

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
 Data File : BF129319.D
 Acq On : 22 Jul 2022 17:04
 Operator : CG\JU
 Sample : N3789-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-VB1-071922MSD

Quant Time: Jul 22 18:13:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 13:42:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	123930	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	505291	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	260470	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	409809	20.000	ng	0.00
76) Chrysene-d12	14.074	240	244576	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	240105	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1016457	133.776	ng	0.02
7) Phenol-d6	6.528	99	1201342	124.030	ng	0.00
23) Nitrobenzene-d5	7.463	82	923798	98.359	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	394570	157.012	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1649573	97.425	ng	0.00
79) Terphenyl-d14	13.016	244	1455421	110.830	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.905	88	140743	41.774	ng	# 77
3) Pyridine	3.628	79	322167	34.634	ng	95
4) n-Nitrosodimethylamine	3.563	42	226618	54.260	ng	# 93
6) Aniline	6.563	93	416071	34.910	ng	99
8) 2-Chlorophenol	6.681	128	432013	51.865	ng	98
9) Benzaldehyde	6.451	77	137889	20.753	ng	100
10) Phenol	6.540	94	463743	45.557	ng	91
11) bis(2-Chloroethyl)ether	6.634	93	412765	51.225	ng	94
12) 1,3-Dichlorobenzene	6.840	146	457940	51.010	ng	97
13) 1,4-Dichlorobenzene	6.910	146	464679	51.154	ng	98
14) 1,2-Dichlorobenzene	7.063	146	446029	53.140	ng	97
15) Benzyl Alcohol	7.040	79	383448	54.566	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.169	45	591502	48.151	ng	89
17) 2-Methylphenol	7.145	107	344905	50.808	ng	95
18) Hexachloroethane	7.404	117	183546	53.854	ng	88
19) n-Nitroso-di-n-propyla...	7.310	70	313426	54.309	ng	99
20) 3+4-Methylphenols	7.298	107	414195	46.783	ng	# 89
22) Acetophenone	7.310	105	615834	51.907	ng	# 98
24) Nitrobenzene	7.481	77	476536	49.261	ng	99
25) Isophorone	7.716	82	857994	52.033	ng	99
26) 2-Nitrophenol	7.792	139	232473	49.806	ng	95
27) 2,4-Dimethylphenol	7.828	122	387265	55.151	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	510458	53.437	ng	99
29) 2,4-Dichlorophenol	8.034	162	359907	49.277	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	371574	48.952	ng	98
31) Naphthalene	8.198	128	1258147	48.548	ng	100
32) Benzoic acid	7.910	122	74328	14.482	ng	98
33) 4-Chloroaniline	8.245	127	210211	19.887	ng	98
34) Hexachlorobutadiene	8.310	225	236009	54.397	ng	98
35) Caprolactam	8.622	113	43872	18.834	ng	# 84
36) 4-Chloro-3-methylphenol	8.728	107	391533	50.459	ng	100
37) 2-Methylnaphthalene	8.892	142	826543	49.219	ng	100
38) 1-Methylnaphthalene	8.992	142	782967	48.191	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	365298	53.421	ng	# 97
41) Hexachlorocyclopentadiene	9.045	237	443962	147.298	ng	97
43) 2,4,6-Trichlorophenol	9.169	196	246925	49.412	ng	98

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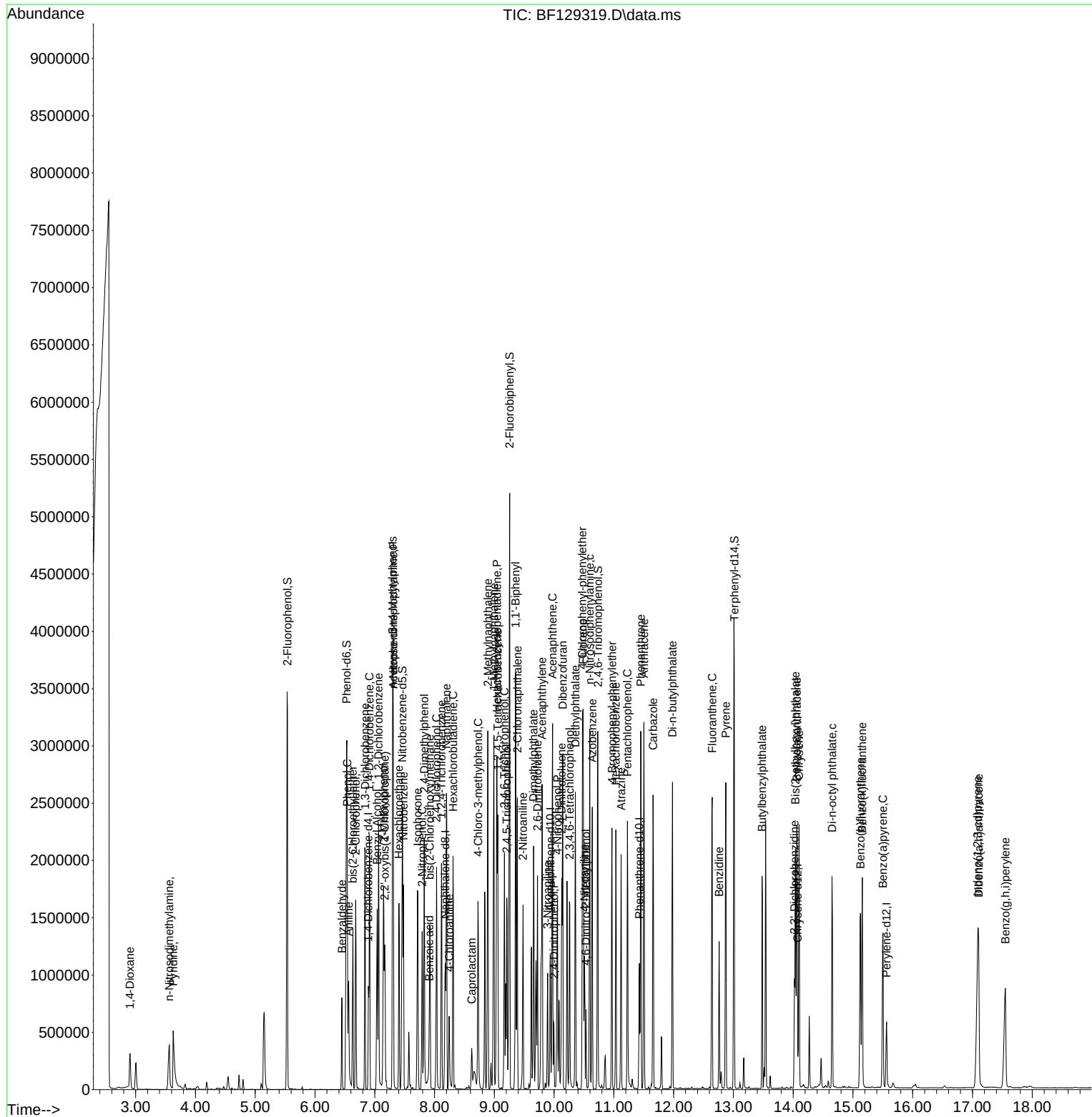
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	263829	48.668	ng	# 89
46) 1,1'-Biphenyl	9.357	154	999812	51.947	ng	98
47) 2-Chloronaphthalene	9.386	162	781535	50.692	ng	99
48) 2-Nitroaniline	9.481	65	253044	48.871	ng	97
49) Acenaphthylene	9.798	152	1176448	49.690	ng	100
50) Dimethylphthalate	9.657	163	887687	49.605	ng	99
51) 2,6-Dinitrotoluene	9.722	165	199549	49.802	ng	87
52) Acenaphthene	9.975	154	745228	48.502	ng	100
53) 3-Nitroaniline	9.892	138	139685	29.298	ng	95
54) 2,4-Dinitrophenol	9.998	184	68003	33.540	ng	86
55) Dibenzofuran	10.145	168	1063077	49.789	ng	95
56) 4-Nitrophenol	10.057	139	269231	77.329	ng	85
57) 2,4-Dinitrotoluene	10.128	165	254252	48.403	ng	98
58) Fluorene	10.486	166	849367	49.842	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	200394	47.950	ng	# 89
60) Diethylphthalate	10.357	149	848438	49.278	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	392986	52.711	ng	# 86
62) 4-Nitroaniline	10.510	138	194284	41.258	ng	89
63) Azobenzene	10.639	77	862784	48.437	ng	97
65) 4,6-Dinitro-2-methylph...	10.533	198	65801	26.105	ng	97
66) n-Nitrosodiphenylamine	10.598	169	714596	52.744	ng	96
67) 4-Bromophenyl-phenylether	10.969	248	244538	55.303	ng	95
68) Hexachlorobenzene	11.033	284	270241	55.802	ng	95
69) Atrazine	11.122	200	223394	53.950	ng	96
70) Pentachlorophenol	11.227	266	256915	96.493	ng	97
71) Phenanthrene	11.451	178	1114570	49.551	ng	99
72) Anthracene	11.504	178	1132745	50.823	ng	100
73) Carbazole	11.657	167	1006071	48.392	ng	99
74) Di-n-butylphthalate	11.980	149	1183434	49.266	ng	99
75) Fluoranthene	12.645	202	1055954	46.063	ng	97
77) Benzidine	12.763	184	430769	44.196	ng	99
78) Pyrene	12.874	202	1042561	49.840	ng	98
80) Butylbenzylphthalate	13.480	149	413984	48.501	ng	99
81) Benzo(a)anthracene	14.063	228	809942	48.092	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	165335	29.908	ng	96
83) Chrysene	14.098	228	760571	47.847	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	540833	51.595	ng	100
85) Di-n-octyl phthalate	14.651	149	858013	57.196	ng	97
87) Indeno(1,2,3-cd)pyrene	17.086	276	910586	55.321	ng	96
88) Benzo(b)fluoranthene	15.127	252	801572	50.158	ng	99
89) Benzo(k)fluoranthene	15.157	252	746509	48.108	ng	99
90) Benzo(a)pyrene	15.504	252	695659	53.800	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	788609	59.442	ng	97
92) Benzo(g,h,i)perylene	17.551	276	786671	57.064	ng	96

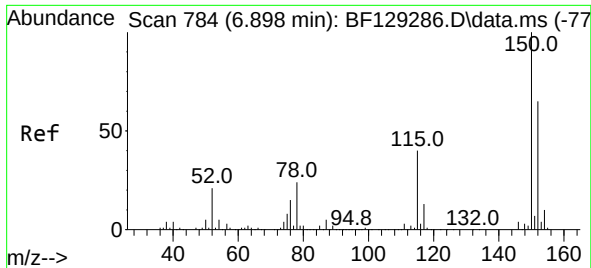
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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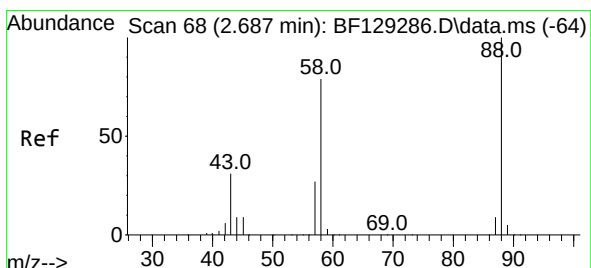
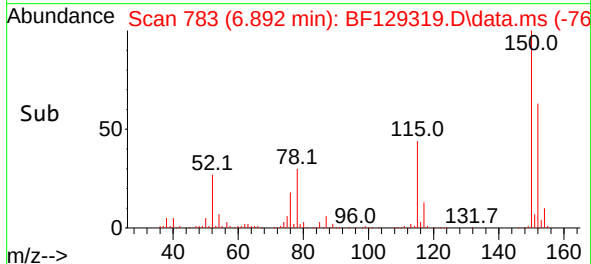
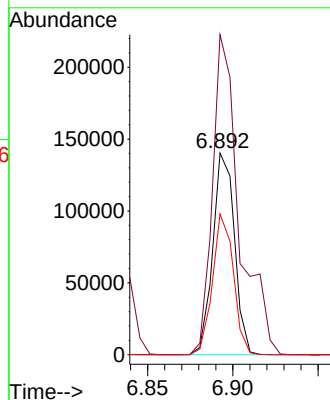
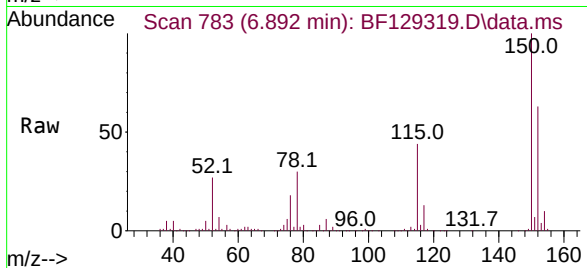




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

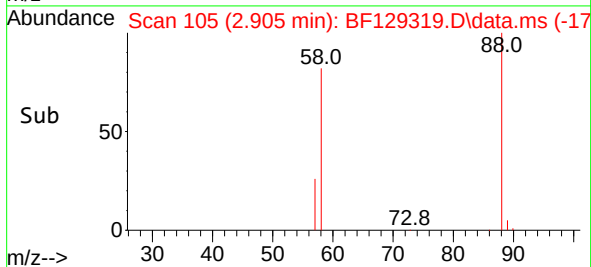
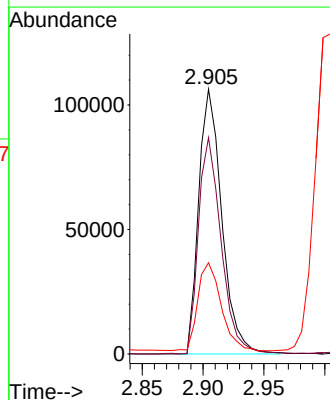
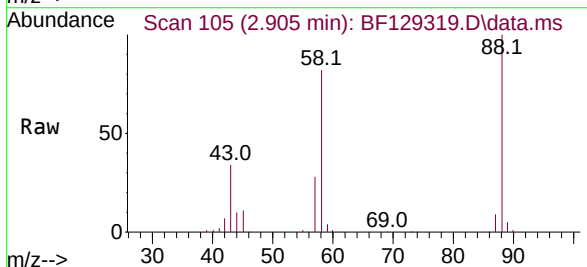
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ClientSampleId :
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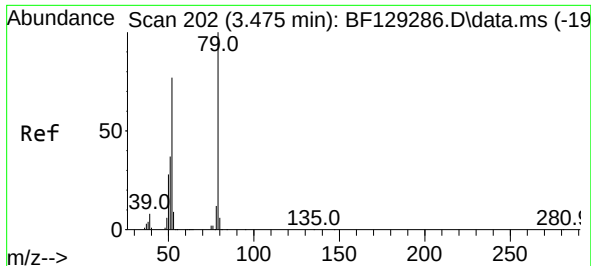
Tgt Ion:152 Resp: 123930
Ion Ratio Lower Upper
152 100
150 158.8 123.7 185.5
115 69.8 49.9 74.9



#2
1,4-Dioxane
Concen: 41.774 ng
RT: 2.905 min Scan# 105
Delta R.T. 0.218 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion: 88 Resp: 140743
Ion Ratio Lower Upper
88 100
58 80.4 71.8 107.8
43 0.0 26.6 39.8

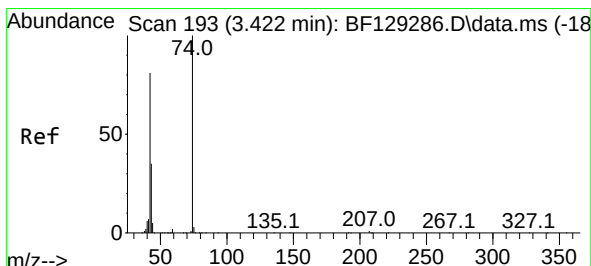
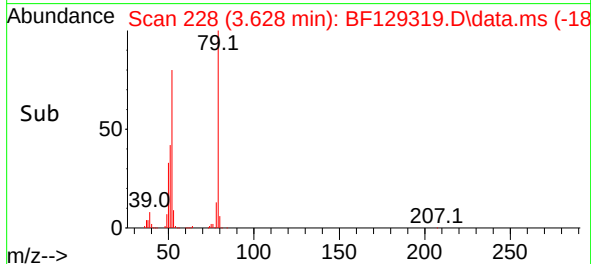
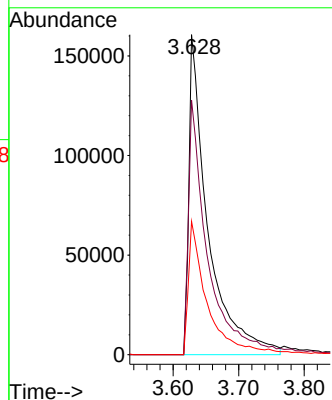
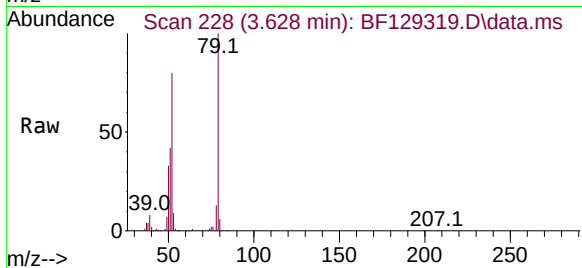




#3
Pyridine
Concen: 34.634 ng
RT: 3.628 min Scan# 217
Delta R.T. 0.153 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

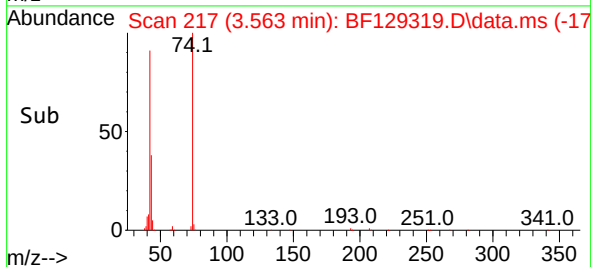
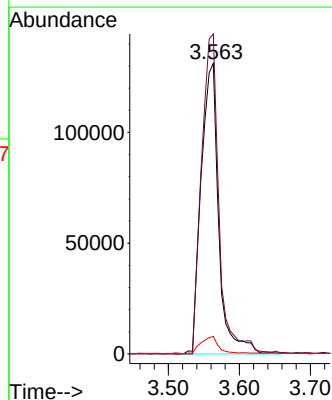
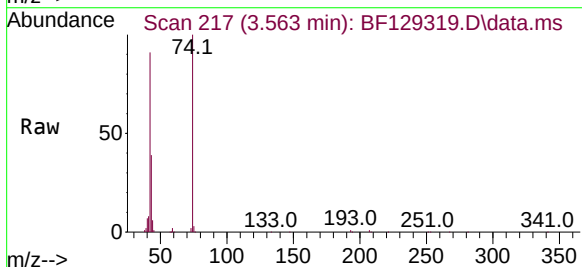
Instrument :
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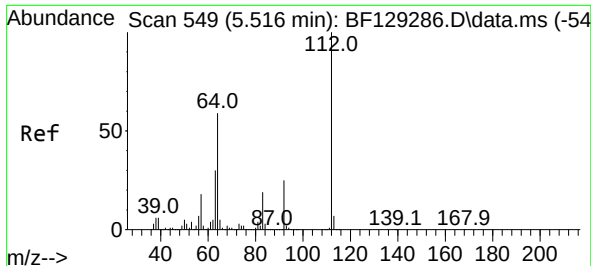
Tgt Ion: 79 Resp: 322167
Ion Ratio Lower Upper
79 100
52 79.6 68.6 102.8
51 41.7 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 54.260 ng
RT: 3.563 min Scan# 217
Delta R.T. 0.141 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion: 42 Resp: 226618
Ion Ratio Lower Upper
42 100
74 110.2 94.8 142.2
44 6.1 6.6 10.0#

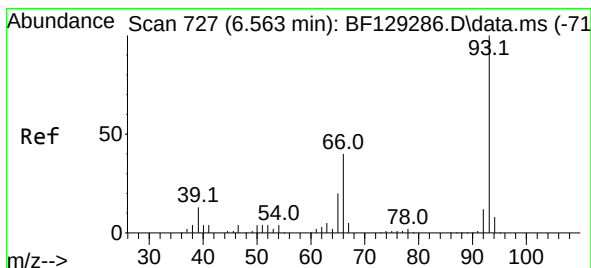
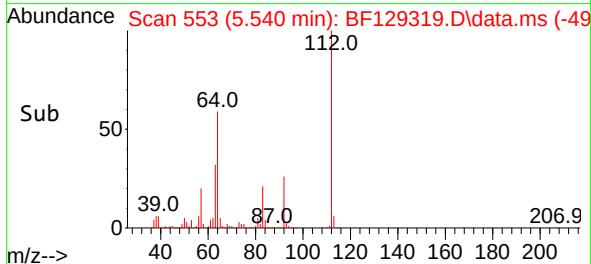
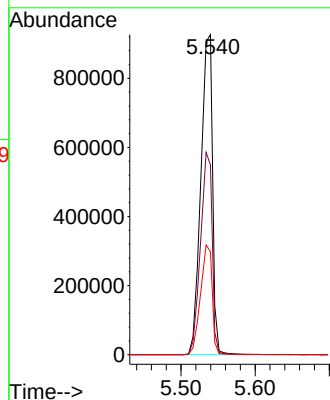
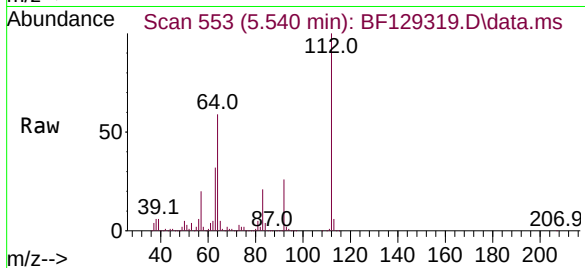




#5
2-Fluorophenol
Concen: 133.776 ng
RT: 5.540 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

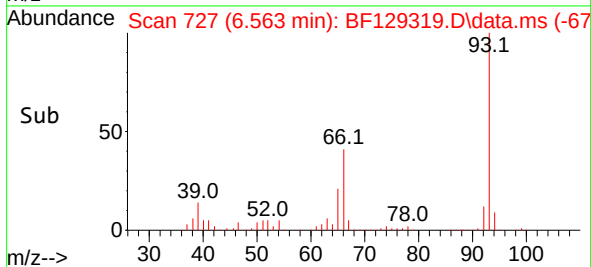
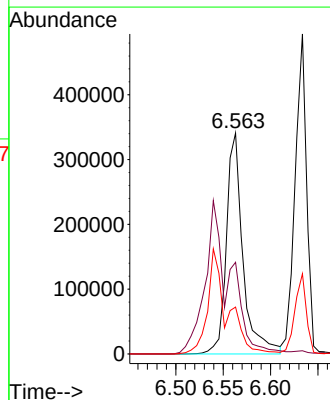
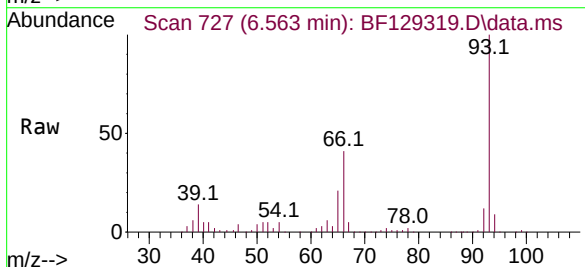
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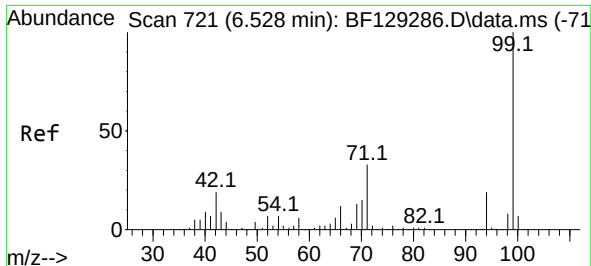
Tgt Ion:112 Resp: 1016457
Ion Ratio Lower Upper
112 100
64 59.3 53.3 79.9
63 32.2 28.0 42.0



#6
Aniline
Concen: 34.910 ng
RT: 6.563 min Scan# 727
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion: 93 Resp: 416071
Ion Ratio Lower Upper
93 100
66 41.5 32.5 48.7
65 21.2 16.4 24.6



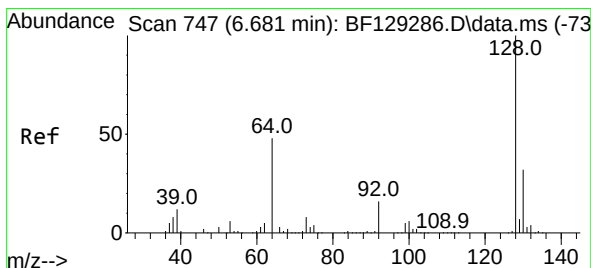
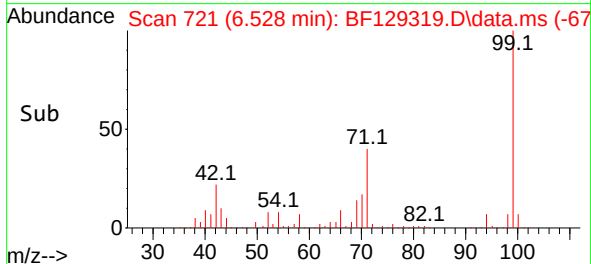
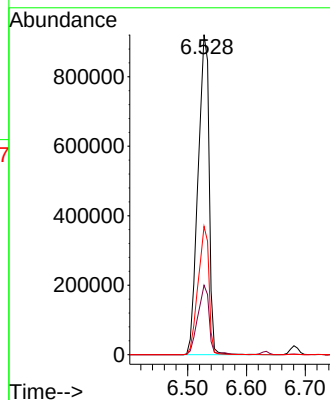
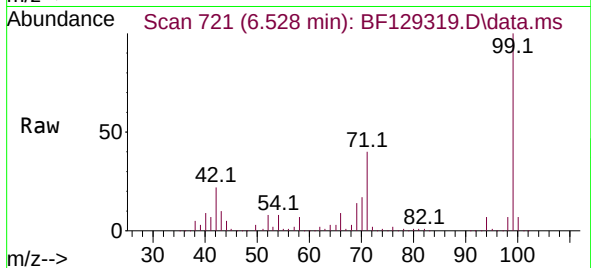


#7
Phenol-d6
Concen: 124.030 ng
RT: 6.528 min Scan# 721
Delta R.T. 0.000 min
Lab File: BF129319.D
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Tgt Ion: 99 Resp: 1201342

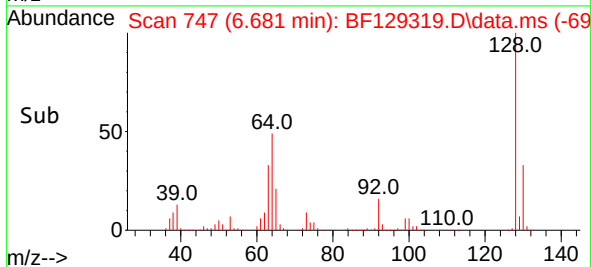
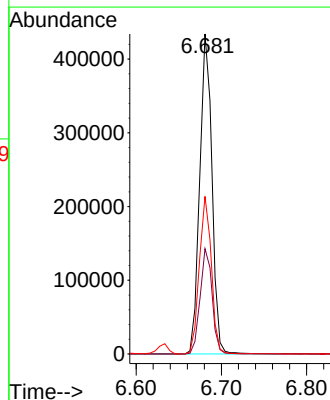
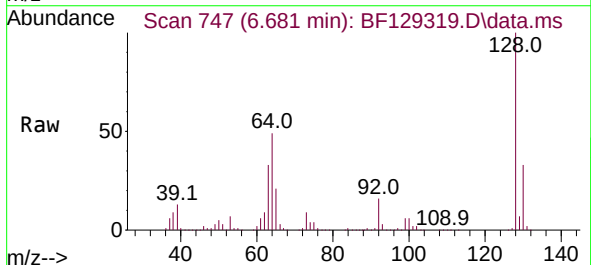
Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.3	25.9
71	40.1	28.9	43.3

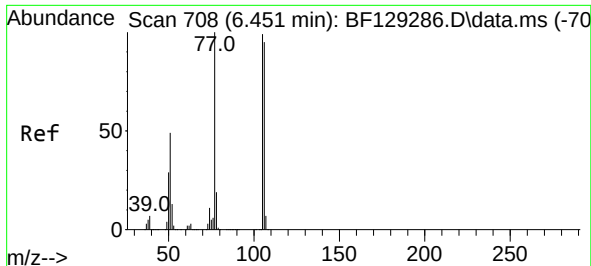


#8
2-Chlorophenol
Concen: 51.865 ng
RT: 6.681 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion: 128 Resp: 432013

Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.1	53.1
64	49.3	30.9	70.9

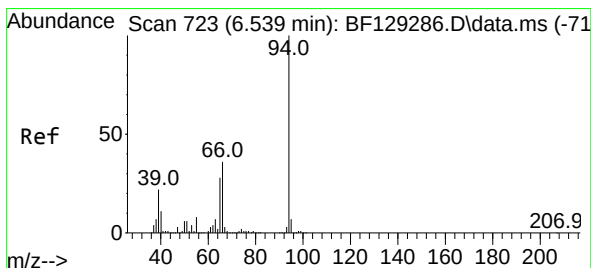
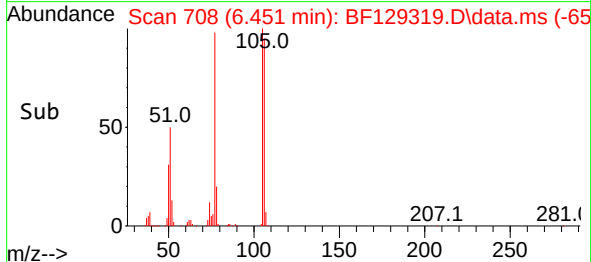
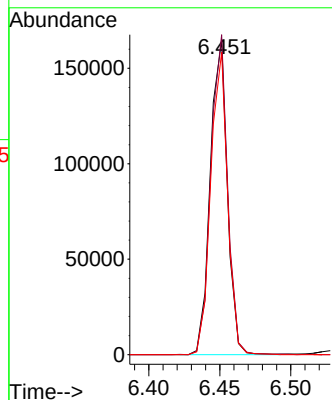
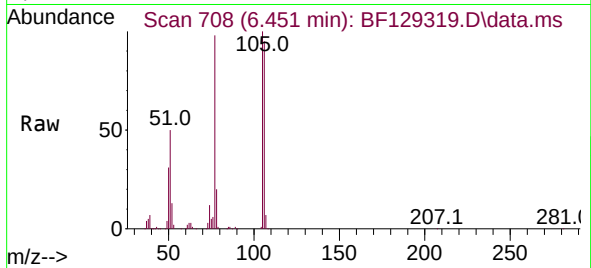




#9
Benzaldehyde
Concen: 20.753 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.000 min
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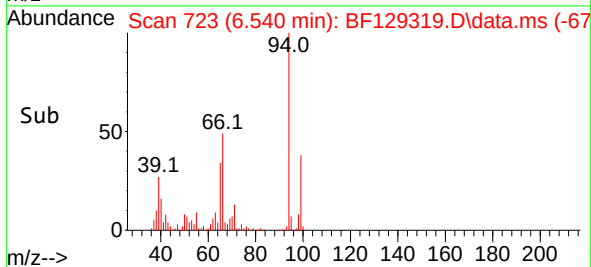
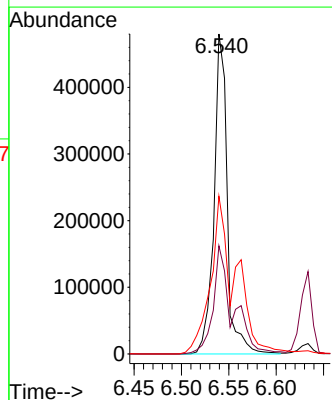
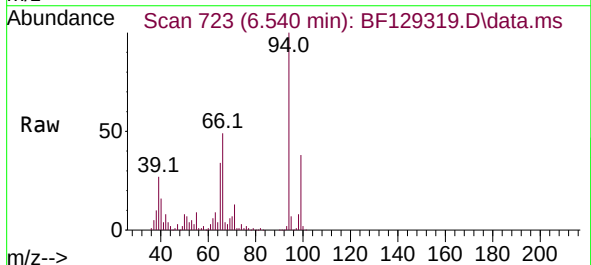
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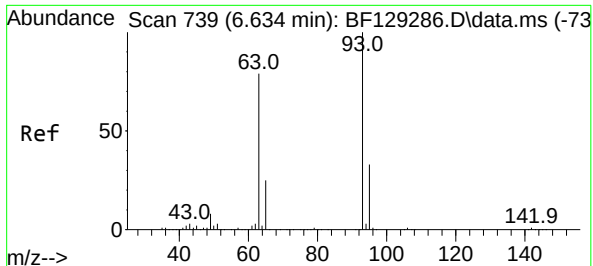
Tgt Ion: 77 Resp: 137889
Ion Ratio Lower Upper
77 100
105 101.9 81.6 121.6
106 96.3 76.1 116.1



#10
Phenol
Concen: 45.557 ng
RT: 6.540 min Scan# 723
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion: 94 Resp: 463743
Ion Ratio Lower Upper
94 100
65 33.8 11.4 51.4
66 49.3 21.4 61.4

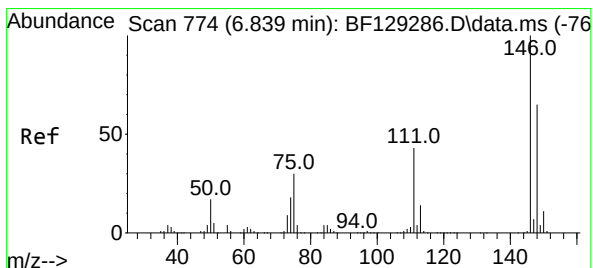
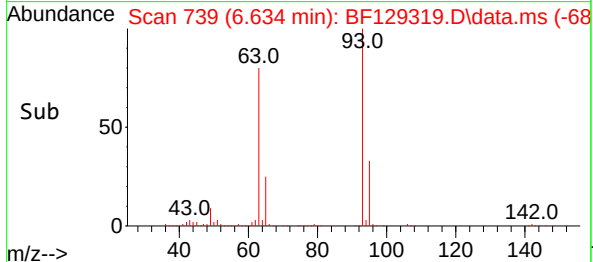
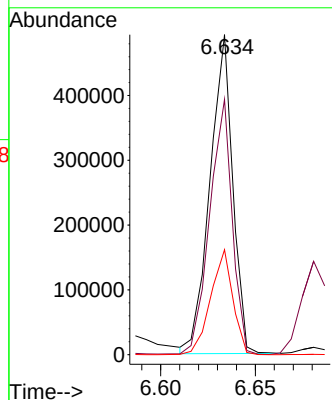
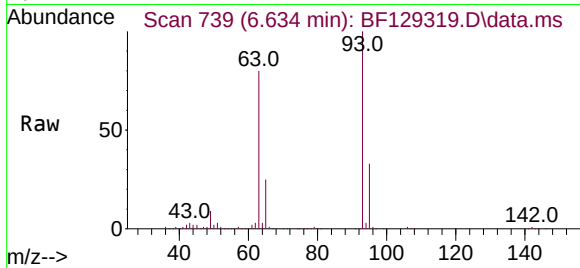




#11
bis(2-Chloroethyl)ether
Concen: 51.225 ng
RT: 6.634 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

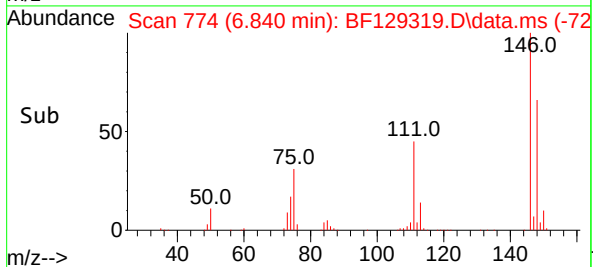
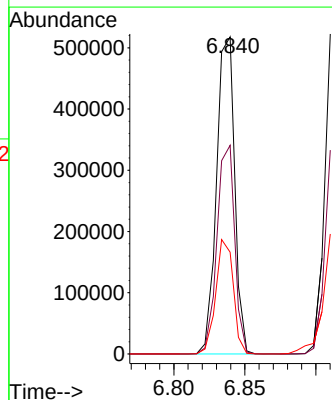
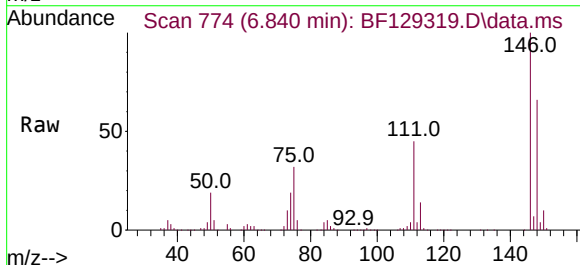
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MSD

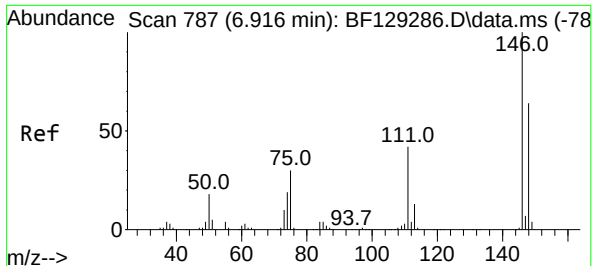
Tgt Ion:	93	Resp:	412765
Ion	Ratio	Lower	Upper
93	100		
63	79.8	67.4	107.4
95	32.8	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 51.010 ng
RT: 6.840 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion:	146	Resp:	457940
Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.6	75.8
75	32.1	26.3	39.5





#13

1,4-Dichlorobenzene

Concen: 51.154 ng

RT: 6.910 min Scan# 787

Delta R.T. -0.006 min

Lab File: BF129319.D

Acq: 22 Jul 2022 17:04

Instrument :

BNA_F

ClientSampleId :

IDW-VB1-071922MSD

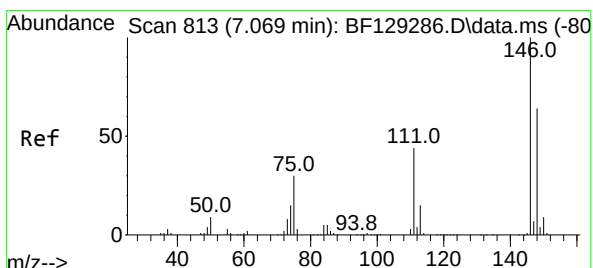
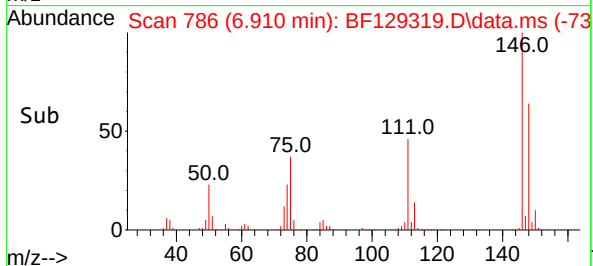
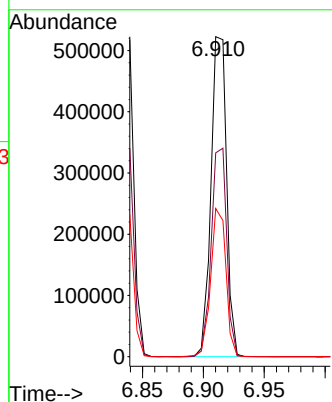
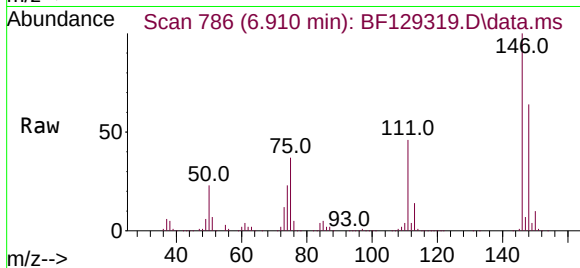
Tgt Ion:146 Resp: 464679

Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

111 46.3 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 53.140 ng

RT: 7.063 min Scan# 812

Delta R.T. -0.006 min

Lab File: BF129319.D

Acq: 22 Jul 2022 17:04

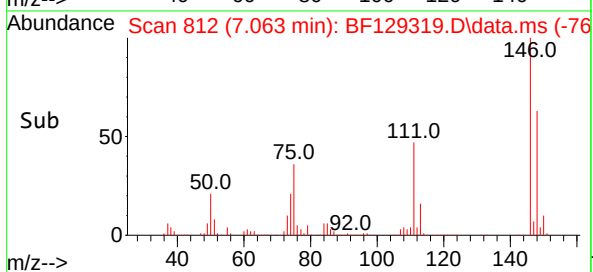
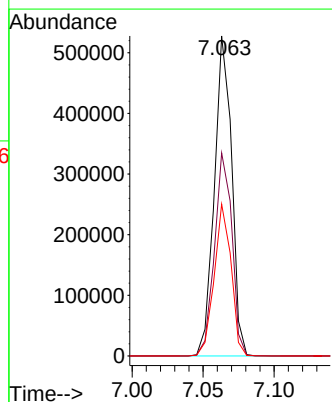
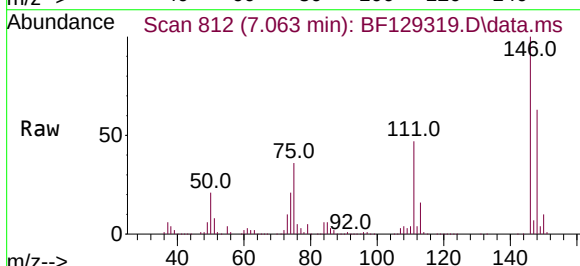
Tgt Ion:146 Resp: 446029

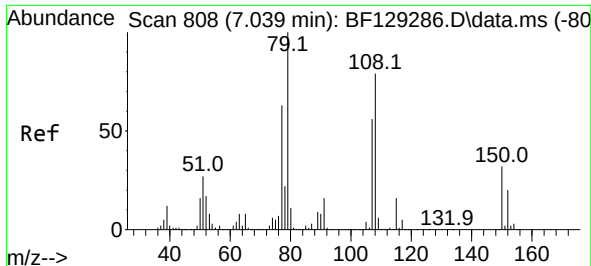
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.8

111 47.5 35.1 52.7

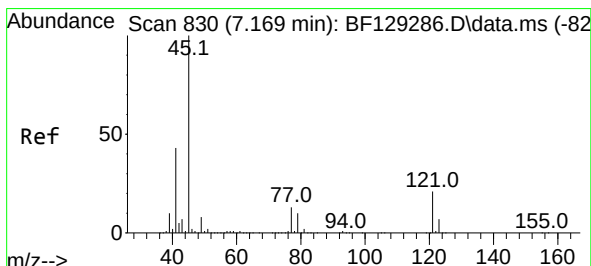
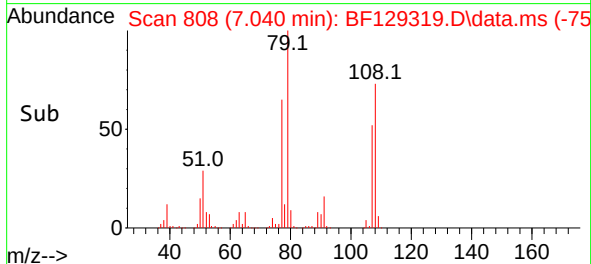
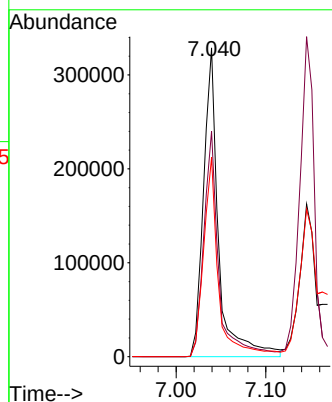
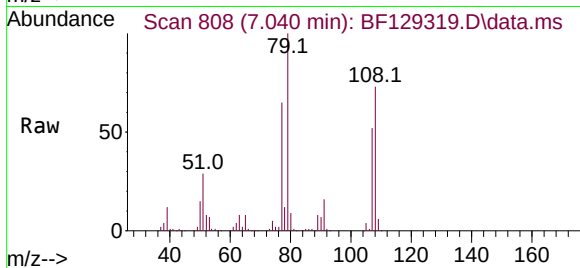




#15
Benzyl Alcohol
Concen: 54.566 ng
RT: 7.040 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

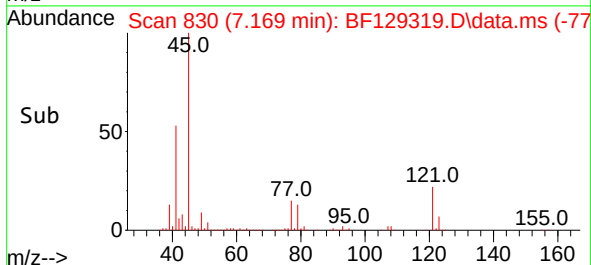
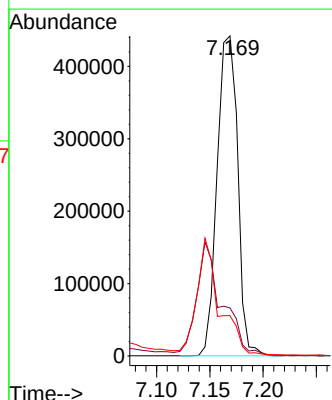
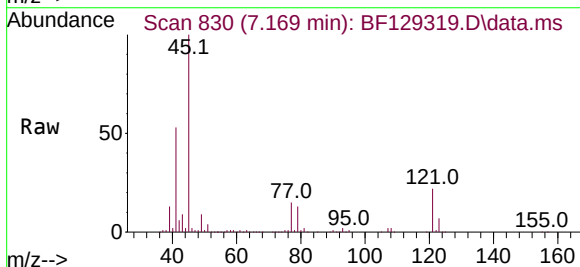
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MSD

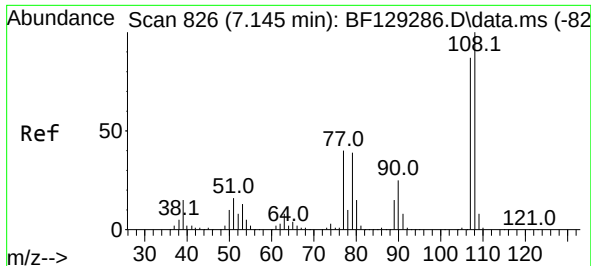
Tgt Ion: 79 Resp: 383448
Ion Ratio Lower Upper
79 100
108 73.0 61.8 92.6
77 64.5 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.151 ng
RT: 7.169 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion: 45 Resp: 591502
Ion Ratio Lower Upper
45 100
77 15.0 0.0 31.3
79 12.6 0.0 28.3

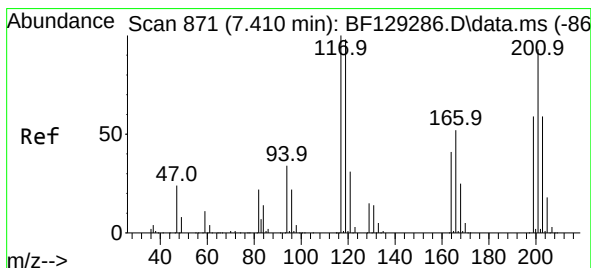
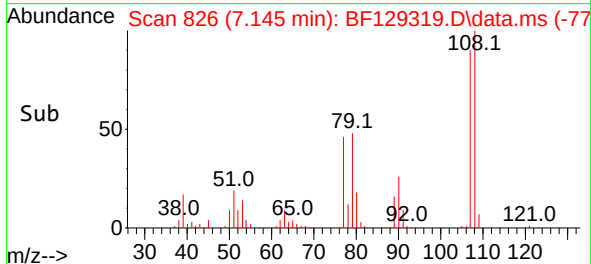
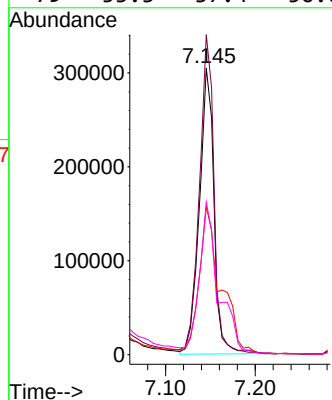
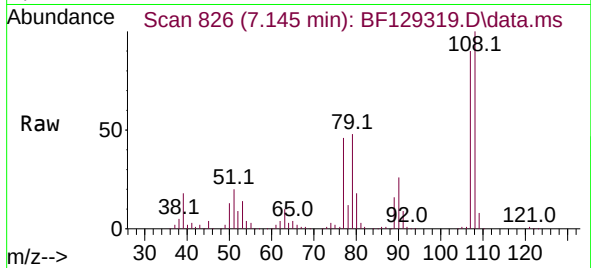




#17
2-Methylphenol
Concen: 50.808 ng
RT: 7.145 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

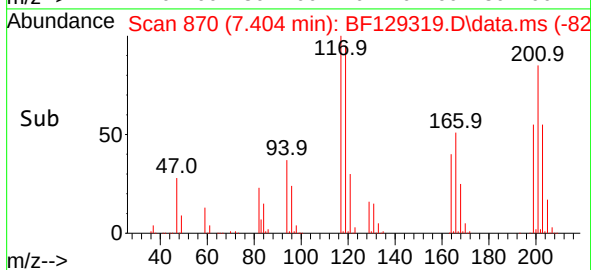
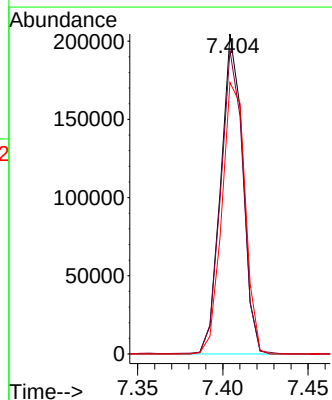
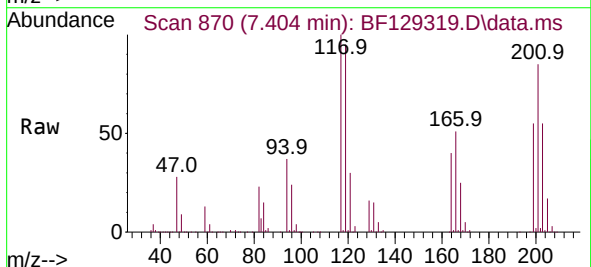
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MSD

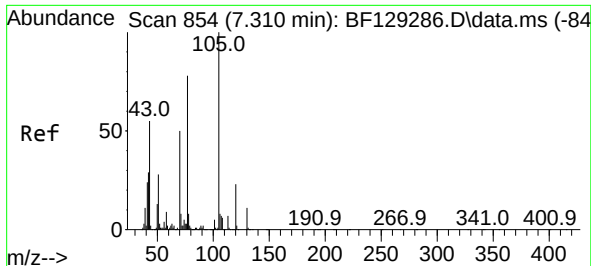
Tgt Ion:107 Resp: 344905
Ion Ratio Lower Upper
107 100
108 111.6 91.9 137.9
77 51.5 37.8 56.8
79 53.3 37.4 56.0



#18
Hexachloroethane
Concen: 53.854 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion:117 Resp: 183546
Ion Ratio Lower Upper
117 100
119 94.8 77.4 116.2
201 84.9 84.6 127.0



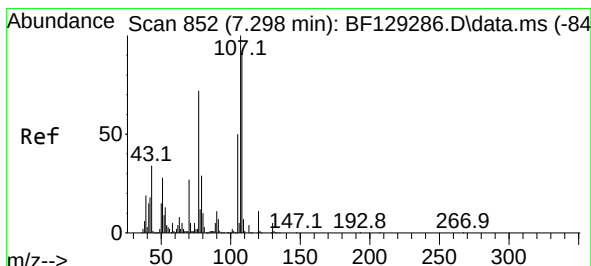
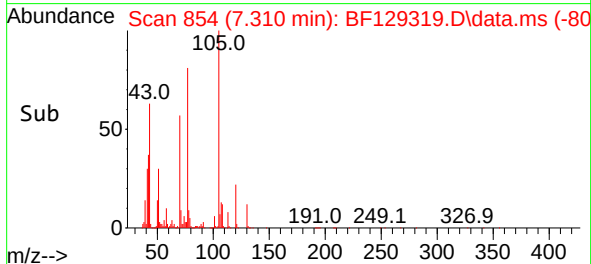
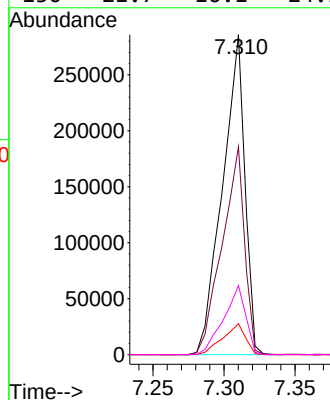
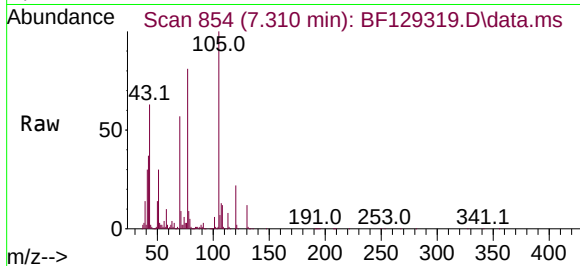


#19
n-Nitroso-di-n-propylamine
Concen: 54.309 ng
RT: 7.310 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MSD

Tgt Ion: 70 Resp: 313426

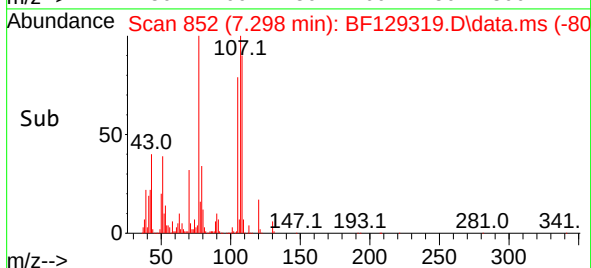
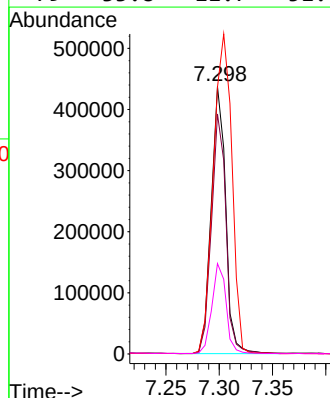
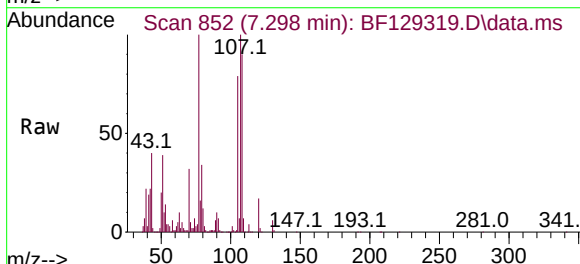
Ion	Ratio	Lower	Upper
70	100		
42	64.9	52.3	78.5
101	9.7	7.5	11.3
130	21.7	16.1	24.1

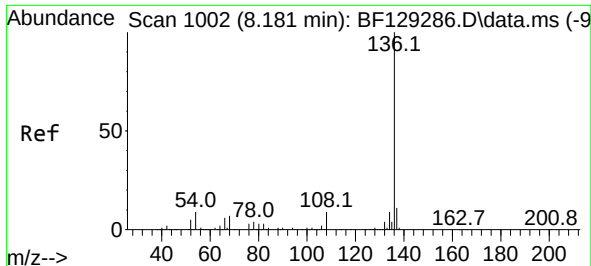


#20
3+4-Methylphenols
Concen: 46.783 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion: 107 Resp: 414195

Ion	Ratio	Lower	Upper
107	100		
108	89.7	71.8	111.8
77	99.7	59.3	99.3#
79	33.8	11.7	51.7



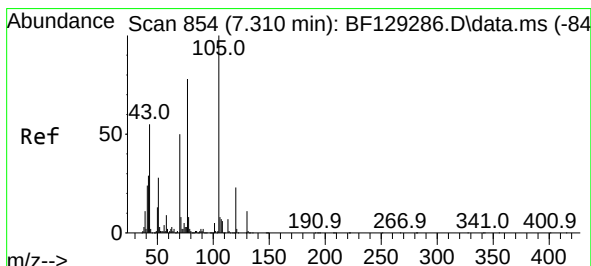
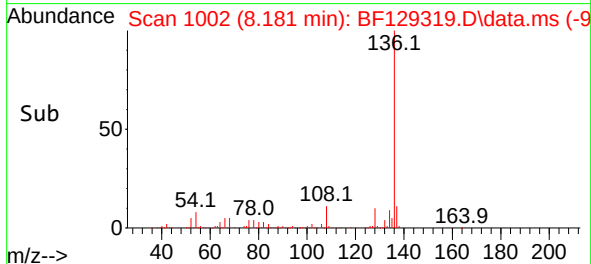
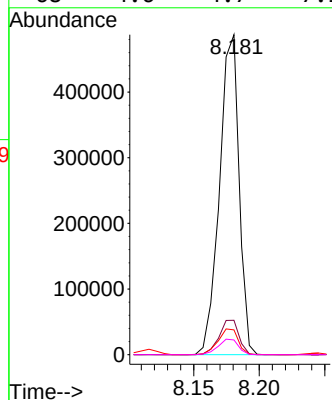
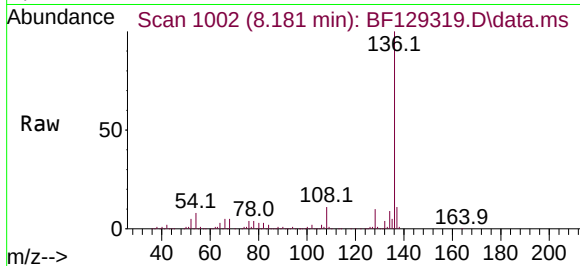


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MSD

Tgt Ion:136 Resp: 505291

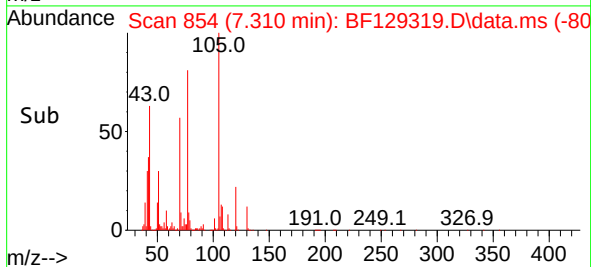
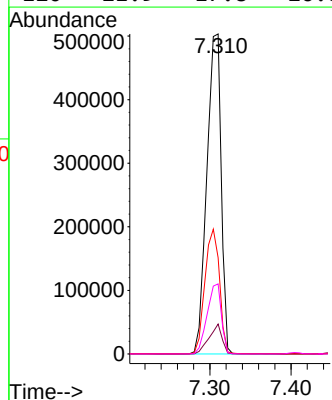
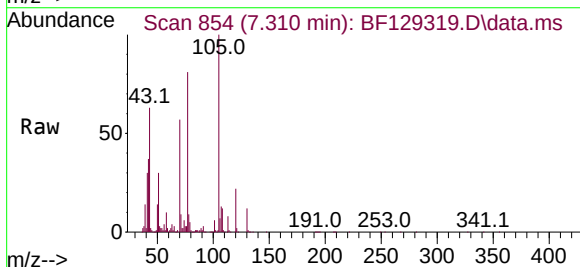
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.8	7.5	11.3
68	4.6	4.7	7.1#

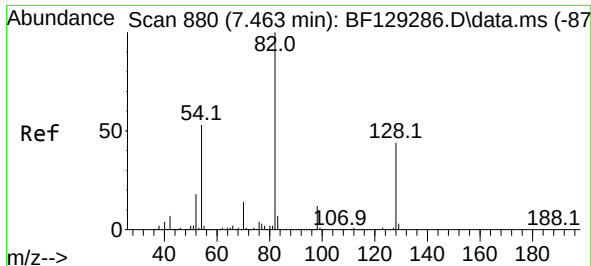


#22
Acetophenone
Concen: 51.907 ng
RT: 7.310 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion:105 Resp: 615834

Ion	Ratio	Lower	Upper
105	100		
71	9.4	5.0	7.4#
51	30.1	25.0	37.4
120	21.9	17.8	26.8





#23

Nitrobenzene-d5

Concen: 98.359 ng

RT: 7.463 min Scan# 880

Delta R.T. 0.000 min

Lab File: BF129319.D

Acq: 22 Jul 2022 17:04

Instrument :

BNA_F

ClientSampleId :

IDW-VB1-071922MSD

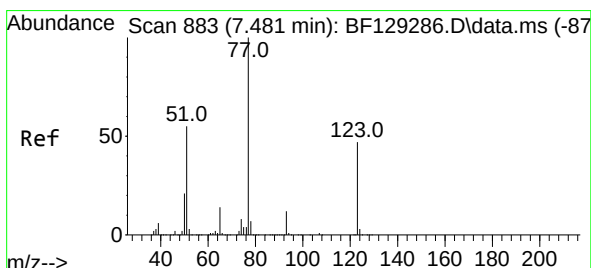
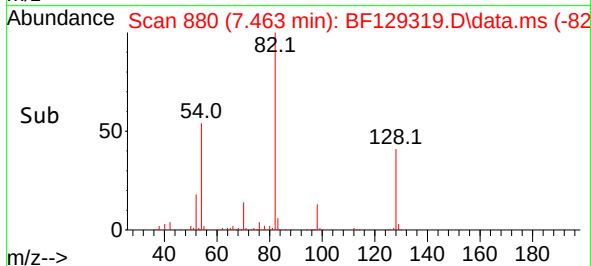
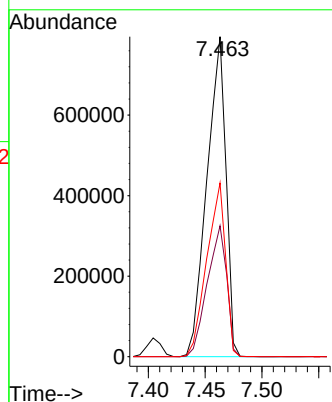
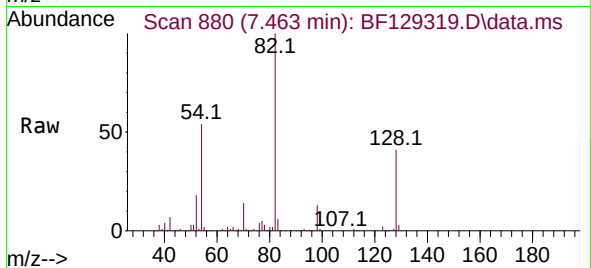
Tgt Ion: 82 Resp: 923798

Ion Ratio Lower Upper

82 100

128 40.9 34.0 51.0

54 54.3 46.9 70.3



#24

Nitrobenzene

Concen: 49.261 ng

RT: 7.481 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF129319.D

Acq: 22 Jul 2022 17:04

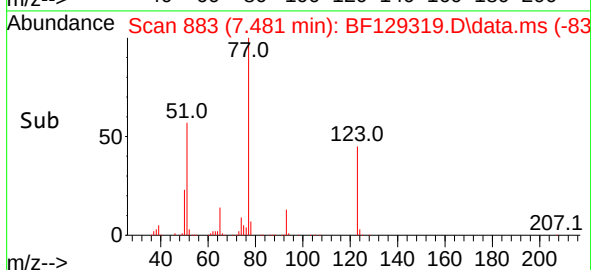
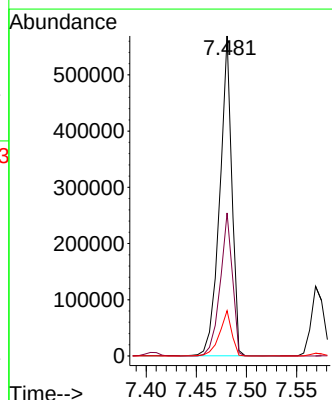
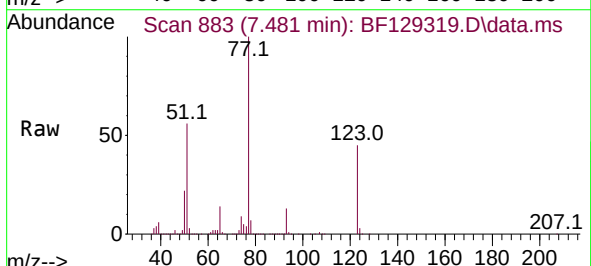
Tgt Ion: 77 Resp: 476536

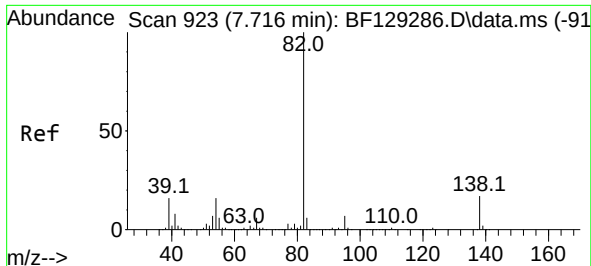
Ion Ratio Lower Upper

77 100

123 44.7 35.4 53.2

65 14.2 11.8 17.8

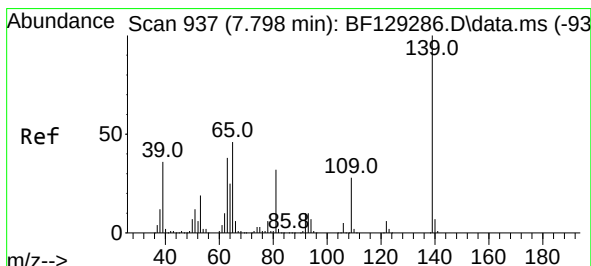
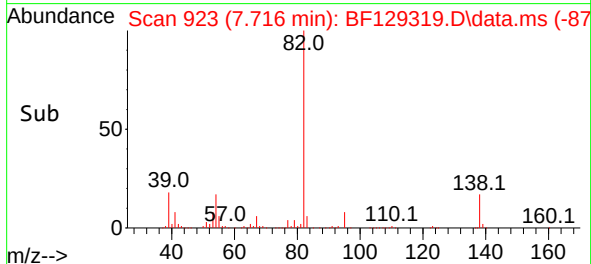
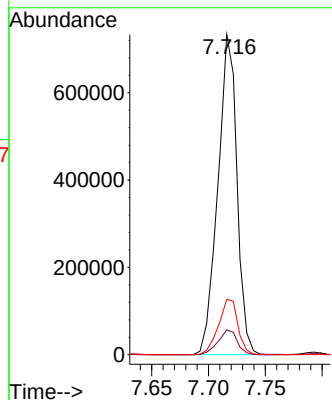
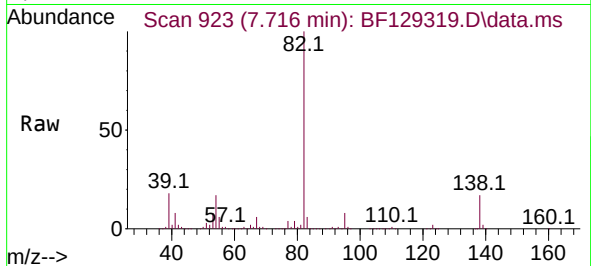




#25
Isophorone
Concen: 52.033 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

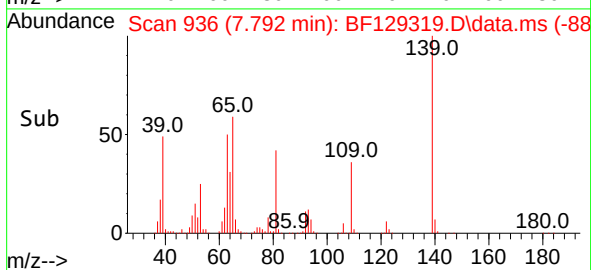
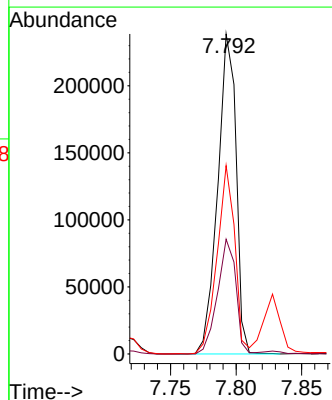
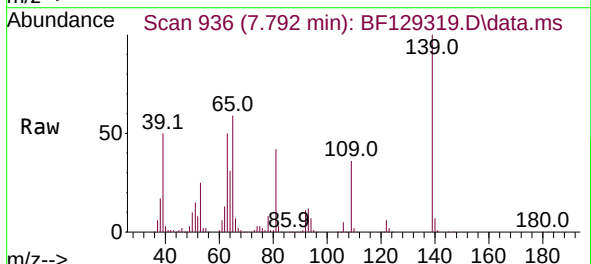
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MSD

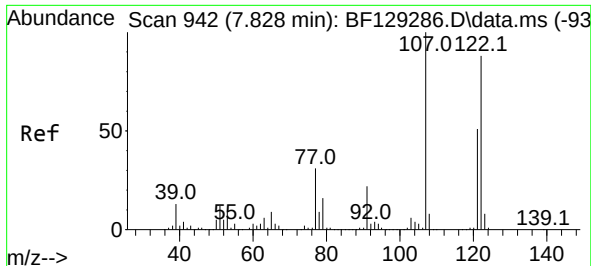
Tgt Ion: 82 Resp: 857994
Ion Ratio Lower Upper
82 100
95 7.7 5.7 8.5
138 17.3 14.2 21.2



#26
2-Nitrophenol
Concen: 49.806 ng
RT: 7.792 min Scan# 936
Delta R.T. -0.006 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion:139 Resp: 232473
Ion Ratio Lower Upper
139 100
109 35.8 25.0 37.4
65 58.9 45.1 67.7

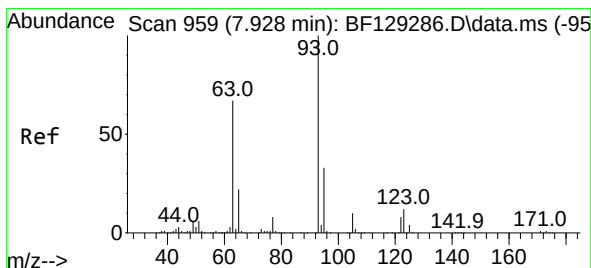
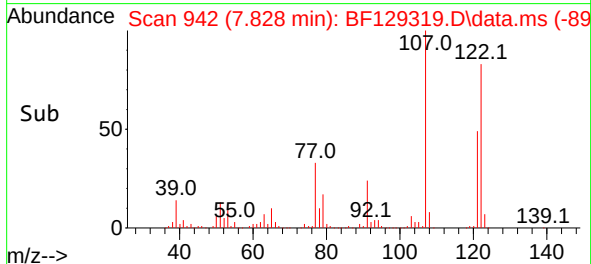
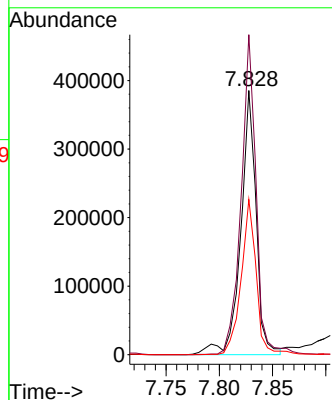
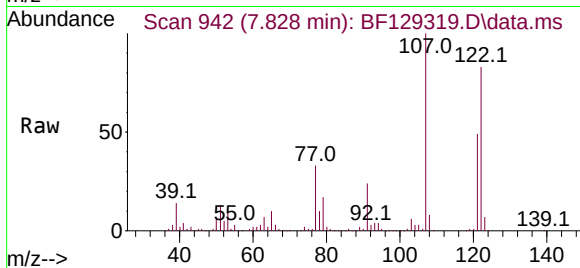




#27
2,4-Dimethylphenol
Concen: 55.151 ng
RT: 7.828 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

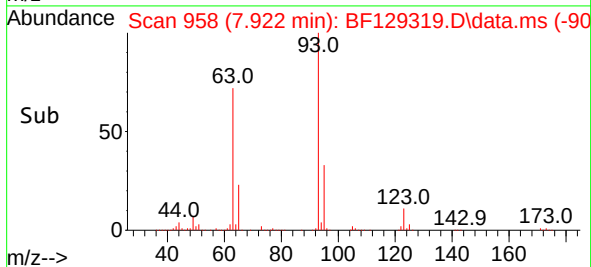
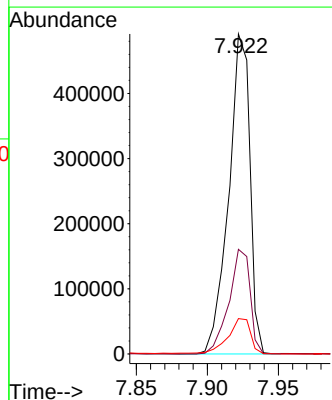
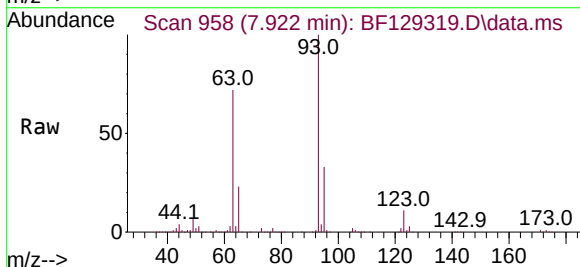
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MSD

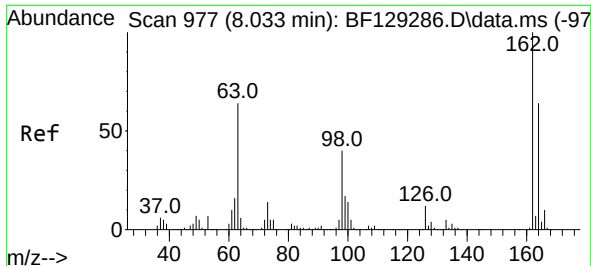
Tgt Ion:122 Resp: 387265
Ion Ratio Lower Upper
122 100
107 121.1 93.0 139.6
121 58.8 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 53.437 ng
RT: 7.922 min Scan# 958
Delta R.T. -0.006 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion: 93 Resp: 510458
Ion Ratio Lower Upper
93 100
95 32.7 26.8 40.2
123 11.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 49.277 ng

RT: 8.034 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129319.D

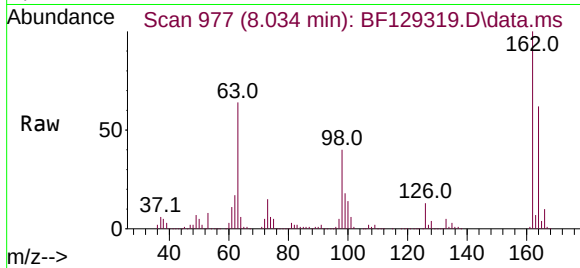
Acq: 22 Jul 2022 17:04

Instrument :

BNA_F

ClientSampleId :

IDW-VB1-071922MSD



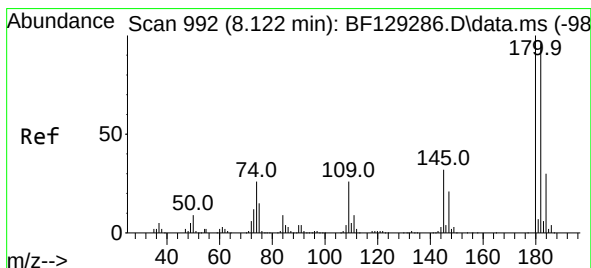
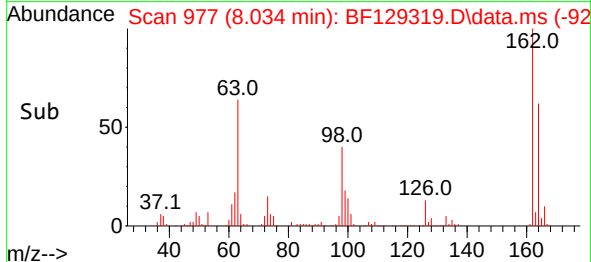
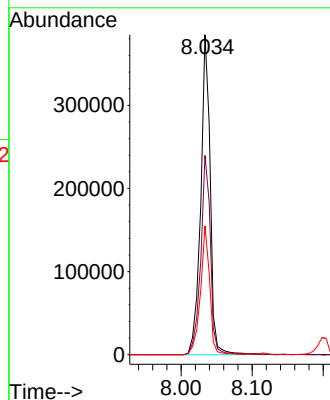
Tgt Ion:162 Resp: 359907

Ion Ratio Lower Upper

162 100

164 62.3 44.2 84.2

98 40.2 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 48.952 ng

RT: 8.116 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF129319.D

Acq: 22 Jul 2022 17:04

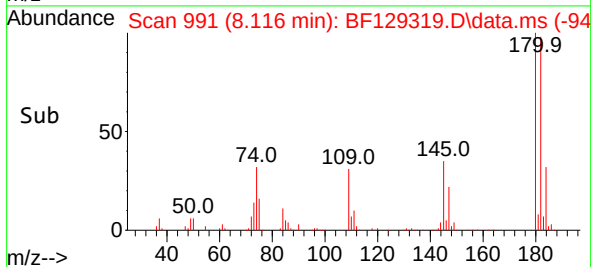
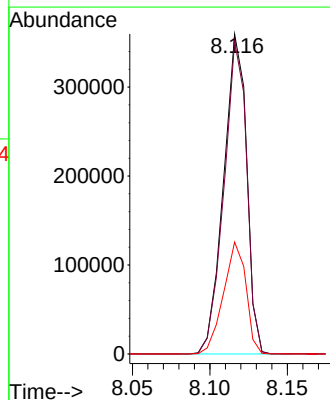
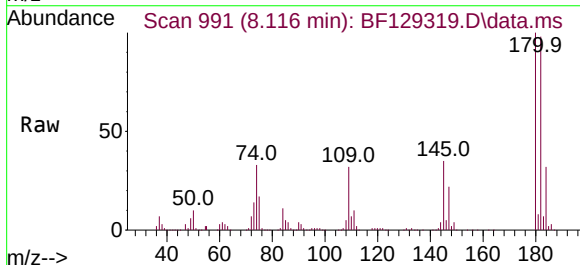
Tgt Ion:180 Resp: 371574

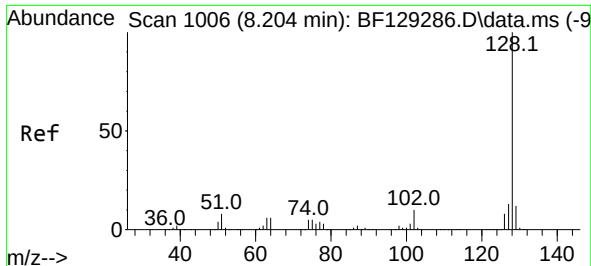
Ion Ratio Lower Upper

180 100

182 97.8 79.2 118.8

145 34.9 26.2 39.2





#31

Naphthalene

Concen: 48.548 ng

RT: 8.198 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129319.D

Acq: 22 Jul 2022 17:04

Instrument :

BNA_F

ClientSampleId :

IDW-VB1-071922MSD

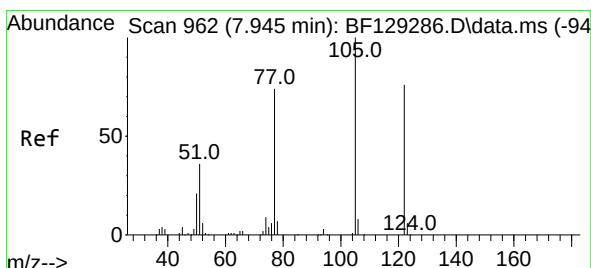
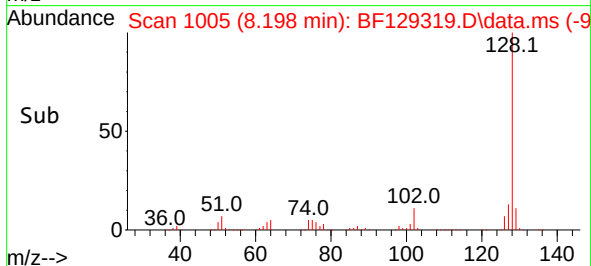
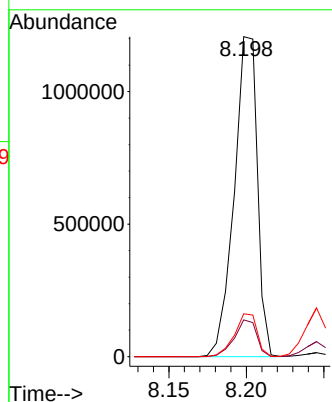
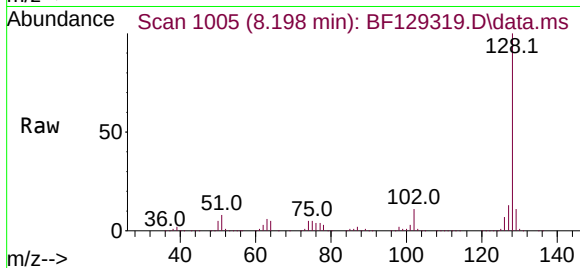
Tgt Ion:128 Resp: 1258147

Ion Ratio Lower Upper

128 100

129 11.5 9.2 13.8

127 13.4 10.5 15.7



#32

Benzoic acid

Concen: 14.482 ng

RT: 7.910 min Scan# 956

Delta R.T. -0.035 min

Lab File: BF129319.D

Acq: 22 Jul 2022 17:04

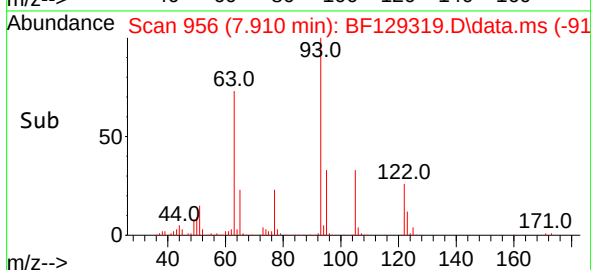
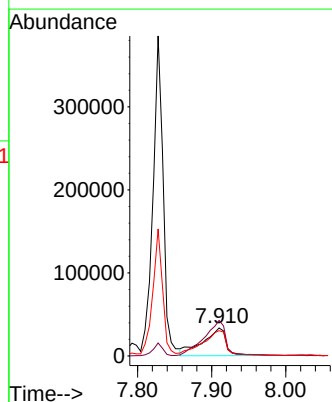
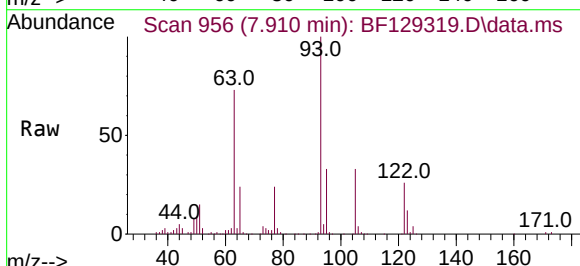
Tgt Ion:122 Resp: 74328

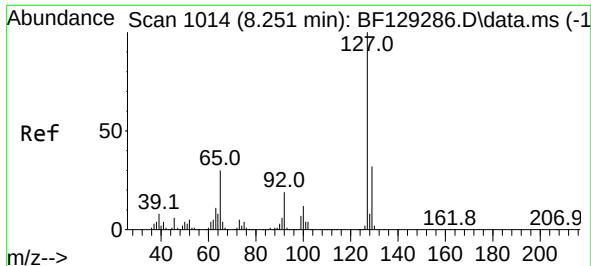
Ion Ratio Lower Upper

122 100

105 126.8 107.1 147.1

77 90.4 74.2 114.2



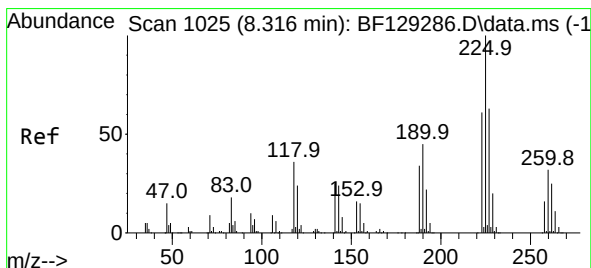
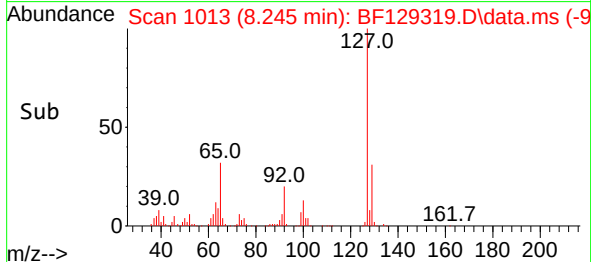
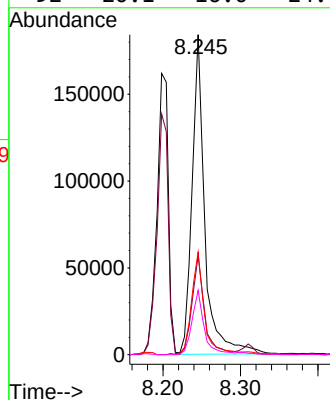
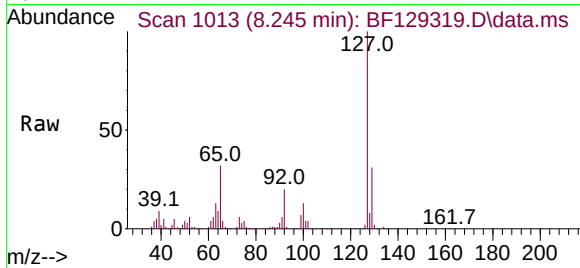


#33
4-Chloroaniline
Concen: 19.887 ng
RT: 8.245 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MSD

Tgt Ion:127 Resp: 210211

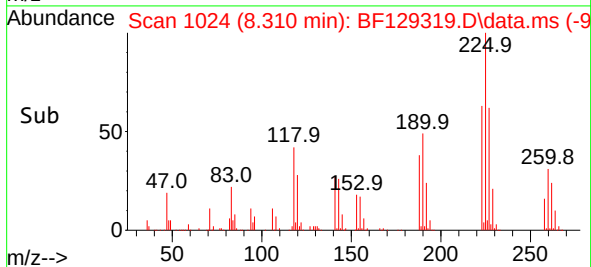
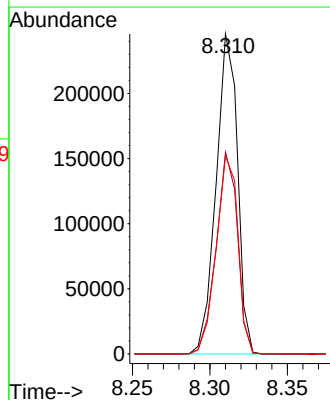
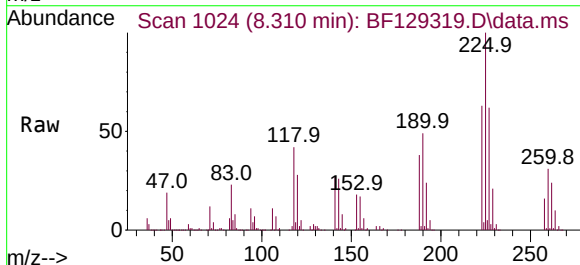
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.4	39.6
65	32.1	26.4	39.6
92	20.1	16.0	24.0

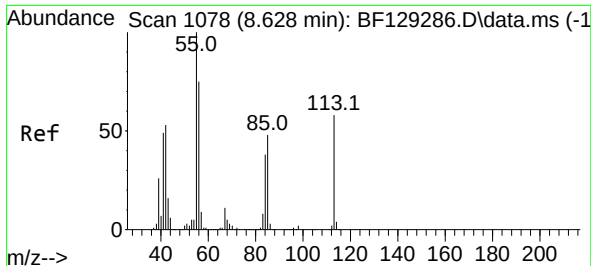


#34
Hexachlorobutadiene
Concen: 54.397 ng
RT: 8.310 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion:225 Resp: 236009

Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.0	76.6
227	61.9	51.1	76.7

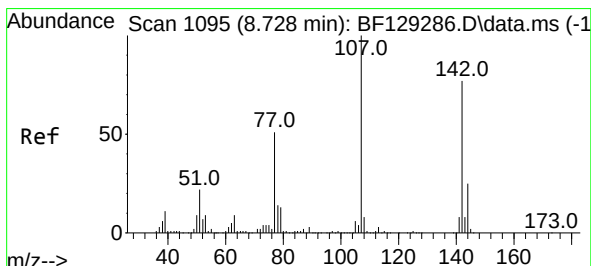
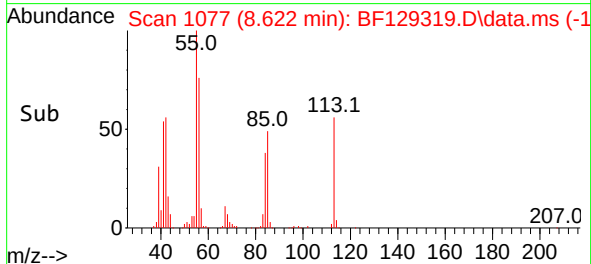
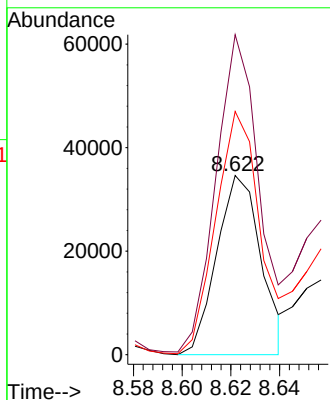
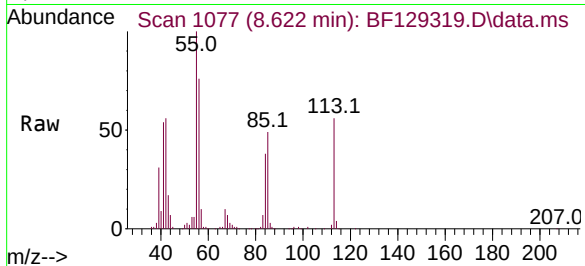




#35
 Caprolactam
 Concen: 18.834 ng
 RT: 8.622 min Scan# 1077
 Delta R.T. -0.006 min
 Lab File: BF129319.D
 Acq: 22 Jul 2022 17:04

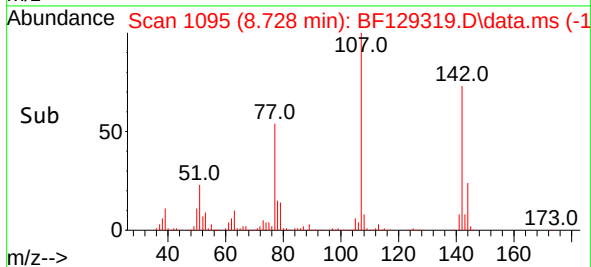
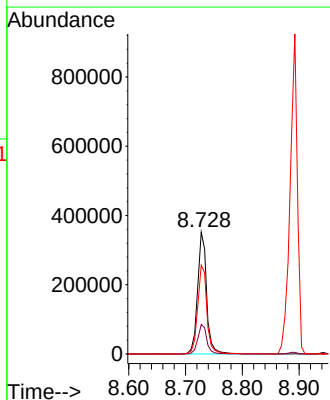
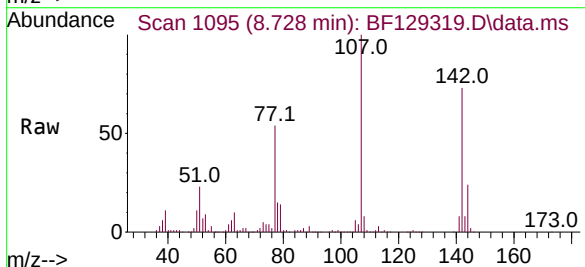
Instrument :
 BNA_F
 ClientSampleId :
 IDW-VB1-071922MSD

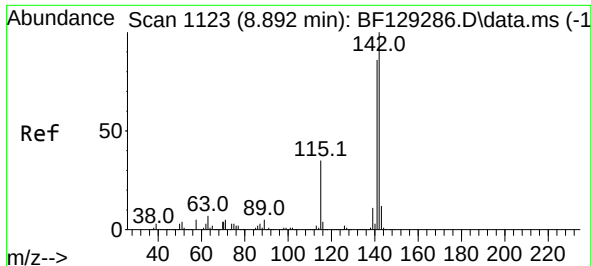
Tgt Ion:113 Resp: 43872
 Ion Ratio Lower Upper
 113 100
 55 178.5 188.5 228.5#
 56 135.7 130.6 170.6



#36
 4-Chloro-3-methylphenol
 Concen: 50.459 ng
 RT: 8.728 min Scan# 1095
 Delta R.T. 0.000 min
 Lab File: BF129319.D
 Acq: 22 Jul 2022 17:04

Tgt Ion:107 Resp: 391533
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.5 29.3
 142 72.9 58.2 87.4





#37

2-Methylnaphthalene

Concen: 49.219 ng

RT: 8.892 min Scan# 1123

Delta R.T. 0.000 min

Lab File: BF129319.D

Acq: 22 Jul 2022 17:04

Instrument :

BNA_F

ClientSampleId :

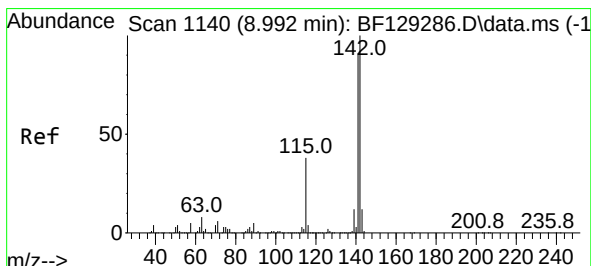
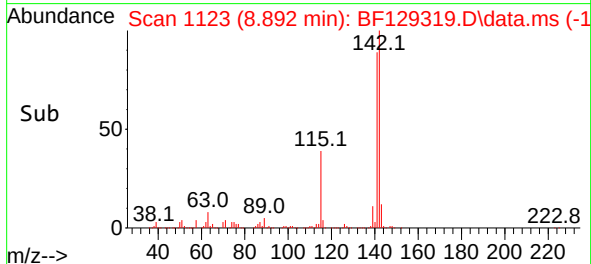
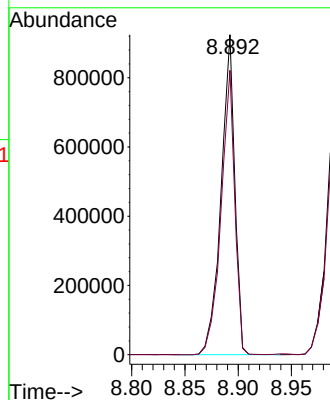
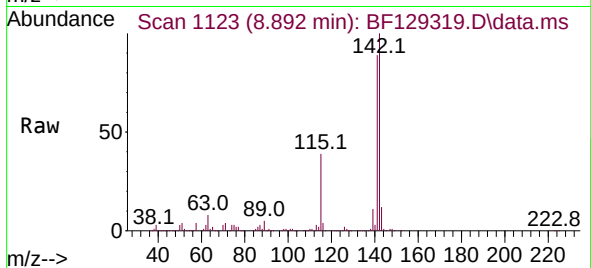
IDW-VB1-071922MSD

Tgt Ion:142 Resp: 826543

Ion Ratio Lower Upper

142 100

141 88.9 71.0 106.4



#38

1-Methylnaphthalene

Concen: 48.191 ng

RT: 8.992 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF129319.D

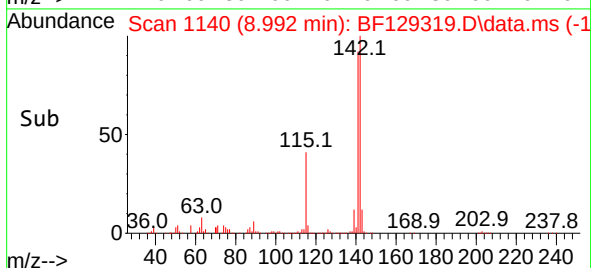
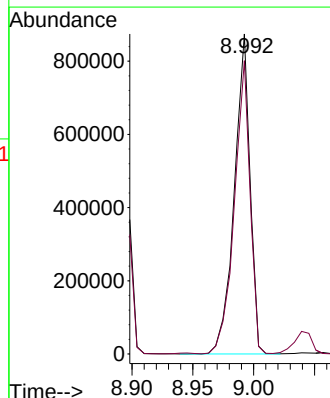
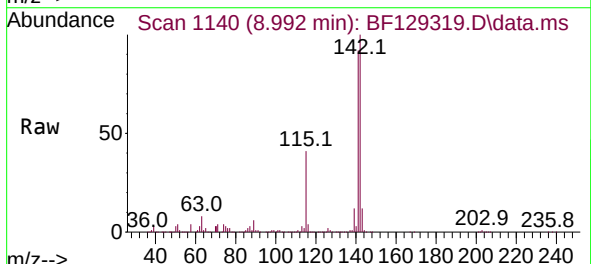
Acq: 22 Jul 2022 17:04

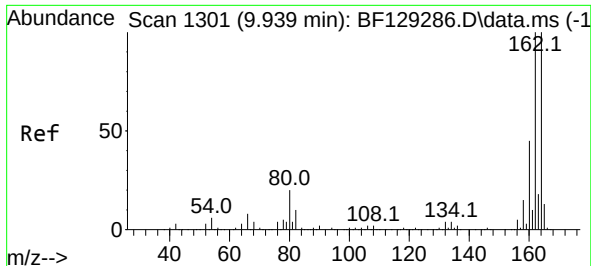
Tgt Ion:142 Resp: 782967

Ion Ratio Lower Upper

142 100

141 91.7 74.2 111.4

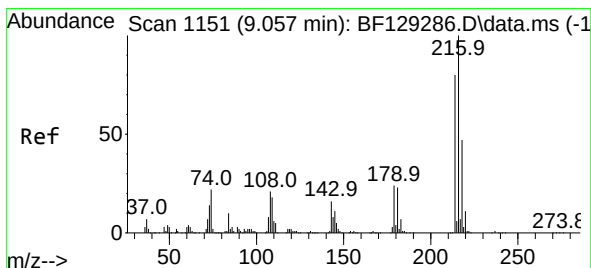
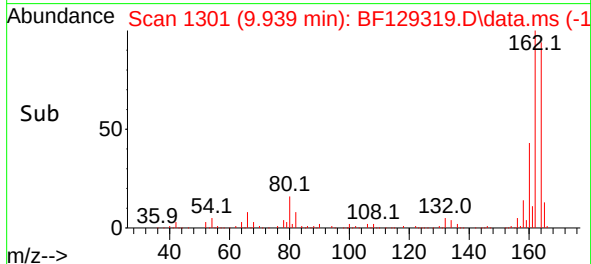
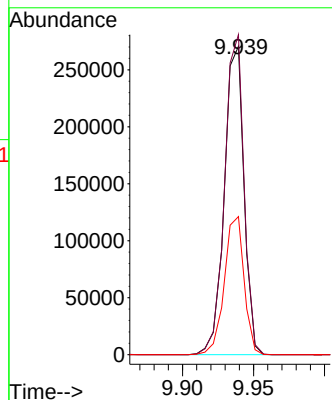
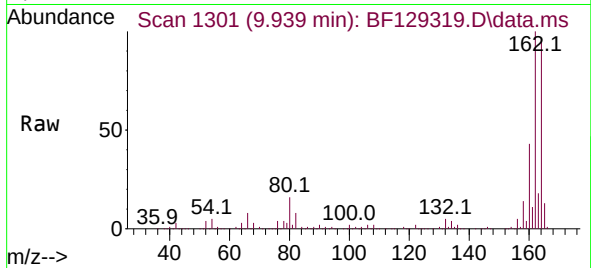




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

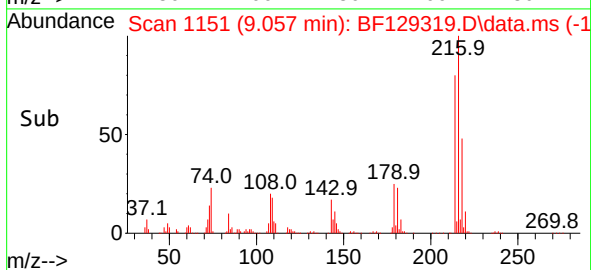
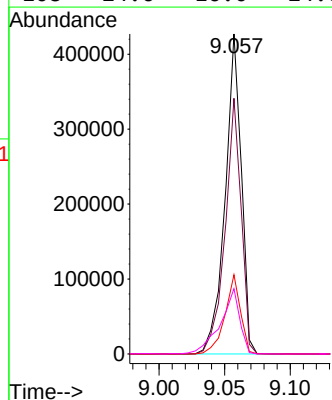
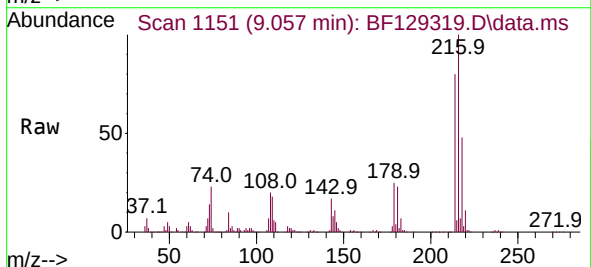
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MSD

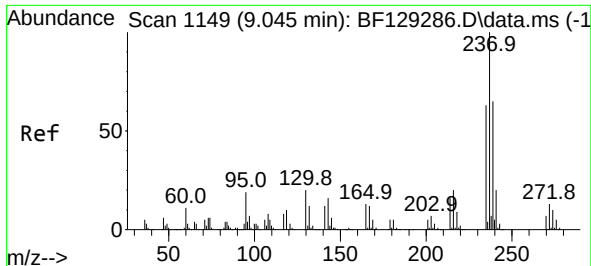
Tgt Ion:164 Resp: 260470
Ion Ratio Lower Upper
164 100
162 103.8 79.5 119.3
160 44.8 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.421 ng
RT: 9.057 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion:216 Resp: 365298
Ion Ratio Lower Upper
216 100
214 78.9 63.6 95.4
179 23.9 17.0 25.6
108 24.6 16.0 24.0#

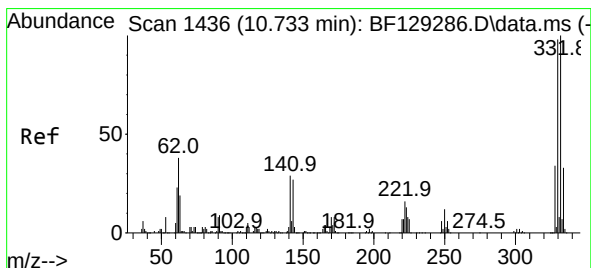
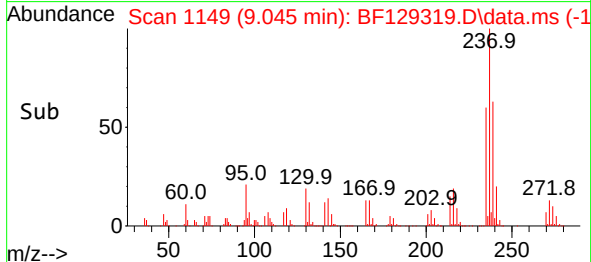
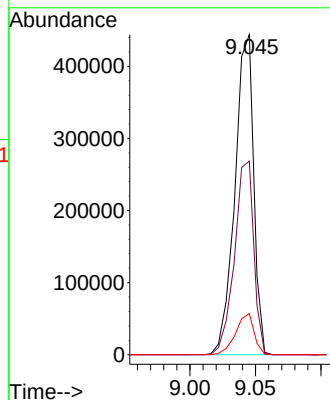
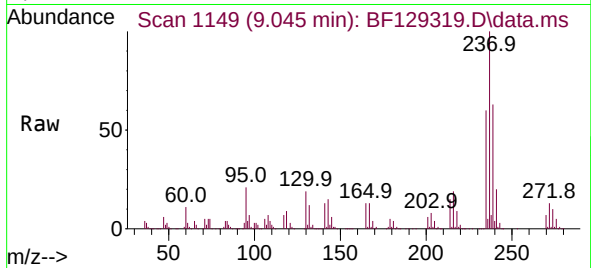




#41
Hexachlorocyclopentadiene
Concen: 147.298 ng
RT: 9.045 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

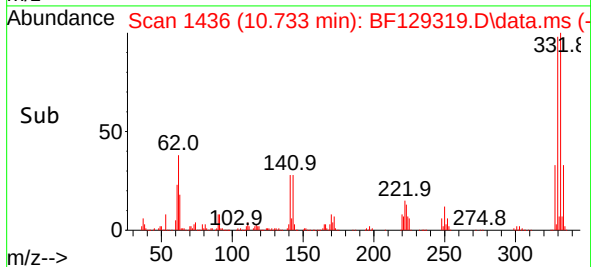
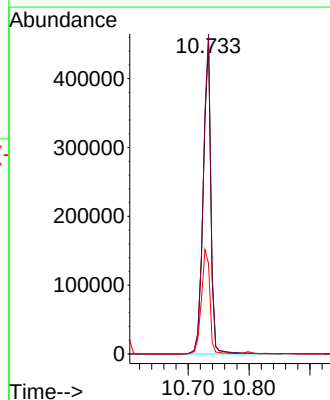
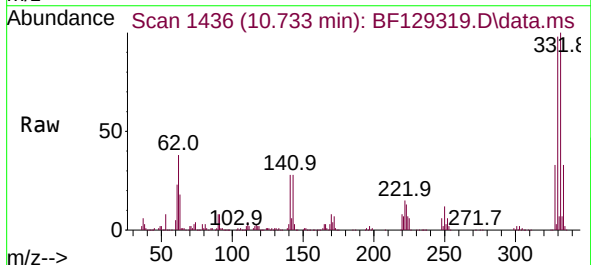
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MSD

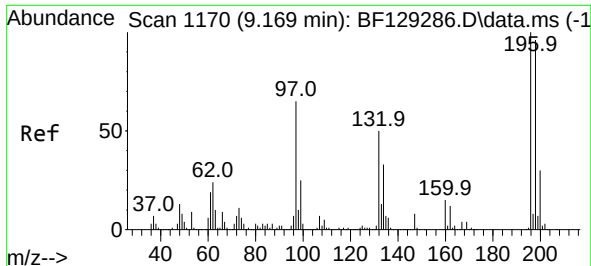
Tgt Ion:237 Resp: 443962
Ion Ratio Lower Upper
237 100
235 60.5 43.2 83.2
272 12.9 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 157.012 ng
RT: 10.733 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion:330 Resp: 394570
Ion Ratio Lower Upper
330 100
332 102.9 76.8 115.2
141 37.2 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 49.412 ng

RT: 9.169 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF129319.D

Acq: 22 Jul 2022 17:04

Instrument :

BNA_F

ClientSampleId :

IDW-VB1-071922MSD

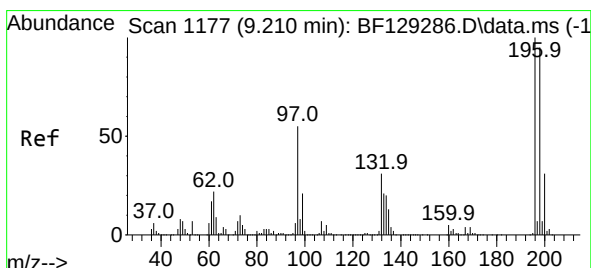
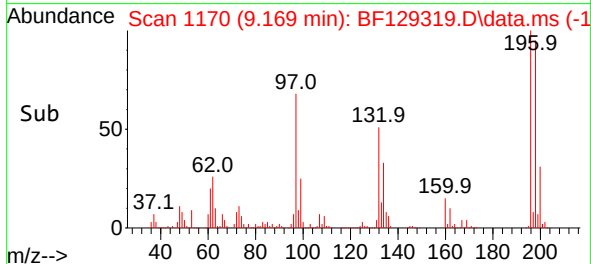
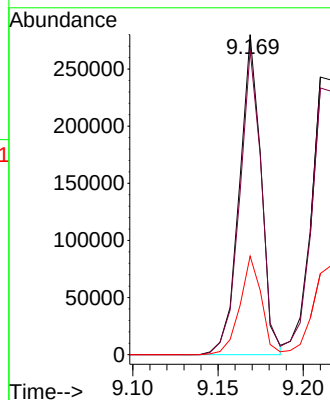
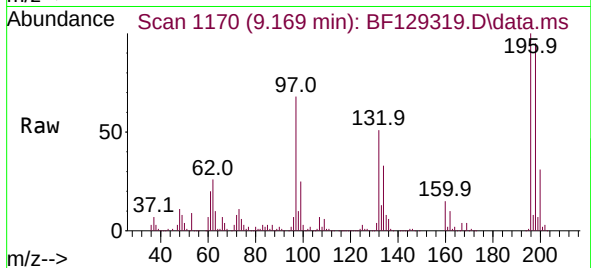
Tgt Ion:196 Resp: 246925

Ion Ratio Lower Upper

196 100

198 95.2 74.0 111.0

200 30.8 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 48.668 ng

RT: 9.210 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF129319.D

Acq: 22 Jul 2022 17:04

Tgt Ion:196 Resp: 263829

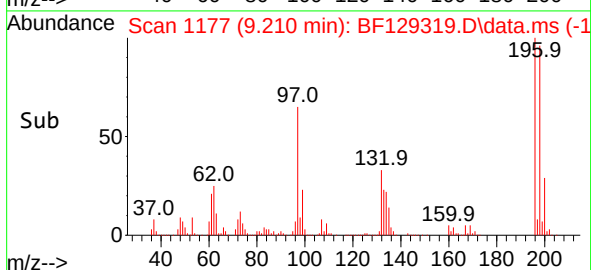
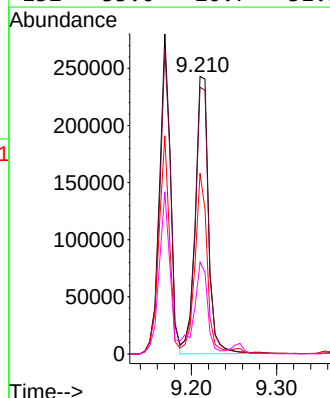
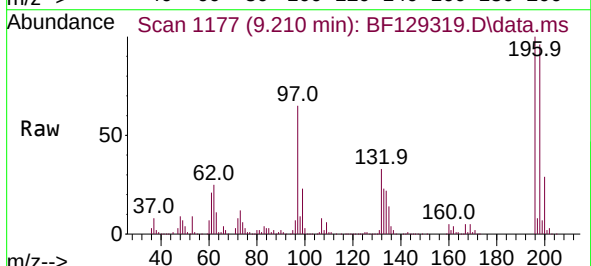
Ion Ratio Lower Upper

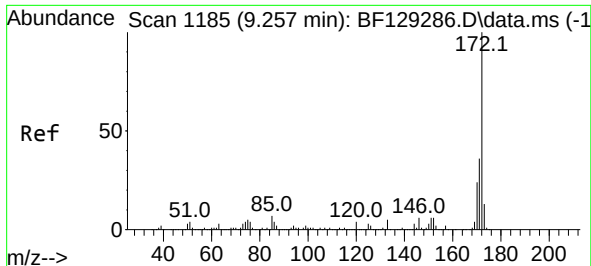
196 100

198 96.1 75.7 113.5

97 65.1 36.4 54.6#

132 33.0 20.7 31.1#

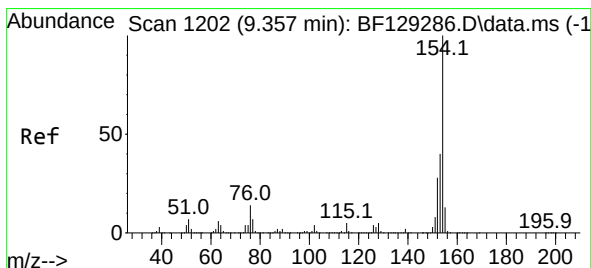
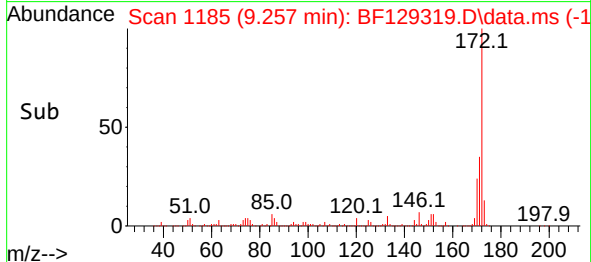
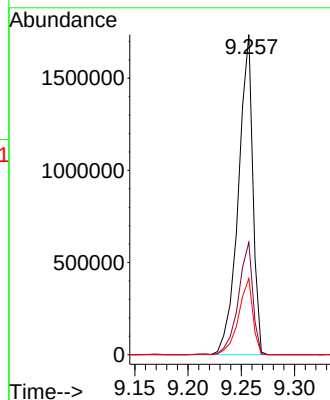
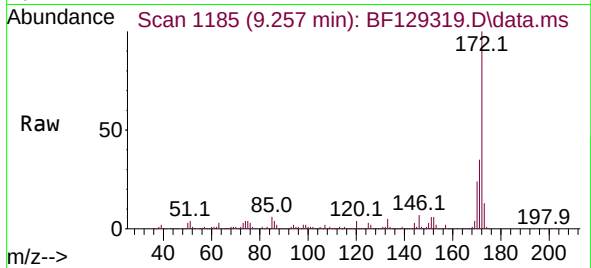




#45
2-Fluorobiphenyl
Concen: 97.425 ng
RT: 9.257 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

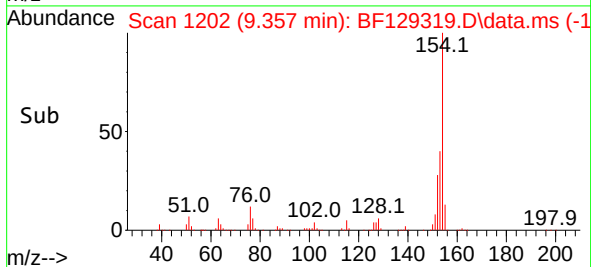
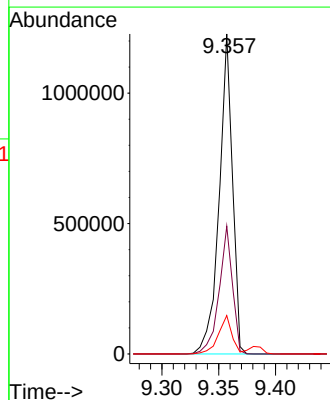
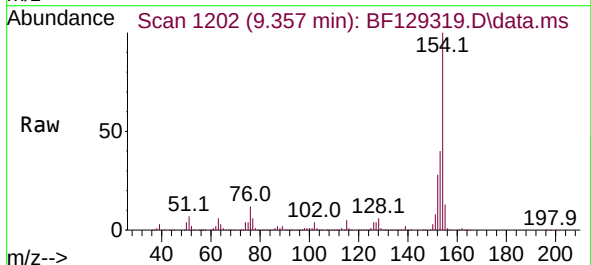
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MSD

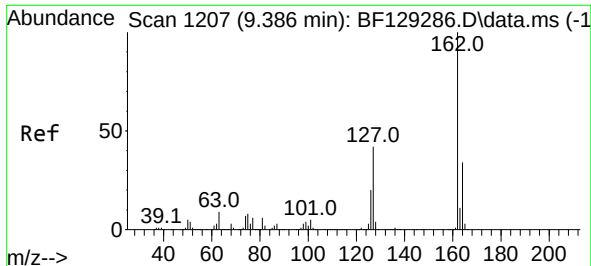
Tgt Ion:172 Resp: 1649573
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.8 19.8 29.8



#46
1,1'-Biphenyl
Concen: 51.947 ng
RT: 9.357 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion:154 Resp: 999812
Ion Ratio Lower Upper
154 100
153 39.9 20.6 60.6
76 12.0 0.0 33.3

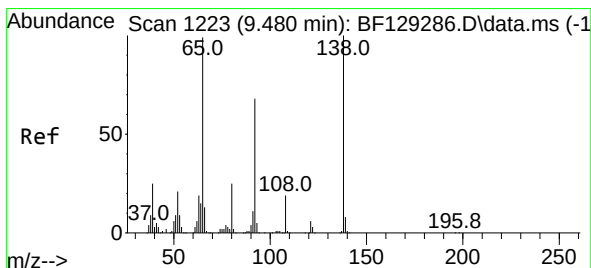
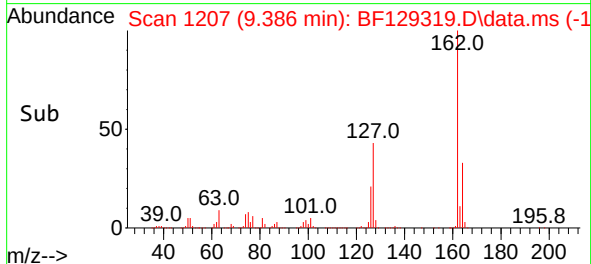
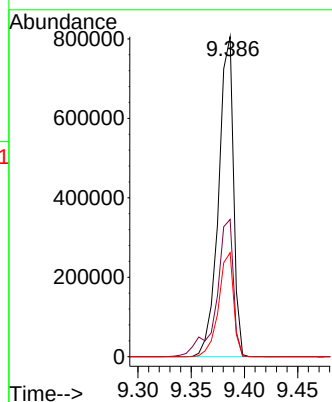
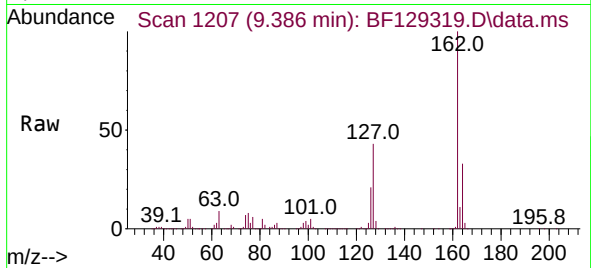




#47
2-Chloronaphthalene
Concen: 50.692 ng
RT: 9.386 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

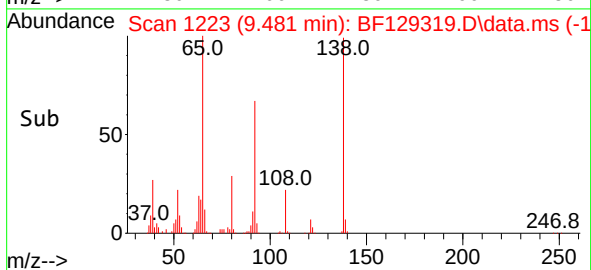
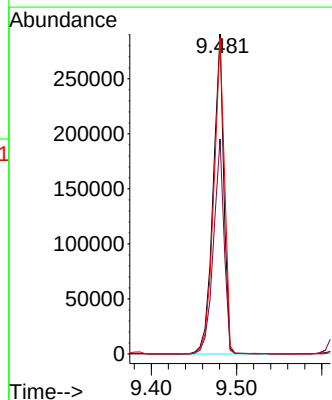
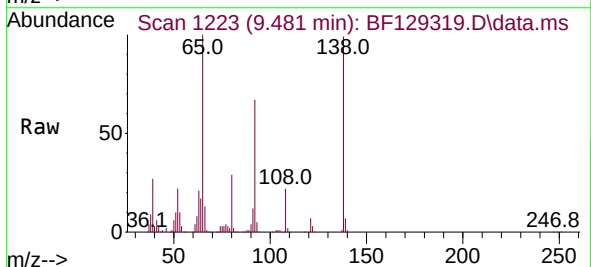
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MSD

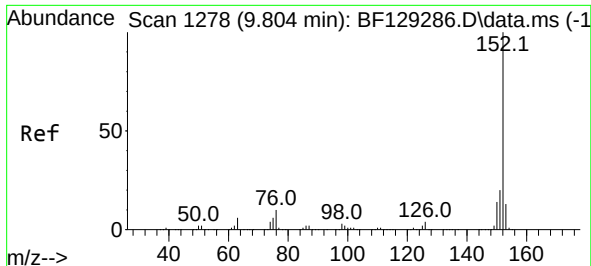
Tgt Ion:162 Resp: 781535
Ion Ratio Lower Upper
162 100
127 42.9 34.5 51.7
164 32.5 26.5 39.7



#48
2-Nitroaniline
Concen: 48.871 ng
RT: 9.481 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion: 65 Resp: 253044
Ion Ratio Lower Upper
65 100
92 67.2 51.9 77.9
138 98.7 76.4 114.6





#49

Acenaphthylene

Concen: 49.690 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129319.D

Acq: 22 Jul 2022 17:04

Instrument :

BNA_F

ClientSampleId :

IDW-VB1-071922MSD

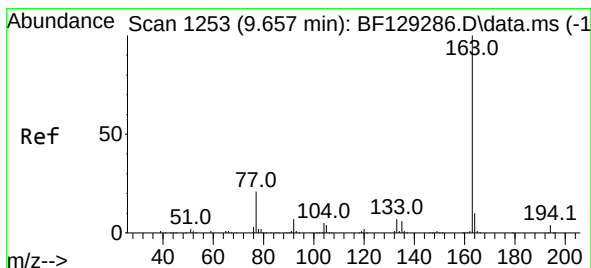
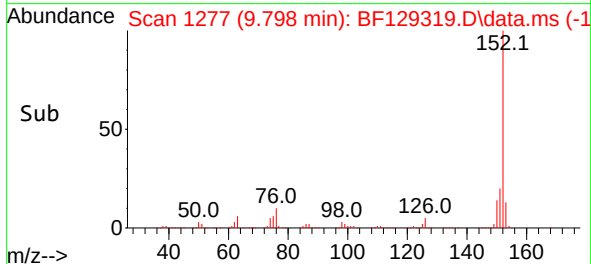
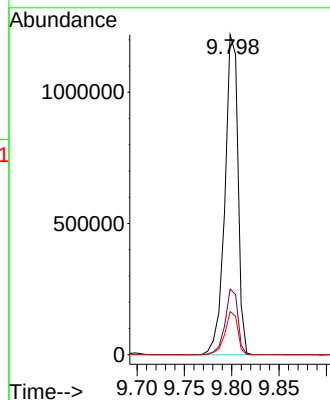
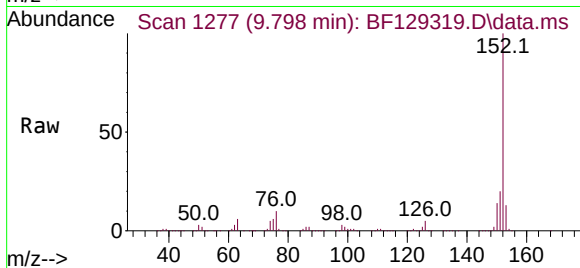
Tgt Ion:152 Resp: 1176448

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

153 13.5 10.7 16.1



#50

Dimethylphthalate

Concen: 49.605 ng

RT: 9.657 min Scan# 1253

Delta R.T. 0.000 min

Lab File: BF129319.D

Acq: 22 Jul 2022 17:04

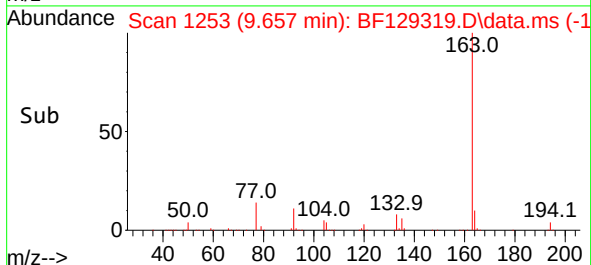
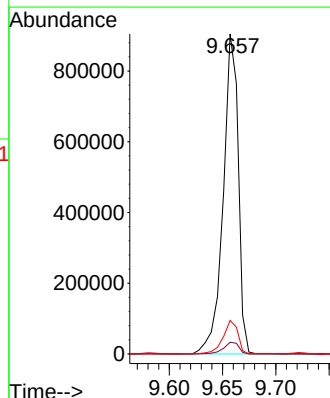
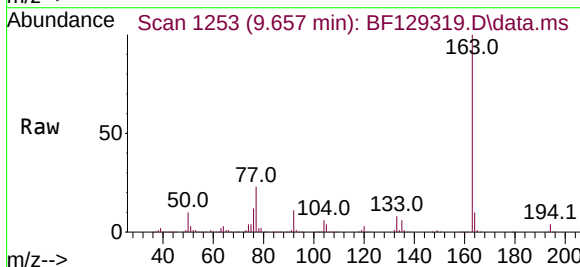
Tgt Ion:163 Resp: 887687

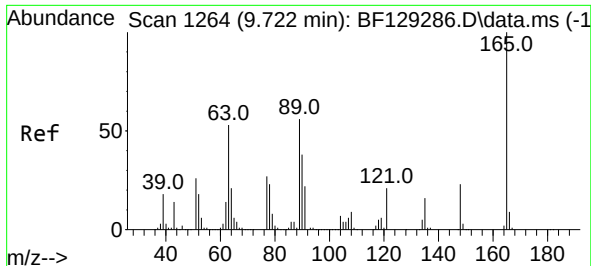
Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

164 10.4 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 49.802 ng

RT: 9.722 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF129319.D

Acq: 22 Jul 2022 17:04

Instrument :

BNA_F

ClientSampleId :

IDW-VB1-071922MSD

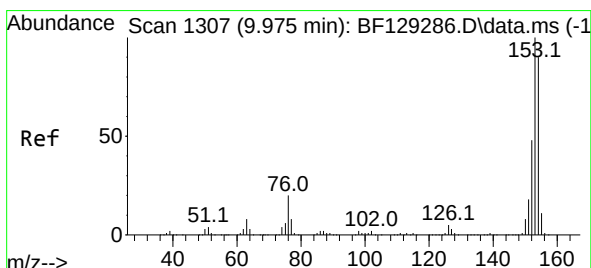
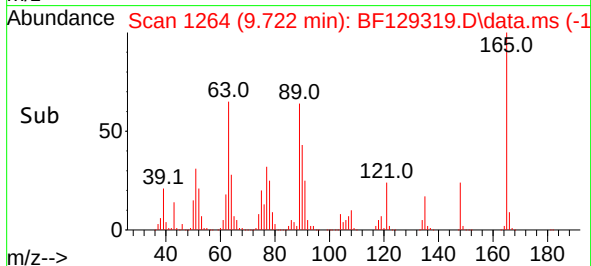
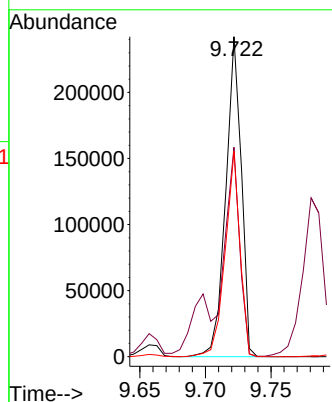
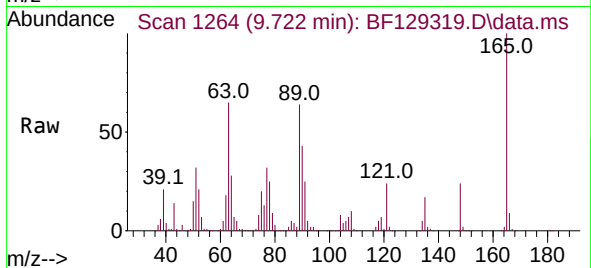
Tgt Ion:165 Resp: 199549

Ion Ratio Lower Upper

165 100

63 65.4 44.9 67.3

89 64.2 43.6 65.4



#52

Acenaphthene

Concen: 48.502 ng

RT: 9.975 min Scan# 1307

Delta R.T. 0.000 min

Lab File: BF129319.D

Acq: 22 Jul 2022 17:04

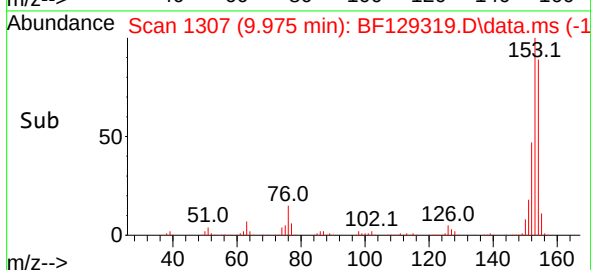
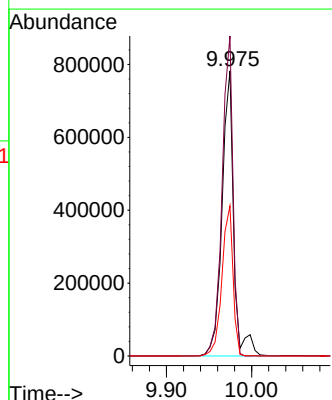
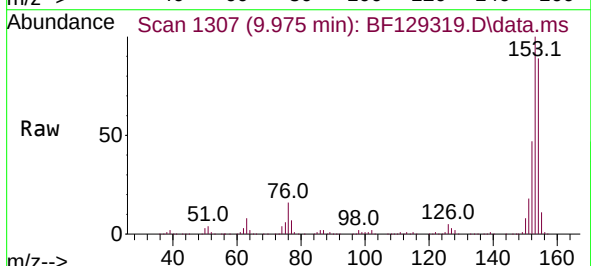
Tgt Ion:154 Resp: 745228

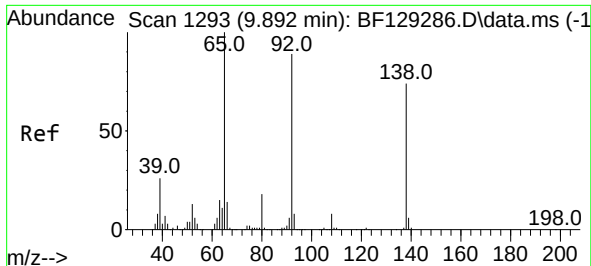
Ion Ratio Lower Upper

154 100

153 112.2 89.6 134.4

152 52.7 42.4 63.6

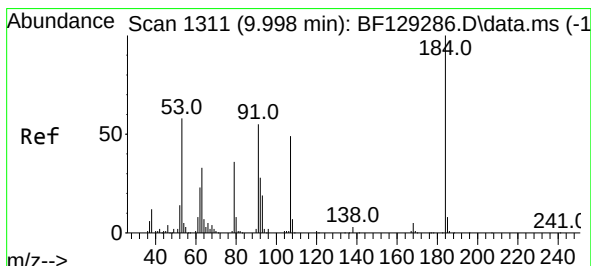
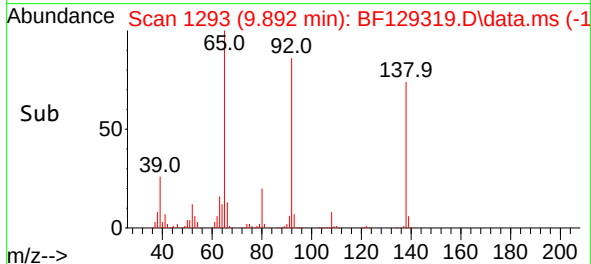
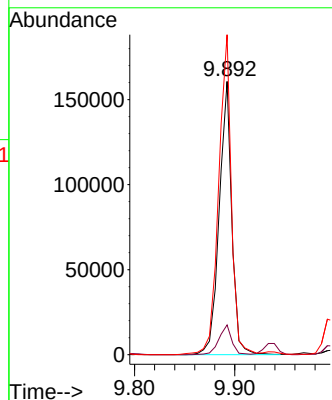
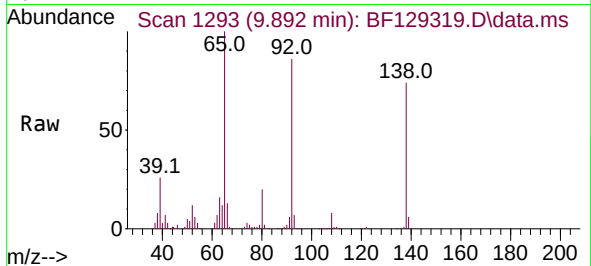




#53
3-Nitroaniline
Concen: 29.298 ng
RT: 9.892 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

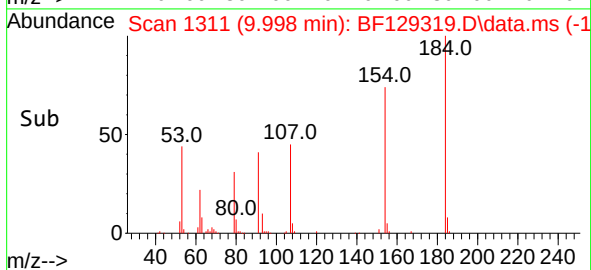
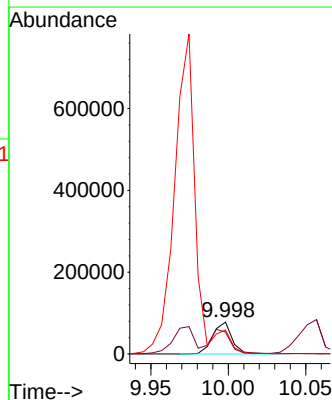
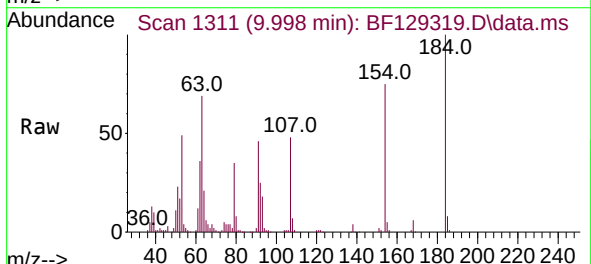
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MSD

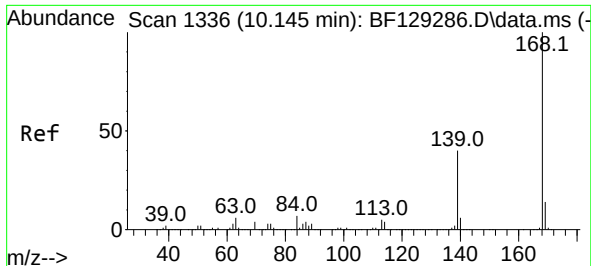
Tgt Ion:138 Resp: 139685
Ion Ratio Lower Upper
138 100
108 10.9 10.9 16.3
92 117.1 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 33.540 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion:184 Resp: 68003
Ion Ratio Lower Upper
184 100
63 68.5 64.5 96.7
154 74.8 50.6 75.8

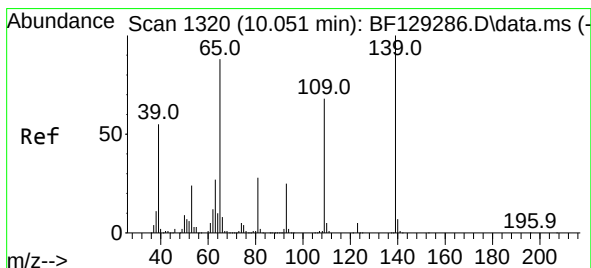
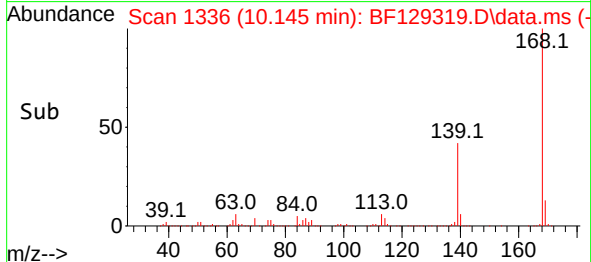
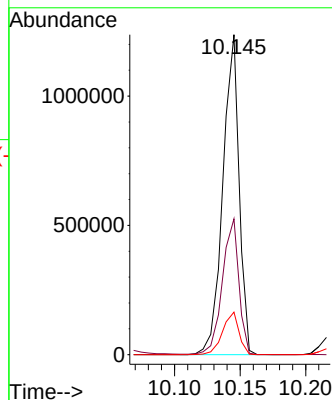
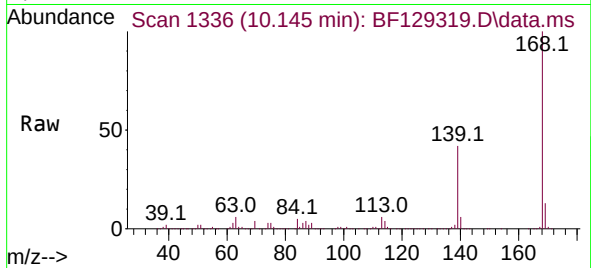




#55
Dibenzenofuran
Concen: 49.789 ng
RT: 10.145 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

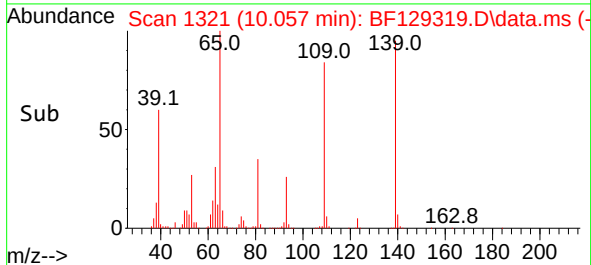
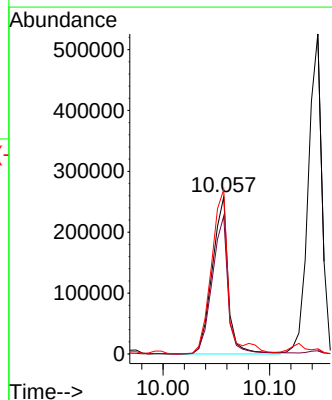
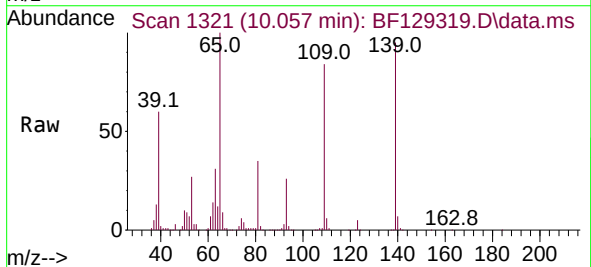
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MSD

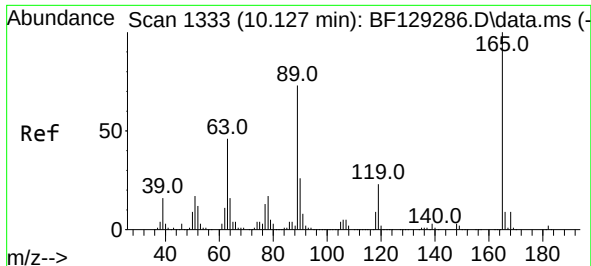
Tgt Ion:168 Resp: 1063077
Ion Ratio Lower Upper
168 100
139 42.5 30.6 46.0
169 13.3 11.0 16.6



#56
4-Nitrophenol
Concen: 77.329 ng
RT: 10.057 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion:139 Resp: 269231
Ion Ratio Lower Upper
139 100
109 87.9 50.7 90.7
65 104.8 74.5 114.5

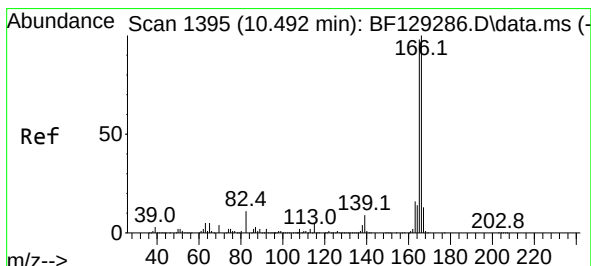
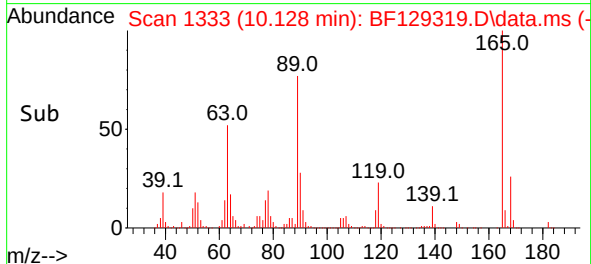
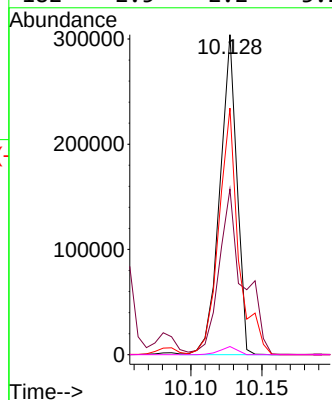
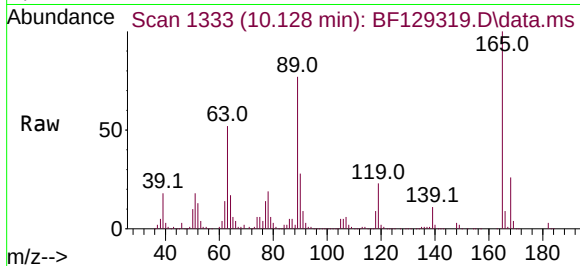




#57
2,4-Dinitrotoluene
Concen: 48.403 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

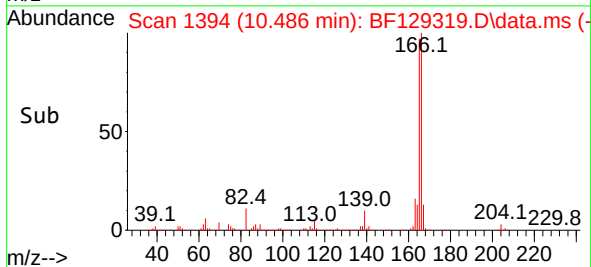
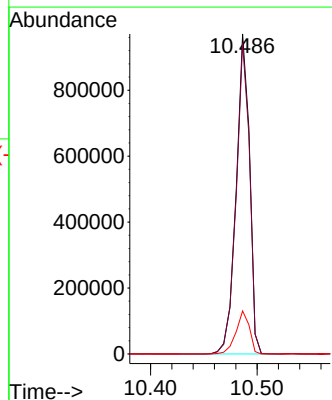
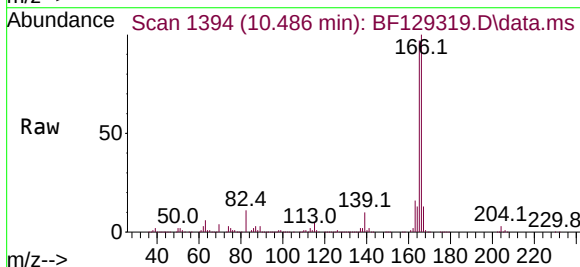
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MSD

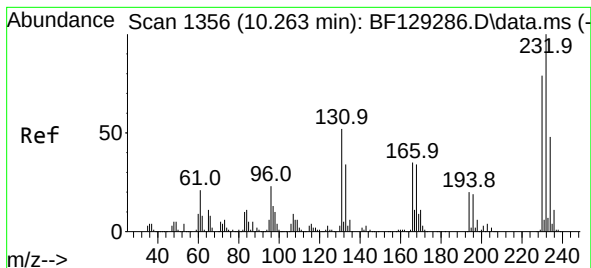
Tgt Ion:165 Resp: 254252
Ion Ratio Lower Upper
165 100
63 51.7 39.8 59.6
89 77.0 60.2 90.2
182 2.5 2.2 3.2



#58
Fluorene
Concen: 49.842 ng
RT: 10.486 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion:166 Resp: 849367
Ion Ratio Lower Upper
166 100
165 97.2 78.1 117.1
167 13.5 10.5 15.7

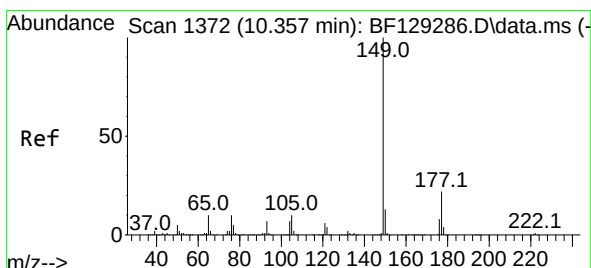
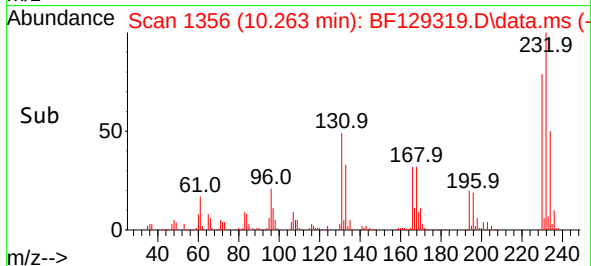
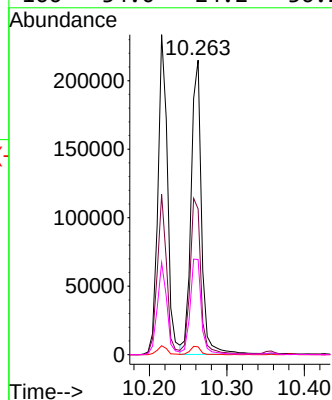
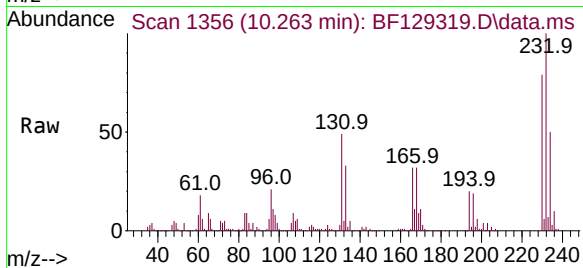




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.950 ng
RT: 10.263 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

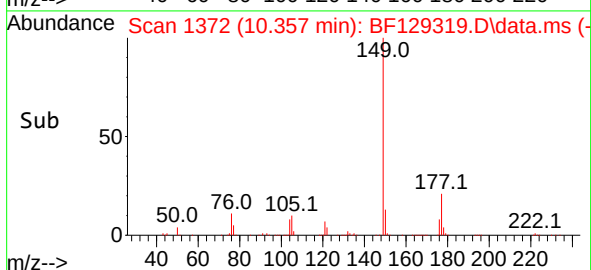
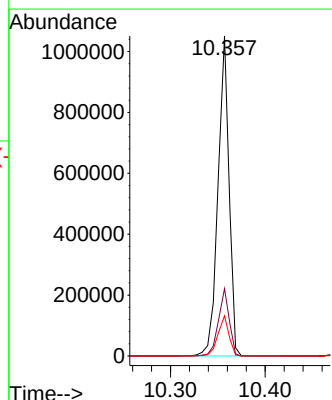
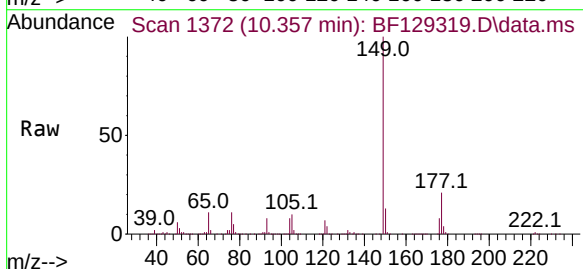
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MSD

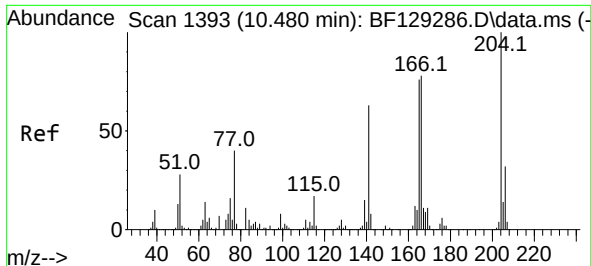
Tgt Ion:232 Resp: 200394
Ion Ratio Lower Upper
232 100
131 54.0 36.1 54.1
130 2.9 1.8 2.8#
166 34.0 24.2 36.2



#60
Diethylphthalate
Concen: 49.278 ng
RT: 10.357 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion:149 Resp: 848438
Ion Ratio Lower Upper
149 100
177 21.0 17.3 25.9
150 12.5 10.2 15.2

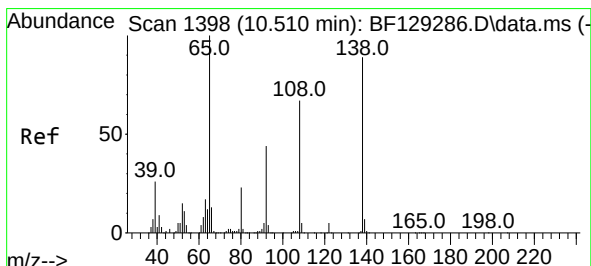
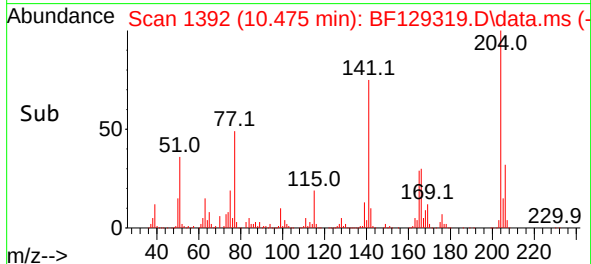
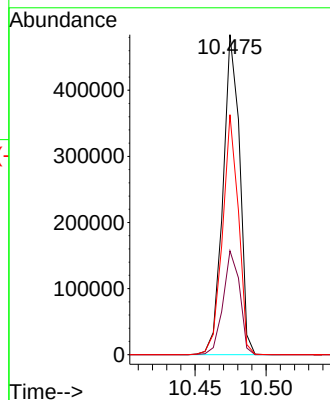
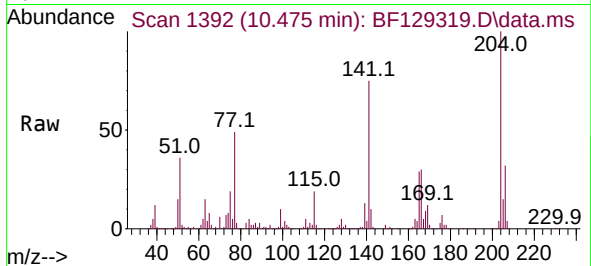




#61
4-Chlorophenyl-phenylether
Concen: 52.711 ng
RT: 10.475 min Scan# 1393
Delta R.T. -0.006 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

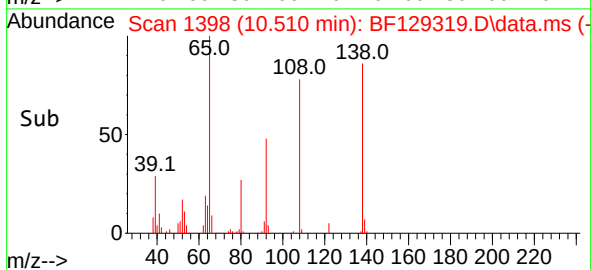
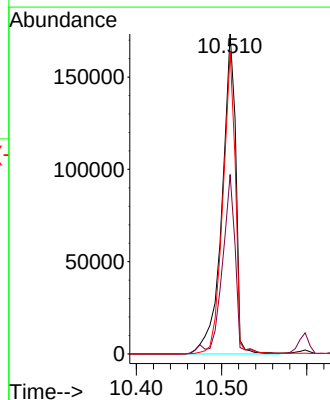
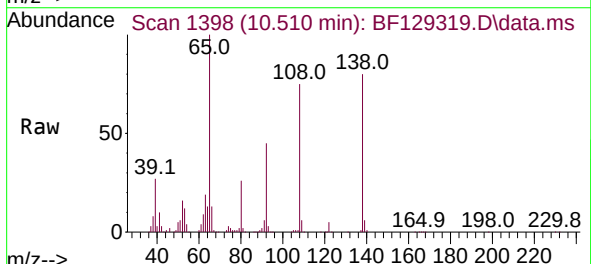
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MSD

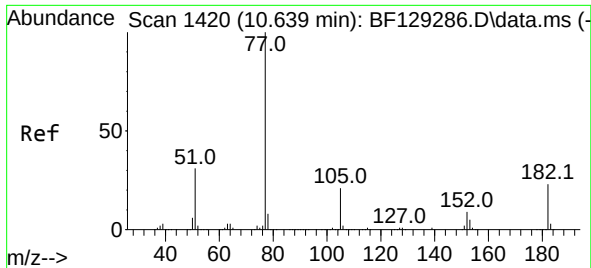
Tgt Ion:204 Resp: 392986
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 75.0 47.0 70.4#



#62
4-Nitroaniline
Concen: 41.258 ng
RT: 10.510 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion:138 Resp: 194284
Ion Ratio Lower Upper
138 100
92 56.1 33.5 73.5
108 94.5 61.0 101.0

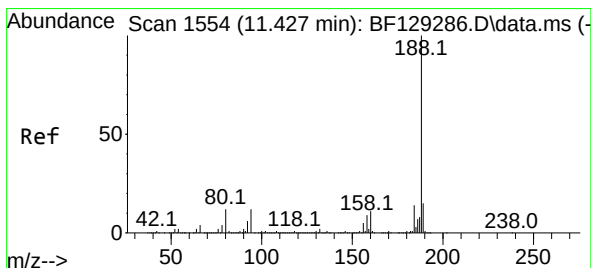
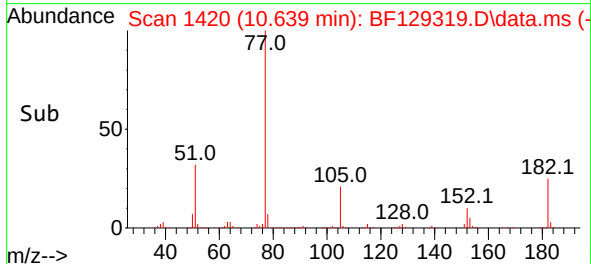
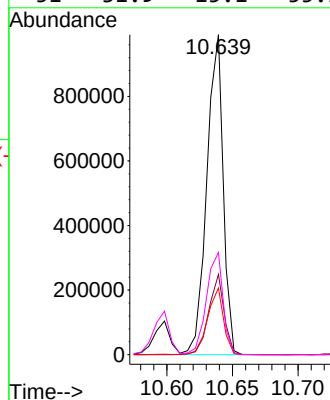
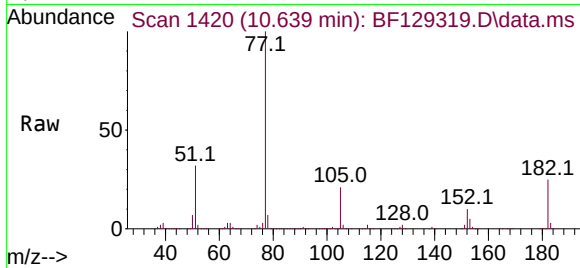




#63
Azobenzene
Concen: 48.437 ng
RT: 10.639 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

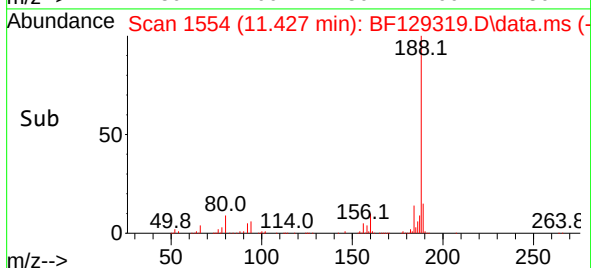
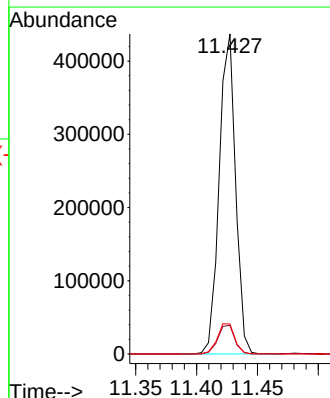
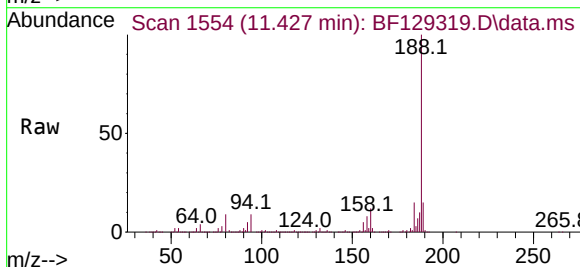
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MSD

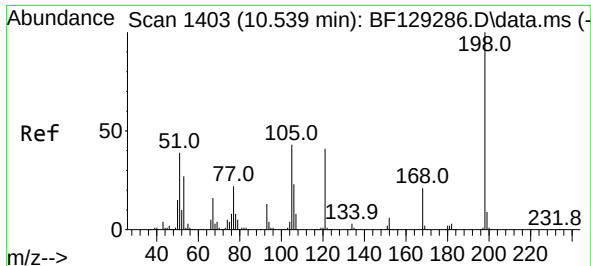
Tgt Ion: 77	Resp: 862784
Ion Ratio	Lower Upper
77 100	
182 25.1	5.6 45.6
105 20.9	1.6 41.6
51 31.9	15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1554
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion:188	Resp: 409809
Ion Ratio	Lower Upper
188 100	
94 8.9	7.0 10.6
80 9.4	7.6 11.4

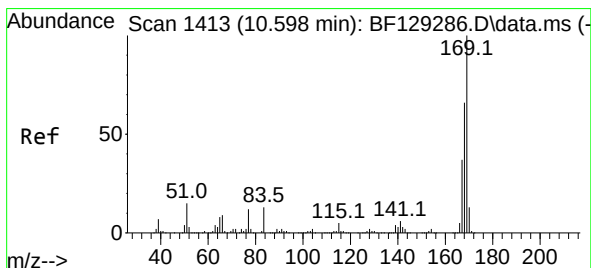
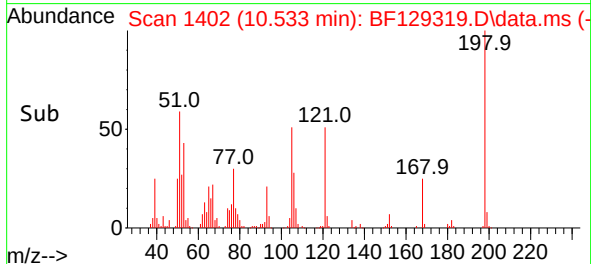
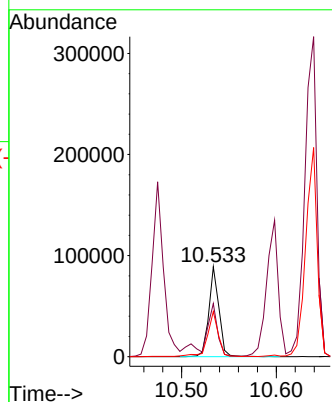
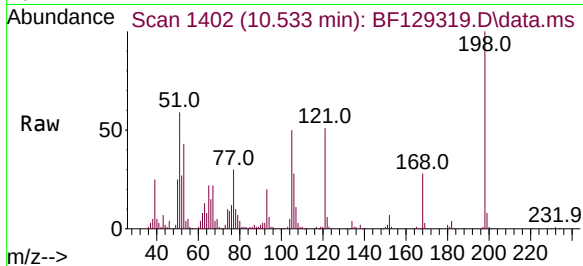




#65
4,6-Dinitro-2-methylphenol
Concen: 26.105 ng
RT: 10.533 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

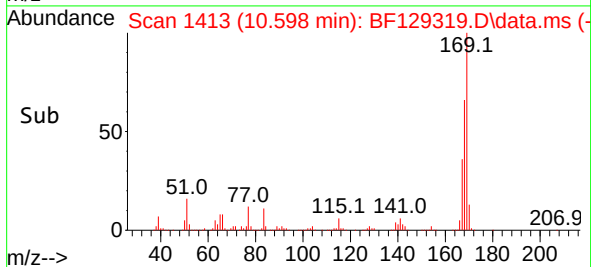
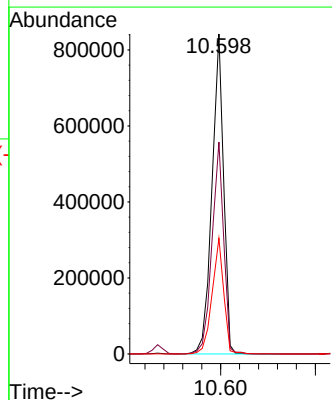
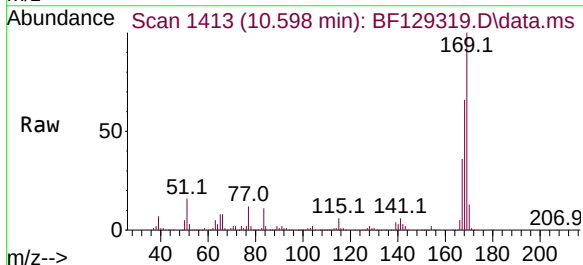
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MSD

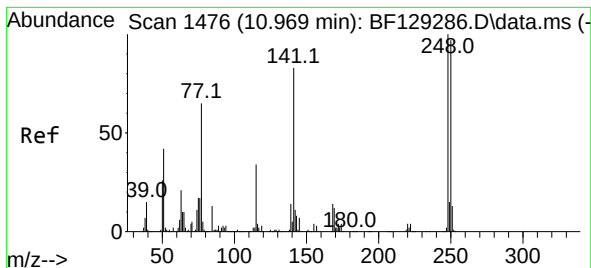
Tgt Ion:198 Resp: 65801
Ion Ratio Lower Upper
198 100
51 59.1 37.6 77.6
105 50.3 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 52.744 ng
RT: 10.598 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion:169 Resp: 714596
Ion Ratio Lower Upper
169 100
168 66.2 50.1 75.1
167 36.1 27.9 41.9

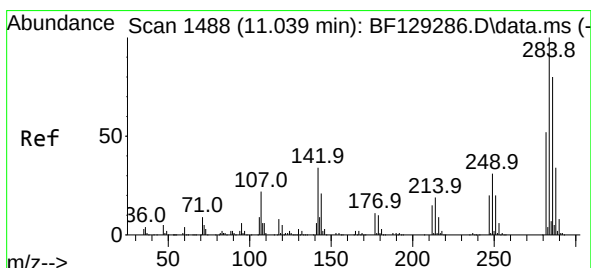
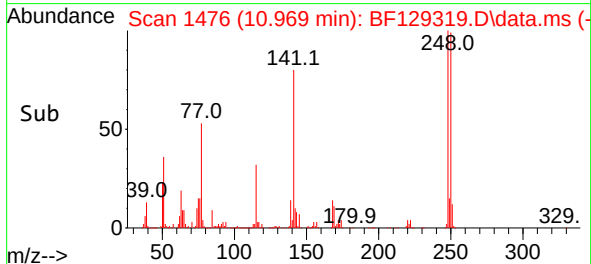
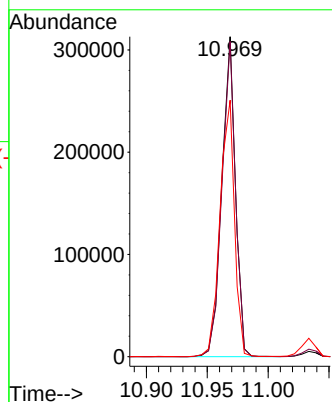
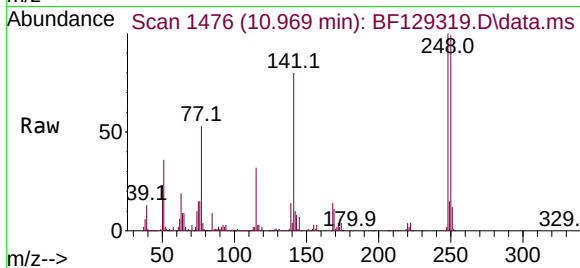




#67
4-Bromophenyl-phenylether
Concen: 55.303 ng
RT: 10.969 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

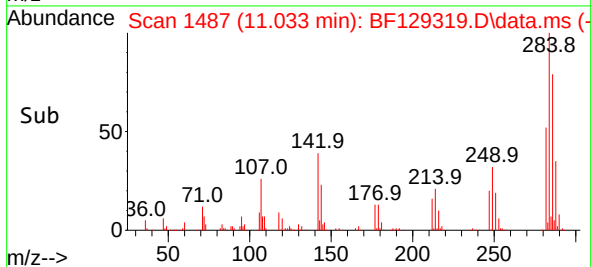
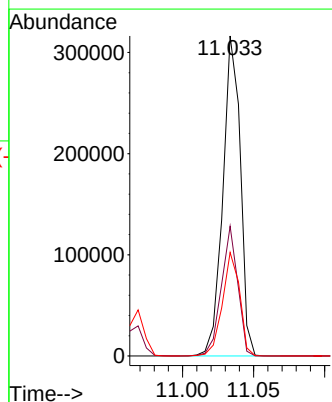
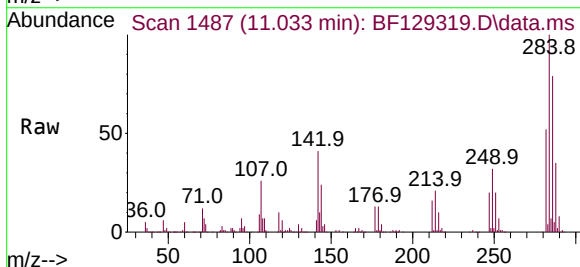
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MSD

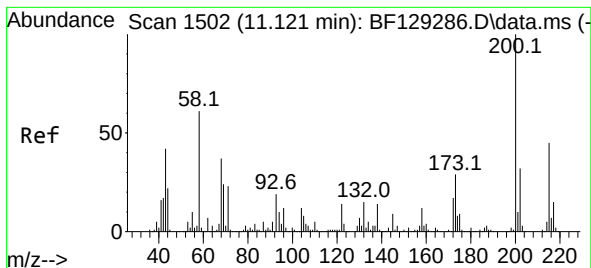
Tgt Ion:248 Resp: 244538
Ion Ratio Lower Upper
248 100
250 98.5 80.6 120.8
141 80.2 58.9 88.3



#68
Hexachlorobenzene
Concen: 55.802 ng
RT: 11.033 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion:284 Resp: 270241
Ion Ratio Lower Upper
284 100
142 40.6 29.0 43.4
249 32.3 25.0 37.6





#69

Atrazine

Concen: 53.950 ng

RT: 11.122 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF129319.D

Acq: 22 Jul 2022 17:04

Instrument :

BNA_F

ClientSampleId :

IDW-VB1-071922MSD

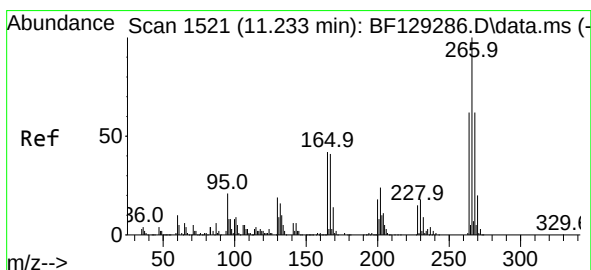
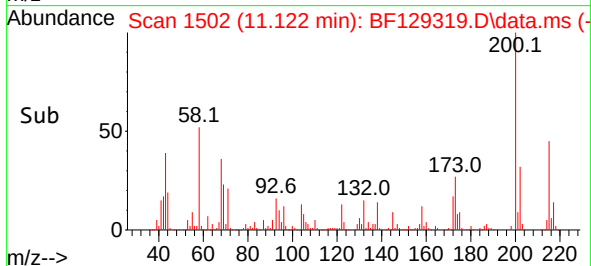
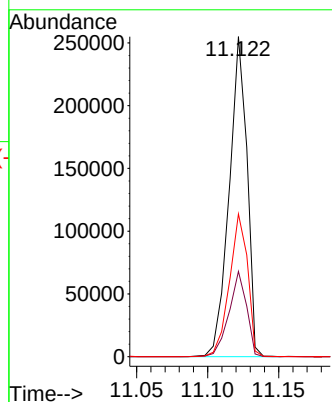
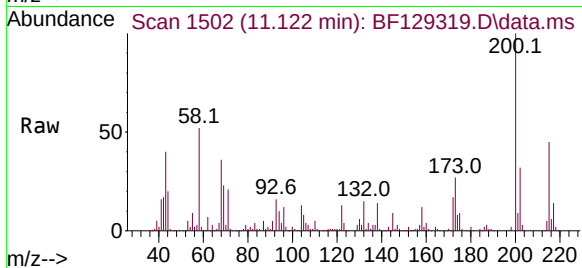
Tgt Ion:200 Resp: 223394

Ion Ratio Lower Upper

200 100

173 26.7 6.3 46.3

215 44.6 28.3 68.3



#70

Pentachlorophenol

Concen: 96.493 ng

RT: 11.227 min Scan# 1520

Delta R.T. -0.006 min

Lab File: BF129319.D

Acq: 22 Jul 2022 17:04

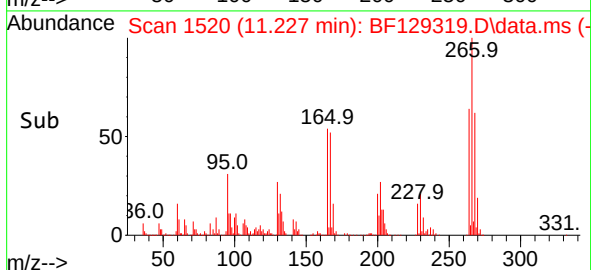
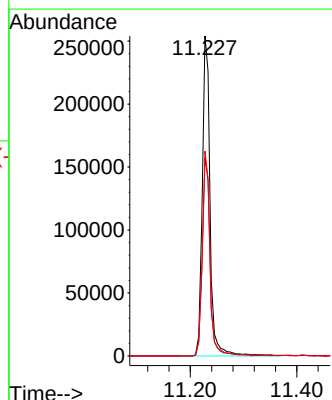
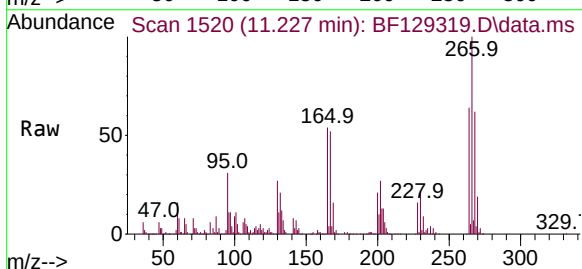
Tgt Ion:266 Resp: 256915

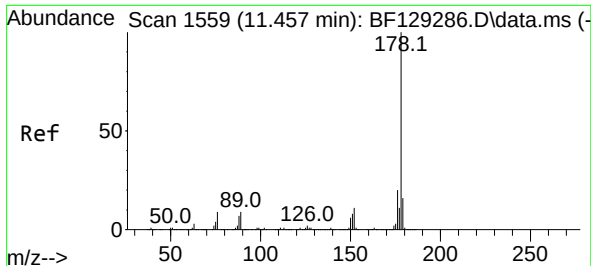
Ion Ratio Lower Upper

266 100

268 62.0 51.0 76.4

264 64.0 49.4 74.2

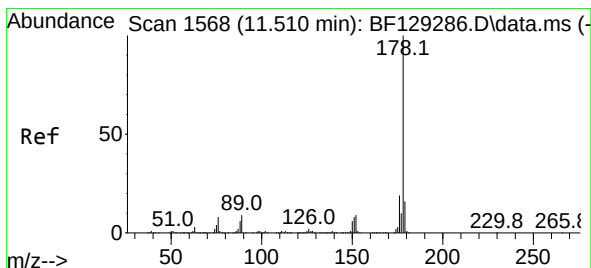
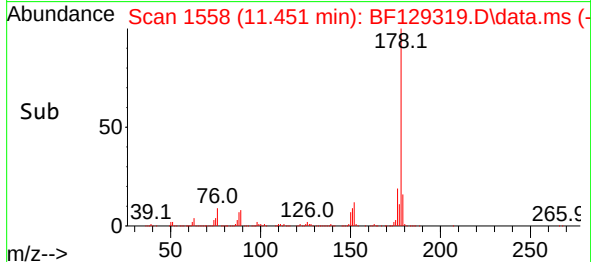
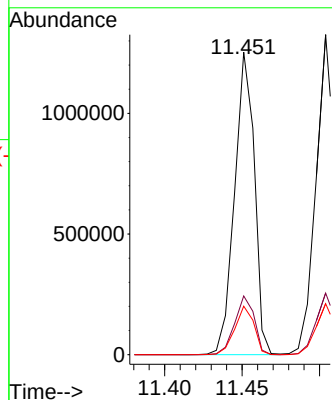
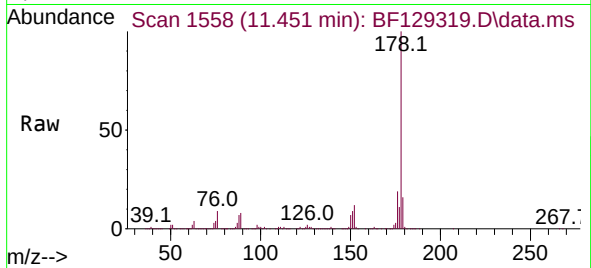




#71
Phenanthrene
Concen: 49.551 ng
RT: 11.451 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

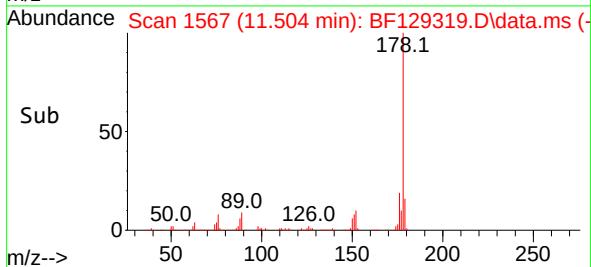
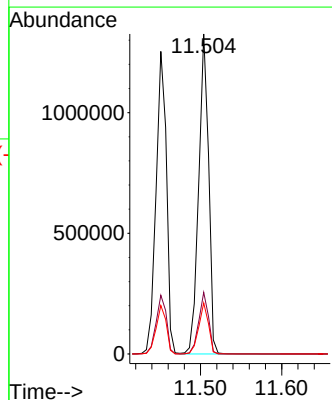
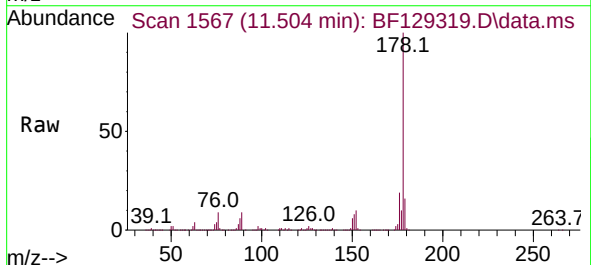
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MSD

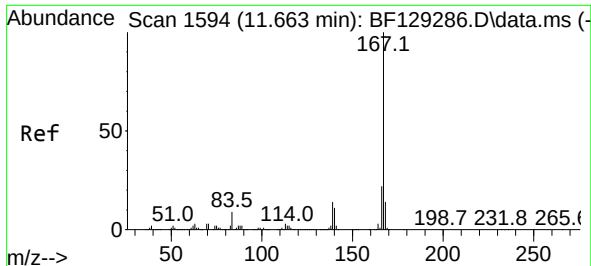
Tgt Ion:178 Resp: 1114570
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 16.0 12.6 19.0



#72
Anthracene
Concen: 50.823 ng
RT: 11.504 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion:178 Resp: 1132745
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.9 12.6 19.0

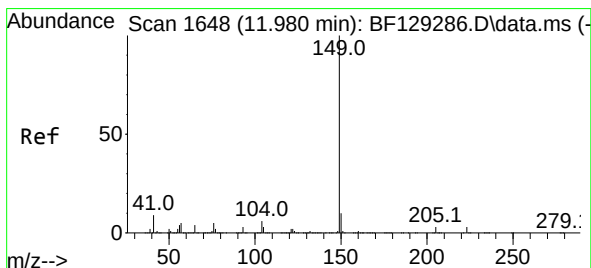
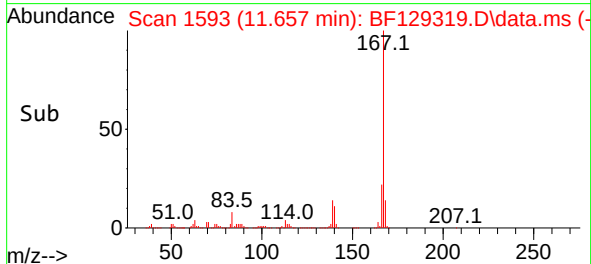
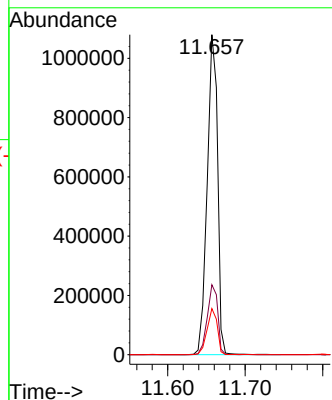
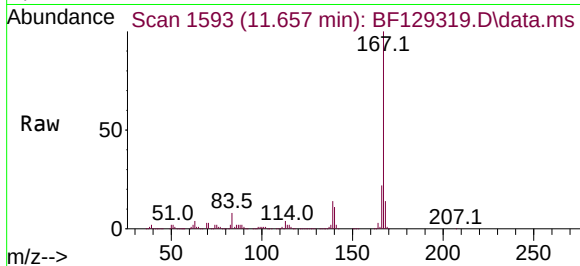




#73
 Carbazole
 Concen: 48.392 ng
 RT: 11.657 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129319.D
 Acq: 22 Jul 2022 17:04

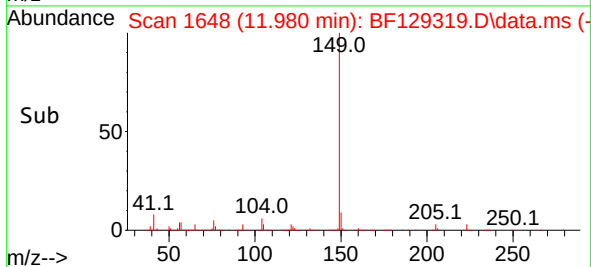
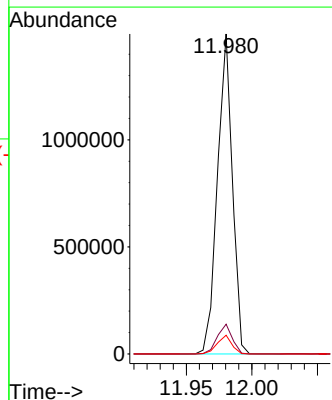
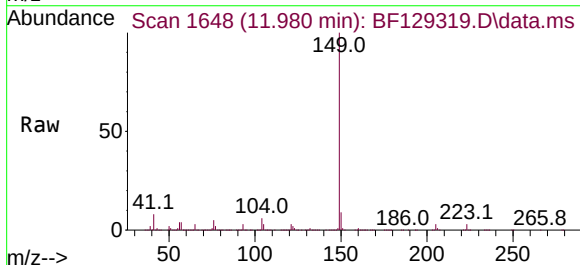
Instrument :
 BNA_F
 ClientSampleId :
 IDW-VB1-071922MSD

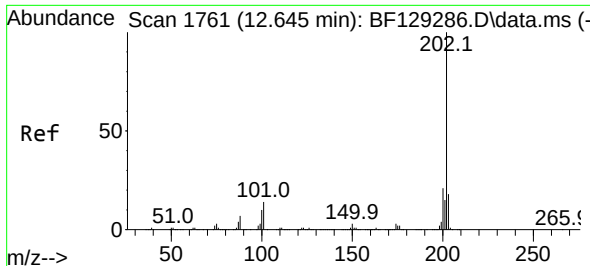
Tgt Ion:167 Resp: 1006071
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 14.4 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 49.266 ng
 RT: 11.980 min Scan# 1648
 Delta R.T. 0.000 min
 Lab File: BF129319.D
 Acq: 22 Jul 2022 17:04

Tgt Ion:149 Resp: 1183434
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.9 4.4 6.6

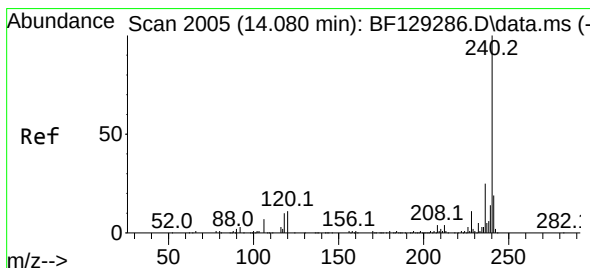
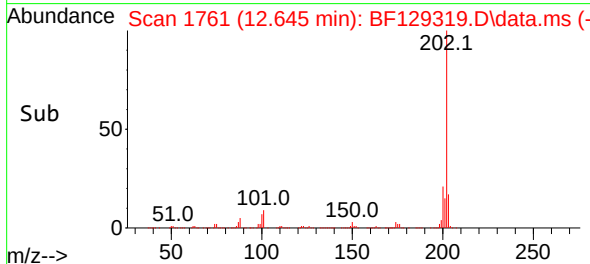
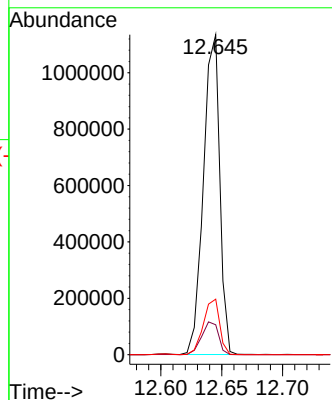
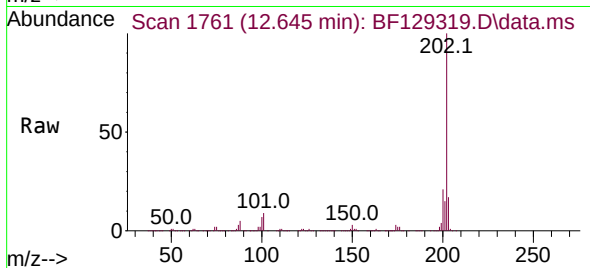




#75
Fluoranthene
Concen: 46.063 ng
RT: 12.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

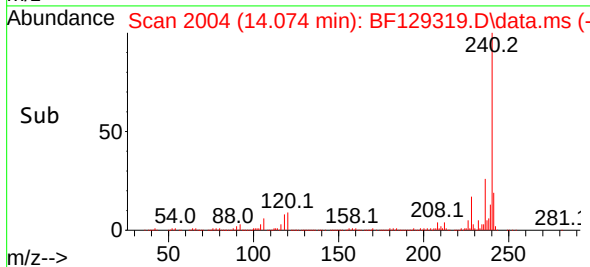
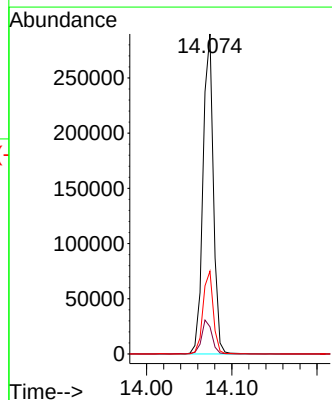
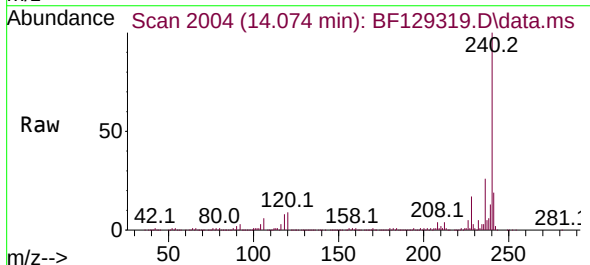
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MSD

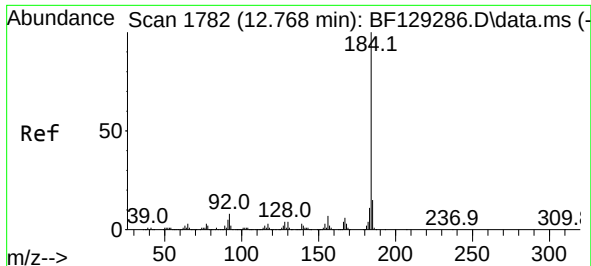
Tgt Ion:202 Resp: 1055954
Ion Ratio Lower Upper
202 100
101 9.4 0.0 31.4
203 17.4 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion:240 Resp: 244576
Ion Ratio Lower Upper
240 100
120 8.5 8.9 13.3#
236 25.8 20.8 31.2

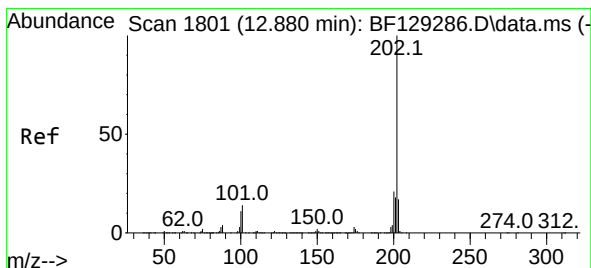
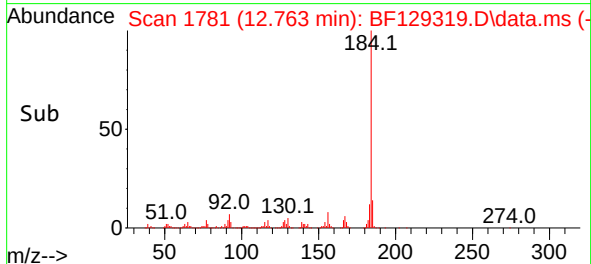
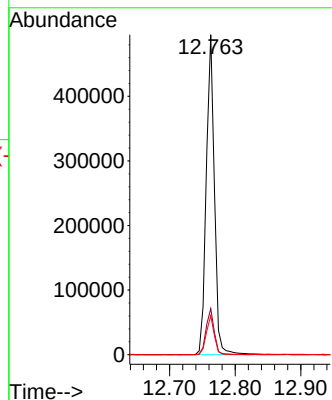
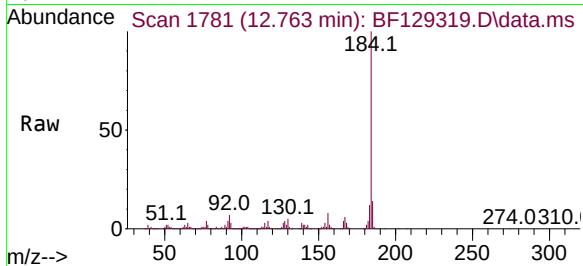




#77
Benzidine
Concen: 44.196 ng
RT: 12.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

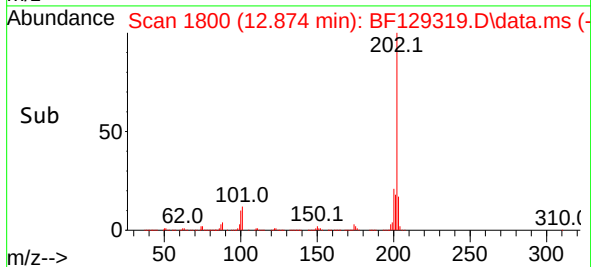
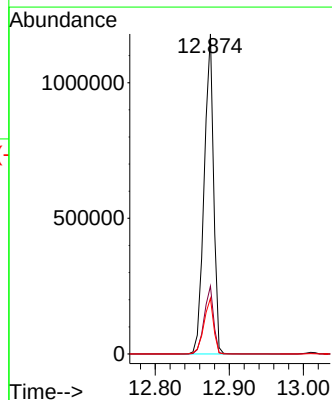
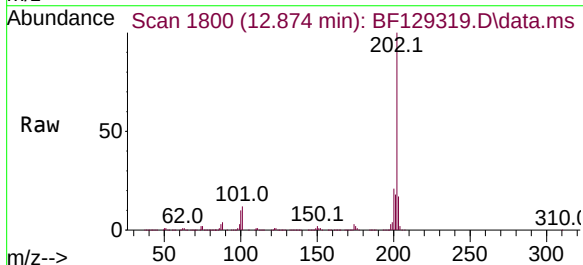
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MSD

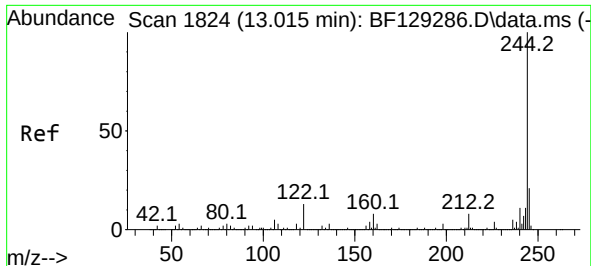
Tgt Ion:184 Resp: 430769
Ion Ratio Lower Upper
184 100
185 14.4 11.9 17.9
183 12.2 9.3 13.9



#78
Pyrene
Concen: 49.840 ng
RT: 12.874 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

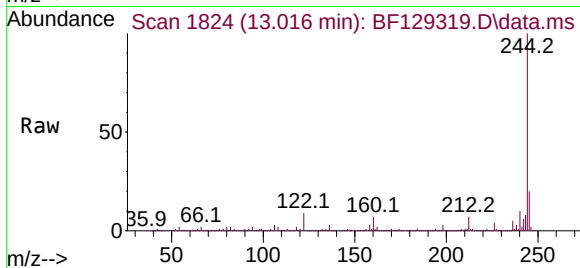
Tgt Ion:202 Resp: 1042561
Ion Ratio Lower Upper
202 100
200 21.2 17.7 26.5
203 17.4 14.6 21.8



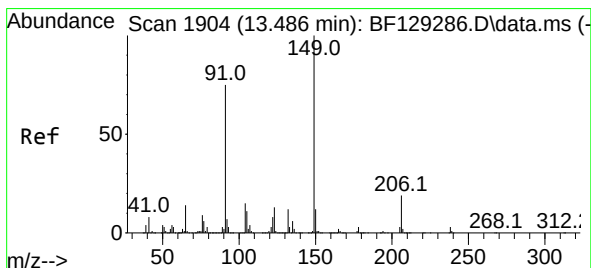
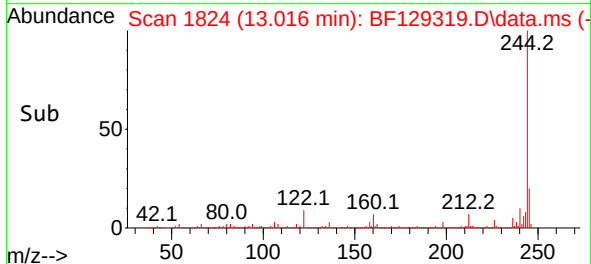
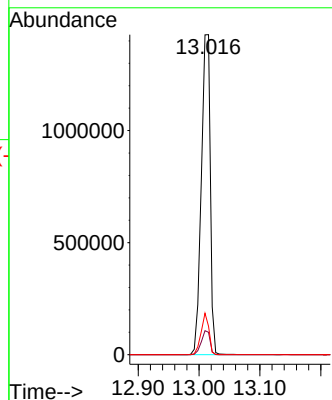


#79
 Terphenyl-d14
 Concen: 110.830 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF129319.D
 Acq: 22 Jul 2022 17:04

Instrument :
 BNA_F
 ClientSampleId :
 IDW-VB1-071922MSD

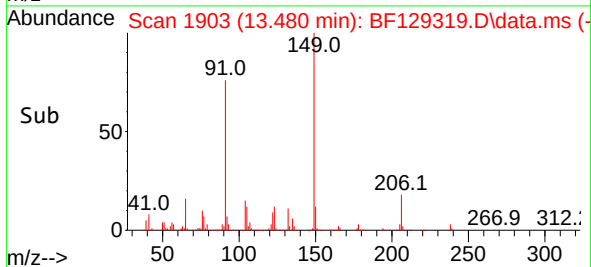
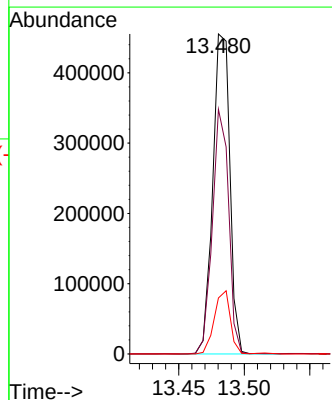
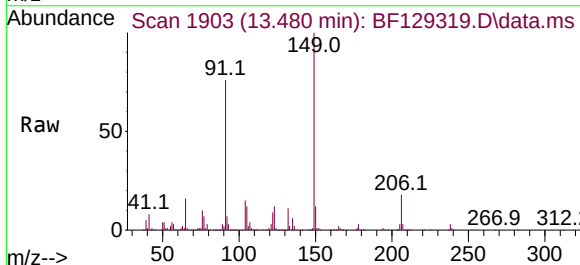


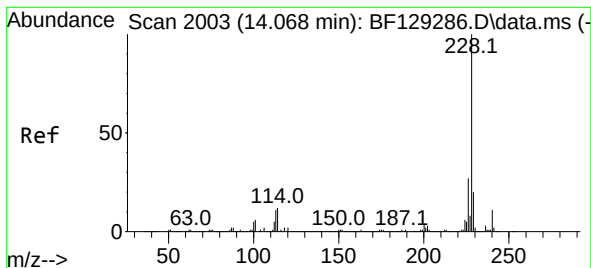
Tgt Ion:244 Resp: 1455421
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 8.9 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 48.501 ng
 RT: 13.480 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: BF129319.D
 Acq: 22 Jul 2022 17:04

Tgt Ion:149 Resp: 413984
 Ion Ratio Lower Upper
 149 100
 91 76.4 61.2 91.8
 206 17.5 15.7 23.5





#81

Benzo(a)anthracene

Concen: 48.092 ng

RT: 14.063 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BF129319.D

Acq: 22 Jul 2022 17:04

Instrument :

BNA_F

ClientSampleId :

IDW-VB1-071922MSD

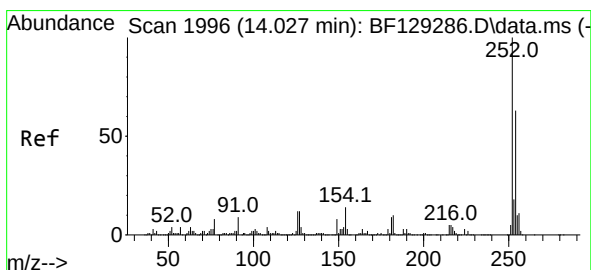
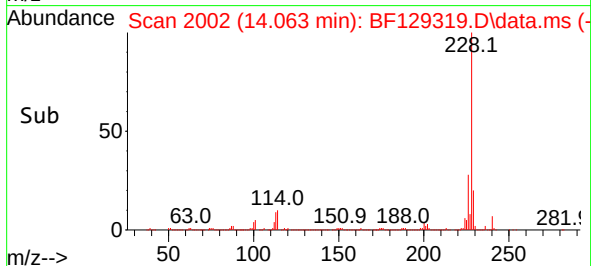
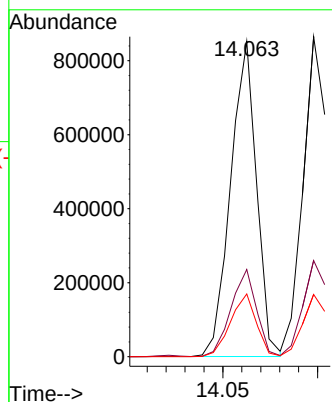
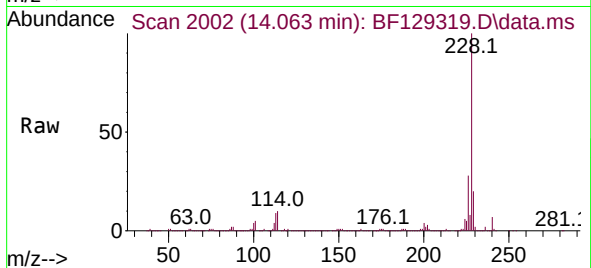
Tgt Ion:228 Resp: 809942

Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 29.908 ng

RT: 14.021 min Scan# 1995

Delta R.T. -0.006 min

Lab File: BF129319.D

Acq: 22 Jul 2022 17:04

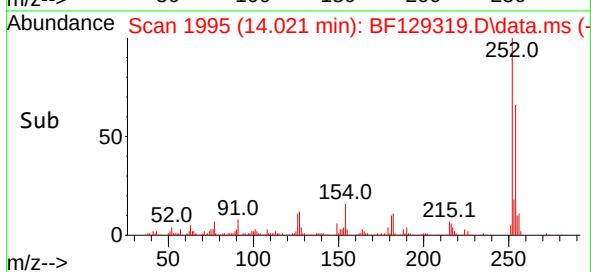
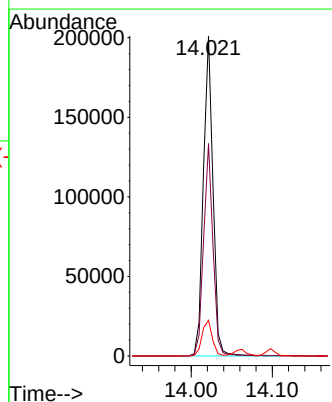
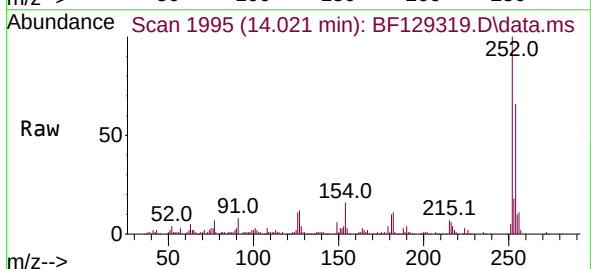
Tgt Ion:252 Resp: 165335

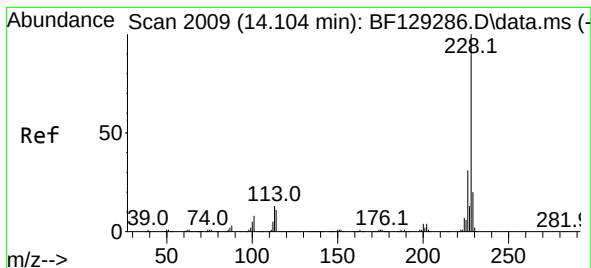
Ion Ratio Lower Upper

252 100

254 66.3 50.2 75.4

126 11.1 8.2 12.4





#83

Chrysene

Concen: 47.847 ng

RT: 14.098 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF129319.D

Acq: 22 Jul 2022 17:04

Instrument :

BNA_F

ClientSampleId :

IDW-VB1-071922MSD

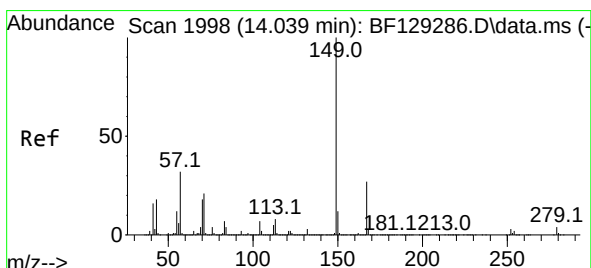
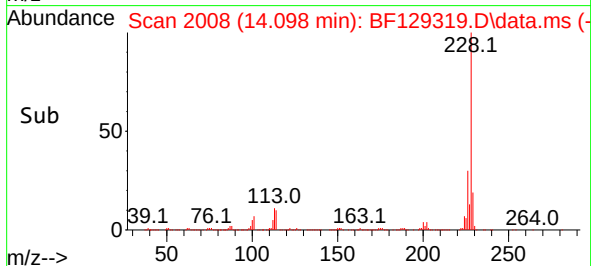
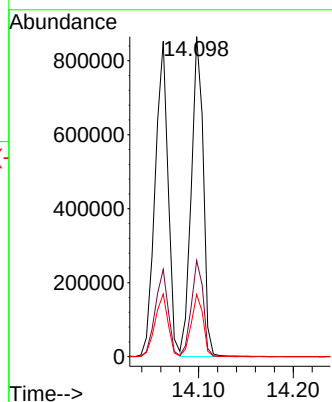
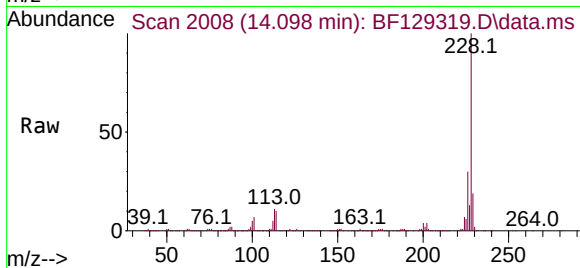
Tgt Ion:228 Resp: 760571

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

229 19.5 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.595 ng

RT: 14.039 min Scan# 1998

Delta R.T. 0.000 min

Lab File: BF129319.D

Acq: 22 Jul 2022 17:04

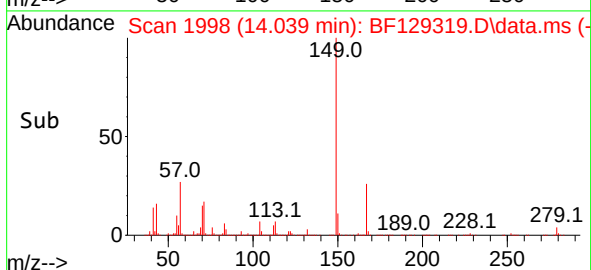
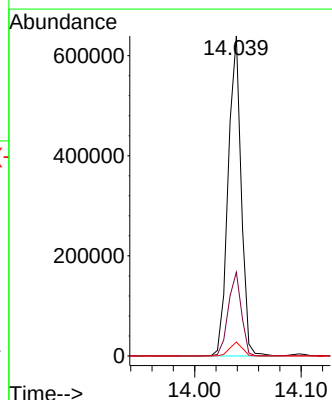
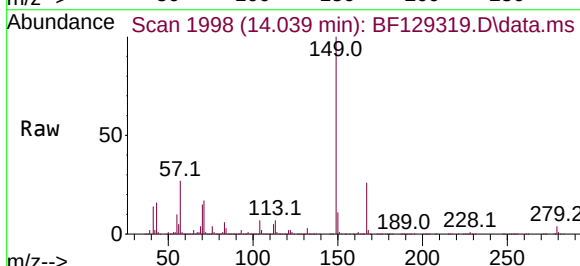
Tgt Ion:149 Resp: 540833

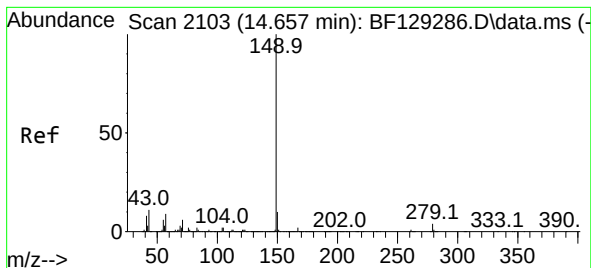
Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

279 4.4 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 57.196 ng

RT: 14.651 min Scan# 2102

Delta R.T. -0.006 min

Lab File: BF129319.D

Acq: 22 Jul 2022 17:04

Instrument :

BNA_F

ClientSampleId :

IDW-VB1-071922MSD

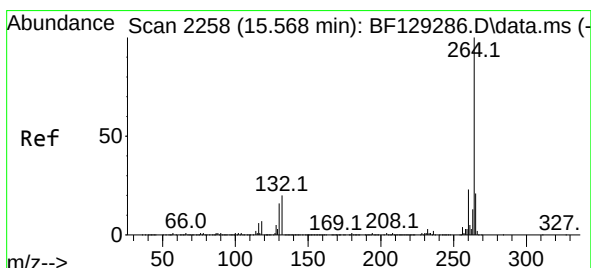
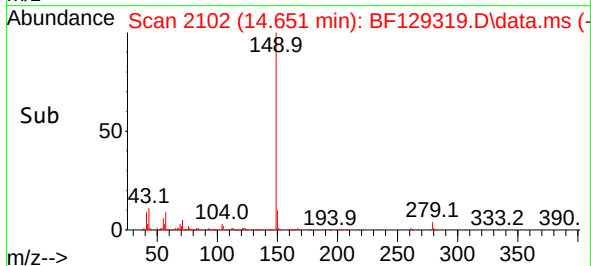
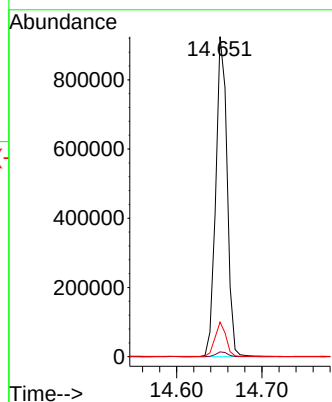
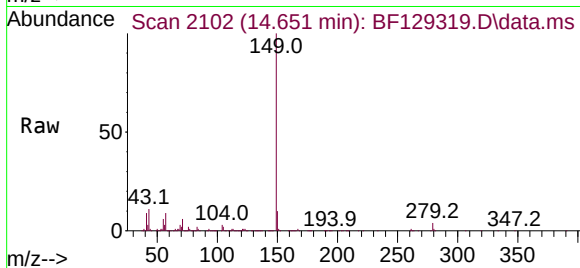
Tgt Ion:149 Resp: 858013

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.2 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2257

Delta R.T. -0.006 min

Lab File: BF129319.D

Acq: 22 Jul 2022 17:04

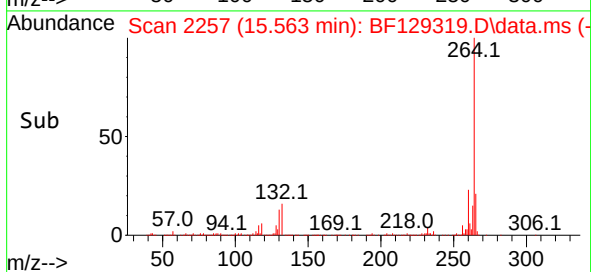
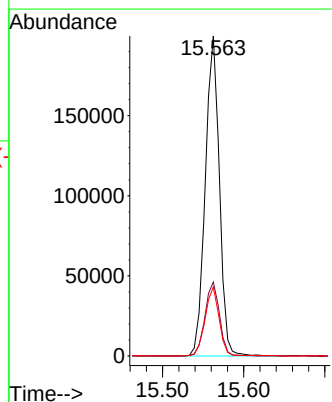
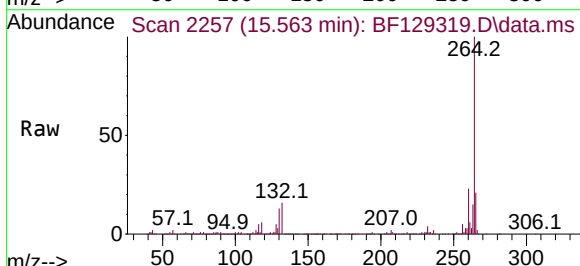
Tgt Ion:264 Resp: 240105

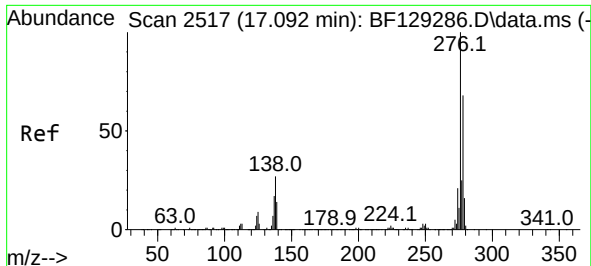
Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 21.5 17.2 25.8

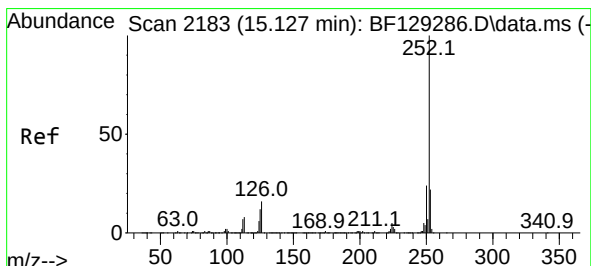
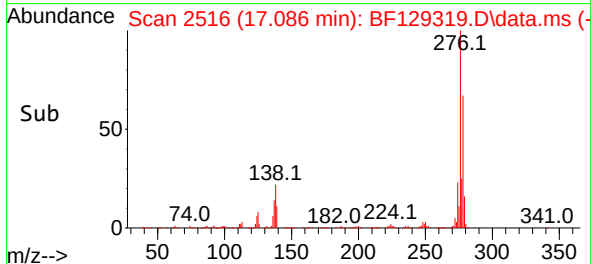
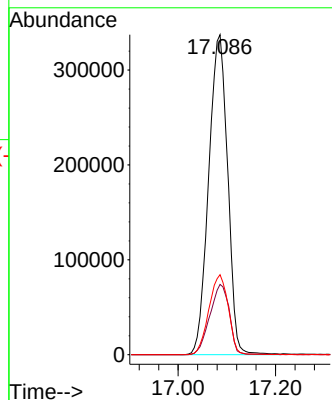
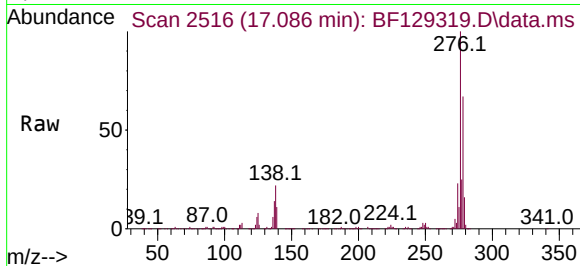




#87
Indeno(1,2,3-cd)pyrene
Concen: 55.321 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

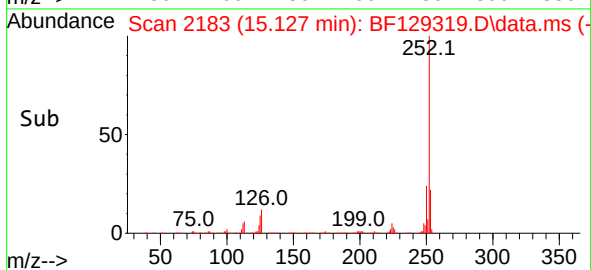
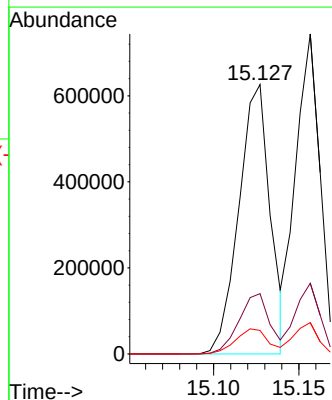
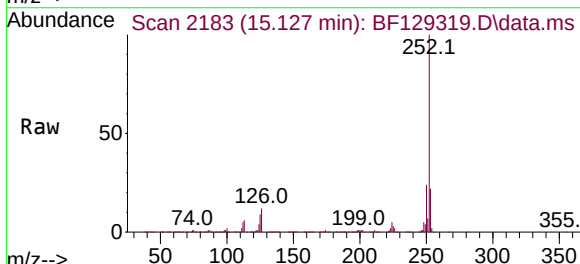
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MSD

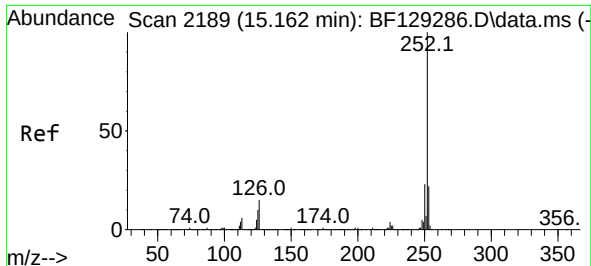
Tgt Ion:276 Resp: 910586
Ion Ratio Lower Upper
276 100
138 22.6 21.1 31.7
277 25.6 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 50.158 ng
RT: 15.127 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion:252 Resp: 801572
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 8.7 8.0 12.0

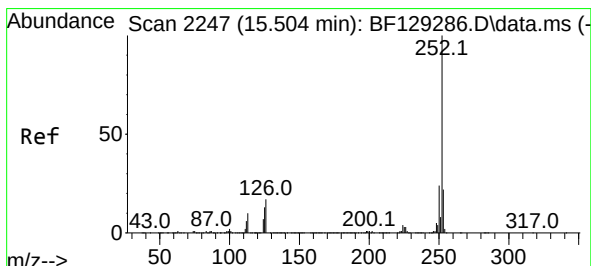
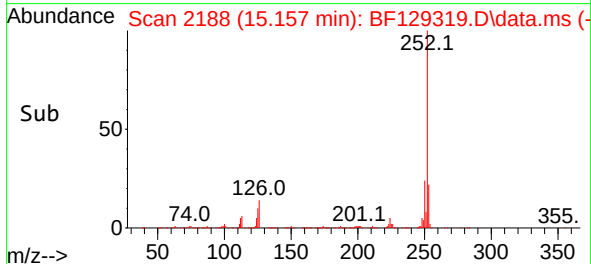
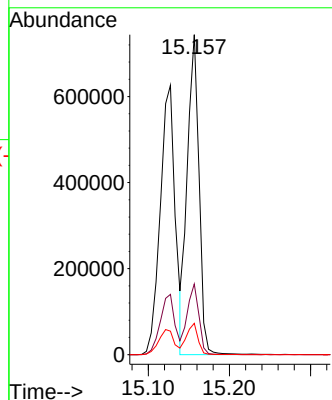
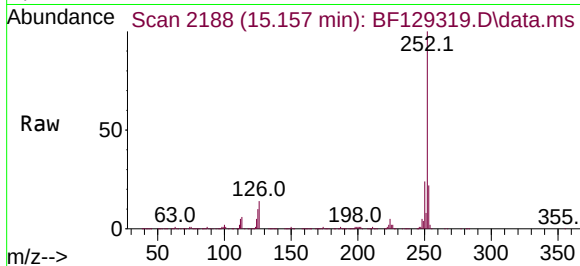




#89
Benzo(k)fluoranthene
Concen: 48.108 ng
RT: 15.157 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

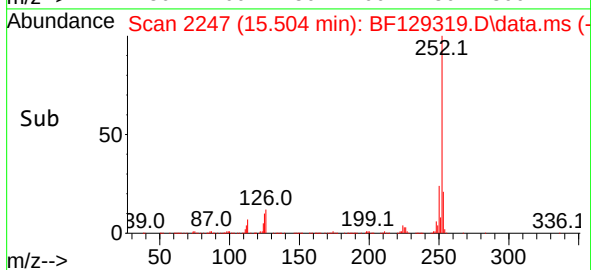
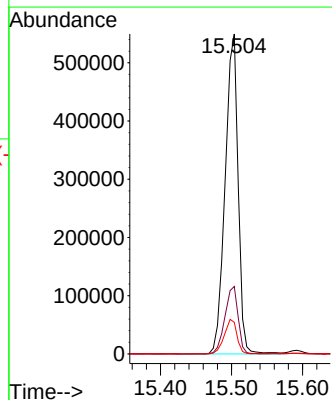
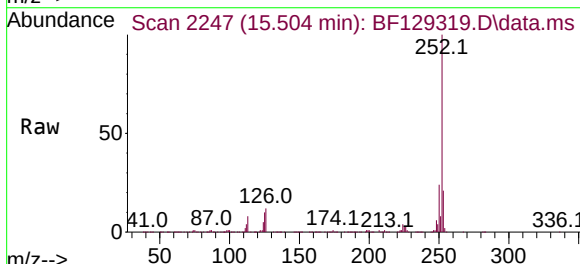
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MSD

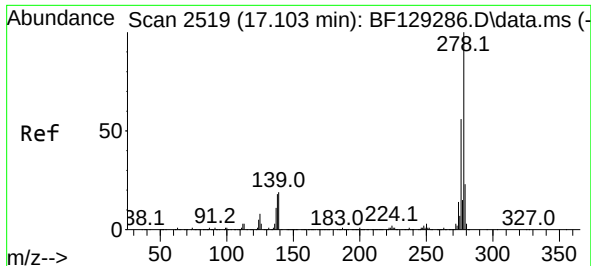
Tgt Ion:252 Resp: 746509
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 9.8 8.3 12.5



#90
Benzo(a)pyrene
Concen: 53.800 ng
RT: 15.504 min Scan# 2247
Delta R.T. 0.000 min
Lab File: BF129319.D
Acq: 22 Jul 2022 17:04

Tgt Ion:252 Resp: 695659
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.6
125 9.9 8.8 13.2

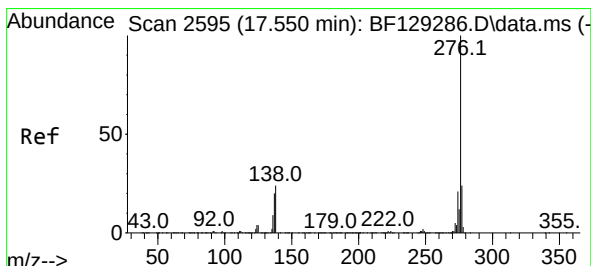
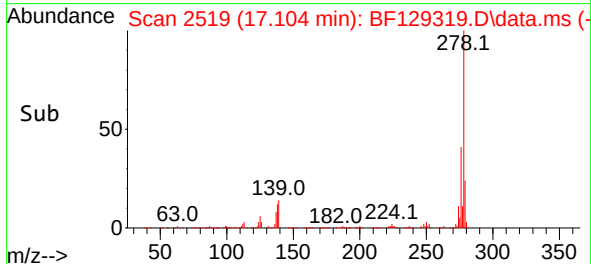
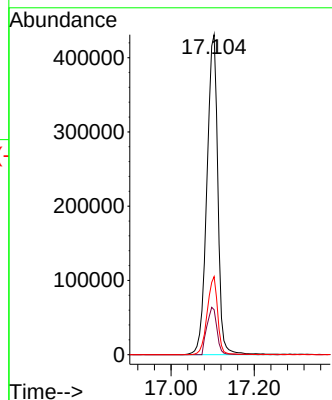
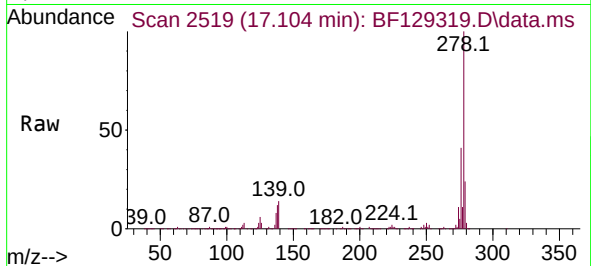




#91
 Dibenzo(a,h)anthracene
 Concen: 59.442 ng
 RT: 17.104 min Scan# 2519
 Delta R.T. 0.000 min
 Lab File: BF129319.D
 Acq: 22 Jul 2022 17:04

Instrument :
 BNA_F
 ClientSampleId :
 IDW-VB1-071922MSD

Tgt Ion:278 Resp: 788609
 Ion Ratio Lower Upper
 278 100
 139 14.1 12.8 19.2
 279 24.4 18.6 28.0



#92
 Benzo(g,h,i)perylene
 Concen: 57.064 ng
 RT: 17.551 min Scan# 2595
 Delta R.T. 0.000 min
 Lab File: BF129319.D
 Acq: 22 Jul 2022 17:04

Tgt Ion:276 Resp: 786671
 Ion Ratio Lower Upper
 276 100
 277 24.0 19.1 28.7
 138 18.8 18.0 27.0

