

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072522\
 Data File : BF129343.D
 Acq On : 25 Jul 2022 21:12
 Operator : CG\JU
 Sample : PB146415BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146415BS

Quant Time: Jul 26 03:11:28 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	6.887	152	315129	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1265212	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	661196	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	1102943	20.000	ng	0.00
76) Chrysene-d12	14.063	240	675636	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	558042	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2128211	110.014	ng	0.02
7) Phenol-d6	6.522	99	2742962	112.807	ng	0.00
23) Nitrobenzene-d5	7.451	82	1747543	75.399	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	746523	117.435	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2898504	67.814	ng	0.00
79) Terphenyl-d14	13.004	244	3030333	84.616	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	273455	31.330	ng	90
3) Pyridine	3.522	79	770016	31.768	ng	89
4) n-Nitrosodimethylamine	3.469	42	430840	40.479	ng	87
6) Aniline	6.551	93	1149749	38.036	ng	100
8) 2-Chlorophenol	6.669	128	914385	43.265	ng	99
9) Benzaldehyde	6.439	77	487294	29.510	ng	98
10) Phenol	6.534	94	1112195	42.952	ng	97
11) bis(2-Chloroethyl)ether	6.622	93	874472	42.584	ng	94
12) 1,3-Dichlorobenzene	6.828	146	903643	39.866	ng	97
13) 1,4-Dichlorobenzene	6.904	146	912503	39.584	ng	100
14) 1,2-Dichlorobenzene	7.057	146	882263	41.638	ng	99
15) Benzyl Alcohol	7.028	79	751766	42.629	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1301418	42.161	ng	93
17) 2-Methylphenol	7.139	107	722353	41.199	ng	99
18) Hexachloroethane	7.398	117	354042	40.787	ng	92
19) n-Nitroso-di-n-propyla...	7.304	70	598370	40.649	ng	92
20) 3+4-Methylphenols	7.292	107	840862	37.719	ng	91
22) Acetophenone	7.298	105	1163737	39.507	ng	# 99
24) Nitrobenzene	7.475	77	944925	39.591	ng	92
25) Isophorone	7.710	82	1767824	42.552	ng	99
26) 2-Nitrophenol	7.786	139	495758	42.105	ng	92
27) 2,4-Dimethylphenol	7.822	122	809620	45.841	ng	96
28) bis(2-Chloroethoxy)met...	7.916	93	1068487	44.335	ng	99
29) 2,4-Dichlorophenol	8.028	162	737207	40.441	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	736769	39.047	ng	97
31) Naphthalene	8.192	128	2432713	37.845	ng	99
32) Benzoic acid	7.957	122	567247	44.427	ng	94
33) 4-Chloroaniline	8.239	127	776470	29.422	ng	97
34) Hexachlorobutadiene	8.304	225	419292	39.093	ng	99
35) Caprolactam	8.622	113	128451	21.674	ng	# 81
36) 4-Chloro-3-methylphenol	8.722	107	806264	41.701	ng	97
37) 2-Methylnaphthalene	8.881	142	1620590	38.795	ng	99
38) 1-Methylnaphthalene	8.980	142	1546060	38.339	ng	97
40) 1,2,4,5-Tetrachloroben...	9.051	216	688771	39.672	ng	98
41) Hexachlorocyclopentadiene	9.033	237	805767	104.226	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	512629	40.653	ng	97

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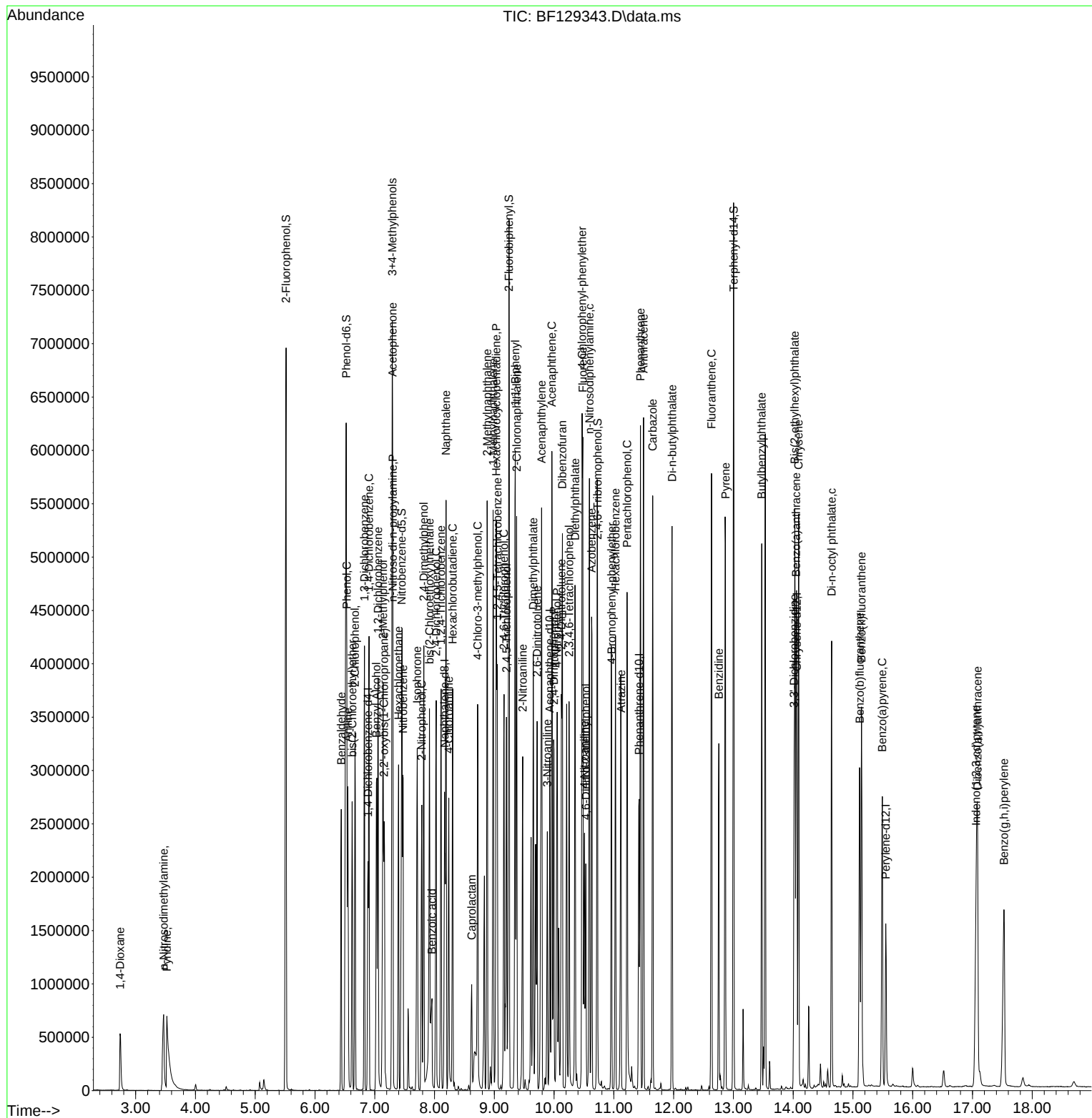
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	553501	40.363	ng	94
46) 1,1'-Biphenyl	9.351	154	1906626	39.512	ng	100
47) 2-Chloronaphthalene	9.375	162	1517351	38.898	ng	99
48) 2-Nitroaniline	9.475	65	525041	40.477	ng	89
49) Acenaphthylene	9.792	152	2340569	39.488	ng	99
50) Dimethylphthalate	9.651	163	1802455	39.489	ng	99
51) 2,6-Dinitrotoluene	9.716	165	420688	41.179	ng	97
52) Acenaphthene	9.963	154	1391592	35.945	ng	99
53) 3-Nitroaniline	9.886	138	361066	29.930	ng	# 94
54) 2,4-Dinitrophenol	9.998	184	465842	89.322	ng	# 88
55) Dibenzofuran	10.139	168	2068624	38.761	ng	98
56) 4-Nitrophenol	10.051	139	730484	82.078	ng	99
57) 2,4-Dinitrotoluene	10.122	165	557541	41.776	ng	99
58) Fluorene	10.480	166	1611934	37.749	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	420583	39.688	ng	92
60) Diethylphthalate	10.351	149	1738061	39.390	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	740747	39.349	ng	93
62) 4-Nitroaniline	10.510	138	461440	38.558	ng	93
63) Azobenzene	10.627	77	1749703	38.878	ng	95
65) 4,6-Dinitro-2-methylph...	10.533	198	290472	41.725	ng	86
66) n-Nitrosodiphenylamine	10.592	169	1469093	39.996	ng	97
67) 4-Bromophenyl-phenylether	10.963	248	497129	41.161	ng	96
68) Hexachlorobenzene	11.027	284	540055	41.268	ng	99
69) Atrazine	11.122	200	492340	44.130	ng	97
70) Pentachlorophenol	11.222	266	584156	82.112	ng	99
71) Phenanthrene	11.445	178	2303092	38.253	ng	99
72) Anthracene	11.498	178	2339674	39.545	ng	100
73) Carbazole	11.651	167	2226814	39.982	ng	99
74) Di-n-butylphthalate	11.974	149	2653604	40.008	ng	99
75) Fluoranthene	12.633	202	2385675	39.107	ng	96
77) Benzidine	12.757	184	1162429	48.701	ng	100
78) Pyrene	12.868	202	2362304	41.812	ng	100
80) Butylbenzylphthalate	13.474	149	1074220	43.835	ng	100
81) Benzo(a)anthracene	14.051	228	1867140	40.456	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	516112	33.870	ng	96
83) Chrysene	14.092	228	1733407	39.851	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	1423529	44.123	ng	98
85) Di-n-octyl phthalate	14.645	149	1993150	42.931	ng	97
87) Indeno(1,2,3-cd)pyrene	17.062	276	1667187	44.365	ng	98
88) Benzo(b)fluoranthene	15.115	252	1612328	43.557	ng	99
89) Benzo(k)fluoranthene	15.145	252	1524621	42.029	ng	99
90) Benzo(a)pyrene	15.492	252	1366014	45.459	ng	98
91) Dibenzo(a,h)anthracene	17.086	278	1426333	46.634	ng	98
92) Benzo(g,h,i)perylene	17.527	276	1465089	46.877	ng	97

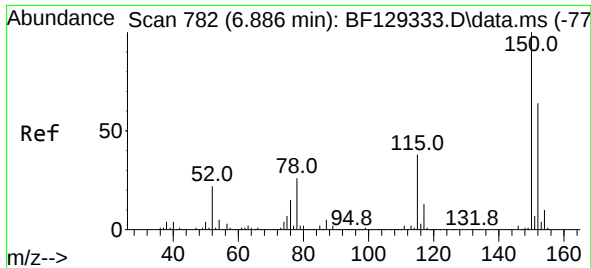
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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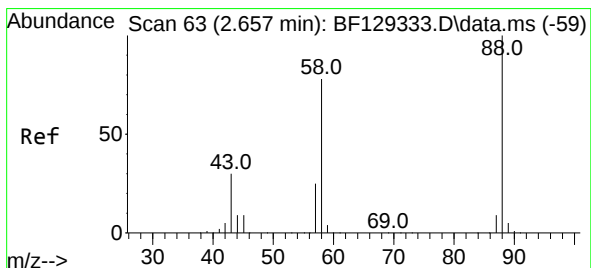
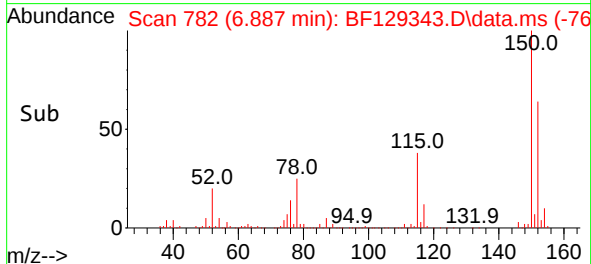
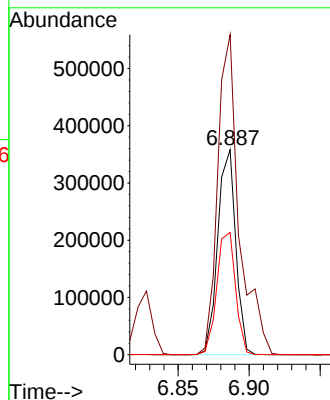
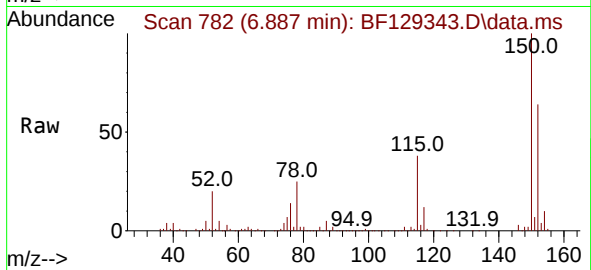




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF129343.D
 Acq: 25 Jul 2022 21:12

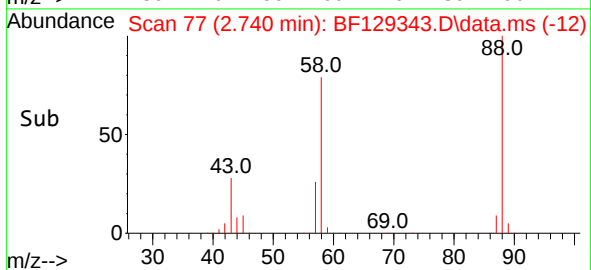
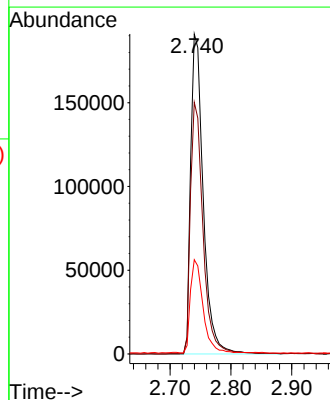
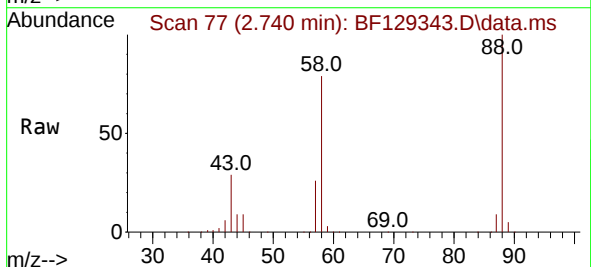
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 BNA_F
 ClientSampleId :
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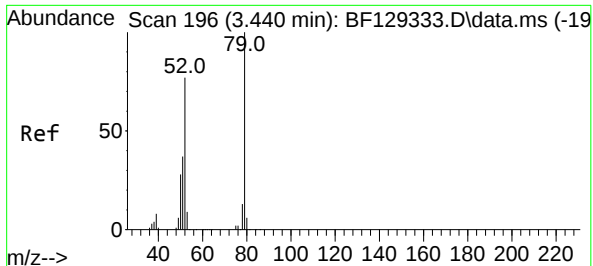
Tgt Ion:152 Resp: 315129
 Ion Ratio Lower Upper
 152 100
 150 156.1 123.7 185.5
 115 59.7 49.9 74.9



#2
 1,4-Dioxane
 Concen: 31.330 ng
 RT: 2.740 min Scan# 77
 Delta R.T. 0.082 min
 Lab File: BF129343.D
 Acq: 25 Jul 2022 21:12

Tgt Ion: 88 Resp: 273455
 Ion Ratio Lower Upper
 88 100
 58 78.9 71.8 107.8
 43 29.2 26.6 39.8





#3

Pyridine

Concen: 31.768 ng

RT: 3.522 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF129343.D

Acq: 25 Jul 2022 21:12

Instrument :

BNA_F

ClientSampleId :

PB146415BS

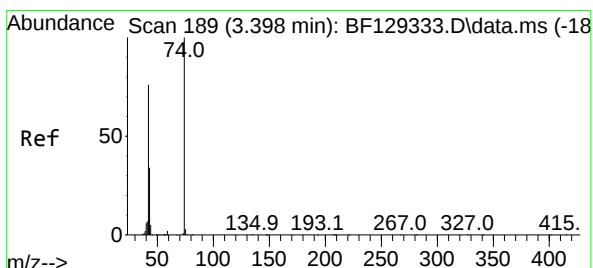
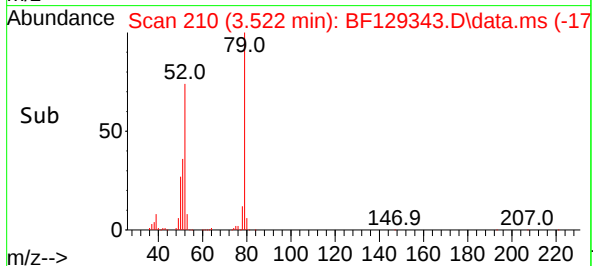
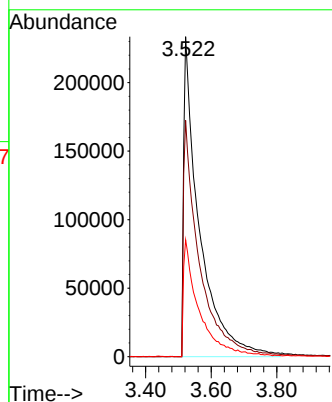
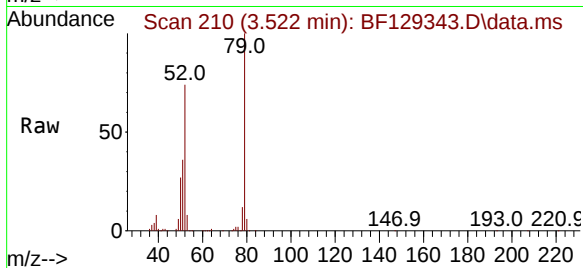
Tgt Ion: 79 Resp: 770016

Ion Ratio Lower Upper

79 100

52 73.8 68.6 102.8

51 36.5 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 40.479 ng

RT: 3.469 min Scan# 201

Delta R.T. 0.071 min

Lab File: BF129343.D

Acq: 25 Jul 2022 21:12

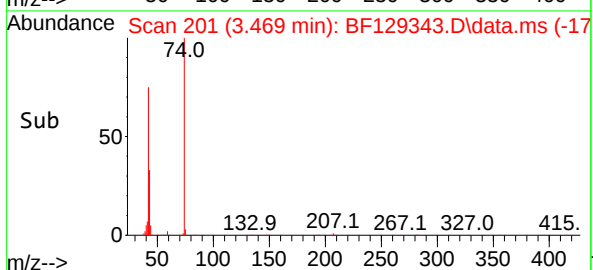
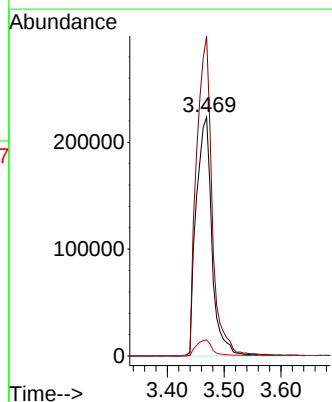
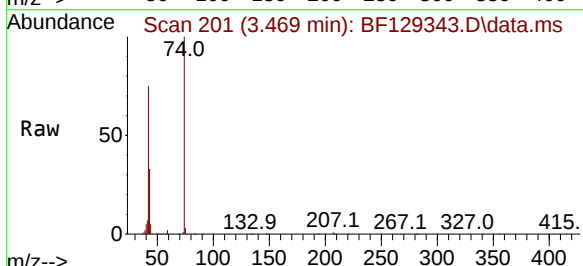
Tgt Ion: 42 Resp: 430840

Ion Ratio Lower Upper

42 100

74 134.0 94.8 142.2

44 6.8 6.6 10.0

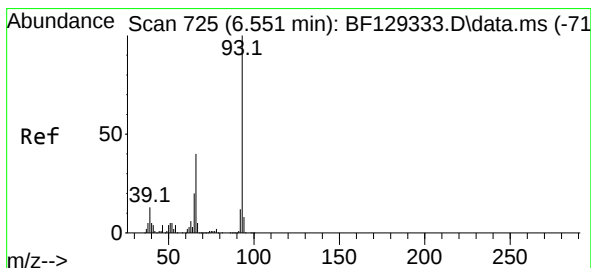
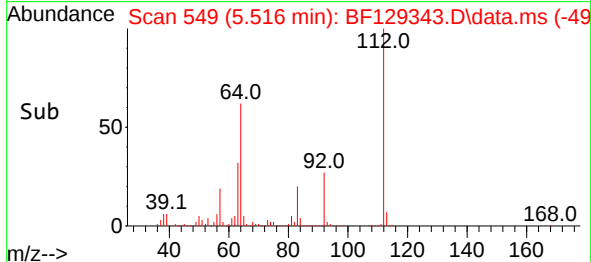
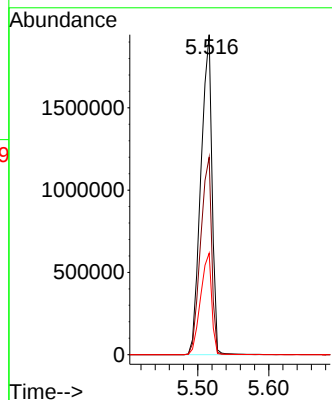
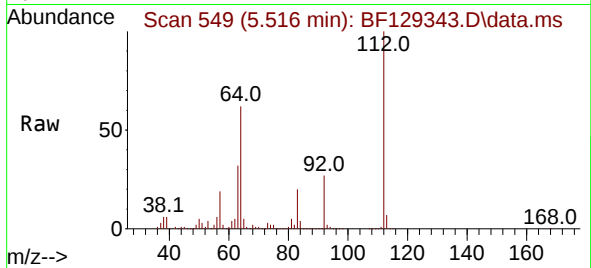




#5
2-Fluorophenol
Concen: 110.014 ng
RT: 5.516 min Scan# 546
Delta R.T. 0.018 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

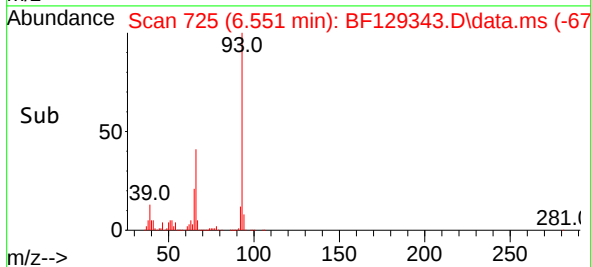
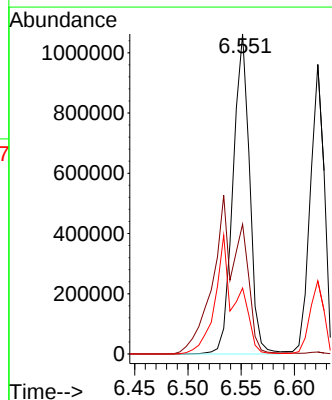
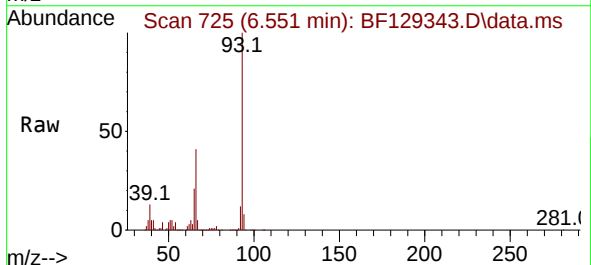
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Tgt Ion:112 Resp: 2128211
Ion Ratio Lower Upper
112 100
64 61.7 53.3 79.9
63 31.7 28.0 42.0



#6
Aniline
Concen: 38.036 ng
RT: 6.551 min Scan# 725
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Tgt Ion: 93 Resp: 1149749
Ion Ratio Lower Upper
93 100
66 40.6 32.5 48.7
65 20.6 16.4 24.6

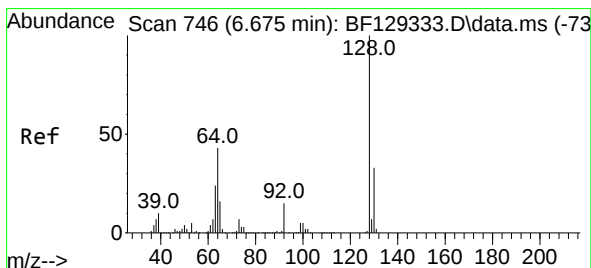
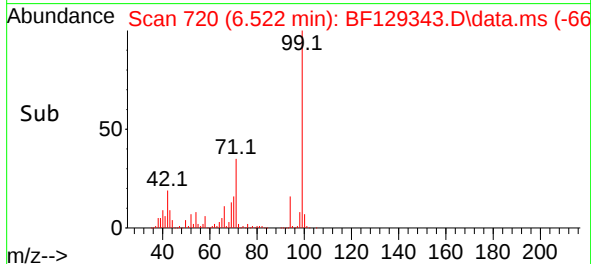
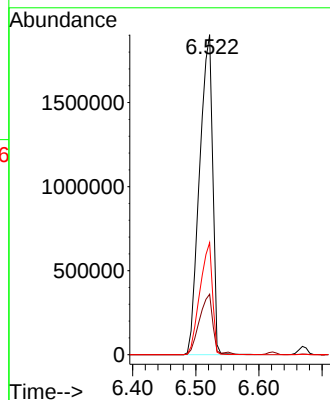
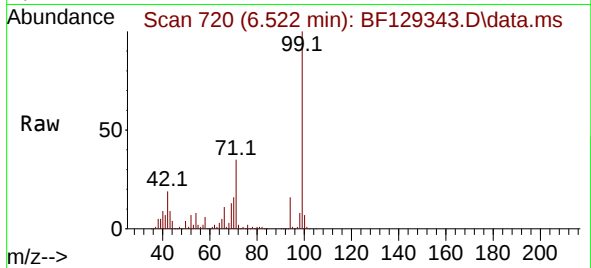




#7
Phenol-d6
Concen: 112.807 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

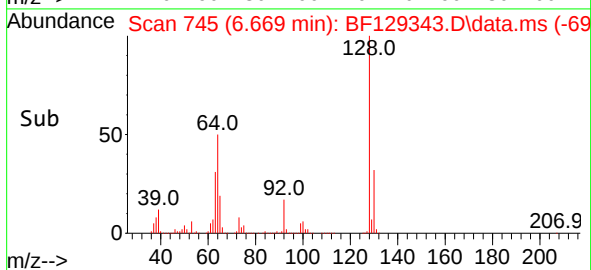
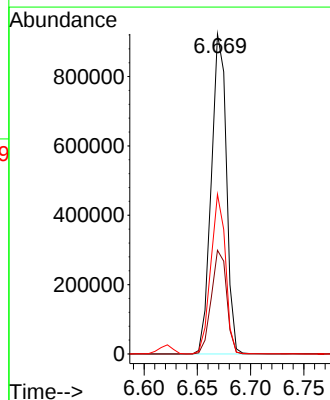
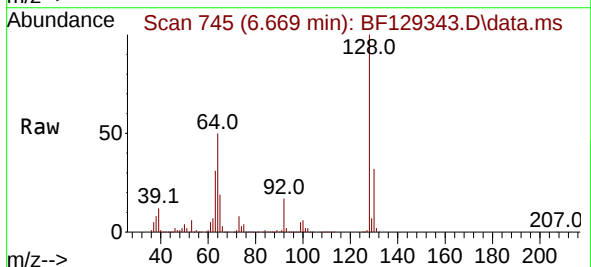
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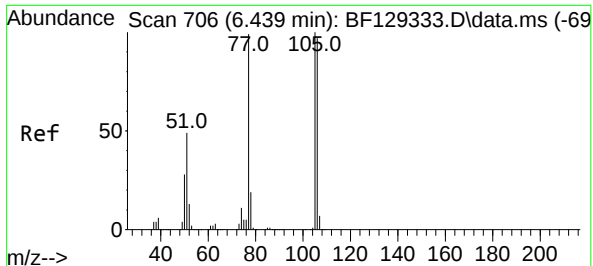
Tgt Ion: 99 Resp: 2742962
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 35.0 28.9 43.3



#8
2-Chlorophenol
Concen: 43.265 ng
RT: 6.669 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Tgt Ion: 128 Resp: 914385
Ion Ratio Lower Upper
128 100
130 32.4 13.1 53.1
64 49.9 30.9 70.9

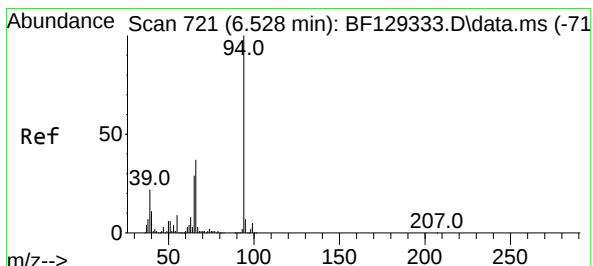
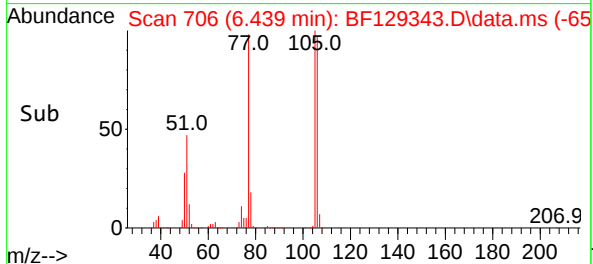
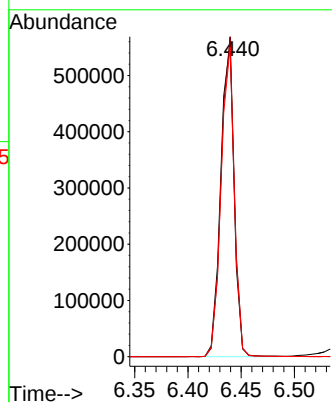
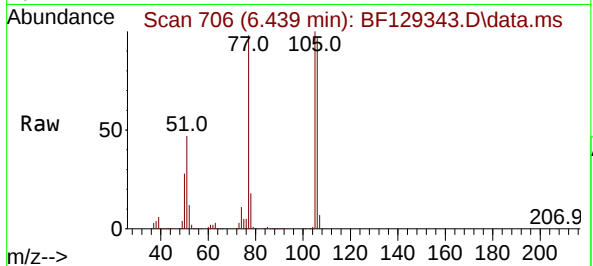




#9
Benzaldehyde
Concen: 29.510 ng
RT: 6.439 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF129343.D
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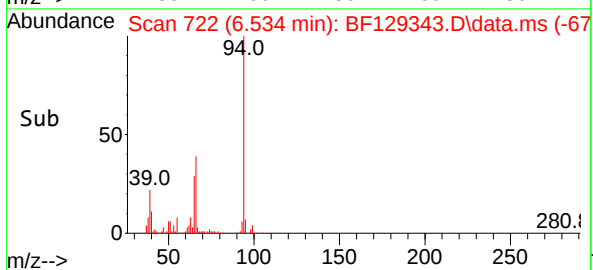
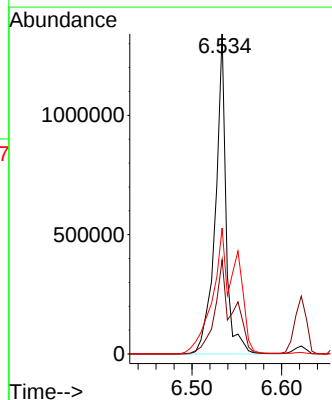
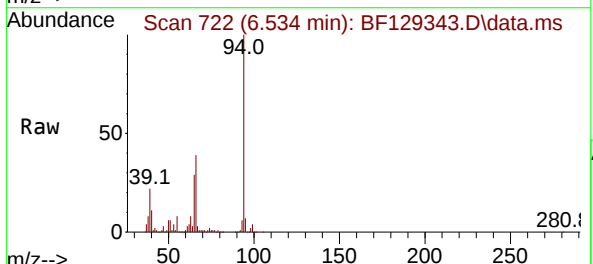
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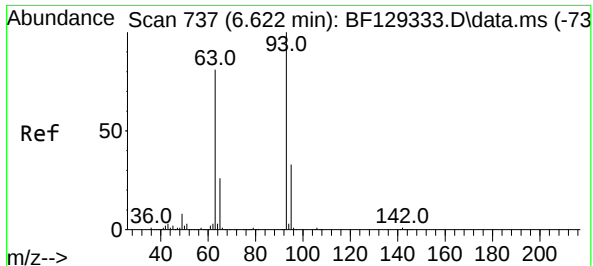
Tgt Ion: 77 Resp: 487294
Ion Ratio Lower Upper
77 100
105 102.1 81.6 121.6
106 98.8 76.1 116.1



#10
Phenol
Concen: 42.952 ng
RT: 6.534 min Scan# 722
Delta R.T. 0.006 min
Lab File: BF129343.D
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Tgt Ion: 94 Resp: 1112195
Ion Ratio Lower Upper
94 100
65 29.4 11.4 51.4
66 39.3 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 42.584 ng

RT: 6.622 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF129343.D

Acq: 25 Jul 2022 21:12

Instrument :

BNA_F

ClientSampleId :

PB146415BS

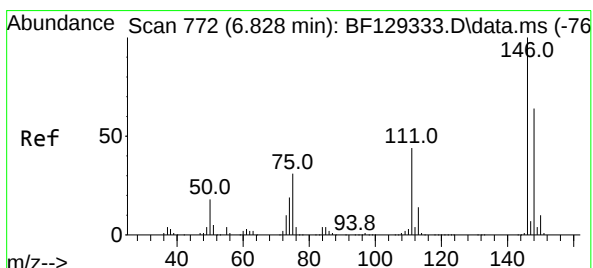
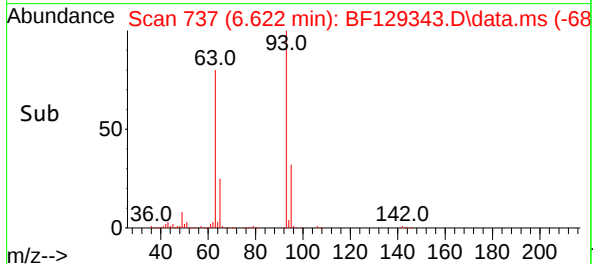
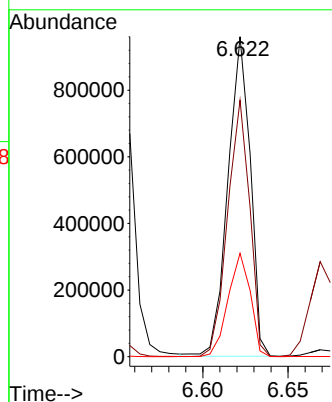
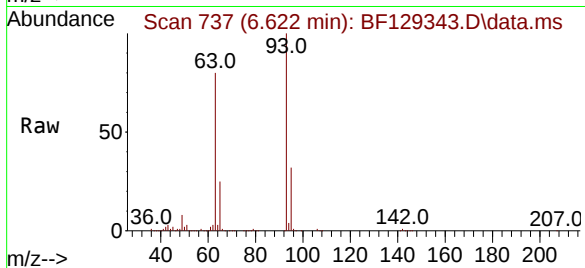
Tgt Ion: 93 Resp: 874472

Ion Ratio Lower Upper

93 100

63 80.1 67.4 107.4

95 32.3 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 39.866 ng

RT: 6.828 min Scan# 772

Delta R.T. 0.000 min

Lab File: BF129343.D

Acq: 25 Jul 2022 21:12

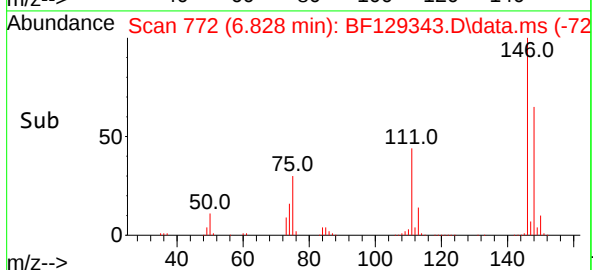
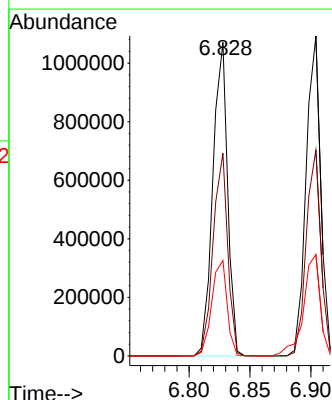
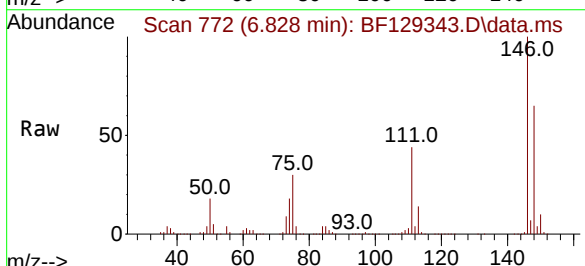
Tgt Ion: 146 Resp: 903643

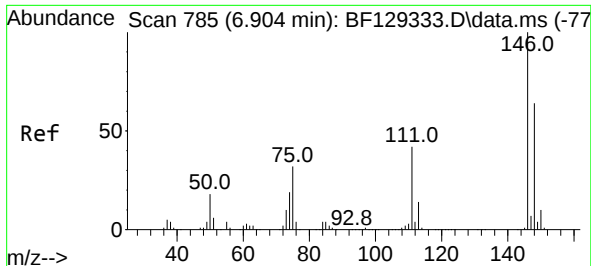
Ion Ratio Lower Upper

146 100

148 64.6 50.6 75.8

75 30.4 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 39.584 ng

RT: 6.904 min Scan# 785

Delta R.T. 0.000 min

Lab File: BF129343.D

Acq: 25 Jul 2022 21:12

Instrument :

BNA_F

ClientSampleId :

PB146415BS

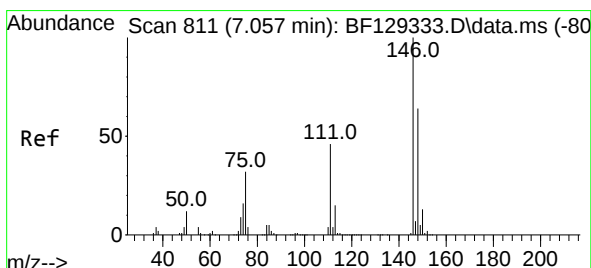
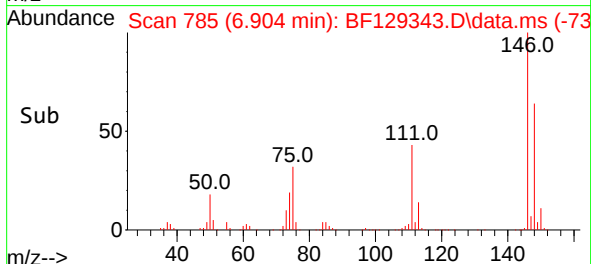
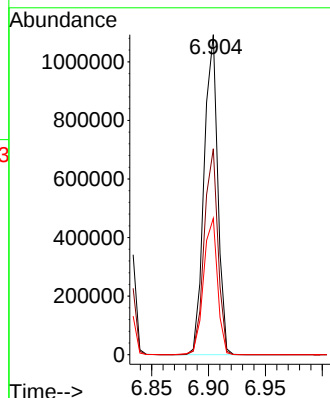
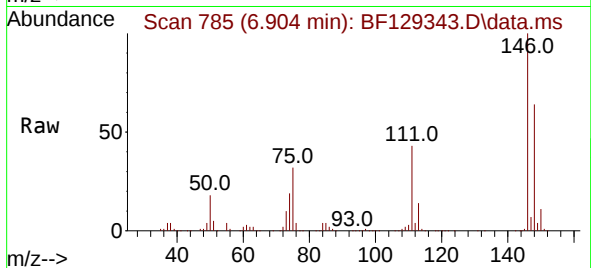
Tgt Ion:146 Resp: 912503

Ion Ratio Lower Upper

146 100

148 64.3 51.1 76.7

111 42.6 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 41.638 ng

RT: 7.057 min Scan# 811

Delta R.T. 0.000 min

Lab File: BF129343.D

Acq: 25 Jul 2022 21:12

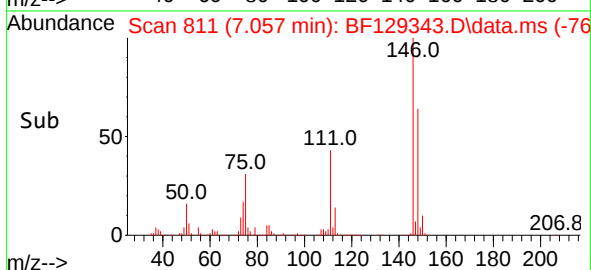
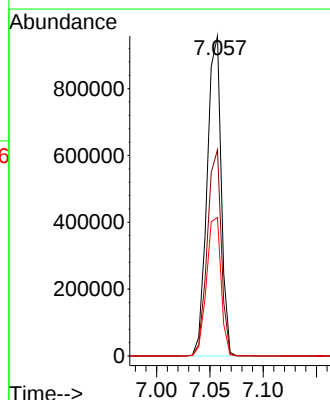
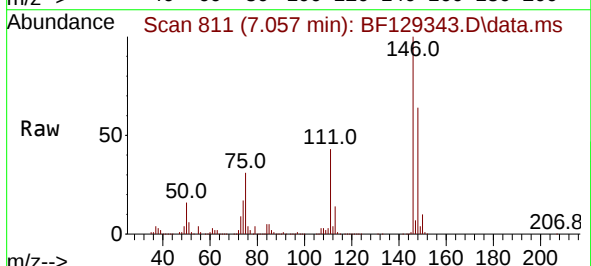
Tgt Ion:146 Resp: 882263

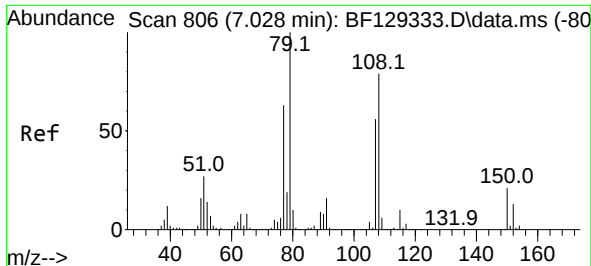
Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.8

111 43.2 35.1 52.7

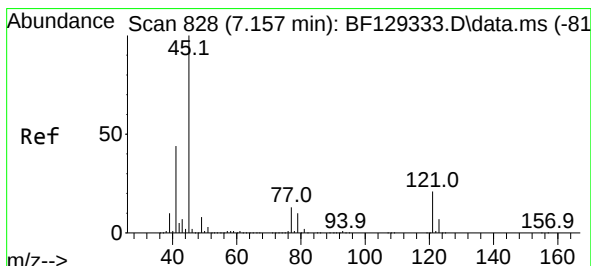
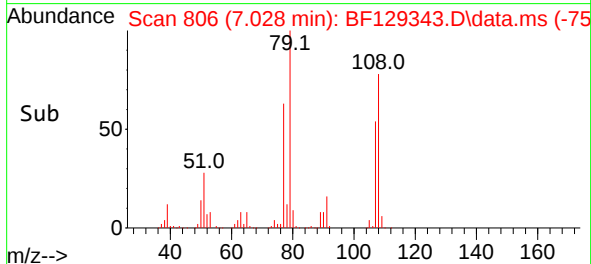
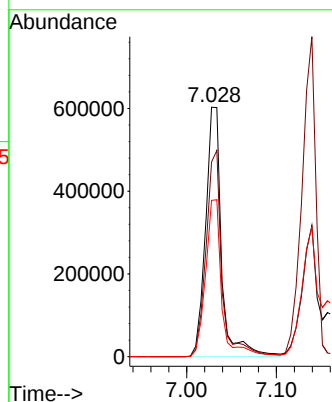
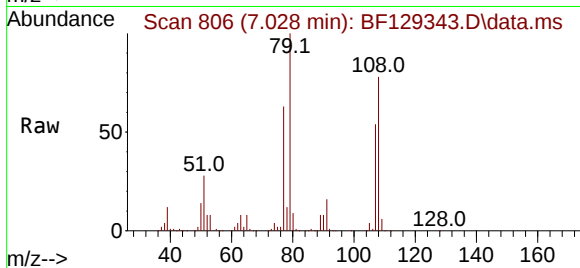




#15
Benzyl Alcohol
Concen: 42.629 ng
RT: 7.028 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

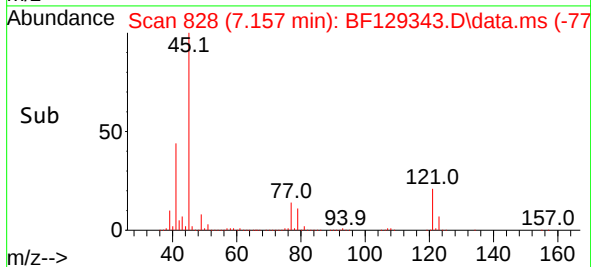
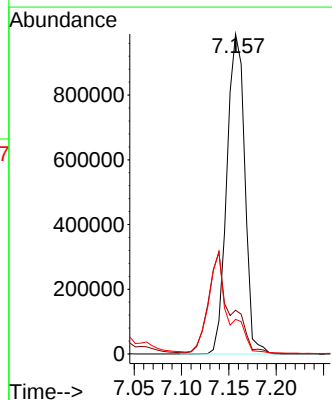
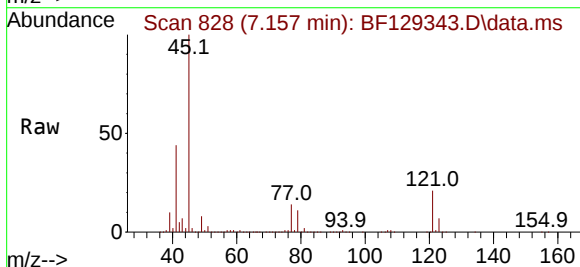
Instrument :
BNA_F
ClientSampleId :
PB146415BS

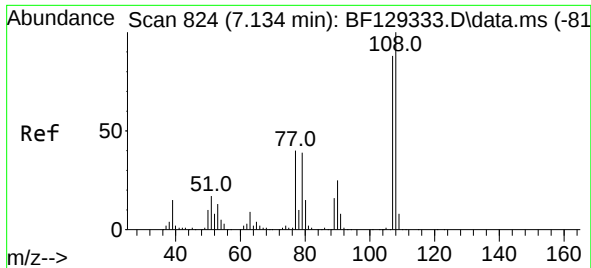
Tgt Ion: 79 Resp: 751766
Ion Ratio Lower Upper
79 100
108 78.1 61.8 92.6
77 62.7 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.161 ng
RT: 7.157 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Tgt Ion: 45 Resp: 1301418
Ion Ratio Lower Upper
45 100
77 13.7 0.0 31.3
79 10.8 0.0 28.3

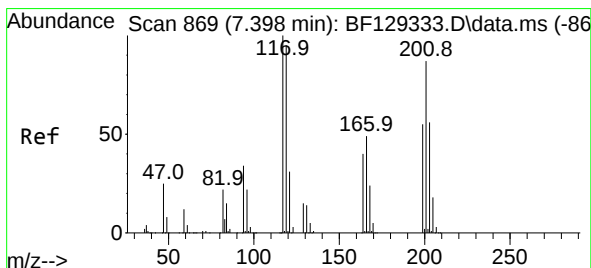
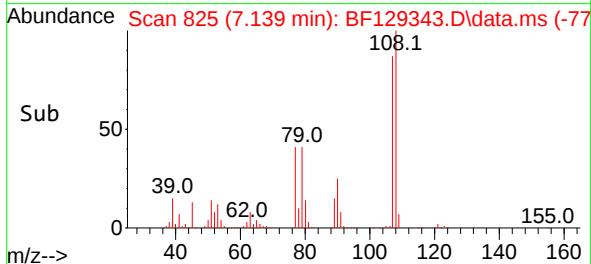
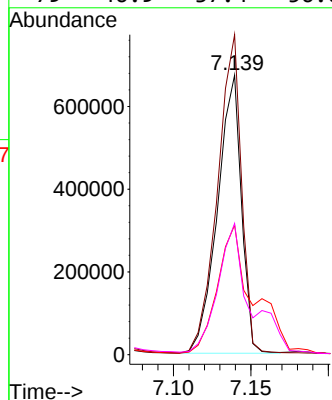
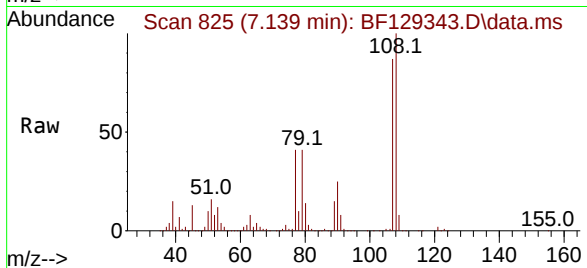




#17
2-Methylphenol
Concen: 41.199 ng
RT: 7.139 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

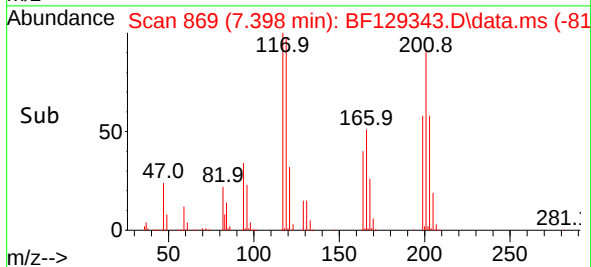
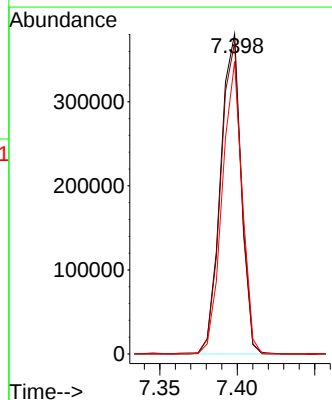
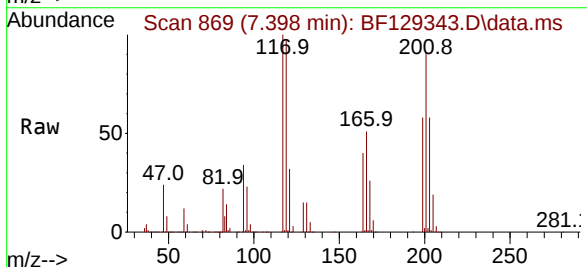
Instrument :
BNA_F
ClientSampleId :
PB146415BS

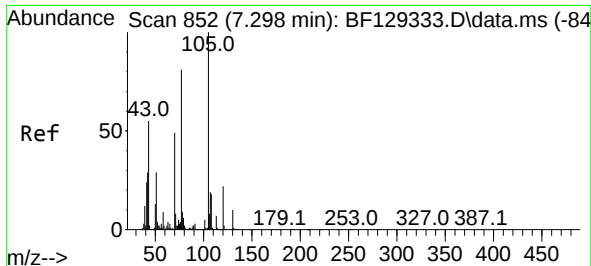
Tgt Ion:107 Resp: 722353
Ion Ratio Lower Upper
107 100
108 114.5 91.9 137.9
77 46.4 37.8 56.8
79 46.9 37.4 56.0



#18
Hexachloroethane
Concen: 40.787 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Tgt Ion:117 Resp: 354042
Ion Ratio Lower Upper
117 100
119 97.3 77.4 116.2
201 91.4 84.6 127.0



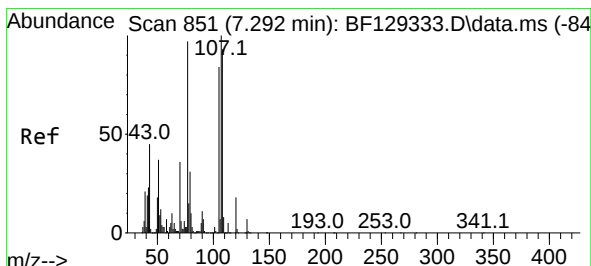
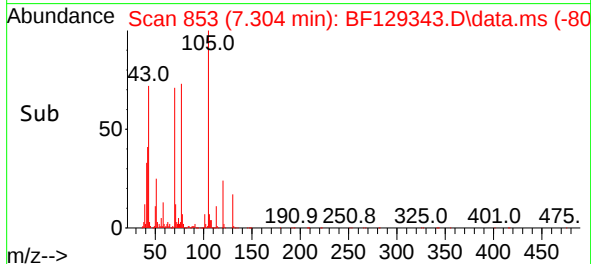
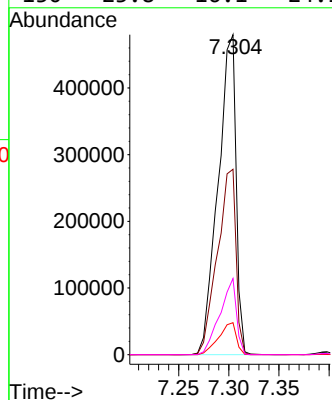
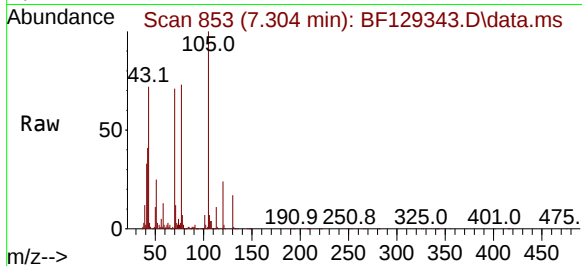


#19
n-Nitroso-di-n-propylamine
Concen: 40.649 ng
RT: 7.304 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Instrument :
BNA_F
ClientSampleId :
PB146415BS

Tgt Ion: 70 Resp: 598370

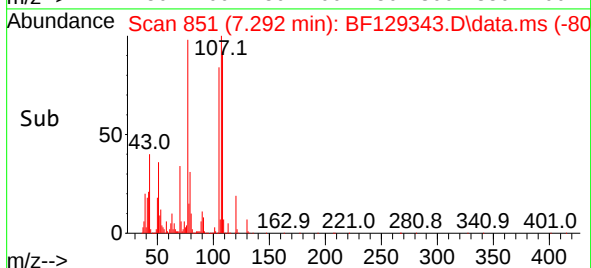
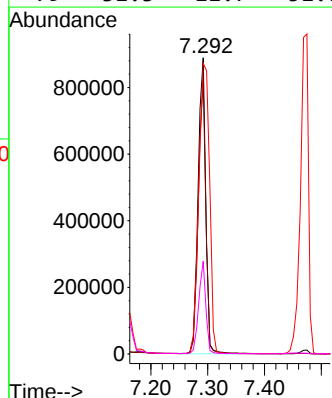
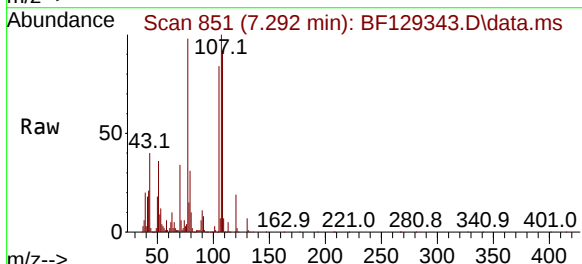
Ion	Ratio	Lower	Upper
70	100		
42	58.0	52.3	78.5
101	10.0	7.5	11.3
130	23.8	16.1	24.1



#20
3+4-Methylphenols
Concen: 37.719 ng
RT: 7.292 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Tgt Ion: 107 Resp: 840862

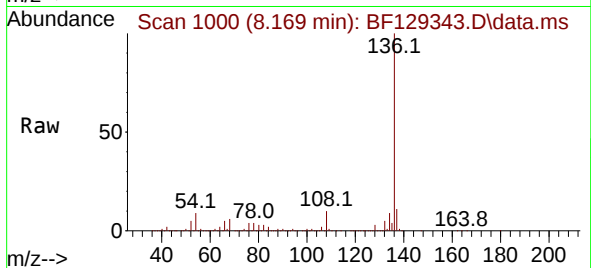
Ion	Ratio	Lower	Upper
107	100		
108	92.2	71.8	111.8
77	98.2	59.3	99.3
79	31.3	11.7	51.7





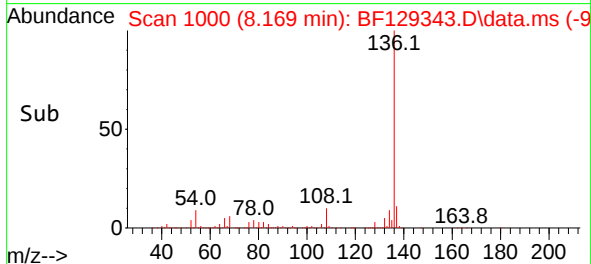
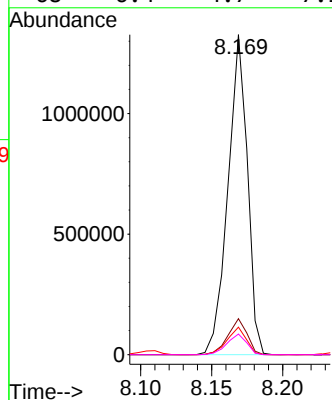
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Instrument :
BNA_F
ClientSampleId :
PB146415BS



Tgt Ion:136 Resp: 1265212

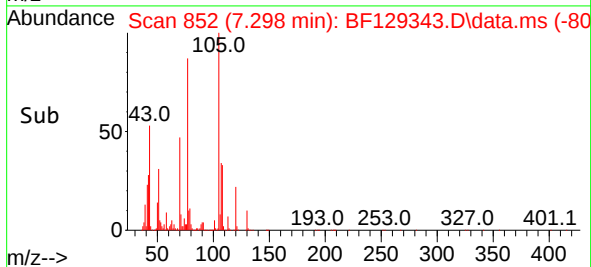
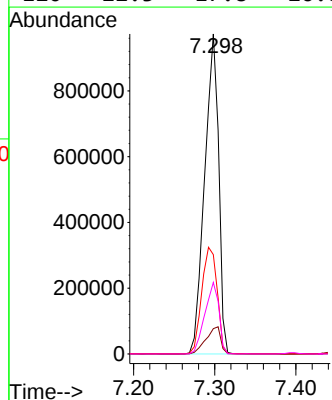
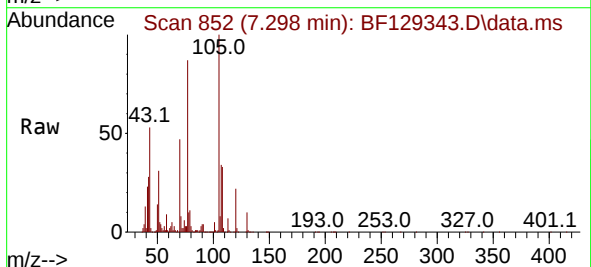
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.6	7.5	11.3
68	6.4	4.7	7.1

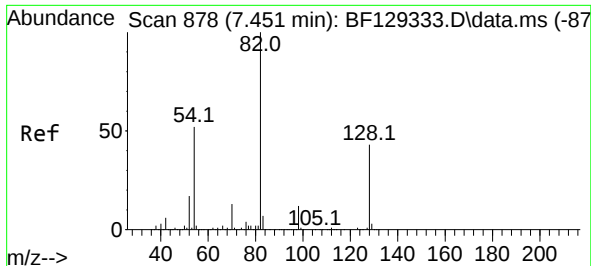


#22
Acetophenone
Concen: 39.507 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Tgt Ion:105 Resp: 1163737

Ion	Ratio	Lower	Upper
105	100		
71	7.9	5.0	7.4#
51	31.1	25.0	37.4
120	22.3	17.8	26.8





#23

Nitrobenzene-d5

Concen: 75.399 ng

RT: 7.451 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF129343.D

Acq: 25 Jul 2022 21:12

Instrument :

BNA_F

ClientSampleId :

PB146415BS

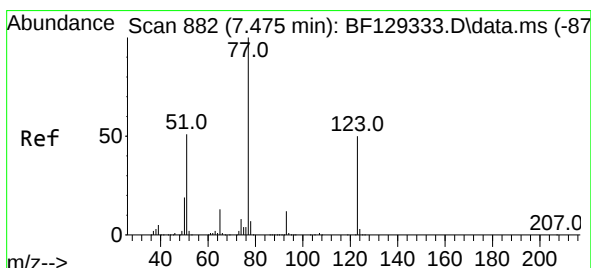
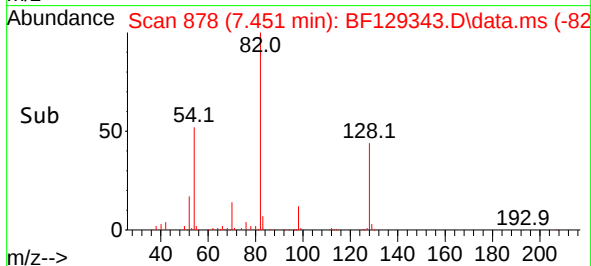
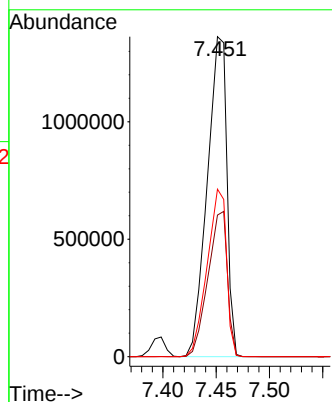
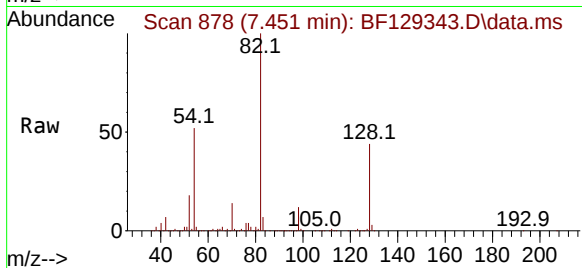
Tgt Ion: 82 Resp: 1747543

Ion Ratio Lower Upper

82 100

128 44.2 34.0 51.0

54 52.3 46.9 70.3



#24

Nitrobenzene

Concen: 39.591 ng

RT: 7.475 min Scan# 882

Delta R.T. 0.000 min

Lab File: BF129343.D

Acq: 25 Jul 2022 21:12

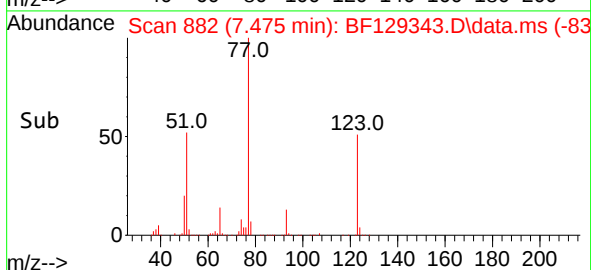
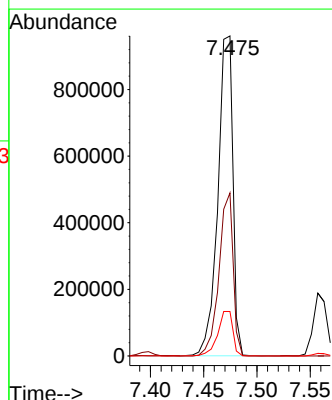
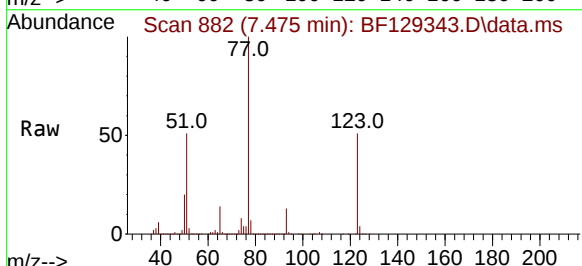
Tgt Ion: 77 Resp: 944925

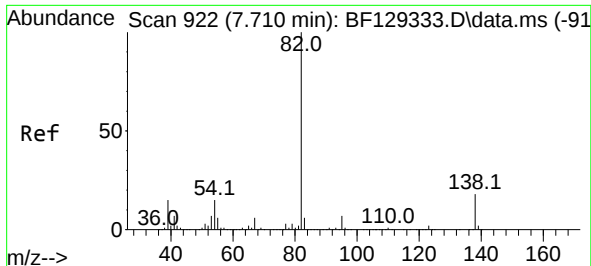
Ion Ratio Lower Upper

77 100

123 50.9 35.4 53.2

65 13.9 11.8 17.8

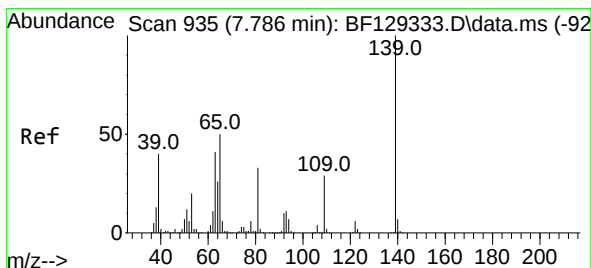
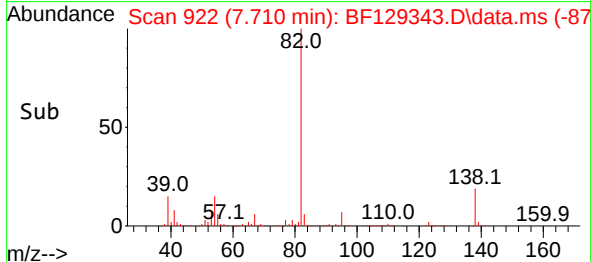
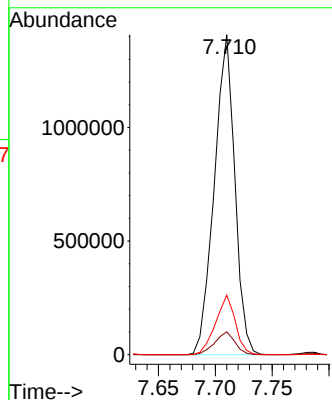
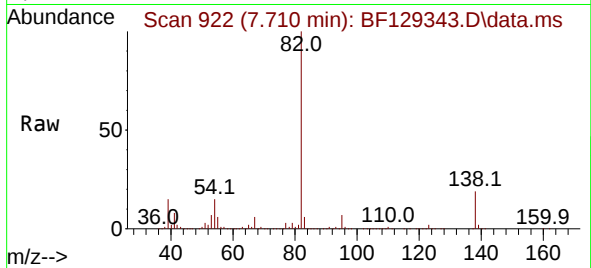




#25
Isophorone
Concen: 42.552 ng
RT: 7.710 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

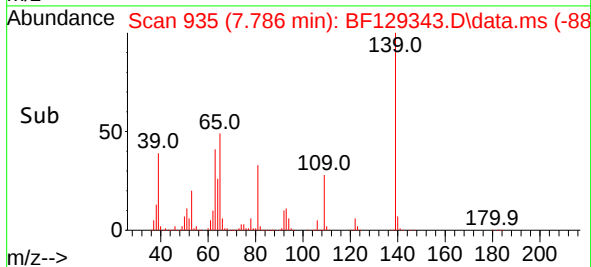
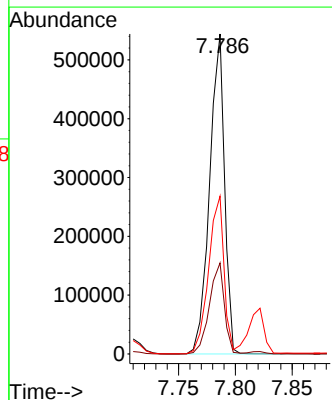
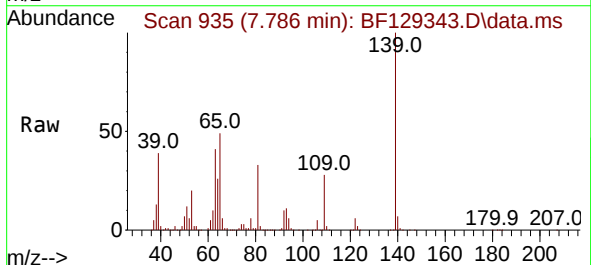
Instrument :
BNA_F
ClientSampleId :
PB146415BS

Tgt Ion: 82 Resp: 1767824
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 18.6 14.2 21.2



#26
2-Nitrophenol
Concen: 42.105 ng
RT: 7.786 min Scan# 935
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Tgt Ion:139 Resp: 495758
Ion Ratio Lower Upper
139 100
109 28.5 25.0 37.4
65 49.3 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 45.841 ng

RT: 7.822 min Scan# 941

Delta R.T. 0.006 min

Lab File: BF129343.D

Acq: 25 Jul 2022 21:12

Instrument :

BNA_F

ClientSampleId :

PB146415BS

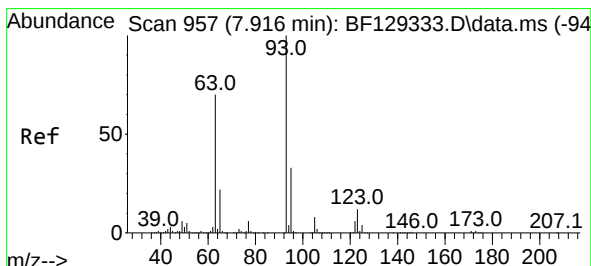
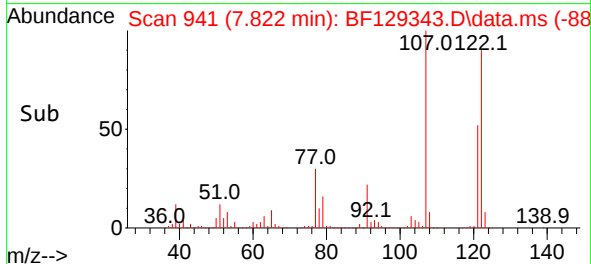
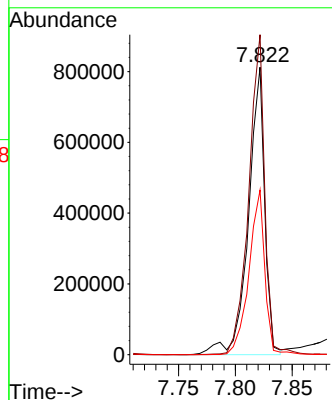
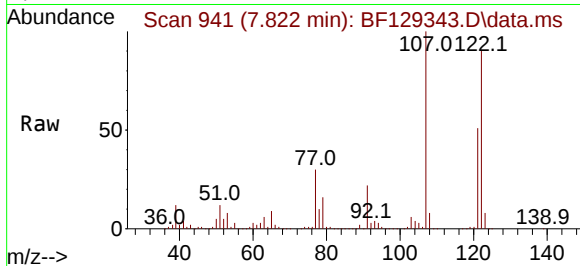
Tgt Ion:122 Resp: 809620

Ion Ratio Lower Upper

122 100

107 111.3 93.0 139.6

121 57.3 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 44.335 ng

RT: 7.916 min Scan# 957

Delta R.T. 0.000 min

Lab File: BF129343.D

Acq: 25 Jul 2022 21:12

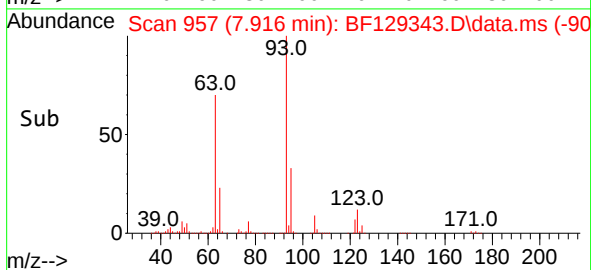
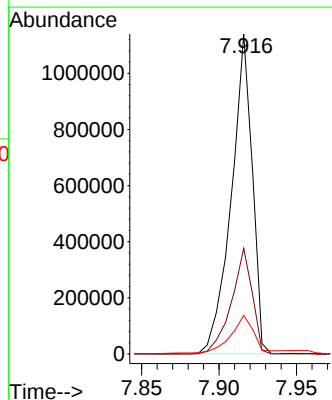
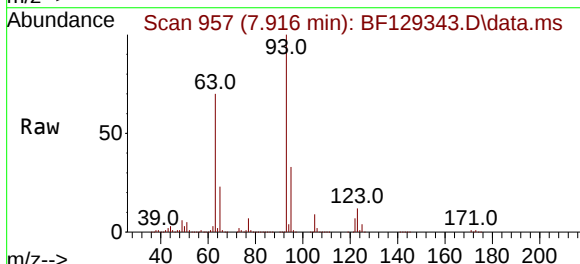
Tgt Ion: 93 Resp: 1068487

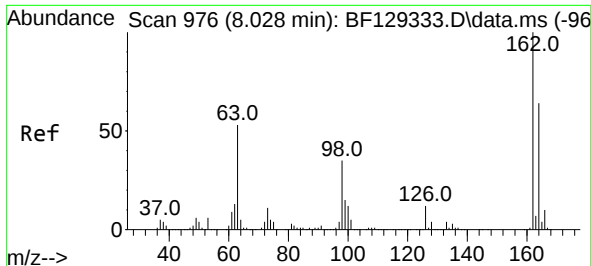
Ion Ratio Lower Upper

93 100

95 33.1 26.8 40.2

123 12.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.441 ng

RT: 8.028 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129343.D

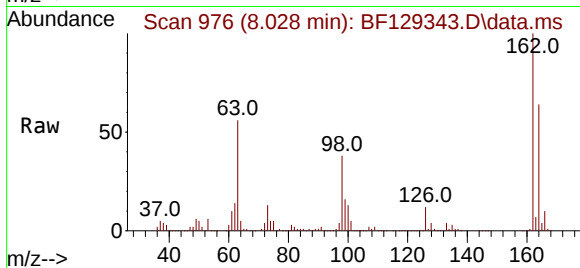
Acq: 25 Jul 2022 21:12

Instrument :

BNA_F

ClientSampleId :

PB146415BS



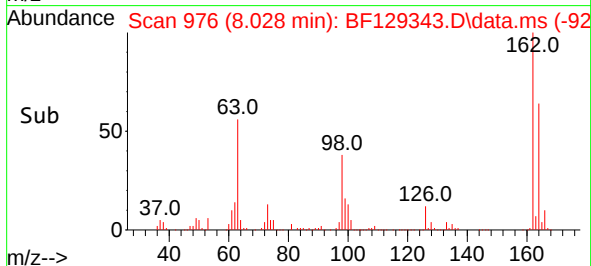
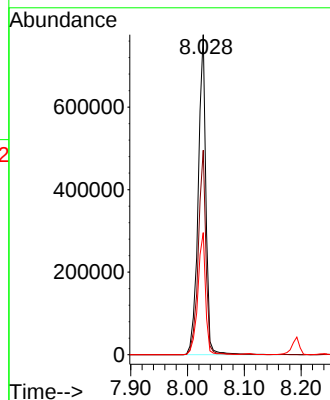
Tgt Ion:162 Resp: 737207

Ion Ratio Lower Upper

162 100

164 63.9 44.2 84.2

98 38.2 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 39.047 ng

RT: 8.110 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF129343.D

Acq: 25 Jul 2022 21:12

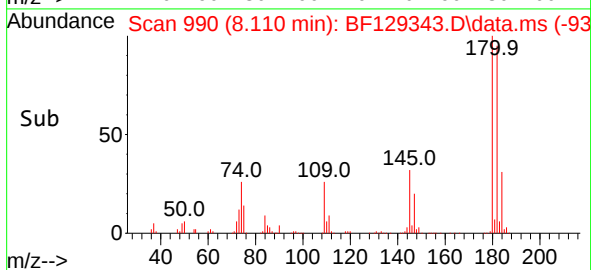
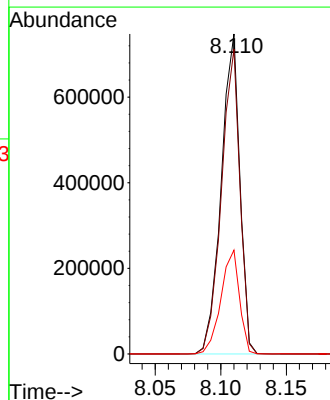
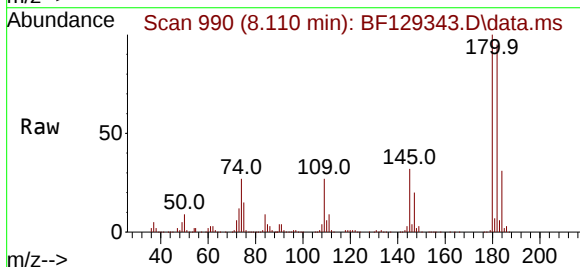
Tgt Ion:180 Resp: 736769

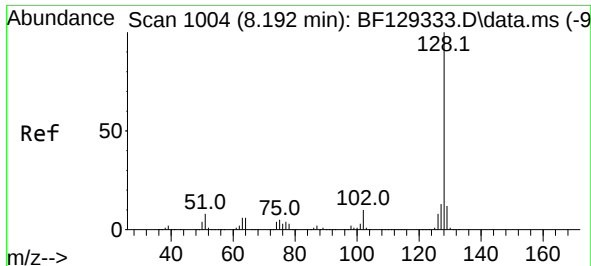
Ion Ratio Lower Upper

180 100

182 95.3 79.2 118.8

145 32.5 26.2 39.2

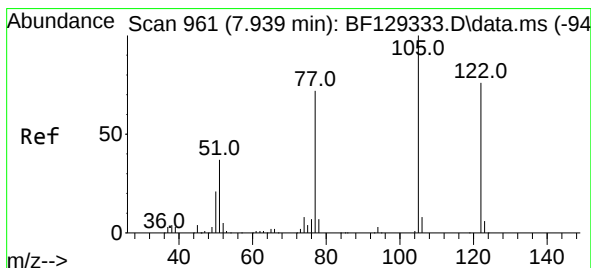
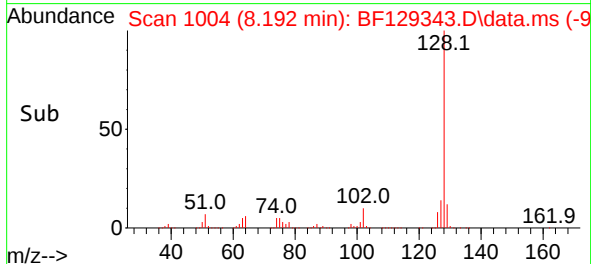
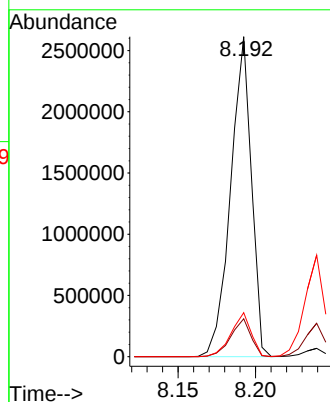
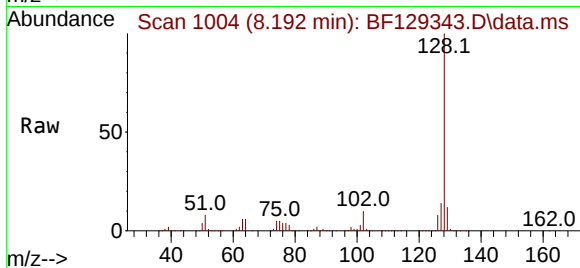




#31
Naphthalene
Concen: 37.845 ng
RT: 8.192 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

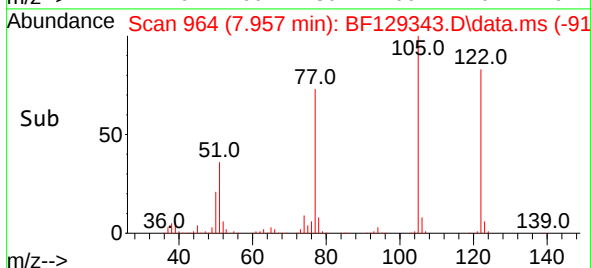
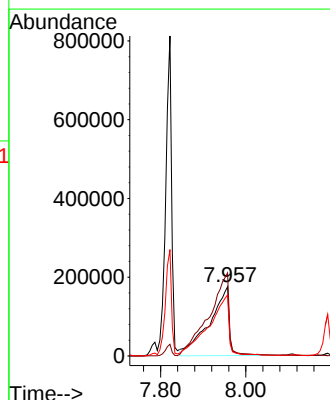
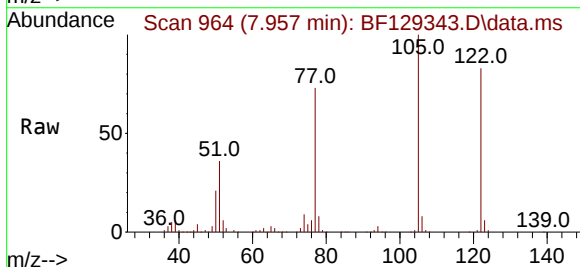
Instrument :
BNA_F
ClientSampleId :
PB146415BS

Tgt Ion:128 Resp: 2432713
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.8 10.5 15.7



#32
Benzoic acid
Concen: 44.427 ng
RT: 7.957 min Scan# 964
Delta R.T. 0.018 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Tgt Ion:122 Resp: 567247
Ion Ratio Lower Upper
122 100
105 120.1 107.1 147.1
77 88.2 74.2 114.2

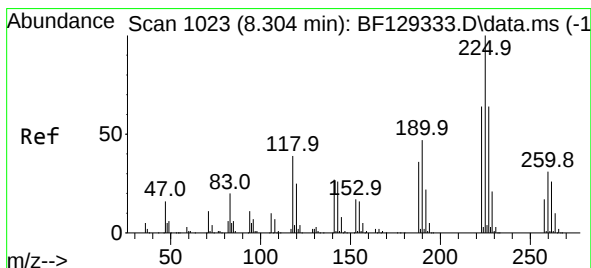
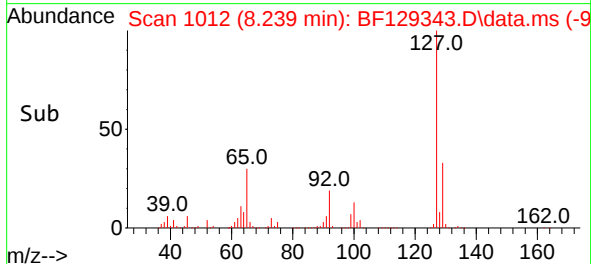
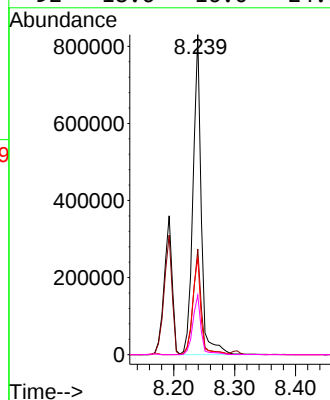
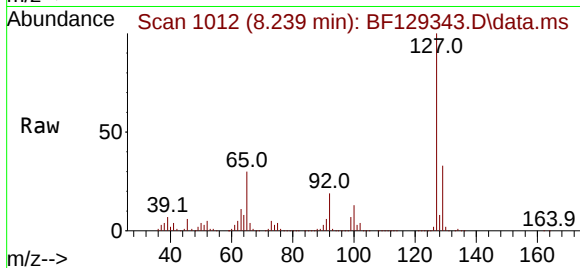




#33
4-Chloroaniline
Concen: 29.422 ng
RT: 8.239 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

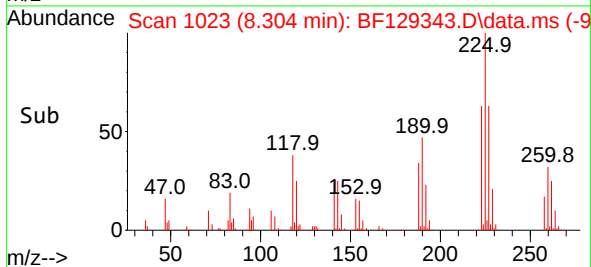
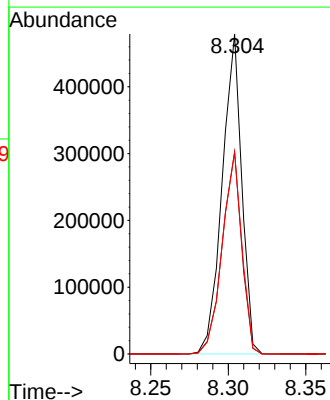
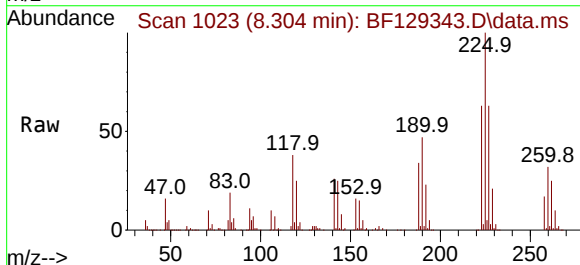
Instrument :
BNA_F
ClientSampleId :
PB146415BS

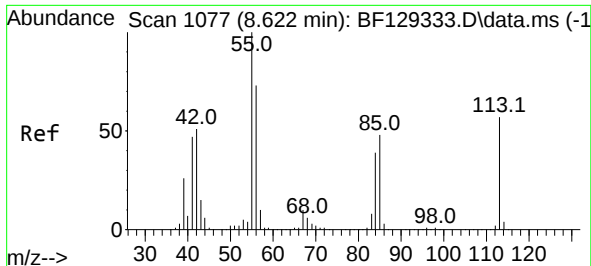
Tgt Ion:	127	Resp:	776470
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.4	39.6
65	30.4	26.4	39.6
92	18.6	16.0	24.0



#34
Hexachlorobutadiene
Concen: 39.093 ng
RT: 8.304 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Tgt Ion:	225	Resp:	419292
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.0	76.6
227	63.1	51.1	76.7

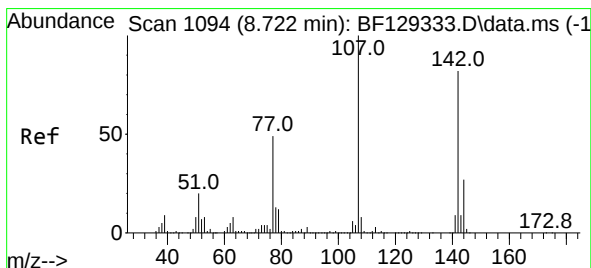
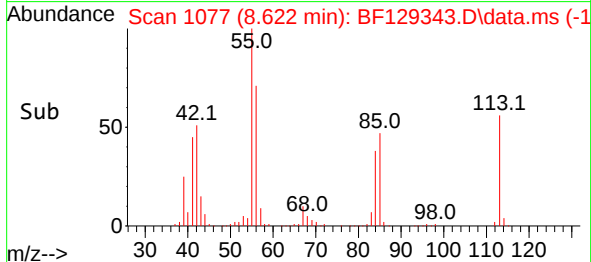
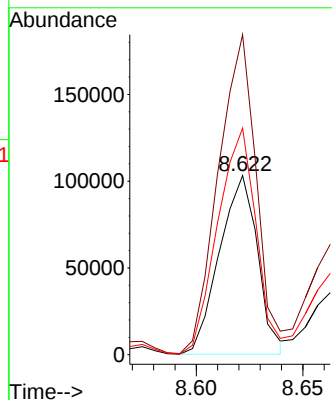
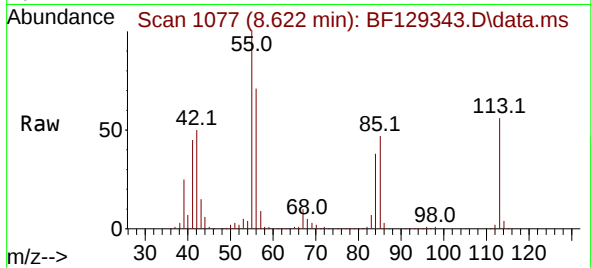




#35
Caprolactam
Concen: 21.674 ng
RT: 8.622 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

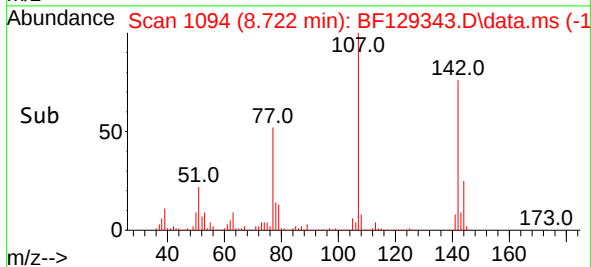
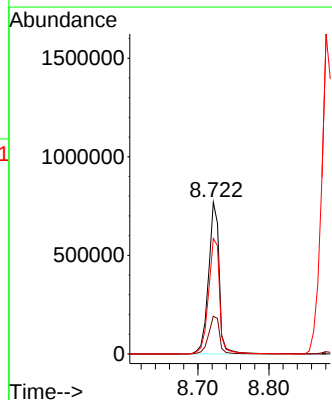
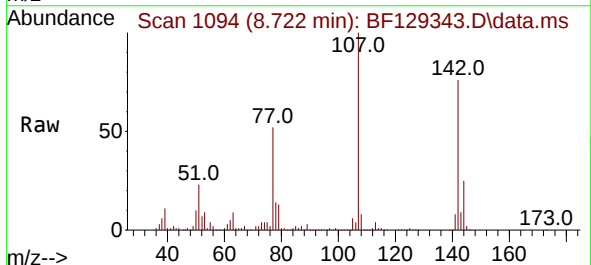
Instrument :
BNA_F
ClientSampleId :
PB146415BS

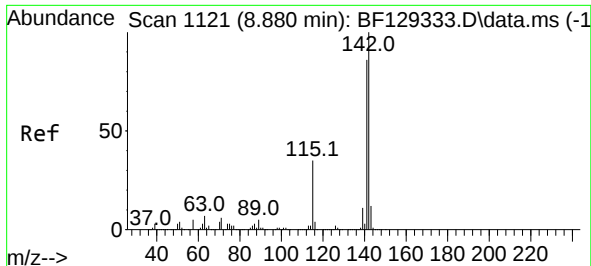
Tgt Ion:113 Resp: 128451
Ion Ratio Lower Upper
113 100
55 178.6 188.5 228.5#
56 126.5 130.6 170.6#



#36
4-Chloro-3-methylphenol
Concen: 41.701 ng
RT: 8.722 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Tgt Ion:107 Resp: 806264
Ion Ratio Lower Upper
107 100
144 24.8 19.5 29.3
142 76.1 58.2 87.4





#37

2-Methylnaphthalene

Concen: 38.795 ng

RT: 8.881 min Scan# 1121

Delta R.T. 0.000 min

Lab File: BF129343.D

Acq: 25 Jul 2022 21:12

Instrument :

BNA_F

ClientSampleId :

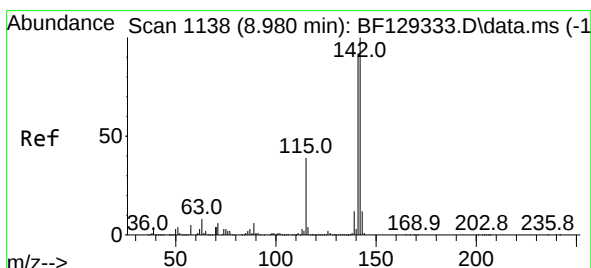
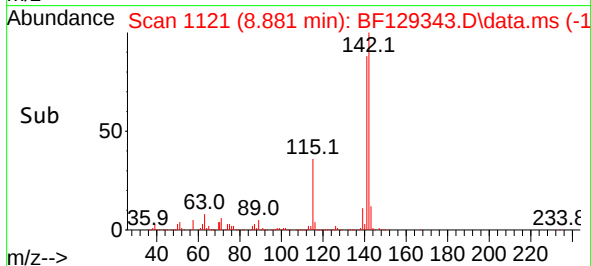
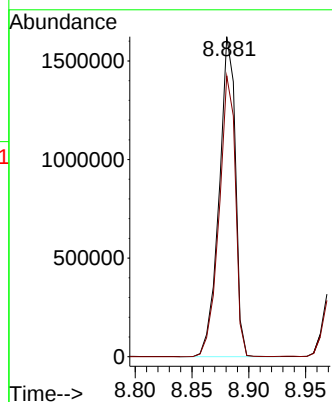
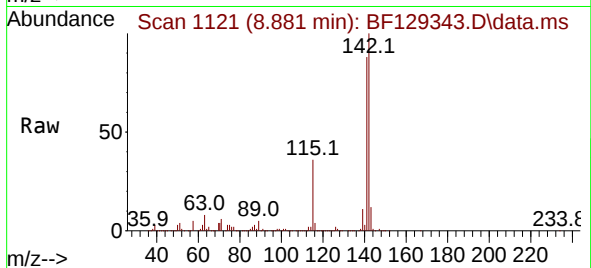
PB146415BS

Tgt Ion:142 Resp: 1620590

Ion Ratio Lower Upper

142 100

141 87.7 71.0 106.4



#38

1-Methylnaphthalene

Concen: 38.339 ng

RT: 8.980 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF129343.D

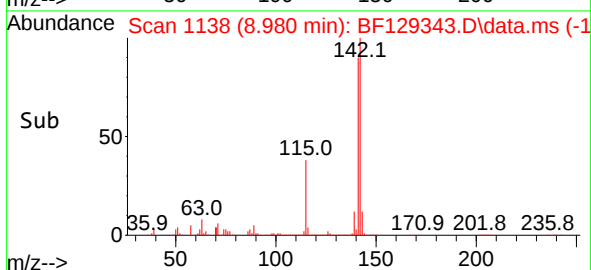
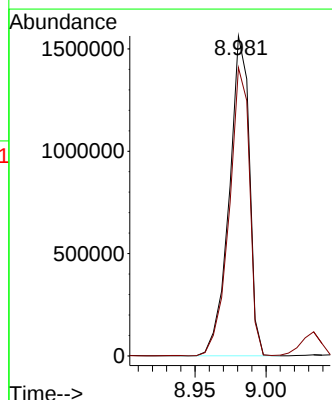
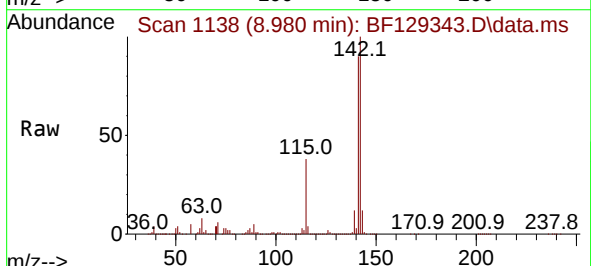
Acq: 25 Jul 2022 21:12

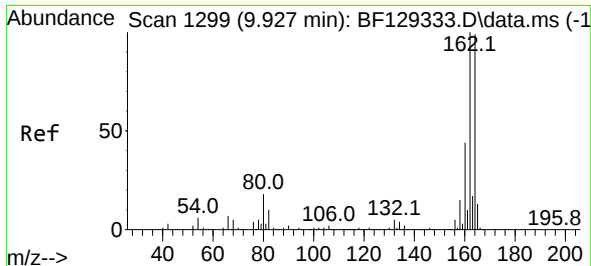
Tgt Ion:142 Resp: 1546060

Ion Ratio Lower Upper

142 100

141 90.1 74.2 111.4

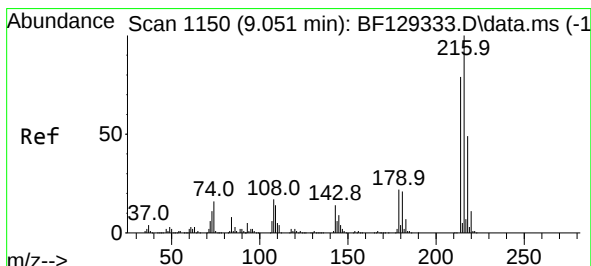
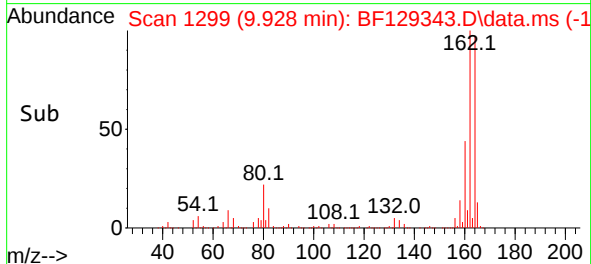
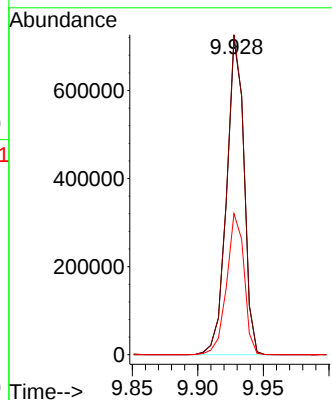
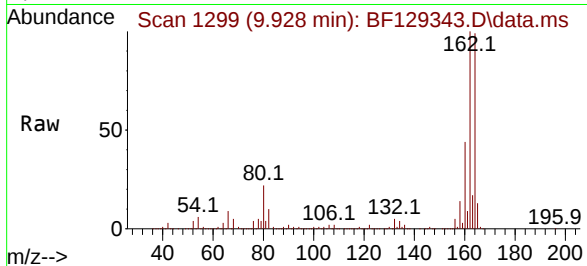




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

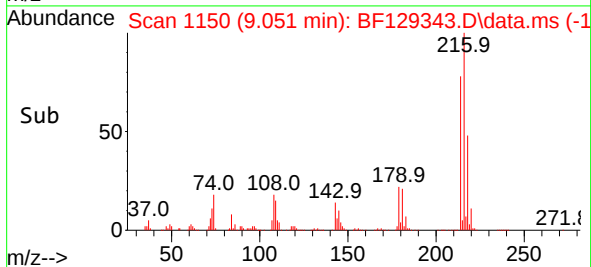
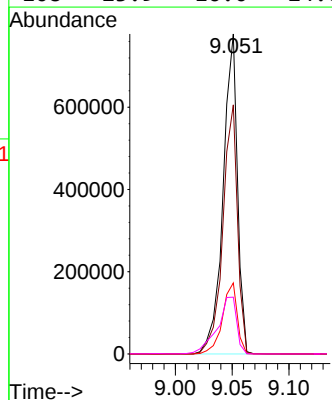
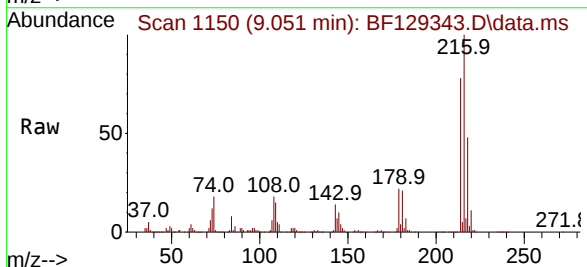
Instrument :
BNA_F
ClientSampleId :
PB146415BS

Tgt Ion:164 Resp: 661196
Ion Ratio Lower Upper
164 100
162 101.4 79.5 119.3
160 44.8 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.672 ng
RT: 9.051 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Tgt Ion:216 Resp: 688771
Ion Ratio Lower Upper
216 100
214 79.2 63.6 95.4
179 22.8 17.0 25.6
108 23.9 16.0 24.0

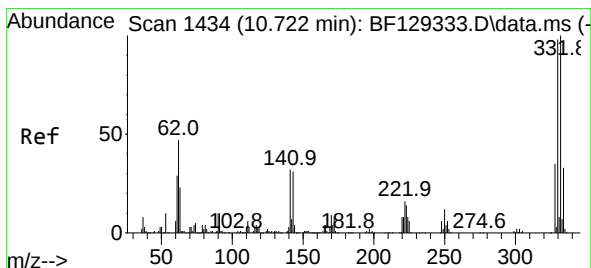
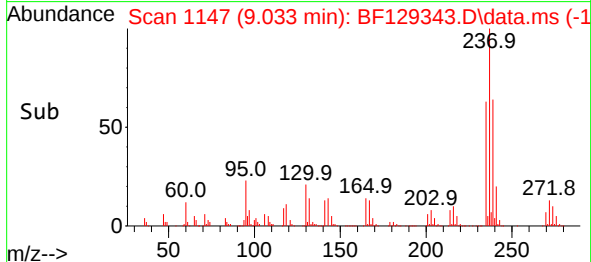
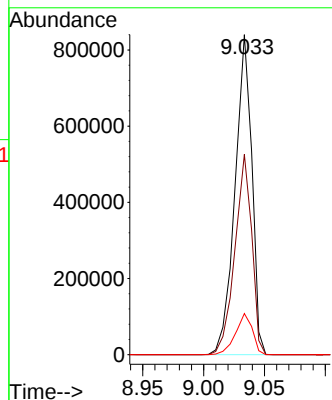
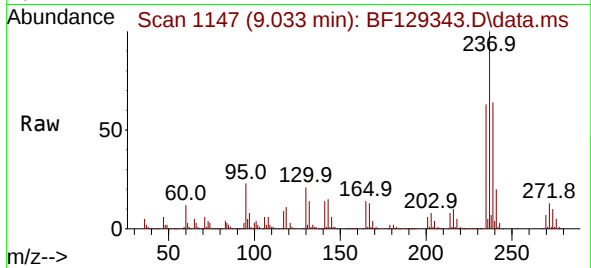




#41
Hexachlorocyclopentadiene
Concen: 104.226 ng
RT: 9.033 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

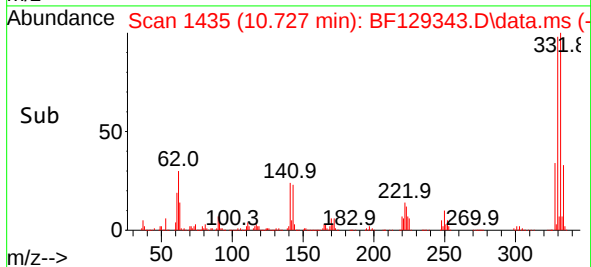
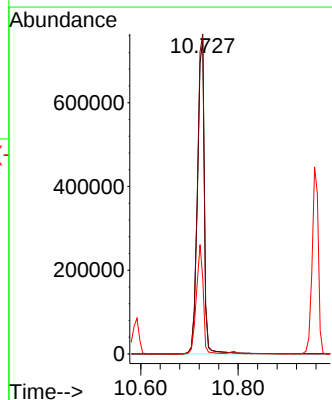
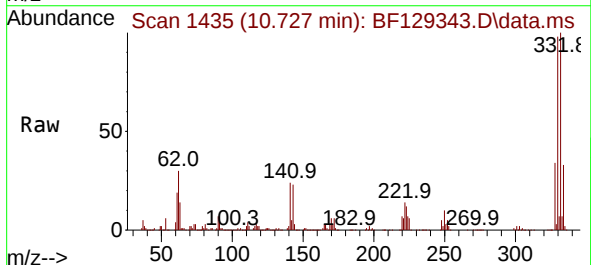
Instrument :
BNA_F
ClientSampleId :
PB146415BS

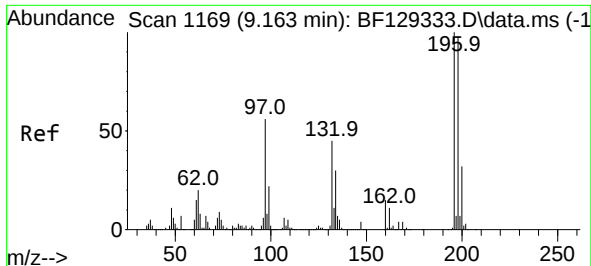
Tgt Ion:237 Resp: 805767
Ion Ratio Lower Upper
237 100
235 62.6 43.2 83.2
272 12.9 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 117.435 ng
RT: 10.727 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Tgt Ion:330 Resp: 746523
Ion Ratio Lower Upper
330 100
332 102.6 76.8 115.2
141 34.2 28.0 42.0

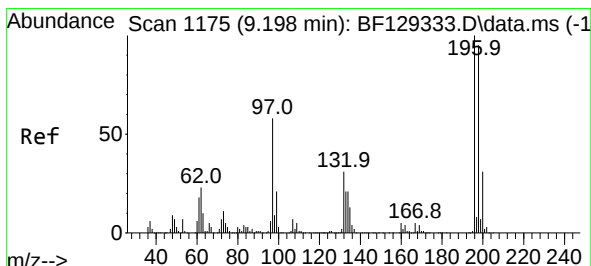
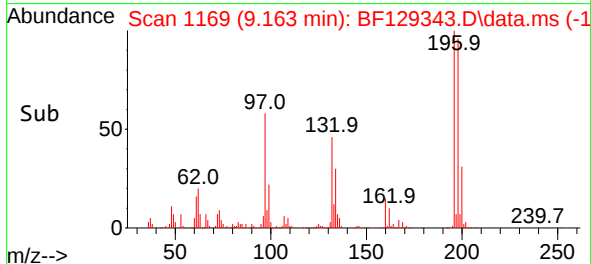
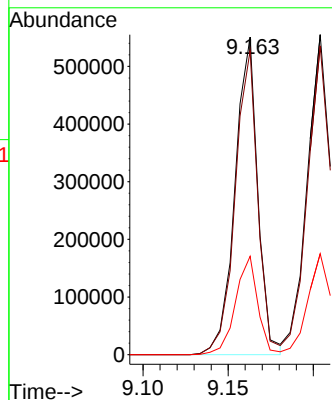
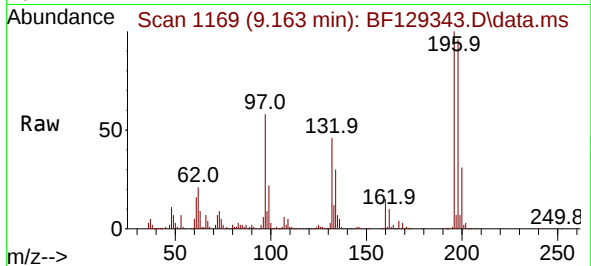




#43
2,4,6-Trichlorophenol
Concen: 40.653 ng
RT: 9.163 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

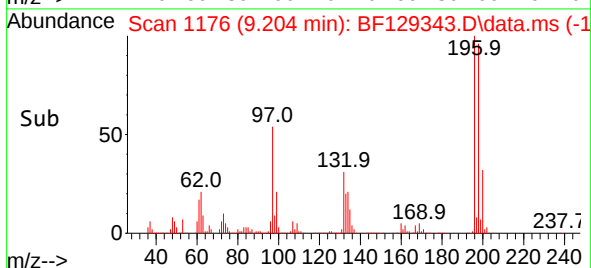
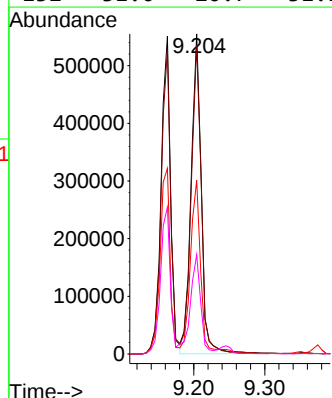
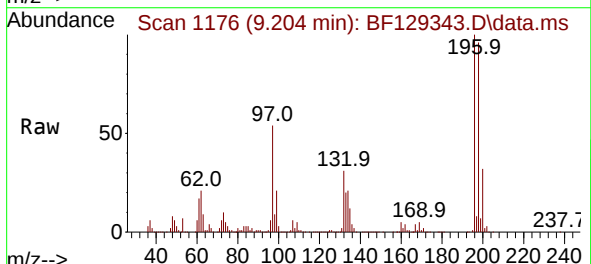
Instrument :
BNA_F
ClientSampleId :
PB146415BS

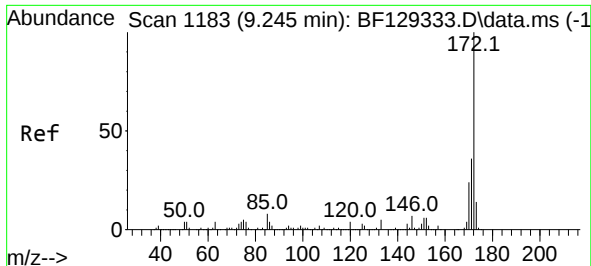
Tgt Ion:196 Resp: 512629
Ion Ratio Lower Upper
196 100
198 95.8 74.0 111.0
200 31.0 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 40.363 ng
RT: 9.204 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Tgt Ion:196 Resp: 553501
Ion Ratio Lower Upper
196 100
198 96.5 75.7 113.5
97 54.3 36.4 54.6
132 31.0 20.7 31.1

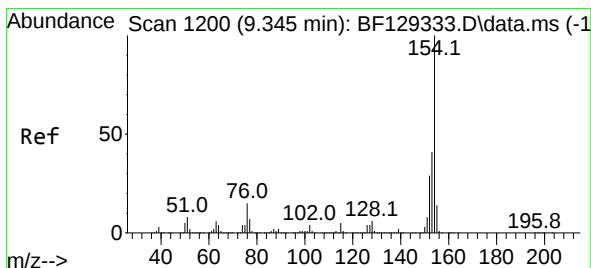
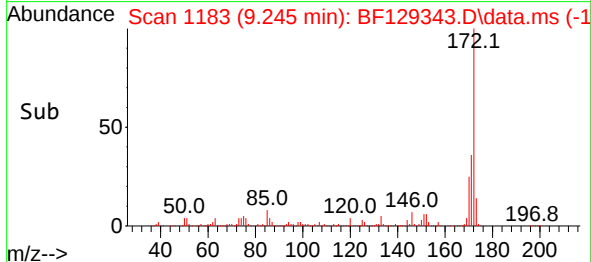
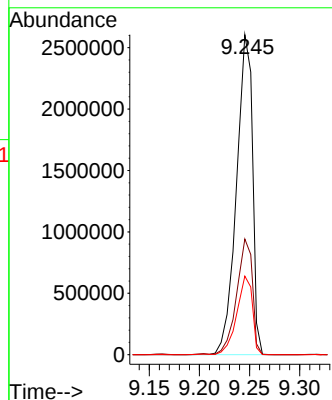
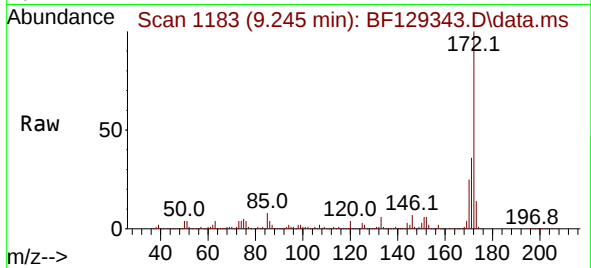




#45
2-Fluorobiphenyl
Concen: 67.814 ng
RT: 9.245 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

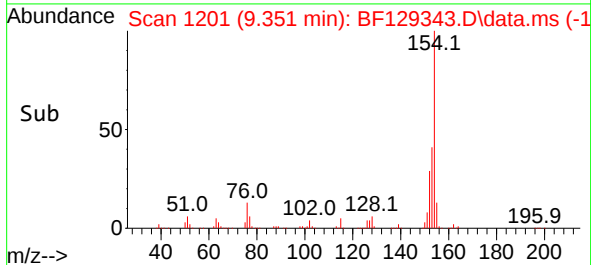
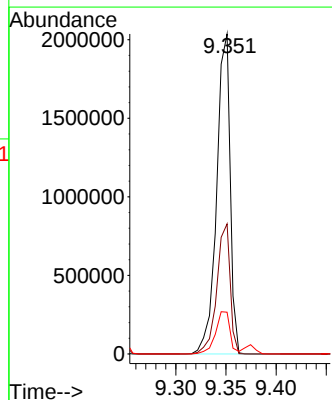
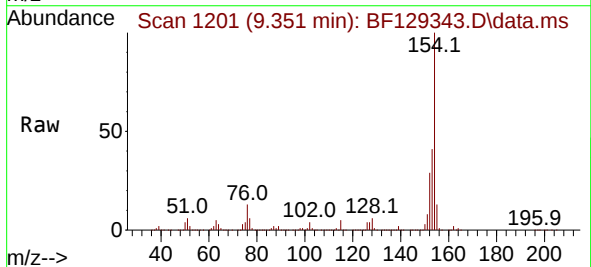
Instrument :
BNA_F
ClientSampleId :
PB146415BS

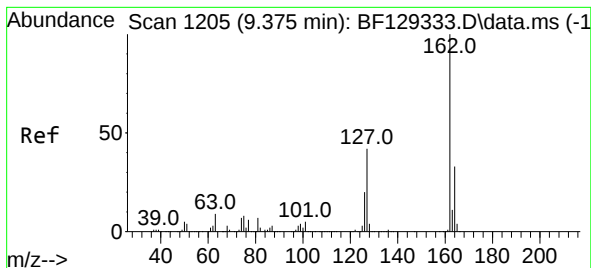
Tgt Ion:172 Resp: 2898504
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.6 19.8 29.8



#46
1,1'-Biphenyl
Concen: 39.512 ng
RT: 9.351 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Tgt Ion:154 Resp: 1906626
Ion Ratio Lower Upper
154 100
153 40.6 20.6 60.6
76 13.0 0.0 33.3





#47

2-Chloronaphthalene

Concen: 38.898 ng

RT: 9.375 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BF129343.D

Acq: 25 Jul 2022 21:12

Instrument :

BNA_F

ClientSampleId :

PB146415BS

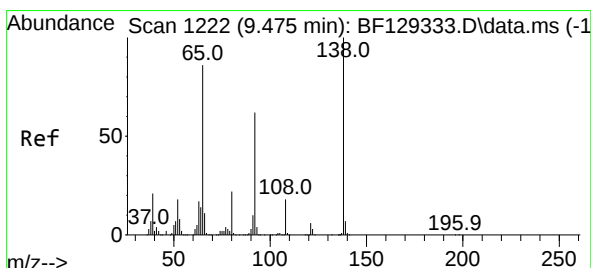
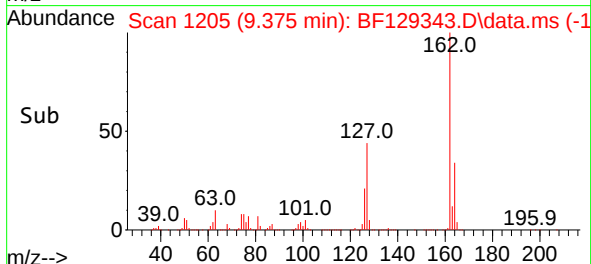
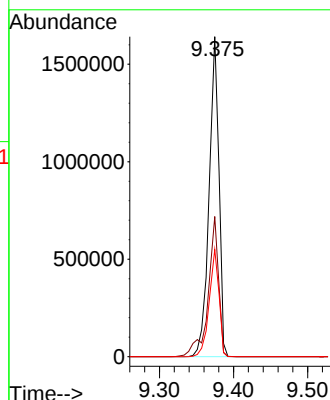
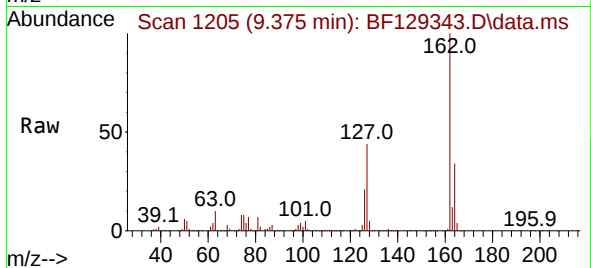
Tgt Ion:162 Resp: 1517351

Ion Ratio Lower Upper

162 100

127 43.8 34.5 51.7

164 33.5 26.5 39.7



#48

2-Nitroaniline

Concen: 40.477 ng

RT: 9.475 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF129343.D

Acq: 25 Jul 2022 21:12

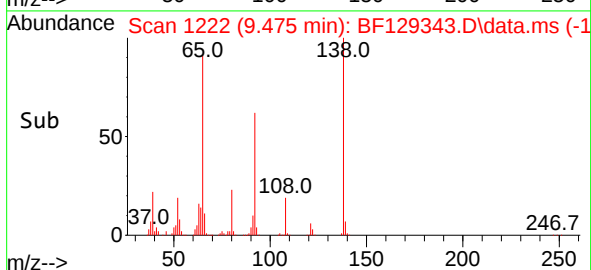
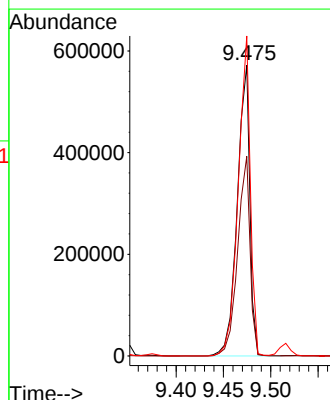
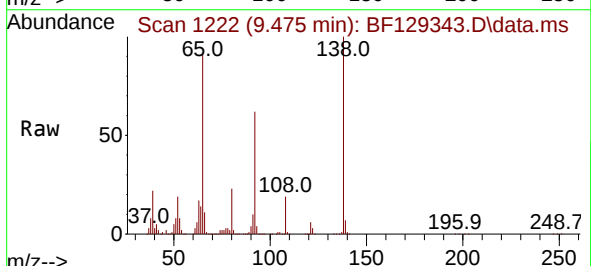
Tgt Ion: 65 Resp: 525041

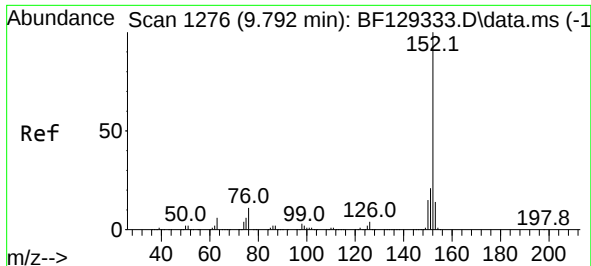
Ion Ratio Lower Upper

65 100

92 68.7 51.9 77.9

138 110.0 76.4 114.6

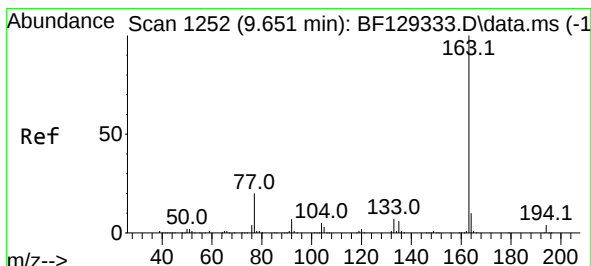
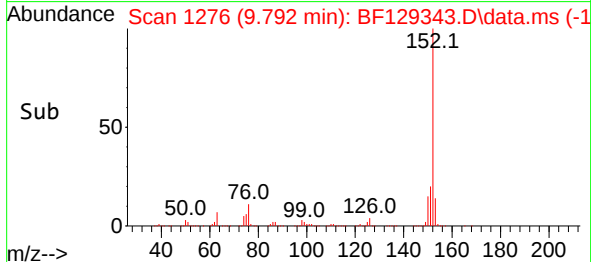
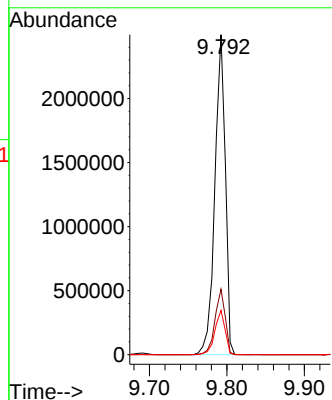
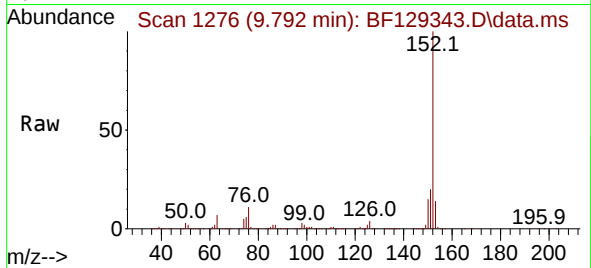




#49
Acenaphthylene
Concen: 39.488 ng
RT: 9.792 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

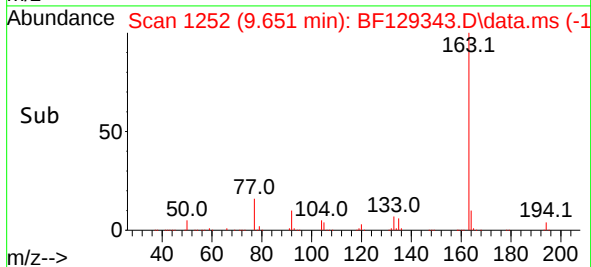
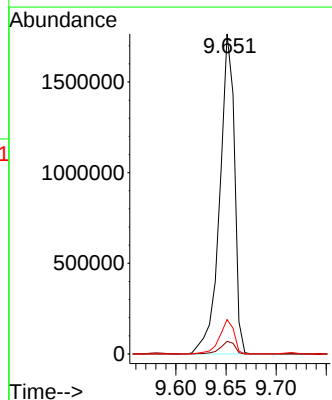
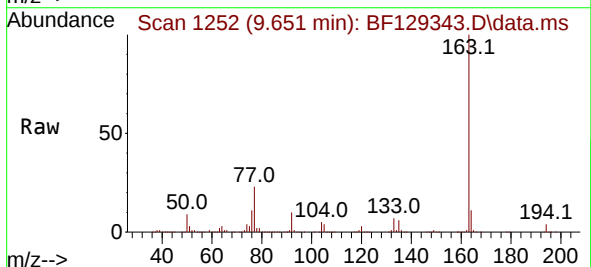
Instrument :
BNA_F
ClientSampleId :
PB146415BS

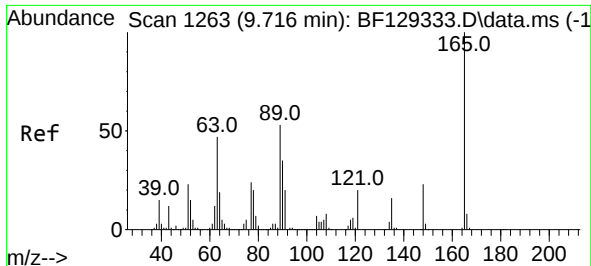
Tgt Ion:152 Resp: 2340569
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.8 10.7 16.1



#50
Dimethylphthalate
Concen: 39.489 ng
RT: 9.651 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Tgt Ion:163 Resp: 1802455
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.7 8.2 12.2

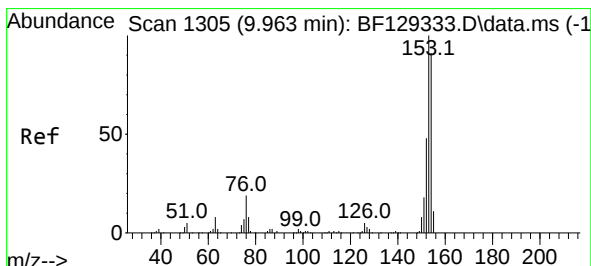
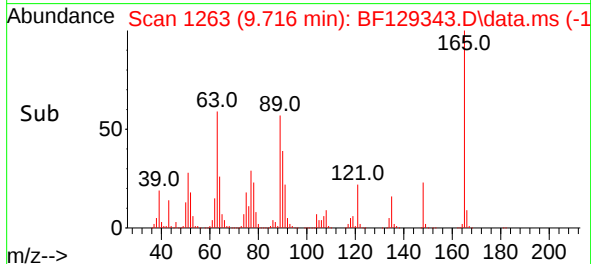
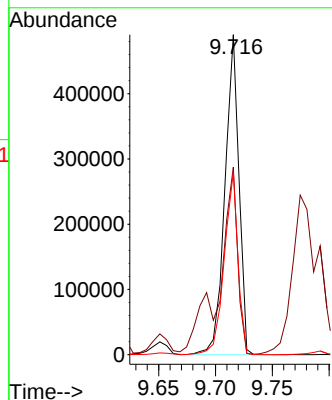
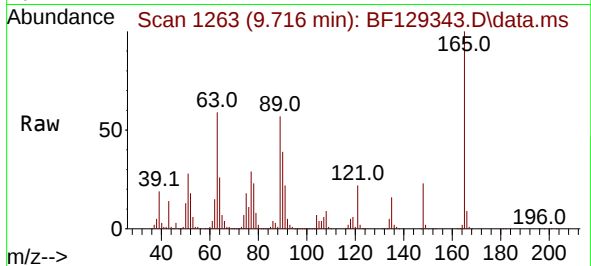




#51
2,6-Dinitrotoluene
Concen: 41.179 ng
RT: 9.716 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

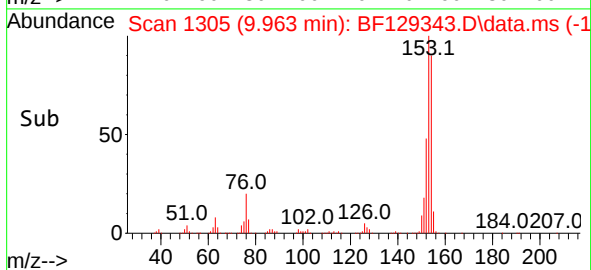
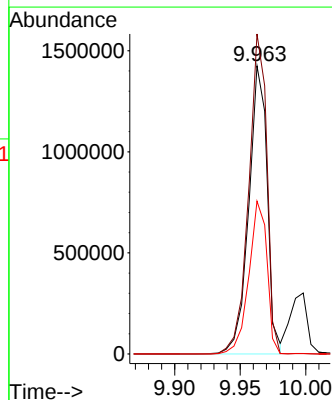
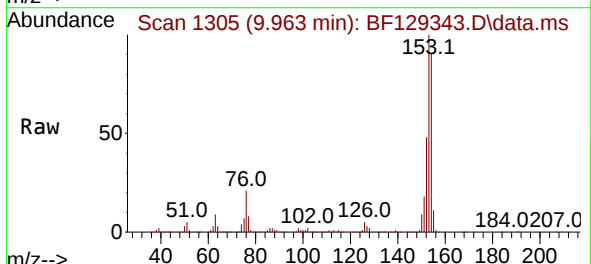
Instrument :
BNA_F
ClientSampleId :
PB146415BS

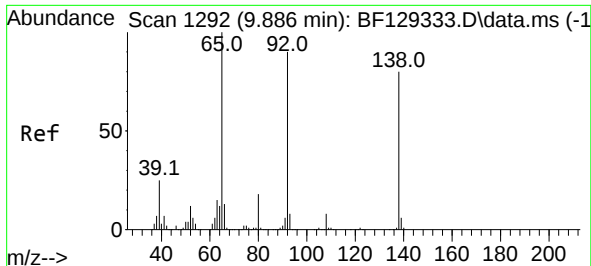
Tgt Ion:165 Resp: 420688
Ion Ratio Lower Upper
165 100
63 58.6 44.9 67.3
89 57.0 43.6 65.4



#52
Acenaphthene
Concen: 35.945 ng
RT: 9.963 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Tgt Ion:154 Resp: 1391592
Ion Ratio Lower Upper
154 100
153 111.0 89.6 134.4
152 53.0 42.4 63.6

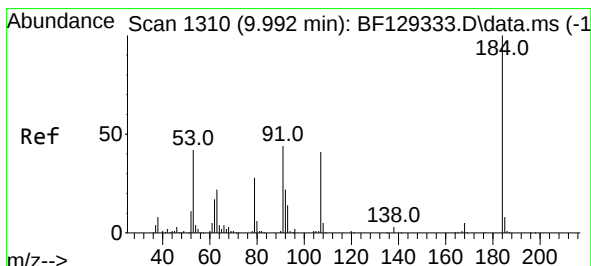
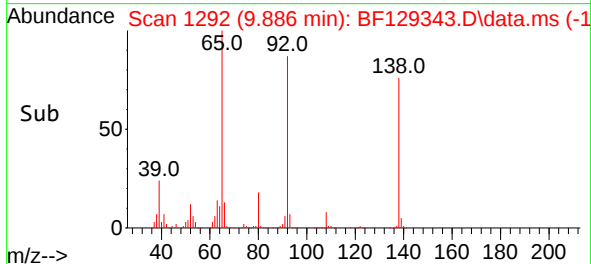
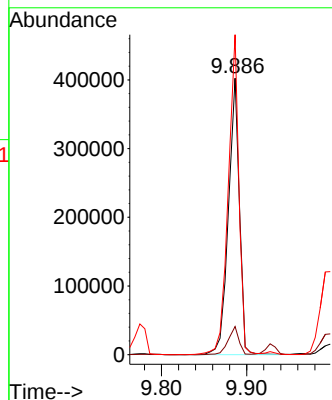
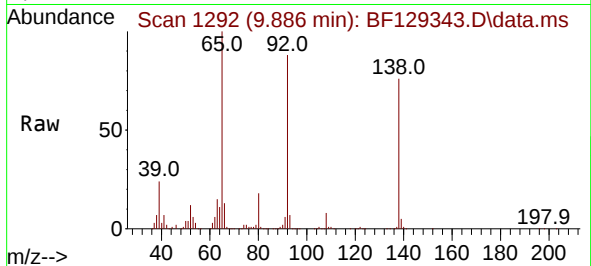




#53
3-Nitroaniline
Concen: 29.930 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

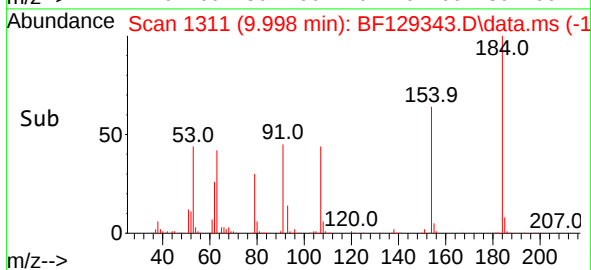
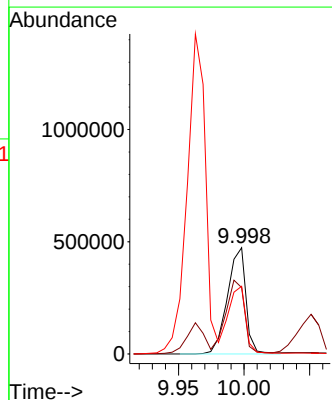
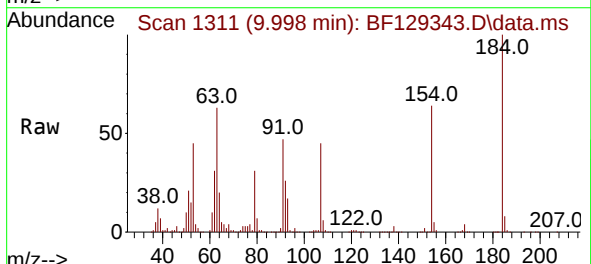
Instrument :
BNA_F
ClientSampleId :
PB146415BS

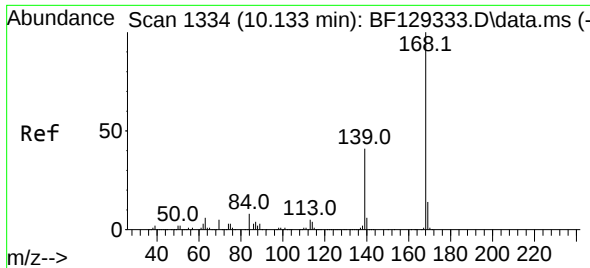
Tgt Ion:138 Resp: 361066
Ion Ratio Lower Upper
138 100
108 10.2 10.9 16.3#
92 115.7 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 89.322 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Tgt Ion:184 Resp: 465842
Ion Ratio Lower Upper
184 100
63 62.5 64.5 96.7#
154 63.8 50.6 75.8

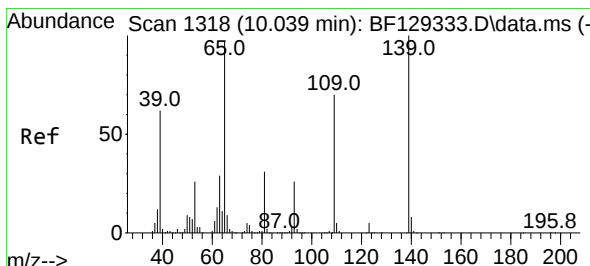
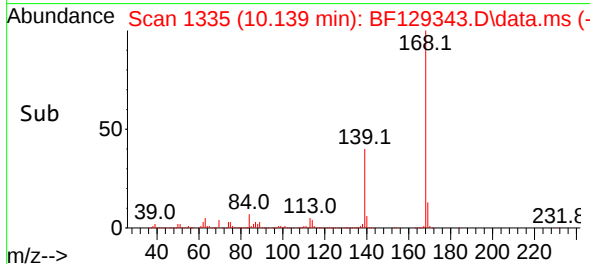
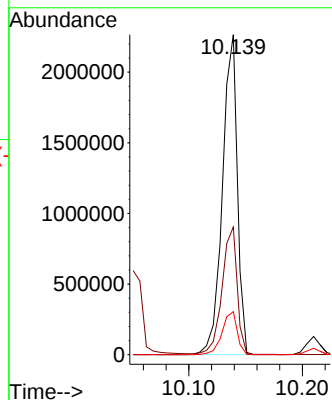
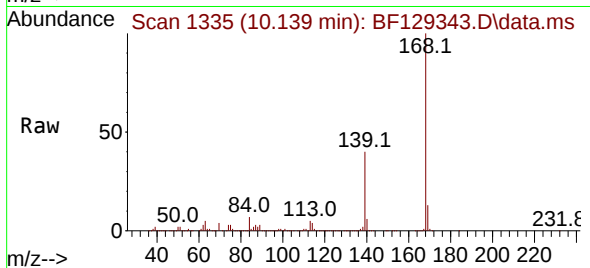




#55
Dibenzenofuran
Concen: 38.761 ng
RT: 10.139 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

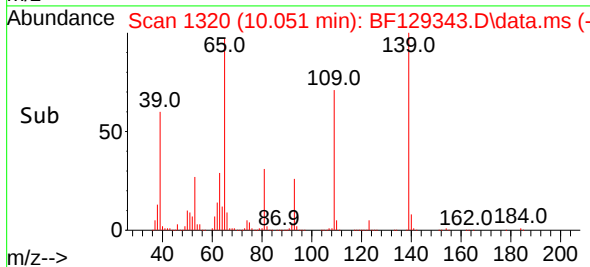
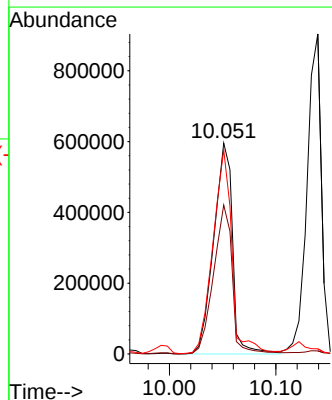
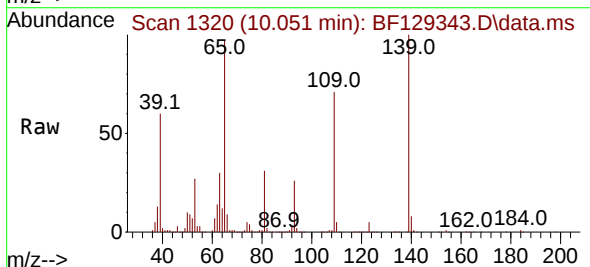
Instrument :
BNA_F
ClientSampleId :
PB146415BS

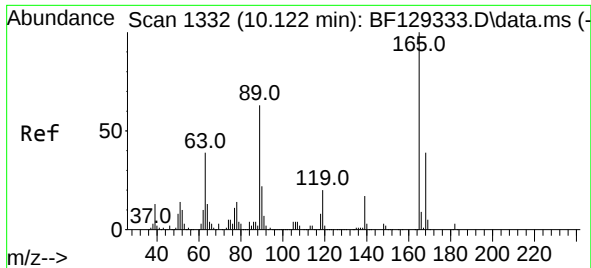
Tgt Ion:168 Resp: 2068624
Ion Ratio Lower Upper
168 100
139 39.9 30.6 46.0
169 13.5 11.0 16.6



#56
4-Nitrophenol
Concen: 82.078 ng
RT: 10.051 min Scan# 1320
Delta R.T. 0.012 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Tgt Ion:139 Resp: 730484
Ion Ratio Lower Upper
139 100
109 70.6 50.7 90.7
65 96.8 74.5 114.5

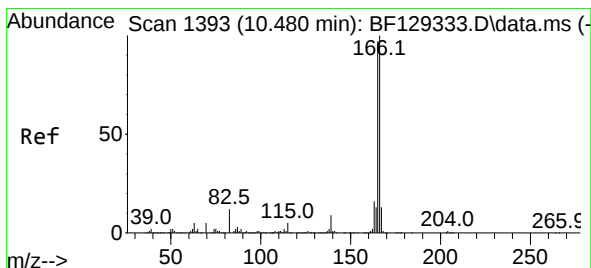
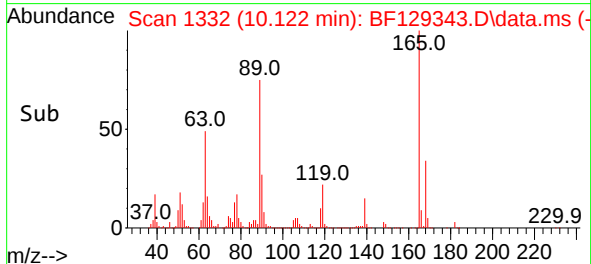
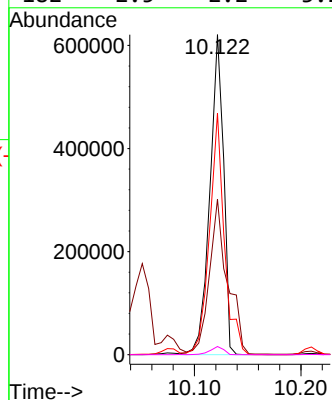
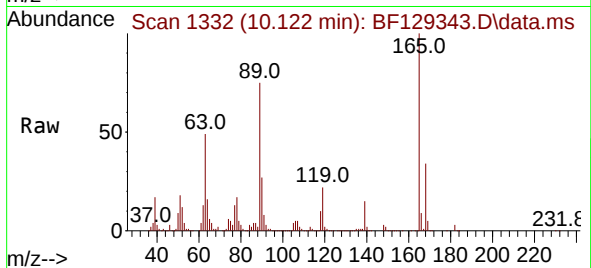




#57
2,4-Dinitrotoluene
Concen: 41.776 ng
RT: 10.122 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

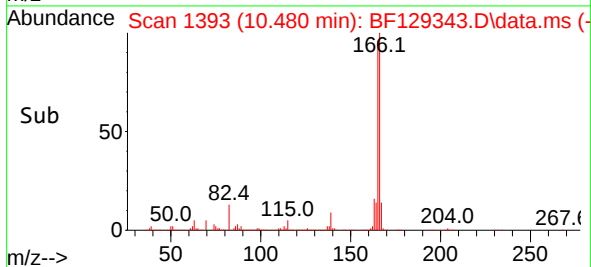
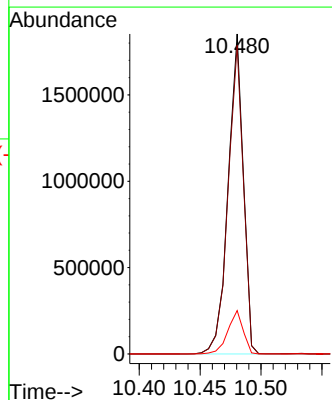
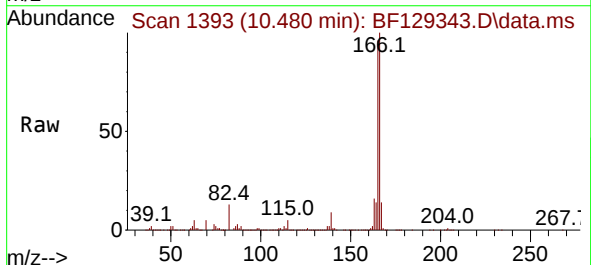
Instrument :
BNA_F
ClientSampleId :
PB146415BS

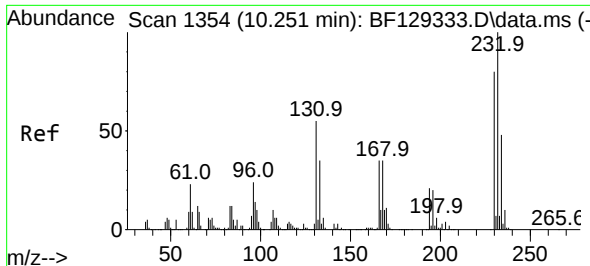
Tgt Ion:165 Resp: 557541
Ion Ratio Lower Upper
165 100
63 48.6 39.8 59.6
89 75.5 60.2 90.2
182 2.5 2.2 3.2



#58
Fluorene
Concen: 37.749 ng
RT: 10.480 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Tgt Ion:166 Resp: 1611934
Ion Ratio Lower Upper
166 100
165 96.5 78.1 117.1
167 13.6 10.5 15.7

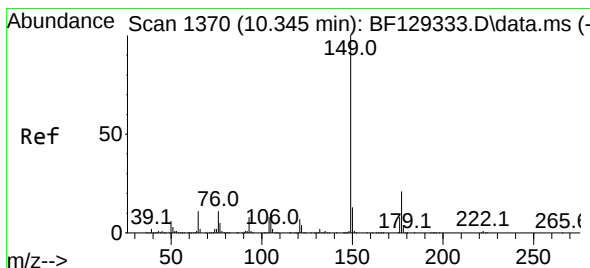
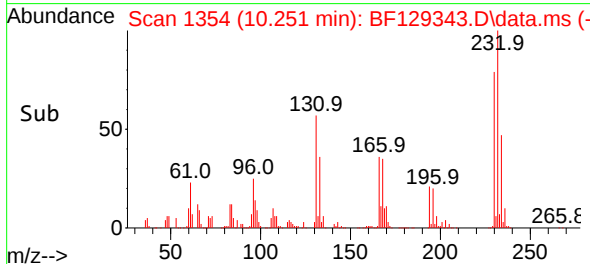
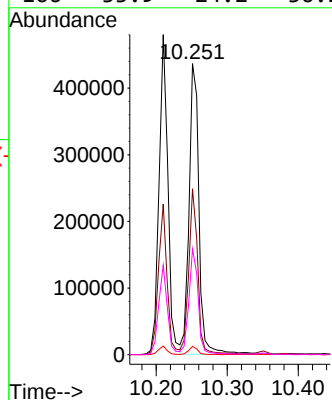
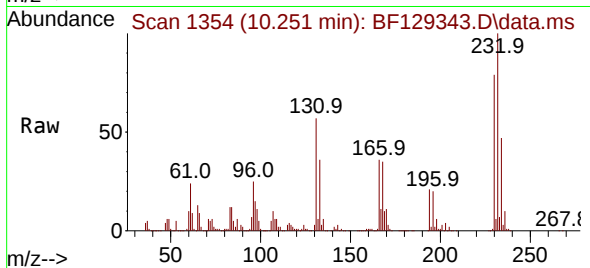




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.688 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

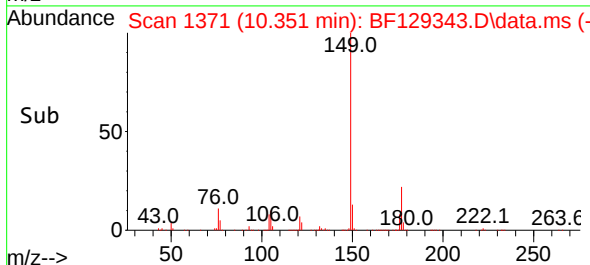
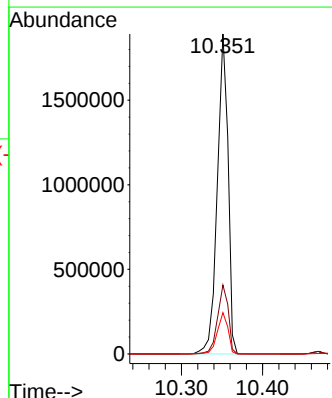
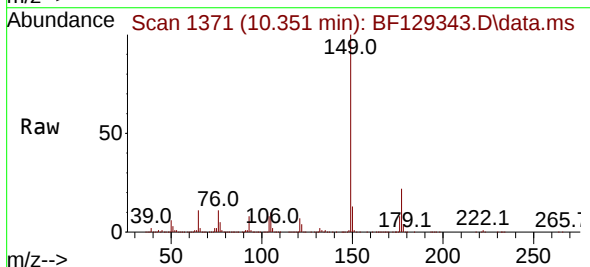
Instrument :
BNA_F
ClientSampleId :
PB146415BS

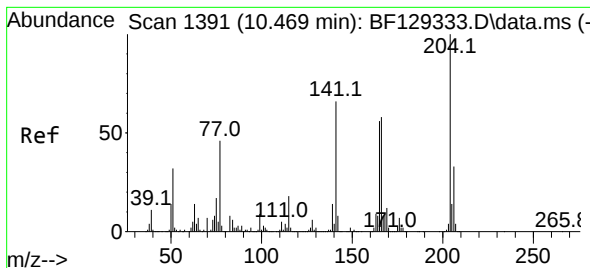
Tgt Ion:232 Resp: 420583
Ion Ratio Lower Upper
232 100
131 51.2 36.1 54.1
130 2.6 1.8 2.8
166 33.9 24.2 36.2



#60
Diethylphthalate
Concen: 39.390 ng
RT: 10.351 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Tgt Ion:149 Resp: 1738061
Ion Ratio Lower Upper
149 100
177 21.5 17.3 25.9
150 12.9 10.2 15.2

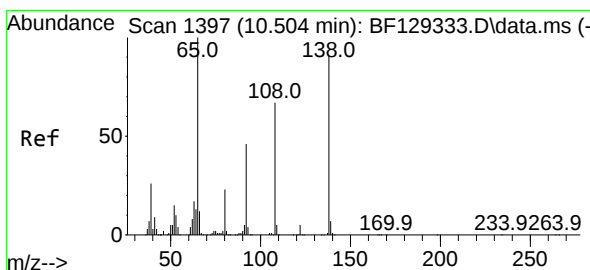
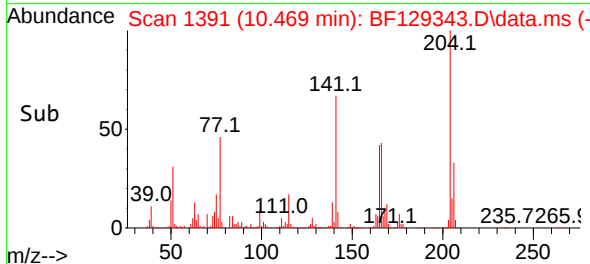
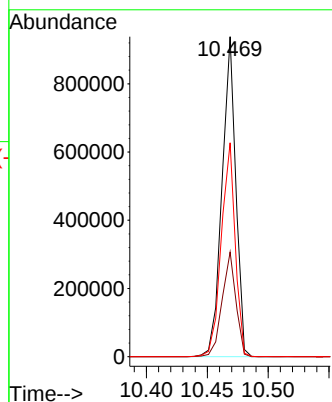
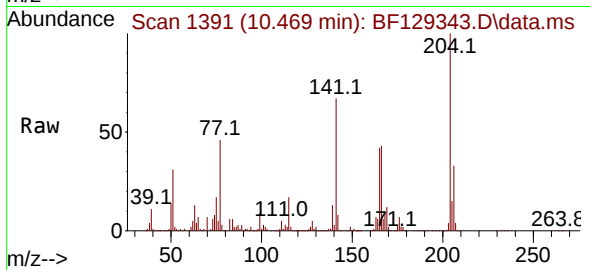




#61
4-Chlorophenyl-phenylether
Concen: 39.349 ng
RT: 10.469 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

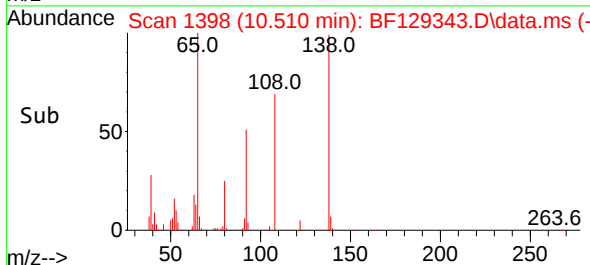
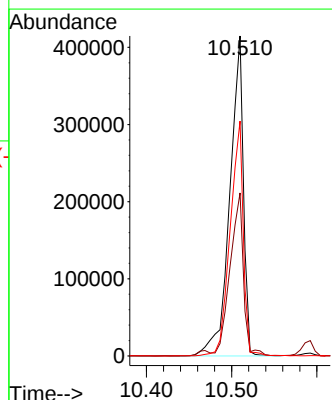
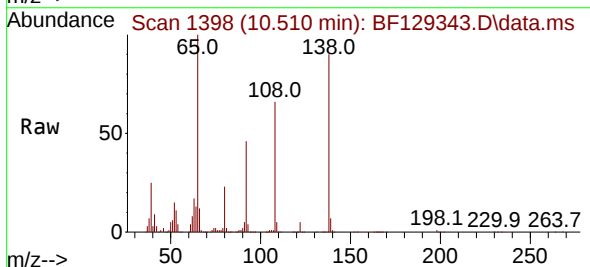
Instrument :
BNA_F
ClientSampleId :
PB146415BS

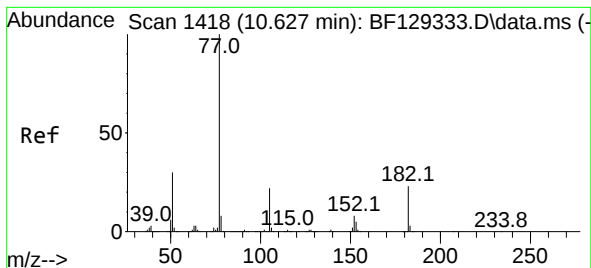
Tgt Ion:204 Resp: 740747
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 66.9 47.0 70.4



#62
4-Nitroaniline
Concen: 38.558 ng
RT: 10.510 min Scan# 1398
Delta R.T. 0.006 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Tgt Ion:138 Resp: 461440
Ion Ratio Lower Upper
138 100
92 50.9 33.5 73.5
108 73.4 61.0 101.0





#63

Azobenzene

Concen: 38.878 ng

RT: 10.627 min Scan# 1418

Delta R.T. 0.000 min

Lab File: BF129343.D

Acq: 25 Jul 2022 21:12

Instrument :

BNA_F

ClientSampleId :

PB146415BS

Tgt Ion: 77 Resp: 1749703

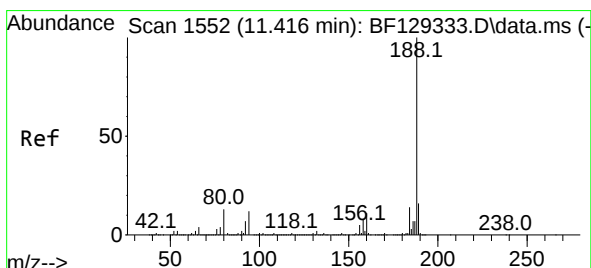
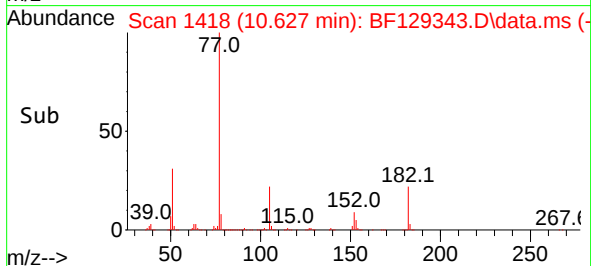
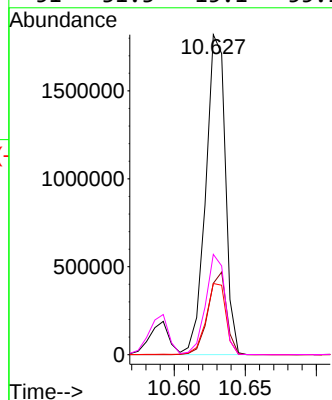
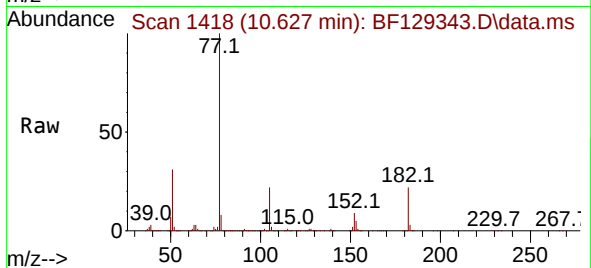
Ion Ratio Lower Upper

77 100

182 22.3 5.6 45.6

105 22.2 1.6 41.6

51 31.3 15.1 55.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1553

Delta R.T. 0.006 min

Lab File: BF129343.D

Acq: 25 Jul 2022 21:12

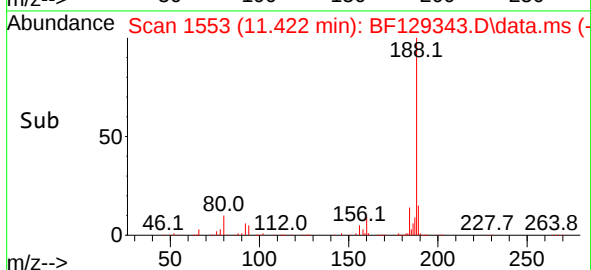
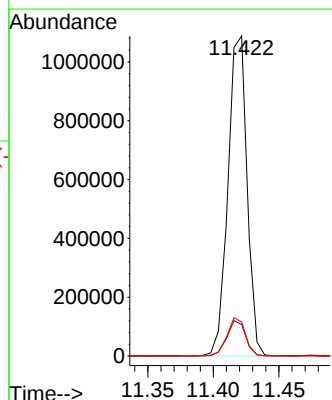
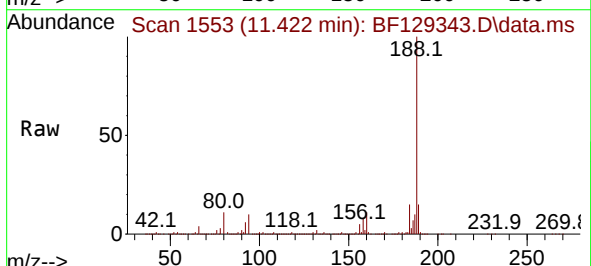
Tgt Ion: 188 Resp: 1102943

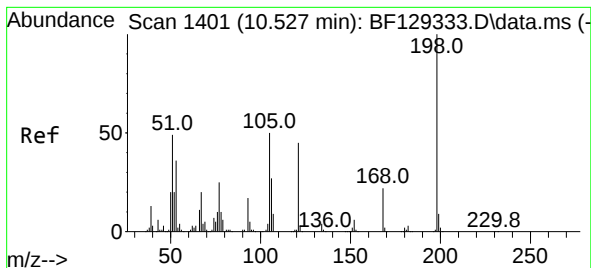
Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.6

80 10.7 7.6 11.4

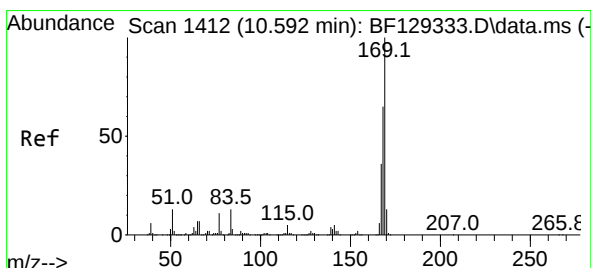
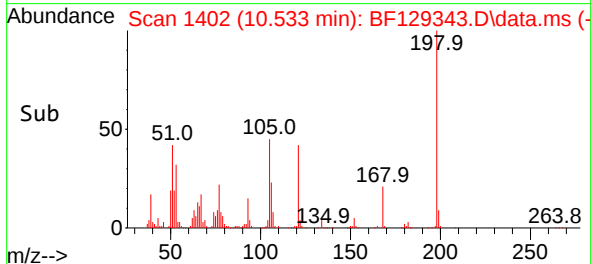
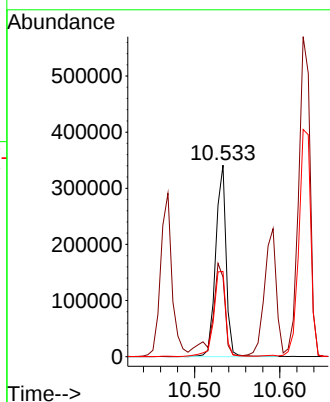
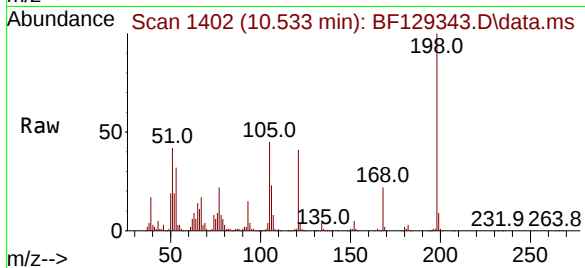




#65
4,6-Dinitro-2-methylphenol
Concen: 41.725 ng
RT: 10.533 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

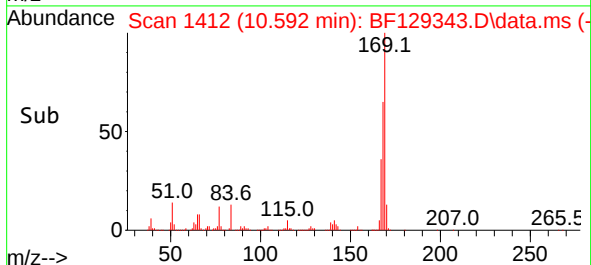
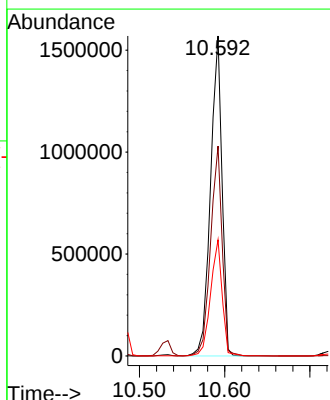
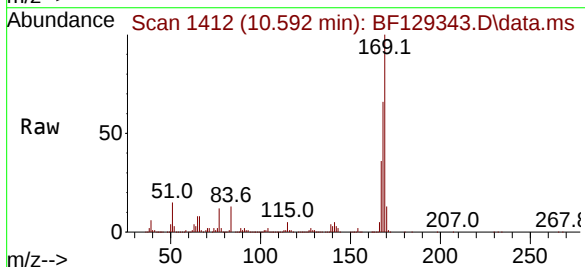
Instrument :
BNA_F
ClientSampleId :
PB146415BS

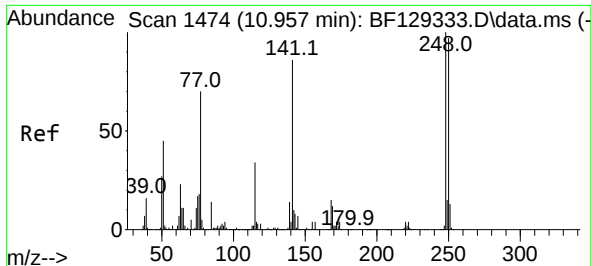
Tgt Ion:198 Resp: 290472
Ion Ratio Lower Upper
198 100
51 41.6 37.6 77.6
105 44.6 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 39.996 ng
RT: 10.592 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Tgt Ion:169 Resp: 1469093
Ion Ratio Lower Upper
169 100
168 65.6 50.1 75.1
167 36.3 27.9 41.9

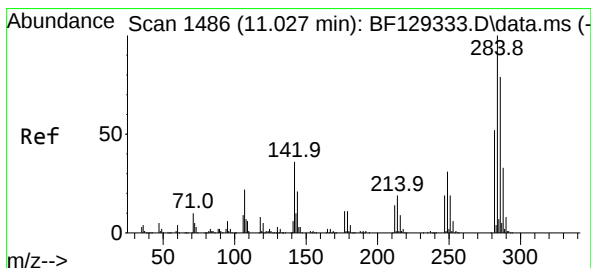
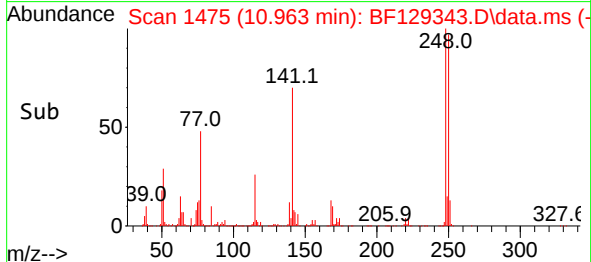
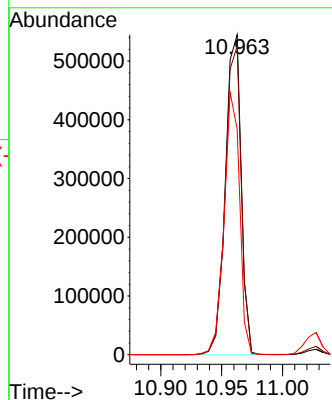
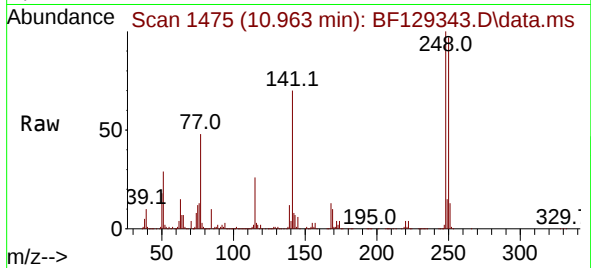




#67
4-Bromophenyl-phenylether
Concen: 41.161 ng
RT: 10.963 min Scan# 1475
Delta R.T. 0.006 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

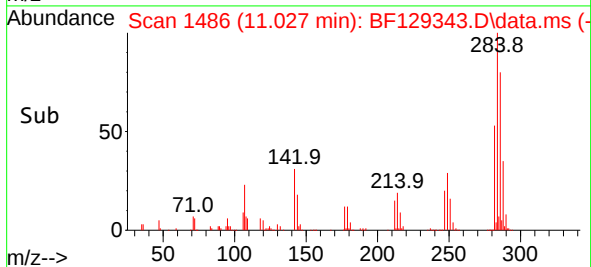
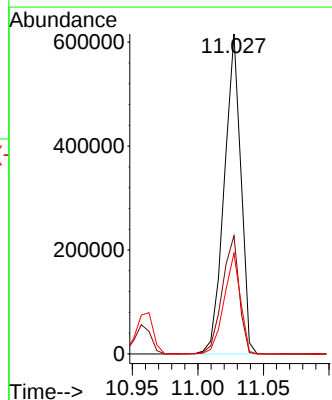
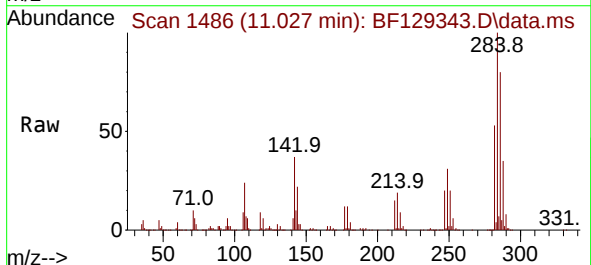
Instrument :
BNA_F
ClientSampleId :
PB146415BS

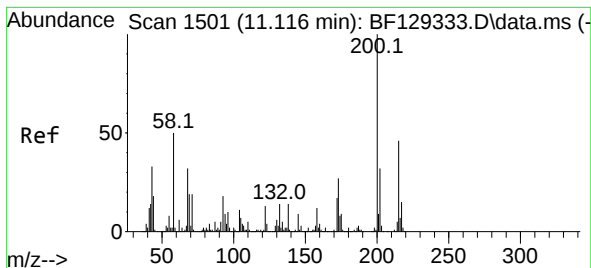
Tgt Ion:248 Resp: 497129
Ion Ratio Lower Upper
248 100
250 96.5 80.6 120.8
141 70.5 58.9 88.3



#68
Hexachlorobenzene
Concen: 41.268 ng
RT: 11.027 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Tgt Ion:284 Resp: 540055
Ion Ratio Lower Upper
284 100
142 36.9 29.0 43.4
249 31.4 25.0 37.6





#69

Atrazine

Concen: 44.130 ng

RT: 11.122 min Scan# 1519

Delta R.T. 0.006 min

Lab File: BF129343.D

Acq: 25 Jul 2022 21:12

Instrument :

BNA_F

ClientSampleId :

PB146415BS

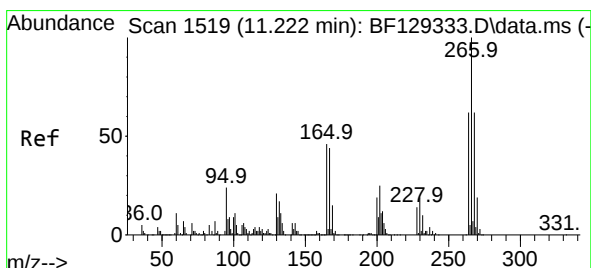
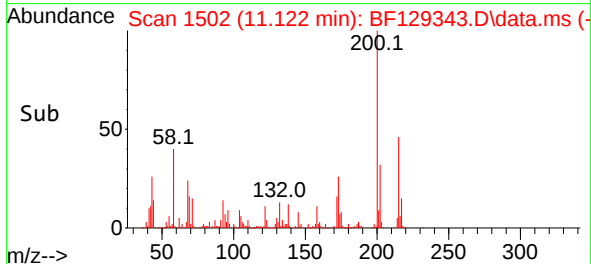
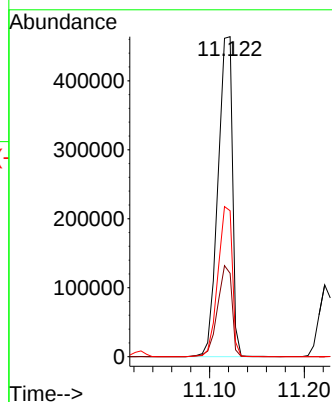
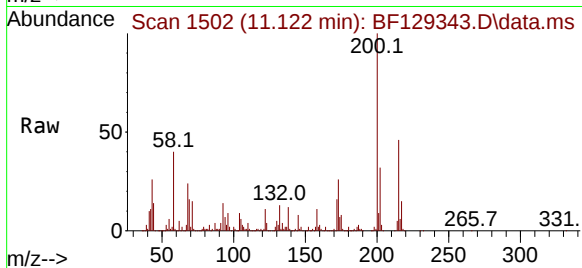
Tgt Ion:200 Resp: 492340

Ion Ratio Lower Upper

200 100

173 26.0 6.3 46.3

215 45.6 28.3 68.3



#70

Pentachlorophenol

Concen: 82.112 ng

RT: 11.222 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF129343.D

Acq: 25 Jul 2022 21:12

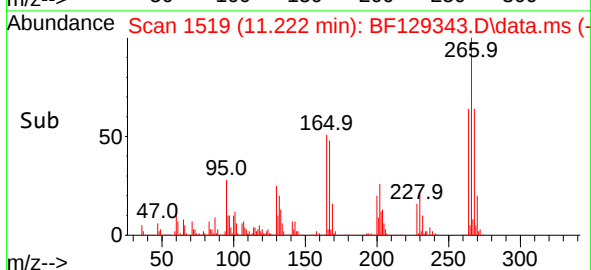
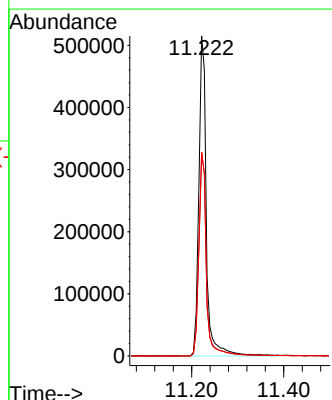
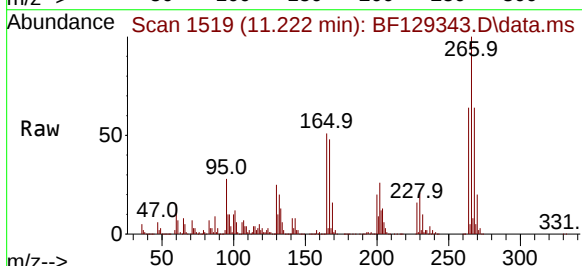
Tgt Ion:266 Resp: 584156

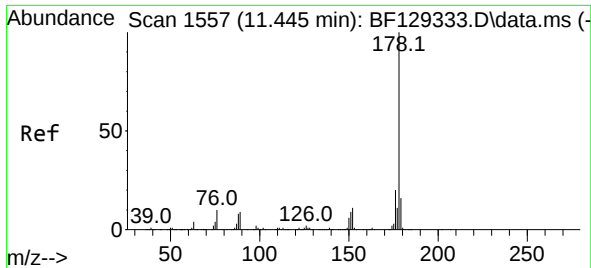
Ion Ratio Lower Upper

266 100

268 63.6 51.0 76.4

264 63.7 49.4 74.2

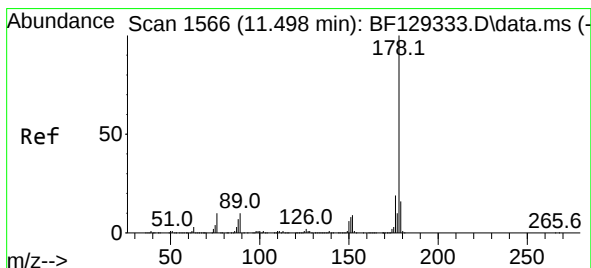
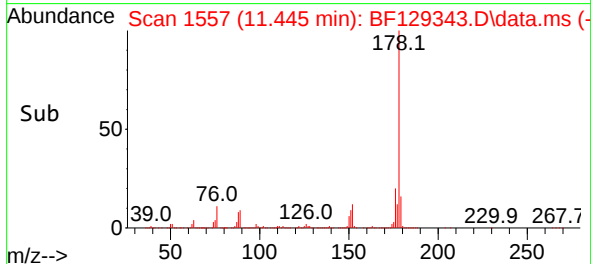
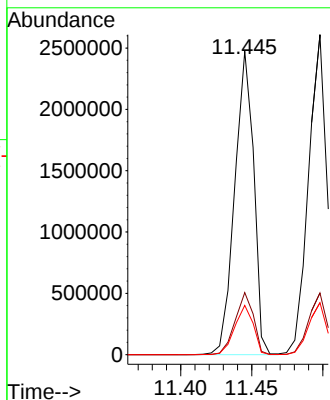
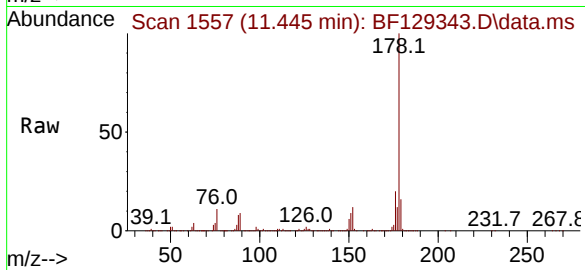




#71
Phenanthrene
Concen: 38.253 ng
RT: 11.445 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

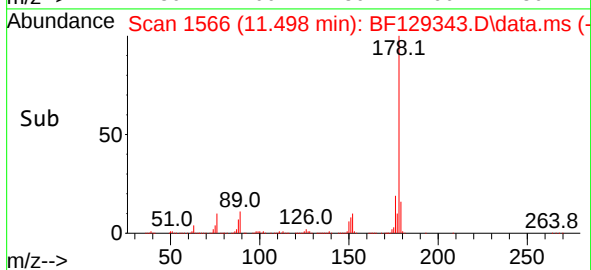
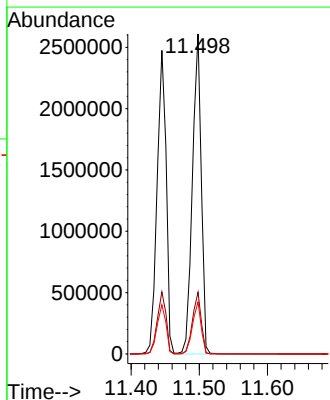
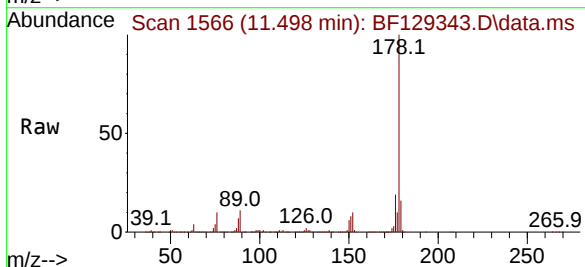
Instrument :
BNA_F
ClientSampleId :
PB146415BS

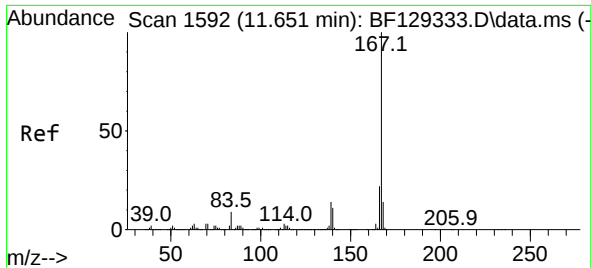
Tgt Ion:178 Resp: 2303092
Ion Ratio Lower Upper
178 100
176 20.4 16.0 24.0
179 16.3 12.6 19.0



#72
Anthracene
Concen: 39.545 ng
RT: 11.498 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Tgt Ion:178 Resp: 2339674
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 16.2 12.6 19.0

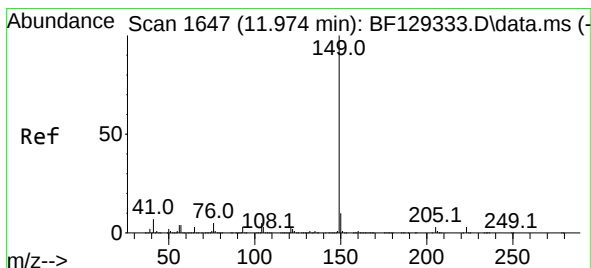
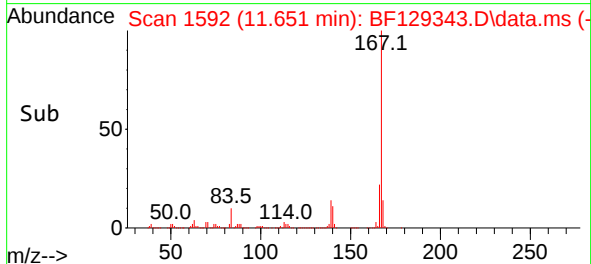
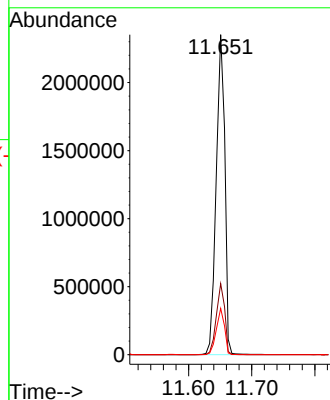
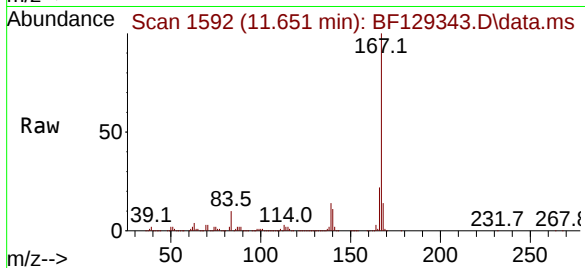




#73
 Carbazole
 Concen: 39.982 ng
 RT: 11.651 min Scan# 1592
 Delta R.T. 0.000 min
 Lab File: BF129343.D
 Acq: 25 Jul 2022 21:12

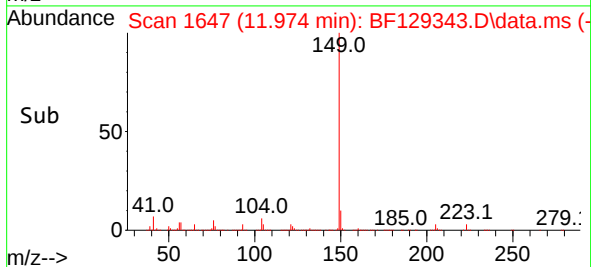
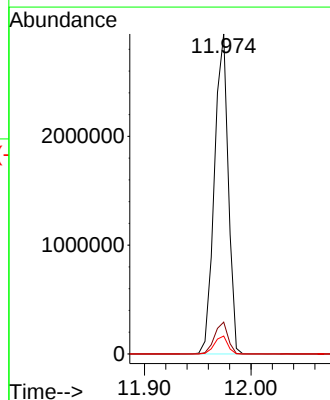
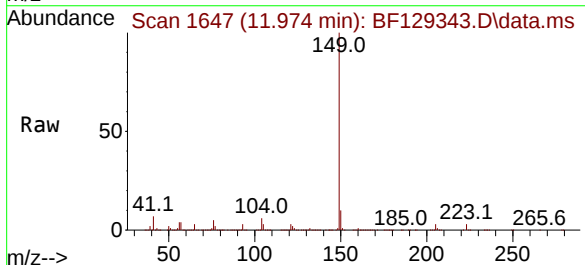
Instrument :
 BNA_F
 ClientSampleId :
 PB146415BS

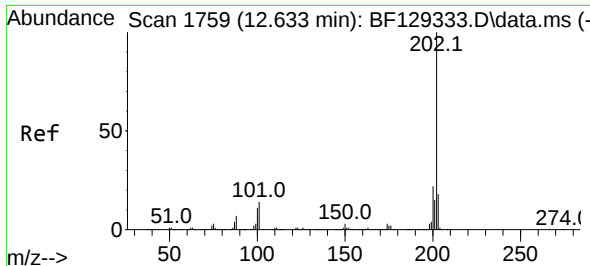
Tgt Ion:167 Resp: 2226814
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.7 26.5
 139 14.4 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 40.008 ng
 RT: 11.974 min Scan# 1647
 Delta R.T. 0.000 min
 Lab File: BF129343.D
 Acq: 25 Jul 2022 21:12

Tgt Ion:149 Resp: 2653604
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.5 11.3
 104 5.6 4.4 6.6

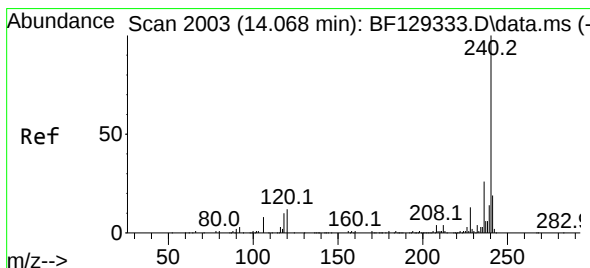
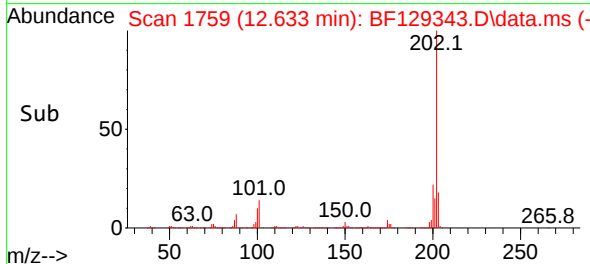
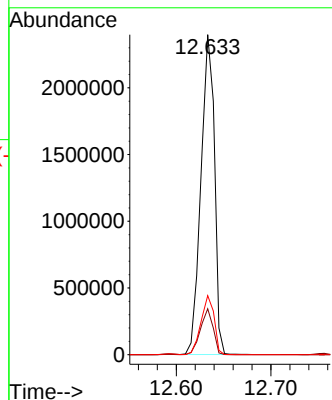
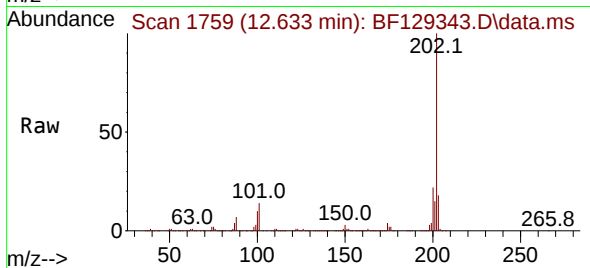




#75
Fluoranthene
Concen: 39.107 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

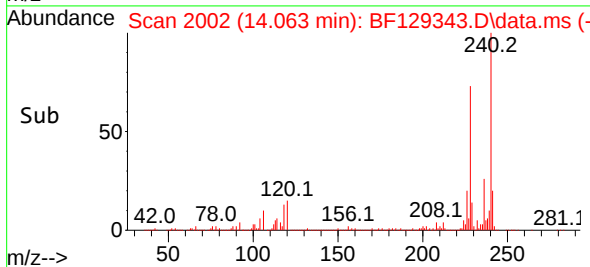
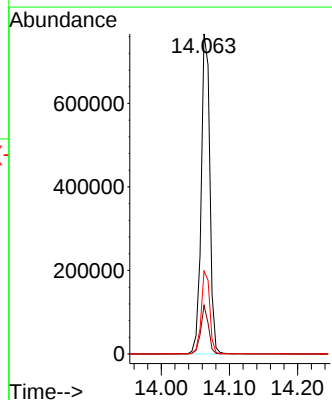
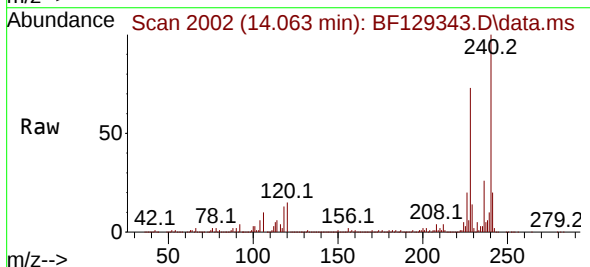
Instrument :
BNA_F
ClientSampleId :
PB146415BS

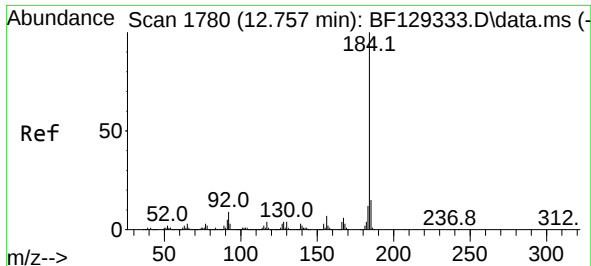
Tgt Ion:202 Resp: 2385675
Ion Ratio Lower Upper
202 100
101 14.3 0.0 31.4
203 18.4 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Tgt Ion:240 Resp: 675636
Ion Ratio Lower Upper
240 100
120 15.2 8.9 13.3#
236 25.9 20.8 31.2

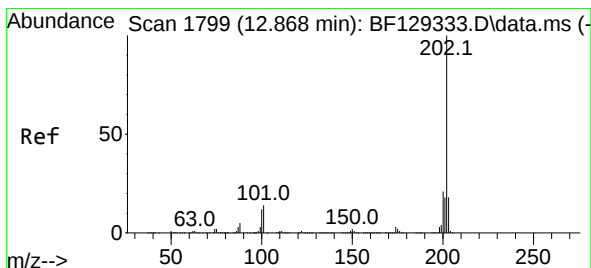
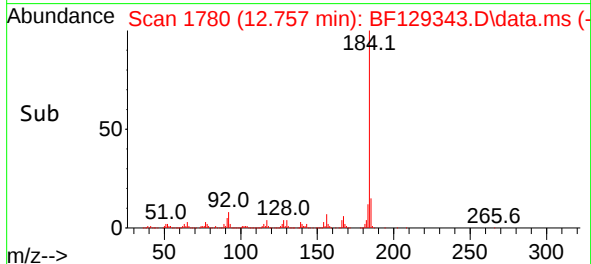
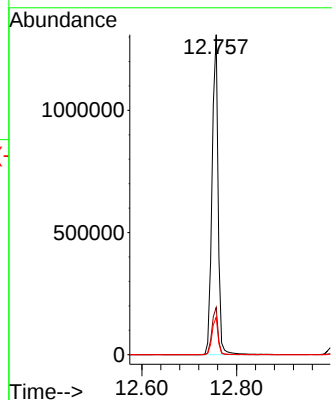
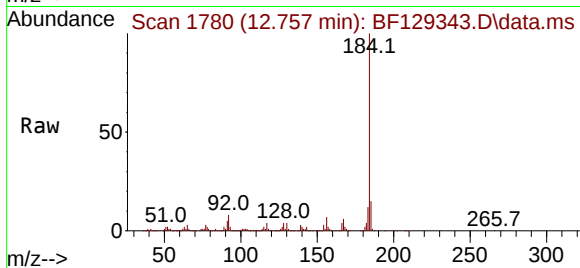




#77
Benzidine
Concen: 48.701 ng
RT: 12.757 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

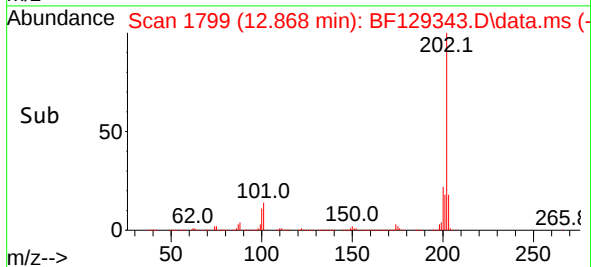
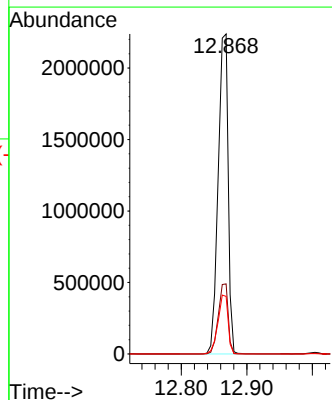
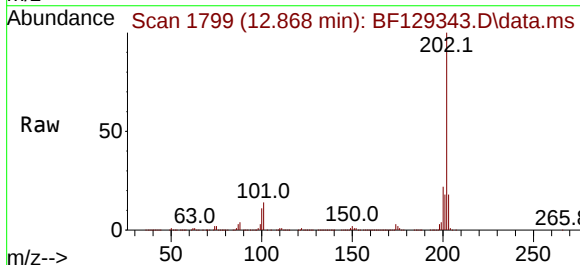
Instrument :
BNA_F
ClientSampleId :
PB146415BS

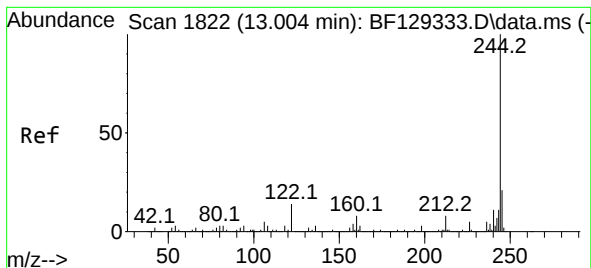
Tgt Ion:184 Resp: 1162429
Ion Ratio Lower Upper
184 100
185 14.8 11.9 17.9
183 11.7 9.3 13.9



#78
Pyrene
Concen: 41.812 ng
RT: 12.868 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Tgt Ion:202 Resp: 2362304
Ion Ratio Lower Upper
202 100
200 21.9 17.7 26.5
203 18.0 14.6 21.8





#79

Terphenyl-d14

Concen: 84.616 ng

RT: 13.004 min Scan# 1822

Delta R.T. 0.000 min

Lab File: BF129343.D

Acq: 25 Jul 2022 21:12

Instrument :

BNA_F

ClientSampleId :

PB146415BS

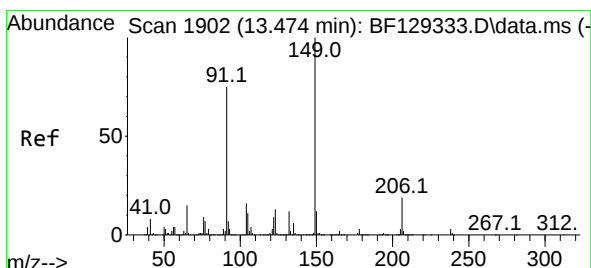
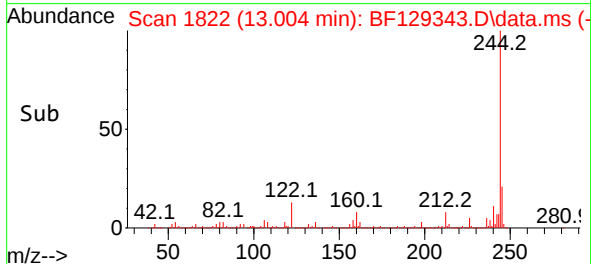
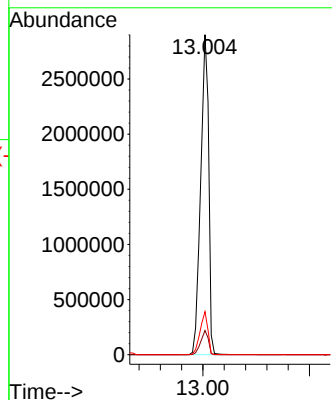
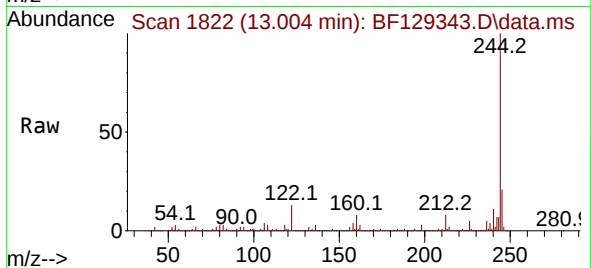
Tgt Ion:244 Resp: 3030333

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 13.5 8.8 13.2#



#80

Butylbenzylphthalate

Concen: 43.835 ng

RT: 13.474 min Scan# 1902

Delta R.T. 0.000 min

Lab File: BF129343.D

Acq: 25 Jul 2022 21:12

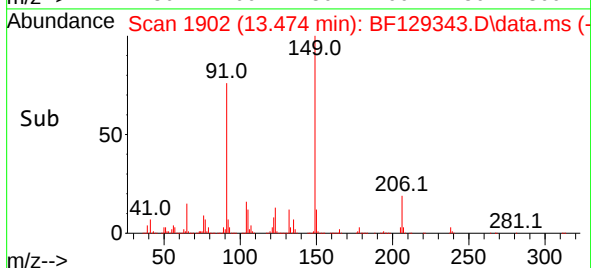
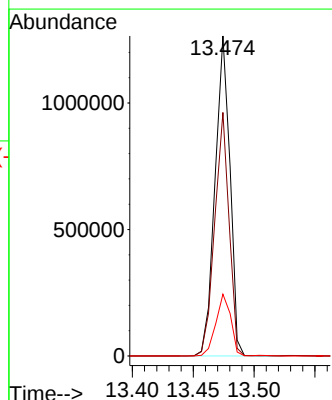
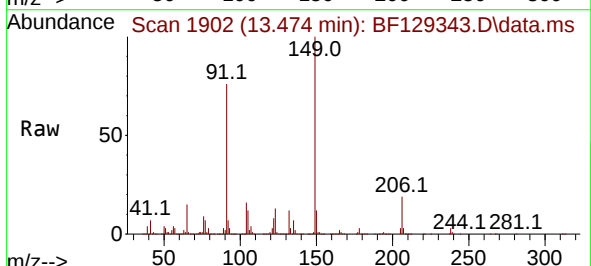
Tgt Ion:149 Resp: 1074220

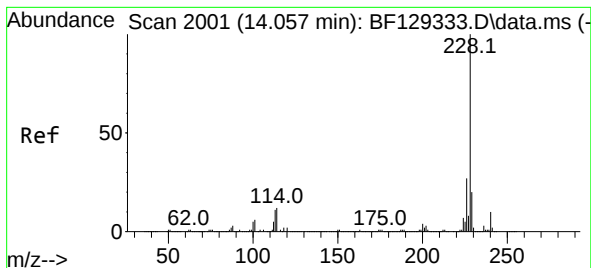
Ion Ratio Lower Upper

149 100

91 76.1 61.2 91.8

206 19.3 15.7 23.5





#81

Benzo(a)anthracene

Concen: 40.456 ng

RT: 14.051 min Scan# 2001

Delta R.T. -0.006 min

Lab File: BF129343.D

Acq: 25 Jul 2022 21:12

Instrument :

BNA_F

ClientSampleId :

PB146415BS

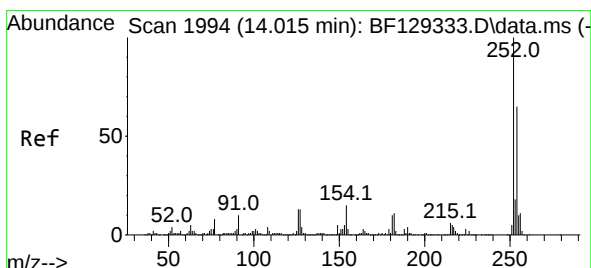
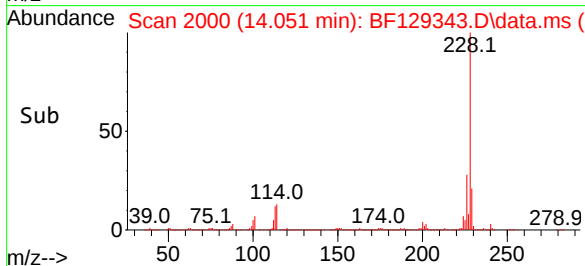
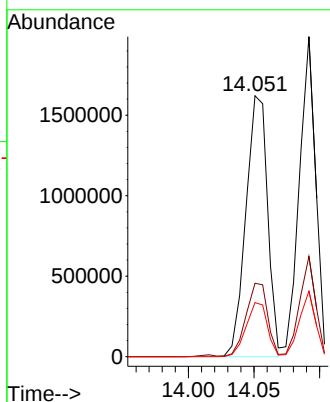
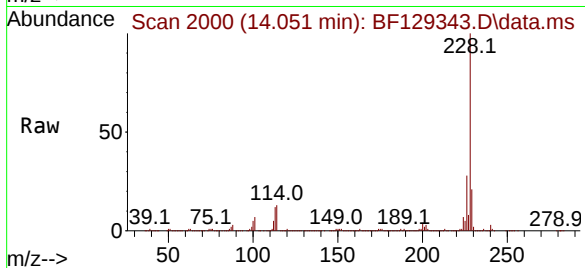
Tgt Ion:228 Resp: 1867140

Ion Ratio Lower Upper

228 100

226 28.2 22.1 33.1

229 20.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 33.870 ng

RT: 14.015 min Scan# 1994

Delta R.T. 0.000 min

Lab File: BF129343.D

Acq: 25 Jul 2022 21:12

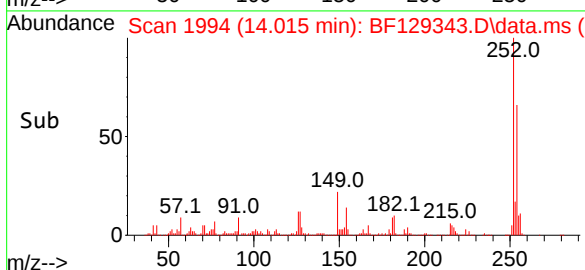
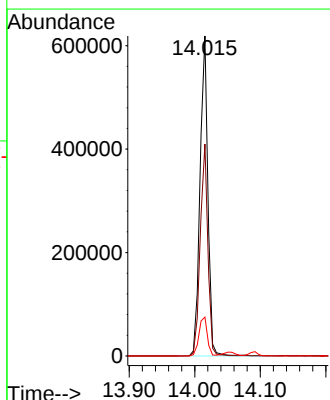
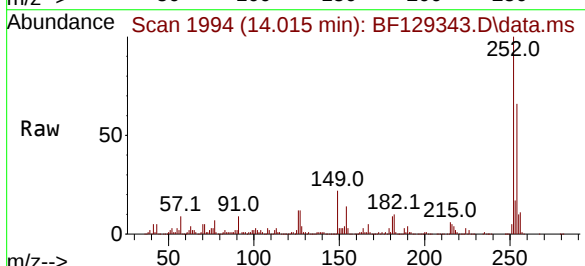
Tgt Ion:252 Resp: 516112

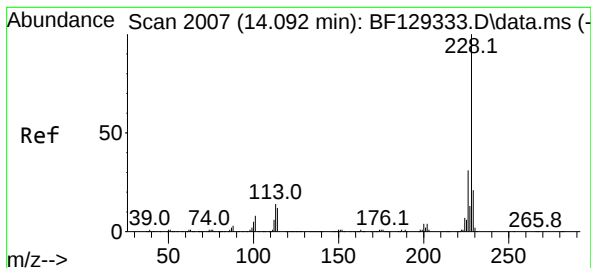
Ion Ratio Lower Upper

252 100

254 66.2 50.2 75.4

126 12.2 8.2 12.4





#83

Chrysene

Concen: 39.851 ng

RT: 14.092 min Scan# 2007

Delta R.T. 0.000 min

Lab File: BF129343.D

Acq: 25 Jul 2022 21:12

Instrument :

BNA_F

ClientSampleId :

PB146415BS

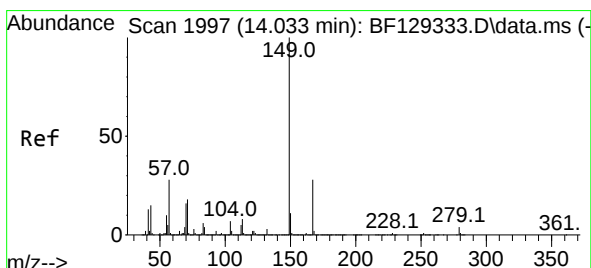
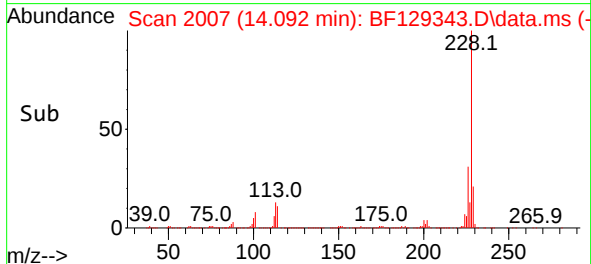
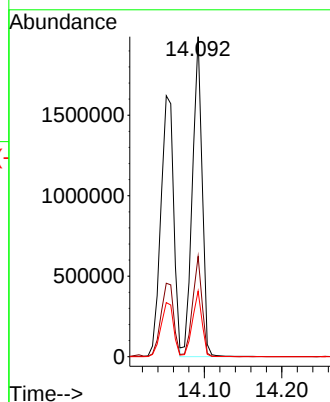
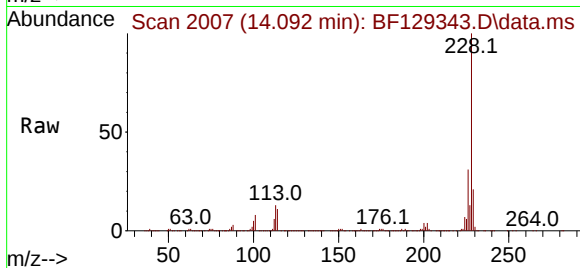
Tgt Ion:228 Resp: 1733407

Ion Ratio Lower Upper

228 100

226 31.4 24.3 36.5

229 20.5 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.123 ng

RT: 14.027 min Scan# 1996

Delta R.T. -0.006 min

Lab File: BF129343.D

Acq: 25 Jul 2022 21:12

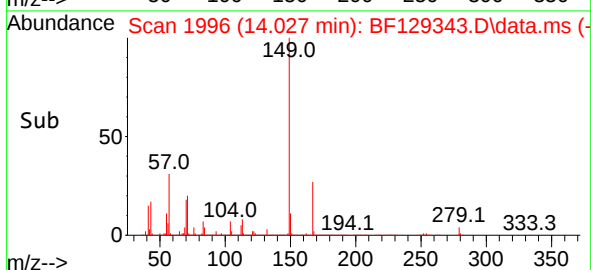
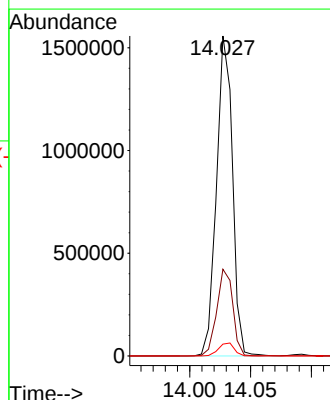
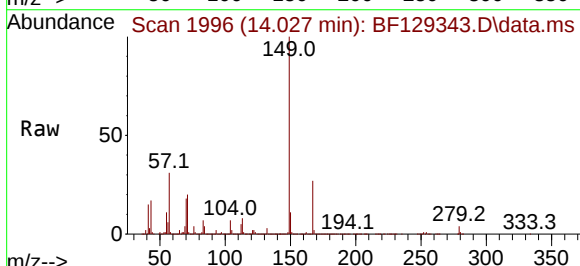
Tgt Ion:149 Resp: 1423529

Ion Ratio Lower Upper

149 100

167 27.1 21.0 31.4

279 3.7 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 42.931 ng

RT: 14.645 min Scan# 2101

Delta R.T. 0.000 min

Lab File: BF129343.D

Acq: 25 Jul 2022 21:12

Instrument :

BNA_F

ClientSampleId :

PB146415BS

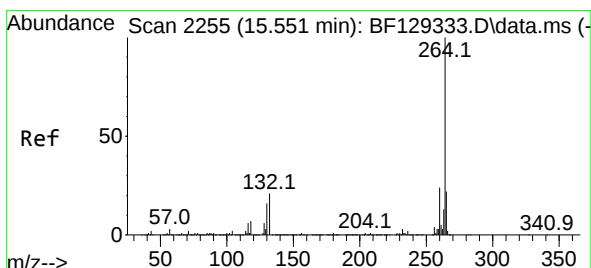
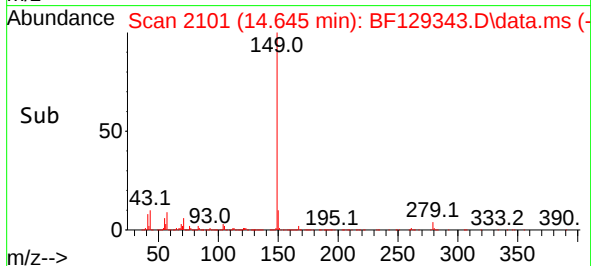
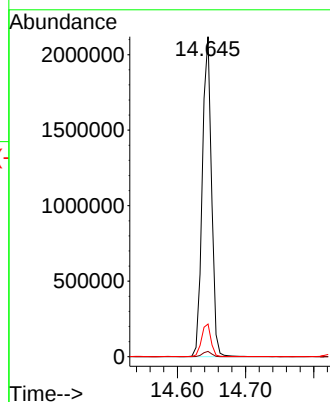
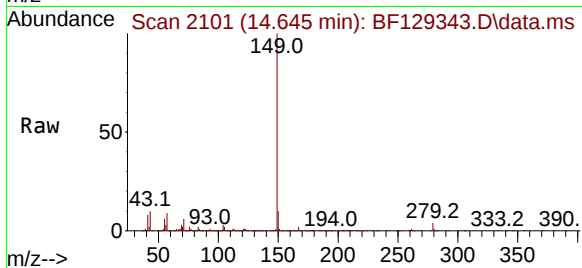
Tgt Ion:149 Resp: 1993150

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: BF129343.D

Acq: 25 Jul 2022 21:12

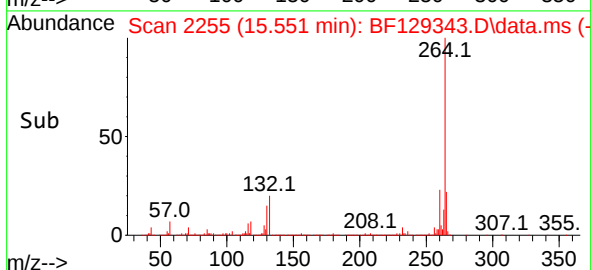
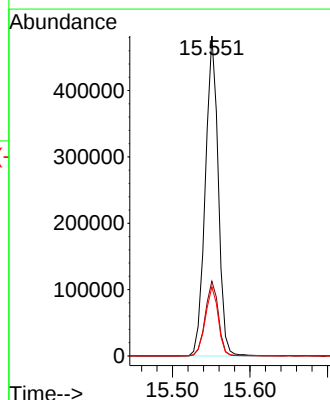
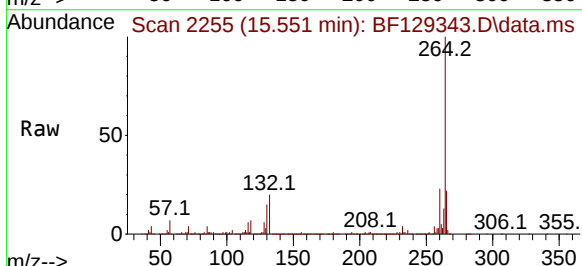
Tgt Ion:264 Resp: 558042

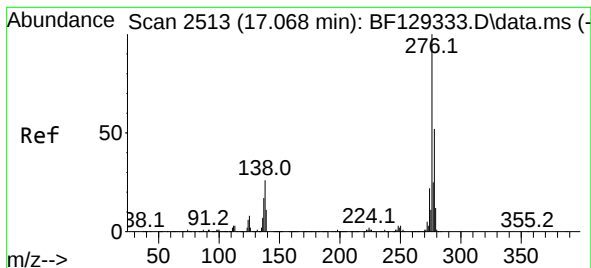
Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 21.6 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.365 ng

RT: 17.062 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129343.D

Acq: 25 Jul 2022 21:12

Instrument :

BNA_F

ClientSampleId :

PB146415BS

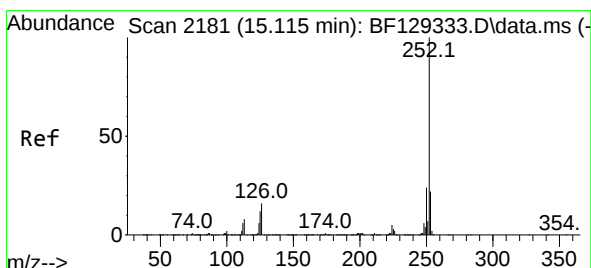
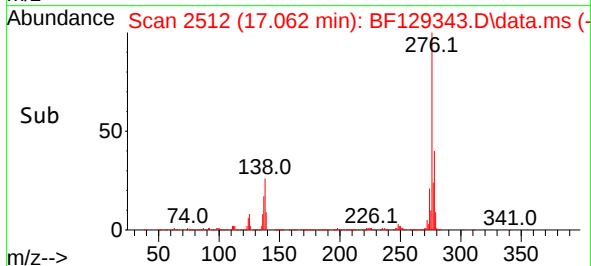
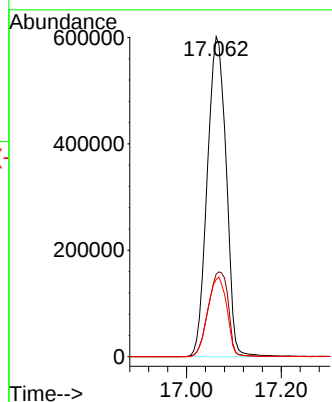
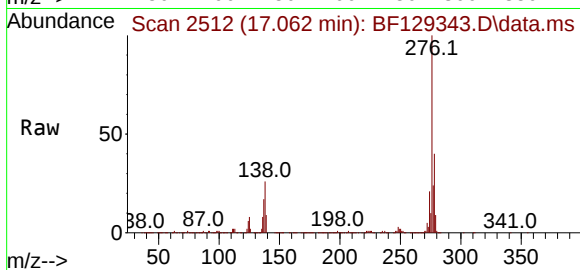
Tgt Ion:276 Resp: 1667187

Ion Ratio Lower Upper

276 100

138 28.2 21.1 31.7

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 43.557 ng

RT: 15.115 min Scan# 2181

Delta R.T. 0.000 min

Lab File: BF129343.D

Acq: 25 Jul 2022 21:12

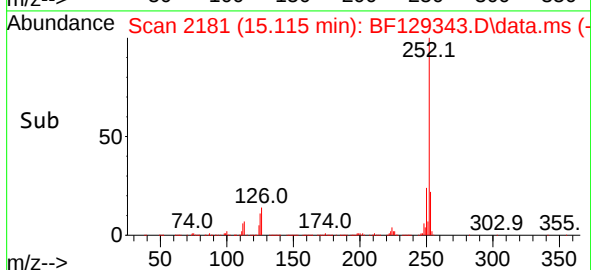
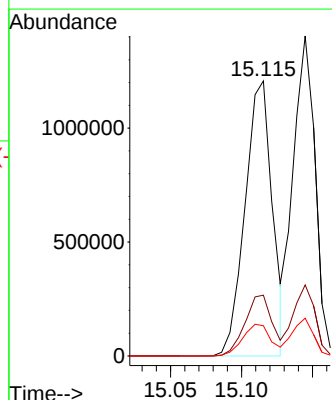
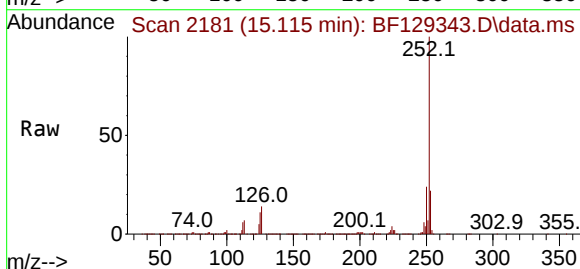
Tgt Ion:252 Resp: 1612328

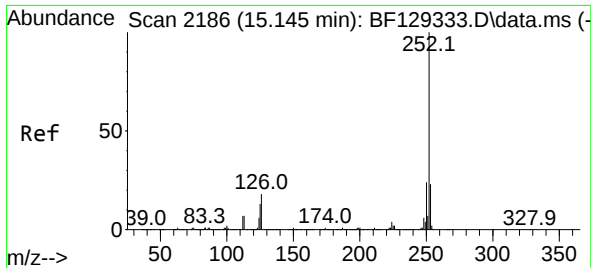
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 11.0 8.0 12.0

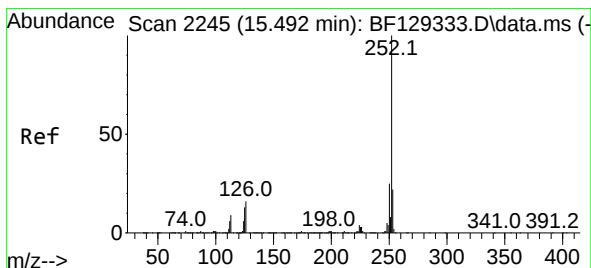
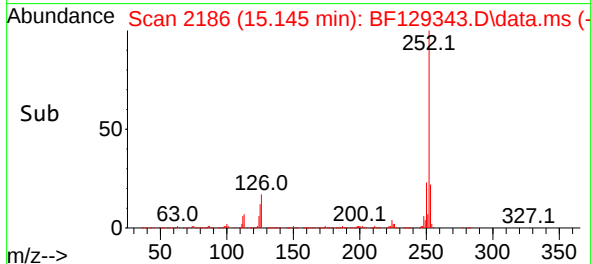
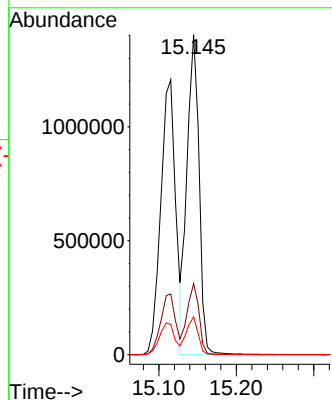
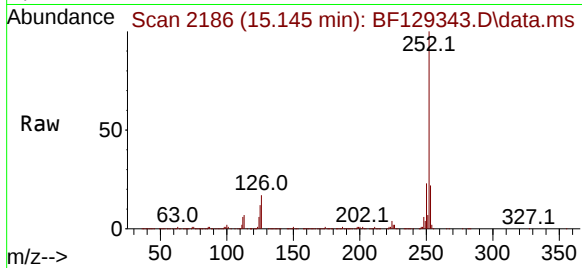




#89
Benzo(k)fluoranthene
Concen: 42.029 ng
RT: 15.145 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

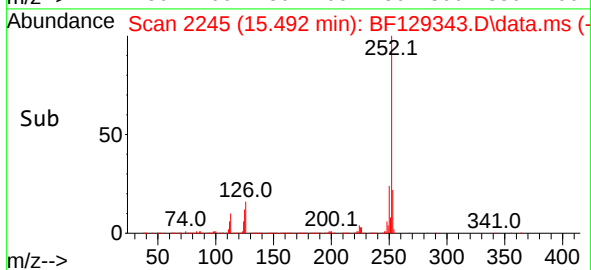
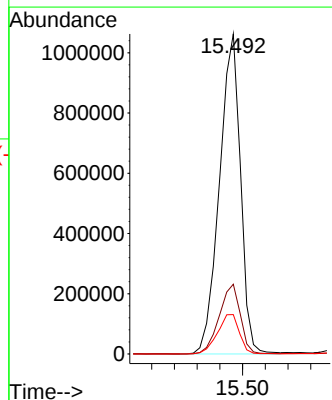
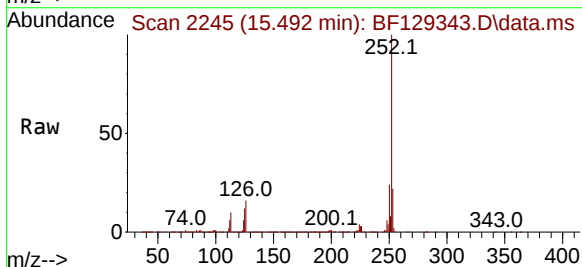
Instrument :
BNA_F
ClientSampleId :
PB146415BS

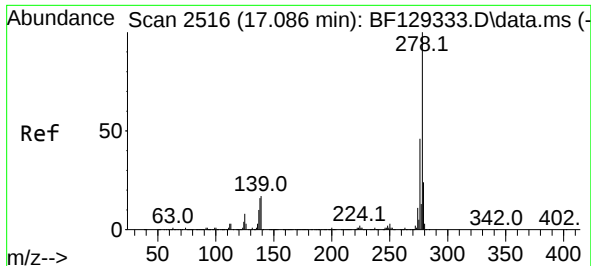
Tgt Ion:252 Resp: 1524621
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.8 8.3 12.5



#90
Benzo(a)pyrene
Concen: 45.459 ng
RT: 15.492 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Tgt Ion:252 Resp: 1366014
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 12.3 8.8 13.2

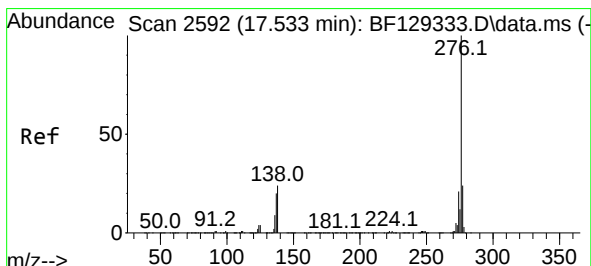
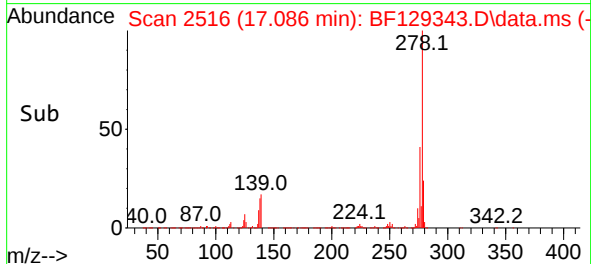
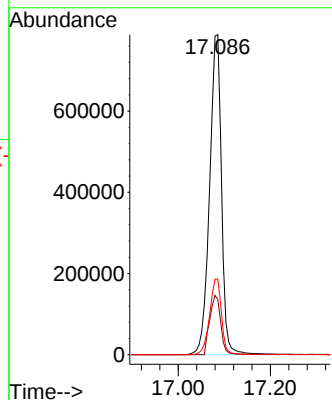
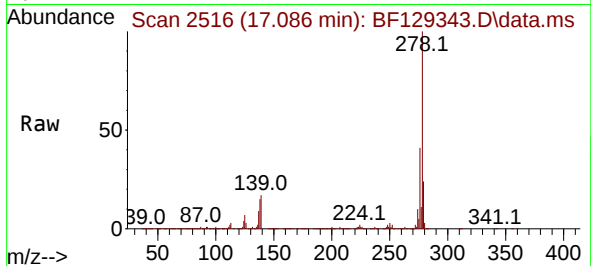




#91
Dibenzo(a,h)anthracene
Concen: 46.634 ng
RT: 17.086 min Scan# 2516
Delta R.T. 0.000 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Instrument :
BNA_F
ClientSampleId :
PB146415BS

Tgt Ion:278 Resp: 1426333
Ion Ratio Lower Upper
278 100
139 17.3 12.8 19.2
279 23.7 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 46.877 ng
RT: 17.527 min Scan# 2591
Delta R.T. -0.006 min
Lab File: BF129343.D
Acq: 25 Jul 2022 21:12

Tgt Ion:276 Resp: 1465089
Ion Ratio Lower Upper
276 100
277 24.4 19.1 28.7
138 25.0 18.0 27.0

