

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129905.D
 Acq On : 19 Aug 2022 11:18
 Operator : CG\JU
 Sample : PB146848BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146848BS

Quant Time: Aug 19 11:51:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 12:03:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	141865	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	577291	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	295399	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	487710	20.000	ng	0.00
76) Chrysene-d12	13.980	240	284740	20.000	ng	0.00
86) Perylene-d12	15.439	264	255921	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1075704	125.545	ng	0.01
7) Phenol-d6	6.451	99	1279737	119.269	ng	0.00
23) Nitrobenzene-d5	7.363	82	839226	77.821	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	341984	115.349	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1492529	76.739	ng	0.00
79) Terphenyl-d14	12.910	244	1502430	87.798	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	124496	35.219	ng	98
3) Pyridine	3.340	79	341746	36.942	ng	98
4) n-Nitrosodimethylamine	3.287	42	193522	45.393	ng	99
6) Aniline	6.463	93	492354	40.260	ng	93
8) 2-Chlorophenol	6.592	128	421519	44.191	ng	99
9) Benzaldehyde	6.351	77	281327	50.771	ng	99
10) Phenol	6.469	94	504136	42.833	ng	83
11) bis(2-Chloroethyl)ether	6.534	93	390388	43.679	ng	100
12) 1,3-Dichlorobenzene	6.734	146	442728	42.994	ng	99
13) 1,4-Dichlorobenzene	6.810	146	444717	42.266	ng	99
14) 1,2-Dichlorobenzene	6.963	146	421974	43.181	ng	98
15) Benzyl Alcohol	6.951	79	354177	43.724	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.069	45	514190	42.934	ng	95
17) 2-Methylphenol	7.069	107	328213	42.854	ng	99
18) Hexachloroethane	7.298	117	172334	43.616	ng	95
19) n-Nitroso-di-n-propyla...	7.210	70	286366	42.223	ng	99
20) 3+4-Methylphenols	7.222	107	430549	41.879	ng	98
22) Acetophenone	7.210	105	586697	41.704	ng	98
24) Nitrobenzene	7.381	77	434209	39.930	ng	95
25) Isophorone	7.622	82	764381	41.182	ng	100
26) 2-Nitrophenol	7.698	139	224462	41.965	ng	99
27) 2,4-Dimethylphenol	7.739	122	345823	45.083	ng	96
28) bis(2-Chloroethoxy)met...	7.828	93	474196	43.756	ng	99
29) 2,4-Dichlorophenol	7.951	162	335692	40.021	ng	100
30) 1,2,4-Trichlorobenzene	8.016	180	346143	39.118	ng	98
31) Naphthalene	8.098	128	1175677	38.950	ng	100
32) Benzoic acid	7.892	122	142975	43.035	ng	94
33) 4-Chloroaniline	8.157	127	436830	36.802	ng	99
34) Hexachlorobutadiene	8.204	225	209667	38.913	ng	98
35) Caprolactam	8.539	113	51560	19.767	ng	98
36) 4-Chloro-3-methylphenol	8.657	107	362364	40.045	ng	98
37) 2-Methylnaphthalene	8.792	142	768545	38.794	ng	100
38) 1-Methylnaphthalene	8.892	142	731045	37.970	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	344825	41.970	ng	98
41) Hexachlorocyclopentadiene	8.939	237	233793	84.750	ng	98
43) 2,4,6-Trichlorophenol	9.081	196	206603	38.703	ng	97

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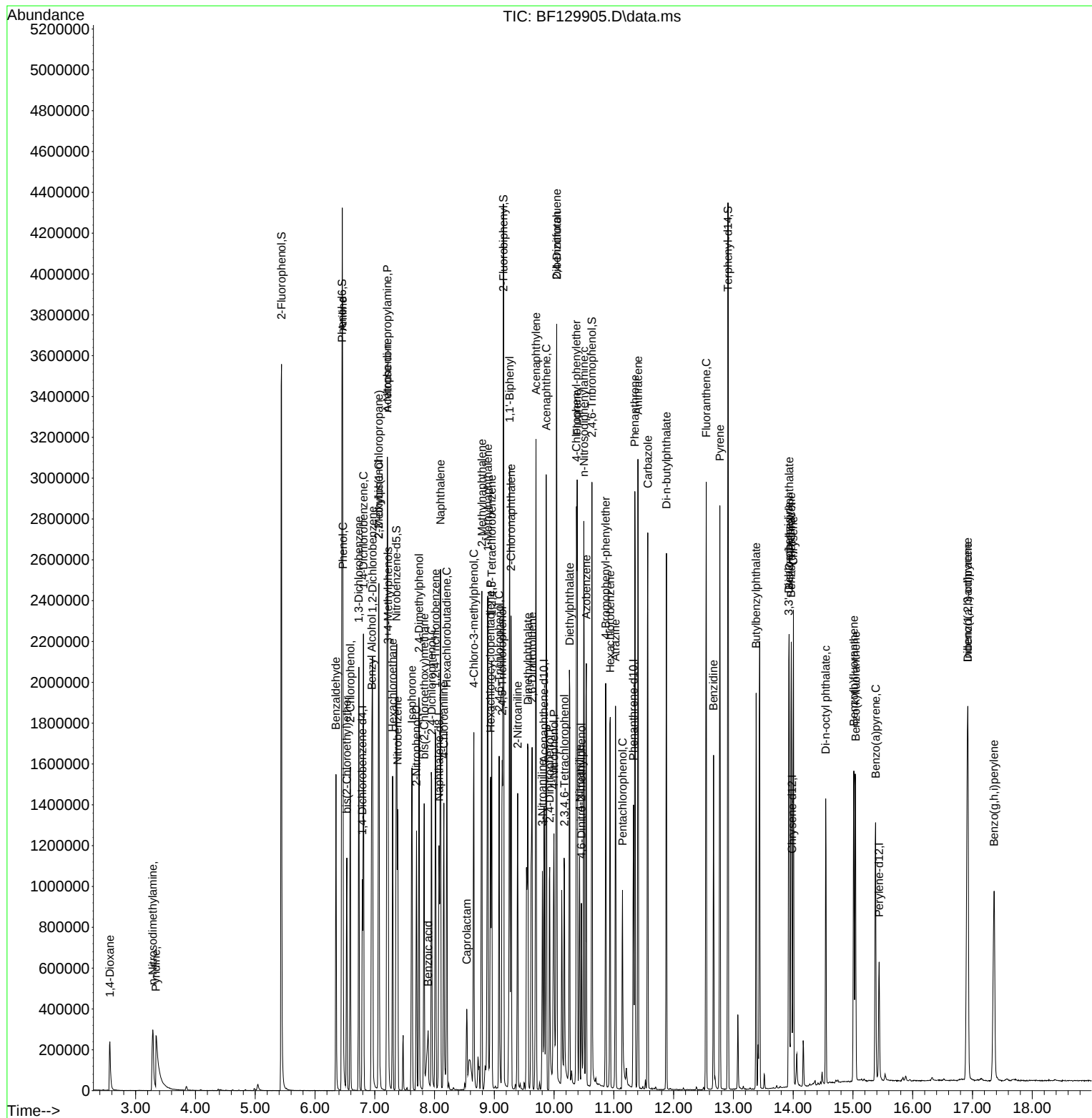
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	223186	38.862	ng	94
46) 1,1'-Biphenyl	9.257	154	918142	40.913	ng	99
47) 2-Chloronaphthalene	9.281	162	711804	40.088	ng	98
48) 2-Nitroaniline	9.392	65	230986	41.164	ng	93
49) Acenaphthylene	9.698	152	1061316	39.416	ng	100
50) Dimethylphthalate	9.563	163	811868	38.339	ng	99
51) 2,6-Dinitrotoluene	9.633	165	185136	40.303	ng	93
52) Acenaphthene	9.869	154	649201	39.741	ng	100
53) 3-Nitroaniline	9.804	138	166520	32.779	ng	91
54) 2,4-Dinitrophenol	9.928	184	166382	80.104	ng	93
55) Dibenzofuran	10.045	168	968175	39.449	ng	99
56) 4-Nitrophenol	9.998	139	185887	82.251	ng	97
57) 2,4-Dinitrotoluene	10.045	165	235861	39.553	ng	98
58) Fluorene	10.386	166	793151	38.705	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	165958	39.376	ng	# 80
60) Diethylphthalate	10.263	149	795341	37.667	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	357364	38.861	ng	97
62) 4-Nitroaniline	10.427	138	188290	36.740	ng	98
63) Azobenzene	10.539	77	775441	38.421	ng	95
65) 4,6-Dinitro-2-methylph...	10.457	198	115557	40.360	ng	91
66) n-Nitrosodiphenylamine	10.498	169	674251	40.960	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	228843	40.061	ng	98
68) Hexachlorobenzene	10.939	284	253206	40.920	ng	# 92
69) Atrazine	11.027	200	219070	43.360	ng	97
70) Pentachlorophenol	11.145	266	137853	74.690	ng	98
71) Phenanthrene	11.351	178	1101011	40.421	ng	100
72) Anthracene	11.404	178	1120250	41.357	ng	100
73) Carbazole	11.569	167	1037991	42.214	ng	100
74) Di-n-butylphthalate	11.880	149	1183913	37.411	ng	99
75) Fluoranthene	12.545	202	1092359	39.191	ng	99
77) Benzidine	12.669	184	562188	87.295	ng	100
78) Pyrene	12.774	202	1099562	44.438	ng	100
80) Butylbenzylphthalate	13.380	149	414565	39.595	ng	97
81) Benzo(a)anthracene	13.968	228	793112	40.491	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	222733	36.716	ng	97
83) Chrysene	14.004	228	725179	39.551	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	477493	38.440	ng	98
85) Di-n-octyl phthalate	14.545	149	664975	38.779	ng	99
87) Indeno(1,2,3-cd)pyrene	16.921	276	867337	49.367	ng	100
88) Benzo(b)fluoranthene	15.015	252	695863	39.708	ng	99
89) Benzo(k)fluoranthene	15.045	252	645326	38.399	ng	99
90) Benzo(a)pyrene	15.380	252	598464	43.366	ng	100
91) Dibenzo(a,h)anthracene	16.921	278	748861	51.657	ng	99
92) Benzo(g,h,i)perylene	17.362	276	780895	53.994	ng	98

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

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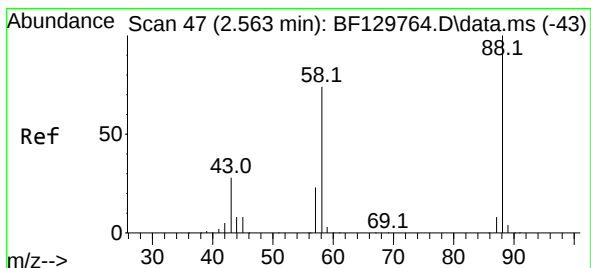
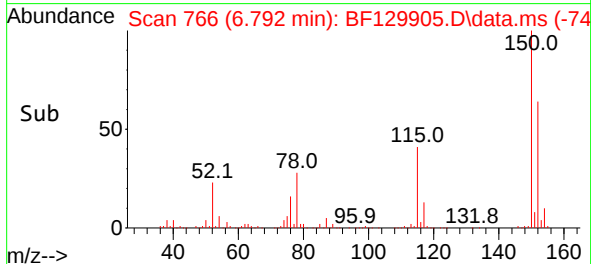
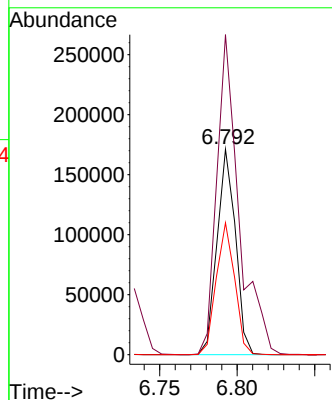
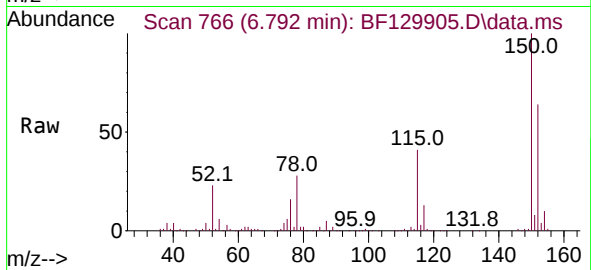




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF129905.D
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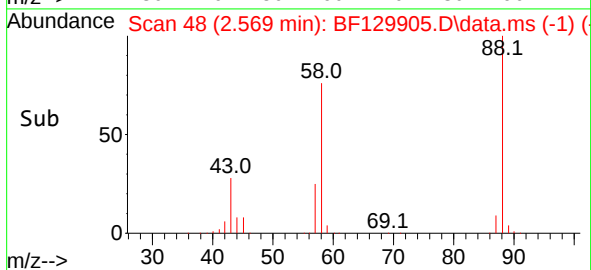
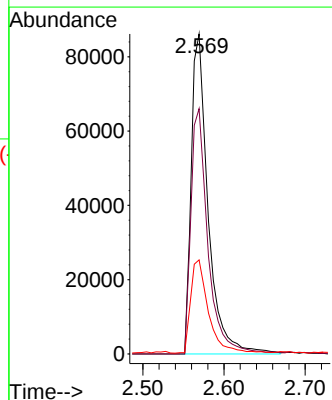
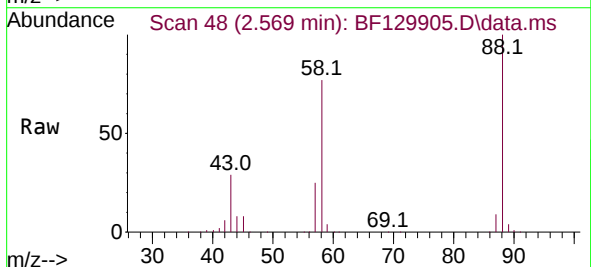
Instrument :
BNA_F
ClientSampleId :
PB146848BS

Tgt Ion:152 Resp: 141865
Ion Ratio Lower Upper
152 100
150 155.8 126.9 190.3
115 64.2 53.4 80.0



#2
1,4-Dioxane
Concen: 35.219 ng
RT: 2.569 min Scan# 48
Delta R.T. 0.071 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

Tgt Ion: 88 Resp: 124496
Ion Ratio Lower Upper
88 100
58 77.5 60.9 91.3
43 30.7 23.6 35.4

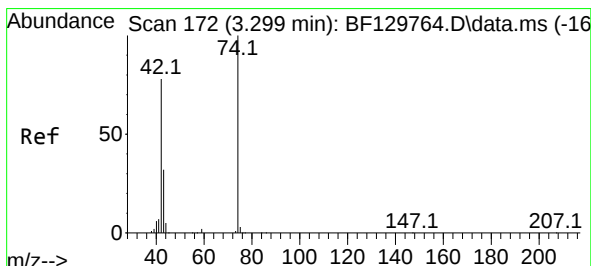
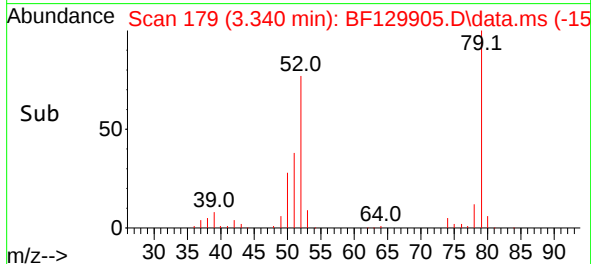
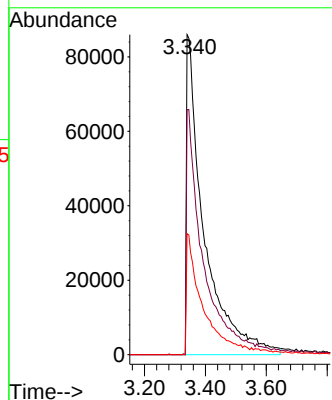
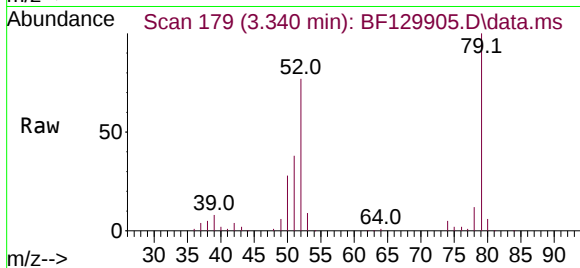




#3
Pyridine
Concen: 36.942 ng
RT: 3.340 min Scan# 11
Delta R.T. 0.071 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

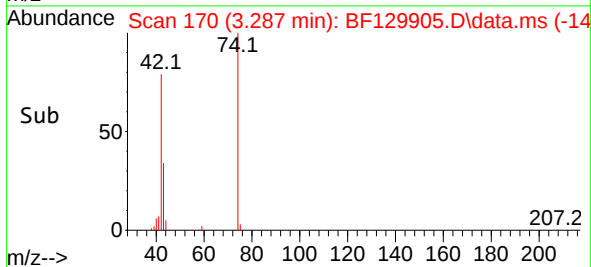
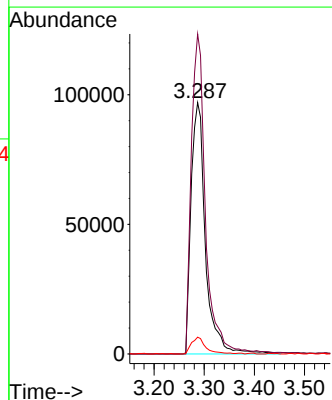
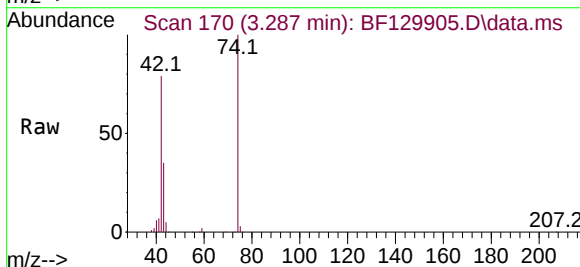
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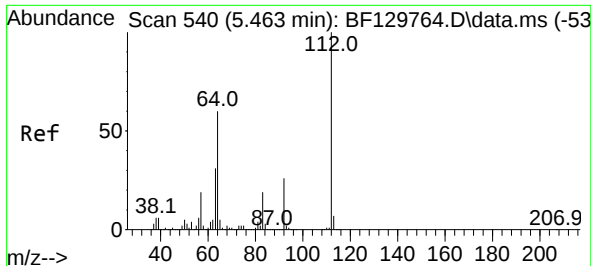
Tgt Ion: 79 Resp: 341746
Ion Ratio Lower Upper
79 100
52 76.5 59.4 89.2
51 37.8 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 45.393 ng
RT: 3.287 min Scan# 170
Delta R.T. 0.059 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

Tgt Ion: 42 Resp: 193522
Ion Ratio Lower Upper
42 100
74 127.3 103.1 154.7
44 6.7 5.4 8.2

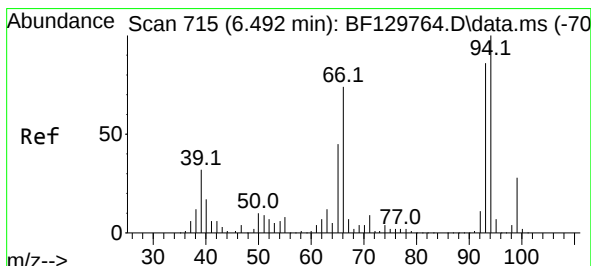
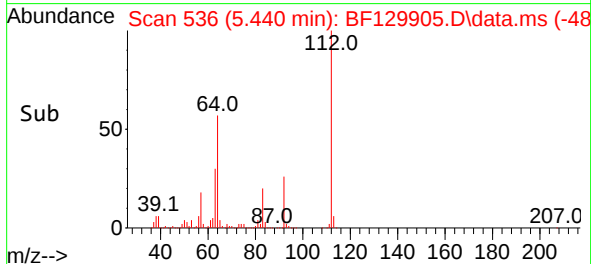
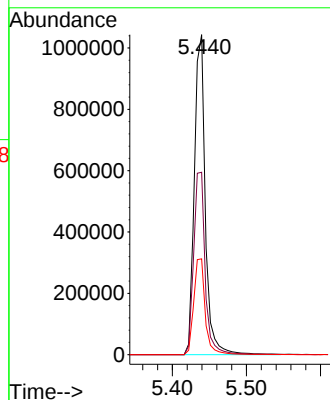
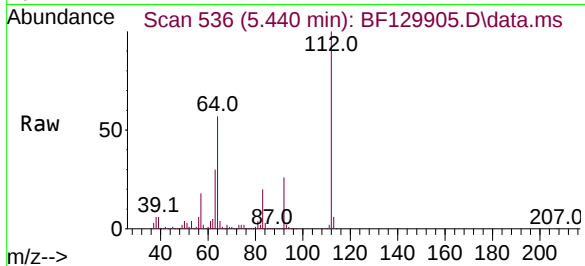




#5
2-Fluorophenol
Concen: 125.545 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF129905.D
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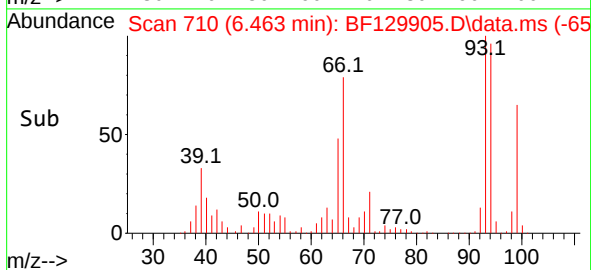
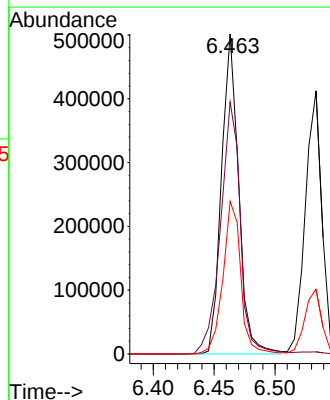
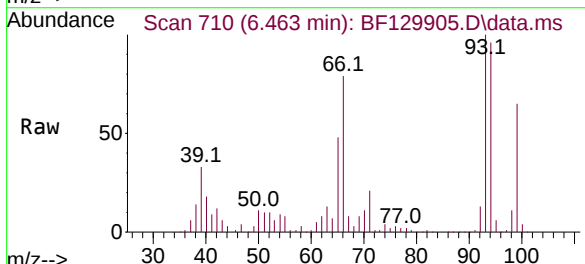
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Tgt Ion:112 Resp: 1075704
Ion Ratio Lower Upper
112 100
64 57.0 47.6 71.4
63 29.9 24.6 37.0



#6
Aniline
Concen: 40.260 ng
RT: 6.463 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

Tgt Ion: 93 Resp: 492354
Ion Ratio Lower Upper
93 100
66 78.8 68.7 103.1
65 47.7 41.6 62.4

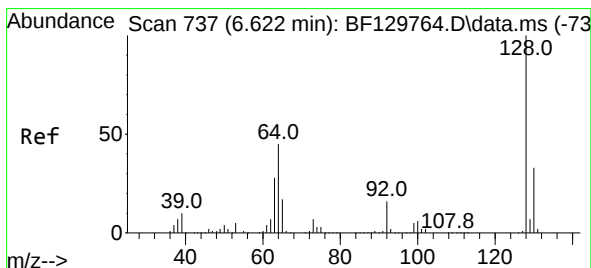
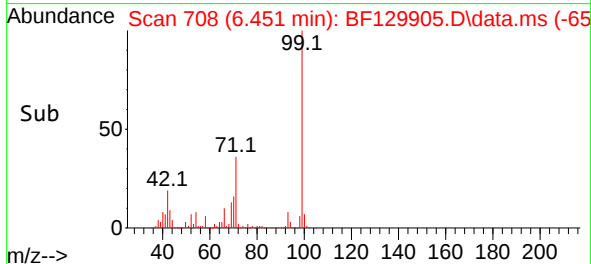
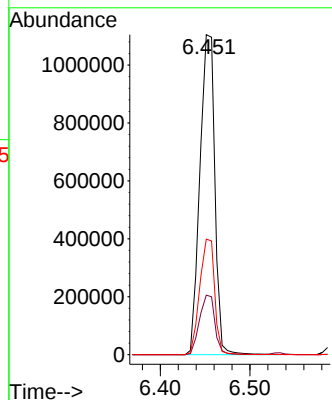
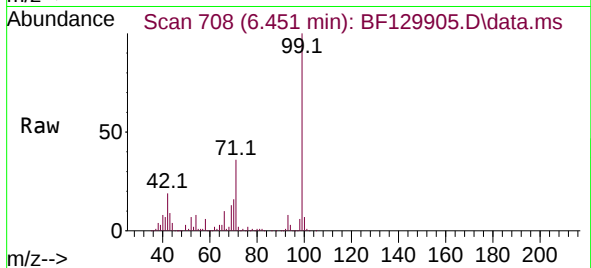




#7
Phenol-d6
Concen: 119.269 ng
RT: 6.451 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

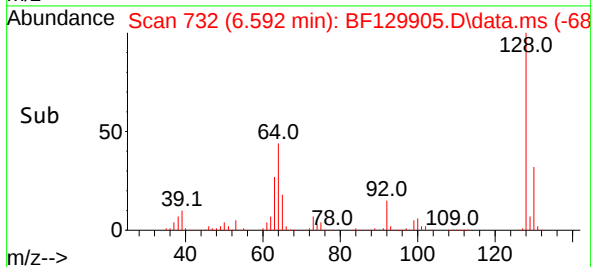
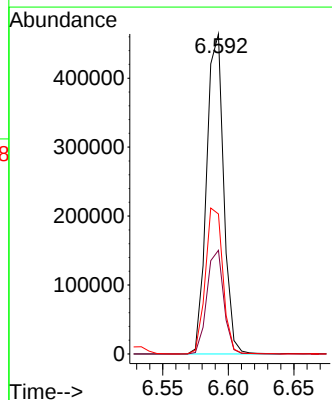
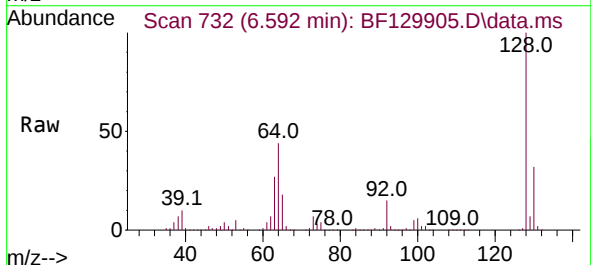
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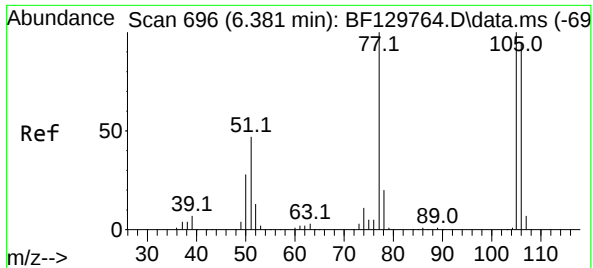
Tgt Ion: 99 Resp: 1279737
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.4
71 36.1 28.8 43.2



#8
2-Chlorophenol
Concen: 44.191 ng
RT: 6.592 min Scan# 732
Delta R.T. 0.006 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

Tgt Ion:128 Resp: 421519
Ion Ratio Lower Upper
128 100
130 32.4 12.5 52.5
64 43.7 24.9 64.9

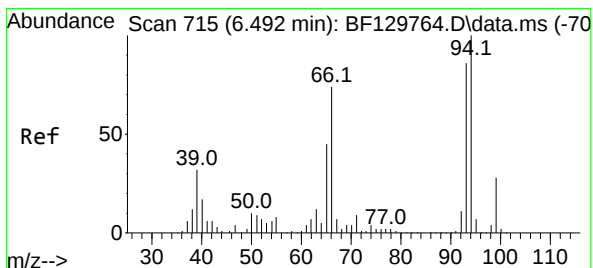
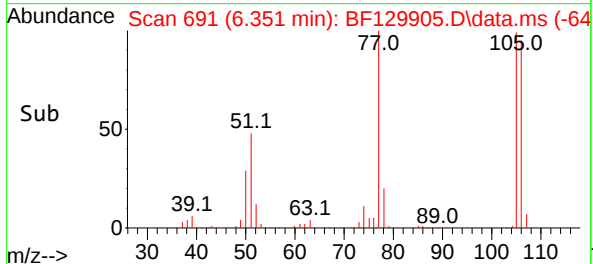
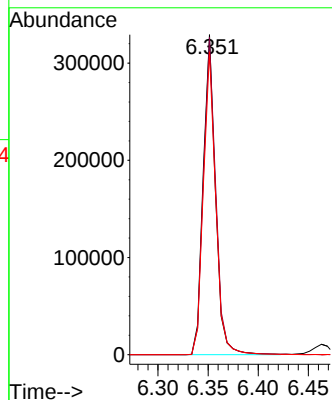
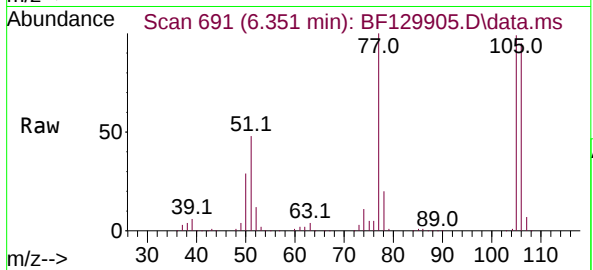




#9
Benzaldehyde
Concen: 50.771 ng
RT: 6.351 min Scan# 696
Delta R.T. 0.000 min
Lab File: BF129905.D
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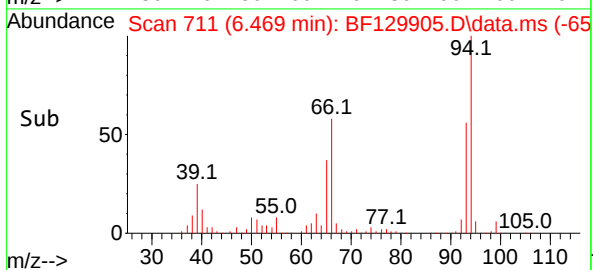
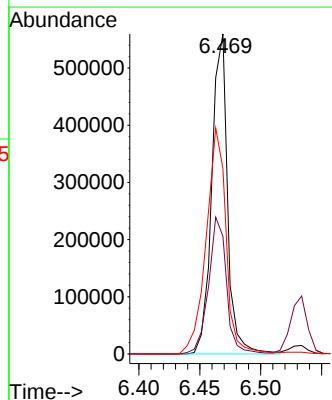
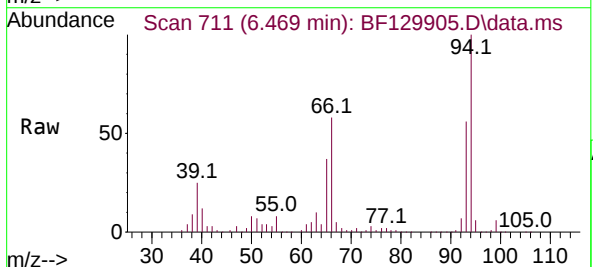
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Tgt Ion: 77 Resp: 281327
Ion Ratio Lower Upper
77 100
105 99.3 80.3 120.3
106 94.7 74.3 114.3



#10
Phenol
Concen: 42.833 ng
RT: 6.469 min Scan# 711
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 504136
Ion Ratio Lower Upper
94 100
65 36.8 24.9 64.9
66 58.0 54.2 94.2

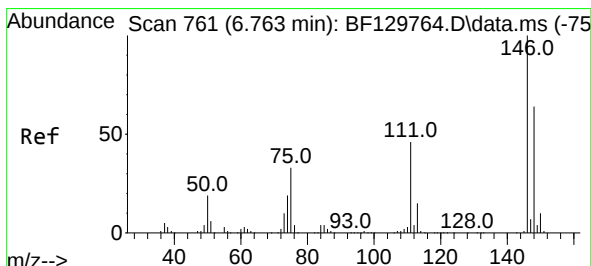
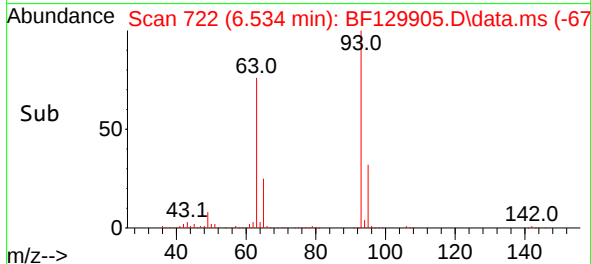
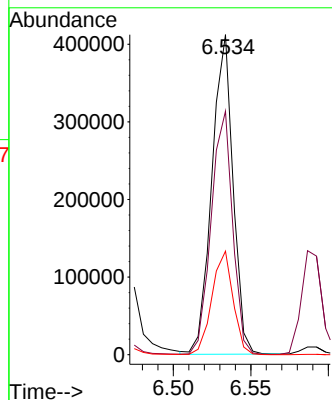
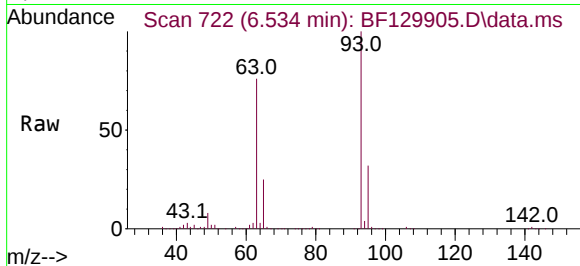




#11
bis(2-Chloroethyl)ether
Concen: 43.679 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

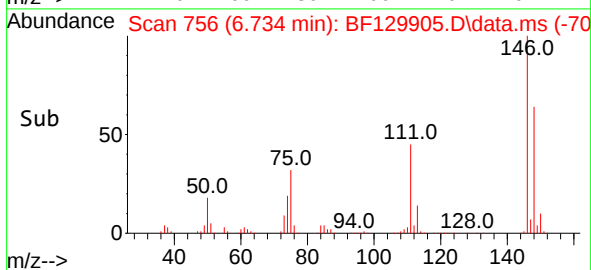
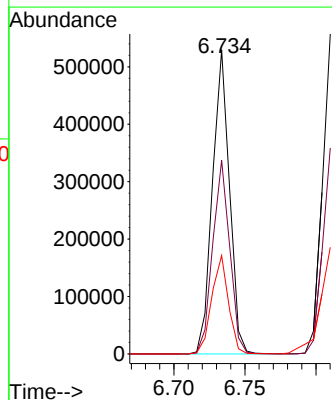
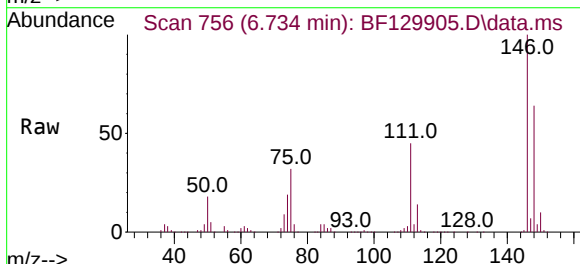
Instrument :
BNA_F
ClientSampleId :
PB146848BS

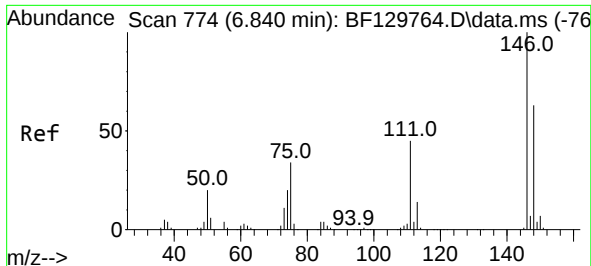
Tgt Ion: 93 Resp: 390388
Ion Ratio Lower Upper
93 100
63 76.1 55.9 95.9
95 32.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 42.994 ng
RT: 6.734 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

Tgt Ion:146 Resp: 442728
Ion Ratio Lower Upper
146 100
148 63.7 51.2 76.8
75 32.3 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 42.266 ng

RT: 6.810 min Scan# 7

Delta R.T. 0.000 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB146848BS

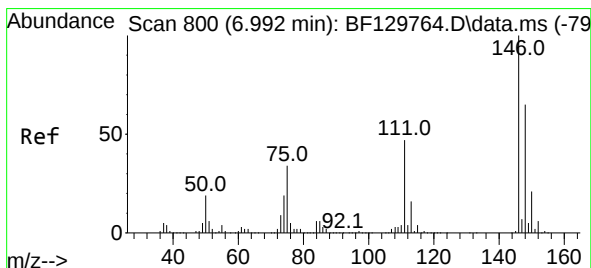
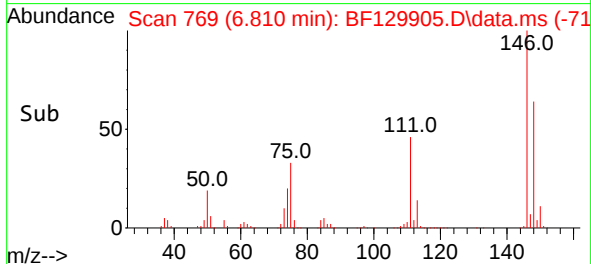
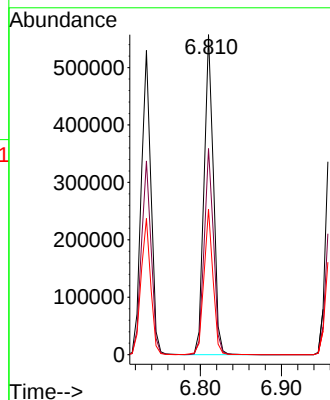
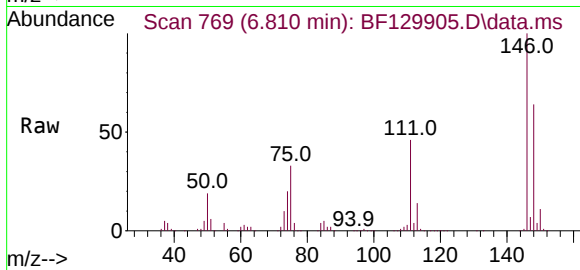
Tgt Ion:146 Resp: 444717

Ion Ratio Lower Upper

146 100

148 64.4 50.6 75.8

111 45.5 36.2 54.4



#14

1,2-Dichlorobenzene

Concen: 43.181 ng

RT: 6.963 min Scan# 795

Delta R.T. 0.000 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

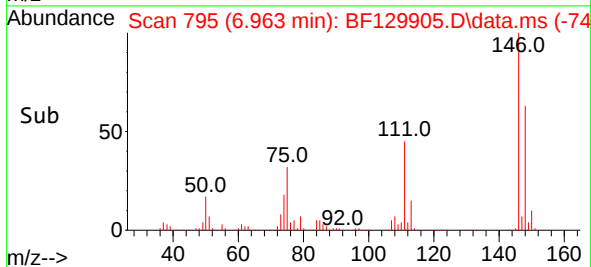
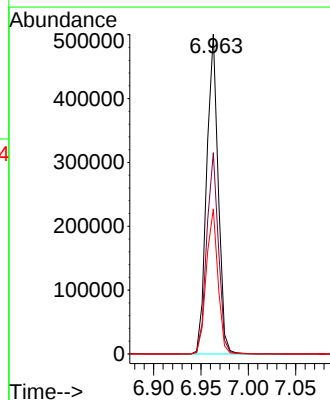
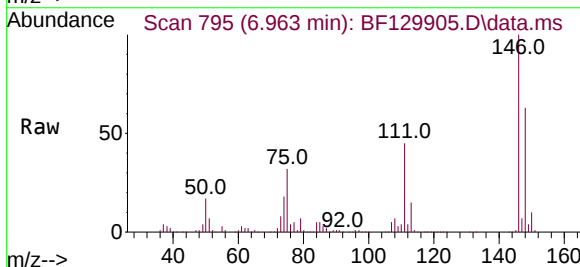
Tgt Ion:146 Resp: 421974

Ion Ratio Lower Upper

146 100

148 62.9 51.8 77.6

111 45.4 37.2 55.8

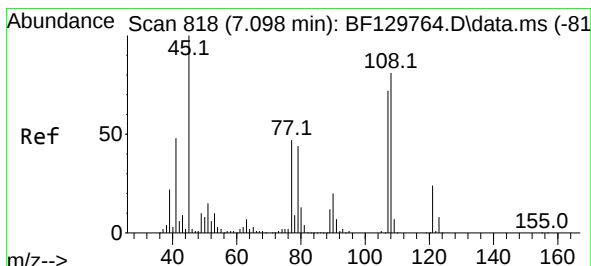
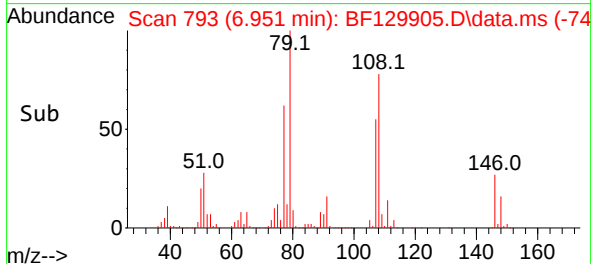
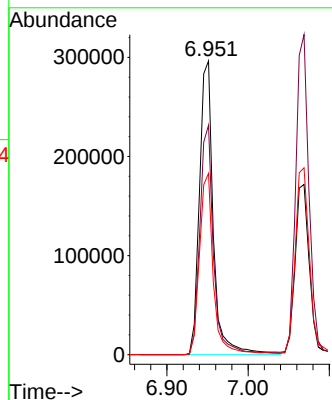
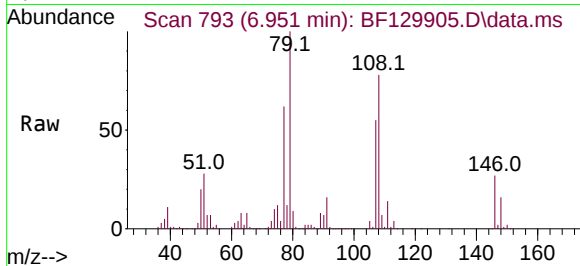




#15
Benzyl Alcohol
Concen: 43.724 ng
RT: 6.951 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

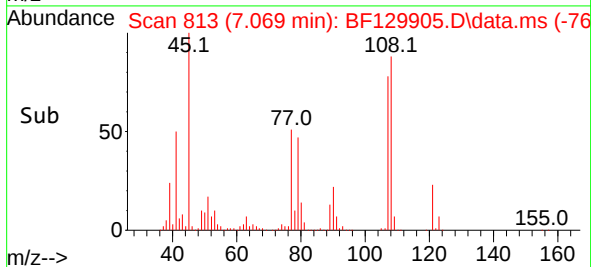
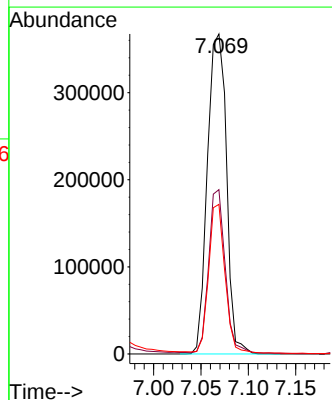
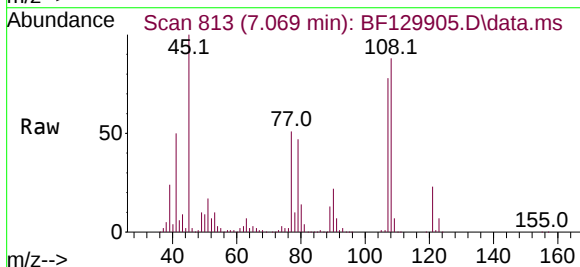
Instrument :
BNA_F
ClientSampleId :
PB146848BS

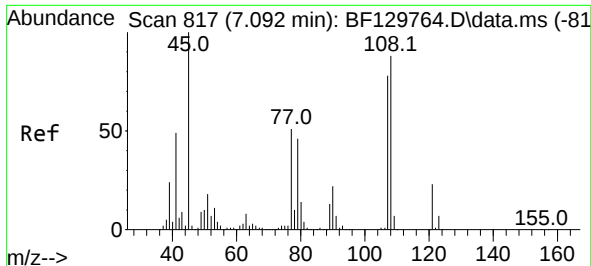
Tgt Ion: 79 Resp: 354177
Ion Ratio Lower Upper
79 100
108 78.1 59.2 88.8
77 61.7 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.934 ng
RT: 7.069 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

Tgt Ion: 45 Resp: 514190
Ion Ratio Lower Upper
45 100
77 51.3 27.4 67.4
79 46.8 24.4 64.4

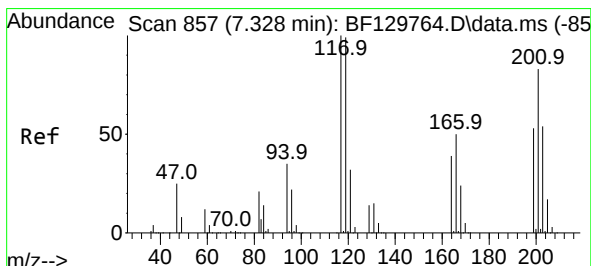
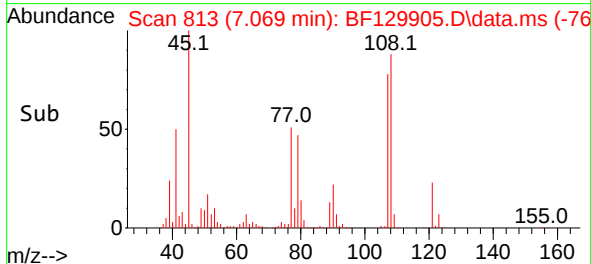
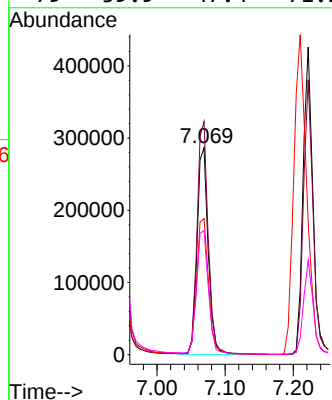
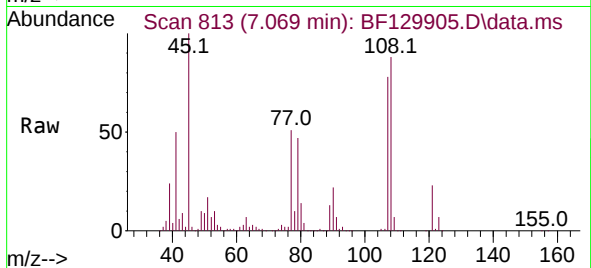




#17
2-Methylphenol
Concen: 42.854 ng
RT: 7.069 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

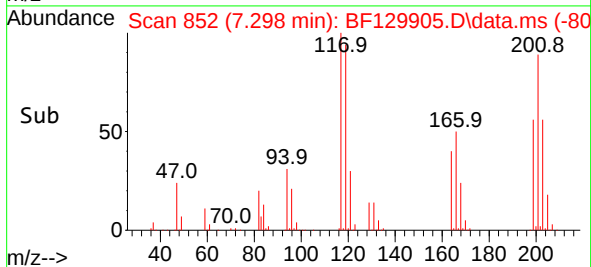
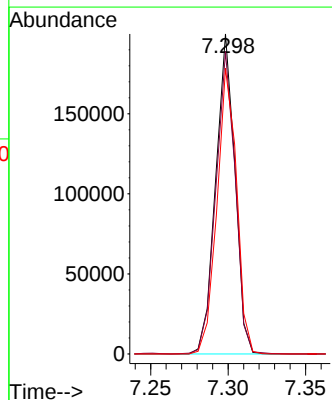
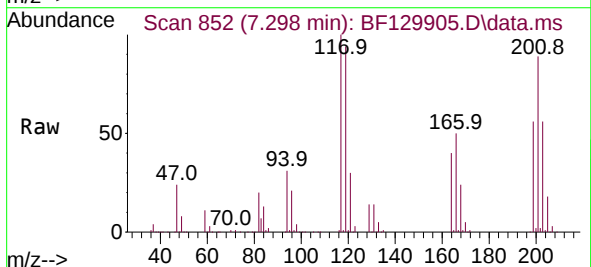
Instrument :
BNA_F
ClientSampleId :
PB146848BS

Tgt Ion:107 Resp: 328213
Ion Ratio Lower Upper
107 100
108 112.6 90.2 135.2
77 65.8 51.8 77.8
79 59.9 47.4 71.2



#18
Hexachloroethane
Concen: 43.616 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

Tgt Ion:117 Resp: 172334
Ion Ratio Lower Upper
117 100
119 94.5 79.1 118.7
201 89.2 66.6 100.0





#19

n-Nitroso-di-n-propylamine

Concen: 42.223 ng

RT: 7.210 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF129905.D

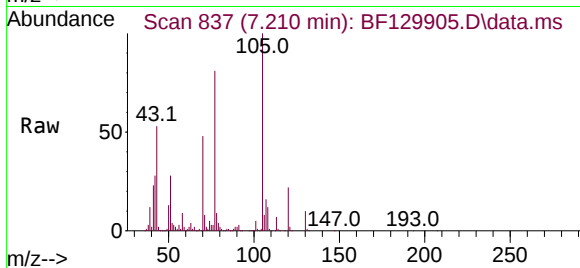
Acq: 19 Aug 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB146848BS



Tgt Ion: 70 Resp: 286366

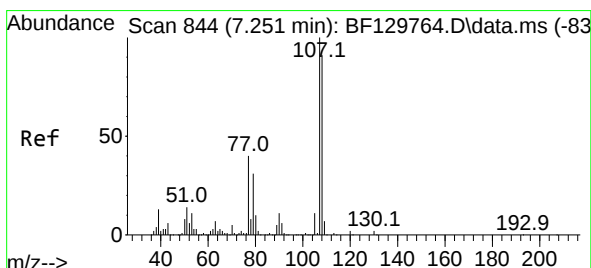
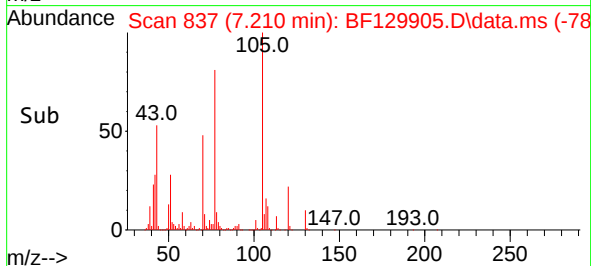
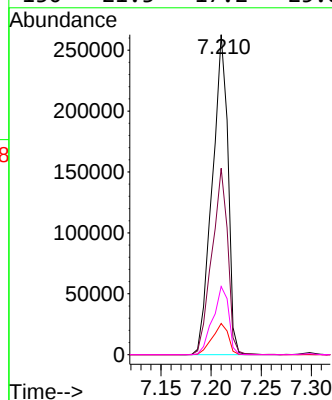
Ion Ratio Lower Upper

70 100

42 58.2 47.6 71.4

101 9.7 8.1 12.1

130 21.3 17.2 25.8



#20

3+4-Methylphenols

Concen: 41.879 ng

RT: 7.222 min Scan# 839

Delta R.T. 0.000 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

Tgt Ion: 107 Resp: 430549

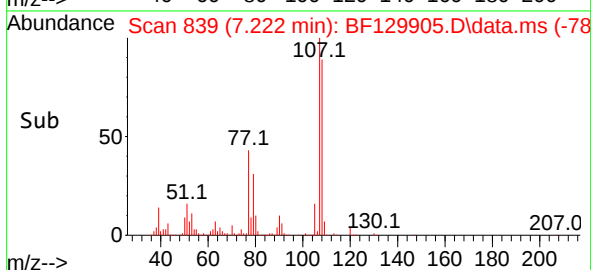
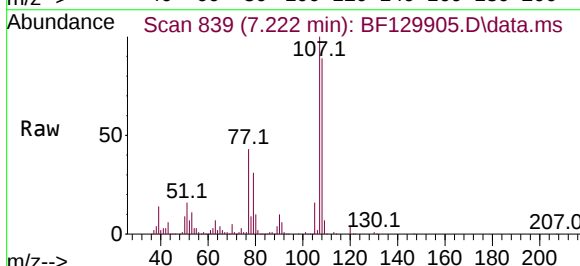
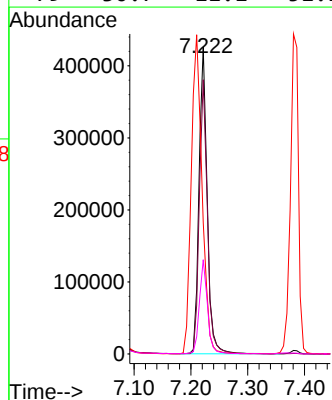
Ion Ratio Lower Upper

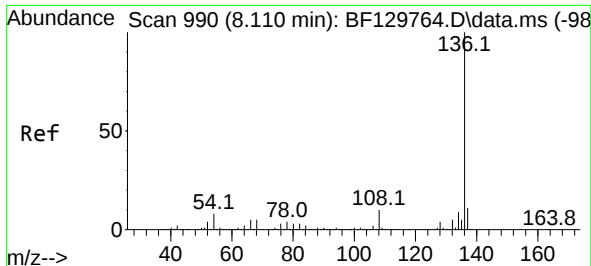
107 100

108 89.4 71.3 111.3

77 42.8 20.4 60.4

79 30.7 11.1 51.1



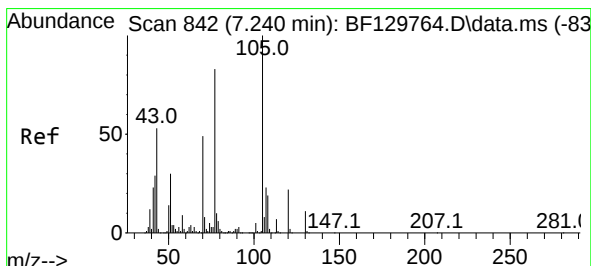
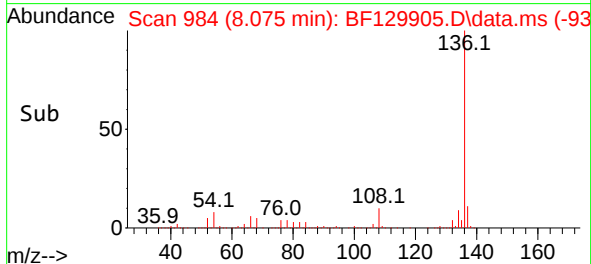
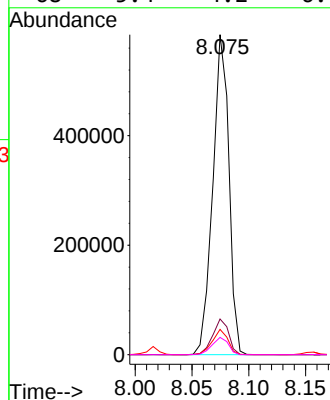
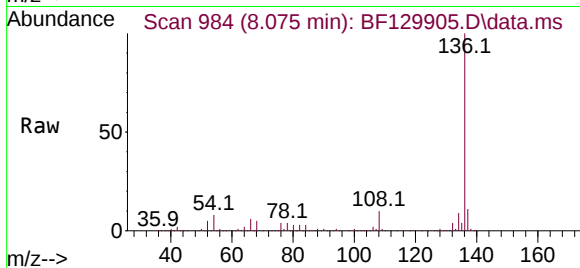


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

Instrument :
BNA_F
ClientSampleId :
PB146848BS

Tgt Ion:136 Resp: 577291

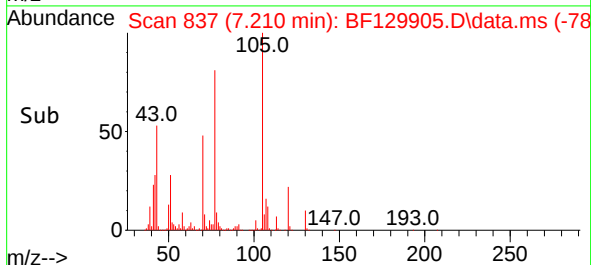
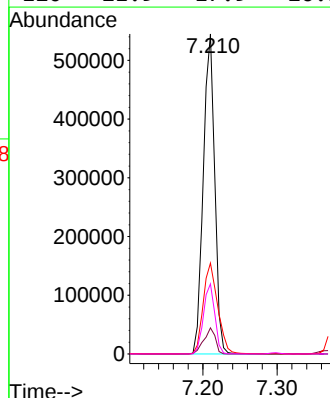
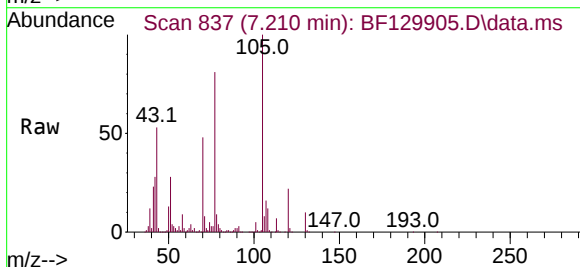
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	7.9	6.2	9.2
68	5.4	4.2	6.4



#22
Acetophenone
Concen: 41.704 ng
RT: 7.210 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

Tgt Ion:105 Resp: 586697

Ion	Ratio	Lower	Upper
105	100		
71	8.2	6.6	9.8
51	28.4	23.8	35.8
120	21.9	17.9	26.9





#23

Nitrobenzene-d5

Concen: 77.821 ng

RT: 7.363 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB146848BS

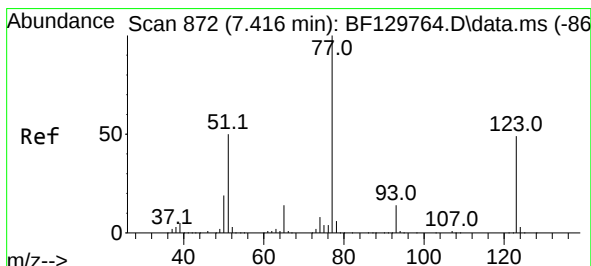
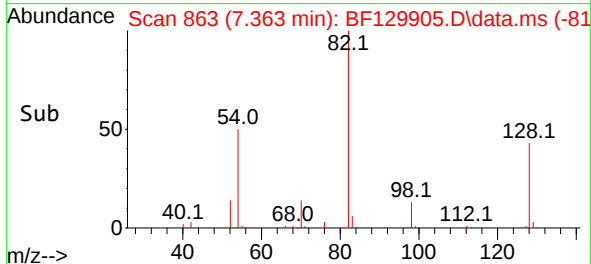
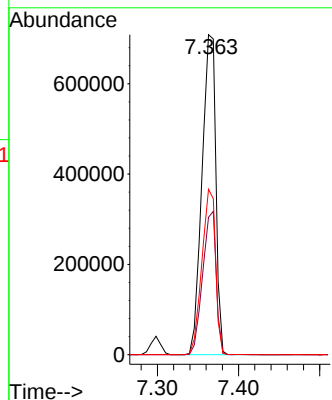
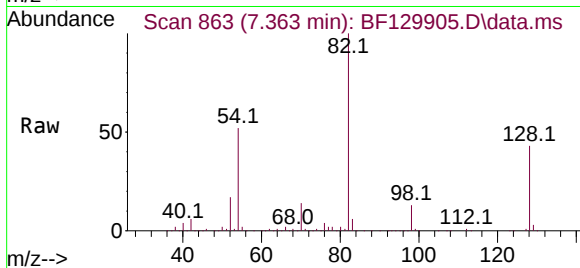
Tgt Ion: 82 Resp: 839226

Ion Ratio Lower Upper

82 100

128 42.9 36.1 54.1

54 51.7 40.0 60.0



#24

Nitrobenzene

Concen: 39.930 ng

RT: 7.381 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

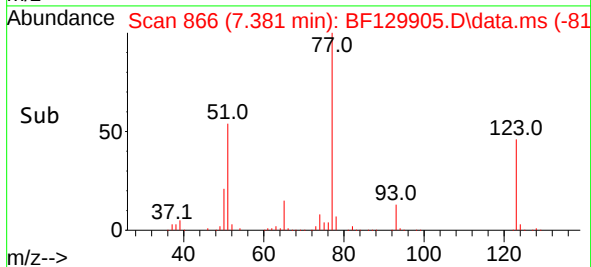
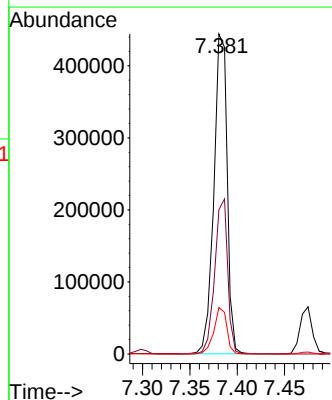
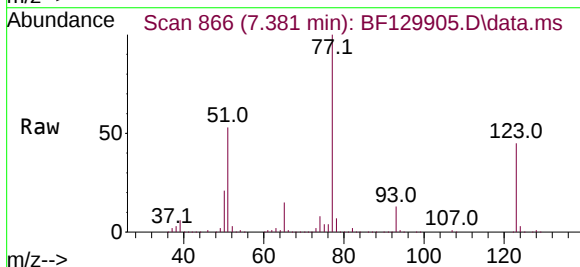
Tgt Ion: 77 Resp: 434209

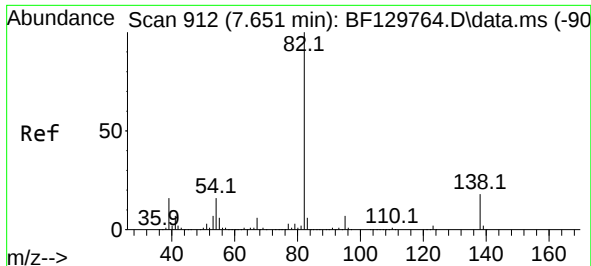
Ion Ratio Lower Upper

77 100

123 45.1 39.2 58.8

65 14.5 11.1 16.7

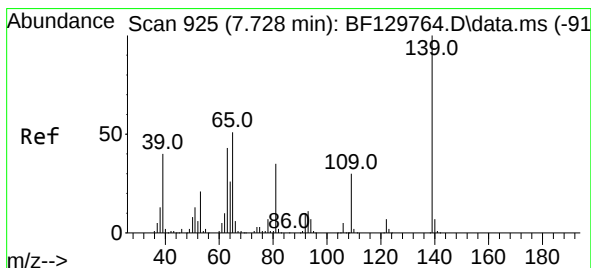
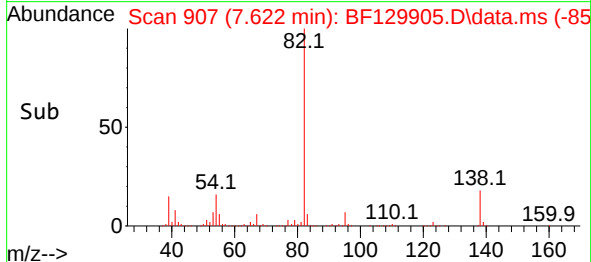
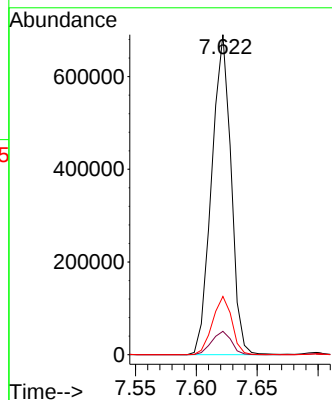
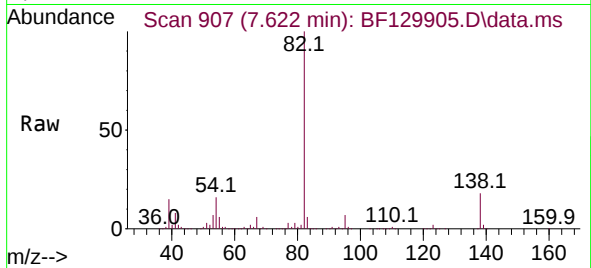




#25
Isophorone
Concen: 41.182 ng
RT: 7.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

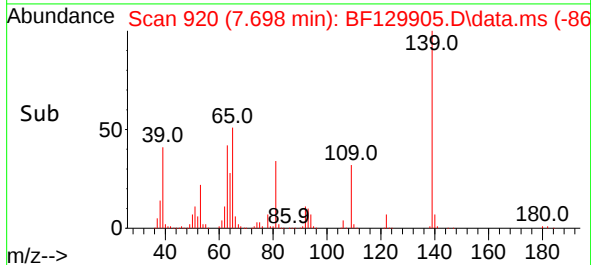
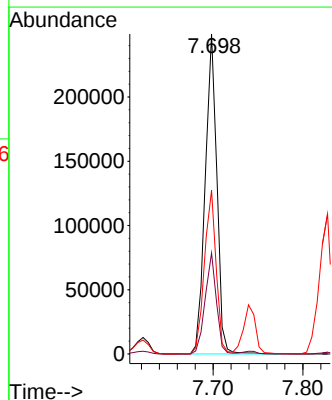
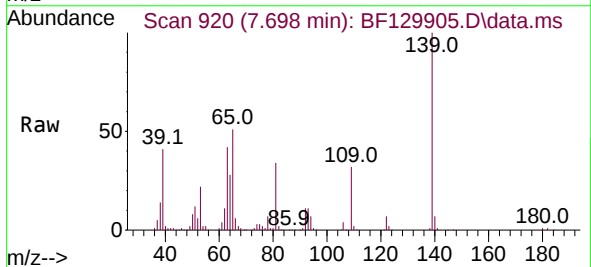
Instrument :
BNA_F
ClientSampleId :
PB146848BS

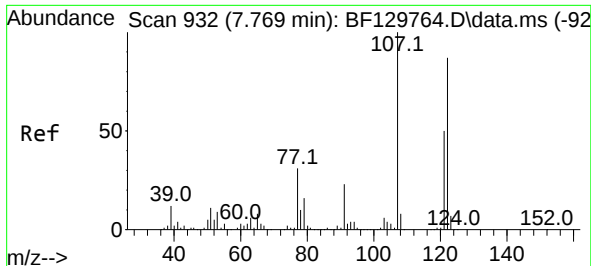
Tgt Ion: 82 Resp: 764381
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 18.2 14.6 21.8



#26
2-Nitrophenol
Concen: 41.965 ng
RT: 7.698 min Scan# 920
Delta R.T. 0.000 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

Tgt Ion:139 Resp: 224462
Ion Ratio Lower Upper
139 100
109 31.5 24.4 36.6
65 51.1 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 45.083 ng

RT: 7.739 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB146848BS

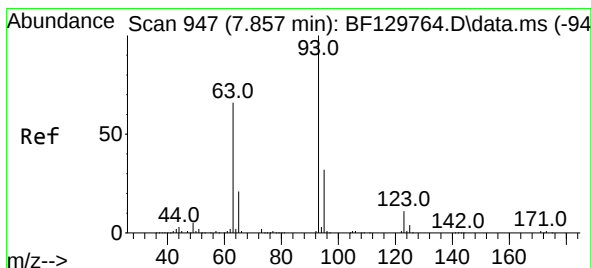
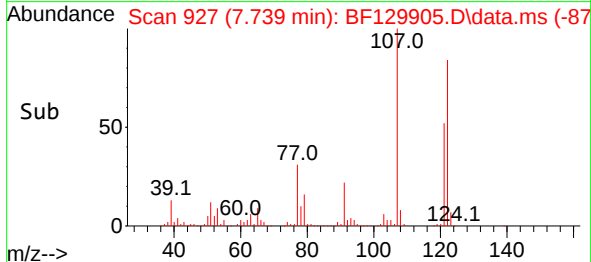
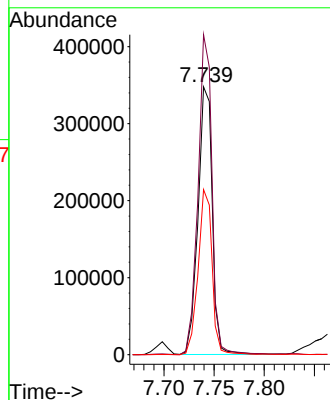
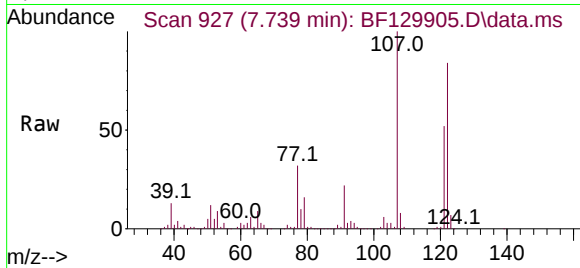
Tgt Ion:122 Resp: 345823

Ion Ratio Lower Upper

122 100

107 119.4 92.2 138.4

121 61.6 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 43.756 ng

RT: 7.828 min Scan# 942

Delta R.T. 0.000 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

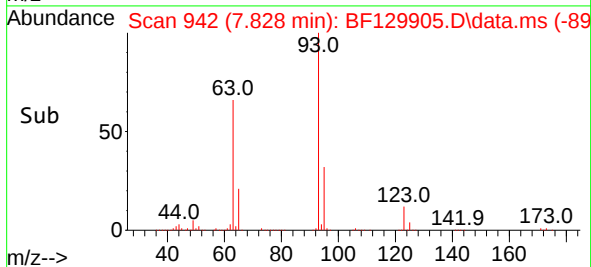
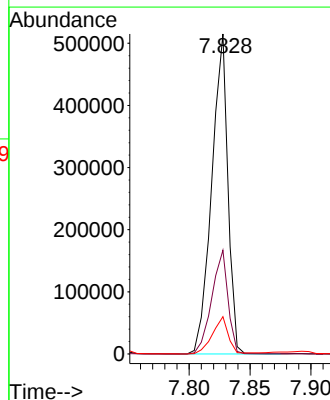
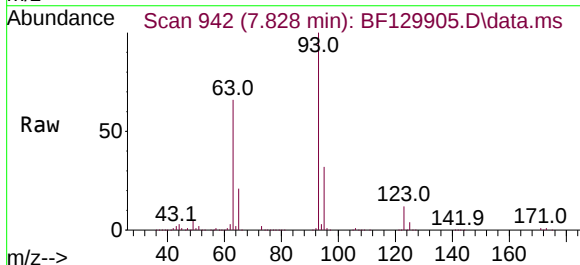
Tgt Ion: 93 Resp: 474196

Ion Ratio Lower Upper

93 100

95 32.4 25.6 38.4

123 11.6 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 40.021 ng

RT: 7.951 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB146848BS

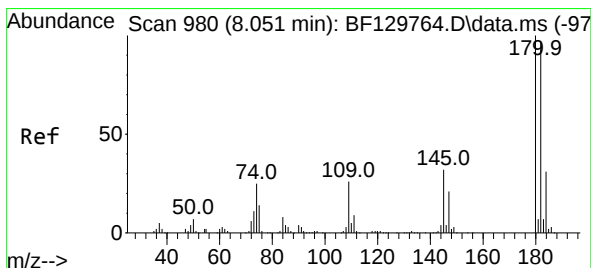
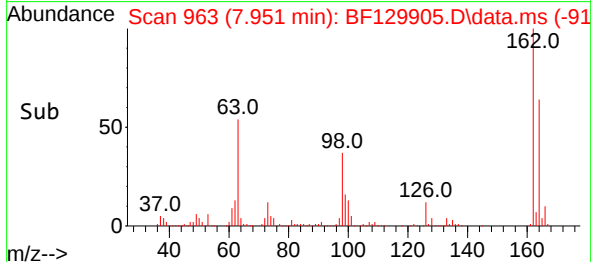
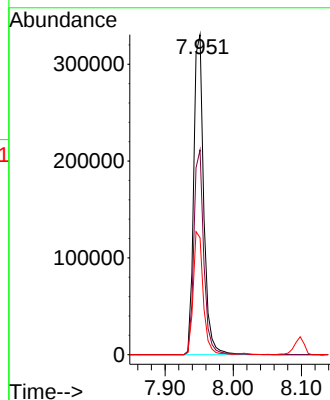
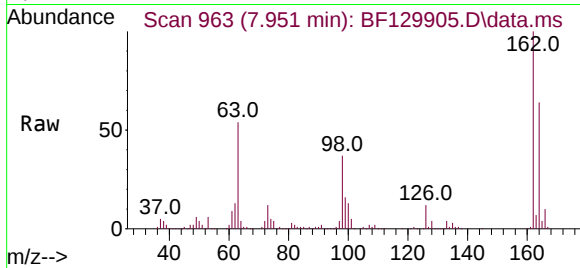
Tgt Ion:162 Resp: 335692

Ion Ratio Lower Upper

162 100

164 64.0 43.7 83.7

98 36.6 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 39.118 ng

RT: 8.016 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

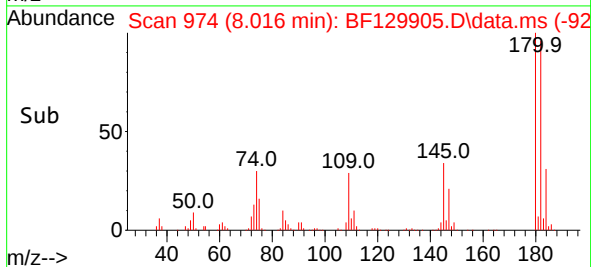
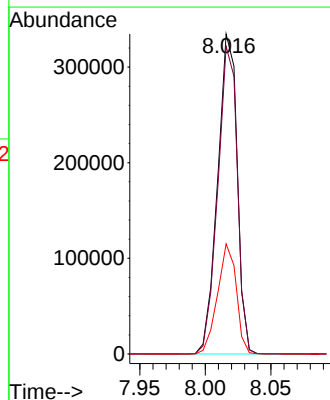
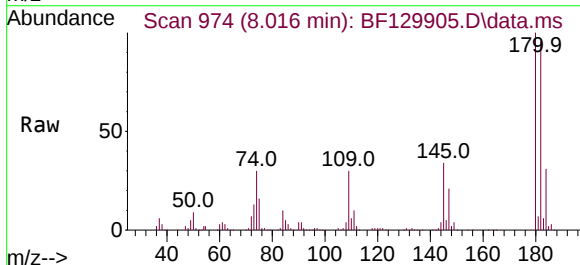
Tgt Ion:180 Resp: 346143

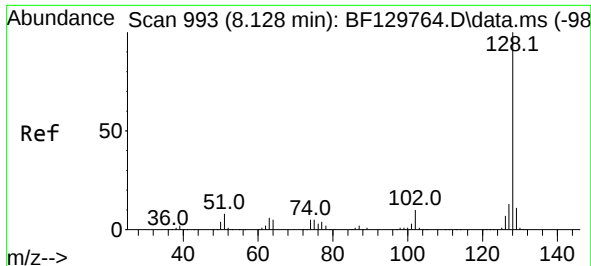
Ion Ratio Lower Upper

180 100

182 96.2 77.6 116.4

145 34.4 25.6 38.4

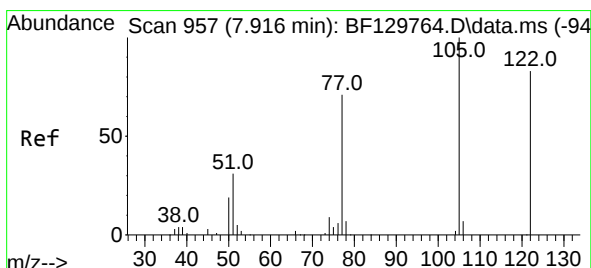
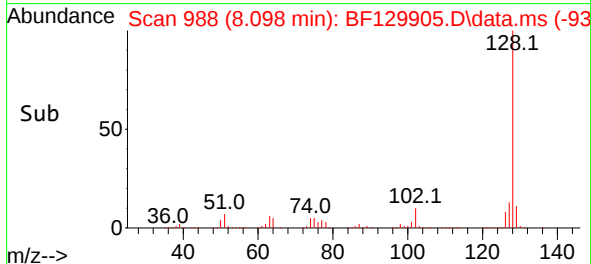
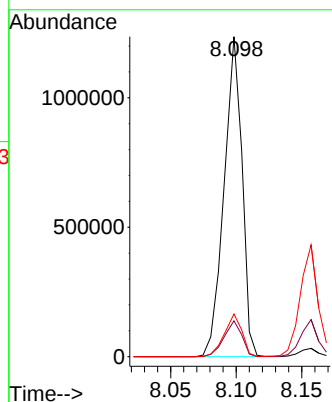
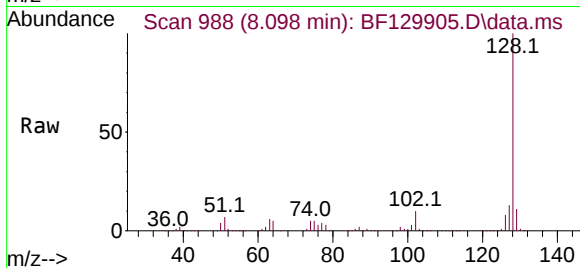




#31
Naphthalene
Concen: 38.950 ng
RT: 8.098 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

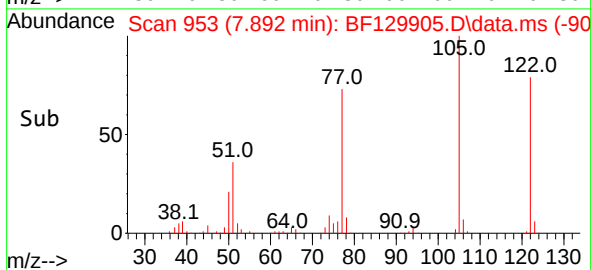
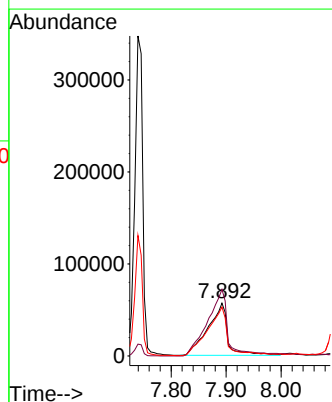
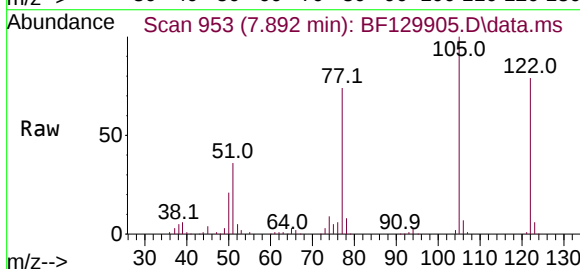
Instrument :
BNA_F
ClientSampleId :
PB146848BS

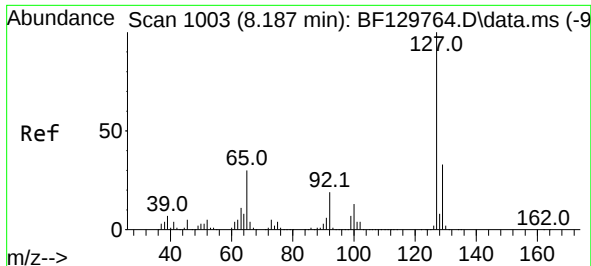
Tgt Ion:128 Resp: 1175677
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 43.035 ng
RT: 7.892 min Scan# 953
Delta R.T. 0.006 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

Tgt Ion:122 Resp: 142975
Ion Ratio Lower Upper
122 100
105 126.1 99.9 139.9
77 92.7 65.9 105.9

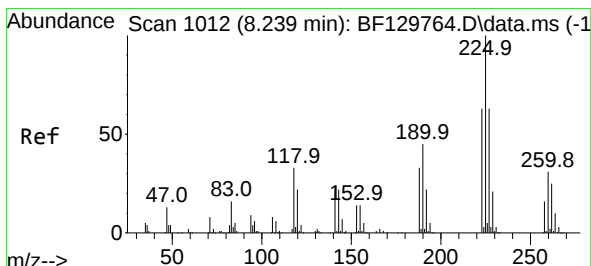
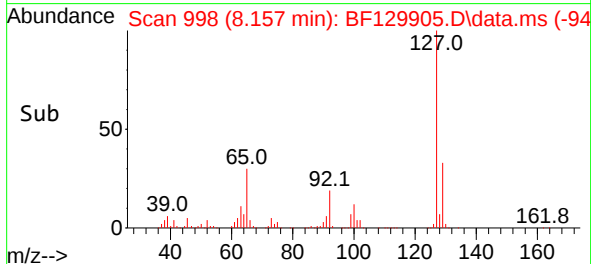
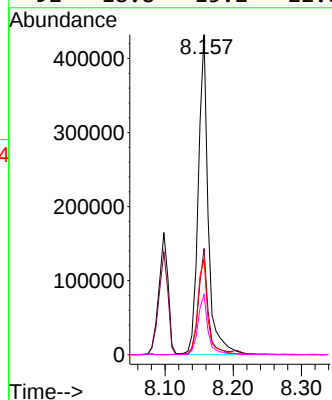
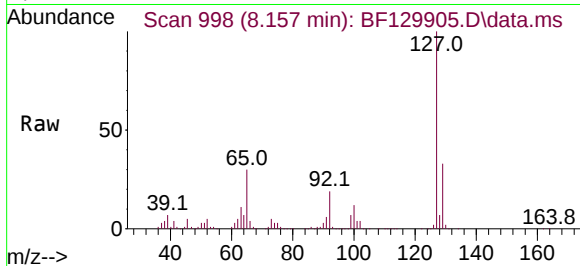




#33
4-Chloroaniline
Concen: 36.802 ng
RT: 8.157 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

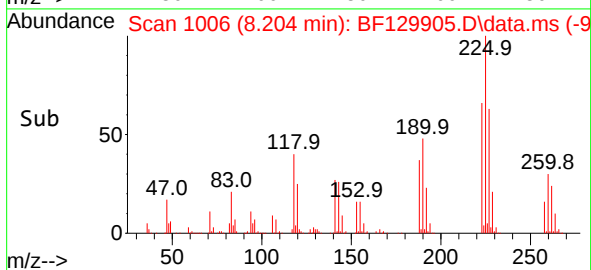
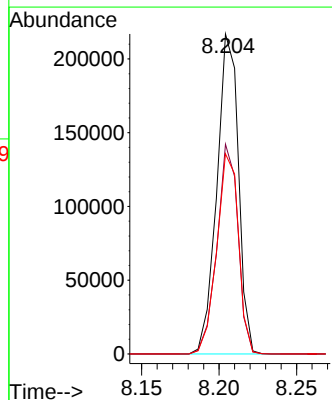
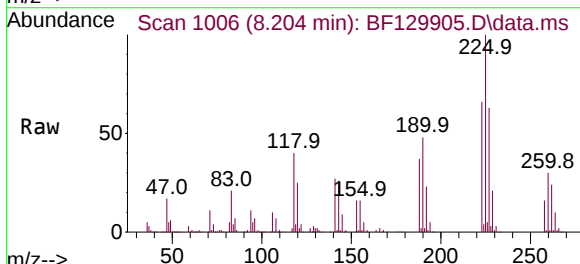
Instrument :
BNA_F
ClientSampleId :
PB146848BS

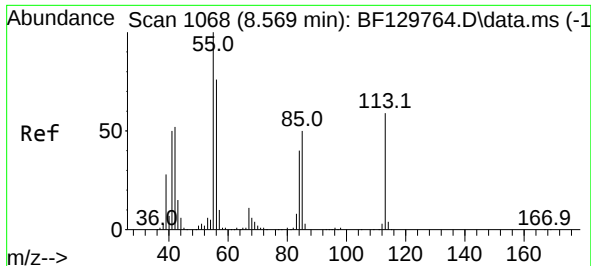
Tgt Ion:127	Resp: 436830
Ion Ratio	Lower Upper
127 100	
129 33.2	26.7 40.1
65 29.8	24.2 36.2
92 18.8	15.2 22.8



#34
Hexachlorobutadiene
Concen: 38.913 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

Tgt Ion:225	Resp: 209667		
Ion Ratio	Lower	Upper	
225	100		
223	65.5	50.2	75.2
227	62.6	50.6	75.8

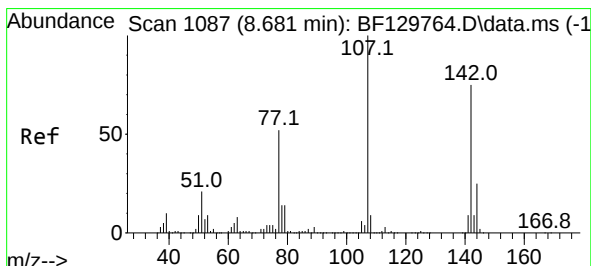
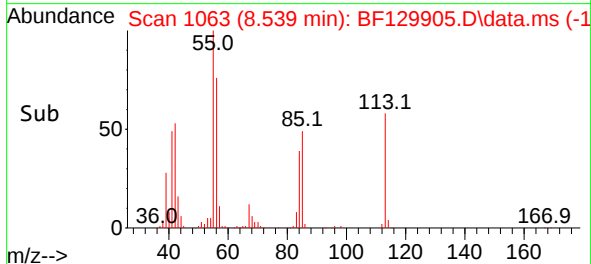
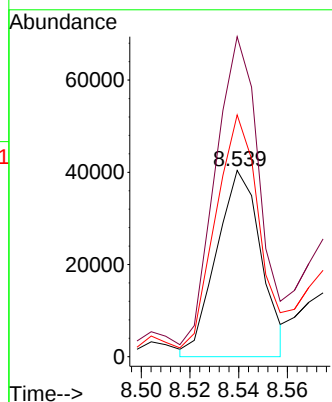
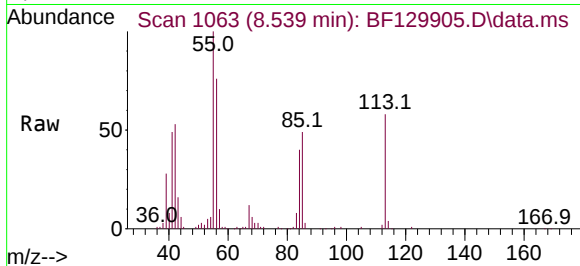




#35
 Caprolactam
 Concen: 19.767 ng
 RT: 8.539 min Scan# 1063
 Delta R.T. 0.000 min
 Lab File: BF129905.D
 Acq: 19 Aug 2022 11:18

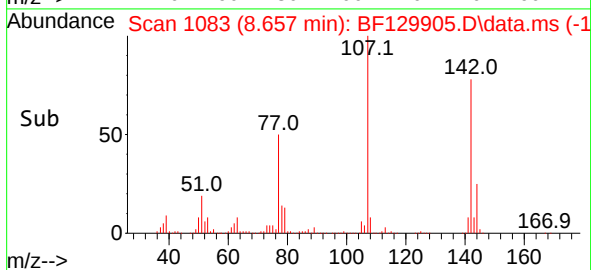
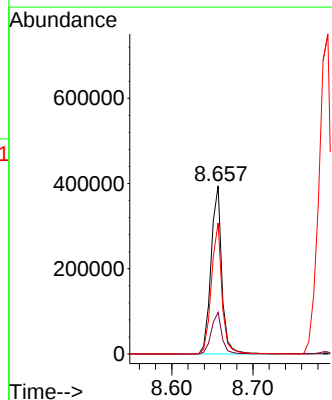
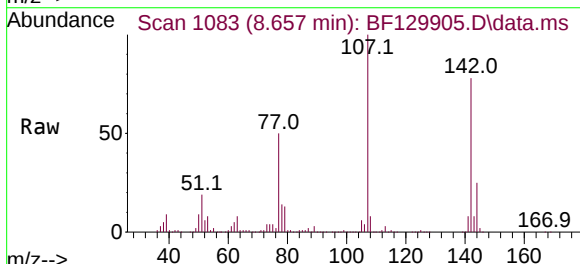
Instrument :
 BNA_F
 ClientSampleId :
 PB146848BS

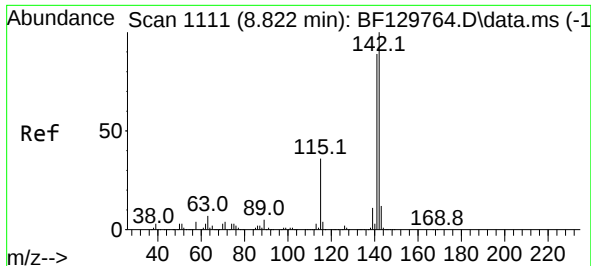
Tgt Ion:113 Resp: 51560
 Ion Ratio Lower Upper
 113 100
 55 171.8 148.8 188.8
 56 129.8 109.1 149.1



#36
 4-Chloro-3-methylphenol
 Concen: 40.045 ng
 RT: 8.657 min Scan# 1083
 Delta R.T. 0.006 min
 Lab File: BF129905.D
 Acq: 19 Aug 2022 11:18

Tgt Ion:107 Resp: 362364
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.9 29.9
 142 78.0 60.2 90.4

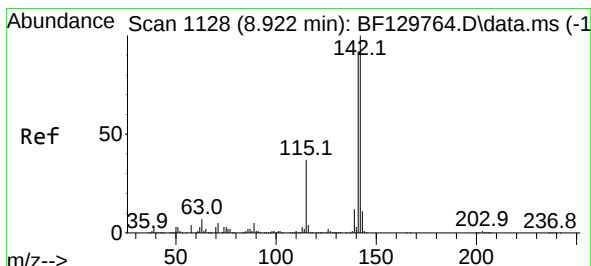
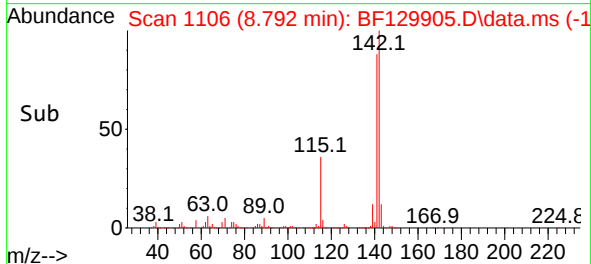
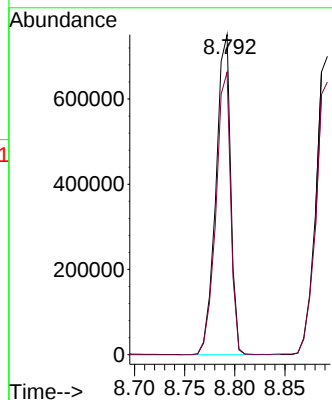
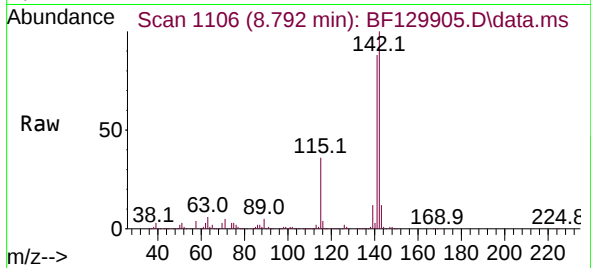




#37
2-Methylnaphthalene
Concen: 38.794 ng
RT: 8.792 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

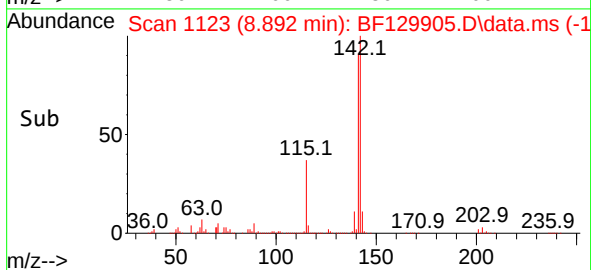
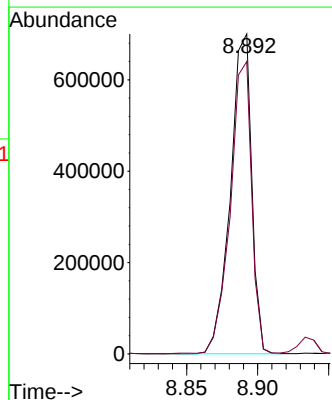
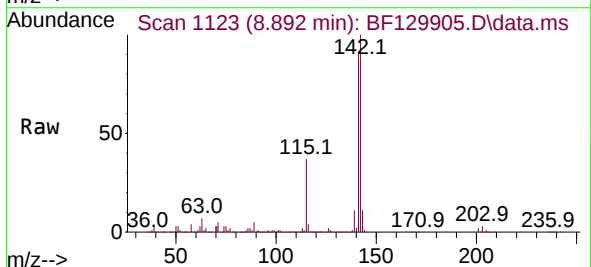
Instrument :
BNA_F
ClientSampleId :
PB146848BS

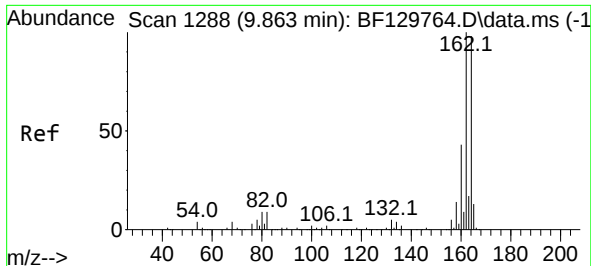
Tgt Ion:142 Resp: 768545
Ion Ratio Lower Upper
142 100
141 88.3 70.9 106.3



#38
1-Methylnaphthalene
Concen: 37.970 ng
RT: 8.892 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

Tgt Ion:142 Resp: 731045
Ion Ratio Lower Upper
142 100
141 91.3 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB146848BS

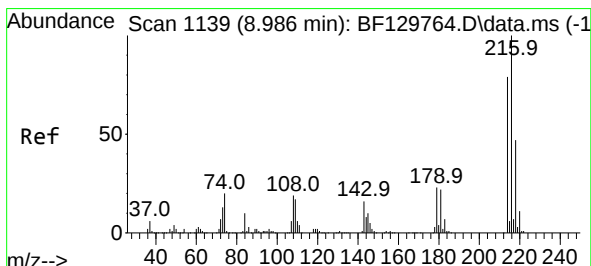
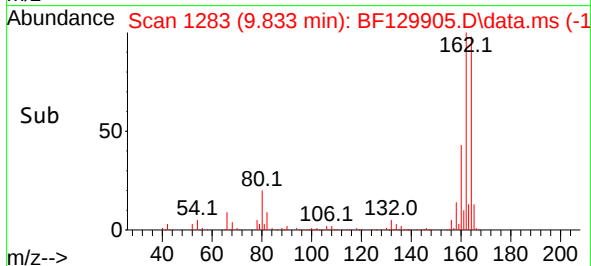
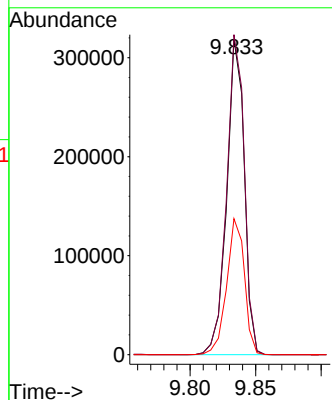
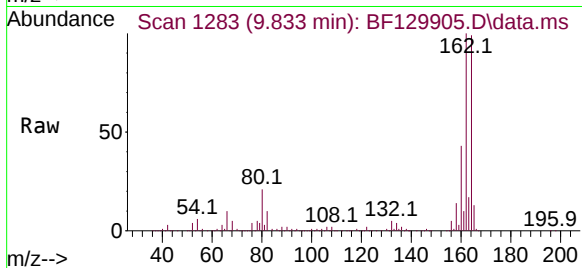
Tgt Ion:164 Resp: 295399

Ion Ratio Lower Upper

164 100

162 101.4 82.0 123.0

160 43.1 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.970 ng

RT: 8.957 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

Tgt Ion:216 Resp: 344825

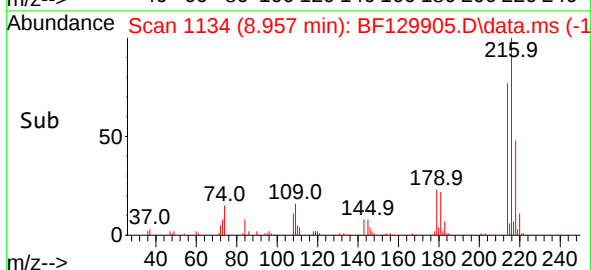
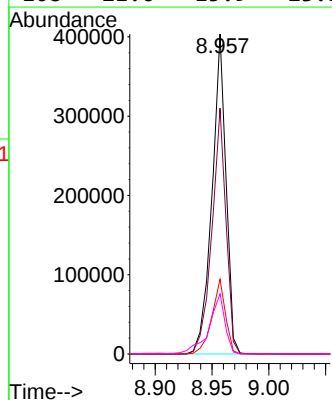
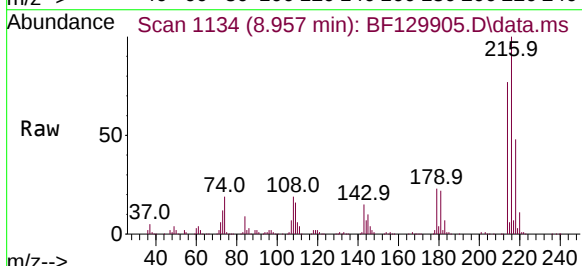
Ion Ratio Lower Upper

216 100

214 77.3 63.1 94.7

179 22.8 18.1 27.1

108 21.6 15.9 23.9

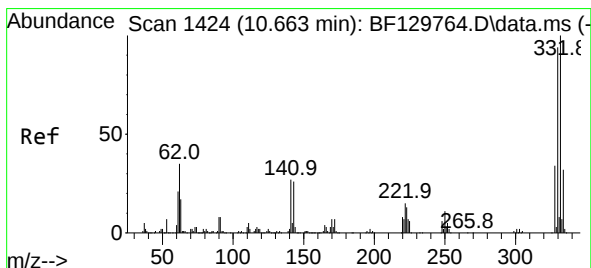
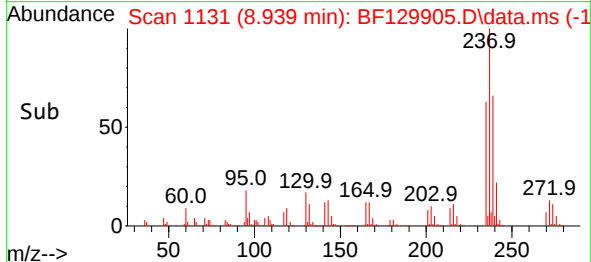
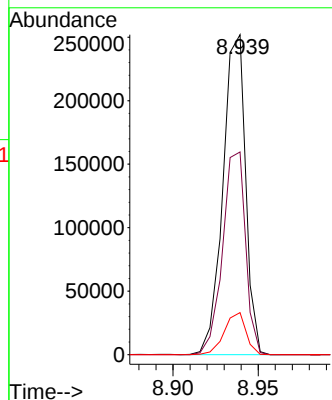
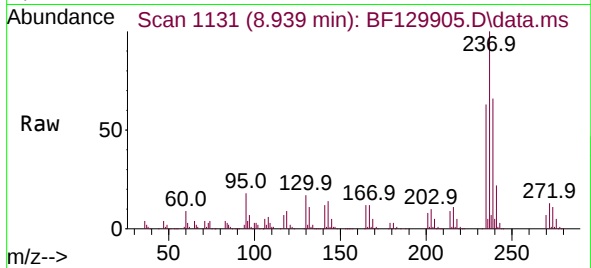




#41
Hexachlorocyclopentadiene
Concen: 84.750 ng
RT: 8.939 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

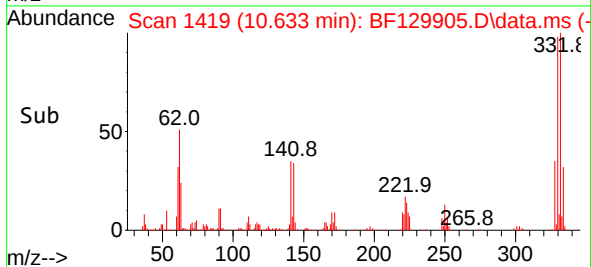
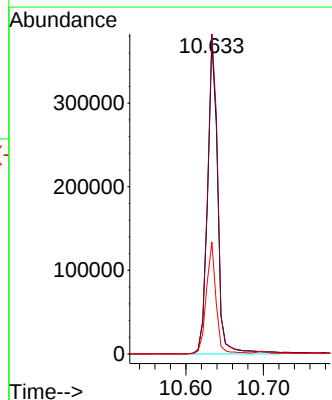
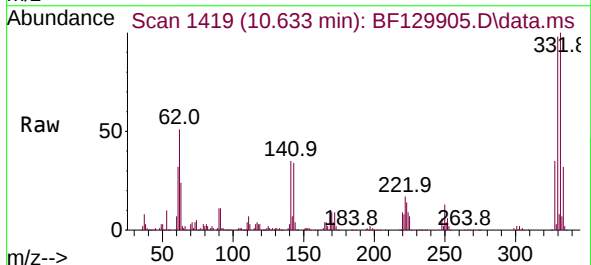
Instrument :
BNA_F
ClientSampleId :
PB146848BS

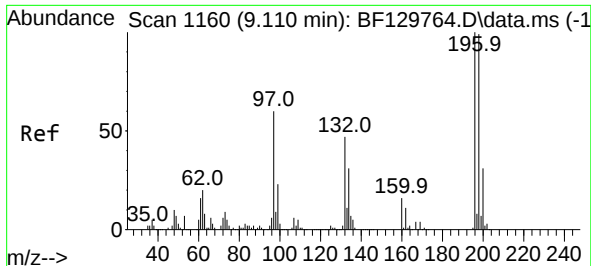
Tgt Ion:237 Resp: 233793
Ion Ratio Lower Upper
237 100
235 63.4 41.5 81.5
272 13.1 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 115.349 ng
RT: 10.633 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

Tgt Ion:330 Resp: 341984
Ion Ratio Lower Upper
330 100
332 103.9 82.6 124.0
141 34.1 27.6 41.4

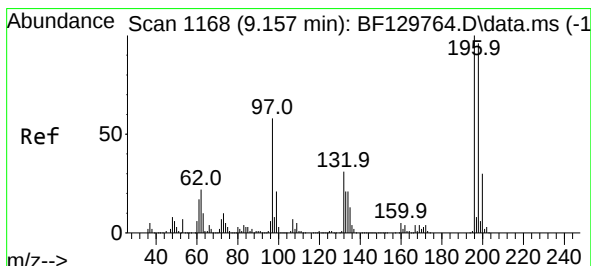
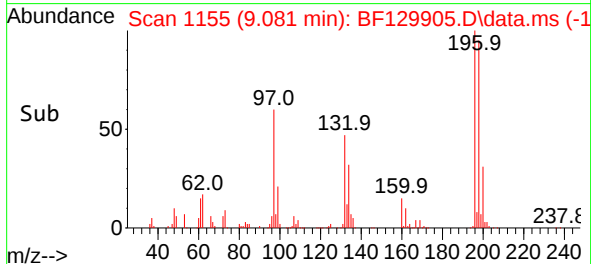
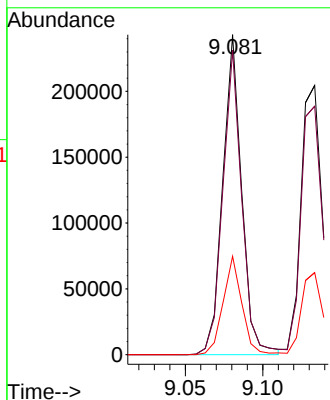
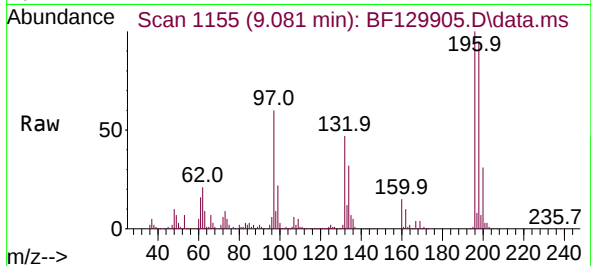




#43
2,4,6-Trichlorophenol
Concen: 38.703 ng
RT: 9.081 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

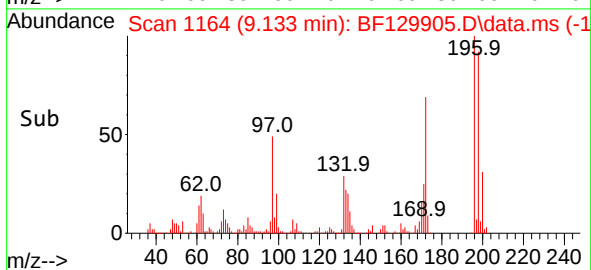
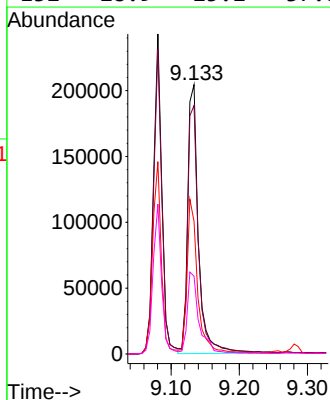
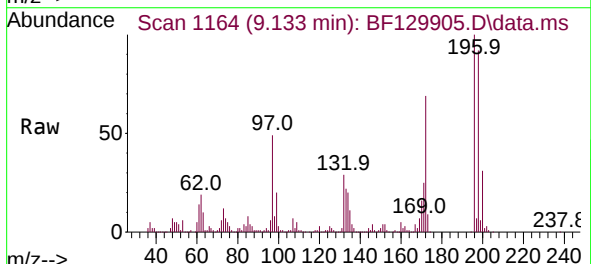
Instrument :
BNA_F
ClientSampleId :
PB146848BS

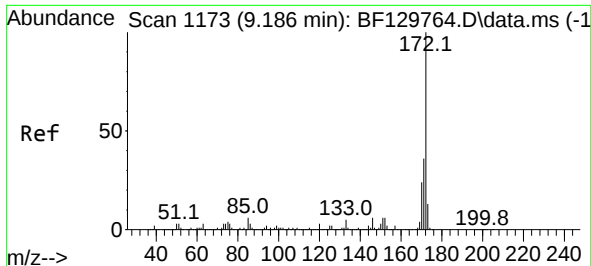
Tgt Ion:196 Resp: 206603
Ion Ratio Lower Upper
196 100
198 95.1 79.0 118.4
200 30.7 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 38.862 ng
RT: 9.133 min Scan# 1164
Delta R.T. 0.006 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

Tgt Ion:196 Resp: 223186
Ion Ratio Lower Upper
196 100
198 92.3 76.4 114.6
97 49.2 46.5 69.7
132 28.9 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 76.739 ng

RT: 9.151 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB146848BS

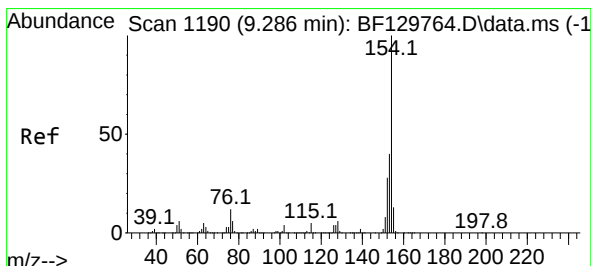
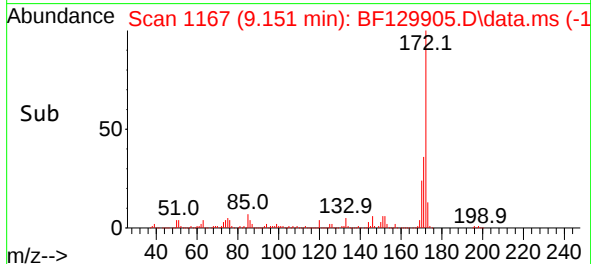
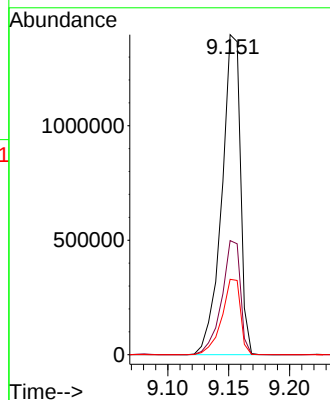
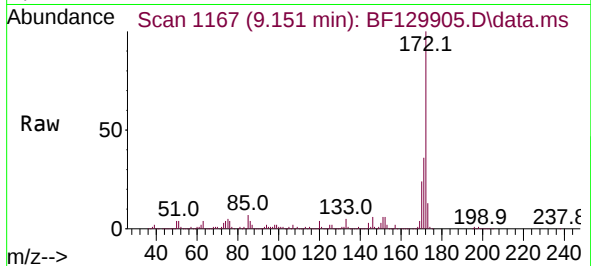
Tgt Ion:172 Resp: 1492529

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.5 19.1 28.7



#46

1,1'-Biphenyl

Concen: 40.913 ng

RT: 9.257 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

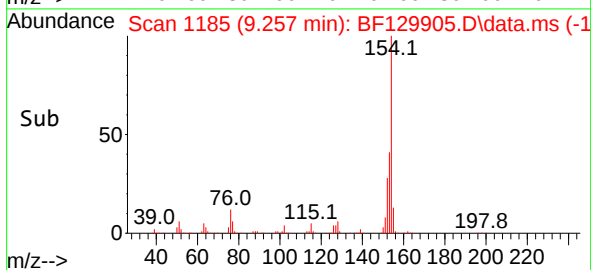
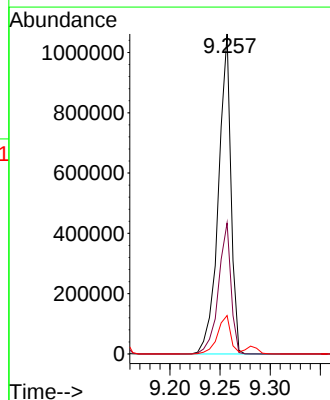
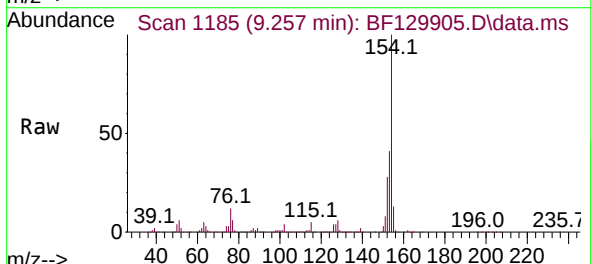
Tgt Ion:154 Resp: 918142

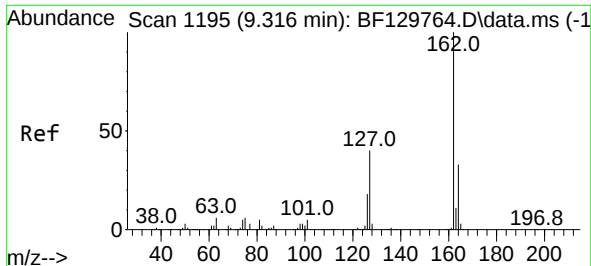
Ion Ratio Lower Upper

154 100

153 41.0 20.2 60.2

76 12.0 0.0 32.1





#47

2-Chloronaphthalene

Concen: 40.088 ng

RT: 9.281 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB146848BS

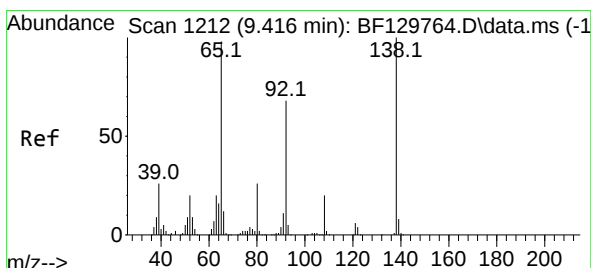
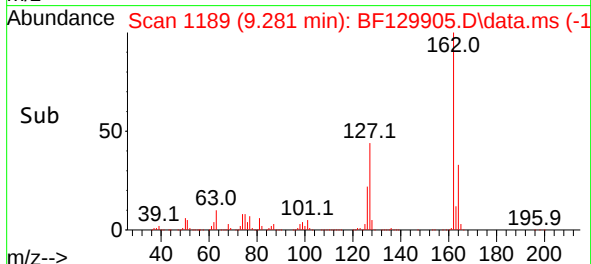
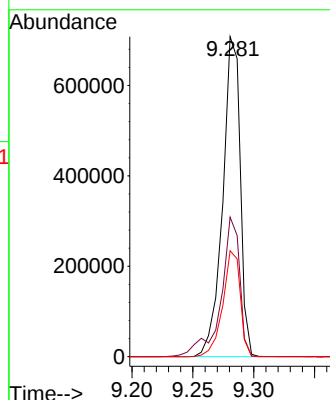
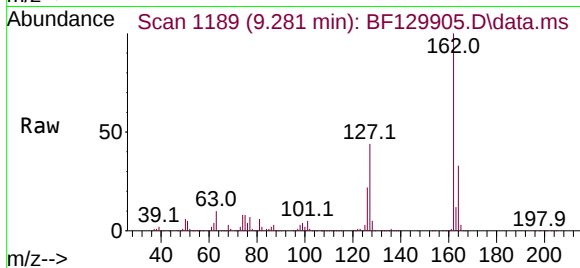
Tgt Ion:162 Resp: 711804

Ion Ratio Lower Upper

162 100

127 43.6 33.1 49.7

164 33.1 26.7 40.1



#48

2-Nitroaniline

Concen: 41.164 ng

RT: 9.392 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

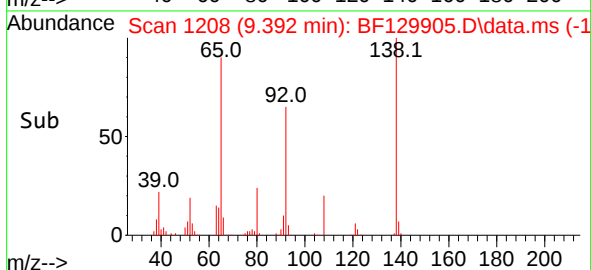
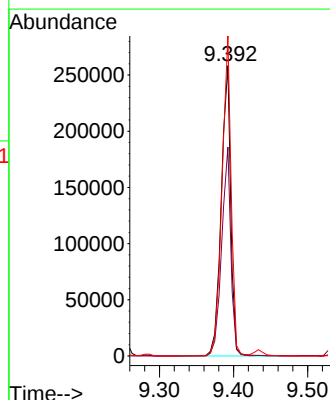
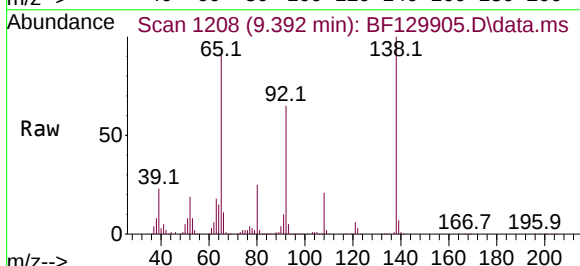
Tgt Ion: 65 Resp: 230986

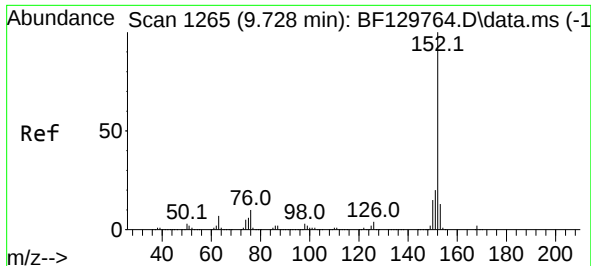
Ion Ratio Lower Upper

65 100

92 71.9 55.0 82.4

138 110.2 81.3 121.9





#49

Acenaphthylene

Concen: 39.416 ng

RT: 9.698 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB146848BS

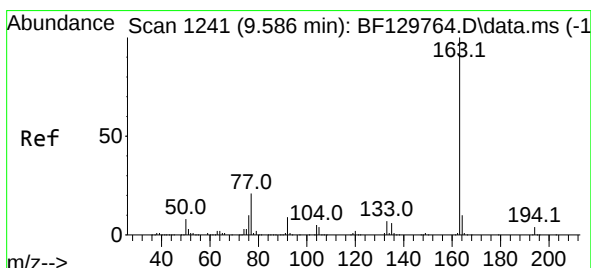
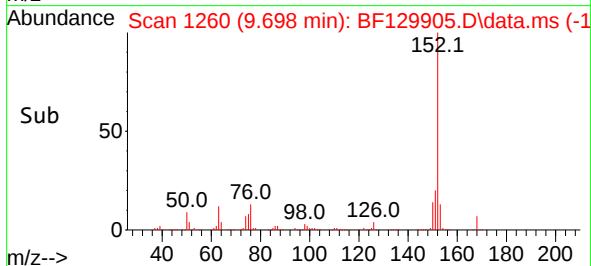
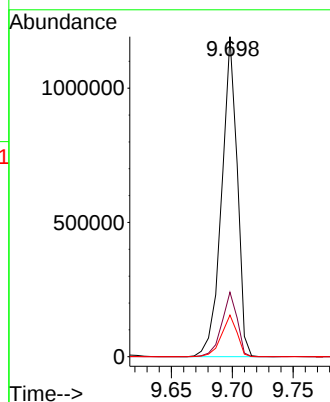
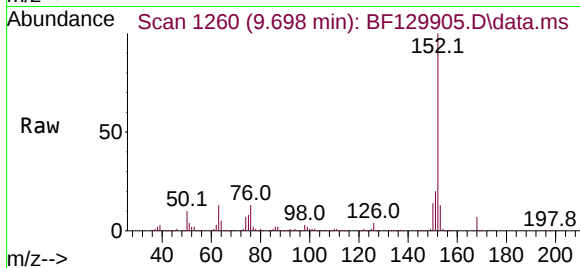
Tgt Ion:152 Resp: 1061316

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

153 13.0 10.6 16.0



#50

Dimethylphthalate

Concen: 38.339 ng

RT: 9.563 min Scan# 1237

Delta R.T. 0.006 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

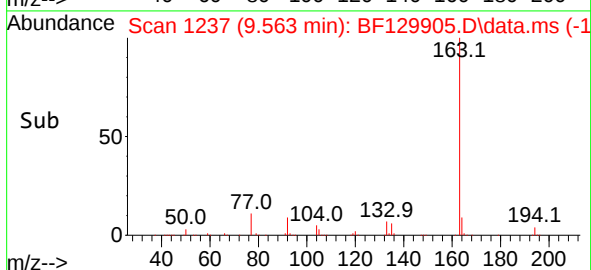
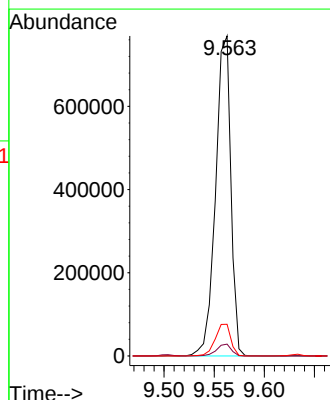
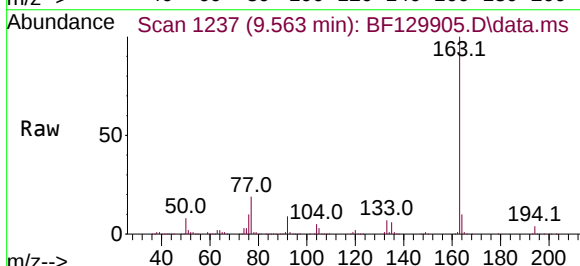
Tgt Ion:163 Resp: 811868

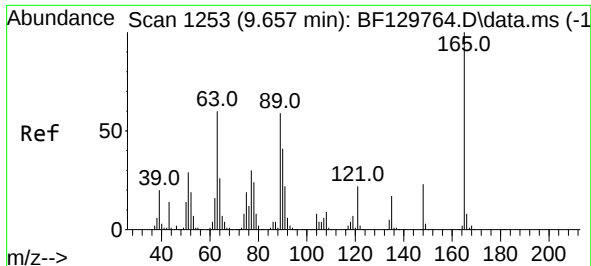
Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

164 9.9 8.2 12.2

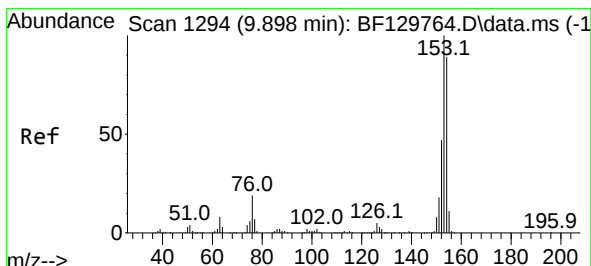
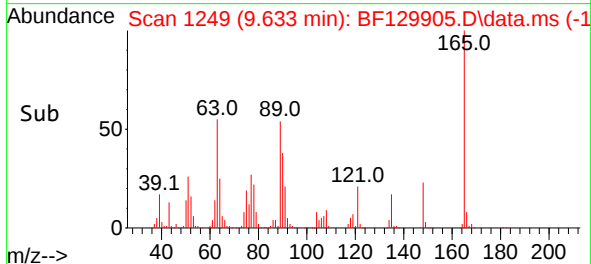
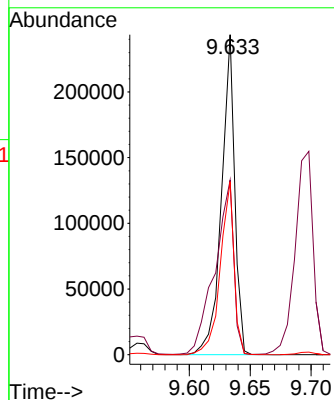
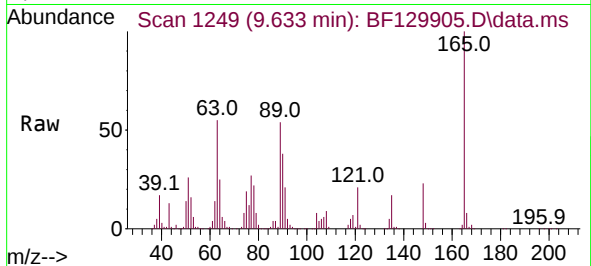




#51
2,6-Dinitrotoluene
Concen: 40.303 ng
RT: 9.633 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

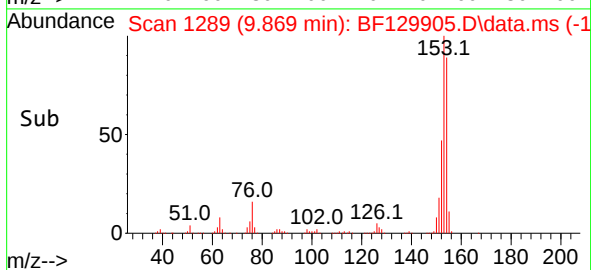
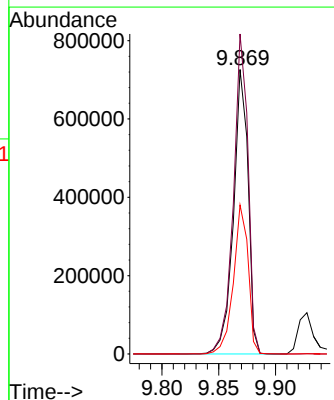
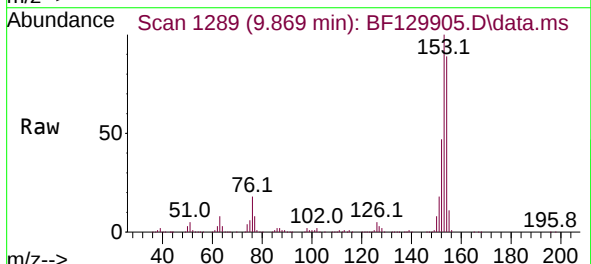
Instrument :
BNA_F
ClientSampleId :
PB146848BS

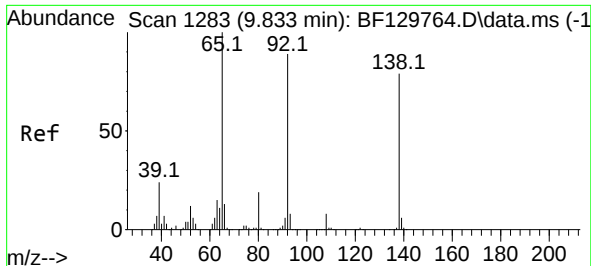
Tgt Ion:165 Resp: 185136
Ion Ratio Lower Upper
165 100
63 54.5 47.8 71.8
89 54.1 47.2 70.8



#52
Acenaphthene
Concen: 39.741 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

Tgt Ion:154 Resp: 649201
Ion Ratio Lower Upper
154 100
153 112.5 89.8 134.6
152 52.4 42.1 63.1

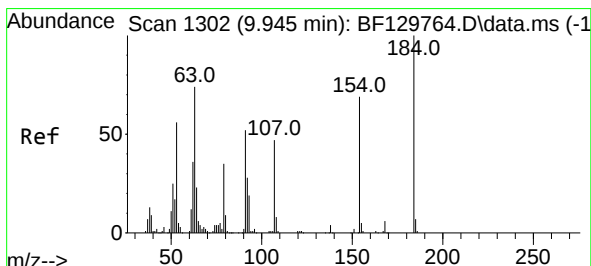
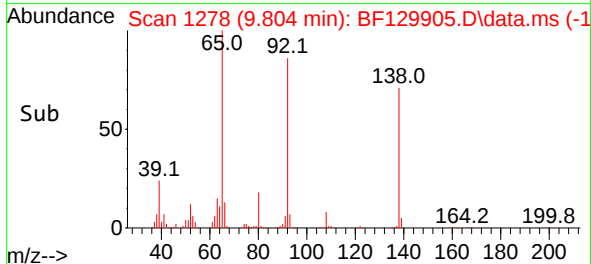
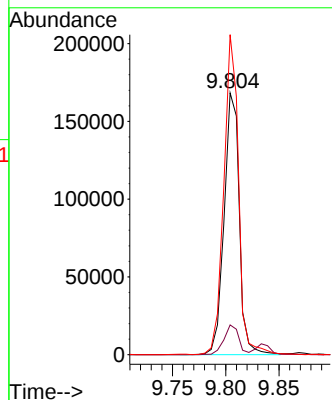
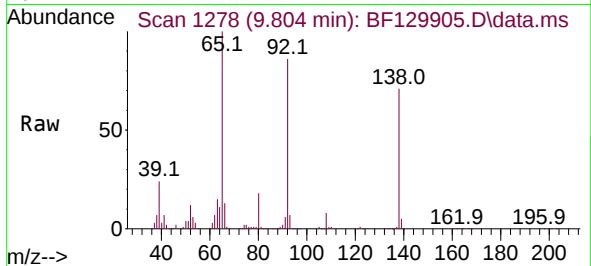




#53
3-Nitroaniline
Concen: 32.779 ng
RT: 9.804 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

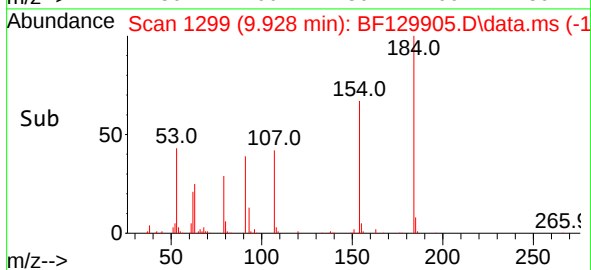
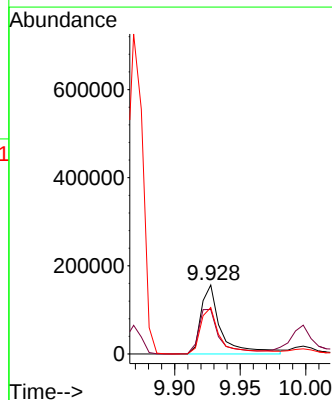
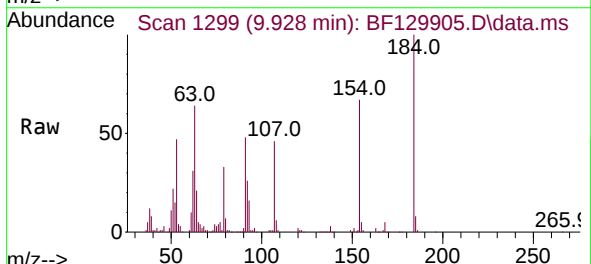
Instrument :
BNA_F
ClientSampleId :
PB146848BS

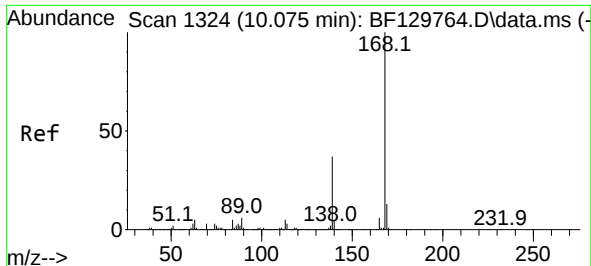
Tgt Ion:138 Resp: 166520
Ion Ratio Lower Upper
138 100
108 11.3 8.4 12.6
92 122.2 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 80.104 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

Tgt Ion:184 Resp: 166382
Ion Ratio Lower Upper
184 100
63 64.5 59.6 89.4
154 67.4 55.3 82.9

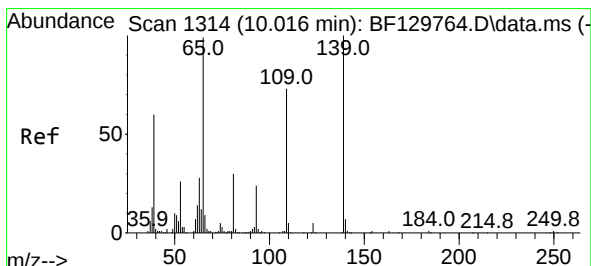
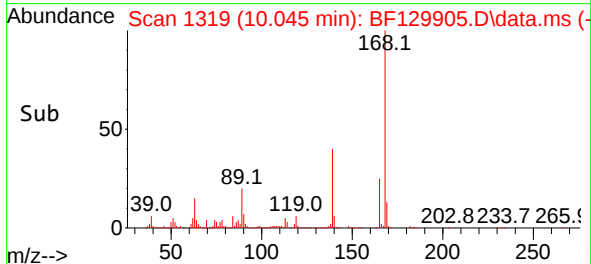
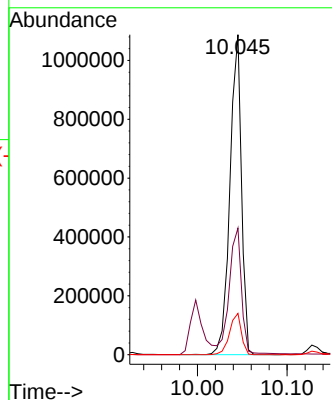
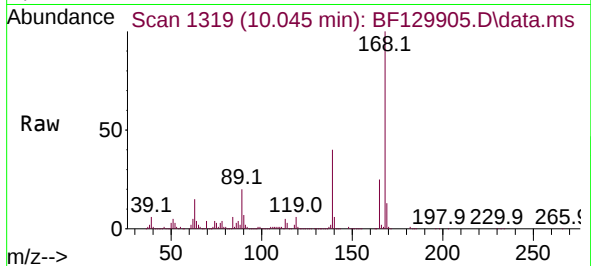




#55
Dibenzenofuran
Concen: 39.449 ng
RT: 10.045 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

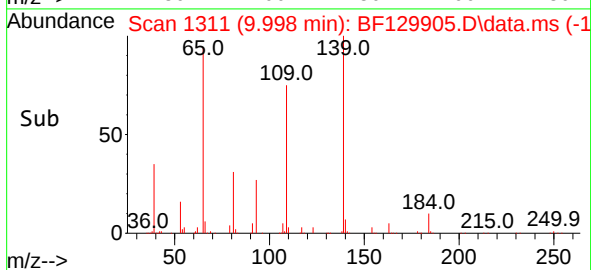
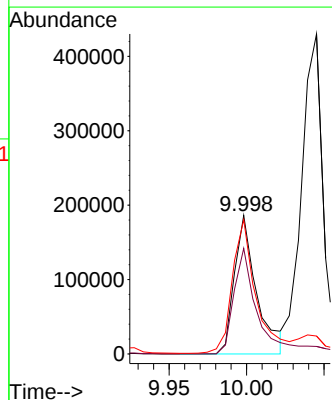
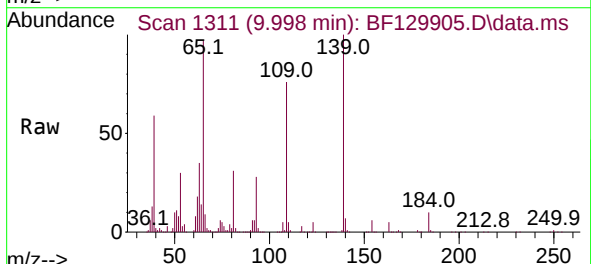
Instrument :
BNA_F
ClientSampleId :
PB146848BS

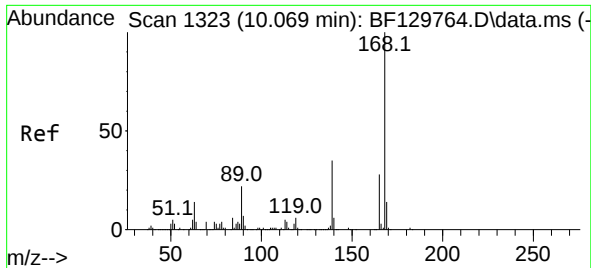
Tgt Ion:168 Resp: 968175
Ion Ratio Lower Upper
168 100
139 39.6 31.3 46.9
169 12.9 10.7 16.1



#56
4-Nitrophenol
Concen: 82.251 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

Tgt Ion:139 Resp: 185887
Ion Ratio Lower Upper
139 100
109 76.2 52.9 92.9
65 96.9 79.5 119.5

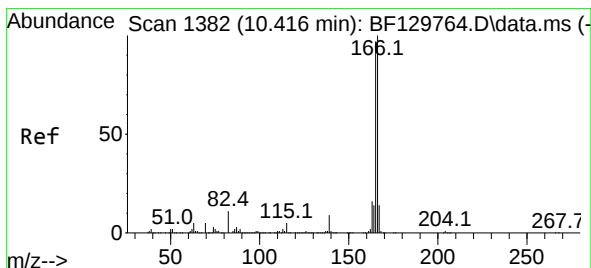
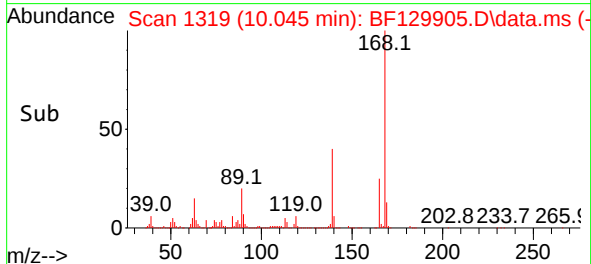
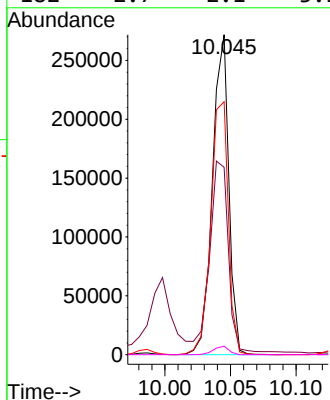
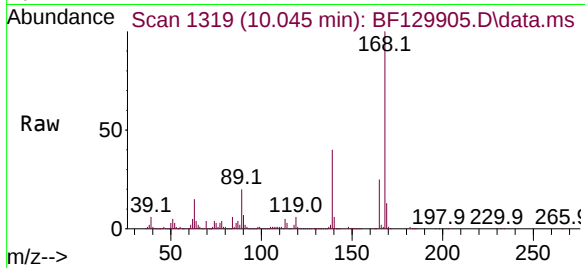




#57
2,4-Dinitrotoluene
Concen: 39.553 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

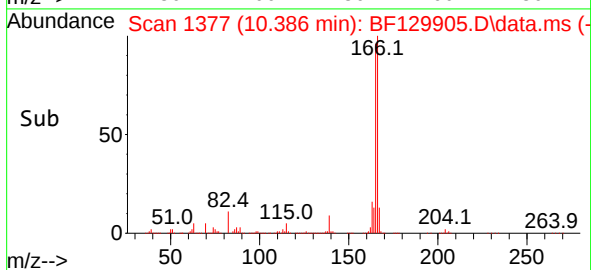
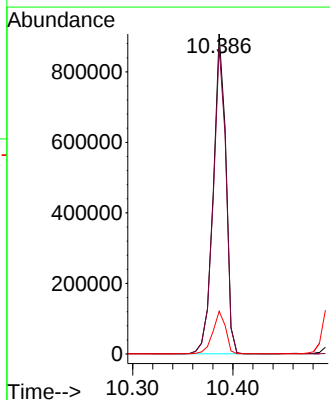
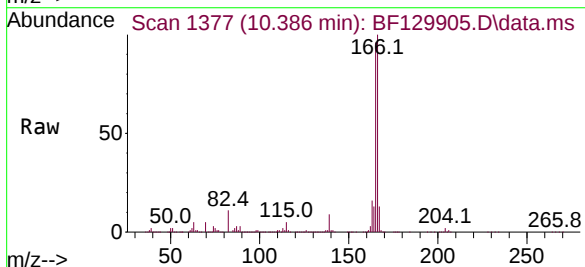
Instrument :
BNA_F
ClientSampleId :
PB146848BS

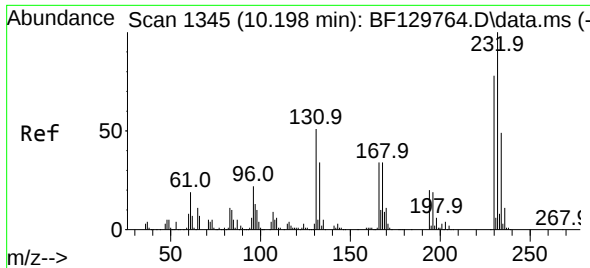
Tgt Ion:165 Resp: 235861
Ion Ratio Lower Upper
165 100
63 58.6 48.4 72.6
89 79.0 62.3 93.5
182 2.7 2.1 3.1



#58
Fluorene
Concen: 38.705 ng
RT: 10.386 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

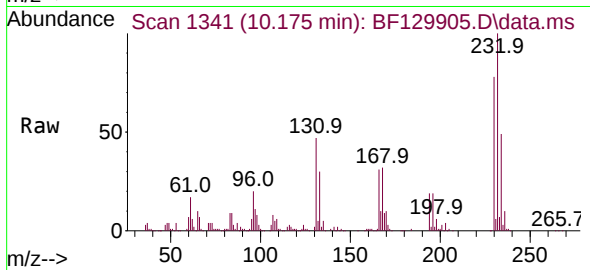
Tgt Ion:166 Resp: 793151
Ion Ratio Lower Upper
166 100
165 96.0 77.9 116.9
167 13.4 11.0 16.4



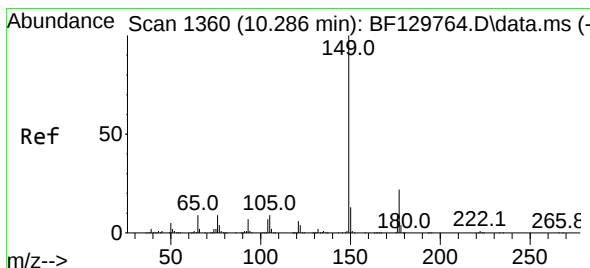
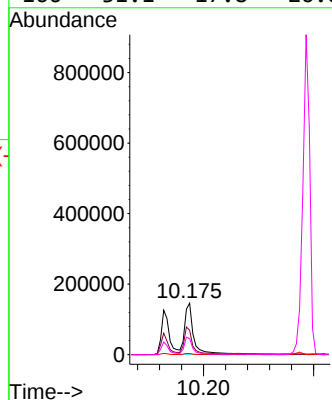
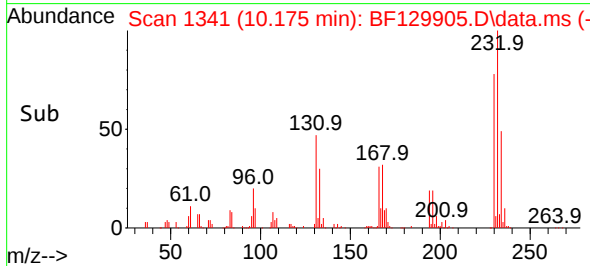


#59
2,3,4,6-Tetrachlorophenol
Concen: 39.376 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

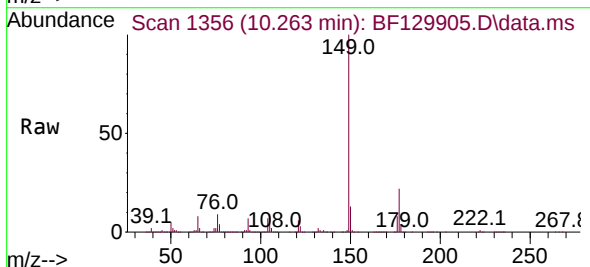
Instrument :
BNA_F
ClientSampleId :
PB146848BS



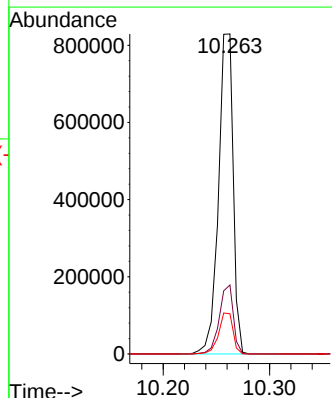
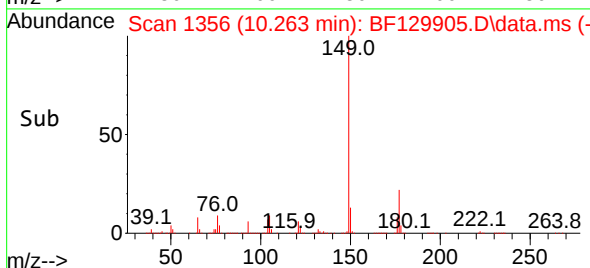
Tgt Ion:232 Resp: 165958
Ion Ratio Lower Upper
232 100
131 50.5 29.9 44.9#
130 2.2 1.5 2.3
166 31.1 17.8 26.8#

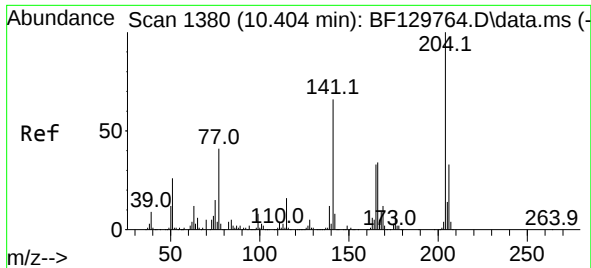


#60
Diethylphthalate
Concen: 37.667 ng
RT: 10.263 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18



Tgt Ion:149 Resp: 795341
Ion Ratio Lower Upper
149 100
177 21.5 17.7 26.5
150 12.5 10.1 15.1

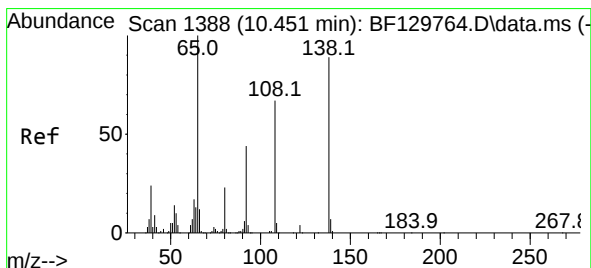
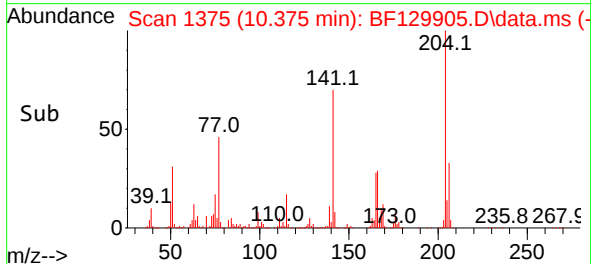
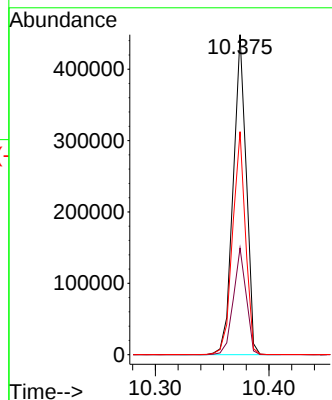
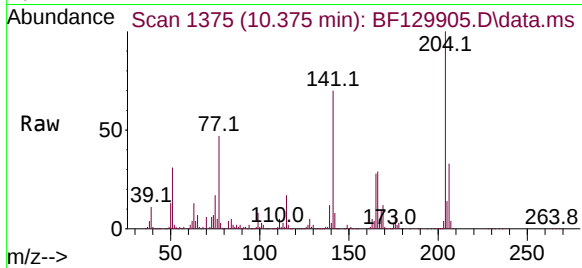




#61
4-Chlorophenyl-phenylether
Concen: 38.861 ng
RT: 10.375 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

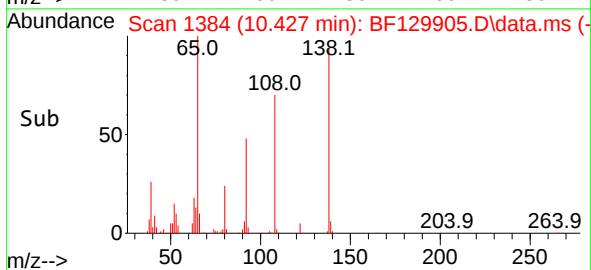
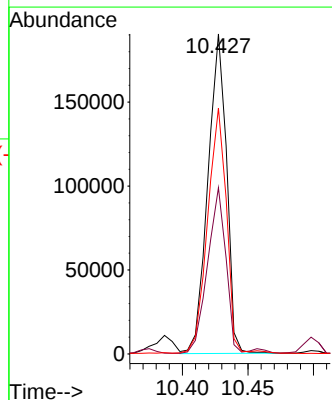
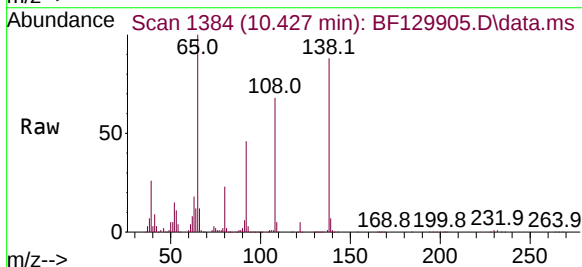
Instrument :
BNA_F
ClientSampleId :
PB146848BS

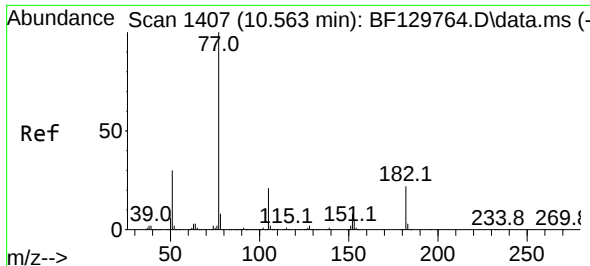
Tgt Ion:204 Resp: 357364
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 69.7 52.6 79.0



#62
4-Nitroaniline
Concen: 36.740 ng
RT: 10.427 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

Tgt Ion:138 Resp: 188290
Ion Ratio Lower Upper
138 100
92 52.0 30.3 70.3
108 76.8 55.7 95.7

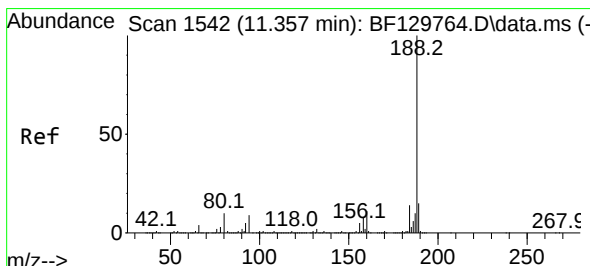
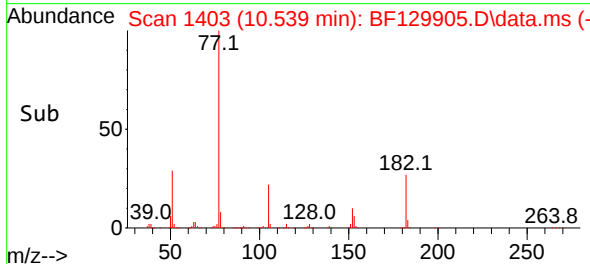
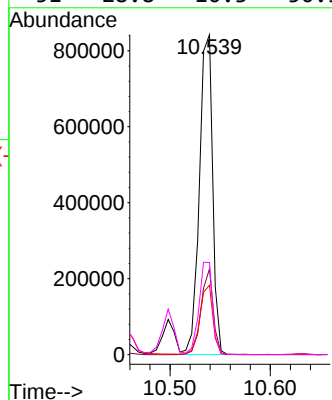
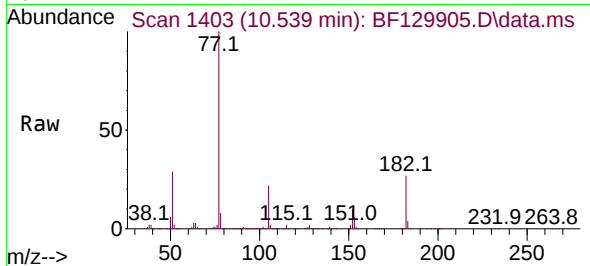




#63
 Azobenzene
 Concen: 38.421 ng
 RT: 10.539 min Scan# 1403
 Delta R.T. 0.006 min
 Lab File: BF129905.D
 Acq: 19 Aug 2022 11:18

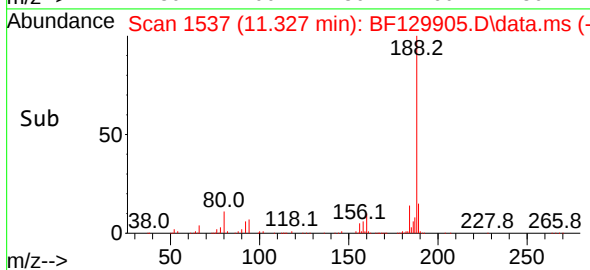
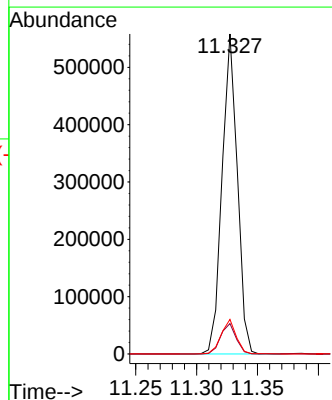
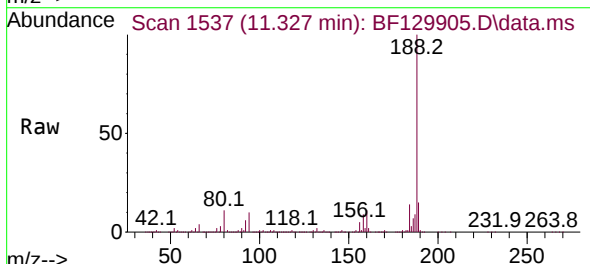
Instrument :
 BNA_F
 ClientSampleId :
 PB146848BS

Tgt Ion: 77	Resp: 775441
Ion Ratio	Lower Upper
77 100	
182 26.8	2.2 42.2
105 21.7	0.8 40.8
51 28.8	10.3 50.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.327 min Scan# 1537
 Delta R.T. 0.006 min
 Lab File: BF129905.D
 Acq: 19 Aug 2022 11:18

Tgt Ion:188	Resp: 487710
Ion Ratio	Lower Upper
188 100	
94 9.5	7.4 11.2
80 10.8	7.9 11.9

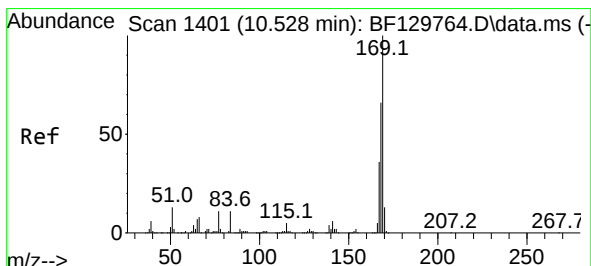
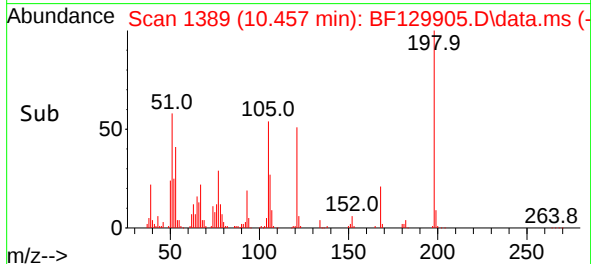
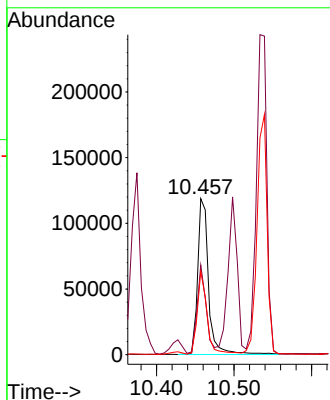
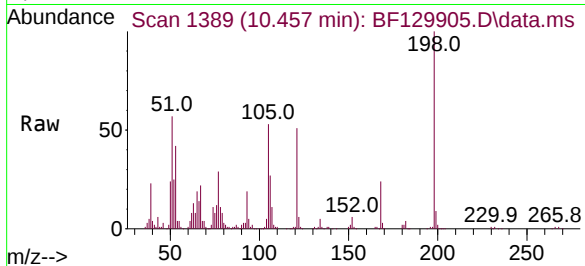




#65
4,6-Dinitro-2-methylphenol
Concen: 40.360 ng
RT: 10.457 min Scan# 1389
Delta R.T. 0.006 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

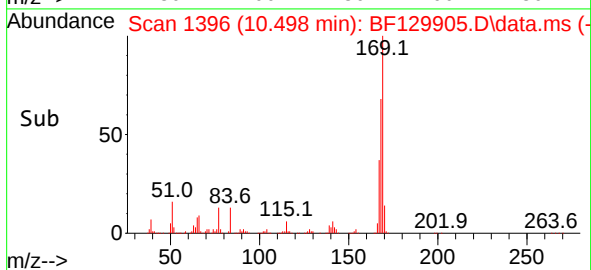
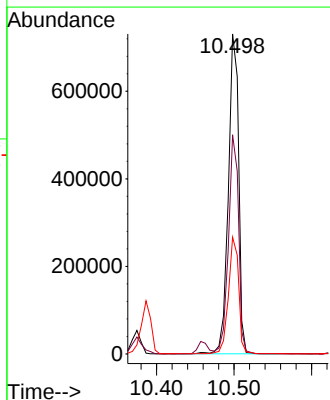
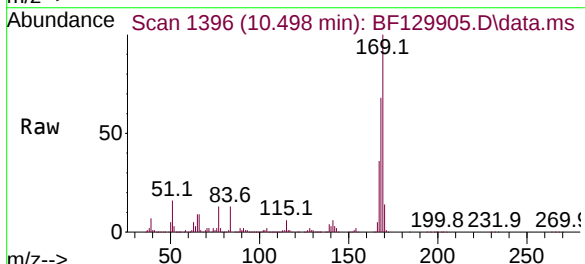
Instrument :
BNA_F
ClientSampleId :
PB146848BS

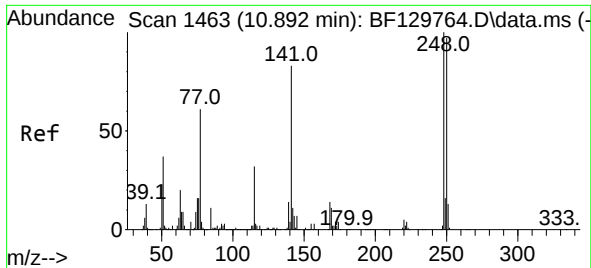
Tgt Ion:198 Resp: 115557
Ion Ratio Lower Upper
198 100
51 57.4 29.4 69.4
105 53.3 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 40.960 ng
RT: 10.498 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

Tgt Ion:169 Resp: 674251
Ion Ratio Lower Upper
169 100
168 68.5 53.4 80.2
167 36.5 29.1 43.7

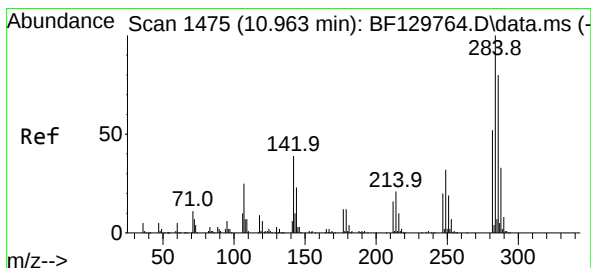
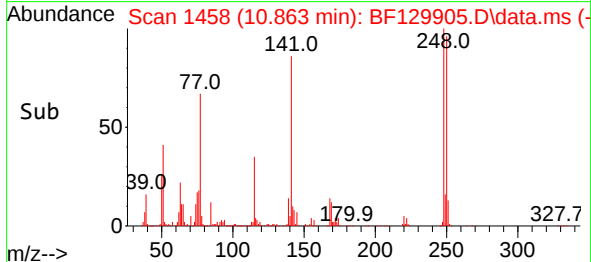
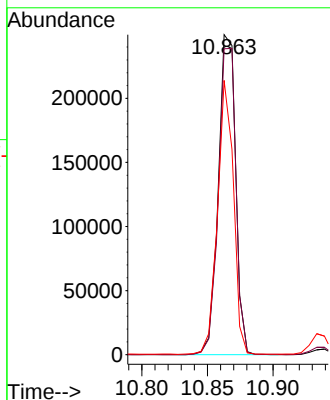
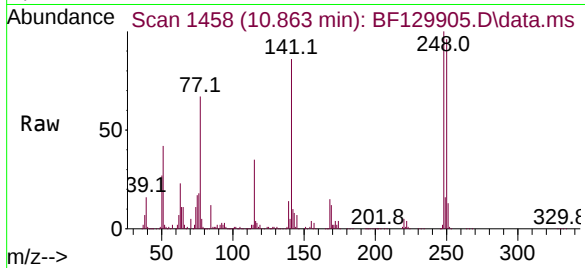




#67
4-Bromophenyl-phenylether
Concen: 40.061 ng
RT: 10.863 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

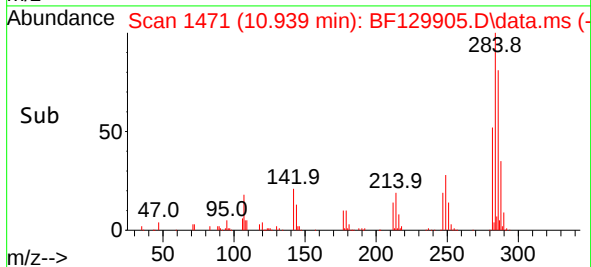
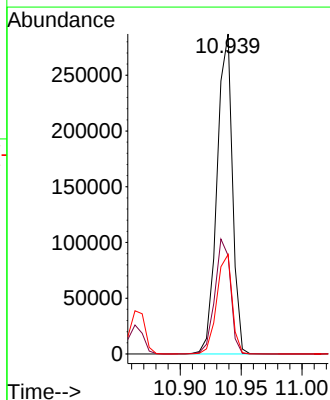
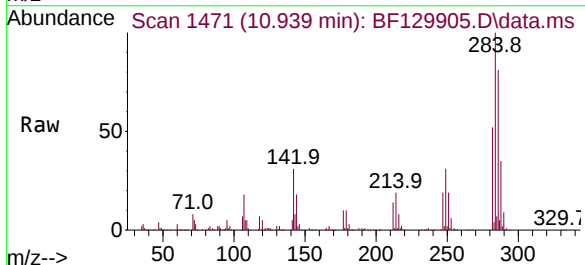
Instrument :
BNA_F
ClientSampleId :
PB146848BS

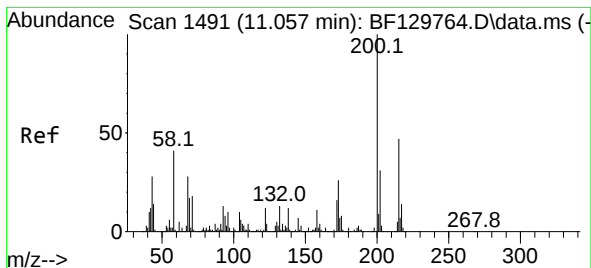
Tgt Ion:248 Resp: 228843
Ion Ratio Lower Upper
248 100
250 95.6 77.8 116.6
141 85.7 66.2 99.2



#68
Hexachlorobenzene
Concen: 40.920 ng
RT: 10.939 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

Tgt Ion:284 Resp: 253206
Ion Ratio Lower Upper
284 100
142 30.7 31.4 47.0#
249 31.1 25.7 38.5





#69

Atrazine

Concen: 43.360 ng

RT: 11.027 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB146848BS

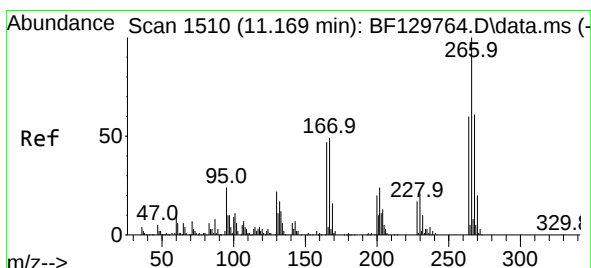
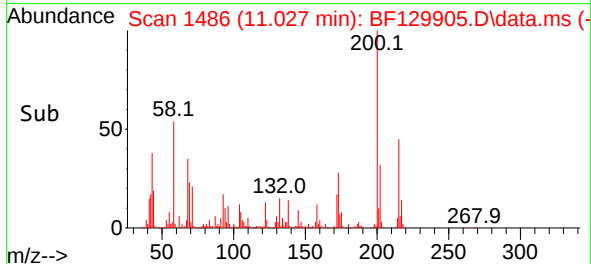
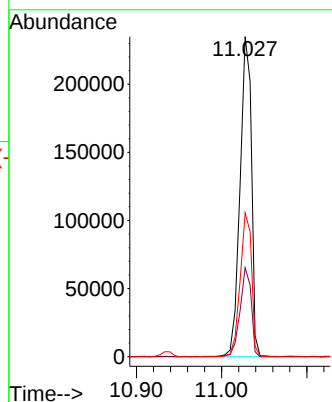
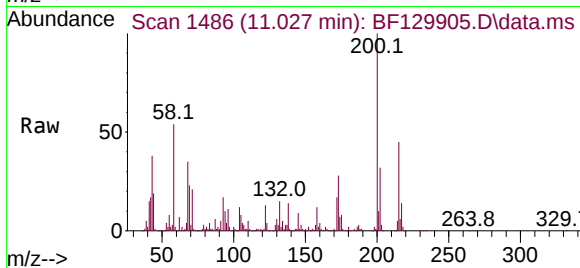
Tgt Ion:200 Resp: 219070

Ion Ratio Lower Upper

200 100

173 27.8 6.4 46.4

215 44.9 27.1 67.1



#70

Pentachlorophenol

Concen: 74.690 ng

RT: 11.145 min Scan# 1506

Delta R.T. 0.006 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

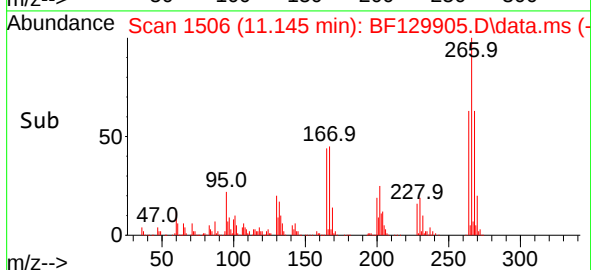
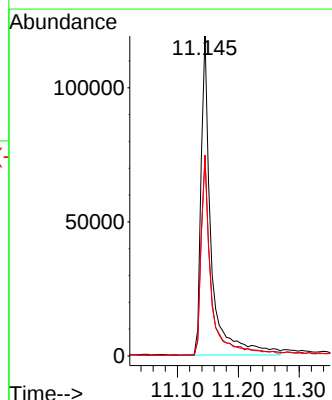
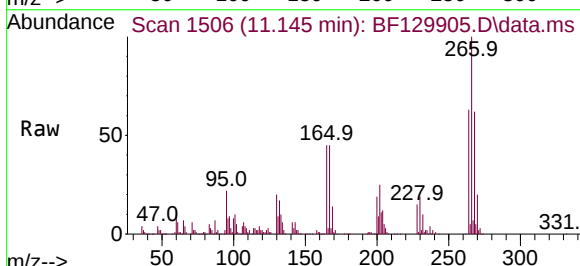
Tgt Ion:266 Resp: 137853

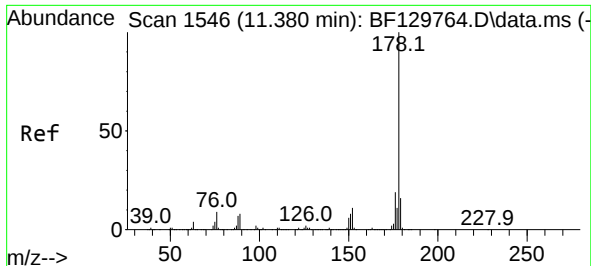
Ion Ratio Lower Upper

266 100

268 62.0 49.0 73.4

264 62.8 47.9 71.9

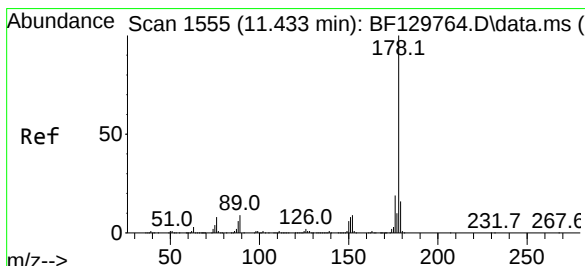
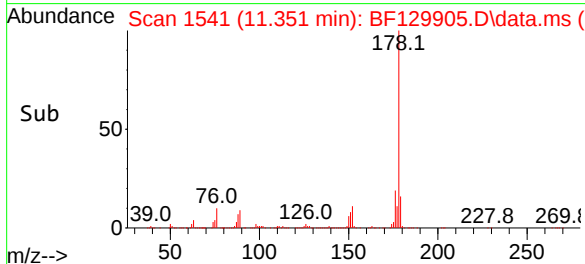
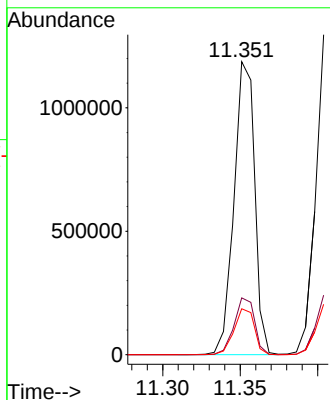
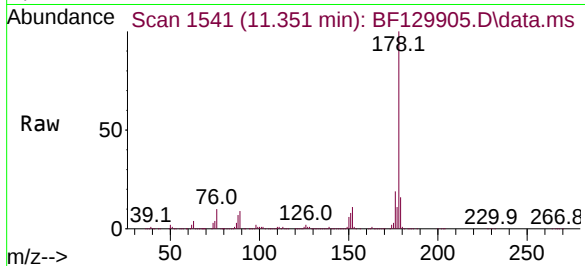




#71
Phenanthrene
Concen: 40.421 ng
RT: 11.351 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

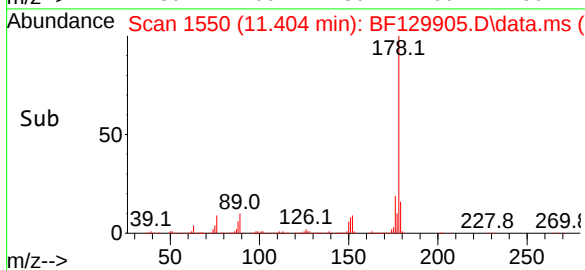
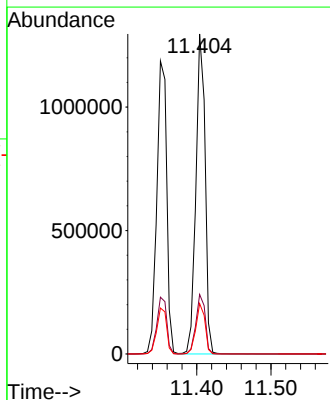
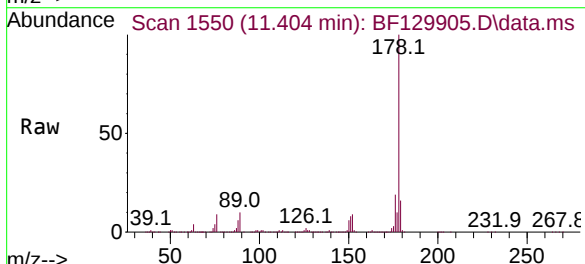
Instrument :
BNA_F
ClientSampleId :
PB146848BS

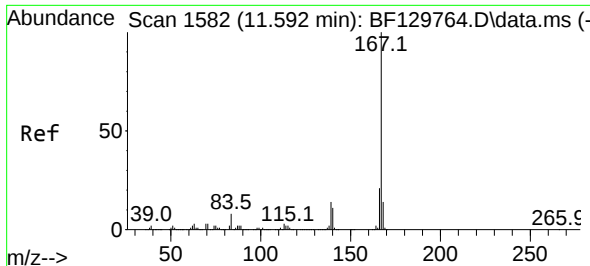
Tgt Ion:178 Resp: 1101011
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.7 12.5 18.7



#72
Anthracene
Concen: 41.357 ng
RT: 11.404 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

Tgt Ion:178 Resp: 1120250
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.7 12.6 18.8

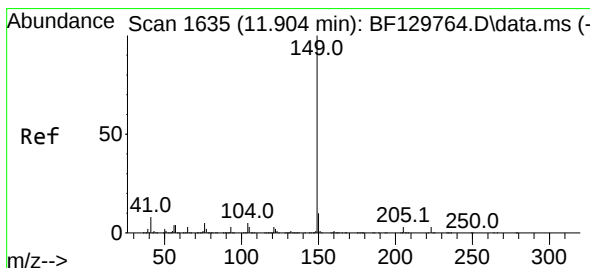
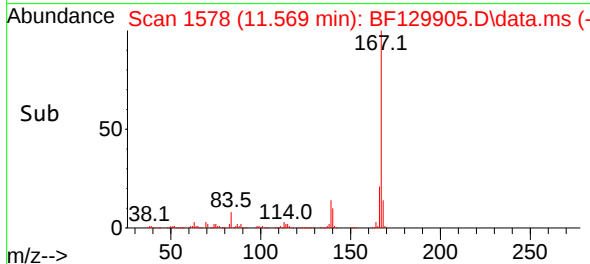
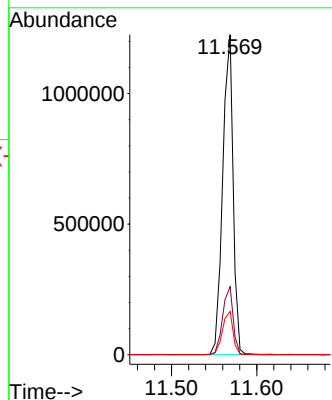
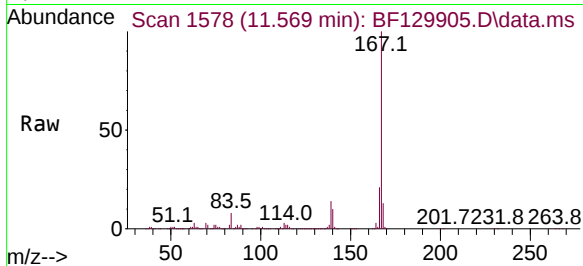




#73
 Carbazole
 Concen: 42.214 ng
 RT: 11.569 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF129905.D
 Acq: 19 Aug 2022 11:18

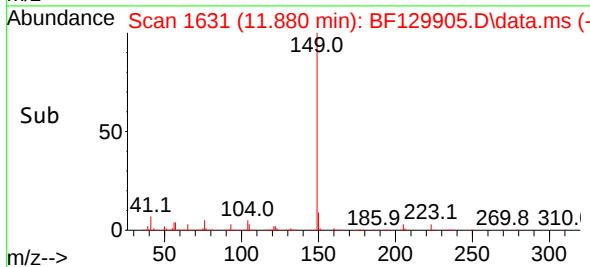
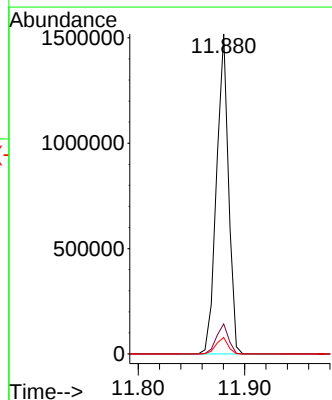
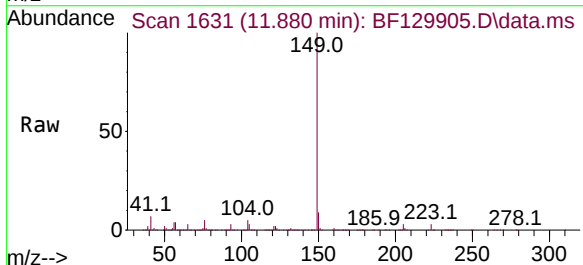
Instrument :
 BNA_F
 ClientSampleId :
 PB146848BS

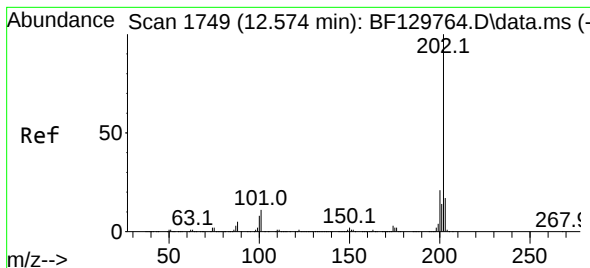
Tgt Ion:167 Resp: 1037991
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.1 25.7
 139 13.5 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 37.411 ng
 RT: 11.880 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: BF129905.D
 Acq: 19 Aug 2022 11:18

Tgt Ion:149 Resp: 1183913
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.6
 104 5.2 4.2 6.4





#75

Fluoranthene

Concen: 39.191 ng

RT: 12.545 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB146848BS

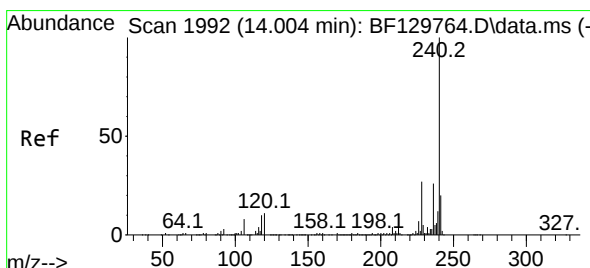
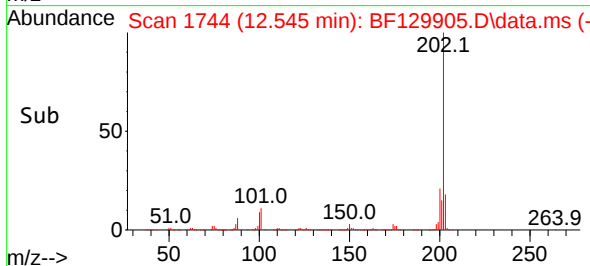
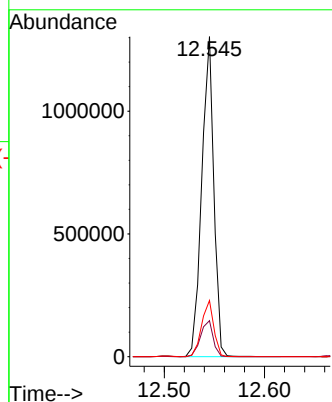
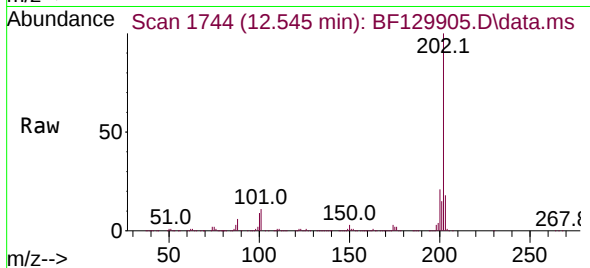
Tgt Ion:202 Resp: 1092359

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.7

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 1988

Delta R.T. 0.006 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

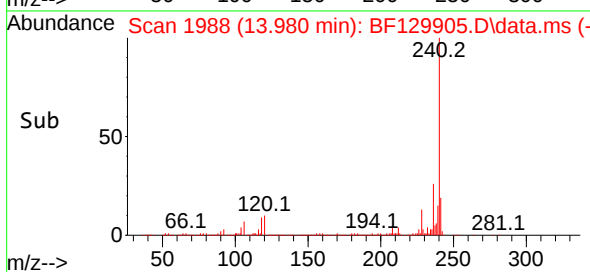
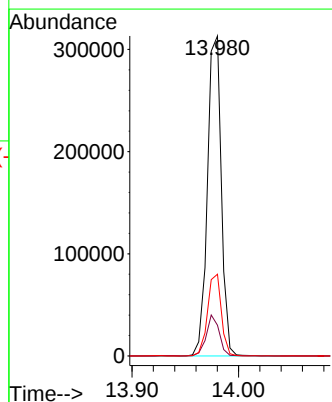
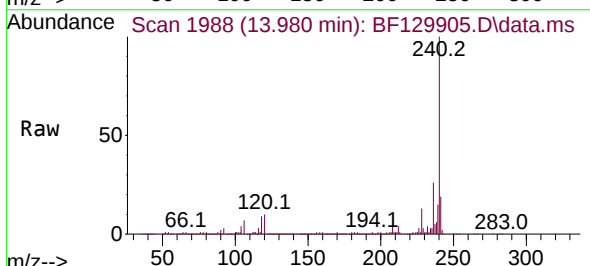
Tgt Ion:240 Resp: 284740

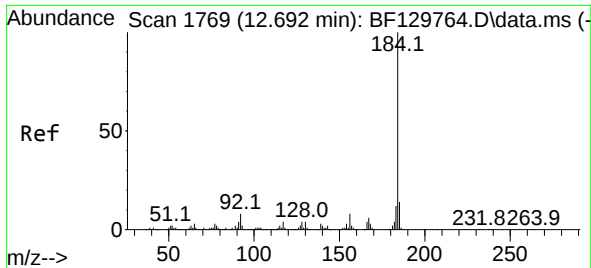
Ion Ratio Lower Upper

240 100

120 9.6 9.2 13.8

236 25.6 20.7 31.1

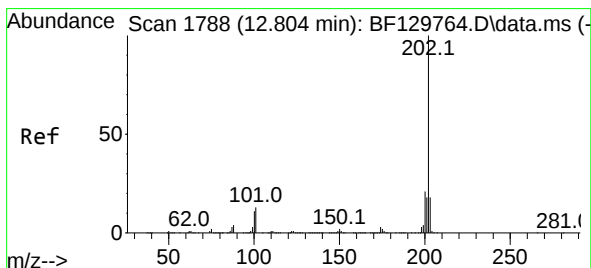
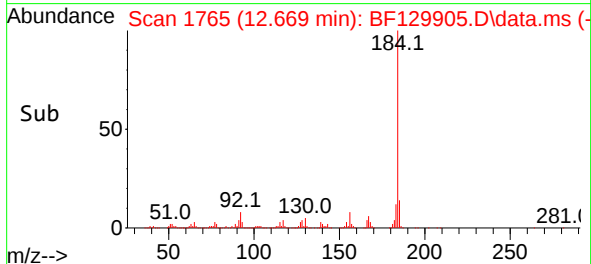
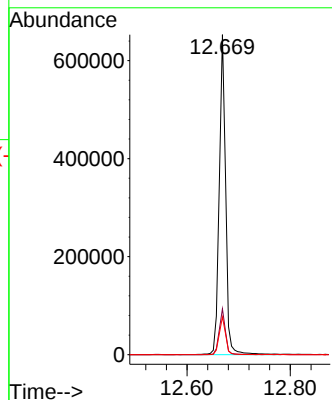
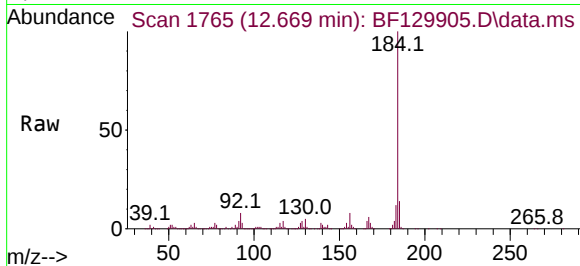




#77
Benzidine
Concen: 87.295 ng
RT: 12.669 min Scan# 1765
Delta R.T. 0.006 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

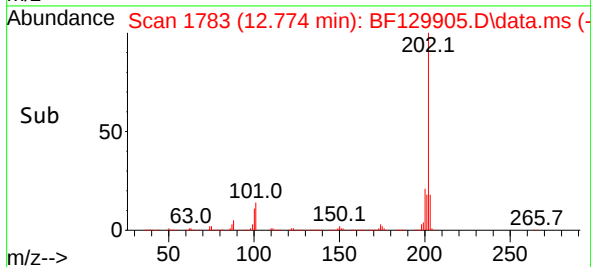
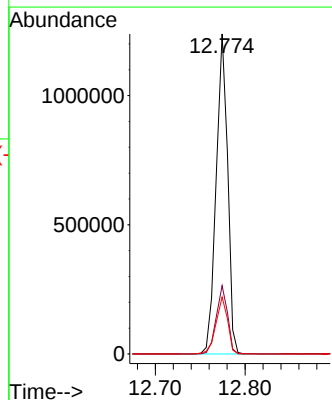
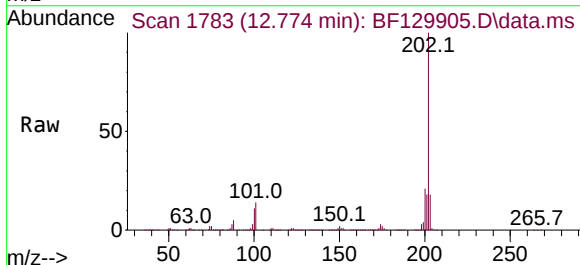
Instrument :
BNA_F
ClientSampleId :
PB146848BS

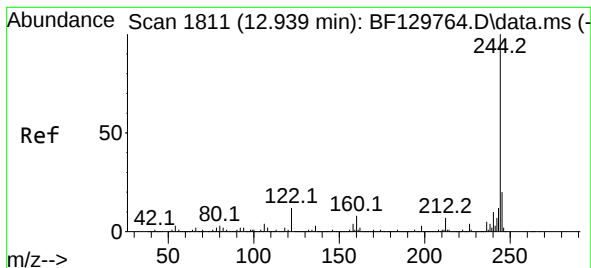
Tgt Ion:184 Resp: 562188
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.2
183 11.8 9.4 14.2



#78
Pyrene
Concen: 44.438 ng
RT: 12.774 min Scan# 1783
Delta R.T. 0.006 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

Tgt Ion:202 Resp: 1099562
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 87.798 ng

RT: 12.910 min Scan# 1806

Delta R.T. 0.000 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB146848BS

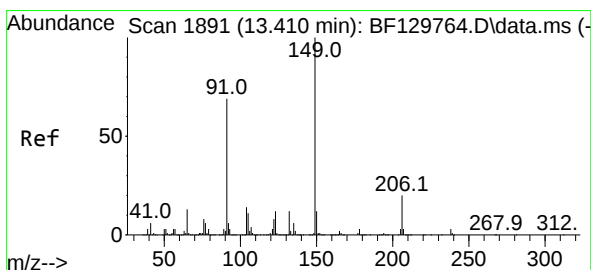
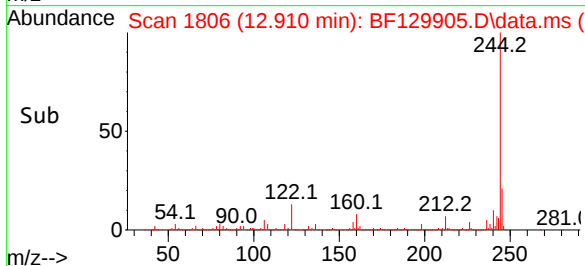
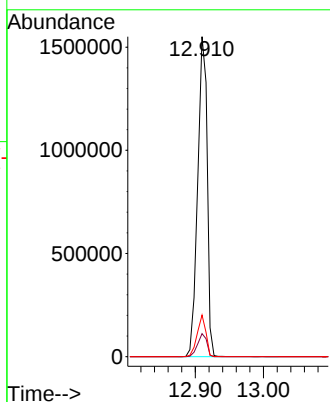
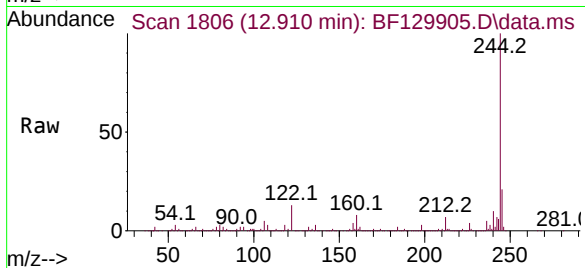
Tgt Ion:244 Resp: 1502430

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 13.0 9.9 14.9



#80

Butylbenzylphthalate

Concen: 39.595 ng

RT: 13.380 min Scan# 1886

Delta R.T. 0.000 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

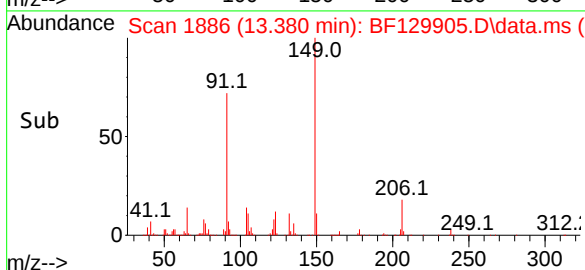
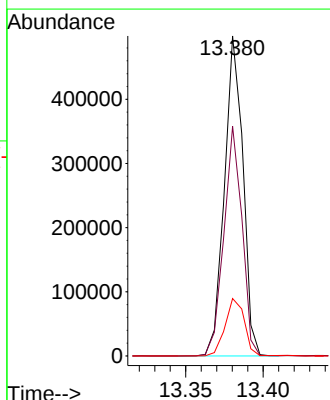
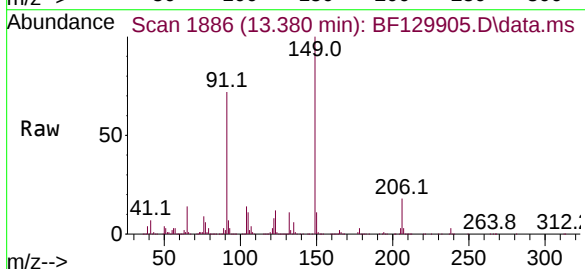
Tgt Ion:149 Resp: 414565

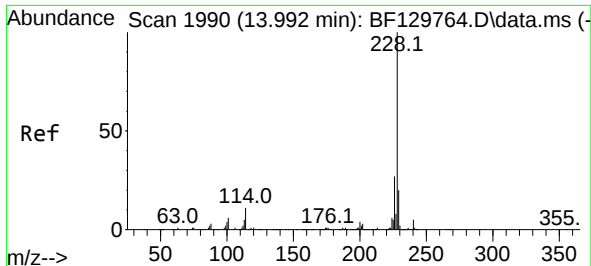
Ion Ratio Lower Upper

149 100

91 71.8 55.4 83.0

206 18.0 15.8 23.6

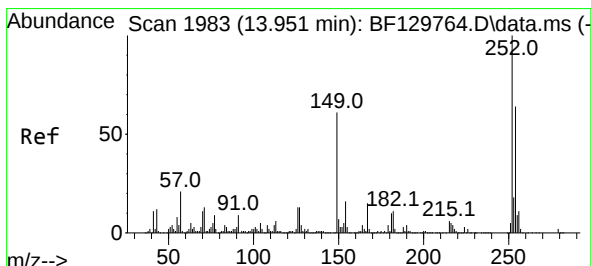
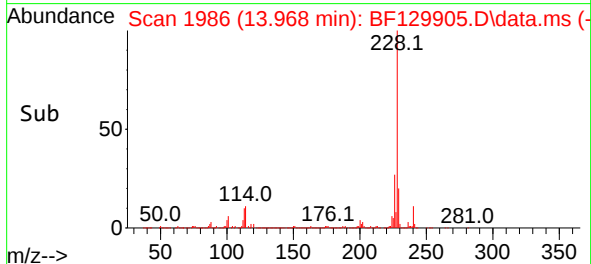
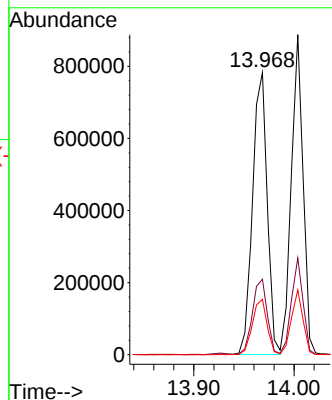
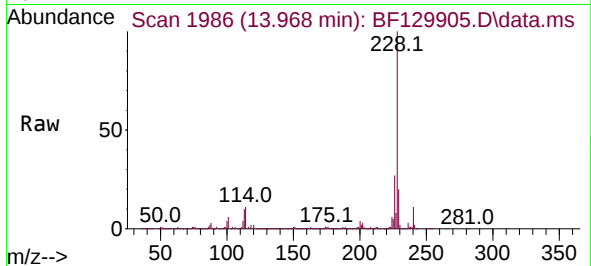




#81
Benzo(a)anthracene
Concen: 40.491 ng
RT: 13.968 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

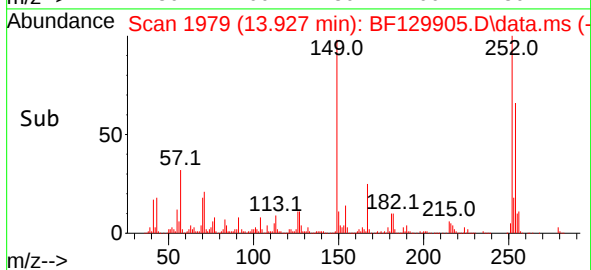
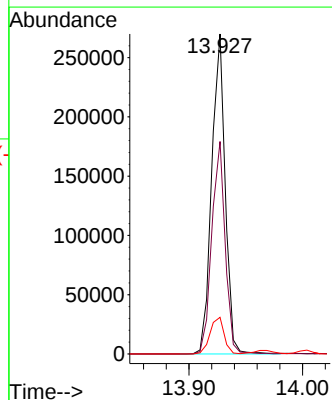
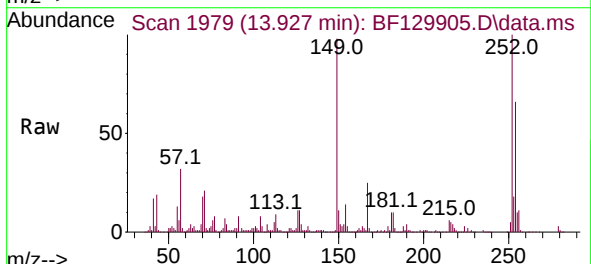
Instrument :
BNA_F
ClientSampleId :
PB146848BS

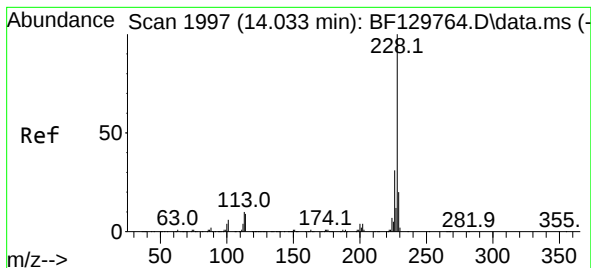
Tgt Ion:228 Resp: 793112
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.0
229 19.6 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 36.716 ng
RT: 13.927 min Scan# 1979
Delta R.T. 0.006 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

Tgt Ion:252 Resp: 222733
Ion Ratio Lower Upper
252 100
254 66.4 51.4 77.2
126 11.5 10.2 15.4





#83

Chrysene

Concen: 39.551 ng

RT: 14.004 min Scan# 1997

Delta R.T. 0.006 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB146848BS

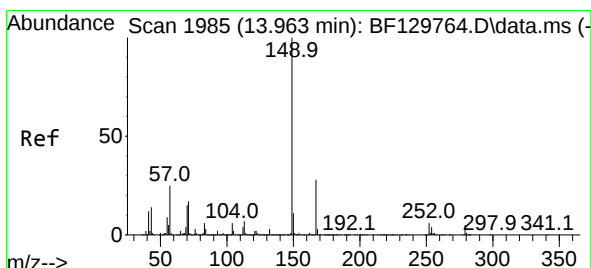
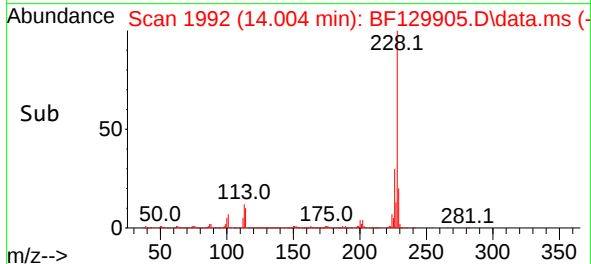
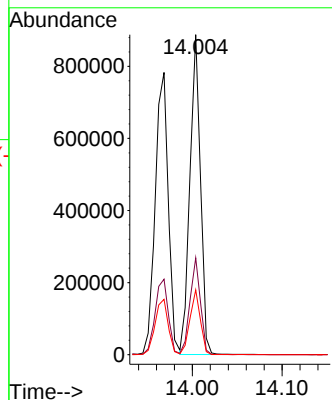
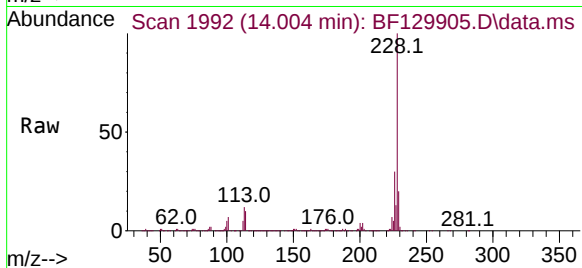
Tgt Ion:228 Resp: 725179

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 20.3 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.440 ng

RT: 13.933 min Scan# 1980

Delta R.T. 0.006 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

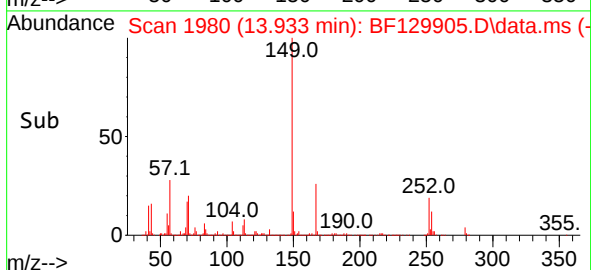
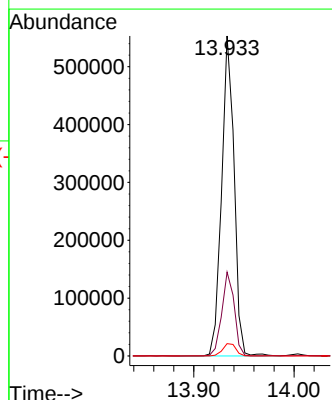
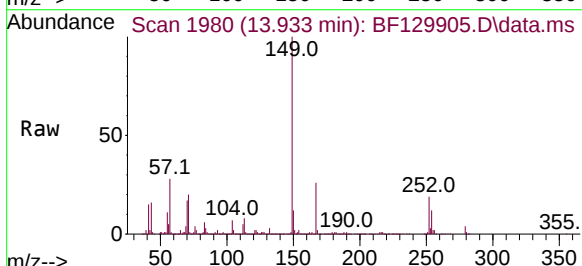
Tgt Ion:149 Resp: 477493

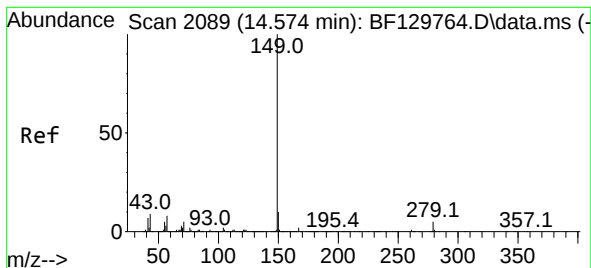
Ion Ratio Lower Upper

149 100

167 26.2 22.0 33.0

279 3.9 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 38.779 ng

RT: 14.545 min Scan# 2084

Delta R.T. 0.006 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB146848BS

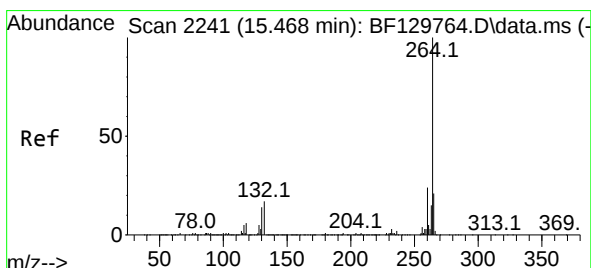
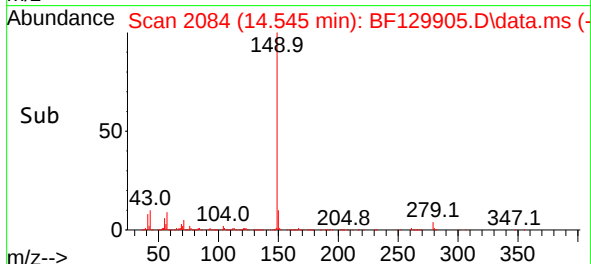
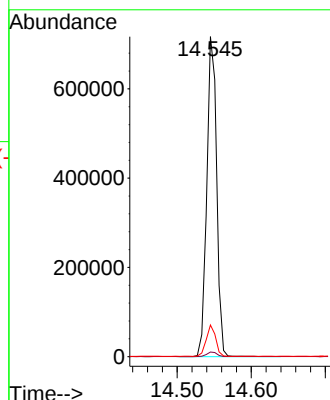
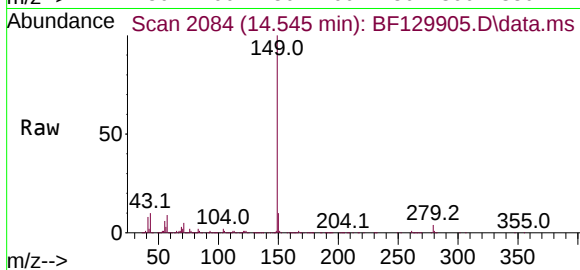
Tgt Ion:149 Resp: 664975

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.4 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2236

Delta R.T. 0.012 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

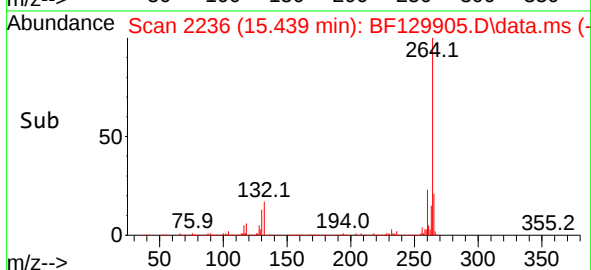
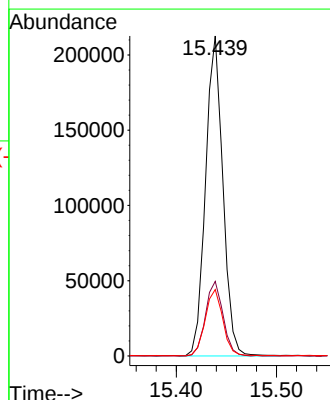
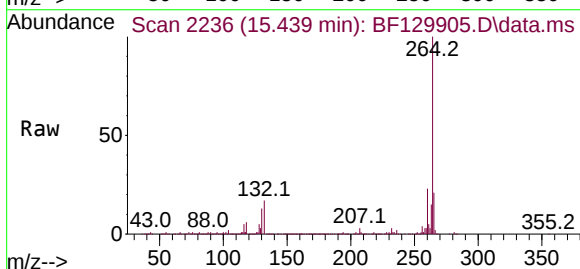
Tgt Ion:264 Resp: 255921

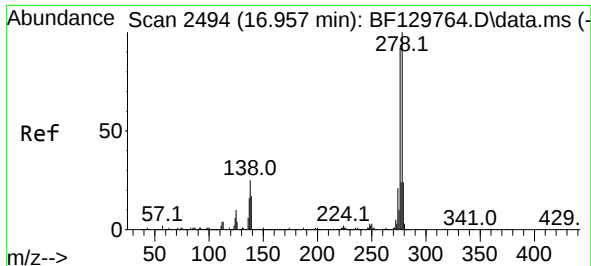
Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 20.8 16.7 25.1

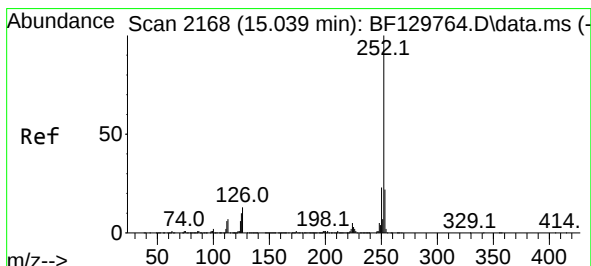
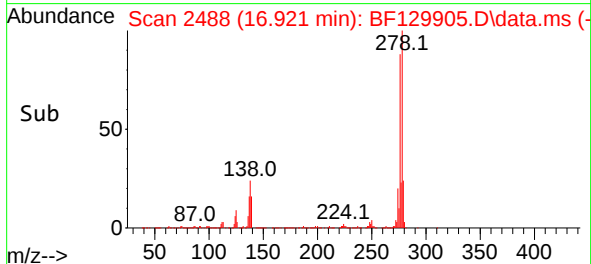
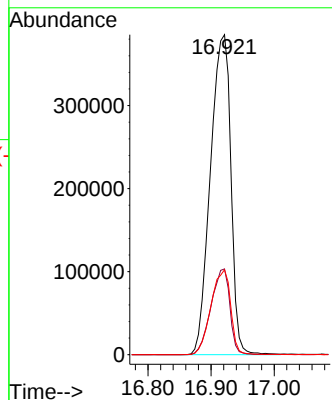
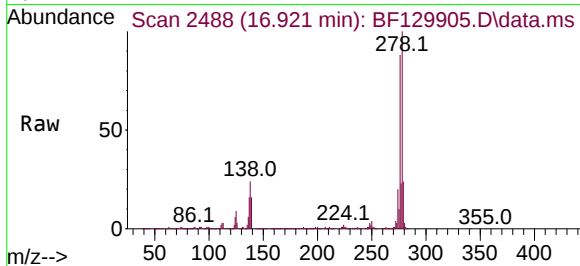




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.367 ng
RT: 16.921 min Scan# 2494
Delta R.T. 0.018 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

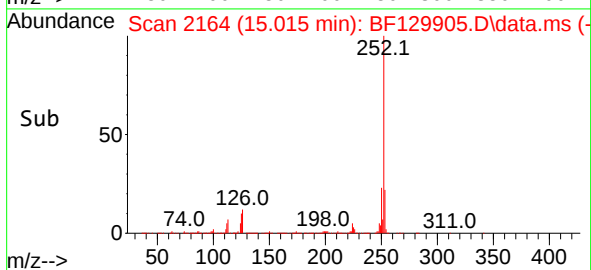
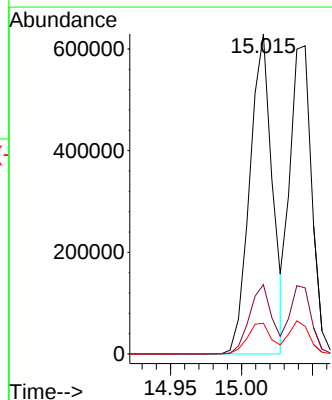
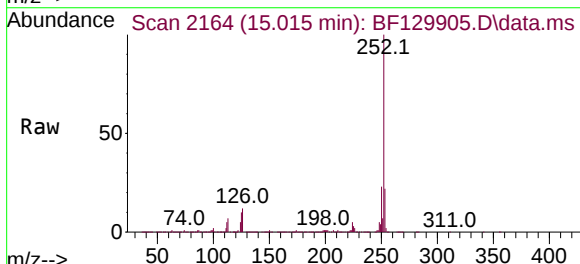
Instrument :
BNA_F
ClientSampleId :
PB146848BS

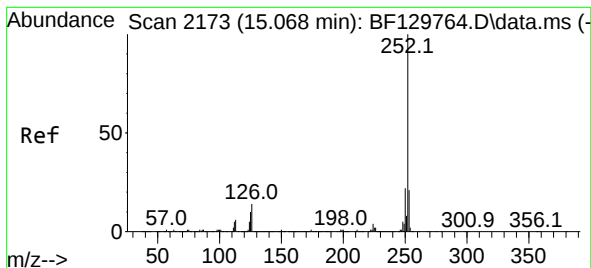
Tgt Ion:276 Resp: 867337
Ion Ratio Lower Upper
276 100
138 24.8 19.8 29.8
277 25.6 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 39.708 ng
RT: 15.015 min Scan# 2164
Delta R.T. 0.012 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

Tgt Ion:252 Resp: 695863
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.6 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 38.399 ng

RT: 15.045 min Scan# 2173

Delta R.T. 0.012 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB146848BS

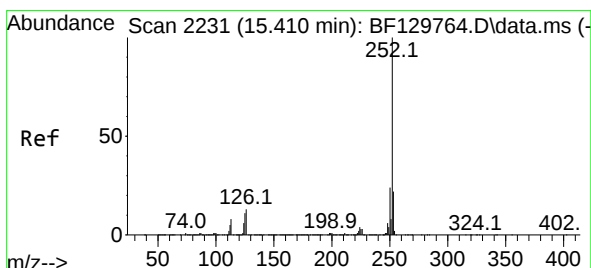
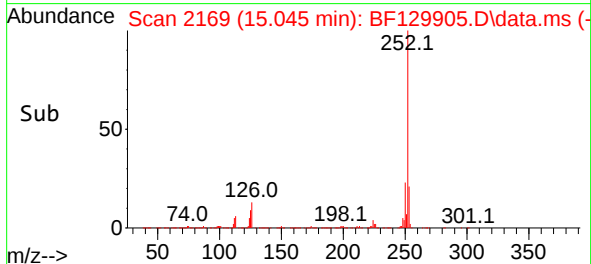
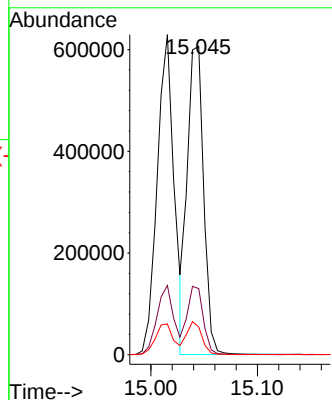
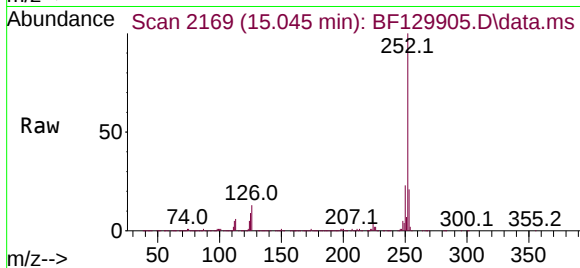
Tgt Ion:252 Resp: 645326

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

125 9.0 8.3 12.5



#90

Benzo(a)pyrene

Concen: 43.366 ng

RT: 15.380 min Scan# 2226

Delta R.T. 0.012 min

Lab File: BF129905.D

Acq: 19 Aug 2022 11:18

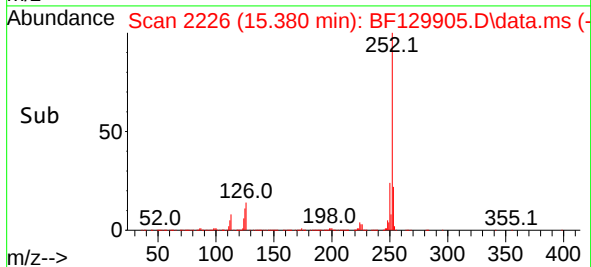
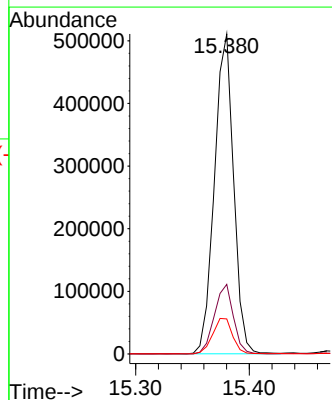
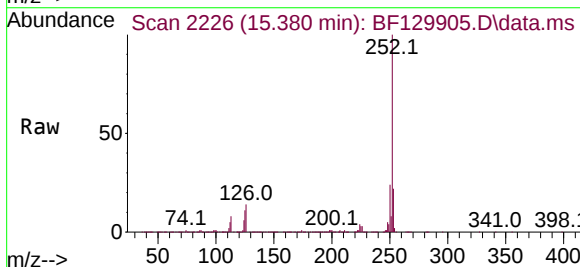
Tgt Ion:252 Resp: 598464

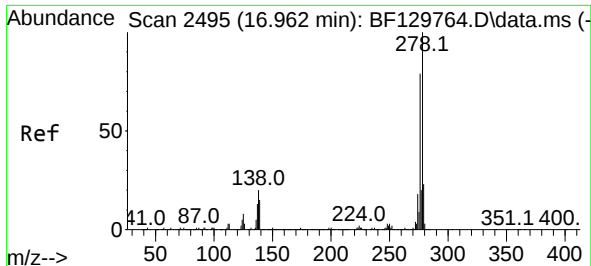
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 11.0 8.8 13.2

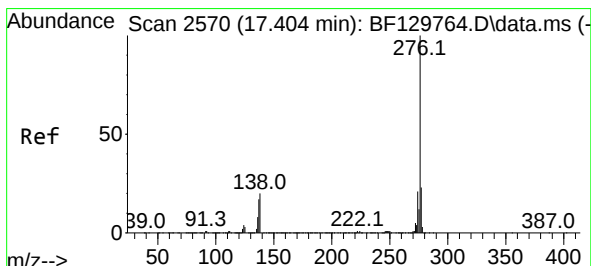
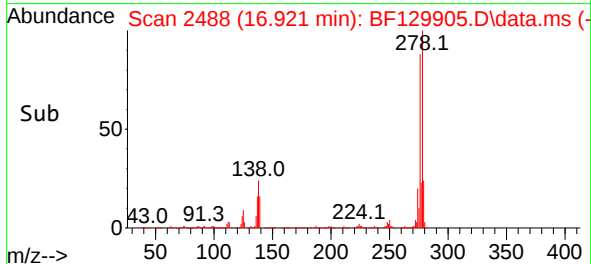
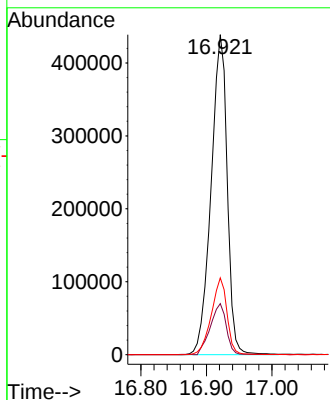
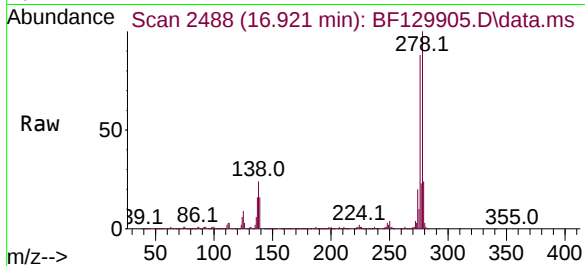




#91
Dibenzo(a,h)anthracene
Concen: 51.657 ng
RT: 16.921 min Scan# 2495
Delta R.T. 0.018 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

Instrument :
BNA_F
ClientSampleId :
PB146848BS

Tgt Ion:278 Resp: 748861
Ion Ratio Lower Upper
278 100
139 15.9 12.2 18.4
279 24.0 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 53.994 ng
RT: 17.362 min Scan# 2563
Delta R.T. 0.018 min
Lab File: BF129905.D
Acq: 19 Aug 2022 11:18

Tgt Ion:276 Resp: 780895
Ion Ratio Lower Upper
276 100
277 23.5 18.2 27.4
138 20.8 15.8 23.8

