

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129918.D
 Acq On : 19 Aug 2022 19:51
 Operator : CG\JU
 Sample : N4217-08MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-0815MSD

Quant Time: Aug 20 07:52:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 20 07:47:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	134638	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	564353	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	300110	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	510648	20.000	ng	0.00
76) Chrysene-d12	13.963	240	292236	20.000	ng	0.00
86) Perylene-d12	15.421	264	258147	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	994101	122.249	ng	0.01
7) Phenol-d6	6.445	99	1268671	124.584	ng	0.00
23) Nitrobenzene-d5	7.357	82	813500	77.165	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	353557	117.381	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1433709	72.558	ng	0.00
79) Terphenyl-d14	12.898	244	1439666	81.972	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	157324	46.894	ng	97
3) Pyridine	3.328	79	406544	46.306	ng	100
4) n-Nitrosodimethylamine	3.293	42	226257	55.920	ng	96
6) Aniline	6.457	93	472572	40.717	ng	91
8) 2-Chlorophenol	6.581	128	497671	54.975	ng	96
9) Benzaldehyde	6.345	77	288043	55.407	ng	99
10) Phenol	6.463	94	593195	53.105	ng	81
11) bis(2-Chloroethyl)ether	6.528	93	462775	54.557	ng	98
12) 1,3-Dichlorobenzene	6.728	146	517415	52.944	ng	98
13) 1,4-Dichlorobenzene	6.804	146	519963	52.070	ng	98
14) 1,2-Dichlorobenzene	6.957	146	491459	52.991	ng	99
15) Benzyl Alcohol	6.945	79	427851	55.654	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	613303	53.959	ng	99
17) 2-Methylphenol	7.063	107	392358	53.979	ng	99
18) Hexachloroethane	7.292	117	203329	54.223	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	348628	54.162	ng	97
20) 3+4-Methylphenols	7.216	107	513191	52.597	ng	95
22) Acetophenone	7.204	105	699472	50.860	ng	99
24) Nitrobenzene	7.375	77	515057	48.451	ng	96
25) Isophorone	7.616	82	947334	52.209	ng	99
26) 2-Nitrophenol	7.692	139	267438	51.146	ng	99
27) 2,4-Dimethylphenol	7.734	122	436781	58.246	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	580493	54.792	ng	98
29) 2,4-Dichlorophenol	7.939	162	410958	50.118	ng	96
30) 1,2,4-Trichlorobenzene	8.010	180	415839	48.072	ng	97
31) Naphthalene	8.092	128	1409108	47.754	ng	100
32) Benzoic acid	7.898	122	208192	57.842	ng	93
33) 4-Chloroaniline	8.151	127	370389	31.919	ng	99
34) Hexachlorobutadiene	8.198	225	252839	48.002	ng	99
35) Caprolactam	8.539	113	63639	24.957	ng	98
36) 4-Chloro-3-methylphenol	8.651	107	452762	51.182	ng	99
37) 2-Methylnaphthalene	8.781	142	944429	48.765	ng	99
38) 1-Methylnaphthalene	8.881	142	900995	47.870	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	419685	50.280	ng	99
41) Hexachlorocyclopentadiene	8.928	237	267501	91.108	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	270306	49.842	ng	97

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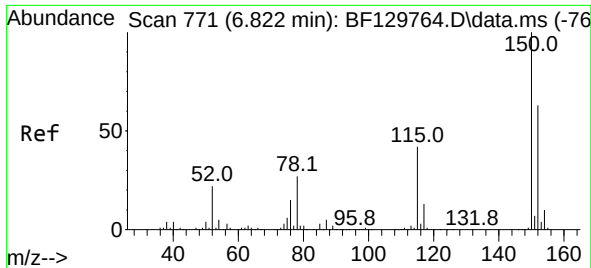
Quant Time: Aug 20 07:52:15 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	288093	49.376	ng	98
46) 1,1'-Biphenyl	9.245	154	1162240	50.977	ng	99
47) 2-Chloronaphthalene	9.275	162	887187	49.181	ng	98
48) 2-Nitroaniline	9.386	65	287737	50.473	ng	92
49) Acenaphthylene	9.692	152	1321461	48.308	ng	99
50) Dimethylphthalate	9.551	163	1044470	48.549	ng	99
51) 2,6-Dinitrotoluene	9.628	165	233702	50.077	ng	92
52) Acenaphthene	9.863	154	811372	48.888	ng	99
53) 3-Nitroaniline	9.798	138	152418	29.533	ng	97
54) 2,4-Dinitrophenol	9.916	184	221695	103.355	ng	96
55) Dibenzofuran	10.033	168	1208243	48.458	ng	96
56) 4-Nitrophenol	9.992	139	264832	115.343	ng	99
57) 2,4-Dinitrotoluene	10.039	165	303114	50.034	ng	91
58) Fluorene	10.380	166	1001165	48.090	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	220316	51.453	ng	# 84
60) Diethylphthalate	10.251	149	1029926	48.012	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	458888	49.117	ng	99
62) 4-Nitroaniline	10.422	138	228412	43.869	ng	94
63) Azobenzene	10.527	77	988424	48.205	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	152200	50.771	ng	99
66) n-Nitrosodiphenylamine	10.492	169	864771	50.174	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	294060	49.166	ng	96
68) Hexachlorobenzene	10.927	284	325248	50.202	ng	96
69) Atrazine	11.022	200	276606	52.289	ng	98
70) Pentachlorophenol	11.133	266	229530	115.716	ng	97
71) Phenanthrene	11.345	178	1391743	48.800	ng	100
72) Anthracene	11.398	178	1413212	49.829	ng	100
73) Carbazole	11.557	167	1295903	50.336	ng	99
74) Di-n-butylphthalate	11.869	149	1583070	47.777	ng	99
75) Fluoranthene	12.533	202	1386175	47.498	ng	98
77) Benzidine	12.657	184	467298	69.543	ng	99
78) Pyrene	12.763	202	1401406	55.184	ng	100
80) Butylbenzylphthalate	13.368	149	570384	53.080	ng	94
81) Benzo(a)anthracene	13.957	228	993727	49.431	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	221360	35.554	ng	98
83) Chrysene	13.992	228	913886	48.564	ng	99
84) Bis(2-ethylhexyl)phtha...	13.921	149	701948	55.060	ng	97
85) Di-n-octyl phthalate	14.533	149	916461	52.074	ng	100
87) Indeno(1,2,3-cd)pyrene	16.892	276	1005795	56.754	ng	100
88) Benzo(b)fluoranthene	14.998	252	845782	47.847	ng	99
89) Benzo(k)fluoranthene	15.027	252	839219	49.505	ng	99
90) Benzo(a)pyrene	15.362	252	760777	54.652	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	873420	59.730	ng	98
92) Benzo(g,h,i)perylene	17.333	276	899450	61.655	ng	98

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

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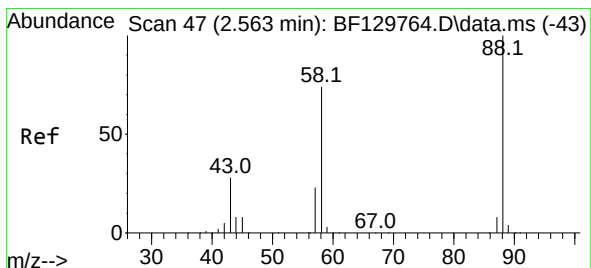
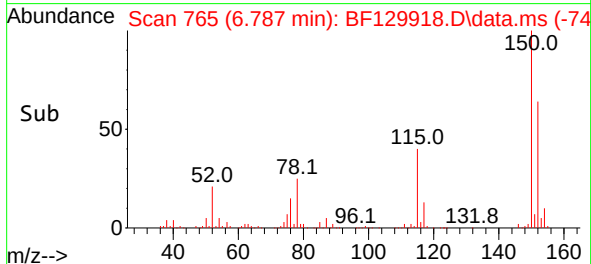
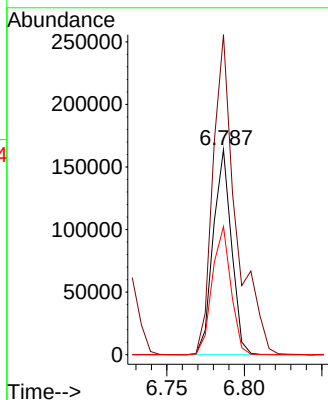
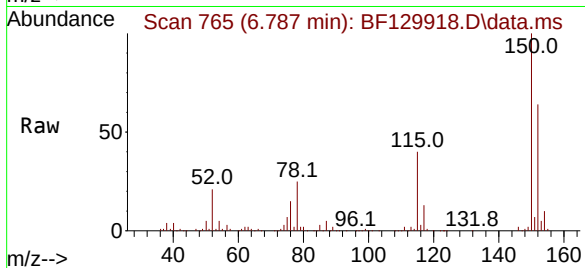




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129918.D
 Acq: 19 Aug 2022 19:51

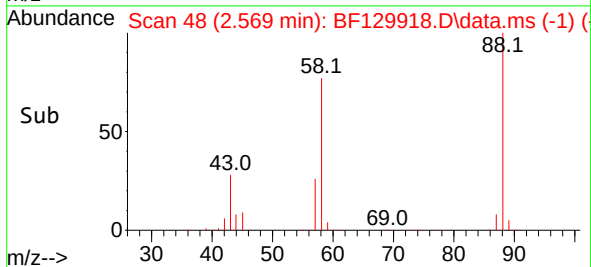
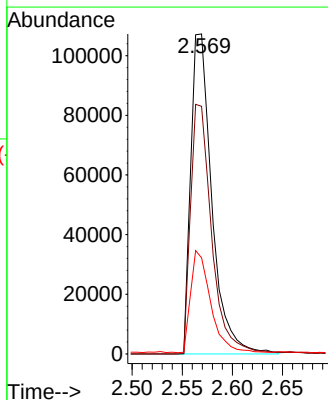
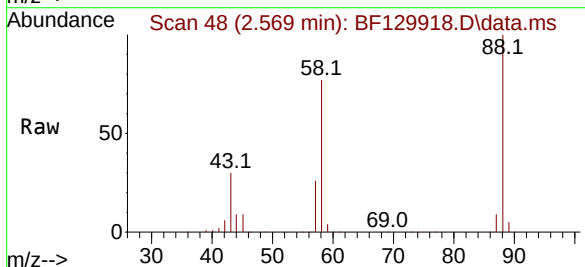
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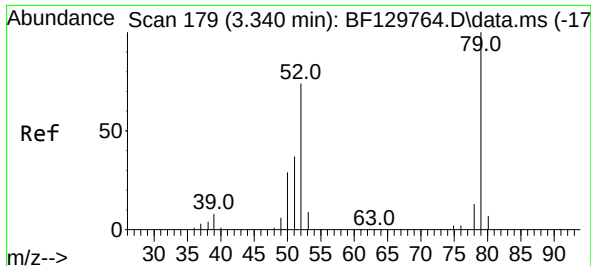
Tgt Ion:152 Resp: 134638
 Ion Ratio Lower Upper
 152 100
 150 156.0 126.9 190.3
 115 62.5 53.4 80.0



#2
 1,4-Dioxane
 Concen: 46.894 ng
 RT: 2.569 min Scan# 48
 Delta R.T. 0.100 min
 Lab File: BF129918.D
 Acq: 19 Aug 2022 19:51

Tgt Ion: 88 Resp: 157324
 Ion Ratio Lower Upper
 88 100
 58 78.8 60.9 91.3
 43 30.1 23.6 35.4

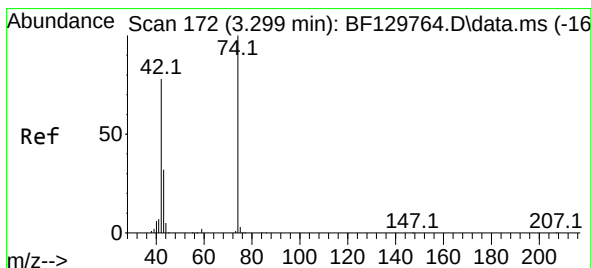
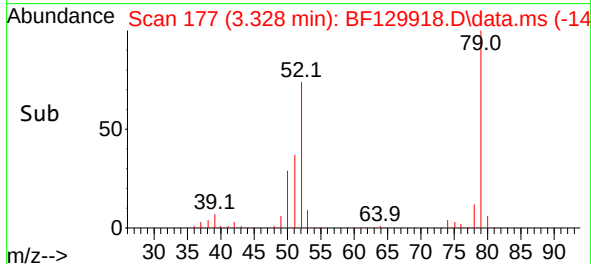
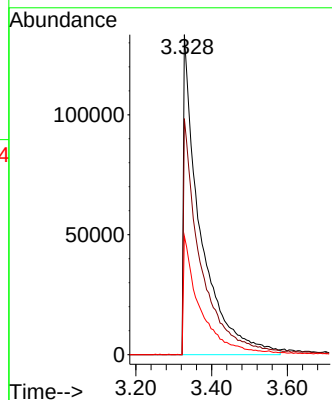
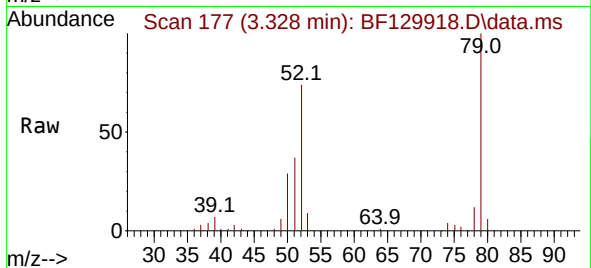




#3
Pyridine
Concen: 46.306 ng
RT: 3.328 min Scan# 11
Delta R.T. 0.094 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

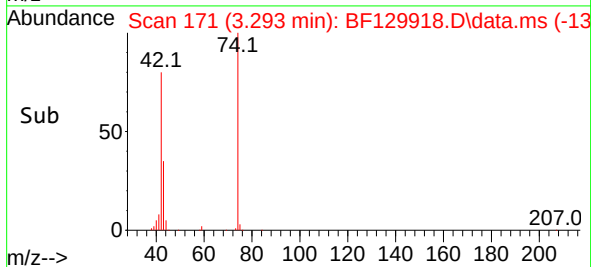
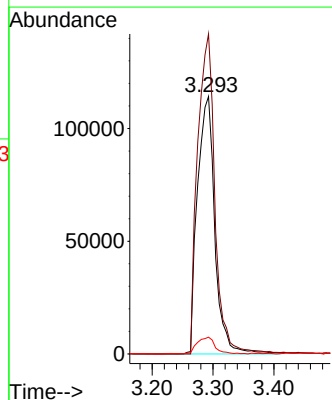
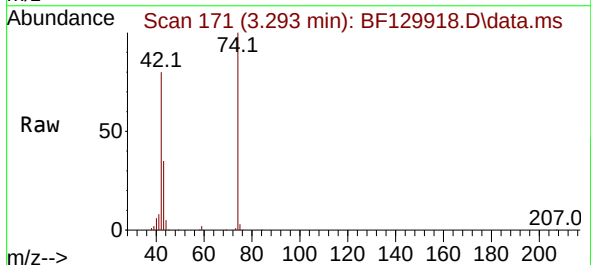
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ClientSampleId :
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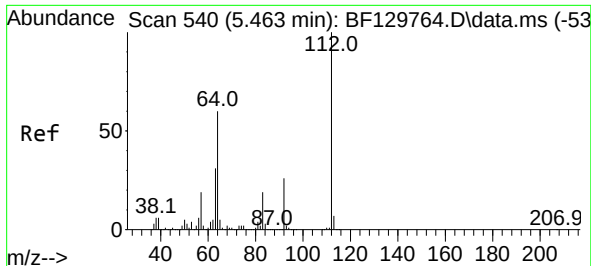
Tgt Ion: 79 Resp: 406544
Ion Ratio Lower Upper
79 100
52 73.8 59.4 89.2
51 37.0 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 55.920 ng
RT: 3.293 min Scan# 171
Delta R.T. 0.100 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion: 42 Resp: 226257
Ion Ratio Lower Upper
42 100
74 124.3 103.1 154.7
44 6.5 5.4 8.2

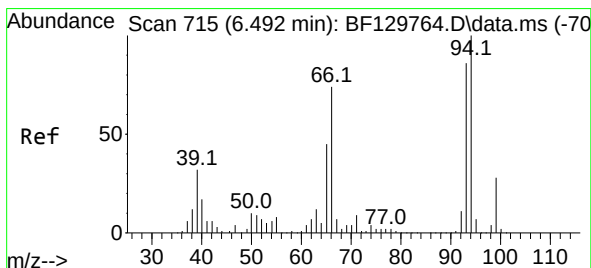
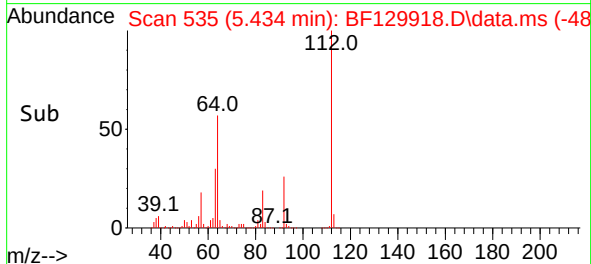
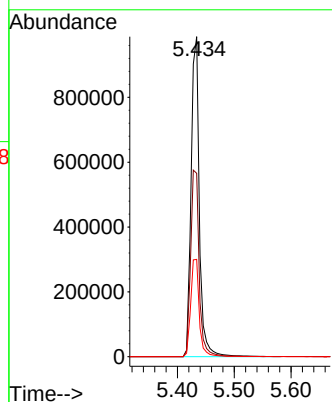
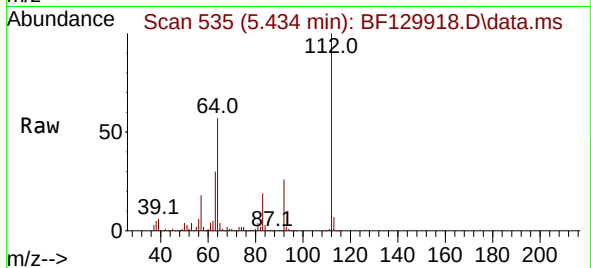




#5
2-Fluorophenol
Concen: 122.249 ng
RT: 5.434 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

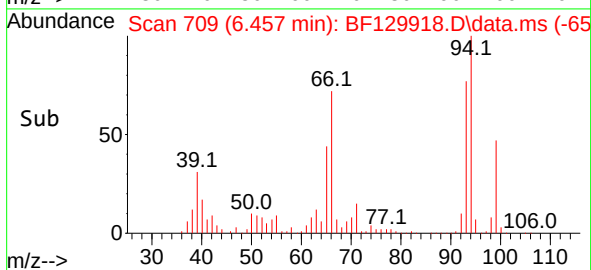
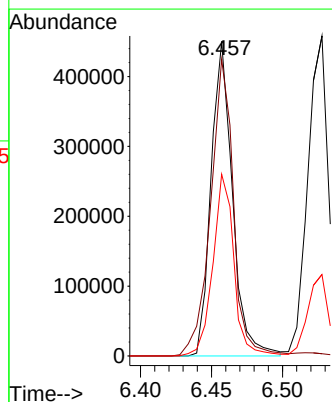
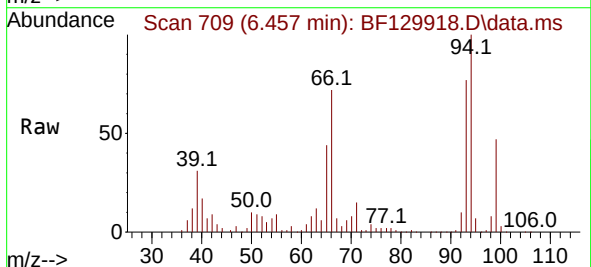
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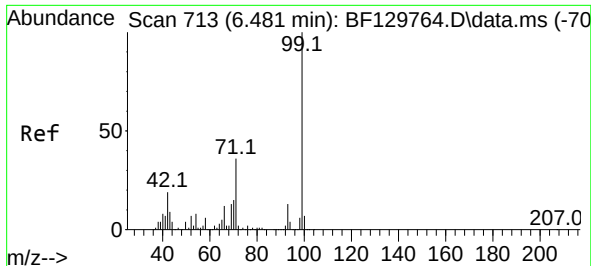
Tgt Ion:112 Resp: 994101
Ion Ratio Lower Upper
112 100
64 57.3 47.6 71.4
63 30.4 24.6 37.0



#6
Aniline
Concen: 40.717 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.000 min
Lab File: BF129918.D
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Tgt Ion: 93 Resp: 472572
Ion Ratio Lower Upper
93 100
66 94.4 68.7 103.1
65 57.8 41.6 62.4

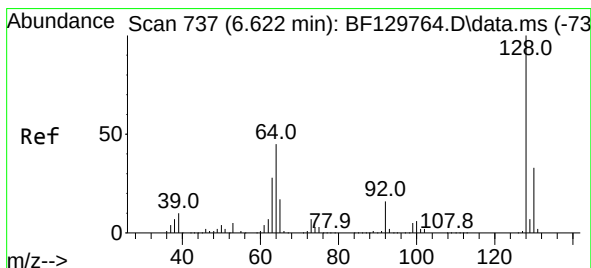
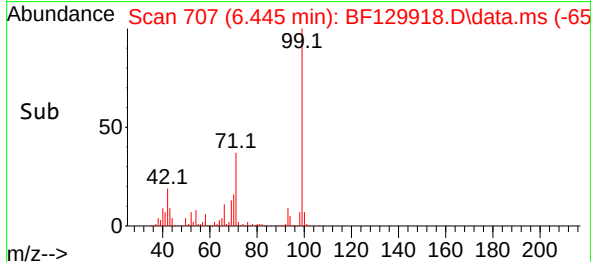
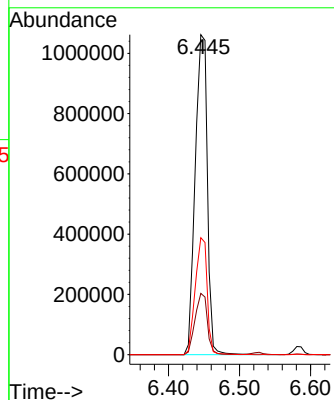
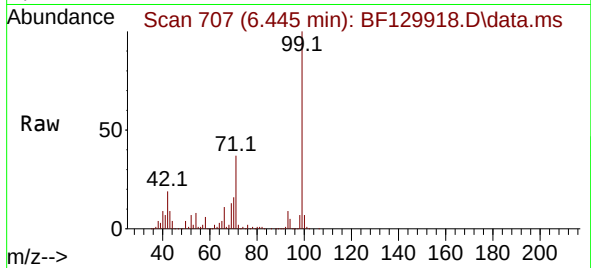




#7
Phenol-d6
Concen: 124.584 ng
RT: 6.445 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129918.D
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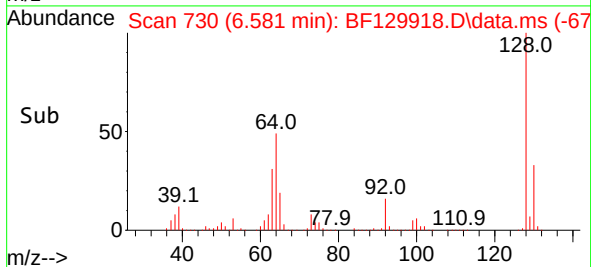
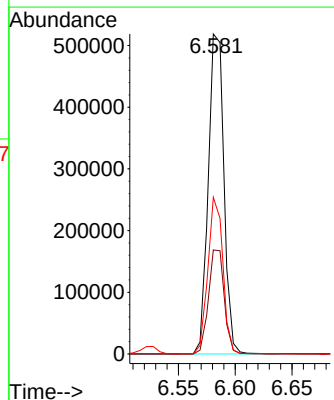
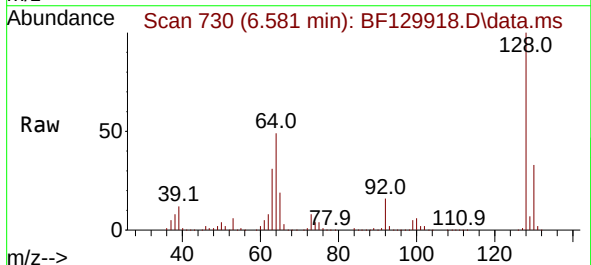
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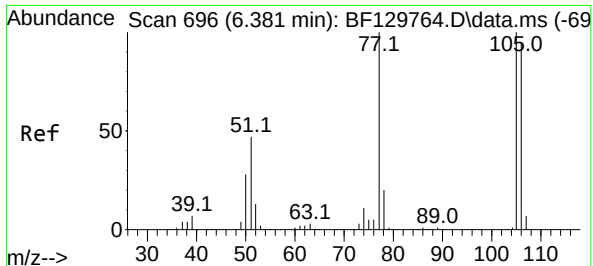
Tgt Ion: 99 Resp: 1268671
Ion Ratio Lower Upper
99 100
42 19.1 15.0 22.4
71 36.6 28.8 43.2



#8
2-Chlorophenol
Concen: 54.975 ng
RT: 6.581 min Scan# 730
Delta R.T. -0.000 min
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Tgt Ion: 128 Resp: 497671
Ion Ratio Lower Upper
128 100
130 32.5 12.5 52.5
64 49.0 24.9 64.9

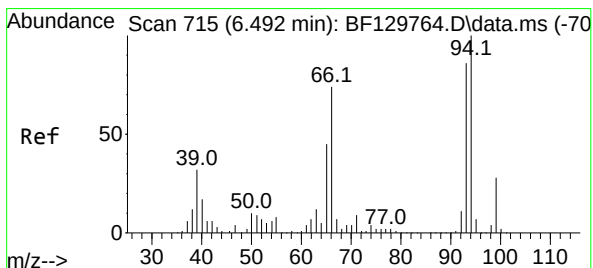
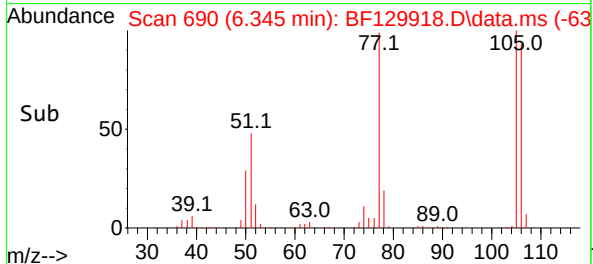
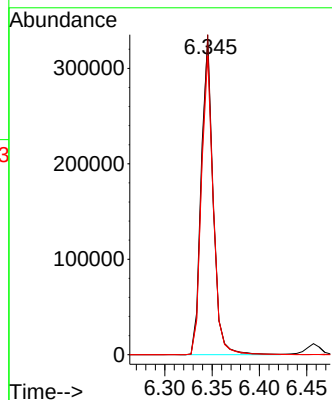
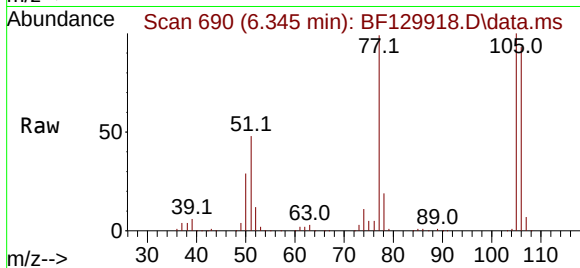




#9
Benzaldehyde
Concen: 55.407 ng
RT: 6.345 min Scan# 696
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

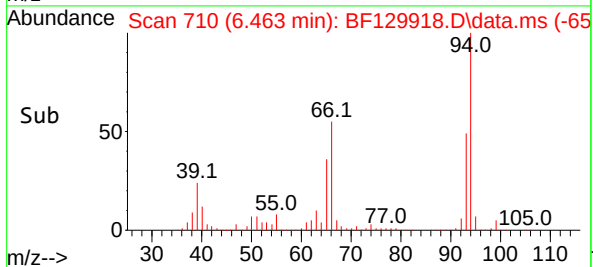
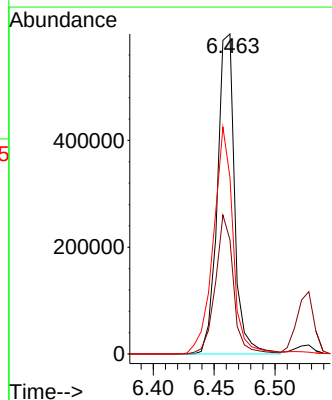
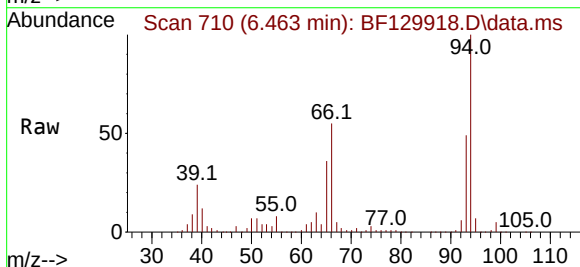
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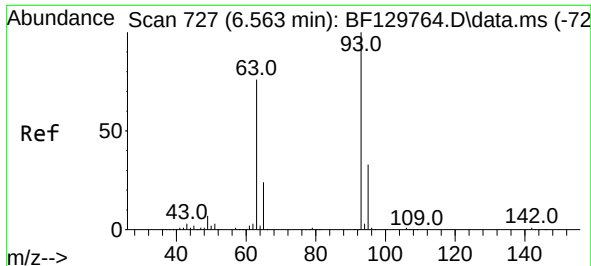
Tgt Ion: 77 Resp: 288043
Ion Ratio Lower Upper
77 100
105 101.4 80.3 120.3
106 94.7 74.3 114.3



#10
Phenol
Concen: 53.105 ng
RT: 6.463 min Scan# 710
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 593195
Ion Ratio Lower Upper
94 100
65 35.7 24.9 64.9
66 55.2 54.2 94.2

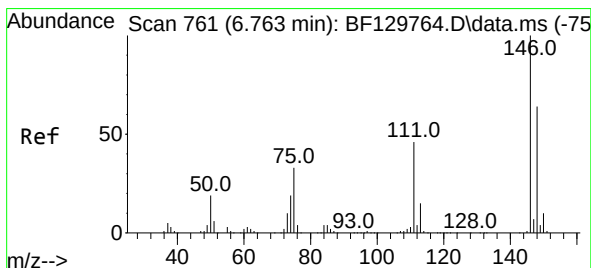
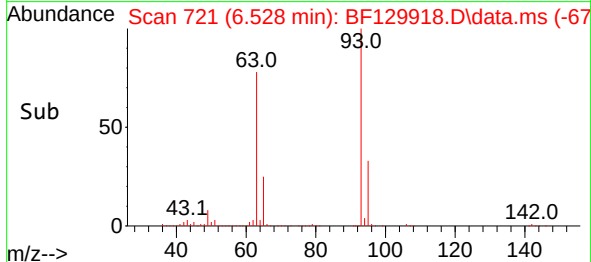
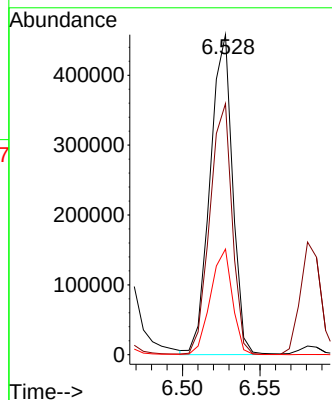
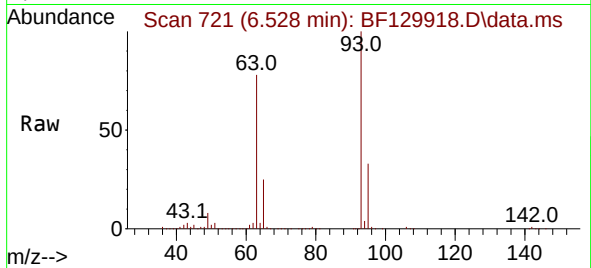




#11
bis(2-Chloroethyl)ether
Concen: 54.557 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

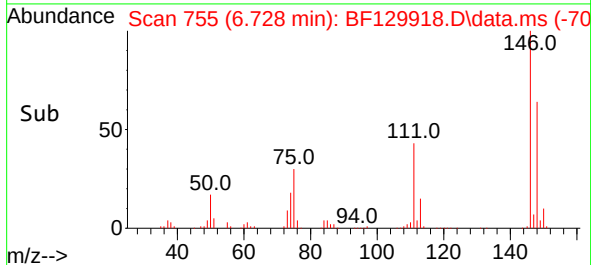
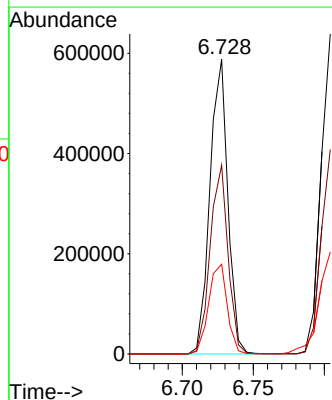
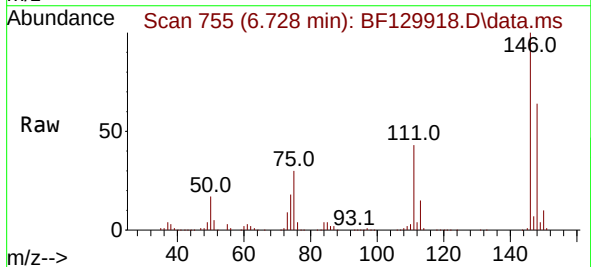
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

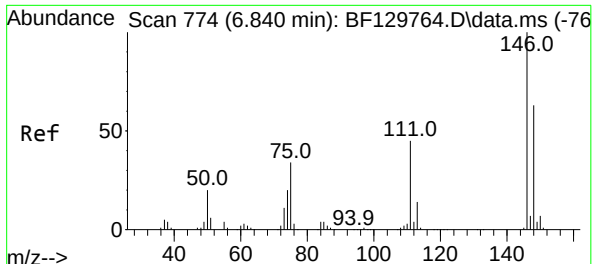
Tgt Ion: 93 Resp: 462775
Ion Ratio Lower Upper
93 100
63 78.4 55.9 95.9
95 33.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 52.944 ng
RT: 6.728 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion: 146 Resp: 517415
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
75 30.4 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 52.070 ng

RT: 6.804 min Scan# 7

Delta R.T. -0.000 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

Instrument :

BNA_F

ClientSampleId :

TP3-0815MSD

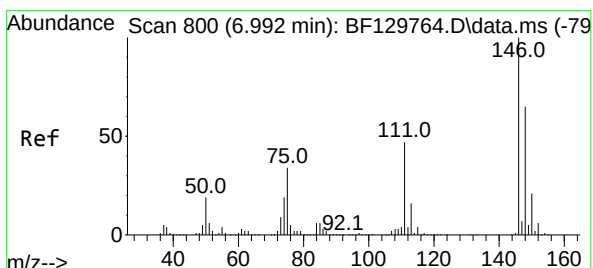
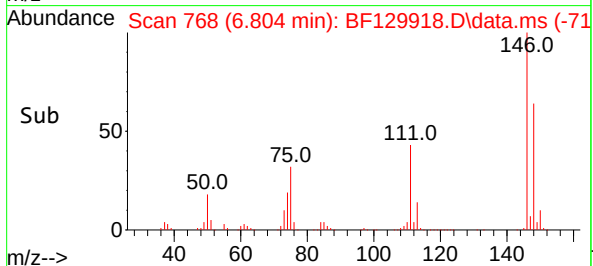
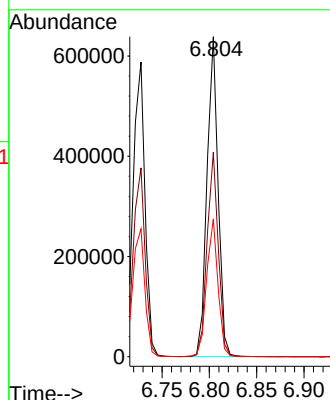
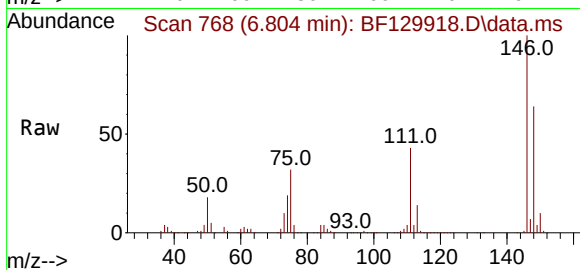
Tgt Ion:146 Resp: 519963

Ion Ratio Lower Upper

146 100

148 63.9 50.6 75.8

111 43.1 36.2 54.4



#14

1,2-Dichlorobenzene

Concen: 52.991 ng

RT: 6.957 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

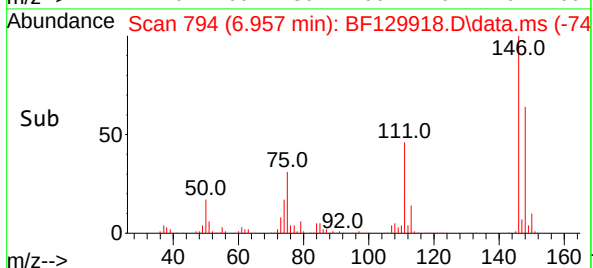
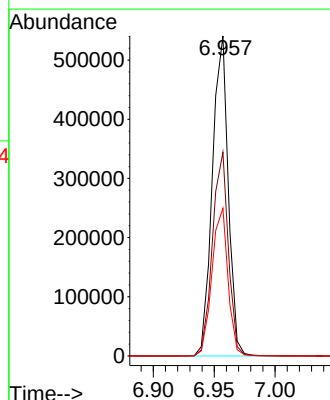
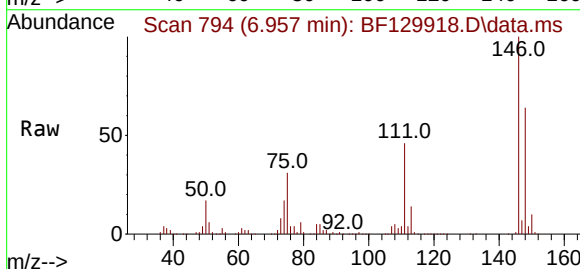
Tgt Ion:146 Resp: 491459

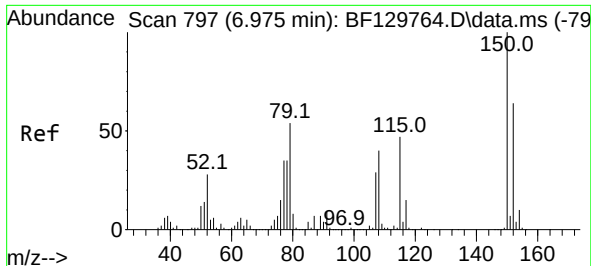
Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.6

111 46.2 37.2 55.8

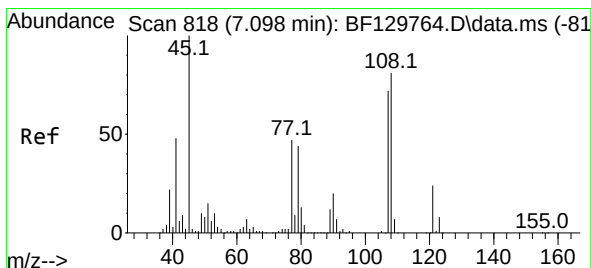
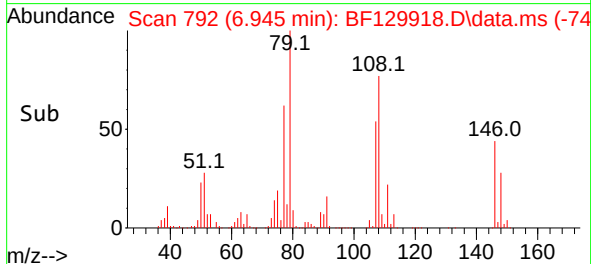
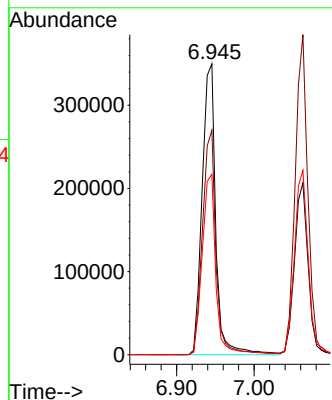
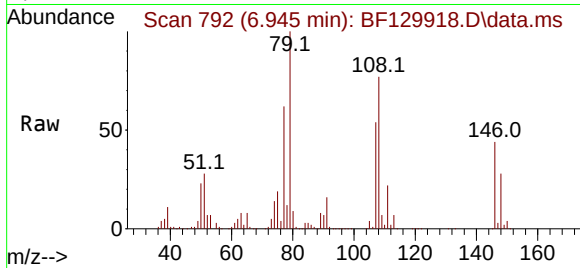




#15
Benzyl Alcohol
Concen: 55.654 ng
RT: 6.945 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

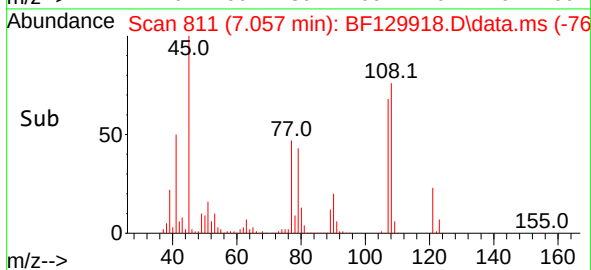
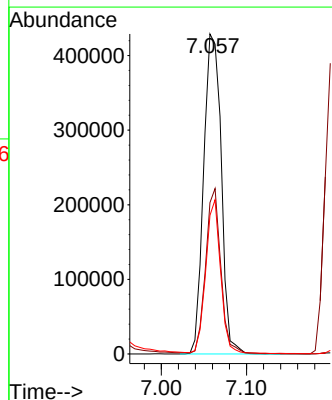
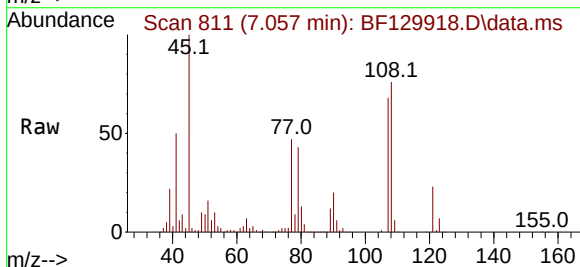
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

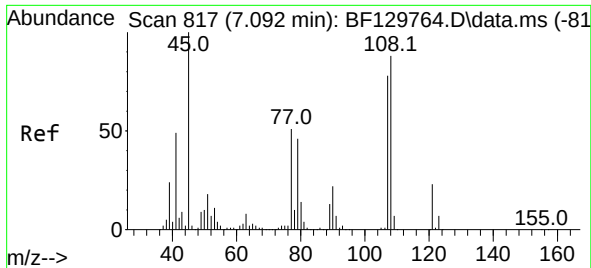
Tgt Ion: 79 Resp: 427851
Ion Ratio Lower Upper
79 100
108 77.2 59.2 88.8
77 62.0 51.9 77.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 53.959 ng
RT: 7.057 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion: 45 Resp: 613303
Ion Ratio Lower Upper
45 100
77 47.3 27.4 67.4
79 43.3 24.4 64.4

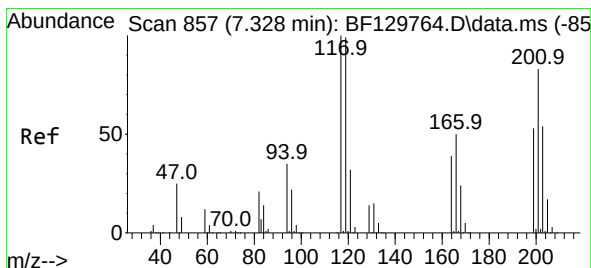
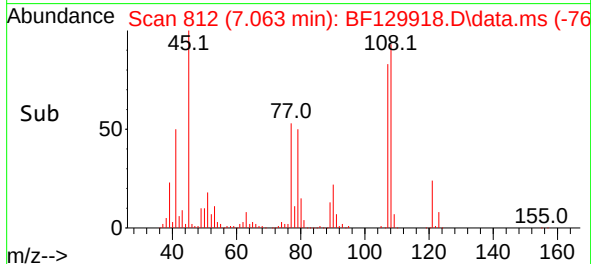
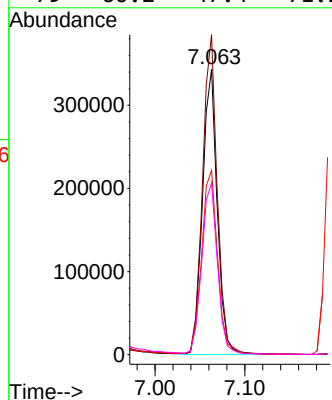
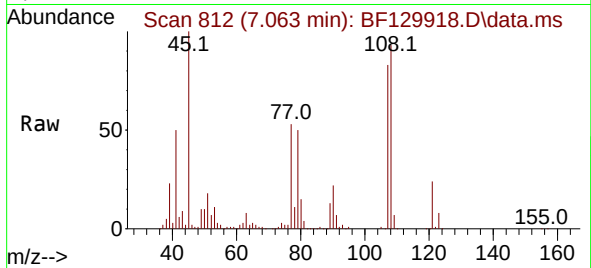




#17
2-Methylphenol
Concen: 53.979 ng
RT: 7.063 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

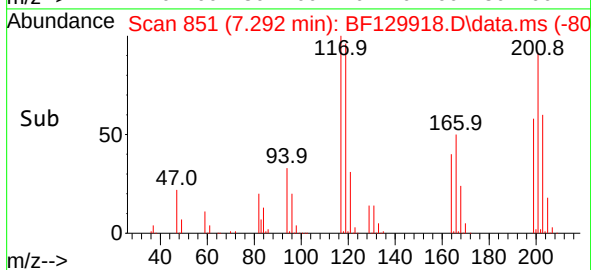
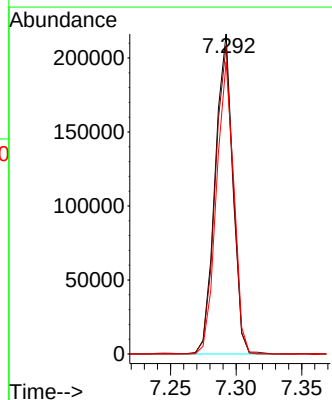
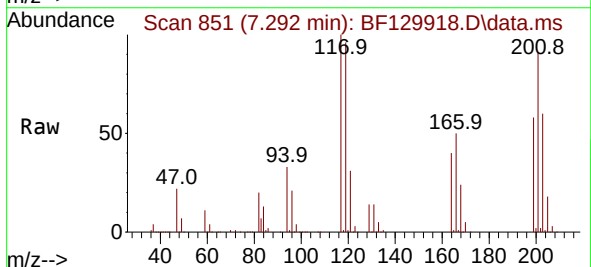
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

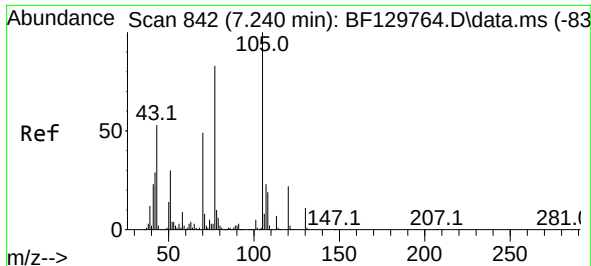
Tgt Ion:107 Resp: 392358
Ion Ratio Lower Upper
107 100
108 112.1 90.2 135.2
77 64.6 51.8 77.8
79 60.2 47.4 71.2



#18
Hexachloroethane
Concen: 54.223 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion:117 Resp: 203329
Ion Ratio Lower Upper
117 100
119 96.4 79.1 118.7
201 91.4 66.6 100.0

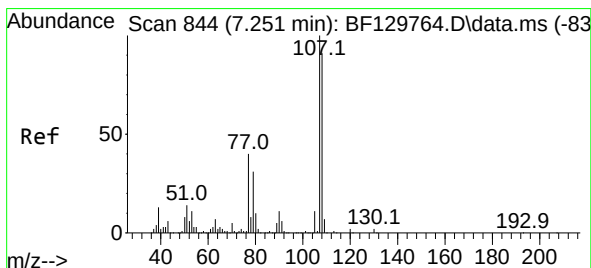
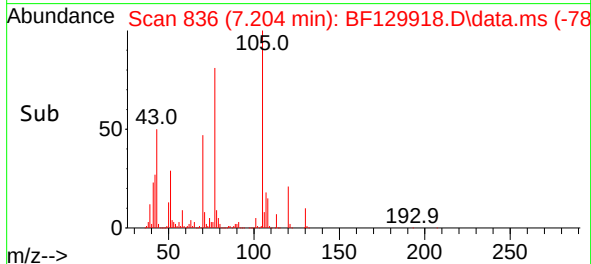
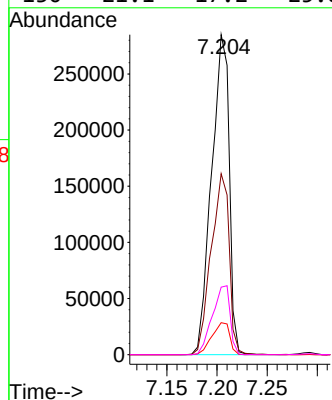
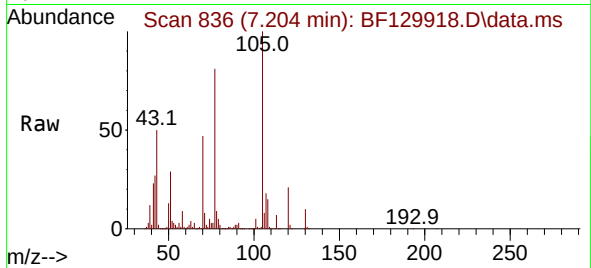




#19
n-Nitroso-di-n-propylamine
Concen: 54.162 ng
RT: 7.204 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

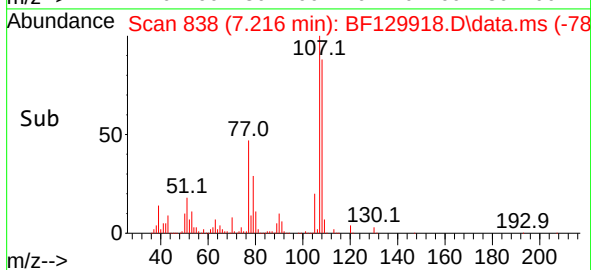
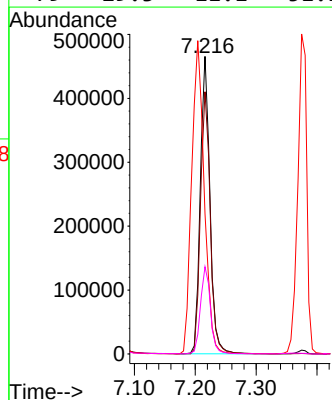
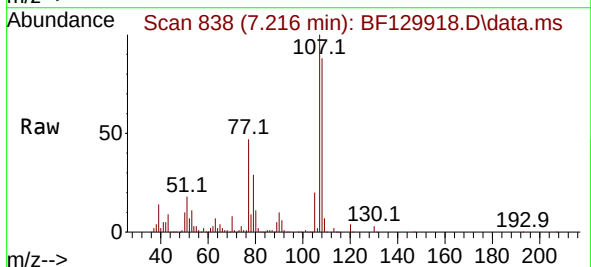
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

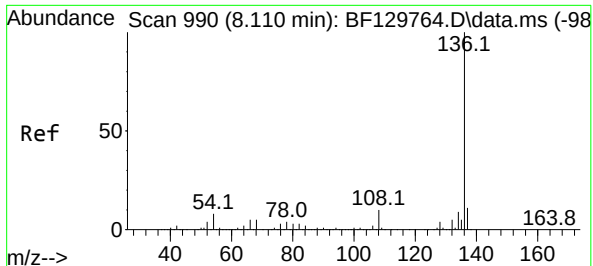
Tgt Ion: 70 Resp: 348628
Ion Ratio Lower Upper
70 100
42 56.5 47.6 71.4
101 10.0 8.1 12.1
130 21.1 17.2 25.8



#20
3+4-Methylphenols
Concen: 52.597 ng
RT: 7.216 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion: 107 Resp: 513191
Ion Ratio Lower Upper
107 100
108 88.1 71.3 111.3
77 47.1 20.4 60.4
79 29.3 11.1 51.1

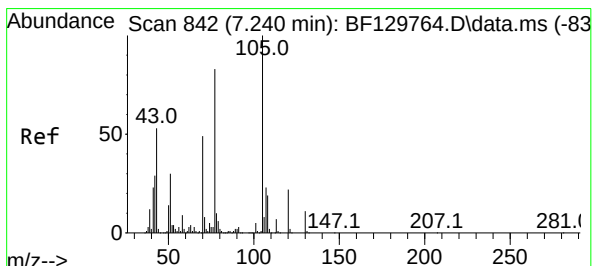
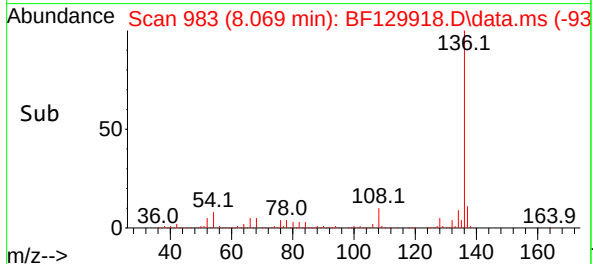
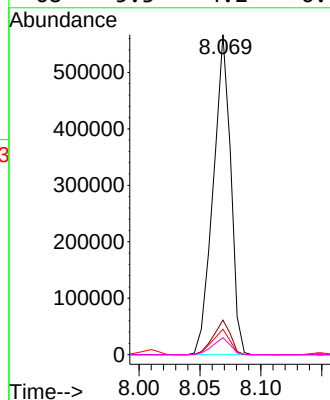
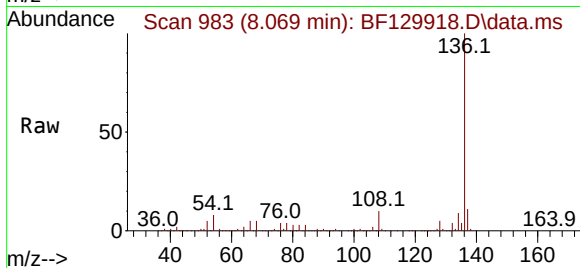




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

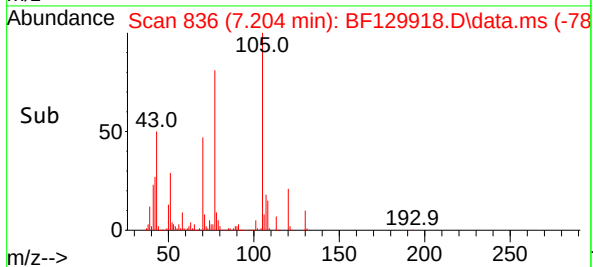
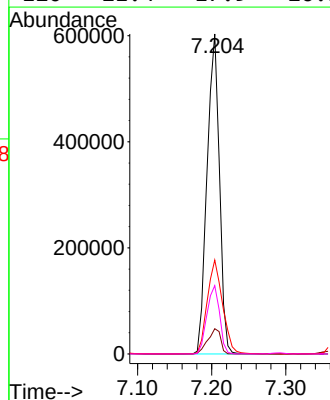
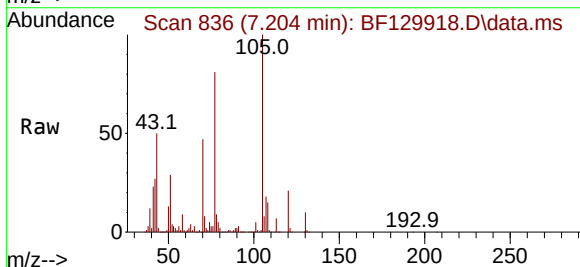
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

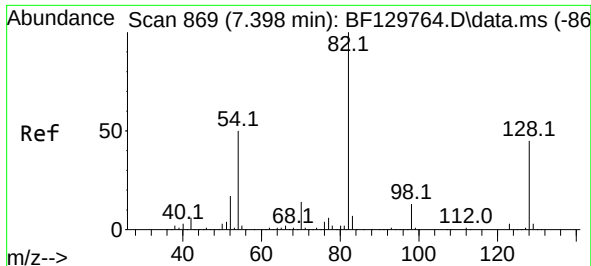
Tgt Ion:	136	Resp:	564353
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.4	12.6
54	7.9	6.2	9.2
68	5.3	4.2	6.4



#22
Acetophenone
Concen: 50.860 ng
RT: 7.204 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion:	105	Resp:	699472
Ion Ratio	Lower	Upper	
105	100		
71	7.9	6.6	9.8
51	29.3	23.8	35.8
120	21.4	17.9	26.9





#23

Nitrobenzene-d5

Concen: 77.165 ng

RT: 7.357 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

Instrument :

BNA_F

ClientSampleId :

TP3-0815MSD

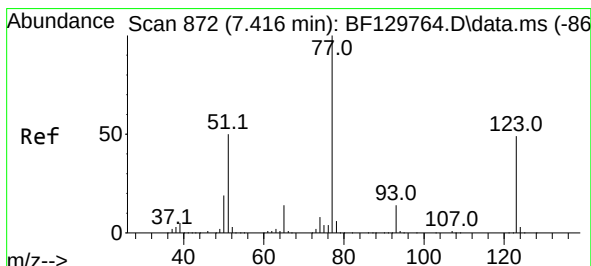
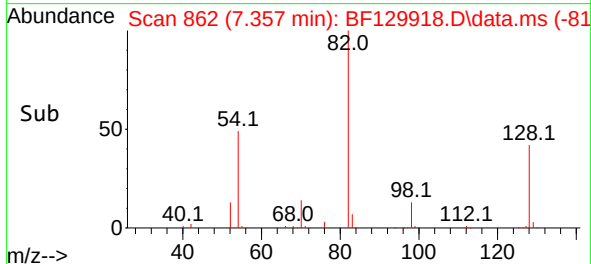
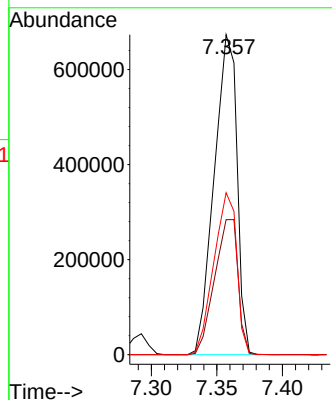
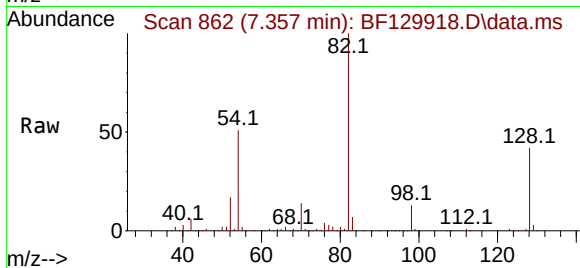
Tgt Ion: 82 Resp: 813500

Ion Ratio Lower Upper

82 100

128 42.2 36.1 54.1

54 50.6 40.0 60.0



#24

Nitrobenzene

Concen: 48.451 ng

RT: 7.375 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

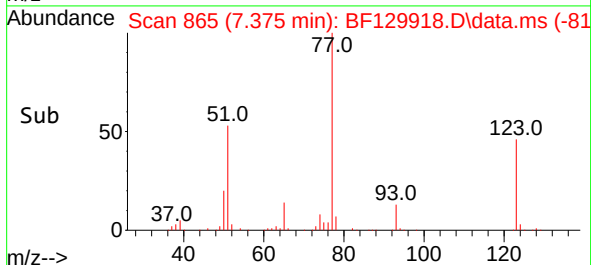
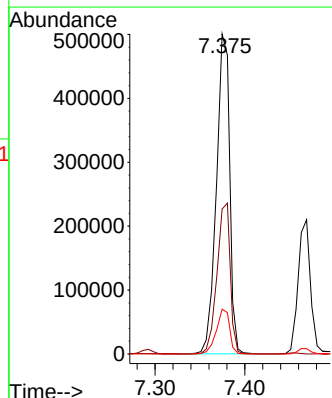
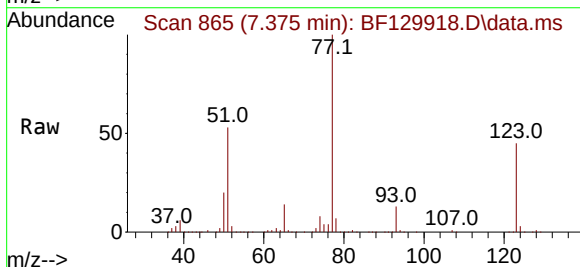
Tgt Ion: 77 Resp: 515057

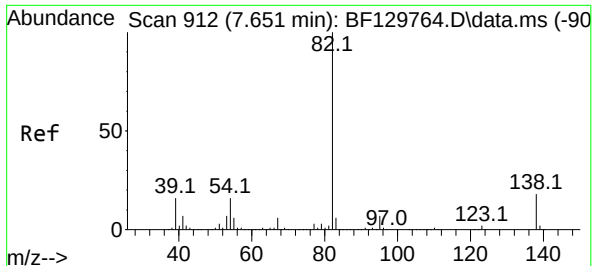
Ion Ratio Lower Upper

77 100

123 45.3 39.2 58.8

65 14.0 11.1 16.7

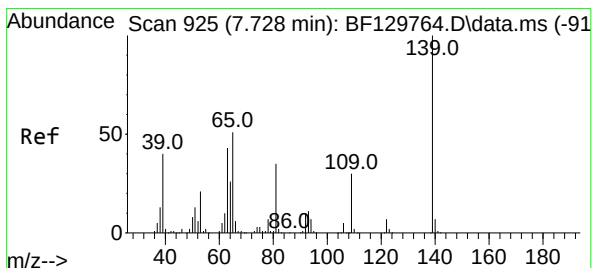
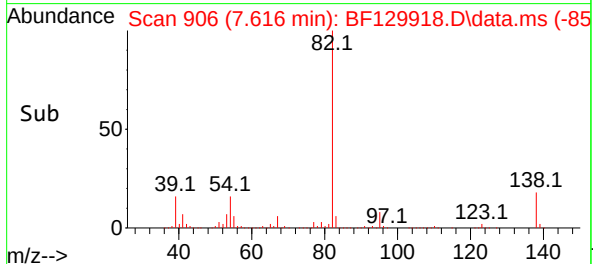
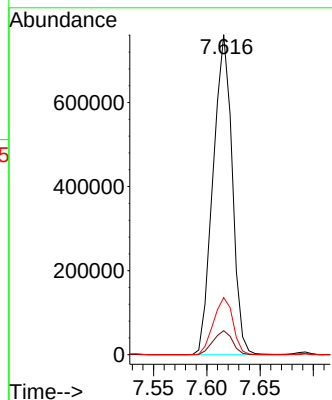
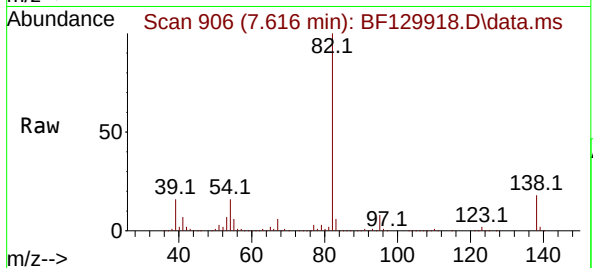




#25
Isophorone
Concen: 52.209 ng
RT: 7.616 min Scan# 906
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

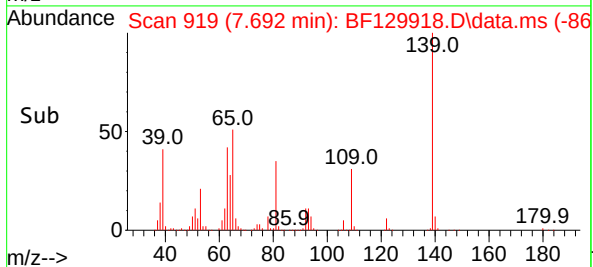
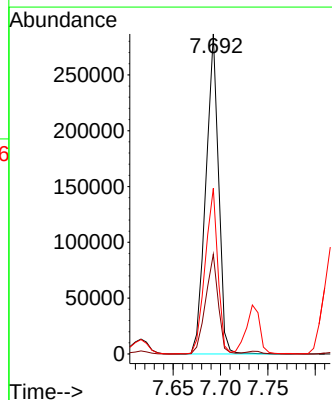
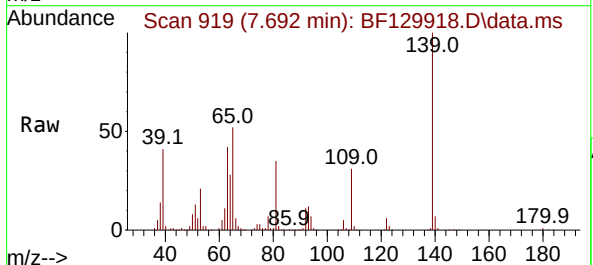
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

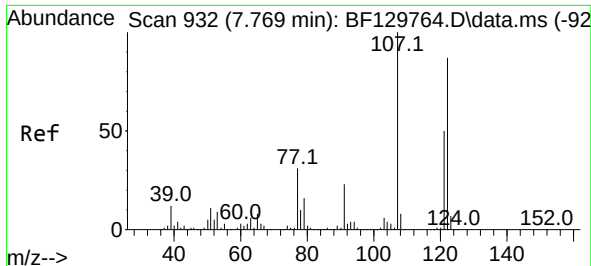
Tgt Ion: 82 Resp: 947334
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 17.8 14.6 21.8



#26
2-Nitrophenol
Concen: 51.146 ng
RT: 7.692 min Scan# 919
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion: 139 Resp: 267438
Ion Ratio Lower Upper
139 100
109 31.1 24.4 36.6
65 51.8 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 58.246 ng

RT: 7.734 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

Instrument :

BNA_F

ClientSampleId :

TP3-0815MSD

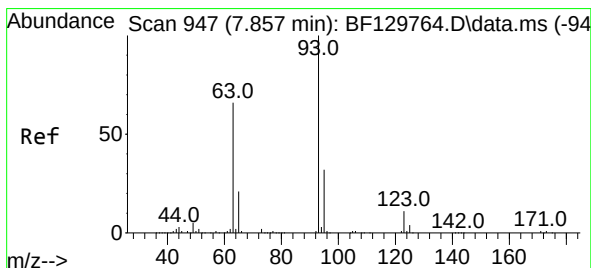
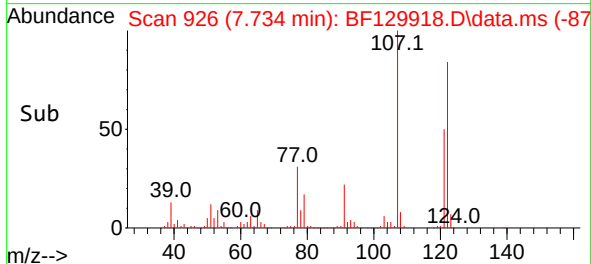
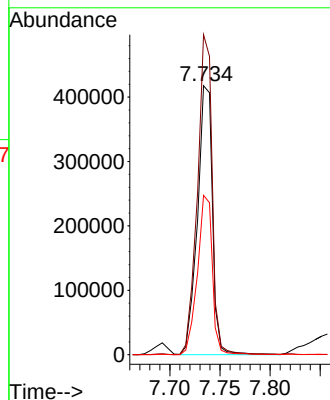
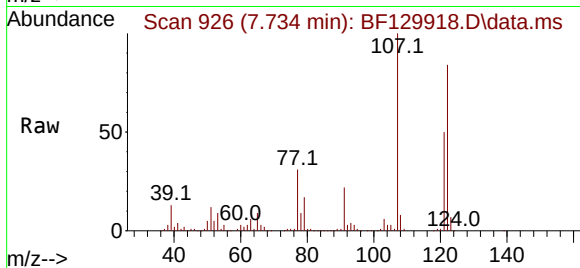
Tgt Ion:122 Resp: 436781

Ion Ratio Lower Upper

122 100

107 119.0 92.2 138.4

121 59.2 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 54.792 ng

RT: 7.822 min Scan# 941

Delta R.T. -0.000 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

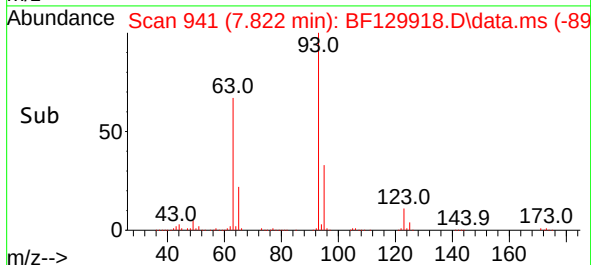
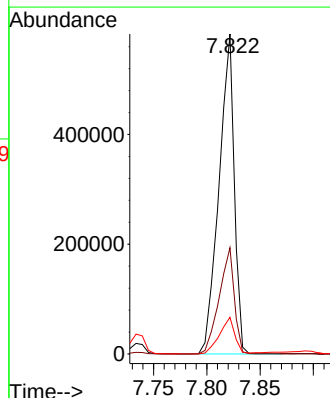
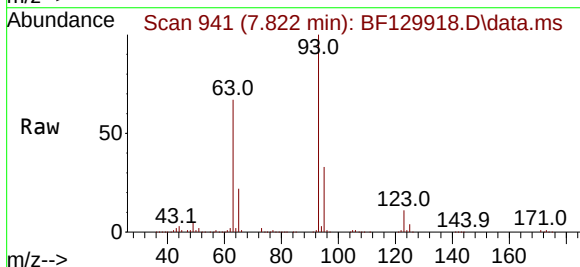
Tgt Ion: 93 Resp: 580493

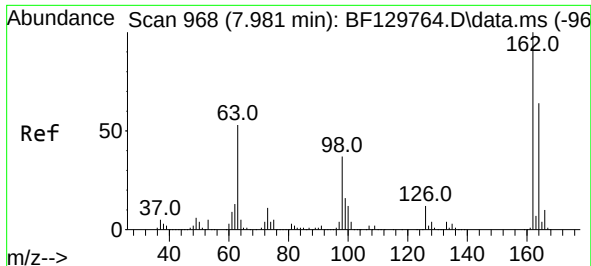
Ion Ratio Lower Upper

93 100

95 33.2 25.6 38.4

123 11.4 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 50.118 ng

RT: 7.939 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

Instrument :

BNA_F

ClientSampleId :

TP3-0815MSD

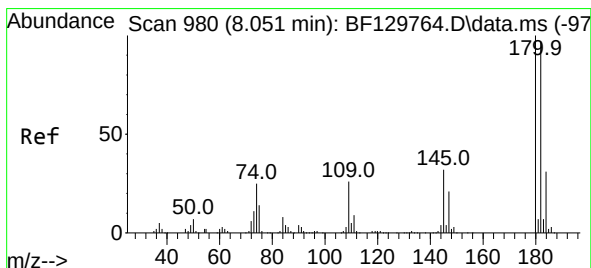
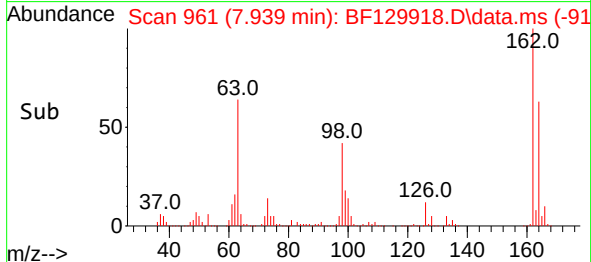
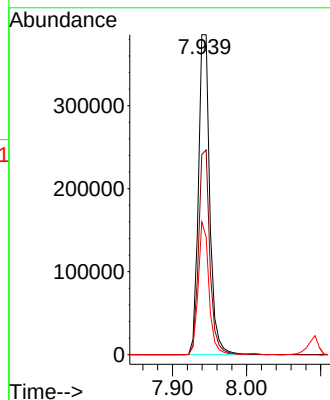
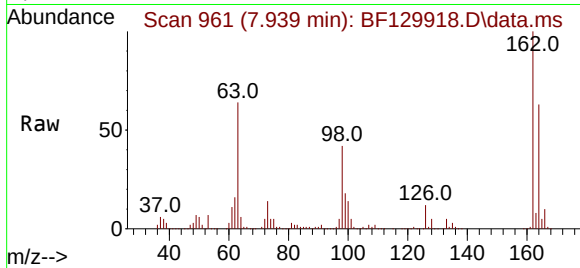
Tgt Ion:162 Resp: 410958

Ion Ratio Lower Upper

162 100

164 62.5 43.7 83.7

98 41.5 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 48.072 ng

RT: 8.010 min Scan# 973

Delta R.T. -0.000 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

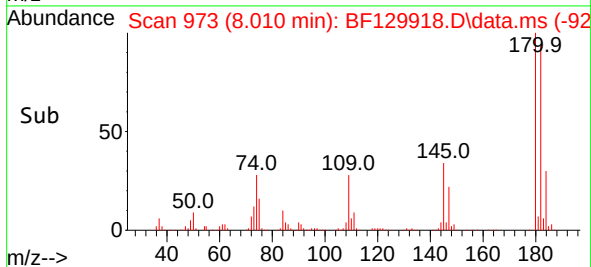
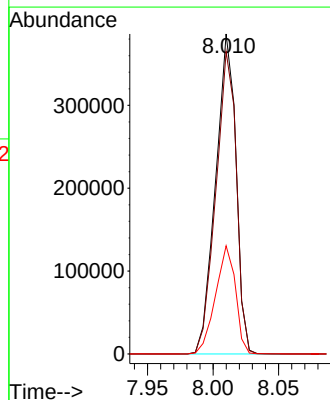
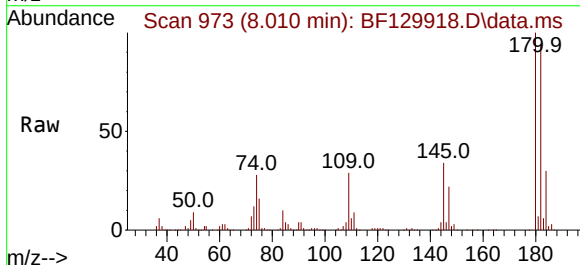
Tgt Ion:180 Resp: 415839

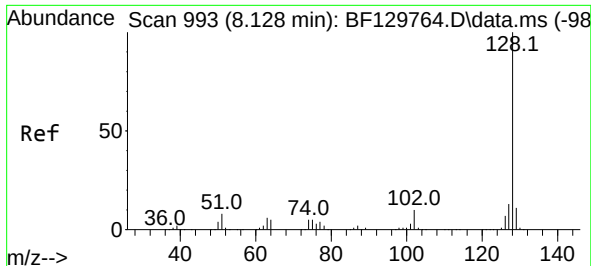
Ion Ratio Lower Upper

180 100

182 94.5 77.6 116.4

145 33.8 25.6 38.4

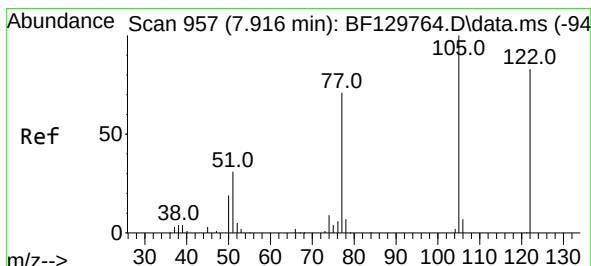
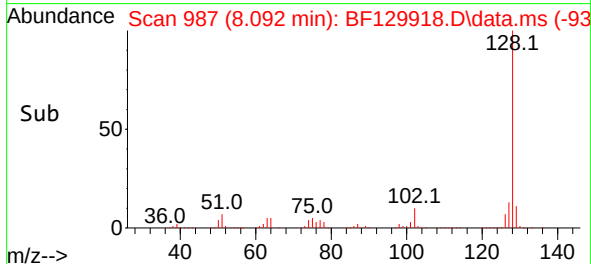
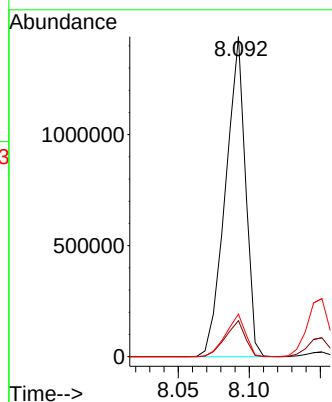
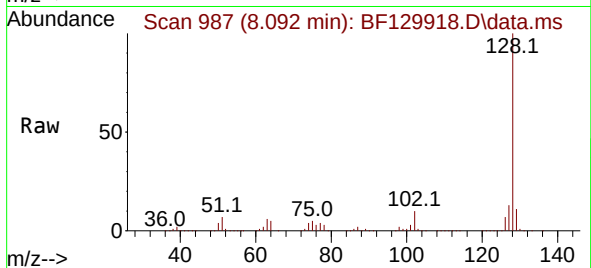




#31
Naphthalene
Concen: 47.754 ng
RT: 8.092 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

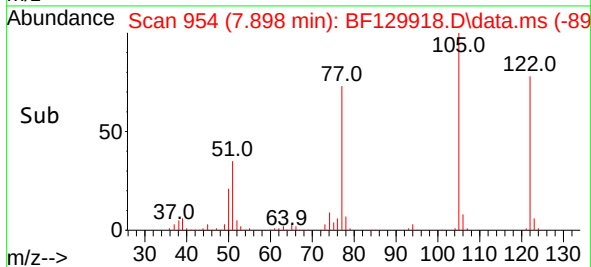
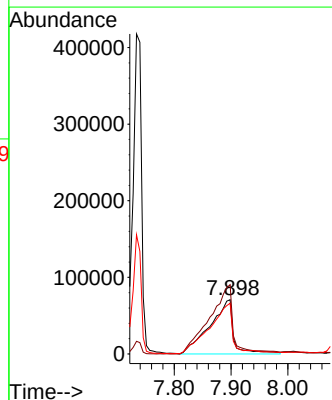
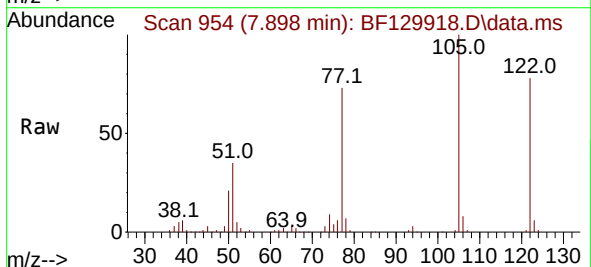
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

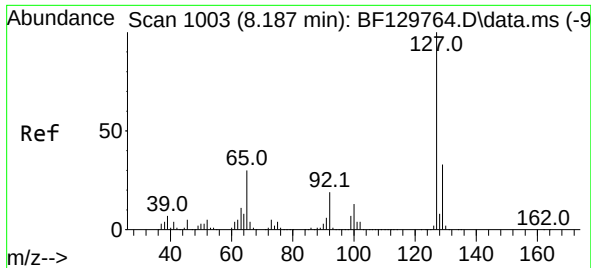
Tgt Ion:128 Resp: 1409108
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 57.842 ng
RT: 7.898 min Scan# 954
Delta R.T. 0.023 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion:122 Resp: 208192
Ion Ratio Lower Upper
122 100
105 127.6 99.9 139.9
77 93.4 65.9 105.9

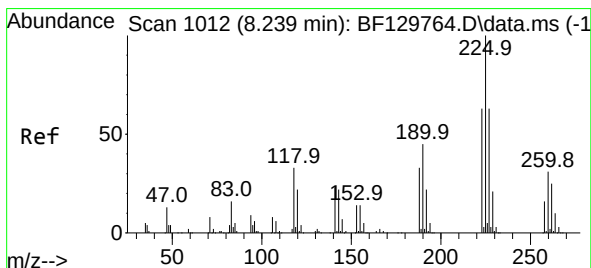
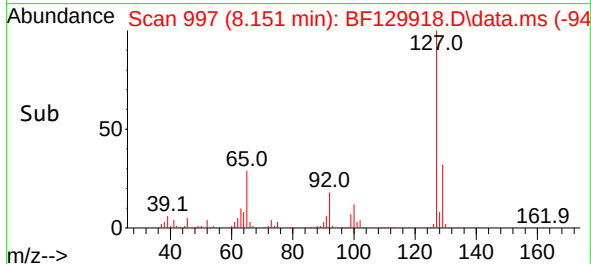
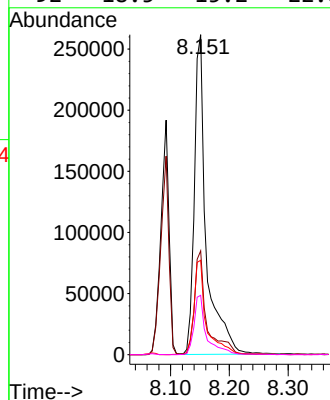
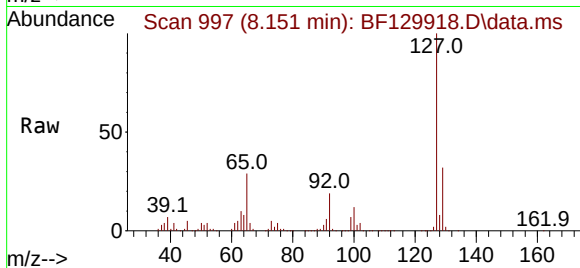




#33
4-Chloroaniline
Concen: 31.919 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

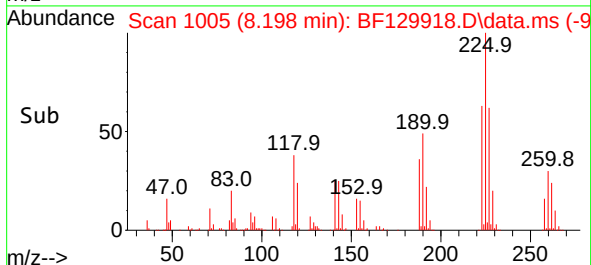
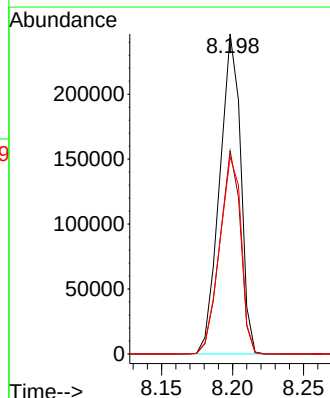
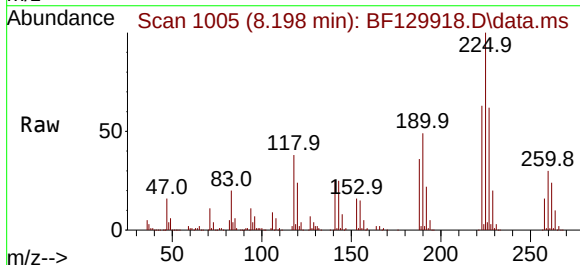
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

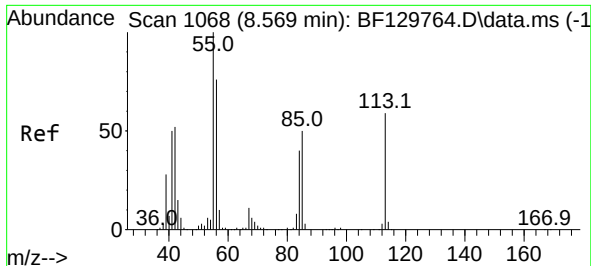
Tgt Ion:	127	Resp:	370389
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.7	40.1
65	29.5	24.2	36.2
92	18.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 48.002 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion:	225	Resp:	252839
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.2	75.2
227	61.6	50.6	75.8

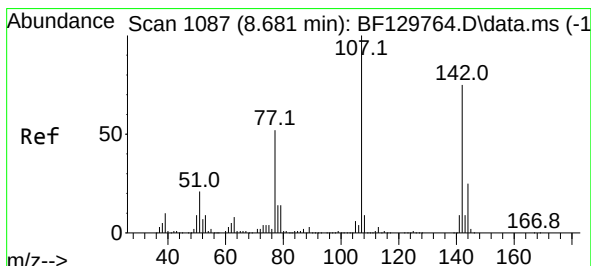
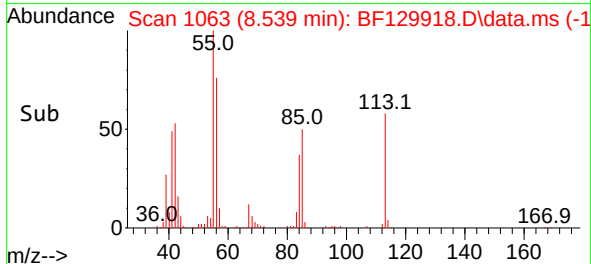
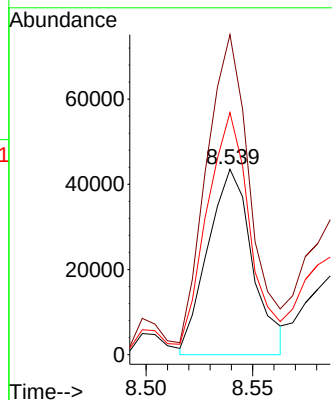
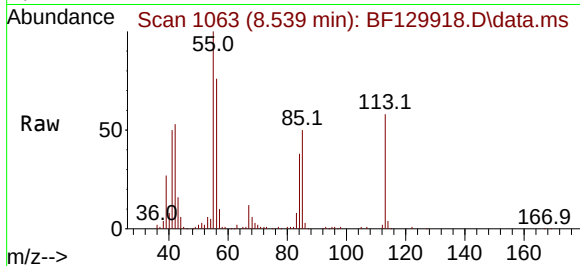




#35
Caprolactam
Concen: 24.957 ng
RT: 8.539 min Scan# 1063
Delta R.T. 0.012 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

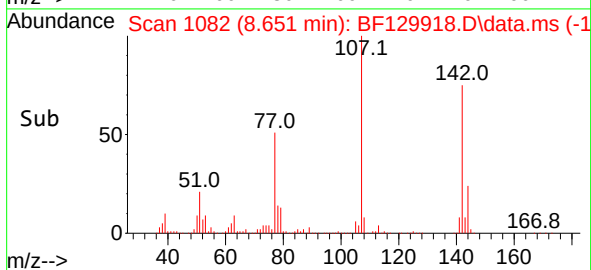
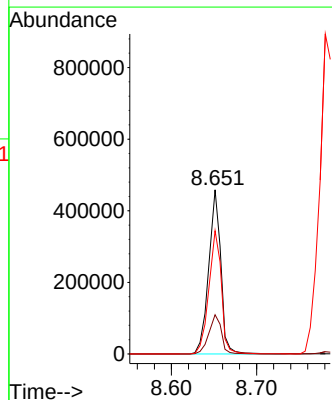
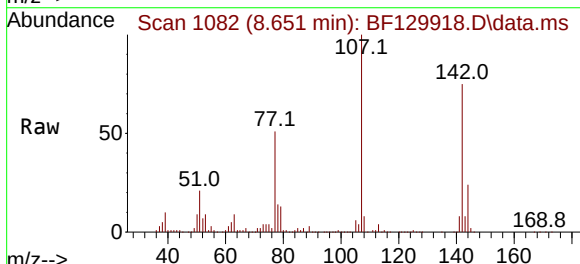
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

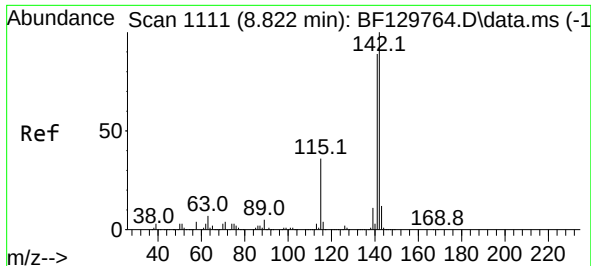
Tgt Ion:113 Resp: 63639
Ion Ratio Lower Upper
113 100
55 172.6 148.8 188.8
56 130.5 109.1 149.1



#36
4-Chloro-3-methylphenol
Concen: 51.182 ng
RT: 8.651 min Scan# 1082
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion:107 Resp: 452762
Ion Ratio Lower Upper
107 100
144 23.9 19.9 29.9
142 75.0 60.2 90.4





#37

2-Methylnaphthalene

Concen: 48.765 ng

RT: 8.781 min Scan# 1111

Delta R.T. -0.000 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

Instrument :

BNA_F

ClientSampleId :

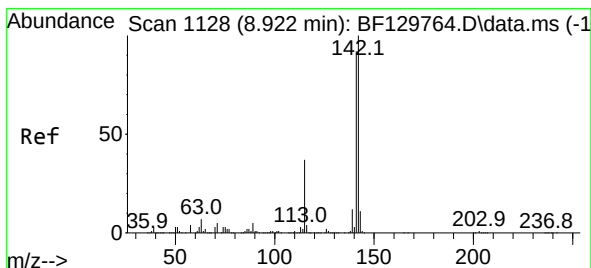
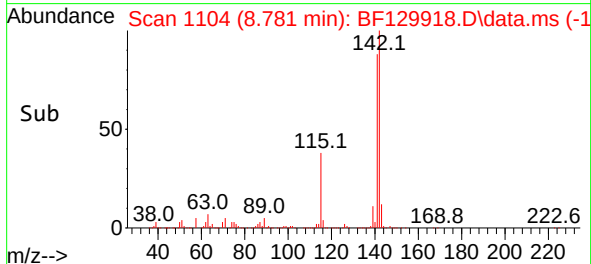
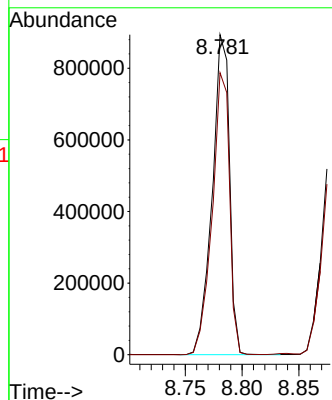
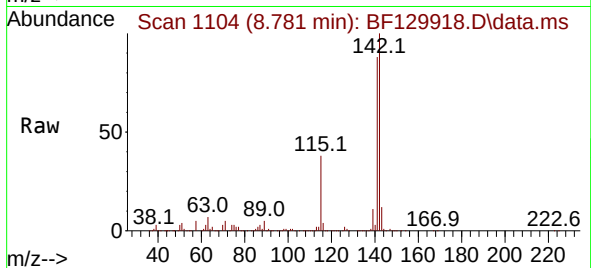
TP3-0815MSD

Tgt Ion:142 Resp: 944429

Ion Ratio Lower Upper

142 100

141 88.1 70.9 106.3



#38

1-Methylnaphthalene

Concen: 47.870 ng

RT: 8.881 min Scan# 1121

Delta R.T. -0.000 min

Lab File: BF129918.D

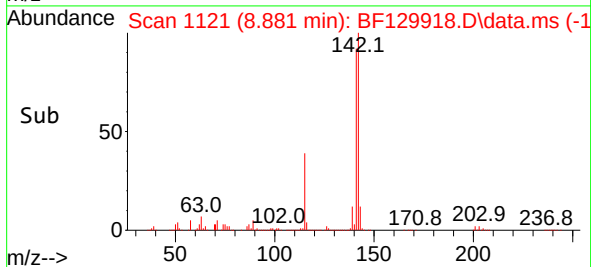
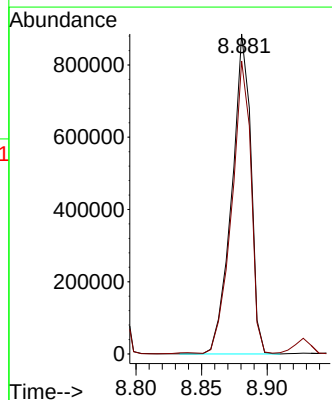
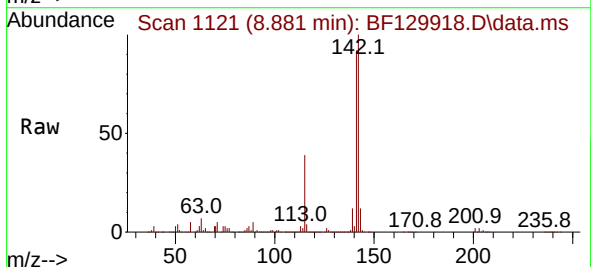
Acq: 19 Aug 2022 19:51

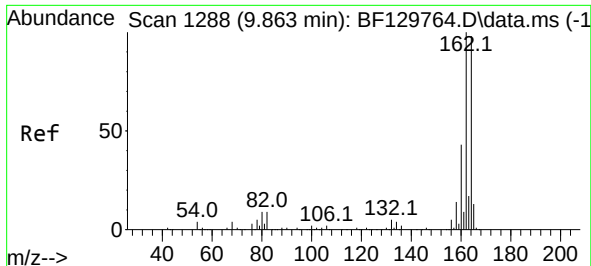
Tgt Ion:142 Resp: 900995

Ion Ratio Lower Upper

142 100

141 91.5 73.5 110.3

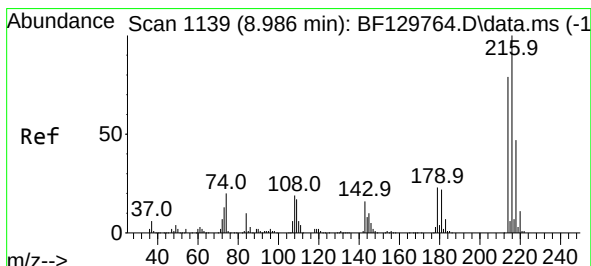
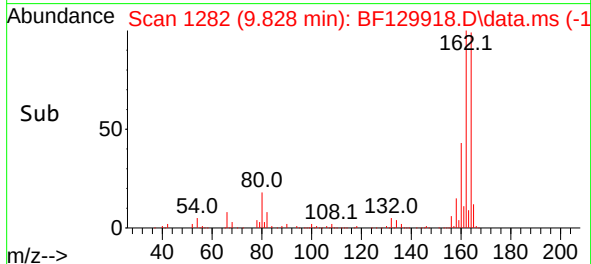
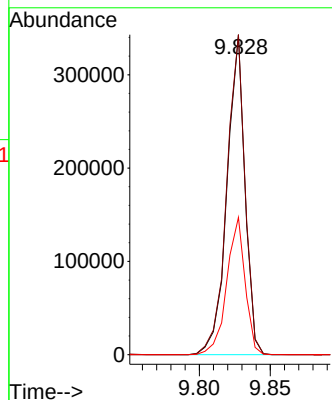
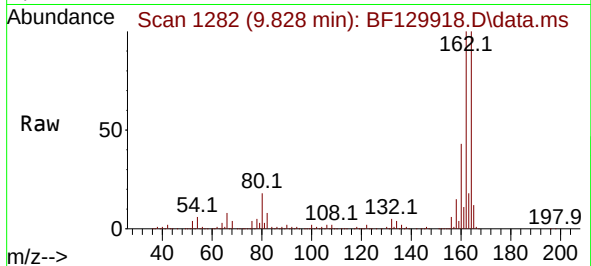




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

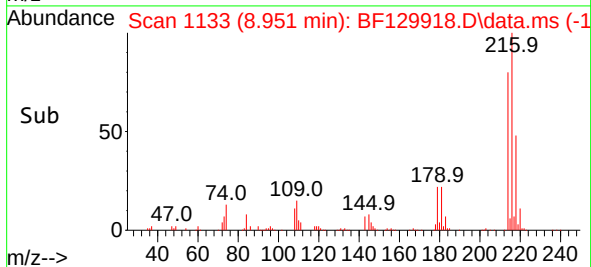
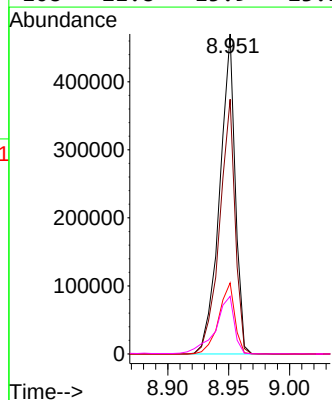
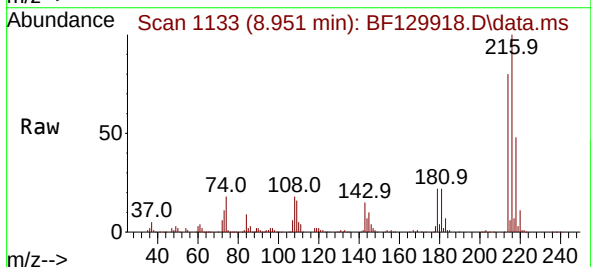
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

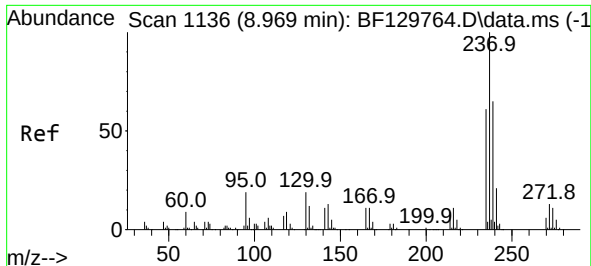
Tgt Ion:164 Resp: 300110
Ion Ratio Lower Upper
164 100
162 100.1 82.0 123.0
160 42.9 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.280 ng
RT: 8.951 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion:216 Resp: 419685
Ion Ratio Lower Upper
216 100
214 79.2 63.1 94.7
179 22.6 18.1 27.1
108 21.8 15.9 23.9

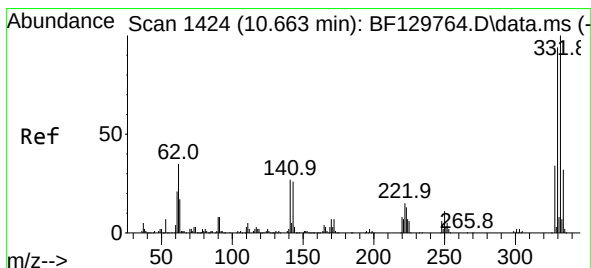
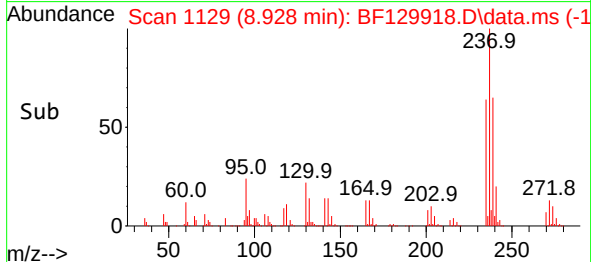
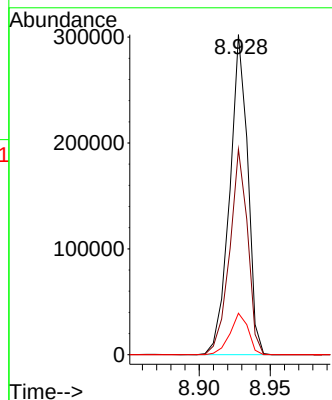
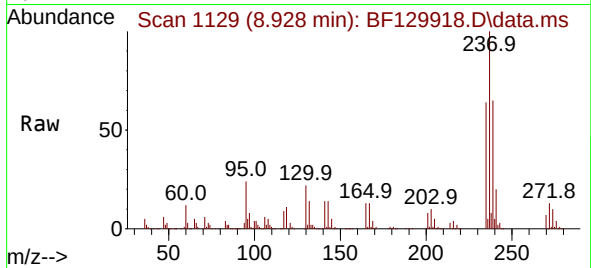




#41
Hexachlorocyclopentadiene
Concen: 91.108 ng
RT: 8.928 min Scan# 1129
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

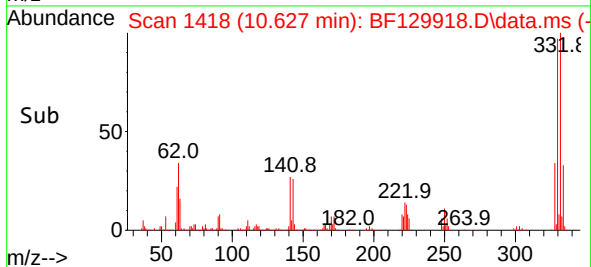
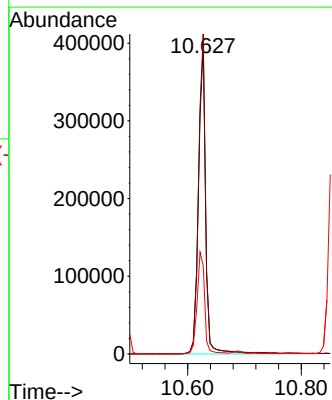
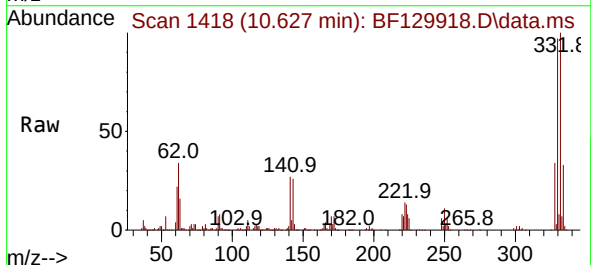
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

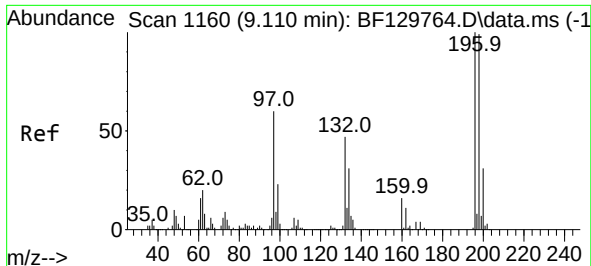
Tgt Ion:237 Resp: 267501
Ion Ratio Lower Upper
237 100
235 64.2 41.5 81.5
272 12.9 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 117.381 ng
RT: 10.627 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion:330 Resp: 353557
Ion Ratio Lower Upper
330 100
332 101.9 82.6 124.0
141 34.7 27.6 41.4

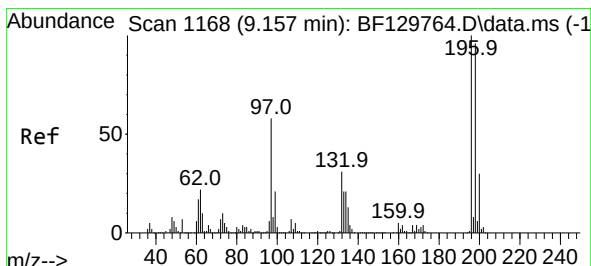
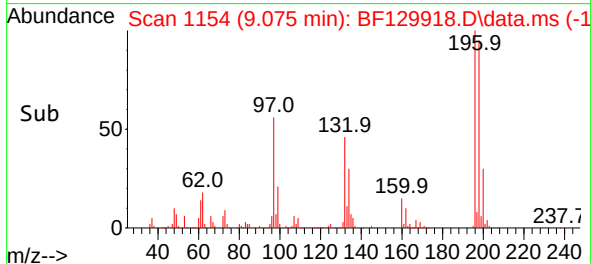
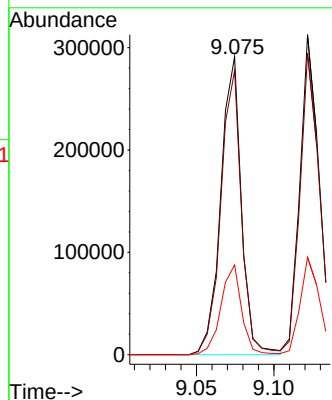
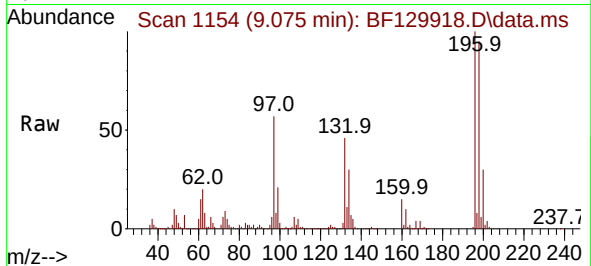




#43
2,4,6-Trichlorophenol
Concen: 49.842 ng
RT: 9.075 min Scan# 1160
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

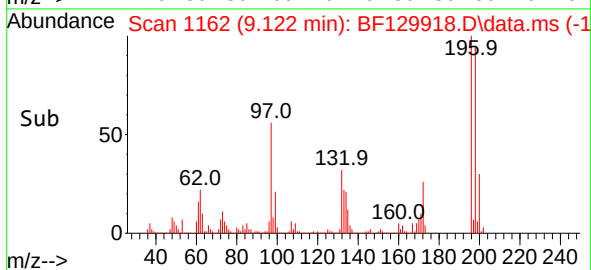
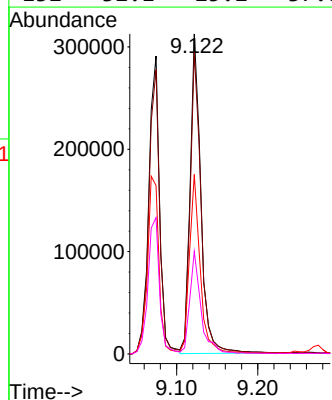
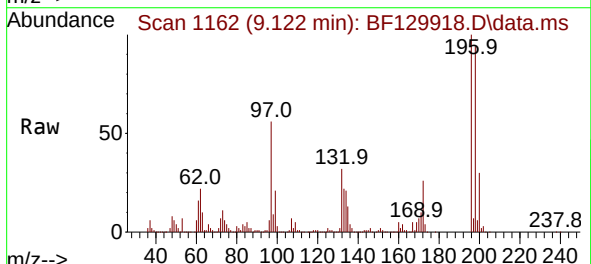
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

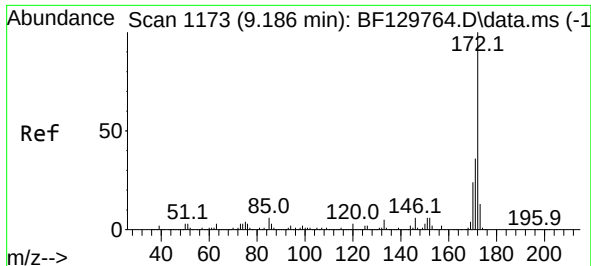
Tgt Ion:196 Resp: 270306
Ion Ratio Lower Upper
196 100
198 95.4 79.0 118.4
200 30.2 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 49.376 ng
RT: 9.122 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion:196 Resp: 288093
Ion Ratio Lower Upper
196 100
198 94.2 76.4 114.6
97 56.1 46.5 69.7
132 32.1 25.2 37.8

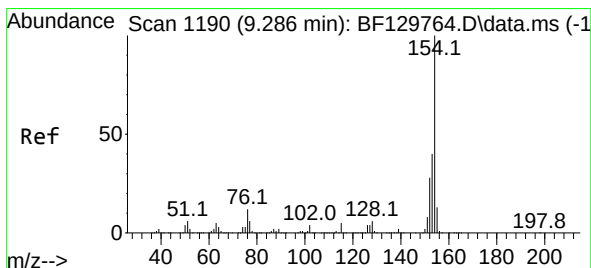
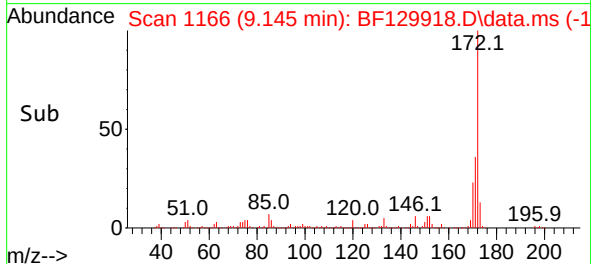
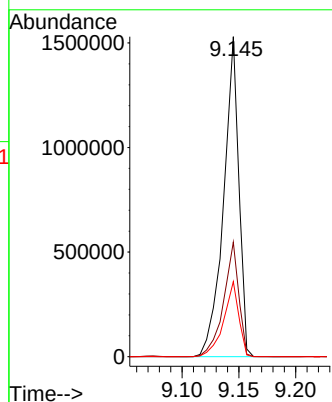
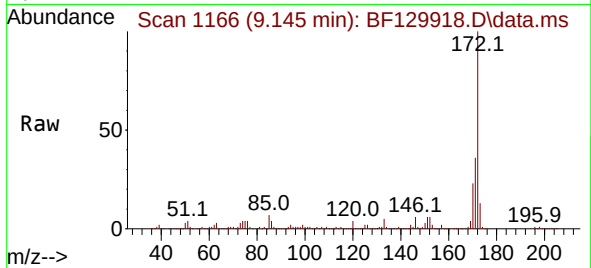




#45
2-Fluorobiphenyl
Concen: 72.558 ng
RT: 9.145 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

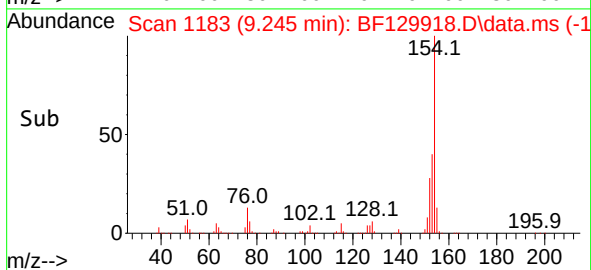
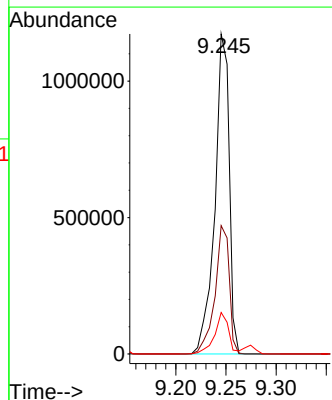
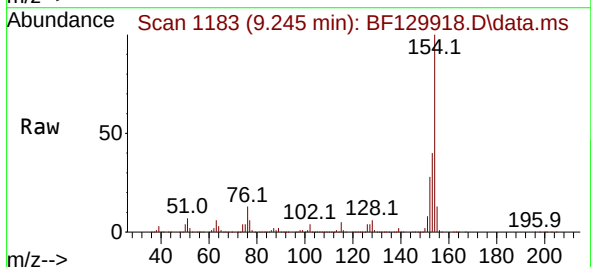
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

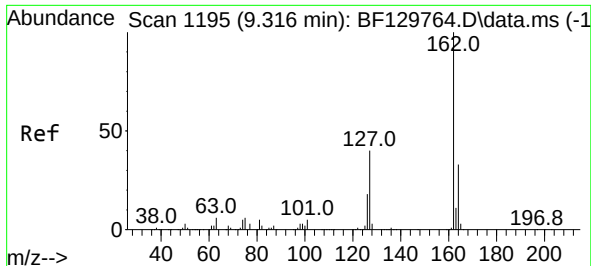
Tgt Ion:172 Resp: 1433709
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.5 19.1 28.7



#46
1,1'-Biphenyl
Concen: 50.977 ng
RT: 9.245 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion:154 Resp: 1162240
Ion Ratio Lower Upper
154 100
153 40.1 20.2 60.2
76 12.9 0.0 32.1

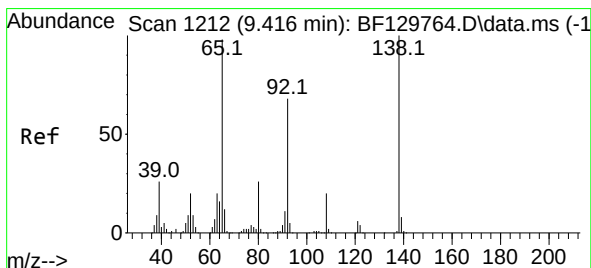
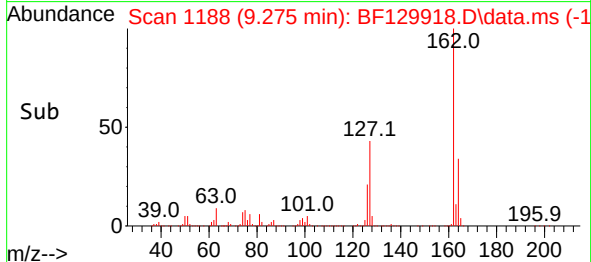
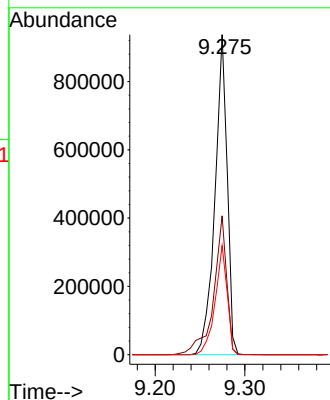
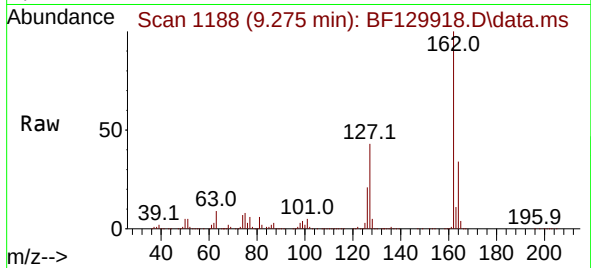




#47
2-Chloronaphthalene
Concen: 49.181 ng
RT: 9.275 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

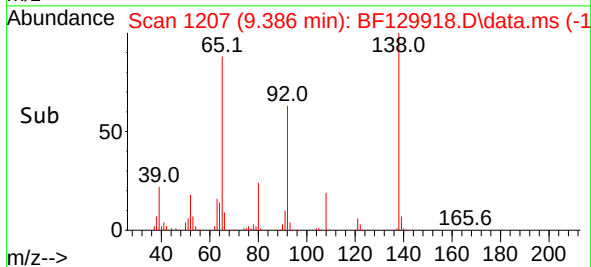
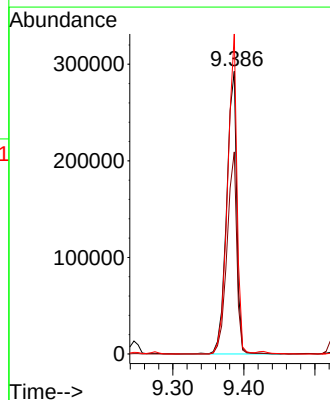
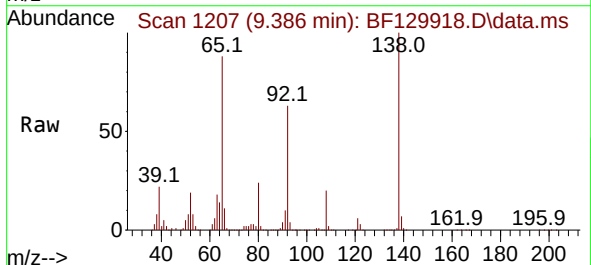
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

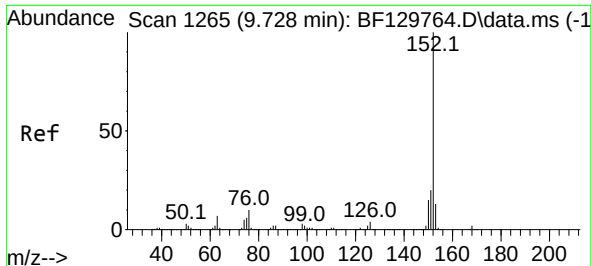
Tgt Ion:162 Resp: 887187
Ion Ratio Lower Upper
162 100
127 43.4 33.1 49.7
164 34.1 26.7 40.1



#48
2-Nitroaniline
Concen: 50.473 ng
RT: 9.386 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion: 65 Resp: 287737
Ion Ratio Lower Upper
65 100
92 71.5 55.0 82.4
138 113.2 81.3 121.9





#49

Acenaphthylene

Concen: 48.308 ng

RT: 9.692 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

Instrument :

BNA_F

ClientSampleId :

TP3-0815MSD

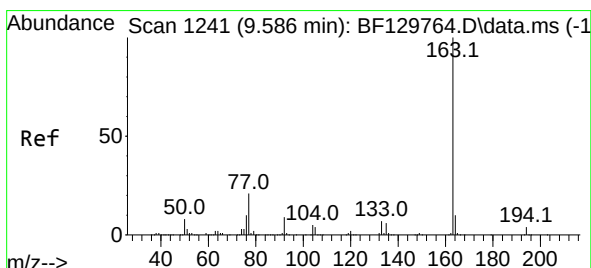
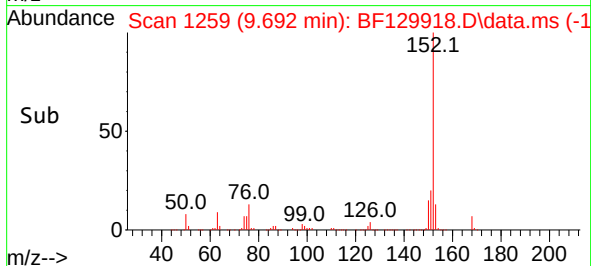
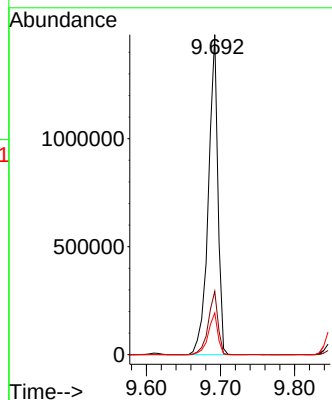
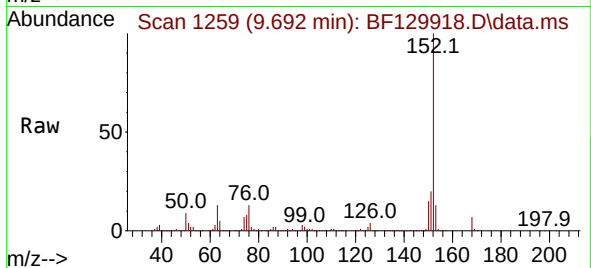
Tgt Ion:152 Resp: 1321461

Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

153 13.0 10.6 16.0



#50

Dimethylphthalate

Concen: 48.549 ng

RT: 9.551 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

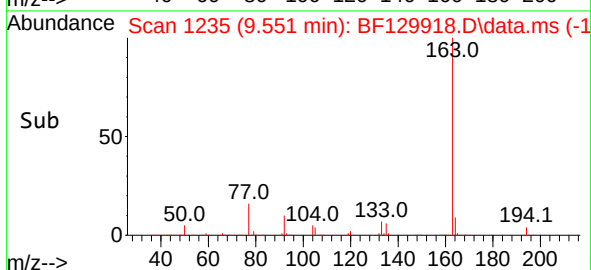
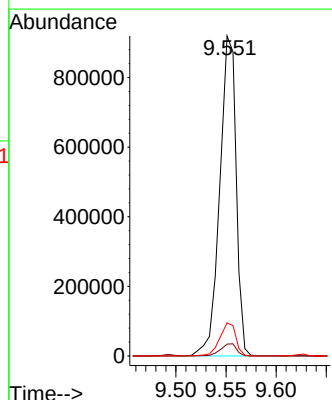
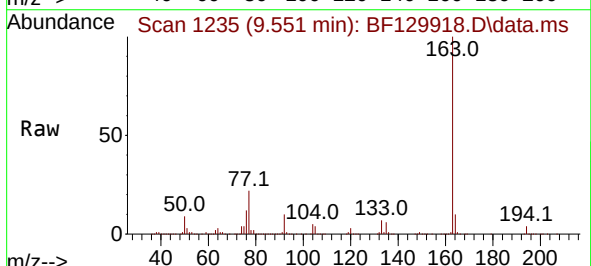
Tgt Ion:163 Resp: 1044470

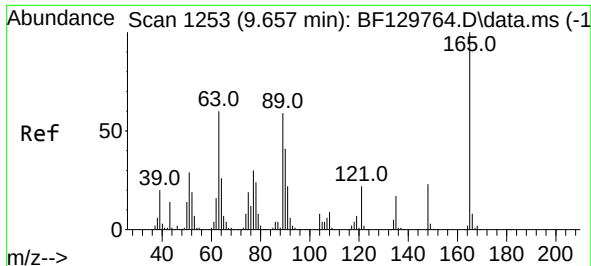
Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

164 10.4 8.2 12.2

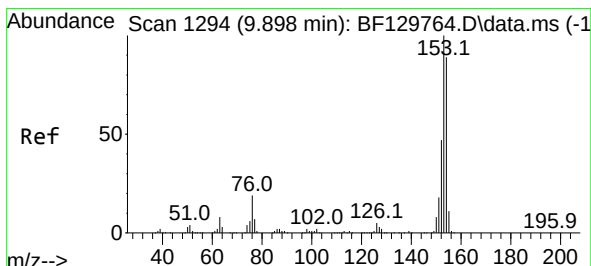
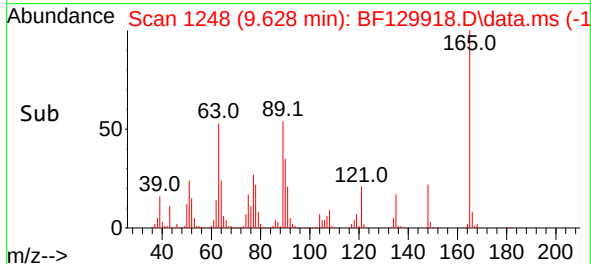
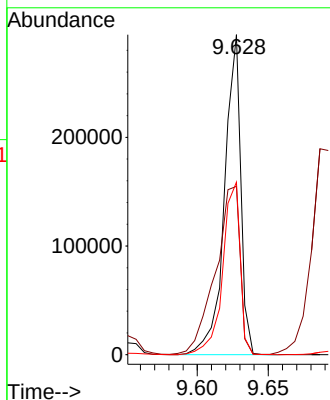
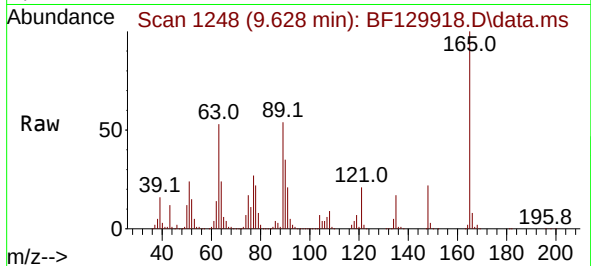




#51
2,6-Dinitrotoluene
Concen: 50.077 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

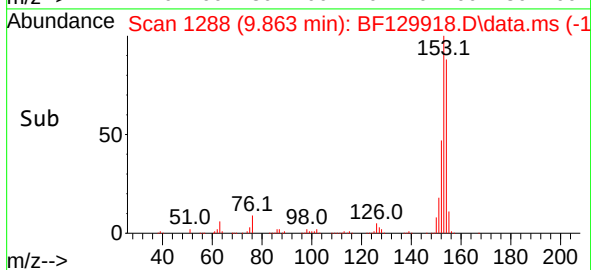
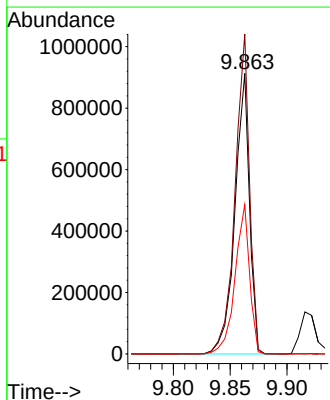
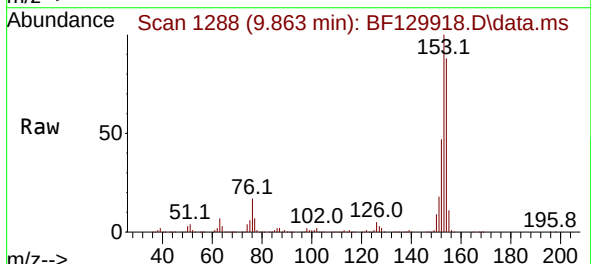
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

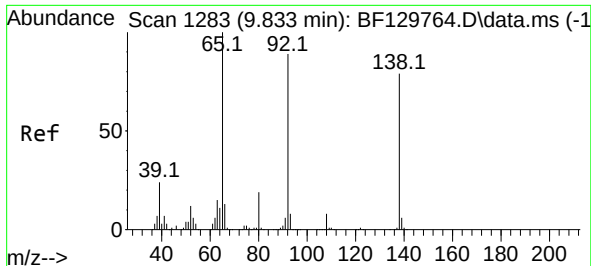
Tgt Ion:165 Resp: 233702
Ion Ratio Lower Upper
165 100
63 52.6 47.8 71.8
89 53.9 47.2 70.8



#52
Acenaphthene
Concen: 48.888 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion:154 Resp: 811372
Ion Ratio Lower Upper
154 100
153 114.1 89.8 134.6
152 53.2 42.1 63.1

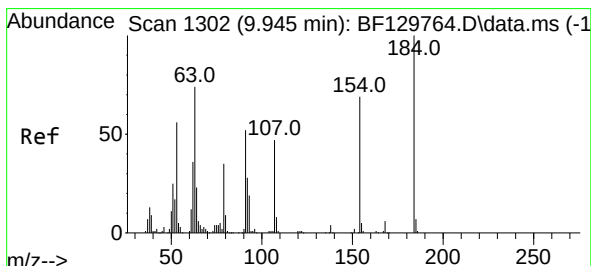
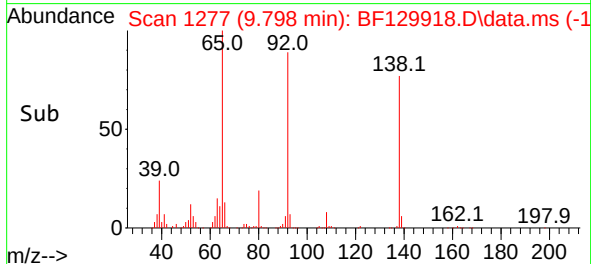
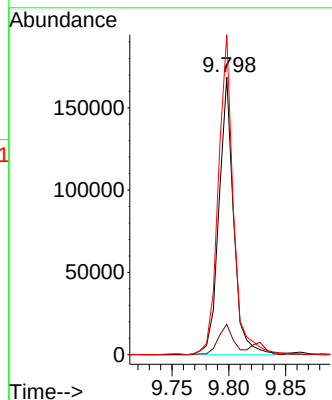
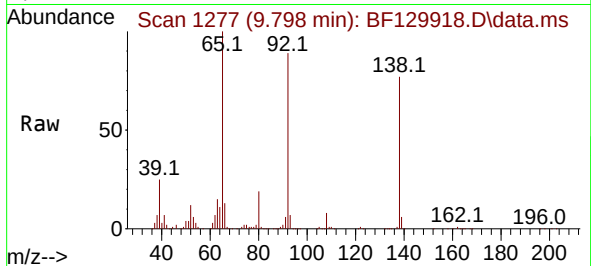




#53
3-Nitroaniline
Concen: 29.533 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

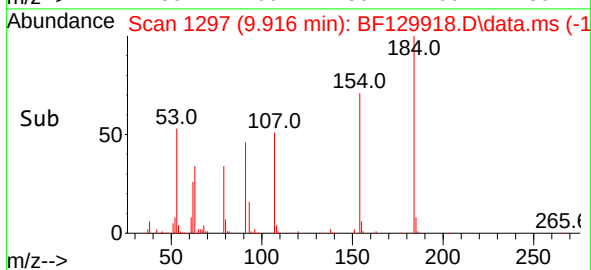
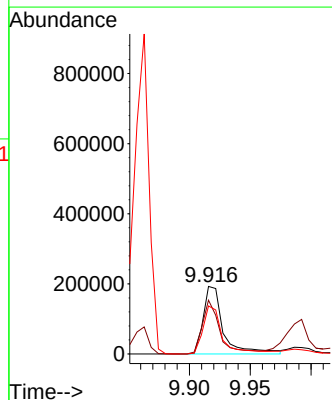
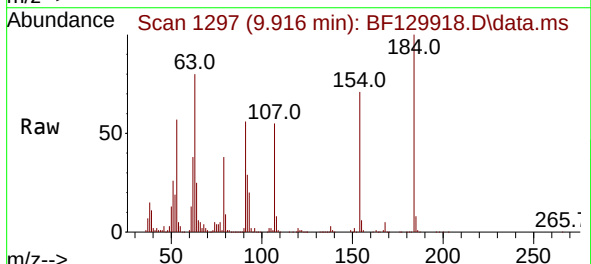
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

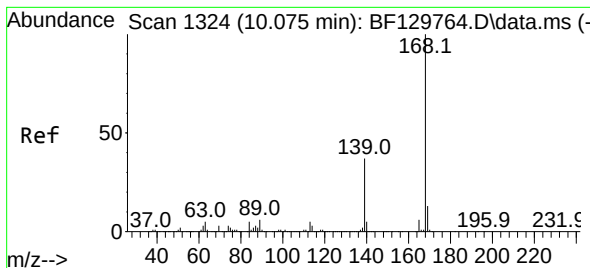
Tgt Ion:138 Resp: 152418
Ion Ratio Lower Upper
138 100
108 11.0 8.4 12.6
92 115.3 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 103.355 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion:184 Resp: 221695
Ion Ratio Lower Upper
184 100
63 79.7 59.6 89.4
154 71.1 55.3 82.9

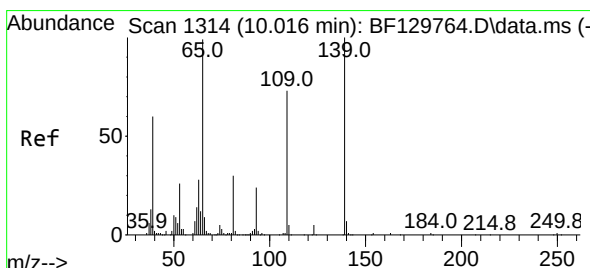
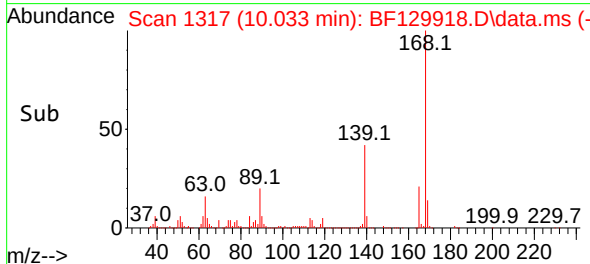
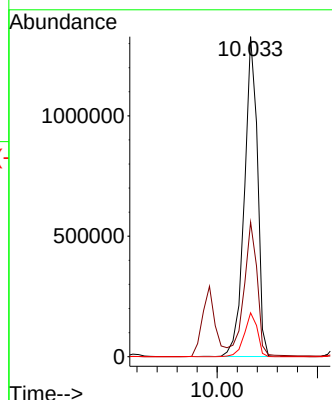
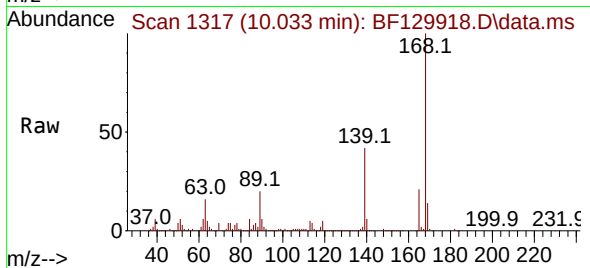




#55
Dibenzenofuran
Concen: 48.458 ng
RT: 10.033 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

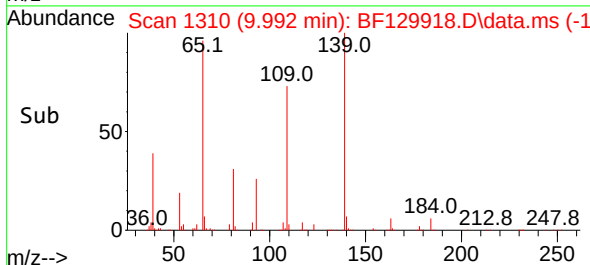
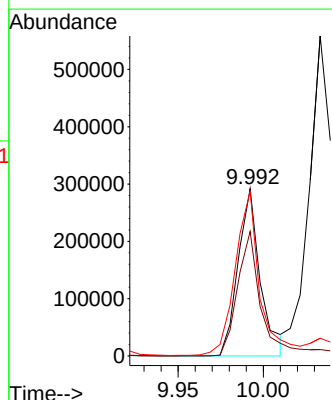
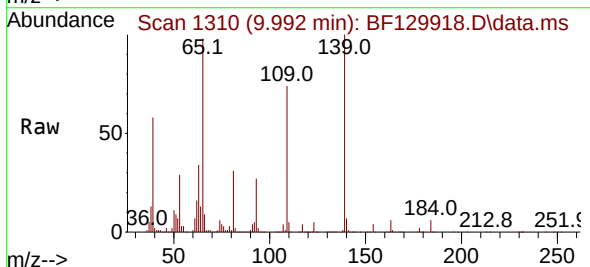
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

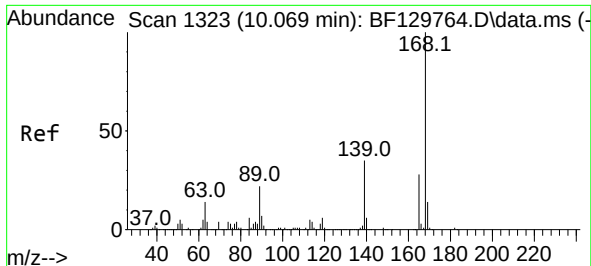
Tgt Ion:168 Resp: 1208243
Ion Ratio Lower Upper
168 100
139 42.0 31.3 46.9
169 13.7 10.7 16.1



#56
4-Nitrophenol
Concen: 115.343 ng
RT: 9.992 min Scan# 1310
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion:139 Resp: 264832
Ion Ratio Lower Upper
139 100
109 74.4 52.9 92.9
65 98.2 79.5 119.5

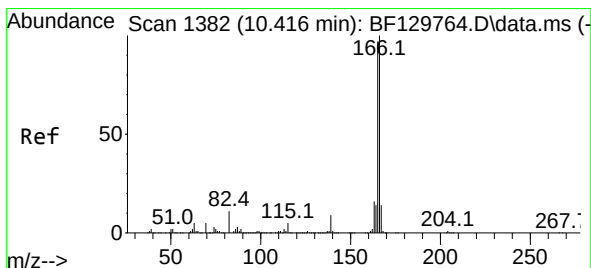
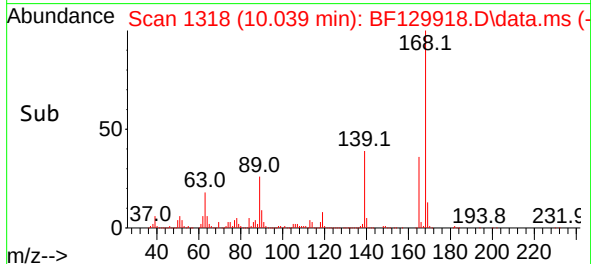
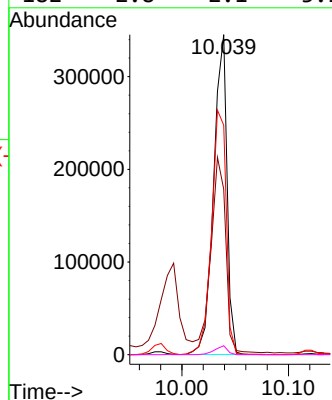
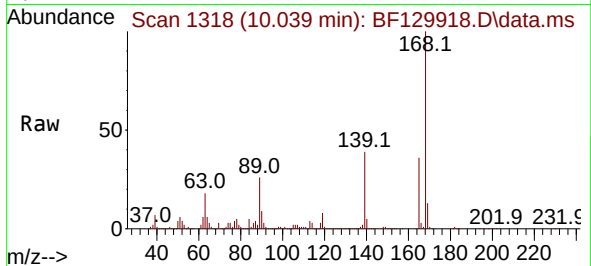




#57
2,4-Dinitrotoluene
Concen: 50.034 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

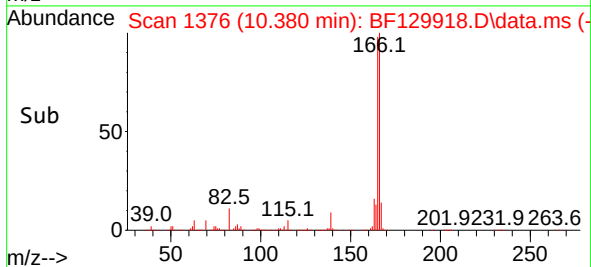
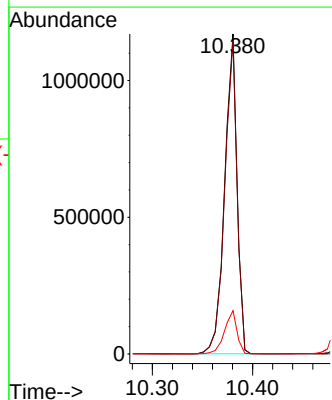
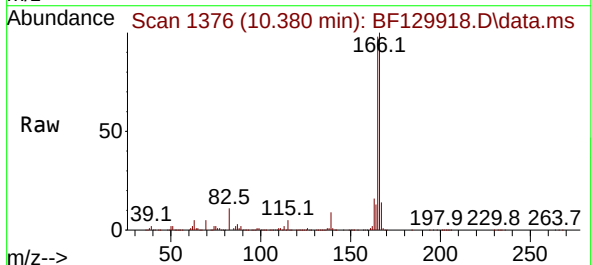
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

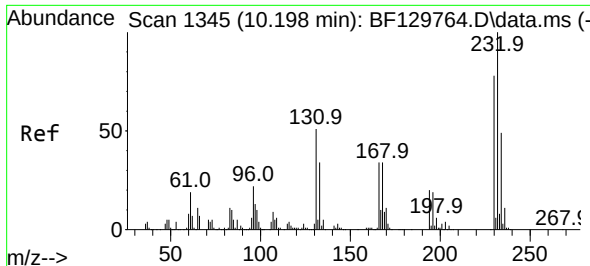
Tgt Ion:165 Resp: 303114
Ion Ratio Lower Upper
165 100
63 51.7 48.4 72.6
89 71.7 62.3 93.5
182 2.8 2.1 3.1



#58
Fluorene
Concen: 48.090 ng
RT: 10.380 min Scan# 1376
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

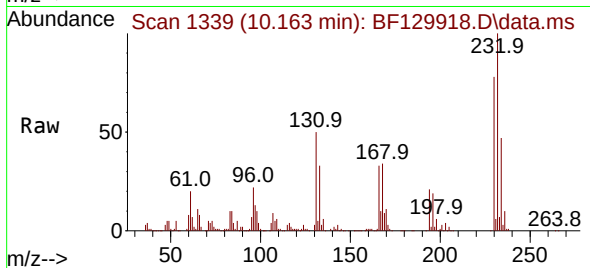
Tgt Ion:166 Resp: 1001165
Ion Ratio Lower Upper
166 100
165 97.8 77.9 116.9
167 13.5 11.0 16.4



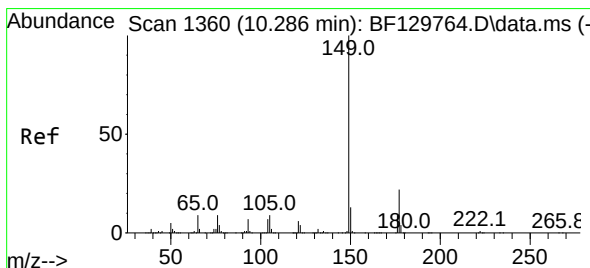
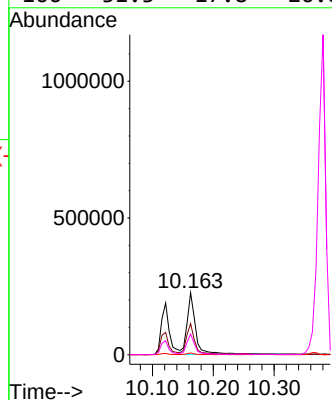
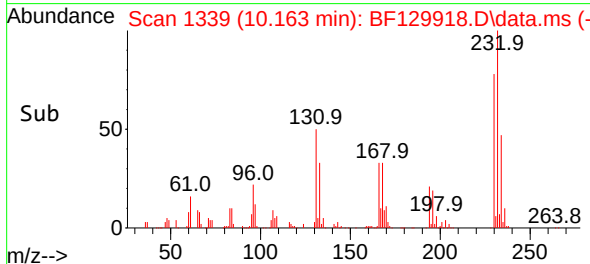


#59
2,3,4,6-Tetrachlorophenol
Concen: 51.453 ng
RT: 10.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

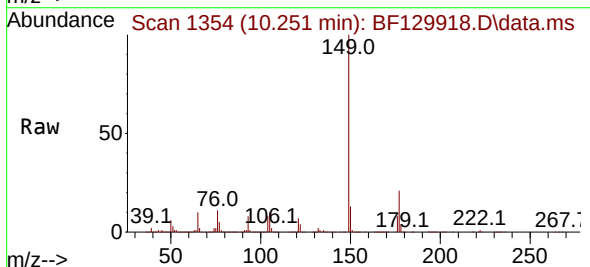
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD



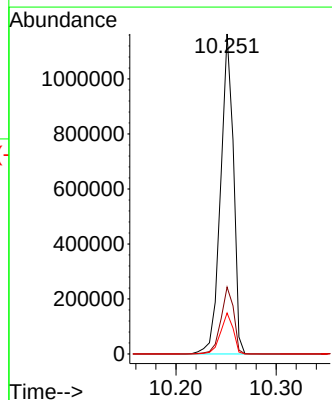
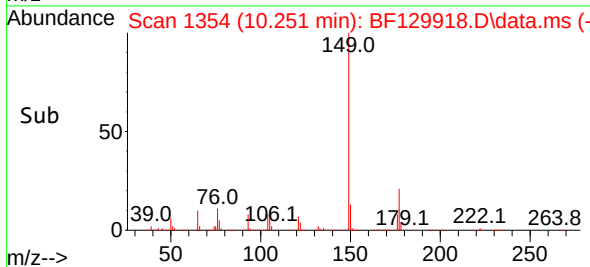
Tgt Ion:232 Resp: 220316
Ion Ratio Lower Upper
232 100
131 46.5 29.9 44.9#
130 2.6 1.5 2.3#
166 31.3 17.8 26.8#

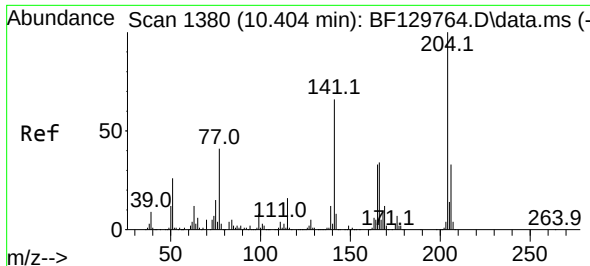


#60
Diethylphthalate
Concen: 48.012 ng
RT: 10.251 min Scan# 1354
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51



Tgt Ion:149 Resp: 1029926
Ion Ratio Lower Upper
149 100
177 20.9 17.7 26.5
150 12.8 10.1 15.1

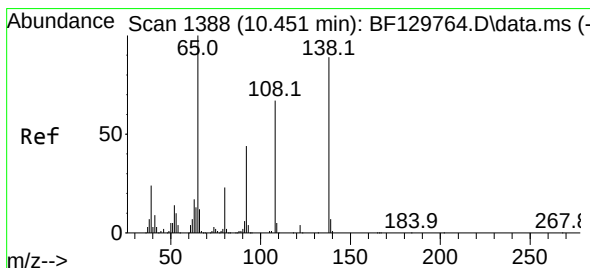
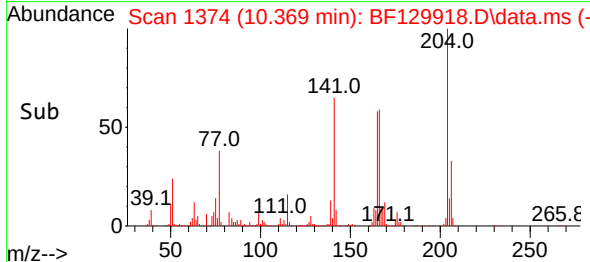
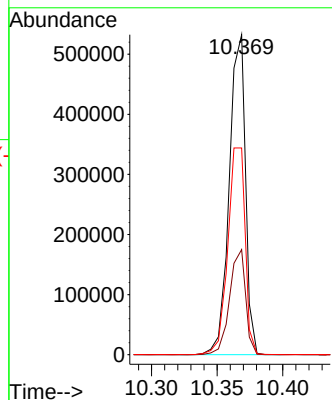
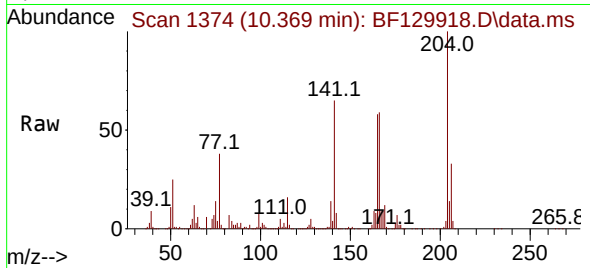




#61
4-Chlorophenyl-phenylether
Concen: 49.117 ng
RT: 10.369 min Scan# 1374
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

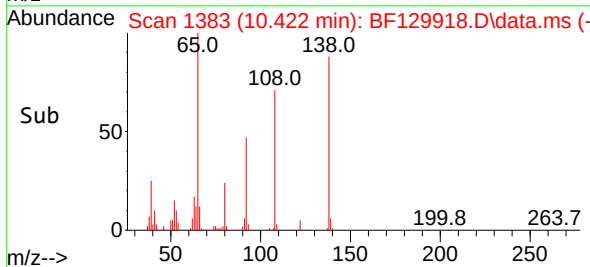
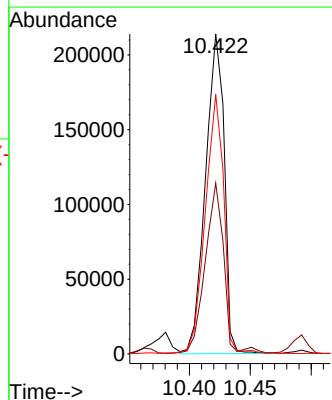
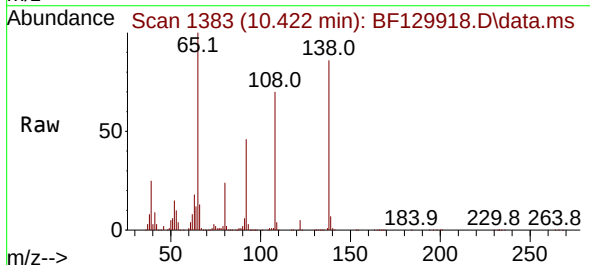
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

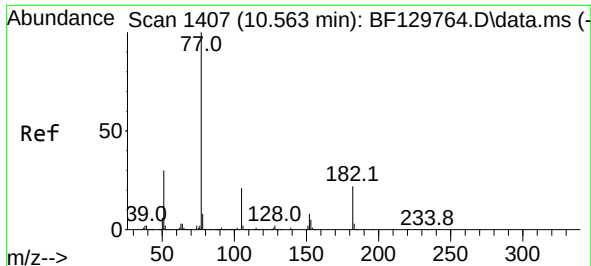
Tgt Ion:204 Resp: 458888
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 64.6 52.6 79.0



#62
4-Nitroaniline
Concen: 43.869 ng
RT: 10.422 min Scan# 1383
Delta R.T. 0.012 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion:138 Resp: 228412
Ion Ratio Lower Upper
138 100
92 53.4 30.3 70.3
108 81.1 55.7 95.7

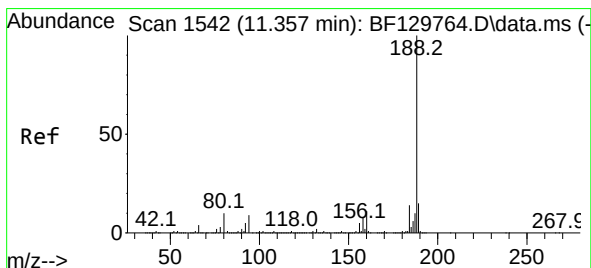
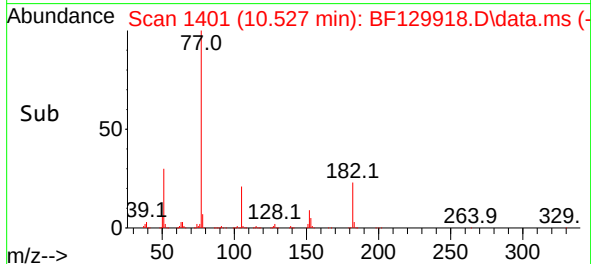
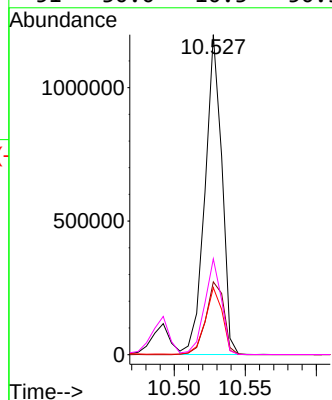
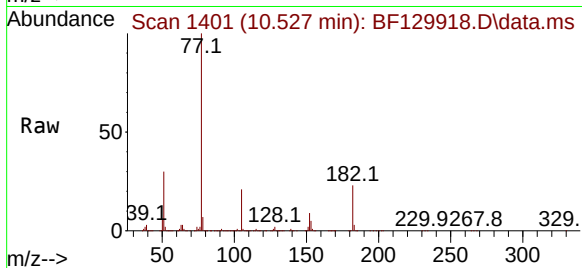




#63
Azobenzene
Concen: 48.205 ng
RT: 10.527 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

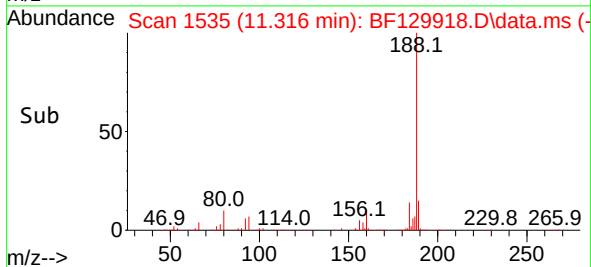
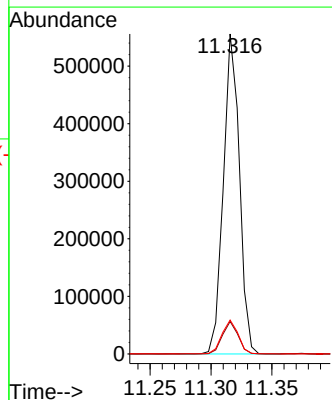
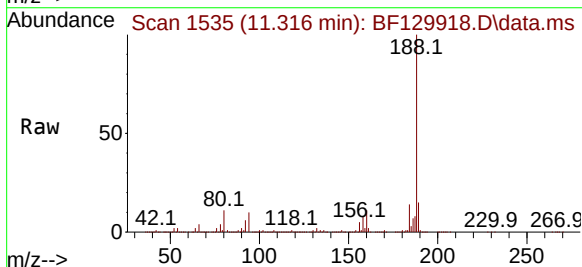
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

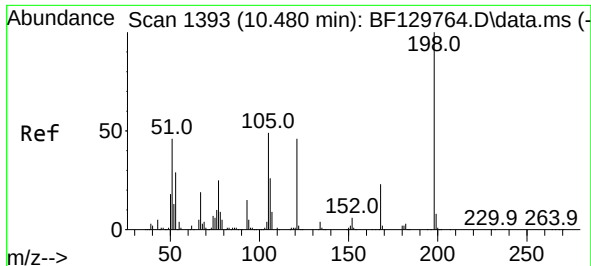
Tgt Ion: 77	Resp: 988424
Ion Ratio	Lower Upper
77 100	
182 22.8	2.2 42.2
105 21.0	0.8 40.8
51 30.0	10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion:188	Resp: 510648		
Ion Ratio	Lower	Upper	
188 100			
94 10.1	7.4	11.2	
80 10.6	7.9	11.9	

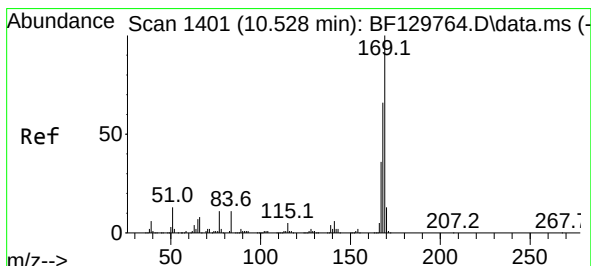
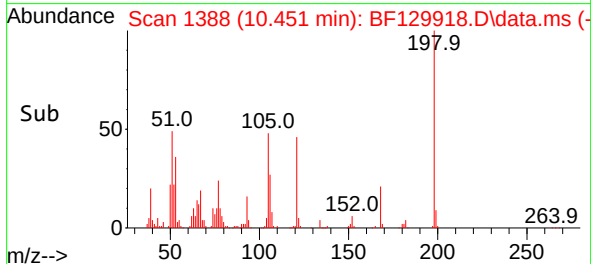
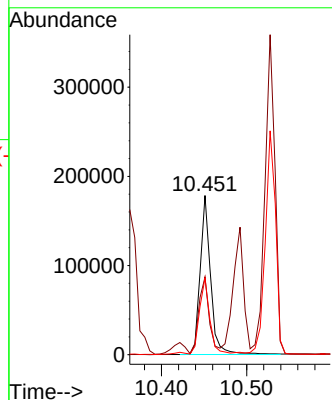
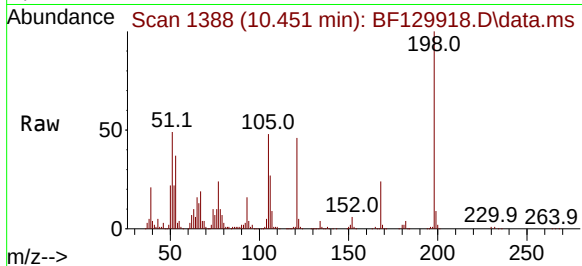




#65
4,6-Dinitro-2-methylphenol
Concen: 50.771 ng
RT: 10.451 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

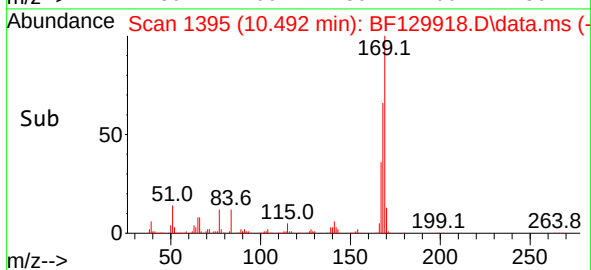
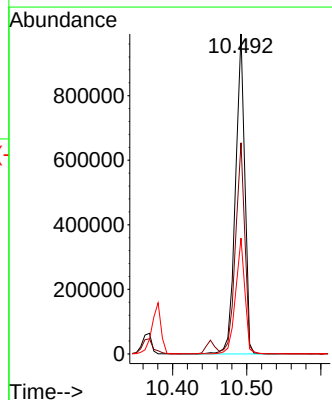
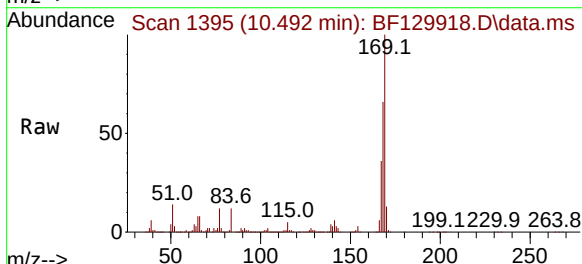
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

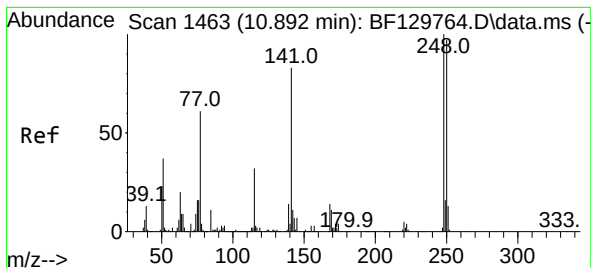
Tgt Ion:198 Resp: 152200
Ion Ratio Lower Upper
198 100
51 48.8 29.4 69.4
105 48.2 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 50.174 ng
RT: 10.492 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion:169 Resp: 864771
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.2
167 36.2 29.1 43.7

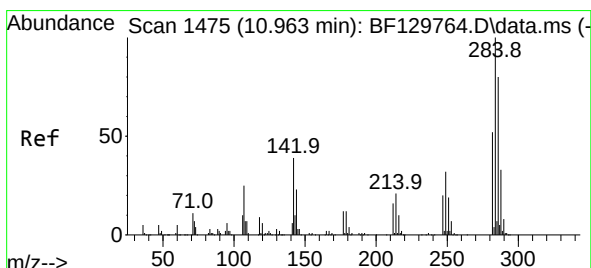
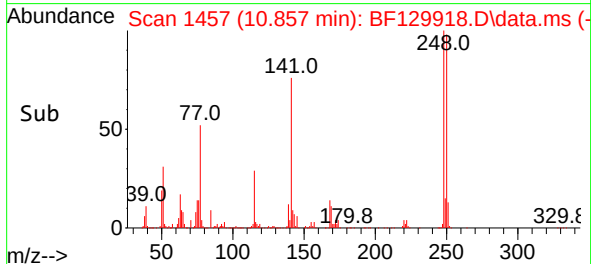
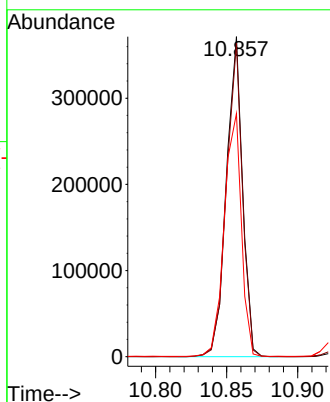
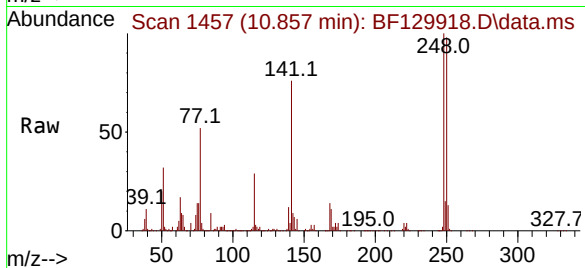




#67
4-Bromophenyl-phenylether
Concen: 49.166 ng
RT: 10.857 min Scan# 1463
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

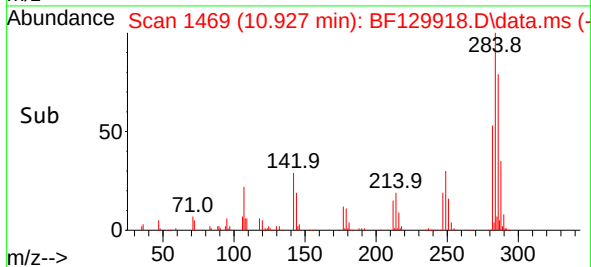
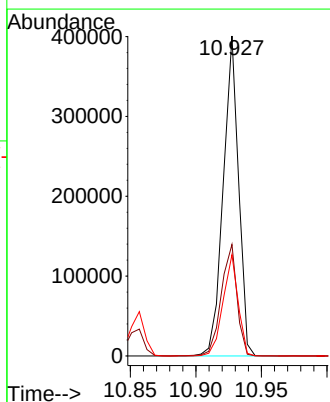
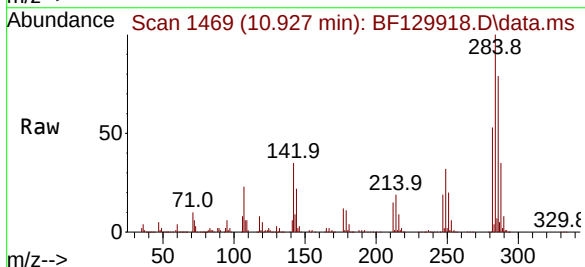
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

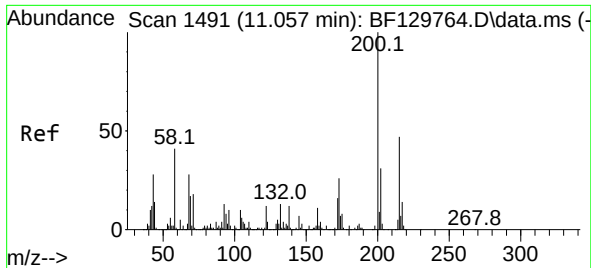
Tgt Ion:248 Resp: 294060
Ion Ratio Lower Upper
248 100
250 98.0 77.8 116.6
141 75.9 66.2 99.2



#68
Hexachlorobenzene
Concen: 50.202 ng
RT: 10.927 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion:284 Resp: 325248
Ion Ratio Lower Upper
284 100
142 34.8 31.4 47.0
249 31.6 25.7 38.5

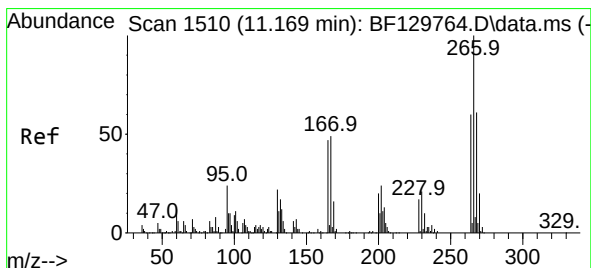
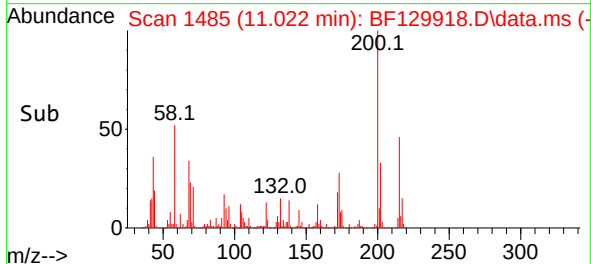
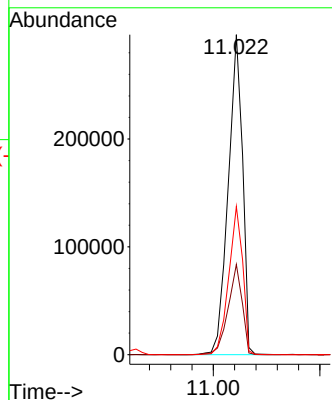
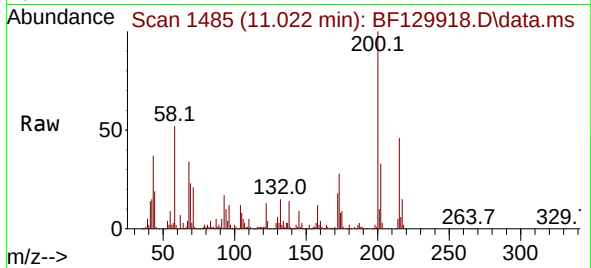




#69
 Atrazine
 Concen: 52.289 ng
 RT: 11.022 min Scan# 1491
 Delta R.T. 0.006 min
 Lab File: BF129918.D
 Acq: 19 Aug 2022 19:51

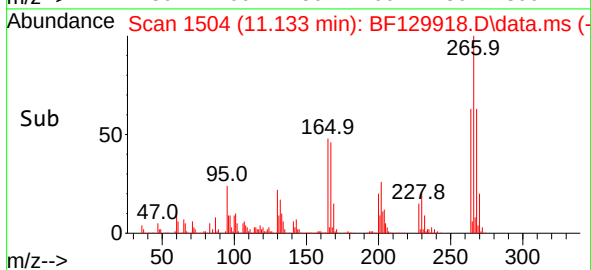
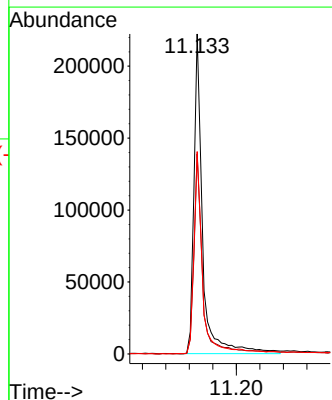
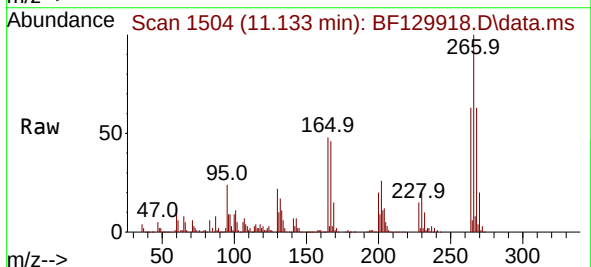
Instrument :
 BNA_F
 ClientSampleId :
 TP3-0815MSD

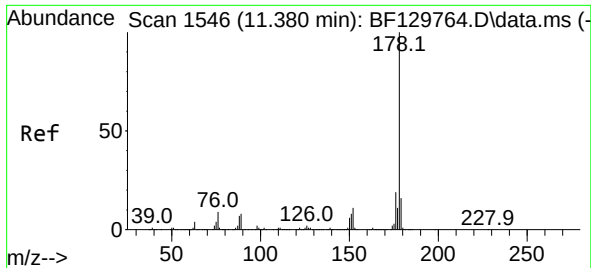
Tgt Ion:200 Resp: 276606
 Ion Ratio Lower Upper
 200 100
 173 28.2 6.4 46.4
 215 46.3 27.1 67.1



#70
 Pentachlorophenol
 Concen: 115.716 ng
 RT: 11.133 min Scan# 1504
 Delta R.T. -0.000 min
 Lab File: BF129918.D
 Acq: 19 Aug 2022 19:51

Tgt Ion:266 Resp: 229530
 Ion Ratio Lower Upper
 266 100
 268 62.5 49.0 73.4
 264 63.3 47.9 71.9

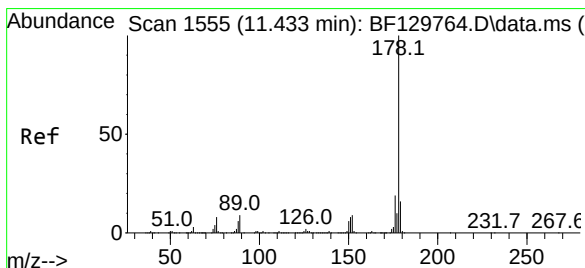
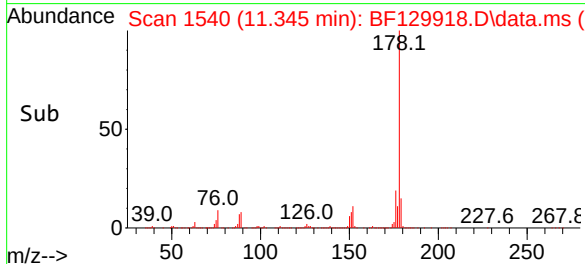
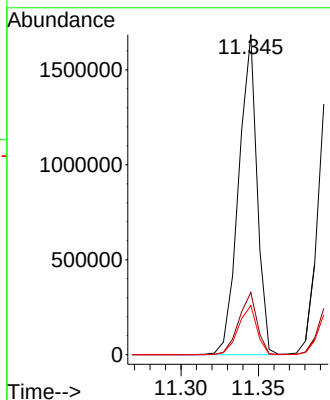
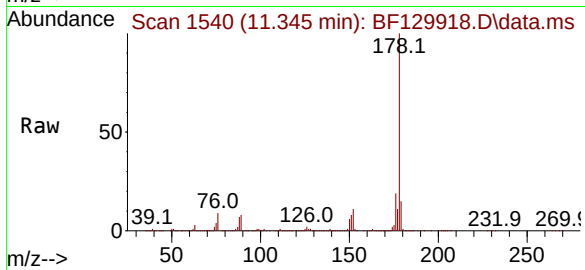




#71
 Phenanthrene
 Concen: 48.800 ng
 RT: 11.345 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF129918.D
 Acq: 19 Aug 2022 19:51

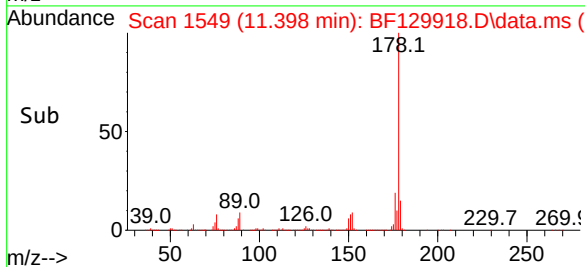
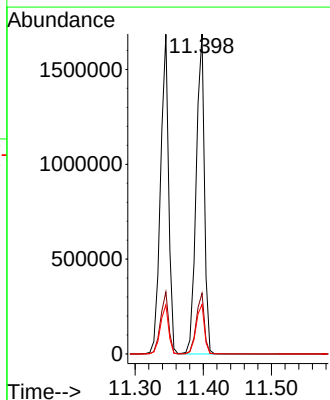
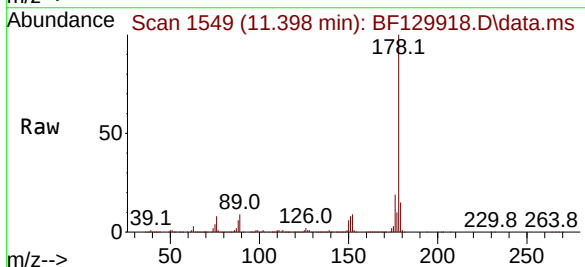
Instrument :
 BNA_F
 ClientSampleId :
 TP3-0815MSD

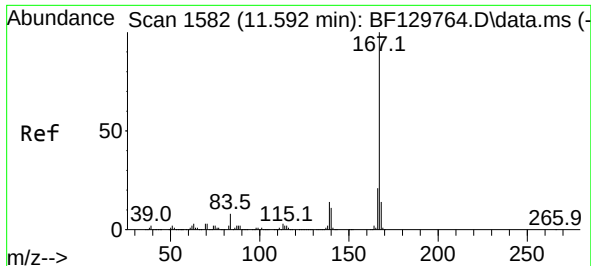
Tgt Ion:178 Resp: 1391743
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 15.4 12.5 18.7



#72
 Anthracene
 Concen: 49.829 ng
 RT: 11.398 min Scan# 1549
 Delta R.T. 0.006 min
 Lab File: BF129918.D
 Acq: 19 Aug 2022 19:51

Tgt Ion:178 Resp: 1413212
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.1 22.7
 179 15.5 12.6 18.8

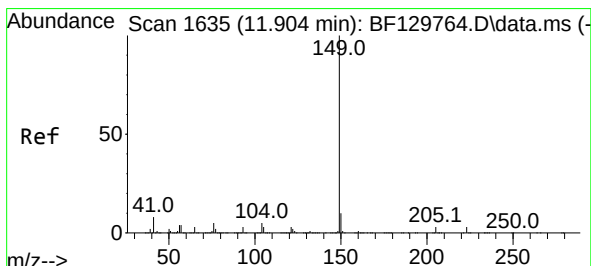
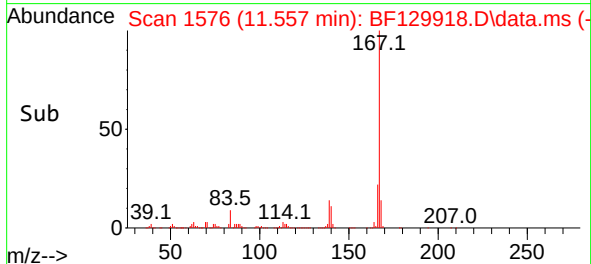
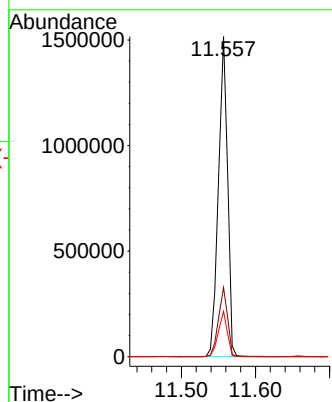
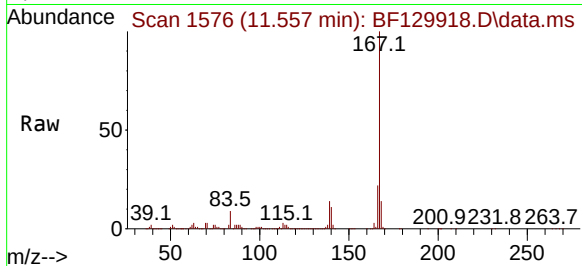




#73
 Carbazole
 Concen: 50.336 ng
 RT: 11.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF129918.D
 Acq: 19 Aug 2022 19:51

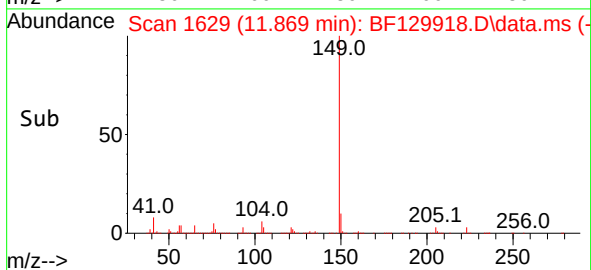
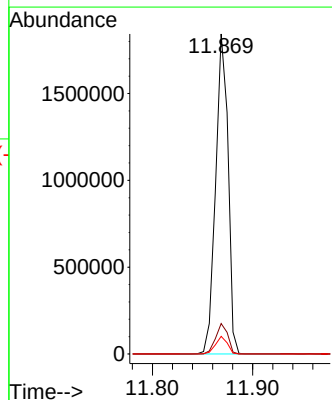
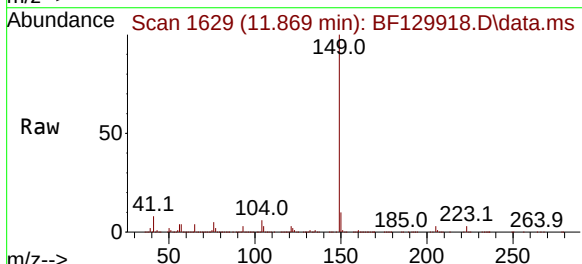
Instrument :
 BNA_F
 ClientSampleId :
 TP3-0815MSD

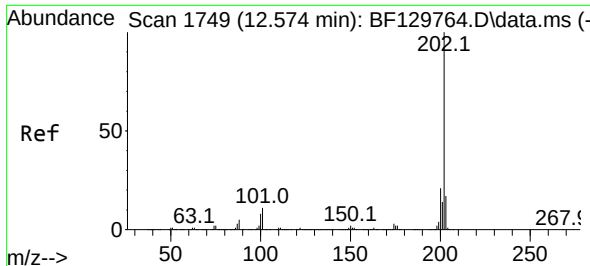
Tgt Ion:167 Resp: 1295903
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 14.1 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 47.777 ng
 RT: 11.869 min Scan# 1629
 Delta R.T. -0.000 min
 Lab File: BF129918.D
 Acq: 19 Aug 2022 19:51

Tgt Ion:149 Resp: 1583070
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 5.5 4.2 6.4

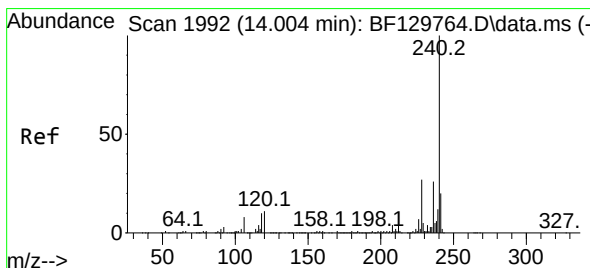
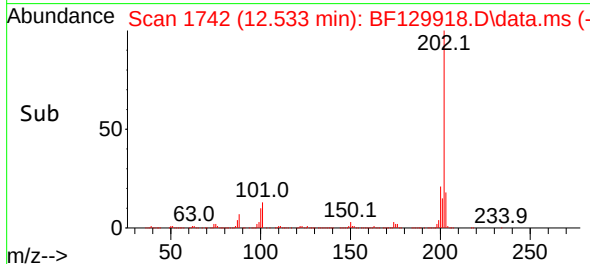
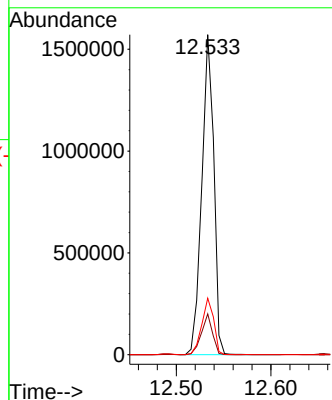
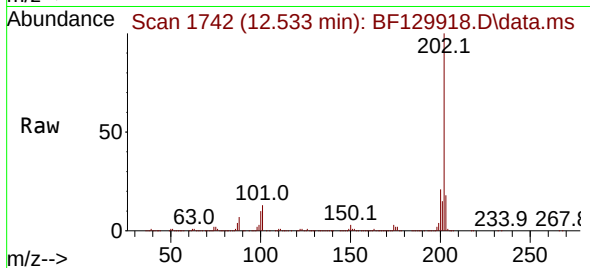




#75
Fluoranthene
Concen: 47.498 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

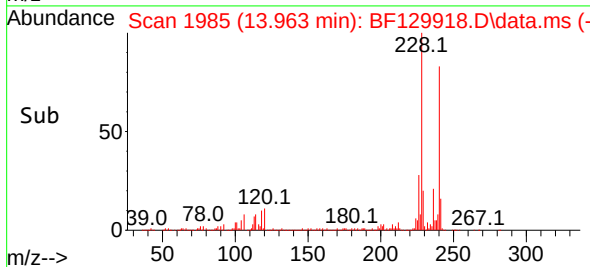
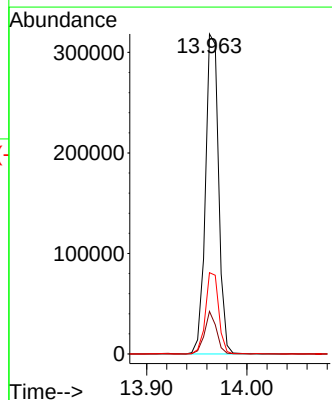
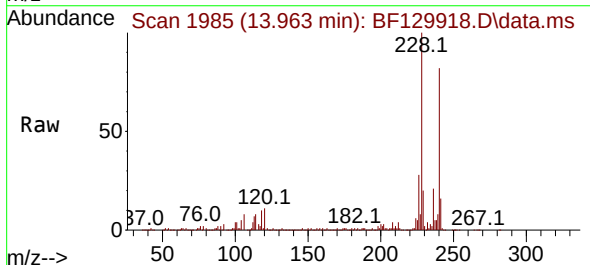
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

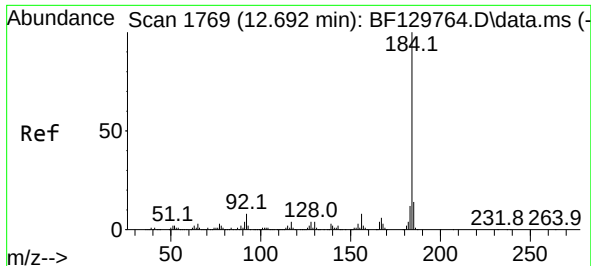
Tgt Ion:202 Resp: 1386175
Ion Ratio Lower Upper
202 100
101 12.7 0.0 30.7
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion:240 Resp: 292236
Ion Ratio Lower Upper
240 100
120 13.3 9.2 13.8
236 25.4 20.7 31.1

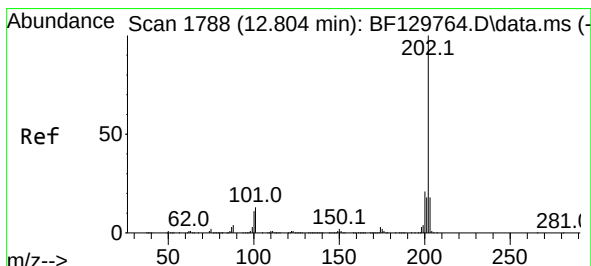
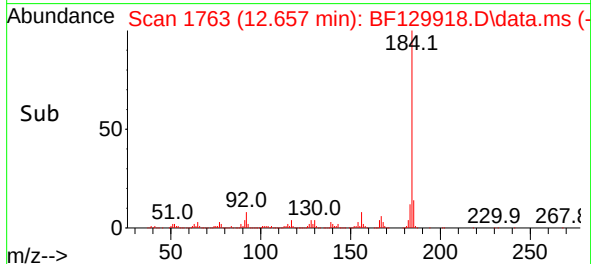
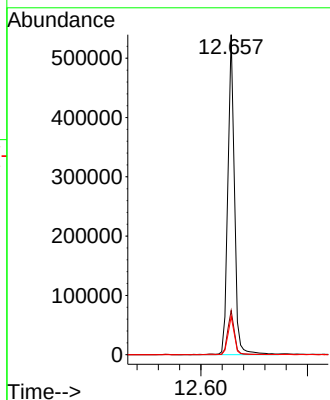
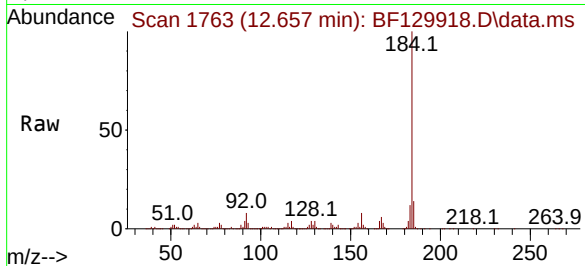




#77
Benzidine
Concen: 69.543 ng
RT: 12.657 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

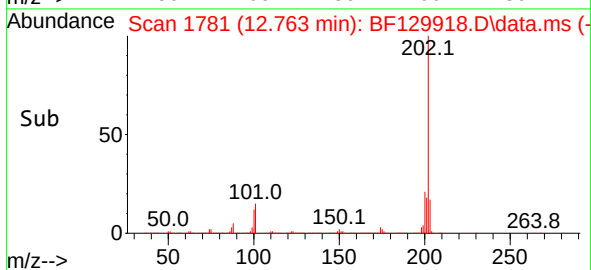
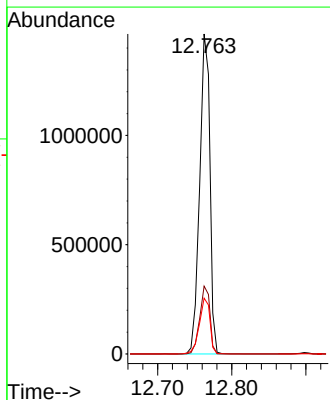
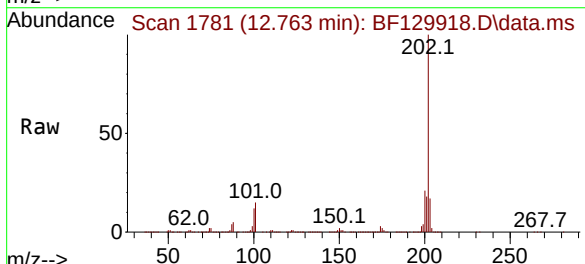
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

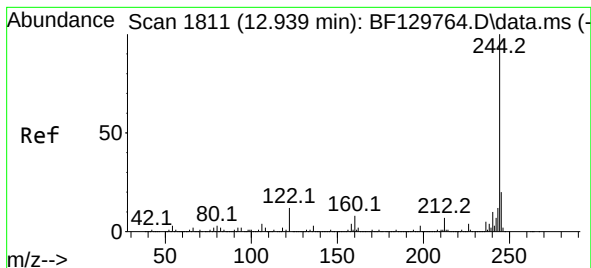
Tgt Ion:184 Resp: 467298
Ion Ratio Lower Upper
184 100
185 13.8 11.4 17.2
183 12.0 9.4 14.2



#78
Pyrene
Concen: 55.184 ng
RT: 12.763 min Scan# 1781
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion:202 Resp: 1401406
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 81.972 ng

RT: 12.898 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

Instrument :

BNA_F

ClientSampleId :

TP3-0815MSD

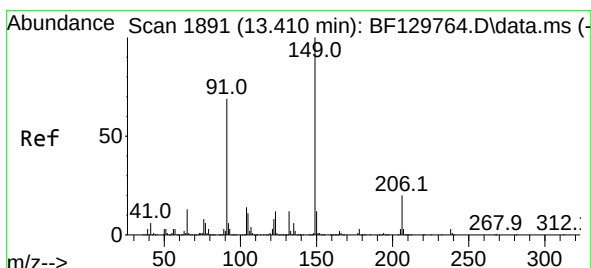
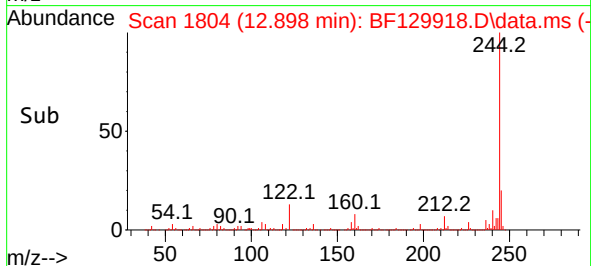
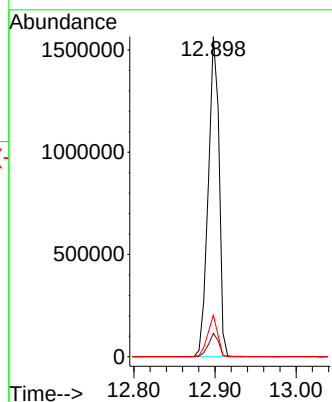
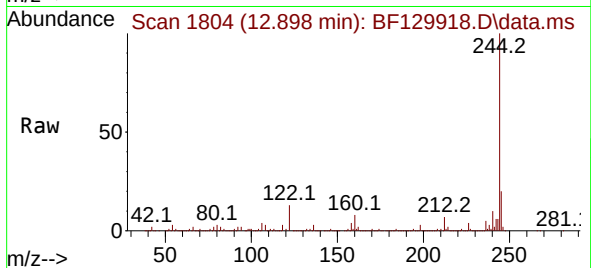
Tgt Ion:244 Resp: 1439666

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 13.0 9.9 14.9



#80

Butylbenzylphthalate

Concen: 53.080 ng

RT: 13.368 min Scan# 1884

Delta R.T. -0.000 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

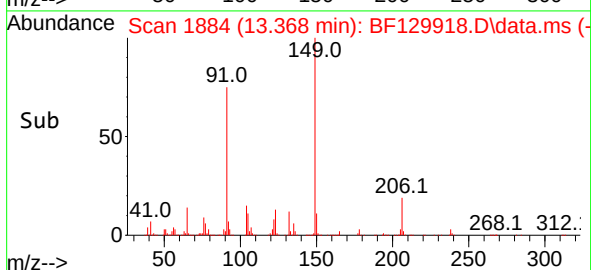
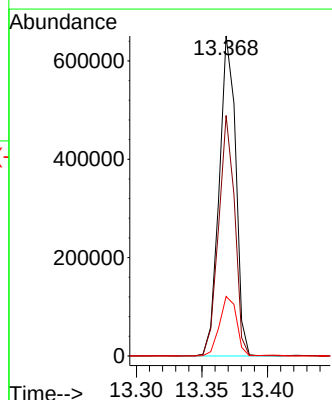
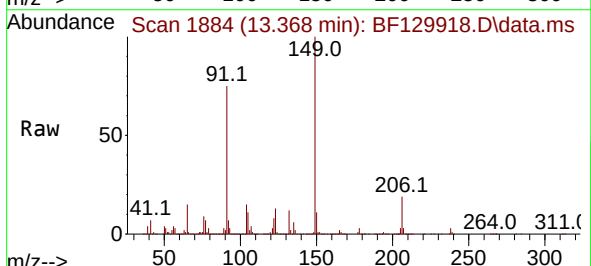
Tgt Ion:149 Resp: 570384

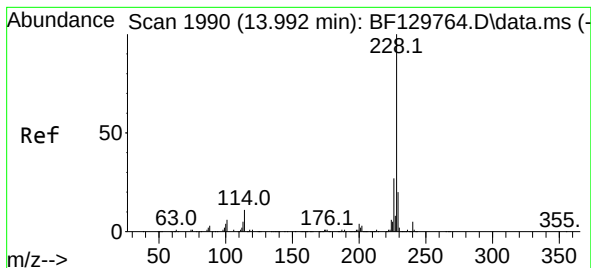
Ion Ratio Lower Upper

149 100

91 75.2 55.4 83.0

206 18.6 15.8 23.6





#81

Benzo(a)anthracene

Concen: 49.431 ng

RT: 13.957 min Scan# 1984

Delta R.T. 0.006 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

Instrument :

BNA_F

ClientSampleId :

TP3-0815MSD

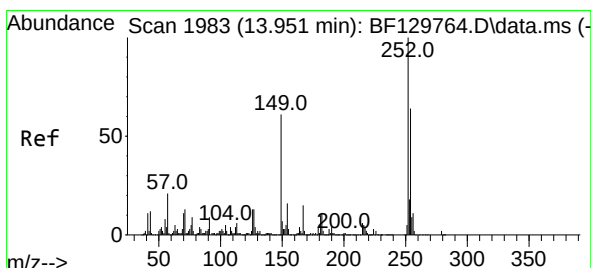
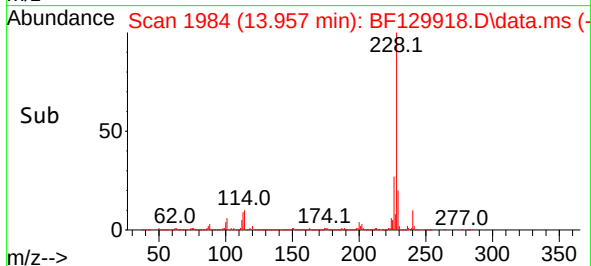
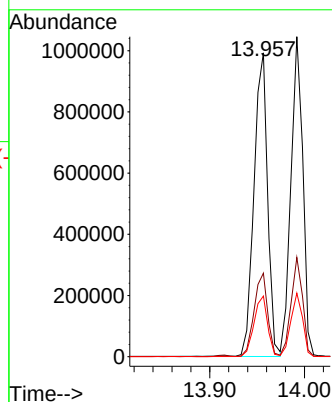
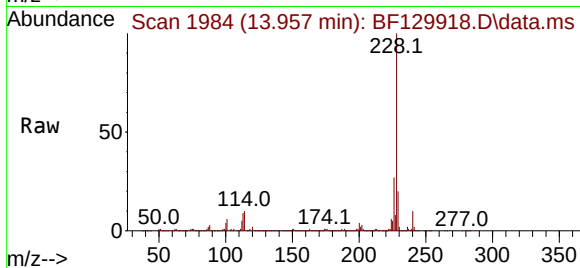
Tgt Ion:228 Resp: 993727

Ion Ratio Lower Upper

228 100

226 27.5 21.4 32.0

229 20.0 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 35.554 ng

RT: 13.915 min Scan# 1977

Delta R.T. 0.006 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

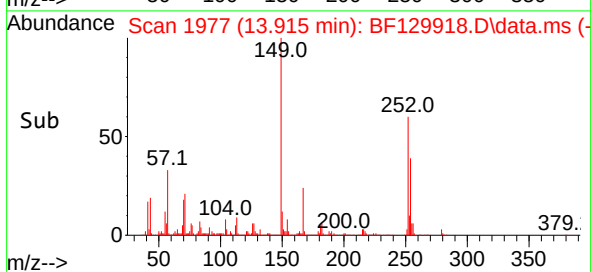
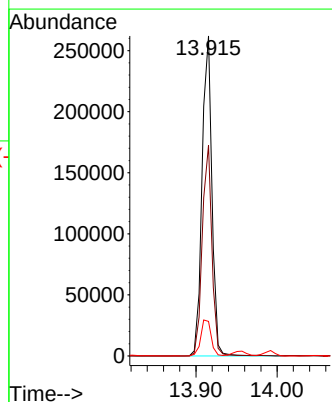
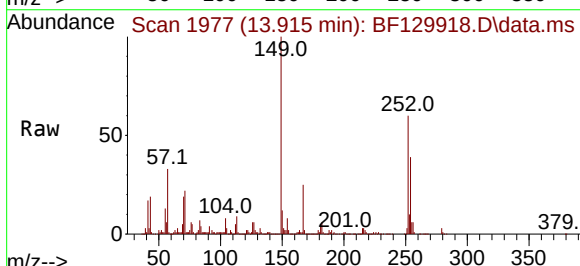
Tgt Ion:252 Resp: 221360

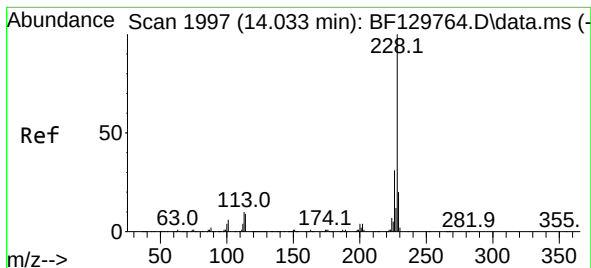
Ion Ratio Lower Upper

252 100

254 65.9 51.4 77.2

126 10.8 10.2 15.4





#83

Chrysene

Concen: 48.564 ng

RT: 13.992 min Scan# 1997

Delta R.T. -0.000 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

Instrument :

BNA_F

ClientSampleId :

TP3-0815MSD

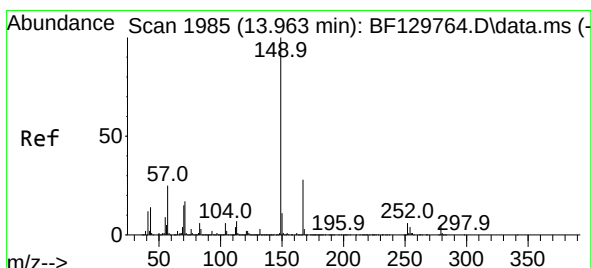
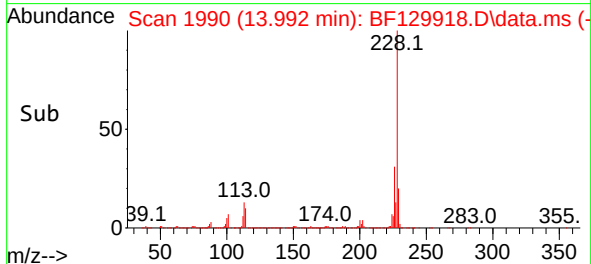
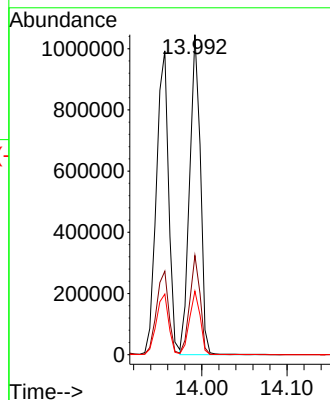
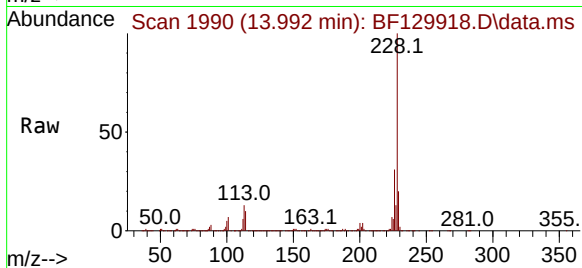
Tgt Ion:228 Resp: 913886

Ion Ratio Lower Upper

228 100

226 31.0 24.4 36.6

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.060 ng

RT: 13.921 min Scan# 1978

Delta R.T. -0.000 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

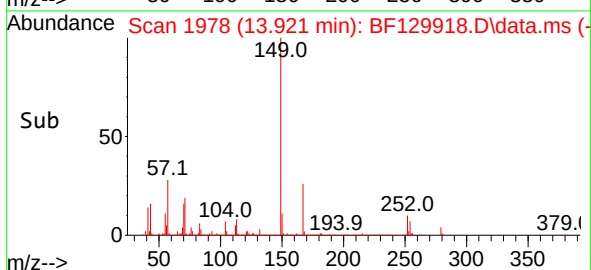
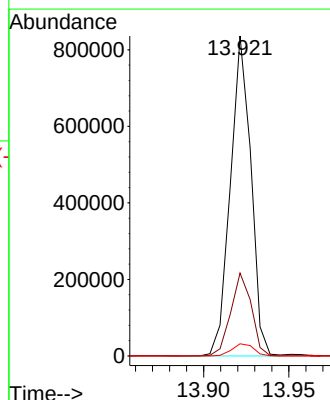
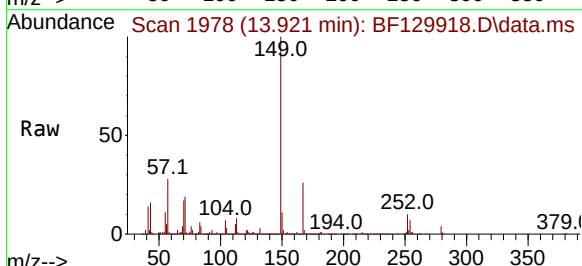
Tgt Ion:149 Resp: 701948

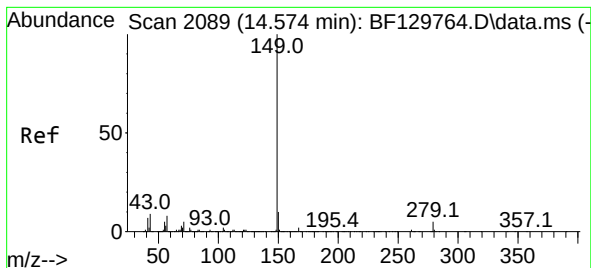
Ion Ratio Lower Upper

149 100

167 25.9 22.0 33.0

279 3.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 52.074 ng

RT: 14.533 min Scan# 2082

Delta R.T. -0.000 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

Instrument :

BNA_F

ClientSampleId :

TP3-0815MSD

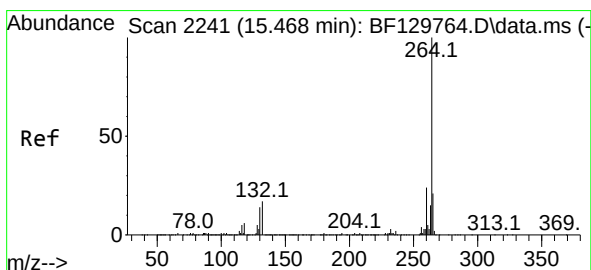
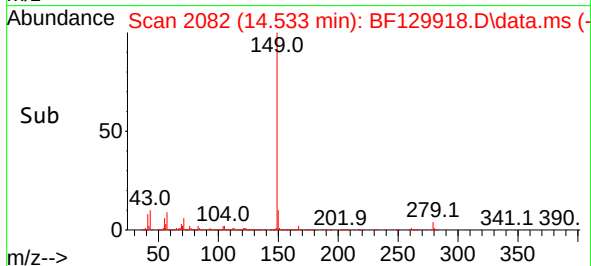
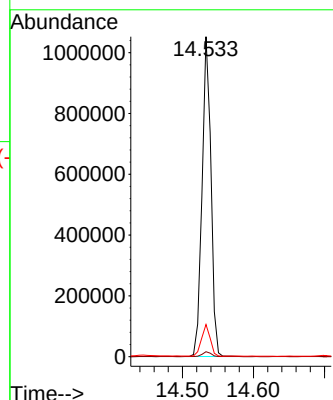
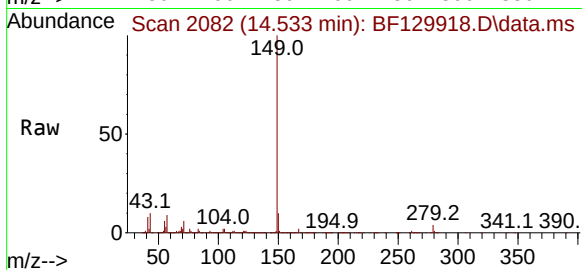
Tgt Ion:149 Resp: 916461

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.9 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2233

Delta R.T. 0.006 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

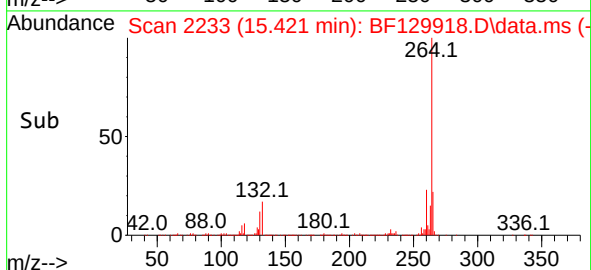
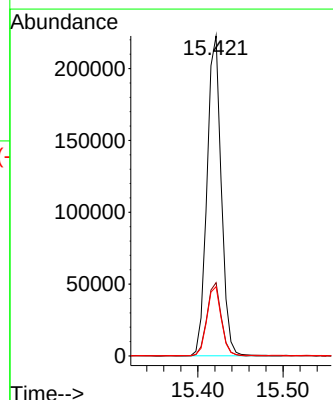
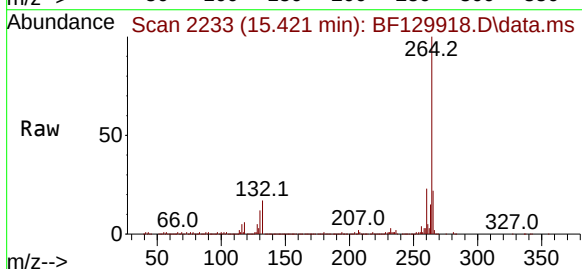
Tgt Ion:264 Resp: 258147

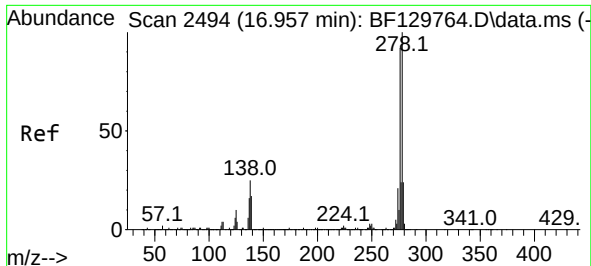
Ion Ratio Lower Upper

264 100

260 22.9 19.1 28.7

265 21.6 16.7 25.1

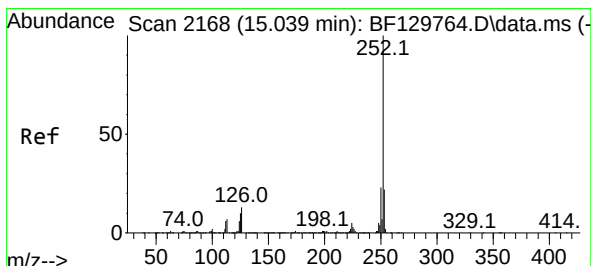
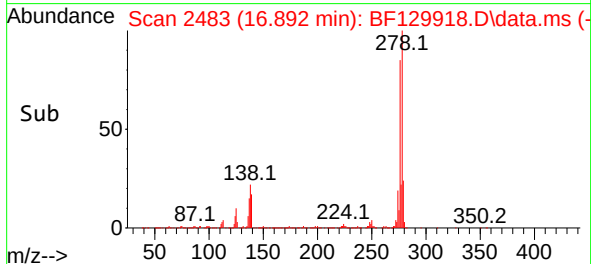
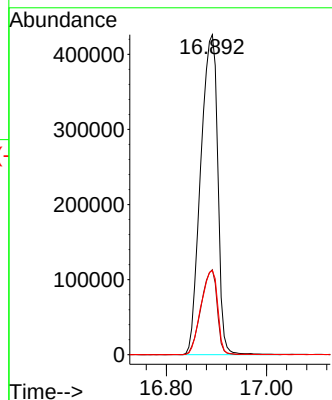
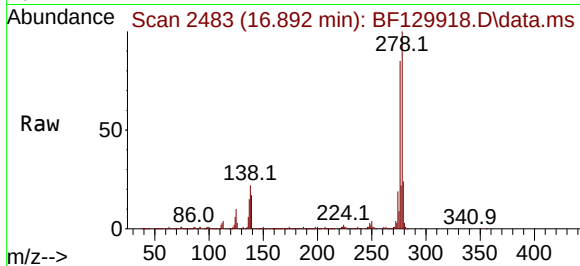




#87
Indeno(1,2,3-cd)pyrene
Concen: 56.754 ng
RT: 16.892 min Scan# 2494
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

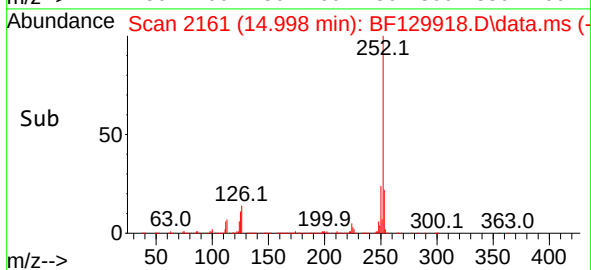
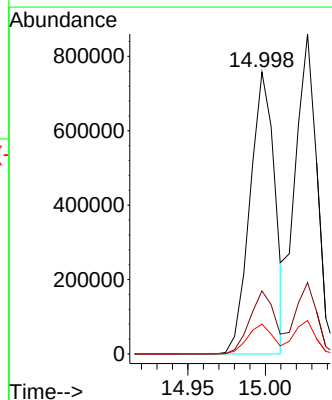
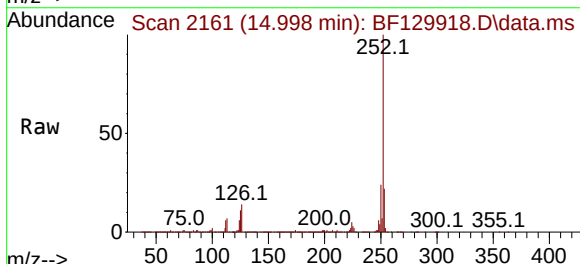
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

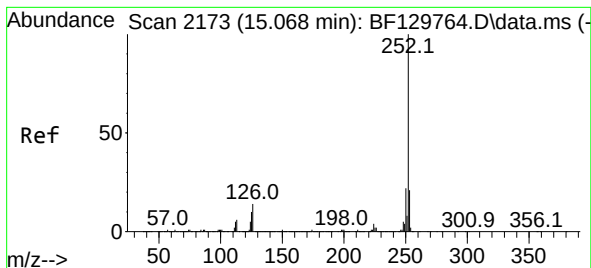
Tgt Ion:276 Resp: 1005795
Ion Ratio Lower Upper
276 100
138 25.0 19.8 29.8
277 25.6 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 47.847 ng
RT: 14.998 min Scan# 2161
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion:252 Resp: 845782
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 10.6 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 49.505 ng

RT: 15.027 min Scan# 2173

Delta R.T. 0.006 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

Instrument :

BNA_F

ClientSampleId :

TP3-0815MSD

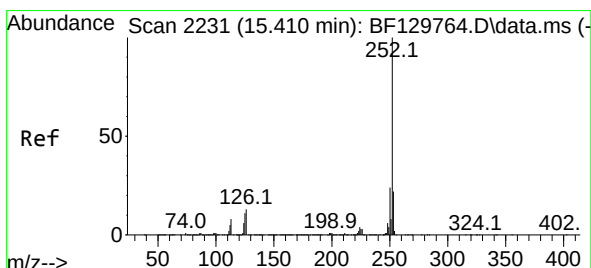
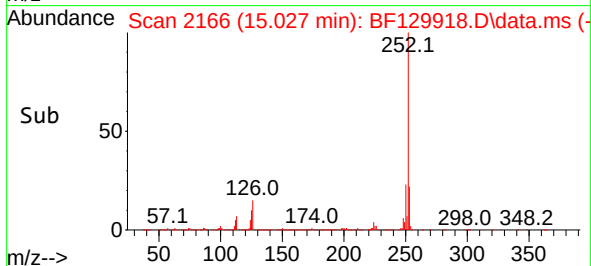
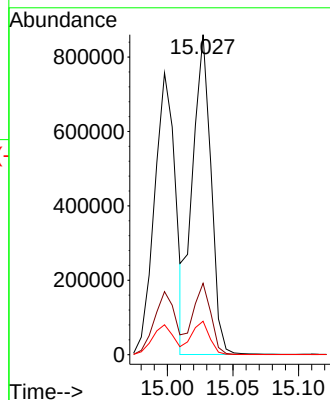
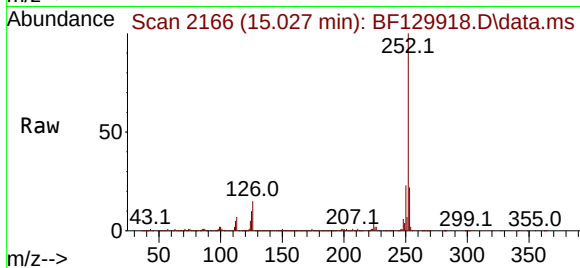
Tgt Ion:252 Resp: 839219

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

125 10.4 8.3 12.5



#90

Benzo(a)pyrene

Concen: 54.652 ng

RT: 15.362 min Scan# 2223

Delta R.T. 0.006 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

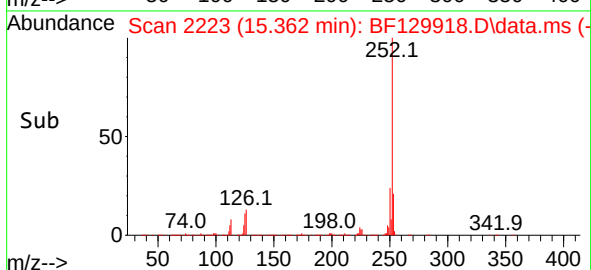
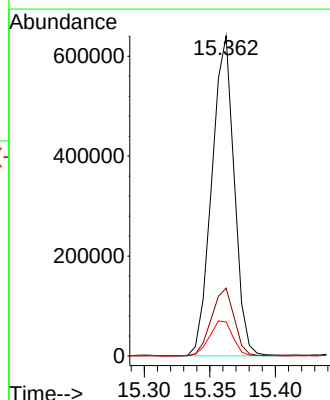
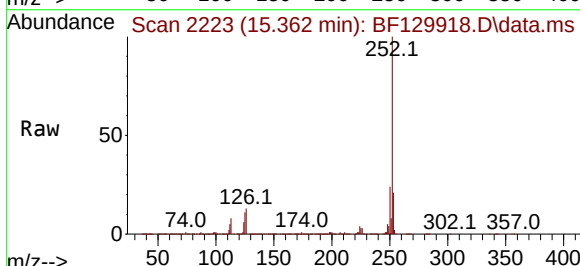
Tgt Ion:252 Resp: 760777

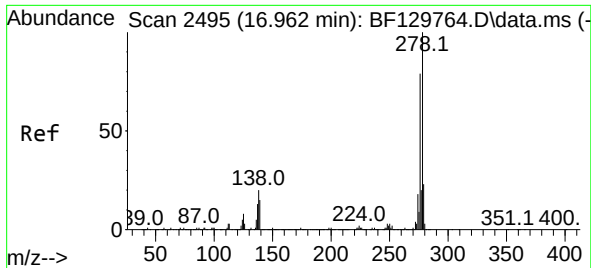
Ion Ratio Lower Upper

252 100

253 21.2 17.2 25.8

125 10.6 8.8 13.2

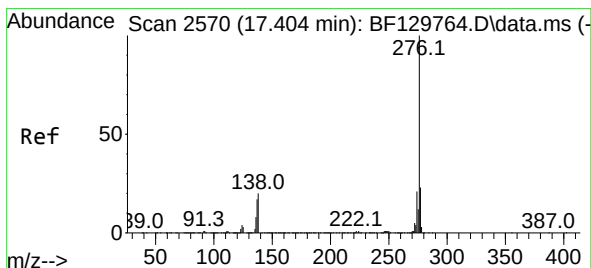
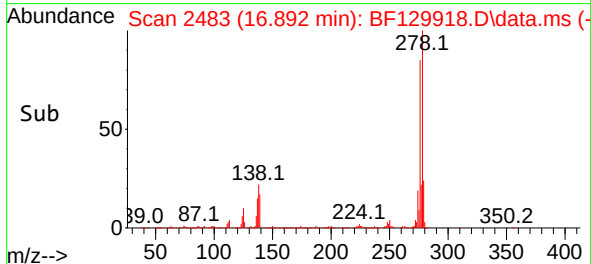
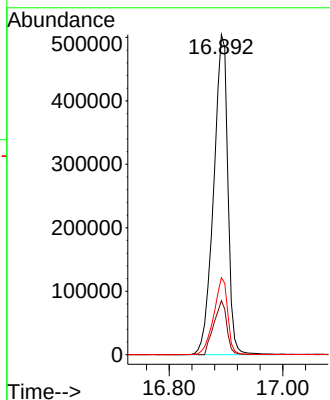
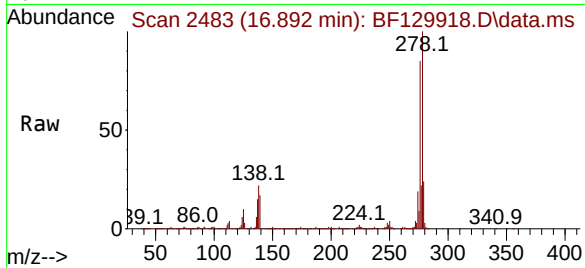




#91
 Dibenzo(a,h)anthracene
 Concen: 59.730 ng
 RT: 16.892 min Scan# 2495
 Delta R.T. 0.006 min
 Lab File: BF129918.D
 Acq: 19 Aug 2022 19:51

Instrument :
 BNA_F
 ClientSampleId :
 TP3-0815MSD

Tgt Ion:278 Resp: 873420
 Ion Ratio Lower Upper
 278 100
 139 16.8 12.2 18.4
 279 24.0 18.7 28.1



#92
 Benzo(g,h,i)perylene
 Concen: 61.655 ng
 RT: 17.333 min Scan# 2558
 Delta R.T. 0.006 min
 Lab File: BF129918.D
 Acq: 19 Aug 2022 19:51

Tgt Ion:276 Resp: 899450
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.2 27.4
 138 20.7 15.8 23.8

