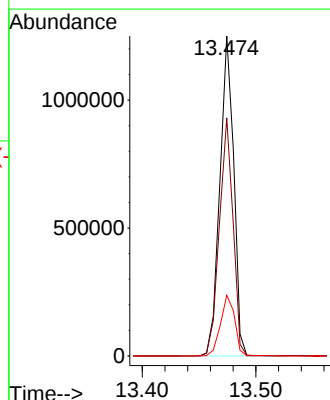
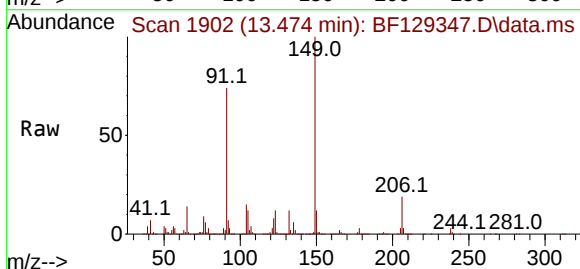
Tgt Ion:149 Resp: 1062756

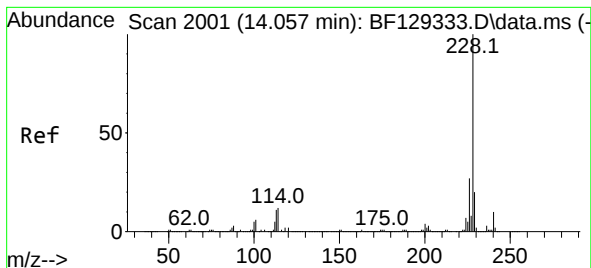
Ion Ratio Lower Upper

149 100

91 74.4 61.2 91.8

206 18.9 15.7 23.5





#81

Benzo(a)anthracene

Concen: 43.011 ng

RT: 14.057 min Scan# 2001

Delta R.T. 0.000 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

Instrument :

BNA_F

ClientSampleId :

PB146423BS

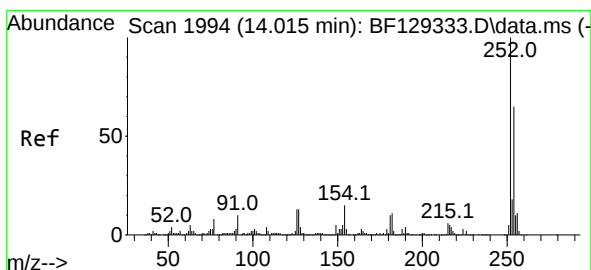
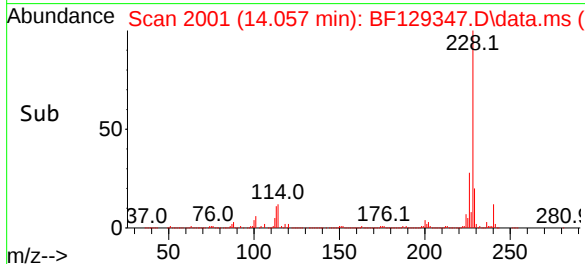
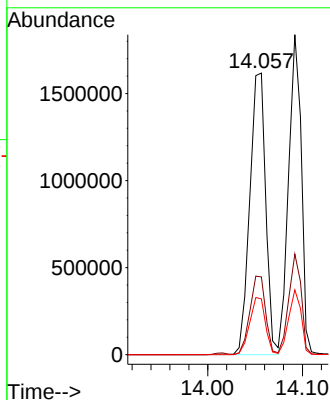
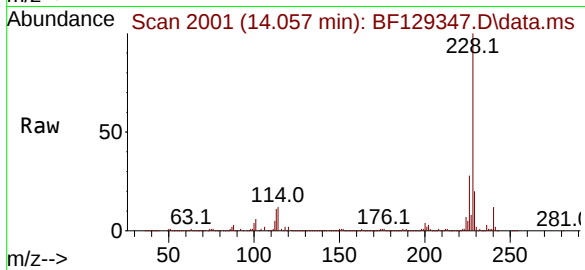
Tgt Ion:228 Resp: 1894822

Ion Ratio Lower Upper

228 100

226 27.6 22.1 33.1

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 35.494 ng

RT: 14.016 min Scan# 1994

Delta R.T. 0.000 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

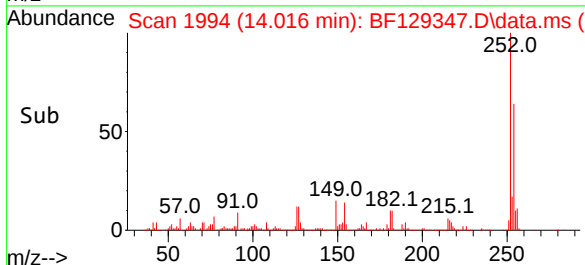
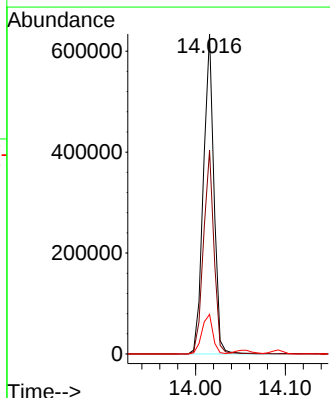
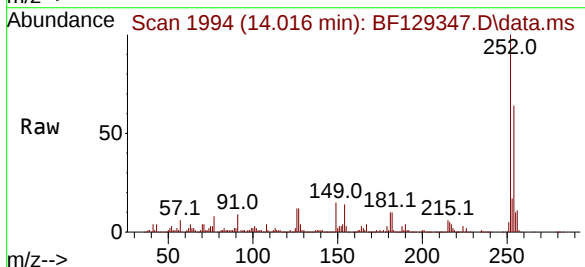
Tgt Ion:252 Resp: 516279

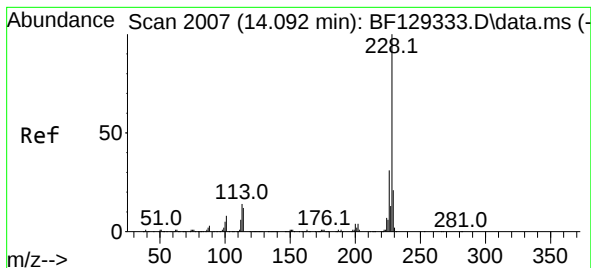
Ion Ratio Lower Upper

252 100

254 63.7 50.2 75.4

126 12.3 8.2 12.4





#83

Chrysene

Concen: 41.321 ng

RT: 14.092 min Scan# 2007

Delta R.T. 0.000 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

Instrument :

BNA_F

ClientSampleId :

PB146423BS

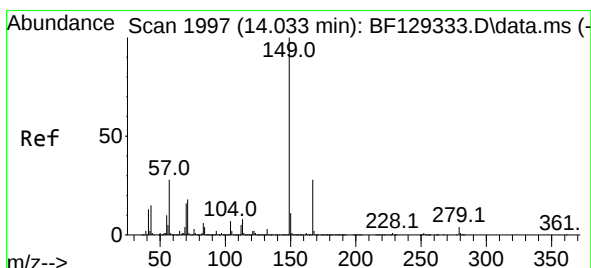
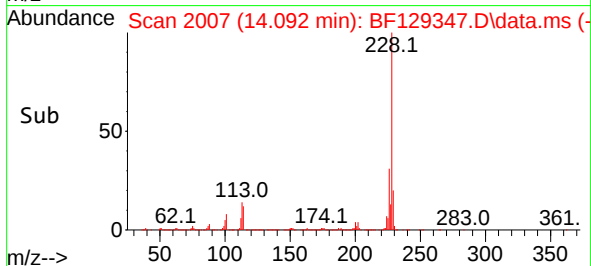
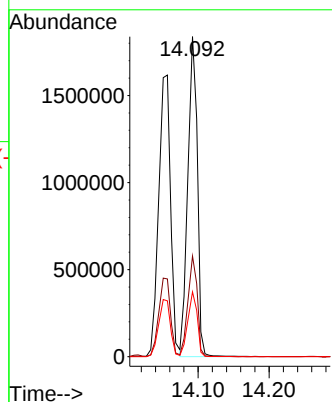
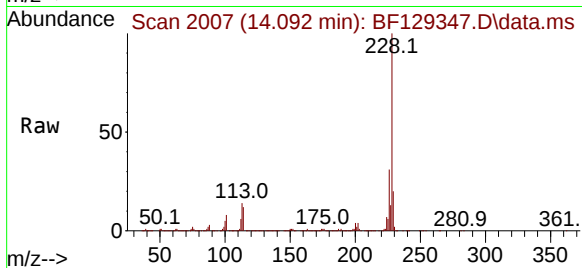
Tgt Ion:228 Resp: 1715656

Ion Ratio Lower Upper

228 100

226 31.5 24.3 36.5

229 20.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.779 ng

RT: 14.027 min Scan# 1996

Delta R.T. -0.006 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

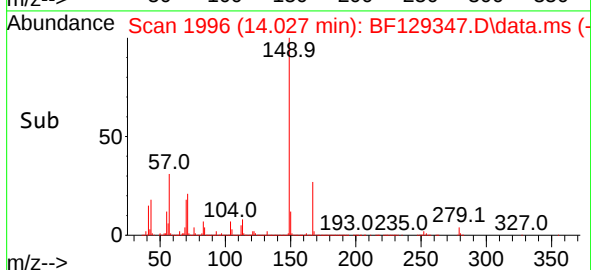
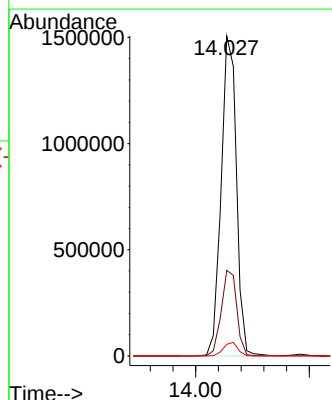
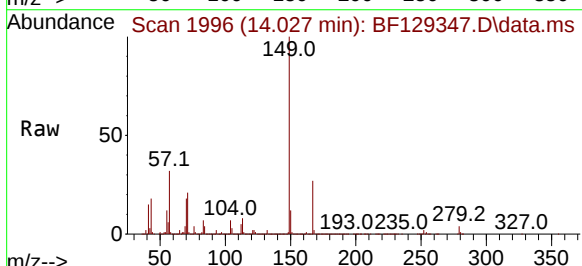
Tgt Ion:149 Resp: 1409851

Ion Ratio Lower Upper

149 100

167 26.8 21.0 31.4

279 3.6 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 46.468 ng

RT: 14.645 min Scan# 2101

Delta R.T. 0.000 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

Instrument :

BNA_F

ClientSampleId :

PB146423BS

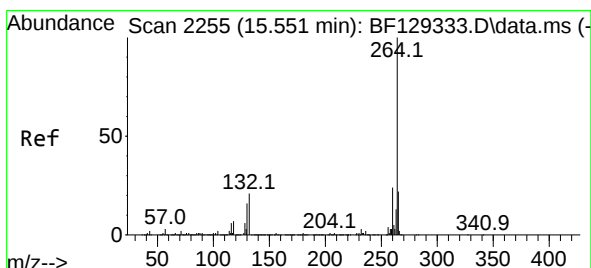
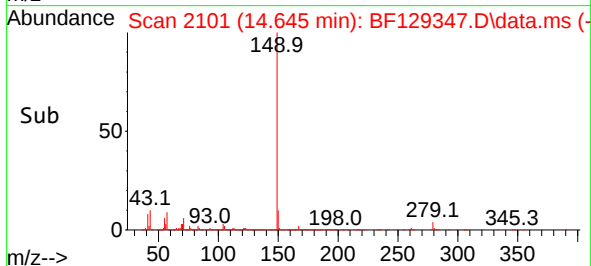
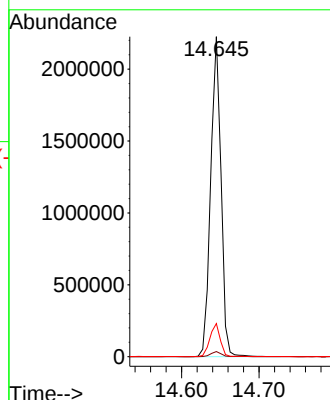
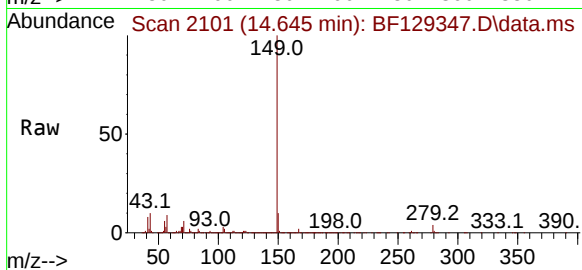
Tgt Ion:149 Resp: 2059334

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.4 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2255

Delta R.T. 0.000 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

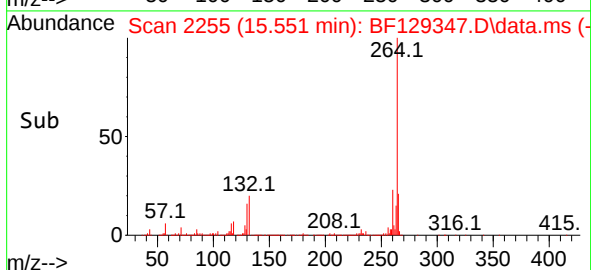
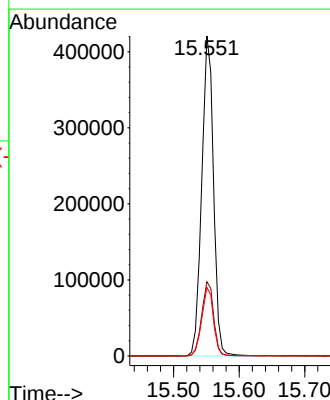
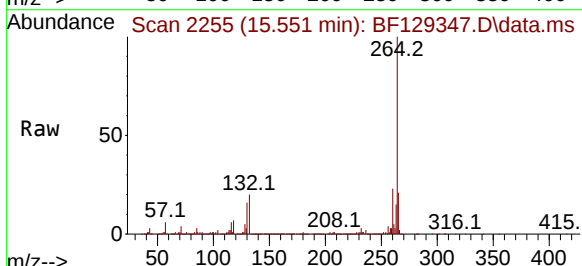
Tgt Ion:264 Resp: 526661

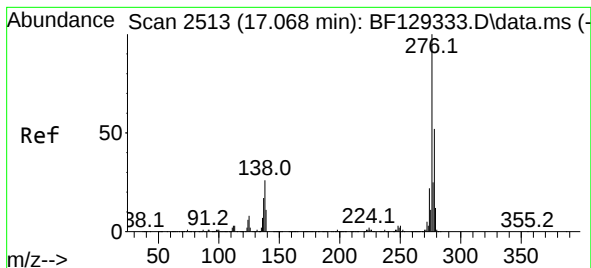
Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

265 21.4 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.797 ng

RT: 17.068 min Scan# 2181

Delta R.T. 0.000 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

Instrument :

BNA_F

ClientSampleId :

PB146423BS

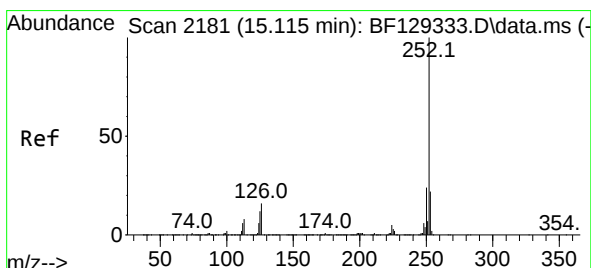
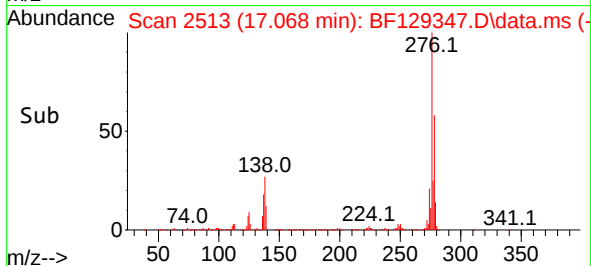
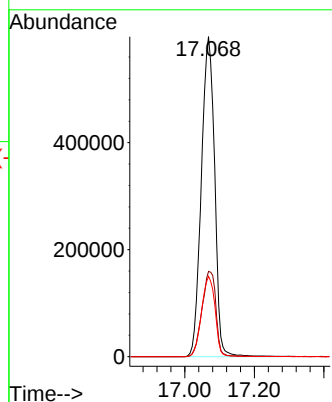
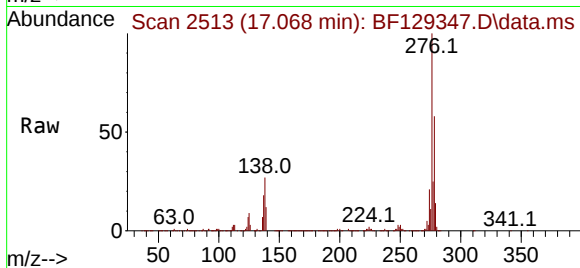
Tgt Ion:276 Resp: 1588751

Ion Ratio Lower Upper

276 100

138 27.9 21.1 31.7

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 45.019 ng

RT: 15.115 min Scan# 2181

Delta R.T. 0.000 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

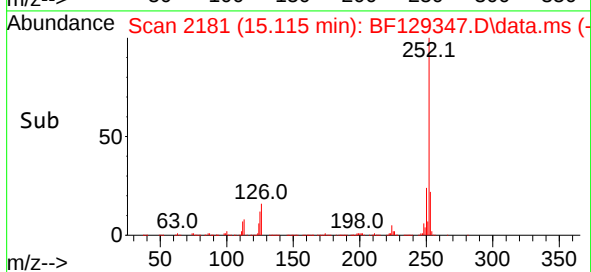
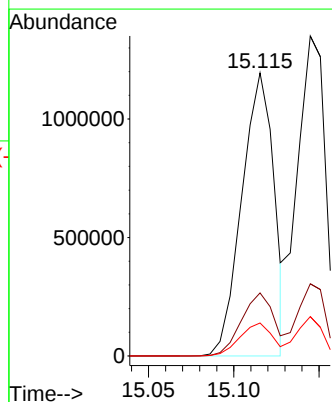
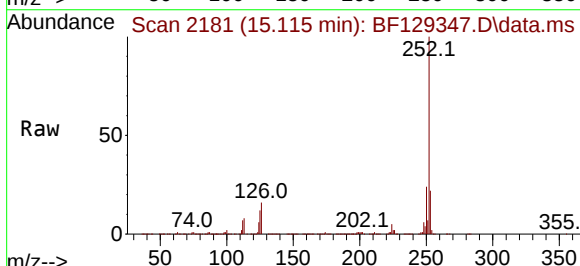
Tgt Ion:252 Resp: 1572733

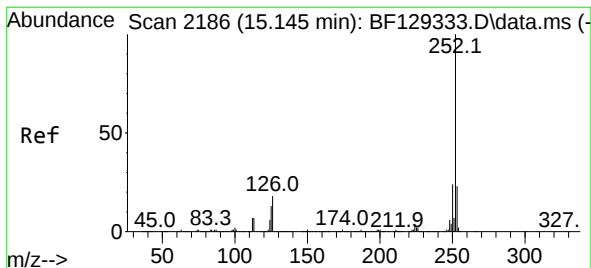
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 11.7 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 45.796 ng

RT: 15.145 min Scan# 2186

Delta R.T. 0.000 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

Instrument :

BNA_F

ClientSampleId :

PB146423BS

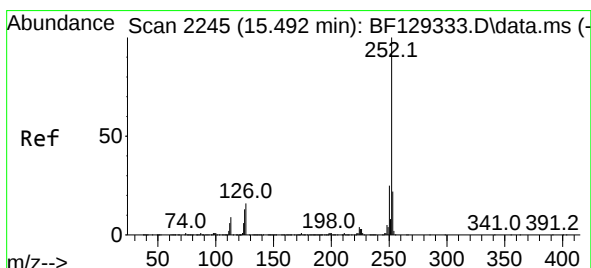
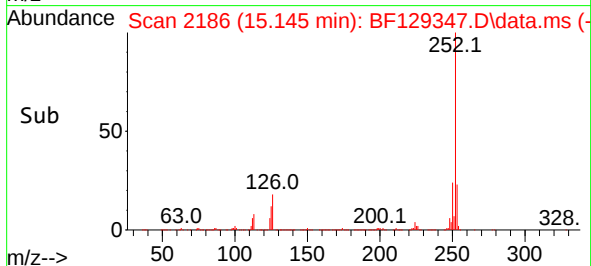
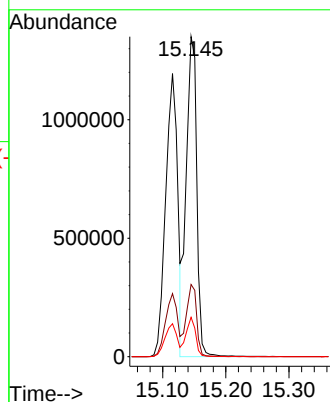
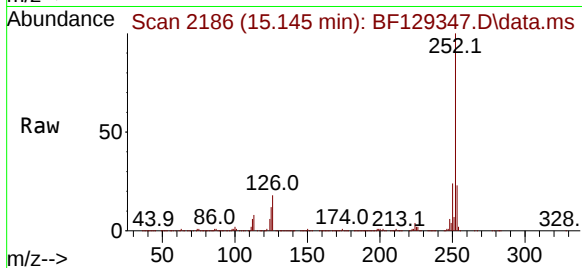
Tgt Ion:252 Resp: 1567851

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 12.3 8.3 12.5



#90

Benzo(a)pyrene

Concen: 51.952 ng

RT: 15.492 min Scan# 2245

Delta R.T. 0.000 min

Lab File: BF129347.D

Acq: 26 Jul 2022 10:30

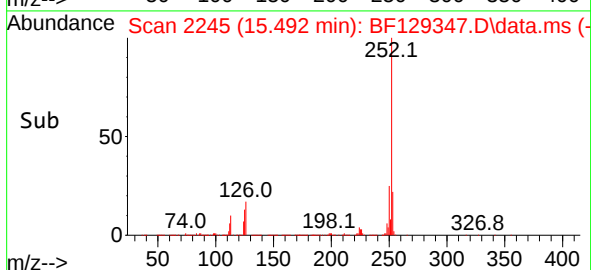
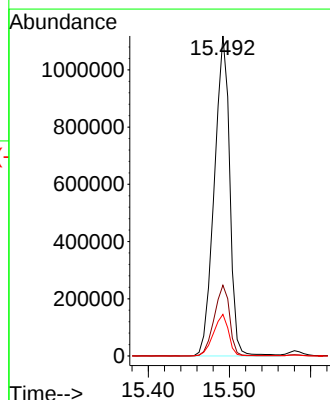
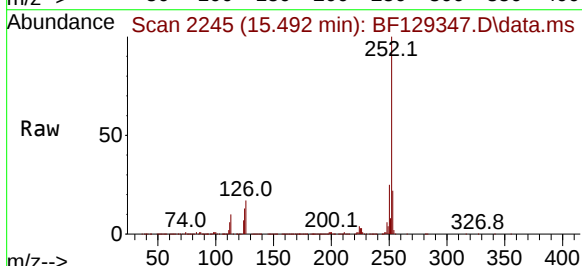
Tgt Ion:252 Resp: 1473315

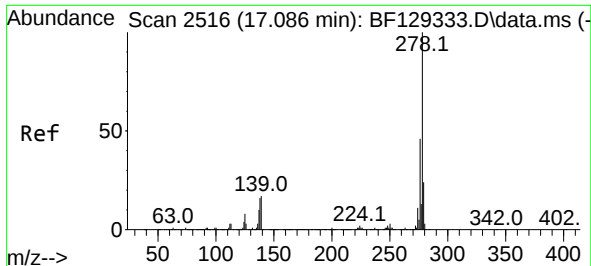
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 13.0 8.8 13.2

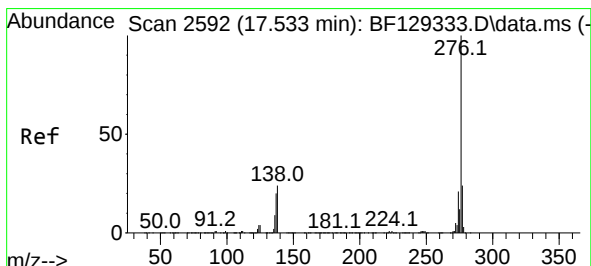
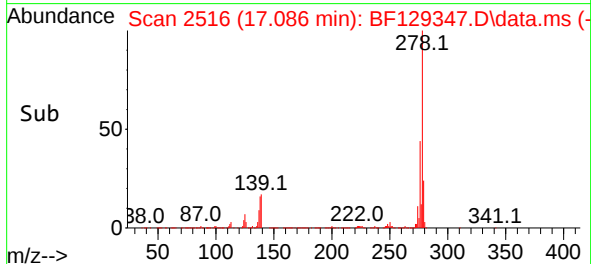
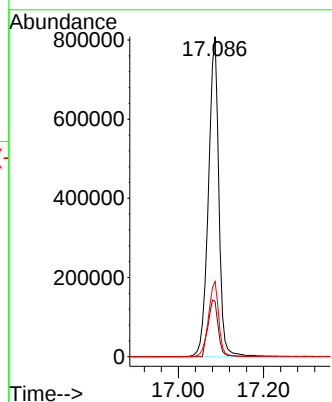
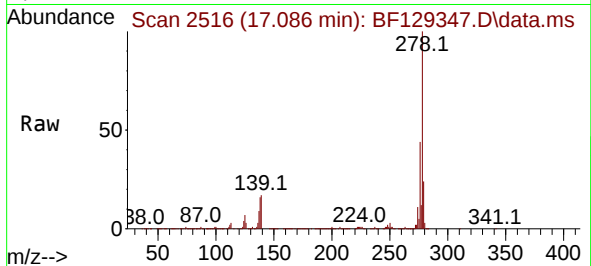




#91
 Dibenzo(a,h)anthracene
 Concen: 47.513 ng
 RT: 17.086 min Scan# 2516
 Delta R.T. 0.000 min
 Lab File: BF129347.D
 Acq: 26 Jul 2022 10:30

Instrument :
 BNA_F
 ClientSampleId :
 PB146423BS

Tgt Ion:278 Resp: 1371500
 Ion Ratio Lower Upper
 278 100
 139 17.3 12.8 19.2
 279 23.5 18.6 28.0



#92
 Benzo(g,h,i)perylene
 Concen: 47.755 ng
 RT: 17.527 min Scan# 2591
 Delta R.T. -0.006 min
 Lab File: BF129347.D
 Acq: 26 Jul 2022 10:30

Tgt Ion:276 Resp: 1408591
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.1 28.7
 138 24.1 18.0 27.0

