

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129722.D
 Acq On : 11 Aug 2022 18:56
 Operator : CG\JU
 Sample : N4017-06MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 00:01:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	147112	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	597646	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	321495	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	520110	20.000	ng	0.00
76) Chrysene-d12	14.010	240	253234	20.000	ng	-0.01
86) Perylene-d12	15.480	264	291315	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1097515	121.530	ng	0.01
7) Phenol-d6	6.493	99	1394020	122.808	ng	0.00
23) Nitrobenzene-d5	7.404	82	890451	81.333	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	371432	120.168	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1550371	74.600	ng	0.00
79) Terphenyl-d14	12.945	244	1330935	99.154	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	170409	41.823	ng	86
3) Pyridine	3.440	79	442690	39.123	ng	88
4) n-Nitrosodimethylamine	3.393	42	228934	46.074	ng	# 91
6) Aniline	6.498	93	612127	43.378	ng	# 47
8) 2-Chlorophenol	6.628	128	514337	52.130	ng	98
9) Benzaldehyde	6.387	77	352820	45.770	ng	97
10) Phenol	6.504	94	610281	50.487	ng	# 69
11) bis(2-Chloroethyl)ether	6.569	93	472008	49.237	ng	93
12) 1,3-Dichlorobenzene	6.775	146	522781	49.404	ng	97
13) 1,4-Dichlorobenzene	6.851	146	534009	49.622	ng	100
14) 1,2-Dichlorobenzene	7.004	146	507769	51.333	ng	99
15) Benzyl Alcohol	6.987	79	433638	52.674	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.104	45	617571	42.857	ng	# 1
17) 2-Methylphenol	7.104	107	408715	49.934	ng	# 89
18) Hexachloroethane	7.340	117	199749	49.294	ng	92
19) n-Nitroso-di-n-propyla...	7.251	70	348574	50.724	ng	90
20) 3+4-Methylphenols	7.257	107	522122	50.170	ng	# 86
22) Acetophenone	7.245	105	707252	50.829	ng	98
24) Nitrobenzene	7.422	77	526250	46.678	ng	95
25) Isophorone	7.657	82	961676	49.003	ng	99
26) 2-Nitrophenol	7.739	139	280844	50.495	ng	# 87
27) 2,4-Dimethylphenol	7.781	122	441125	52.875	ng	98
28) bis(2-Chloroethoxy)met...	7.863	93	590600	51.878	ng	99
29) 2,4-Dichlorophenol	7.987	162	425108	49.369	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	422978	47.457	ng	97
31) Naphthalene	8.139	128	1447233	47.663	ng	99
32) Benzoic acid	7.898	122	65400	10.844	ng	95
33) 4-Chloroaniline	8.192	127	563662	45.215	ng	98
34) Hexachlorobutadiene	8.245	225	250582	49.460	ng	99
35) Caprolactam	8.575	113	69171	24.708	ng	# 79
36) 4-Chloro-3-methylphenol	8.692	107	465929	51.017	ng	94
37) 2-Methylnaphthalene	8.828	142	961408	48.723	ng	100
38) 1-Methylnaphthalene	8.928	142	904444	47.481	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	424860	50.328	ng	97
41) Hexachlorocyclopentadiene	8.975	237	302202	80.393	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	270516	44.120	ng	98

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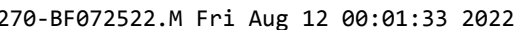
Instrument :
 BNA_F
 ClientSampleId :

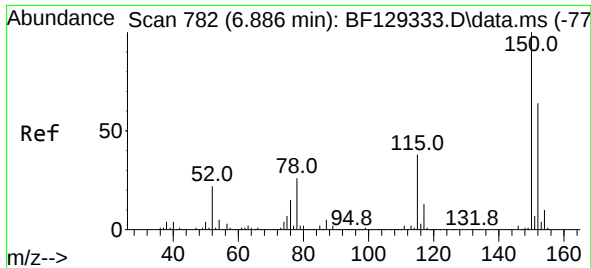
Quant Time: Aug 12 00:01:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	288615	43.286	ng	# 90
46) 1,1'-Biphenyl	9.292	154	1154413	49.202	ng	100
47) 2-Chloronaphthalene	9.322	162	900918	47.499	ng	99
48) 2-Nitroaniline	9.428	65	294325	46.666	ng	88
49) Acenaphthylene	9.739	152	1361583	47.243	ng	99
50) Dimethylphthalate	9.598	163	1057710	47.658	ng	100
51) 2,6-Dinitrotoluene	9.669	165	236147	47.539	ng	95
52) Acenaphthene	9.910	154	825596	43.859	ng	100
53) 3-Nitroaniline	9.839	138	221506	37.763	ng	95
54) 2,4-Dinitrophenol	9.951	184	118451	46.710	ng	93
55) Dibenzofuran	10.081	168	1212761	46.736	ng	96
56) 4-Nitrophenol	10.028	139	266190	61.512	ng	98
57) 2,4-Dinitrotoluene	10.075	165	301204	46.416	ng	92
58) Fluorene	10.422	166	998285	48.081	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	210997	40.949	ng	96
60) Diethylphthalate	10.292	149	1013970	47.261	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	456374	49.858	ng	# 88
62) 4-Nitroaniline	10.463	138	235940	40.547	ng	94
63) Azobenzene	10.575	77	988094	45.154	ng	95
65) 4,6-Dinitro-2-methylph...	10.486	198	115787	35.271	ng	93
66) n-Nitrosodiphenylamine	10.533	169	853866	49.297	ng	96
67) 4-Bromophenyl-phenylether	10.904	248	287655	50.507	ng	98
68) Hexachlorobenzene	10.975	284	322674	52.288	ng	95
69) Atrazine	11.063	200	270939	51.499	ng	98
70) Pentachlorophenol	11.175	266	140678	41.933	ng	98
71) Phenanthrene	11.392	178	1348008	47.479	ng	99
72) Anthracene	11.445	178	1393594	49.949	ng	98
73) Carbazole	11.604	167	1217547	46.358	ng	99
74) Di-n-butylphthalate	11.916	149	1504586	48.105	ng	100
75) Fluoranthene	12.580	202	1227306	42.664	ng	99
77) Benzidine	12.704	184	707303	79.062	ng	99
78) Pyrene	12.810	202	1182644	55.848	ng	99
80) Butylbenzylphthalate	13.416	149	484625	52.762	ng	99
81) Benzo(a)anthracene	13.998	228	815704	47.155	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	252188	44.155	ng	99
83) Chrysene	14.039	228	752047	46.129	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	611779	50.592	ng	100
85) Di-n-octyl phthalate	14.586	149	915020	52.583	ng	96
87) Indeno(1,2,3-cd)pyrene	16.974	276	1066265	54.353	ng	99
88) Benzo(b)fluoranthene	15.051	252	911794	47.185	ng	98
89) Benzo(k)fluoranthene	15.086	252	811294	42.842	ng	99
90) Benzo(a)pyrene	15.421	252	797307	50.827	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	925038	57.935	ng	99
92) Benzo(g,h,i)perylene	17.427	276	914554	56.055	ng	98

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

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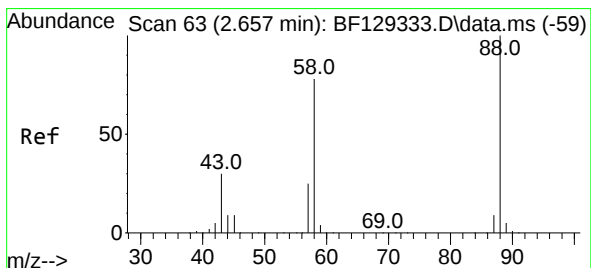
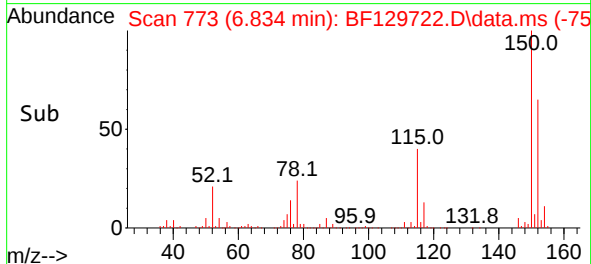
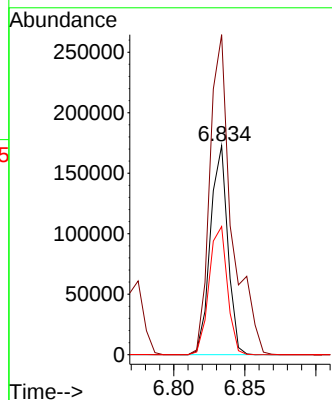
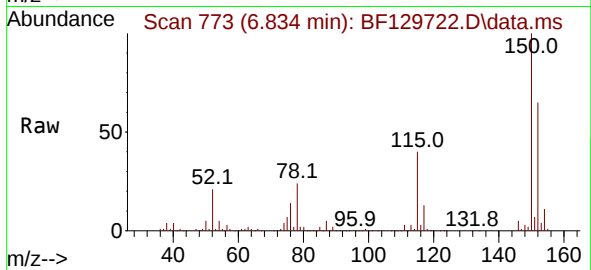




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129722.D
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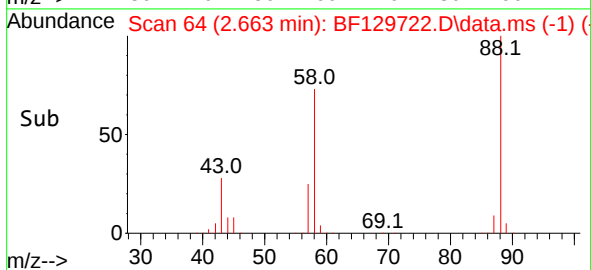
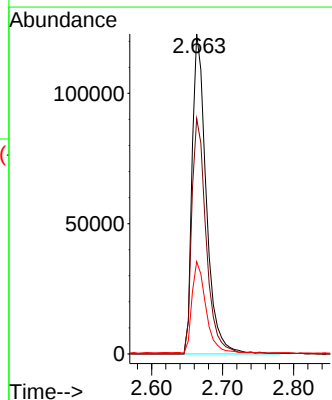
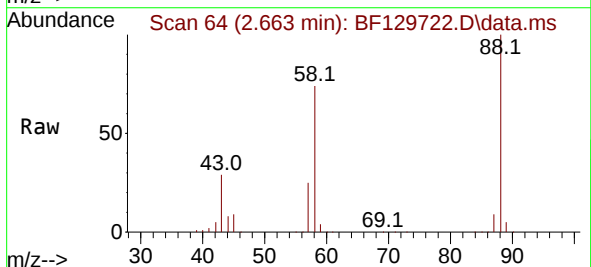
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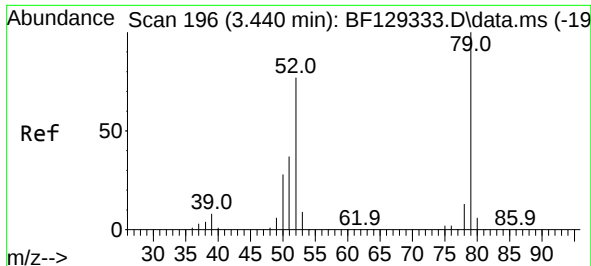
Tgt Ion:152 Resp: 147112
 Ion Ratio Lower Upper
 152 100
 150 153.2 123.7 185.5
 115 61.4 49.9 74.9



#2
 1,4-Dioxane
 Concen: 41.823 ng
 RT: 2.663 min Scan# 64
 Delta R.T. 0.106 min
 Lab File: BF129722.D
 Acq: 11 Aug 2022 18:56

Tgt Ion: 88 Resp: 170409
 Ion Ratio Lower Upper
 88 100
 58 75.1 71.8 107.8
 43 28.2 26.6 39.8

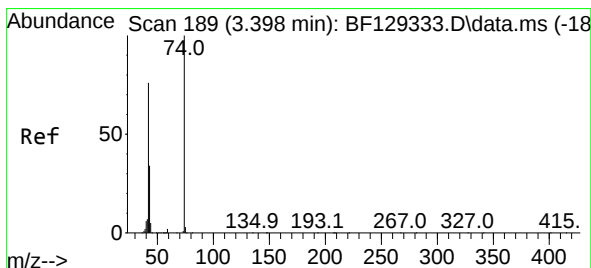
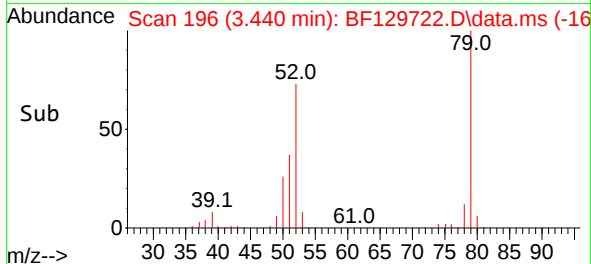
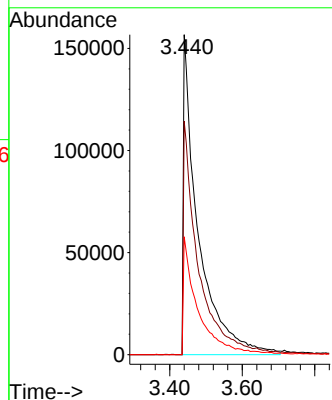
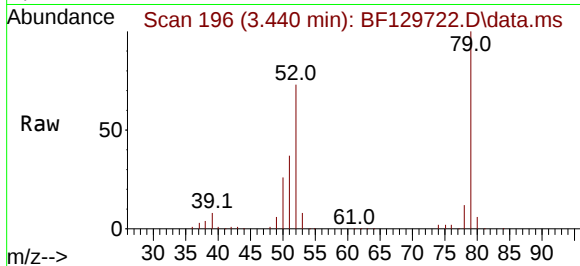




#3
Pyridine
Concen: 39.123 ng
RT: 3.440 min Scan# 19
Delta R.T. 0.106 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

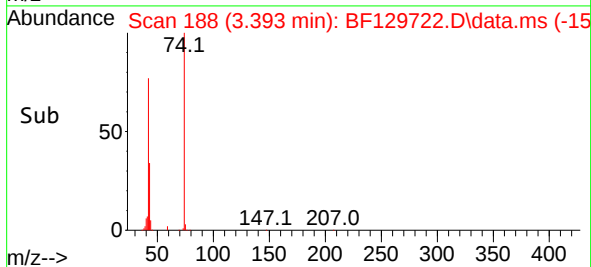
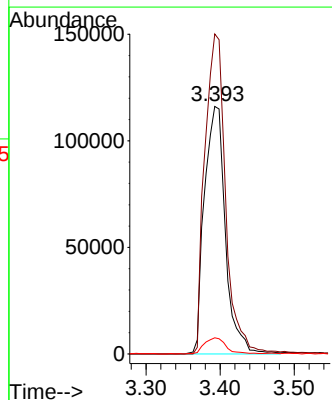
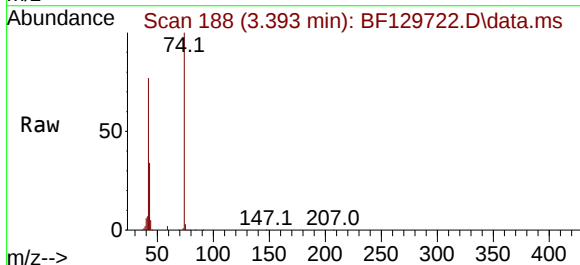
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 442690
Ion Ratio Lower Upper
79 100
52 72.9 68.6 102.8
51 36.8 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 46.074 ng
RT: 3.393 min Scan# 188
Delta R.T. 0.100 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

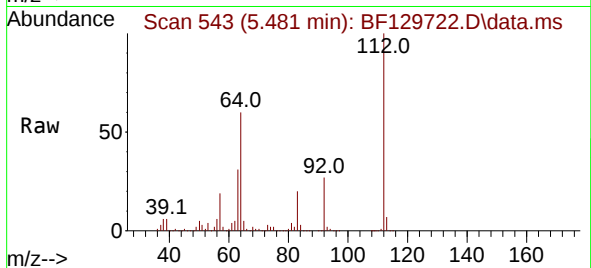
Tgt Ion: 42 Resp: 228934
Ion Ratio Lower Upper
42 100
74 129.3 94.8 142.2
44 6.5 6.6 10.0#



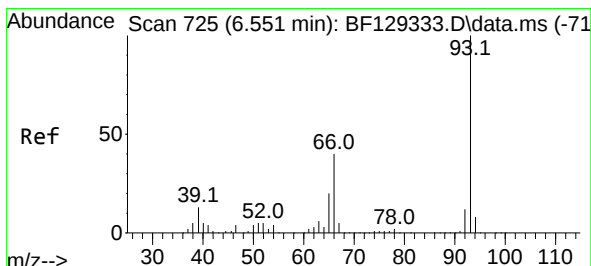
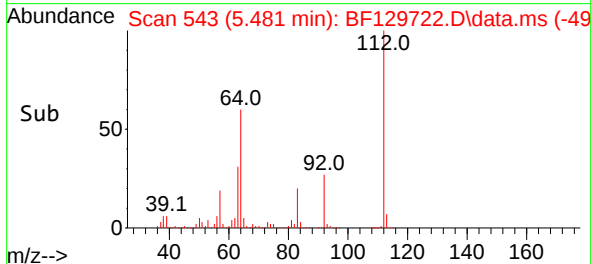
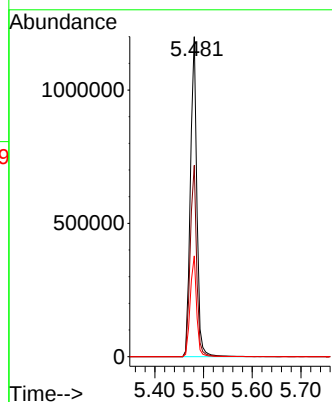


#5
2-Fluorophenol
Concen: 121.530 ng
RT: 5.481 min Scan# 54
Delta R.T. 0.012 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

Instrument :
BNA_F
ClientSampleId :

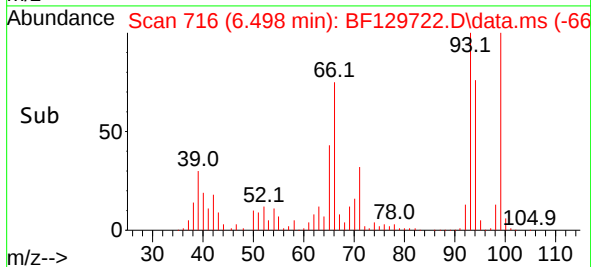
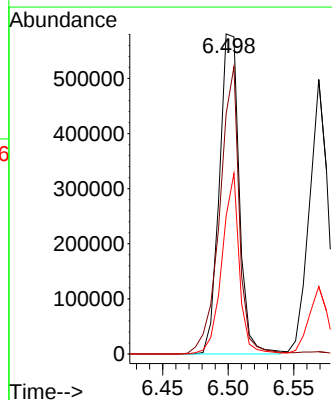
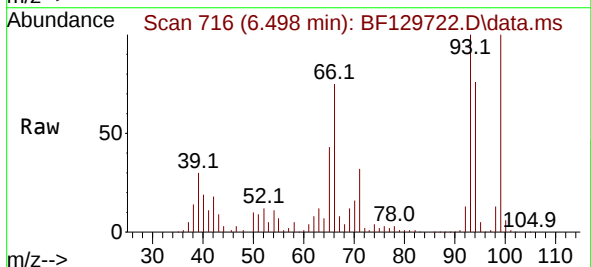


Tgt Ion:112 Resp: 1097515
Ion Ratio Lower Upper
112 100
64 59.8 53.3 79.9
63 31.5 28.0 42.0



#6
Aniline
Concen: 43.378 ng
RT: 6.498 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

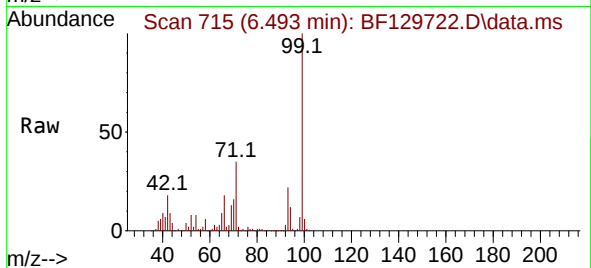
Tgt Ion: 93 Resp: 612127
Ion Ratio Lower Upper
93 100
66 75.0 32.5 48.7#
65 43.1 16.4 24.6#





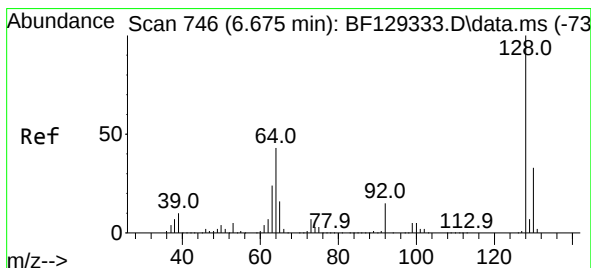
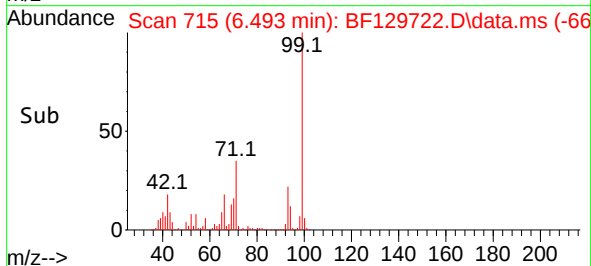
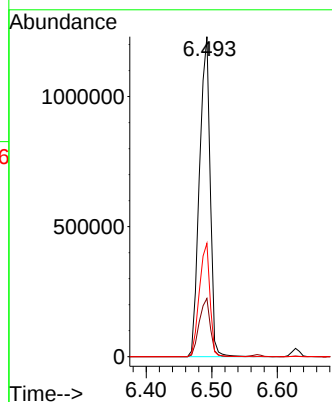
#7
Phenol-d6
Concen: 122.808 ng
RT: 6.493 min Scan# 715
Delta R.T. -0.000 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1394020

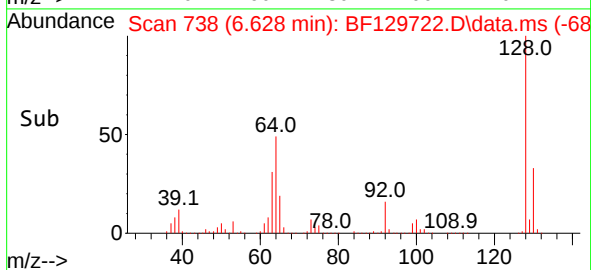
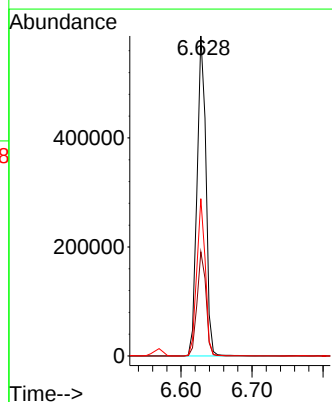
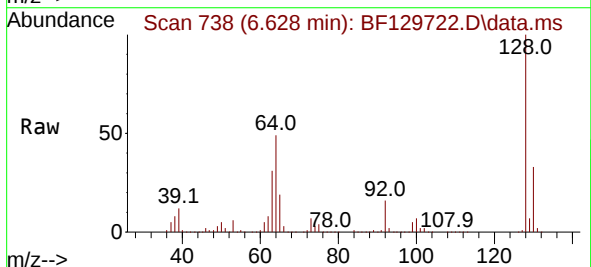
Ion	Ratio	Lower	Upper
99	100		
42	18.2	17.3	25.9
71	35.4	28.9	43.3

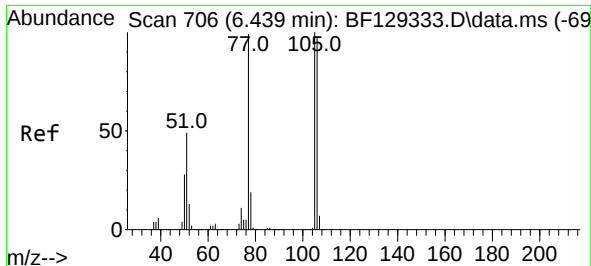


#8
2-Chlorophenol
Concen: 52.130 ng
RT: 6.628 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

Tgt Ion: 128 Resp: 514337

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.1	53.1
64	49.1	30.9	70.9

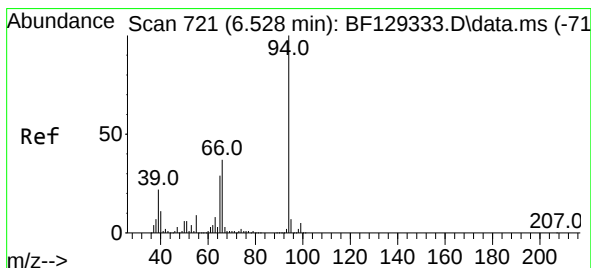
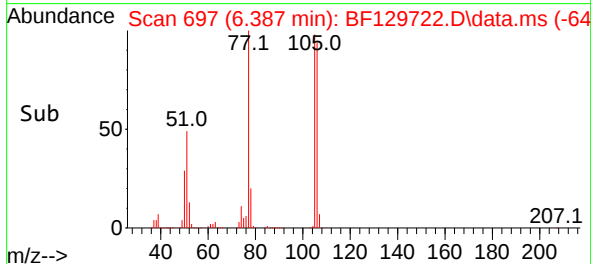
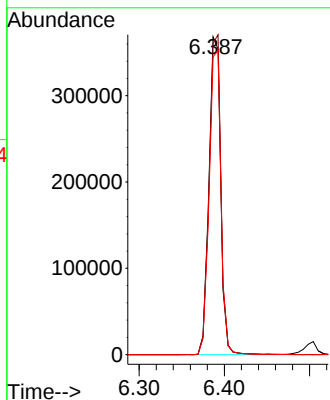
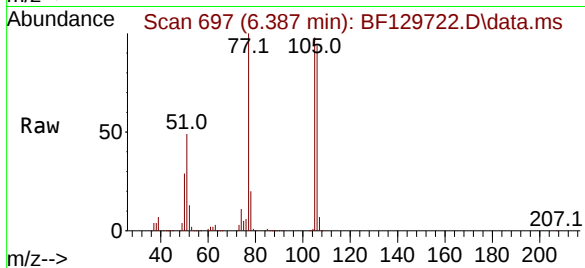




#9
Benzaldehyde
Concen: 45.770 ng
RT: 6.387 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

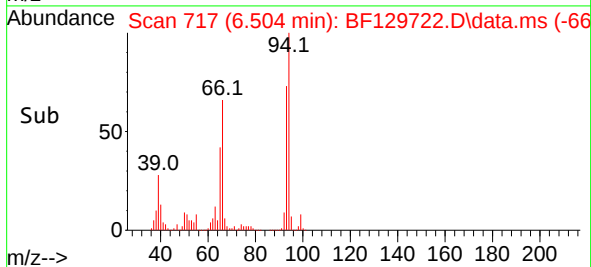
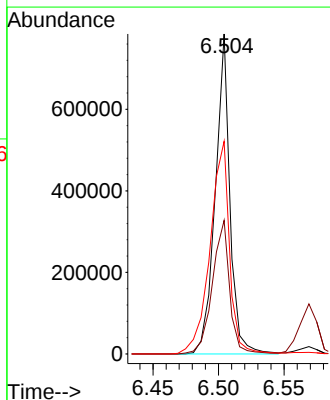
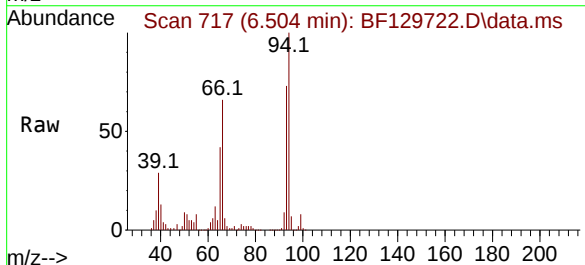
Instrument :
BNA_F
ClientSampleId :

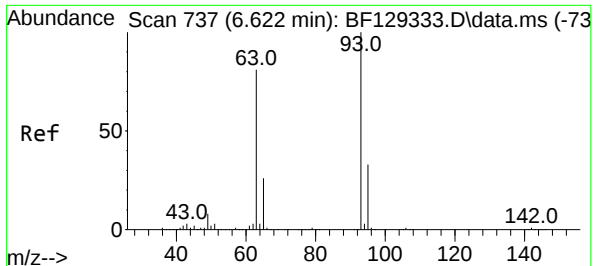
Tgt Ion: 77 Resp: 352820
Ion Ratio Lower Upper
77 100
105 98.0 81.6 121.6
106 93.6 76.1 116.1



#10
Phenol
Concen: 50.487 ng
RT: 6.504 min Scan# 717
Delta R.T. -0.000 min
Lab File: BF129722.D
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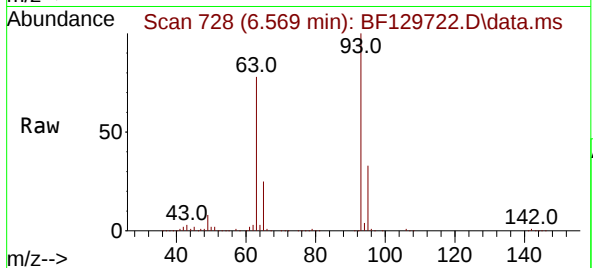
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Ion Ratio Lower Upper
94 100
65 41.7 11.4 51.4
66 66.5 21.4 61.4#



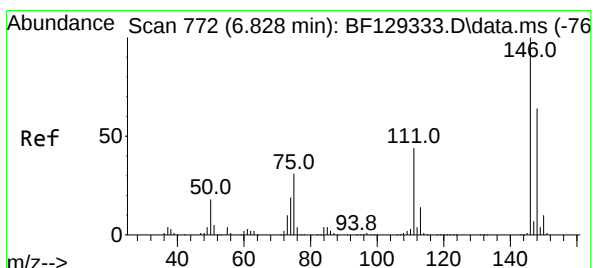
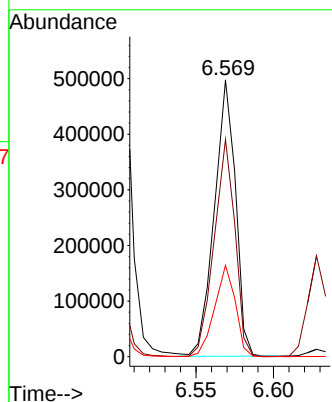
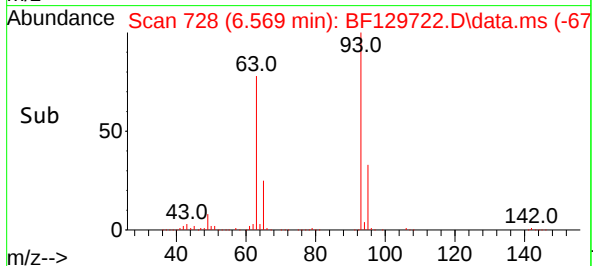


#11
bis(2-Chloroethyl)ether
Concen: 49.237 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

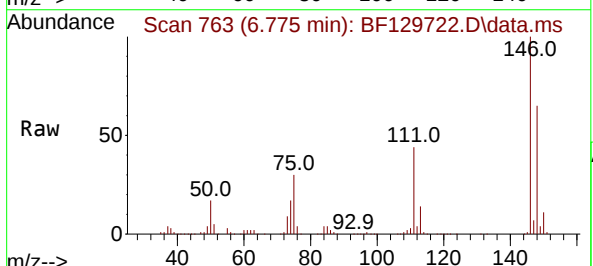
Instrument :
BNA_F
ClientSampleId :



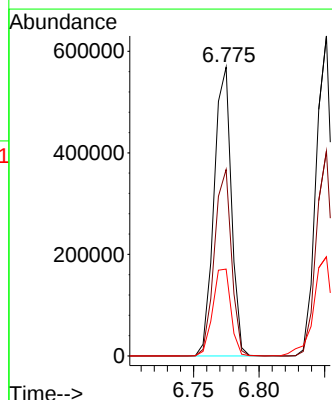
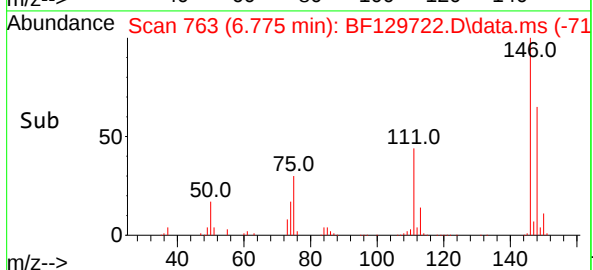
Tgt Ion: 93 Resp: 472008
Ion Ratio Lower Upper
93 100
63 78.5 67.4 107.4
95 33.0 12.7 52.7

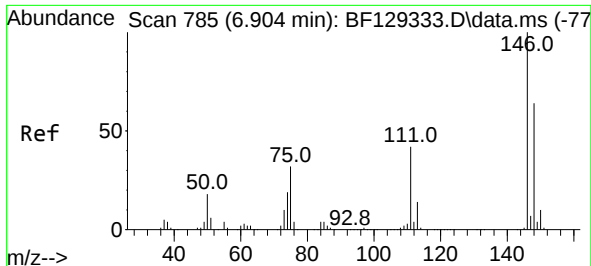


#12
1,3-Dichlorobenzene
Concen: 49.404 ng
RT: 6.775 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56



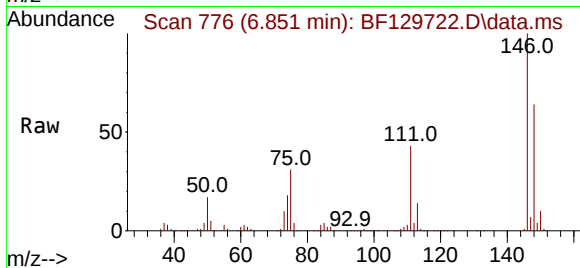
Tgt Ion: 146 Resp: 522781
Ion Ratio Lower Upper
146 100
148 64.6 50.6 75.8
75 30.1 26.3 39.5



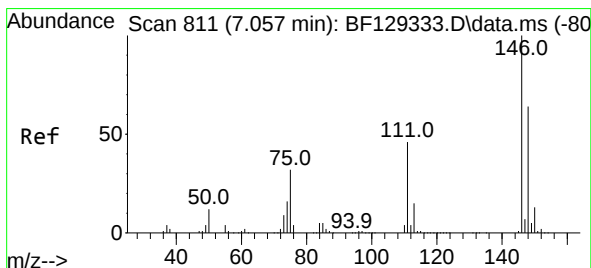
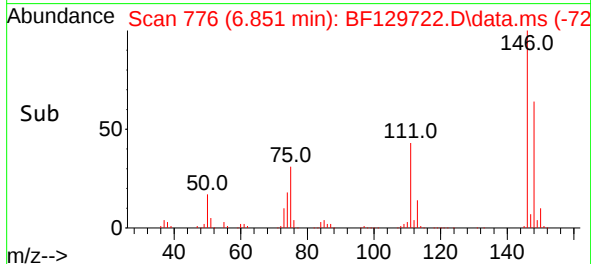
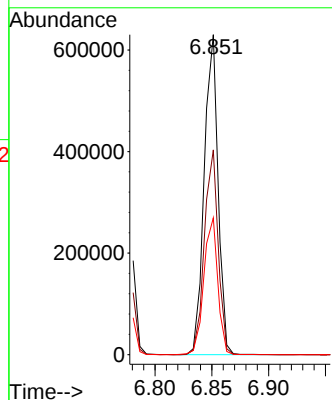


#13
 1,4-Dichlorobenzene
 Concen: 49.622 ng
 RT: 6.851 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129722.D
 Acq: 11 Aug 2022 18:56

Instrument :
 BNA_F
 ClientSampleId :

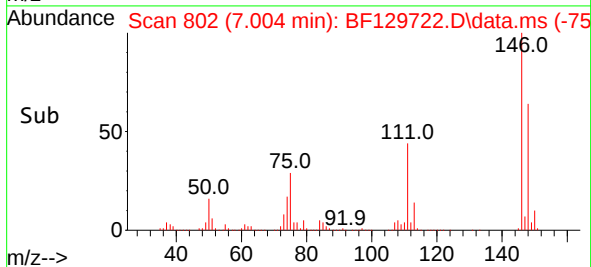
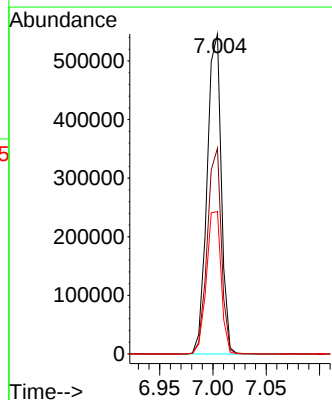
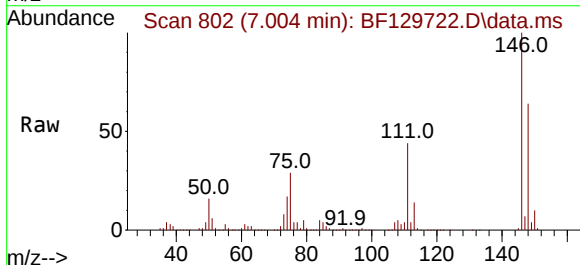


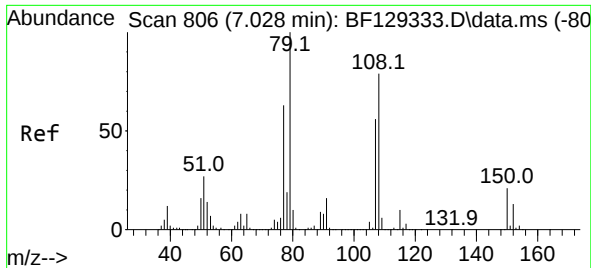
Tgt Ion:146 Resp: 534009
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.1 76.7
 111 42.8 34.2 51.4



#14
 1,2-Dichlorobenzene
 Concen: 51.333 ng
 RT: 7.004 min Scan# 802
 Delta R.T. -0.006 min
 Lab File: BF129722.D
 Acq: 11 Aug 2022 18:56

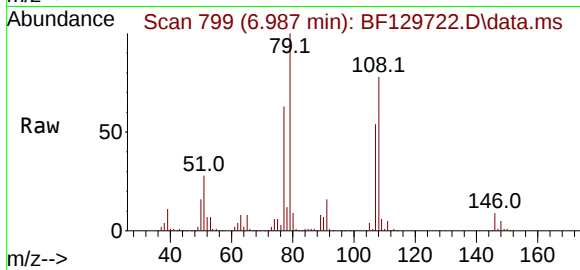
Tgt Ion:146 Resp: 507769
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.8 77.8
 111 44.5 35.1 52.7



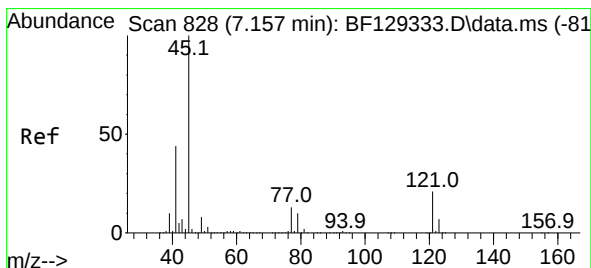
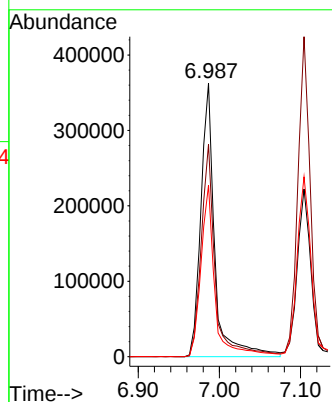
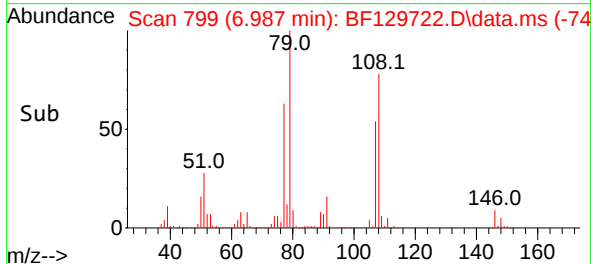


#15
Benzyl Alcohol
Concen: 52.674 ng
RT: 6.987 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

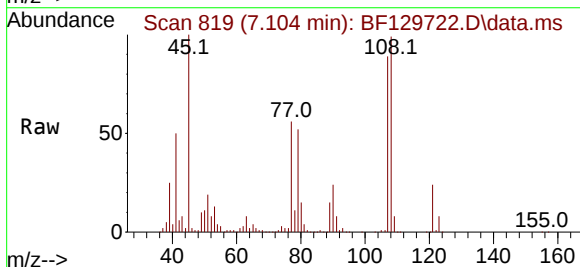
Instrument :
BNA_F
ClientSampleId :



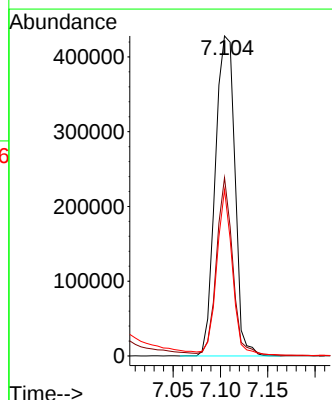
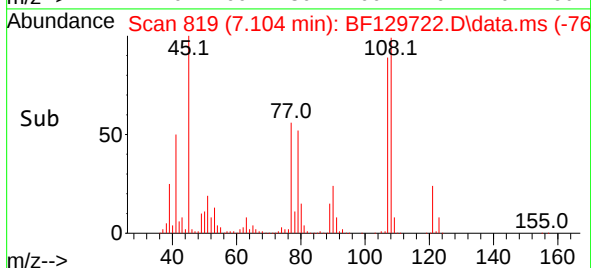
Tgt Ion: 79 Resp: 433638
Ion Ratio Lower Upper
79 100
108 77.6 61.8 92.6
77 62.6 50.2 75.4

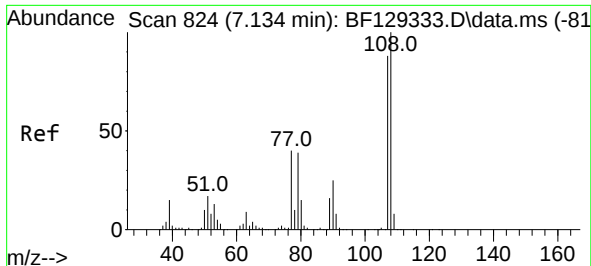


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.857 ng
RT: 7.104 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56



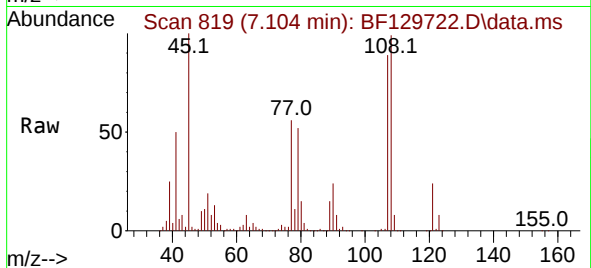
Tgt Ion: 45 Resp: 617571
Ion Ratio Lower Upper
45 100
77 55.7 0.0 31.3#
79 51.9 0.0 28.3#



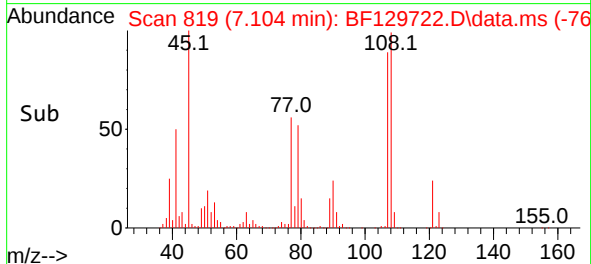
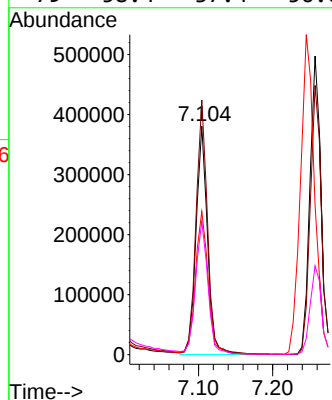


#17
2-Methylphenol
Concen: 49.934 ng
RT: 7.104 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

Instrument :
BNA_F
ClientSampleId :

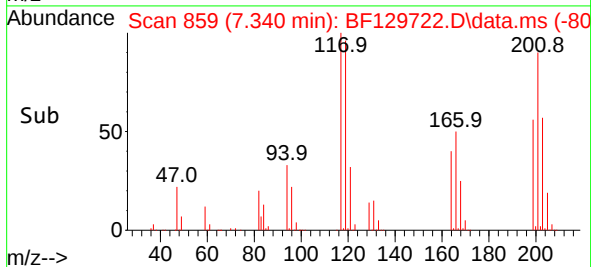
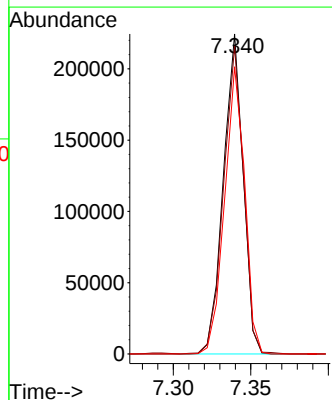
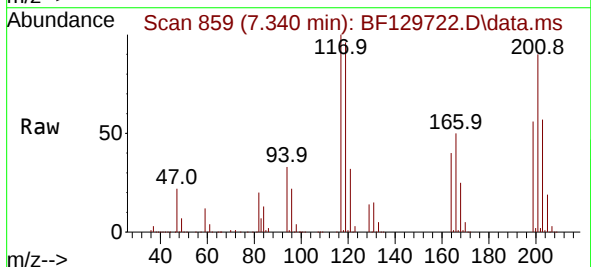


Tgt Ion:107 Resp: 408715
Ion Ratio Lower Upper
107 100
108 111.5 91.9 137.9
77 62.7 37.8 56.8#
79 58.4 37.4 56.0#



#18
Hexachloroethane
Concen: 49.294 ng
RT: 7.340 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

Tgt Ion:117 Resp: 199749
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.2
201 89.8 84.6 127.0





#19

n-Nitroso-di-n-propylamine

Concen: 50.724 ng

RT: 7.251 min Scan# 84

Delta R.T. -0.006 min

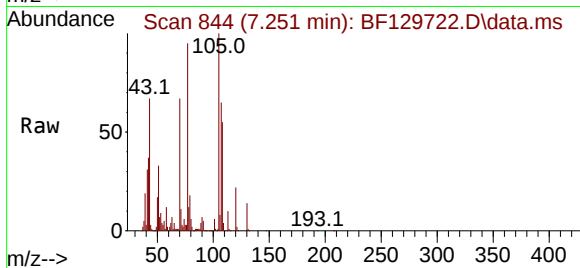
Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 348574

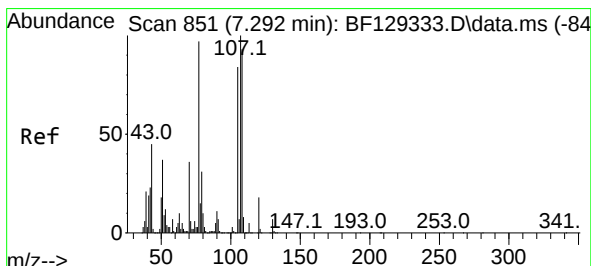
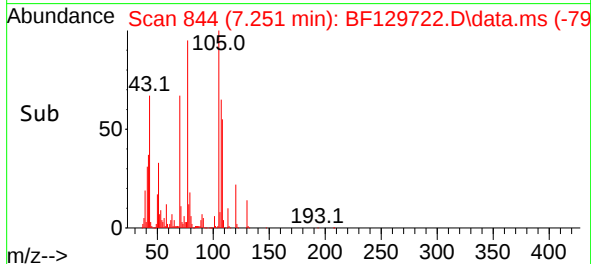
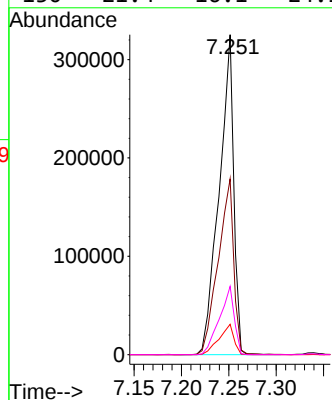
Ion Ratio Lower Upper

70 100

42 55.0 52.3 78.5

101 9.5 7.5 11.3

130 21.4 16.1 24.1



#20

3+4-Methylphenols

Concen: 50.170 ng

RT: 7.257 min Scan# 845

Delta R.T. -0.006 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

Tgt Ion: 107 Resp: 522122

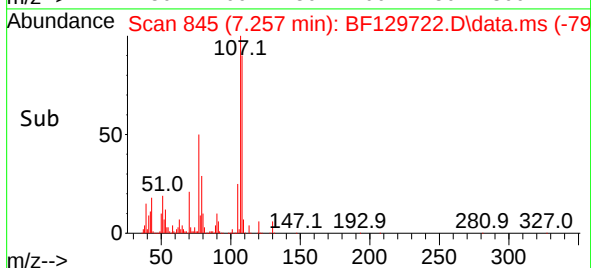
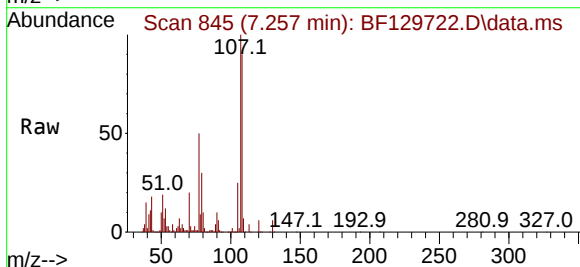
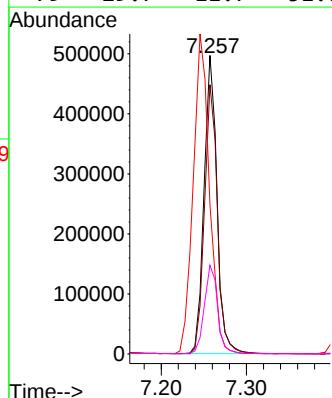
Ion Ratio Lower Upper

107 100

108 90.2 71.8 111.8

77 50.0 59.3 99.3#

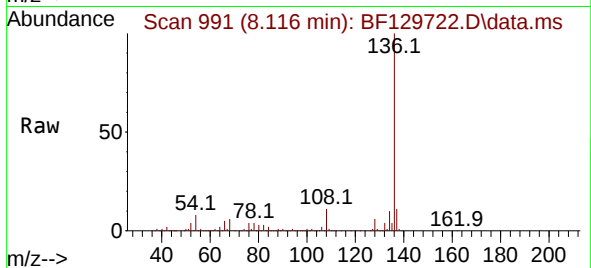
79 29.7 11.7 51.7



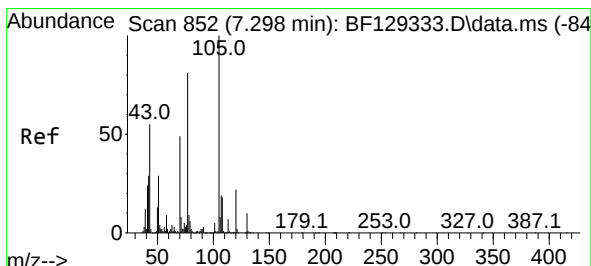
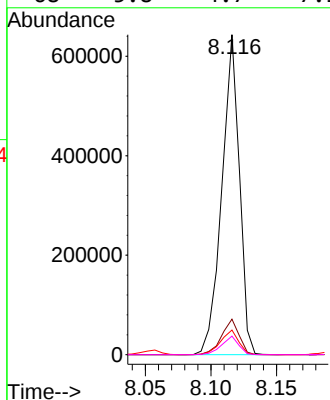
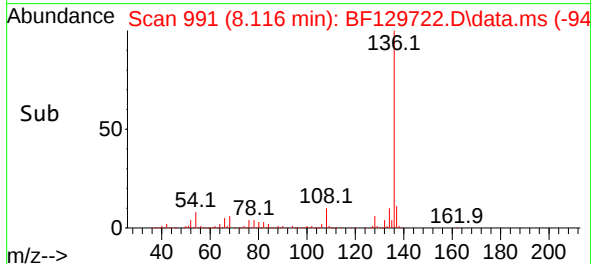


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

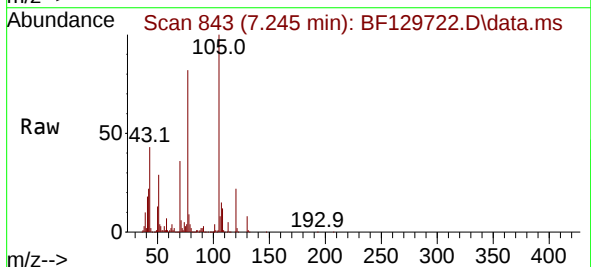
Instrument :
BNA_F
ClientSampleId :



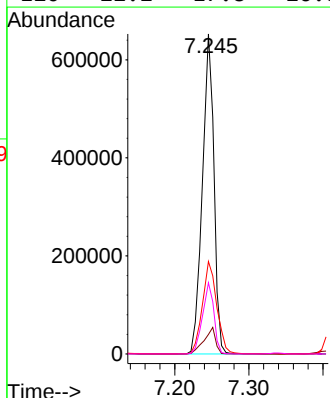
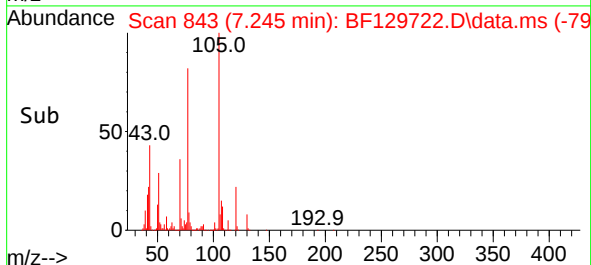
Tgt Ion:136 Resp: 597646
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.7 7.5 11.3
68 5.8 4.7 7.1



#22
Acetophenone
Concen: 50.829 ng
RT: 7.245 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56



Tgt Ion:105 Resp: 707252
Ion Ratio Lower Upper
105 100
71 6.1 5.0 7.4
51 28.9 25.0 37.4
120 22.2 17.8 26.8

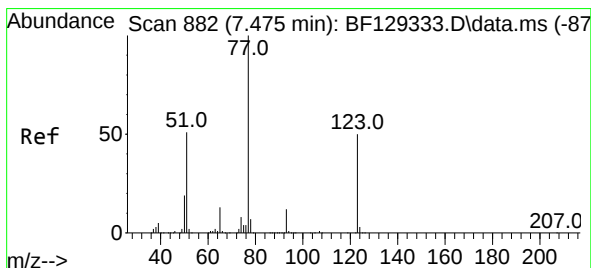
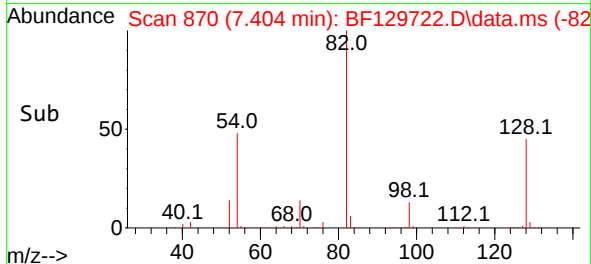
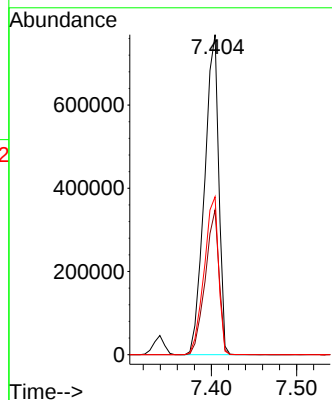
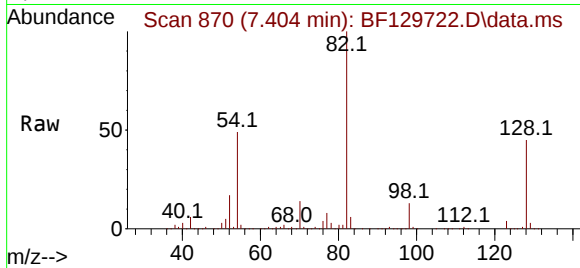




#23
 Nitrobenzene-d5
 Concen: 81.333 ng
 RT: 7.404 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF129722.D
 Acq: 11 Aug 2022 18:56

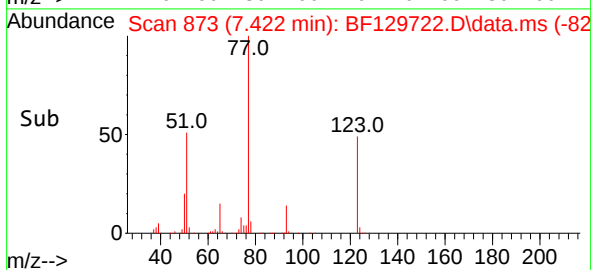
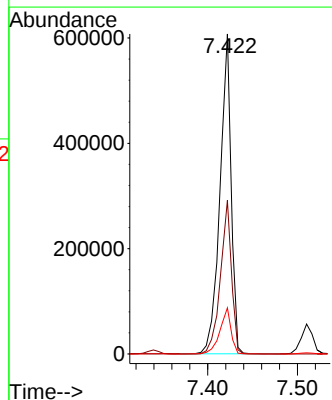
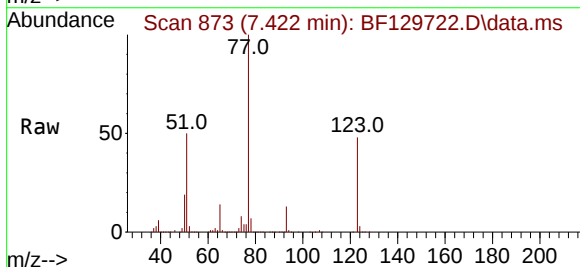
Instrument :
 BNA_F
 ClientSampleId :

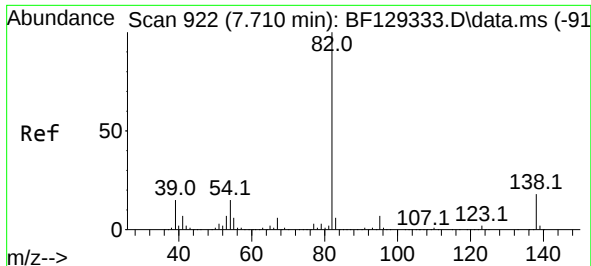
Tgt Ion: 82 Resp: 890451
 Ion Ratio Lower Upper
 82 100
 128 45.3 34.0 51.0
 54 49.3 46.9 70.3



#24
 Nitrobenzene
 Concen: 46.678 ng
 RT: 7.422 min Scan# 873
 Delta R.T. -0.006 min
 Lab File: BF129722.D
 Acq: 11 Aug 2022 18:56

Tgt Ion: 77 Resp: 526250
 Ion Ratio Lower Upper
 77 100
 123 48.0 35.4 53.2
 65 14.4 11.8 17.8

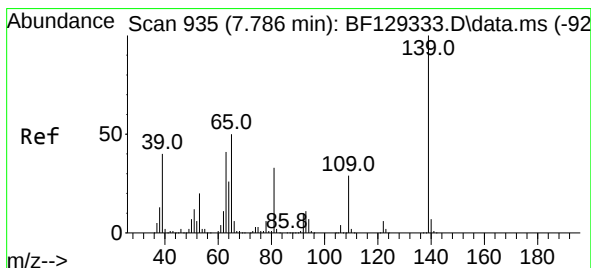
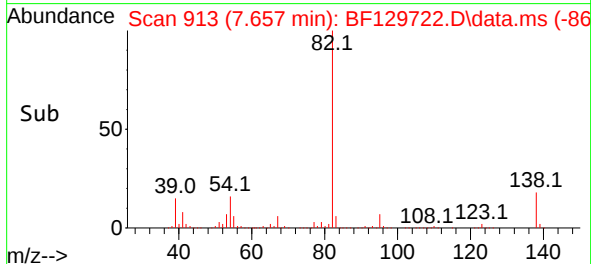
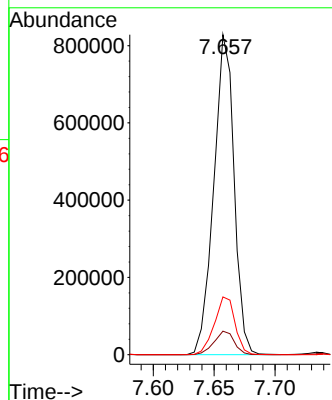
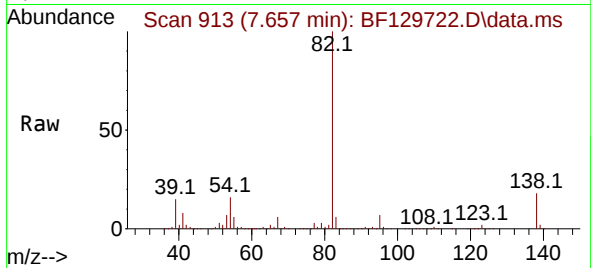




#25
Isophorone
Concen: 49.003 ng
RT: 7.657 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

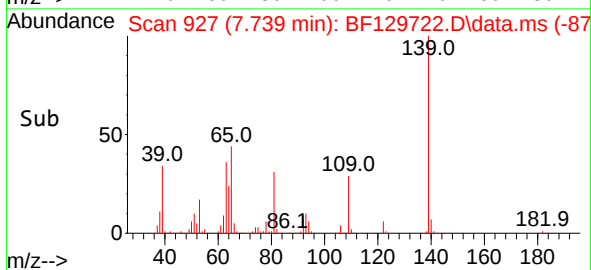
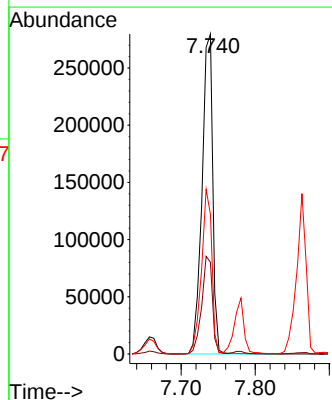
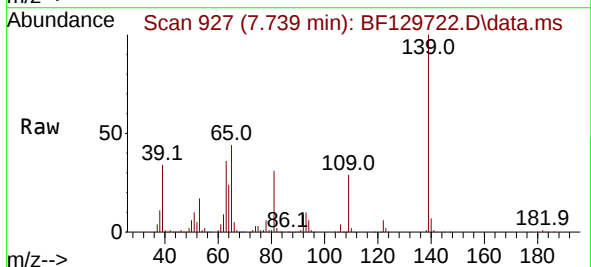
Instrument :
BNA_F
ClientSampleId :

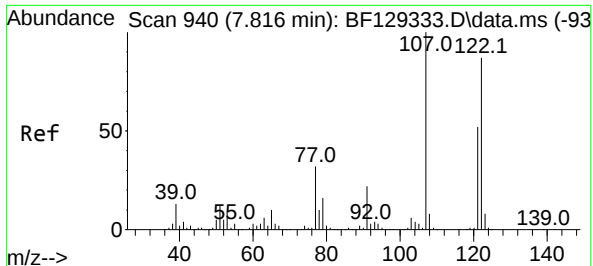
Tgt Ion: 82 Resp: 961676
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 18.0 14.2 21.2



#26
2-Nitrophenol
Concen: 50.495 ng
RT: 7.739 min Scan# 927
Delta R.T. -0.000 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

Tgt Ion:139 Resp: 280844
Ion Ratio Lower Upper
139 100
109 28.6 25.0 37.4
65 43.6 45.1 67.7#





#27

2,4-Dimethylphenol

Concen: 52.875 ng

RT: 7.781 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

Instrument :

BNA_F

ClientSampleId :

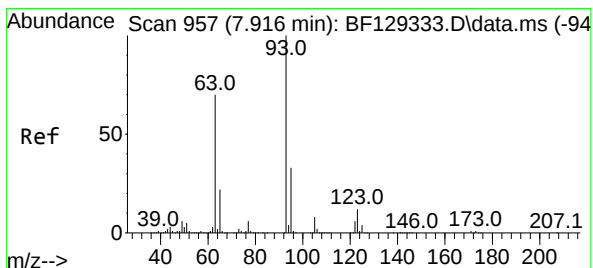
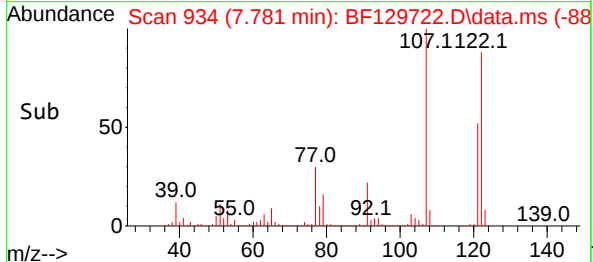
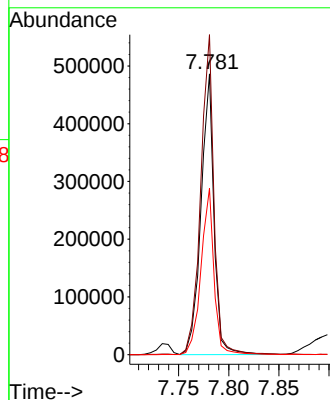
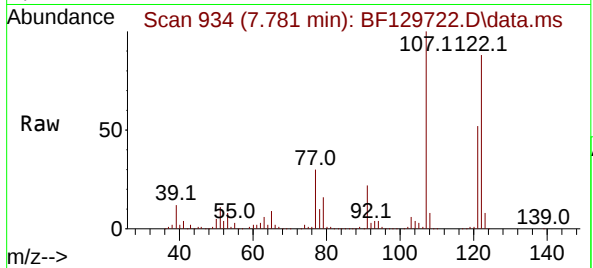
Tgt Ion:122 Resp: 441125

Ion Ratio Lower Upper

122 100

107 114.0 93.0 139.6

121 59.2 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 51.878 ng

RT: 7.863 min Scan# 948

Delta R.T. -0.006 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

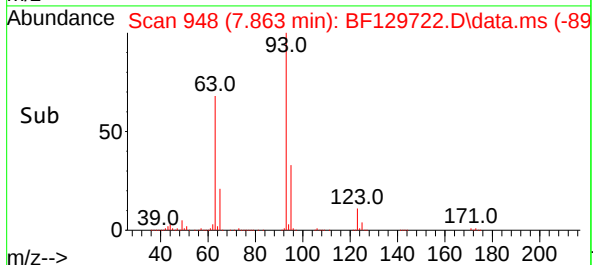
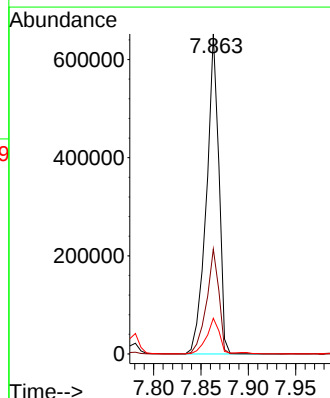
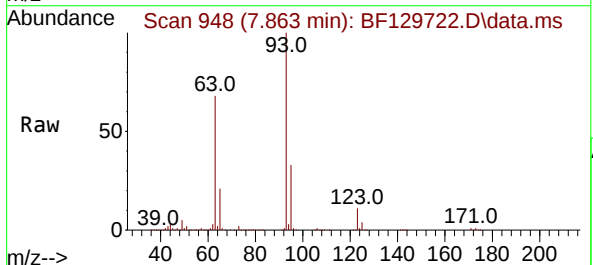
Tgt Ion: 93 Resp: 590600

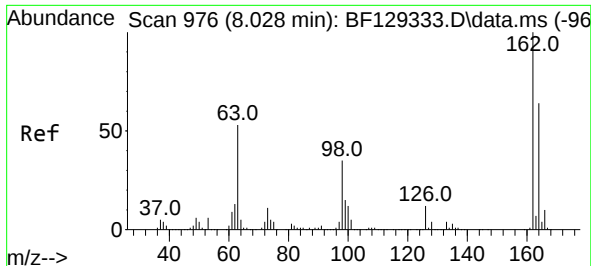
Ion Ratio Lower Upper

93 100

95 32.8 26.8 40.2

123 11.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 49.369 ng

RT: 7.987 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

Instrument :

BNA_F

ClientSampleId :

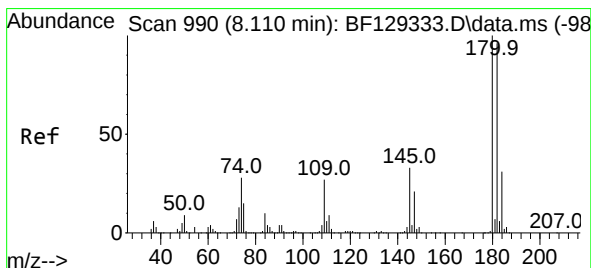
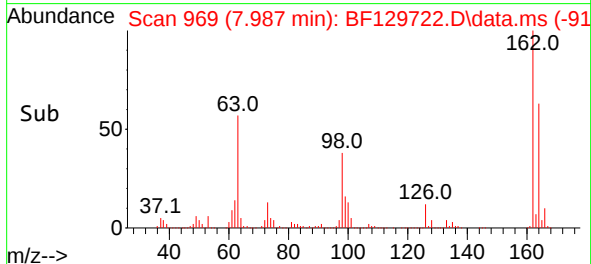
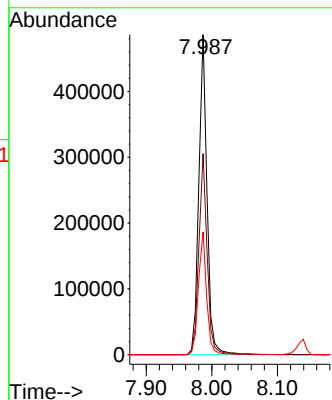
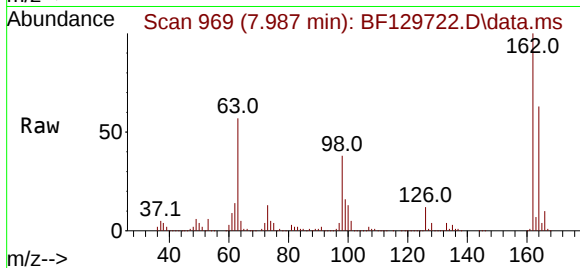
Tgt Ion:162 Resp: 425108

Ion Ratio Lower Upper

162 100

164 62.9 44.2 84.2

98 38.3 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 47.457 ng

RT: 8.057 min Scan# 981

Delta R.T. -0.006 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

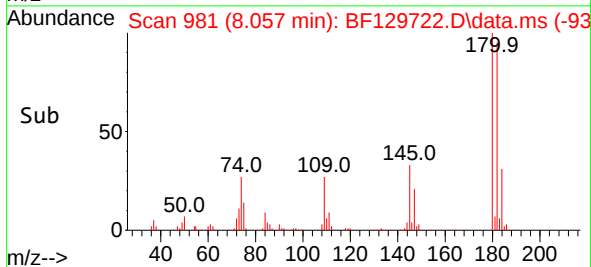
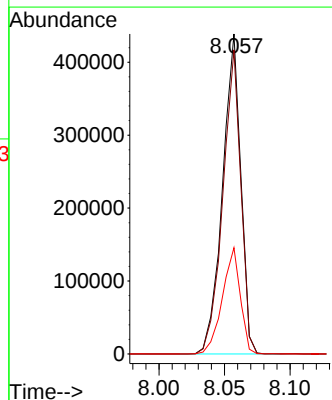
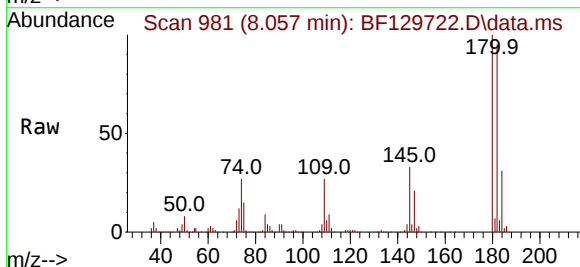
Tgt Ion:180 Resp: 422978

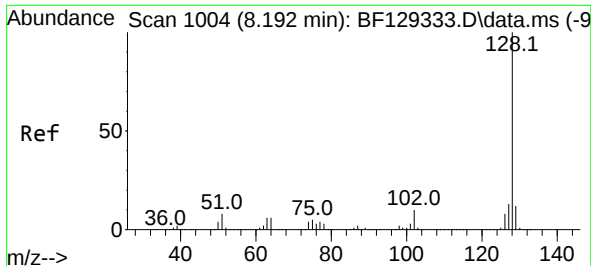
Ion Ratio Lower Upper

180 100

182 95.0 79.2 118.8

145 33.2 26.2 39.2





#31

Naphthalene

Concen: 47.663 ng

RT: 8.139 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

Instrument :

BNA_F

ClientSampleId :

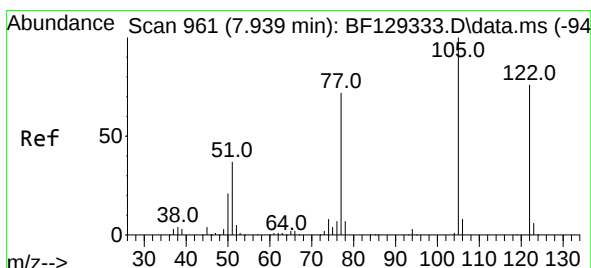
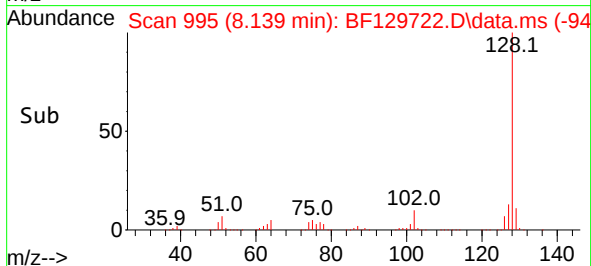
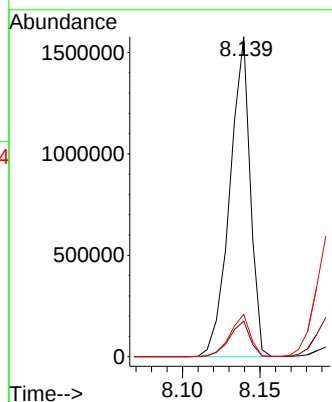
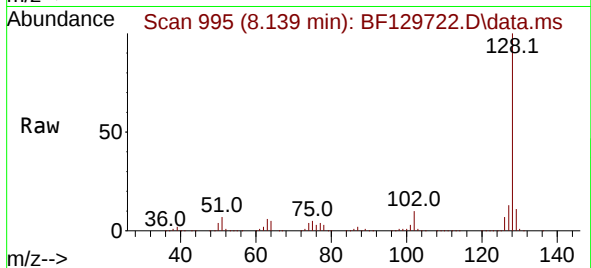
Tgt Ion:128 Resp: 1447233

Ion Ratio Lower Upper

128 100

129 11.1 9.2 13.8

127 13.2 10.5 15.7



#32

Benzoic acid

Concen: 10.844 ng

RT: 7.898 min Scan# 954

Delta R.T. -0.018 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

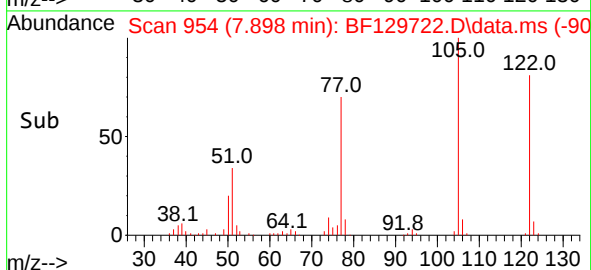
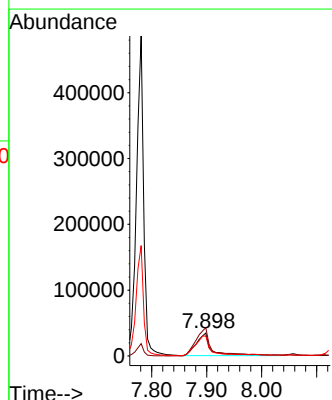
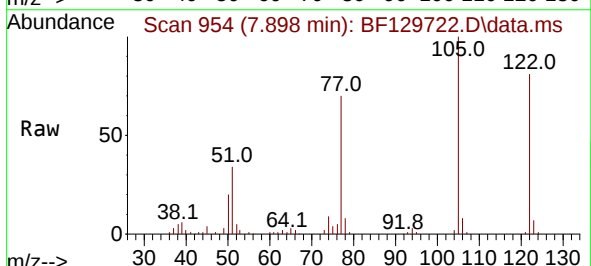
Tgt Ion:122 Resp: 65400

Ion Ratio Lower Upper

122 100

105 123.7 107.1 147.1

77 87.1 74.2 114.2

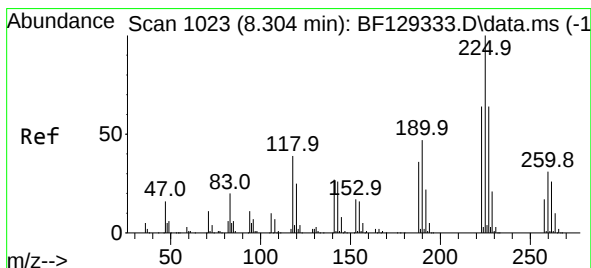
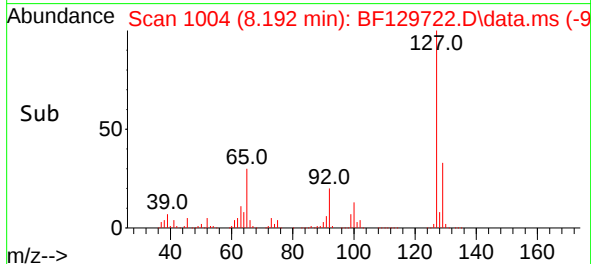
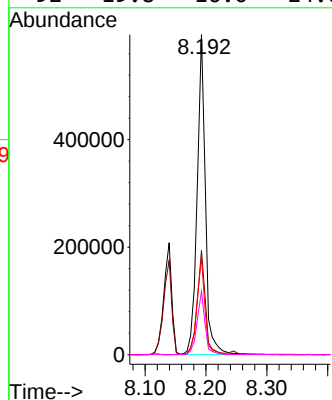
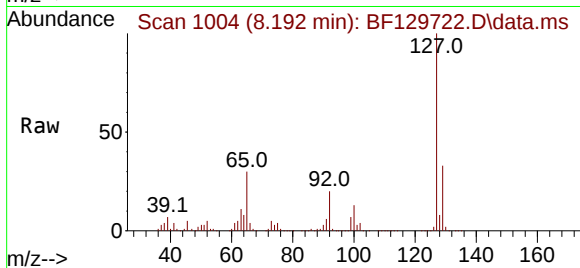




#33
4-Chloroaniline
Concen: 45.215 ng
RT: 8.192 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

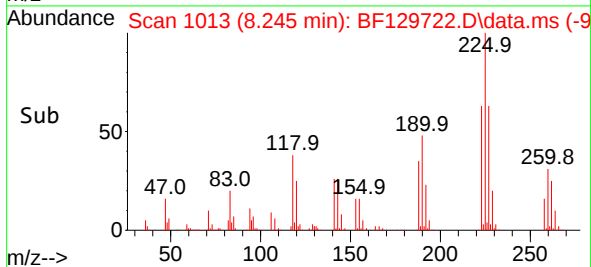
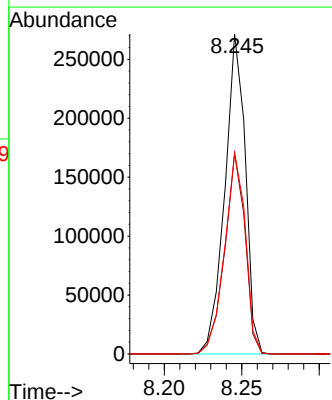
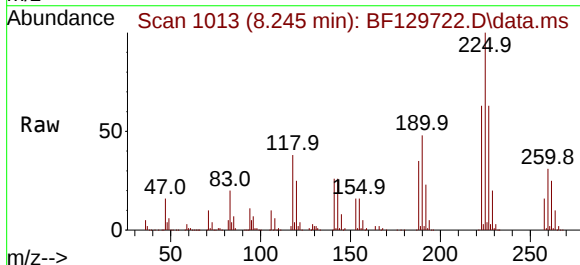
Instrument :
BNA_F
ClientSampleId :

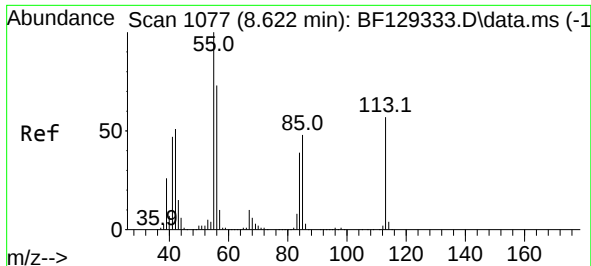
Tgt Ion:	127	Resp:	563662
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.4	39.6
65	30.4	26.4	39.6
92	19.8	16.0	24.0



#34
Hexachlorobutadiene
Concen: 49.460 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

Tgt Ion:	225	Resp:	250582
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.0	76.6
227	62.8	51.1	76.7

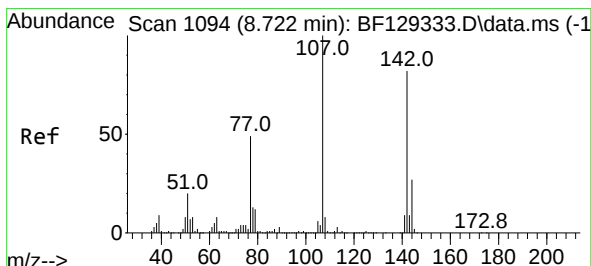
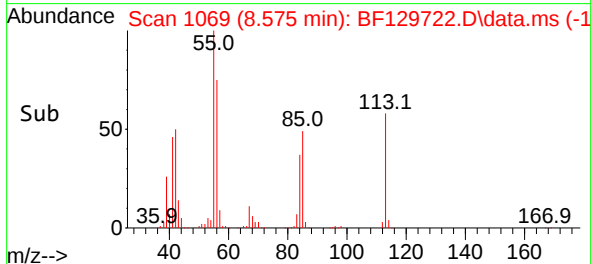
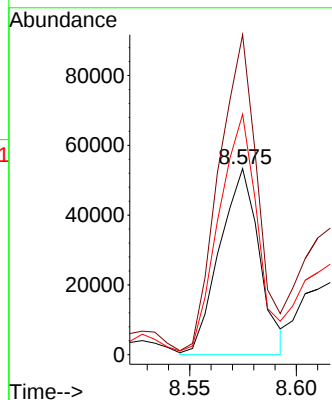
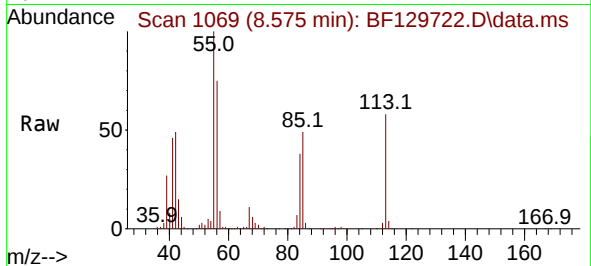




#35
 Caprolactam
 Concen: 24.708 ng
 RT: 8.575 min Scan# 1069
 Delta R.T. -0.006 min
 Lab File: BF129722.D
 Acq: 11 Aug 2022 18:56

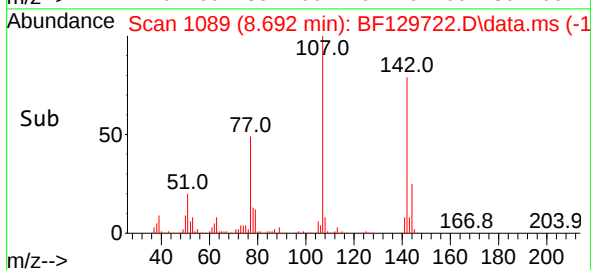
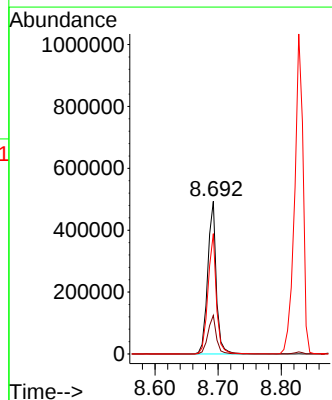
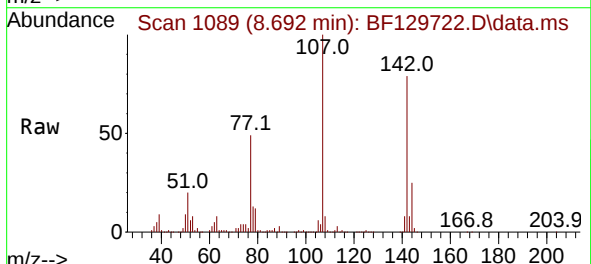
Instrument :
 BNA_F
 ClientSampleId :

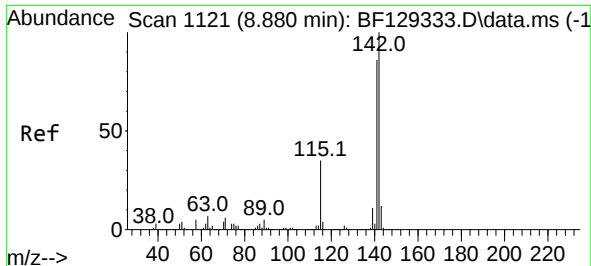
Tgt Ion:113 Resp: 69171
 Ion Ratio Lower Upper
 113 100
 55 171.9 188.5 228.5#
 56 129.2 130.6 170.6#



#36
 4-Chloro-3-methylphenol
 Concen: 51.017 ng
 RT: 8.692 min Scan# 1089
 Delta R.T. -0.000 min
 Lab File: BF129722.D
 Acq: 11 Aug 2022 18:56

Tgt Ion:107 Resp: 465929
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.5 29.3
 142 78.8 58.2 87.4





#37

2-Methylnaphthalene

Concen: 48.723 ng

RT: 8.828 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

Instrument :

BNA_F

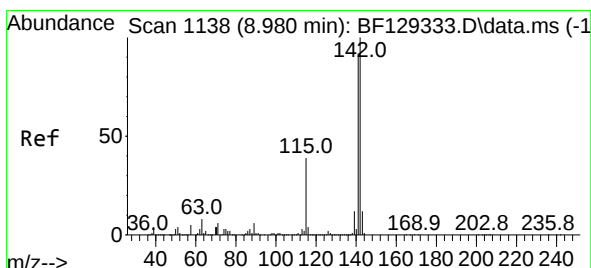
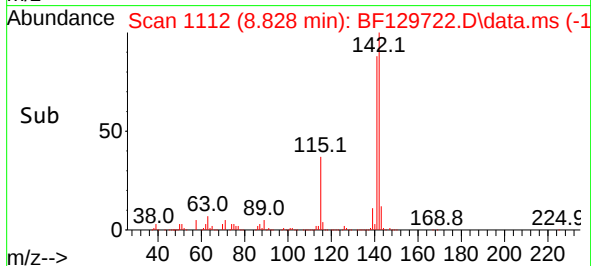
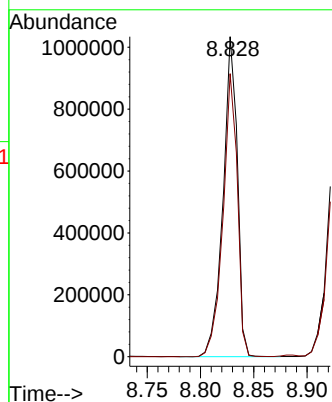
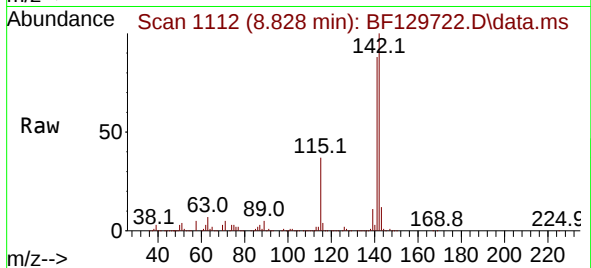
ClientSampleId :

Tgt Ion:142 Resp: 961408

Ion Ratio Lower Upper

142 100

141 88.4 71.0 106.4



#38

1-Methylnaphthalene

Concen: 47.481 ng

RT: 8.928 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BF129722.D

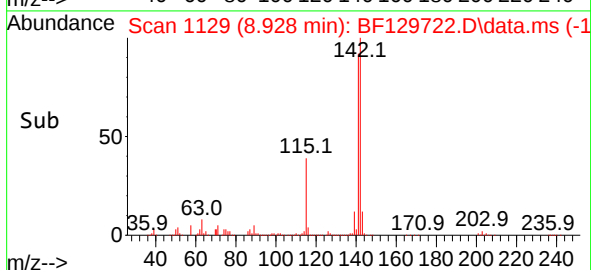
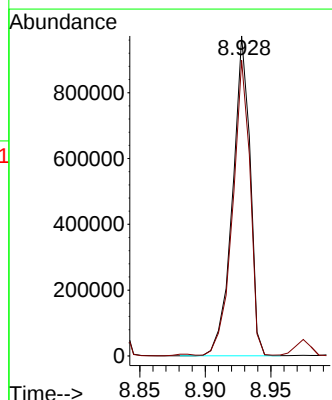
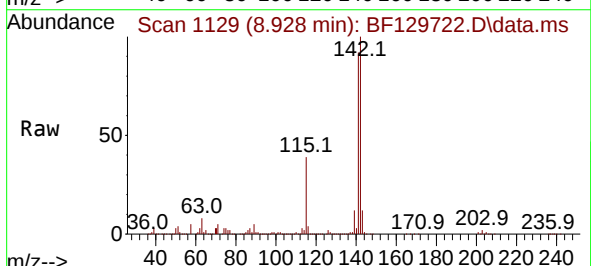
Acq: 11 Aug 2022 18:56

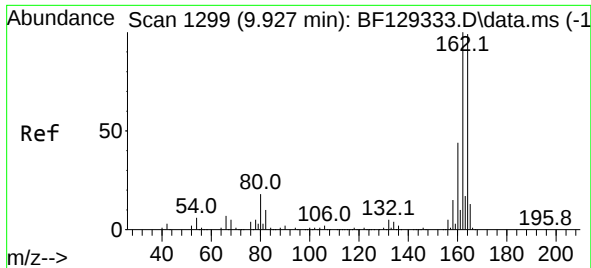
Tgt Ion:142 Resp: 904444

Ion Ratio Lower Upper

142 100

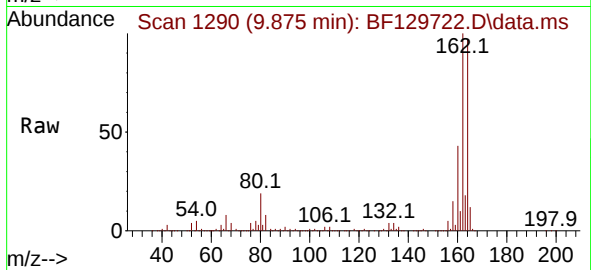
141 92.4 74.2 111.4



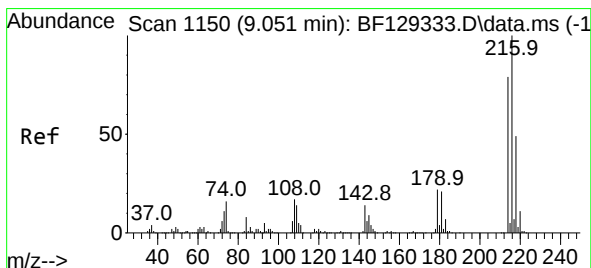
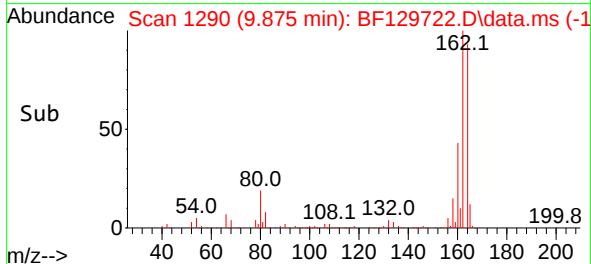
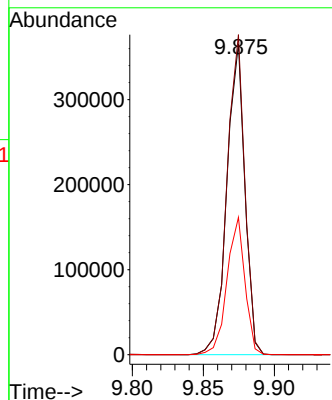


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

Instrument :
BNA_F
ClientSampleId :

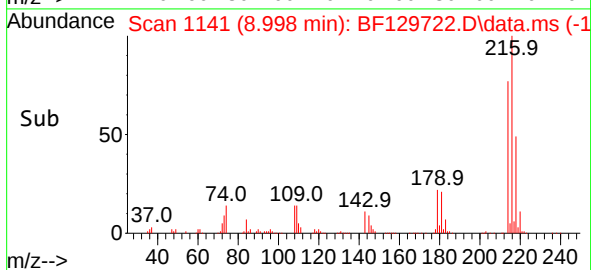
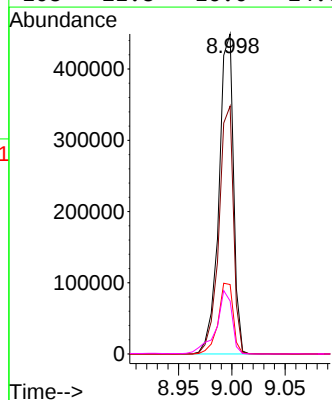
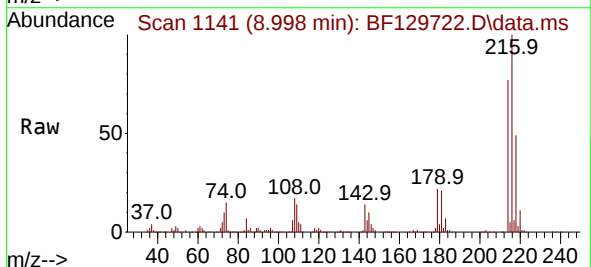


Tgt Ion:164 Resp: 321495
Ion Ratio Lower Upper
164 100
162 102.9 79.5 119.3
160 44.2 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.328 ng
RT: 8.998 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

Tgt Ion:216 Resp: 424860
Ion Ratio Lower Upper
216 100
214 77.6 63.6 95.4
179 22.7 17.0 25.6
108 21.8 16.0 24.0

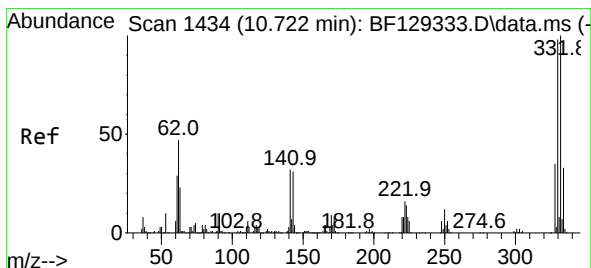
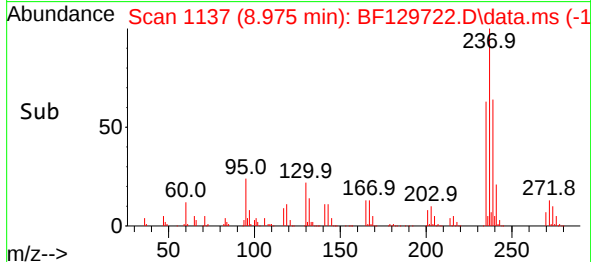
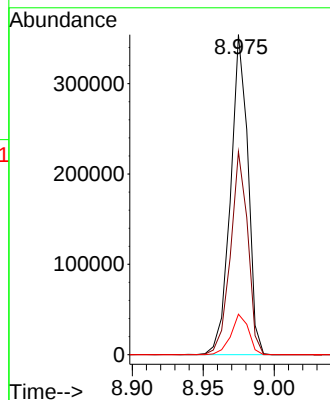
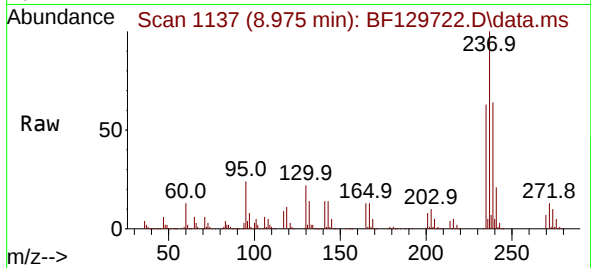




#41
Hexachlorocyclopentadiene
Concen: 80.393 ng
RT: 8.975 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

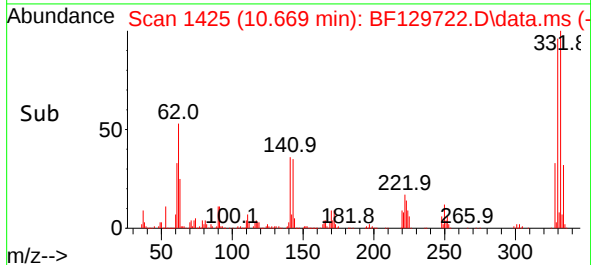
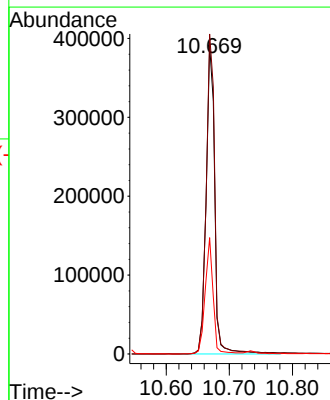
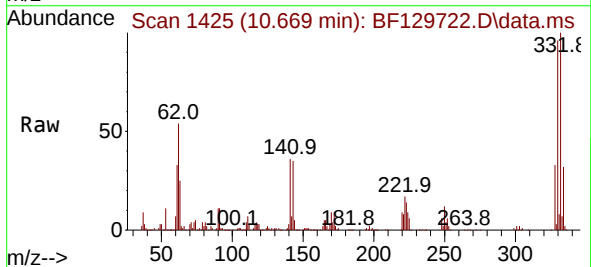
Instrument :
BNA_F
ClientSampleId :

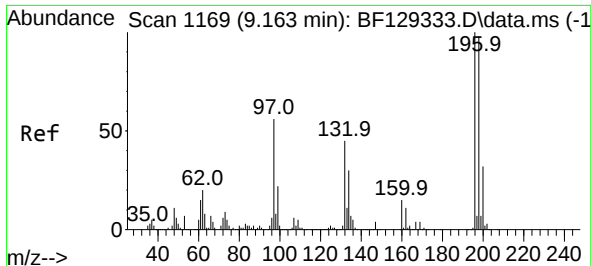
Tgt Ion:237 Resp: 302202
Ion Ratio Lower Upper
237 100
235 63.5 43.2 83.2
272 12.6 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 120.168 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

Tgt Ion:330 Resp: 371432
Ion Ratio Lower Upper
330 100
332 104.7 76.8 115.2
141 34.9 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 44.120 ng

RT: 9.116 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

Instrument :

BNA_F

ClientSampleId :

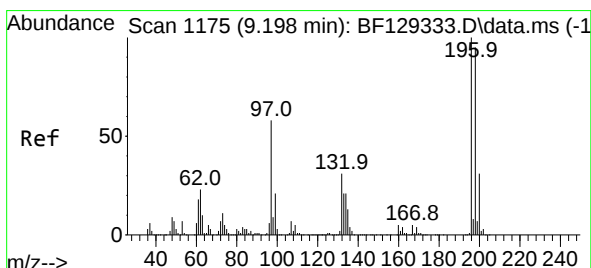
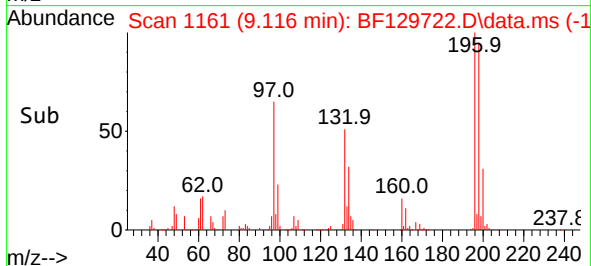
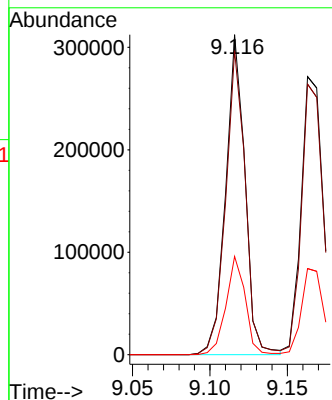
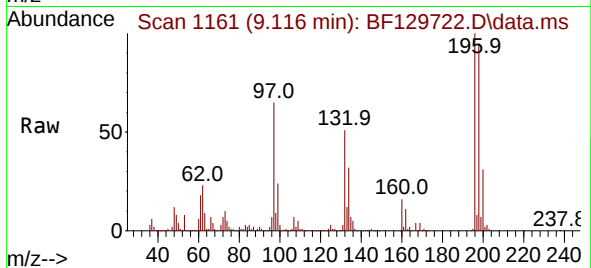
Tgt Ion:196 Resp: 270516

Ion Ratio Lower Upper

196 100

198 95.0 74.0 111.0

200 30.7 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 43.286 ng

RT: 9.163 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

Tgt Ion:196 Resp: 288615

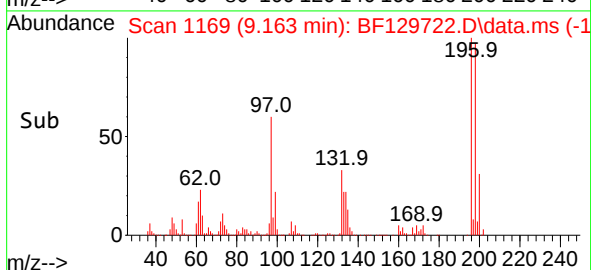
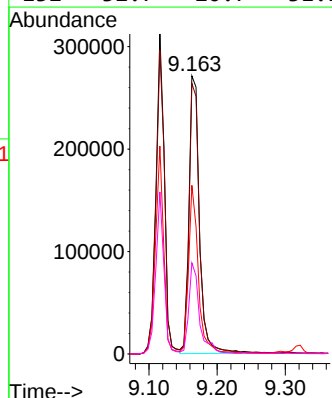
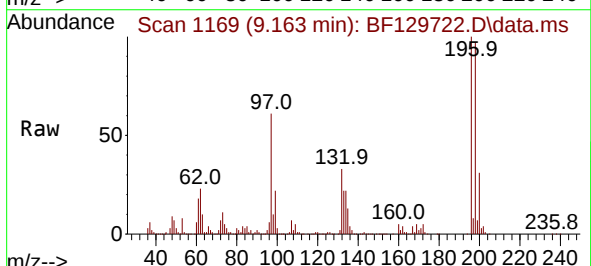
Ion Ratio Lower Upper

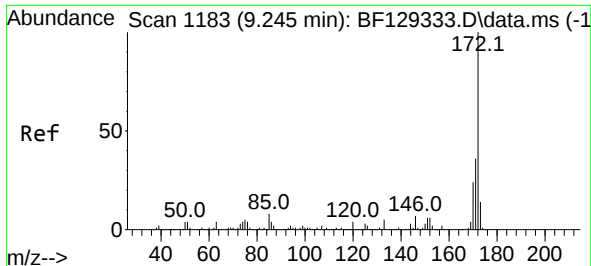
196 100

198 97.3 75.7 113.5

97 60.7 36.4 54.6#

132 32.7 20.7 31.1#





#45

2-Fluorobiphenyl

Concen: 74.600 ng

RT: 9.192 min Scan# 1119

Delta R.T. -0.006 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

Instrument :

BNA_F

ClientSampleId :

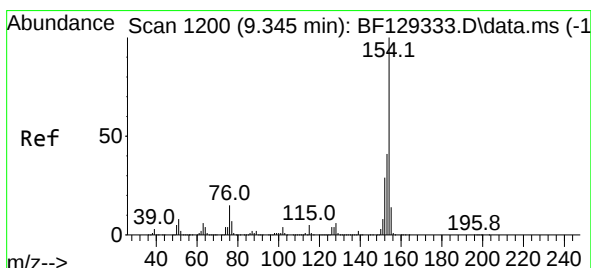
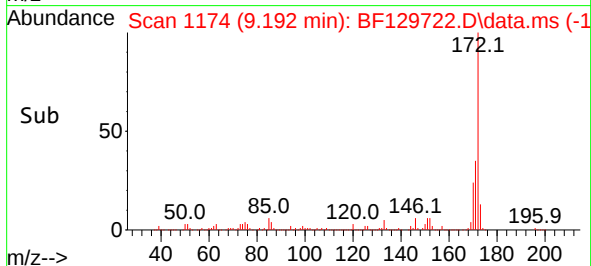
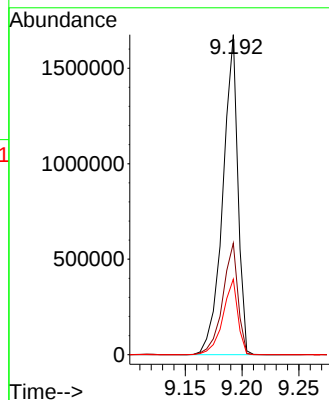
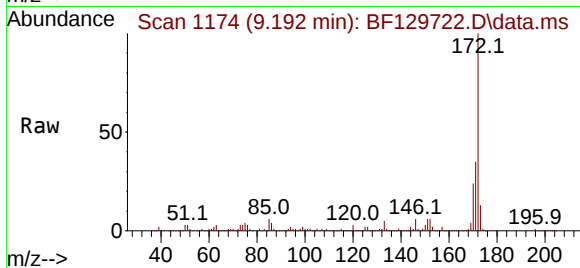
Tgt Ion:172 Resp: 1550371

Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.6 19.8 29.8



#46

1,1'-Biphenyl

Concen: 49.202 ng

RT: 9.292 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

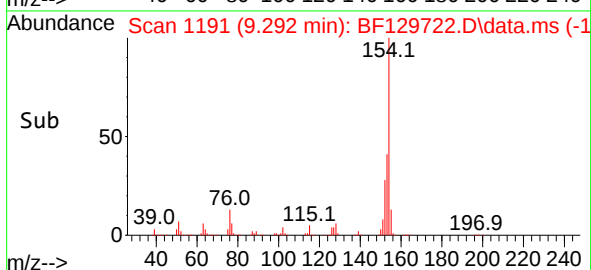
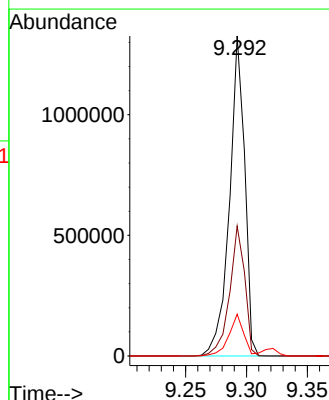
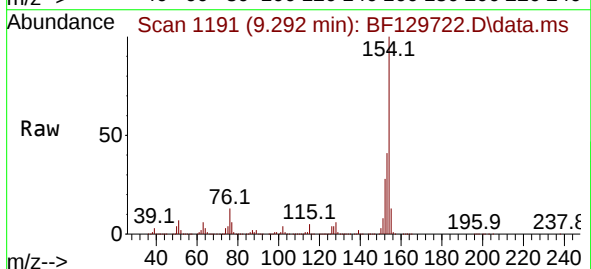
Tgt Ion:154 Resp: 1154413

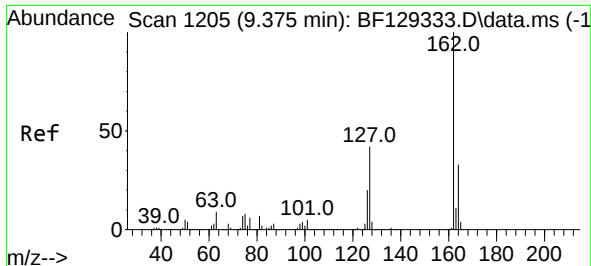
Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

76 13.1 0.0 33.3

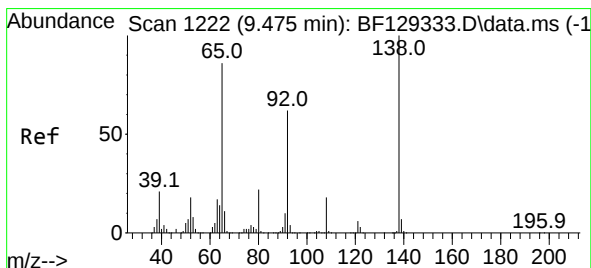
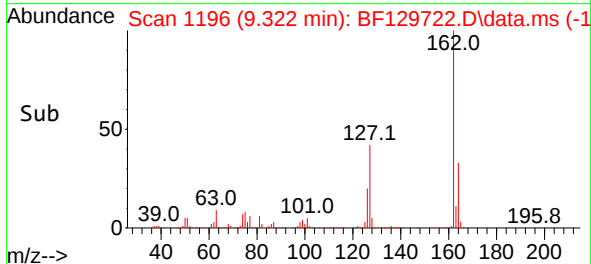
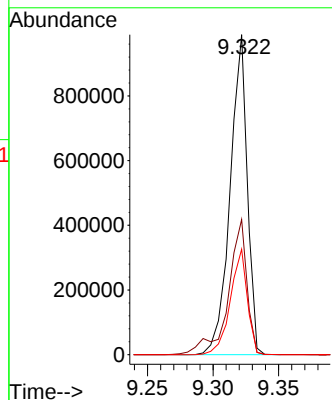
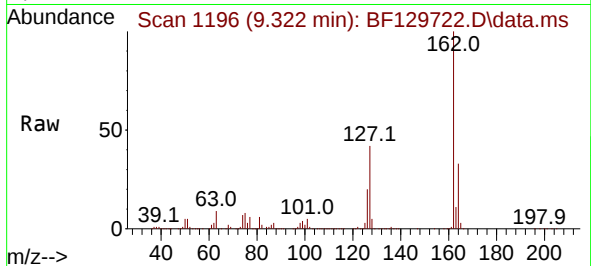




#47
2-Chloronaphthalene
Concen: 47.499 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

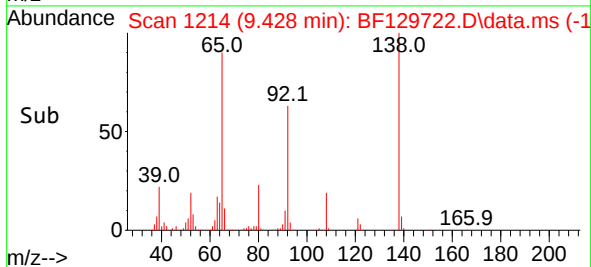
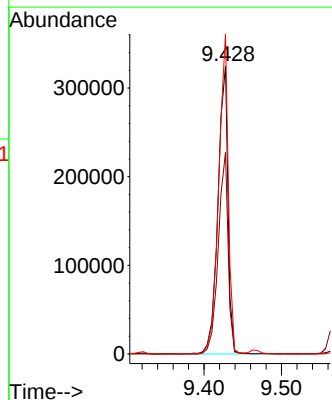
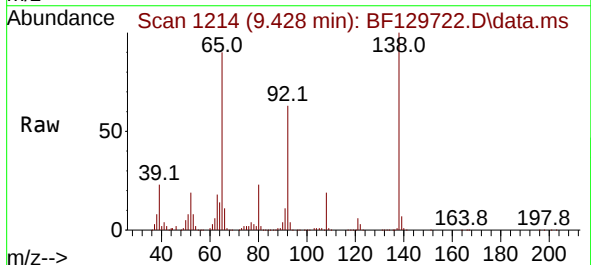
Instrument :
BNA_F
ClientSampleId :

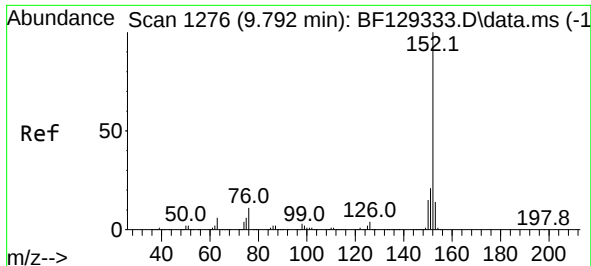
Tgt Ion:162 Resp: 900918
Ion Ratio Lower Upper
162 100
127 42.2 34.5 51.7
164 32.9 26.5 39.7



#48
2-Nitroaniline
Concen: 46.666 ng
RT: 9.428 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

Tgt Ion: 65 Resp: 294325
Ion Ratio Lower Upper
65 100
92 70.0 51.9 77.9
138 111.1 76.4 114.6





#49

Acenaphthylene

Concen: 47.243 ng

RT: 9.739 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

Instrument :

BNA_F

ClientSampleId :

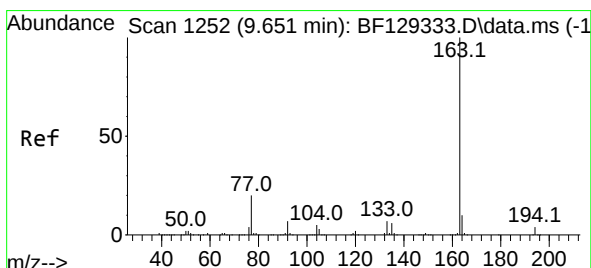
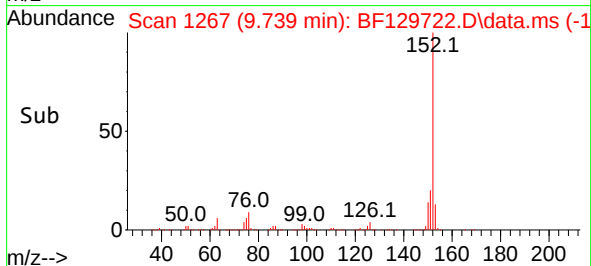
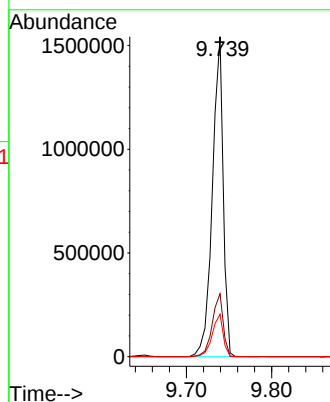
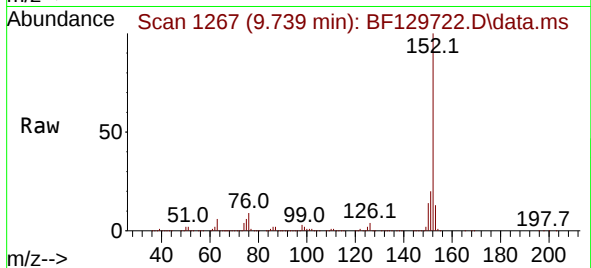
Tgt Ion:152 Resp: 1361583

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.4

153 13.2 10.7 16.1



#50

Dimethylphthalate

Concen: 47.658 ng

RT: 9.598 min Scan# 1243

Delta R.T. -0.000 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

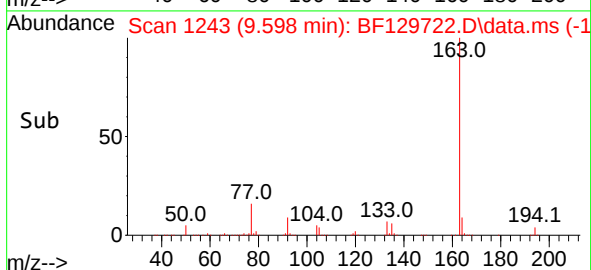
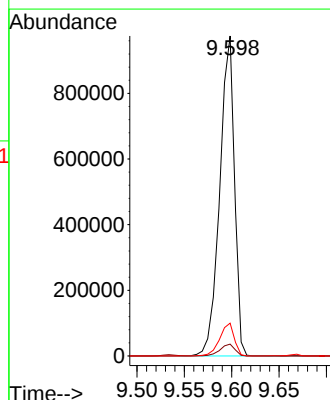
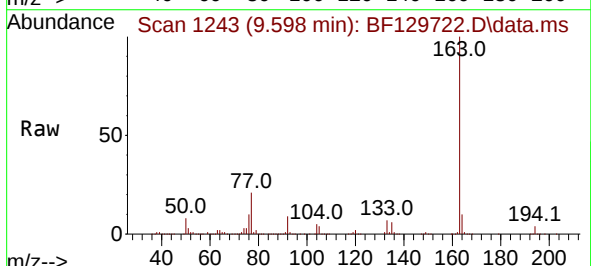
Tgt Ion:163 Resp: 1057710

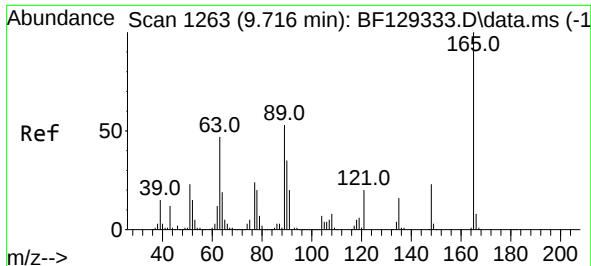
Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 47.539 ng

RT: 9.669 min Scan# 1263

Delta R.T. -0.000 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

Instrument :

BNA_F

ClientSampleId :

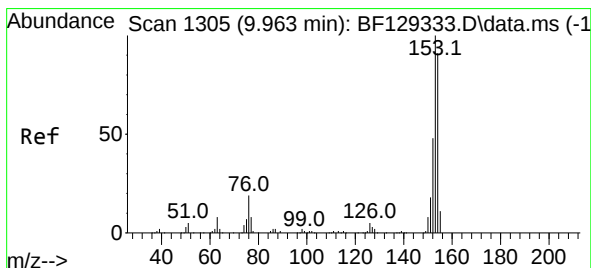
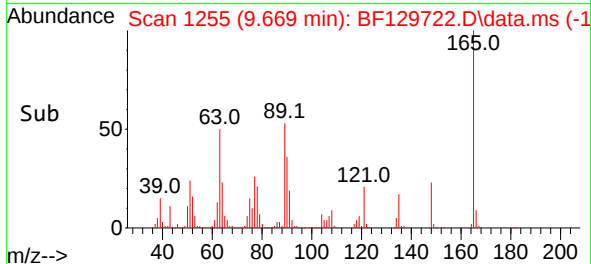
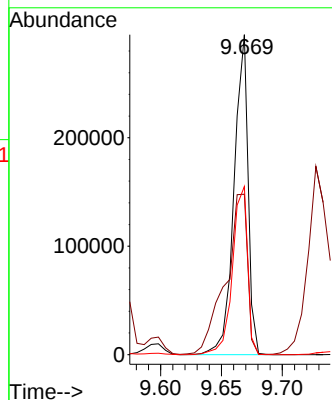
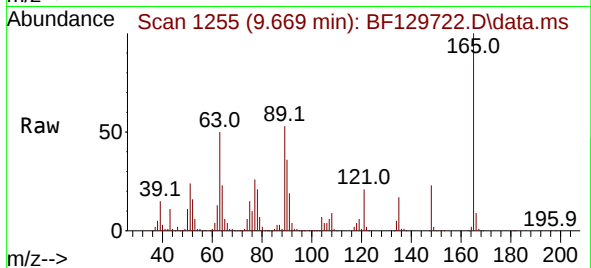
Tgt Ion:165 Resp: 236147

Ion Ratio Lower Upper

165 100

63 50.2 44.9 67.3

89 52.6 43.6 65.4



#52

Acenaphthene

Concen: 43.859 ng

RT: 9.910 min Scan# 1296

Delta R.T. -0.006 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

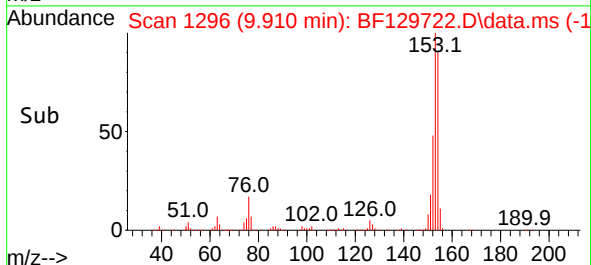
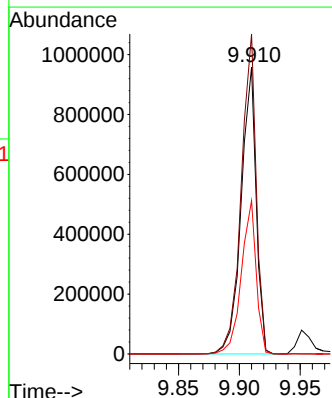
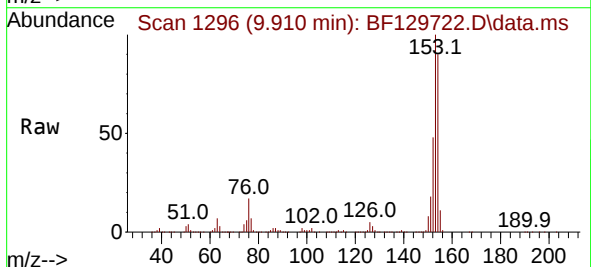
Tgt Ion:154 Resp: 825596

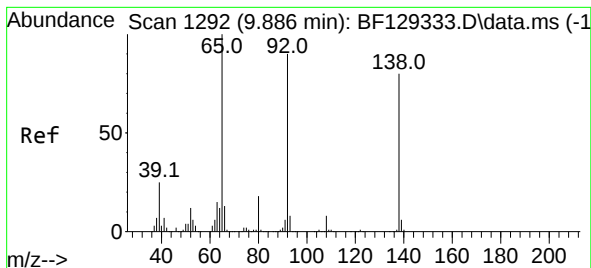
Ion Ratio Lower Upper

154 100

153 111.6 89.6 134.4

152 53.4 42.4 63.6





#53

3-Nitroaniline

Concen: 37.763 ng

RT: 9.839 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

Instrument :

BNA_F

ClientSampleId :

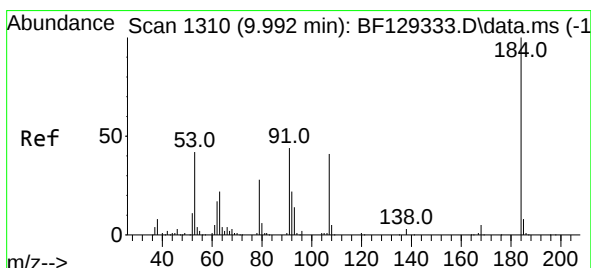
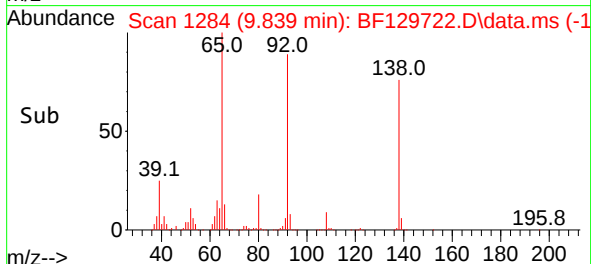
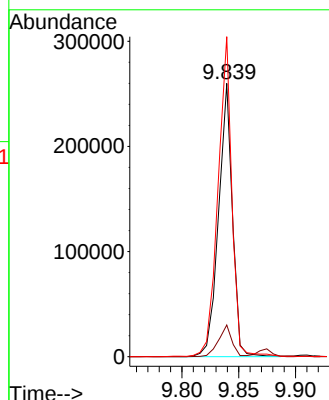
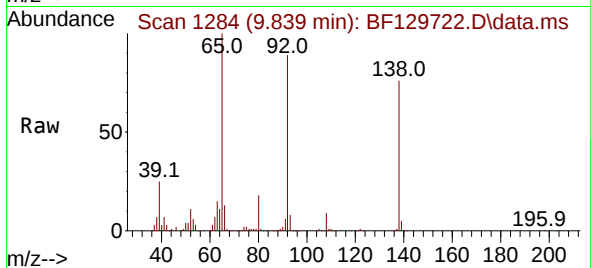
Tgt Ion:138 Resp: 221506

Ion Ratio Lower Upper

138 100

108 11.6 10.9 16.3

92 117.1 98.2 147.2



#54

2,4-Dinitrophenol

Concen: 46.710 ng

RT: 9.951 min Scan# 1303

Delta R.T. -0.006 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

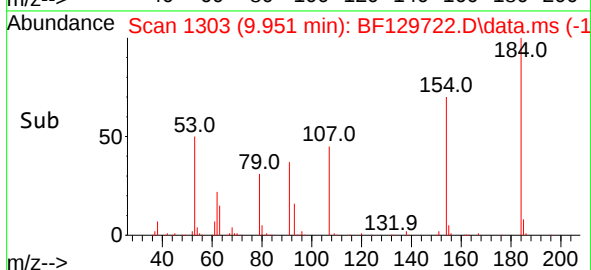
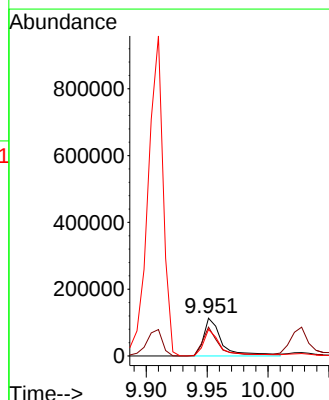
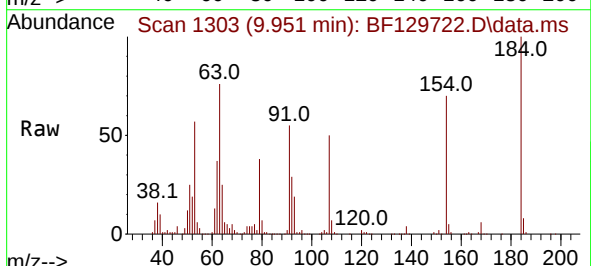
Tgt Ion:184 Resp: 118451

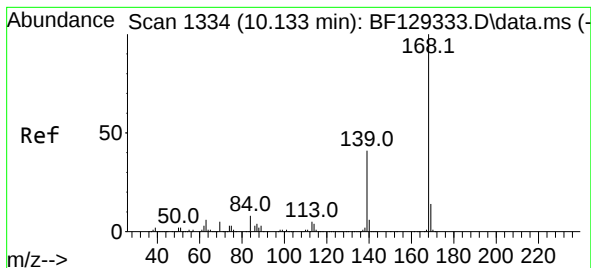
Ion Ratio Lower Upper

184 100

63 76.0 64.5 96.7

154 70.3 50.6 75.8





#55

Dibenzenofuran

Concen: 46.736 ng

RT: 10.081 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

Instrument :

BNA_F

ClientSampleId :

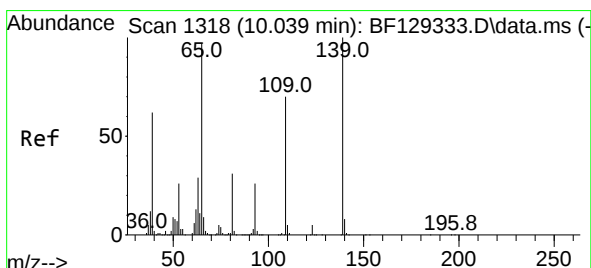
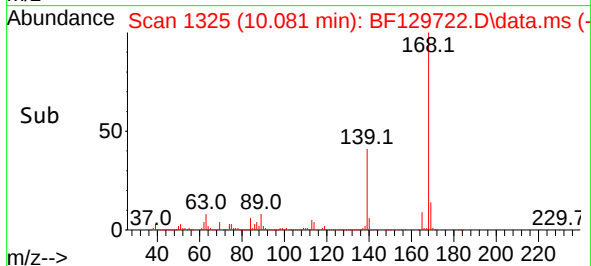
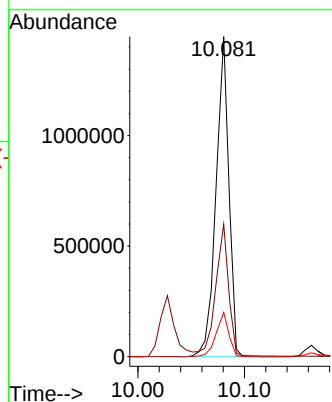
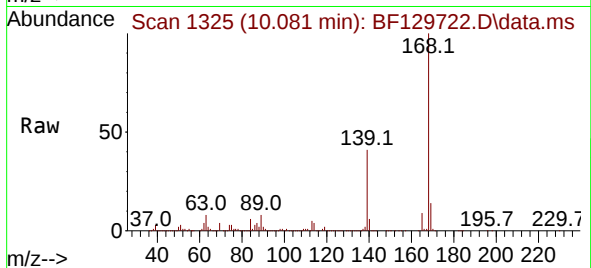
Tgt Ion:168 Resp: 1212761

Ion Ratio Lower Upper

168 100

139 41.4 30.6 46.0

169 13.8 11.0 16.6



#56

4-Nitrophenol

Concen: 61.512 ng

RT: 10.028 min Scan# 1316

Delta R.T. -0.000 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

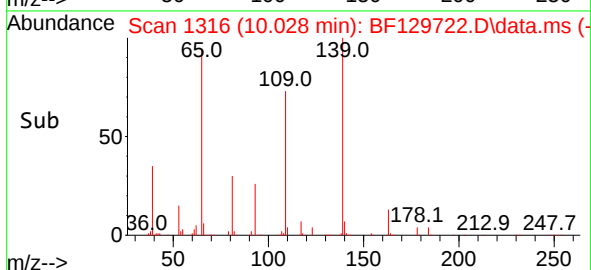
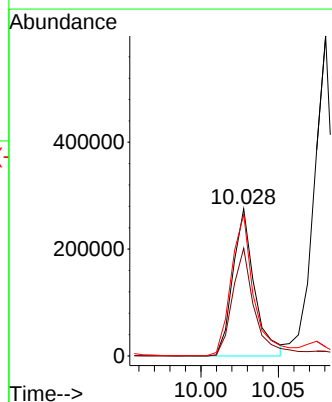
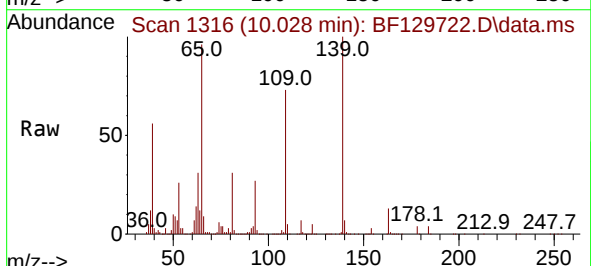
Tgt Ion:139 Resp: 266190

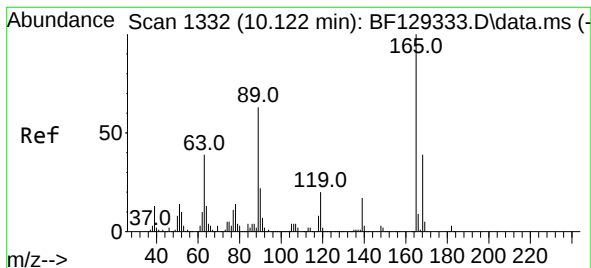
Ion Ratio Lower Upper

139 100

109 73.2 50.7 90.7

65 96.2 74.5 114.5





#57

2,4-Dinitrotoluene

Concen: 46.416 ng

RT: 10.075 min Scan# 1324

Delta R.T. -0.006 min

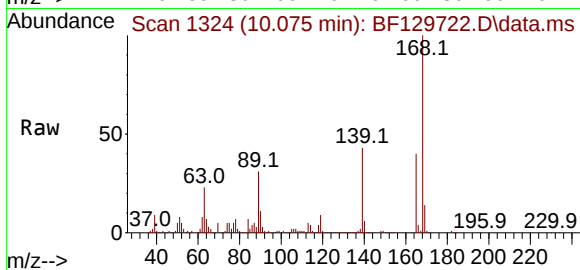
Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:165 Resp: 301204

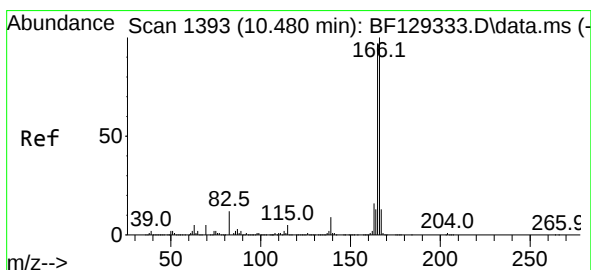
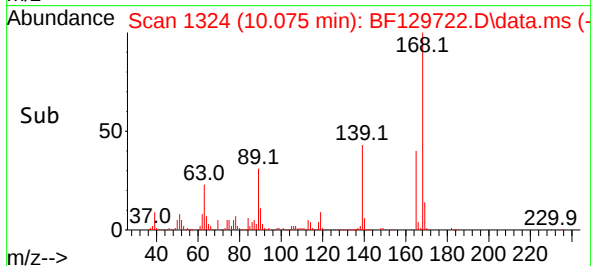
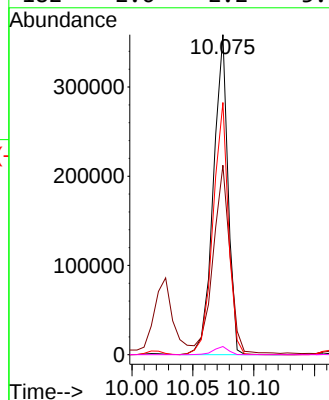
Ion Ratio Lower Upper

165 100

63 59.2 39.8 59.6

89 78.8 60.2 90.2

182 2.6 2.2 3.2



#58

Fluorene

Concen: 48.081 ng

RT: 10.422 min Scan# 1383

Delta R.T. -0.006 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

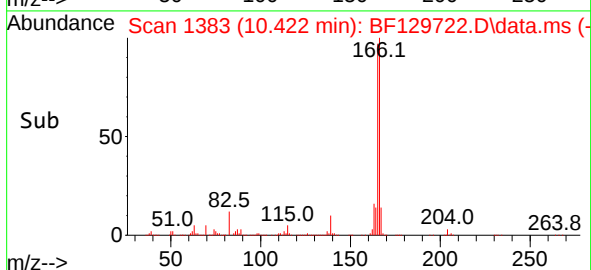
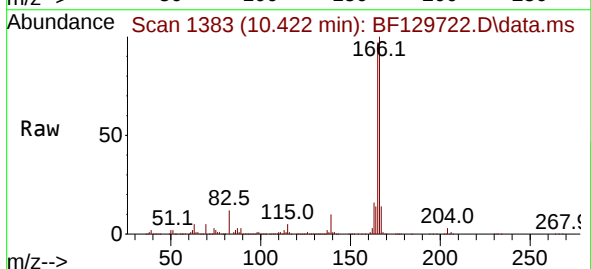
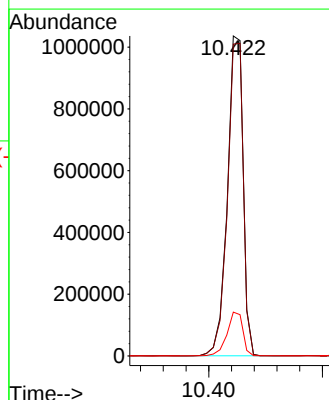
Tgt Ion:166 Resp: 998285

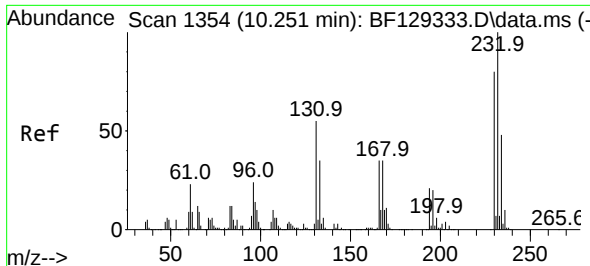
Ion Ratio Lower Upper

166 100

165 97.4 78.1 117.1

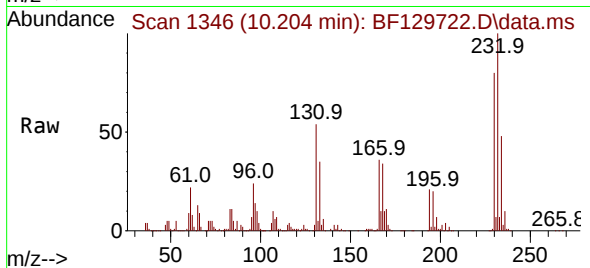
167 13.7 10.5 15.7



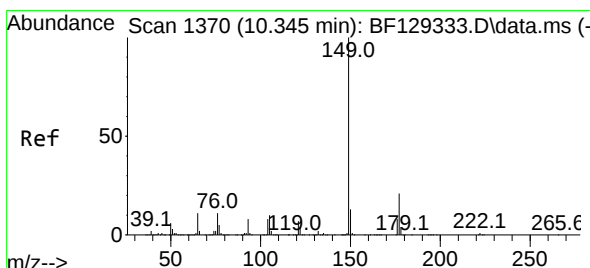
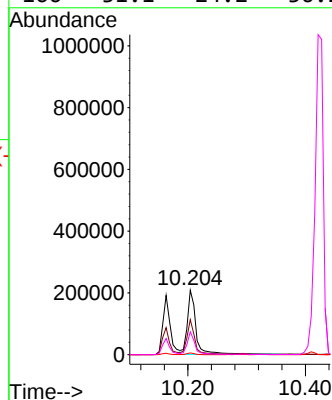
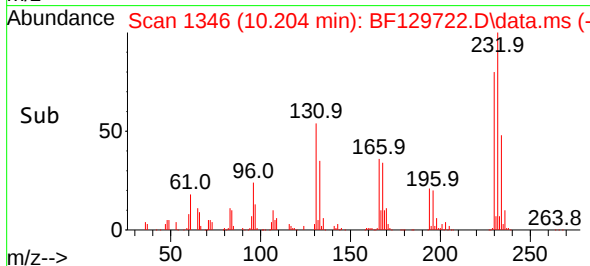


#59
2,3,4,6-Tetrachlorophenol
Concen: 40.949 ng
RT: 10.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

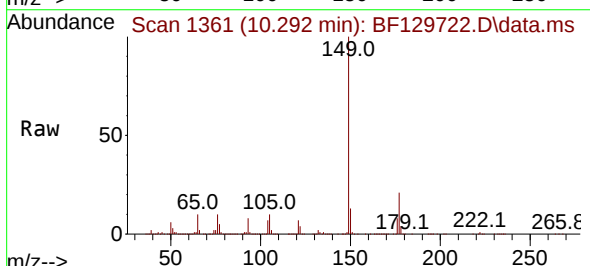
Instrument :
BNA_F
ClientSampleId :



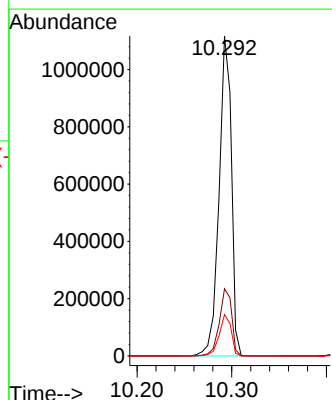
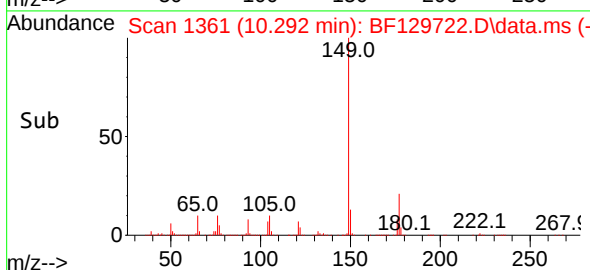
Tgt Ion:232 Resp: 210997
Ion Ratio Lower Upper
232 100
131 49.1 36.1 54.1
130 2.7 1.8 2.8
166 31.1 24.2 36.2

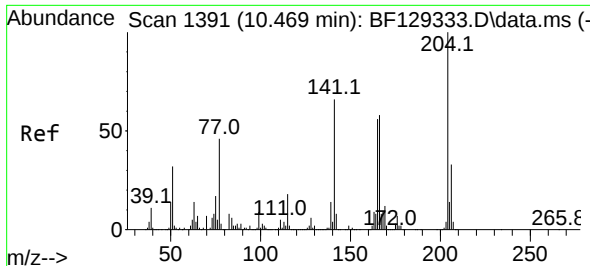


#60
Diethylphthalate
Concen: 47.261 ng
RT: 10.292 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56



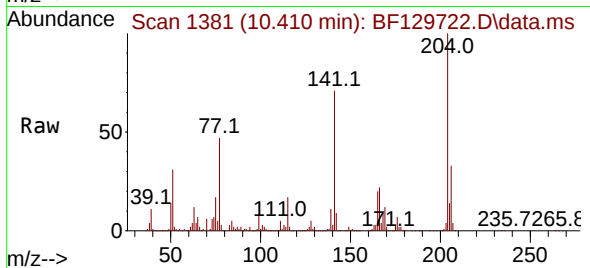
Tgt Ion:149 Resp: 1013970
Ion Ratio Lower Upper
149 100
177 21.0 17.3 25.9
150 12.9 10.2 15.2



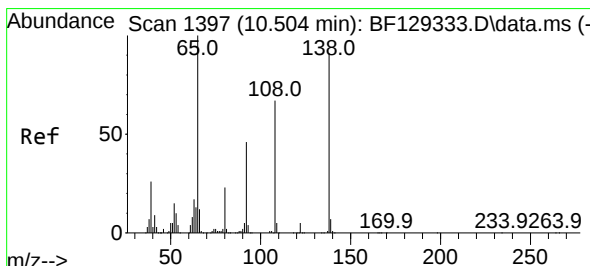
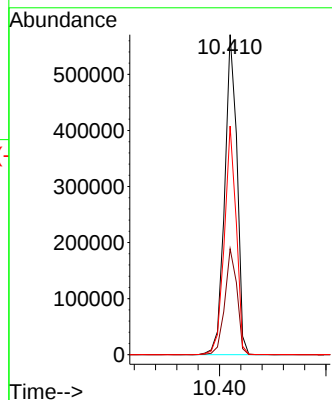
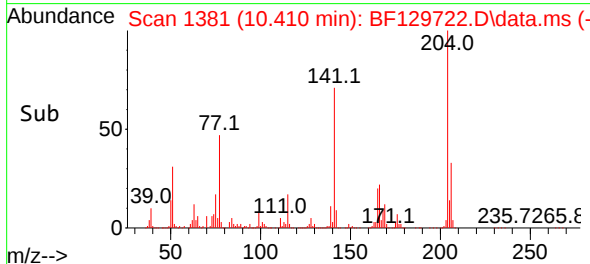


#61
4-Chlorophenyl-phenylether
Concen: 49.858 ng
RT: 10.410 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

Instrument :
BNA_F
ClientSampleId :

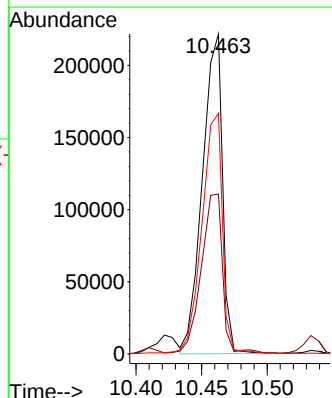
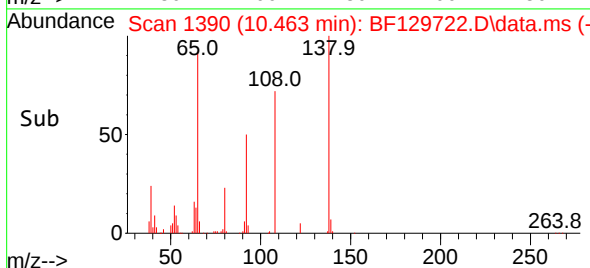
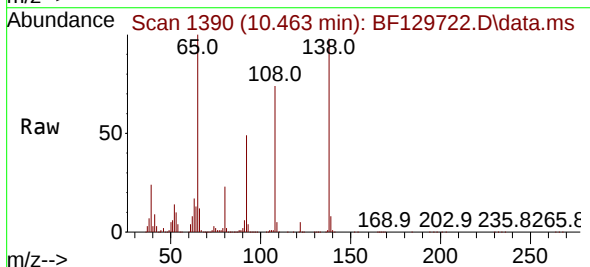


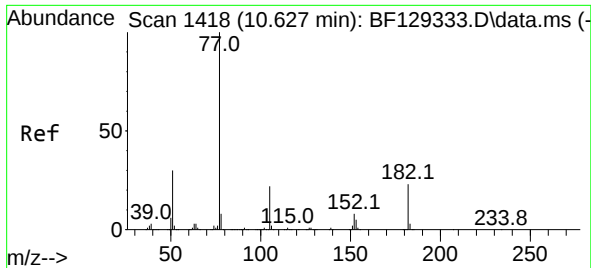
Tgt Ion:204 Resp: 456374
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.6
141 71.4 47.0 70.4#



#62
4-Nitroaniline
Concen: 40.547 ng
RT: 10.463 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

Tgt Ion:138 Resp: 235940
Ion Ratio Lower Upper
138 100
92 50.0 33.5 73.5
108 75.2 61.0 101.0

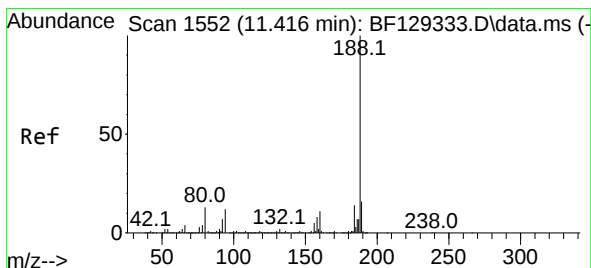
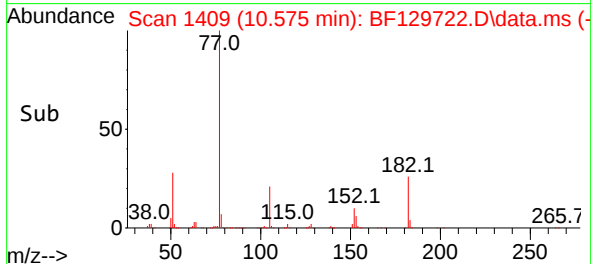
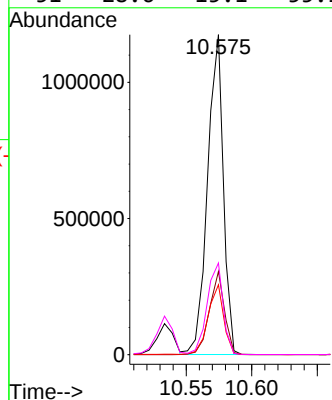
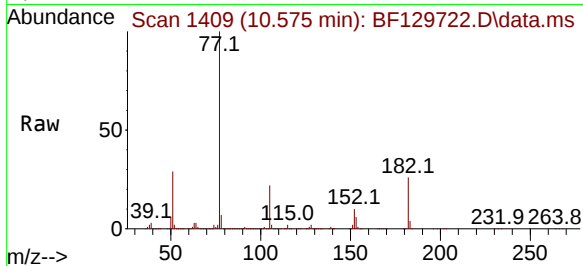




#63
Azobenzene
Concen: 45.154 ng
RT: 10.575 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

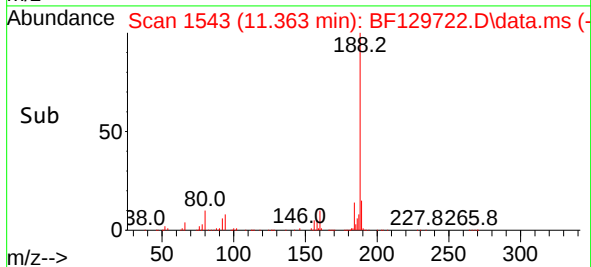
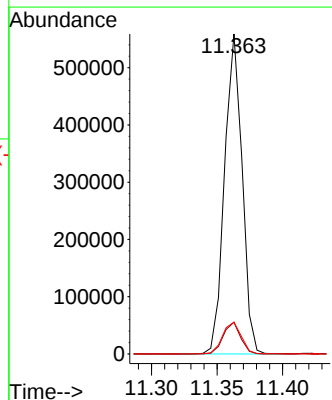
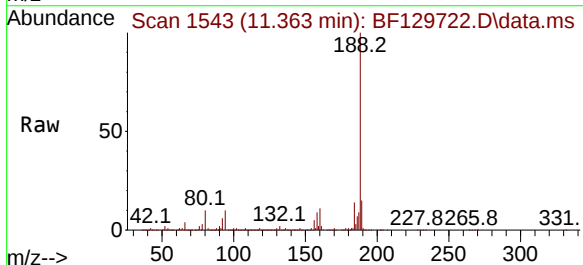
Instrument :
BNA_F
ClientSampleId :

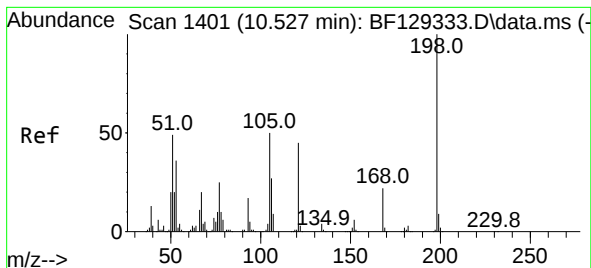
Tgt Ion: 77	Resp: 988094
Ion Ratio	Lower Upper
77 100	
182 26.0	5.6 45.6
105 21.9	1.6 41.6
51 28.6	15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

Tgt Ion:188	Resp: 520110		
Ion Ratio	Lower	Upper	
188 100			
94 9.9	7.0	10.6	
80 9.9	7.6	11.4	

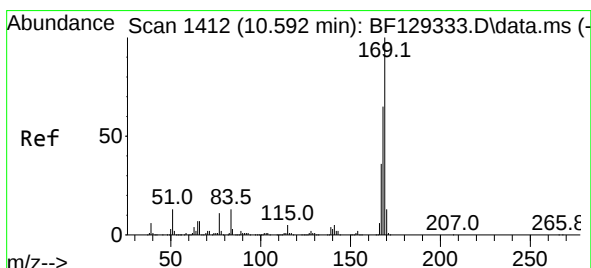
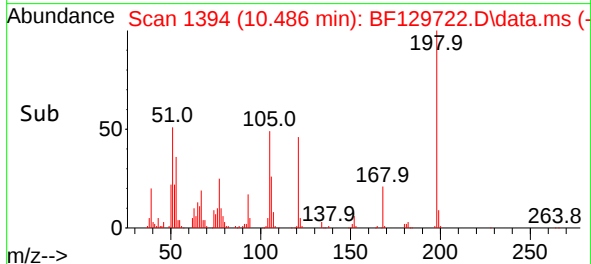
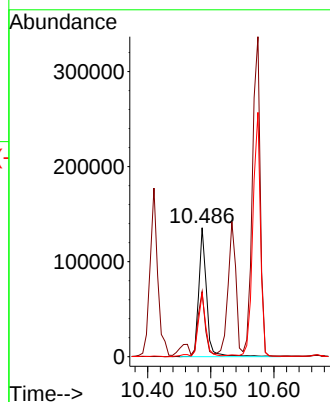
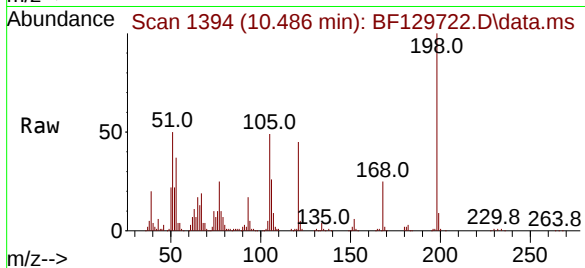




#65
4,6-Dinitro-2-methylphenol
Concen: 35.271 ng
RT: 10.486 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

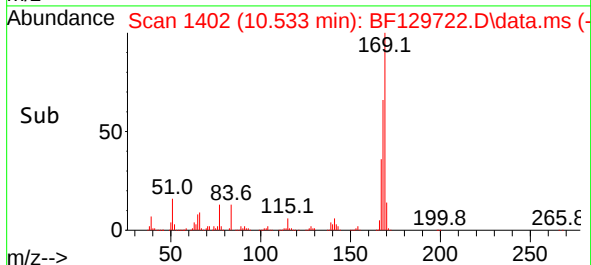
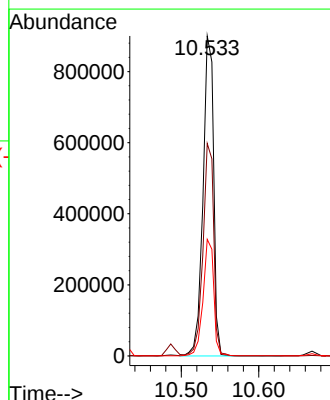
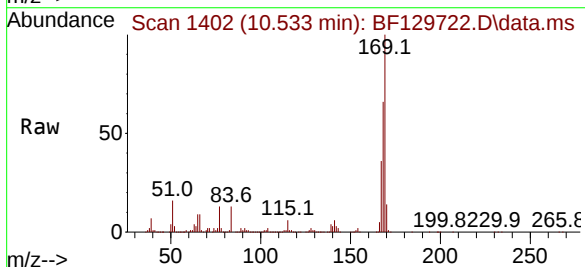
Instrument :
BNA_F
ClientSampleId :

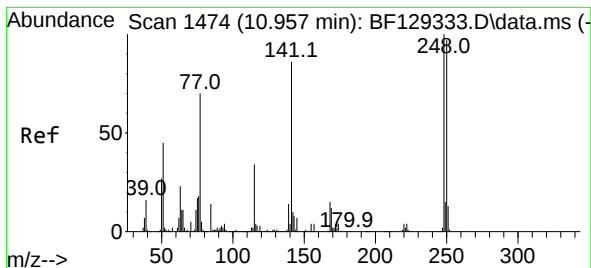
Tgt Ion:198 Resp: 115787
Ion Ratio Lower Upper
198 100
51 50.4 37.6 77.6
105 49.1 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 49.297 ng
RT: 10.533 min Scan# 1402
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

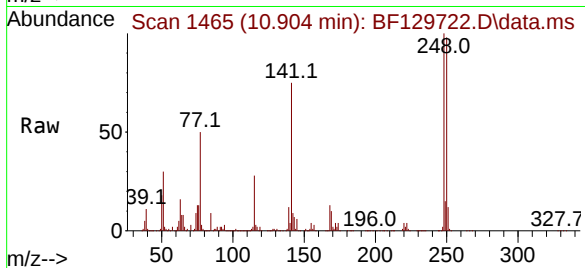
Tgt Ion:169 Resp: 853866
Ion Ratio Lower Upper
169 100
168 66.4 50.1 75.1
167 36.5 27.9 41.9



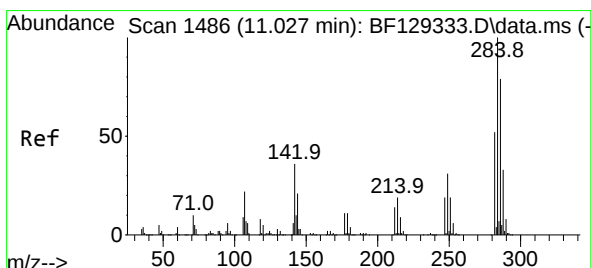
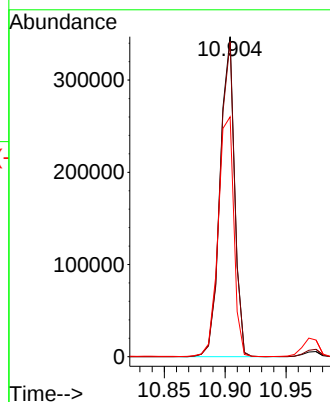
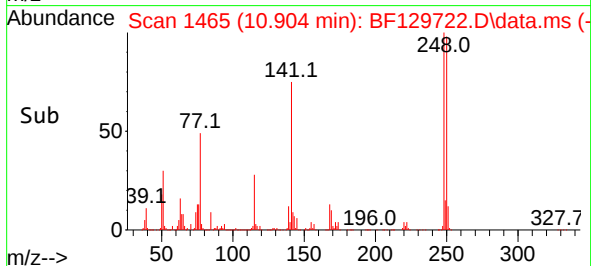


#67
4-Bromophenyl-phenylether
Concen: 50.507 ng
RT: 10.904 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

Instrument :
BNA_F
ClientSampleId :

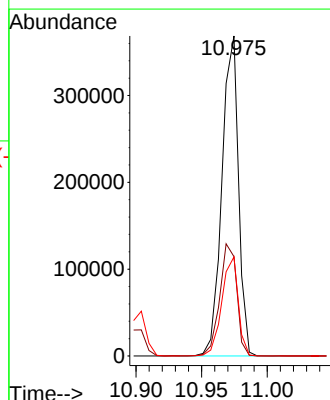
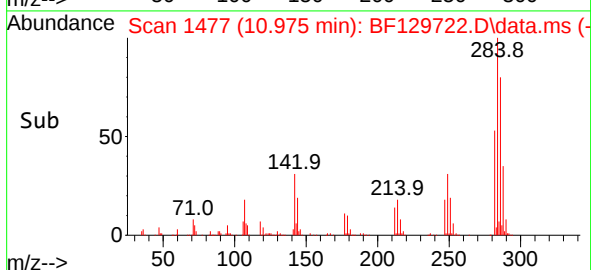
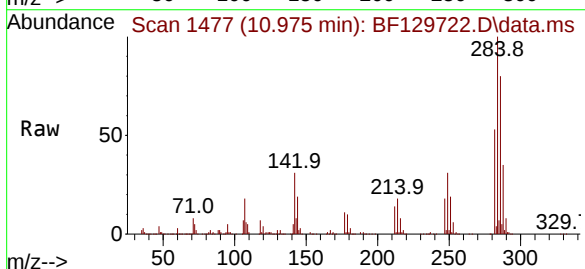


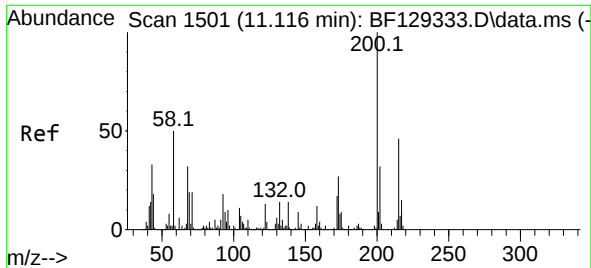
Tgt Ion:248 Resp: 287655
Ion Ratio Lower Upper
248 100
250 98.4 80.6 120.8
141 75.0 58.9 88.3



#68
Hexachlorobenzene
Concen: 52.288 ng
RT: 10.975 min Scan# 1477
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

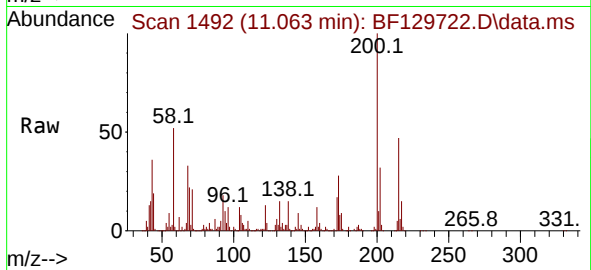
Tgt Ion:284 Resp: 322674
Ion Ratio Lower Upper
284 100
142 31.1 29.0 43.4
249 31.0 25.0 37.6



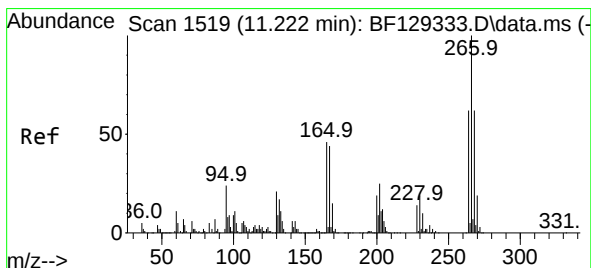
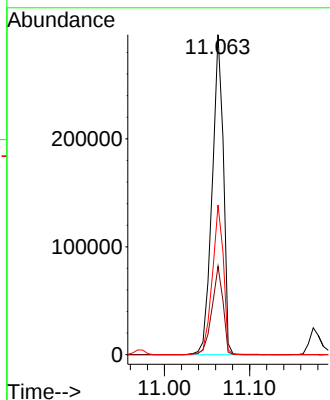
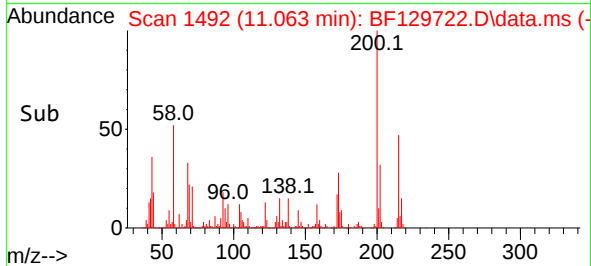


#69
Atrazine
Concen: 51.499 ng
RT: 11.063 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

Instrument :
BNA_F
ClientSampleId :

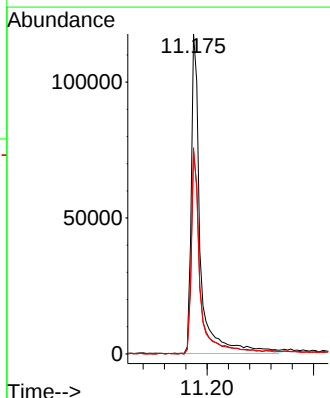
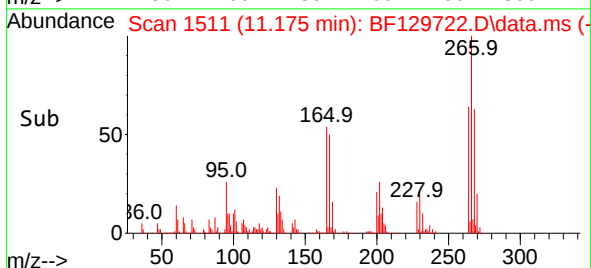
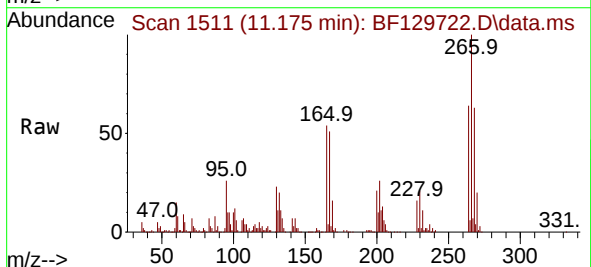


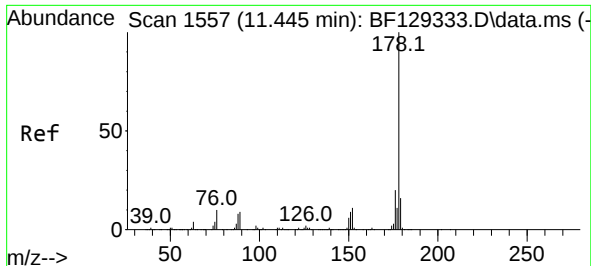
Tgt Ion:200 Resp: 270939
Ion Ratio Lower Upper
200 100
173 27.7 6.3 46.3
215 46.7 28.3 68.3



#70
Pentachlorophenol
Concen: 41.933 ng
RT: 11.175 min Scan# 1511
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

Tgt Ion:266 Resp: 140678
Ion Ratio Lower Upper
266 100
268 63.2 51.0 76.4
264 64.5 49.4 74.2

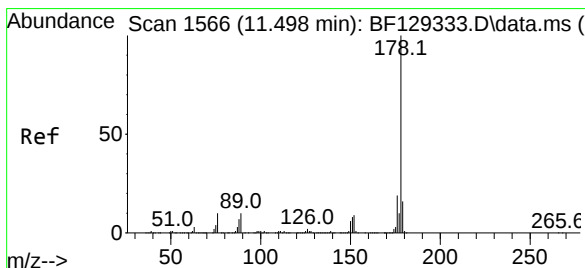
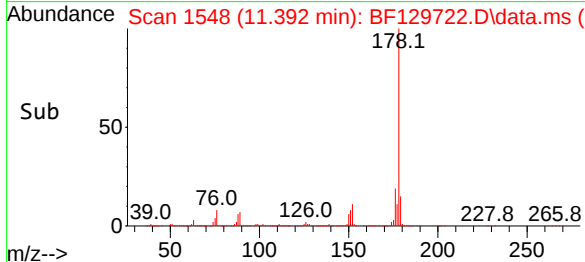
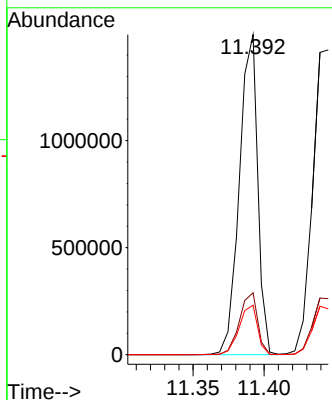
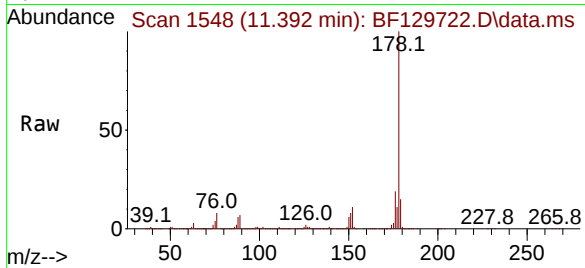




#71
Phenanthrene
Concen: 47.479 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

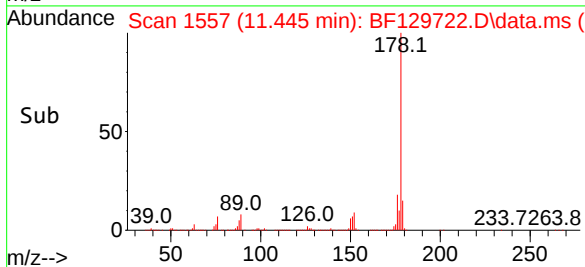
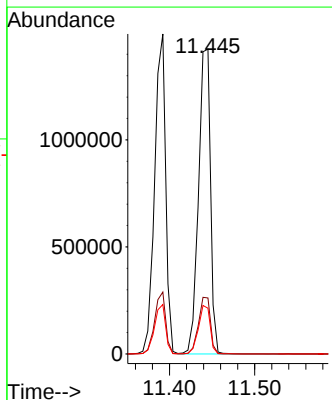
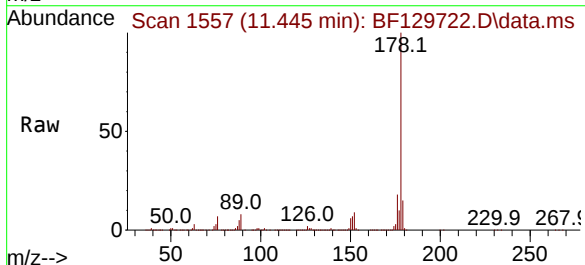
Instrument :
BNA_F
ClientSampleId :

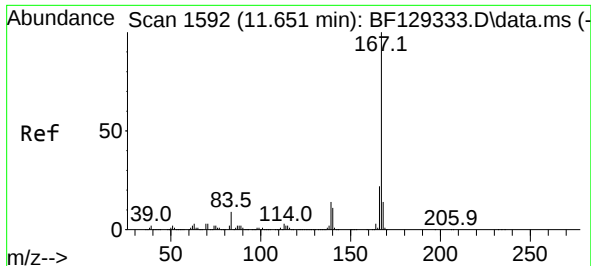
Tgt Ion:178 Resp: 1348008
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.5 12.6 19.0



#72
Anthracene
Concen: 49.949 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

Tgt Ion:178 Resp: 1393594
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.2
179 15.0 12.6 19.0

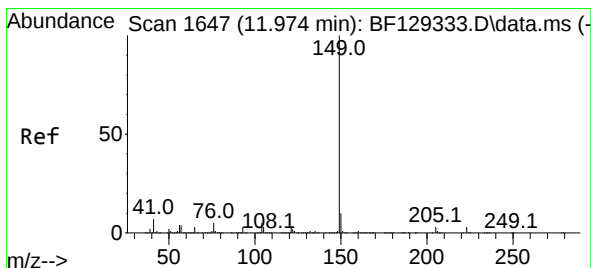
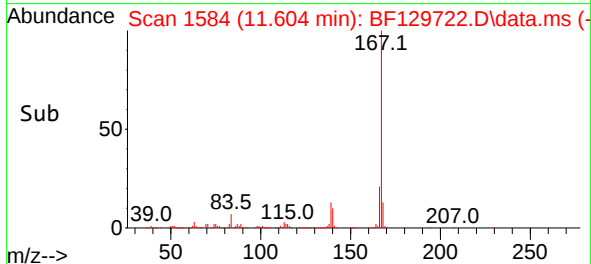
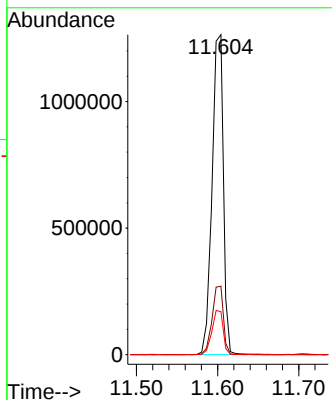
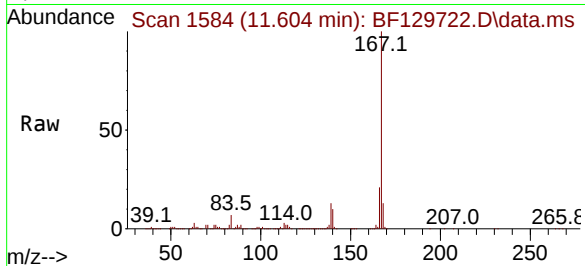




#73
 Carbazole
 Concen: 46.358 ng
 RT: 11.604 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF129722.D
 Acq: 11 Aug 2022 18:56

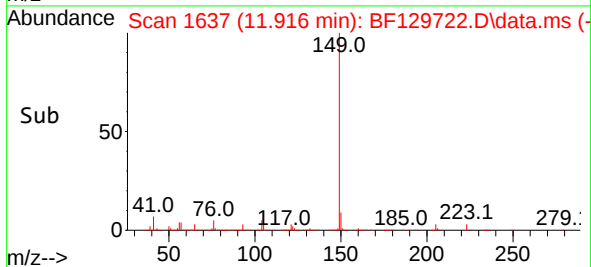
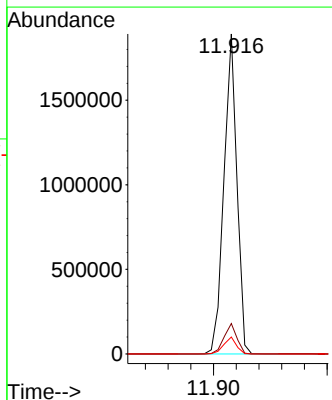
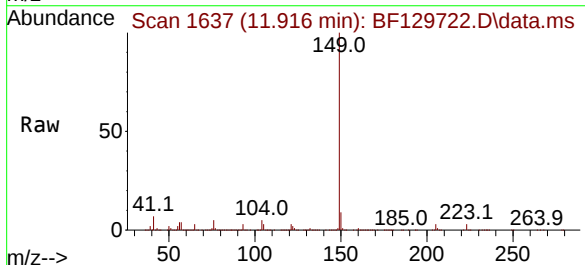
Instrument :
 BNA_F
 ClientSampleId :

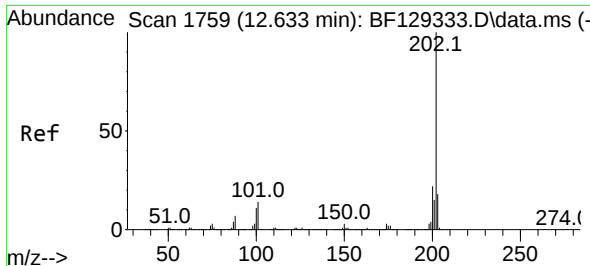
Tgt Ion:167 Resp: 1217547
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.7 26.5
 139 13.5 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 48.105 ng
 RT: 11.916 min Scan# 1637
 Delta R.T. -0.006 min
 Lab File: BF129722.D
 Acq: 11 Aug 2022 18:56

Tgt Ion:149 Resp: 1504586
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.3 4.4 6.6

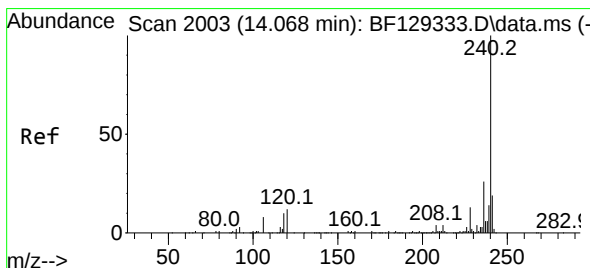
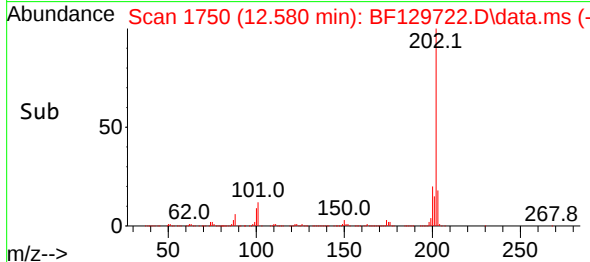
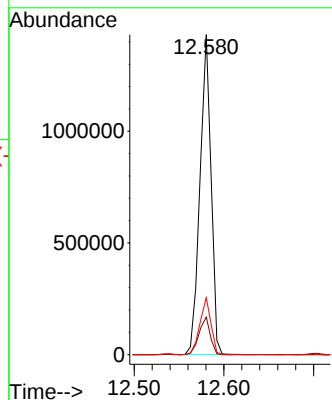
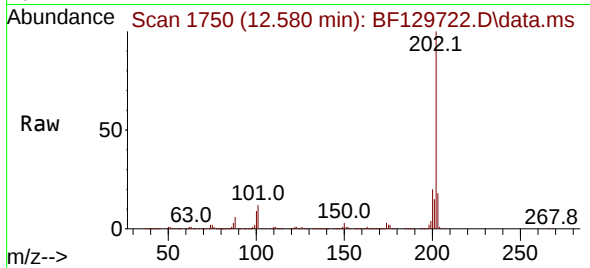




#75
Fluoranthene
Concen: 42.664 ng
RT: 12.580 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

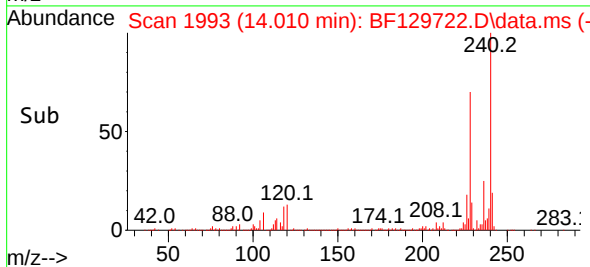
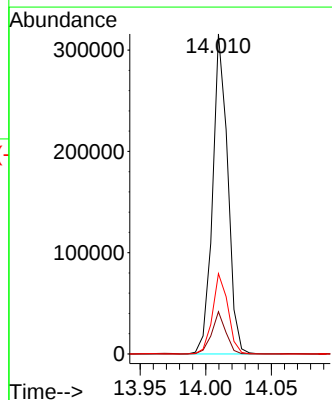
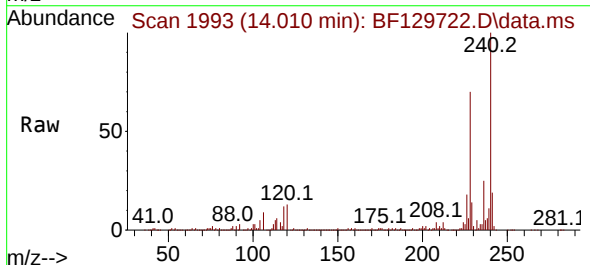
Instrument :
BNA_F
ClientSampleId :

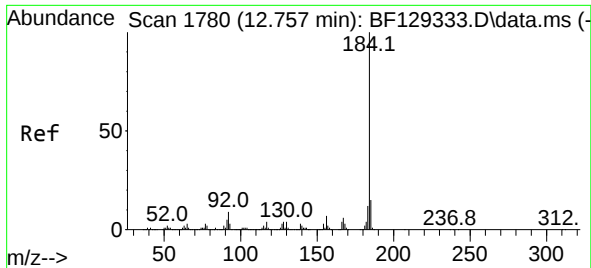
Tgt Ion:202 Resp: 1227306
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.4
203 17.8 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.012 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

Tgt Ion:240 Resp: 253234
Ion Ratio Lower Upper
240 100
120 13.2 8.9 13.3
236 25.1 20.8 31.2

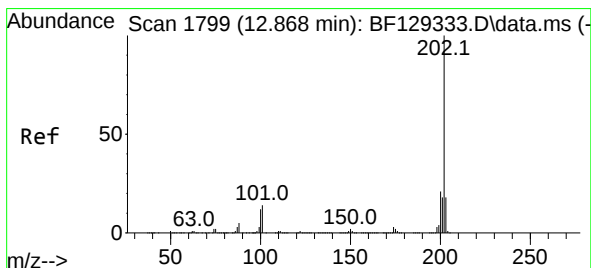
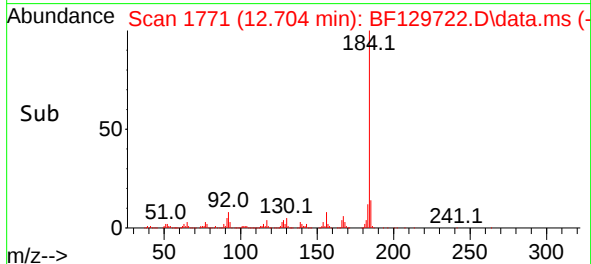
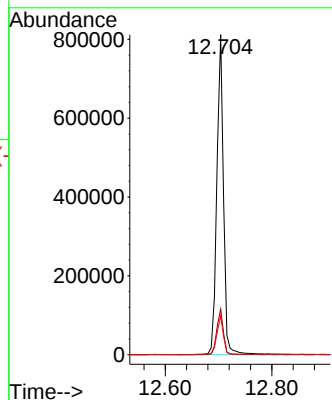
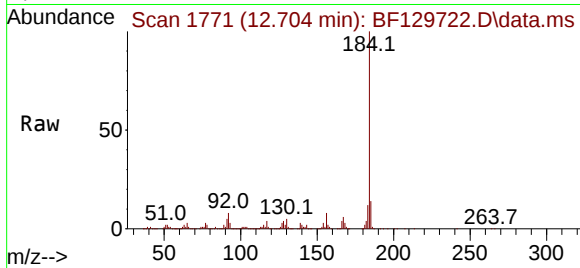




#77
Benzidine
Concen: 79.062 ng
RT: 12.704 min Scan# 1771
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

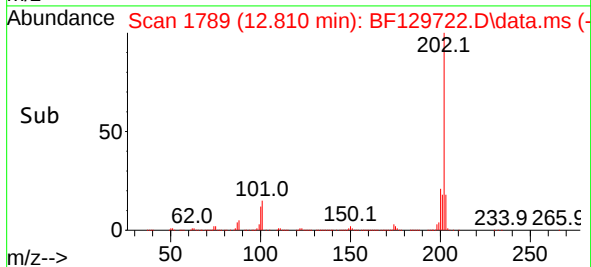
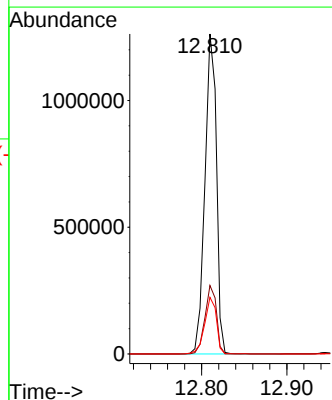
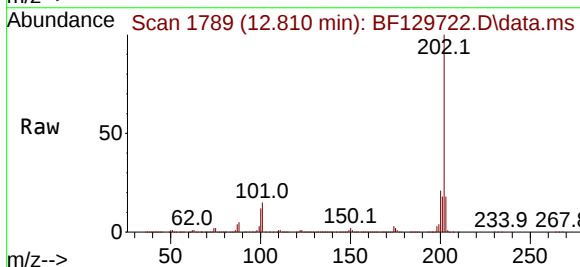
Instrument :
BNA_F
ClientSampleId :

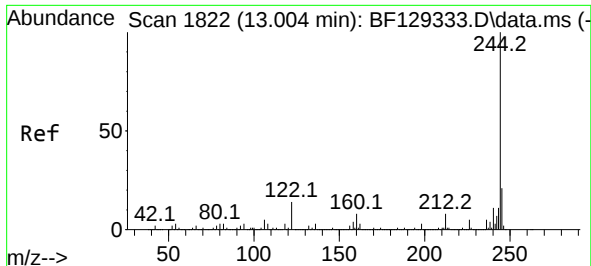
Tgt Ion:184 Resp: 707303
Ion Ratio Lower Upper
184 100
185 14.2 11.9 17.9
183 12.1 9.3 13.9



#78
Pyrene
Concen: 55.848 ng
RT: 12.810 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

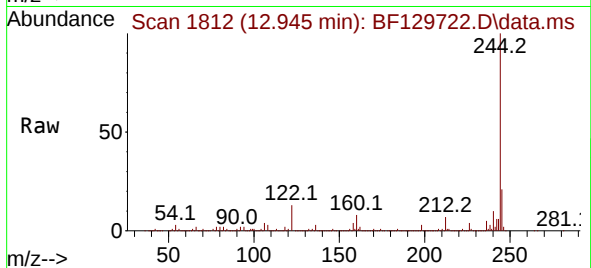
Tgt Ion:202 Resp: 1182644
Ion Ratio Lower Upper
202 100
200 21.4 17.7 26.5
203 17.7 14.6 21.8



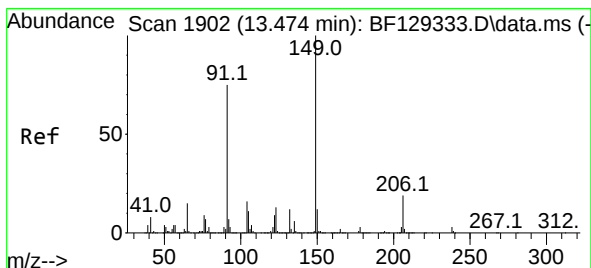
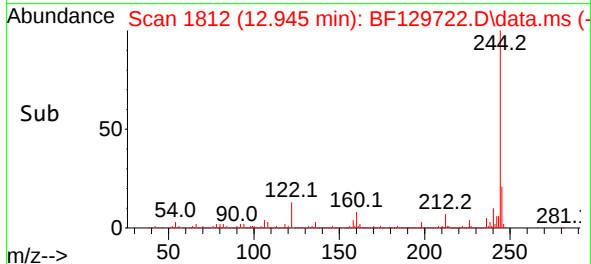
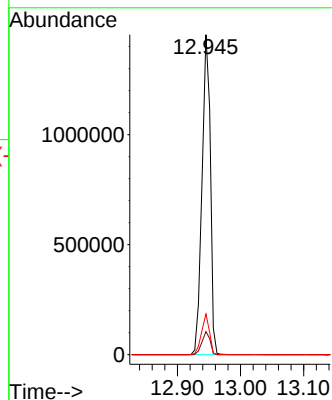


#79
 Terphenyl-d14
 Concen: 99.154 ng
 RT: 12.945 min Scan# 1812
 Delta R.T. -0.012 min
 Lab File: BF129722.D
 Acq: 11 Aug 2022 18:56

Instrument :
 BNA_F
 ClientSampleId :

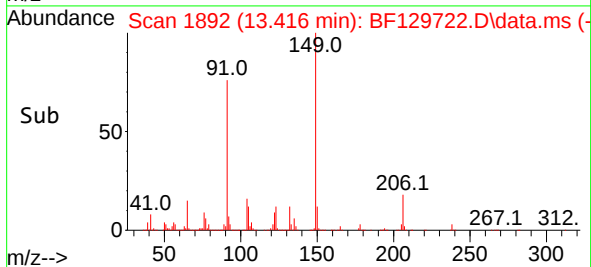
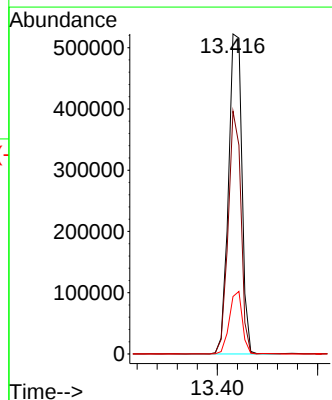
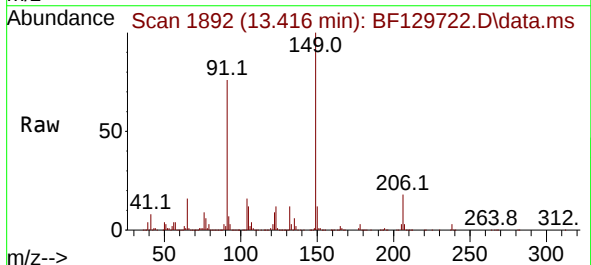


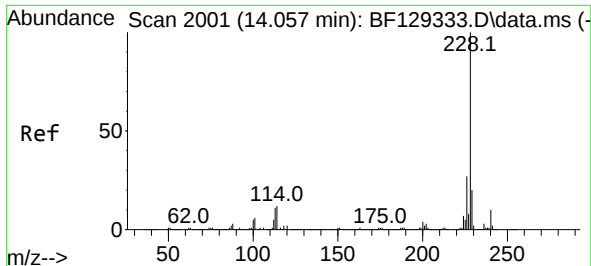
Tgt Ion:244 Resp: 1330935
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 12.7 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 52.762 ng
 RT: 13.416 min Scan# 1892
 Delta R.T. -0.006 min
 Lab File: BF129722.D
 Acq: 11 Aug 2022 18:56

Tgt Ion:149 Resp: 484625
 Ion Ratio Lower Upper
 149 100
 91 75.8 61.2 91.8
 206 18.0 15.7 23.5

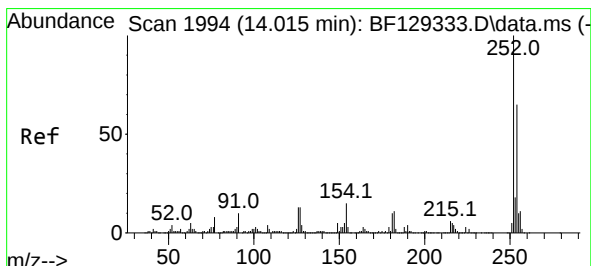
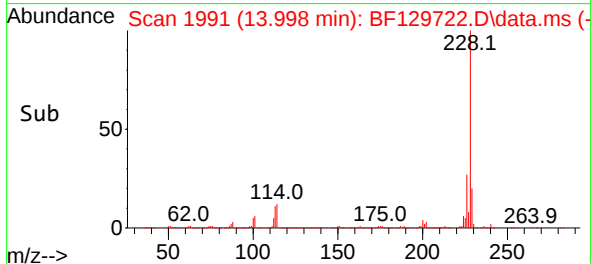
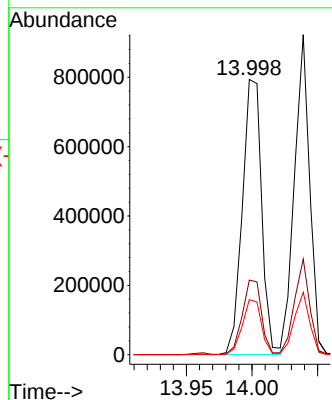
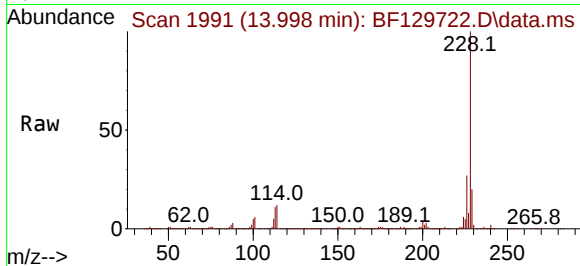




#81
Benzo(a)anthracene
Concen: 47.155 ng
RT: 13.998 min Scan# 1985
Delta R.T. -0.012 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

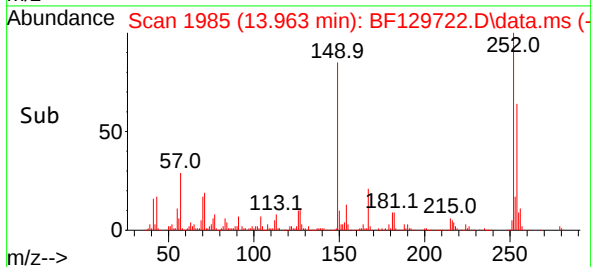
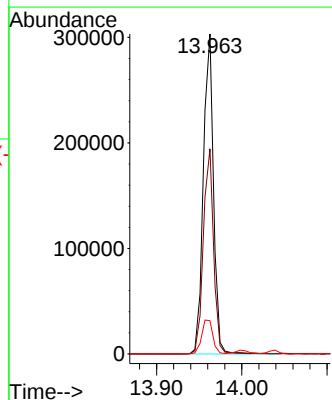
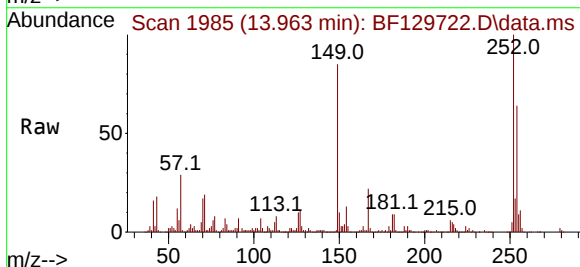
Instrument :
BNA_F
ClientSampleId :

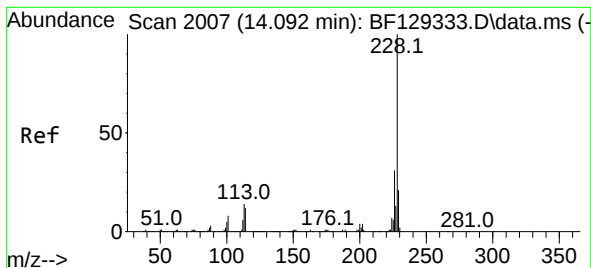
Tgt Ion:228 Resp: 815704
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 20.0 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 44.155 ng
RT: 13.963 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

Tgt Ion:252 Resp: 252188
Ion Ratio Lower Upper
252 100
254 64.1 50.2 75.4
126 10.4 8.2 12.4





#83

Chrysene

Concen: 46.129 ng

RT: 14.039 min Scan# 1998

Delta R.T. -0.006 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

Instrument :

BNA_F

ClientSampleId :

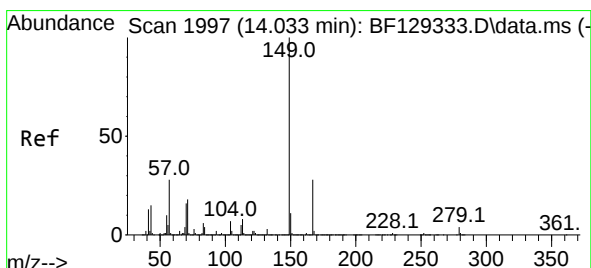
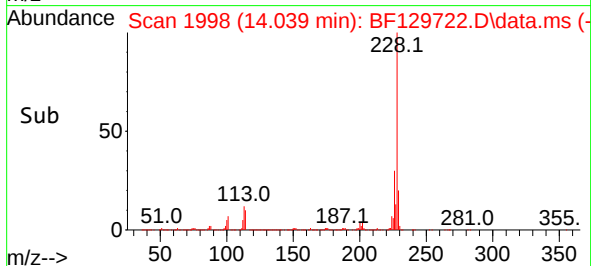
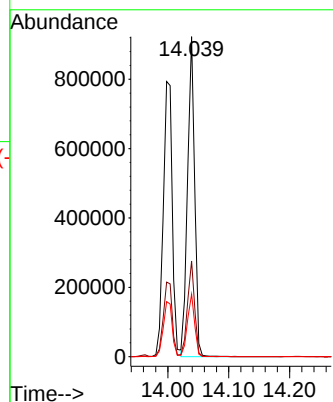
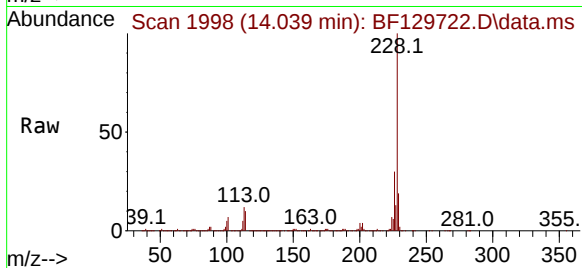
Tgt Ion:228 Resp: 752047

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

229 19.5 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.592 ng

RT: 13.969 min Scan# 1986

Delta R.T. -0.006 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

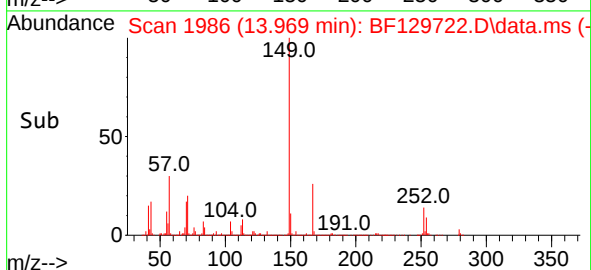
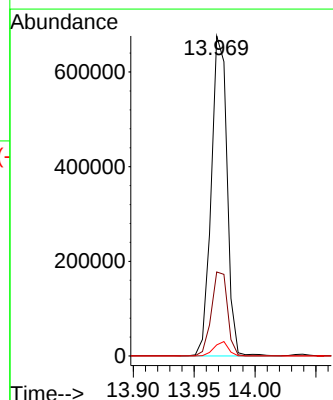
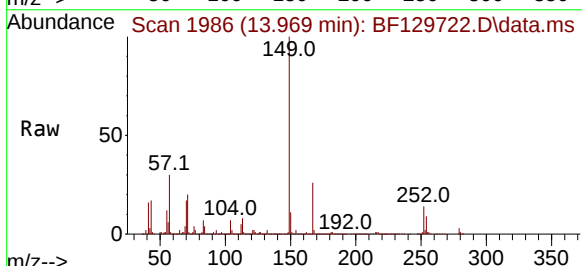
Tgt Ion:149 Resp: 611779

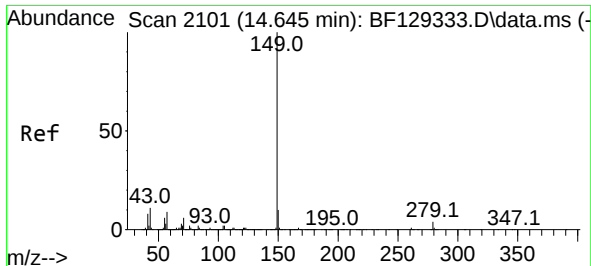
Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.4

279 3.4 3.1 4.7

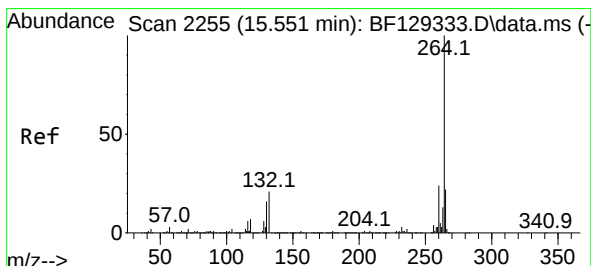
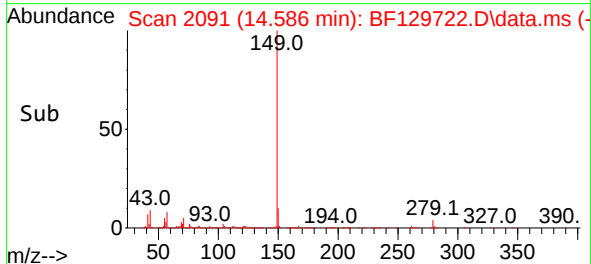
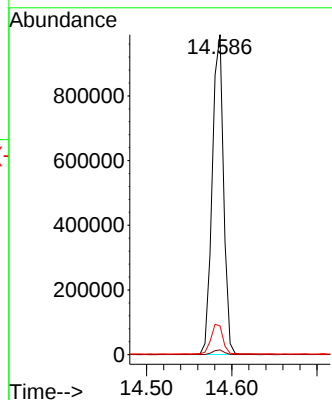
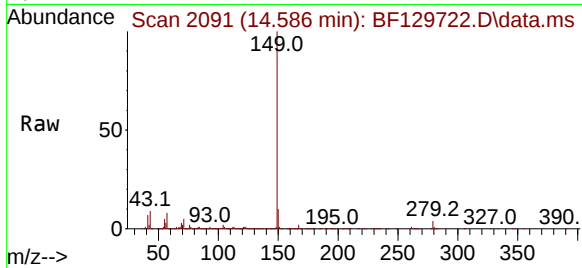




#85
Di-n-octyl phthalate
Concen: 52.583 ng
RT: 14.586 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

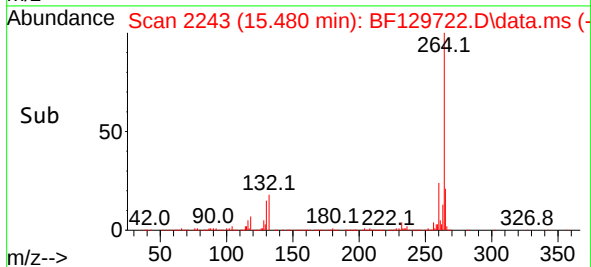
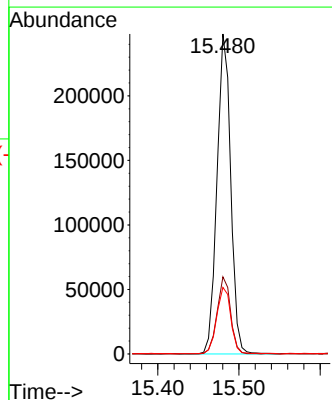
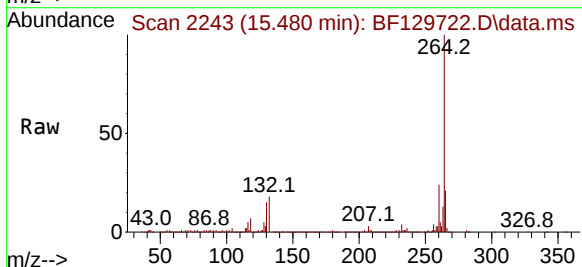
Instrument :
BNA_F
ClientSampleId :

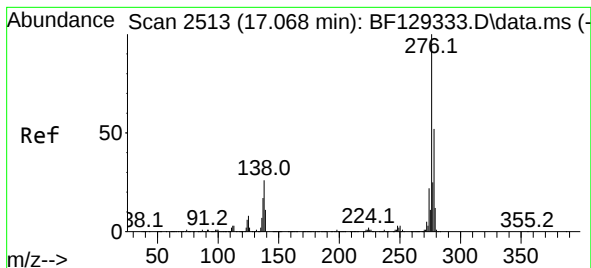
Tgt Ion:149 Resp: 915020
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.6 9.2 13.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2243
Delta R.T. -0.012 min
Lab File: BF129722.D
Acq: 11 Aug 2022 18:56

Tgt Ion:264 Resp: 291315
Ion Ratio Lower Upper
264 100
260 24.1 18.4 27.6
265 20.8 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.353 ng

RT: 16.974 min Scan# 2497

Delta R.T. -0.012 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

Instrument :

BNA_F

ClientSampleId :

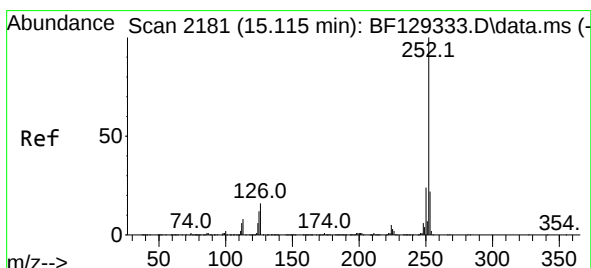
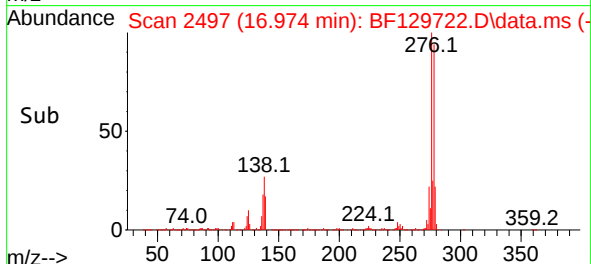
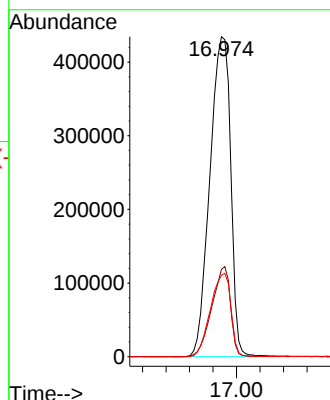
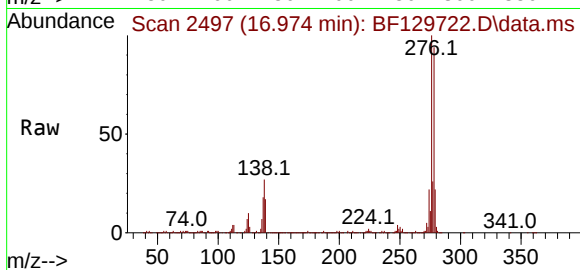
Tgt Ion:276 Resp: 1066265

Ion Ratio Lower Upper

276 100

138 25.4 21.1 31.7

277 25.6 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 47.185 ng

RT: 15.051 min Scan# 2170

Delta R.T. -0.012 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

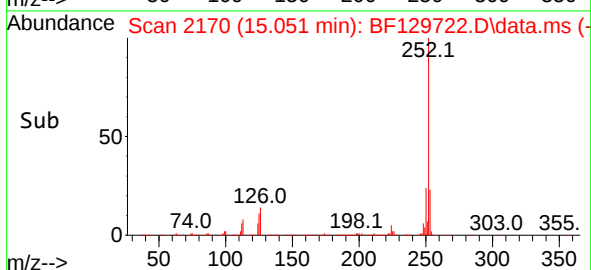
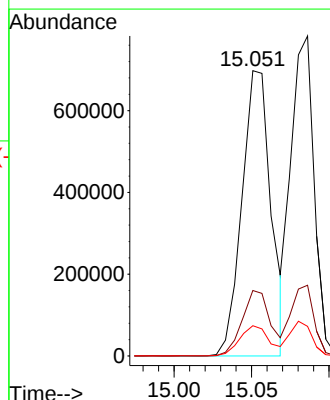
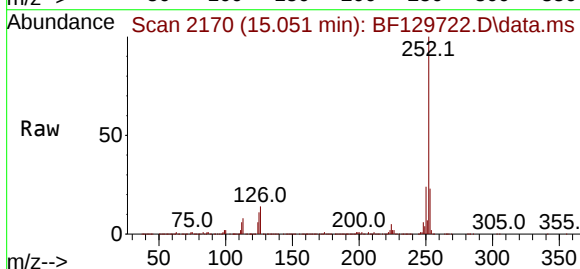
Tgt Ion:252 Resp: 911794

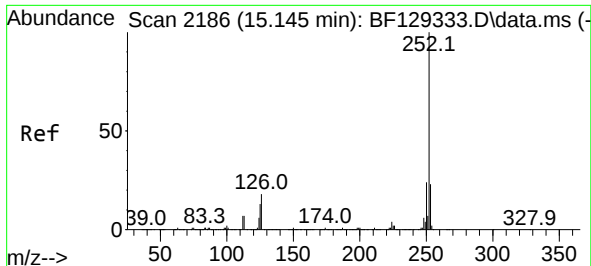
Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

125 10.6 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 42.842 ng

RT: 15.086 min Scan# 2186

Delta R.T. -0.006 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

Instrument :

BNA_F

ClientSampleId :

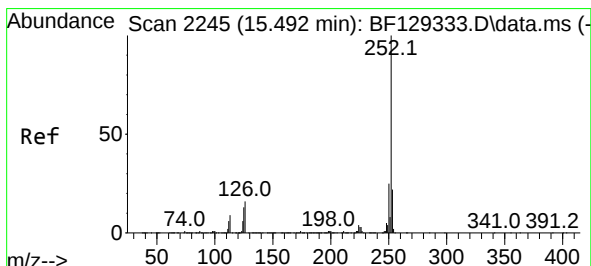
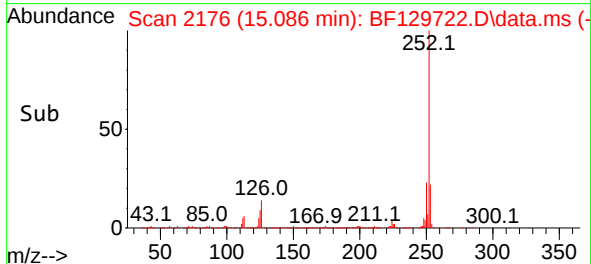
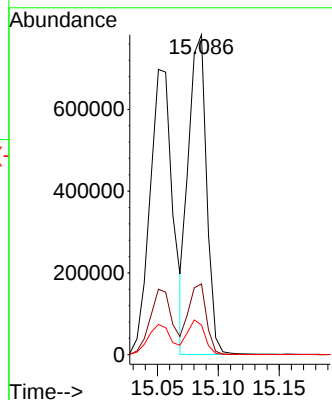
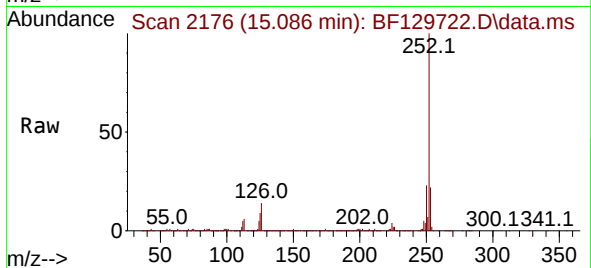
Tgt Ion:252 Resp: 811294

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 9.2 8.3 12.5



#90

Benzo(a)pyrene

Concen: 50.827 ng

RT: 15.421 min Scan# 2233

Delta R.T. -0.006 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

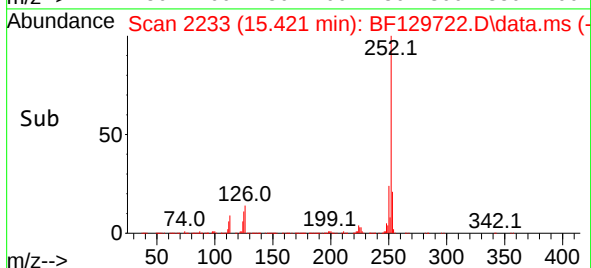
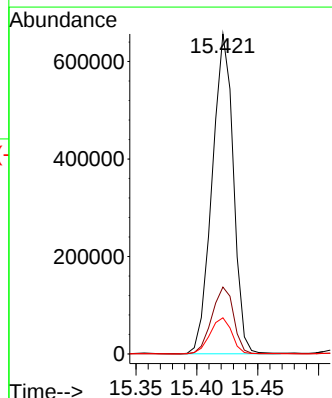
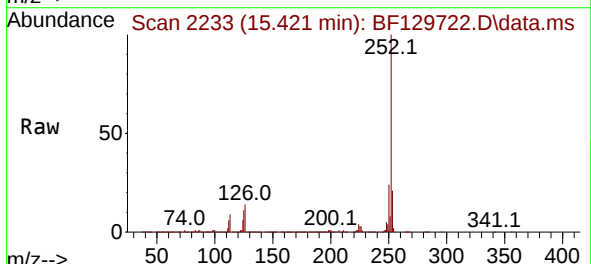
Tgt Ion:252 Resp: 797307

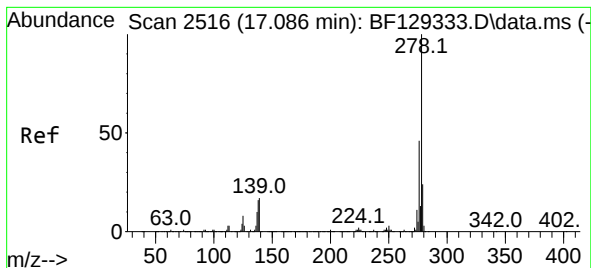
Ion Ratio Lower Upper

252 100

253 20.9 17.0 25.6

125 11.3 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 57.935 ng

RT: 16.986 min Scan# 2499

Delta R.T. -0.006 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

Instrument :

BNA_F

ClientSampleId :

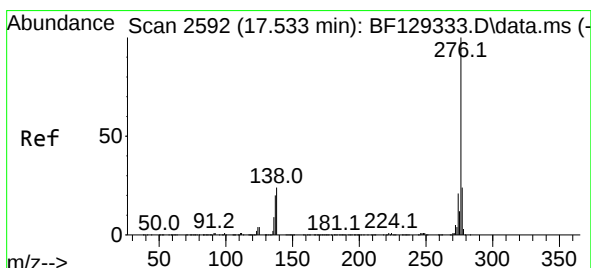
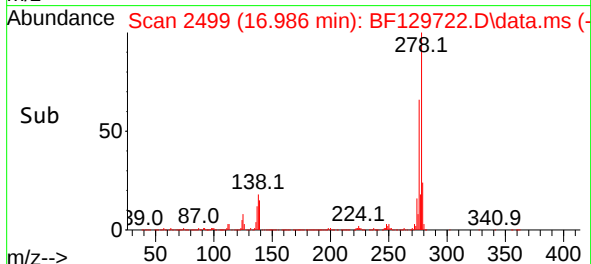
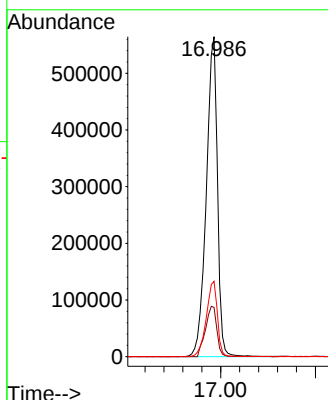
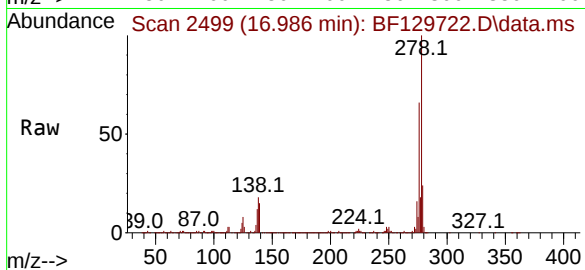
Tgt Ion:278 Resp: 925038

Ion Ratio Lower Upper

278 100

139 15.4 12.8 19.2

279 23.5 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 56.055 ng

RT: 17.427 min Scan# 2574

Delta R.T. -0.006 min

Lab File: BF129722.D

Acq: 11 Aug 2022 18:56

Tgt Ion:276 Resp: 914554

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 20.9 18.0 27.0

